

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085145.D
 Acq On : 09 Dec 2024 12:09
 Operator : JC\MD
 Sample : VN1209WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 06:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	227734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103903	51.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.080%
35) Dibromofluoromethane	8.165	113	82760	53.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.780%
50) Toluene-d8	10.565	98	280439	50.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.847	95	108911	52.915	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.820%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	25340	15.681	ug/l	100
3) Chloromethane	2.359	50	28131	15.009	ug/l	94
4) Vinyl Chloride	2.512	62	28111	16.690	ug/l	98
5) Bromomethane	2.954	94	21310	22.573	ug/l	89
6) Chloroethane	3.118	64	19554	17.224	ug/l	89
7) Trichlorofluoromethane	3.495	101	53885	18.806	ug/l	93
8) Diethyl Ether	3.959	74	18528	18.999	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	30675	18.876	ug/l	97
10) Methyl Iodide	4.589	142	34867	16.209	ug/l #	88
11) Tert butyl alcohol	5.524	59	32374	119.009	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	27589	18.188	ug/l	98
13) Acrolein	4.183	56	16533	91.082	ug/l	96
14) Allyl chloride	5.024	41	40399	15.799	ug/l	93
15) Acrylonitrile	5.712	53	83176	107.998	ug/l	99
16) Acetone	4.430	43	74370	125.441	ug/l	100
17) Carbon Disulfide	4.712	76	75855	16.942	ug/l	97
18) Methyl Acetate	5.024	43	41727	21.363	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	99012	19.978	ug/l	99
20) Methylene Chloride	5.271	84	32787	18.123	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	30746	19.261	ug/l	96
22) Diisopropyl ether	6.671	45	98604	19.159	ug/l	98
23) Vinyl Acetate	6.600	43	362666	102.144	ug/l	99
24) 1,1-Dichloroethane	6.565	63	57735	18.746	ug/l	97
25) 2-Butanone	7.483	43	112790	116.364	ug/l	99
26) 2,2-Dichloropropane	7.489	77	52876	18.386	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	37551	19.514	ug/l	96
28) Bromochloromethane	7.806	49	23969	20.617	ug/l #	14
29) Tetrahydrofuran	7.836	42	71330	118.337	ug/l	98
30) Chloroform	7.959	83	63927	19.513	ug/l	91
31) Cyclohexane	8.253	56	48755	17.980	ug/l #	92
32) 1,1,1-Trichloroethane	8.165	97	57246	19.337	ug/l	99
36) 1,1-Dichloropropene	8.371	75	40646	19.540	ug/l	99
37) Ethyl Acetate	7.559	43	42607	22.530	ug/l	98
38) Carbon Tetrachloride	8.359	117	50365	20.975	ug/l	98
39) Methylcyclohexane	9.600	83	39992	18.501	ug/l	91
40) Benzene	8.606	78	131898	20.048	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24485	23.385	ug/l	97
42) 1,2-Dichloroethane	8.671	62	46478	20.649	ug/l	98
43) Isopropyl Acetate	8.688	43	72452	18.444	ug/l	97
44) Trichloroethene	9.347	130	32181	21.047	ug/l	91
45) 1,2-Dichloropropane	9.618	63	33025	20.380	ug/l	94
46) Dibromomethane	9.706	93	24259	21.544	ug/l	96
47) Bromodichloromethane	9.888	83	51571	21.610	ug/l	98
48) Methyl methacrylate	9.683	41	32820	22.453	ug/l	97
49) 1,4-Dioxane	9.694	88	14074	555.200	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	229577	127.955	ug/l	99
52) Toluene	10.630	92	81847	21.014	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	50056	20.921	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	52486	20.678	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	33335	22.978	ug/l	98
56) Ethyl methacrylate	10.871	69	48238	22.755	ug/l	98
57) 1,3-Dichloropropane	11.165	76	55071	21.568	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	111311	107.042	ug/l	100
59) 2-Hexanone	11.194	43	172584	128.613	ug/l	97
60) Dibromochloromethane	11.359	129	40774	22.997	ug/l	98
61) 1,2-Dibromoethane	11.471	107	33251	22.146	ug/l	100
64) Tetrachloroethene	11.100	164	28313	20.683	ug/l	93
65) Chlorobenzene	11.894	112	90827	19.714	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	33935	20.920	ug/l	98
67) Ethyl Benzene	11.965	91	147522	19.736	ug/l	100
68) m/p-Xylenes	12.071	106	116268	40.857	ug/l	99
69) o-Xylene	12.394	106	53545	19.780	ug/l	96
70) Styrene	12.412	104	97192	21.590	ug/l	97
71) Bromoform	12.576	173	28670	23.810	ug/l #	100
73) Isopropylbenzene	12.694	105	140110	19.586	ug/l	100
74) N-amyl acetate	12.494	43	61760	20.951	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48806	19.980	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	34594m	18.756	ug/l	
77) Bromobenzene	12.976	156	37253	19.352	ug/l	98
78) n-propylbenzene	13.035	91	169221	20.509	ug/l	100
79) 2-Chlorotoluene	13.123	91	107288	19.479	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	124423	20.728	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16816m	20.127	ug/l	
82) 4-Chlorotoluene	13.218	91	108808	18.977	ug/l	99
83) tert-Butylbenzene	13.435	119	102778	19.900	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	123353	19.964	ug/l	98
85) sec-Butylbenzene	13.618	105	139963	20.061	ug/l	98
86) p-Isopropyltoluene	13.729	119	115995	20.140	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	68149	17.948	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	68126	17.582	ug/l	98
89) n-Butylbenzene	14.053	91	95516	17.833	ug/l	96
90) Hexachloroethane	14.335	117	23660	18.846	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	64932	17.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9668	20.468	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	31255	15.812	ug/l	98
94) Hexachlorobutadiene	15.506	225	16202	17.760	ug/l	97
95) Naphthalene	15.641	128	98185	17.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31563	16.735	ug/l	99

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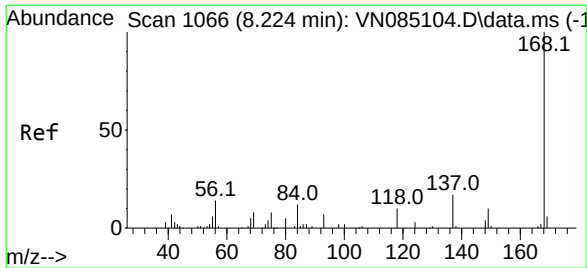
Manual Integrations
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Supervised By :Mahesh Dadoda 12/10/2024

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Response via : Initial Calibration

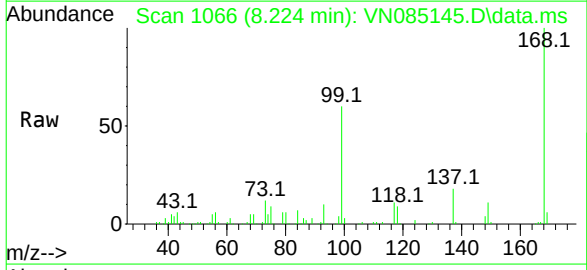
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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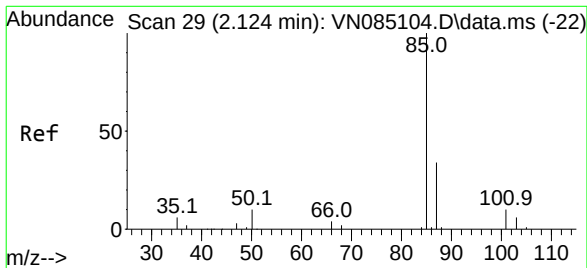
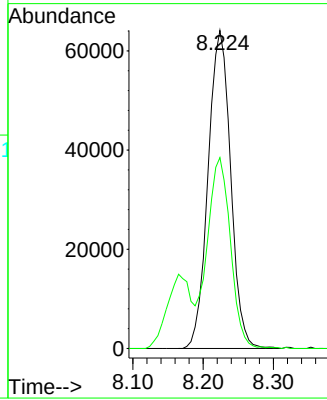
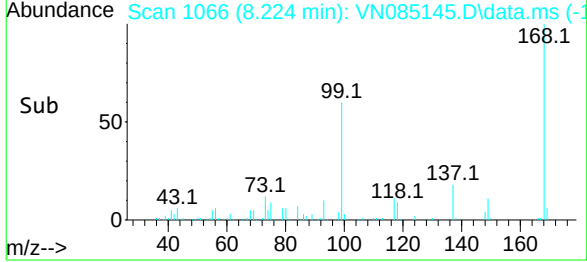
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 168 Resp: 142912
Ion Ratio Lower Upper
168 100
99 59.7 51.2 76.8

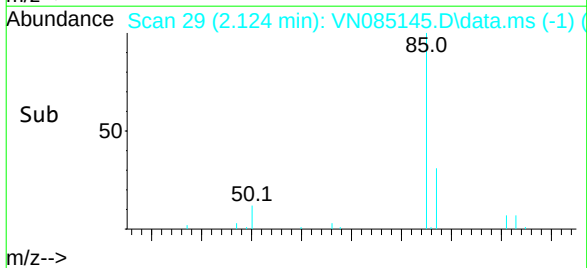
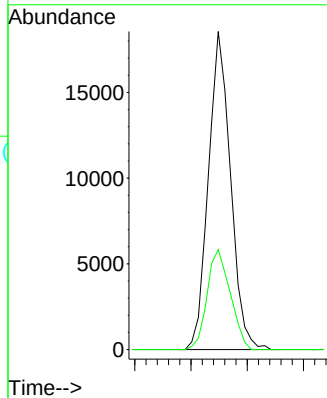
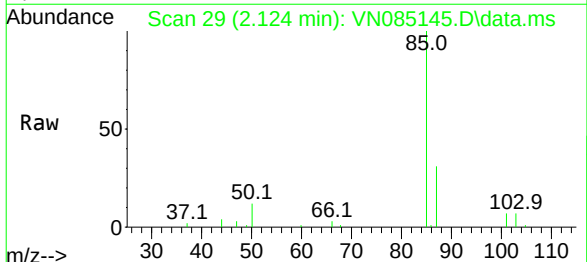
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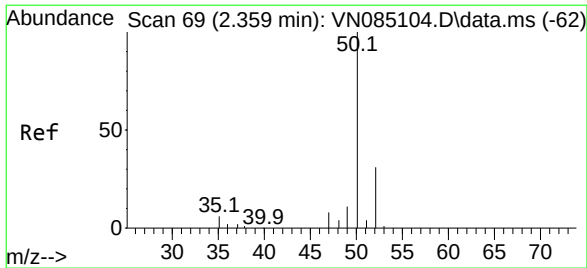
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#2
Dichlorodifluoromethane
Concen: 15.681 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

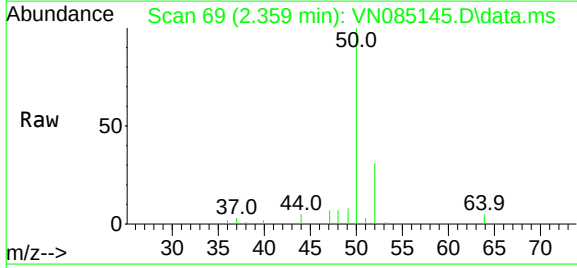
Tgt Ion: 85 Resp: 25340
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.1





#3
Chloromethane
Concen: 15.009 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

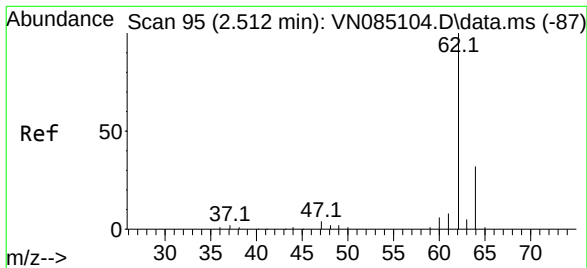
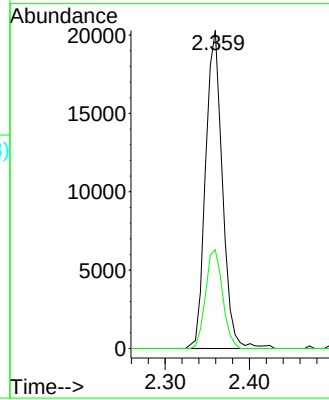
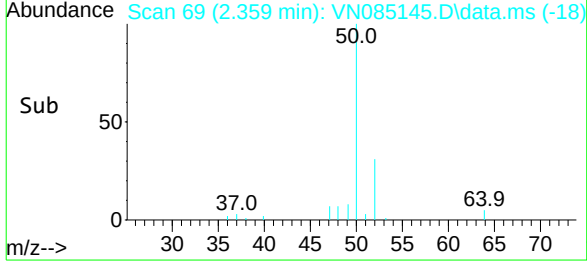
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Tgt Ion: 50 Resp: 28131
Ion Ratio Lower Upper
50 100
52 31.1 27.8 41.8

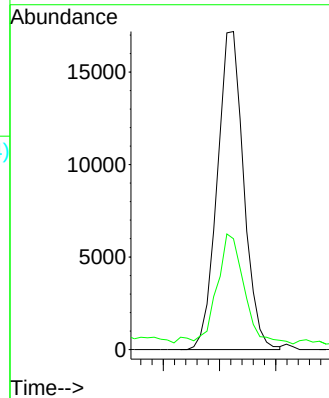
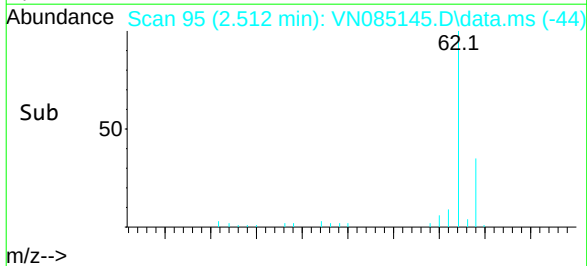
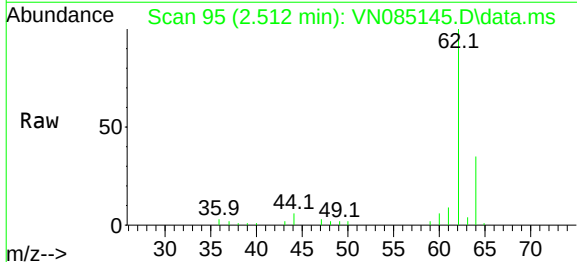
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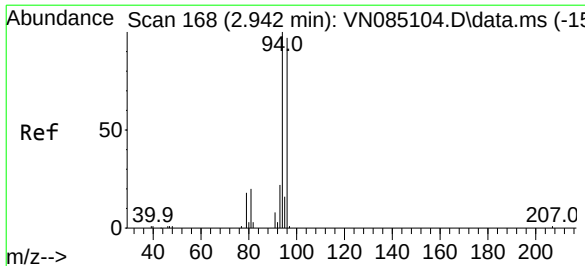
Reviewed By :John Carlone 12/10/2024
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#4
Vinyl Chloride
Concen: 16.690 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

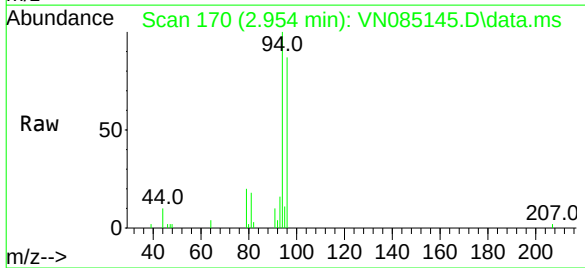
Tgt Ion: 62 Resp: 28111
Ion Ratio Lower Upper
62 100
64 31.9 24.6 36.8





#5
Bromomethane
Concen: 22.573 ug/l
RT: 2.954 min Scan# 171
Delta R.T. 0.053 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

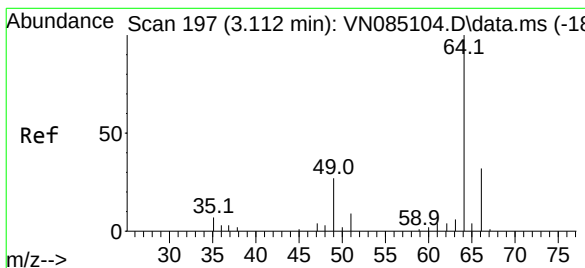
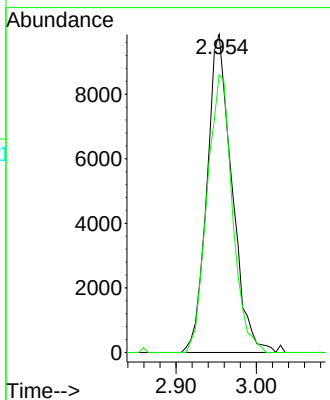
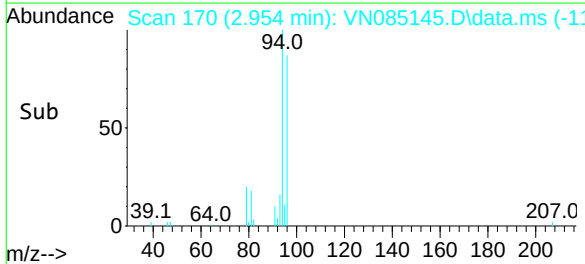
Instrument :
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Tgt Ion: 94 Resp: 21310
Ion Ratio Lower Upper
94 100
96 87.3 78.7 118.1

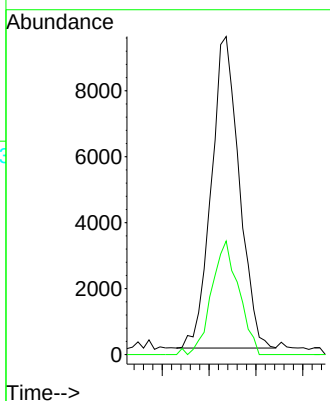
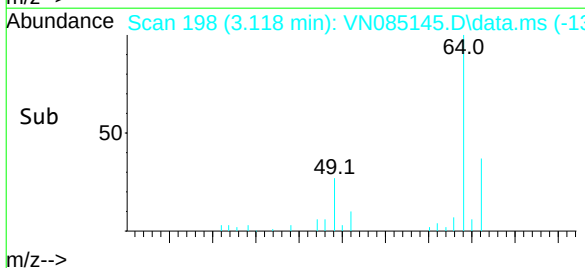
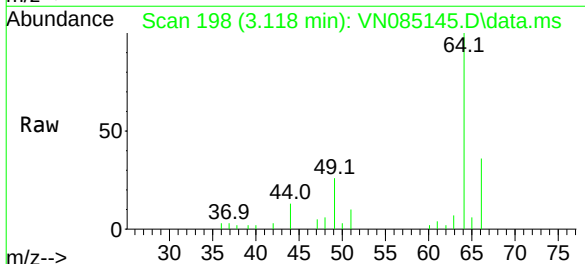
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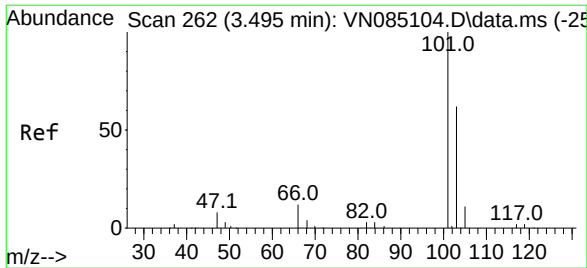
Reviewed By :John Carlone 12/10/2024
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#6
Chloroethane
Concen: 17.224 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion: 64 Resp: 19554
Ion Ratio Lower Upper
64 100
66 36.5 24.4 36.6





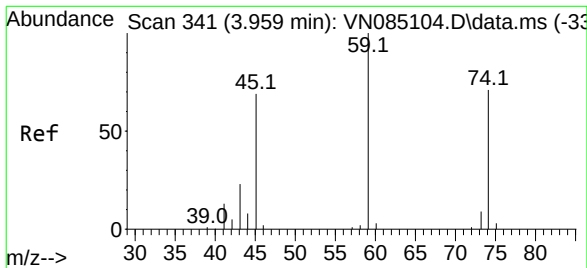
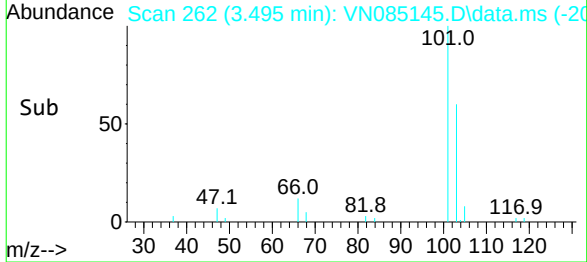
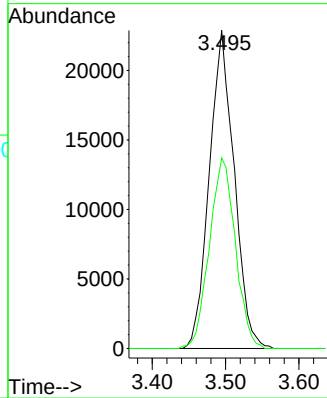
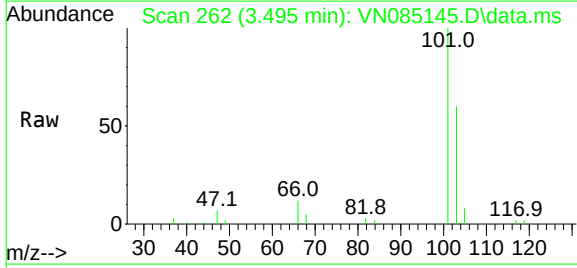
#7
 Trichlorofluoromethane
 Concen: 18.806 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.035 min
 Lab File: VN085145.D
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Tgt Ion:101 Resp: 53885
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.6 78.8

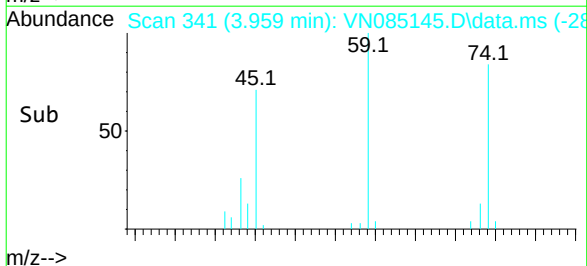
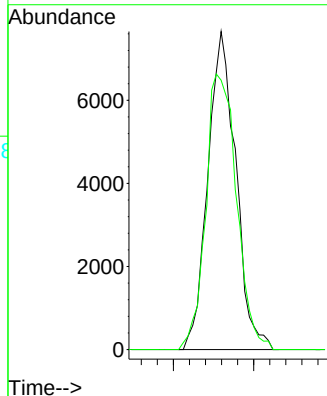
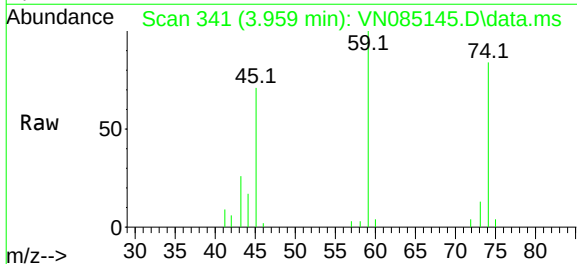
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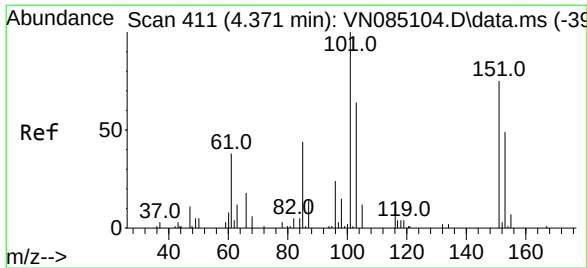
Reviewed By :John Carlone 12/10/2024
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#8
 Diethyl Ether
 Concen: 18.999 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VN085145.D
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Tgt Ion: 74 Resp: 18528
 Ion Ratio Lower Upper
 74 100
 45 95.3 46.7 140.1





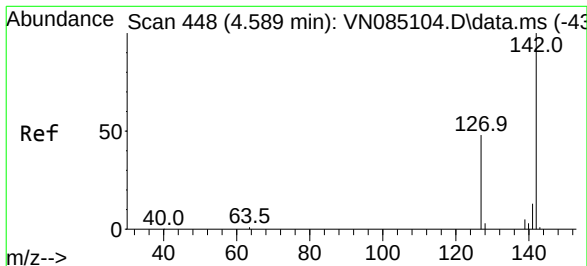
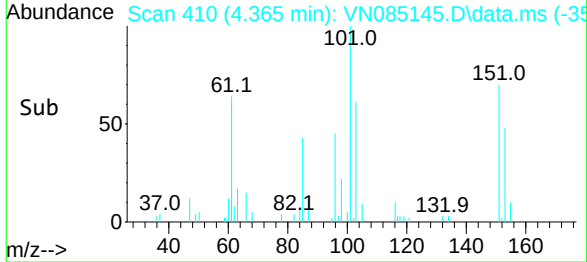
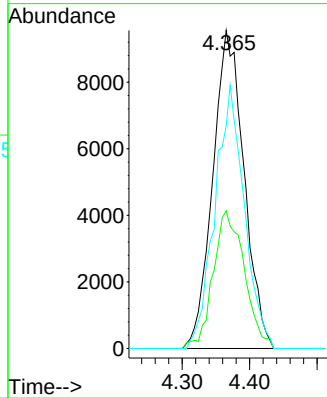
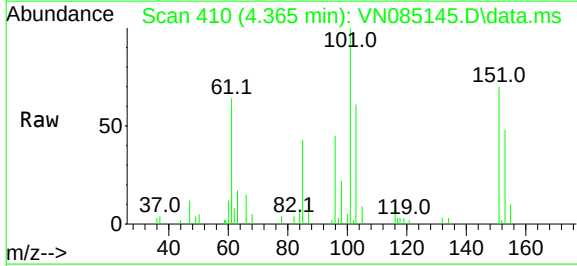
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.876 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085145.D
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ClientSampleId :
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Tgt Ion:	101	Resp:	30675
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.9	55.3
151	78.1	60.8	91.2

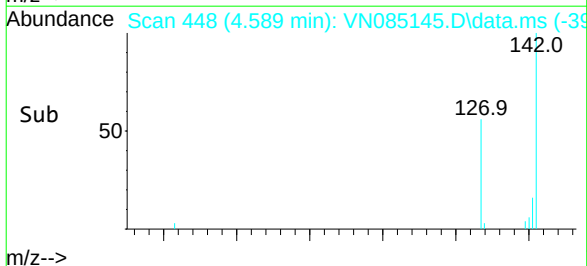
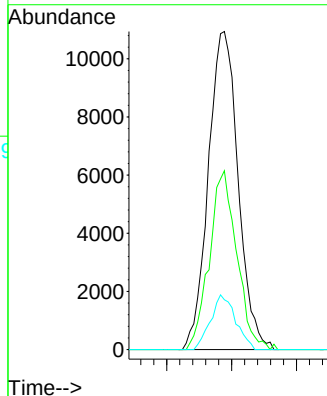
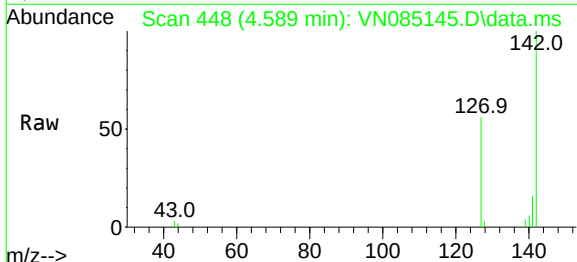
Manual Integrations
APPROVED

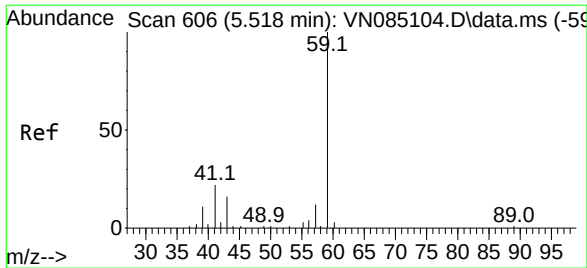
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#10
Methyl Iodide
Concen: 16.209 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.018 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion:	142	Resp:	34867
Ion Ratio	Lower	Upper	
142	100		
127	56.2	36.6	54.8#
141	15.7	12.2	18.4





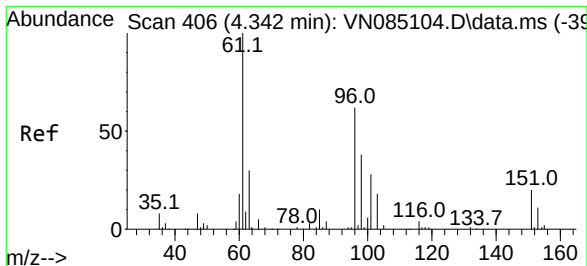
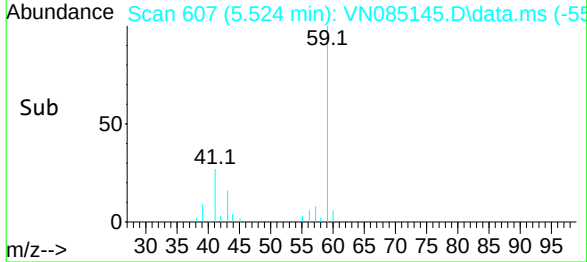
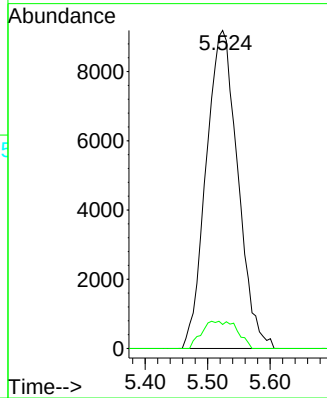
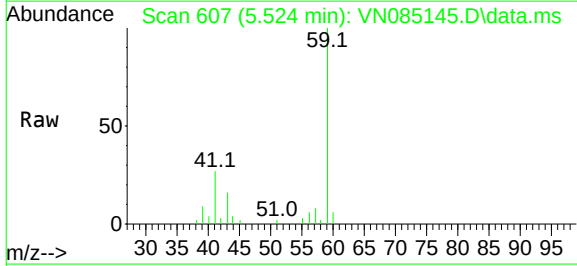
#11
Tert butyl alcohol
Concen: 119.009 ug/l
RT: 5.524 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument : MSVOA_N
ClientSampleId : VN1209WBSD01

Tgt Ion: 59 Resp: 32374
Ion Ratio Lower Upper
59 100
57 5.7 7.4 11.0#

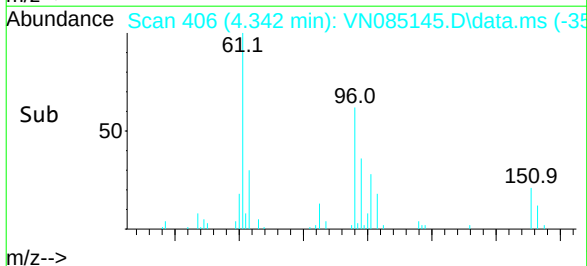
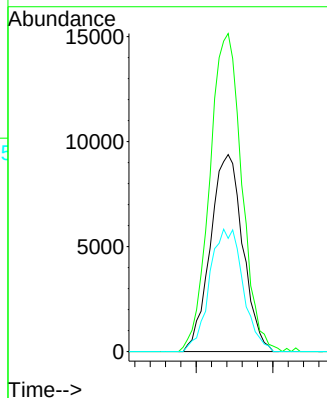
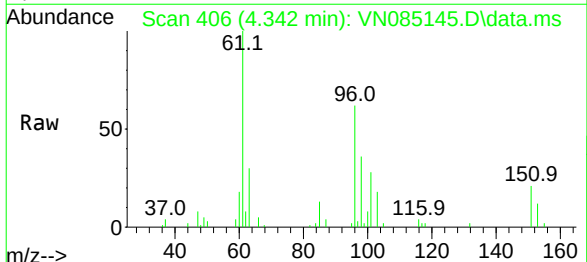
Manual Integrations
APPROVED

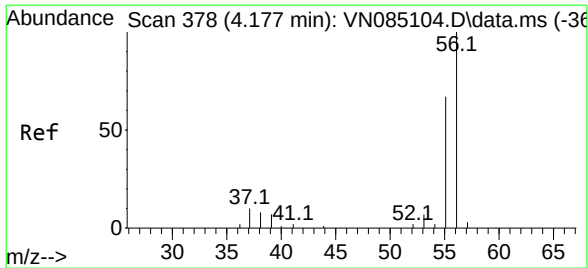
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#12
1,1-Dichloroethene
Concen: 18.188 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.024 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

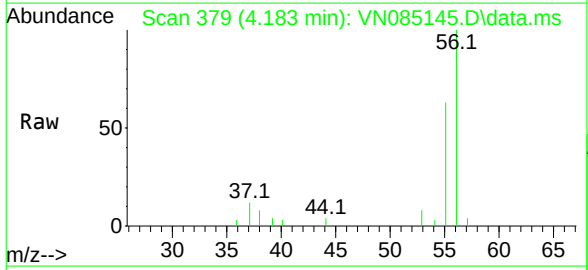
Tgt Ion: 96 Resp: 27589
Ion Ratio Lower Upper
96 100
61 161.5 127.8 191.8
98 57.5 49.2 73.8





#13
Acrolein
Concen: 91.082 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.018 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

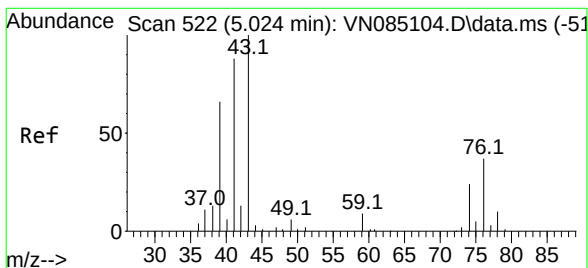
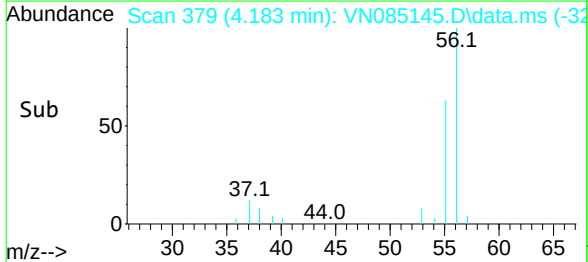
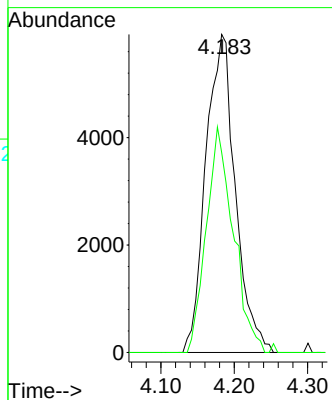
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 56 Resp: 16533
Ion Ratio Lower Upper
56 100
55 65.0 54.5 81.7

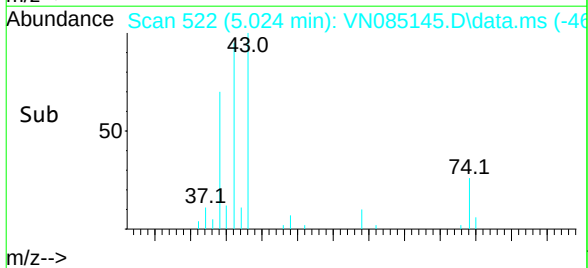
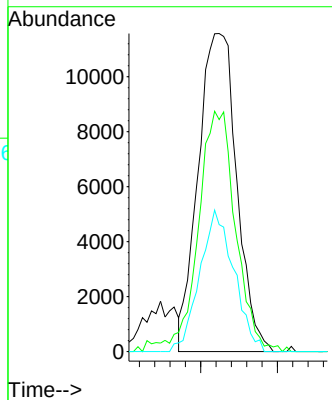
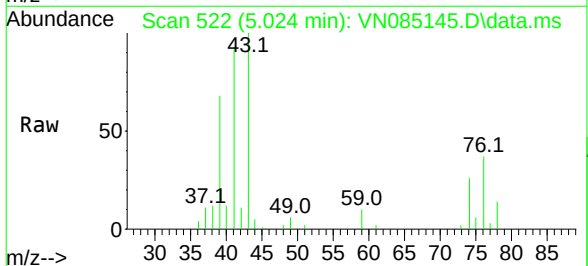
Manual Integrations
APPROVED

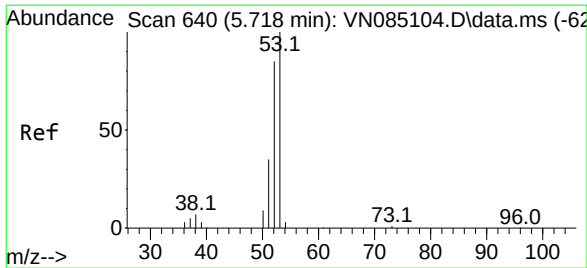
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#14
Allyl chloride
Concen: 15.799 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.018 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

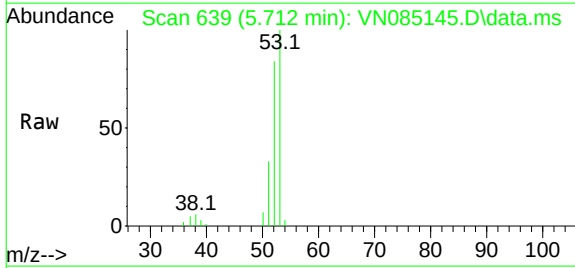
Tgt Ion: 41 Resp: 40399
Ion Ratio Lower Upper
41 100
39 73.9 53.8 80.8
76 39.4 29.3 43.9





#15
Acrylonitrile
Concen: 107.998 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

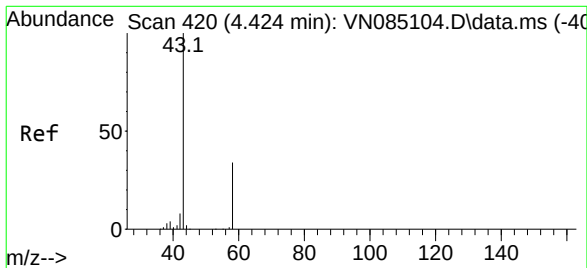
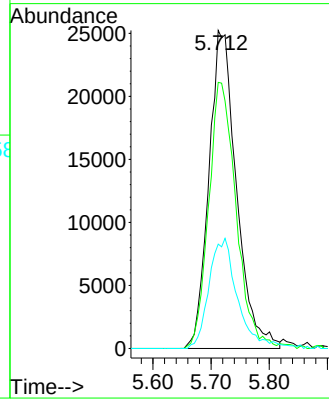
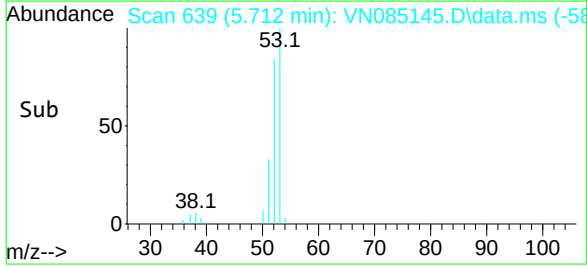
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.5	98.3
51	36.1	28.4	42.6

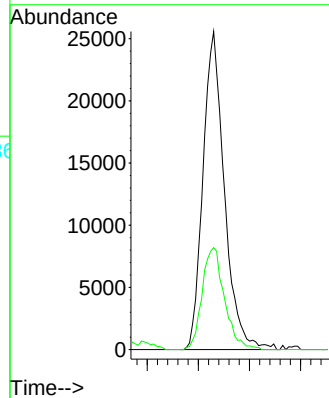
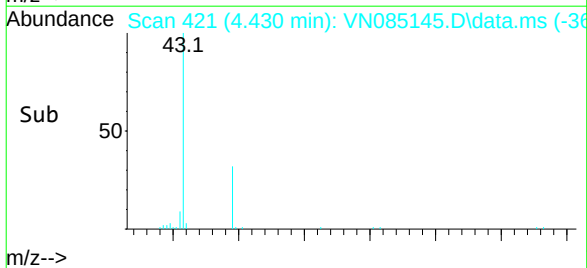
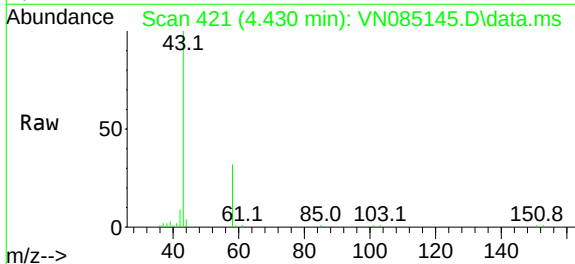
Manual Integrations
APPROVED

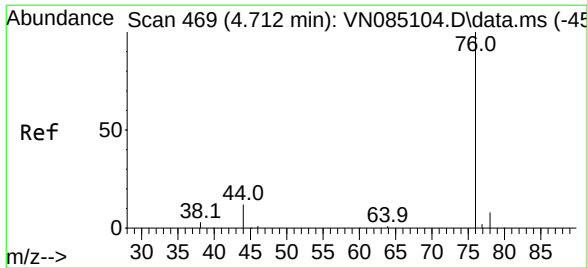
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#16
Acetone
Concen: 125.441 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

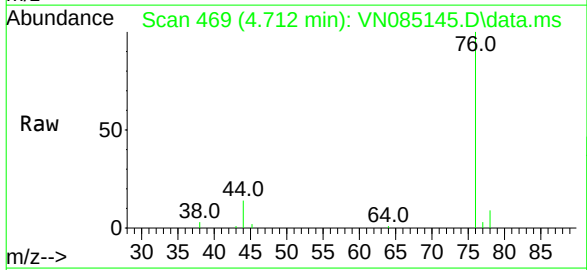
Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.4	38.2





#17
Carbon Disulfide
Concen: 16.942 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.018 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

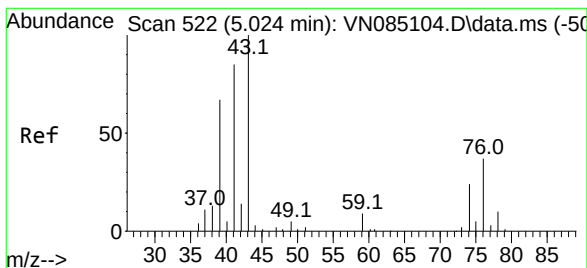
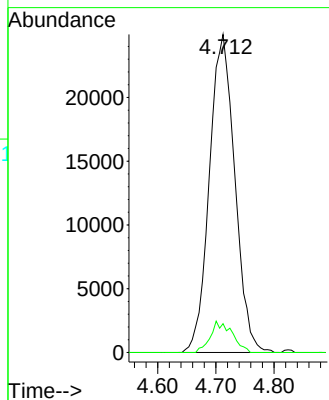
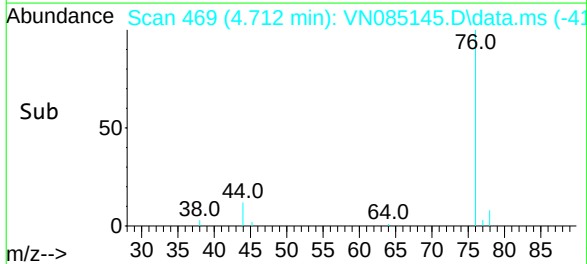
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 76 Resp: 75855
Ion Ratio Lower Upper
76 100
78 9.1 6.5 9.7

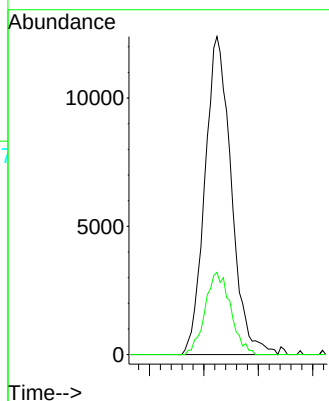
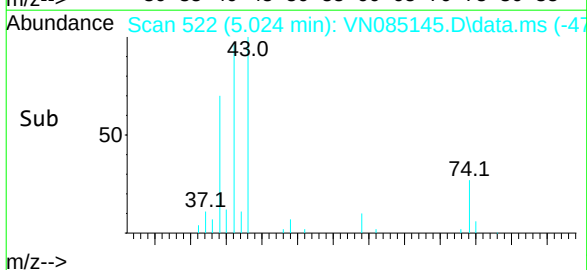
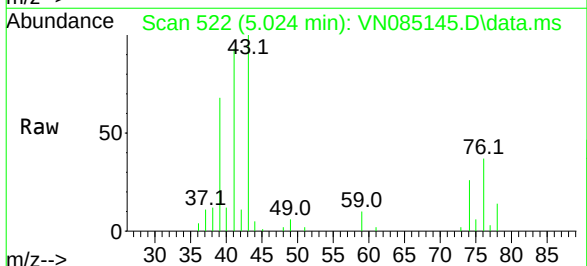
Manual Integrations
APPROVED

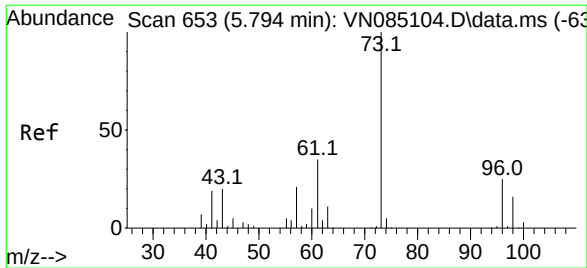
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#18
Methyl Acetate
Concen: 21.363 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion: 43 Resp: 41727
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 19.978 ug/l

RT: 5.800 min Scan# 65

Delta R.T. 0.012 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 73 Resp: 99012

Ion Ratio Lower Upper

73 100

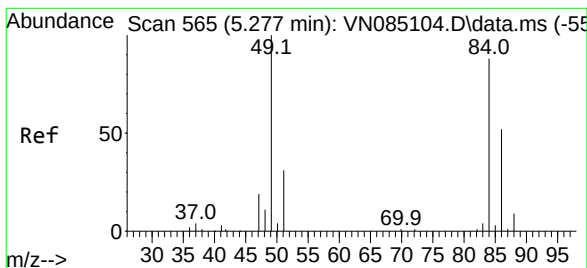
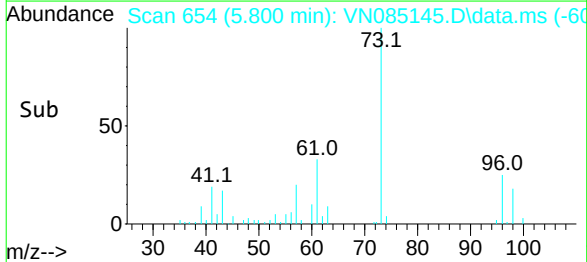
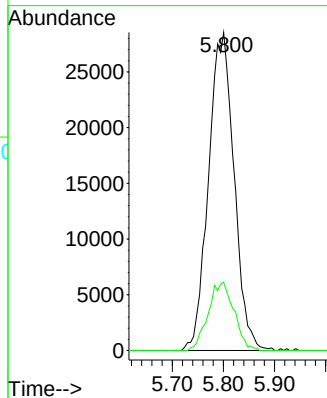
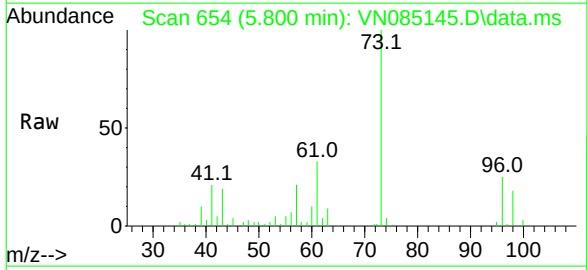
57 21.5 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#20

Methylene Chloride

Concen: 18.123 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Tgt Ion: 84 Resp: 32787

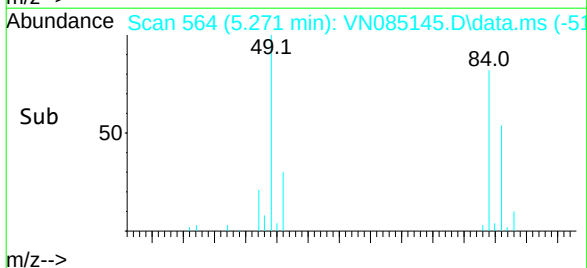
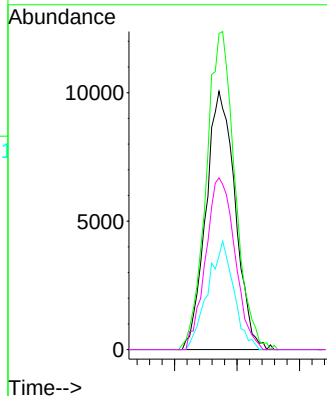
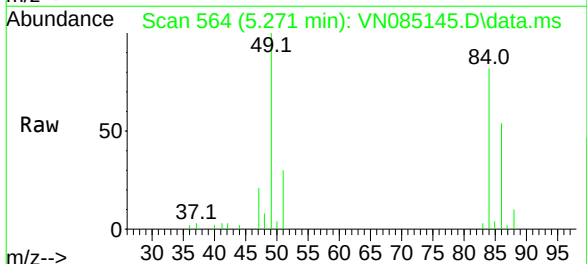
Ion Ratio Lower Upper

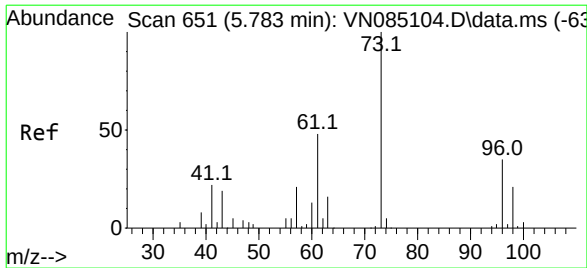
84 100

49 122.3 92.7 139.1

51 36.3 29.4 44.2

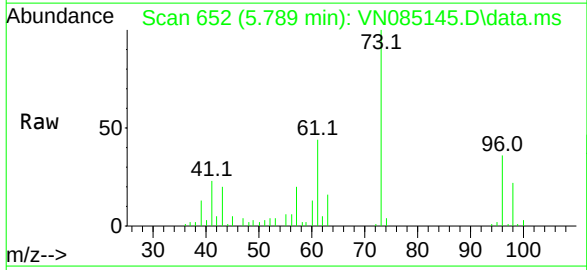
86 66.5 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 19.261 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.018 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

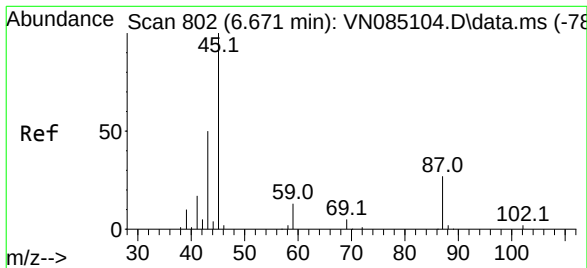
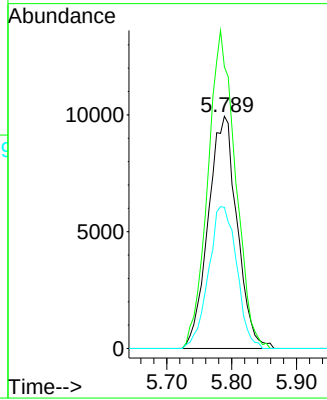
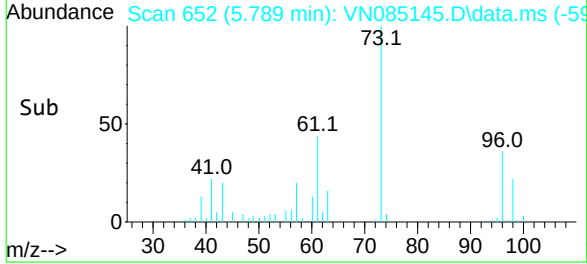
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



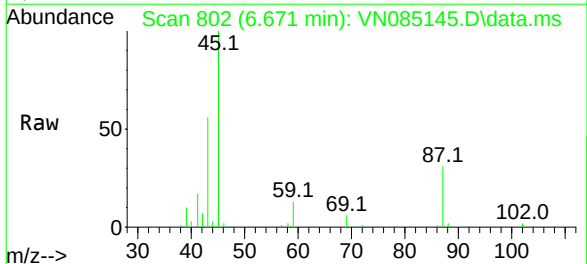
Tgt Ion: 96 Resp: 30746
Ion Ratio Lower Upper
96 100
61 121.3 100.7 151.1
98 60.8 45.8 68.6

Manual Integrations
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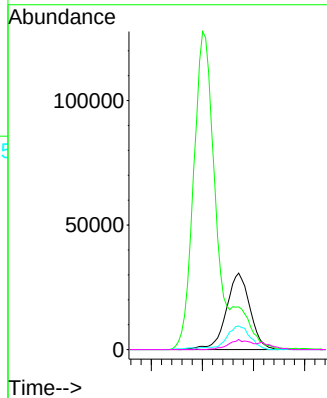
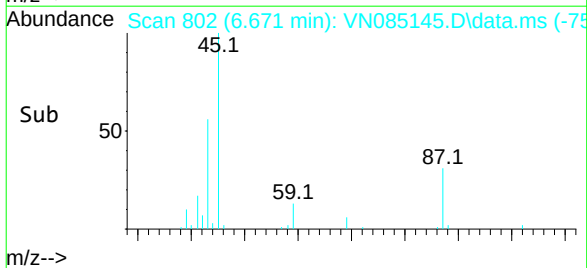
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

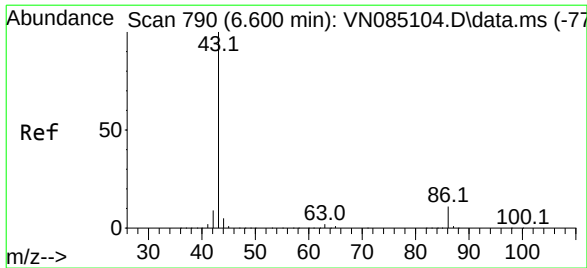


#22
Diisopropyl ether
Concen: 19.159 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09



Tgt Ion: 45 Resp: 98604
Ion Ratio Lower Upper
45 100
43 54.1 42.7 64.1
87 30.9 22.6 34.0
59 13.3 9.9 14.9





#23

Vinyl Acetate

Concen: 102.144 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 43 Resp: 362666

Ion Ratio Lower Upper

43 100

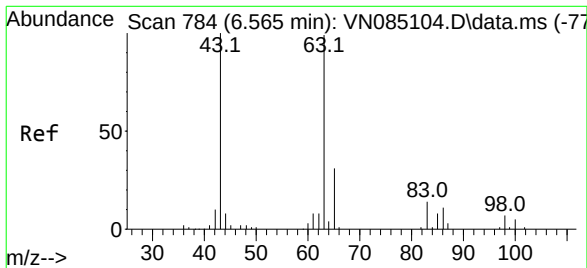
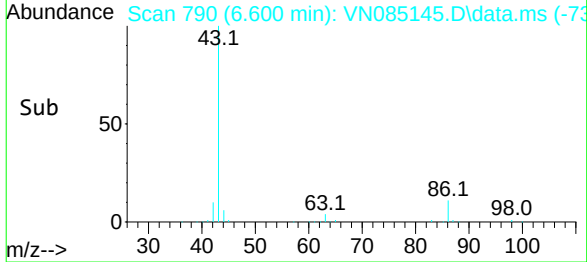
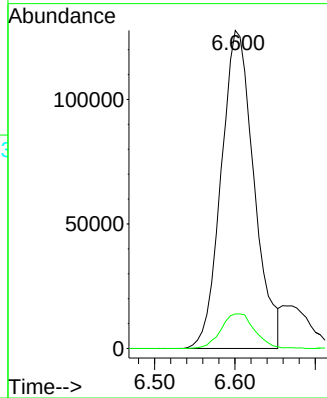
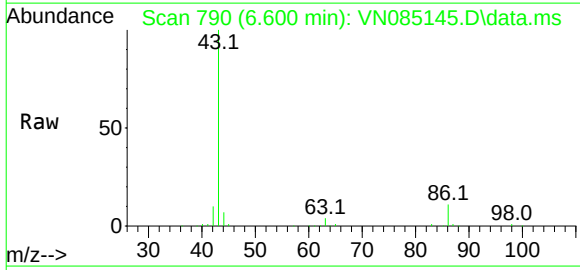
86 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#24

1,1-Dichloroethane

Concen: 18.746 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.012 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

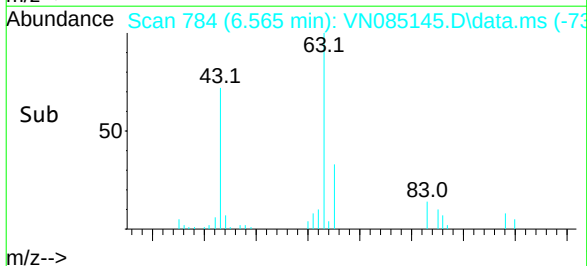
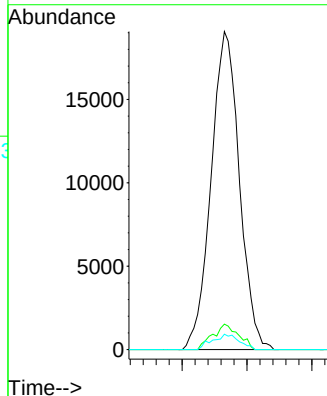
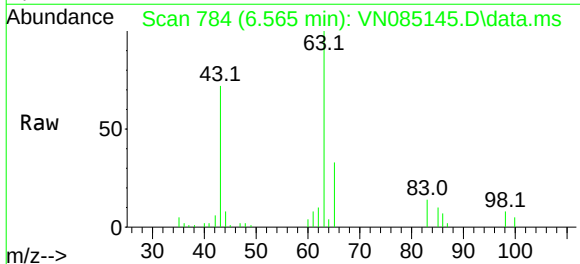
Tgt Ion: 63 Resp: 57735

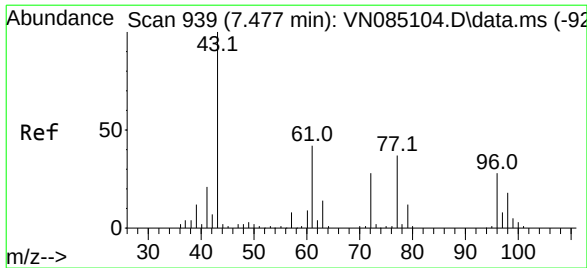
Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.8

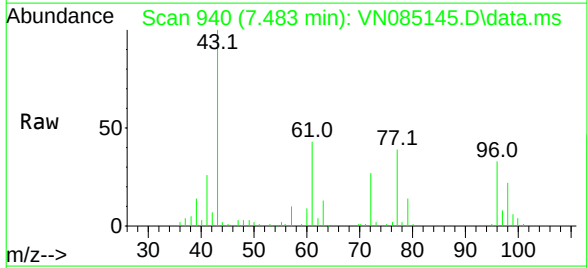
100 4.8 2.2 6.6





#25
2-Butanone
Concen: 116.364 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

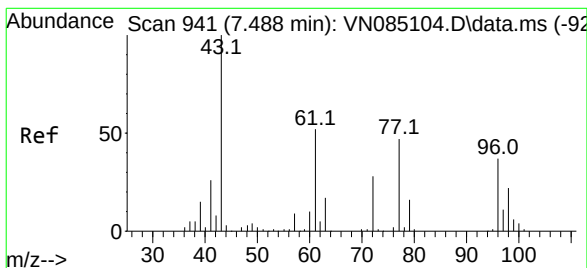
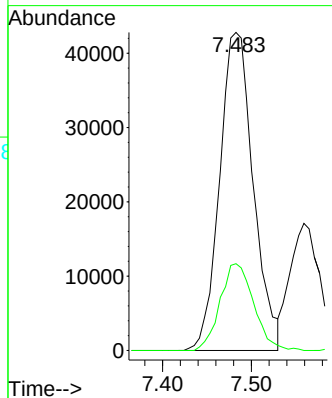
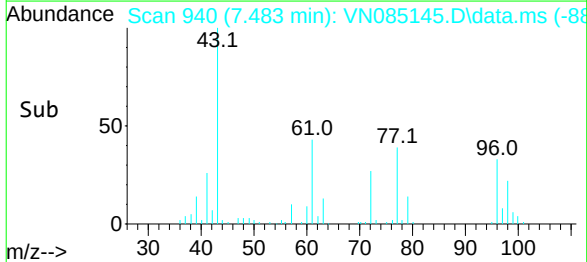
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



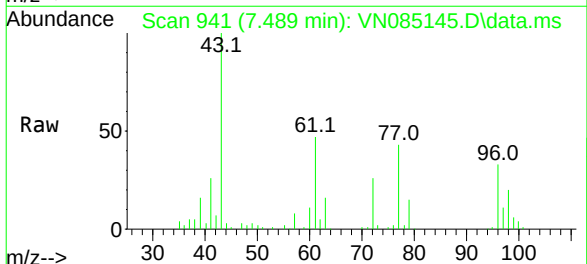
Tgt Ion: 43 Resp: 112796
Ion Ratio Lower Upper
43 100
72 27.3 21.4 32.0

Manual Integrations
APPROVED

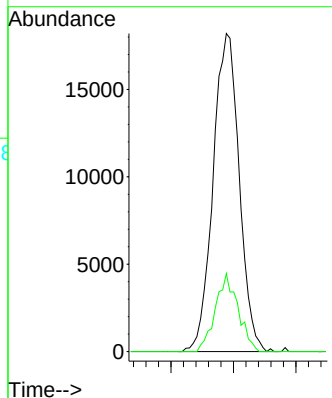
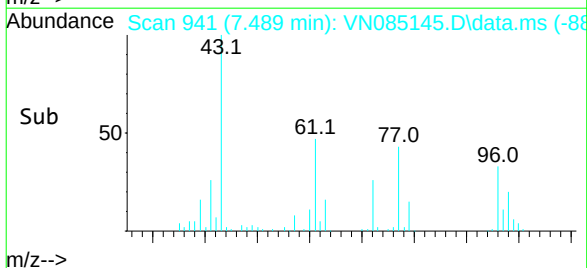
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

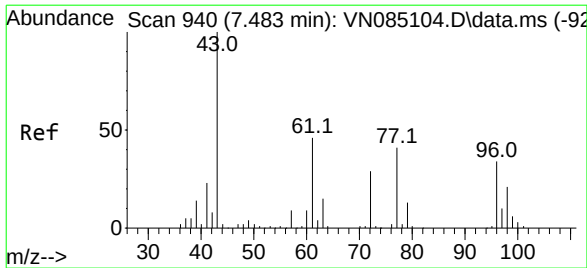


#26
2,2-Dichloropropane
Concen: 18.386 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09



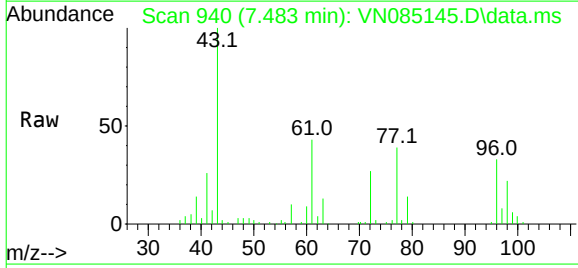
Tgt Ion: 77 Resp: 52876
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.514 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

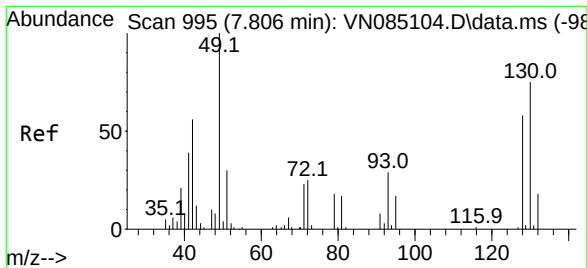
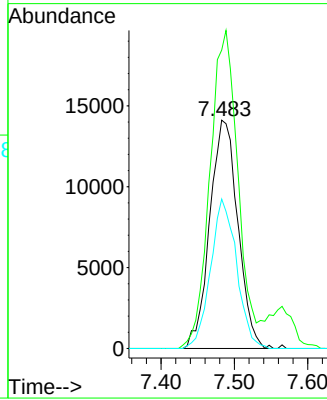
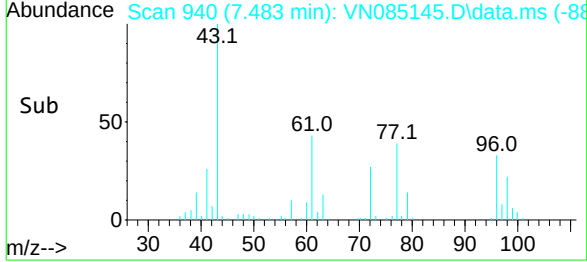
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01



Tgt Ion: 96 Resp: 37551
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 291.6
 98 60.8 0.0 129.8

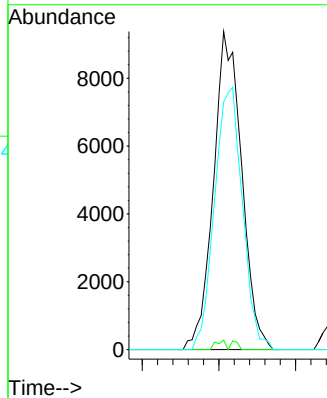
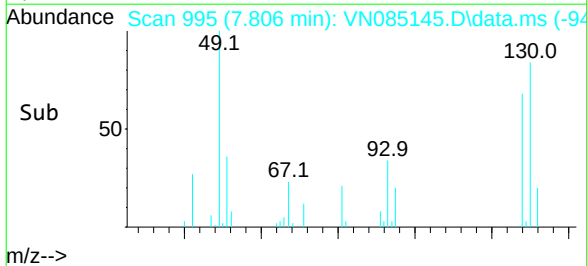
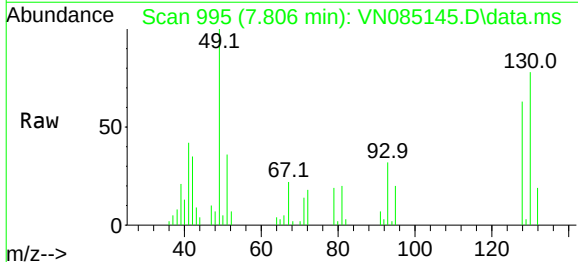
Manual Integrations
 APPROVED

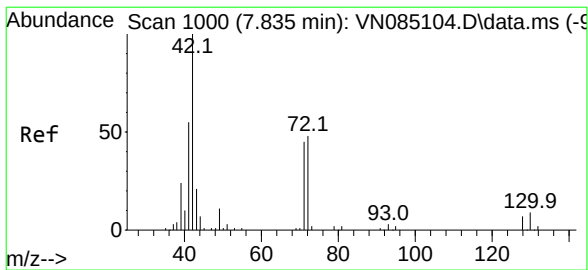
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#28
 Bromochloromethane
 Concen: 20.617 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

Tgt Ion: 49 Resp: 23969
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 0.0 60.6 90.8#





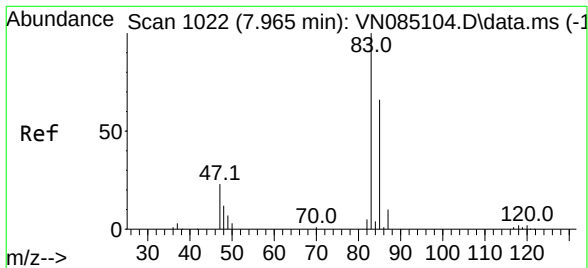
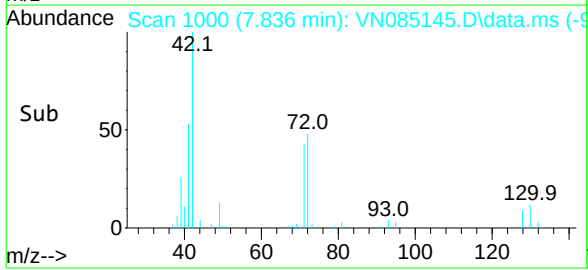
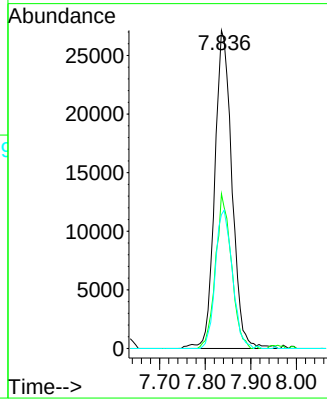
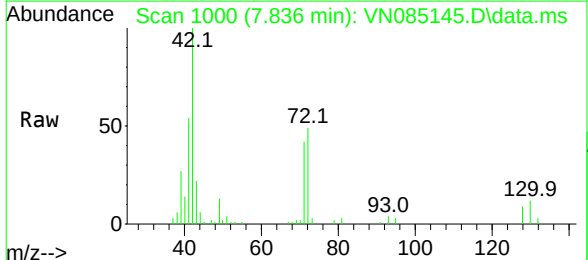
#29
Tetrahydrofuran
Concen: 118.337 ug/l
RT: 7.836 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion: 42 Resp: 71336
Ion Ratio Lower Upper
42 100
72 44.7 37.0 55.4
71 42.8 35.0 52.4

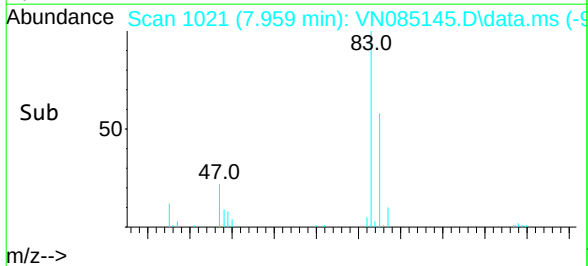
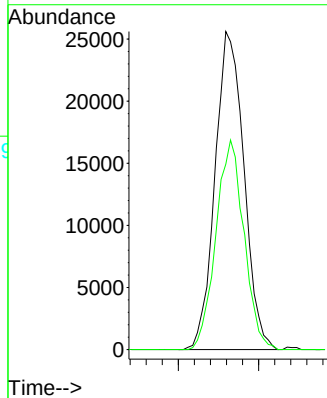
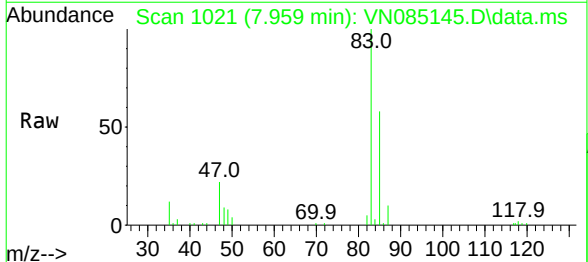
Manual Integrations
APPROVED

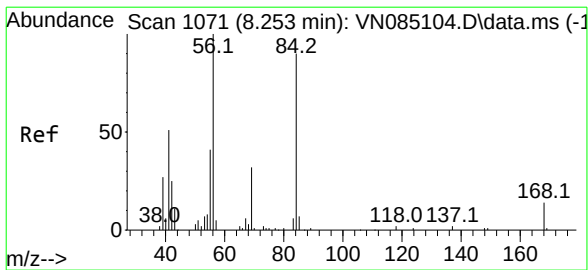
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#30
Chloroform
Concen: 19.513 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

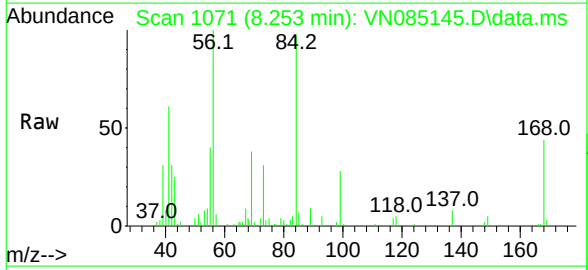
Tgt Ion: 83 Resp: 63927
Ion Ratio Lower Upper
83 100
85 58.3 52.6 78.8





#31
Cyclohexane
Concen: 17.980 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

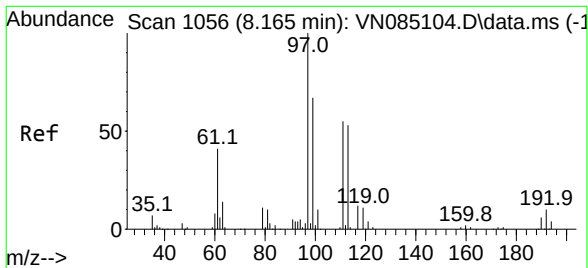
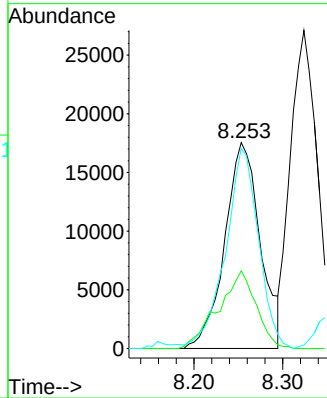
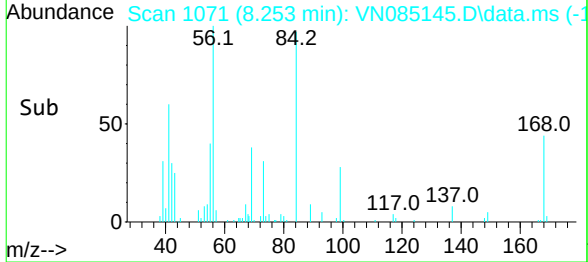
Instrument : MSVOA_N
Client SampleId : VN1209WBSD01



Tgt Ion: 56 Resp: 48755
Ion Ratio Lower Upper
56 100
69 37.7 24.6 36.8#
84 95.1 71.4 107.2

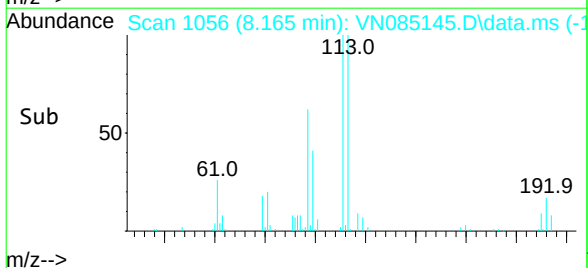
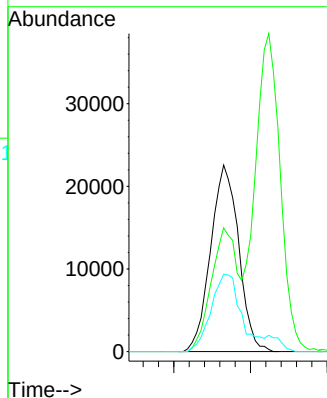
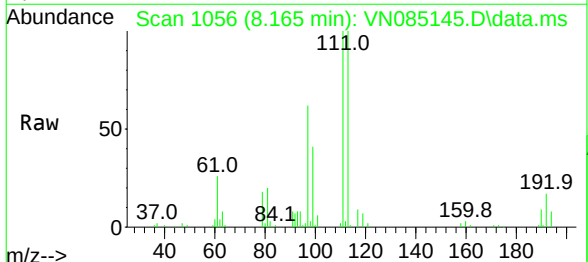
Manual Integrations
APPROVED

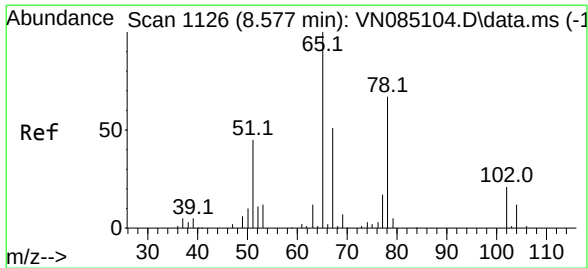
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#32
1,1,1-Trichloroethane
Concen: 19.337 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

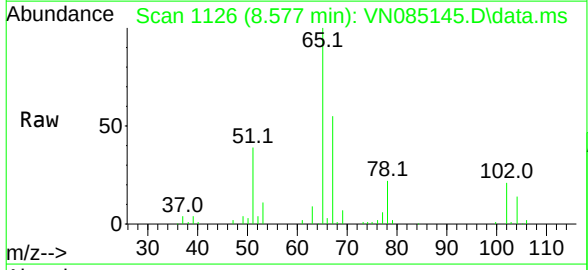
Tgt Ion: 97 Resp: 57246
Ion Ratio Lower Upper
97 100
99 62.4 51.0 76.4
61 45.1 36.2 54.2





#33
 1,2-Dichloroethane-d4
 Concen: 51.041 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

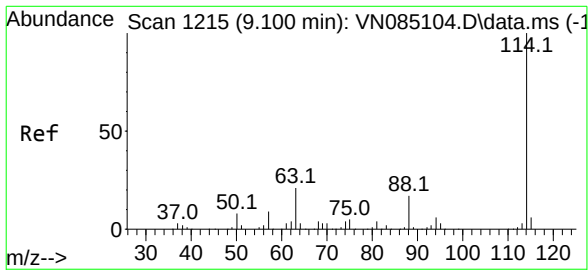
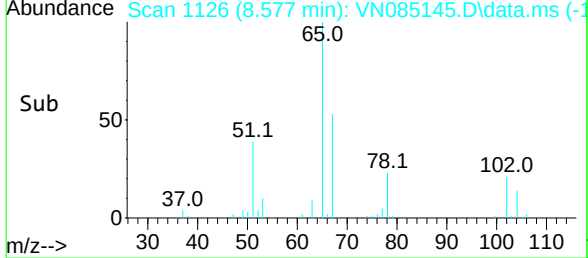
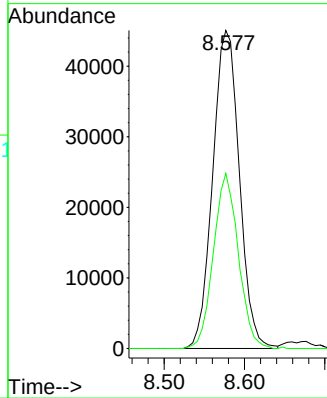
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01



Tgt Ion: 65 Resp: 103903
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.0

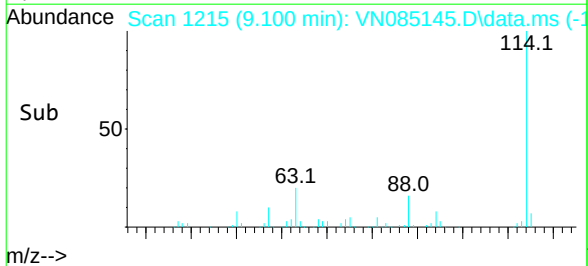
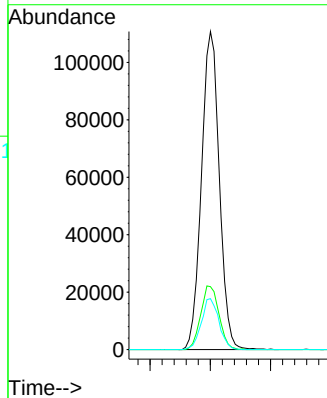
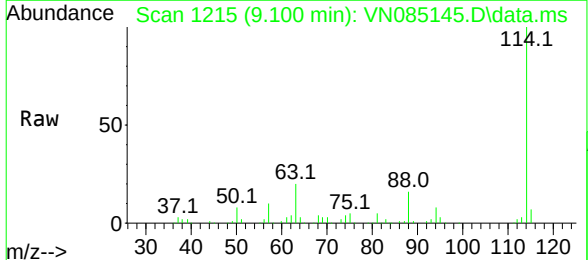
Manual Integrations
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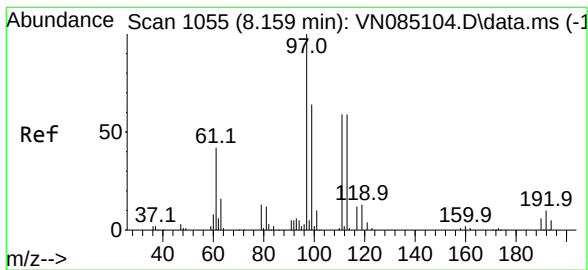
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

Tgt Ion:114 Resp: 227734
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.0
 88 16.0 0.0 34.8





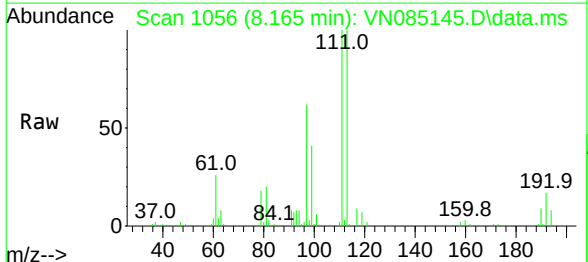
#35
 Dibromofluoromethane
 Concen: 53.889 ug/l
 RT: 8.165 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

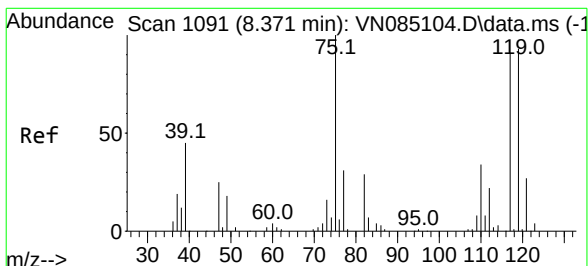
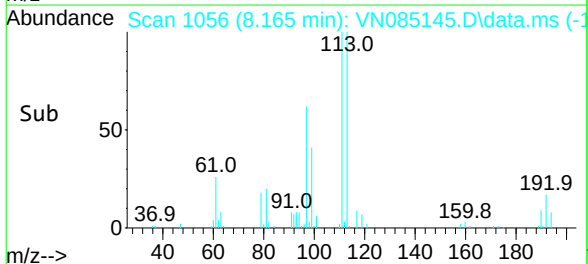
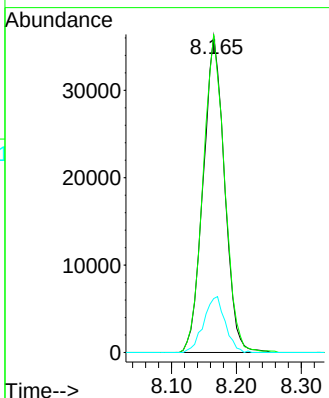
VN1209WBSD01



Tgt Ion:	113	Resp:	82760
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	17.8	14.8	22.2

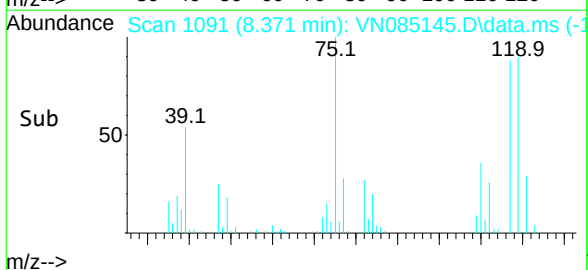
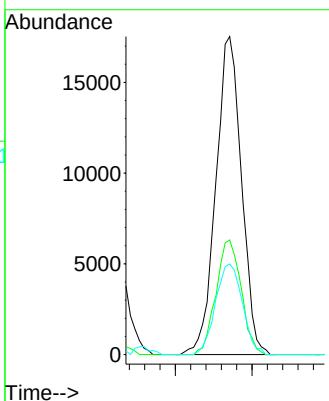
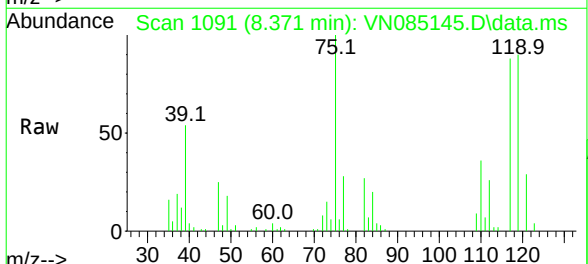
Manual Integrations
 APPROVED

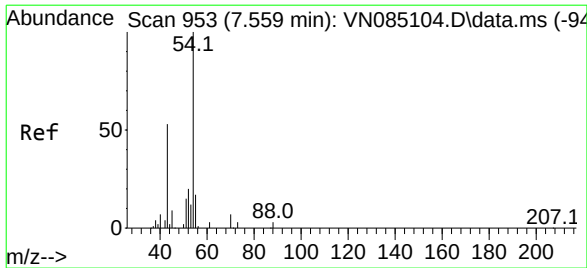
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#36
 1,1-Dichloropropene
 Concen: 19.540 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

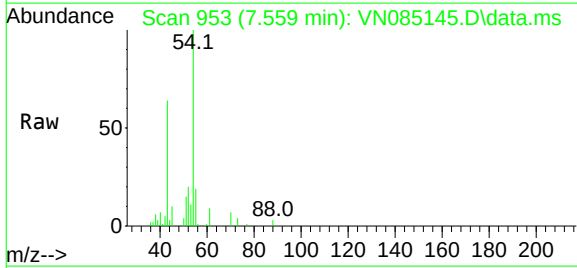
Tgt Ion:	75	Resp:	40646
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.2	51.6
77	29.8	24.2	36.4





#37
Ethyl Acetate
Concen: 22.530 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

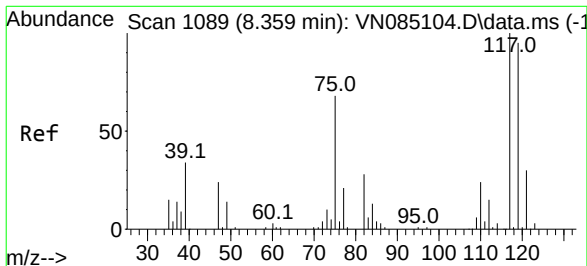
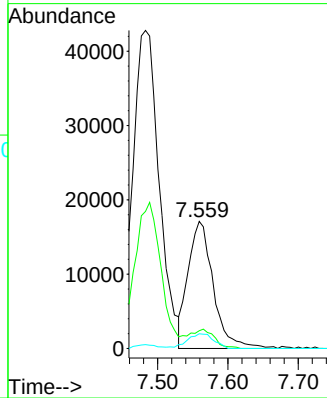
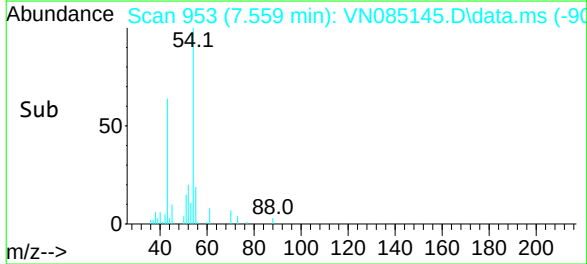
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 43 Resp: 42607
Ion Ratio Lower Upper
43 100
61 13.3 11.7 17.5
70 12.2 9.3 13.9

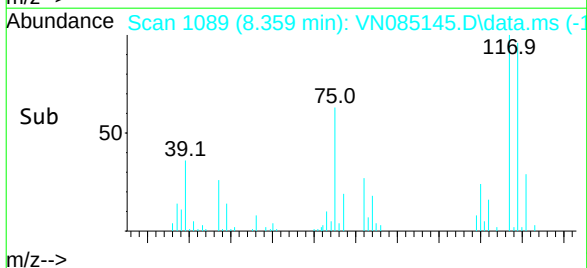
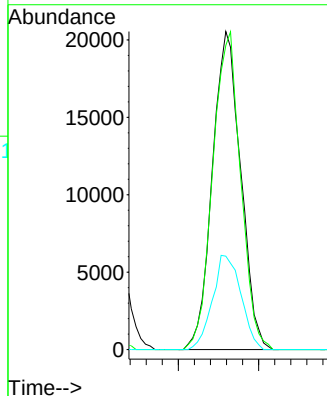
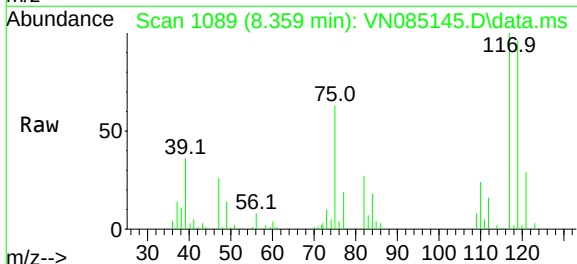
Manual Integrations
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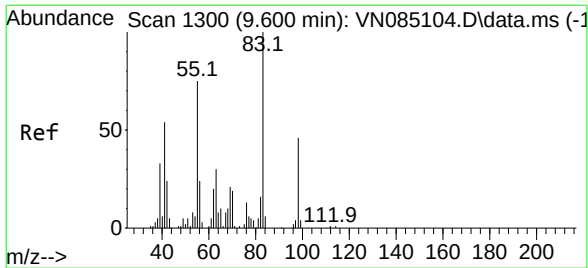
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#38
Carbon Tetrachloride
Concen: 20.975 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion:117 Resp: 50365
Ion Ratio Lower Upper
117 100
119 95.6 78.6 117.8
121 29.4 24.2 36.2





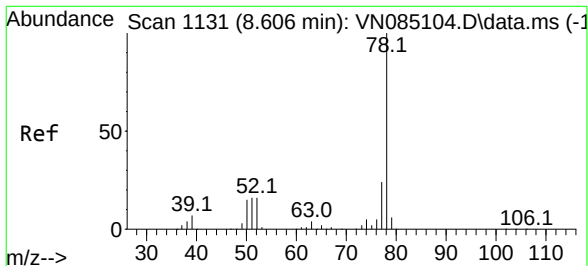
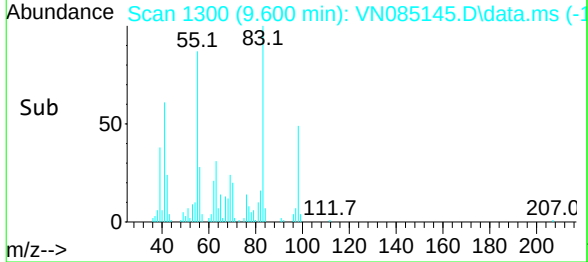
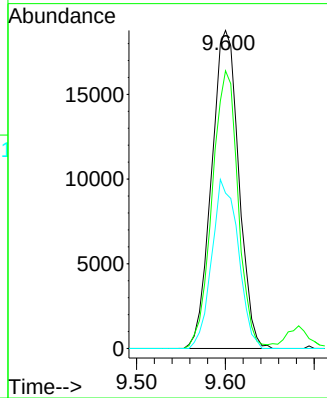
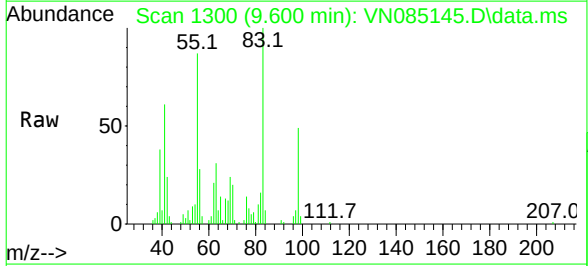
#39
Methylcyclohexane
Concen: 18.501 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.3	61.8	92.6
98	48.8	37.0	55.6

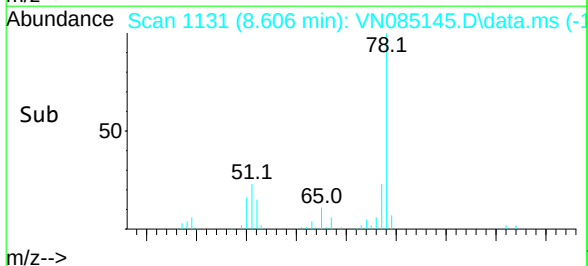
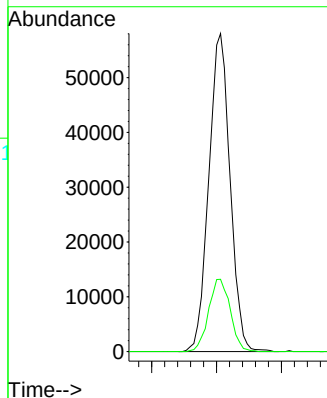
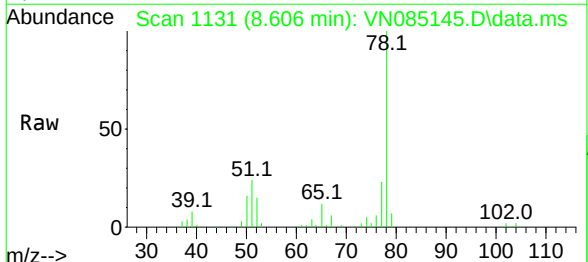
Manual Integrations
APPROVED

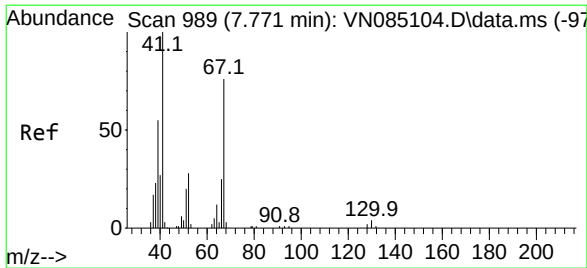
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#40
Benzene
Concen: 20.048 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.5	27.7





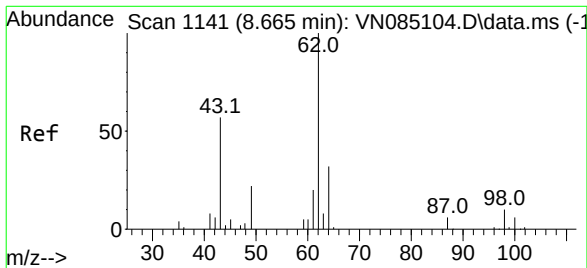
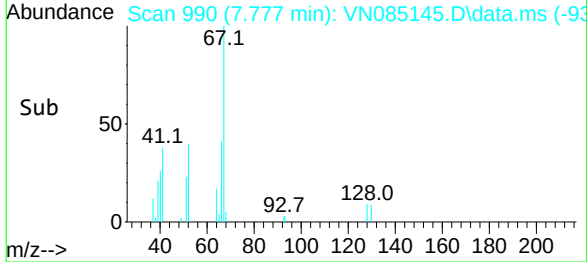
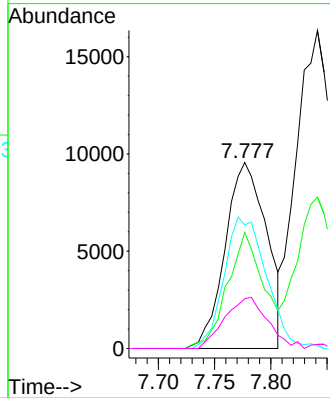
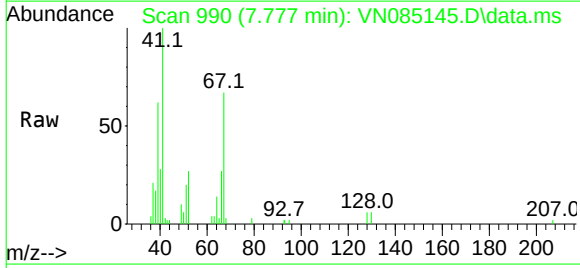
#41
Methacrylonitrile
Concen: 23.385 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:	41	Resp:	24485
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.6	63.8
67	72.3	59.9	89.9
52	28.5	24.8	37.2

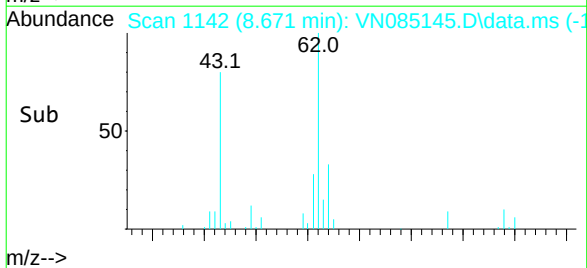
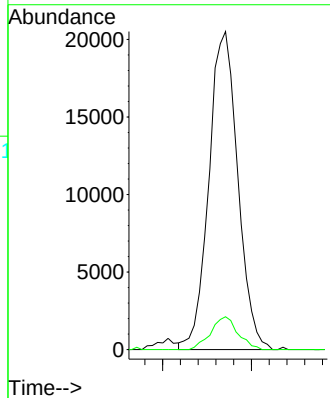
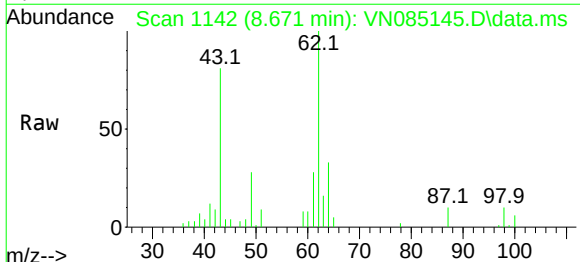
Manual Integrations
APPROVED

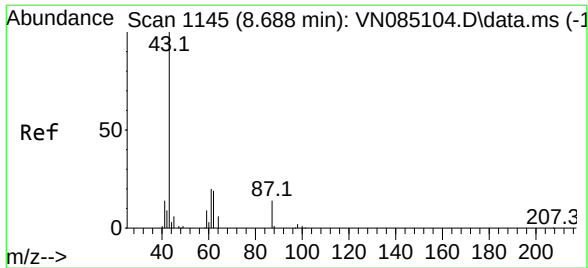
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#42
1,2-Dichloroethane
Concen: 20.649 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

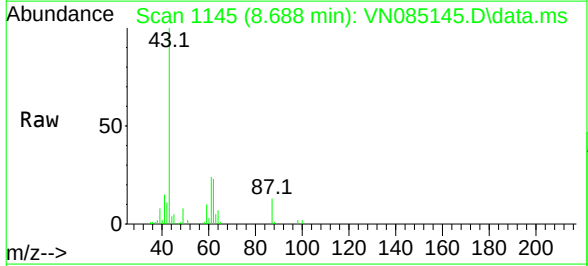
Tgt Ion:	62	Resp:	46478
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2





#43
 Isopropyl Acetate
 Concen: 18.444 ug/l
 RT: 8.688 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

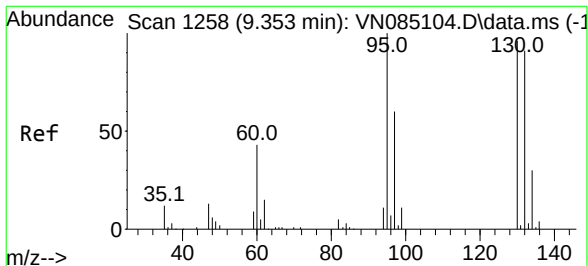
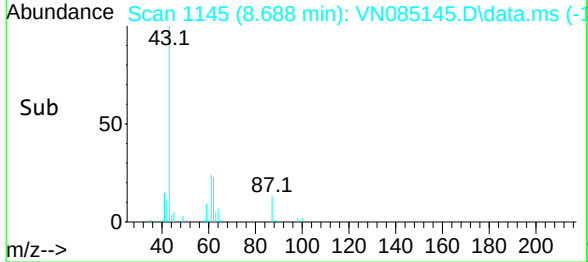
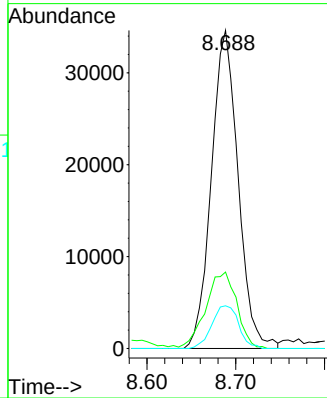
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01



Tgt Ion:	43	Resp:	72452
Ion	Ratio	Lower	Upper
43	100		
61	27.8	20.6	30.8
87	13.5	11.0	16.4

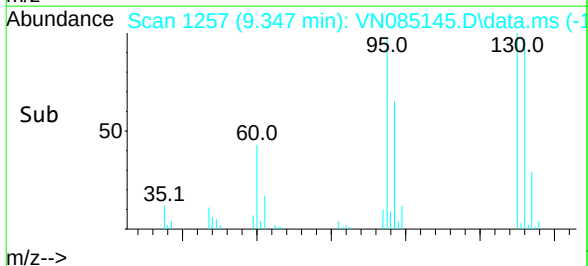
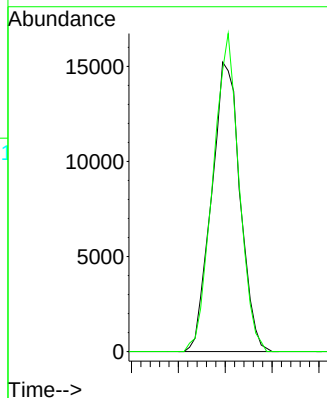
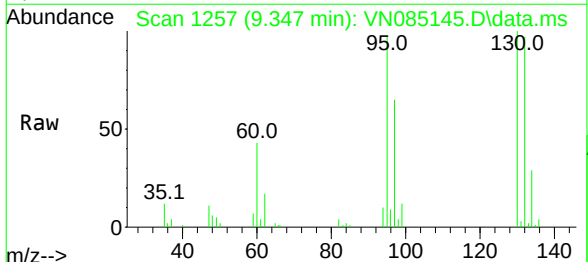
Manual Integrations
 APPROVED

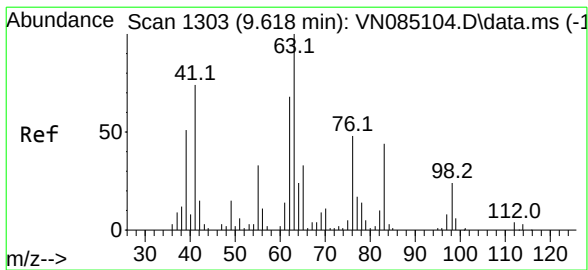
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#44
 Trichloroethene
 Concen: 21.047 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. -0.000 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

Tgt Ion:	130	Resp:	32181
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	213.4





#45

1,2-Dichloropropane

Concen: 20.380 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 63 Resp: 33025

Ion Ratio Lower Upper

63 100

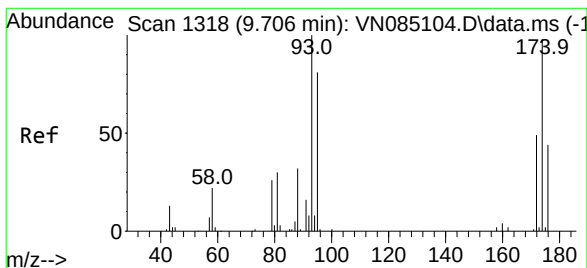
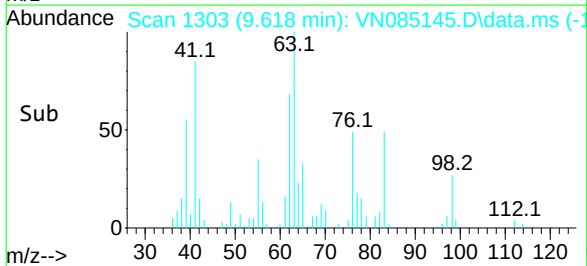
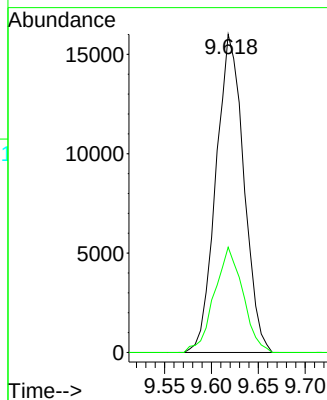
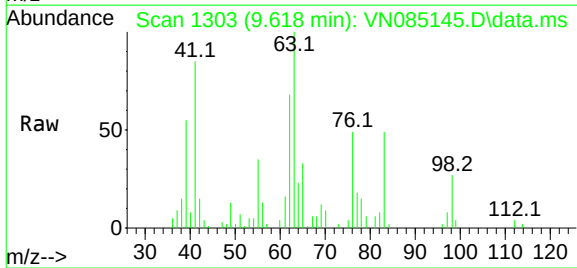
65 33.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#46

Dibromomethane

Concen: 21.544 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

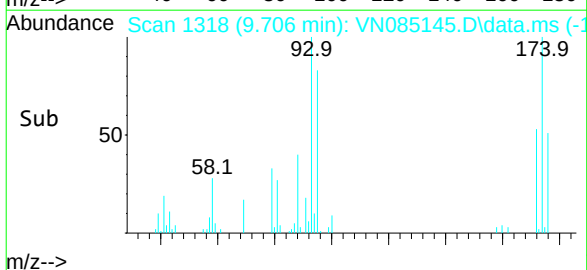
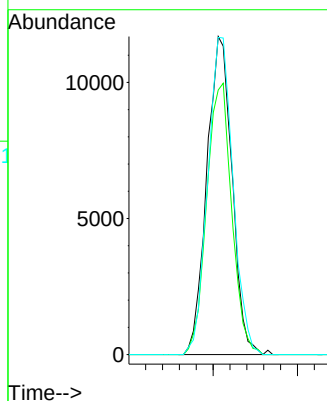
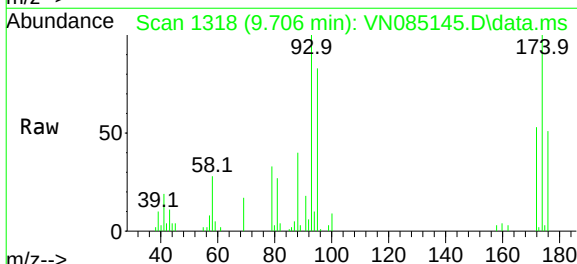
Tgt Ion: 93 Resp: 24259

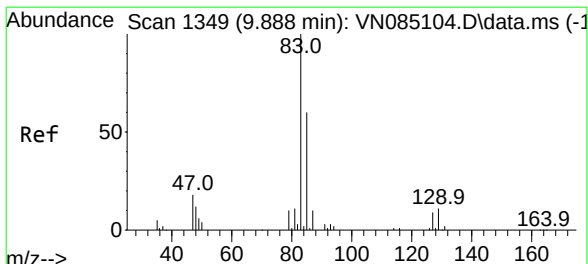
Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

174 99.8 74.9 112.3





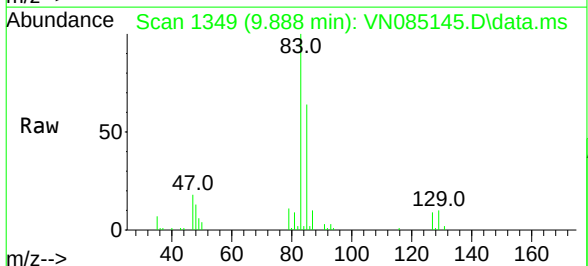
#47
 Bromodichloromethane
 Concen: 21.610 ug/l
 RT: 9.888 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

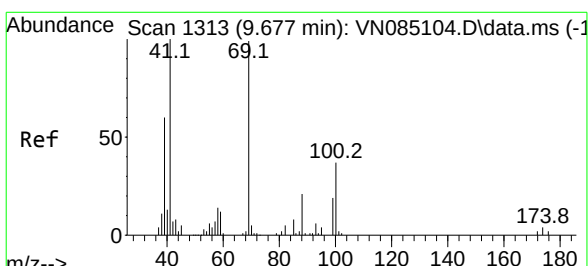
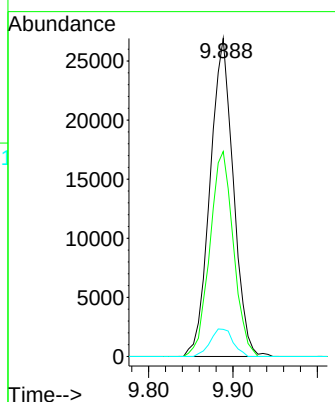
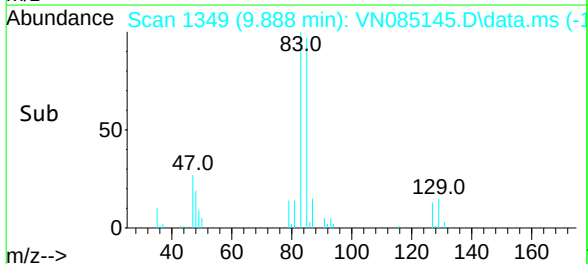
VN1209WBSD01



Tgt Ion:	83	Resp:	51571
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.5	75.7
127	8.5	7.1	10.7

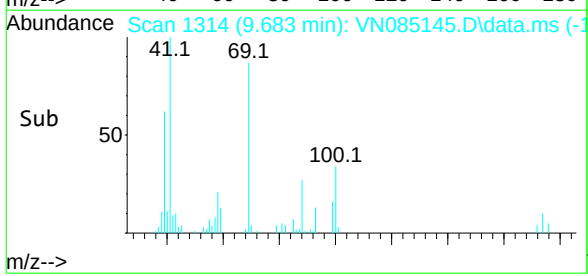
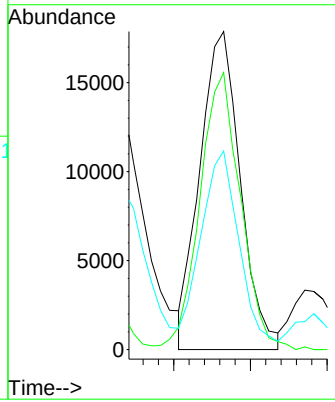
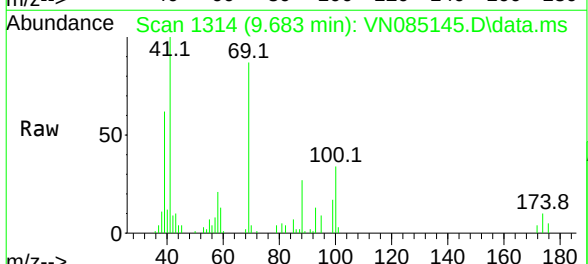
Manual Integrations
 APPROVED

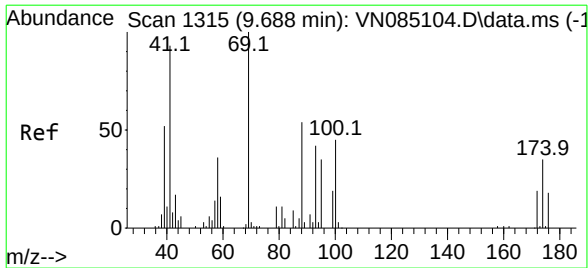
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#48
 Methyl methacrylate
 Concen: 22.453 ug/l
 RT: 9.683 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN085145.D
 Acq: 09 Dec 2024 12:09

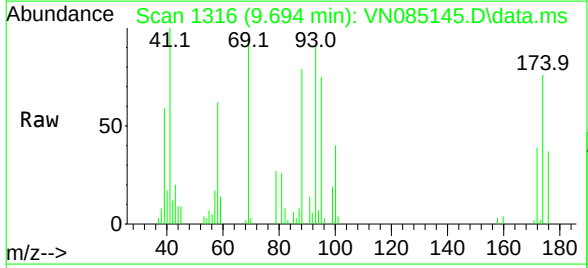
Tgt Ion:	41	Resp:	32820
Ion	Ratio	Lower	Upper
41	100		
69	87.5	73.2	109.8
39	59.4	46.2	69.4





#49
1,4-Dioxane
Concen: 555.200 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

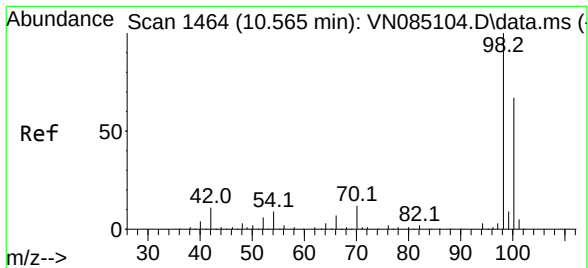
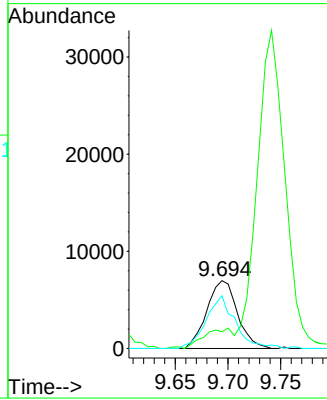
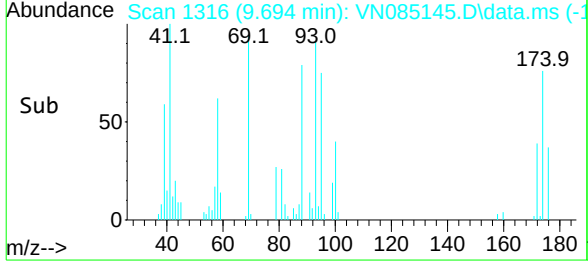
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 88 Resp: 14074
Ion Ratio Lower Upper
88 100
43 20.3 16.7 25.1
58 74.4 56.5 84.7

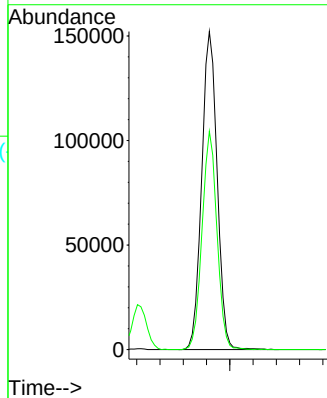
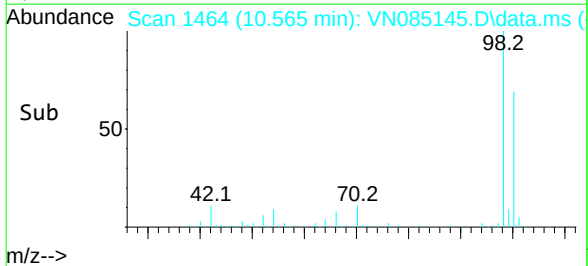
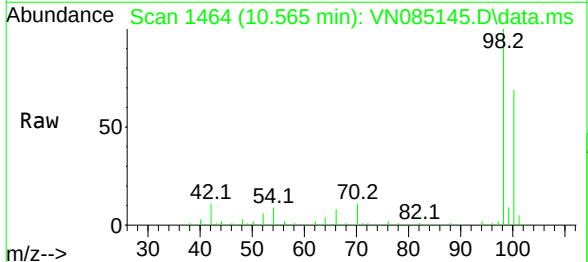
Manual Integrations
APPROVED

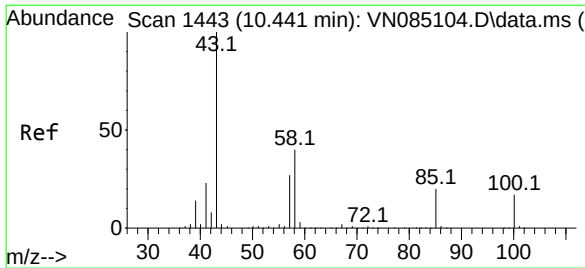
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#50
Toluene-d8
Concen: 50.954 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion: 98 Resp: 280439
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7





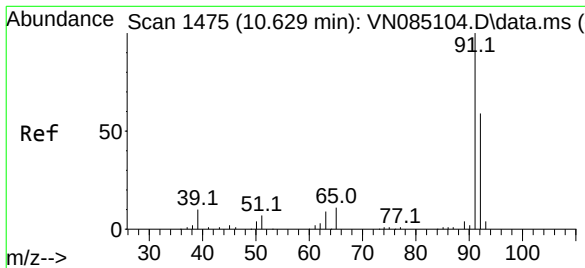
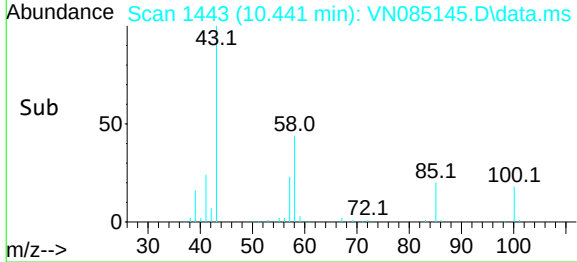
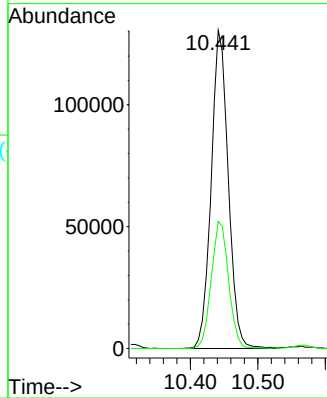
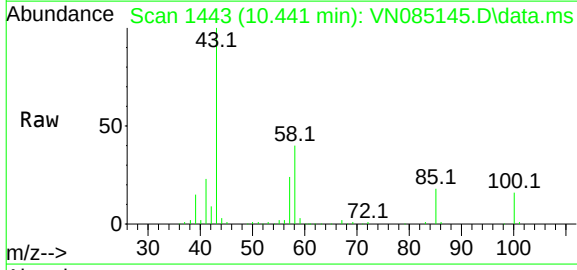
#51
4-Methyl-2-Pentanone
Concen: 127.955 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion: 43 Resp: 229577
Ion Ratio Lower Upper
43 100
58 40.4 32.1 48.1

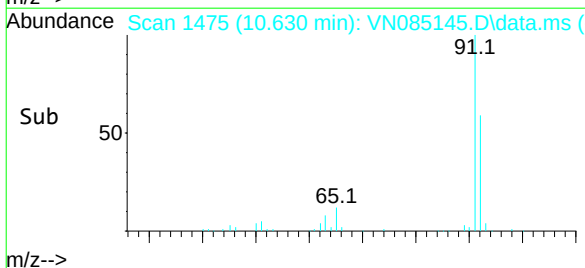
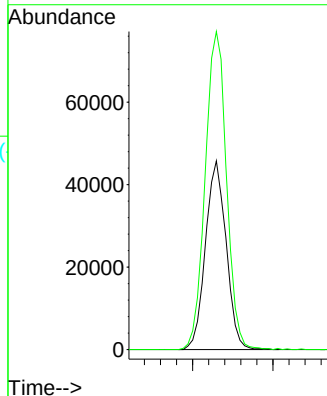
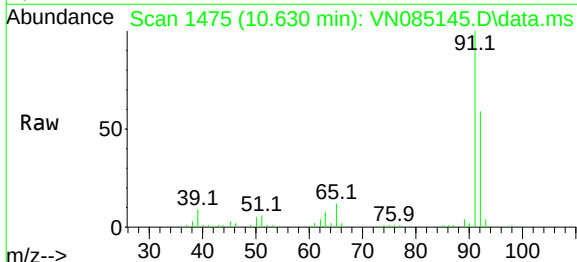
Manual Integrations
APPROVED

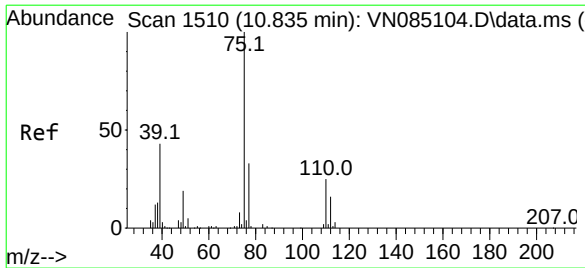
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#52
Toluene
Concen: 21.014 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

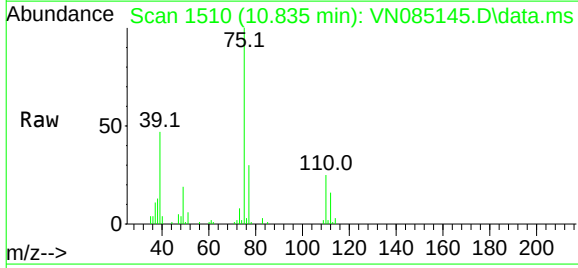
Tgt Ion: 92 Resp: 81847
Ion Ratio Lower Upper
92 100
91 173.5 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 20.921 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

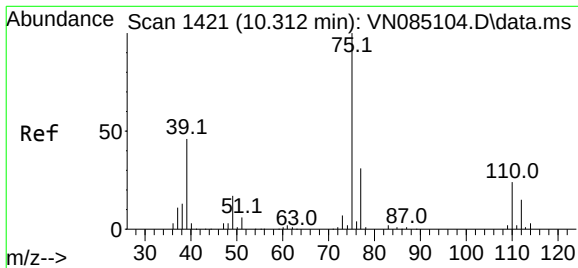
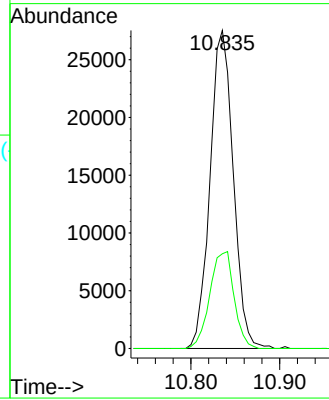
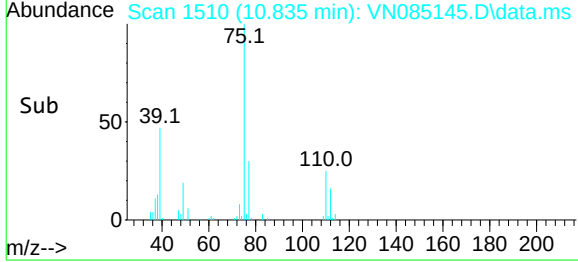
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



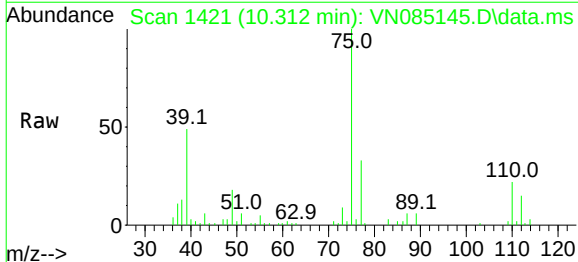
Tgt Ion: 75 Resp: 50056
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.4

Manual Integrations
APPROVED

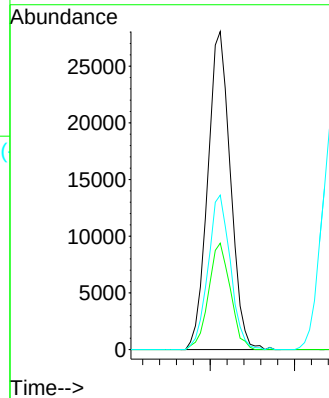
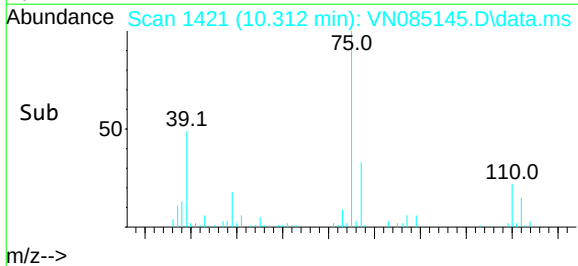
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

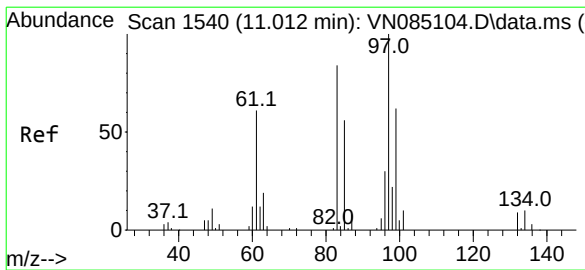


#54
cis-1,3-Dichloropropene
Concen: 20.678 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09



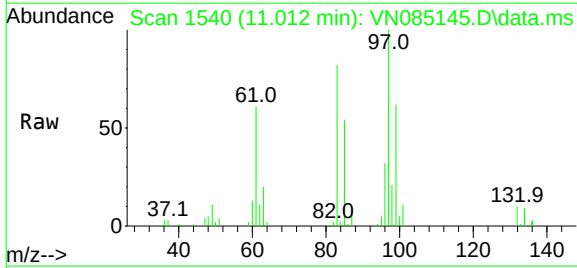
Tgt Ion: 75 Resp: 52486
Ion Ratio Lower Upper
75 100
77 33.5 25.0 37.4
39 48.6 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 22.978 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

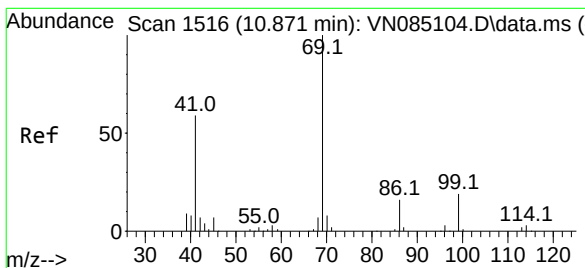
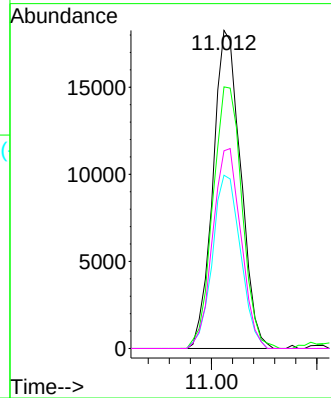
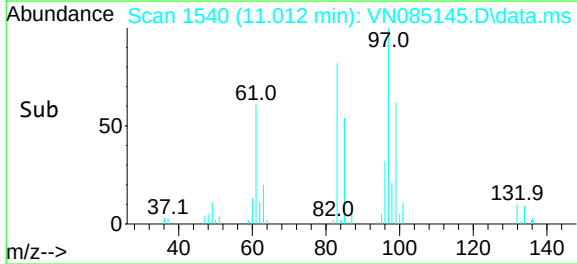
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 97 Resp: 33335
Ion Ratio Lower Upper
97 100
83 82.3 67.4 101.2
85 54.5 43.1 64.7
99 62.1 50.9 76.3

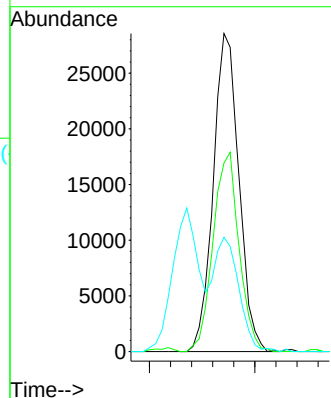
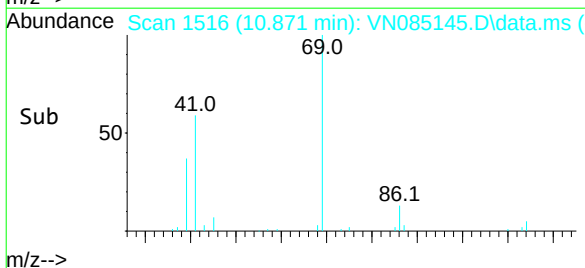
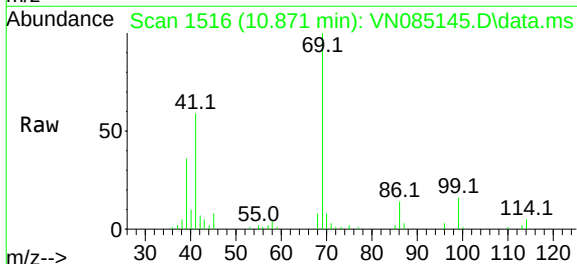
Manual Integrations
APPROVED

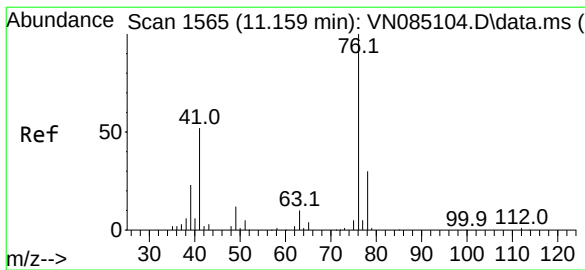
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#56
Ethyl methacrylate
Concen: 22.755 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

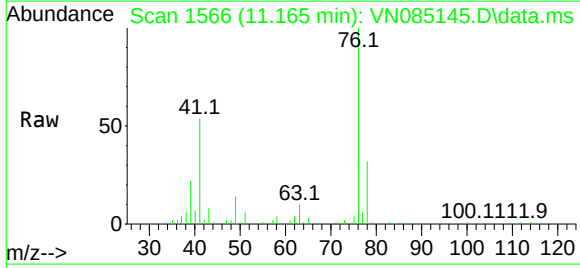
Tgt Ion: 69 Resp: 48238
Ion Ratio Lower Upper
69 100
41 63.4 50.0 75.0
39 36.2 27.0 40.6





#57
1,3-Dichloropropane
Concen: 21.568 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

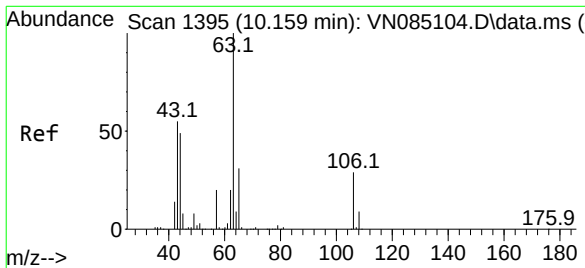
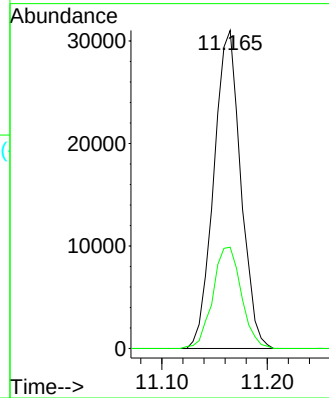
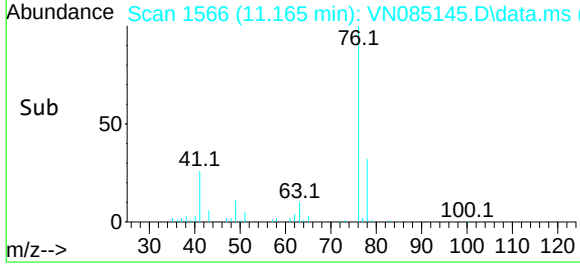
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 76 Resp: 55071
Ion Ratio Lower Upper
76 100
78 33.7 26.1 39.1

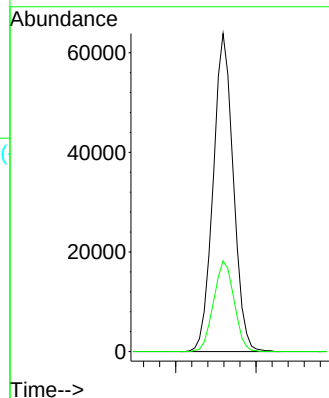
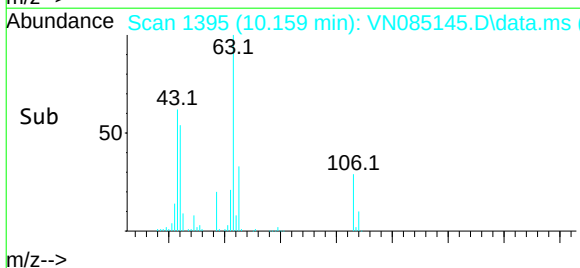
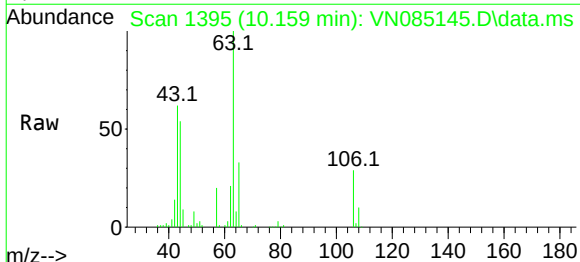
Manual Integrations
APPROVED

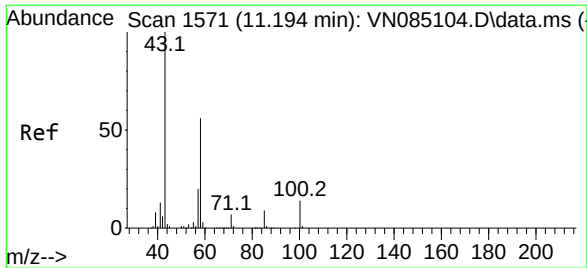
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 107.042 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

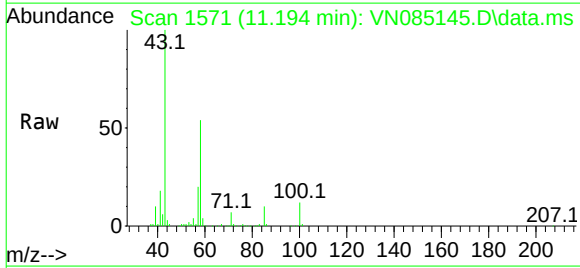
Tgt Ion: 63 Resp: 111311
Ion Ratio Lower Upper
63 100
106 28.9 23.0 34.6





#59
2-Hexanone
Concen: 128.613 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

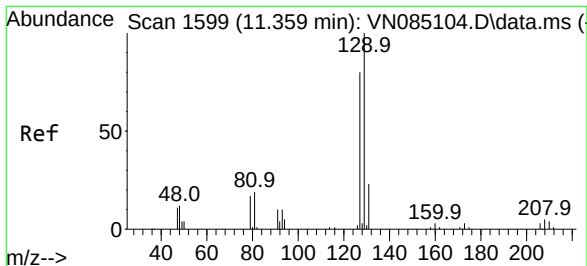
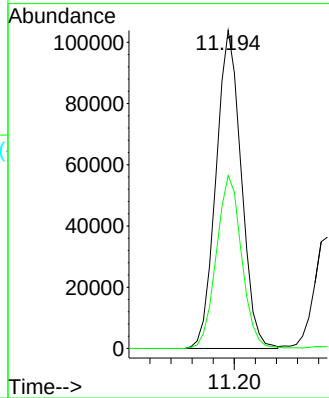
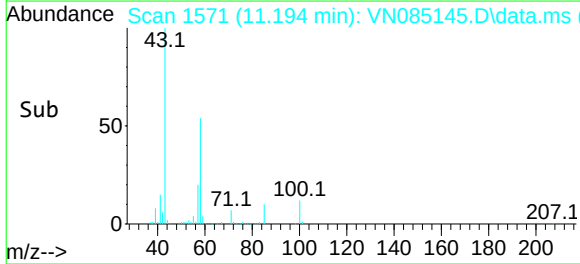
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 43 Resp: 172584
Ion Ratio Lower Upper
43 100
58 54.5 28.3 85.0

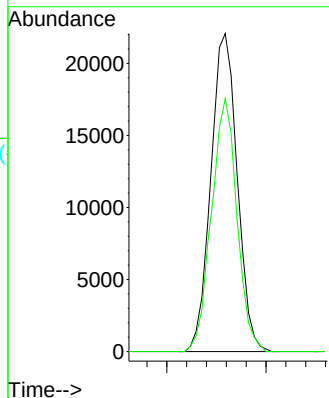
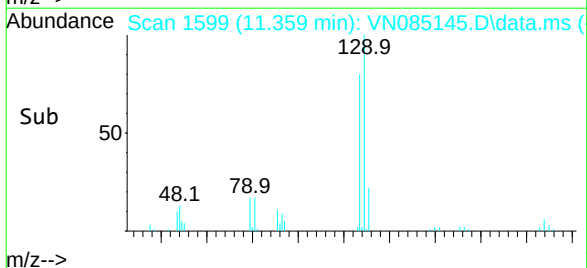
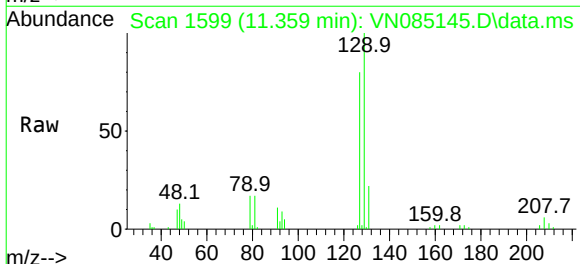
Manual Integrations
APPROVED

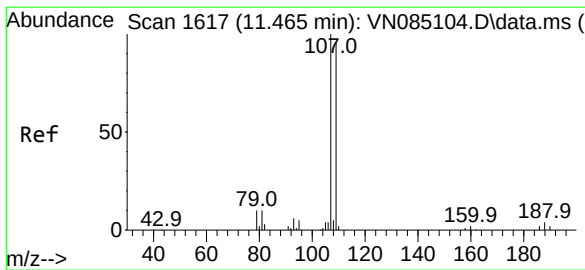
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#60
Dibromochloromethane
Concen: 22.997 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion:129 Resp: 40774
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6





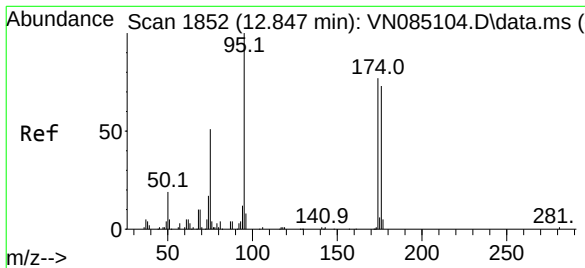
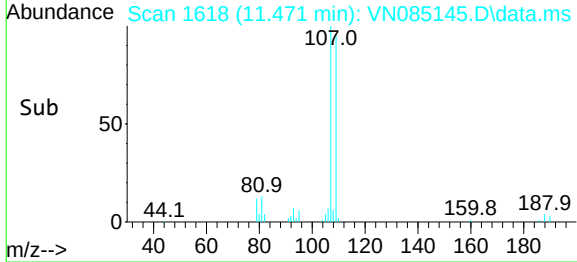
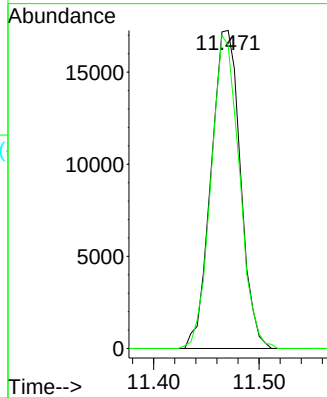
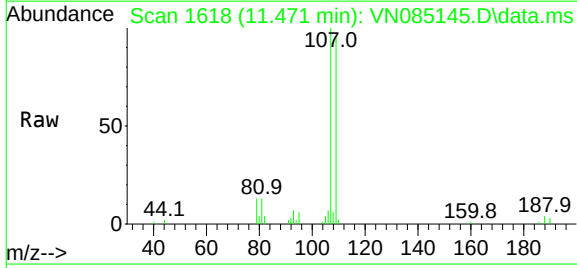
#61
1,2-Dibromoethane
Concen: 22.146 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion: 107 Resp: 33251
Ion Ratio Lower Upper
107 100
109 95.3 76.1 114.1

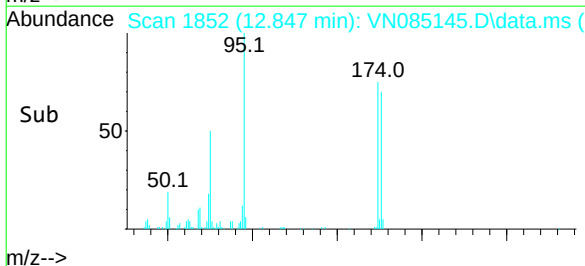
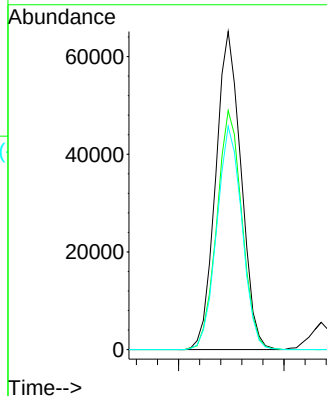
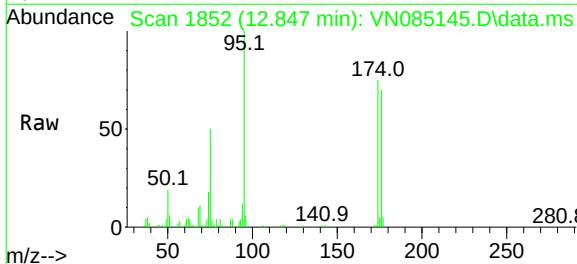
Manual Integrations
APPROVED

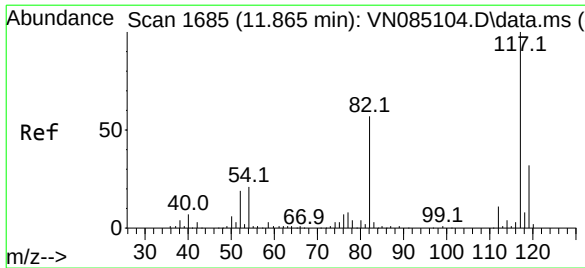
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#62
4-Bromofluorobenzene
Concen: 52.915 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion: 95 Resp: 108911
Ion Ratio Lower Upper
95 100
174 74.4 0.0 146.6
176 69.8 0.0 141.8





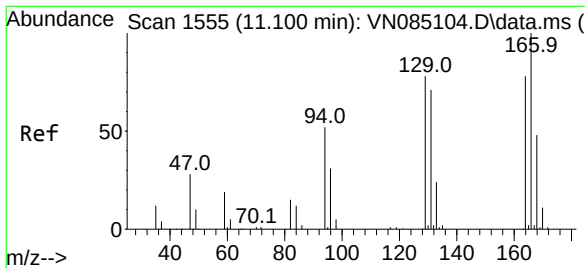
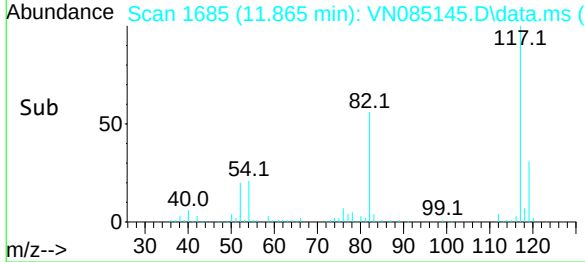
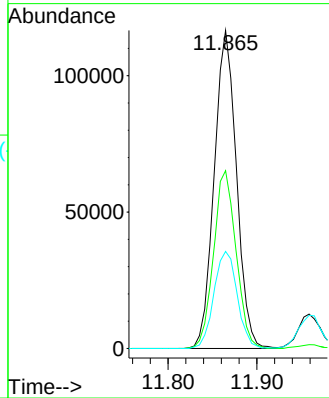
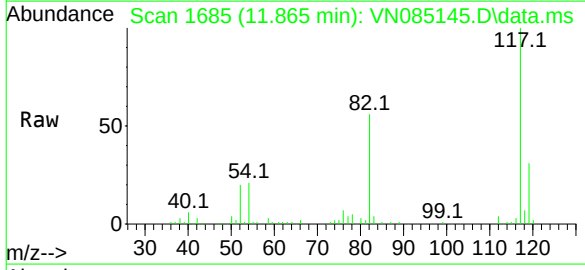
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:	117	Resp:	203151
Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.0	69.0
119	30.5	25.6	38.4

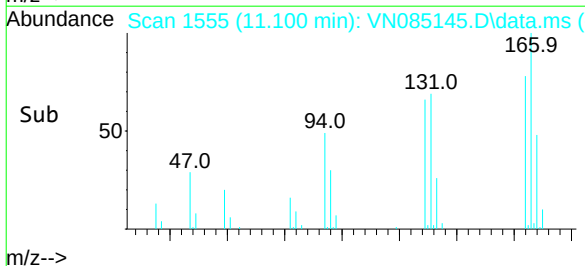
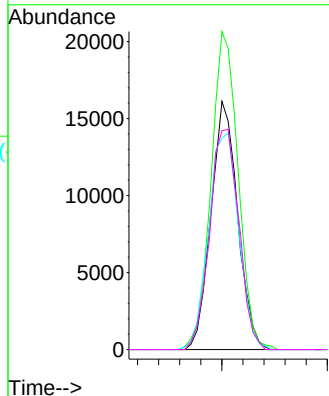
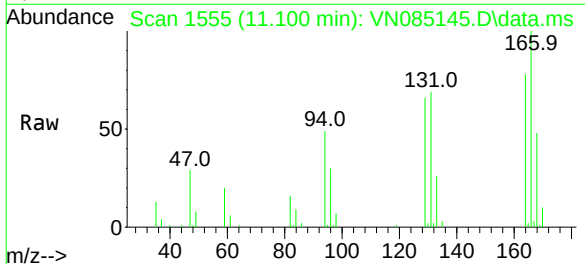
Manual Integrations
APPROVED

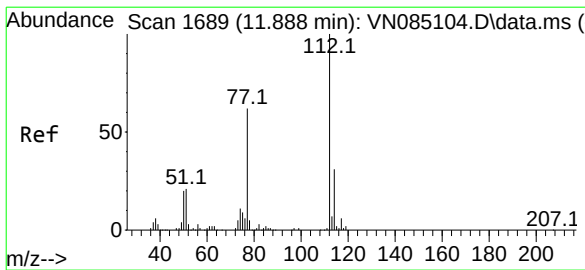
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#64
Tetrachloroethene
Concen: 20.683 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion:	164	Resp:	28313
Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.6	151.0
129	85.1	77.7	116.5
131	88.2	77.2	115.8





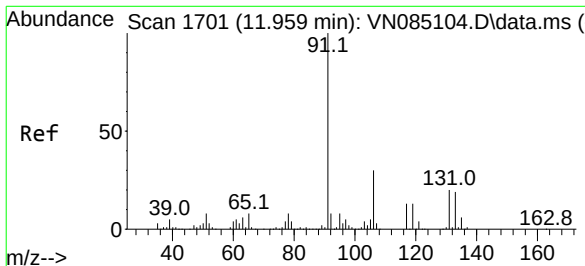
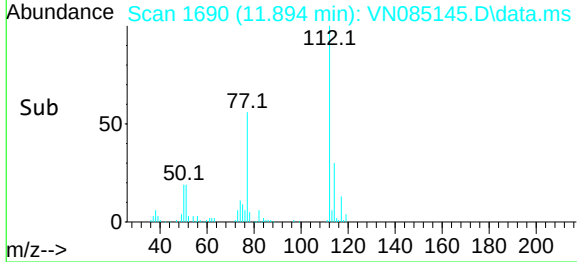
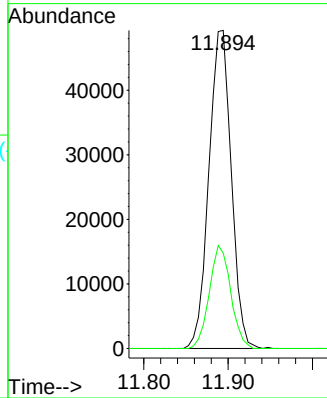
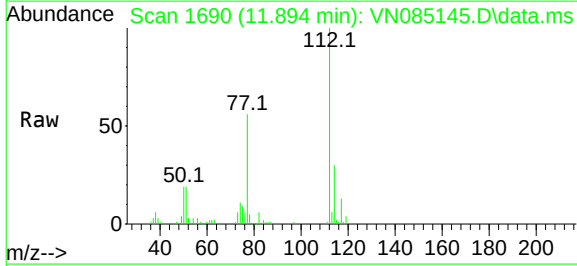
#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:112 Resp: 90827
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6

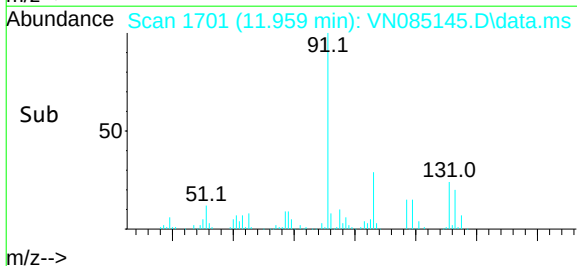
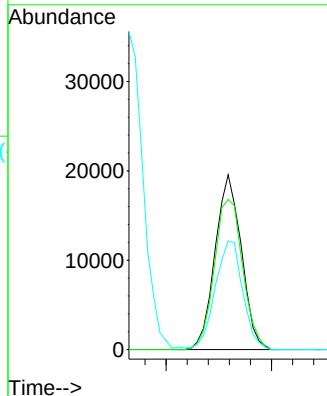
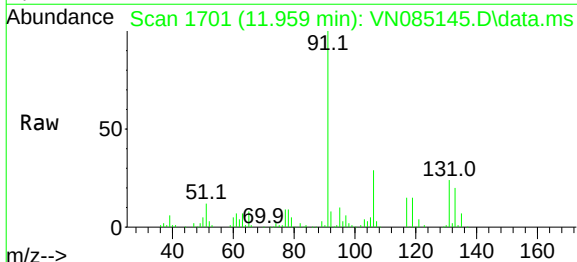
Manual Integrations
APPROVED

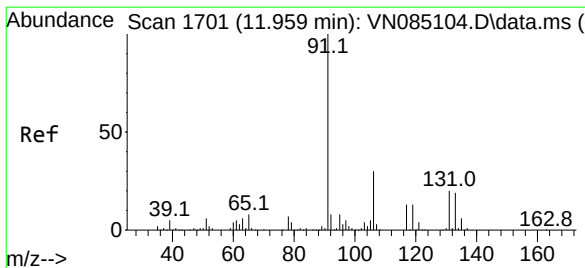
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion:131 Resp: 33935
Ion Ratio Lower Upper
131 100
133 92.6 47.8 143.4
119 65.0 32.1 96.3





#67

Ethyl Benzene

Concen: 19.736 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 91 Resp: 147522

Ion Ratio Lower Upper

91 100

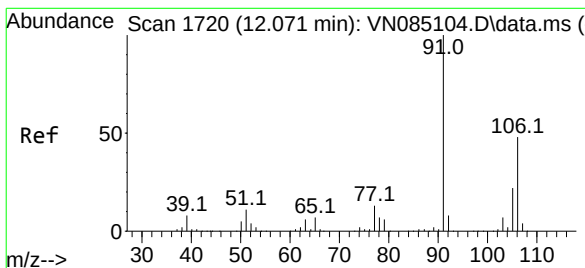
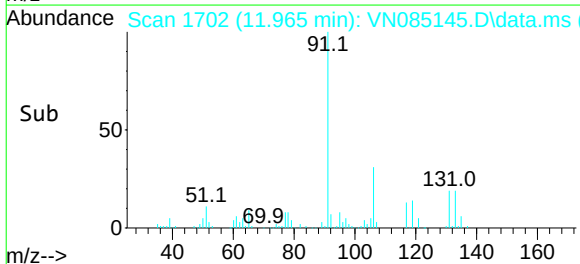
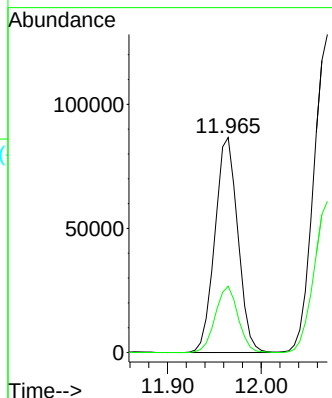
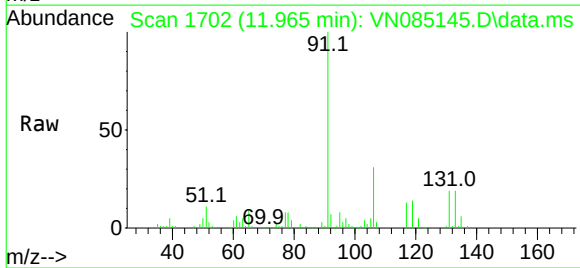
106 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#68

m/p-Xylenes

Concen: 40.857 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085145.D

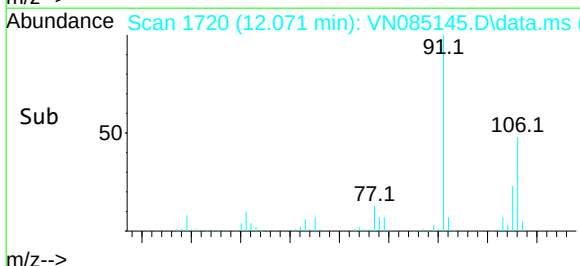
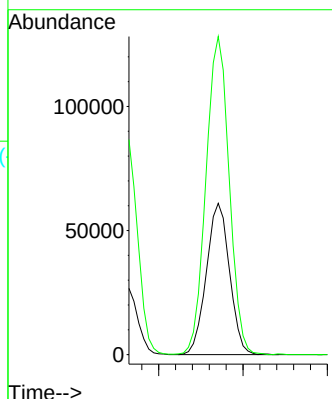
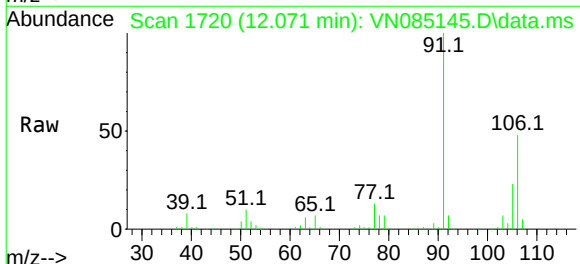
Acq: 09 Dec 2024 12:09

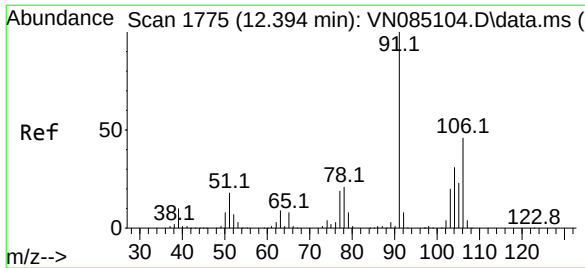
Tgt Ion:106 Resp: 116268

Ion Ratio Lower Upper

106 100

91 210.8 168.0 252.0





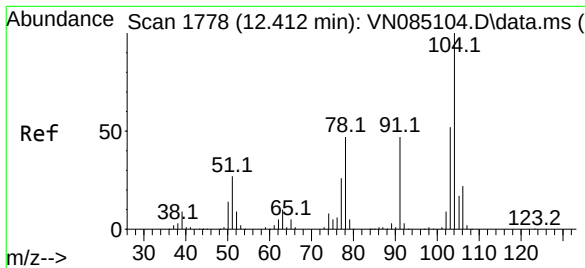
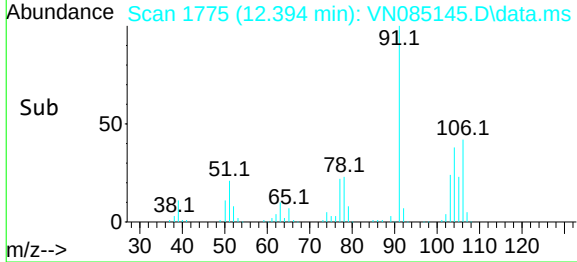
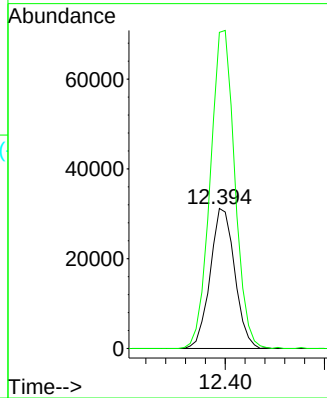
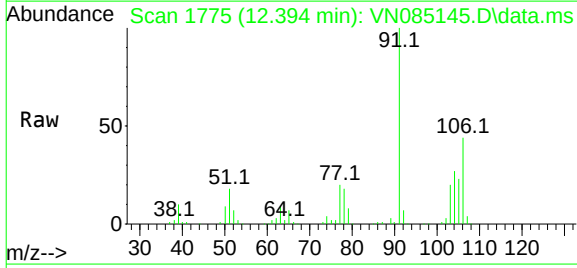
#69
o-Xylene
Concen: 19.780 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:106 Resp: 53545
Ion Ratio Lower Upper
106 100
91 227.2 110.7 331.9

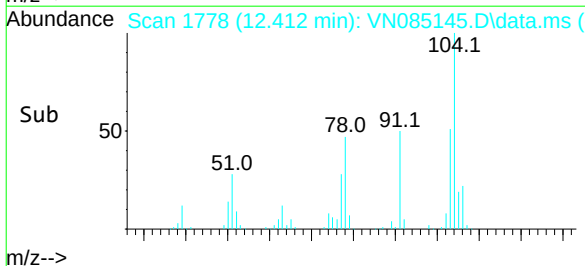
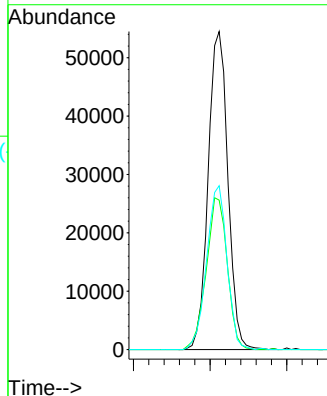
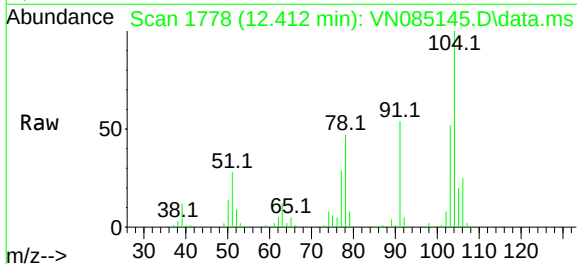
Manual Integrations
APPROVED

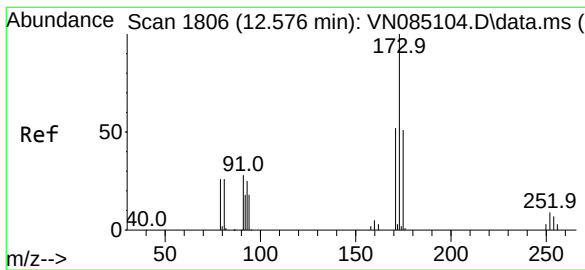
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#70
Styrene
Concen: 21.590 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion:104 Resp: 97192
Ion Ratio Lower Upper
104 100
78 51.0 42.3 63.5
103 53.2 44.2 66.2





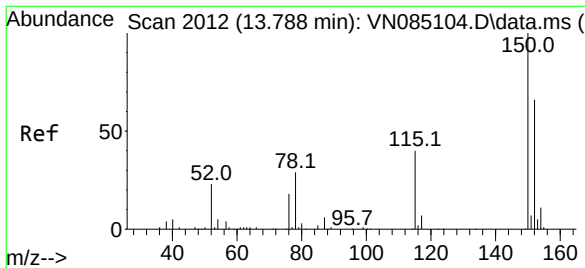
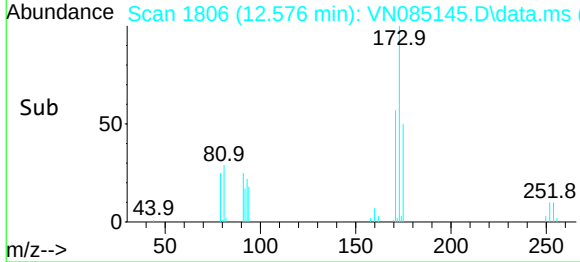
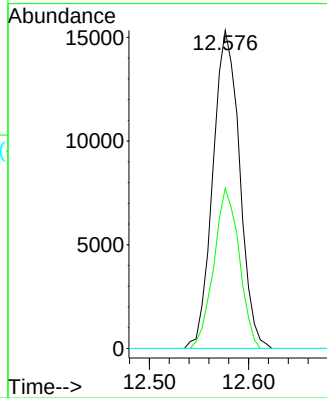
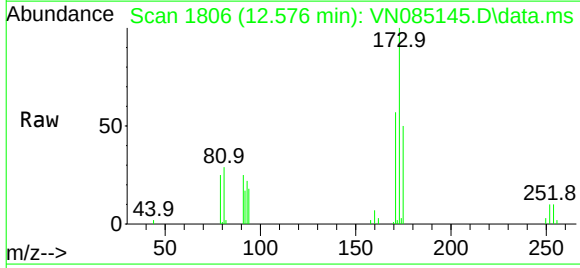
#71
Bromoform
Concen: 23.810 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.8	71.2
254	0.0	0.0	0.0

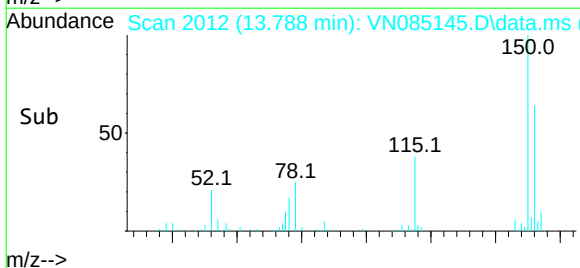
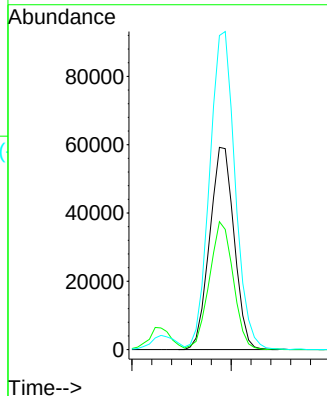
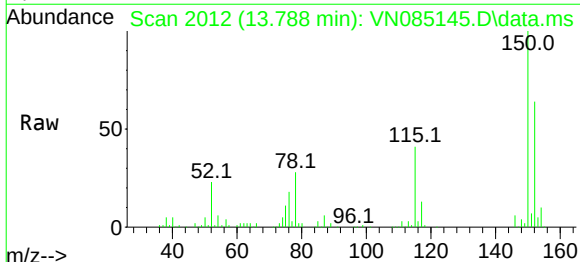
Manual Integrations
APPROVED

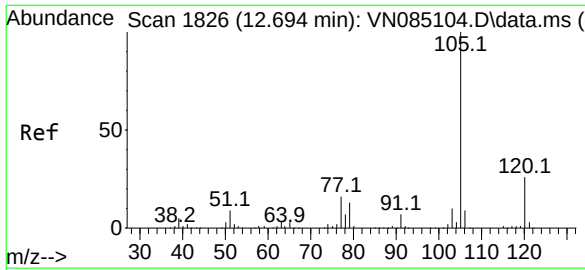
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.7	95.1
150	163.8	0.0	351.4





#73

Isopropylbenzene

Concen: 19.586 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 105 Resp: 140110

Ion Ratio Lower Upper

105 100

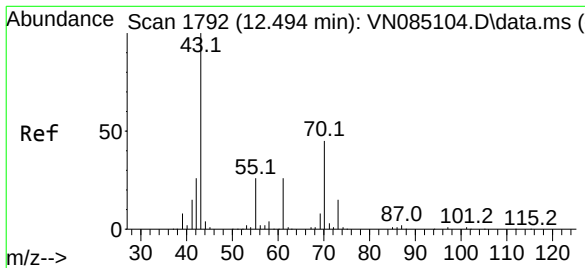
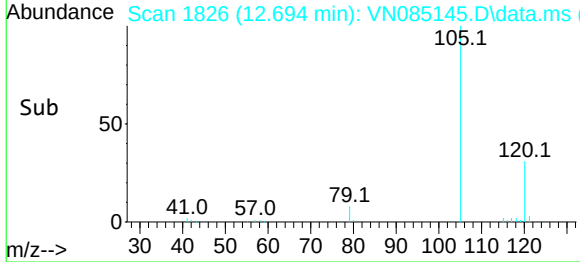
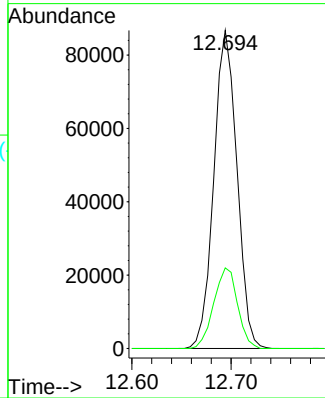
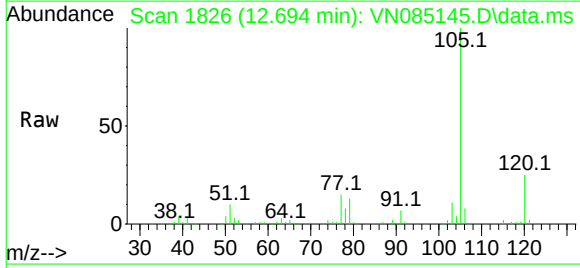
120 26.1 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#74

N-ethyl acetate

Concen: 20.951 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Tgt Ion: 43 Resp: 61760

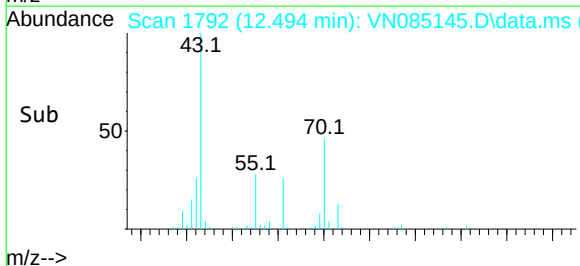
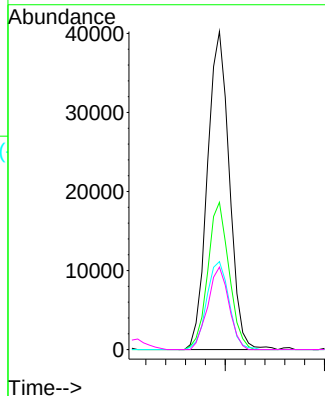
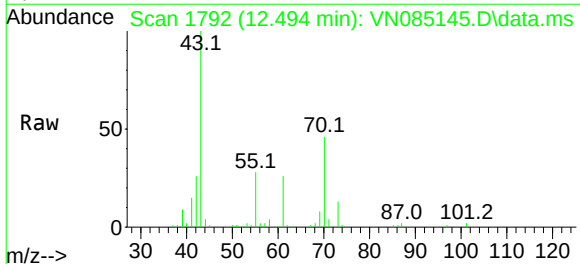
Ion Ratio Lower Upper

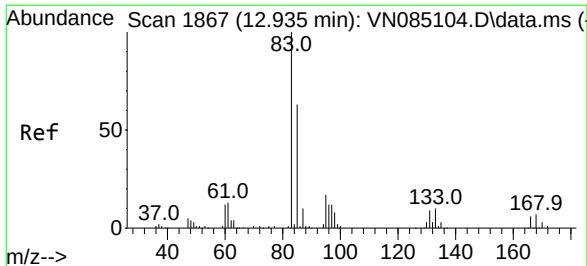
43 100

70 44.8 34.6 51.8

55 28.1 20.5 30.7

61 25.0 19.6 29.4





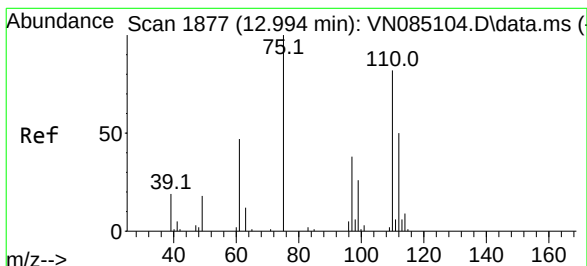
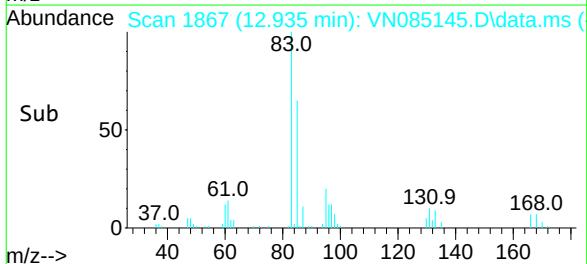
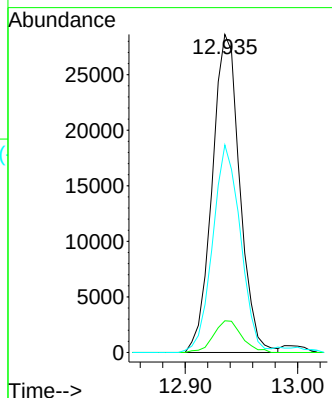
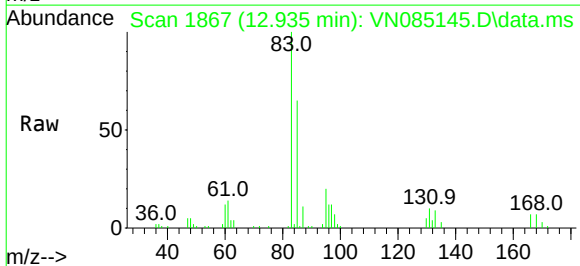
#75
1,1,2,2-Tetrachloroethane
Concen: 19.980 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion: 83	Resp: 48806
Ion Ratio	Lower Upper
83 100	
131 10.2	5.1 15.4
85 65.7	32.1 96.3

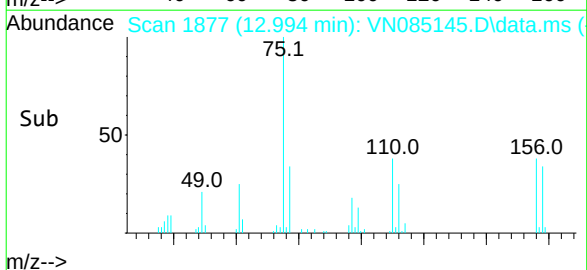
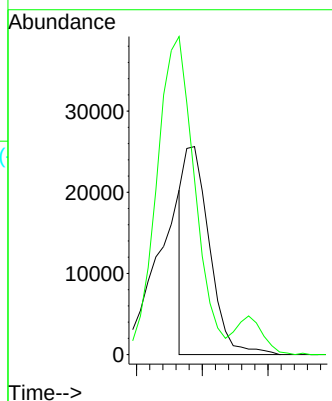
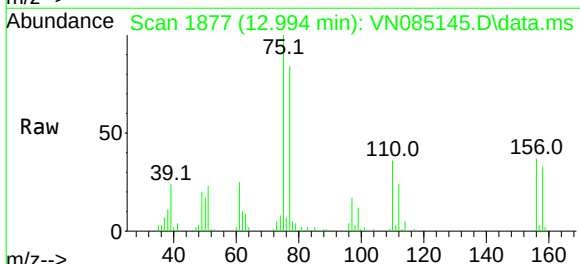
Manual Integrations
APPROVED

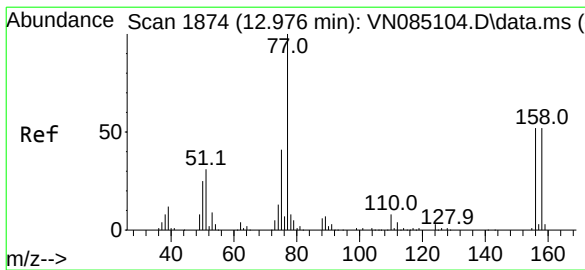
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#76
1,2,3-Trichloropropane
Concen: 18.756 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

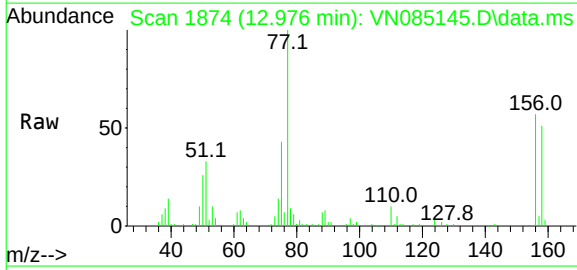
Tgt Ion: 75	Resp: 34594
Ion Ratio	Lower Upper
75 100	
77 227.5	109.1 327.4





#77
Bromobenzene
Concen: 19.352 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

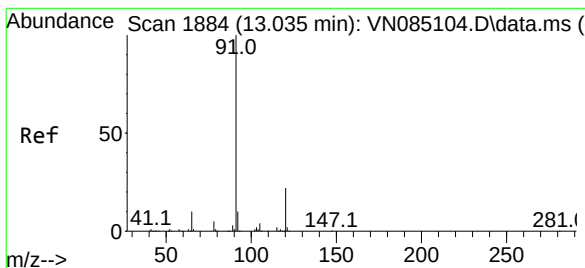
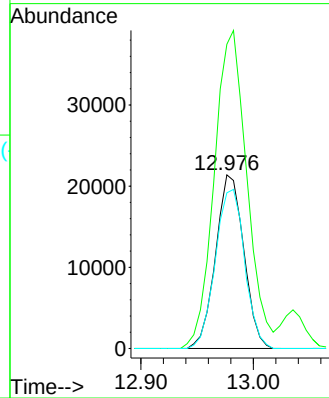
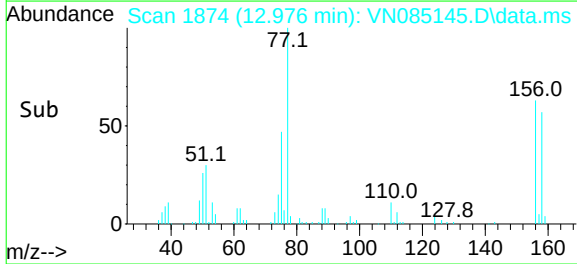
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 156 Resp: 37253
Ion Ratio Lower Upper
156 100
77 211.2 107.2 321.6
158 95.3 48.5 145.6

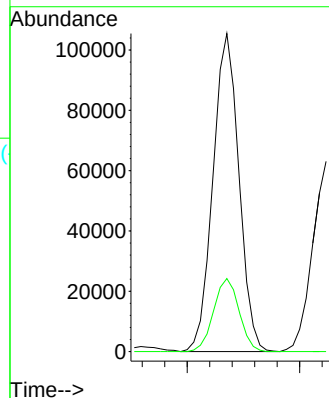
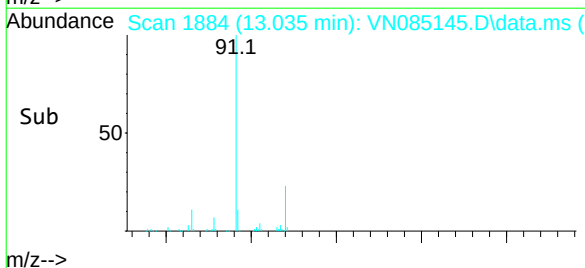
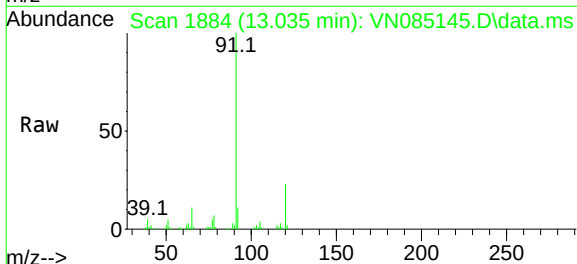
Manual Integrations
APPROVED

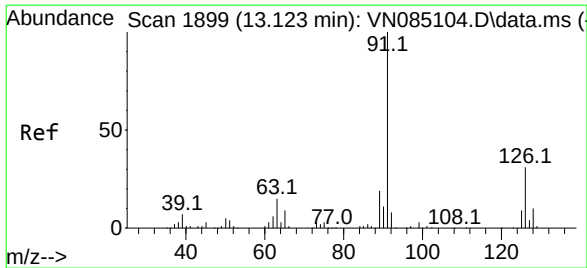
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#78
n-propylbenzene
Concen: 20.509 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion: 91 Resp: 169221
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





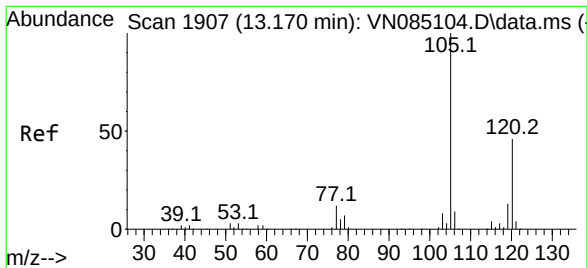
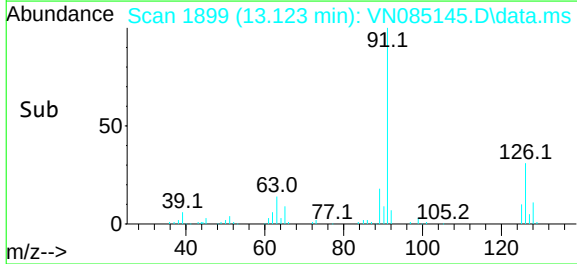
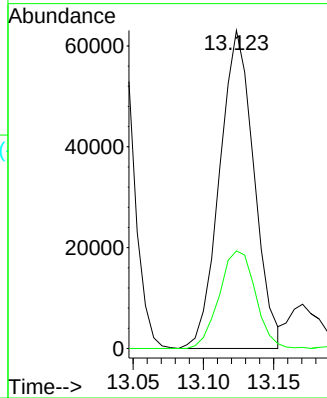
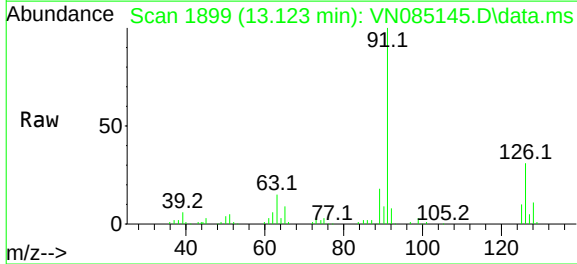
#79
2-Chlorotoluene
Concen: 19.479 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion: 91 Resp: 107288
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3

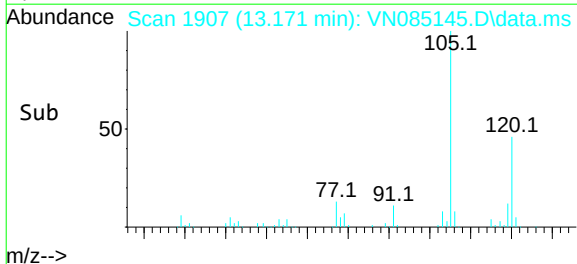
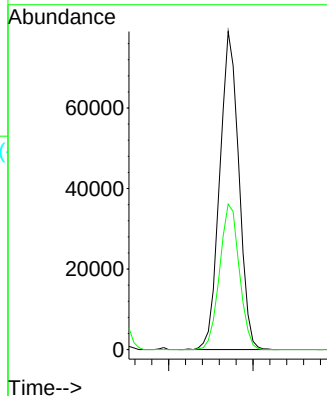
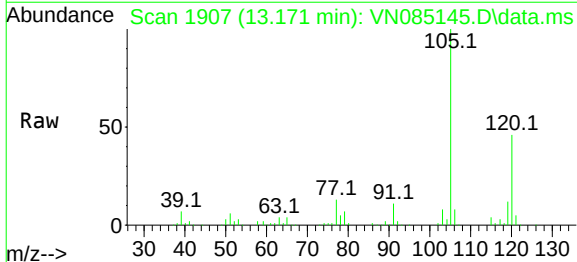
Manual Integrations
APPROVED

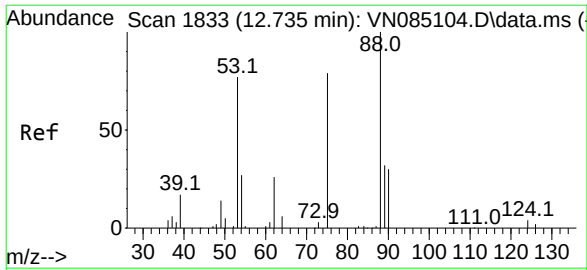
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.728 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

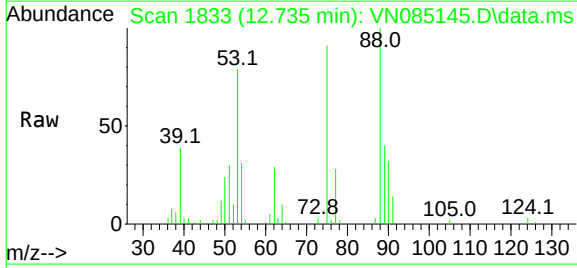
Tgt Ion:105 Resp: 124423
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.127 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

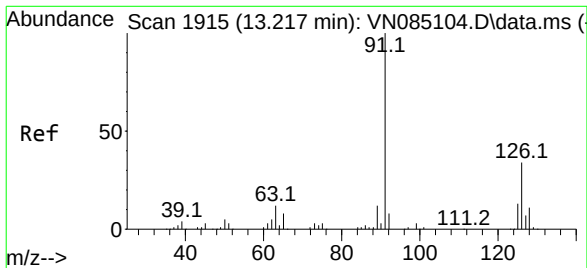
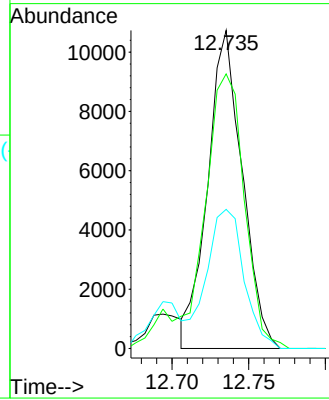
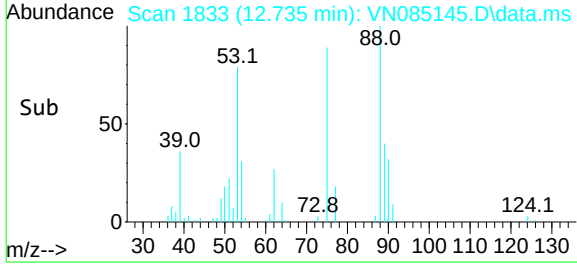
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 75 Resp: 16816
Ion Ratio Lower Upper
75 100
53 97.4 78.2 117.4
89 48.0 37.9 56.9

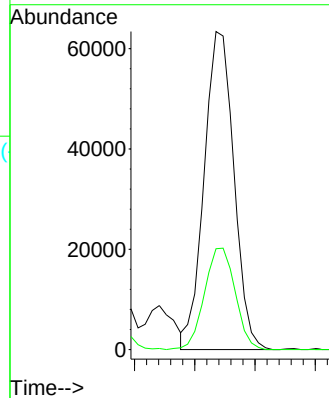
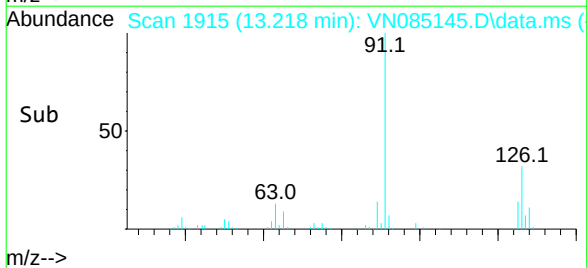
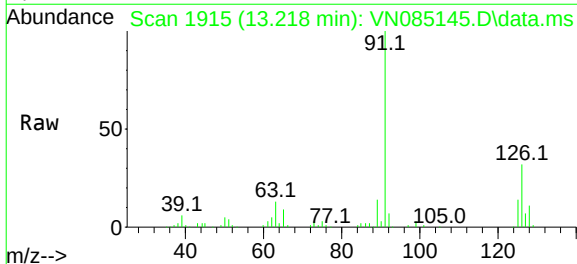
Manual Integrations
APPROVED

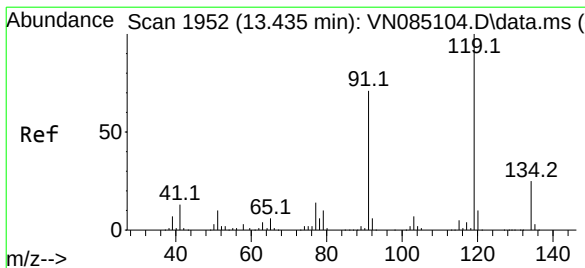
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#82
4-Chlorotoluene
Concen: 18.977 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

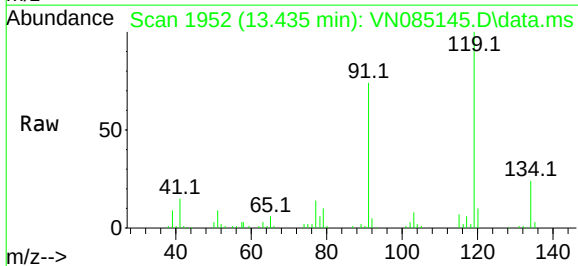
Tgt Ion: 91 Resp: 108808
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3





#83
tert-Butylbenzene
Concen: 19.900 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

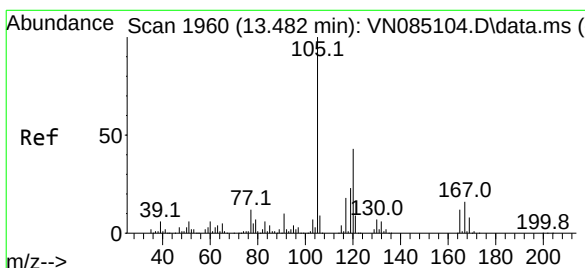
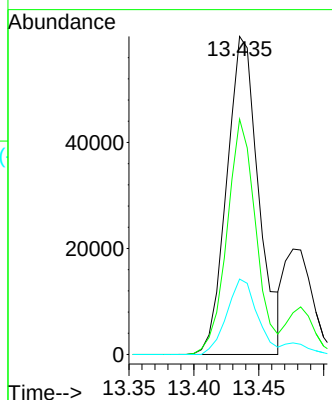
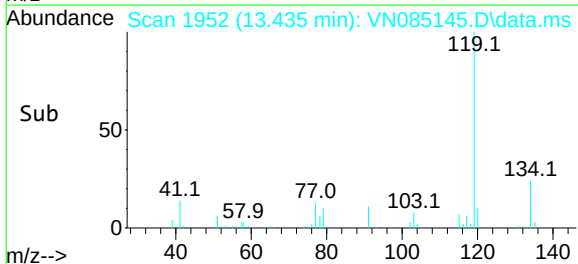
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



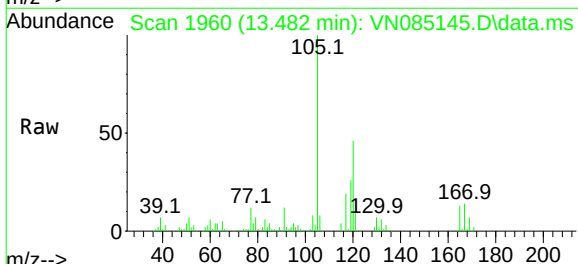
Tgt Ion:119 Resp: 102778
Ion Ratio Lower Upper
119 100
91 66.8 35.1 105.5
134 22.7 12.1 36.3

Manual Integrations
APPROVED

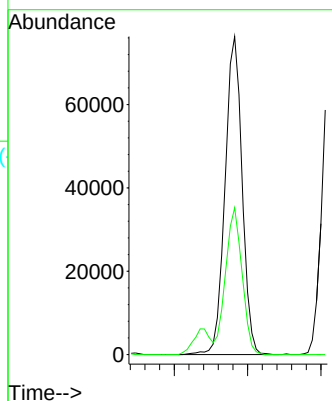
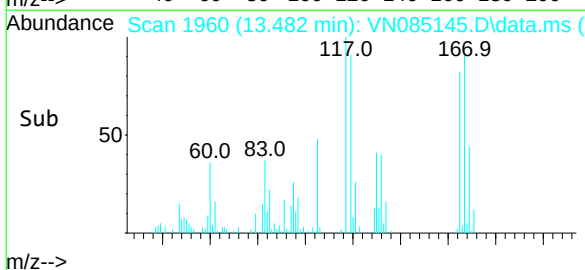
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

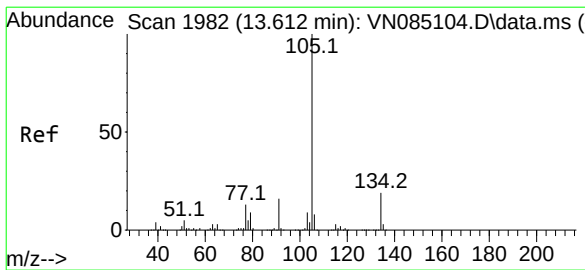


#84
1,2,4-Trimethylbenzene
Concen: 19.964 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09



Tgt Ion:105 Resp: 123353
Ion Ratio Lower Upper
105 100
120 44.8 21.8 65.4





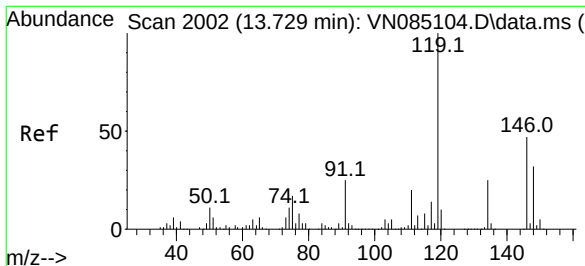
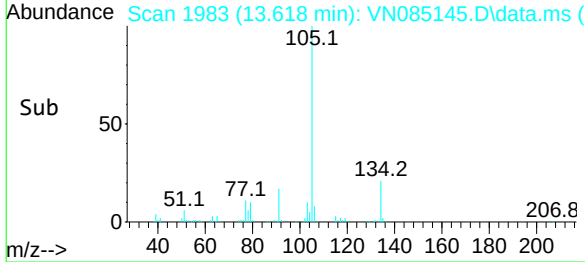
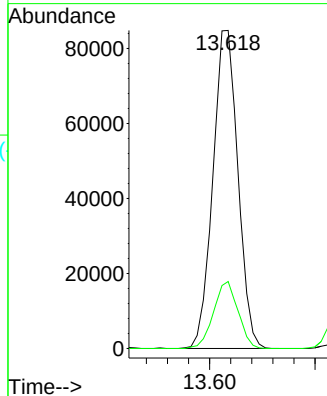
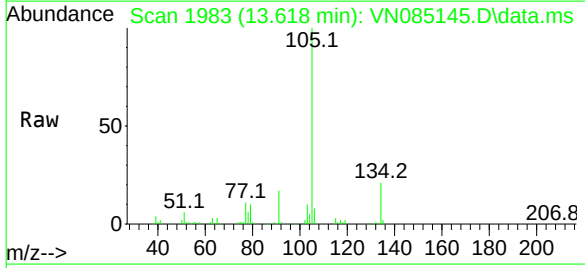
#85
sec-Butylbenzene
Concen: 20.061 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:105 Resp: 139963
Ion Ratio Lower Upper
105 100
134 20.6 9.8 29.3

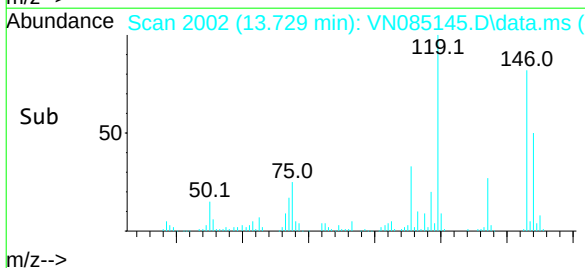
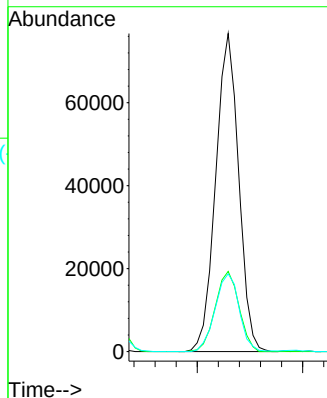
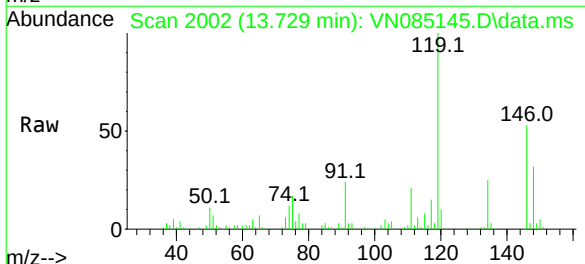
Manual Integrations
APPROVED

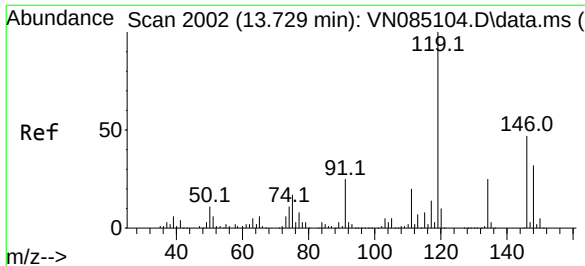
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#86
p-Isopropyltoluene
Concen: 20.140 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

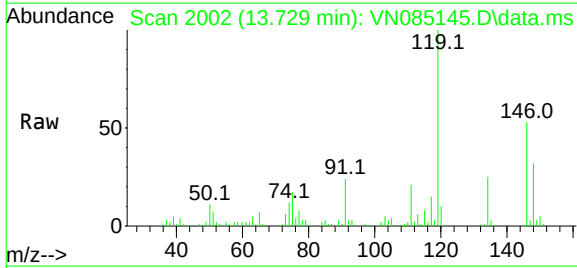
Tgt Ion:119 Resp: 115995
Ion Ratio Lower Upper
119 100
134 26.1 13.0 39.0
91 25.6 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 17.948 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

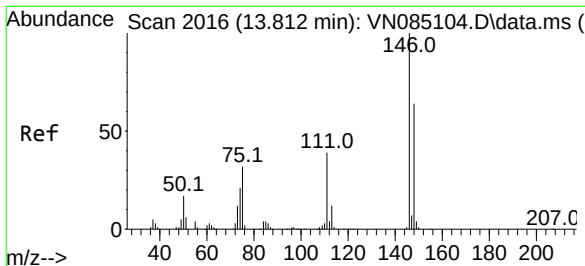
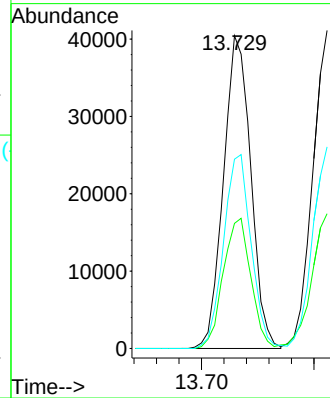
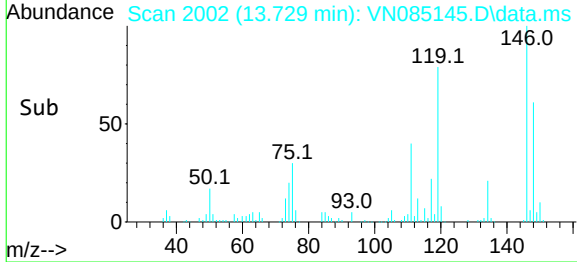
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



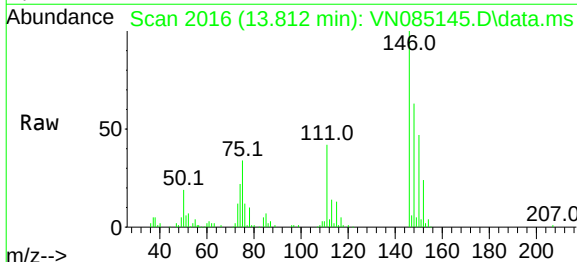
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.6	65.0
148	62.7	32.2	96.6

Manual Integrations
APPROVED

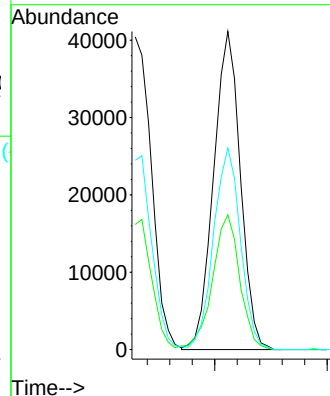
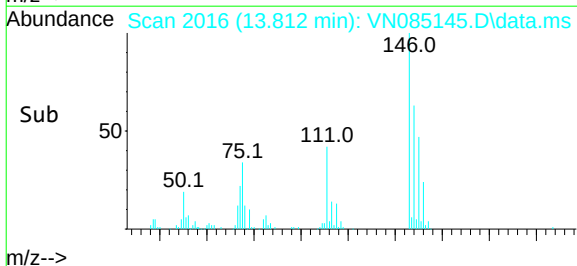
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

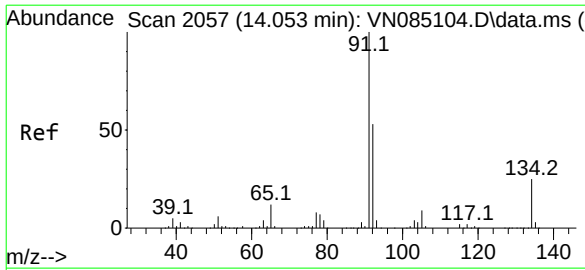


#88
1,4-Dichlorobenzene
Concen: 17.582 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09



Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.9	62.8
148	63.6	31.3	93.9





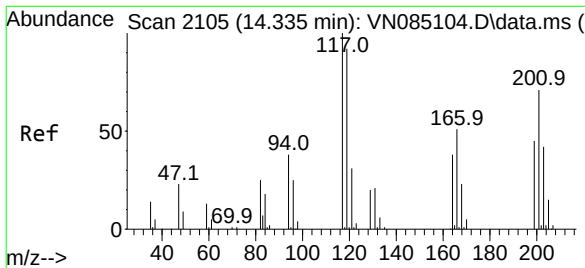
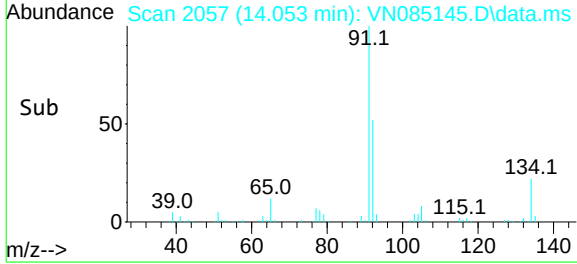
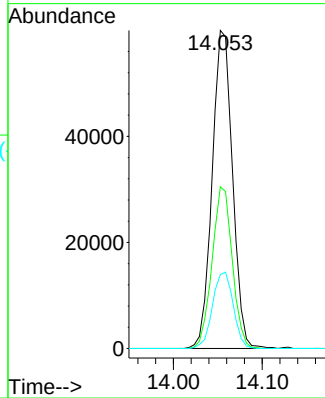
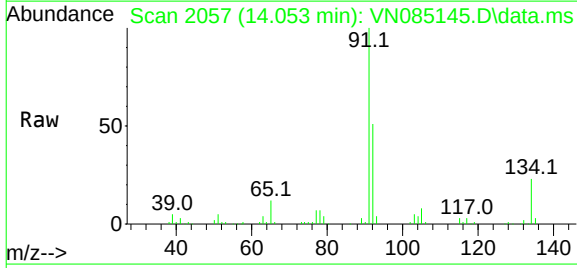
#89
n-Butylbenzene
Concen: 17.833 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:	91	Resp:	95516
Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.8	80.3
134	24.4	12.8	38.4

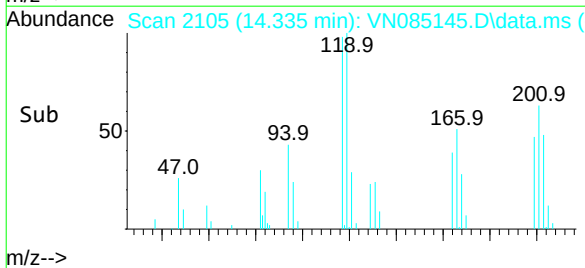
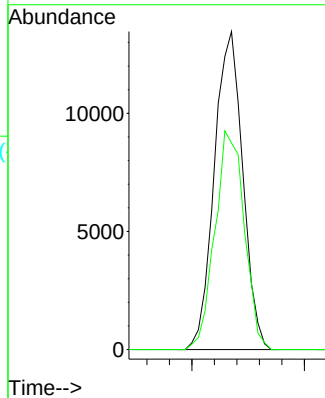
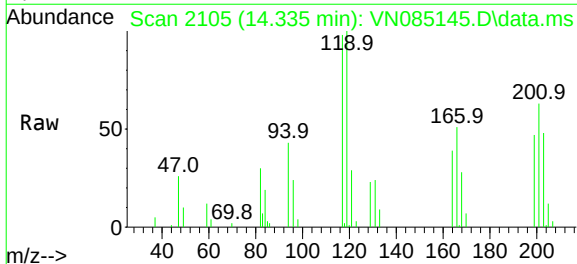
Manual Integrations
APPROVED

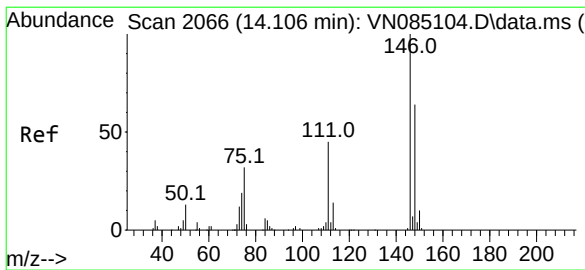
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#90
Hexachloroethane
Concen: 18.846 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion:	117	Resp:	23660
Ion	Ratio	Lower	Upper
117	100		
201	70.8	35.2	105.6





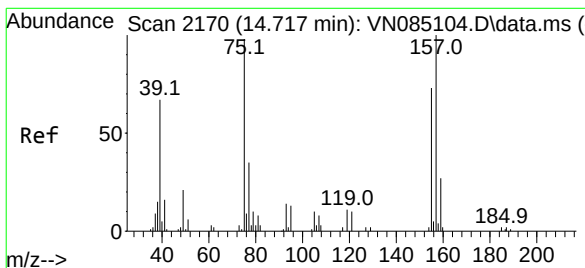
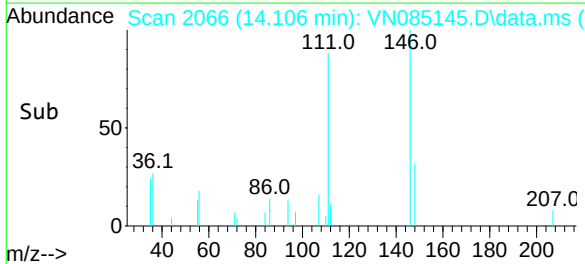
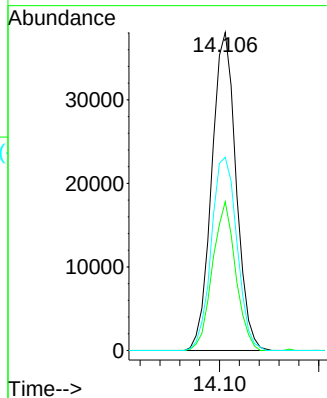
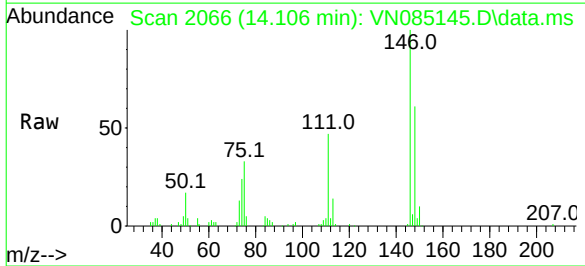
#91
1,2-Dichlorobenzene
Concen: 17.846 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:146 Resp: 64932
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.8
148 64.0 31.1 93.2

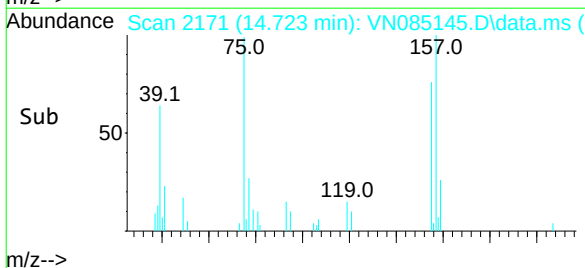
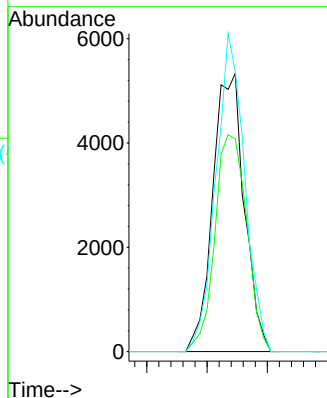
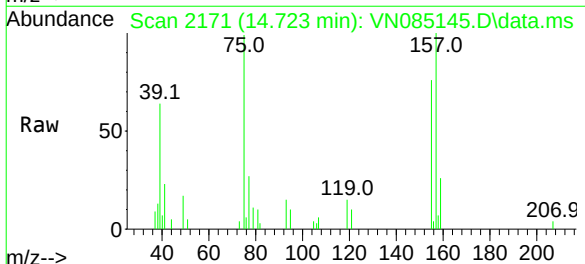
Manual Integrations
APPROVED

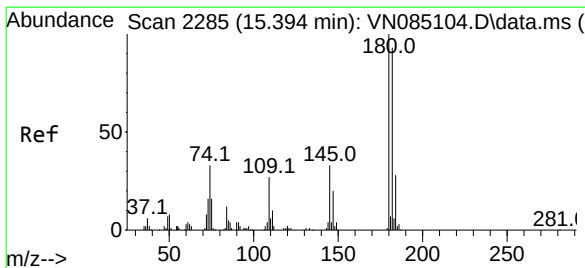
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.468 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN085145.D
Acq: 09 Dec 2024 12:09

Tgt Ion: 75 Resp: 9668
Ion Ratio Lower Upper
75 100
155 79.1 38.9 116.7
157 104.5 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 15.812 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

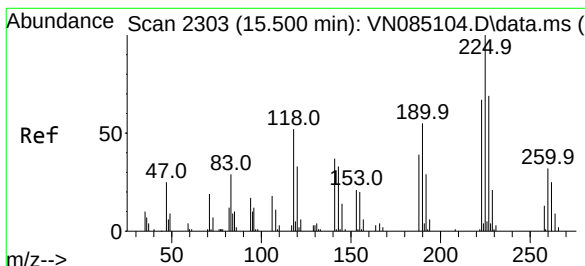
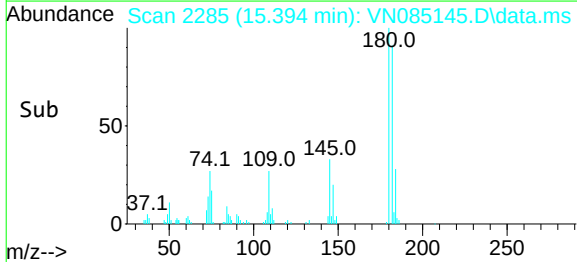
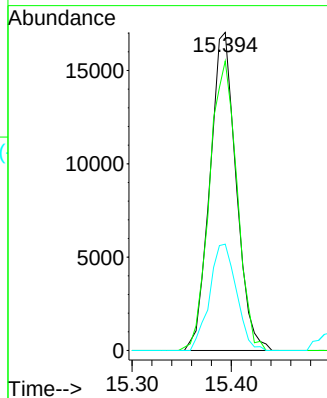
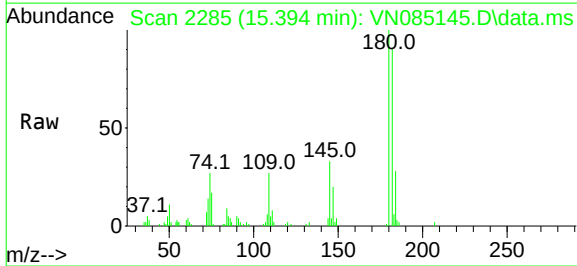
Tgt Ion:	180	Resp:	31255
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.9	140.8
145	34.2	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#94

Hexachlorobutadiene

Concen: 17.760 ug/l

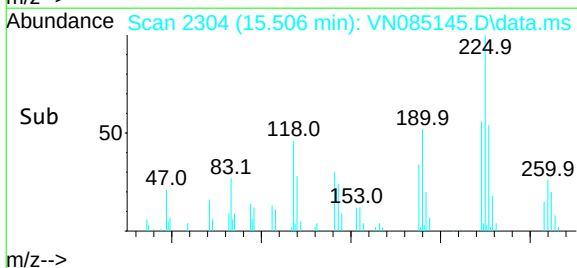
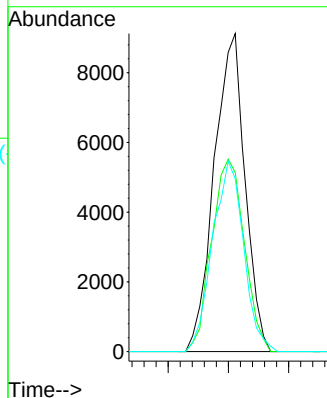
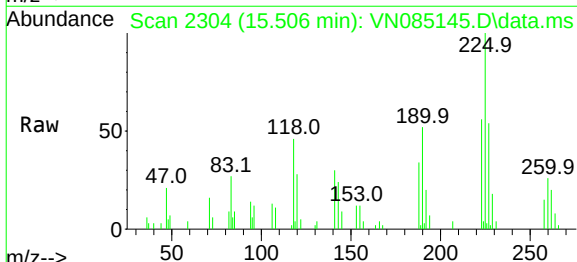
RT: 15.506 min Scan# 2304

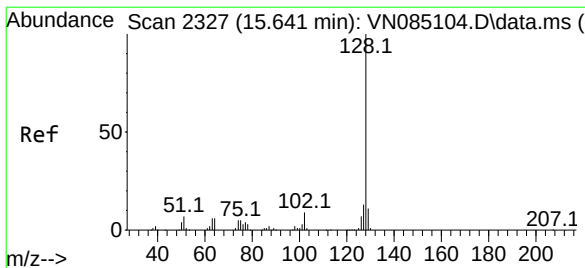
Delta R.T. 0.006 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Tgt Ion:	225	Resp:	16202
Ion Ratio	Lower	Upper	
225	100		
223	64.3	30.9	92.8
227	60.5	31.5	94.5





#95

Naphthalene

Concen: 17.440 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

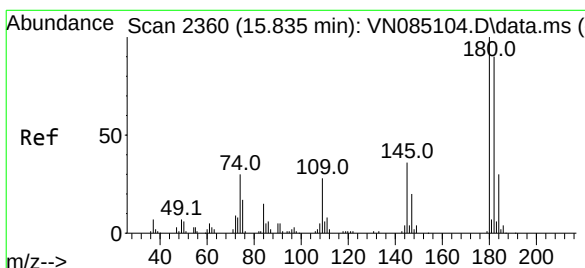
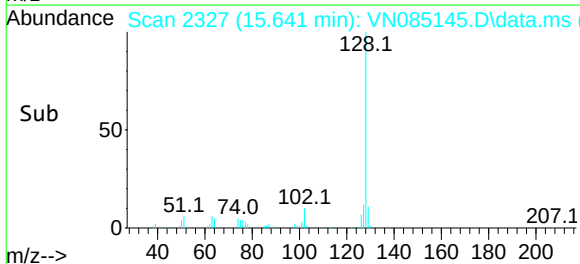
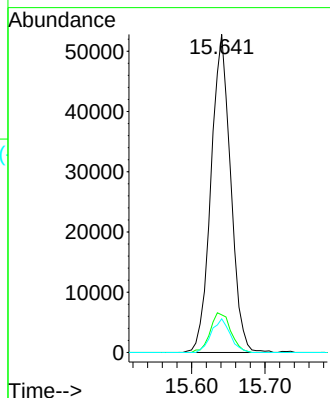
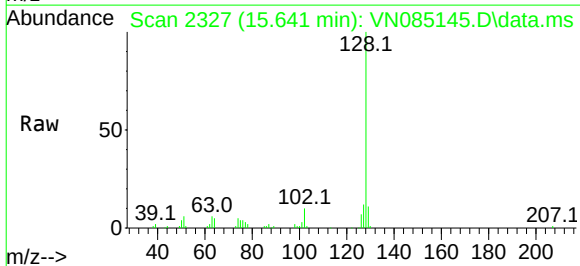
Tgt Ion:	128	Resp:	98185
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 16.735 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085145.D

Acq: 09 Dec 2024 12:09

Tgt Ion:	180	Resp:	31563
Ion Ratio	Lower	Upper	
180	100		
182	92.5	46.4	139.2
145	33.9	17.3	52.0

