

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085342.D
 Acq On : 30 Dec 2024 13:50
 Operator : JC\MD
 Sample : VN1230WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/31/2024
 Supervised By : Mahesh Dadoda 12/31/2024

Quant Time: Dec 31 02:12:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127882	51.946	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.900%
35) Dibromofluoromethane	8.165	113	98814	51.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.420%
50) Toluene-d8	10.565	98	355512	50.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.847	95	119938	51.500	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49030	21.004	ug/l	99
3) Chloromethane	2.360	50	47340	18.044	ug/l	98
4) Vinyl Chloride	2.507	62	49334	17.780	ug/l	94
5) Bromomethane	2.954	94	29817	16.431	ug/l	96
6) Chloroethane	3.118	64	32637	18.547	ug/l	91
7) Trichlorofluoromethane	3.495	101	70522	19.335	ug/l	99
8) Diethyl Ether	3.959	74	24409	20.211	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	40033	19.289	ug/l	96
10) Methyl Iodide	4.589	142	45891	19.107	ug/l	93
11) Tert butyl alcohol	5.524	59	38153	123.764	ug/l	99
12) 1,1-Dichloroethene	4.336	96	37143	19.365	ug/l	95
13) Acrolein	4.177	56	53895	112.137	ug/l	97
14) Allyl chloride	5.024	41	58689	19.118	ug/l	97
15) Acrylonitrile	5.718	53	113839	117.330	ug/l	100
16) Acetone	4.424	43	97486	120.425	ug/l	93
17) Carbon Disulfide	4.712	76	104135	17.846	ug/l	98
18) Methyl Acetate	5.024	43	60631	24.464	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	126387	20.273	ug/l	94
20) Methylene Chloride	5.271	84	44002	20.208	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	39108	19.518	ug/l	92
22) Diisopropyl ether	6.671	45	139867	21.143	ug/l	95
23) Vinyl Acetate	6.606	43	510619	106.700	ug/l	100
24) 1,1-Dichloroethane	6.565	63	80354	20.165	ug/l	97
25) 2-Butanone	7.483	43	152904	121.751	ug/l	96
26) 2,2-Dichloropropane	7.483	77	69163	19.811	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	46582	19.808	ug/l	97
28) Bromochloromethane	7.812	49	36810	19.878	ug/l #	99
29) Tetrahydrofuran	7.841	42	102001	126.087	ug/l	98
30) Chloroform	7.959	83	81221	19.923	ug/l	99
31) Cyclohexane	8.253	56	67693	18.603	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	70492	19.361	ug/l	96
36) 1,1-Dichloropropene	8.371	75	54180	19.364	ug/l	97
37) Ethyl Acetate	7.559	43	60918	21.905	ug/l	99
38) Carbon Tetrachloride	8.365	117	61424	20.140	ug/l	98
39) Methylcyclohexane	9.600	83	53570	18.453	ug/l	94
40) Benzene	8.606	78	173770	20.541	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32966	23.146	ug/l	99
42) 1,2-Dichloroethane	8.671	62	61776	20.368	ug/l	100
43) Isopropyl Acetate	8.688	43	106465	23.249	ug/l	96
44) Trichloroethene	9.353	130	37524	18.735	ug/l	98
45) 1,2-Dichloropropane	9.618	63	43629	20.316	ug/l	98
46) Dibromomethane	9.712	93	29817	19.964	ug/l	93
47) Bromodichloromethane	9.888	83	63969	20.607	ug/l	97
48) Methyl methacrylate	9.683	41	46252	23.277	ug/l	99
49) 1,4-Dioxane	9.694	88	16826	561.246	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	320451	124.525	ug/l	100
52) Toluene	10.630	92	103870	20.621	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	61014	19.987	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	67869	20.560	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	38701	20.350	ug/l	97
56) Ethyl methacrylate	10.871	69	60083	21.693	ug/l	95
57) 1,3-Dichloropropane	11.159	76	70040	20.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	132204	98.657	ug/l	98
59) 2-Hexanone	11.194	43	234690	131.447	ug/l	98
60) Dibromochloromethane	11.359	129	45645	21.309	ug/l	97
61) 1,2-Dibromoethane	11.465	107	38890	20.670	ug/l	100
64) Tetrachloroethene	11.100	164	32985	19.584	ug/l	93
65) Chlorobenzene	11.888	112	110499	19.237	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	39059	20.260	ug/l	99
67) Ethyl Benzene	11.965	91	187071	19.583	ug/l	99
68) m/p-Xylenes	12.071	106	143945	41.175	ug/l	100
69) o-Xylene	12.400	106	67651	20.004	ug/l	97
70) Styrene	12.412	104	114350	20.863	ug/l	99
71) Bromoform	12.576	173	30332	22.716	ug/l #	98
73) Isopropylbenzene	12.694	105	170761	19.552	ug/l	99
74) N-amyl acetate	12.494	43	85839	22.961	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	62480	22.462	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	50554m	22.290	ug/l	
77) Bromobenzene	12.982	156	42023	19.421	ug/l	97
78) n-propylbenzene	13.035	91	206879	20.321	ug/l	99
79) 2-Chlorotoluene	13.124	91	129844	20.265	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	144767	20.492	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	20933m	22.104	ug/l	
82) 4-Chlorotoluene	13.218	91	128775	19.956	ug/l	99
83) tert-Butylbenzene	13.435	119	116840	19.093	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	142335	20.234	ug/l	97
85) sec-Butylbenzene	13.618	105	168287	19.812	ug/l	99
86) p-Isopropyltoluene	13.729	119	135284	18.609	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	78612	20.041	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	75063	18.629	ug/l	96
89) n-Butylbenzene	14.053	91	112702	18.119	ug/l	99
90) Hexachloroethane	14.329	117	28444	20.429	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	72744	19.467	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11616	23.464	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	33209	17.807	ug/l	98
94) Hexachlorobutadiene	15.500	225	16094	17.369	ug/l	98
95) Naphthalene	15.641	128	109980	17.391	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	32933	17.674	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

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

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

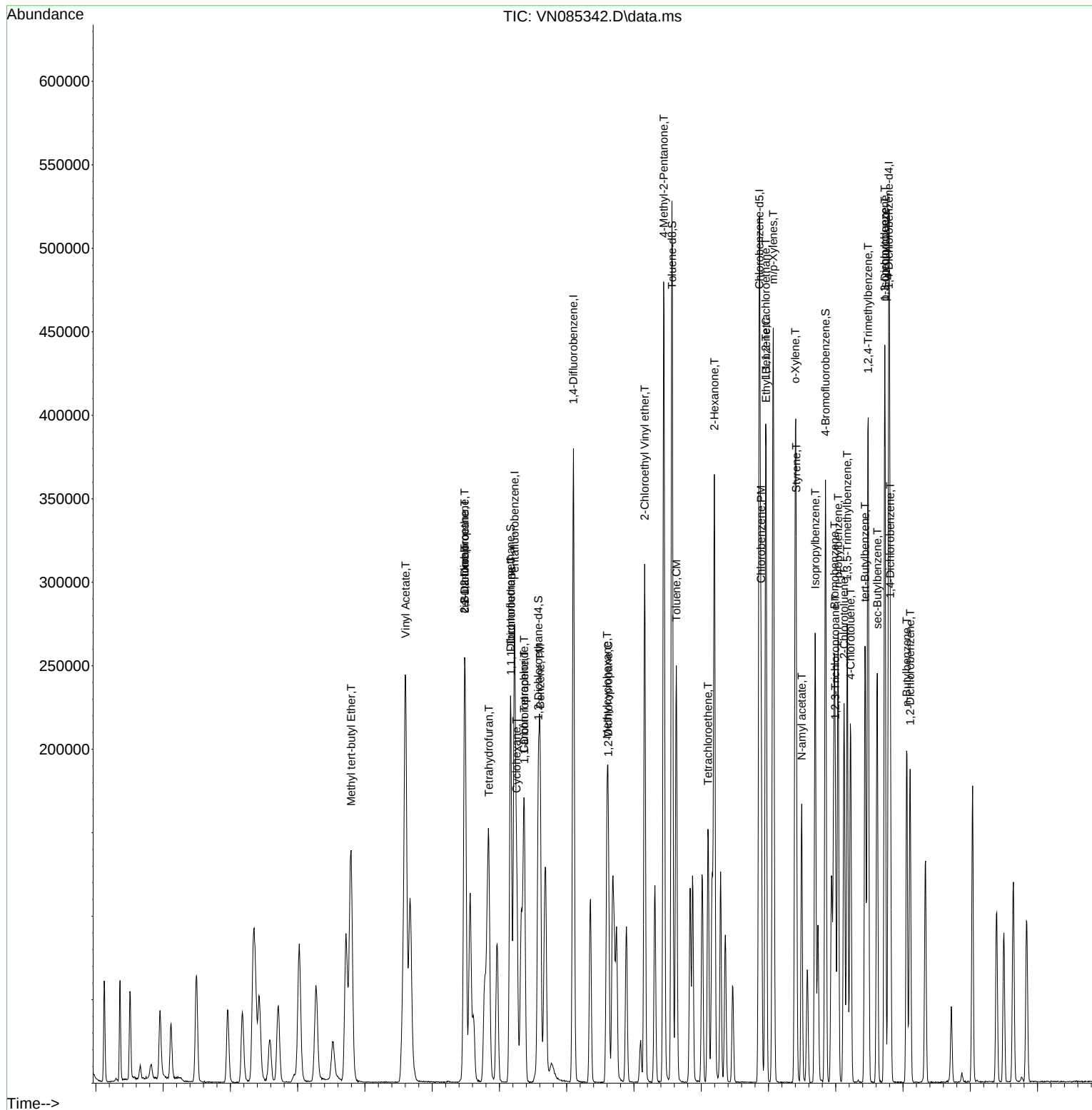
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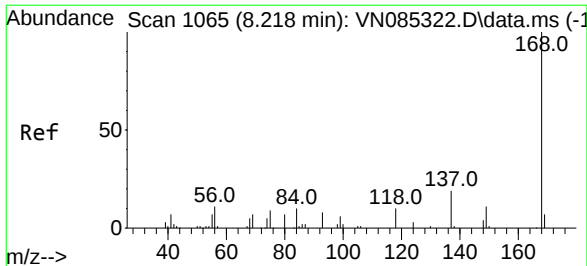
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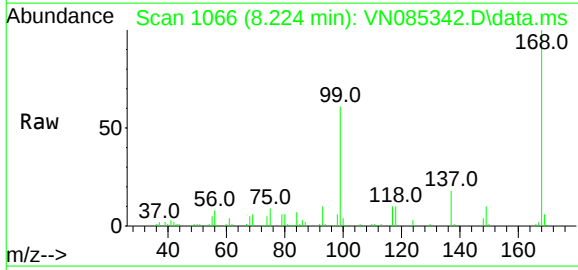
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085342.D
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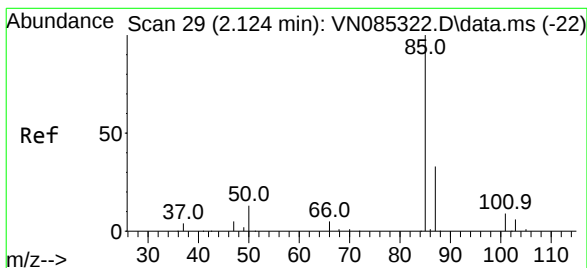
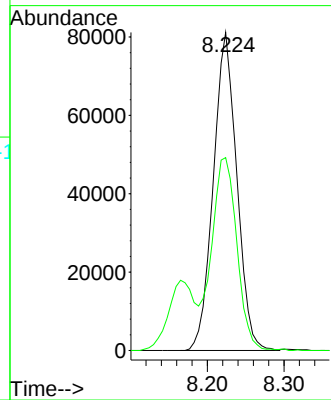
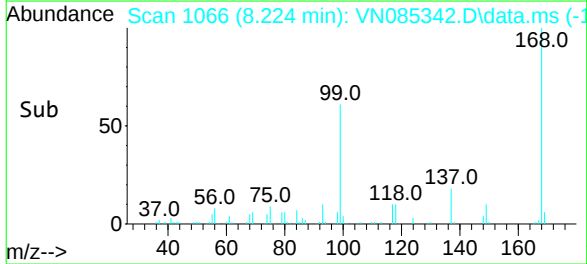
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion:168 Resp: 172604
Ion Ratio Lower Upper
168 100
99 60.3 51.0 76.4

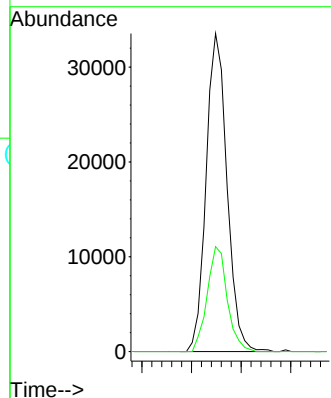
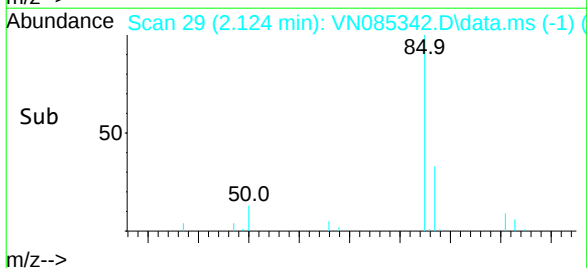
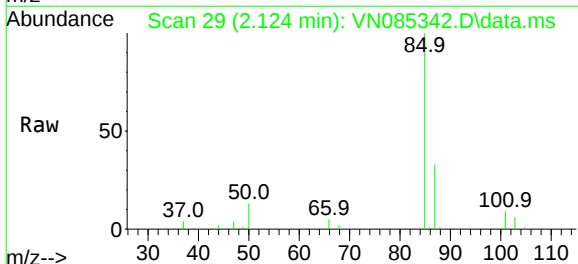
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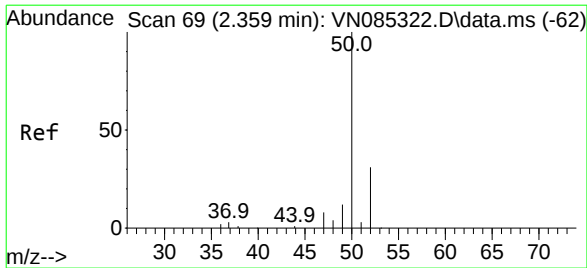
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#2
Dichlorodifluoromethane
Concen: 21.004 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

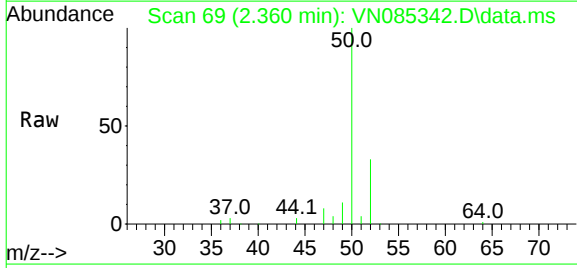
Tgt Ion: 85 Resp: 49030
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.3





#3
Chloromethane
Concen: 18.044 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

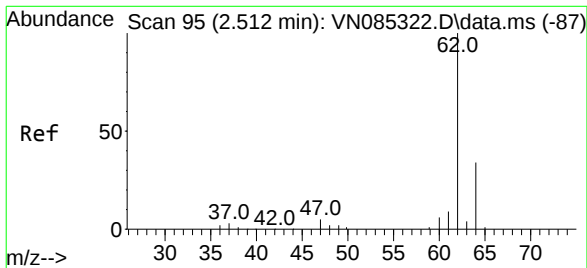
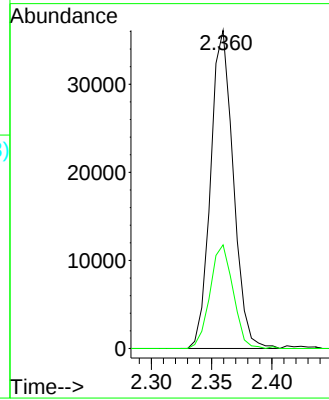
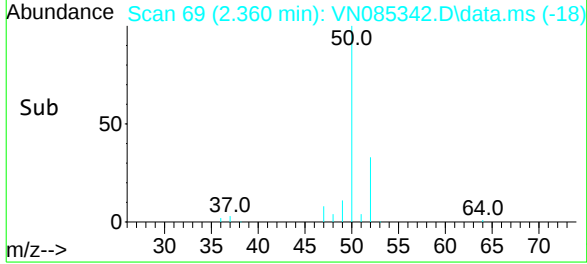
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion: 50 Resp: 47340
Ion Ratio Lower Upper
50 100
52 32.6 25.1 37.7

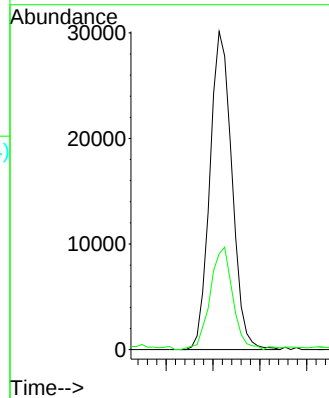
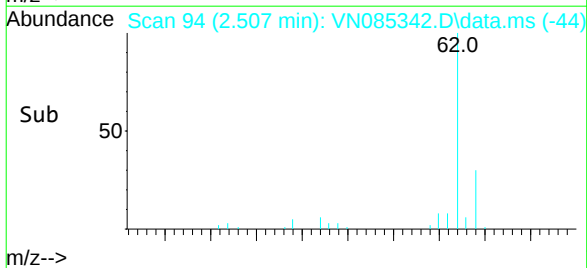
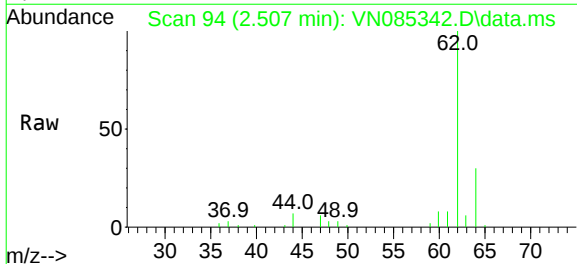
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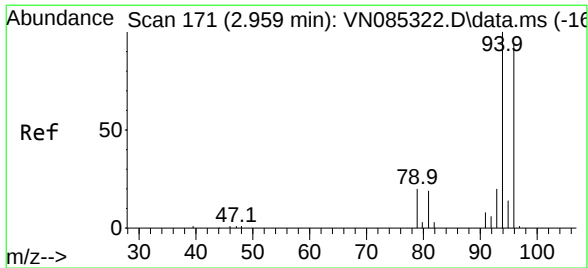
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#4
Vinyl Chloride
Concen: 17.780 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

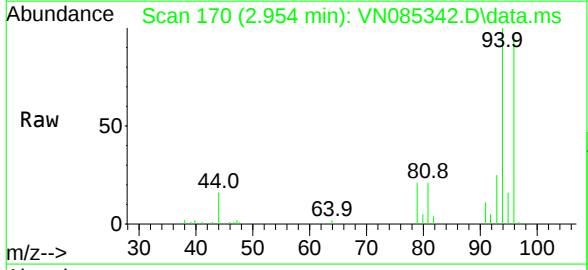
Tgt Ion: 62 Resp: 49334
Ion Ratio Lower Upper
62 100
64 30.1 27.0 40.6





#5
Bromomethane
Concen: 16.431 ug/l
RT: 2.954 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

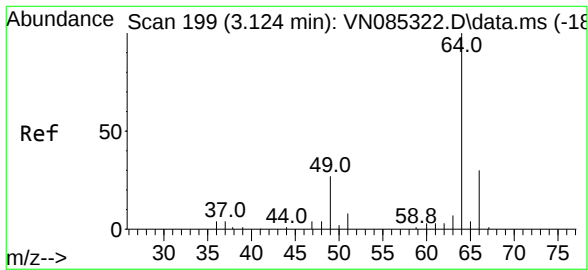
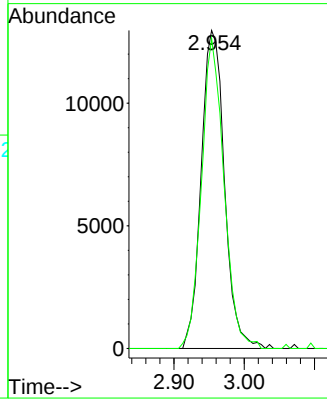
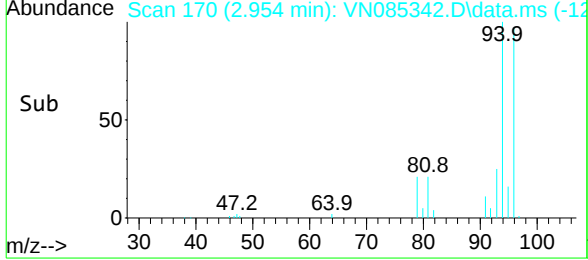
Instrument :
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Tgt Ion: 94 Resp: 29817
Ion Ratio Lower Upper
94 100
96 97.4 75.2 112.8

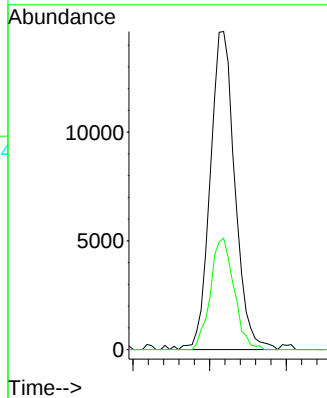
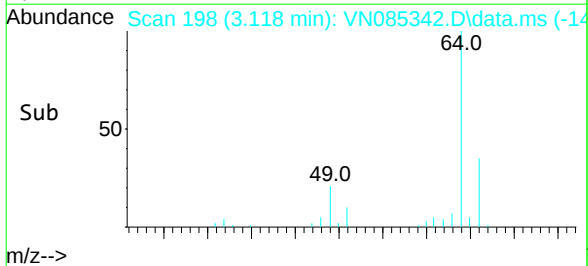
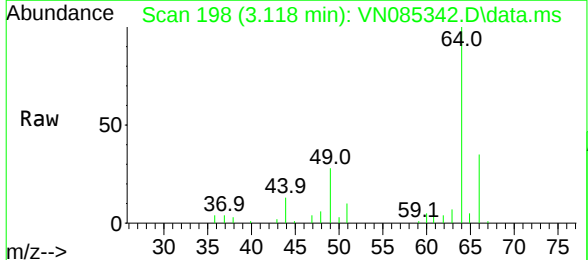
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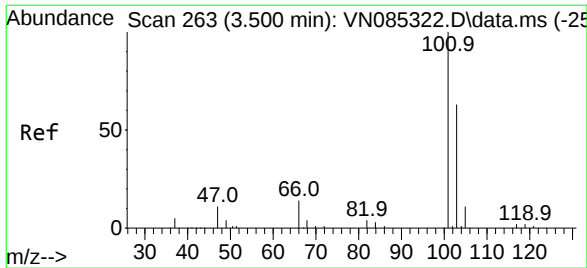
Reviewed By :John Carlone 12/31/2024
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#6
Chloroethane
Concen: 18.547 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085342.D
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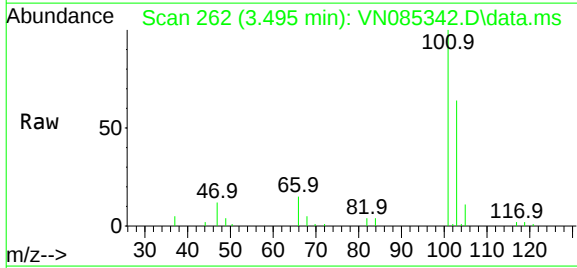
Tgt Ion: 64 Resp: 32637
Ion Ratio Lower Upper
64 100
66 35.1 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 19.335 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085342.D
 Acq: 30 Dec 2024 13:50

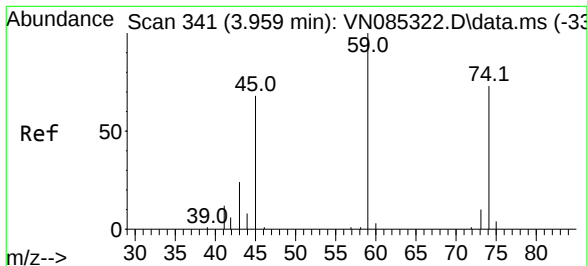
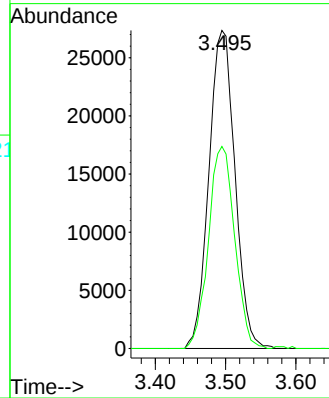
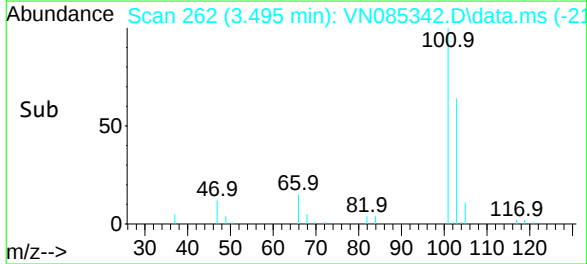
Instrument :
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Tgt Ion:101 Resp: 70522
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.3 75.5

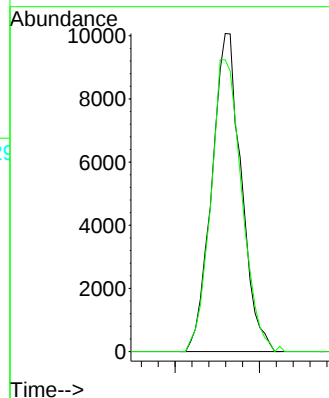
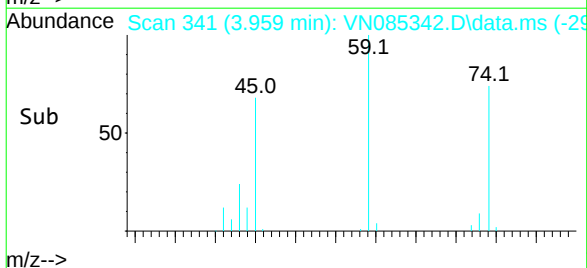
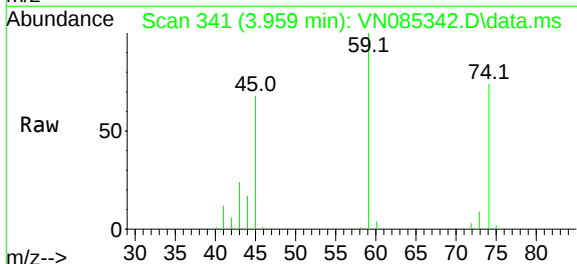
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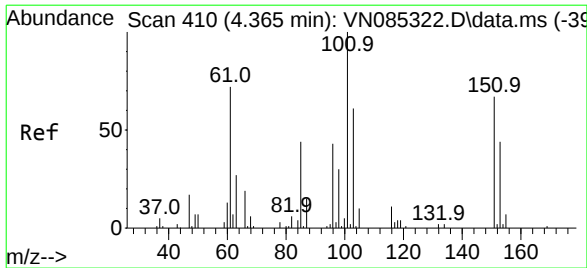
Reviewed By :John Carlone 12/31/2024
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#8
 Diethyl Ether
 Concen: 20.211 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085342.D
 Acq: 30 Dec 2024 13:50

Tgt Ion: 74 Resp: 24409
 Ion Ratio Lower Upper
 74 100
 45 96.6 47.5 142.6





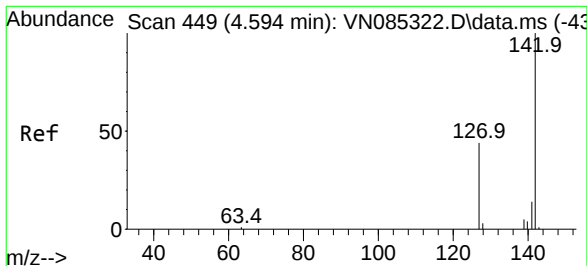
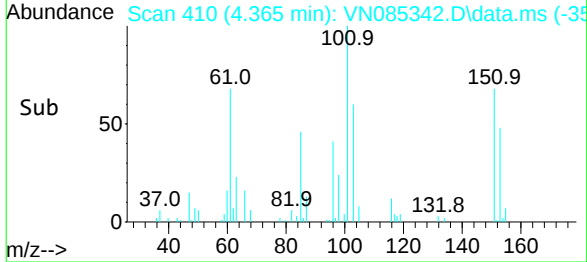
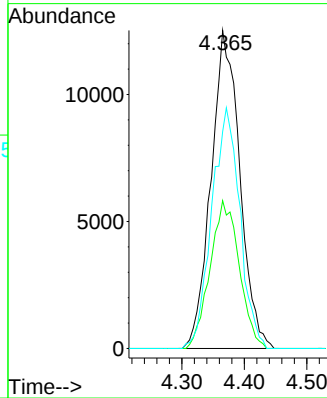
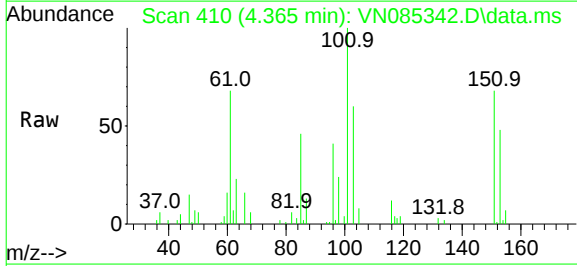
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.289 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.1	36.2	54.4
151	74.0	55.8	83.6

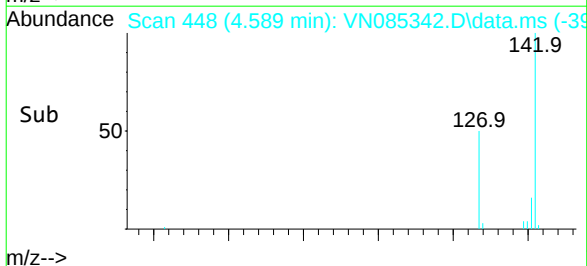
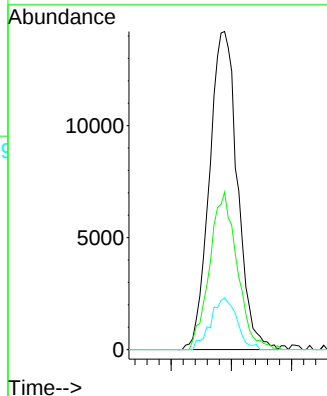
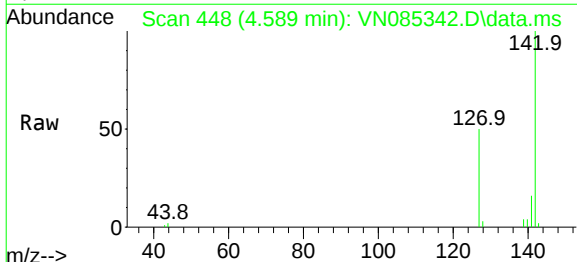
Manual Integrations
APPROVED

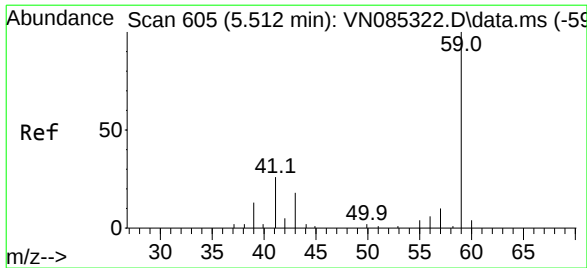
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#10
Methyl Iodide
Concen: 19.107 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.5	35.3	52.9
141	16.2	11.5	17.3





#11

Tert butyl alcohol

Concen: 123.764 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

Tgt Ion: 59 Resp: 38153

Ion Ratio Lower Upper

59 100

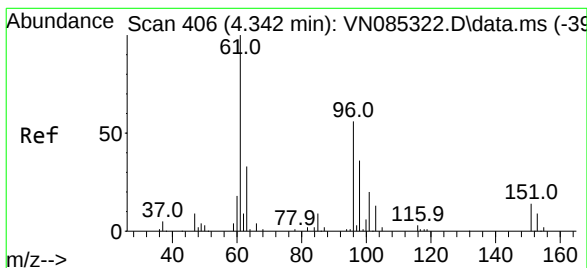
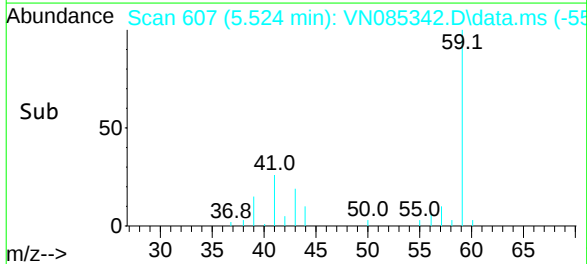
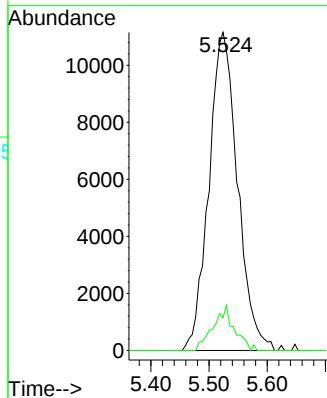
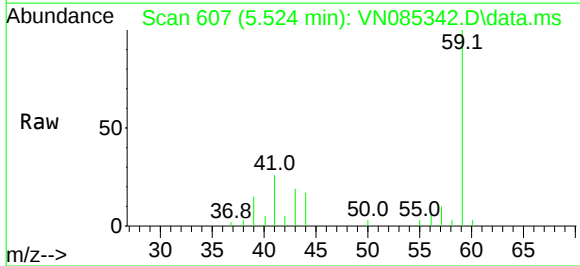
57 10.4 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#12

1,1-Dichloroethene

Concen: 19.365 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

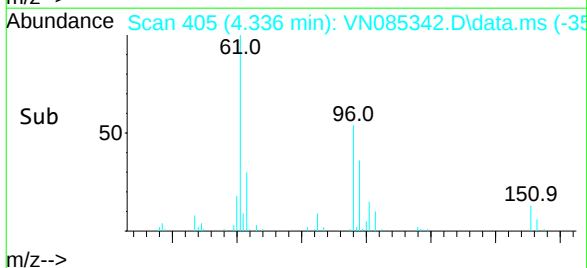
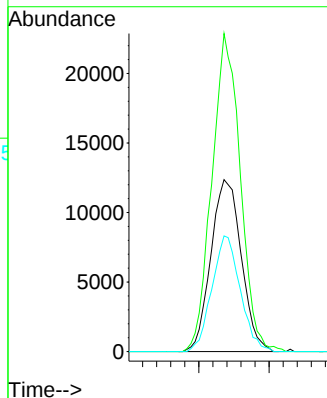
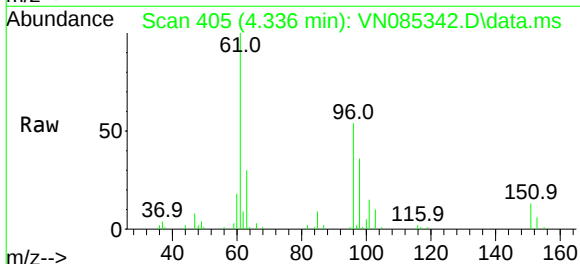
Tgt Ion: 96 Resp: 37143

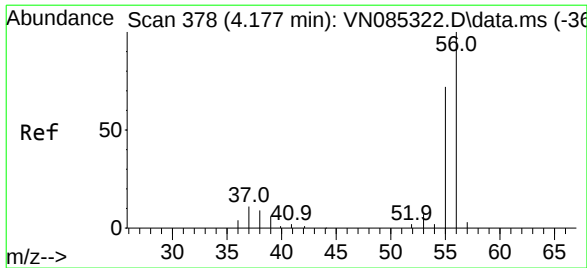
Ion Ratio Lower Upper

96 100

61 185.0 142.4 213.6

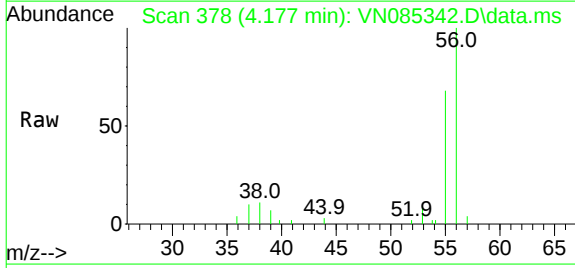
98 67.3 51.5 77.3





#13
Acrolein
Concen: 112.137 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

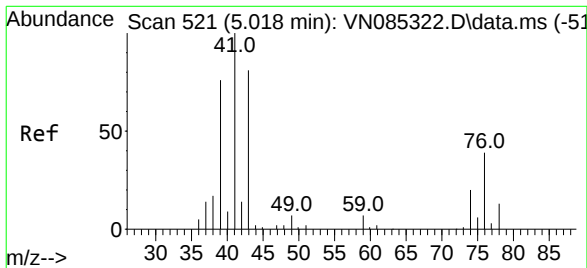
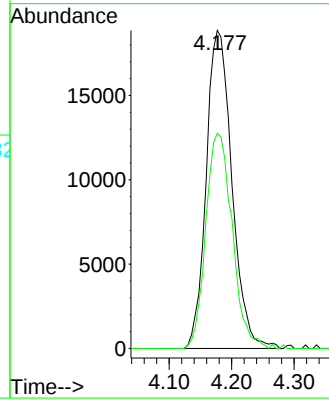
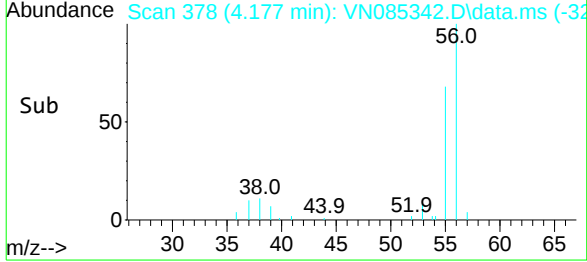
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



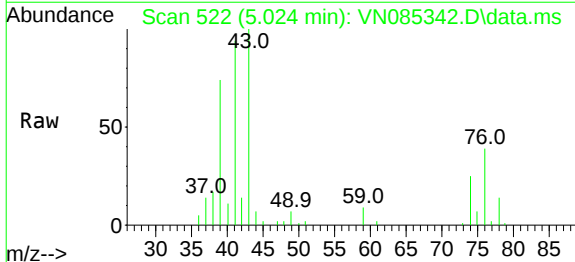
Tgt Ion: 56 Resp: 53895
Ion Ratio Lower Upper
56 100
55 69.4 57.5 86.3

Manual Integrations
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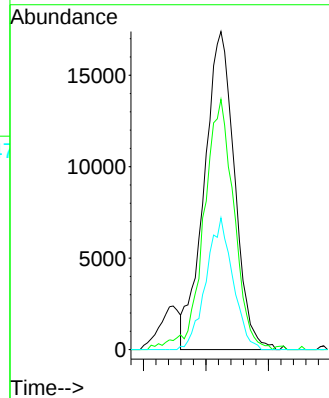
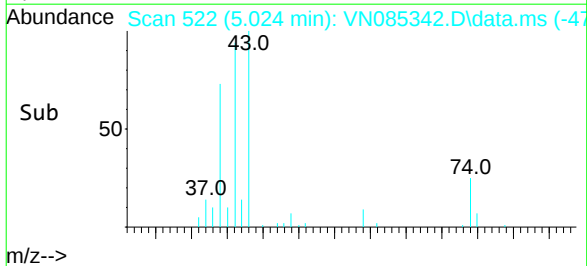
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

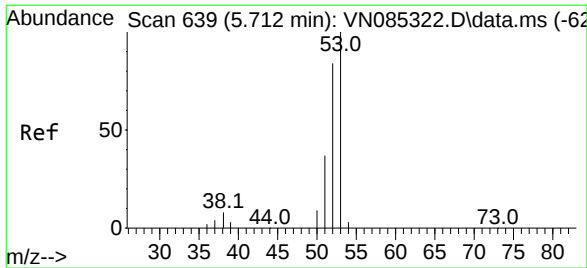


#14
Allyl chloride
Concen: 19.118 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50



Tgt Ion: 41 Resp: 58689
Ion Ratio Lower Upper
41 100
39 78.0 64.4 96.6
76 36.6 31.5 47.3





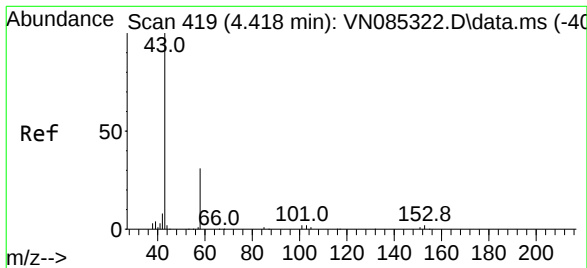
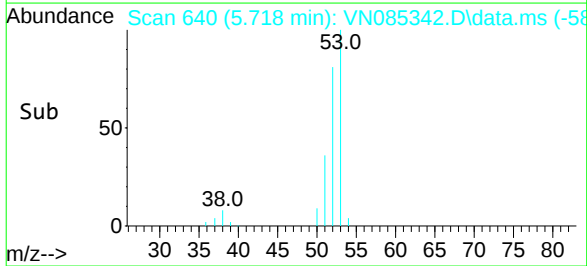
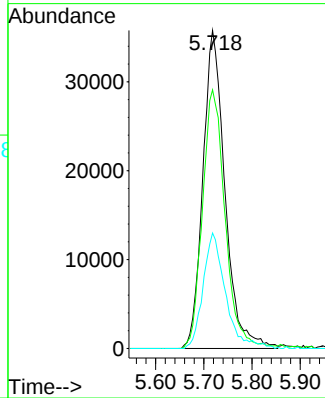
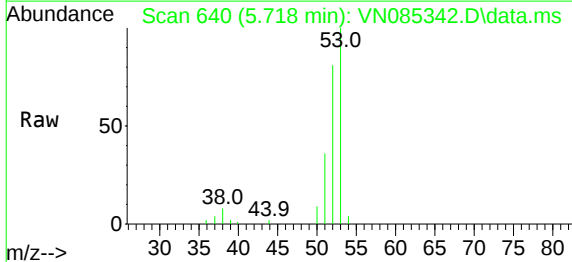
#15
Acrylonitrile
Concen: 117.330 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	36.8	29.6	44.4

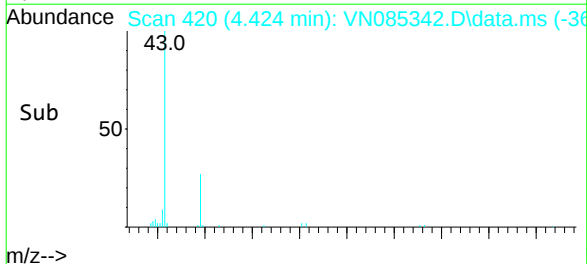
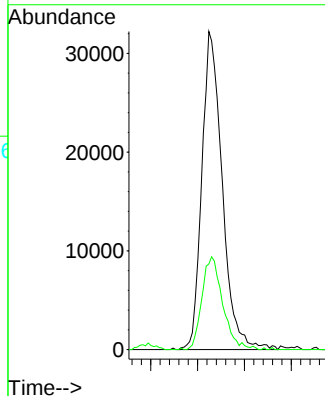
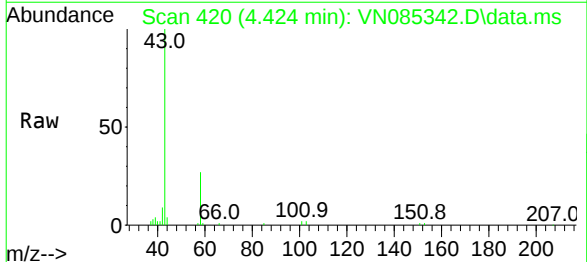
Manual Integrations
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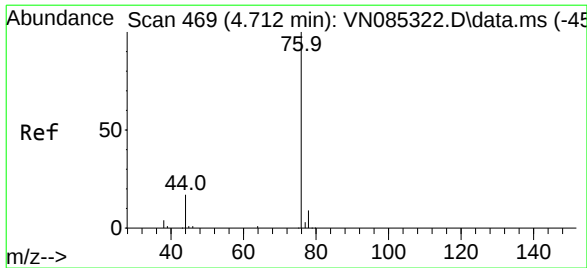
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#16
Acetone
Concen: 120.425 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

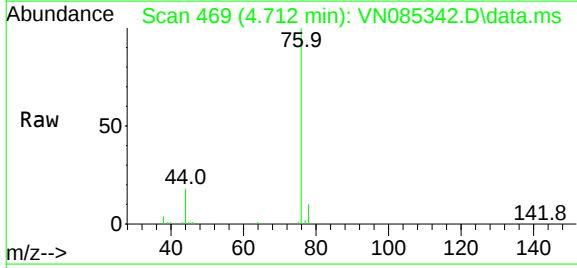
Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.9	24.5	36.7





#17
Carbon Disulfide
Concen: 17.846 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

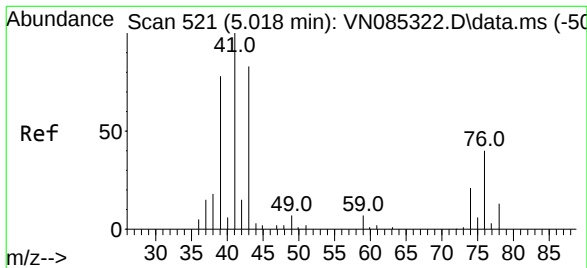
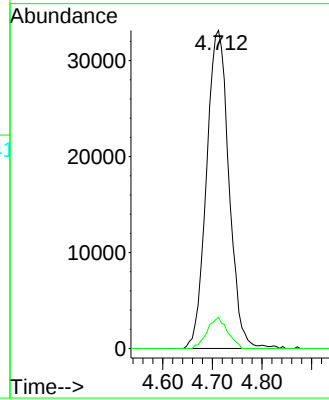
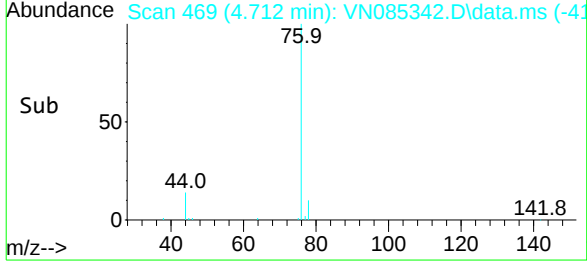
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion: 76 Resp: 104135
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

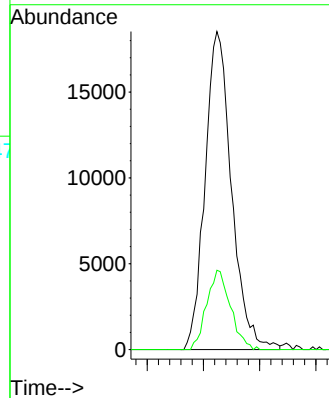
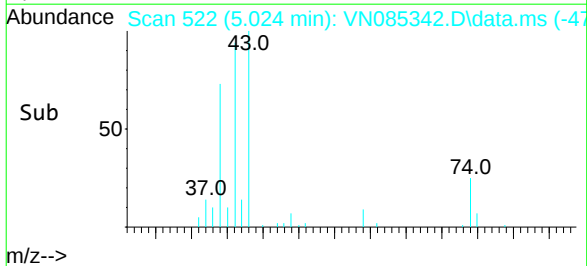
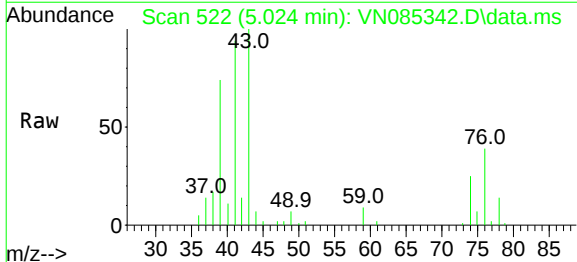
Manual Integrations
APPROVED

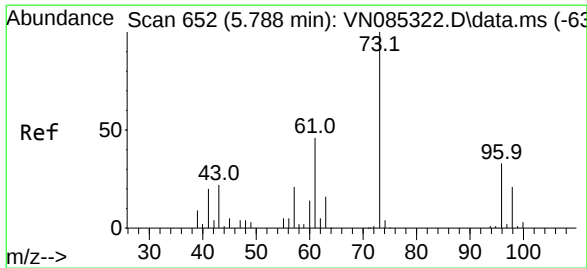
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#18
Methyl Acetate
Concen: 24.464 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

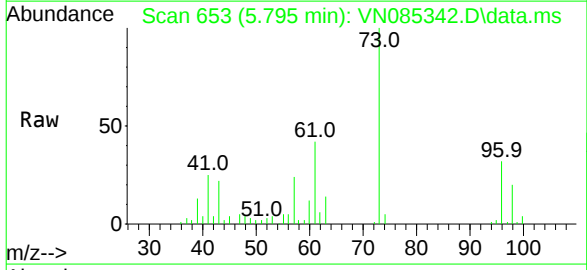
Tgt Ion: 43 Resp: 60631
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 20.273 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

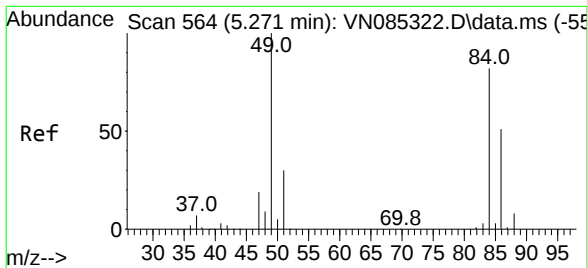
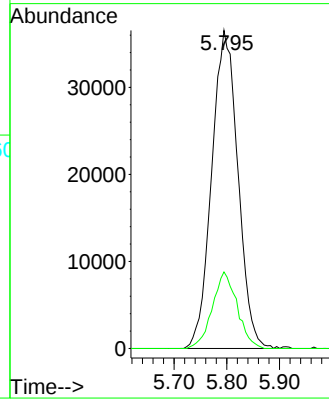
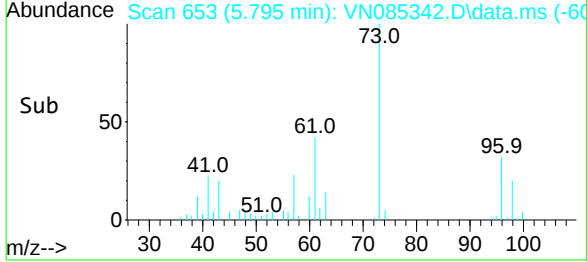
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



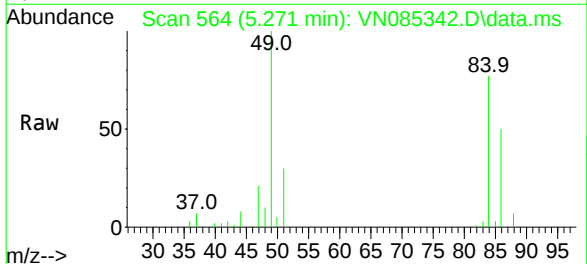
Tgt Ion: 73 Resp: 126387
Ion Ratio Lower Upper
73 100
57 24.1 17.0 25.6

Manual Integrations
APPROVED

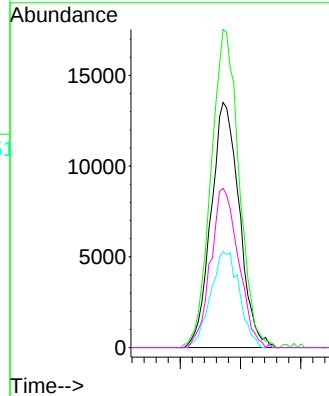
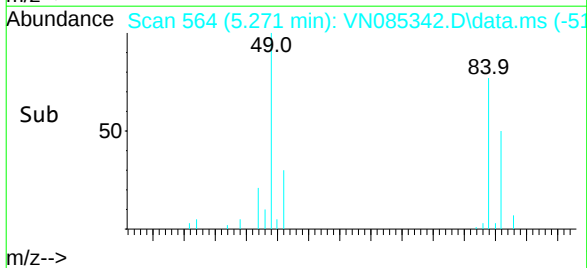
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

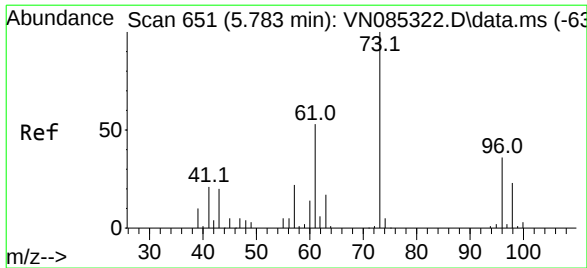


#20
Methylene Chloride
Concen: 20.208 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50



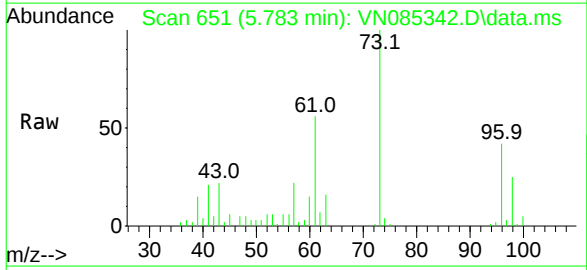
Tgt Ion: 84 Resp: 44002
Ion Ratio Lower Upper
84 100
49 129.8 97.6 146.4
51 39.2 29.1 43.7
86 65.0 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 19.518 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

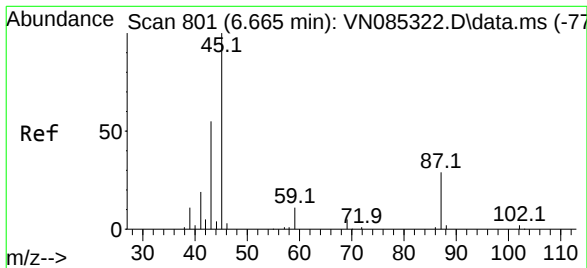
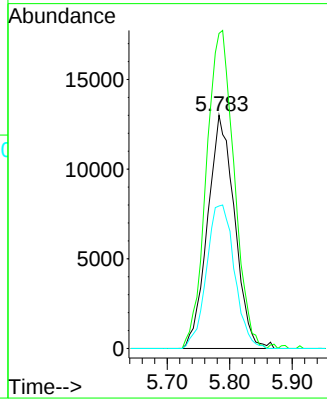
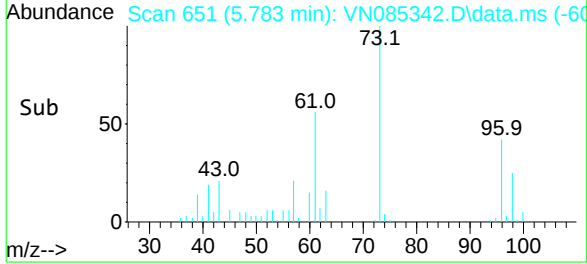
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



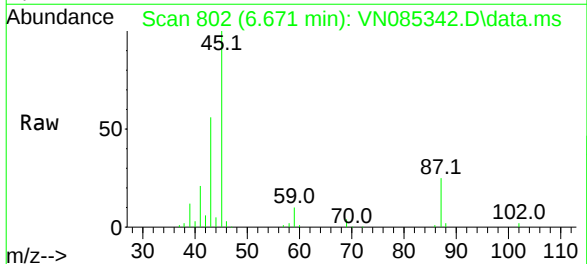
Tgt Ion: 96 Resp: 39108
Ion Ratio Lower Upper
96 100
61 135.1 118.0 177.0
98 61.1 50.6 75.8

Manual Integrations
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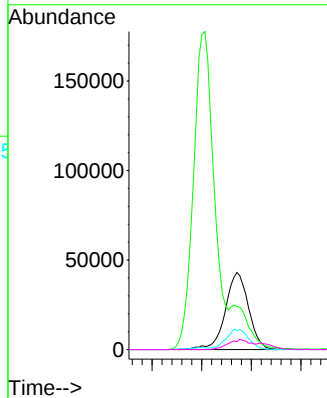
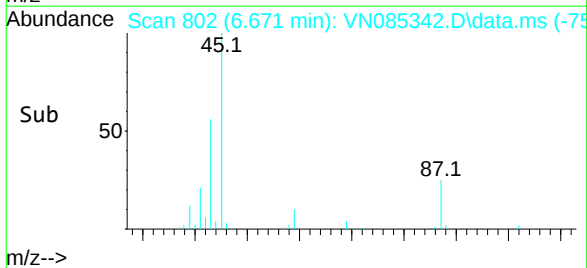
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

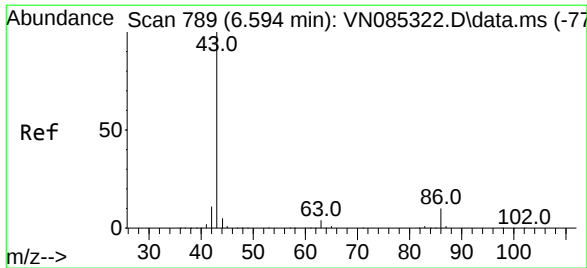


#22
Diisopropyl ether
Concen: 21.143 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50



Tgt Ion: 45 Resp: 139867
Ion Ratio Lower Upper
45 100
43 53.0 44.1 66.1
87 24.7 23.2 34.8
59 10.0 9.0 13.6





#23

Vinyl Acetate

Concen: 106.700 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.012 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

Tgt Ion: 43 Resp: 510619

Ion Ratio Lower Upper

43 100

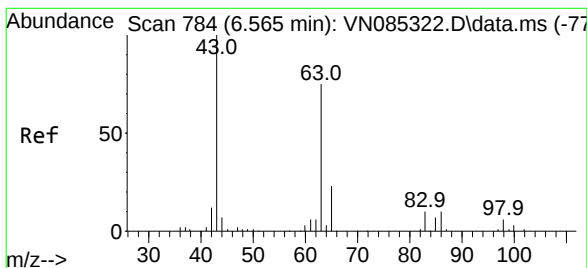
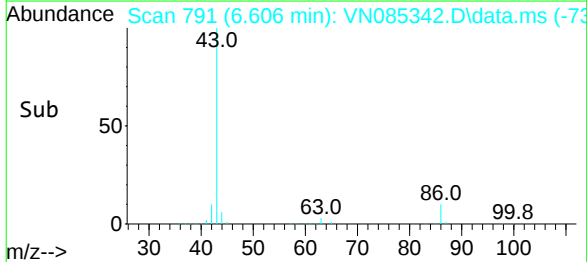
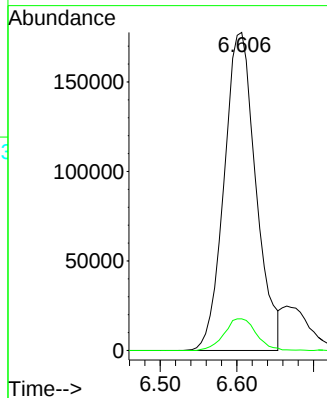
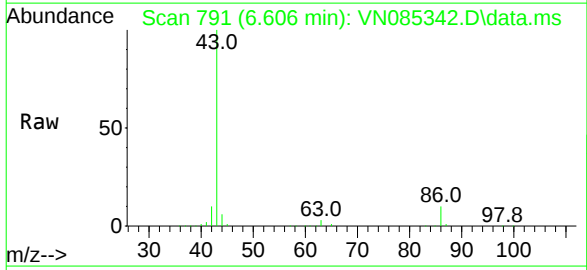
86 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#24

1,1-Dichloroethane

Concen: 20.165 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

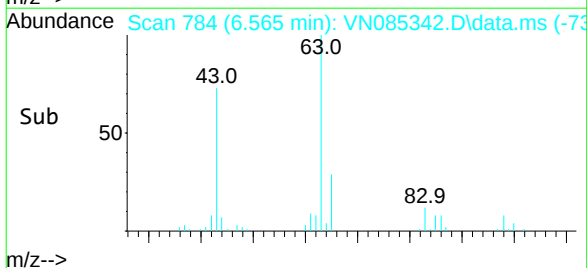
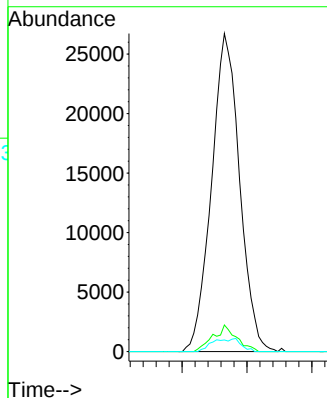
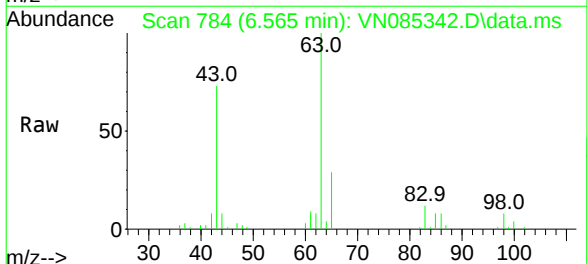
Tgt Ion: 63 Resp: 80354

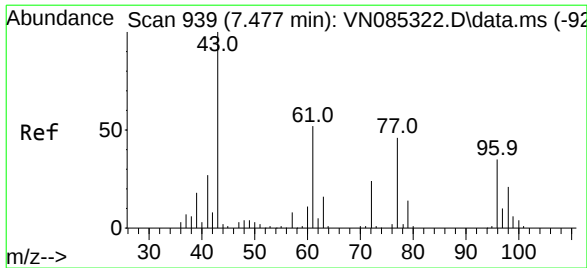
Ion Ratio Lower Upper

63 100

98 8.4 3.7 11.1

100 3.7 2.3 6.8





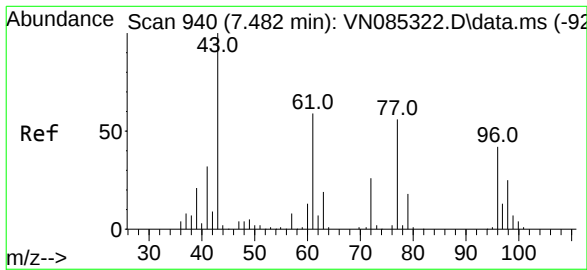
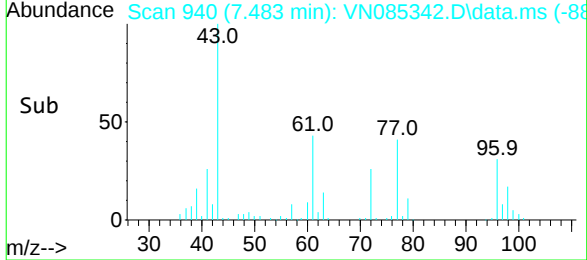
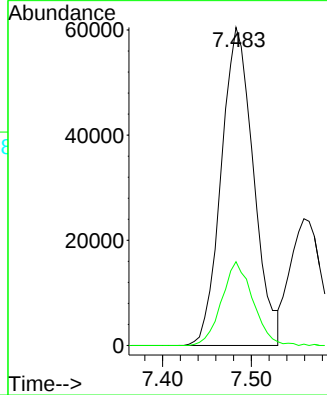
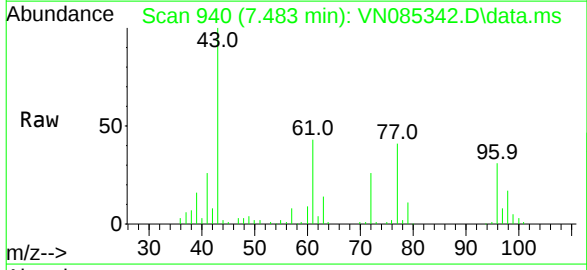
#25
2-Butanone
Concen: 121.751 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 43 Resp: 152904
Ion Ratio Lower Upper
43 100
72 26.3 19.6 29.4

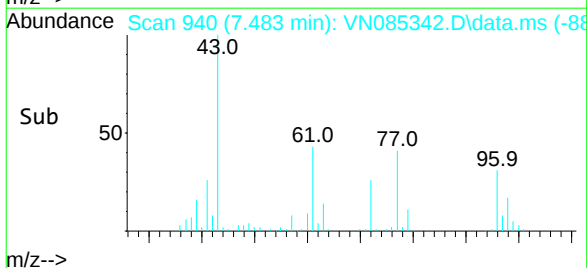
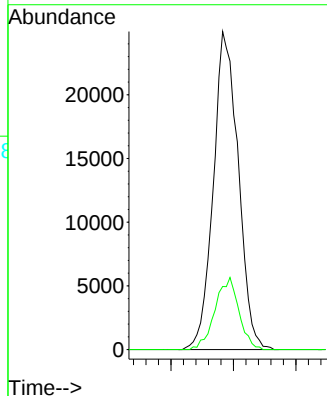
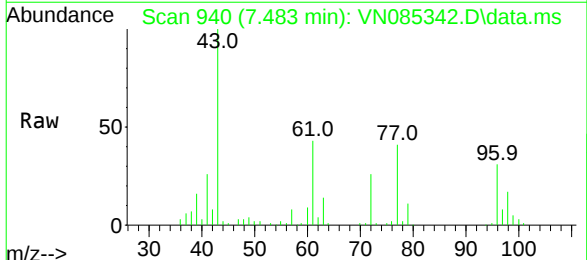
Manual Integrations
APPROVED

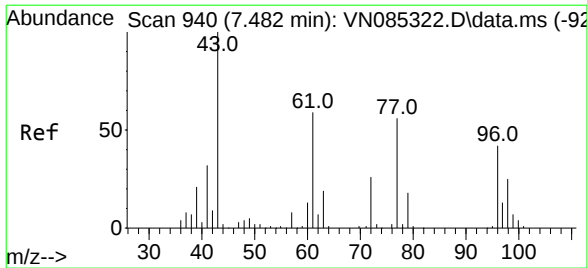
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#26
2,2-Dichloropropane
Concen: 19.811 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion: 77 Resp: 69163
Ion Ratio Lower Upper
77 100
97 21.7 10.6 31.8





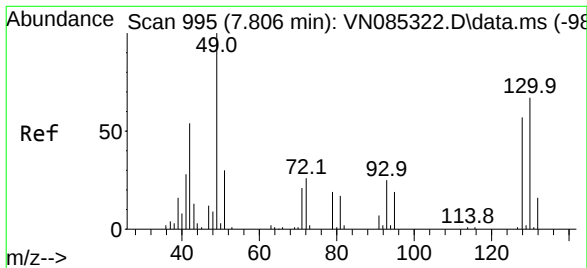
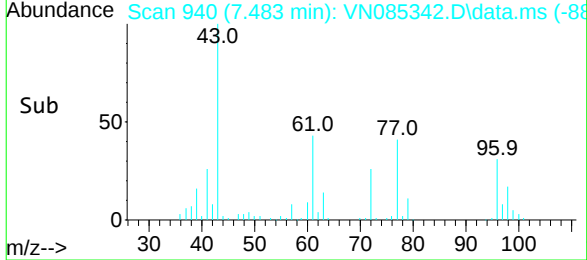
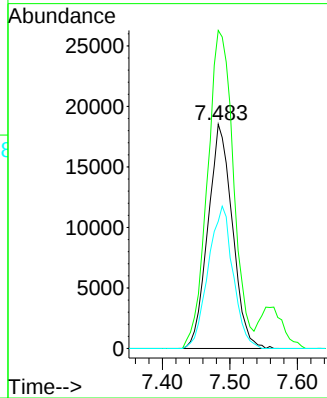
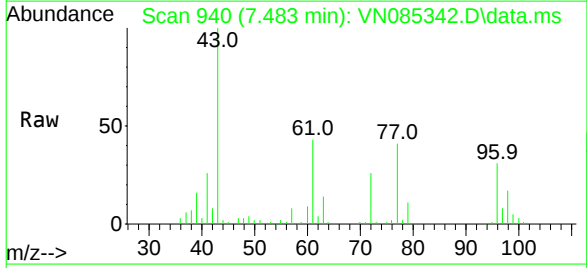
#27
cis-1,2-Dichloroethene
Concen: 19.808 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 96 Resp: 46582
Ion Ratio Lower Upper
96 100
61 151.3 0.0 296.4
98 64.6 0.0 124.2

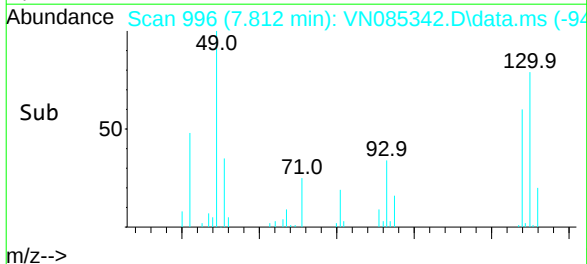
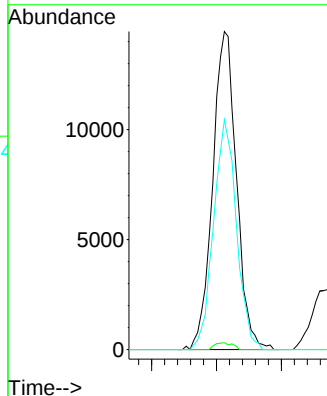
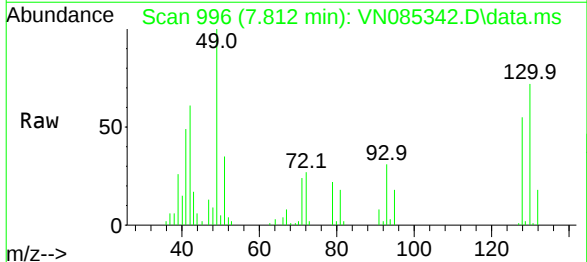
Manual Integrations
APPROVED

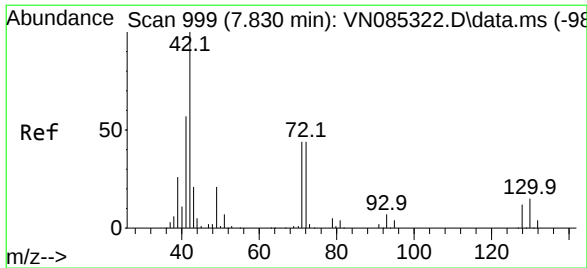
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#28
Bromochloromethane
Concen: 19.878 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion: 49 Resp: 36810
Ion Ratio Lower Upper
49 100
129 1.6 0.0 2.0
130 69.5 0.0 0.0#





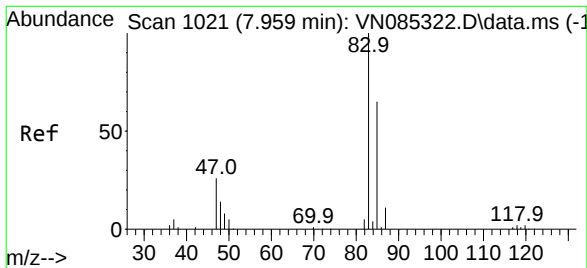
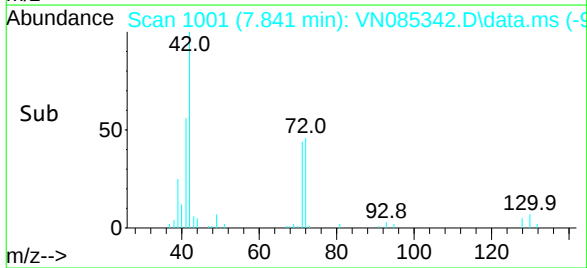
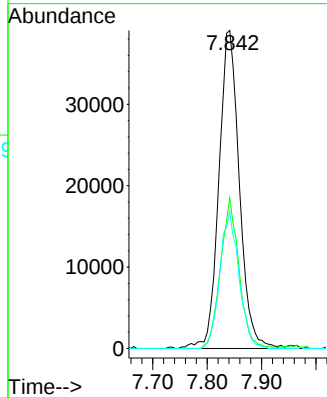
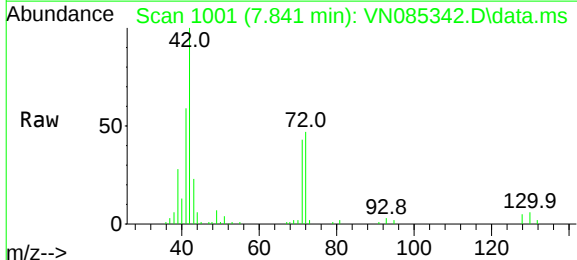
#29
Tetrahydrofuran
Concen: 126.087 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 42 Resp: 102001
Ion Ratio Lower Upper
42 100
72 42.9 35.1 52.7
71 40.4 33.4 50.0

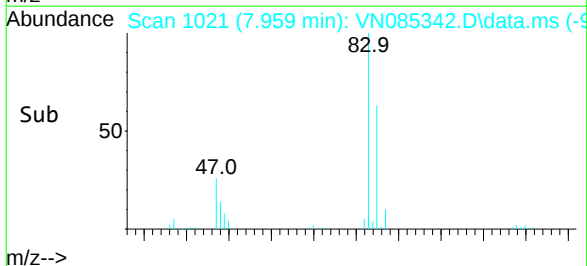
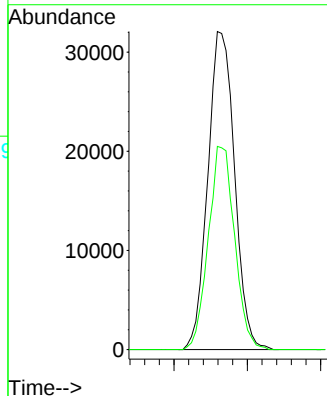
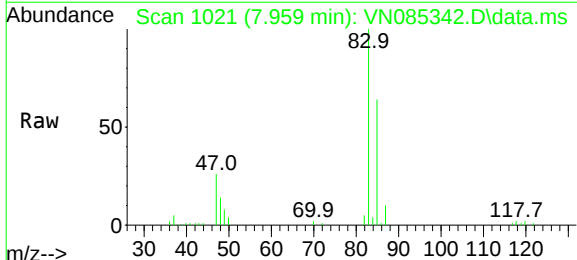
Manual Integrations
APPROVED

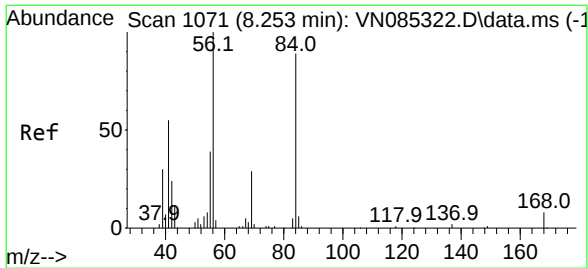
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#30
Chloroform
Concen: 19.923 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

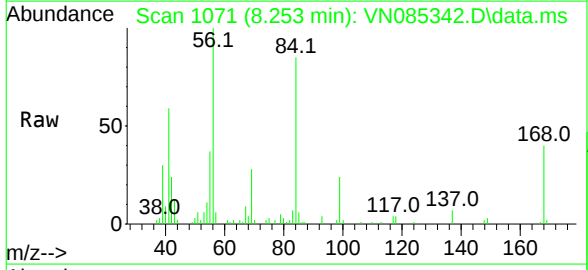
Tgt Ion: 83 Resp: 81221
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0





#31
Cyclohexane
Concen: 18.603 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

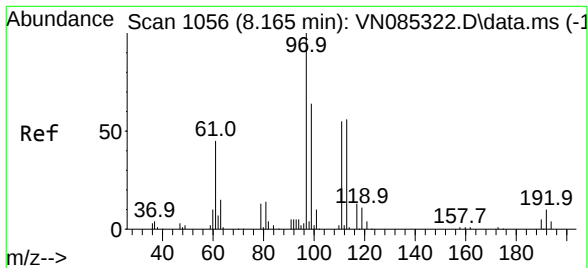
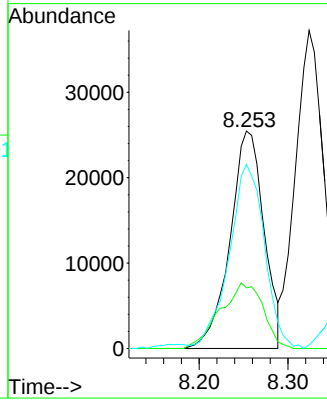
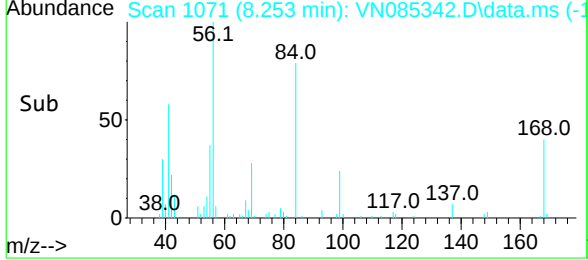
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



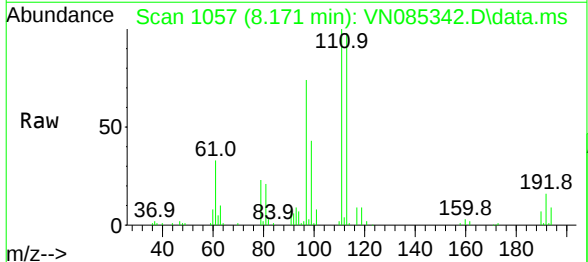
Tgt Ion: 56 Resp: 67693
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.0
84 82.8 71.0 106.6

Manual Integrations
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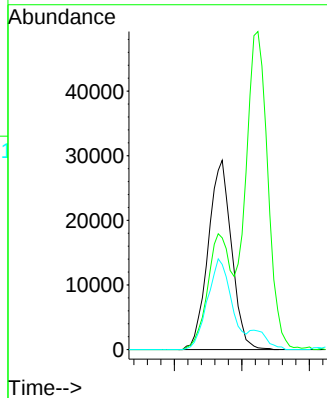
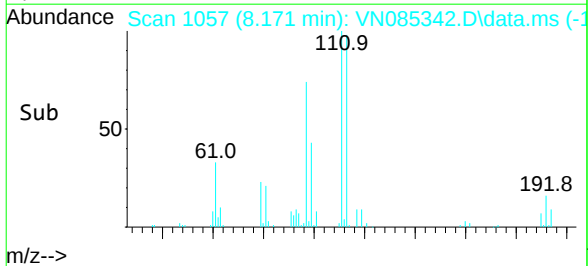
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

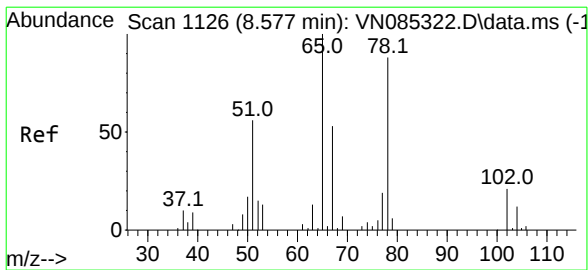


#32
1,1,1-Trichloroethane
Concen: 19.361 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50



Tgt Ion: 97 Resp: 70492
Ion Ratio Lower Upper
97 100
99 61.1 53.3 79.9
61 49.3 39.6 59.4





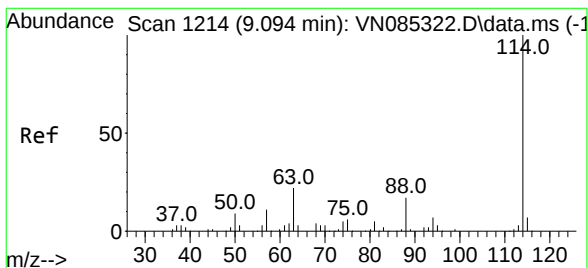
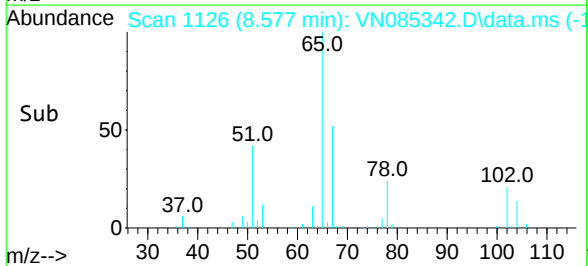
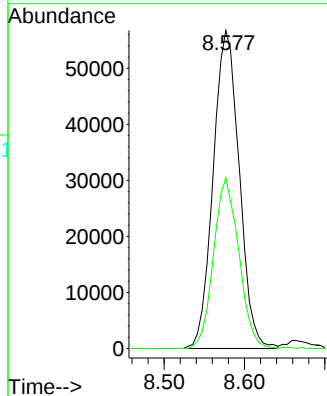
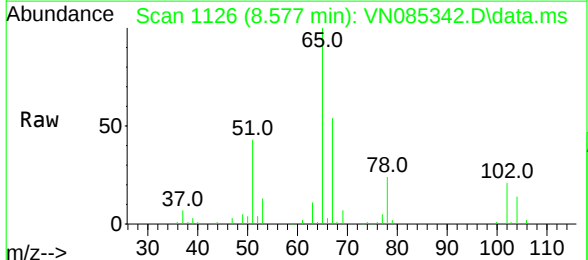
#33
1,2-Dichloroethane-d4
Concen: 51.946 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 65 Resp: 127882
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

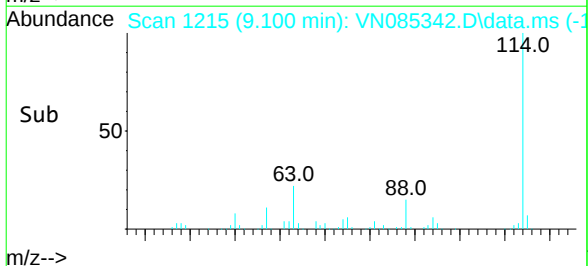
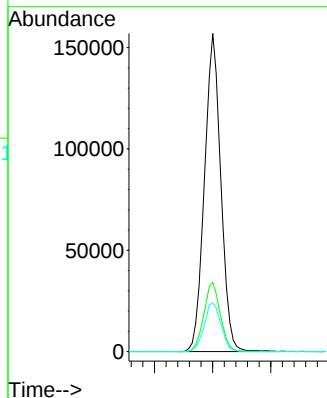
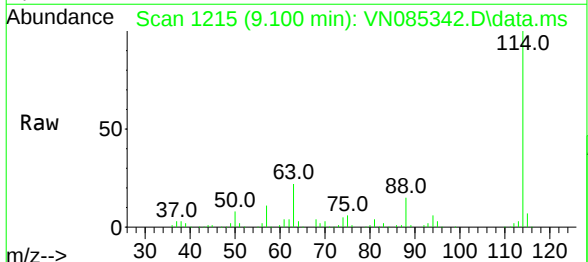
Manual Integrations
APPROVED

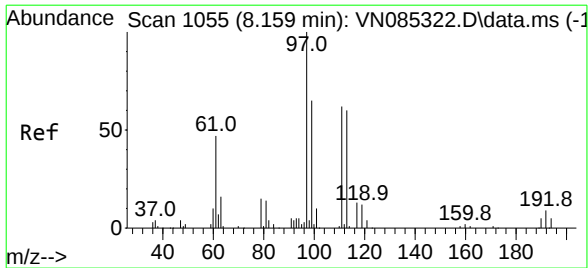
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

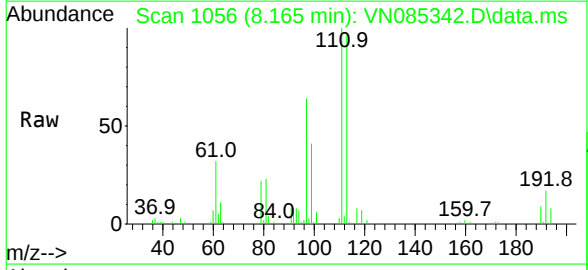
Tgt Ion:114 Resp: 306320
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.4
88 15.2 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 51.708 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085342.D
 Acq: 30 Dec 2024 13:50

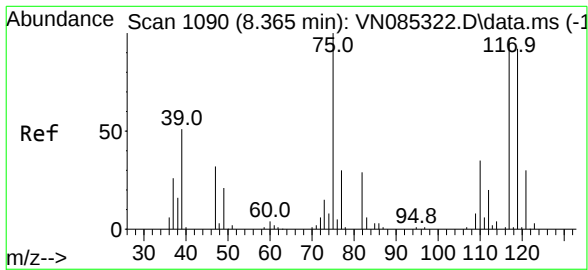
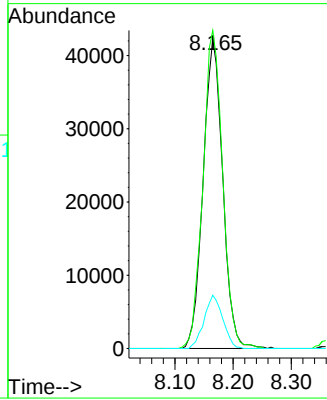
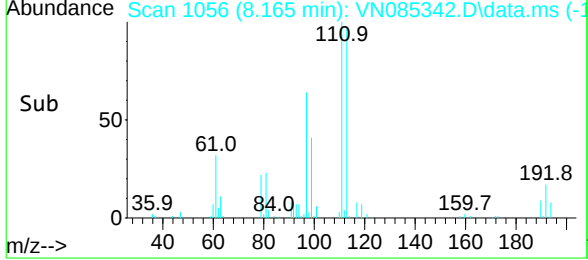
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBS01



Tgt Ion:	113	Resp:	98814
Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.5	120.7
192	16.4	12.9	19.3

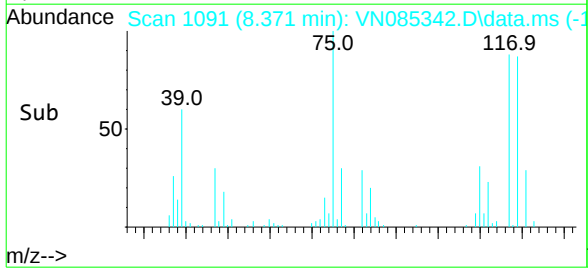
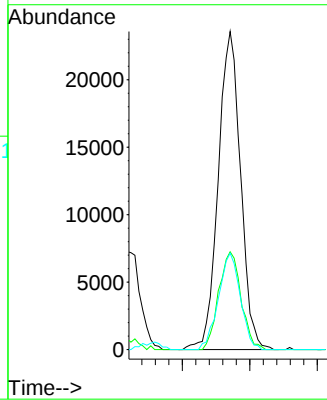
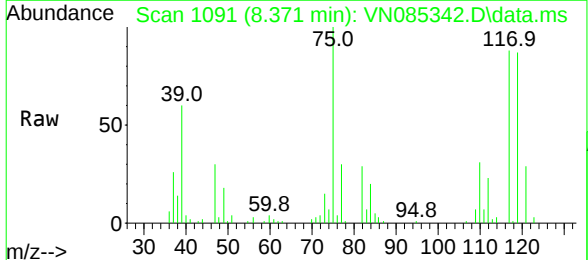
Manual Integrations
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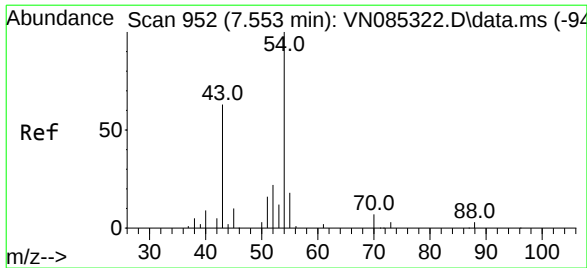
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#36
 1,1-Dichloropropene
 Concen: 19.364 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085342.D
 Acq: 30 Dec 2024 13:50

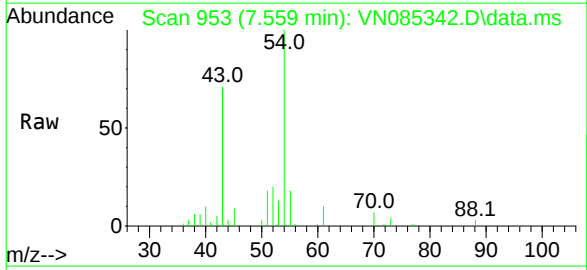
Tgt Ion:	75	Resp:	54180
Ion	Ratio	Lower	Upper
75	100		
110	30.7	16.6	49.8
77	29.6	24.3	36.5





#37
Ethyl Acetate
Concen: 21.905 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

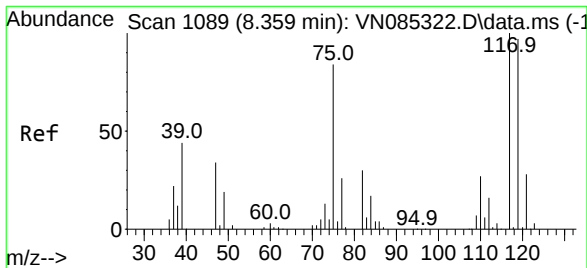
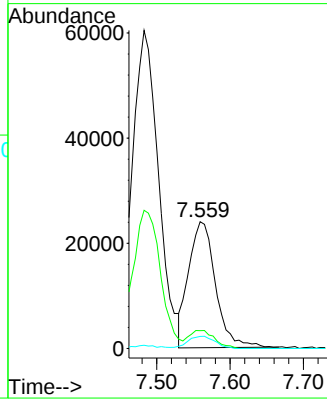
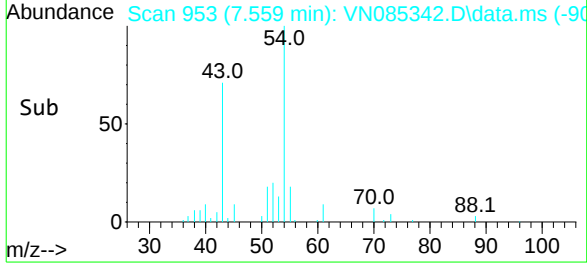
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



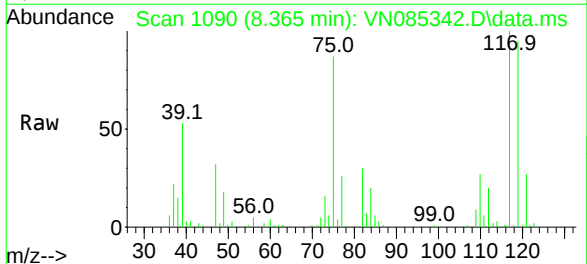
Tgt Ion: 43 Resp: 60918
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 9.8 8.2 12.2

Manual Integrations
APPROVED

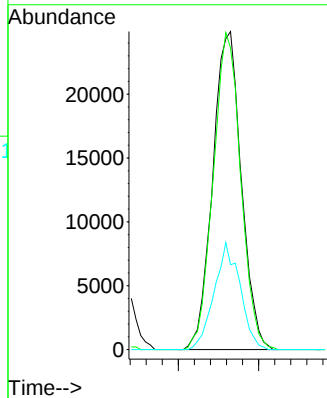
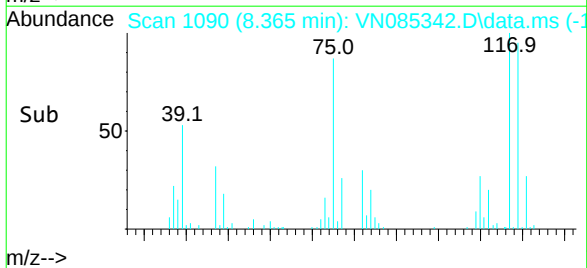
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

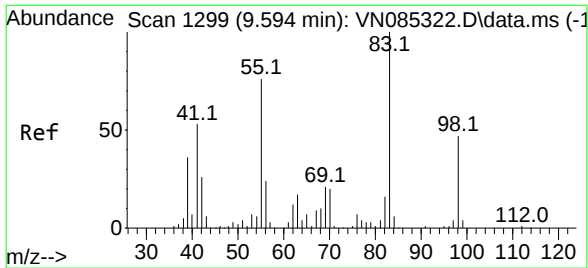


#38
Carbon Tetrachloride
Concen: 20.140 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50



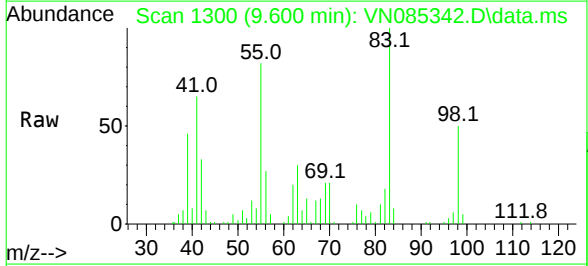
Tgt Ion:117 Resp: 61424
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.6
121 26.7 22.5 33.7





#39
Methylcyclohexane
Concen: 18.453 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

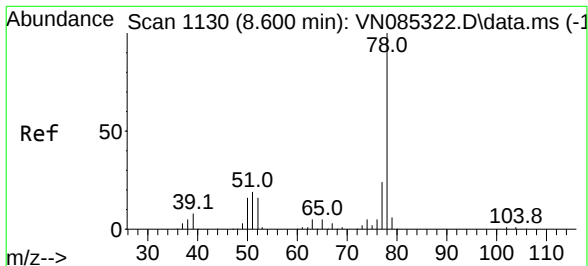
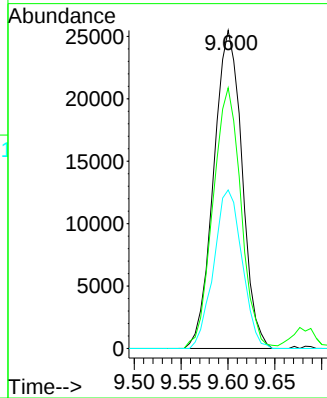
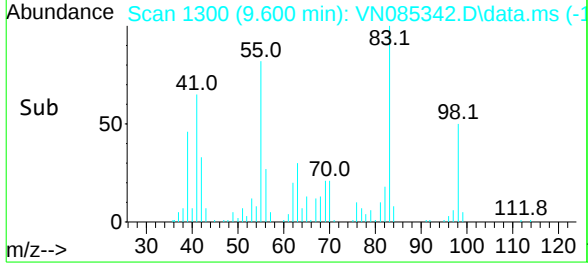
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion: 83 Resp: 53570
Ion Ratio Lower Upper
83 100
55 81.9 60.7 91.1
98 49.8 37.7 56.5

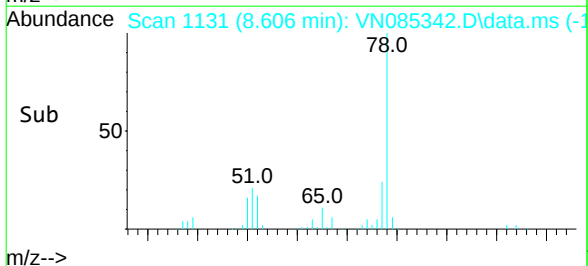
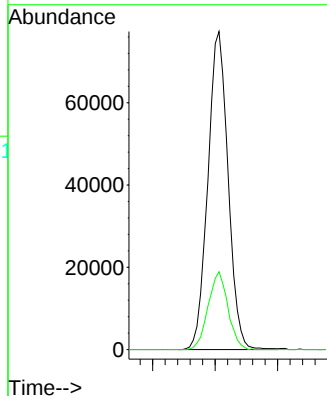
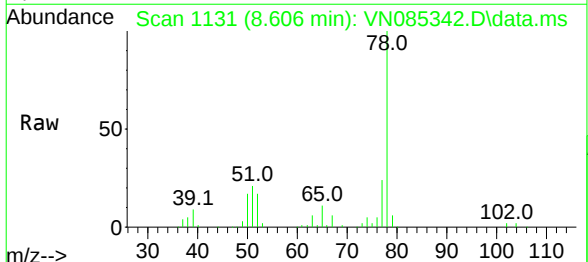
Manual Integrations
APPROVED

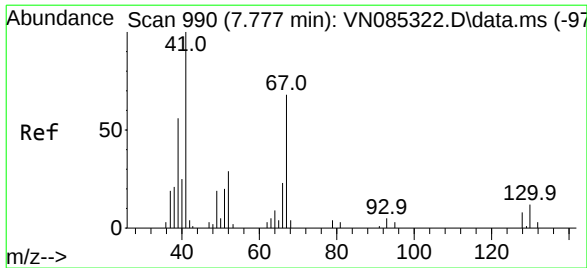
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#40
Benzene
Concen: 20.541 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion: 78 Resp: 173770
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





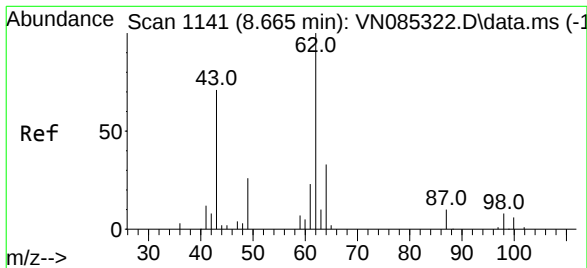
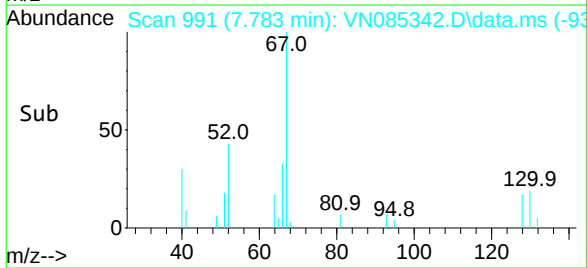
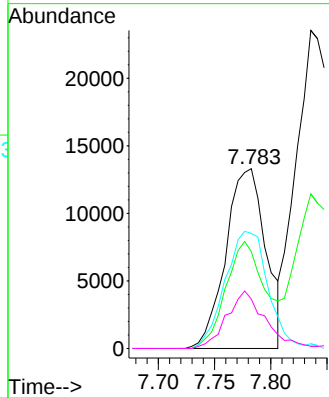
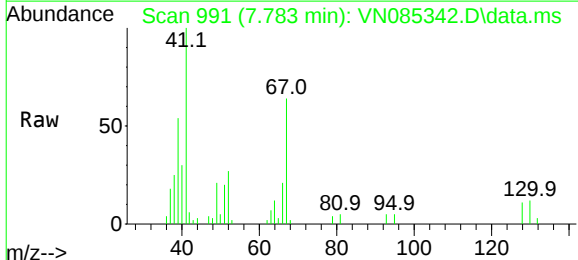
#41
Methacrylonitrile
Concen: 23.146 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion:	41	Resp:	32966
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.8	68.8
67	70.1	57.1	85.7
52	31.0	25.1	37.7

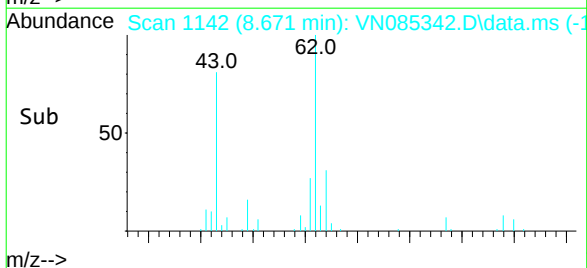
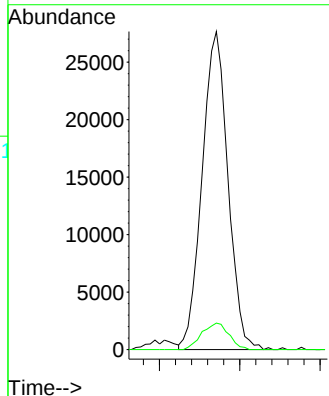
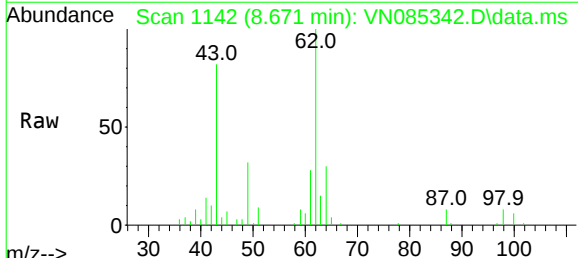
Manual Integrations
APPROVED

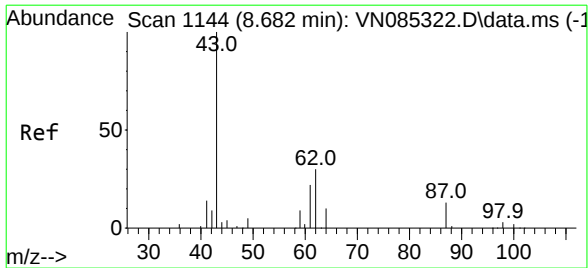
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#42
1,2-Dichloroethane
Concen: 20.368 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:	62	Resp:	61776
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





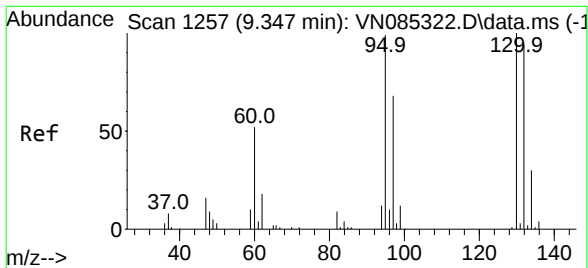
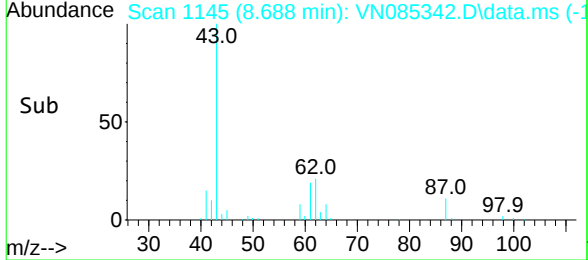
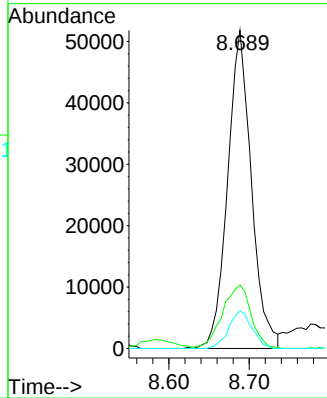
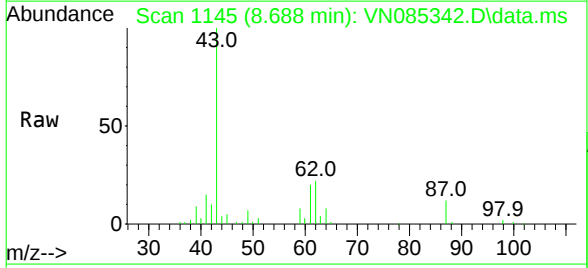
#43
Isopropyl Acetate
Concen: 23.249 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 43 Resp: 106465
Ion Ratio Lower Upper
43 100
61 24.0 20.8 31.2
87 11.6 10.2 15.4

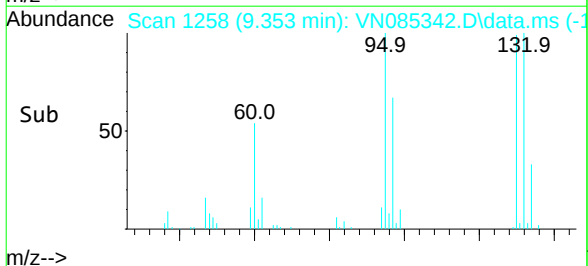
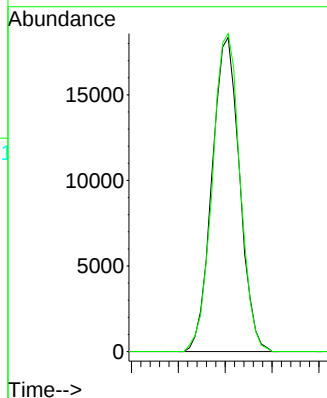
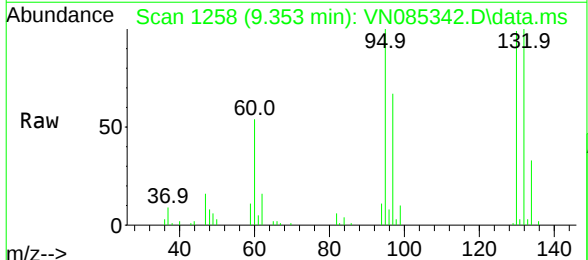
Manual Integrations
APPROVED

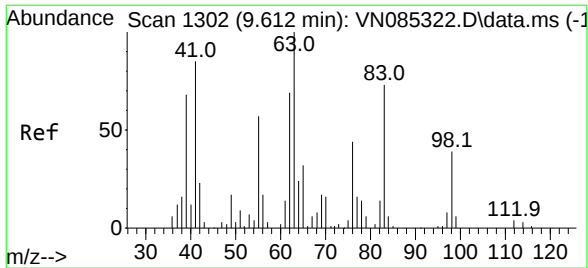
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#44
Trichloroethene
Concen: 18.735 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:130 Resp: 37524
Ion Ratio Lower Upper
130 100
95 101.2 0.0 197.8





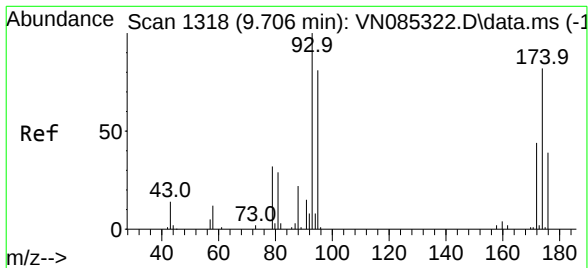
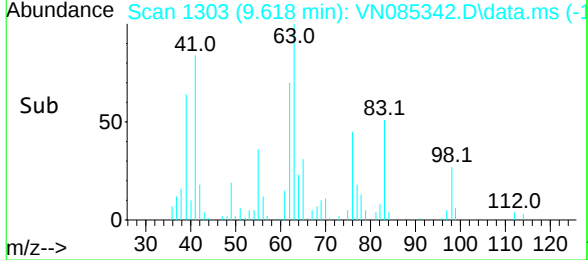
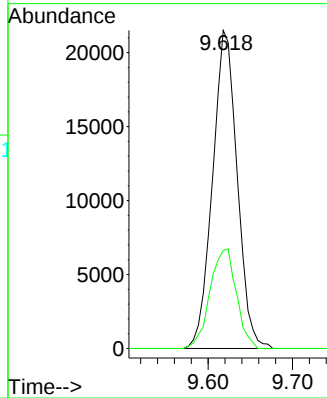
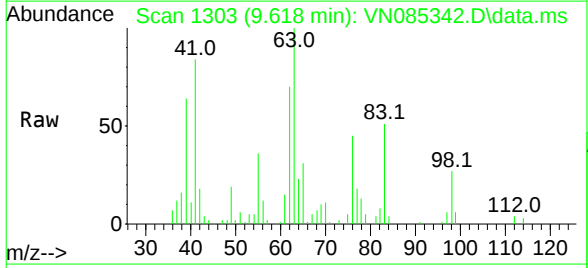
#45
1,2-Dichloropropane
Concen: 20.316 ug/l
RT: 9.618 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 63 Resp: 43629
Ion Ratio Lower Upper
63 100
65 30.8 25.5 38.3

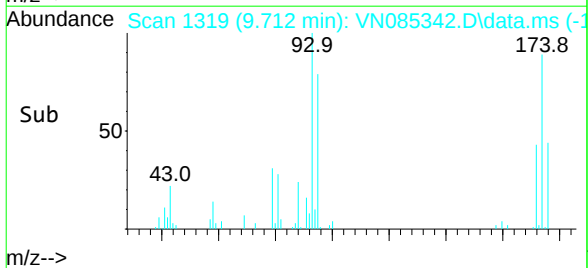
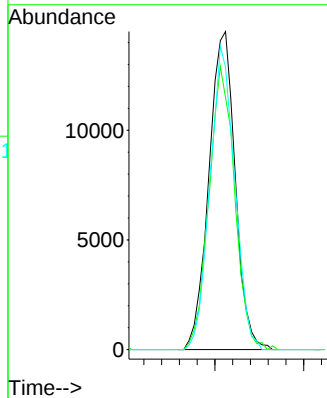
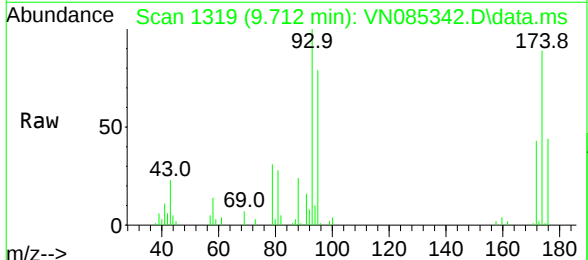
Manual Integrations
APPROVED

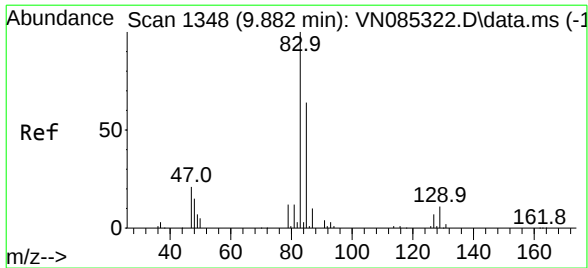
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#46
Dibromomethane
Concen: 19.964 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion: 93 Resp: 29817
Ion Ratio Lower Upper
93 100
95 86.8 65.3 97.9
174 90.2 66.4 99.6





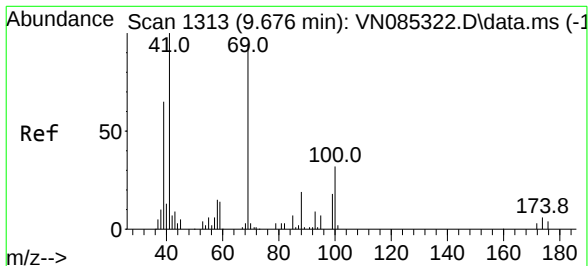
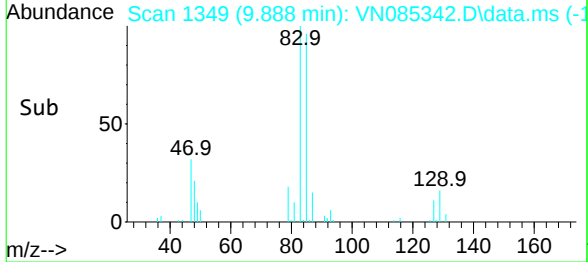
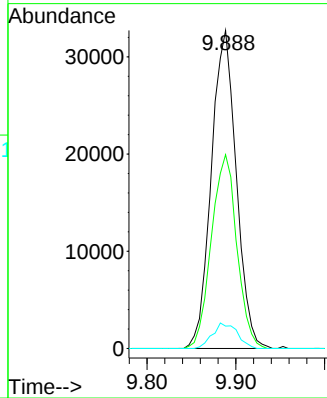
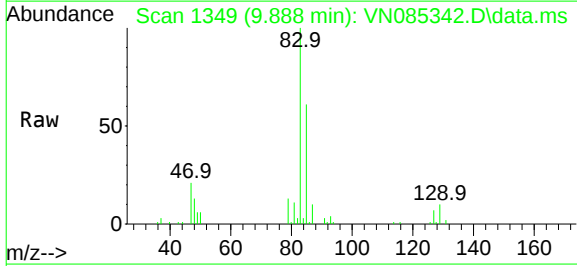
#47
Bromodichloromethane
Concen: 20.607 ug/l
RT: 9.888 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 83 Resp: 63969
Ion Ratio Lower Upper
83 100
85 60.9 51.0 76.4
127 7.0 5.8 8.6

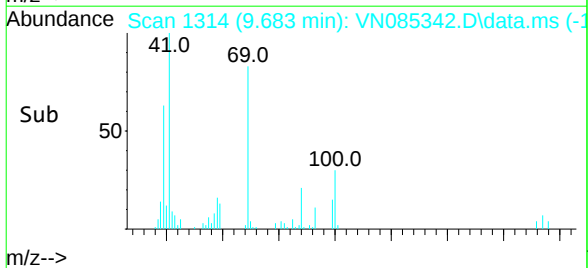
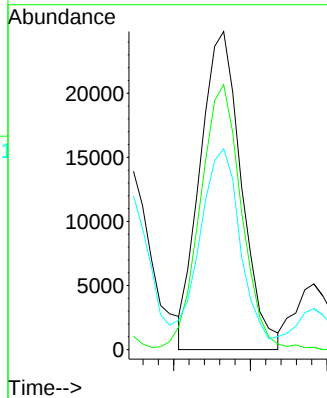
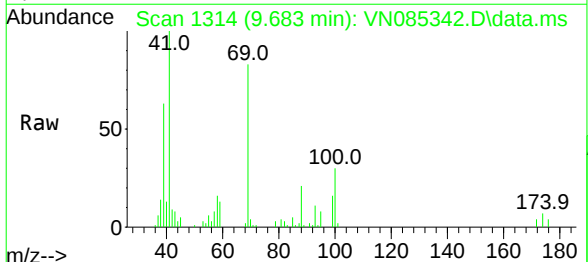
Manual Integrations
APPROVED

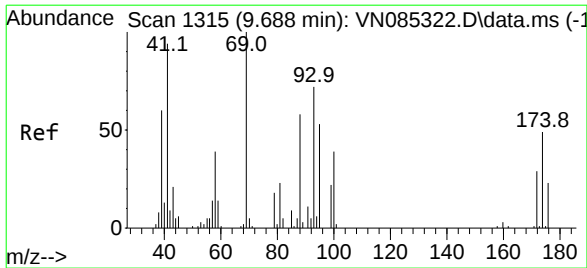
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#48
Methyl methacrylate
Concen: 23.277 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

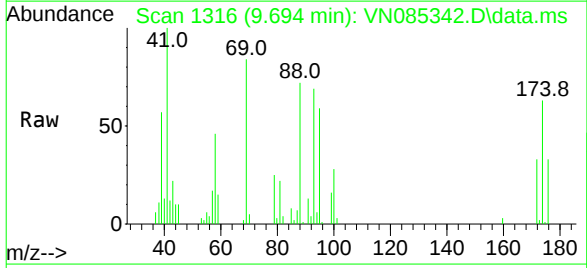
Tgt Ion: 41 Resp: 46252
Ion Ratio Lower Upper
41 100
69 83.8 67.7 101.5
39 64.0 51.2 76.8





#49
1,4-Dioxane
Concen: 561.246 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

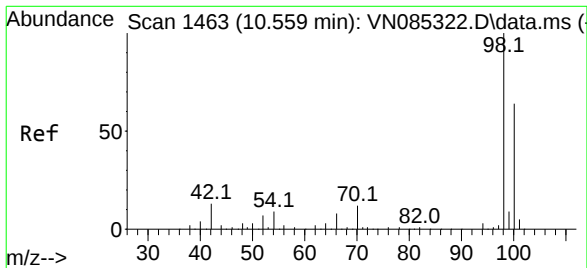
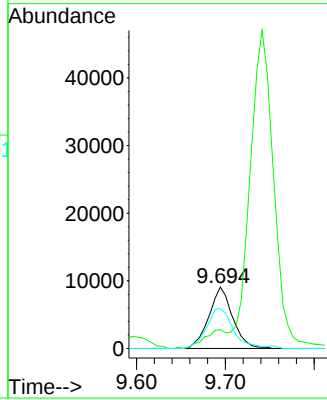
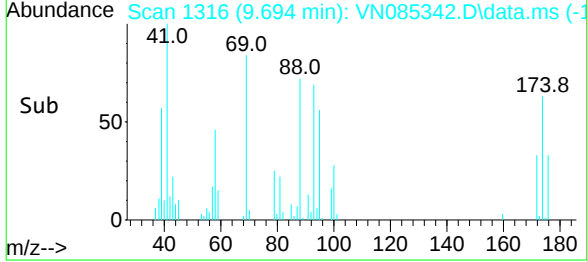
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion: 88 Resp: 16826
Ion Ratio Lower Upper
88 100
43 28.2 22.1 33.1
58 72.8 56.7 85.1

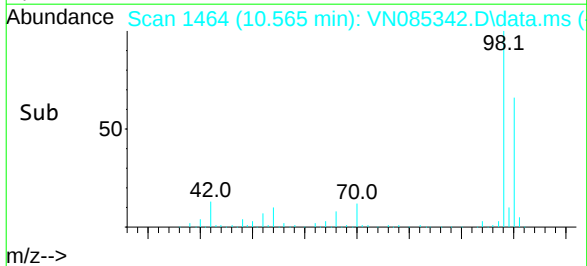
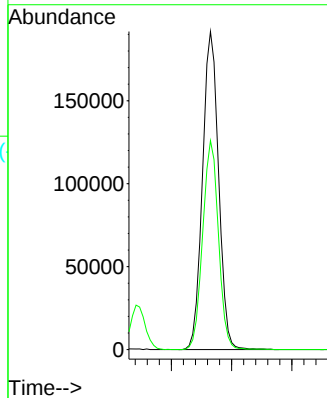
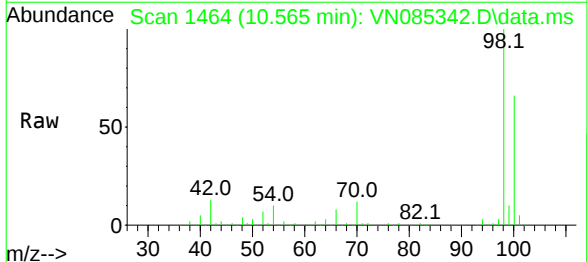
Manual Integrations
APPROVED

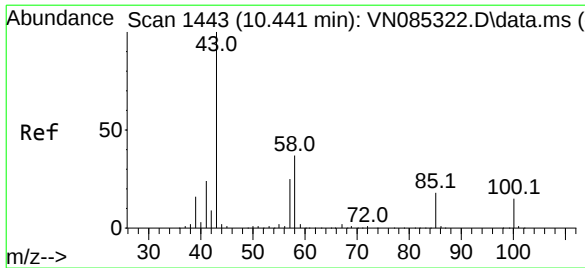
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#50
Toluene-d8
Concen: 50.697 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion: 98 Resp: 355512
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





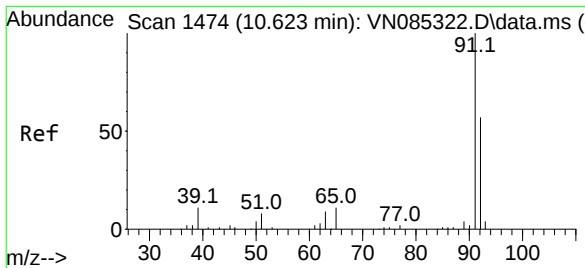
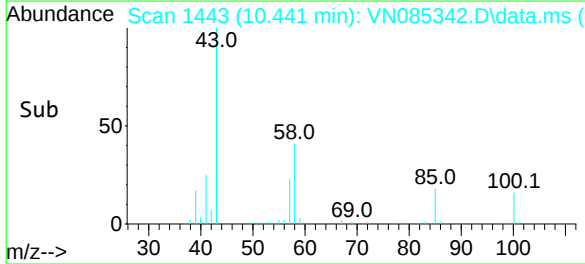
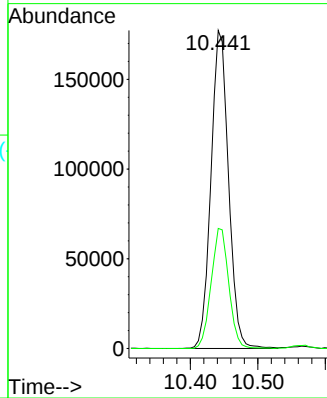
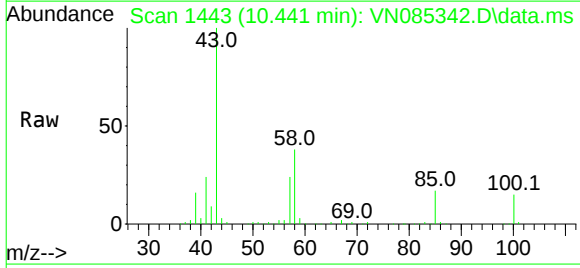
#51
4-Methyl-2-Pentanone
Concen: 124.525 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 43 Resp: 320451
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

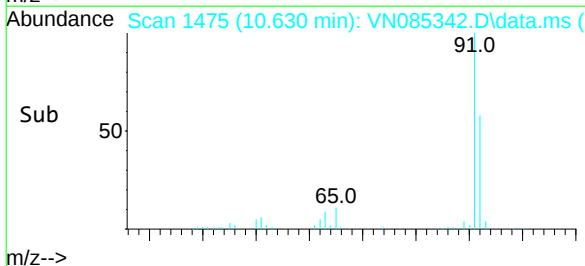
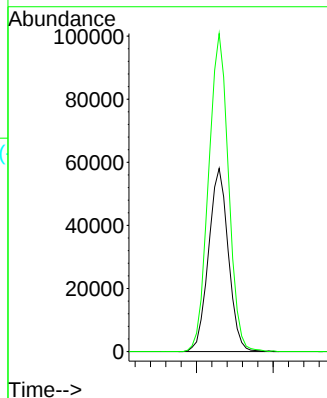
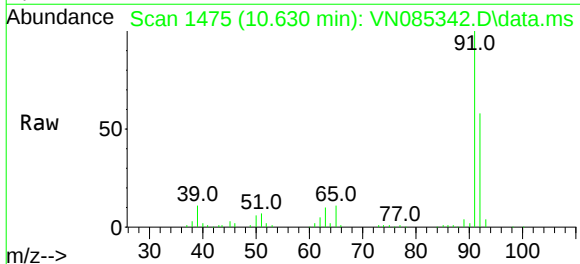
Manual Integrations
APPROVED

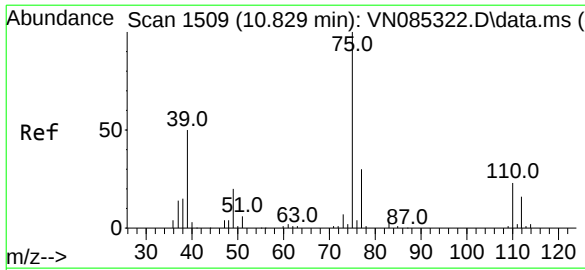
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#52
Toluene
Concen: 20.621 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

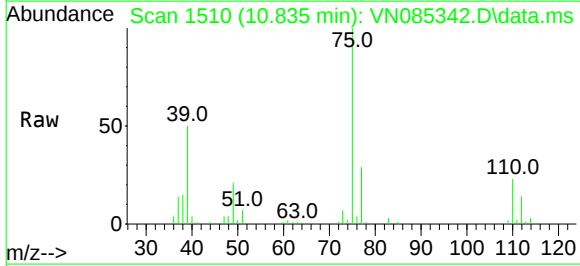
Tgt Ion: 92 Resp: 103870
Ion Ratio Lower Upper
92 100
91 175.3 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 19.987 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

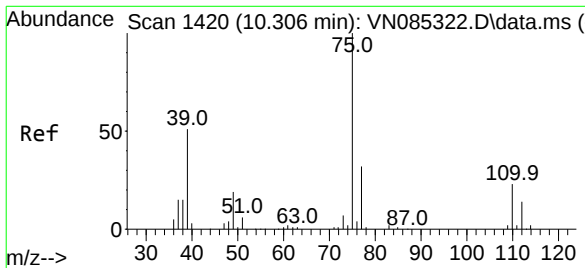
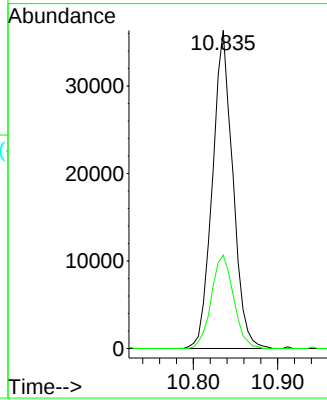
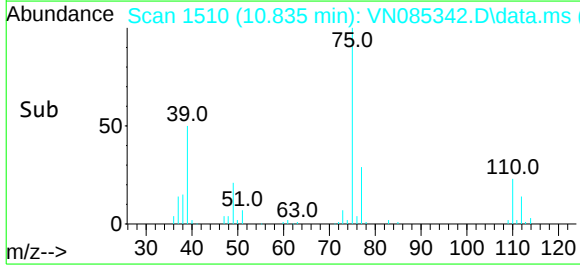
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



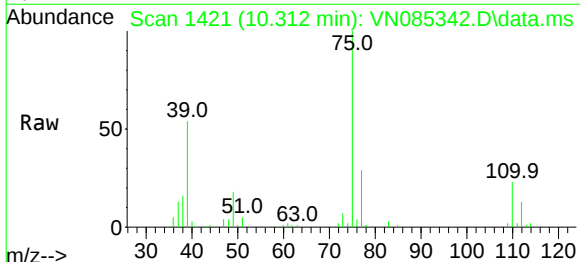
Tgt Ion: 75 Resp: 61014
Ion Ratio Lower Upper
75 100
77 29.4 23.8 35.6

Manual Integrations
APPROVED

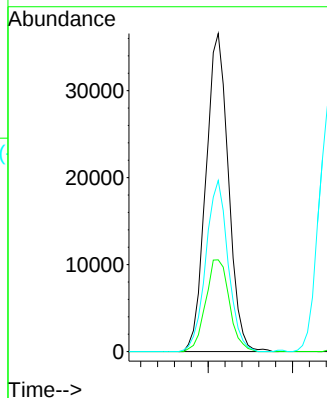
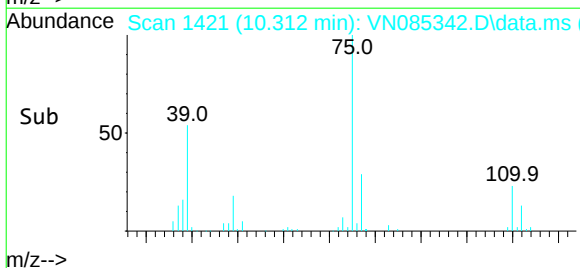
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

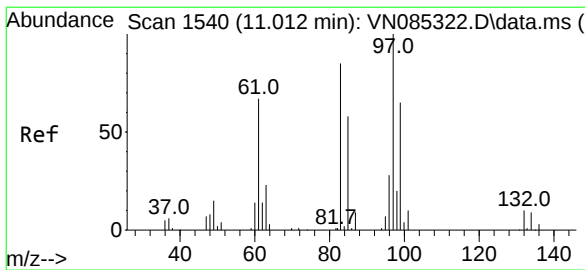


#54
cis-1,3-Dichloropropene
Concen: 20.560 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50



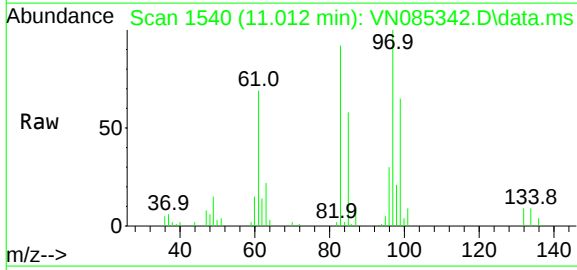
Tgt Ion: 75 Resp: 67869
Ion Ratio Lower Upper
75 100
77 28.8 25.5 38.3
39 53.8 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 20.350 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

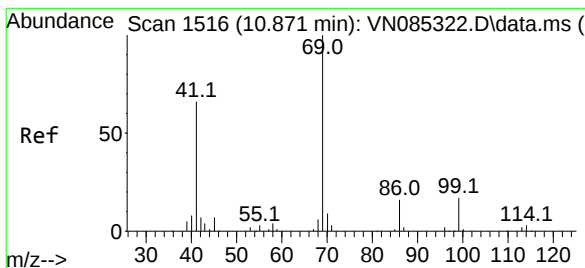
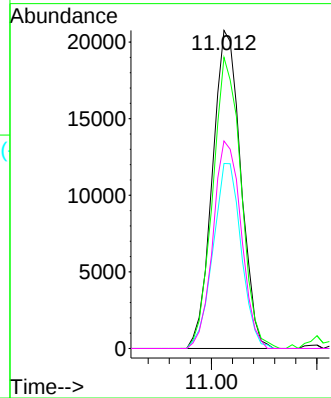
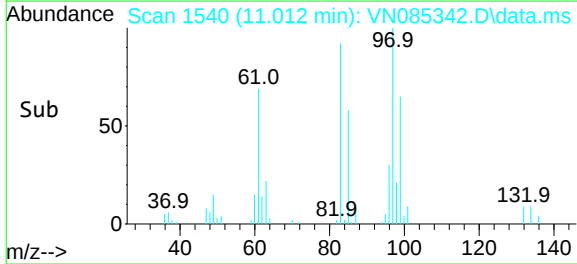
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion:	97	Resp:	38701
Ion	Ratio	Lower	Upper
97	100		
83	91.5	67.7	101.5
85	58.2	46.2	69.4
99	65.2	51.8	77.6

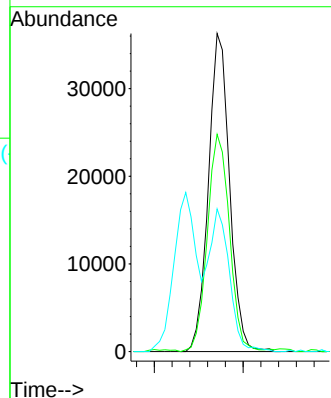
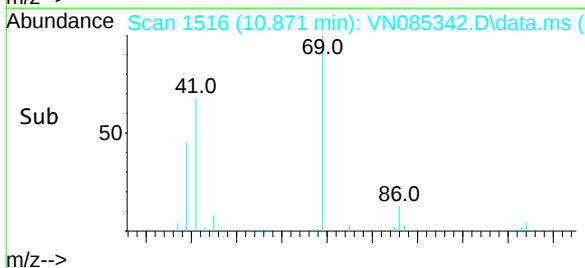
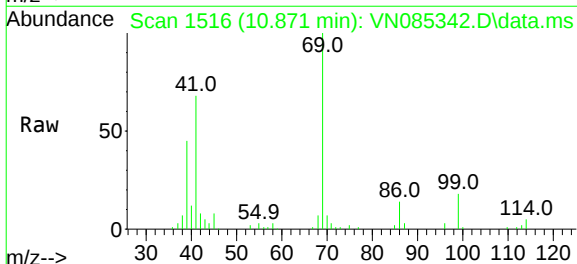
Manual Integrations
APPROVED

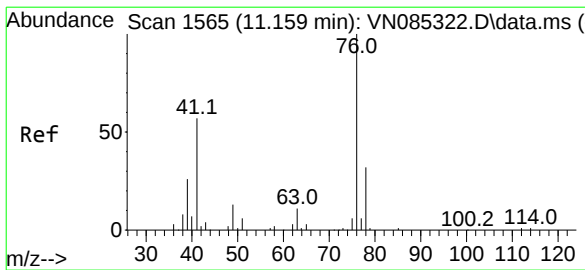
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#56
Ethyl methacrylate
Concen: 21.693 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

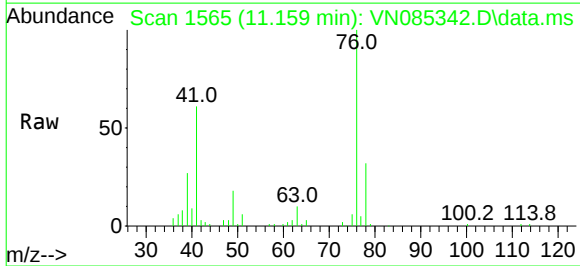
Tgt Ion:	69	Resp:	60083
Ion	Ratio	Lower	Upper
69	100		
41	71.3	54.3	81.5
39	44.0	32.0	48.0





#57
1,3-Dichloropropane
Concen: 20.984 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

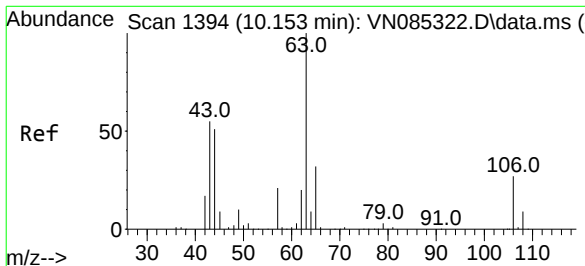
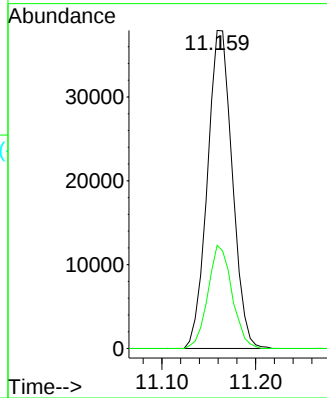
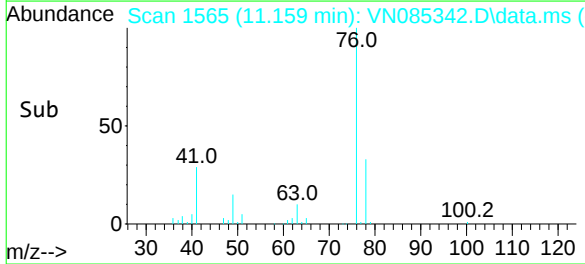
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



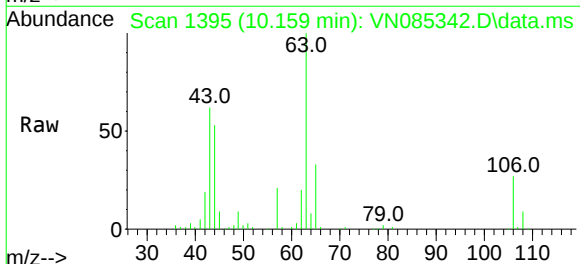
Tgt Ion: 76 Resp: 70040
Ion Ratio Lower Upper
76 100
78 31.3 25.5 38.3

Manual Integrations
APPROVED

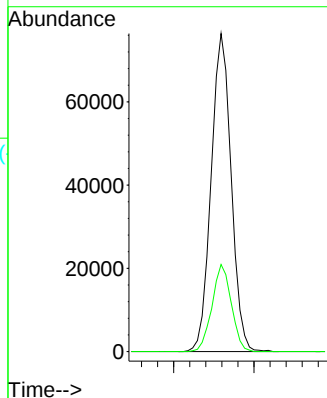
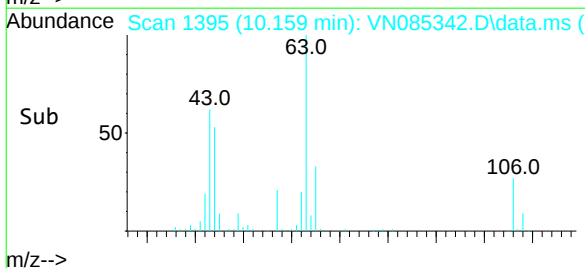
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

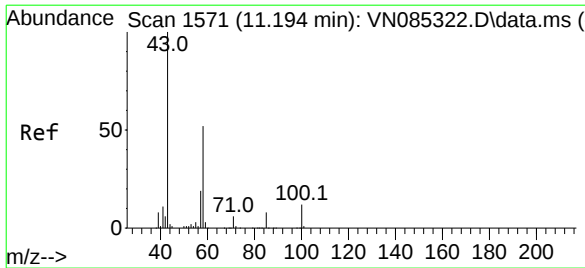


#58
2-Chloroethyl Vinyl ether
Concen: 98.657 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50



Tgt Ion: 63 Resp: 132204
Ion Ratio Lower Upper
63 100
106 26.3 22.1 33.1





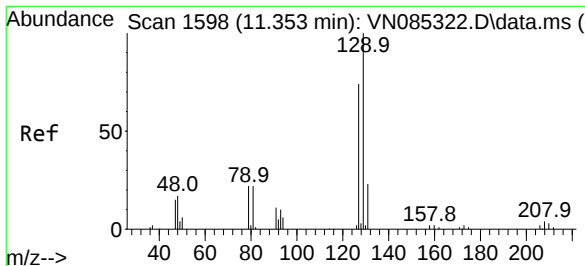
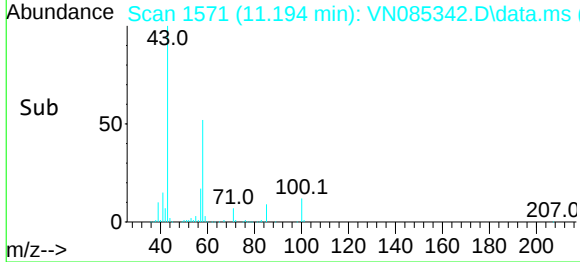
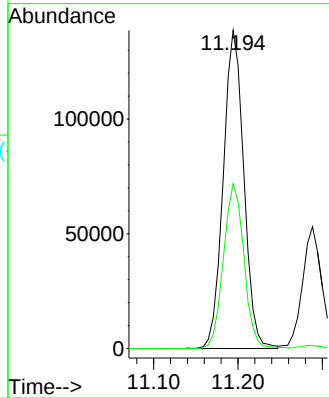
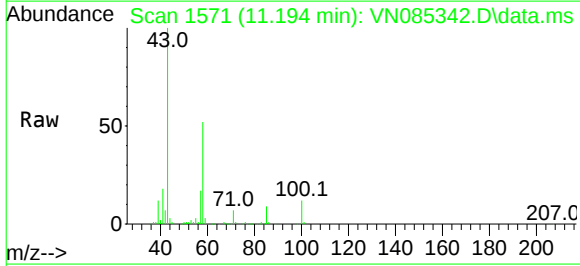
#59
2-Hexanone
Concen: 131.447 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 43 Resp: 234696
Ion Ratio Lower Upper
43 100
58 51.6 26.5 79.5

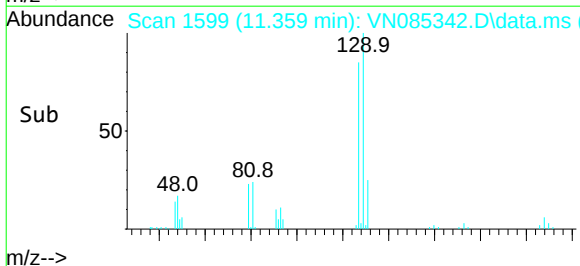
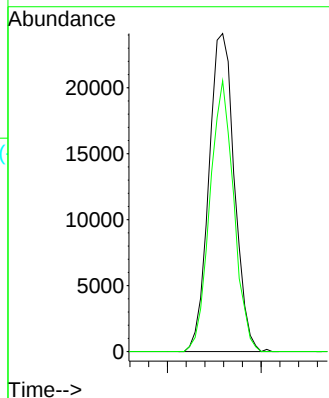
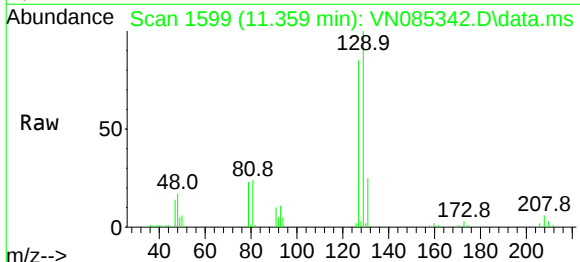
Manual Integrations
APPROVED

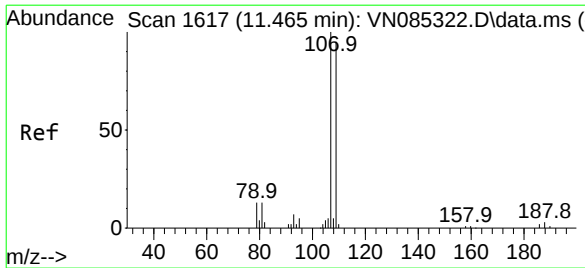
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#60
Dibromochloromethane
Concen: 21.309 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:129 Resp: 45645
Ion Ratio Lower Upper
129 100
127 79.5 38.3 114.9





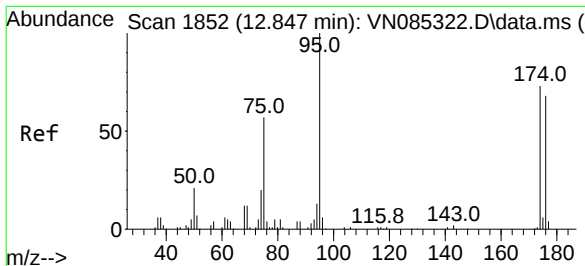
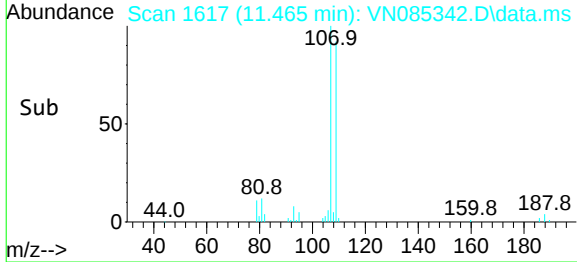
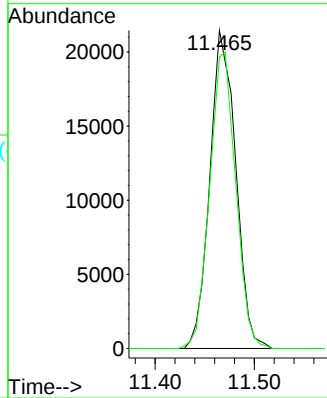
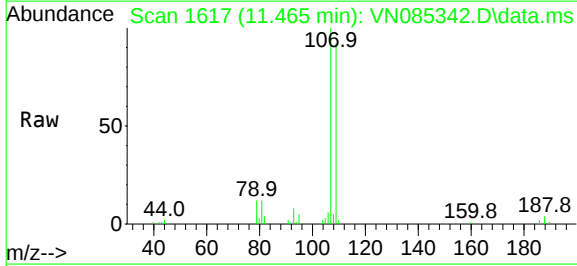
#61
1,2-Dibromoethane
Concen: 20.670 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 107 Resp: 38890
Ion Ratio Lower Upper
107 100
109 94.1 74.9 112.3

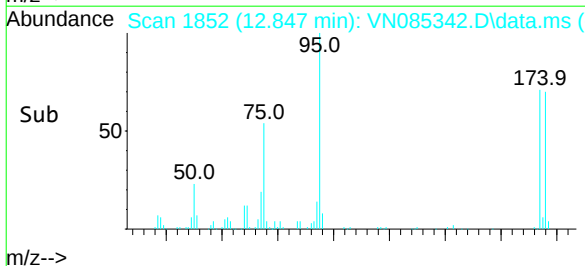
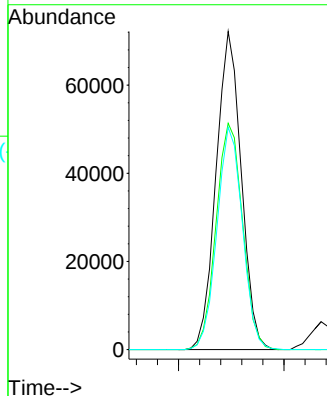
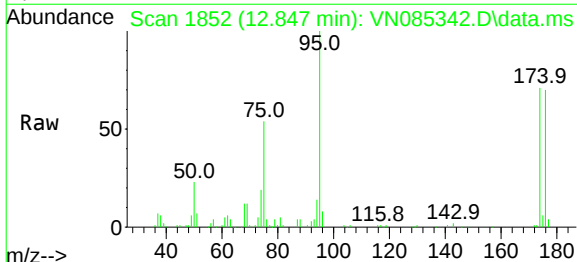
Manual Integrations
APPROVED

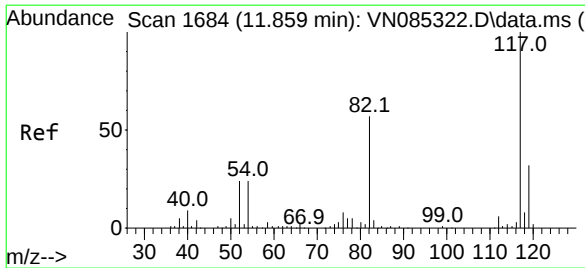
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#62
4-Bromofluorobenzene
Concen: 51.500 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

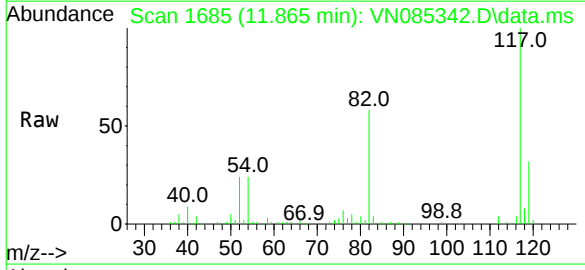
Tgt Ion: 95 Resp: 119938
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.2
176 70.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

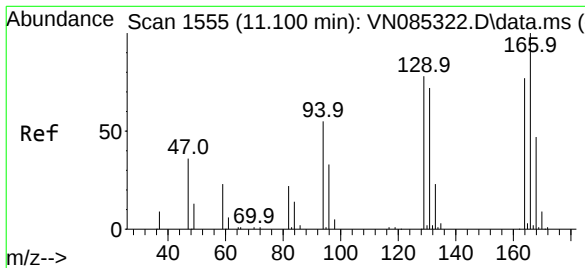
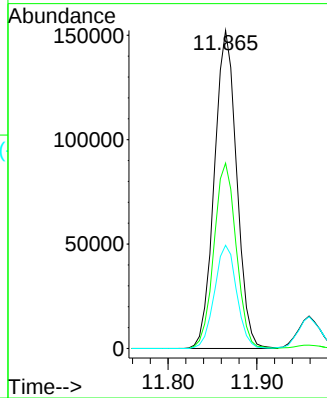
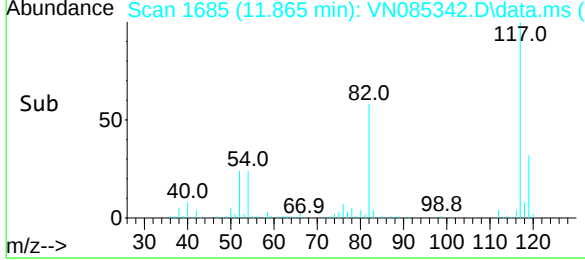
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion:117 Resp: 265813
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 32.5 25.8 38.8

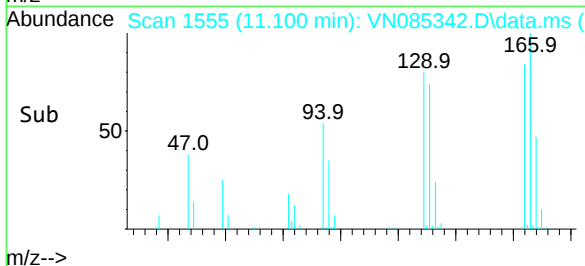
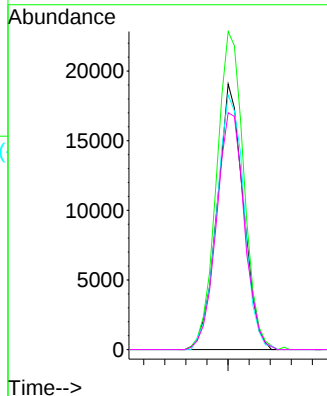
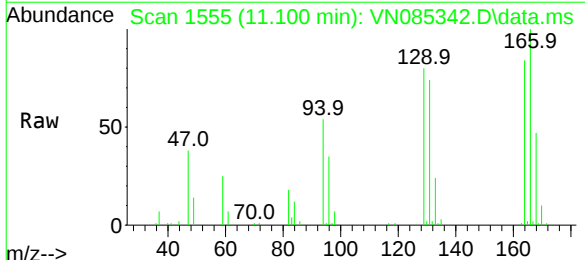
Manual Integrations
APPROVED

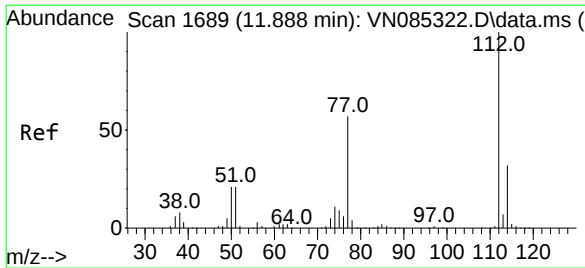
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#64
Tetrachloroethene
Concen: 19.584 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:164 Resp: 32985
Ion Ratio Lower Upper
164 100
166 119.7 104.0 156.0
129 95.8 81.3 121.9
131 89.1 75.0 112.6





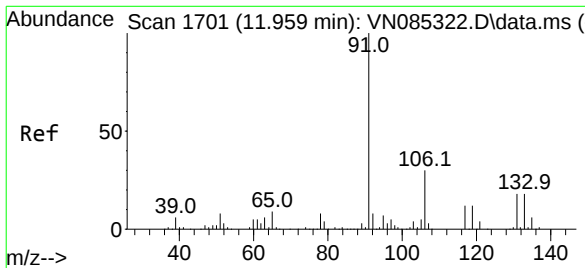
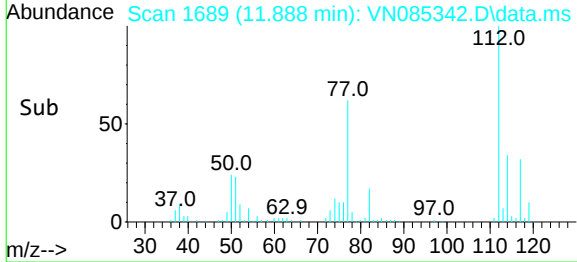
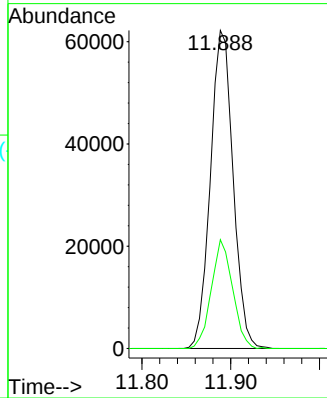
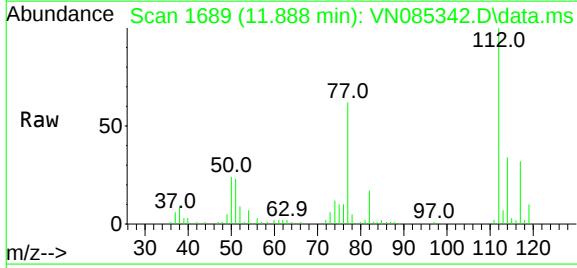
#65
Chlorobenzene
Concen: 19.237 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion:112 Resp: 110499
Ion Ratio Lower Upper
112 100
114 34.2 25.2 37.8

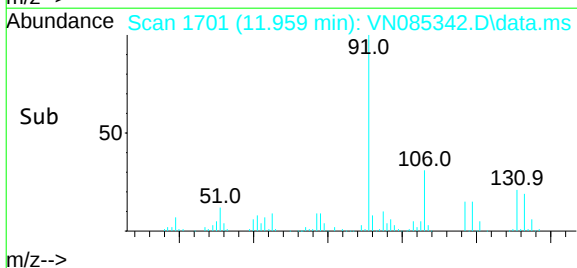
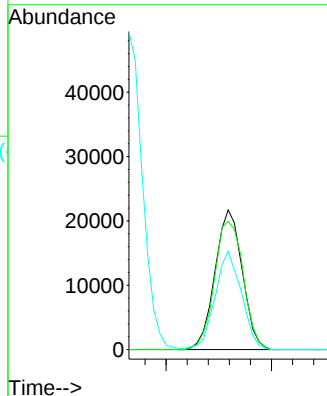
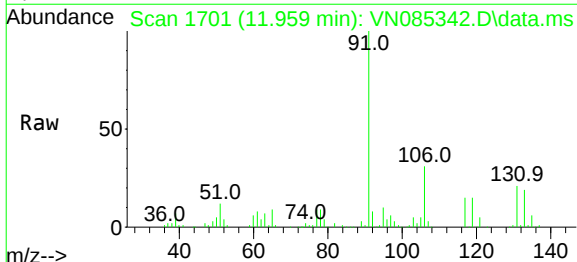
Manual Integrations
APPROVED

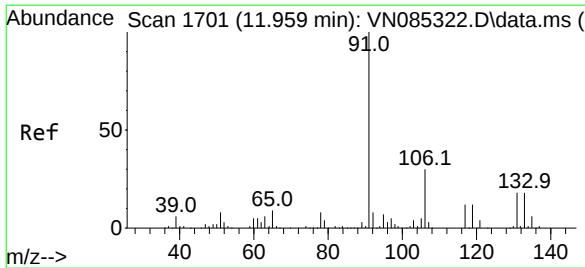
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.260 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:131 Resp: 39059
Ion Ratio Lower Upper
131 100
133 96.7 48.3 144.9
119 67.8 33.4 100.1





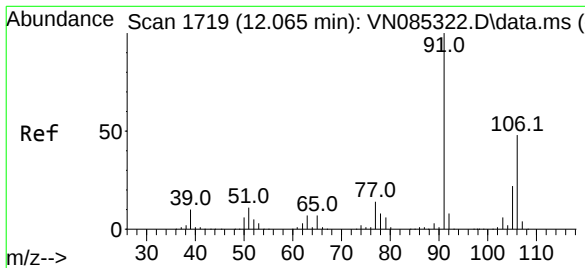
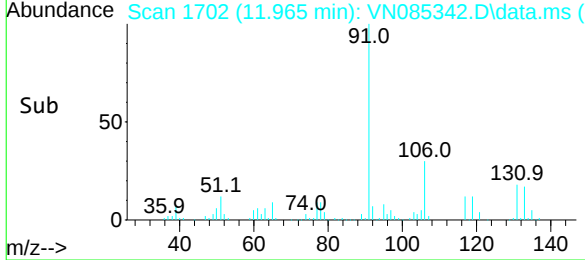
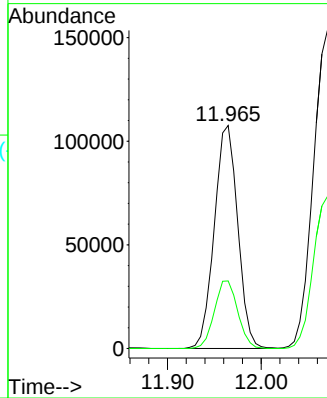
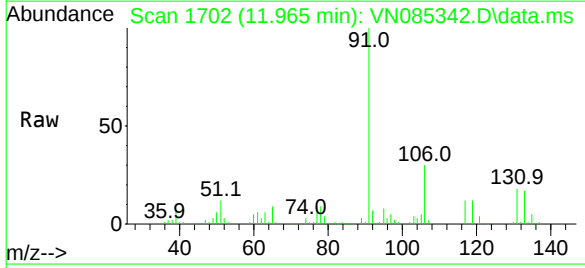
#67
Ethyl Benzene
Concen: 19.583 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 91 Resp: 187071
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

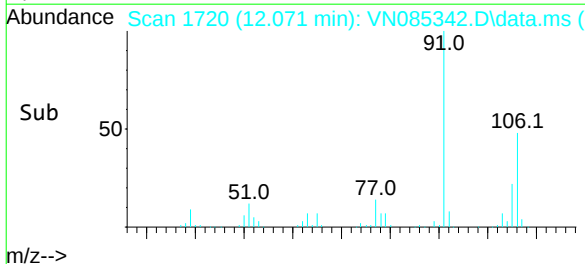
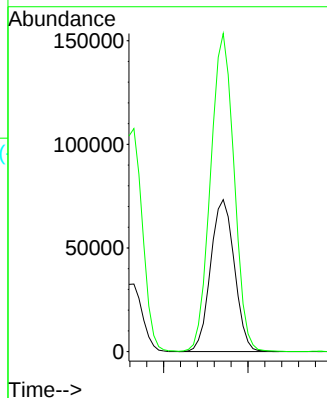
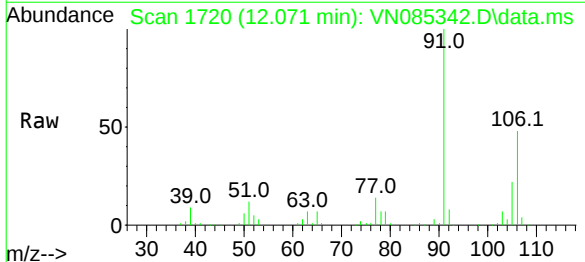
Manual Integrations
APPROVED

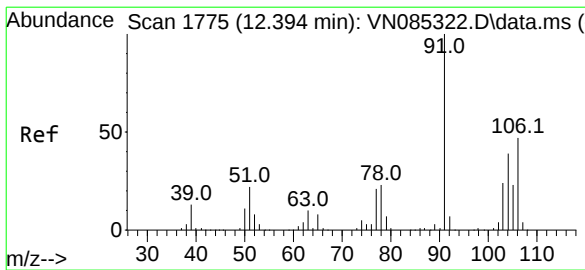
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#68
m/p-Xylenes
Concen: 41.175 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:106 Resp: 143945
Ion Ratio Lower Upper
106 100
91 206.9 165.2 247.8





#69

o-Xylene

Concen: 20.004 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

Tgt Ion:106 Resp: 67651

Ion Ratio Lower Upper

106 100

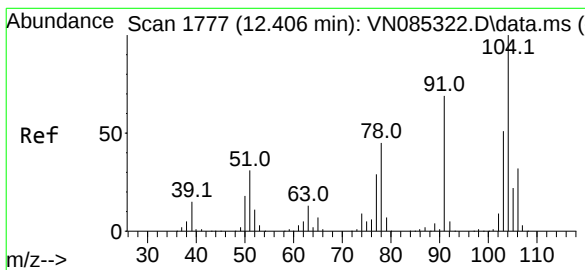
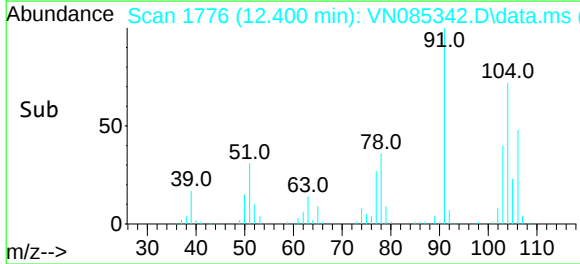
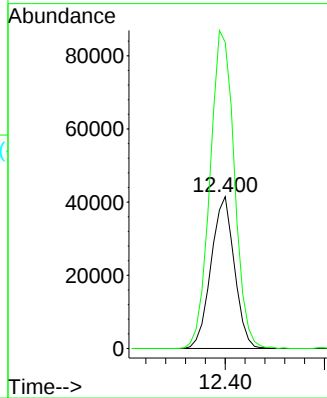
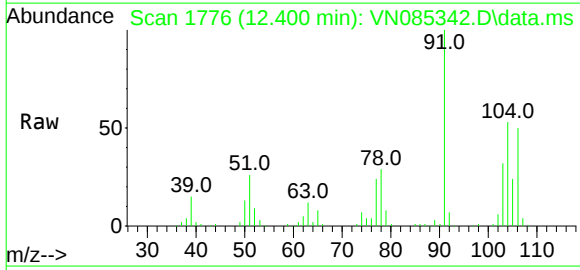
91 218.9 107.3 321.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#70

Styrene

Concen: 20.863 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

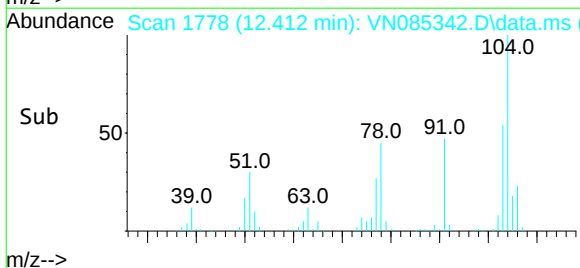
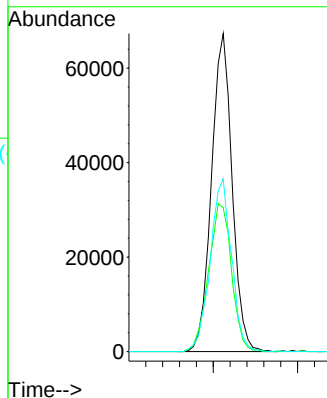
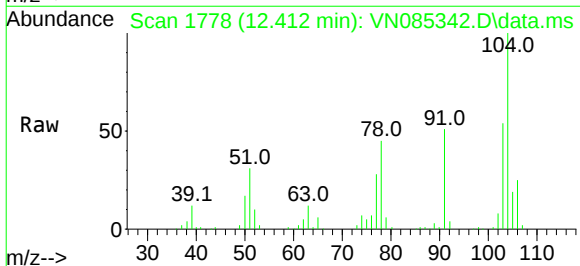
Tgt Ion:104 Resp: 114350

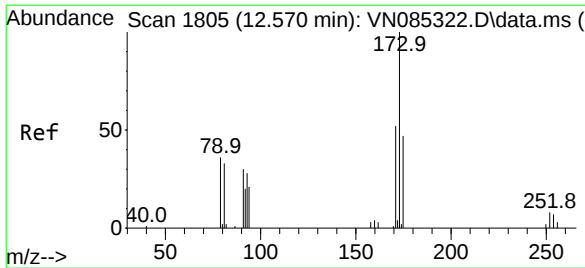
Ion Ratio Lower Upper

104 100

78 51.7 40.7 61.1

103 56.2 44.1 66.1





#71

Bromoform

Concen: 22.716 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

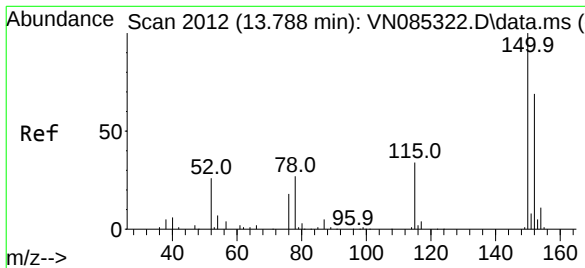
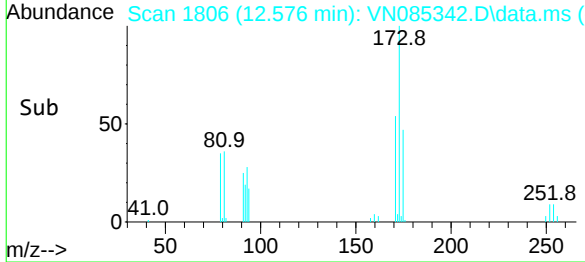
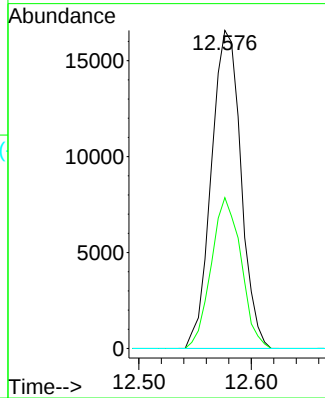
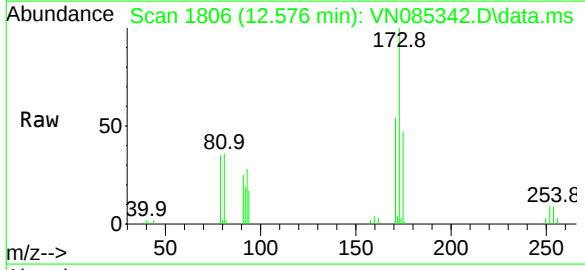
Tgt Ion:	173	Resp:	30332
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

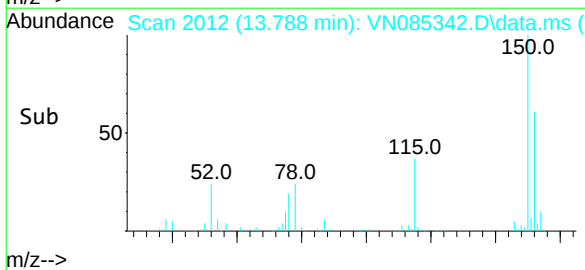
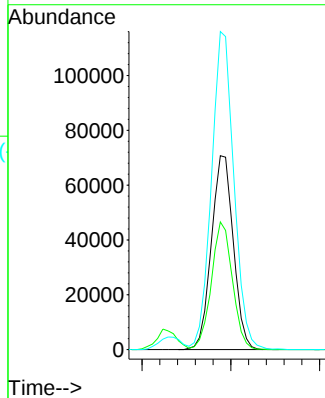
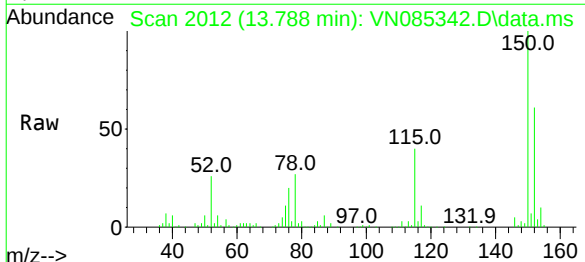
RT: 13.788 min Scan# 2012

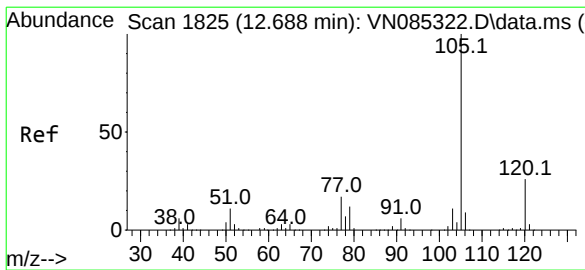
Delta R.T. 0.000 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Tgt Ion:	152	Resp:	121453
Ion Ratio	Lower	Upper	
152	100		
115	63.1	30.4	91.3
150	167.6	0.0	345.0





#73

Isopropylbenzene

Concen: 19.552 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

Tgt Ion: 105 Resp: 170761

Ion Ratio Lower Upper

105 100

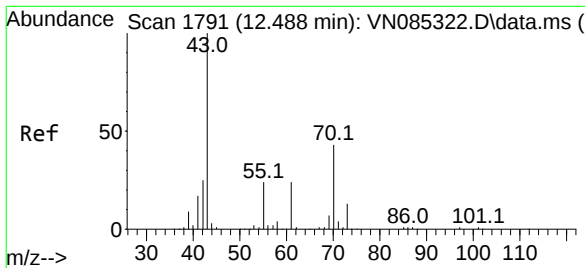
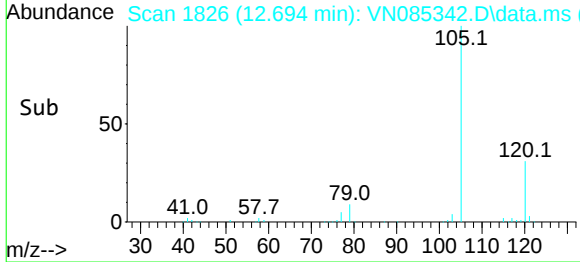
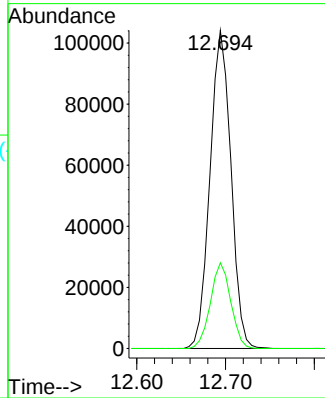
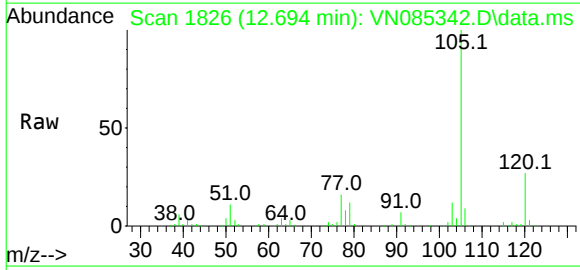
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#74

N-ethyl acetate

Concen: 22.961 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Tgt Ion: 43 Resp: 85839

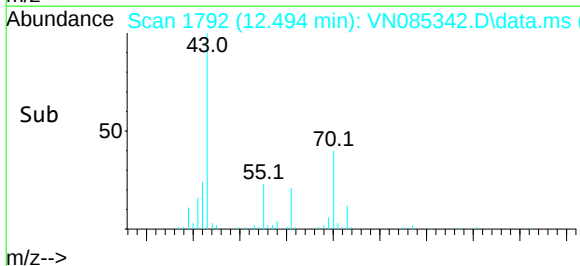
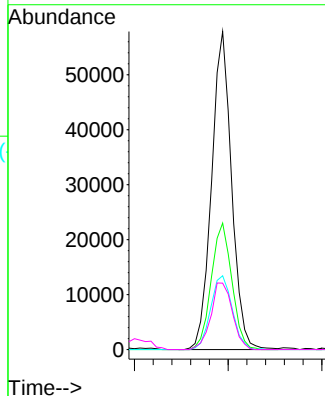
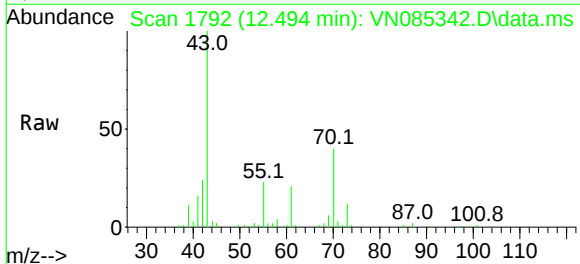
Ion Ratio Lower Upper

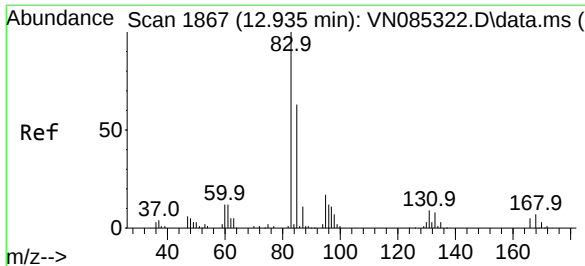
43 100

70 40.9 33.4 50.0

55 25.0 19.2 28.8

61 22.6 18.6 28.0





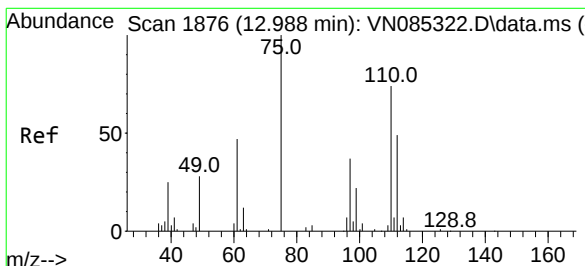
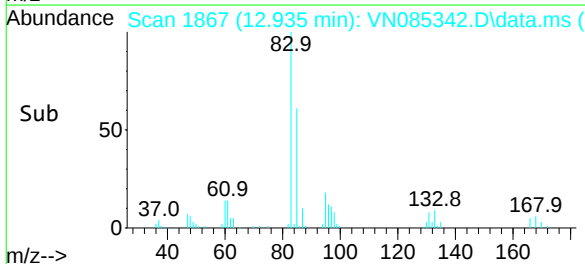
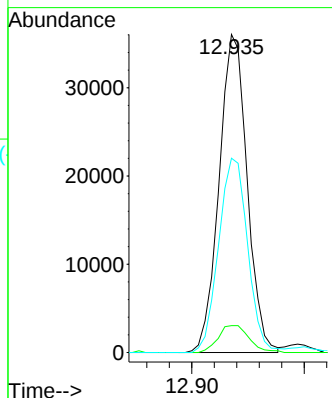
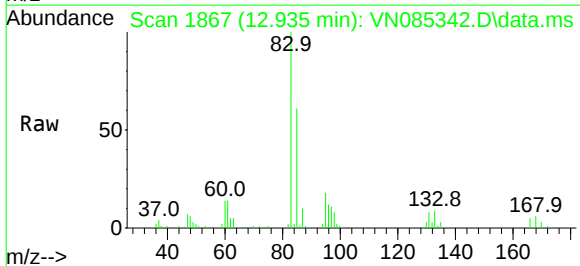
#75
1,1,2,2-Tetrachloroethane
Concen: 22.462 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion:	83	Resp:	62480
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.8	14.4
85	63.3	32.6	98.0

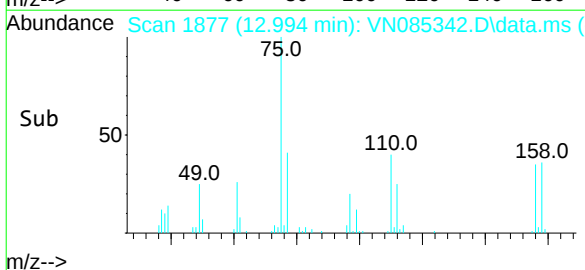
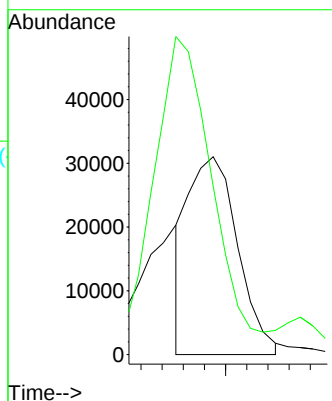
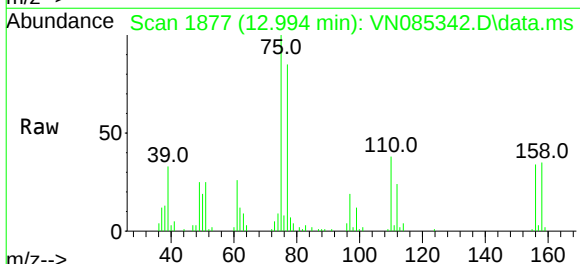
Manual Integrations
APPROVED

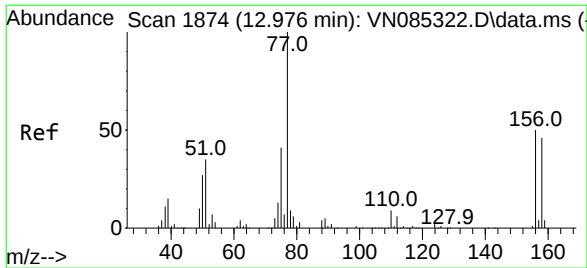
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#76
1,2,3-Trichloropropane
Concen: 22.290 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

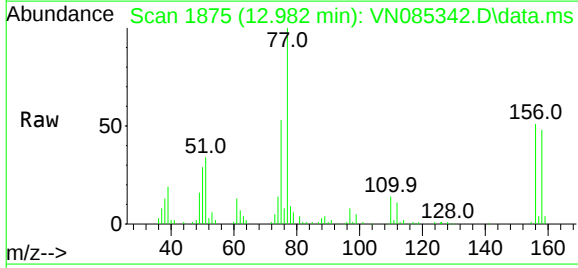
Tgt Ion:	75	Resp:	50554
Ion	Ratio	Lower	Upper
75	100		
77	192.4	98.1	294.3





#77
Bromobenzene
Concen: 19.421 ug/l
RT: 12.982 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

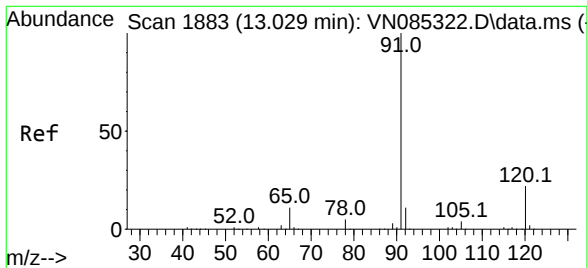
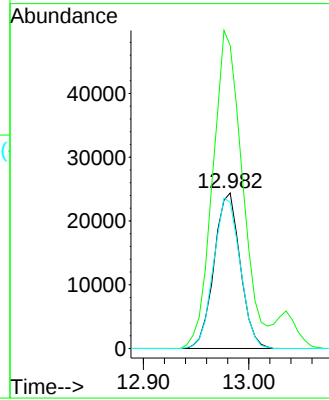
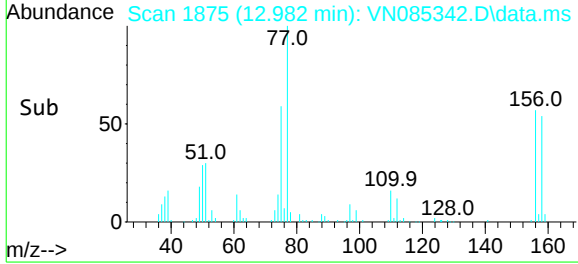
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion: 156 Resp: 42023
Ion Ratio Lower Upper
156 100
77 231.5 114.0 342.0
158 98.6 47.6 142.8

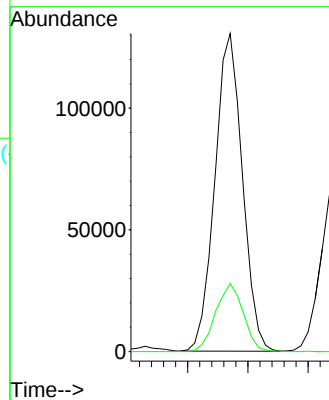
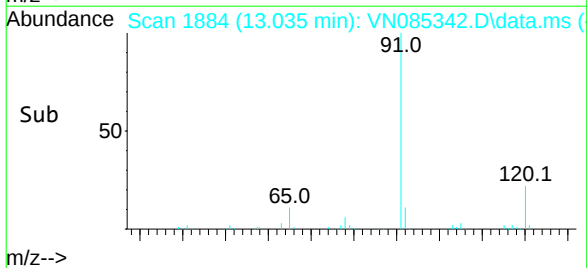
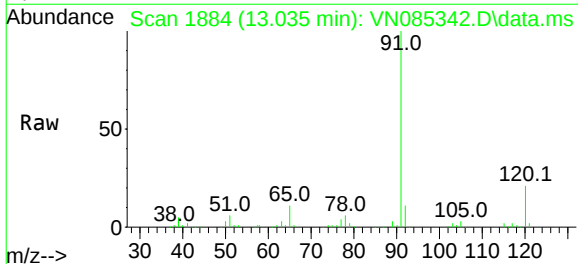
Manual Integrations
APPROVED

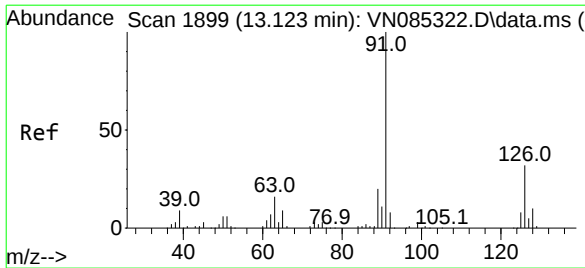
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#78
n-propylbenzene
Concen: 20.321 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion: 91 Resp: 206879
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 20.265 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

Tgt Ion: 91 Resp: 129844

Ion Ratio Lower Upper

91 100

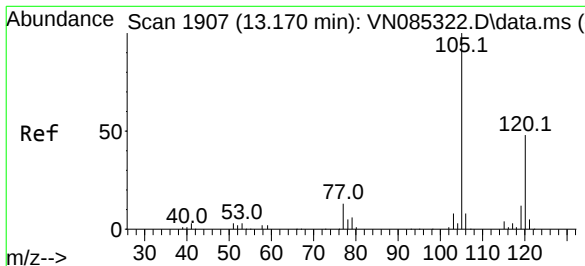
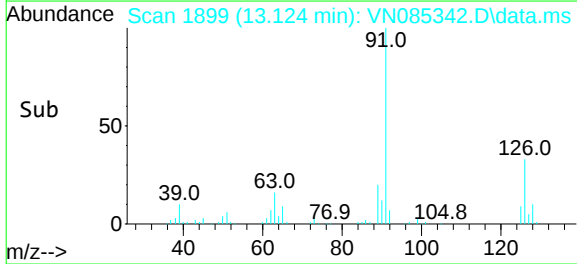
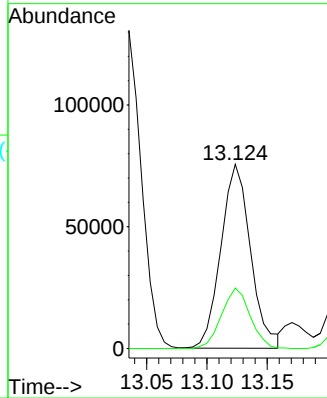
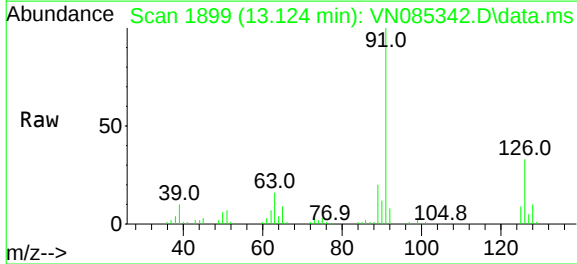
126 31.6 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.492 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085342.D

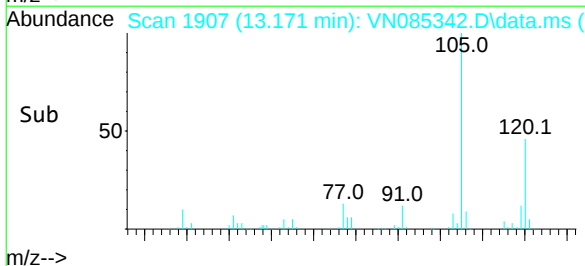
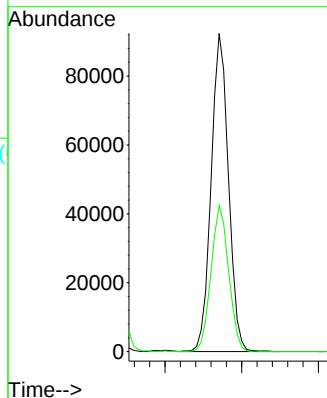
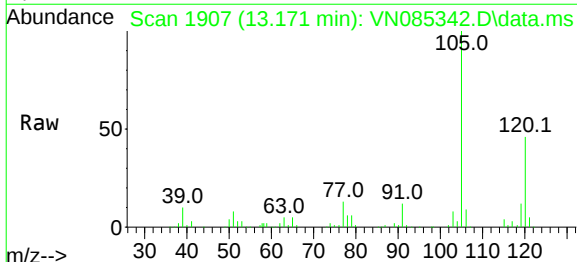
Acq: 30 Dec 2024 13:50

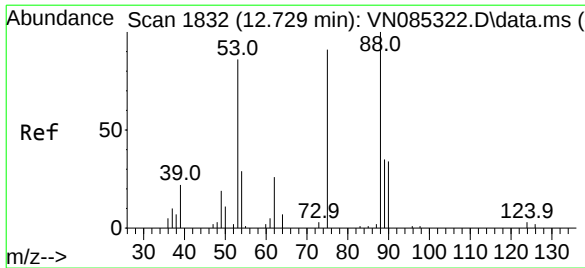
Tgt Ion:105 Resp: 144767

Ion Ratio Lower Upper

105 100

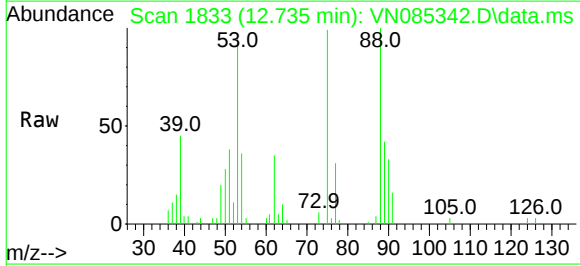
120 46.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 22.104 ug/l m
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

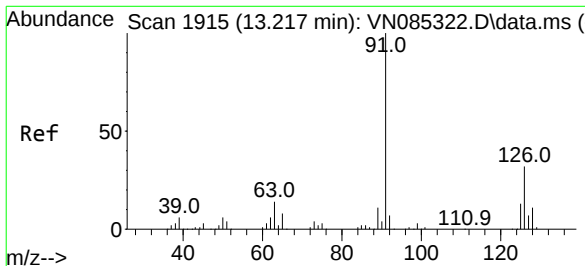
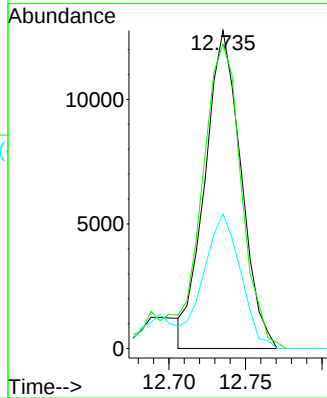
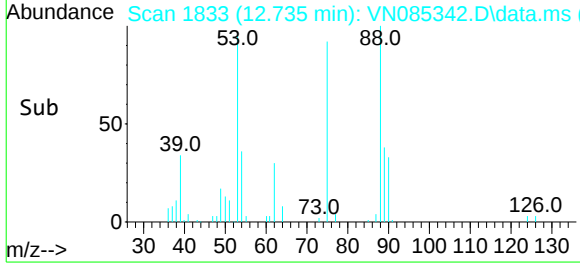
Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01



Tgt Ion: 75 Resp: 20933
Ion Ratio Lower Upper
75 100
53 113.5 80.0 120.0
89 43.7 35.8 53.8

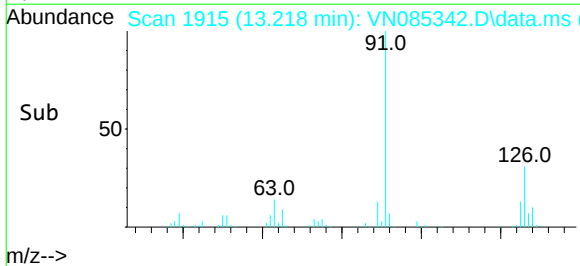
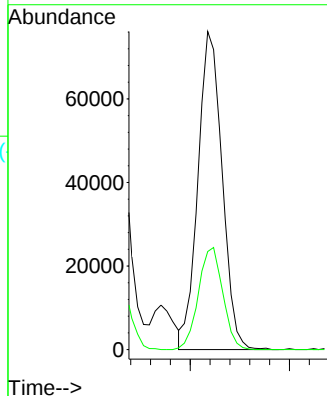
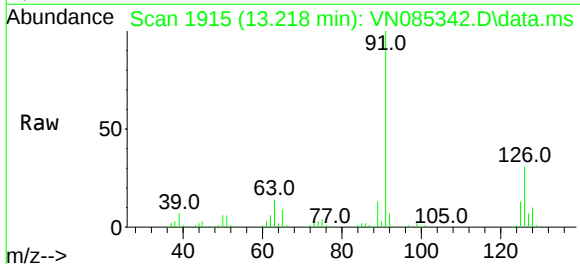
Manual Integrations
APPROVED

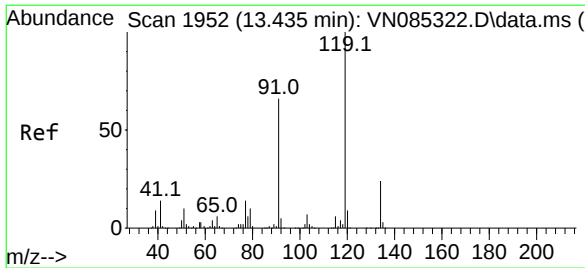
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#82
4-Chlorotoluene
Concen: 19.956 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion: 91 Resp: 128775
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4





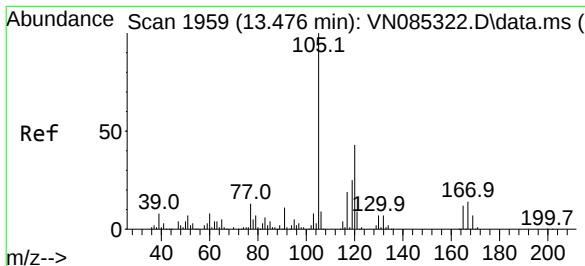
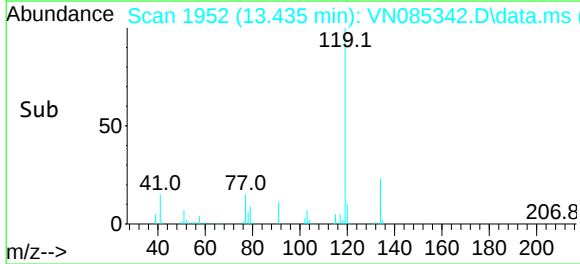
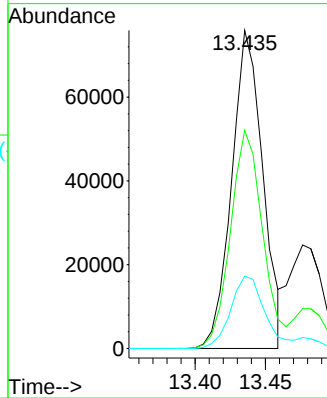
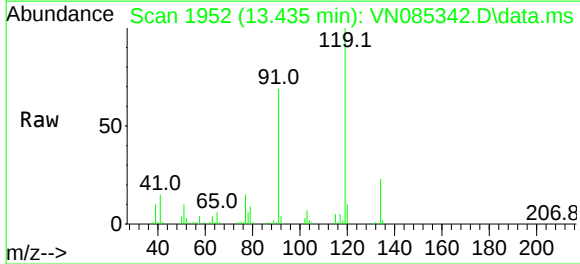
#83
tert-Butylbenzene
Concen: 19.093 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion:119 Resp: 116840
Ion Ratio Lower Upper
119 100
91 71.2 33.6 100.8
134 25.1 13.3 39.8

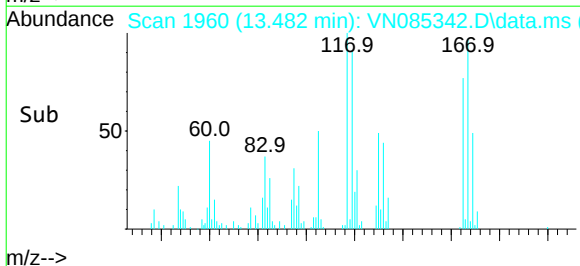
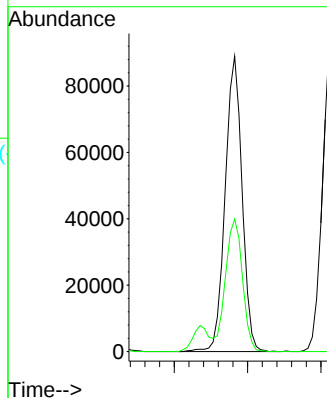
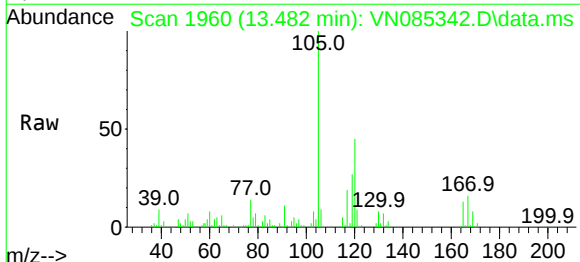
Manual Integrations
APPROVED

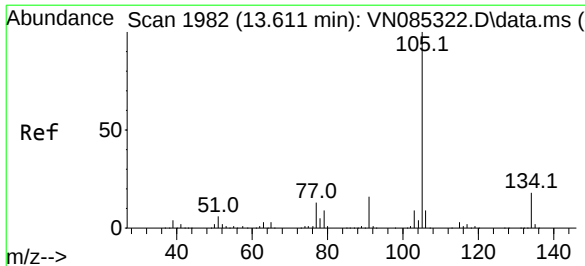
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.234 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:105 Resp: 142335
Ion Ratio Lower Upper
105 100
120 45.3 21.7 65.1





#85

sec-Butylbenzene

Concen: 19.812 ug/l

RT: 13.618 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

Tgt Ion:105 Resp: 168287

Ion Ratio Lower Upper

105 100

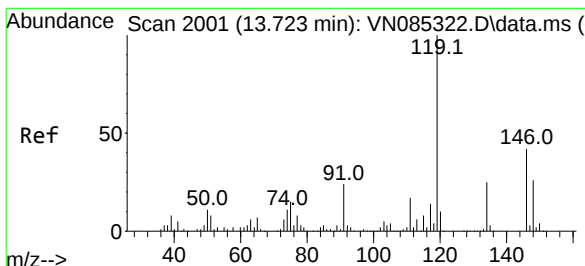
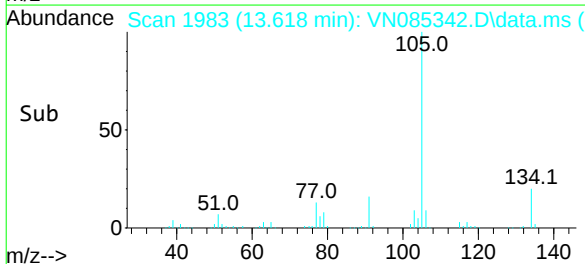
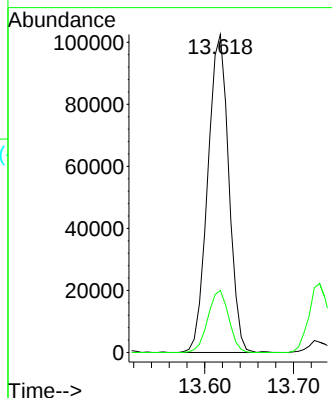
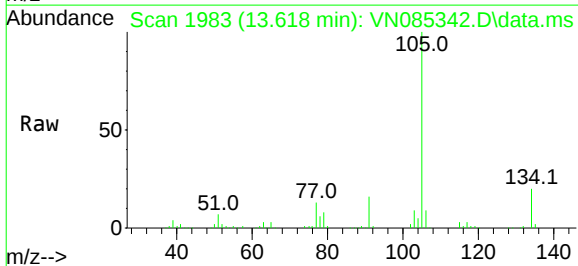
134 19.3 9.4 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#86

p-Isopropyltoluene

Concen: 18.609 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

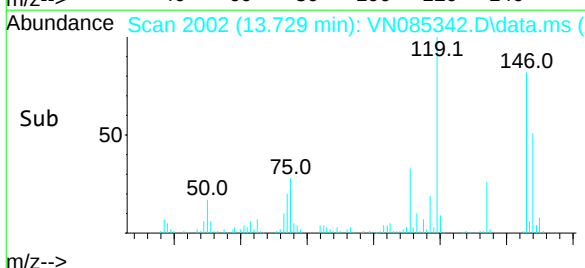
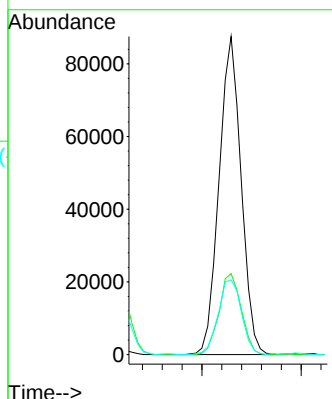
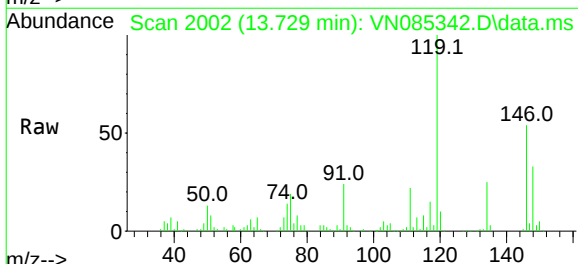
Tgt Ion:119 Resp: 135284

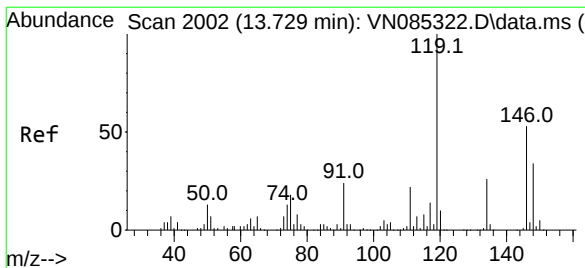
Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.041 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

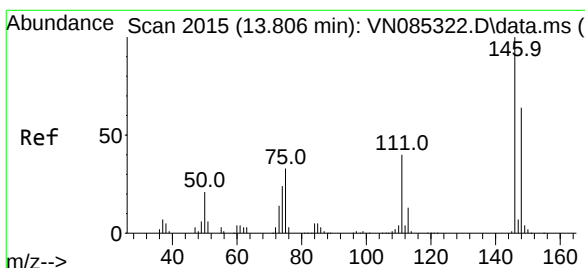
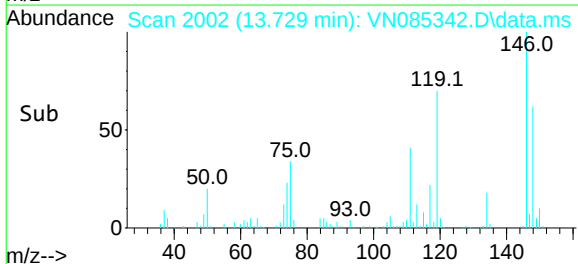
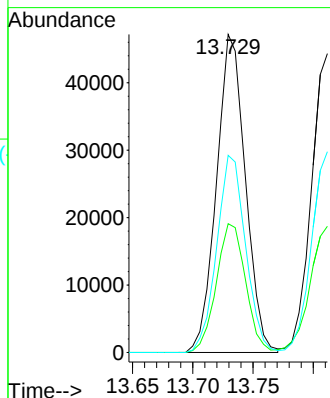
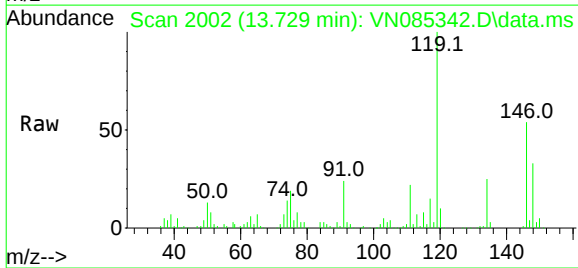
Tgt Ion:	146	Resp:	78612
Ion Ratio	Lower	Upper	
146	100		
111	40.9	21.3	63.9
148	62.0	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#88

1,4-Dichlorobenzene

Concen: 18.629 ug/l

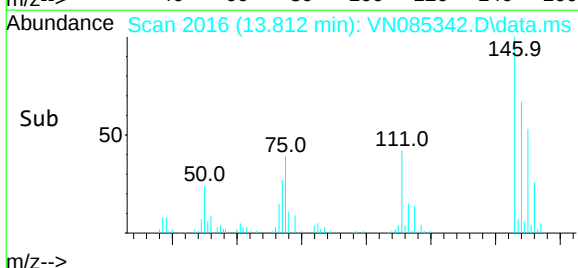
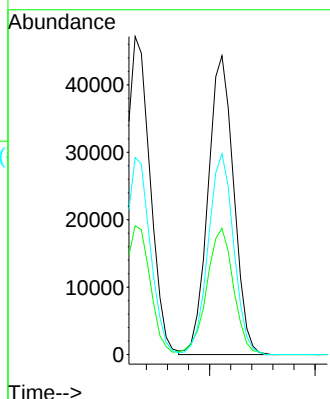
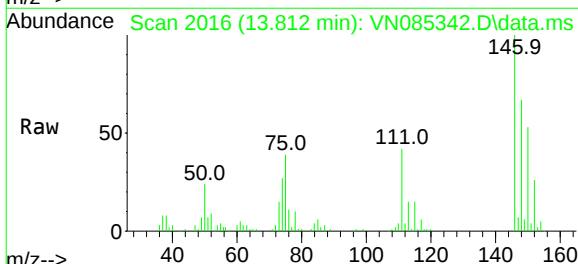
RT: 13.812 min Scan# 2016

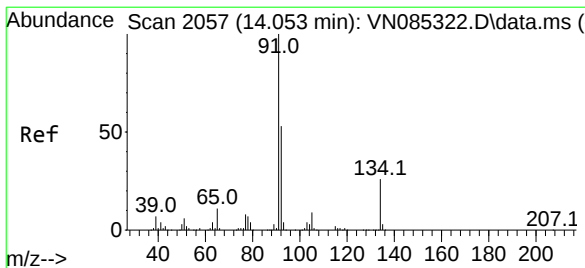
Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Tgt Ion:	146	Resp:	75063
Ion Ratio	Lower	Upper	
146	100		
111	44.1	20.8	62.5
148	66.6	31.7	95.1





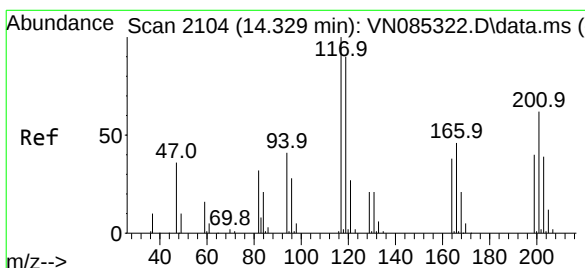
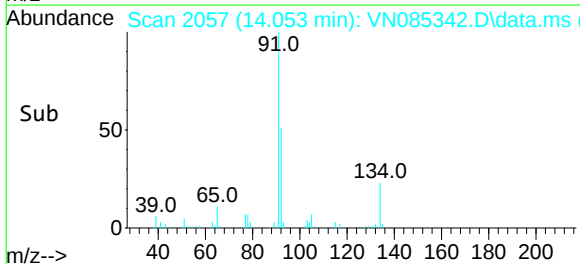
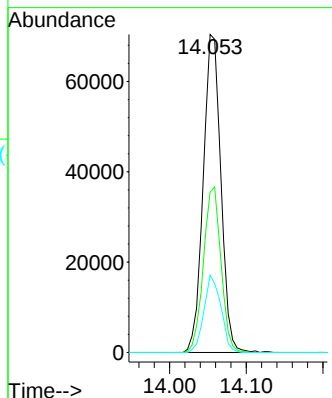
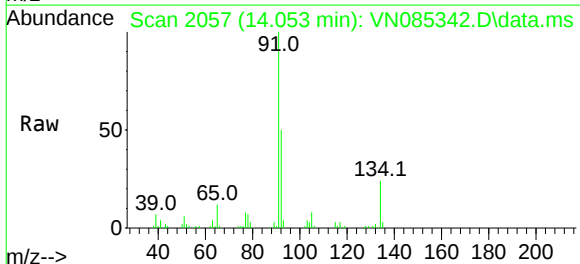
#89
n-Butylbenzene
Concen: 18.119 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion: 91 Resp: 112702
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 23.3 12.1 36.3

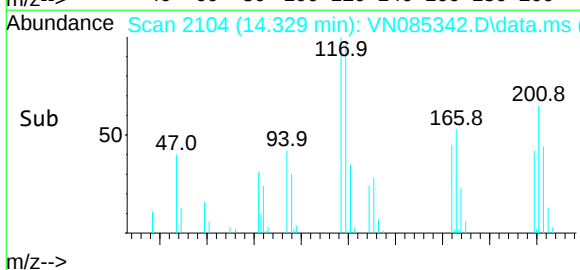
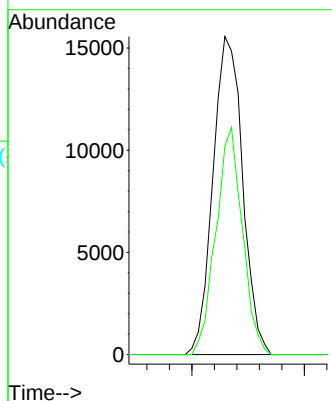
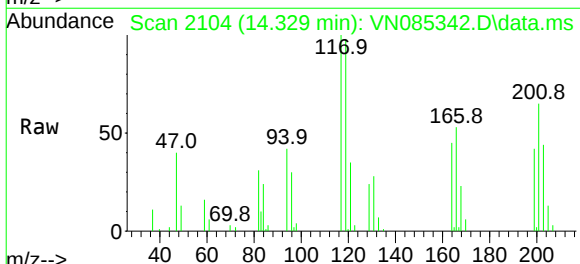
Manual Integrations
APPROVED

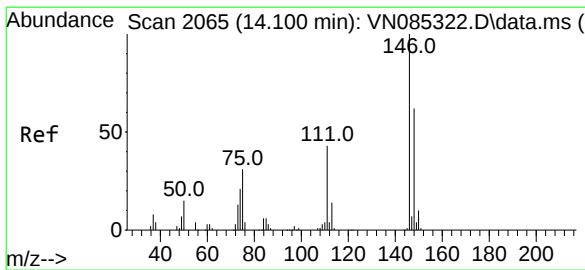
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#90
Hexachloroethane
Concen: 20.429 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion:117 Resp: 28444
Ion Ratio Lower Upper
117 100
201 64.0 30.7 92.1





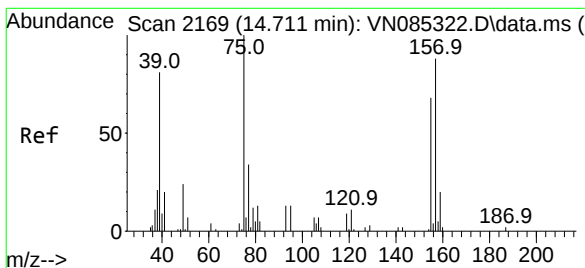
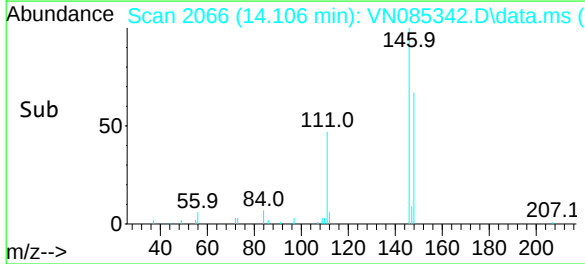
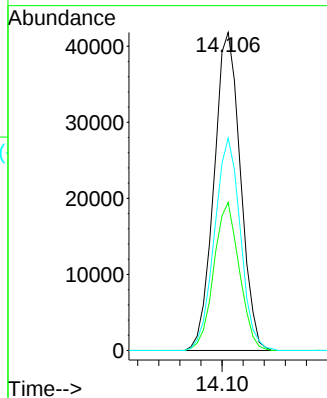
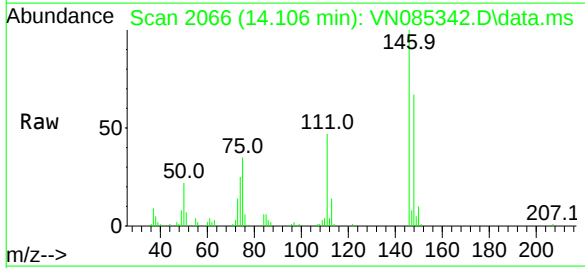
#91
1,2-Dichlorobenzene
Concen: 19.467 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.8	65.3
148	65.6	31.4	94.2

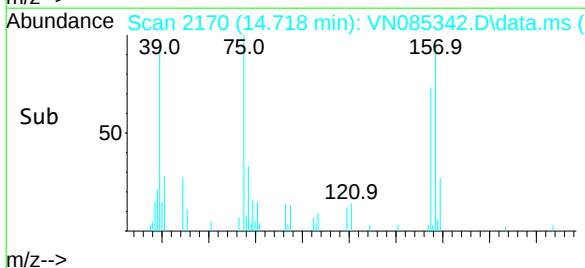
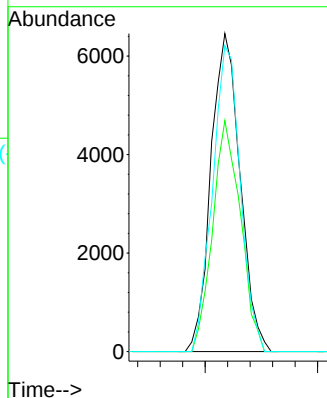
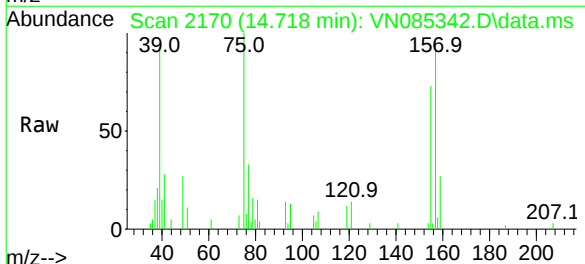
Manual Integrations
APPROVED

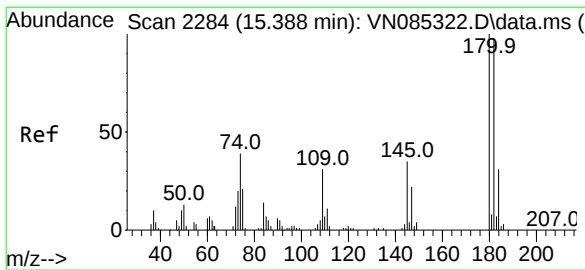
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.464 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085342.D
Acq: 30 Dec 2024 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.4	35.6	106.9
157	91.7	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 17.807 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

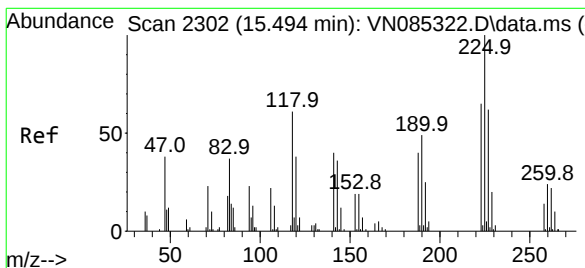
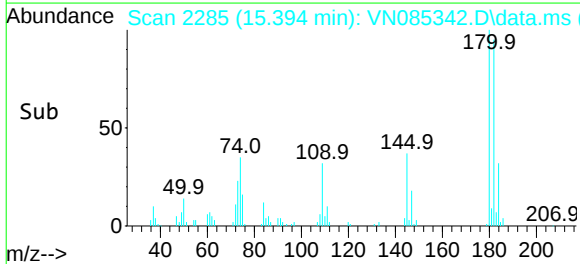
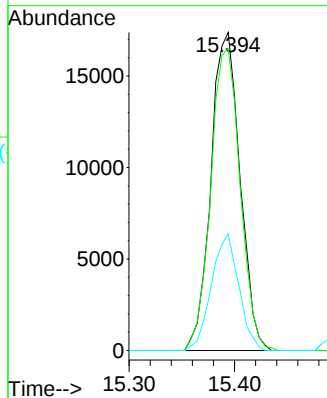
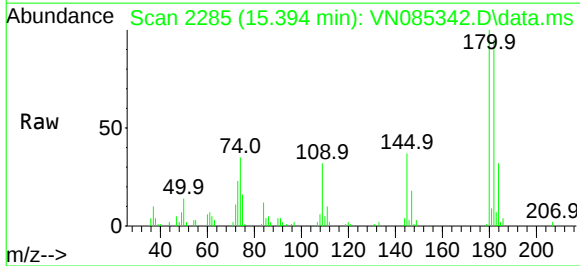
Tgt Ion:	180	Resp:	33209
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.2	141.6
145	34.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#94

Hexachlorobutadiene

Concen: 17.369 ug/l

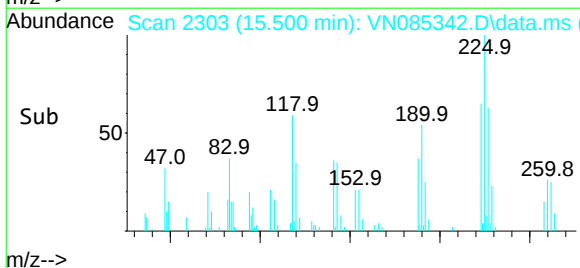
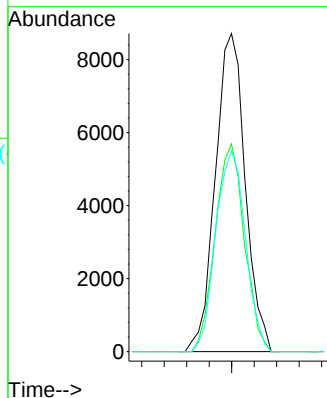
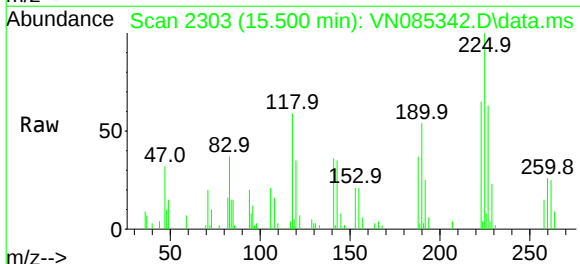
RT: 15.500 min Scan# 2303

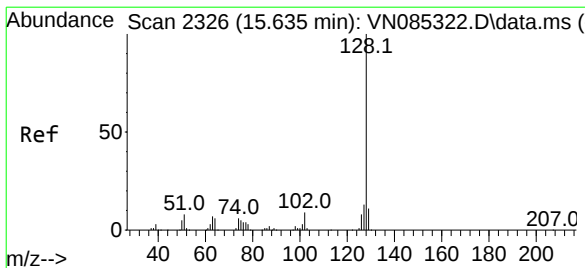
Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Tgt Ion:	225	Resp:	16094
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.6	94.7
227	62.6	30.3	91.0





#95

Naphthalene

Concen: 17.391 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1230WBS01

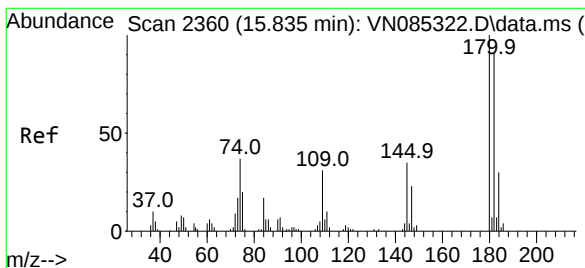
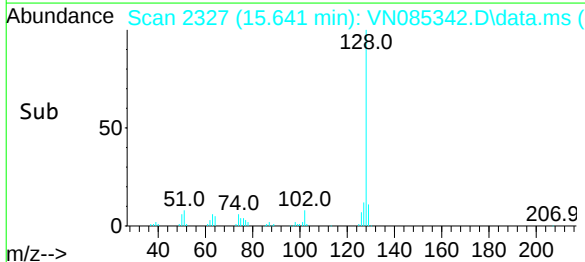
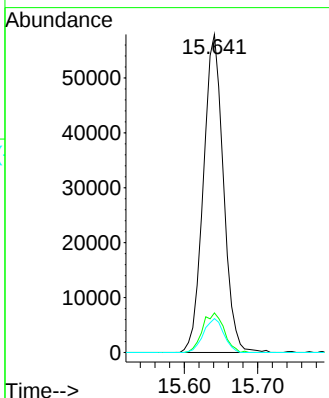
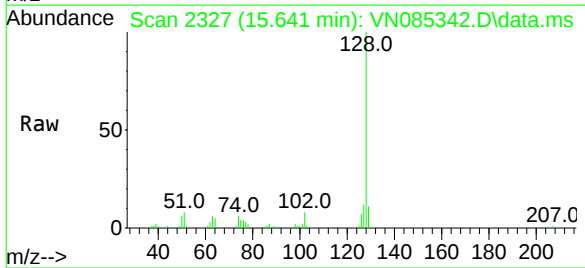
Tgt Ion:	128	Resp:	109980
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.674 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085342.D

Acq: 30 Dec 2024 13:50

Tgt Ion:	180	Resp:	32933
Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.8	140.4
145	33.1	17.2	51.6

