

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085256.D
 Acq On : 18 Dec 2024 17:32
 Operator : JC\MD
 Sample : VN1218WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:46:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	100737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	176939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	159024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	76736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	90544	51.424	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	102.840%		
35) Dibromofluoromethane	8.165	113	61624	49.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	10.565	98	232122	51.053	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.100%		
62) 4-Bromofluorobenzene	12.847	95	80327	49.464	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33460	20.850	ug/l	98
3) Chloromethane	2.359	50	30080	19.665	ug/l	98
4) Vinyl Chloride	2.507	62	29594	20.649	ug/l	99
5) Bromomethane	2.954	94	18940	20.145	ug/l	96
6) Chloroethane	3.112	64	19101	21.236	ug/l	89
7) Trichlorofluoromethane	3.495	101	44673	19.302	ug/l	98
8) Diethyl Ether	3.959	74	15889	21.857	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	24271	19.553	ug/l	99
10) Methyl Iodide	4.583	142	26501	18.724	ug/l #	95
11) Tert butyl alcohol	5.524	59	25083	102.555	ug/l	98
12) 1,1-Dichloroethene	4.336	96	22530	19.595	ug/l	91
13) Acrolein	4.177	56	28637	101.672	ug/l	96
14) Allyl chloride	5.024	41	37579	18.872	ug/l	99
15) Acrylonitrile	5.718	53	70318	105.556	ug/l	98
16) Acetone	4.430	43	63289	104.134	ug/l	98
17) Carbon Disulfide	4.706	76	69838	17.799	ug/l	100
18) Methyl Acetate	5.024	43	36341	21.121	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	82943	21.046	ug/l	97
20) Methylene Chloride	5.271	84	27435	20.636	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	24285	19.157	ug/l	96
22) Diisopropyl ether	6.665	45	91595	21.562	ug/l	94
23) Vinyl Acetate	6.606	43	350107	106.662	ug/l	99
24) 1,1-Dichloroethane	6.571	63	48885	19.867	ug/l	98
25) 2-Butanone	7.483	43	99668	107.085	ug/l	100
26) 2,2-Dichloropropane	7.489	77	42815	18.791	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	28660	19.418	ug/l	97
28) Bromochloromethane	7.818	49	28457	22.931	ug/l	98
29) Tetrahydrofuran	7.841	42	65322	108.875	ug/l	98
30) Chloroform	7.959	83	51943	19.767	ug/l	100
31) Cyclohexane	8.253	56	42847	18.810	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	45154	19.279	ug/l	99
36) 1,1-Dichloropropene	8.371	75	34096	19.684	ug/l	97
37) Ethyl Acetate	7.559	43	44835	22.436	ug/l	97
38) Carbon Tetrachloride	8.359	117	39201	18.718	ug/l #	92
39) Methylcyclohexane	9.600	83	33181	18.408	ug/l	94
40) Benzene	8.606	78	109048	20.236	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	22605	22.196	ug/l	95
42) 1,2-Dichloroethane	8.665	62	43001	20.950	ug/l	99
43) Isopropyl Acetate	8.688	43	70476	19.285	ug/l	99
44) Trichloroethene	9.347	130	23782	19.823	ug/l	89
45) 1,2-Dichloropropane	9.624	63	26704	20.014	ug/l	94
46) Dibromomethane	9.706	93	19875	20.867	ug/l	99
47) Bromodichloromethane	9.888	83	41981	20.572	ug/l	98
48) Methyl methacrylate	9.683	41	31367	20.938	ug/l	97
49) 1,4-Dioxane	9.694	88	10194	431.594	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	214707	111.817	ug/l	99
52) Toluene	10.630	92	66641	20.567	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	41726	20.977	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	44185	20.893	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	26056	21.476	ug/l	94
56) Ethyl methacrylate	10.877	69	39804	18.720	ug/l	94
57) 1,3-Dichloropropane	11.159	76	44693	20.930	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	84246	87.728	ug/l	100
59) 2-Hexanone	11.194	43	156341	114.221	ug/l	97
60) Dibromochloromethane	11.359	129	31063	21.603	ug/l	97
61) 1,2-Dibromoethane	11.471	107	26055	20.850	ug/l	97
64) Tetrachloroethene	11.106	164	21145	19.760	ug/l	97
65) Chlorobenzene	11.894	112	70845	19.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	26045	20.884	ug/l	96
67) Ethyl Benzene	11.965	91	119537	19.510	ug/l	99
68) m/p-Xylenes	12.071	106	91838	40.077	ug/l	98
69) o-Xylene	12.400	106	42325	19.650	ug/l	97
70) Styrene	12.412	104	71330	19.837	ug/l	98
71) Bromoform	12.576	173	20078	20.539	ug/l #	98
73) Isopropylbenzene	12.694	105	109599	19.799	ug/l	100
74) N-amyl acetate	12.494	43	58508	21.162	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	40171	20.368	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	38911m	21.273	ug/l	
77) Bromobenzene	12.976	156	28757	19.786	ug/l	96
78) n-propylbenzene	13.035	91	133580	19.676	ug/l	99
79) 2-Chlorotoluene	13.123	91	84514	19.607	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	97070	21.024	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13309	19.320	ug/l	92
82) 4-Chlorotoluene	13.218	91	86485	19.828	ug/l	100
83) tert-Butylbenzene	13.441	119	78124	19.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	96977	20.548	ug/l	100
85) sec-Butylbenzene	13.612	105	109355	20.032	ug/l	100
86) p-Isopropyltoluene	13.729	119	90352	18.385	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	51756	19.337	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	52278	18.877	ug/l	98
89) n-Butylbenzene	14.059	91	74724	18.613	ug/l	99
90) Hexachloroethane	14.335	117	19364	19.309	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	48839	19.618	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8329	22.021	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	22207	17.426	ug/l	97
94) Hexachlorobutadiene	15.500	225	11213	16.930	ug/l	92
95) Naphthalene	15.641	128	72113	17.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22576	17.737	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

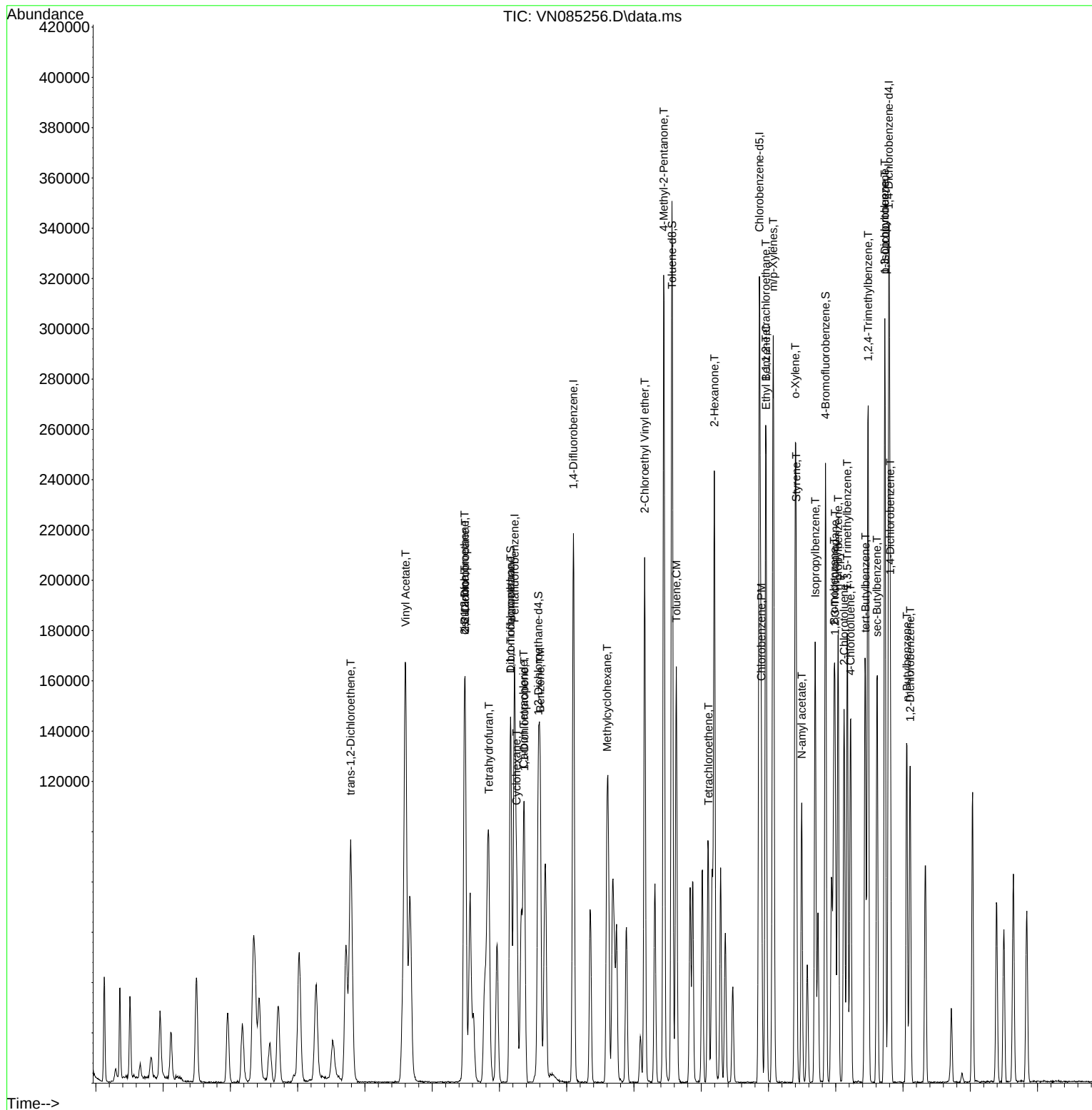
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
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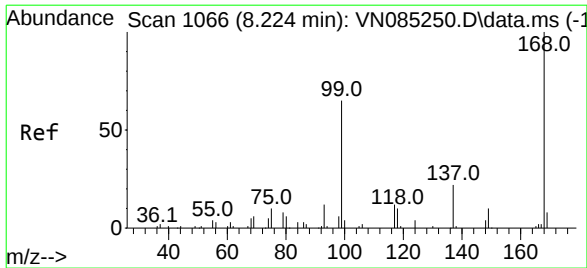
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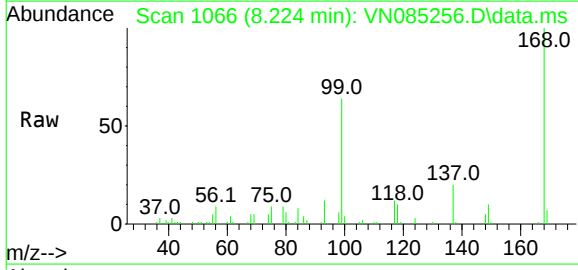
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085256.D
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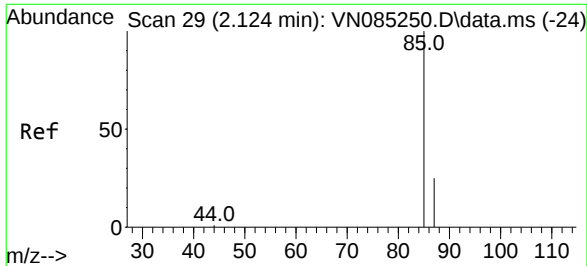
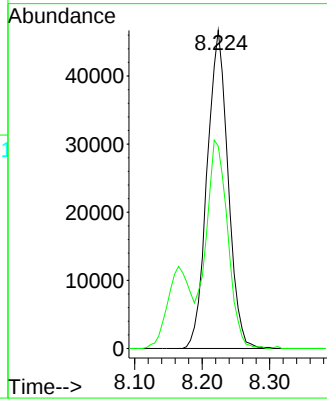
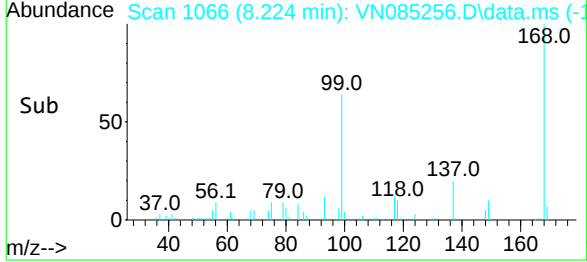
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MSVOA_N
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Tgt Ion: 168 Resp: 100737
Ion Ratio Lower Upper
168 100
99 63.0 50.7 76.1

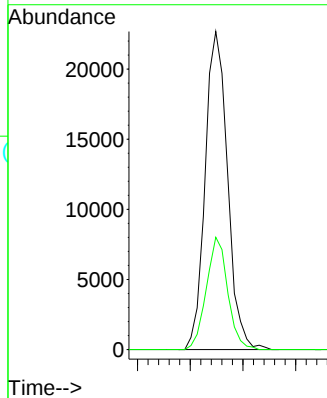
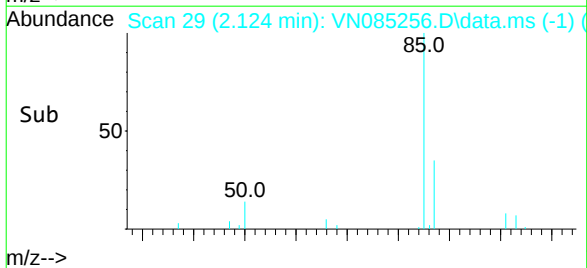
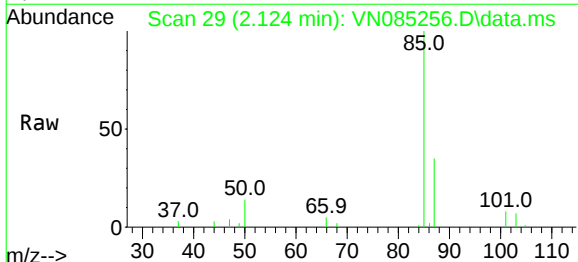
Manual Integrations
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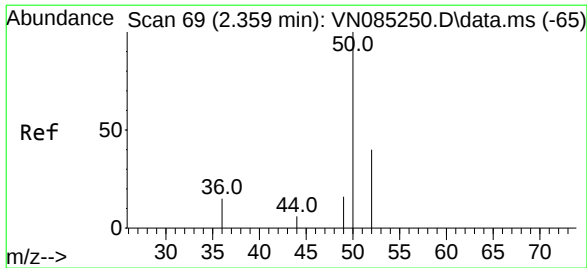
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 20.850 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

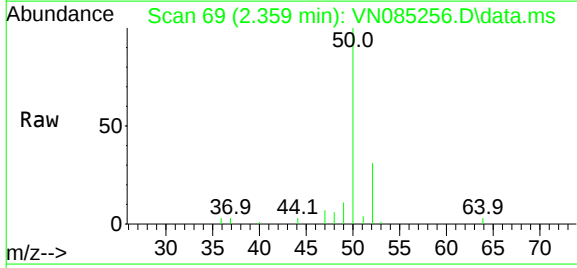
Tgt Ion: 85 Resp: 33460
Ion Ratio Lower Upper
85 100
87 35.3 17.1 51.3





#3
Chloromethane
Concen: 19.665 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

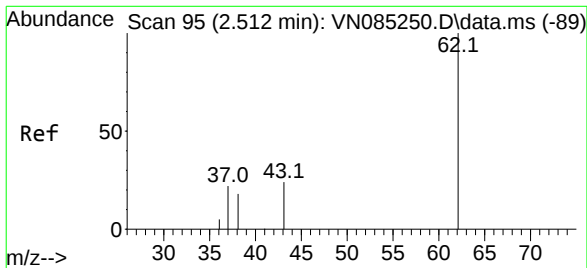
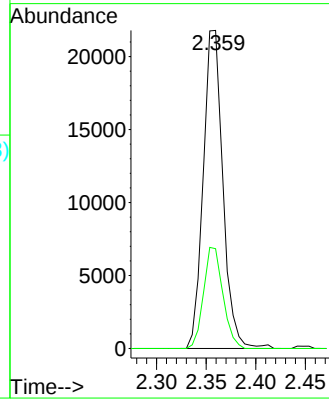
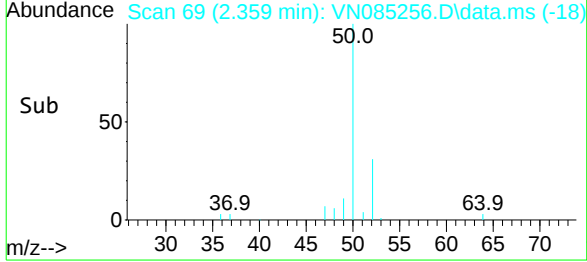
Instrument :
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Tgt Ion: 50 Resp: 30080
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2

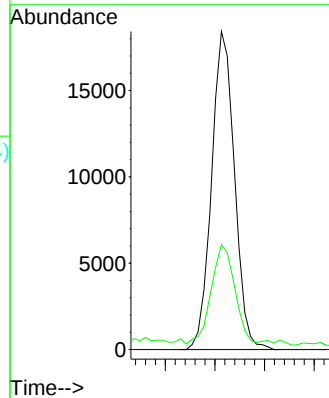
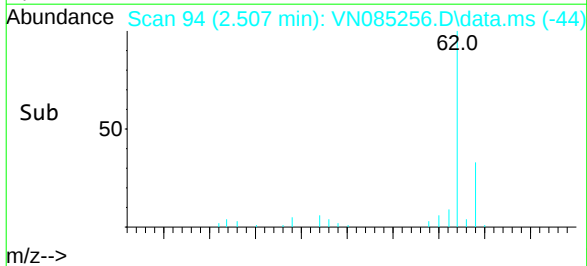
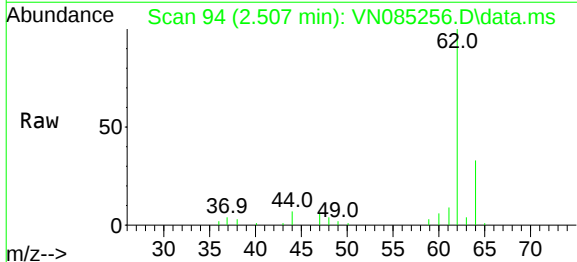
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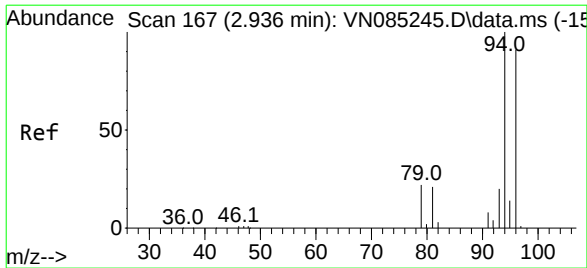
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Vinyl Chloride
Concen: 20.649 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

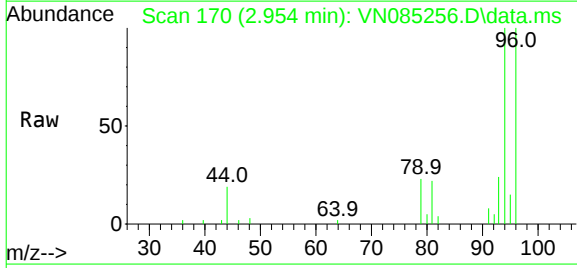
Tgt Ion: 62 Resp: 29594
Ion Ratio Lower Upper
62 100
64 30.0 24.5 36.7





#5
Bromomethane
Concen: 20.145 ug/l
RT: 2.954 min Scan# 17
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

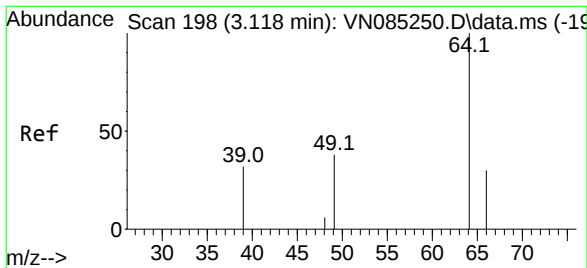
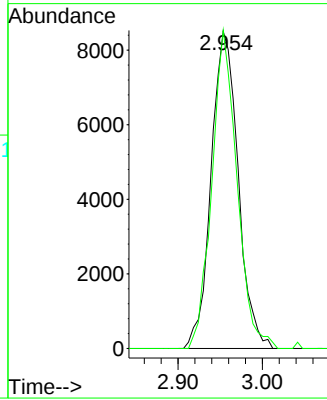
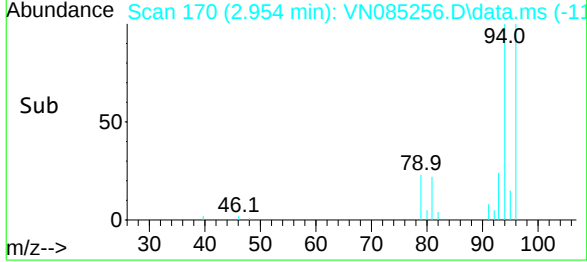
Instrument :
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Tgt Ion: 94 Resp: 18940
Ion Ratio Lower Upper
94 100
96 100.3 76.8 115.2

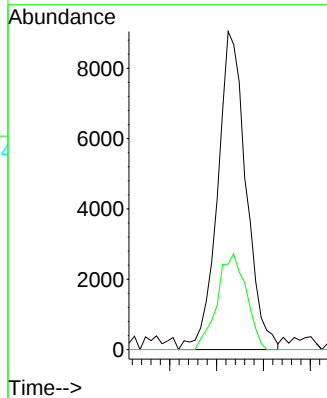
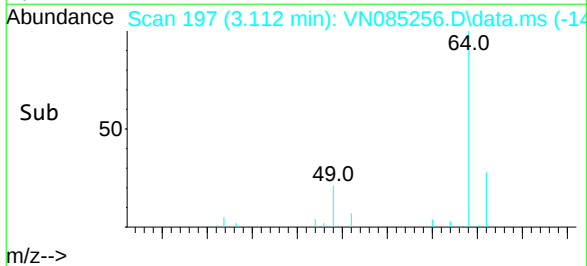
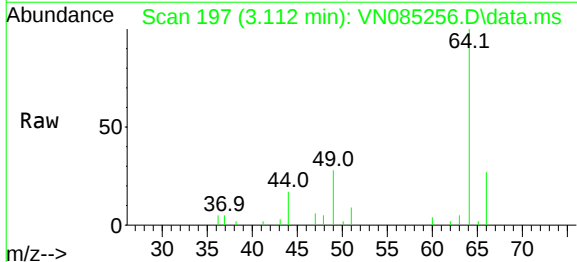
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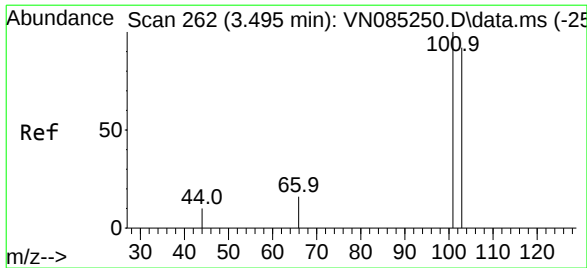
Reviewed By :John Carlone 12/20/2024
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#6
Chloroethane
Concen: 21.236 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

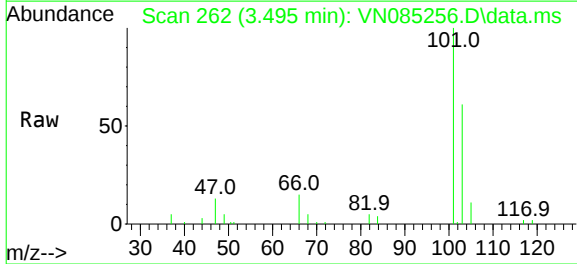
Tgt Ion: 64 Resp: 19101
Ion Ratio Lower Upper
64 100
66 26.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.302 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

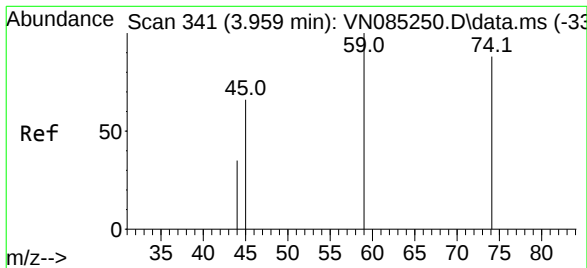
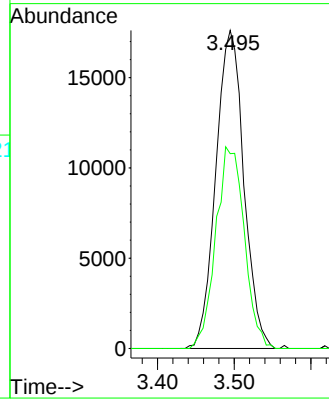
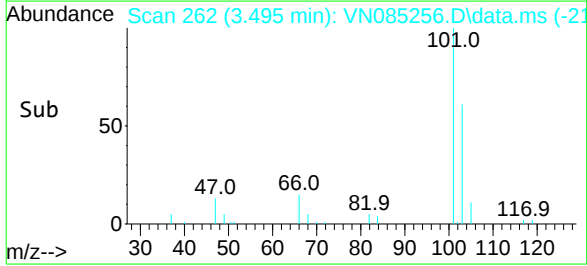
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Tgt Ion:101 Resp: 44673
Ion Ratio Lower Upper
101 100
103 61.3 50.2 75.4

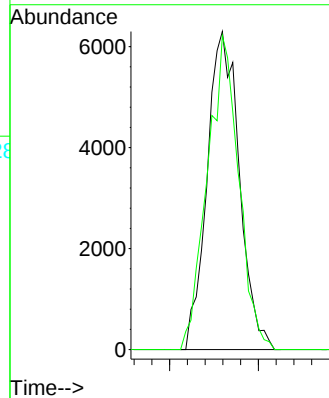
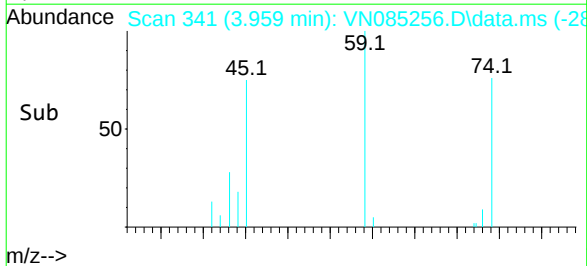
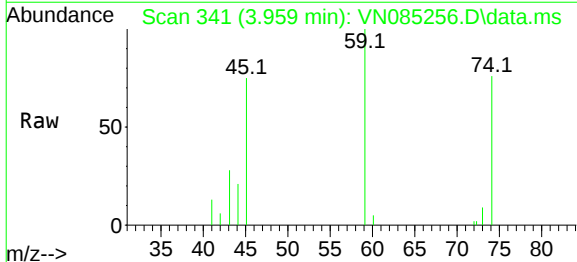
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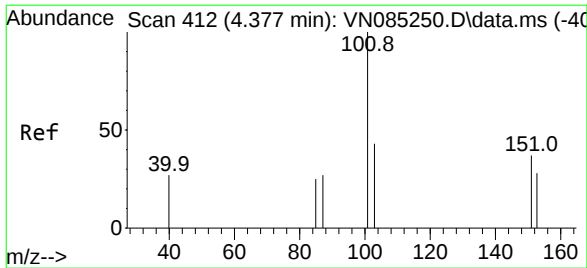
Reviewed By :John Carlone 12/20/2024
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#8
Diethyl Ether
Concen: 21.857 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

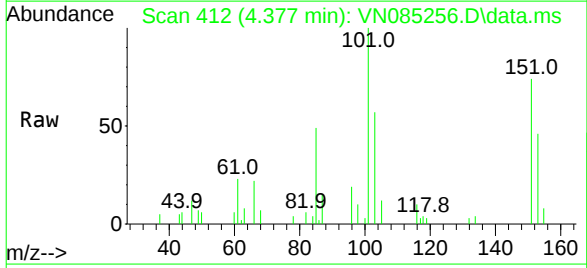
Tgt Ion: 74 Resp: 15889
Ion Ratio Lower Upper
74 100
45 96.1 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.553 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

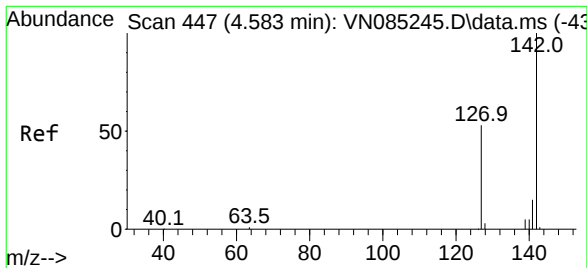
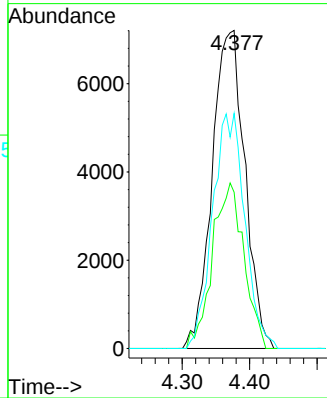
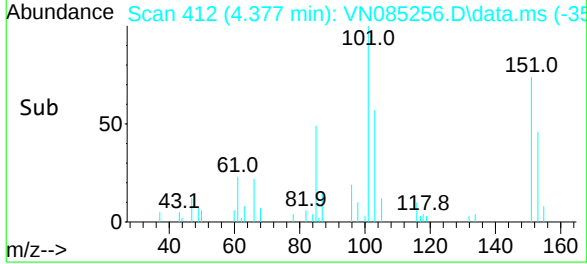
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



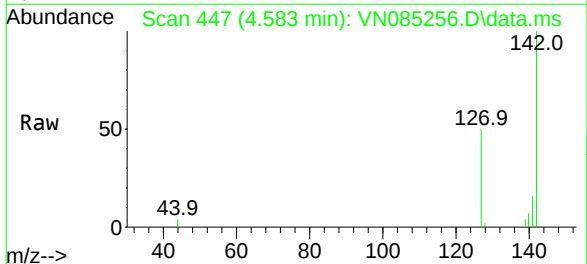
Tgt Ion:101 Resp: 24271
Ion Ratio Lower Upper
101 100
85 50.0 39.0 58.4
151 73.0 58.6 87.8

Manual Integrations
APPROVED

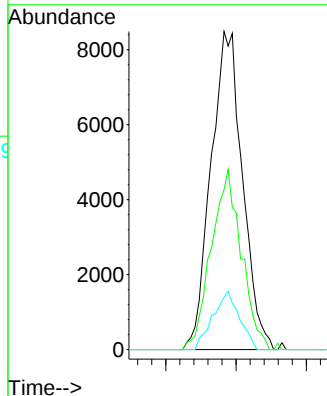
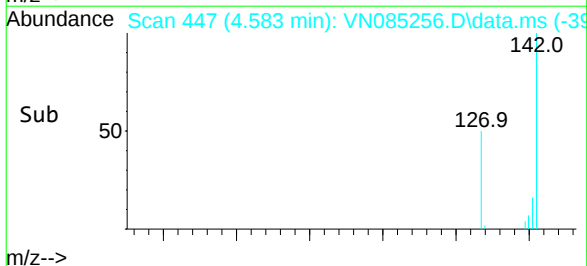
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

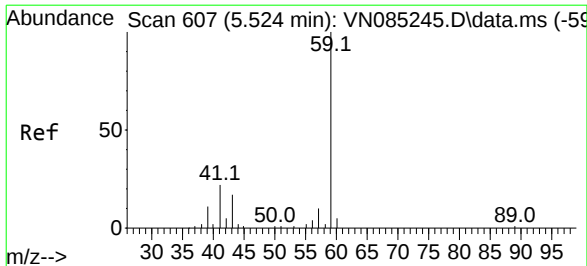


#10
Methyl Iodide
Concen: 18.724 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



Tgt Ion:142 Resp: 26501
Ion Ratio Lower Upper
142 100
127 50.3 42.5 63.7
141 16.4 10.2 15.4#





#11

Tert butyl alcohol

Concen: 102.555 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01

Tgt Ion: 59 Resp: 25083

Ion Ratio Lower Upper

59 100

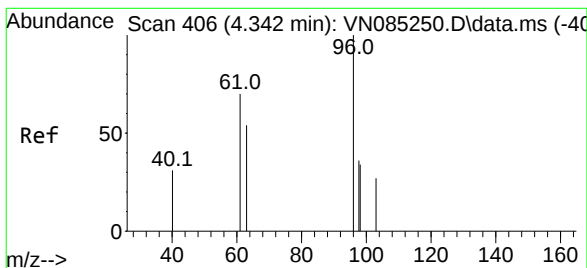
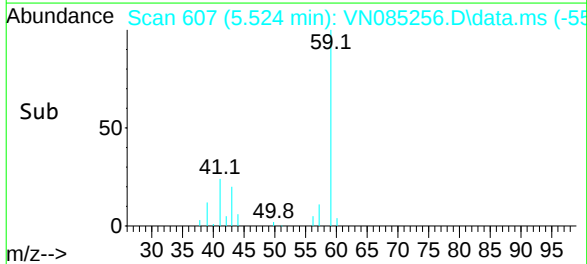
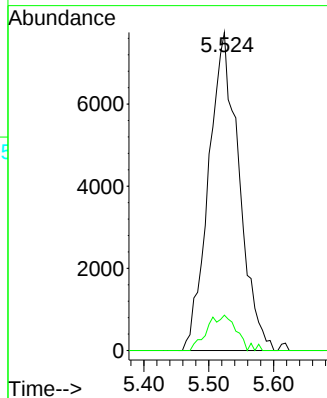
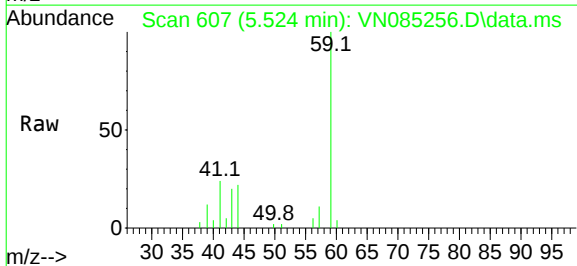
57 10.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 19.595 ug/l

RT: 4.336 min Scan# 405

Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

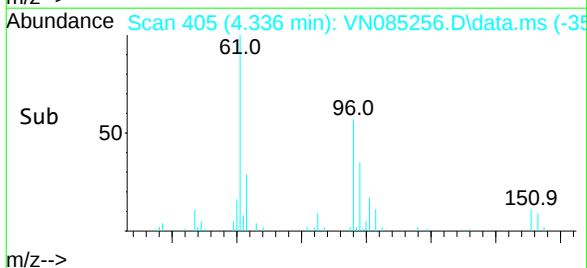
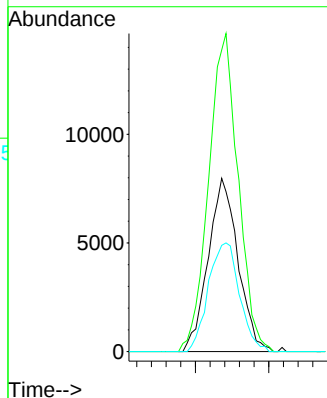
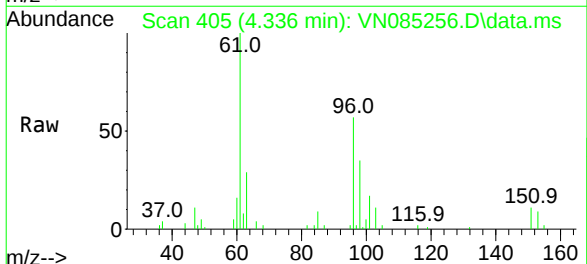
Tgt Ion: 96 Resp: 22530

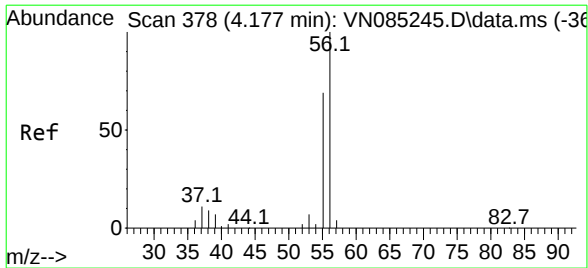
Ion Ratio Lower Upper

96 100

61 174.0 151.6 227.4

98 61.3 51.9 77.9





#13

Acrolein

Concen: 101.672 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085256.D

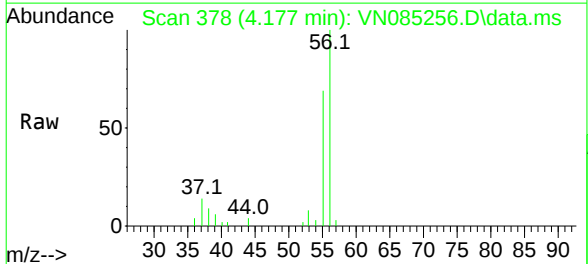
Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01



Tgt Ion: 56 Resp: 28637

Ion Ratio Lower Upper

56 100

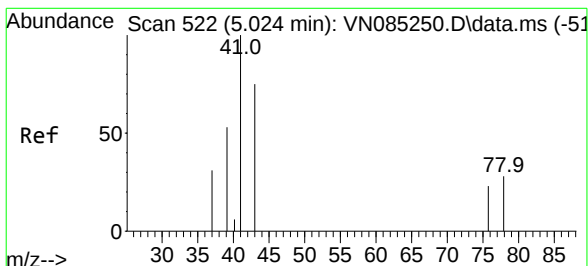
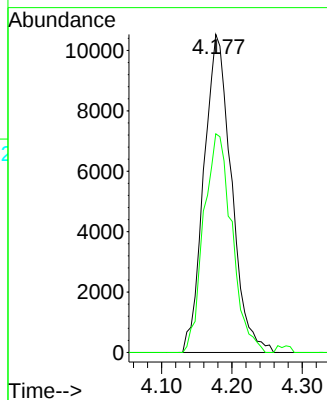
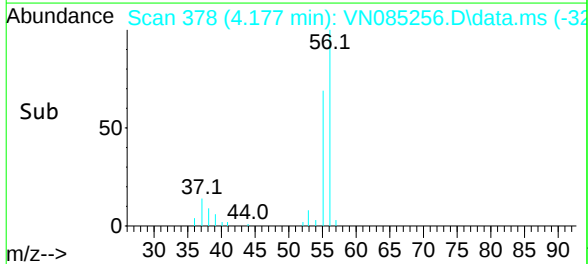
55 70.5 59.0 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Allyl chloride

Concen: 18.872 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

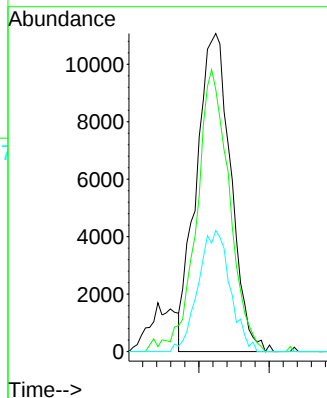
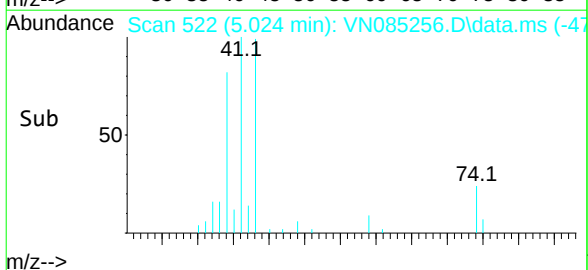
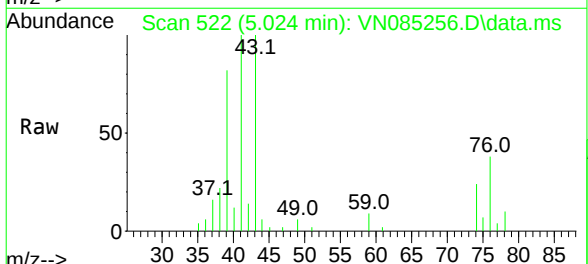
Tgt Ion: 41 Resp: 37579

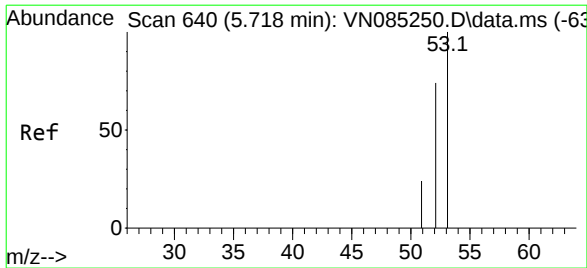
Ion Ratio Lower Upper

41 100

39 83.8 66.7 100.1

76 35.3 29.4 44.2





#15

Acrylonitrile

Concen: 105.556 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01

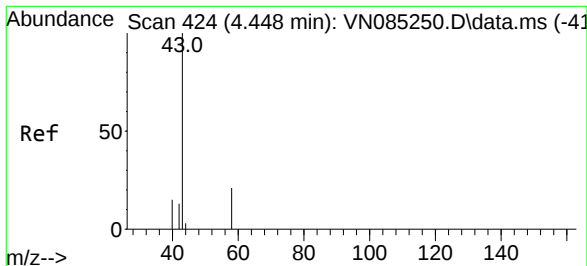
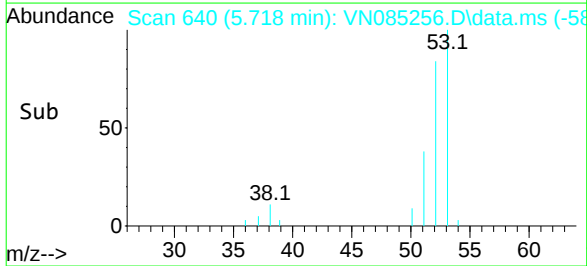
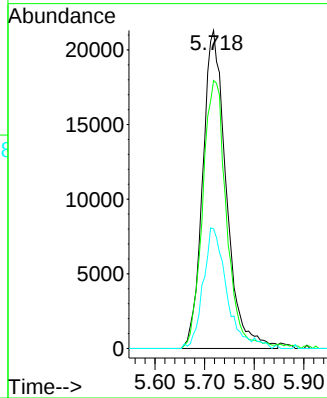
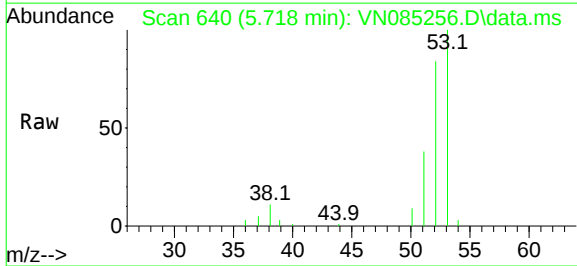
Tgt Ion: 53	Resp: 70318
Ion Ratio	Lower Upper
53 100	
52 85.0	66.3 99.5
51 36.9	28.2 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#16

Acetone

Concen: 104.134 ug/l

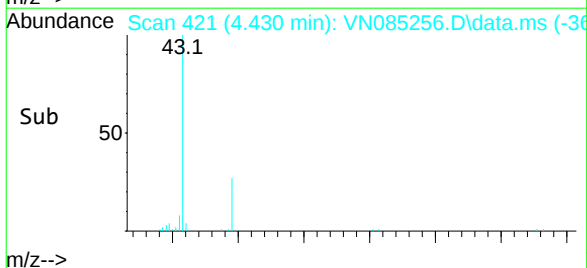
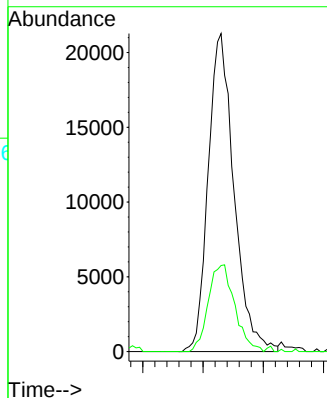
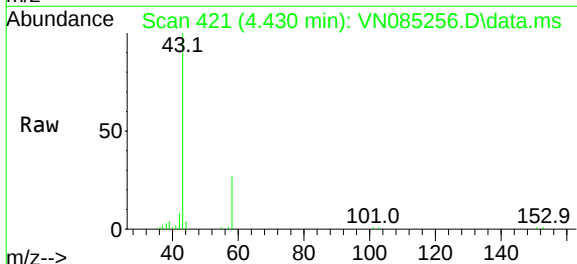
RT: 4.430 min Scan# 421

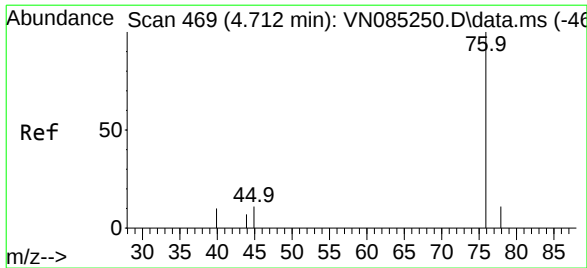
Delta R.T. 0.006 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

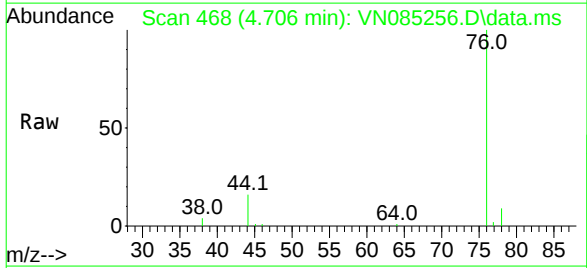
Tgt Ion: 43	Resp: 63289
Ion Ratio	Lower Upper
43 100	
58 27.1	20.8 31.2





#17
Carbon Disulfide
Concen: 17.799 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

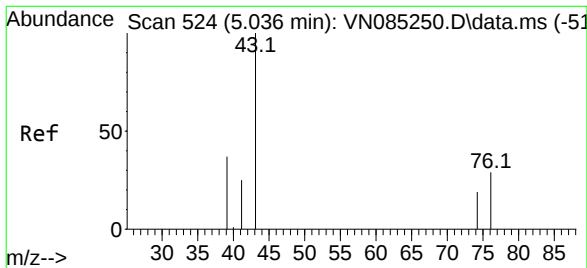
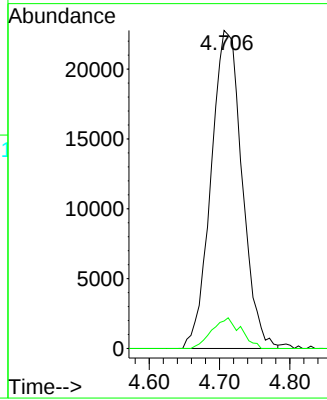
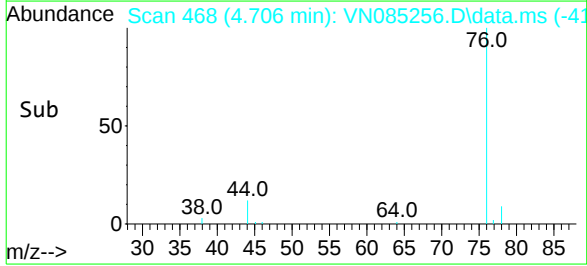
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 76 Resp: 69838
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

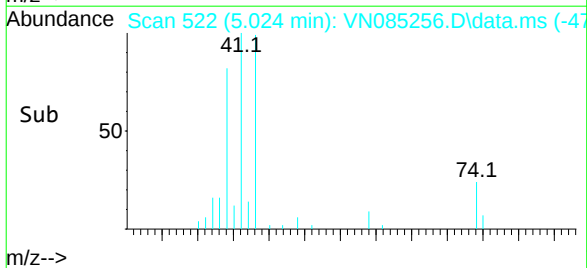
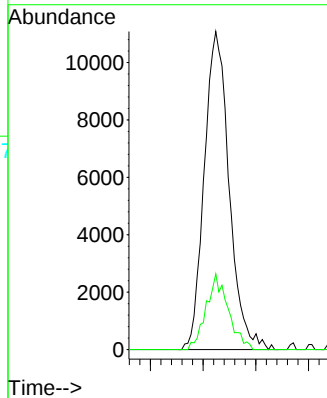
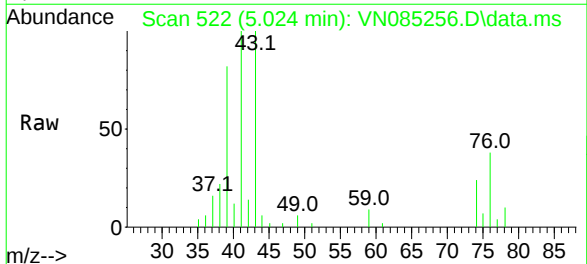
Manual Integrations
APPROVED

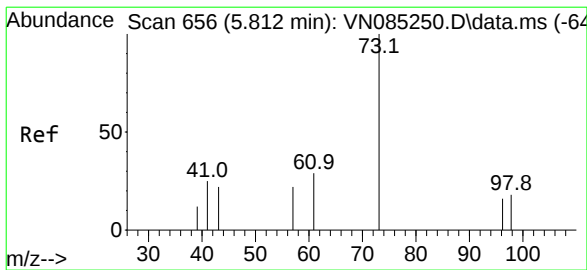
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 21.121 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 43 Resp: 36341
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3





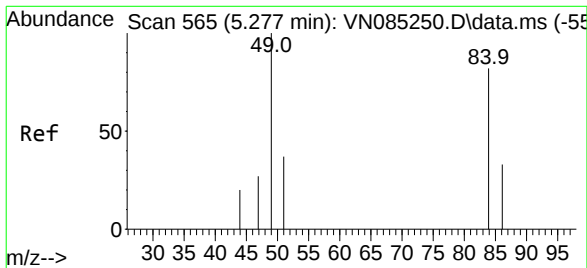
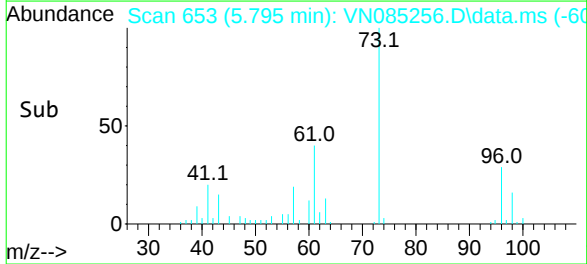
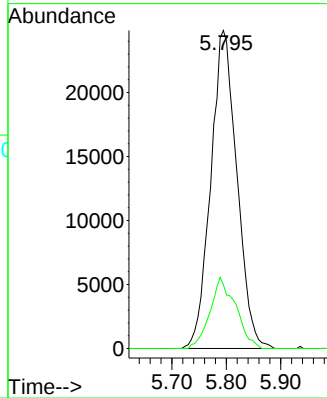
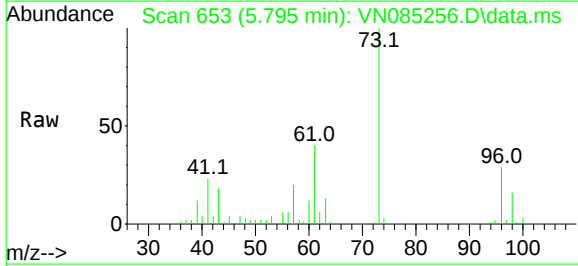
#19
Methyl tert-butyl Ether
Concen: 21.046 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 73 Resp: 82943
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.6

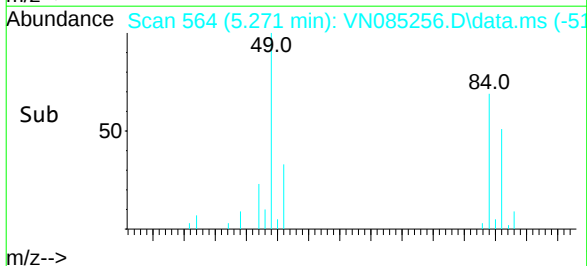
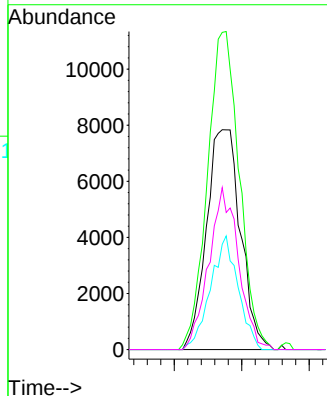
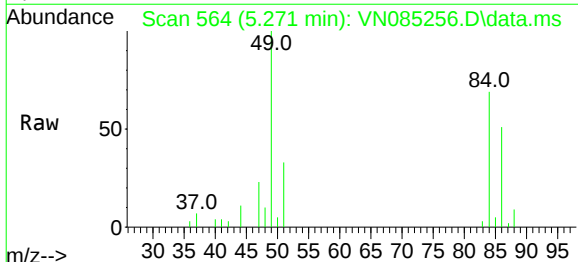
Manual Integrations
APPROVED

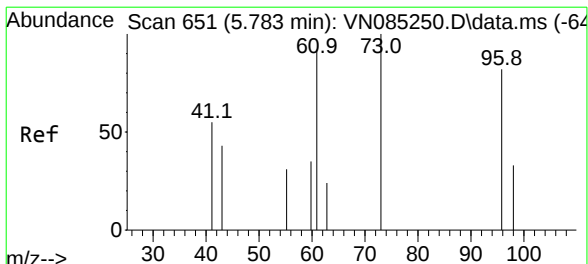
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 20.636 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 84 Resp: 27435
Ion Ratio Lower Upper
84 100
49 144.3 103.6 155.4
51 47.9 34.2 51.2
86 73.6 48.9 73.3#





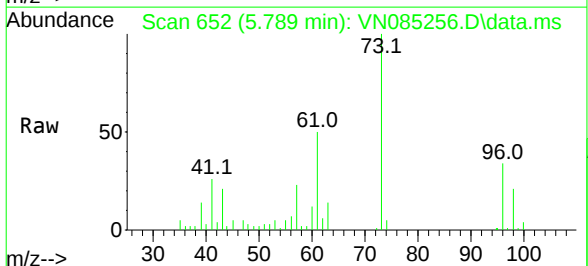
#21
trans-1,2-Dichloroethene
Concen: 19.157 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

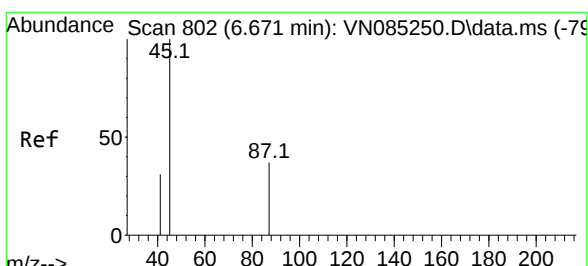
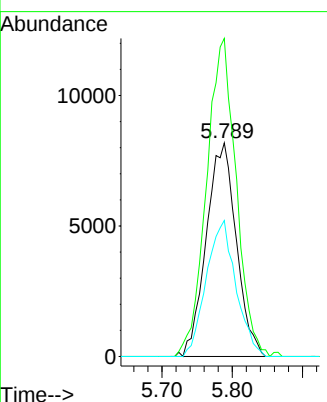
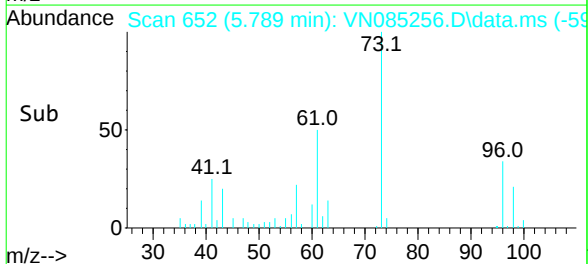
VN1218WBSD01



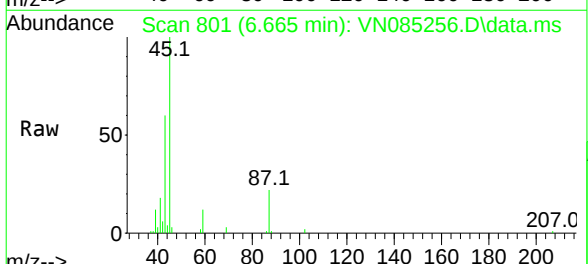
Tgt Ion:	96	Resp:	24285
Ion	Ratio	Lower	Upper
96	100		
61	148.9	122.0	183.0
98	63.6	54.3	81.5

Manual Integrations
APPROVED

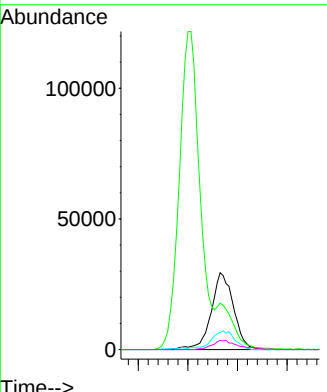
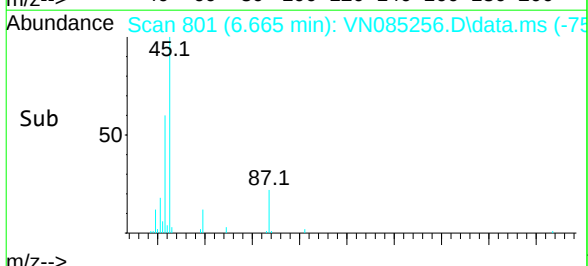
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

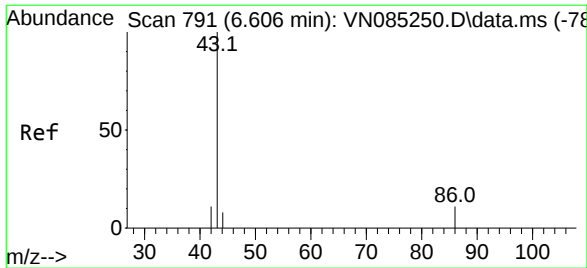


#22
Diisopropyl ether
Concen: 21.562 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



Tgt Ion:	45	Resp:	91595
Ion	Ratio	Lower	Upper
45	100		
43	58.7	43.8	65.6
87	22.4	21.2	31.8
59	11.9	8.6	13.0





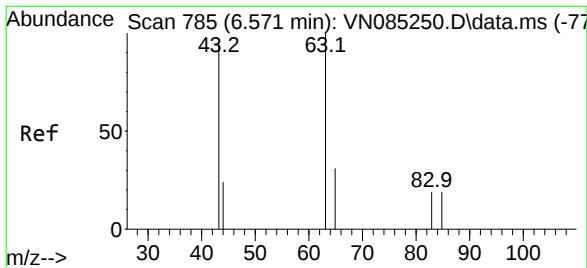
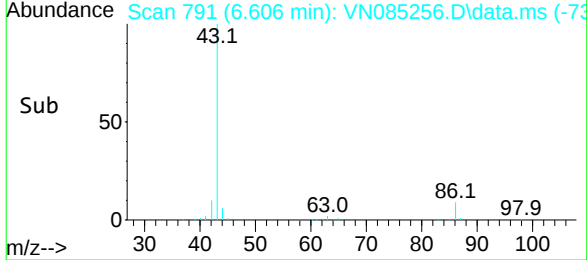
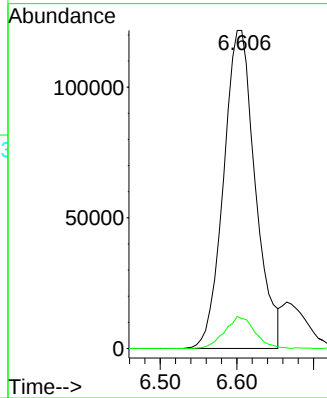
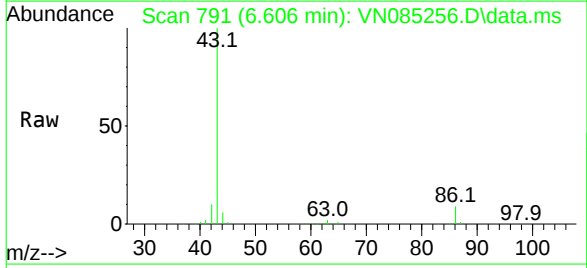
#23
 Vinyl Acetate
 Concen: 106.662 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN085256.D
 Acq: 18 Dec 2024 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBSD01

Tgt Ion: 43 Resp: 350107
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

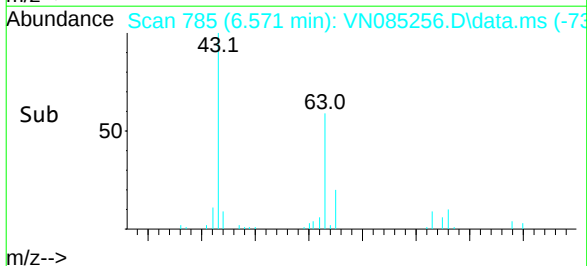
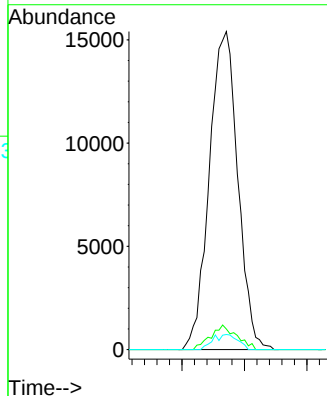
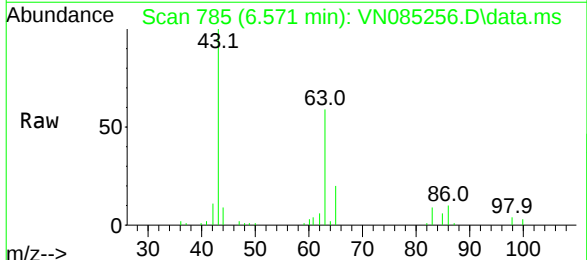
Manual Integrations
 APPROVED

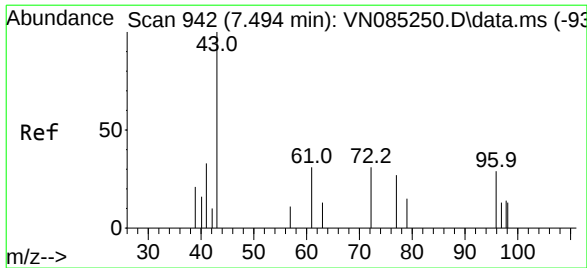
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 19.867 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085256.D
 Acq: 18 Dec 2024 17:32

Tgt Ion: 63 Resp: 48885
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 107.085 ug/l

RT: 7.483 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01

Tgt Ion: 43 Resp: 99668

Ion Ratio Lower Upper

43 100

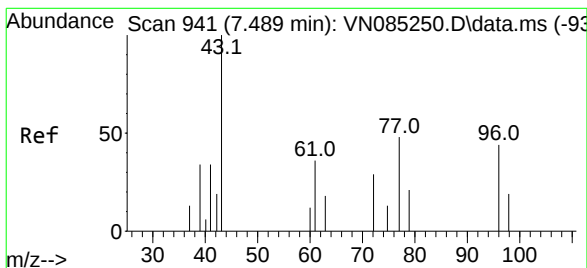
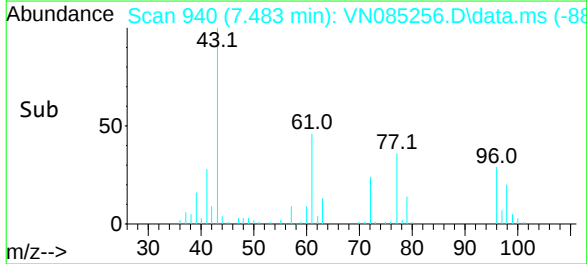
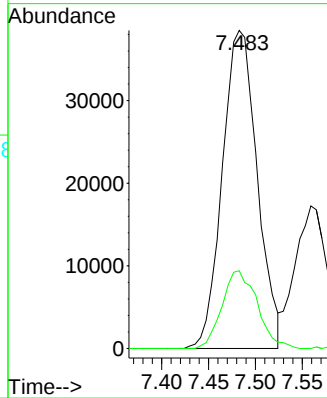
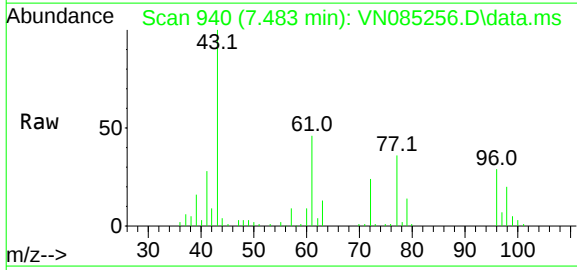
72 24.4 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#26

2,2-Dichloropropane

Concen: 18.791 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085256.D

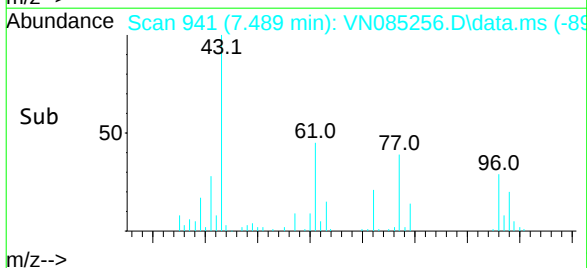
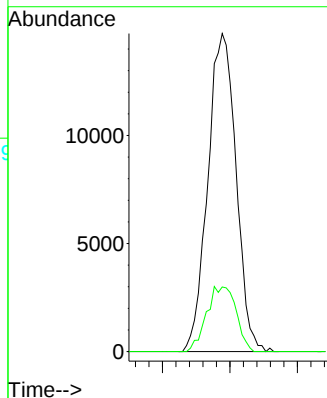
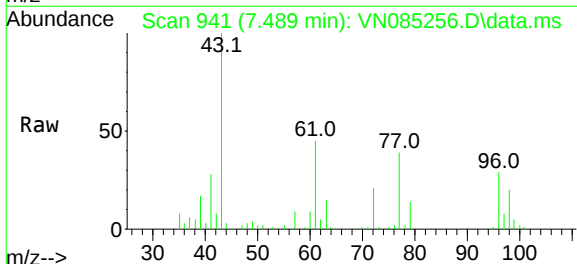
Acq: 18 Dec 2024 17:32

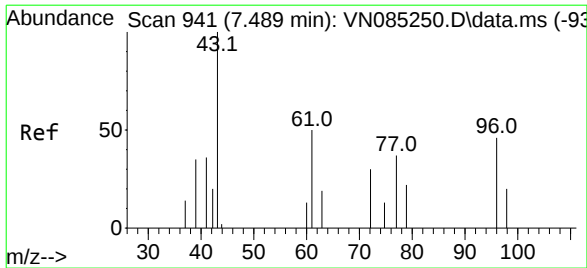
Tgt Ion: 77 Resp: 42815

Ion Ratio Lower Upper

77 100

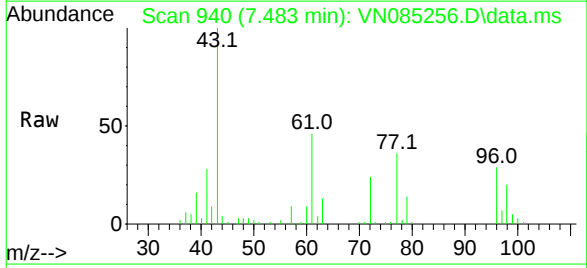
97 21.3 10.5 31.6





#27
cis-1,2-Dichloroethene
Concen: 19.418 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

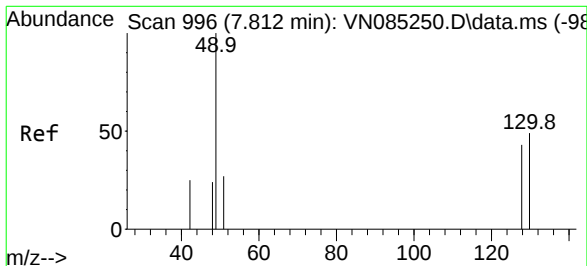
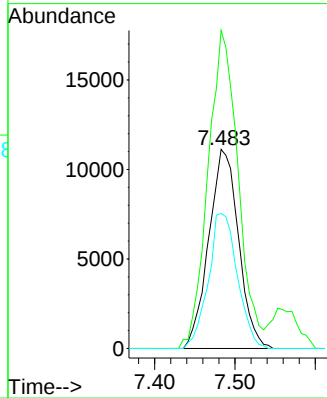
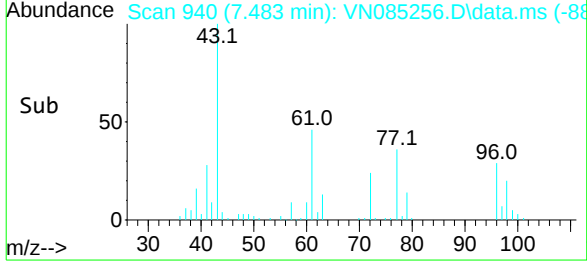
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



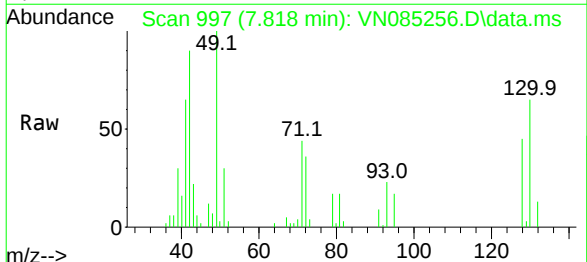
Tgt Ion: 96 Resp: 28660
Ion Ratio Lower Upper
96 100
61 161.3 0.0 316.4
98 66.2 0.0 125.4

Manual Integrations
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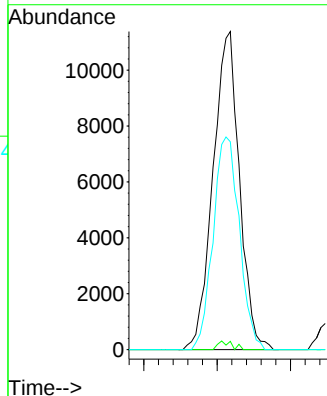
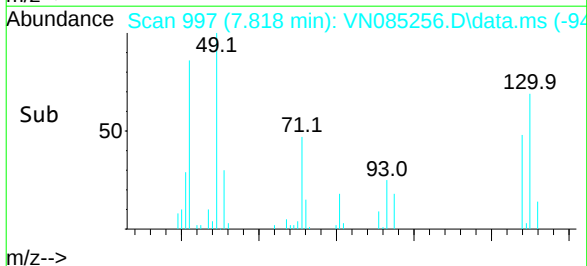
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

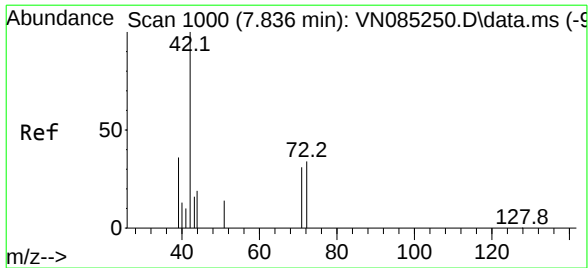


#28
Bromochloromethane
Concen: 22.931 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



Tgt Ion: 49 Resp: 28457
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.4
130 66.4 54.1 81.1





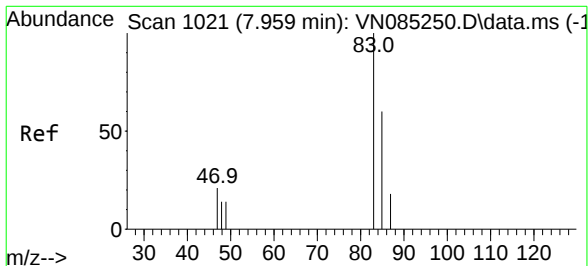
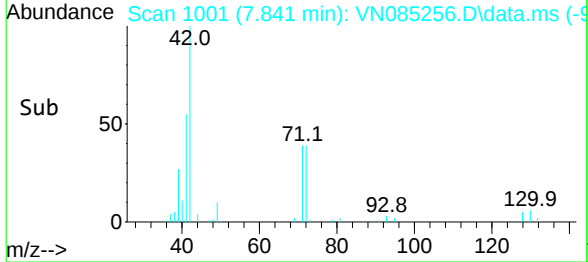
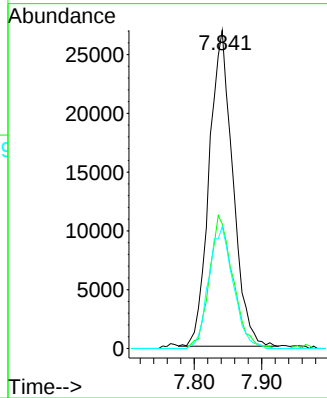
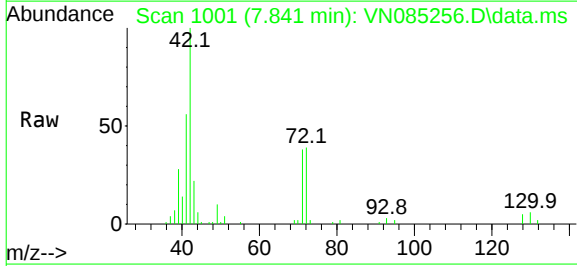
#29
Tetrahydrofuran
Concen: 108.875 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 42 Resp: 65322
Ion Ratio Lower Upper
42 100
72 42.1 32.7 49.1
71 40.0 31.4 47.2

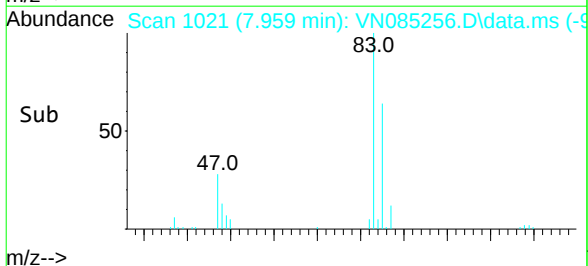
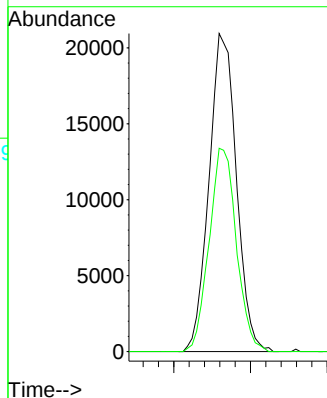
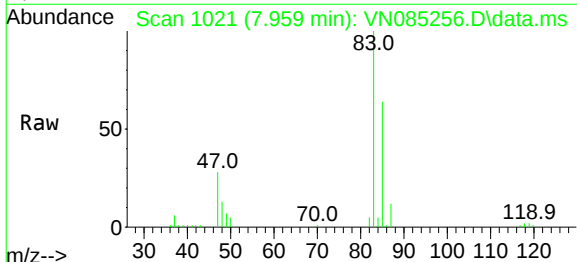
Manual Integrations
APPROVED

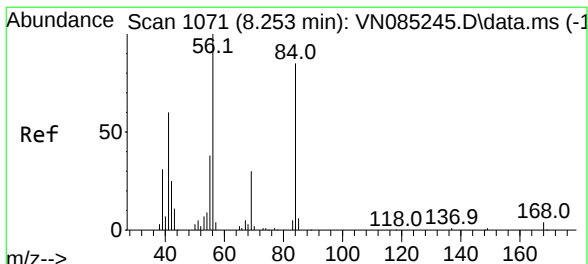
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 19.767 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

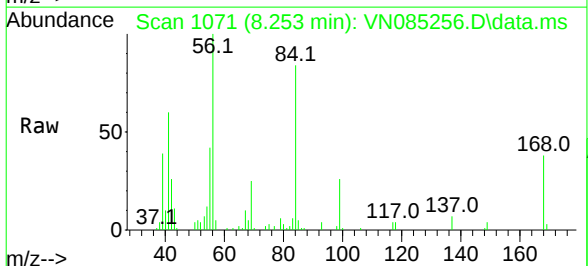
Tgt Ion: 83 Resp: 51943
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0





#31
Cyclohexane
Concen: 18.810 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

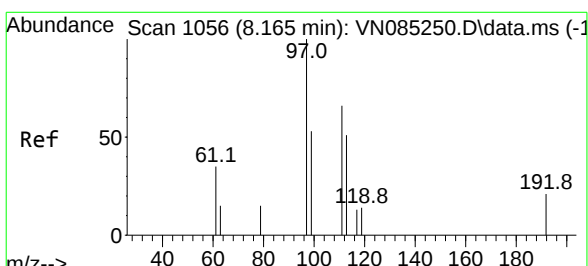
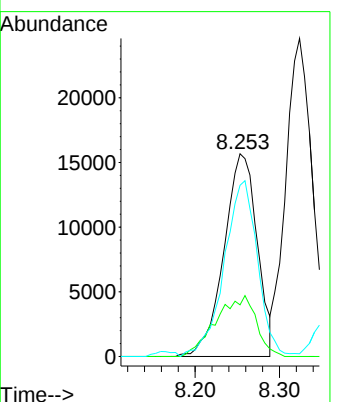
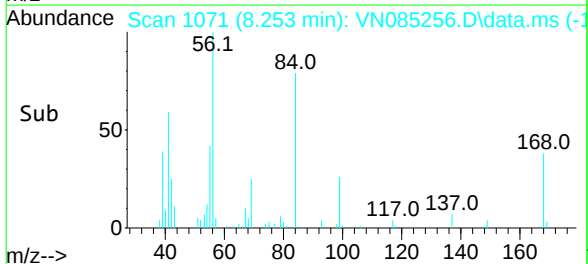
Instrument : MSVOA_N
Client Sample Id : VN1218WBSD01



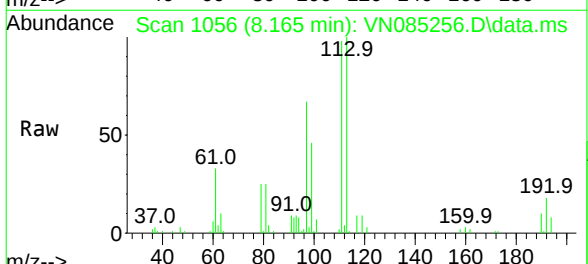
Tgt Ion: 56 Resp: 42847

Ion	Ratio	Lower	Upper
56	100		
69	25.5	23.6	35.4
84	82.5	66.6	99.8

Manual Integrations
APPROVED
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

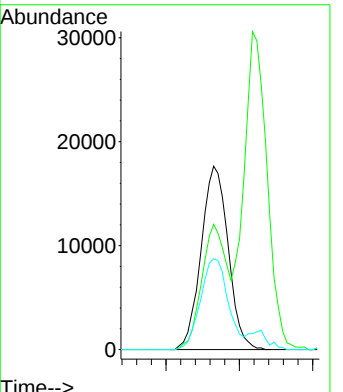
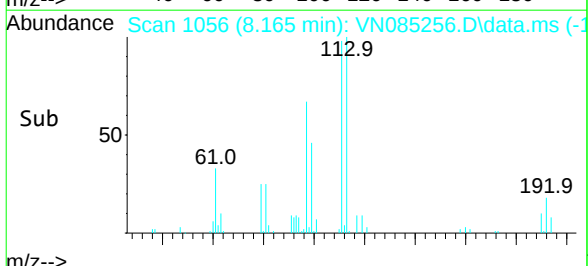


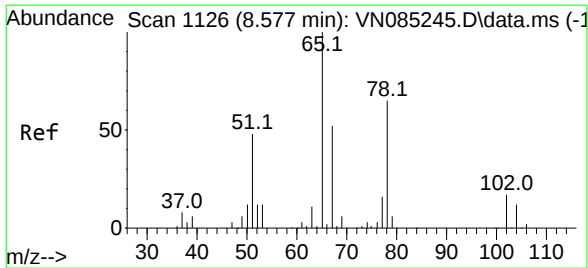
#32
1,1,1-Trichloroethane
Concen: 19.279 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



Tgt Ion: 97 Resp: 45154

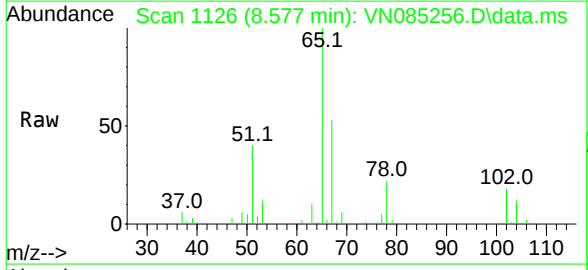
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.0
61	50.6	40.4	60.6





#33
1,2-Dichloroethane-d4
Concen: 51.424 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

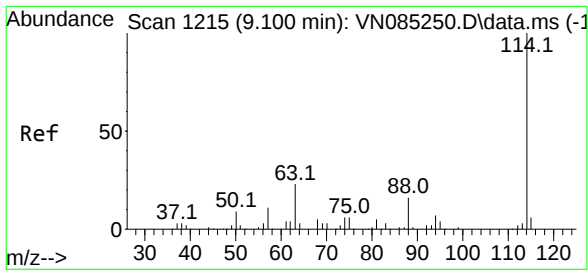
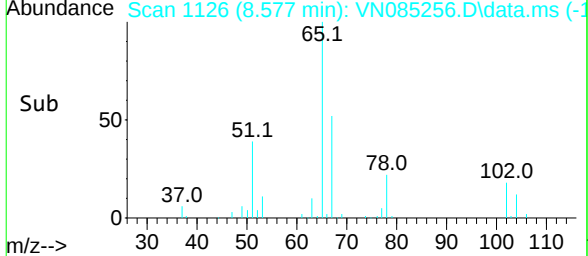
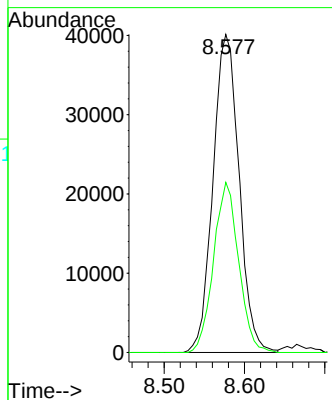
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 65 Resp: 90544
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.2

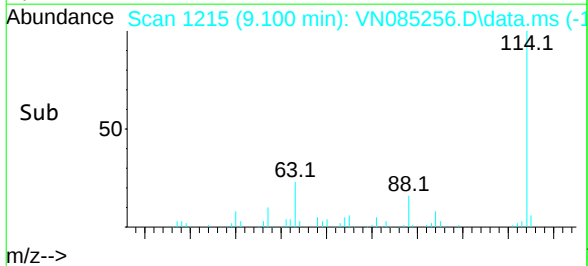
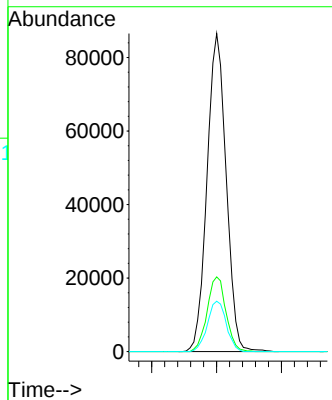
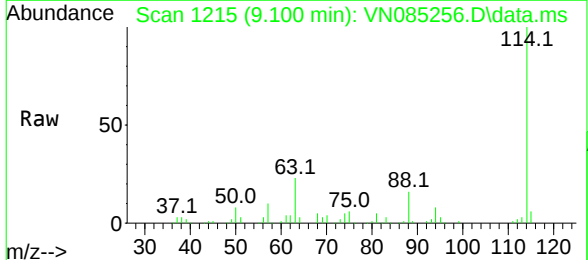
Manual Integrations
APPROVED

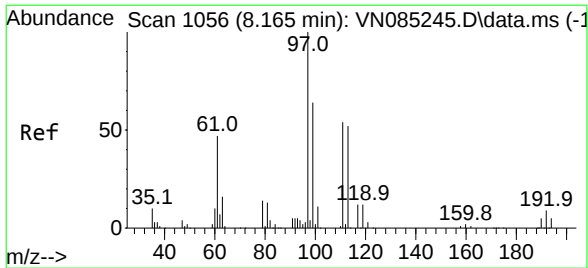
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

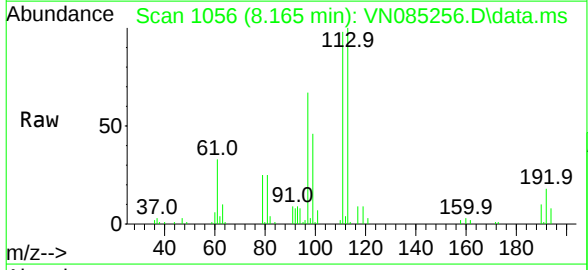
Tgt Ion:114 Resp: 176939
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.2
88 15.8 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 49.538 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN085256.D
 Acq: 18 Dec 2024 17:32

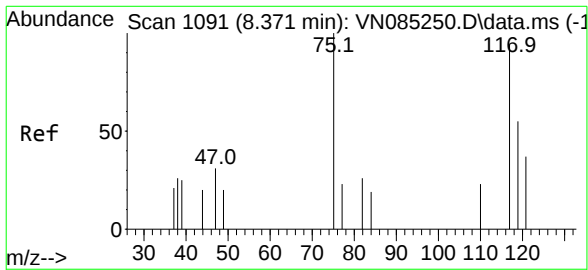
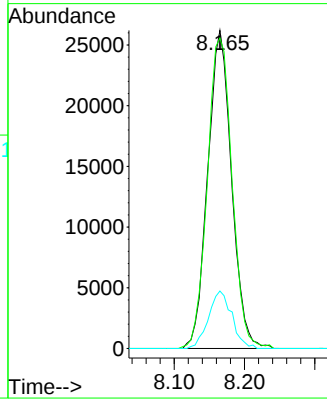
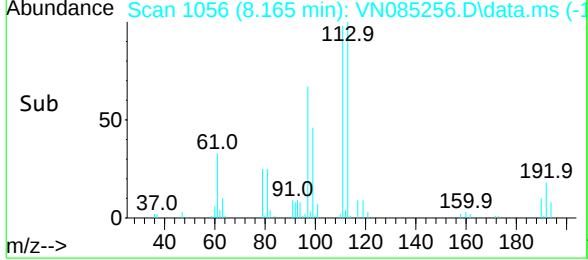
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBSD01



Tgt Ion:	113	Resp:	61624
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	17.8	13.4	20.0

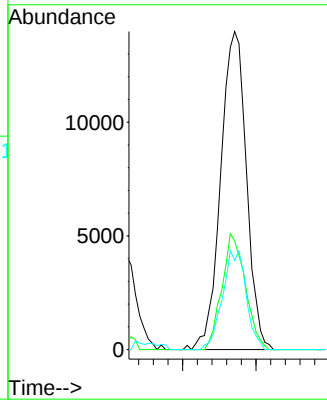
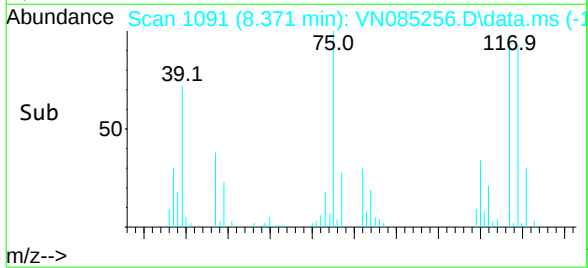
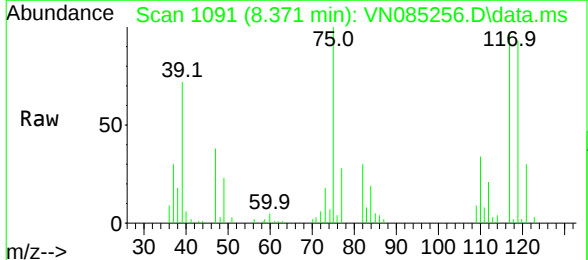
Manual Integrations
 APPROVED

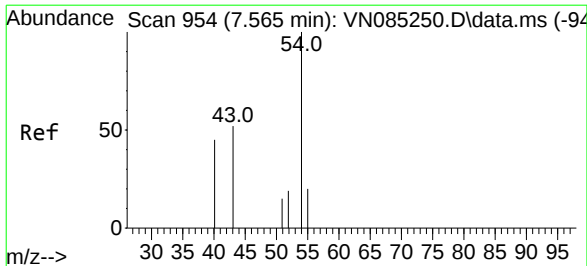
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#36
 1,1-Dichloropropene
 Concen: 19.684 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085256.D
 Acq: 18 Dec 2024 17:32

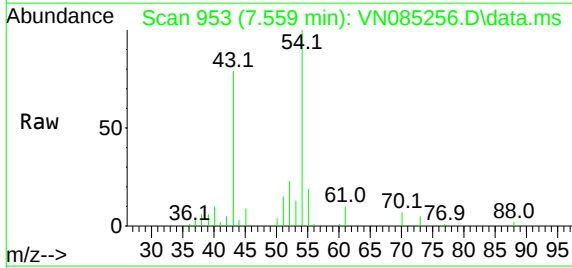
Tgt Ion:	75	Resp:	34096
Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.0	48.0
77	28.7	24.6	36.8





#37
Ethyl Acetate
Concen: 22.436 ug/l
RT: 7.559 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

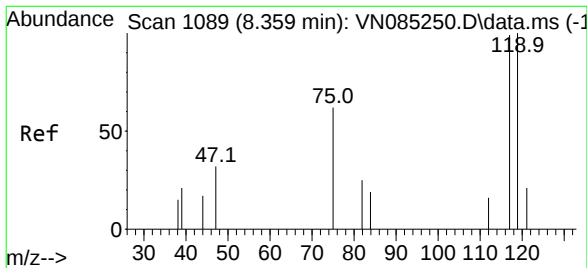
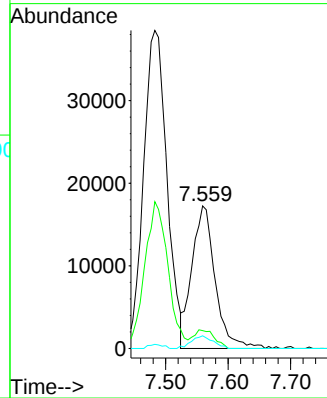
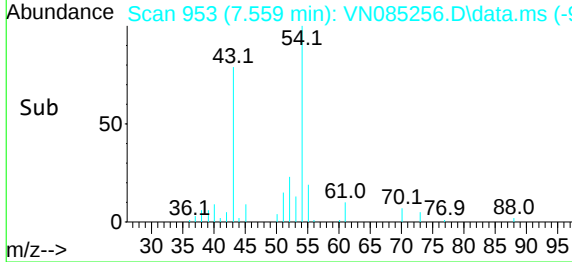
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 43 Resp: 44835
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.6
70 8.2 7.8 11.8

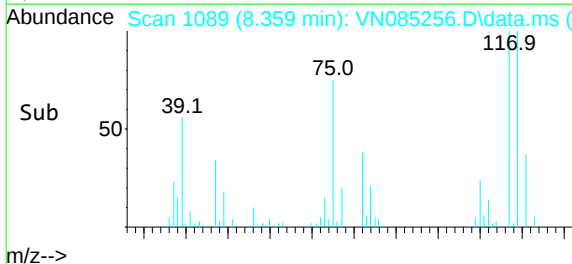
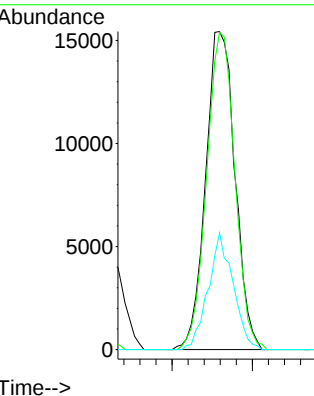
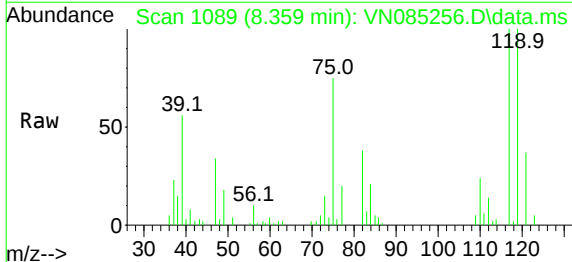
Manual Integrations
APPROVED

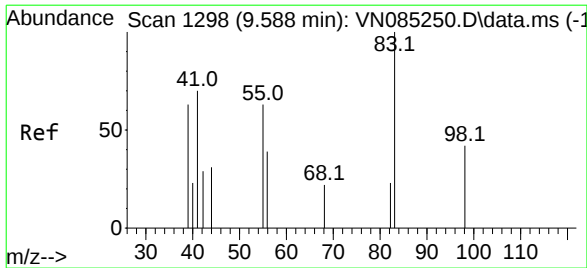
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 18.718 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion:117 Resp: 39201
Ion Ratio Lower Upper
117 100
119 99.8 74.8 112.2
121 36.7 24.2 36.4#





#39
Methylcyclohexane
Concen: 18.408 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

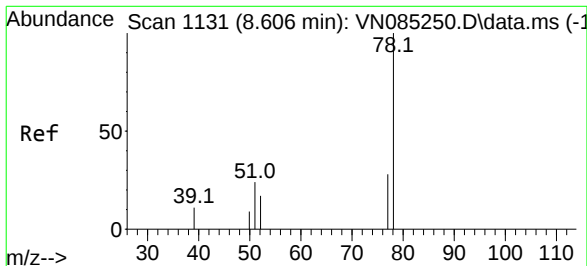
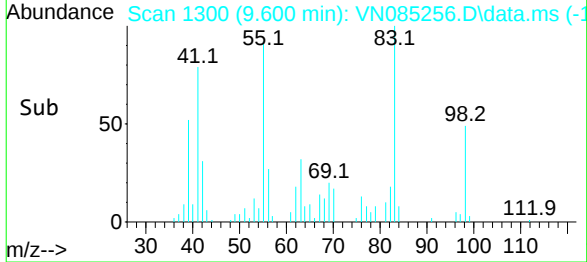
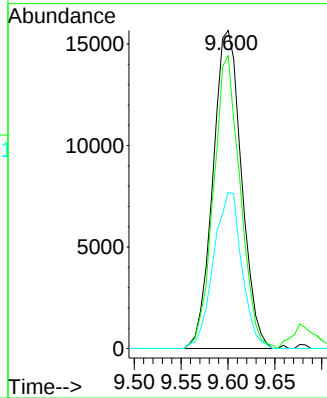
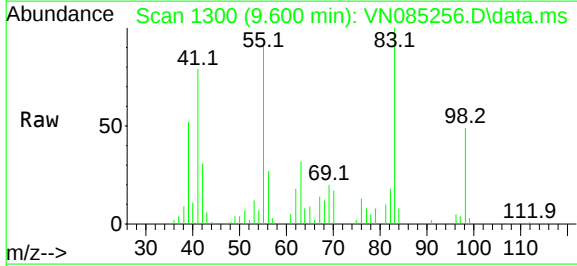
ClientSampleId :

VN1218WBSD01

Tgt Ion: 83 Resp: 33181
Ion Ratio Lower Upper
83 100
55 92.1 66.8 100.2
98 49.1 39.4 59.2

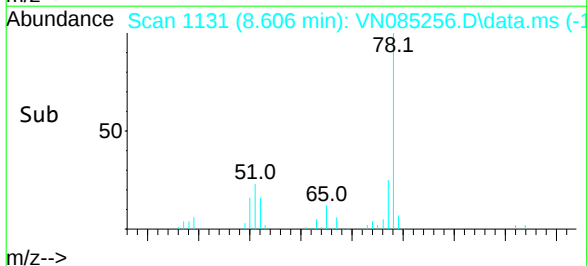
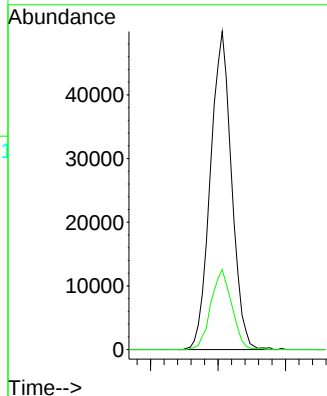
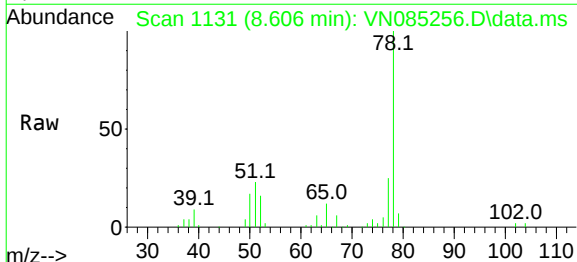
Manual Integrations
APPROVED

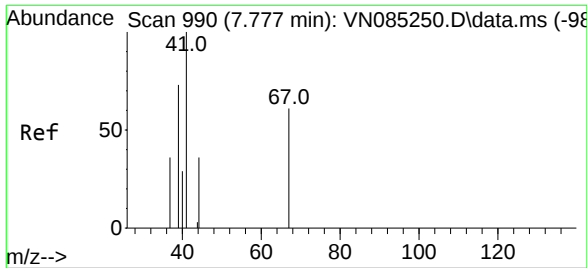
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 20.236 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 78 Resp: 109048
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3





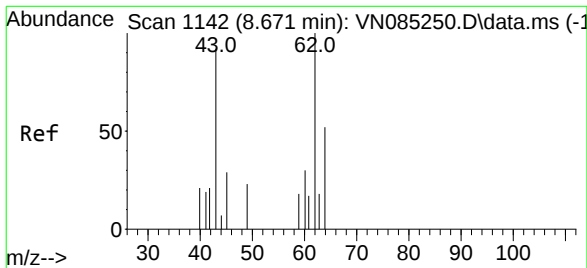
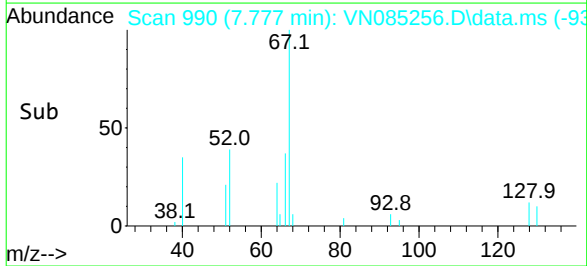
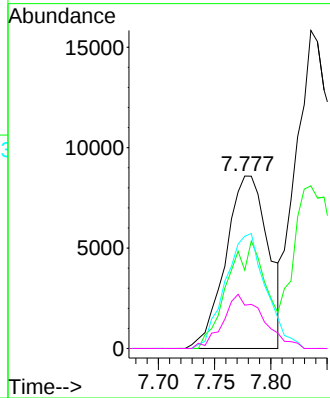
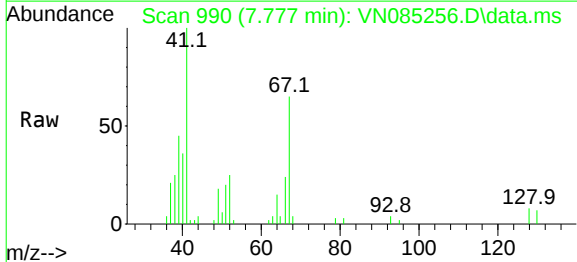
#41
Methacrylonitrile
Concen: 22.196 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion:	41	Resp:	22605
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.0	66.0
67	63.5	56.0	84.0
52	29.5	25.8	38.6

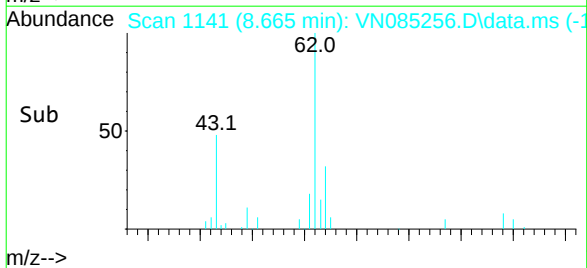
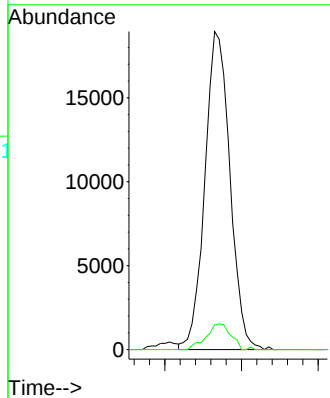
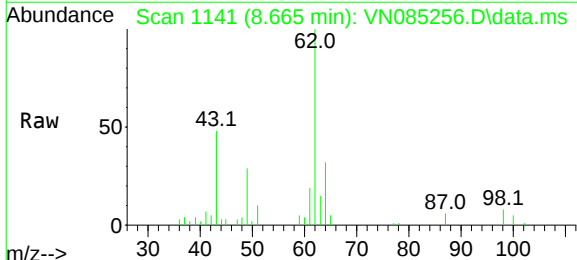
Manual Integrations
APPROVED

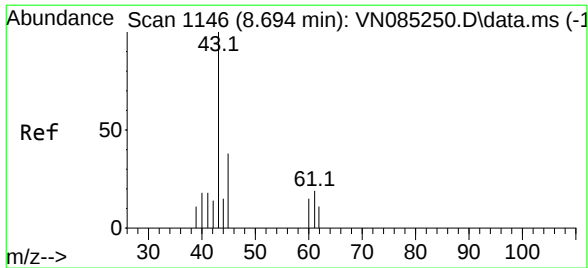
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 20.950 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

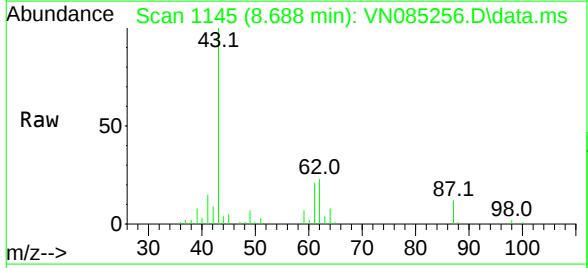
Tgt Ion:	62	Resp:	43001
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.4





#43
Isopropyl Acetate
Concen: 19.285 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

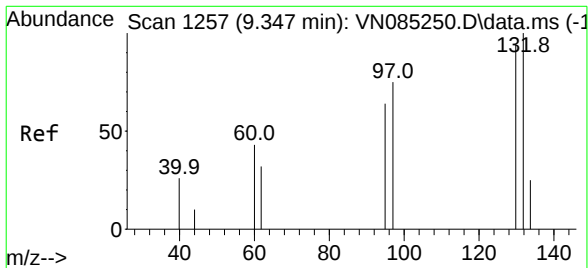
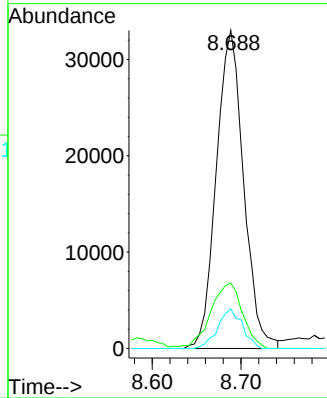
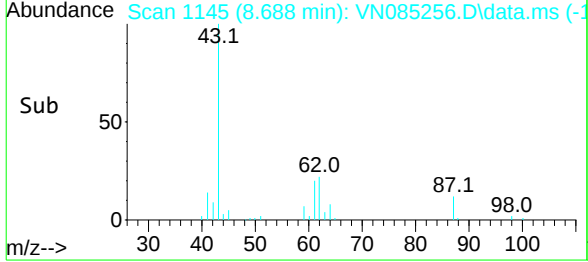
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 43 Resp: 70476
Ion Ratio Lower Upper
43 100
61 24.0 19.0 28.4
87 11.2 9.3 13.9

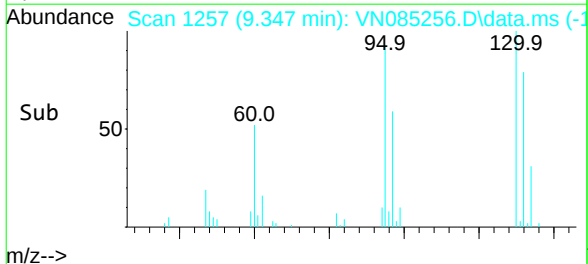
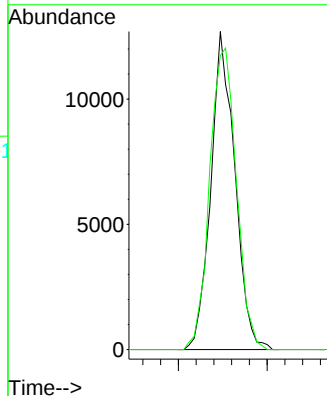
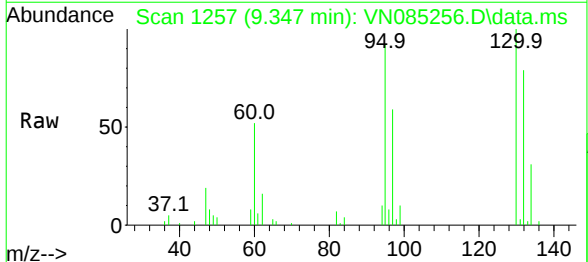
Manual Integrations
APPROVED

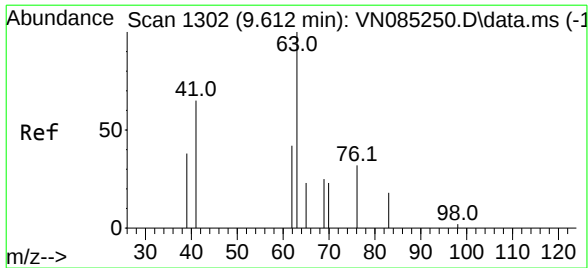
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 19.823 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

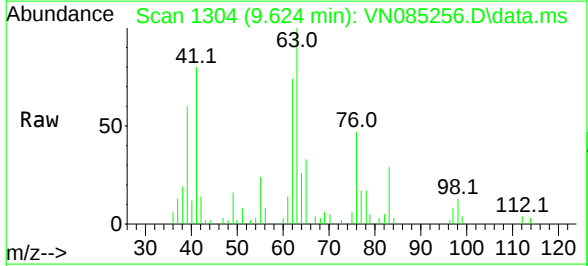
Tgt Ion:130 Resp: 23782
Ion Ratio Lower Upper
130 100
95 92.4 0.0 207.6





#45
1,2-Dichloropropane
Concen: 20.014 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

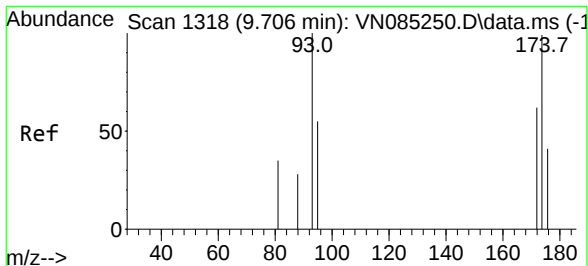
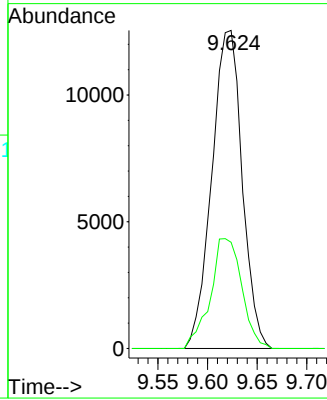
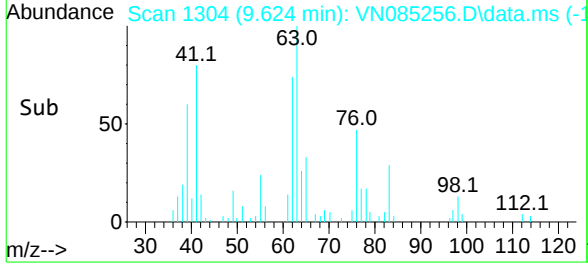
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 63 Resp: 26704
Ion Ratio Lower Upper
63 100
65 33.4 24.0 36.0

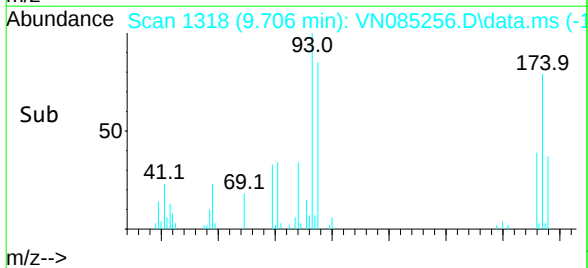
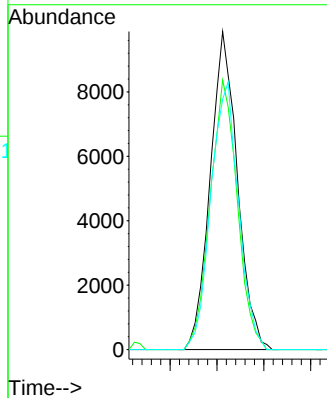
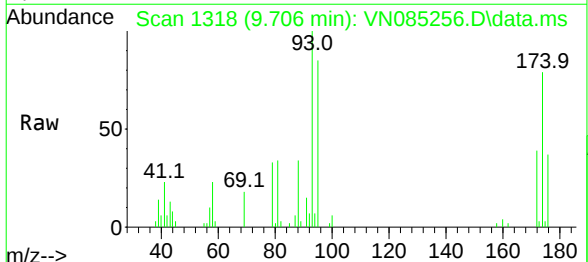
Manual Integrations
APPROVED

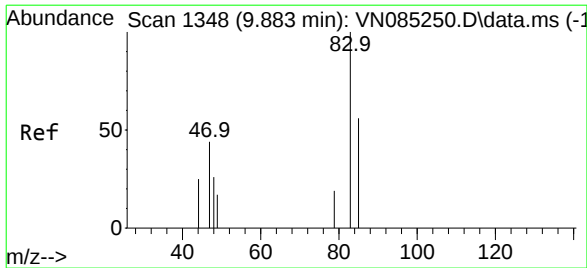
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 20.867 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

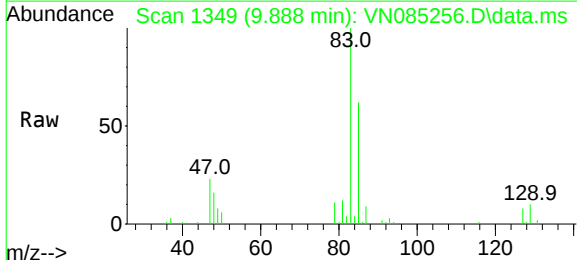
Tgt Ion: 93 Resp: 19875
Ion Ratio Lower Upper
93 100
95 84.6 67.0 100.6
174 85.8 69.3 103.9





#47
Bromodichloromethane
Concen: 20.572 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

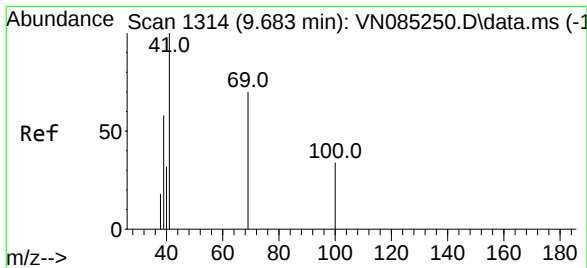
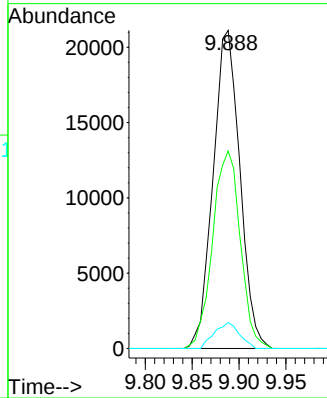
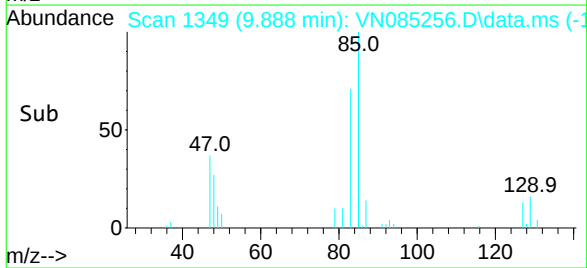
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 83 Resp: 41981
Ion Ratio Lower Upper
83 100
85 62.1 51.0 76.4
127 8.1 6.3 9.5

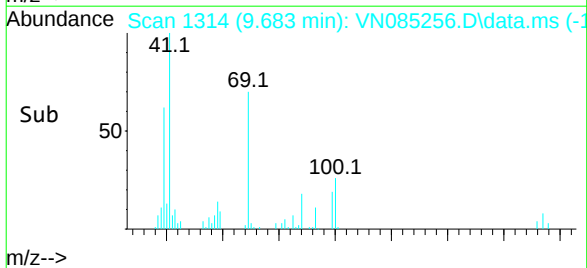
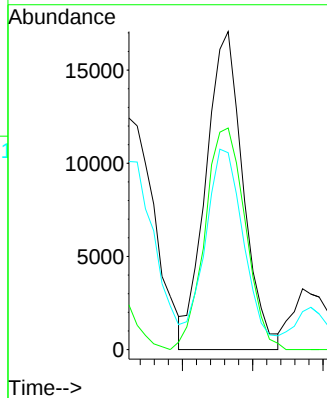
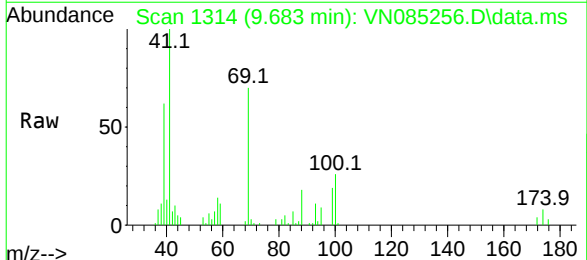
Manual Integrations
APPROVED

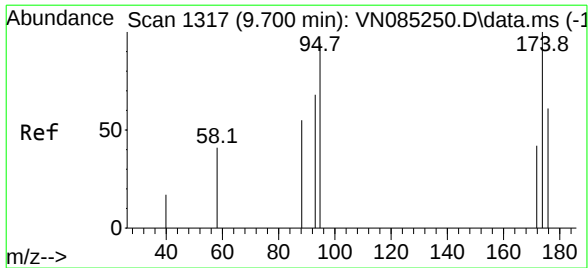
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 20.938 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

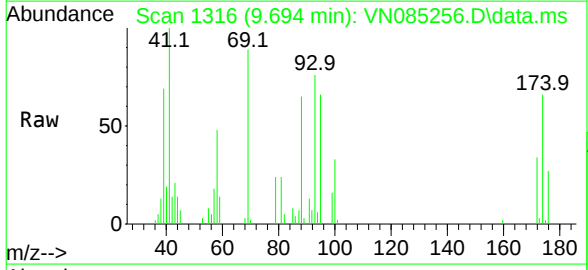
Tgt Ion: 41 Resp: 31367
Ion Ratio Lower Upper
41 100
69 75.7 61.0 91.4
39 66.6 49.8 74.8





#49
1,4-Dioxane
Concen: 431.594 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

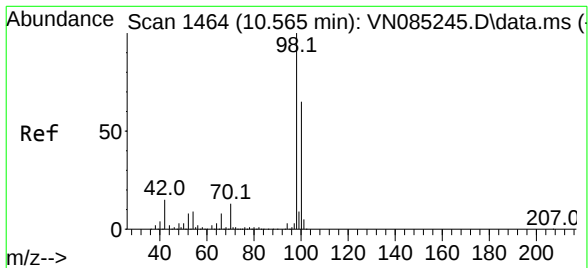
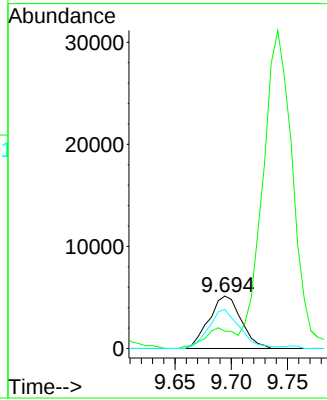
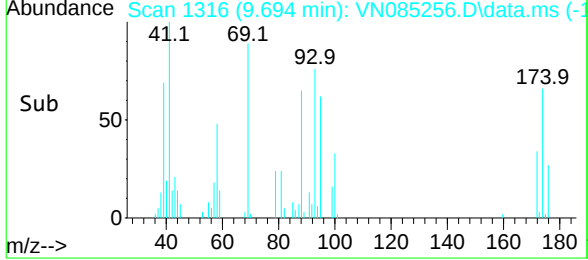
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 88 Resp: 10194
Ion Ratio Lower Upper
88 100
43 36.5 25.6 38.4
58 72.9 56.5 84.7

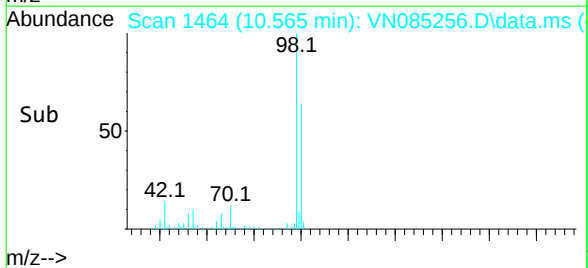
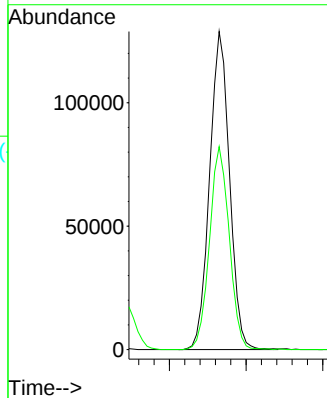
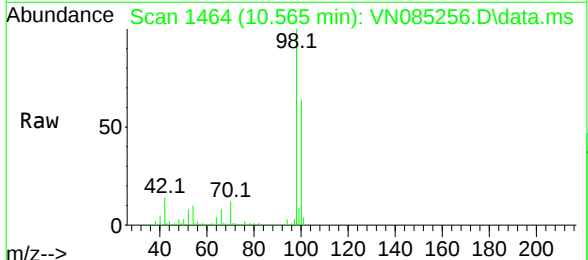
Manual Integrations
APPROVED

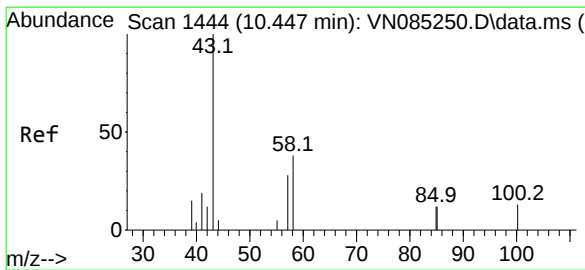
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 51.053 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 98 Resp: 232122
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4





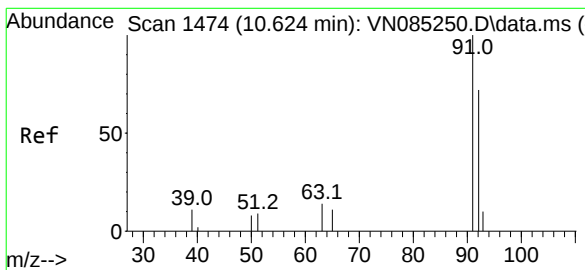
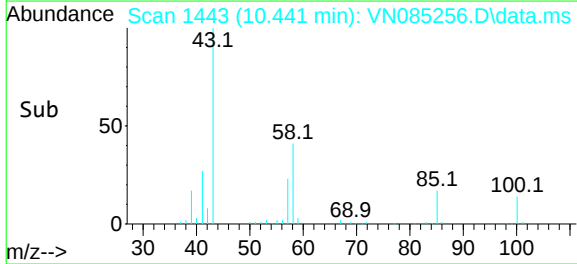
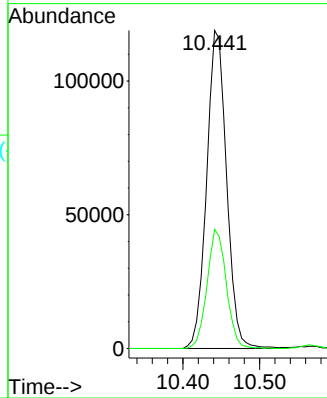
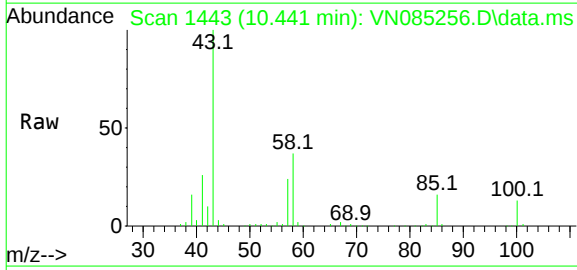
#51
4-Methyl-2-Pentanone
Concen: 111.817 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 43 Resp: 214707
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.2

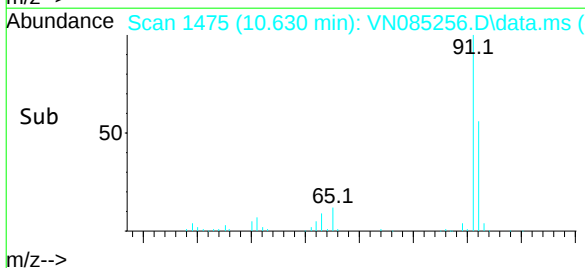
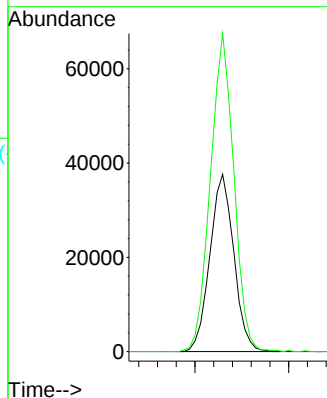
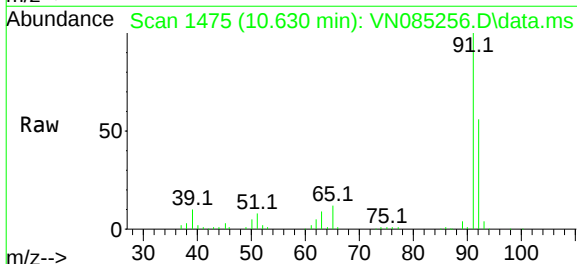
Manual Integrations
APPROVED

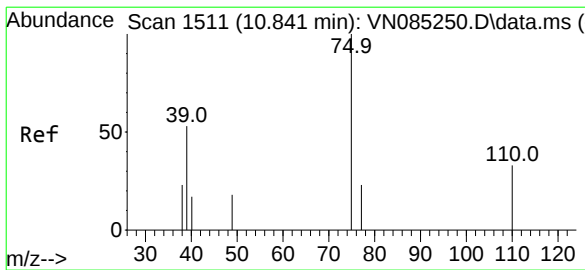
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 20.567 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

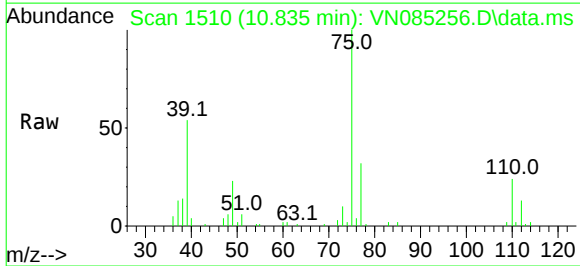
Tgt Ion: 92 Resp: 66641
Ion Ratio Lower Upper
92 100
91 176.3 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 20.977 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

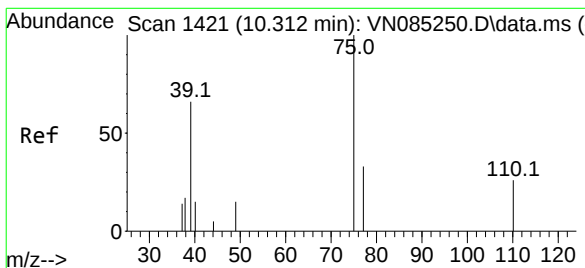
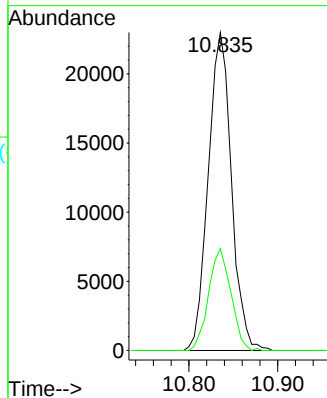
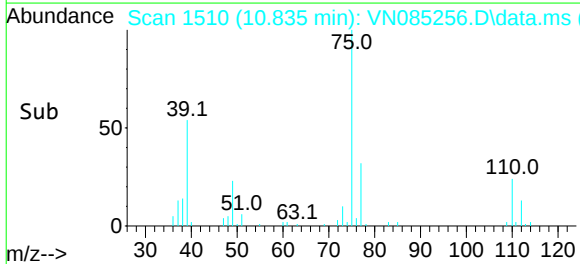
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



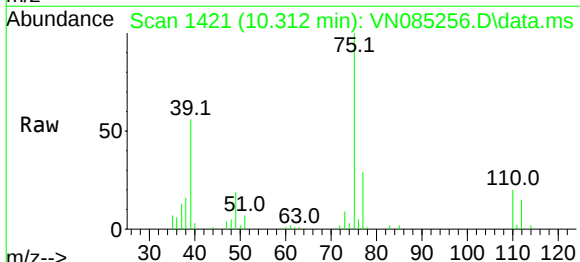
Tgt Ion: 75 Resp: 41726
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

Manual Integrations
APPROVED

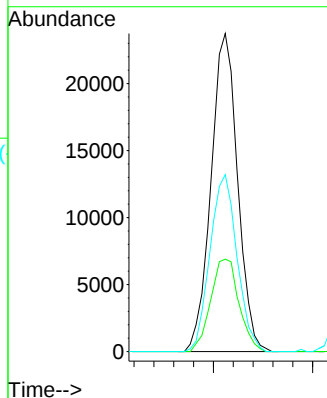
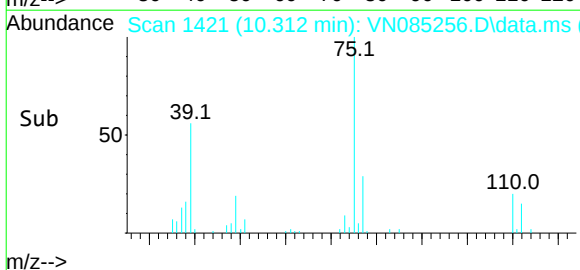
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

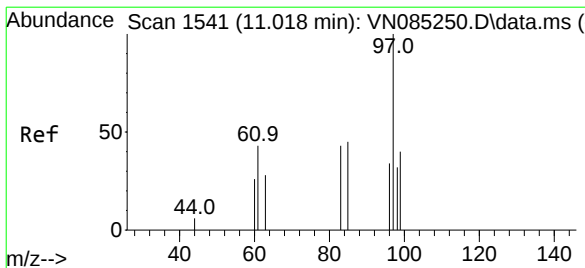


#54
cis-1,3-Dichloropropene
Concen: 20.893 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



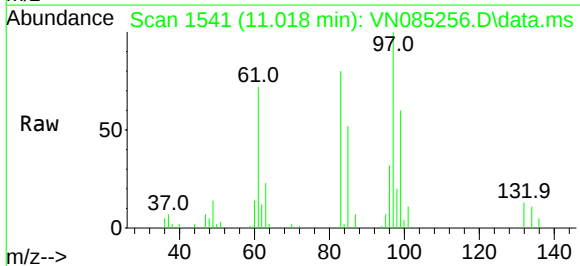
Tgt Ion: 75 Resp: 44185
Ion Ratio Lower Upper
75 100
77 29.1 26.6 39.8
39 55.6 45.3 67.9





#55
1,1,2-Trichloroethane
Concen: 21.476 ug/l
RT: 11.018 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

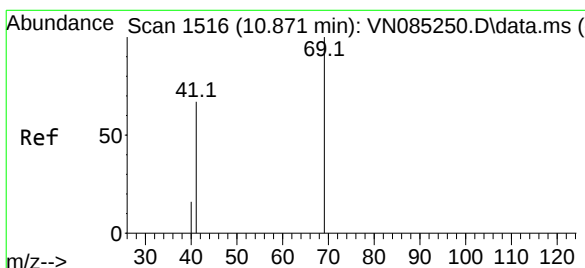
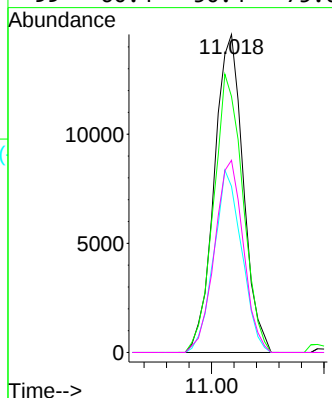
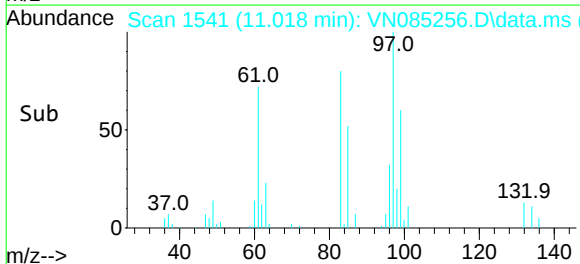
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



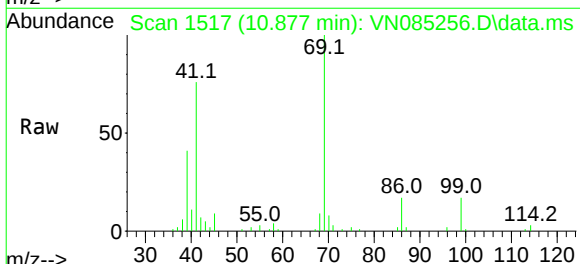
Tgt Ion:	97	Resp:	26056
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.6	104.4
85	52.2	45.7	68.5
99	60.4	50.4	75.6

Manual Integrations
APPROVED

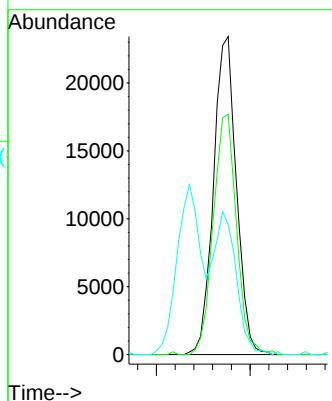
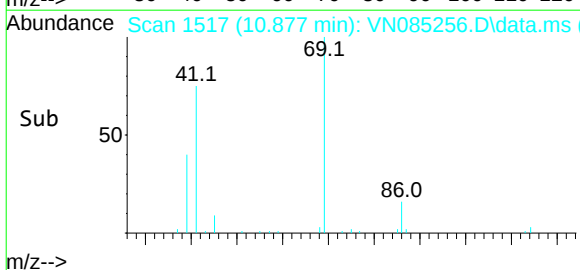
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

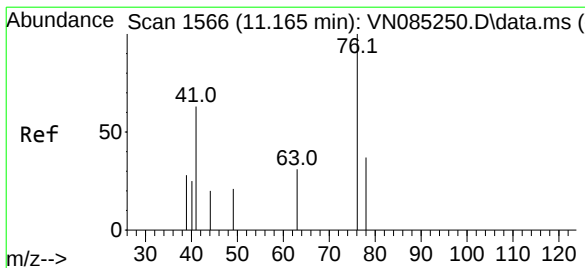


#56
Ethyl methacrylate
Concen: 18.720 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



Tgt Ion:	69	Resp:	39804
Ion	Ratio	Lower	Upper
69	100		
41	76.9	57.5	86.3
39	45.0	33.4	50.2





#57

1,3-Dichloropropane

Concen: 20.930 ug/l

RT: 11.159 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01

Tgt Ion: 76 Resp: 44693

Ion Ratio Lower Upper

76 100

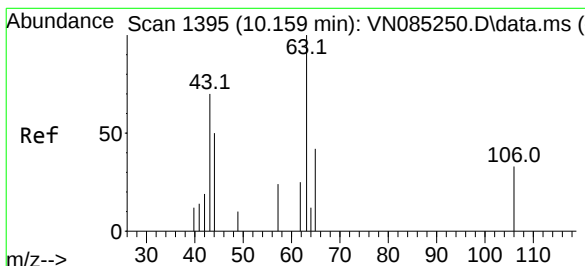
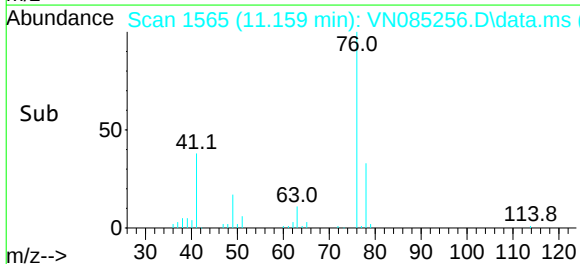
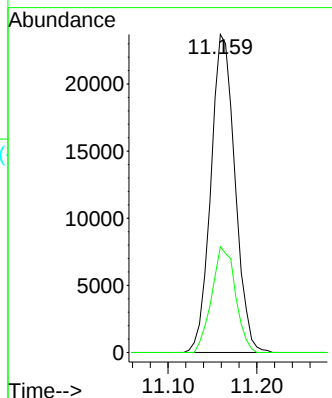
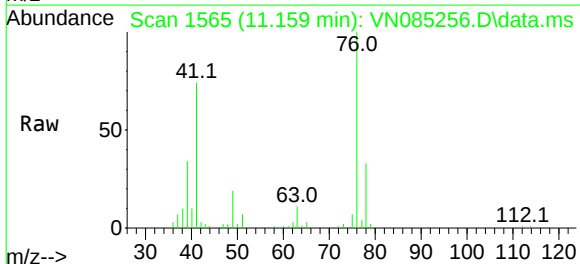
78 32.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 87.728 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085256.D

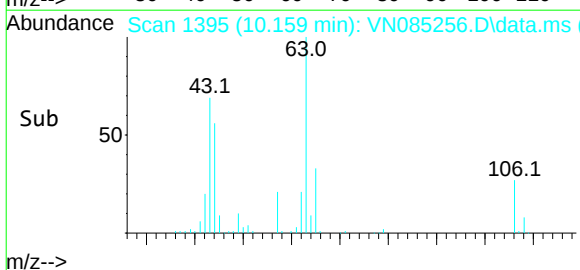
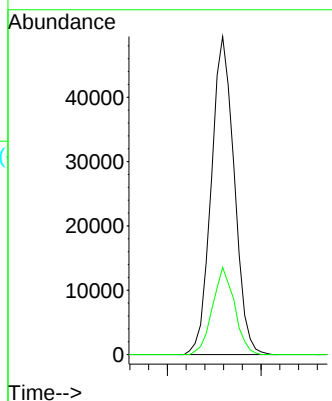
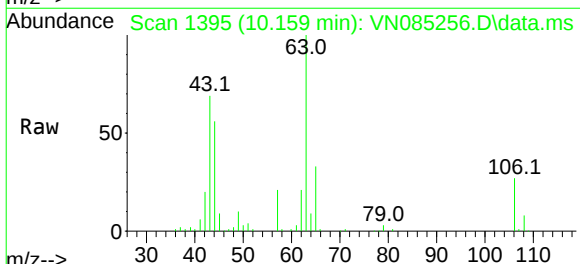
Acq: 18 Dec 2024 17:32

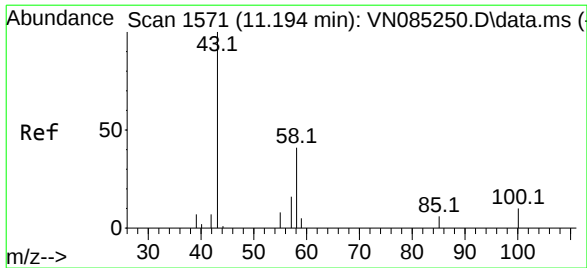
Tgt Ion: 63 Resp: 84246

Ion Ratio Lower Upper

63 100

106 26.3 21.2 31.8





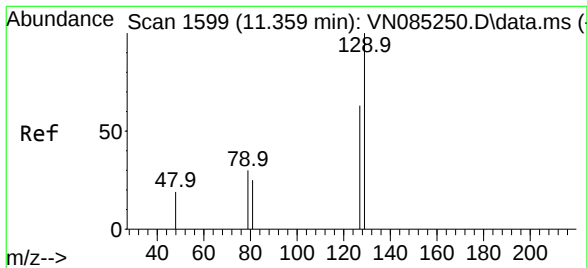
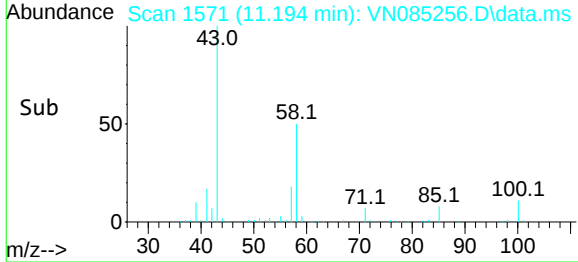
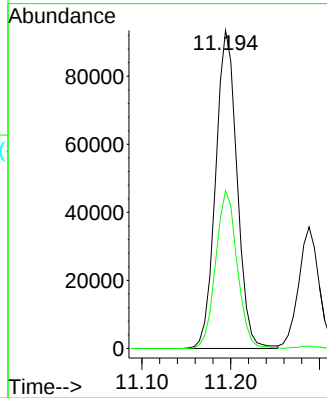
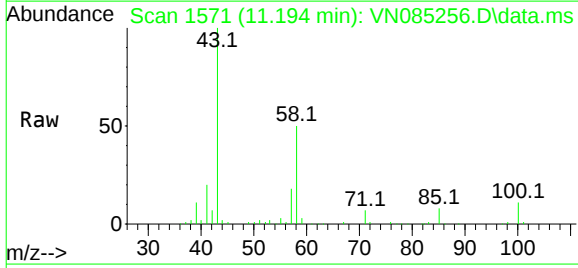
#59
2-Hexanone
Concen: 114.221 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 43 Resp: 156341
Ion Ratio Lower Upper
43 100
58 49.8 25.8 77.4

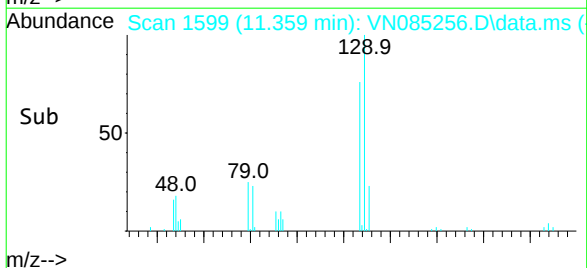
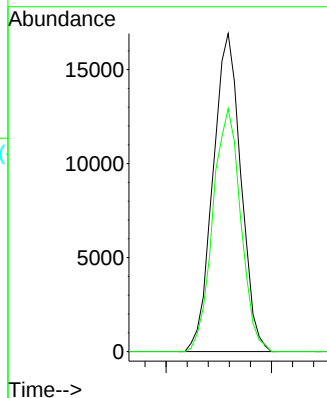
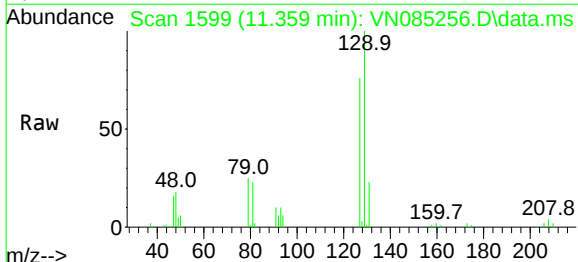
Manual Integrations
APPROVED

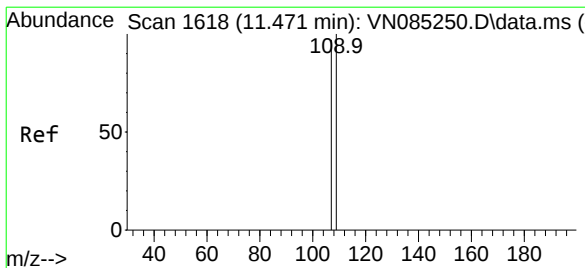
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 21.603 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

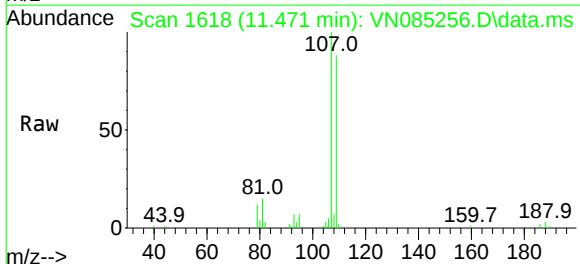
Tgt Ion:129 Resp: 31063
Ion Ratio Lower Upper
129 100
127 76.4 39.6 118.8





#61
1,2-Dibromoethane
Concen: 20.850 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

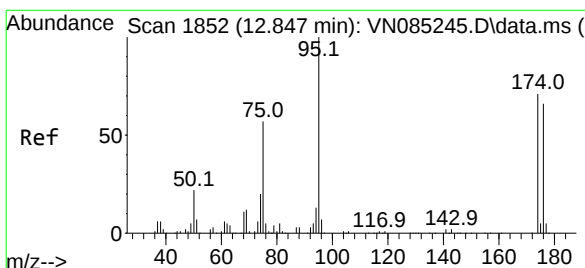
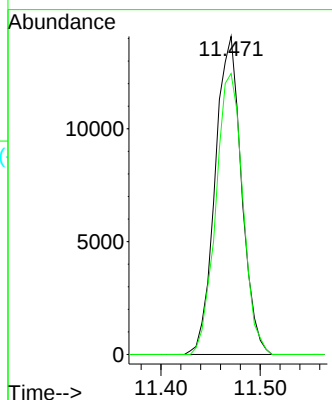
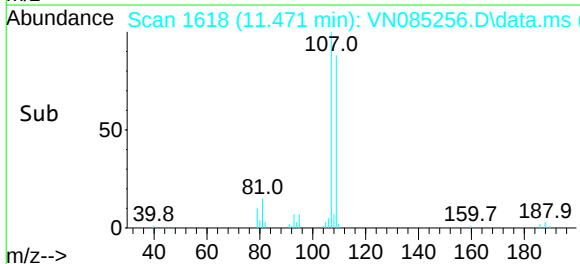
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



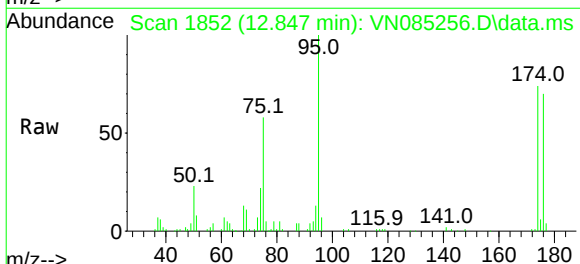
Tgt Ion: 107 Resp: 26055
Ion Ratio Lower Upper
107 100
109 90.2 74.2 111.4

Manual Integrations
APPROVED

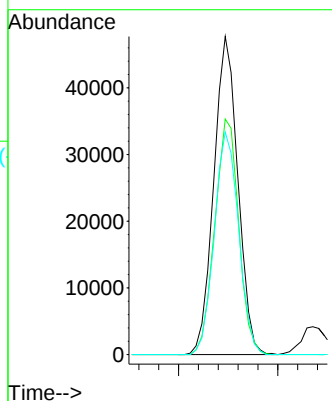
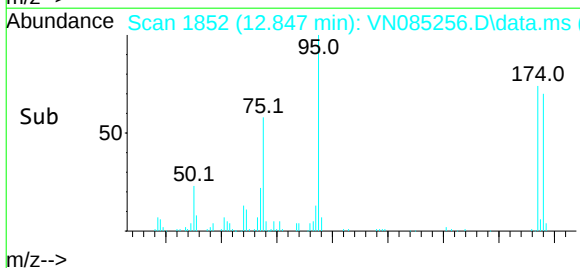
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

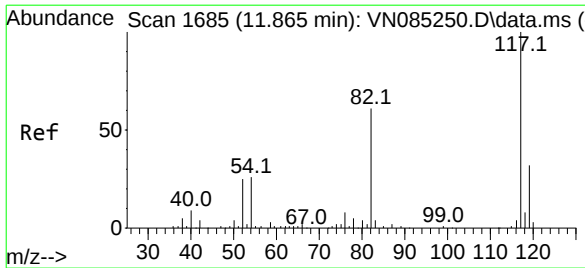


#62
4-Bromofluorobenzene
Concen: 49.464 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



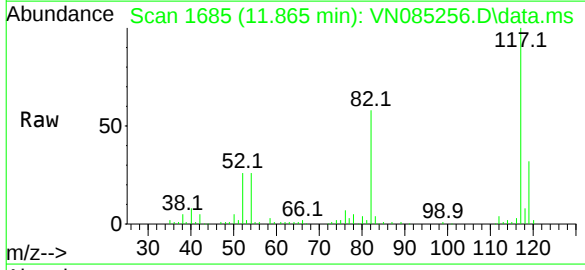
Tgt Ion: 95 Resp: 80327
Ion Ratio Lower Upper
95 100
174 73.5 0.0 144.4
176 70.5 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

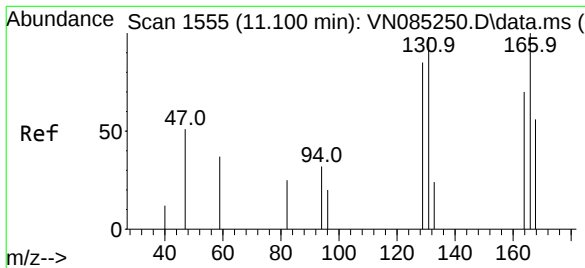
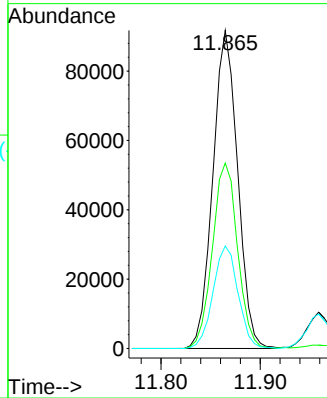
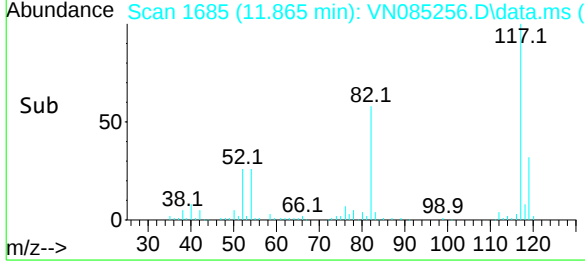
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



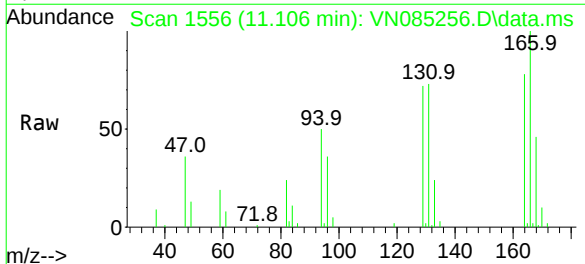
Tgt Ion:117 Resp: 159024
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.2 25.6 38.4

Manual Integrations
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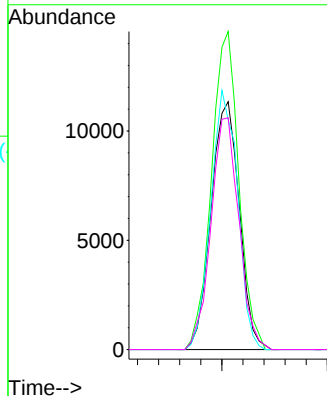
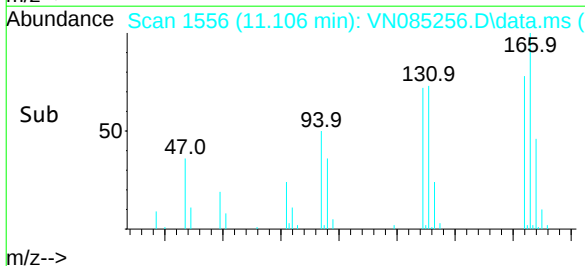
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

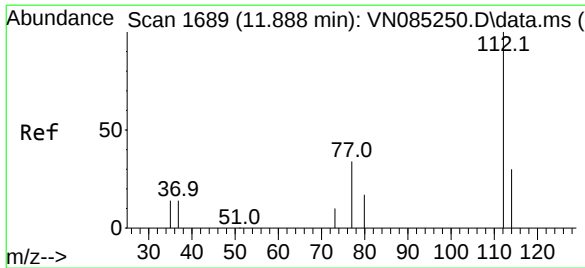


#64
Tetrachloroethene
Concen: 19.760 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



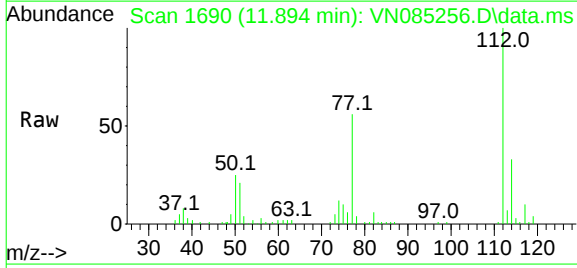
Tgt Ion:164 Resp: 21145
Ion Ratio Lower Upper
164 100
166 128.3 101.5 152.3
129 92.7 79.4 119.2
131 93.5 73.9 110.9





#65
Chlorobenzene
Concen: 19.819 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

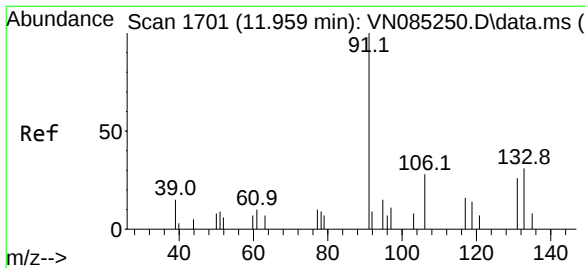
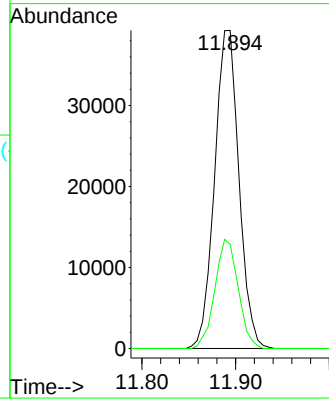
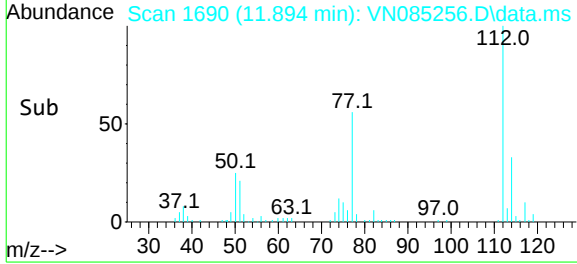
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion:112 Resp: 70845
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4

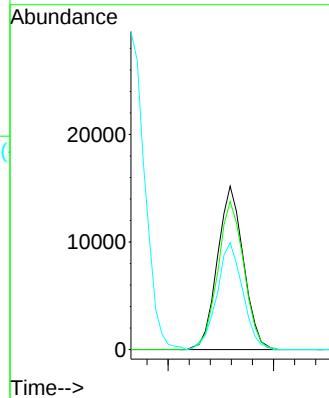
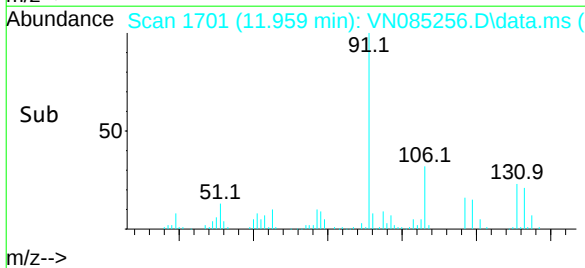
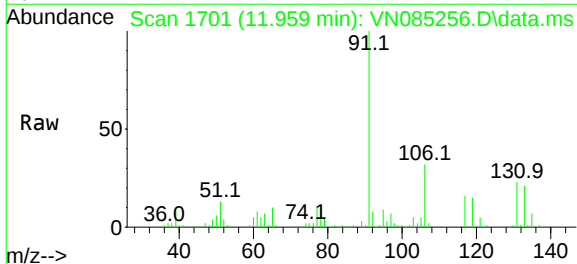
Manual Integrations
APPROVED

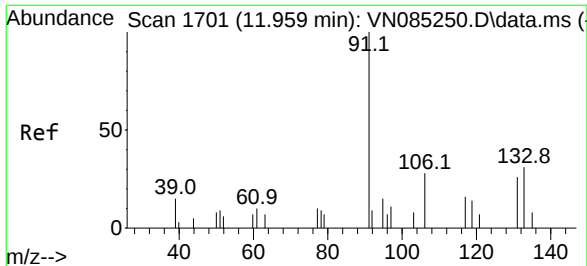
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.884 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion:131 Resp: 26045
Ion Ratio Lower Upper
131 100
133 91.2 48.6 145.8
119 64.8 32.5 97.5





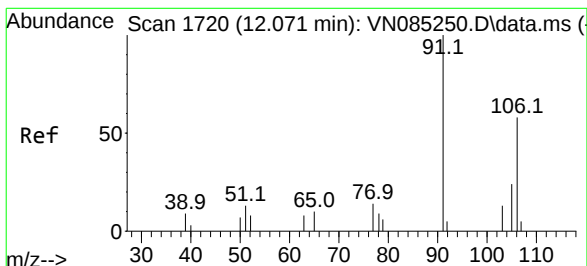
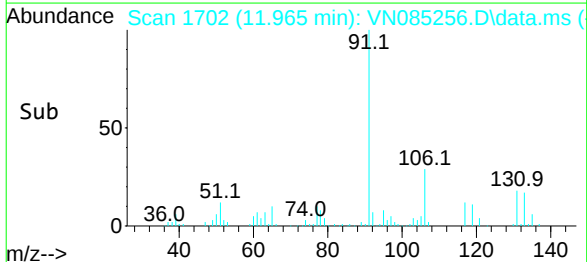
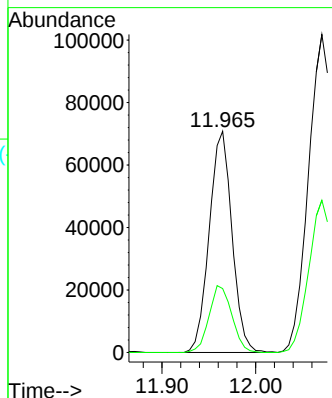
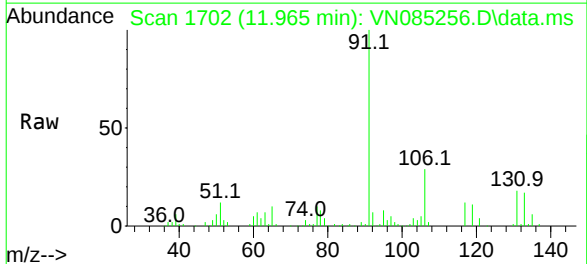
#67
Ethyl Benzene
Concen: 19.510 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 91 Resp: 119537
Ion Ratio Lower Upper
91 100
106 28.9 23.5 35.3

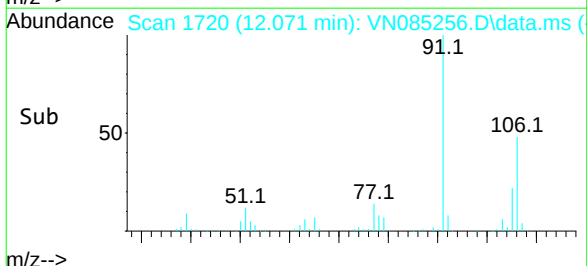
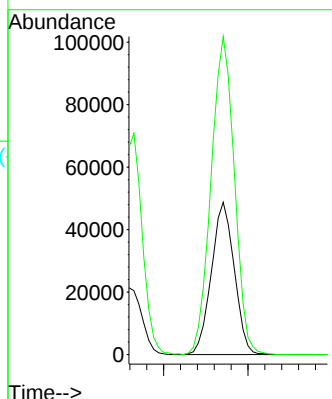
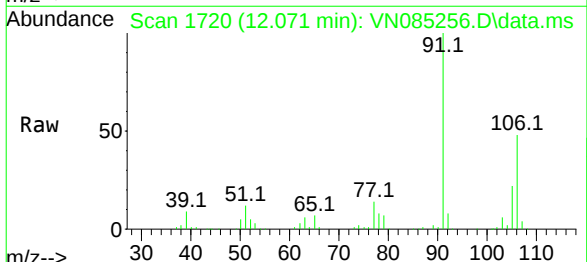
Manual Integrations
APPROVED

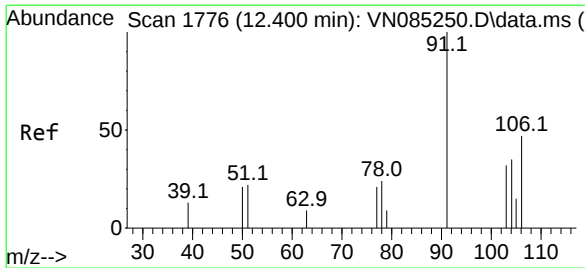
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 40.077 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion:106 Resp: 91838
Ion Ratio Lower Upper
106 100
91 213.1 168.3 252.5





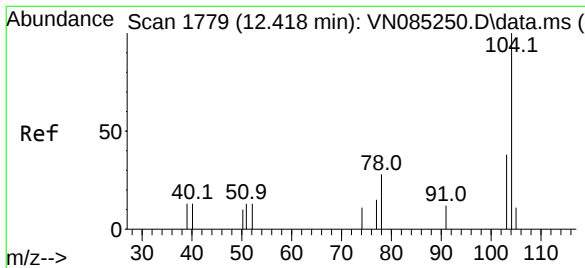
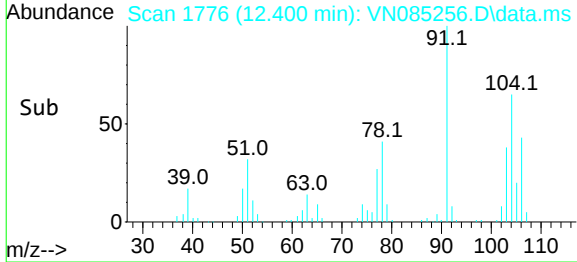
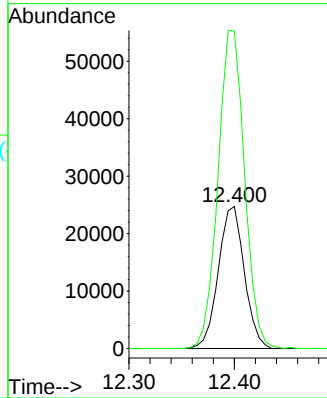
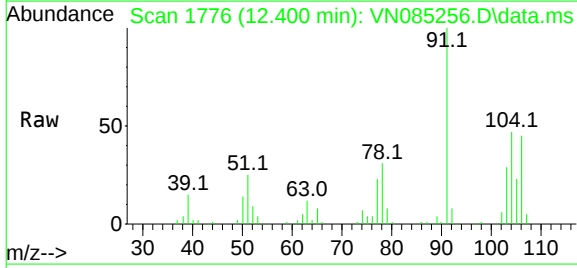
#69
o-Xylene
Concen: 19.650 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion:106 Resp: 42325
Ion Ratio Lower Upper
106 100
91 229.1 112.1 336.2

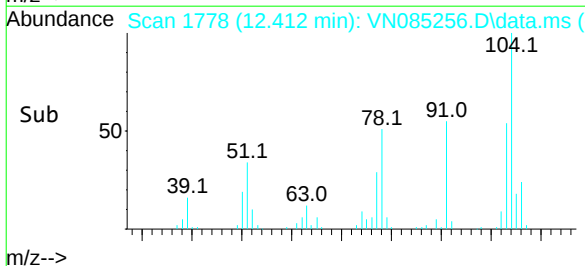
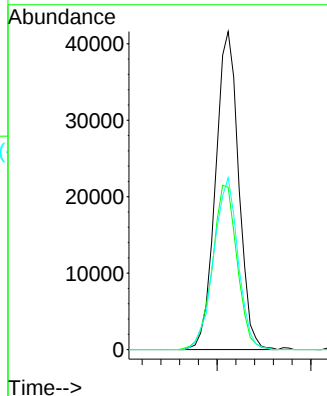
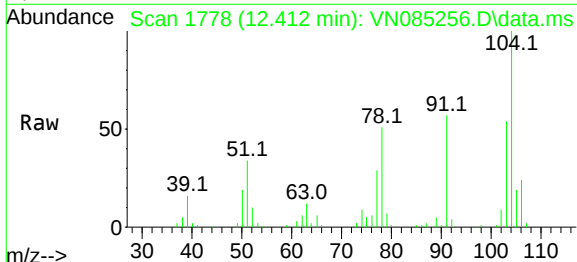
Manual Integrations
APPROVED

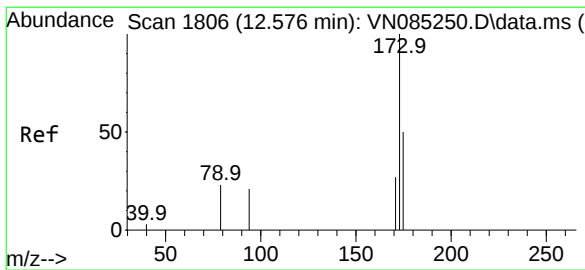
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
Styrene
Concen: 19.837 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion:104 Resp: 71330
Ion Ratio Lower Upper
104 100
78 55.4 43.2 64.8
103 56.9 44.6 66.8





#71

Bromoform

Concen: 20.539 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01

Tgt Ion:173 Resp: 20078

Ion Ratio Lower Upper

173 100

175 50.6 24.5 73.5

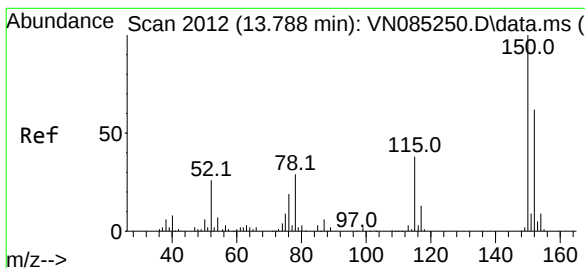
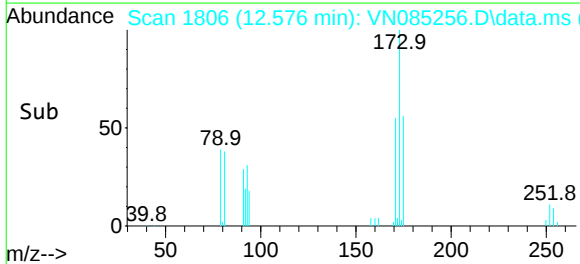
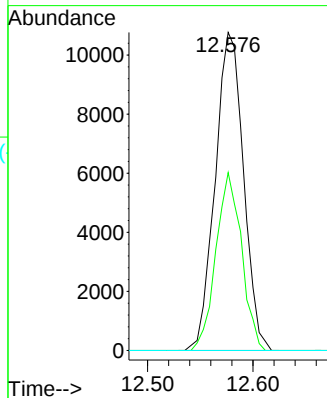
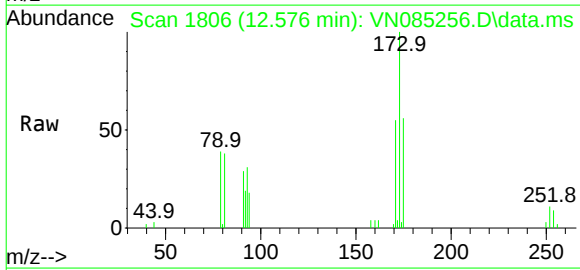
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

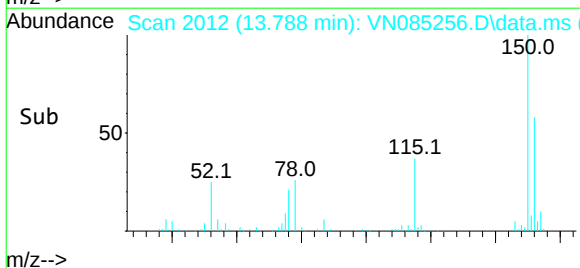
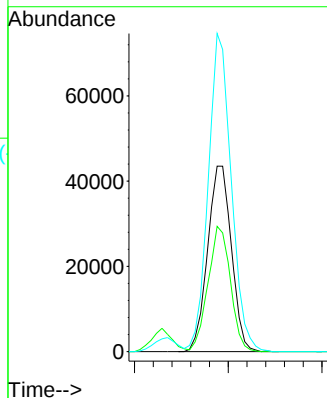
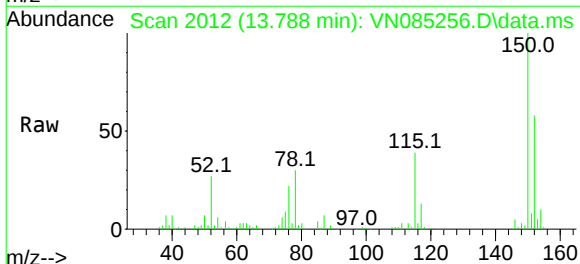
Tgt Ion:152 Resp: 76736

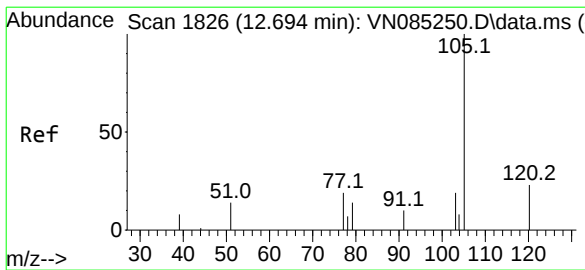
Ion Ratio Lower Upper

152 100

115 63.5 32.1 96.3

150 166.0 0.0 354.6





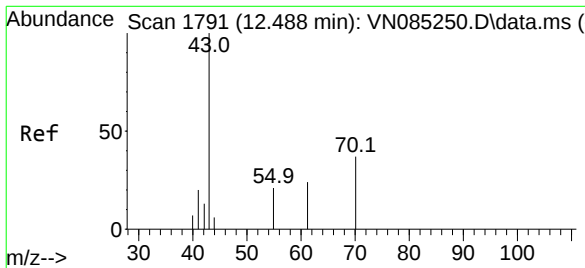
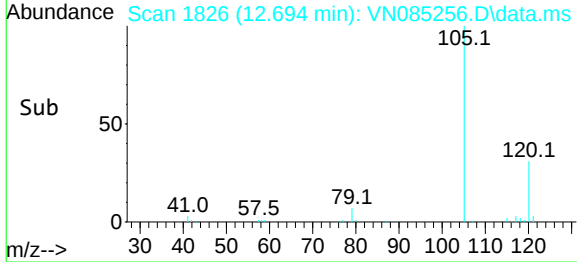
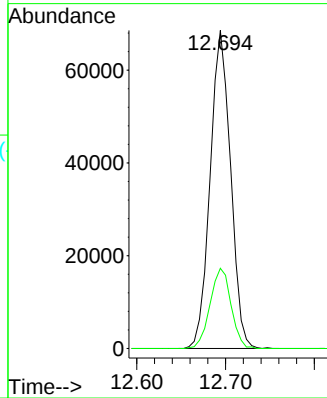
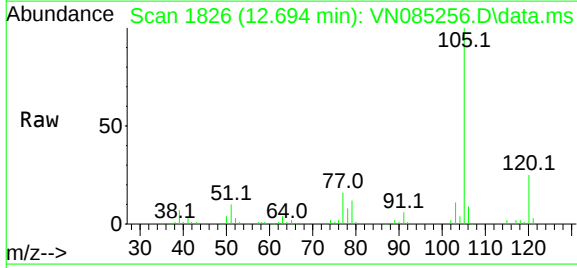
#73
Isopropylbenzene
Concen: 19.799 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 105 Resp: 109599
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

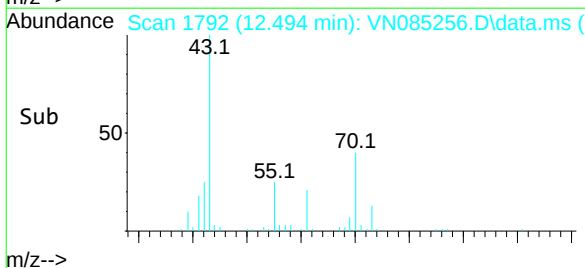
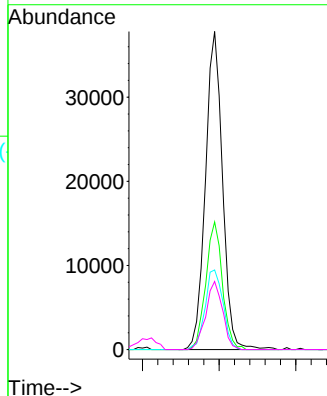
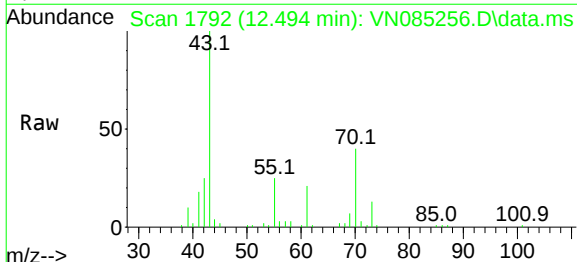
Manual Integrations
APPROVED

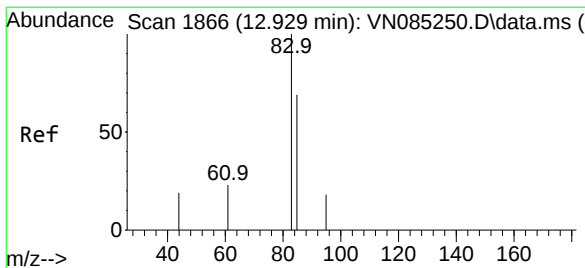
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#74
N-ethyl acetate
Concen: 21.162 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 43 Resp: 58508
Ion Ratio Lower Upper
43 100
70 38.9 31.5 47.3
55 26.3 19.0 28.4
61 21.2 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.368 ug/l

RT: 12.935 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085256.D

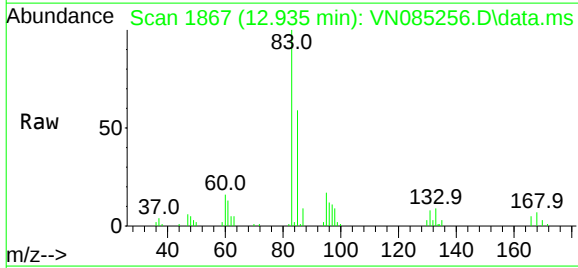
Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01



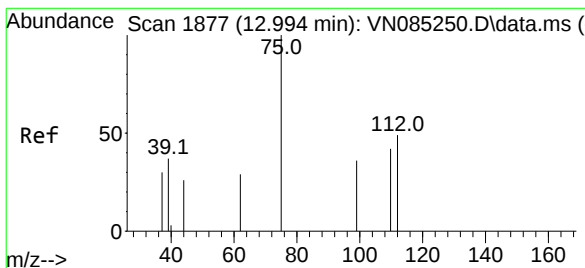
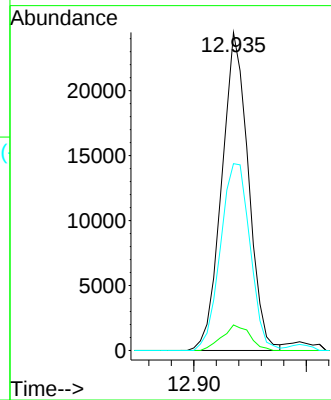
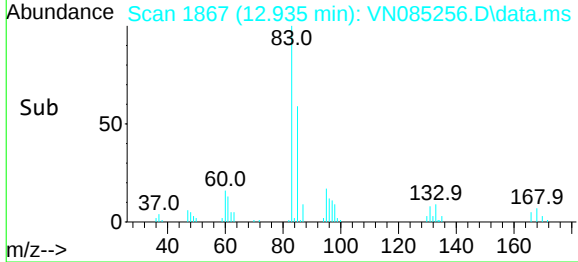
Tgt Ion:	83	Resp:	40171
Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.7	14.1
85	65.4	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

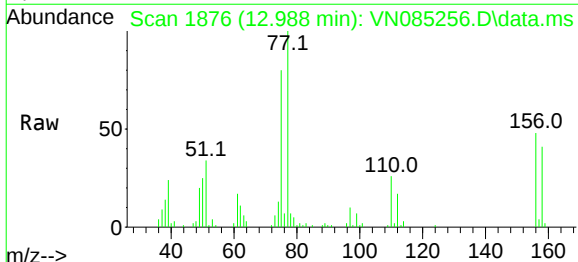
Concen: 21.273 ug/l m

RT: 12.988 min Scan# 1876

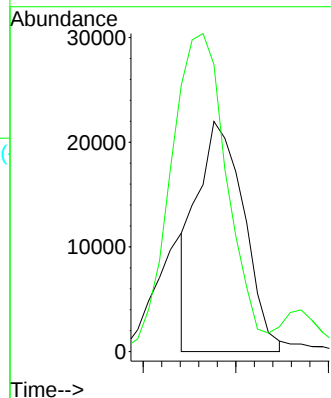
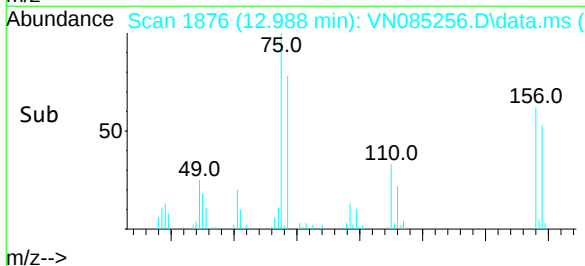
Delta R.T. -0.006 min

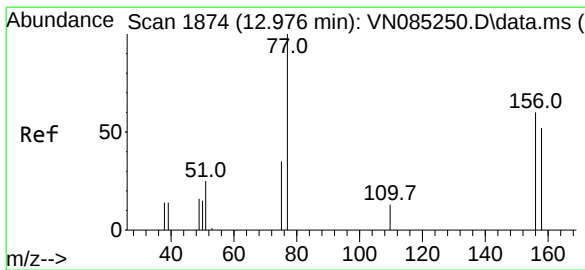
Lab File: VN085256.D

Acq: 18 Dec 2024 17:32



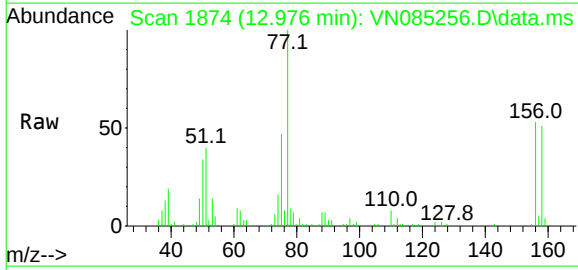
Tgt Ion:	75	Resp:	38911
Ion	Ratio	Lower	Upper
75	100		
77	166.4	102.6	307.7





#77
Bromobenzene
Concen: 19.786 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

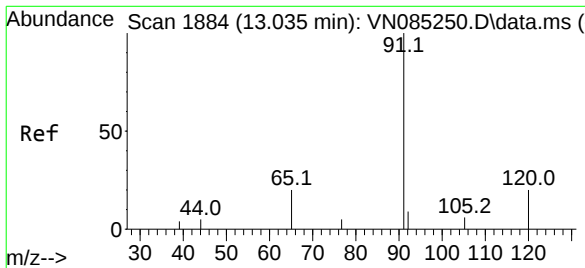
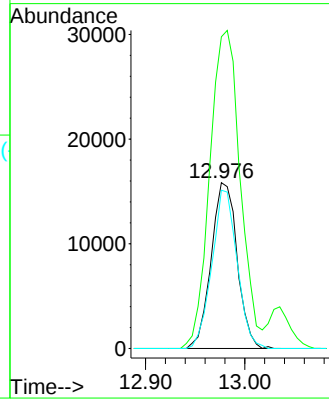
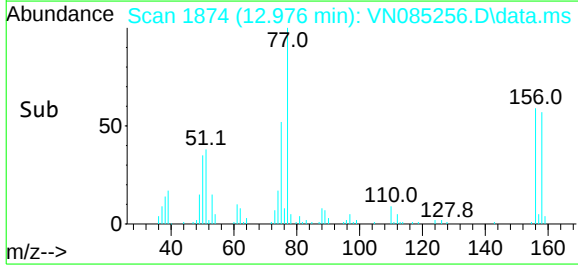
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 156 Resp: 28757
Ion Ratio Lower Upper
156 100
77 225.1 115.8 347.3
158 92.9 47.9 143.7

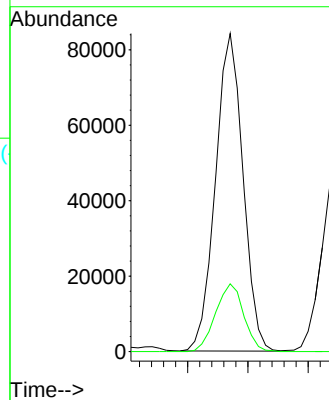
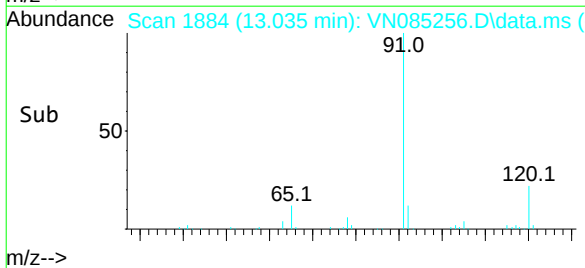
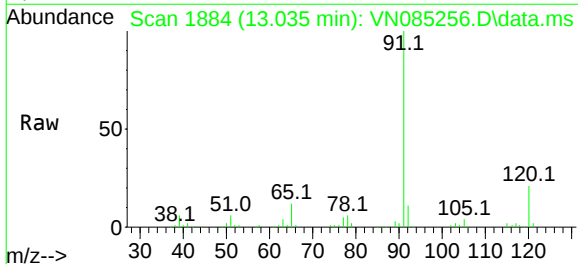
Manual Integrations
APPROVED

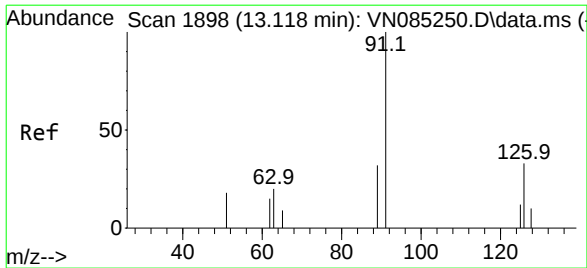
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 19.676 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 91 Resp: 133580
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.3





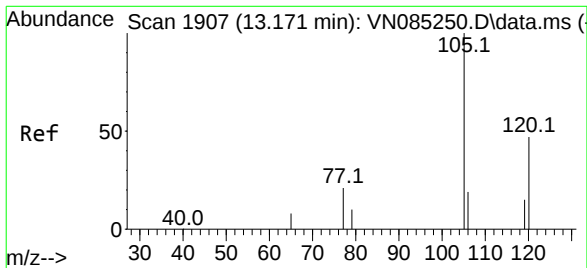
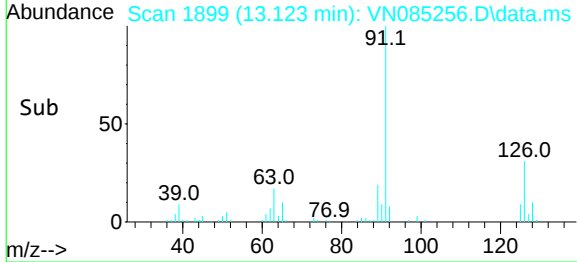
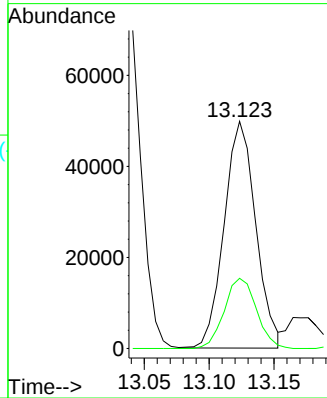
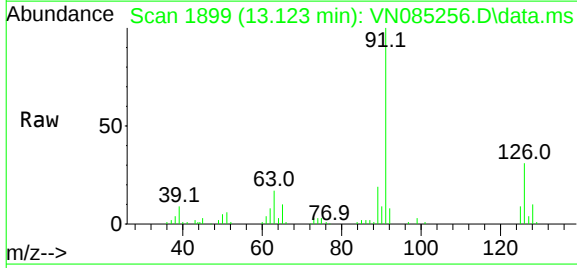
#79
2-Chlorotoluene
Concen: 19.607 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 91 Resp: 84514
Ion Ratio Lower Upper
91 100
126 31.4 15.2 45.5

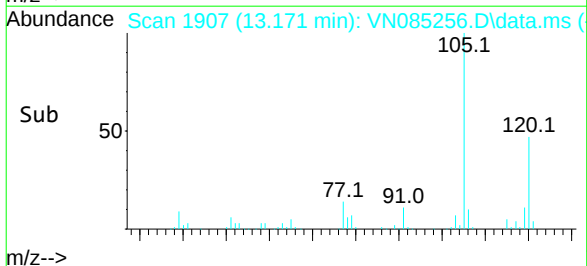
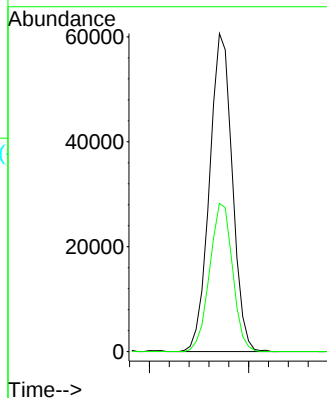
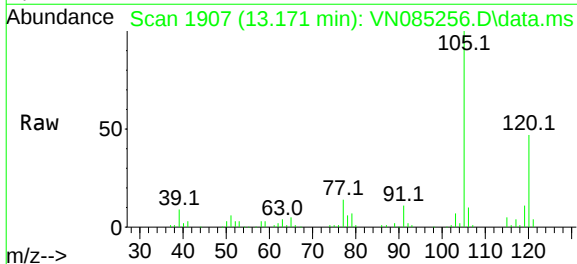
Manual Integrations
APPROVED

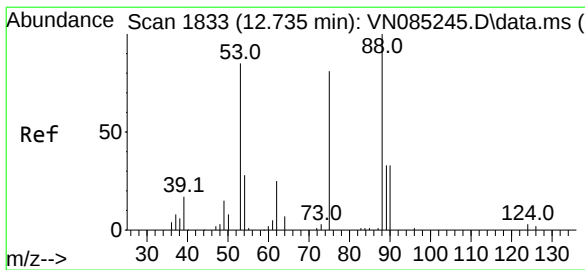
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.024 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Tgt Ion:105 Resp: 97070
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2





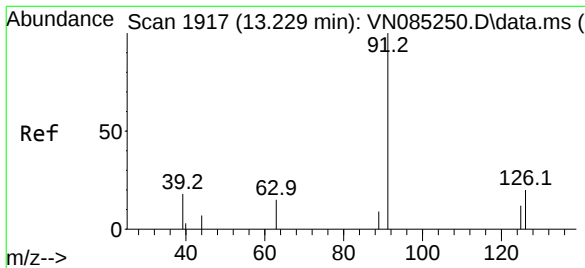
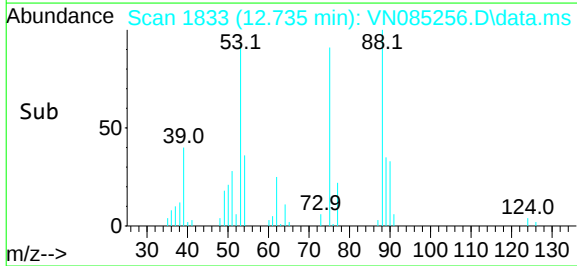
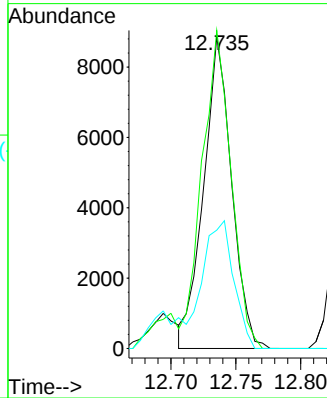
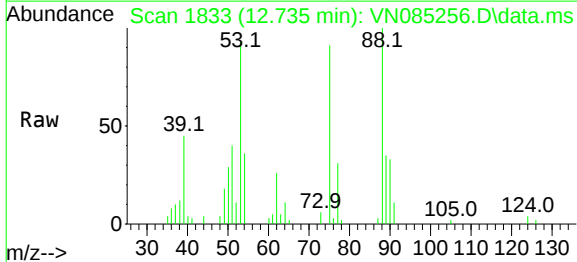
#81
trans-1,4-Dichloro-2-butene
Concen: 19.320 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01

Tgt Ion: 75 Resp: 13309
Ion Ratio Lower Upper
75 100
53 116.1 84.9 127.3
89 44.9 37.9 56.9

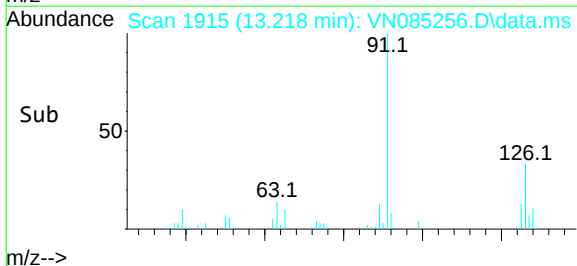
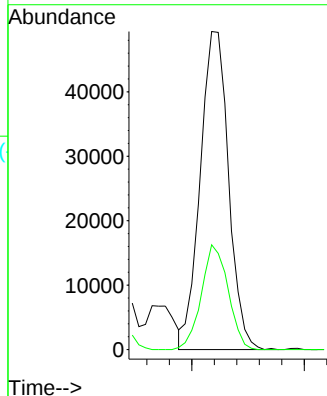
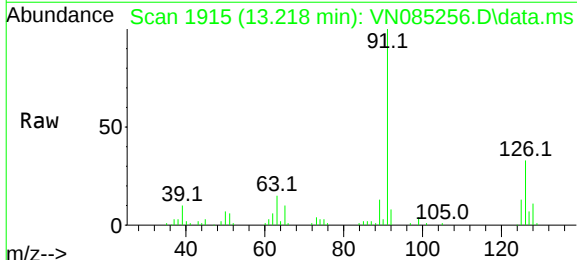
Manual Integrations
APPROVED

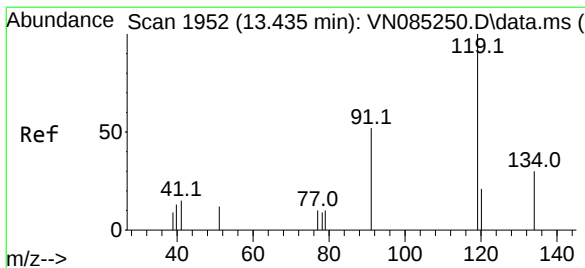
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 19.828 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

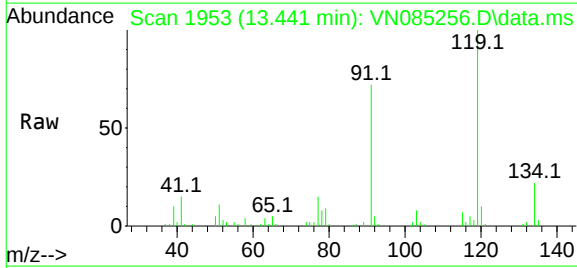
Tgt Ion: 91 Resp: 86485
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8





#83
tert-Butylbenzene
Concen: 19.952 ug/l
RT: 13.441 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

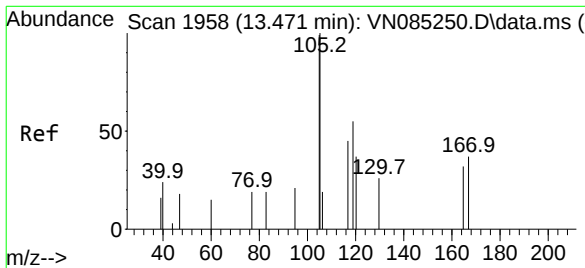
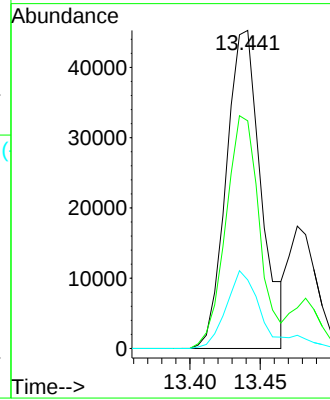
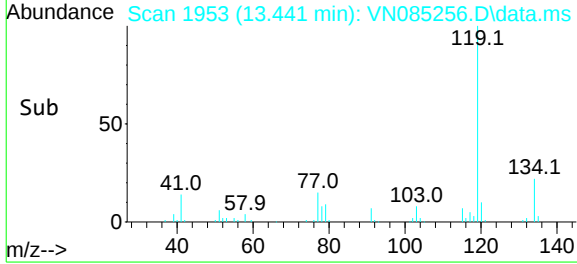
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion:119 Resp: 78124
Ion Ratio Lower Upper
119 100
91 70.7 36.3 108.7
134 25.7 12.2 36.6

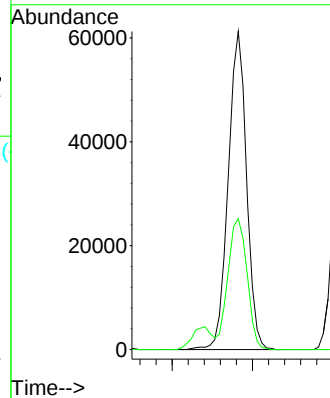
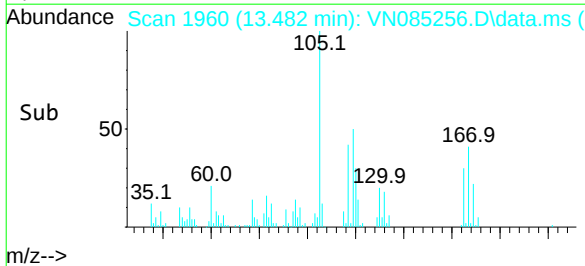
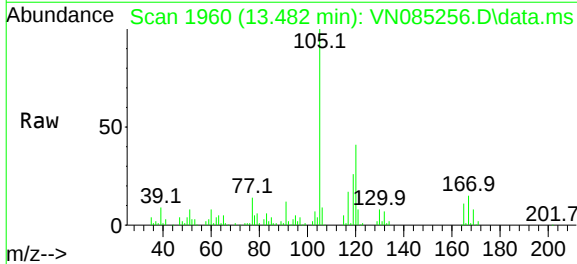
Manual Integrations
APPROVED

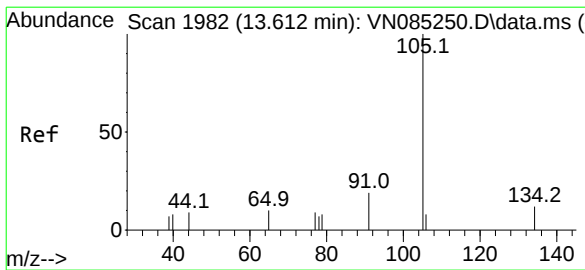
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.548 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

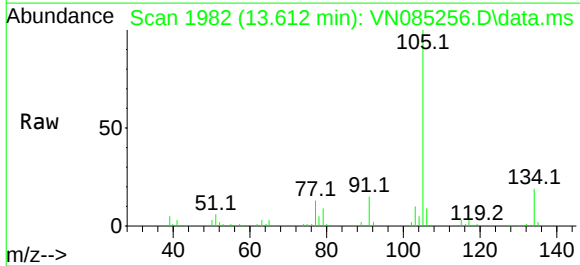
Tgt Ion:105 Resp: 96977
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.3





#85
sec-Butylbenzene
Concen: 20.032 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

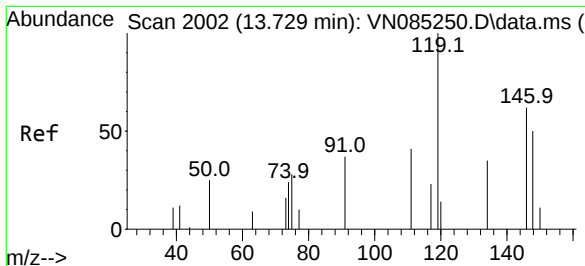
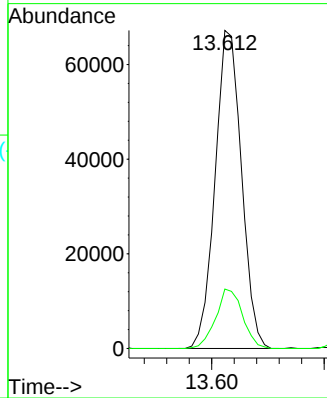
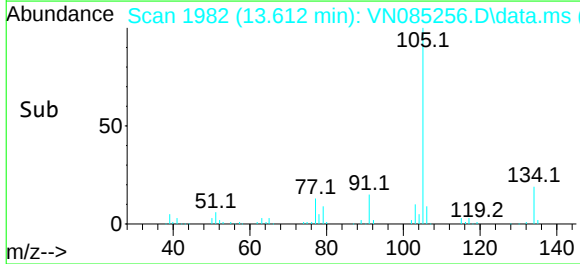
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



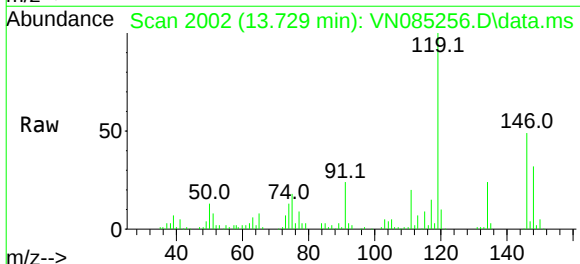
Tgt Ion:105 Resp: 109355
Ion Ratio Lower Upper
105 100
134 19.0 9.4 28.3

Manual Integrations
APPROVED

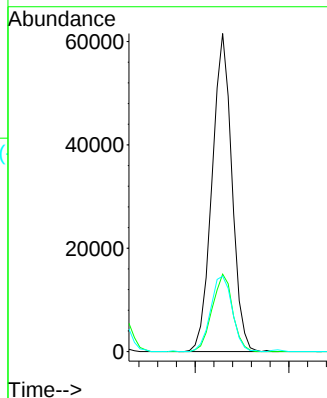
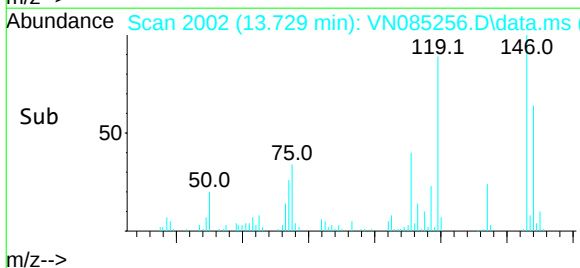
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

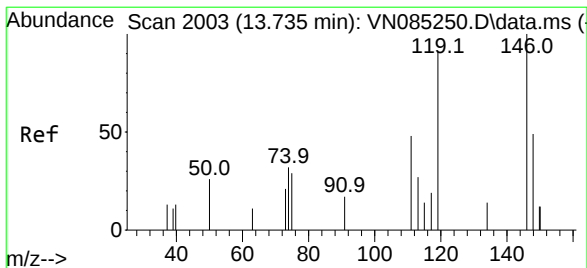


#86
p-Isopropyltoluene
Concen: 18.385 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



Tgt Ion:119 Resp: 90352
Ion Ratio Lower Upper
119 100
134 25.0 12.5 37.5
91 26.0 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.337 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01

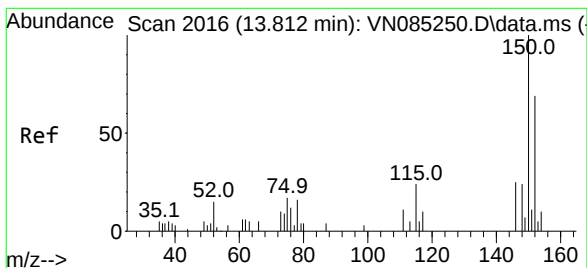
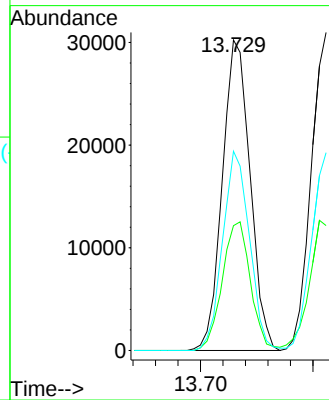
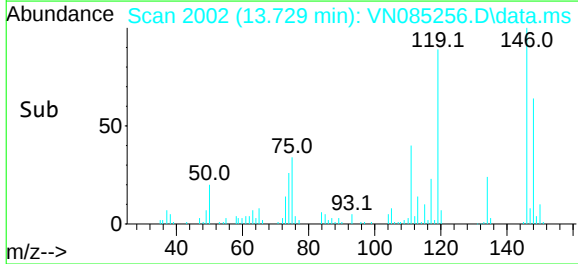
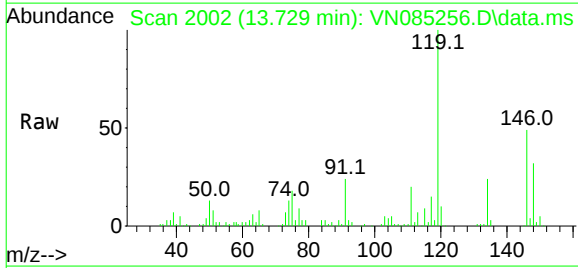
Tgt Ion:	146	Resp:	51756
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.5	64.5
148	62.2	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 18.877 ug/l

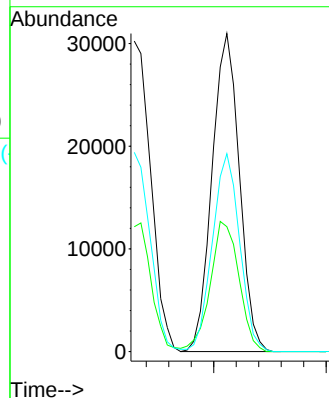
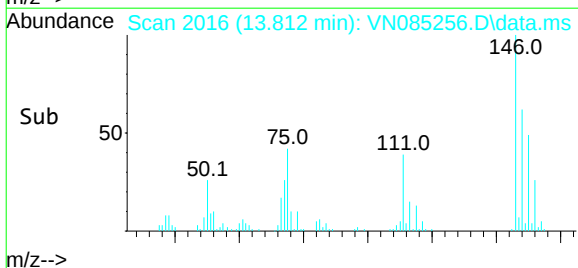
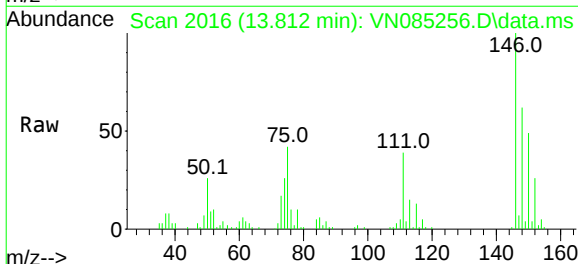
RT: 13.812 min Scan# 2016

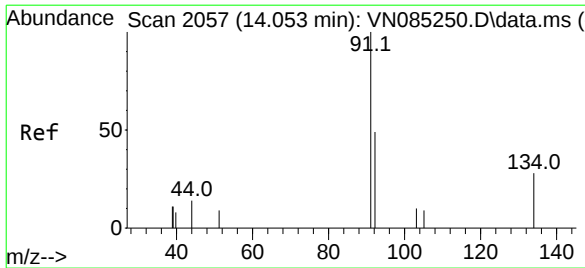
Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

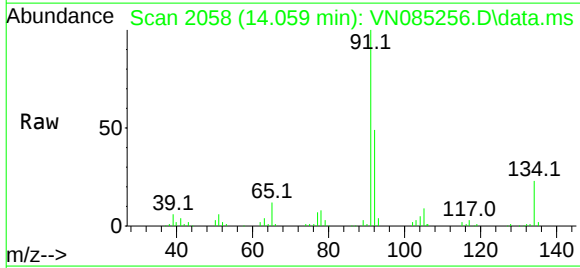
Tgt Ion:	146	Resp:	52278
Ion Ratio	Lower	Upper	
146	100		
111	42.9	20.8	62.5
148	62.3	31.9	95.9





#89
n-Butylbenzene
Concen: 18.613 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

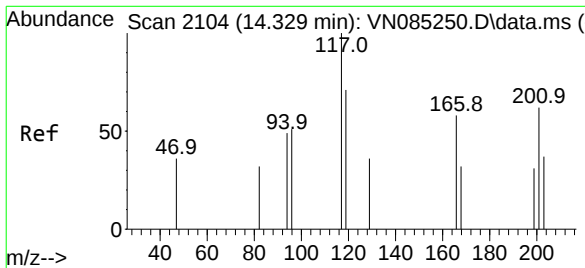
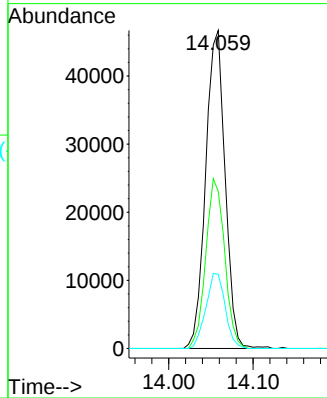
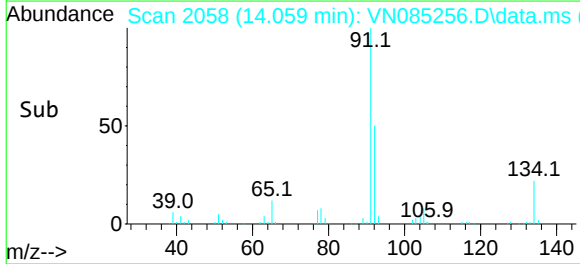
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



Tgt Ion: 91 Resp: 74724
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 23.5 12.0 36.0

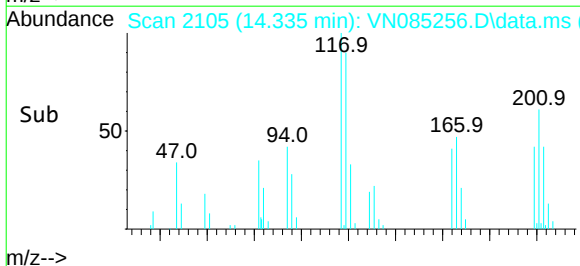
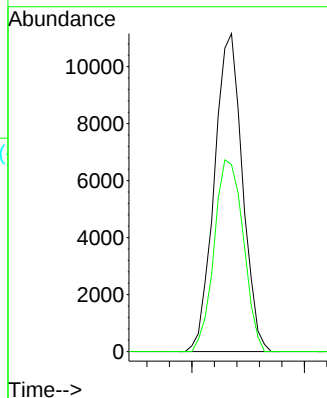
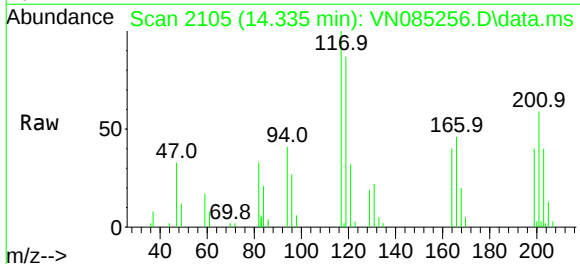
Manual Integrations
APPROVED

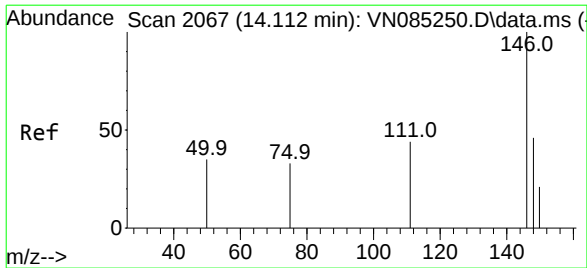
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 19.309 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

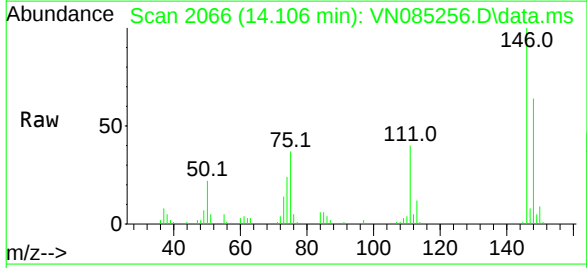
Tgt Ion:117 Resp: 19364
Ion Ratio Lower Upper
117 100
201 62.6 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 19.618 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

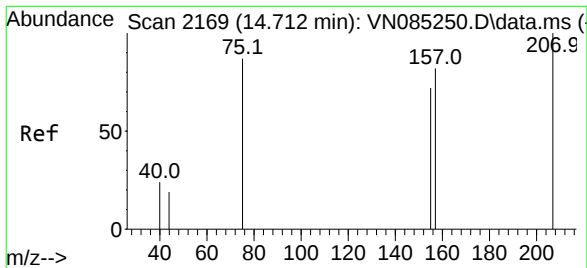
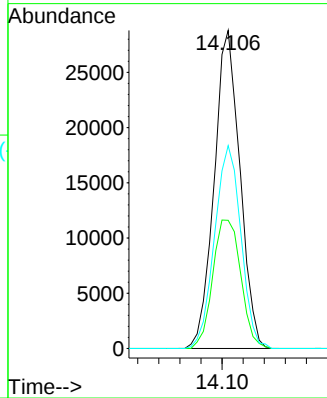
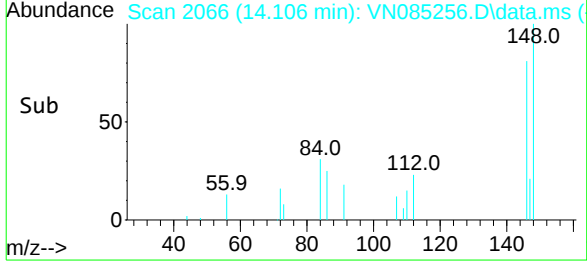
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



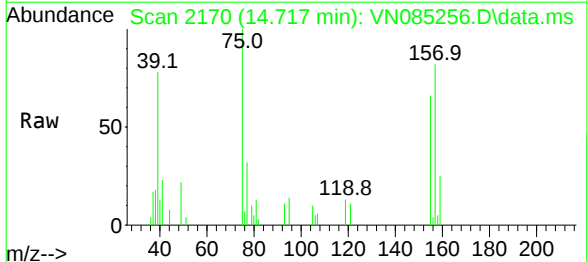
Tgt Ion: 146 Resp: 48839
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.1
148 65.3 31.9 95.9

Manual Integrations
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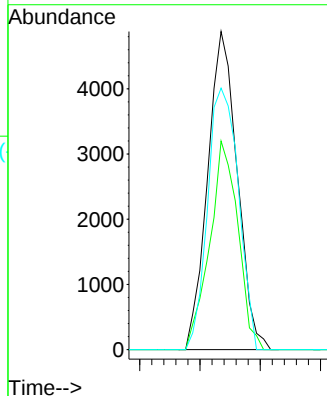
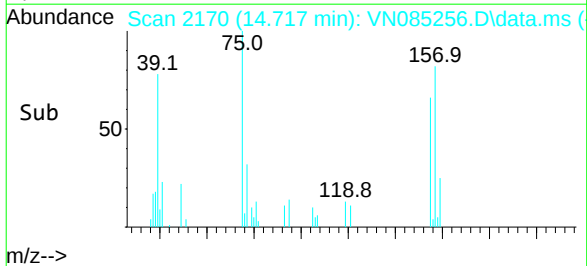
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

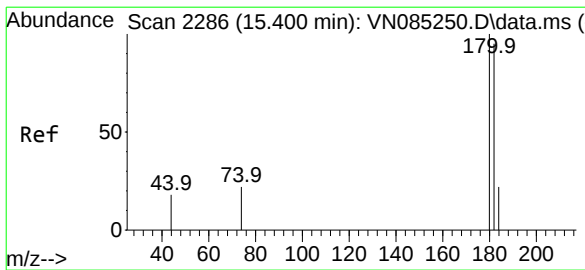


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.021 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



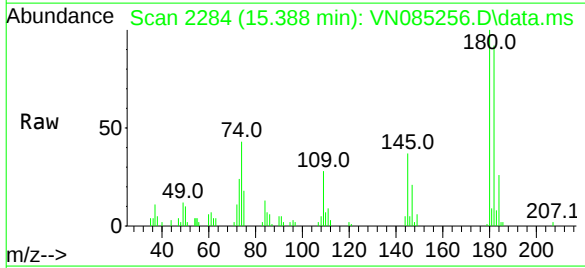
Tgt Ion: 75 Resp: 8329
Ion Ratio Lower Upper
75 100
155 62.5 35.4 106.2
157 85.7 43.3 129.9





#93
1,2,4-Trichlorobenzene
Concen: 17.426 ug/l
RT: 15.388 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32

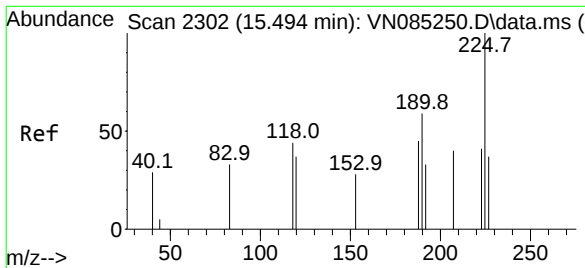
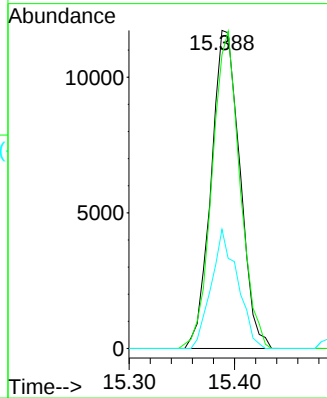
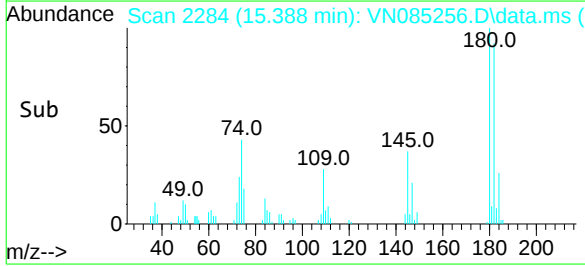
Instrument :
MSVOA_N
ClientSampleId :
VN1218WBSD01



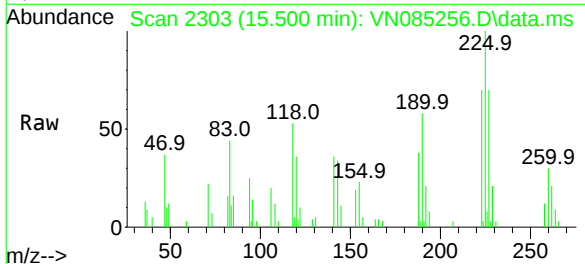
Tgt Ion:180 Resp: 22207
Ion Ratio Lower Upper
180 100
182 96.3 46.3 138.8
145 34.3 16.6 49.7

Manual Integrations
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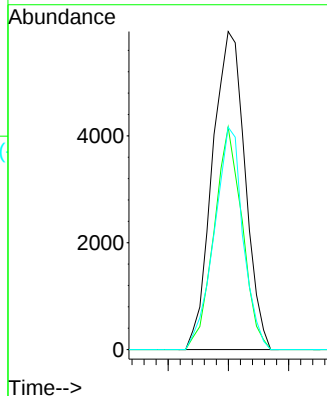
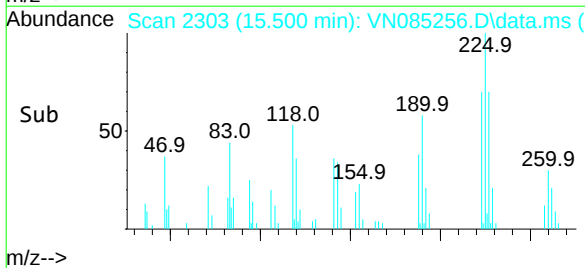
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

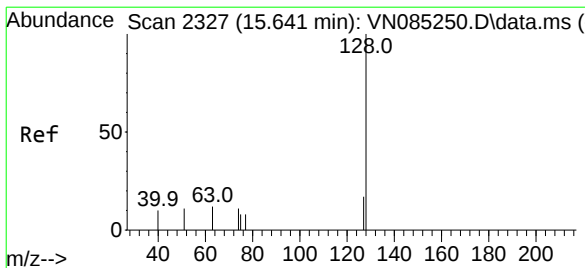


#94
Hexachlorobutadiene
Concen: 16.930 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085256.D
Acq: 18 Dec 2024 17:32



Tgt Ion:225 Resp: 11213
Ion Ratio Lower Upper
225 100
223 60.3 34.1 102.2
227 61.6 33.2 99.6





#95

Naphthalene

Concen: 17.088 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBSD01

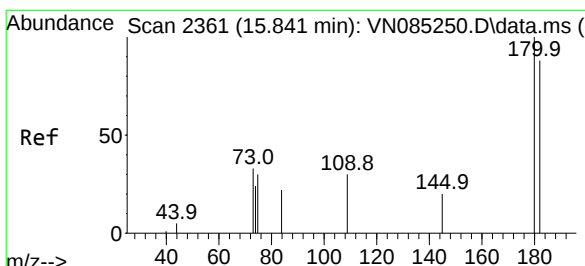
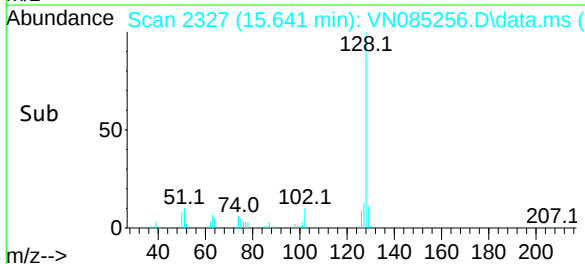
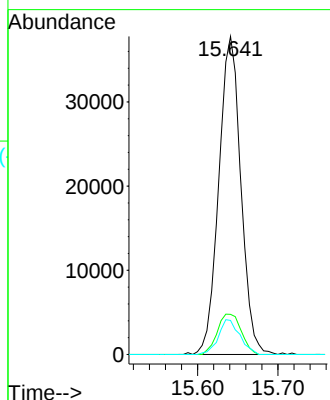
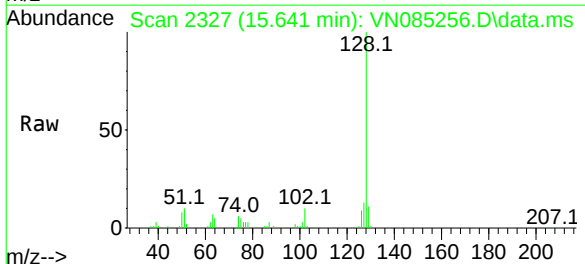
Tgt Ion:	128	Resp:	72113
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.737 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085256.D

Acq: 18 Dec 2024 17:32

Tgt Ion:	180	Resp:	22576
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.6
145	33.4	17.6	52.8

