

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067456.D
 Acq On : 23 Jun 2021 14:50
 Operator : JC/MD
 Sample : M2802-01
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 24 05:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	277533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	579806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	517035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	247544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	268978	49.129	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.260%
35) Dibromofluoromethane	8.019	113	175028	45.389	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.780%
50) Toluene-d8	10.443	98	805359	54.490	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.980%
62) 4-Bromofluorobenzene	12.733	95	365168	59.868	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.740%

Target Compounds				Qvalue		
3) Chloromethane	2.290	50	1013	0.240	ug/l	92
5) Bromomethane	2.869	94	443	0.253	ug/l #	10
10) Methyl Iodide	4.385	142	213	6.796	ug/l #	61
11) Tert butyl alcohol	5.471	59	1342	1.489	ug/l #	71
13) Acrolein	4.170	56	18205	32.359	ug/l #	41
14) Allyl chloride	5.087	41	217146	29.402	ug/l #	45
15) Acrylonitrile	5.559	53	4729	2.391	ug/l #	1
16) Acetone	4.304	43	102451	48.762	ug/l	97
18) Methyl Acetate	5.085	43	518063	101.691	ug/l #	54
20) Methylene Chloride	5.063	84	2918	0.667	ug/l #	63
25) 2-Butanone	7.300	43	14431	4.807	ug/l #	51
26) 2,2-Dichloropropane	7.123	77	3610	0.466	ug/l #	57
29) Tetrahydrofuran	7.702	42	1141	0.603	ug/l #	56
31) Cyclohexane	8.062	56	1173151	157.623	ug/l #	55
36) 1,1-Dichloropropene	8.080	75	34902	5.369	ug/l #	72
38) Carbon Tetrachloride	8.086	117	35874	5.135	ug/l #	17
39) Methylcyclohexane	9.456	83	1335700	194.157	ug/l	97
40) Benzene	8.453	78	446116	24.590	ug/l	99
41) Methacrylonitrile	7.764	41	2654	0.741	ug/l #	22
43) Isopropyl Acetate	8.547	43	485923	39.312	ug/l #	58
45) 1,2-Dichloropropane	9.453	63	17355	3.587	ug/l #	1
47) Bromodichloromethane	9.738	83	23179	3.139	ug/l #	33
48) Methyl methacrylate	9.588	41	53786	9.543	ug/l #	12
51) 4-Methyl-2-Pentanone	10.371	43	85113	11.960	ug/l #	83
53) t-1,3-Dichloropropene	10.510	75	372130	45.507	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	319914	72.528	ug/l #	20
56) Ethyl methacrylate	10.781	69	78636	9.916	ug/l #	4
58) 2-Chloroethyl Vinyl ether	10.019	63	3363	1.457	ug/l #	50
59) 2-Hexanone	11.052	43	420605	80.672	ug/l #	33
65) Chlorobenzene	11.666	112	4763	0.423	ug/l #	44
67) Ethyl Benzene	11.848	91	3268408	146.901	ug/l	99
68) m/p-Xylenes	11.953	106	3998811	505.596	ug/l	99
69) o-Xylene	12.283	106	1880528	243.086	ug/l	98
70) Styrene	12.286	104	103605	8.057	ug/l #	1
71) Bromoform	12.736	173	1408	0.440	ug/l #	1
73) Isopropylbenzene	12.583	105	671525	28.271	ug/l	100

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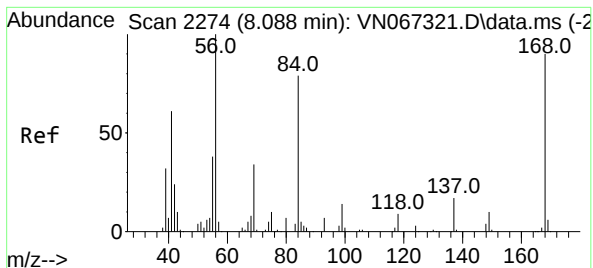
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) N-amyl acetate	12.369	43	944225	81.424	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.768	83	20602	2.909	ug/l #	1
76) 1,2,3-Trichloropropane	12.924	75	22175	3.450	ug/l #	100
78) n-propylbenzene	12.924	91	3011740	106.603	ug/l	97
79) 2-Chlorotoluene	12.986	91	933963	53.091	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.061	105	3535016	176.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.583	75	10200	3.932	ug/l #	33
82) 4-Chlorotoluene	13.061	91	455017	25.978	ug/l #	49
83) tert-Butylbenzene	13.372	119	1408134	88.381	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.372	105	12365537	625.517	ug/l	99
85) sec-Butylbenzene	13.506	105	862364	38.229	ug/l	83
86) p-Isopropyltoluene	13.619	119	557071	30.598	ug/l	98
89) n-Butylbenzene	13.946	91	1354039	79.153	ug/l #	80
90) Hexachloroethane	14.219	117	277754	78.014	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.579	75	24111	13.620	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.265	180	3184	0.737	ug/l #	1
95) Naphthalene	15.507	128	1399103	90.807	ug/l	98
96) 1,2,3-Trichlorobenzene	15.673	180	9930	2.393	ug/l #	1

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

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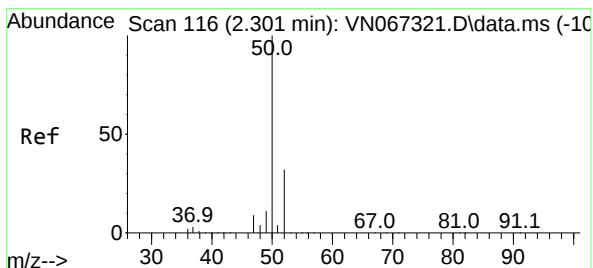
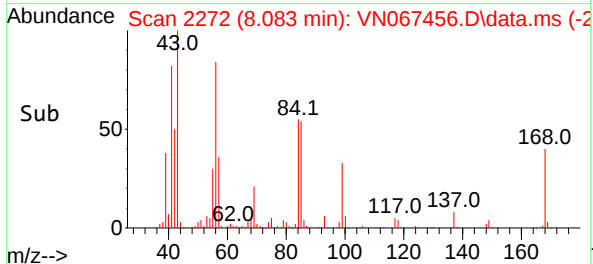
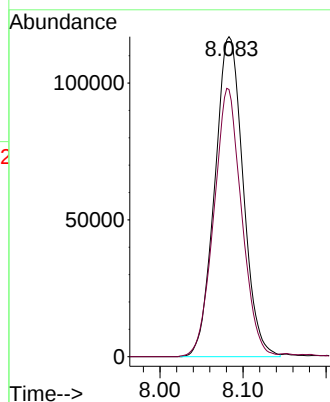
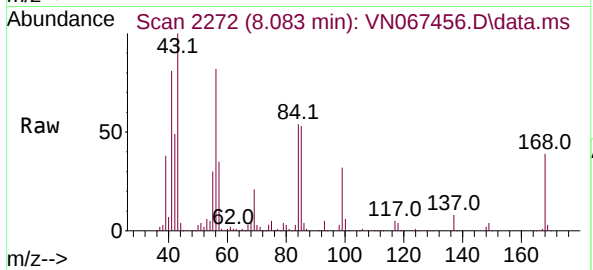




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.005 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

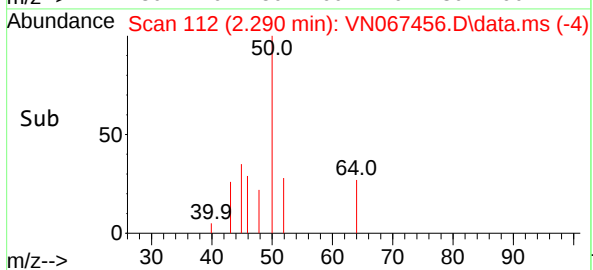
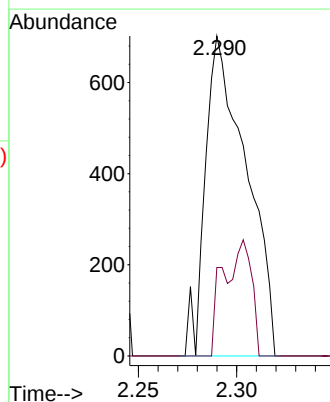
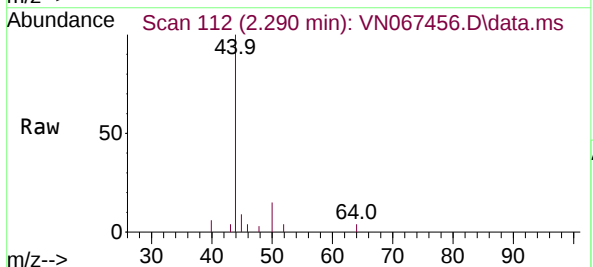
Instrument :
MSVOA_N
ClientSampled :

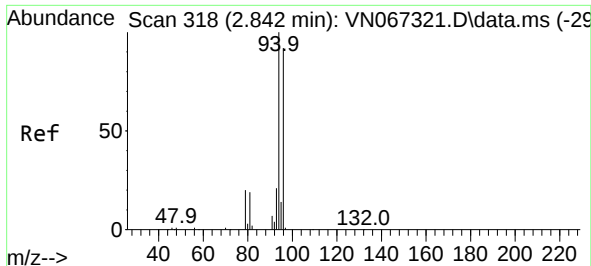
Tgt Ion:168 Resp: 277533
Ion Ratio Lower Upper
168 100
99 83.3 62.9 94.3



#3
Chloromethane
Concen: 0.240 ug/l
RT: 2.290 min Scan# 112
Delta R.T. -0.011 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 50 Resp: 1013
Ion Ratio Lower Upper
50 100
52 27.6 25.6 38.4

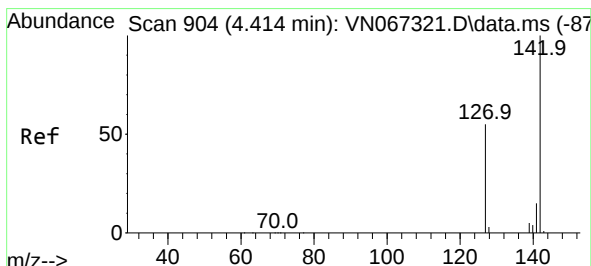
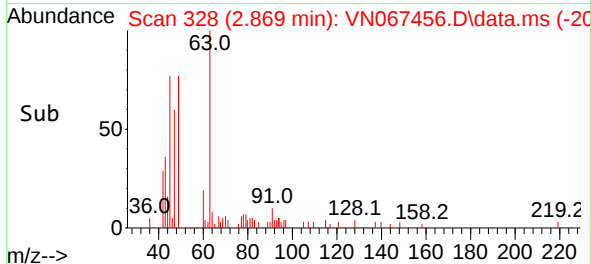
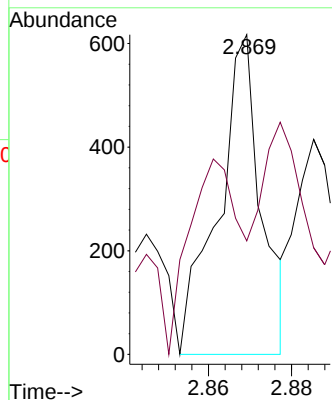
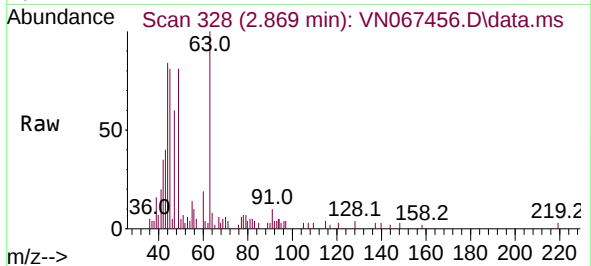




#5
Bromomethane
Concen: 0.253 ug/l
RT: 2.869 min Scan# 328
Delta R.T. 0.027 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

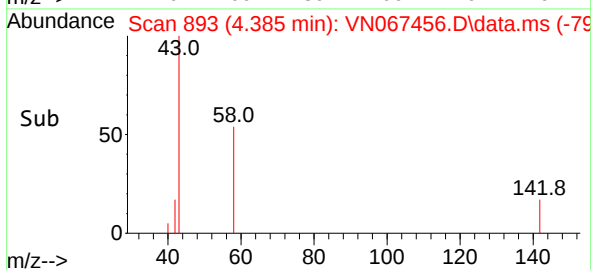
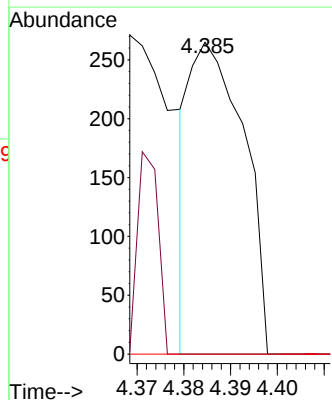
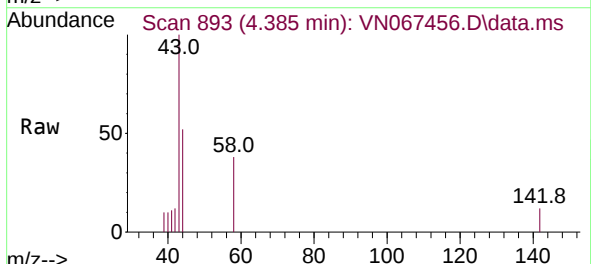
Instrument :
MSVOA_N
ClientSampleId :

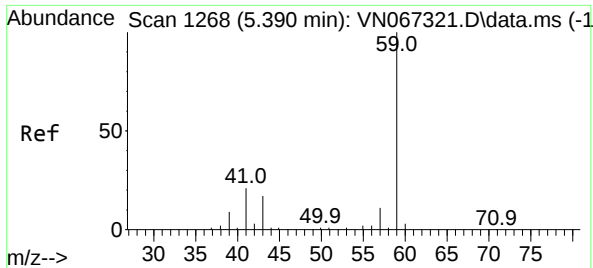
Tgt Ion: 94 Resp: 443
Ion Ratio Lower Upper
94 100
96 5.8 73.7 110.5#



#10
Methyl Iodide
Concen: 6.796 ug/l
RT: 4.385 min Scan# 893
Delta R.T. -0.029 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion:142 Resp: 213
Ion Ratio Lower Upper
142 100
127 24.9 43.1 64.7#
141 0.0 11.4 17.0#

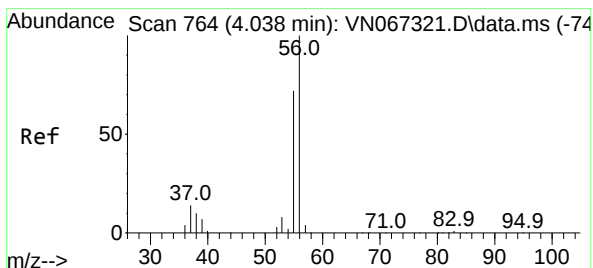
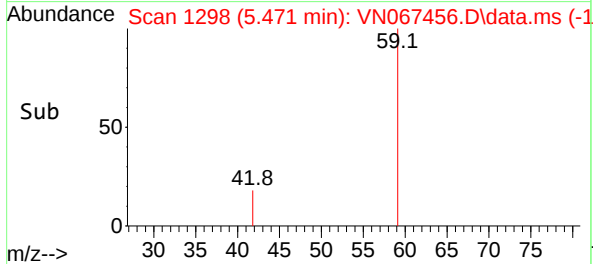
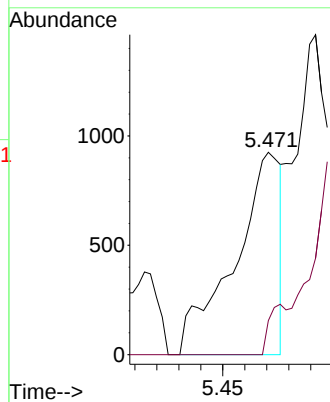
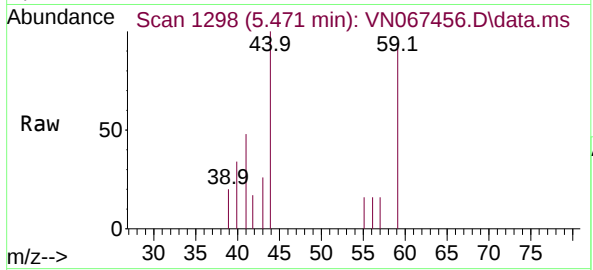




#11
Tert butyl alcohol
Concen: 1.489 ug/l
RT: 5.471 min Scan# 1298
Delta R.T. 0.081 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

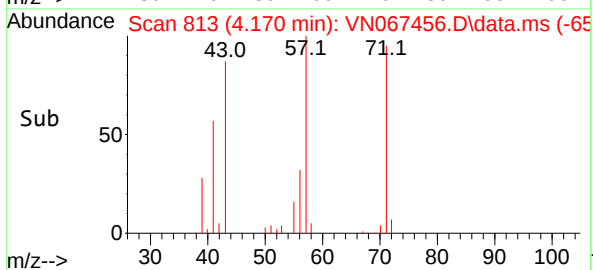
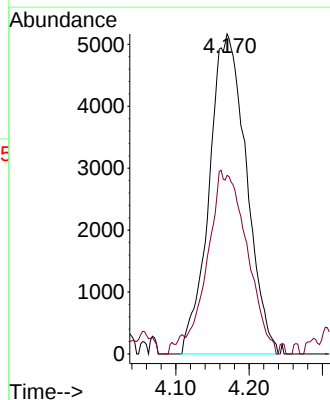
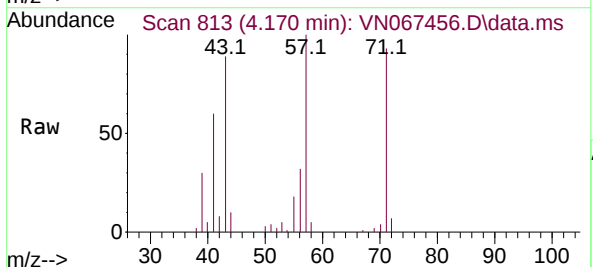
Instrument :
MSVOA_N
ClientSampled :

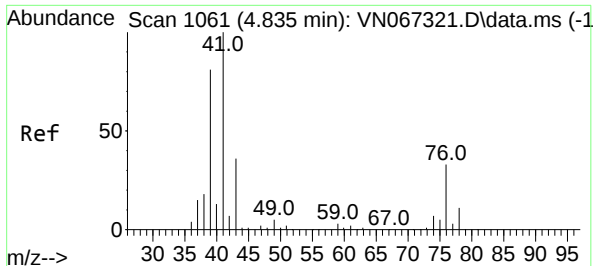
Tgt Ion: 59 Resp: 1342
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 32.359 ug/l
RT: 4.170 min Scan# 813
Delta R.T. 0.132 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 56 Resp: 18205
Ion Ratio Lower Upper
56 100
55 22.8 57.4 86.0#





#14

Allyl chloride

Concen: 29.402 ug/l

RT: 5.087 min Scan# 1155

Delta R.T. 0.252 min

Lab File: VN067456.D

Acq: 23 Jun 2021 14:50

Tgt Ion: 41 Resp: 217146

Ion Ratio Lower Upper

41 100

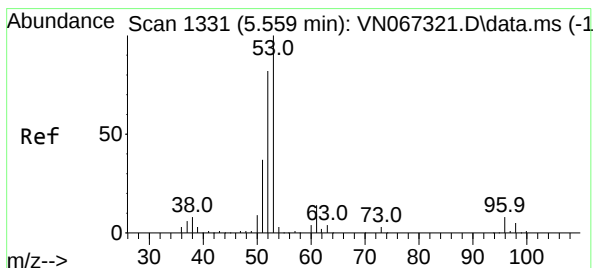
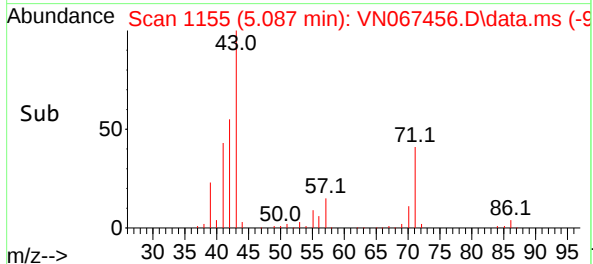
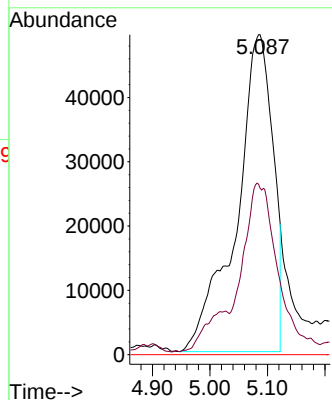
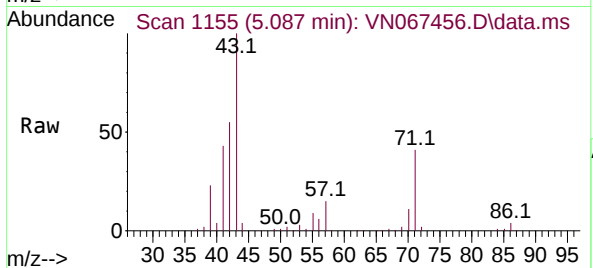
39 28.7 60.9 91.3#

76 0.0 24.3 36.5#

Instrument :

MSVOA_N

ClientSampled :



#15

Acrylonitrile

Concen: 2.391 ug/l

RT: 5.559 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VN067456.D

Acq: 23 Jun 2021 14:50

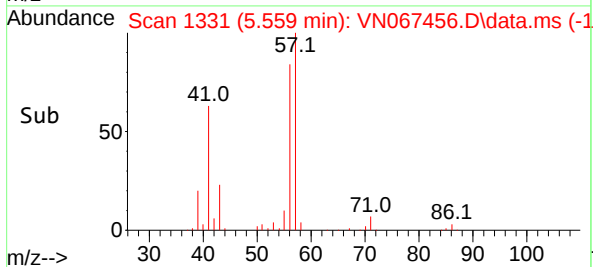
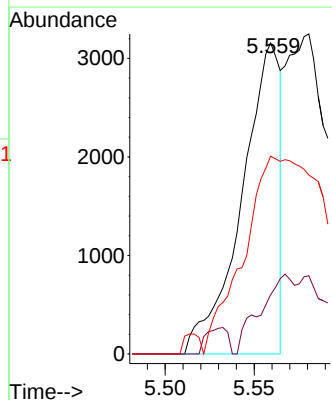
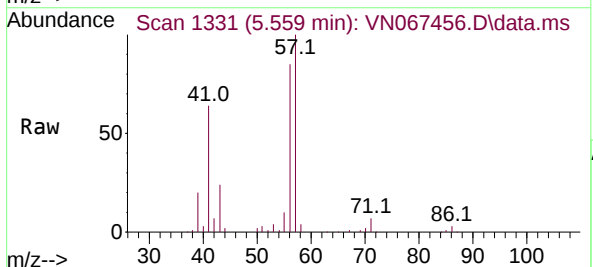
Tgt Ion: 53 Resp: 4729

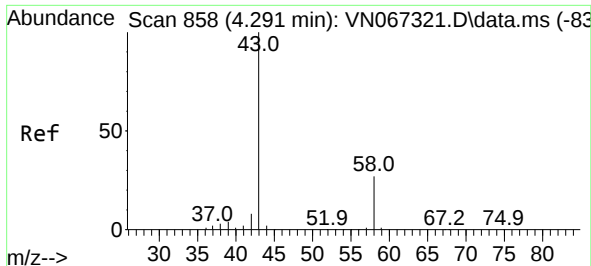
Ion Ratio Lower Upper

53 100

52 22.4 66.2 99.2#

51 148.8 30.2 45.4#

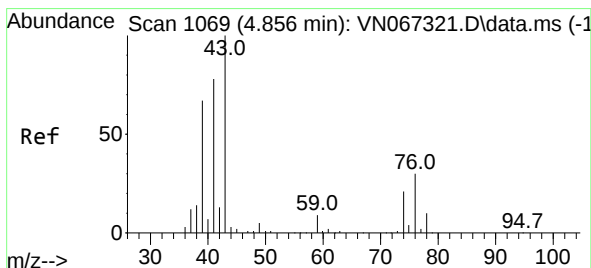
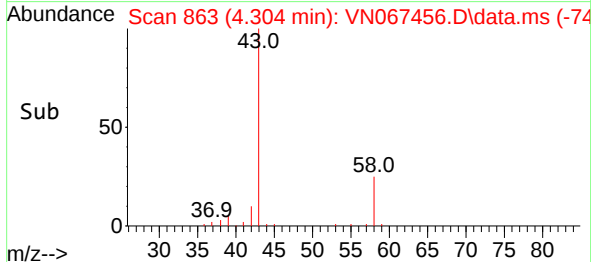
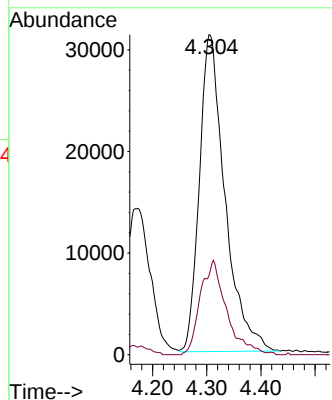
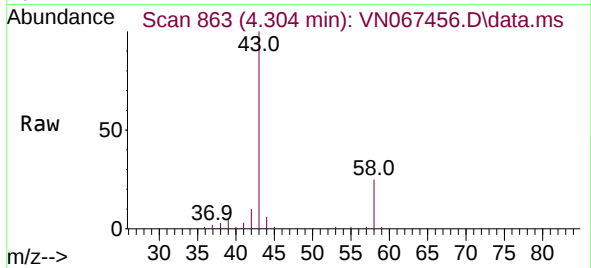




#16
Acetone
Concen: 48.762 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

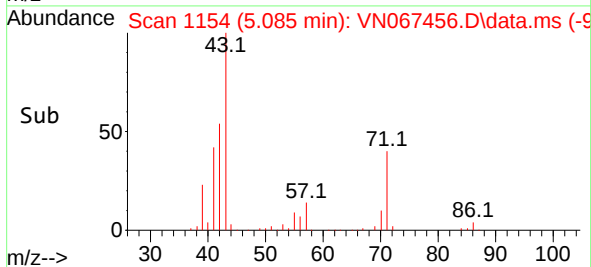
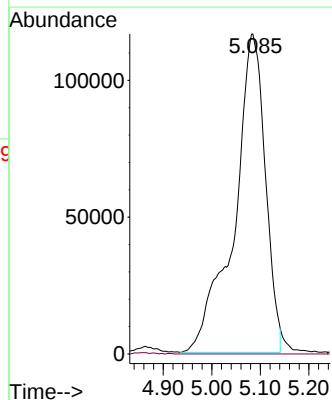
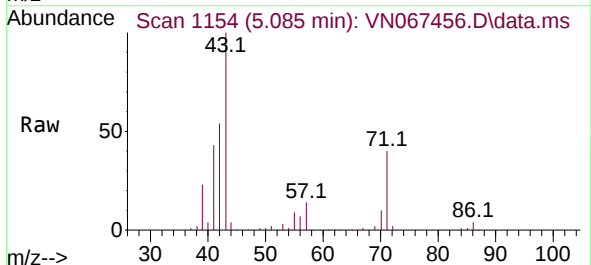
Instrument :
MSVOA_N
ClientSampled :

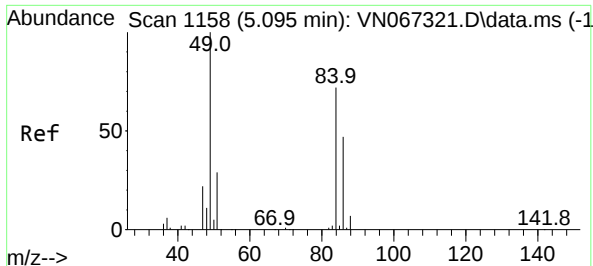
Tgt Ion: 43 Resp: 102451
Ion Ratio Lower Upper
43 100
58 25.1 21.2 31.8



#18
Methyl Acetate
Concen: 101.691 ug/l
RT: 5.085 min Scan# 1154
Delta R.T. 0.229 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 43 Resp: 518063
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#





#20

Methylene Chloride

Concen: 0.667 ug/l

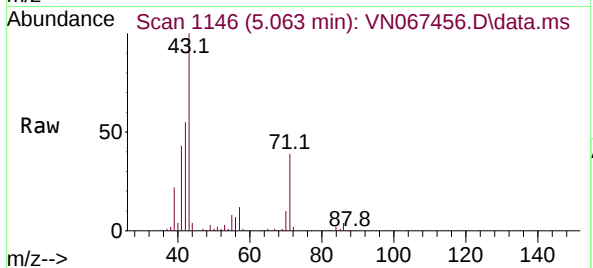
RT: 5.063 min Scan# 1146

Delta R.T. -0.032 min

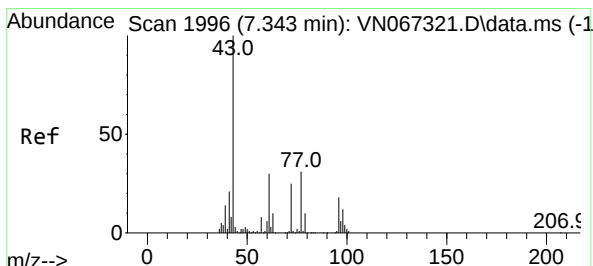
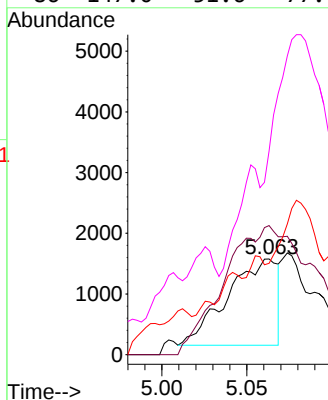
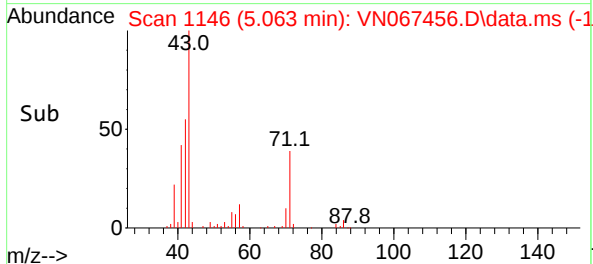
Lab File: VN067456.D

Acq: 23 Jun 2021 14:50

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	84	Resp:	2918
Ion	Ratio	Lower	Upper
84	100		
49	149.8	110.9	166.3
51	55.3	32.6	49.0#
86	147.0	51.6	77.4#



#25

2-Butanone

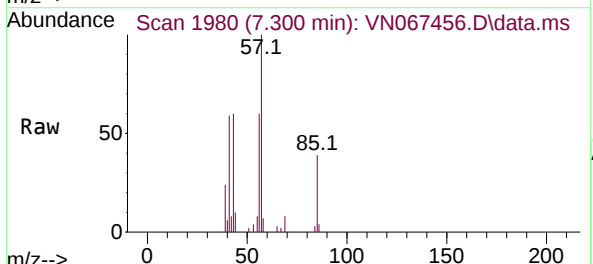
Concen: 4.807 ug/l

RT: 7.300 min Scan# 1980

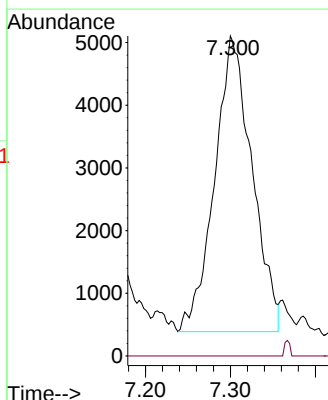
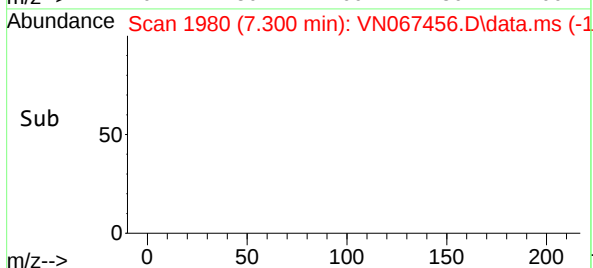
Delta R.T. -0.043 min

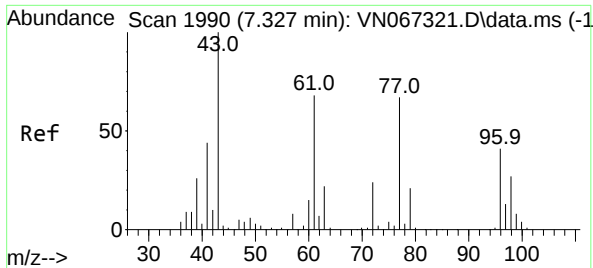
Lab File: VN067456.D

Acq: 23 Jun 2021 14:50



Tgt Ion:	43	Resp:	14431
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.7	29.5#

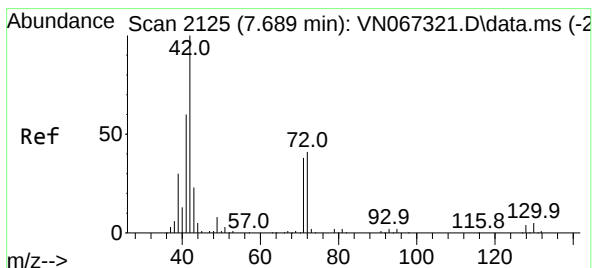
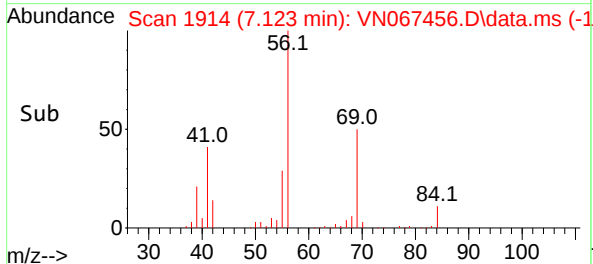
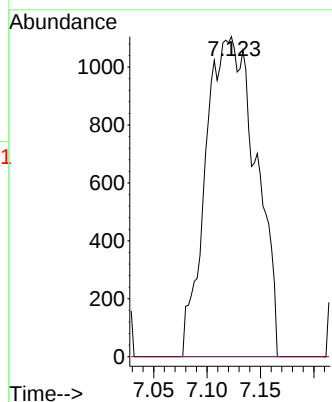
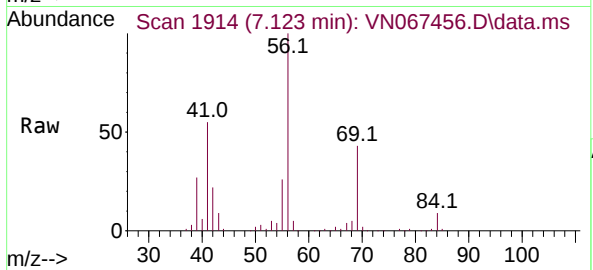




#26
2,2-Dichloropropane
Concen: 0.466 ug/l
RT: 7.123 min Scan# 1914
Delta R.T. -0.204 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

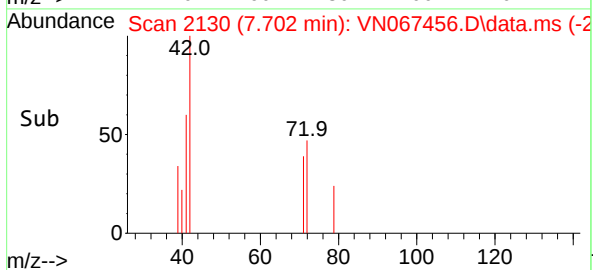
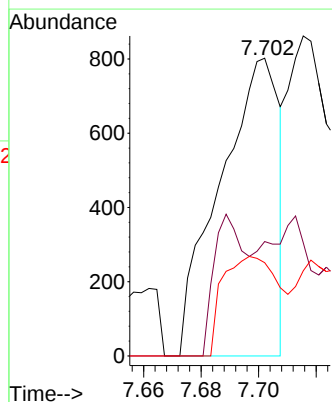
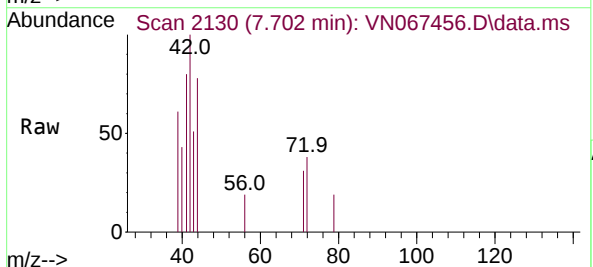
Instrument :
MSVOA_N
ClientSampled :

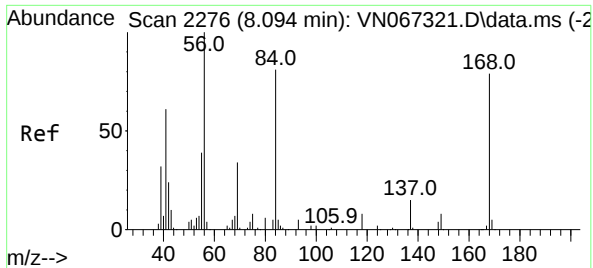
Tgt Ion: 77 Resp: 3610
Ion Ratio Lower Upper
77 100
97 0.0 9.8 29.3#



#29
Tetrahydrofuran
Concen: 0.603 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.013 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

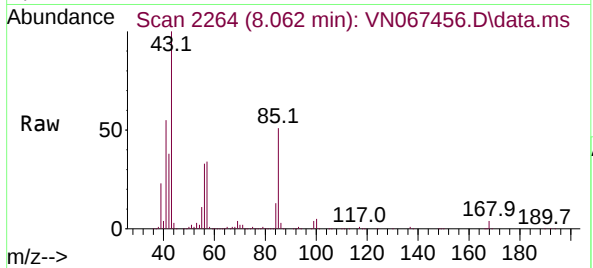
Tgt Ion: 42 Resp: 1141
Ion Ratio Lower Upper
42 100
72 25.4 32.8 49.2#
71 0.0 31.2 46.8#



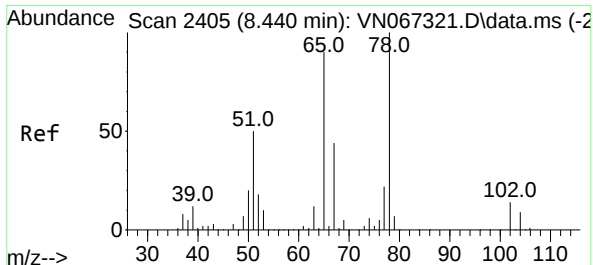
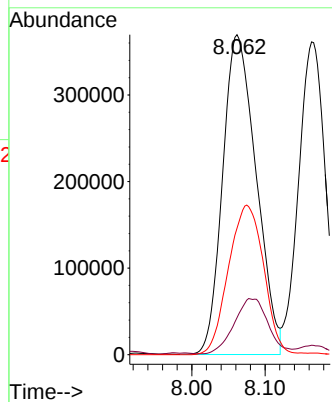
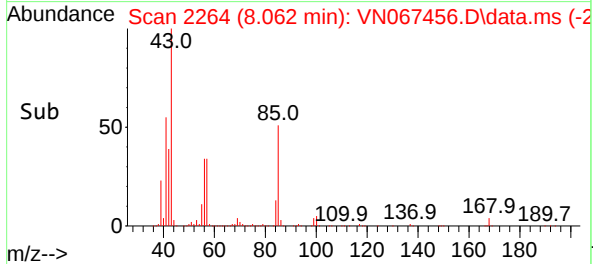


#31
Cyclohexane
Concen: 157.623 ug/l
RT: 8.062 min Scan# 2264
Delta R.T. -0.032 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

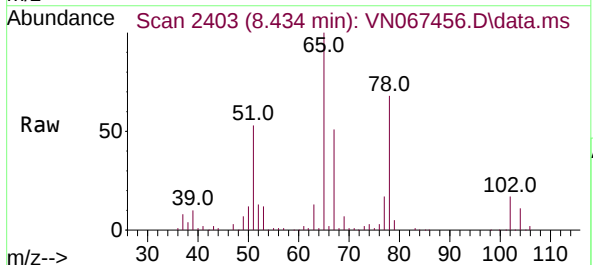
Instrument :
MSVOA_N
ClientSampleId :



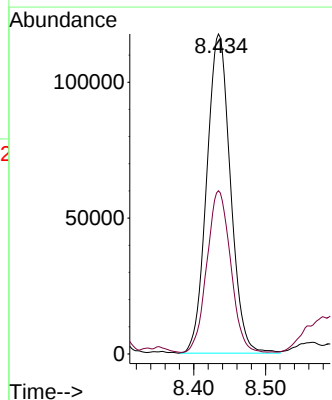
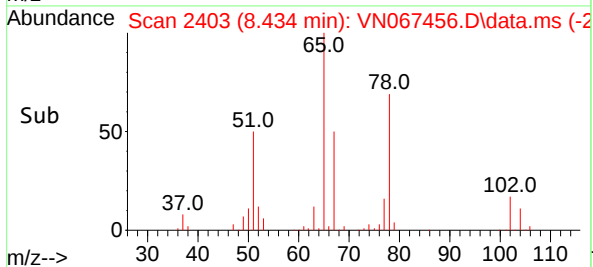
Tgt Ion: 56 Resp: 1173151
Ion Ratio Lower Upper
56 100
69 11.1 27.3 40.9#
84 39.5 64.9 97.3#

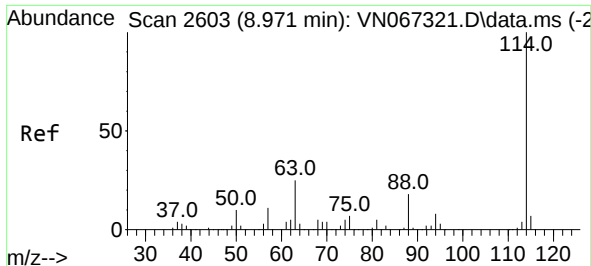


#33
1,2-Dichloroethane-d4
Concen: 49.129 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50



Tgt Ion: 65 Resp: 268978
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

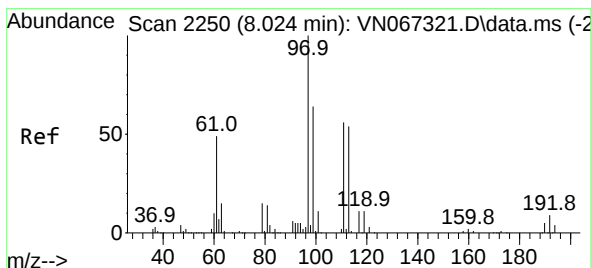
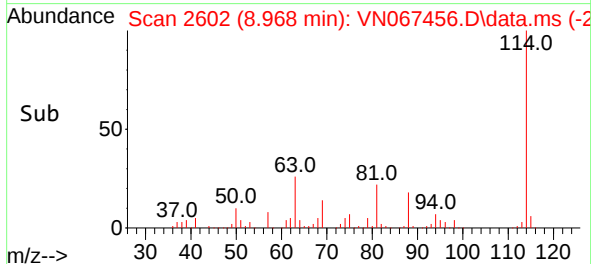
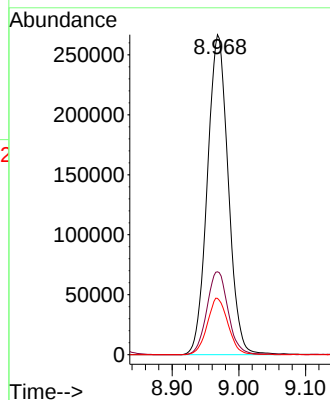
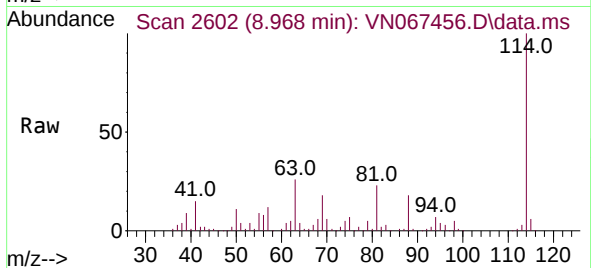




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

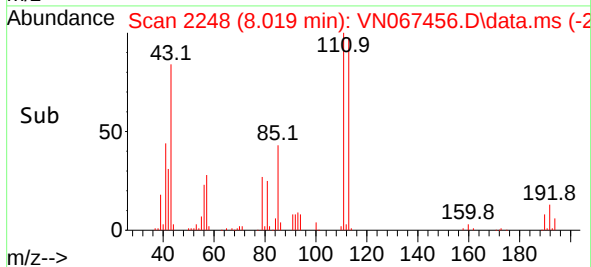
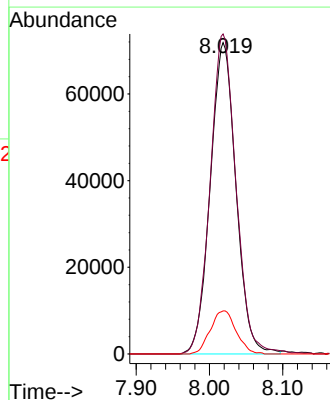
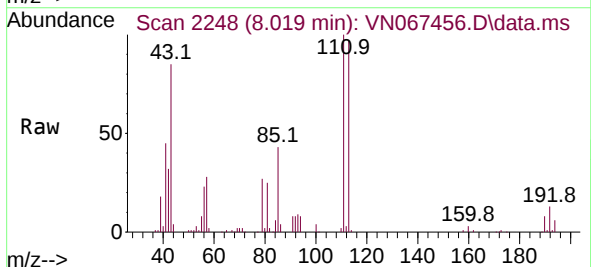
Instrument :
MSVOA_N
ClientSampleId :

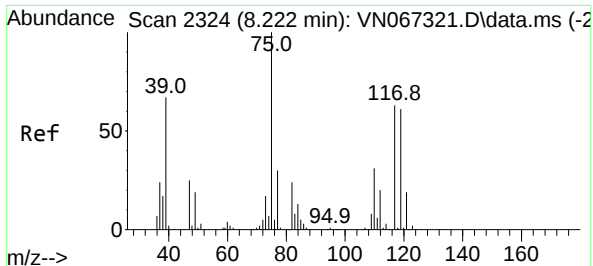
Tgt Ion:114 Resp: 579806
Ion Ratio Lower Upper
114 100
63 25.9 0.0 49.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.389 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion:113 Resp: 175028
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 13.9 13.4 20.0

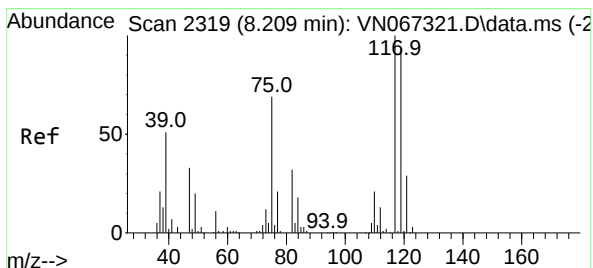
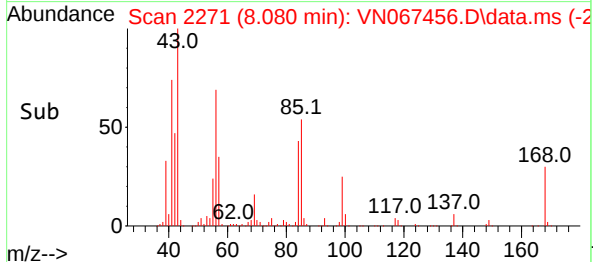
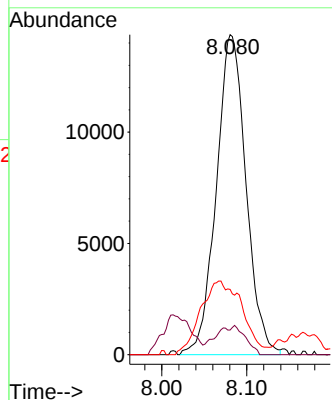
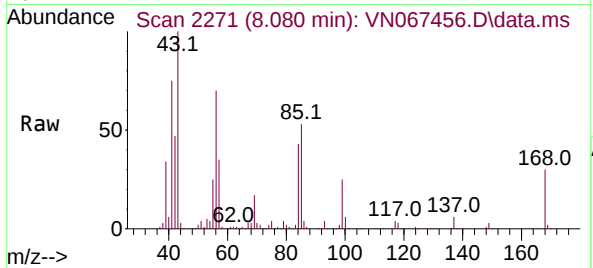




#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

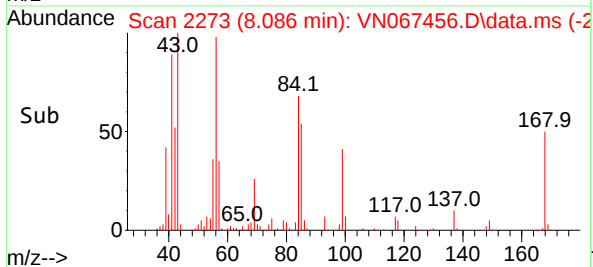
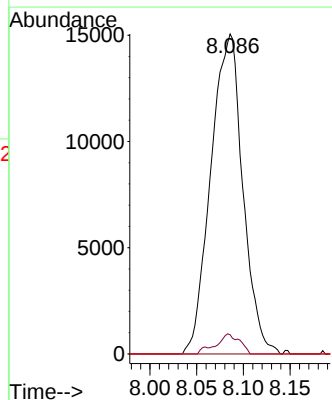
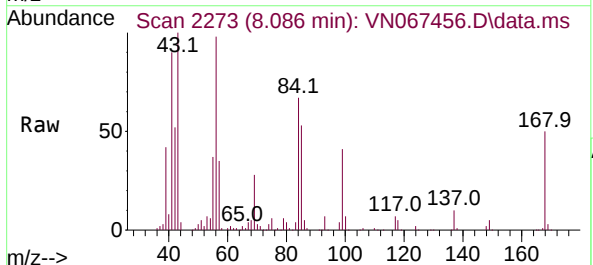
Instrument :
MSVOA_N
ClientSampleId :

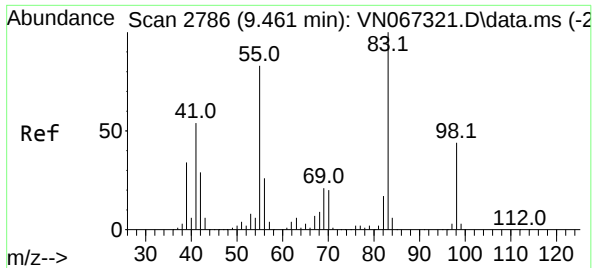
Tgt Ion: 75 Resp: 34902
Ion Ratio Lower Upper
75 100
110 2.2 15.7 47.0#
77 32.5 24.6 37.0



#38
Carbon Tetrachloride
Concen: 5.135 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 117 Resp: 35874
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.2#
121 0.0 23.5 35.3#

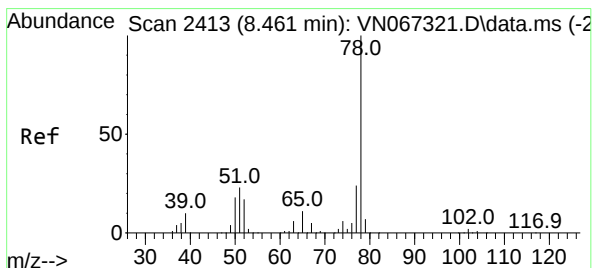
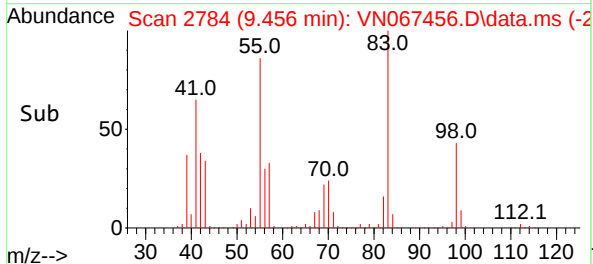
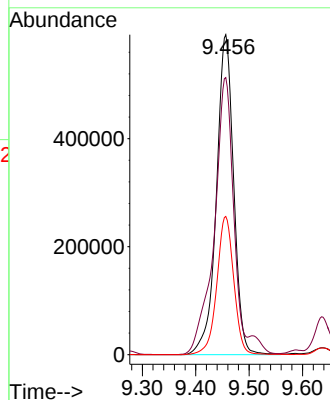
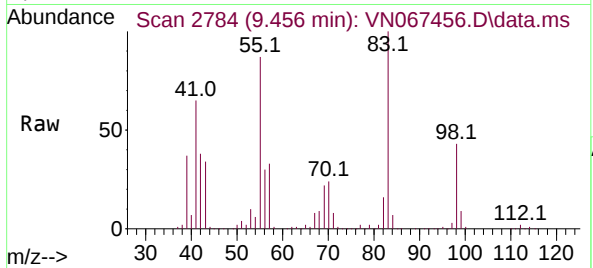




#39
Methylcyclohexane
Concen: 194.157 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

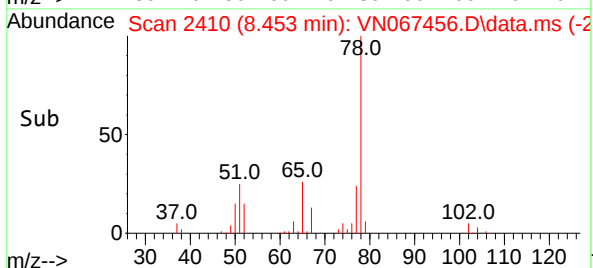
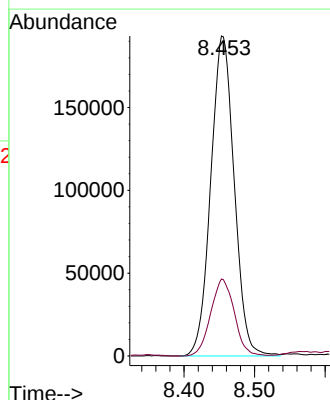
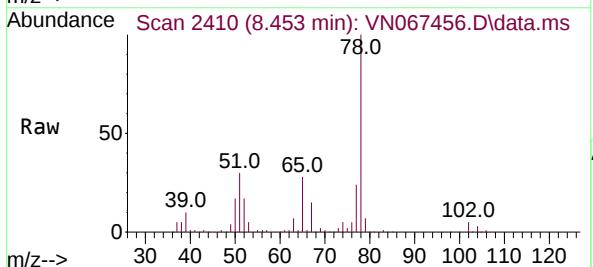
Instrument :
MSVOA_N
ClientSampleId :

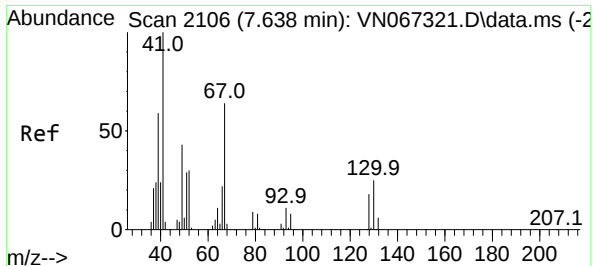
Tgt Ion: 83 Resp: 1335700
Ion Ratio Lower Upper
83 100
55 86.5 66.6 99.8
98 43.2 35.3 52.9



#40
Benzene
Concen: 24.590 ug/l
RT: 8.453 min Scan# 2410
Delta R.T. -0.008 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

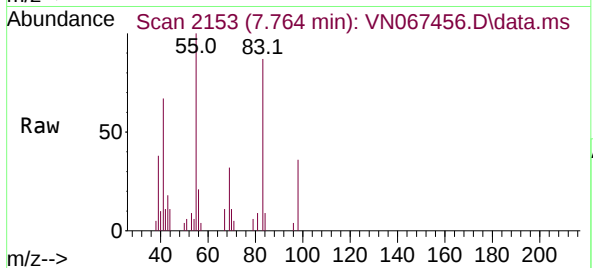
Tgt Ion: 78 Resp: 446116
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3



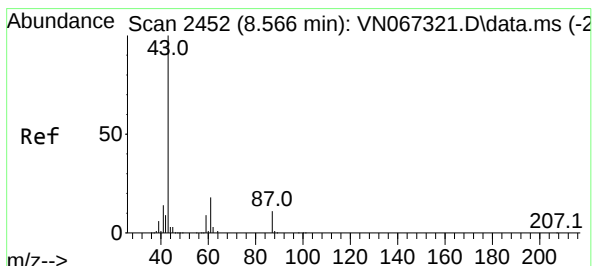
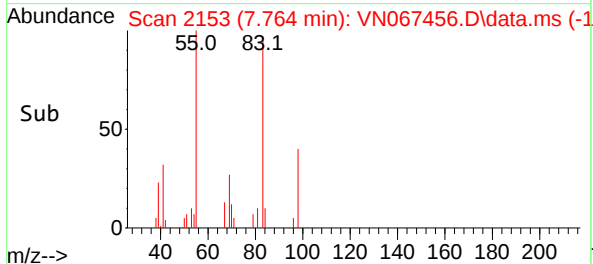
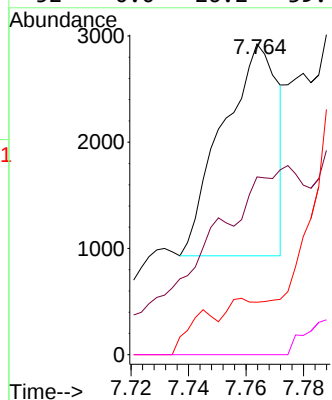


#41
Methacrylonitrile
Concen: 0.741 ug/l
RT: 7.764 min Scan# 2153
Delta R.T. 0.126 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Instrument :
MSVOA_N
ClientSampleId :

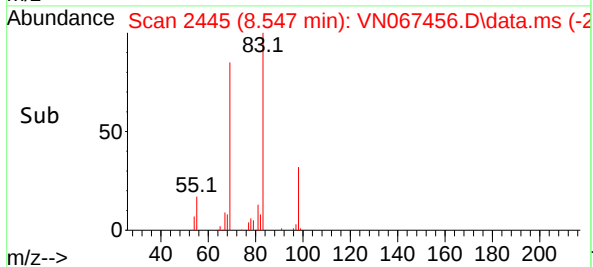
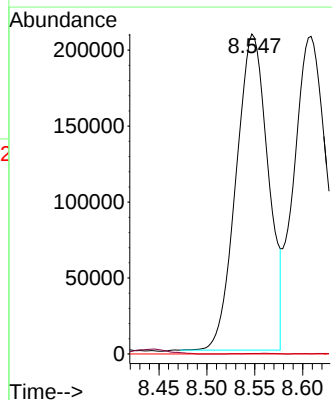
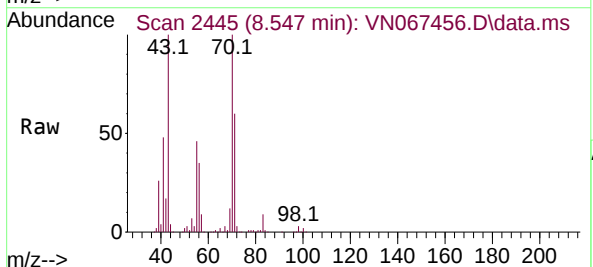


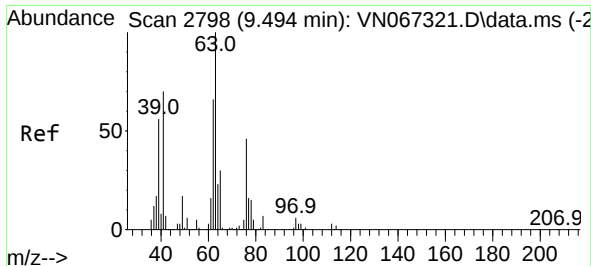
Tgt Ion:	41	Resp:	2654
Ion Ratio	Lower	Upper	
41	100		
39	0.0	47.6	71.4#
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#



#43
Isopropyl Acetate
Concen: 39.312 ug/l
RT: 8.547 min Scan# 2445
Delta R.T. -0.019 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion:	43	Resp:	485923
Ion Ratio	Lower	Upper	
43	100		
61	0.1	19.0	28.4#
87	0.0	9.5	14.3#

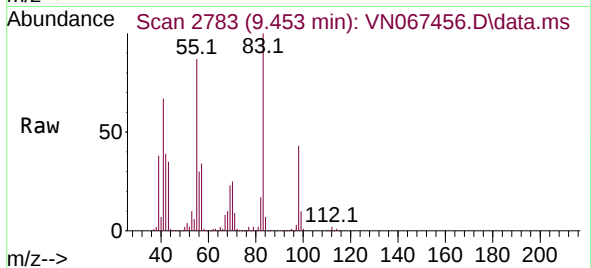




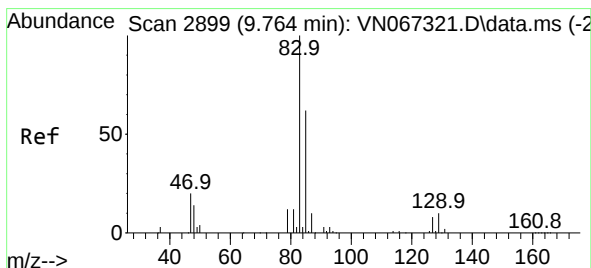
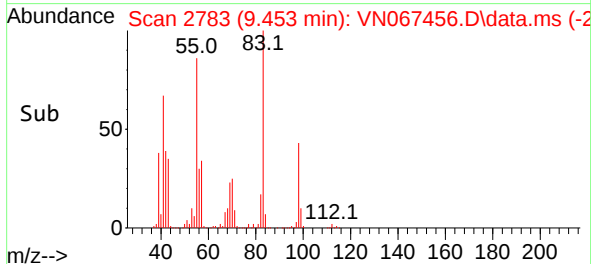
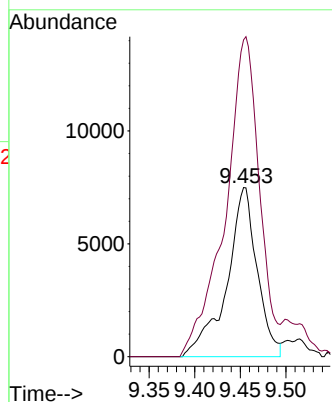
#45

1,2-Dichloropropane
Concen: 3.587 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.041 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Instrument :
MSVOA_N
ClientSampled :



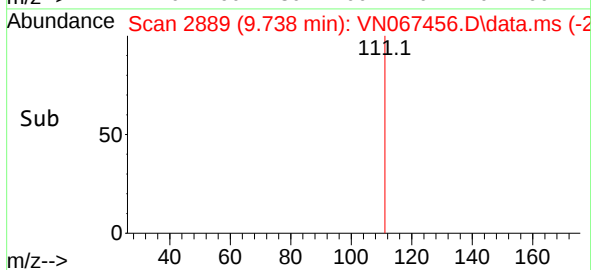
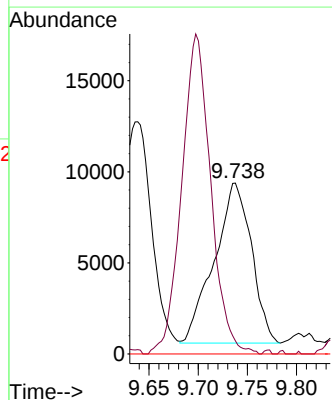
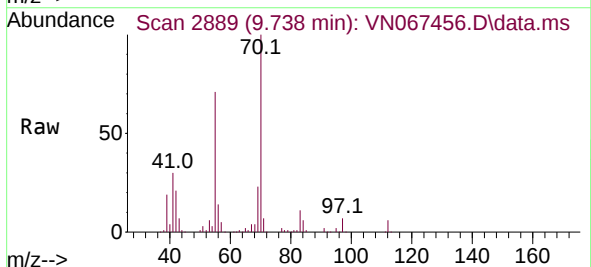
Tgt Ion: 63 Resp: 17355
Ion Ratio Lower Upper
63 100
65 187.3 24.3 36.5#

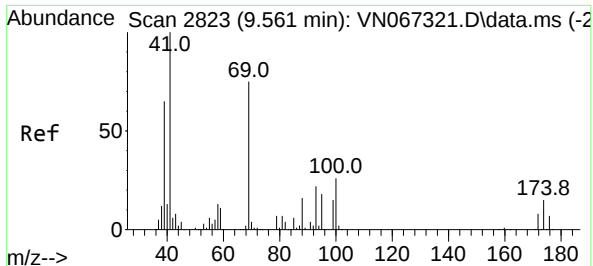


#47

Bromodichloromethane
Concen: 3.139 ug/l
RT: 9.738 min Scan# 2889
Delta R.T. -0.026 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 83 Resp: 23179
Ion Ratio Lower Upper
83 100
85 6.4 49.9 74.9#
127 0.0 6.1 9.1#

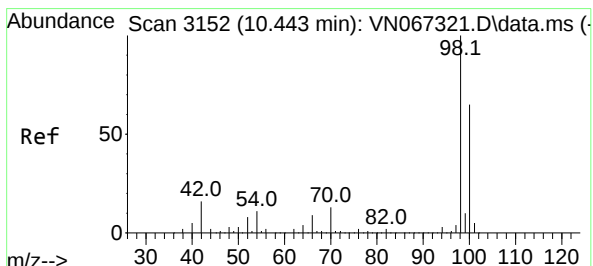
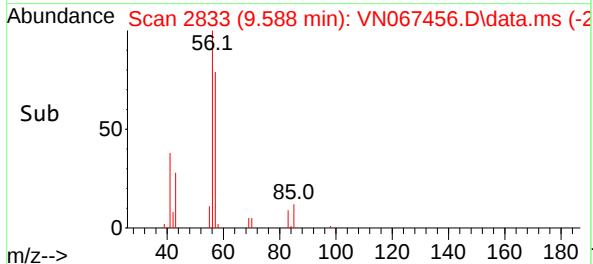
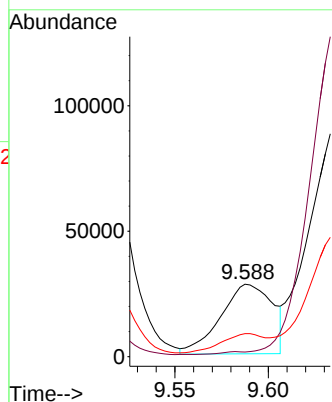
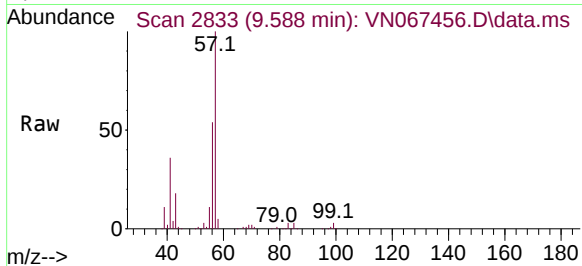




#48
Methyl methacrylate
Concen: 9.543 ug/l
RT: 9.588 min Scan# 2833
Delta R.T. 0.027 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

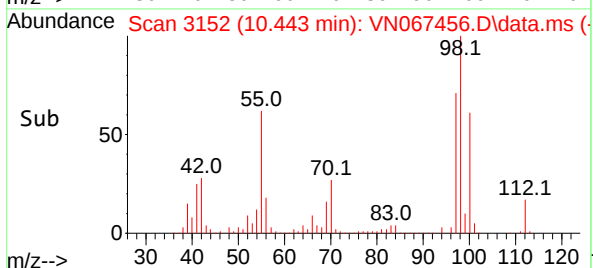
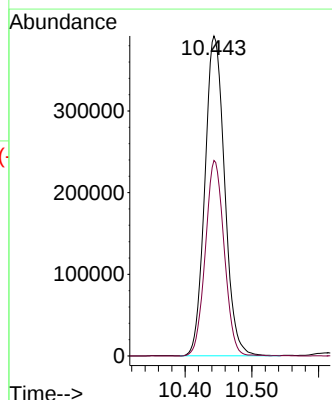
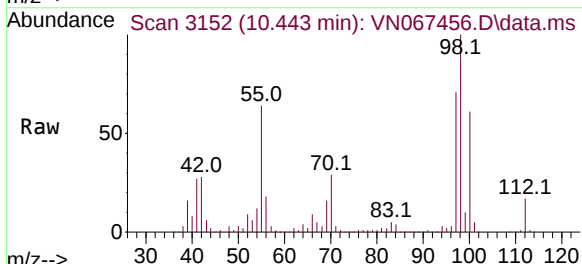
Instrument :
MSVOA_N
ClientSampleId :

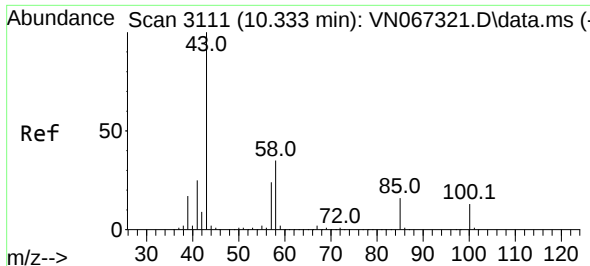
Tgt Ion: 41 Resp: 53786
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#



#50
Toluene-d8
Concen: 54.490 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 98 Resp: 805359
Ion Ratio Lower Upper
98 100
100 58.4 51.7 77.5

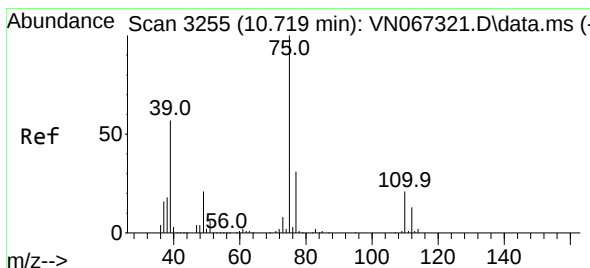
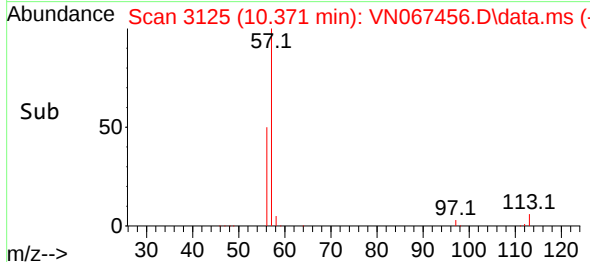
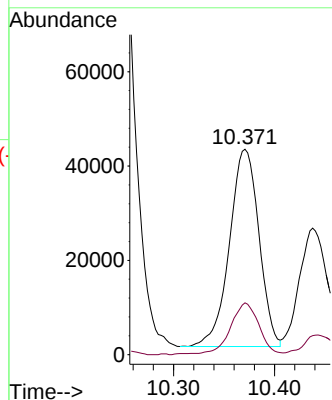
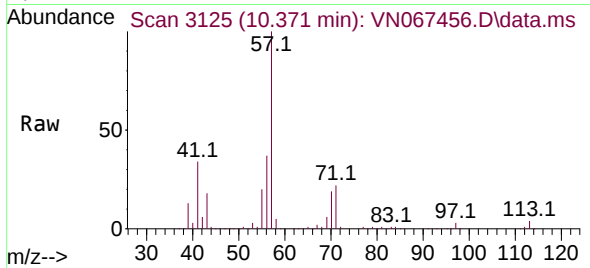




#51
4-Methyl-2-Pentanone
Concen: 11.960 ug/l
RT: 10.371 min Scan# 3125
Delta R.T. 0.038 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

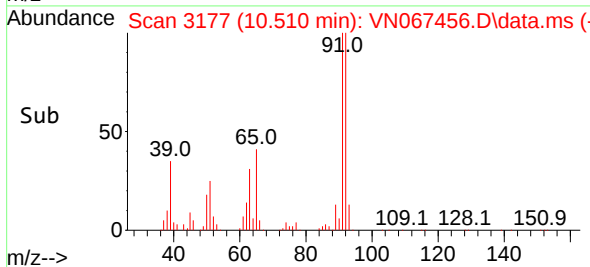
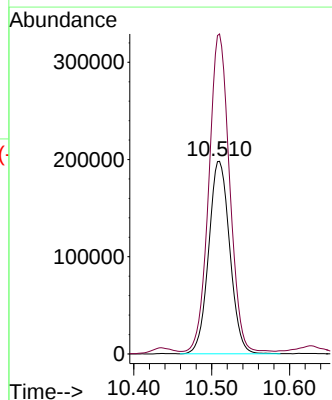
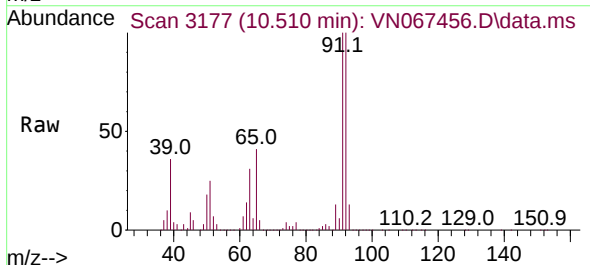
Instrument :
MSVOA_N
ClientSampled :

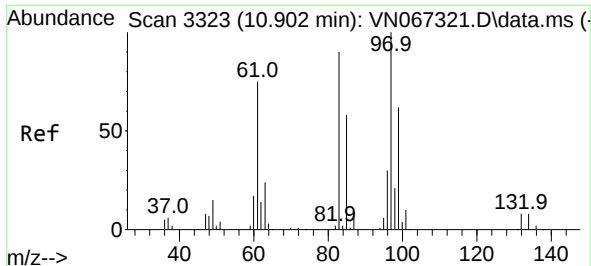
Tgt Ion: 43 Resp: 85113
Ion Ratio Lower Upper
43 100
58 25.7 28.6 43.0#



#53
t-1,3-Dichloropropene
Concen: 45.507 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.209 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

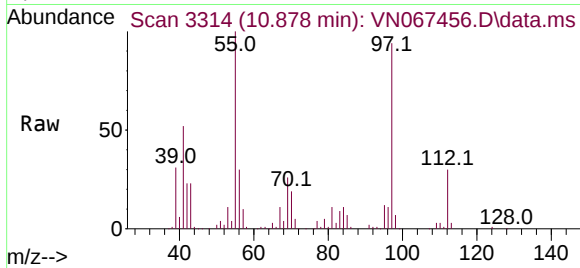
Tgt Ion: 75 Resp: 372130
Ion Ratio Lower Upper
75 100
77 164.9 25.1 37.7#



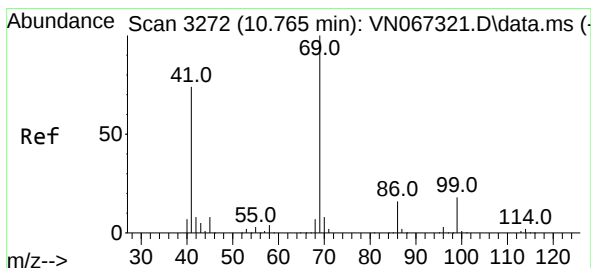
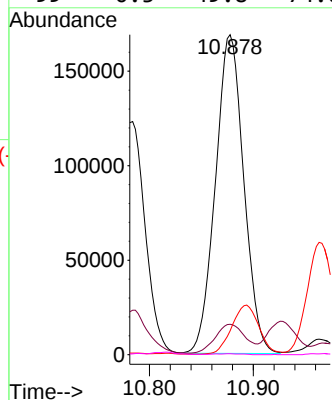
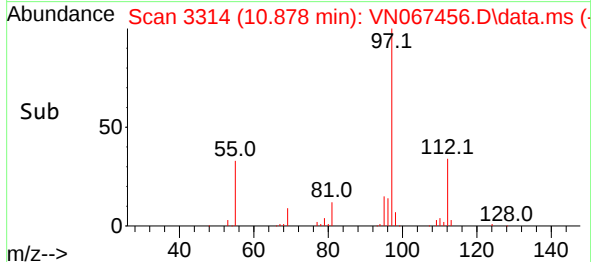


#55
1,1,2-Trichloroethane
Concen: 72.528 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.024 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

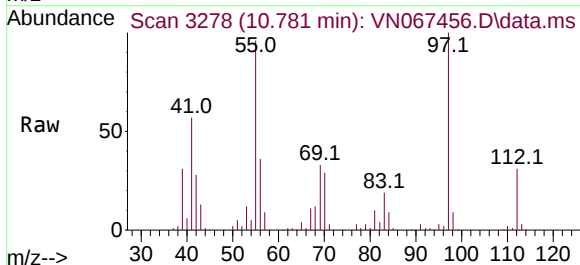
Instrument :
MSVOA_N
ClientSampleId :



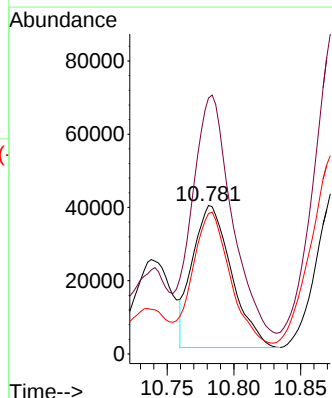
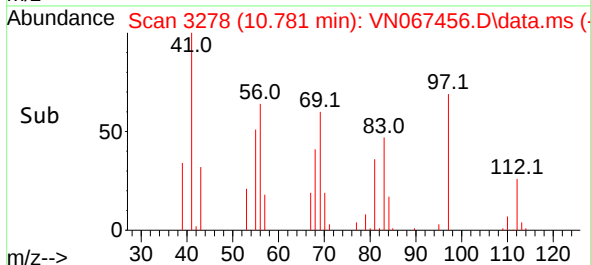
Tgt Ion:	97	Resp:	319914
Ion	Ratio	Lower	Upper
97	100		
83	8.9	72.0	108.0#
85	7.3	46.8	70.2#
99	0.3	49.8	74.6#

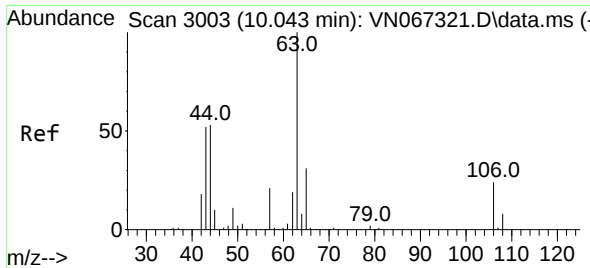


#56
Ethyl methacrylate
Concen: 9.916 ug/l
RT: 10.781 min Scan# 3278
Delta R.T. 0.016 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50



Tgt Ion:	69	Resp:	78636
Ion	Ratio	Lower	Upper
69	100		
41	167.6	58.6	88.0#
39	0.0	38.3	57.5#

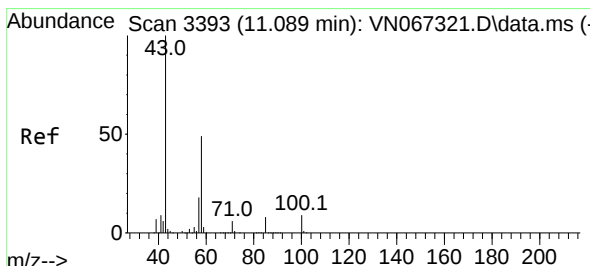
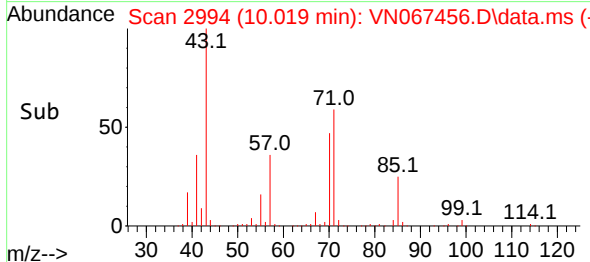
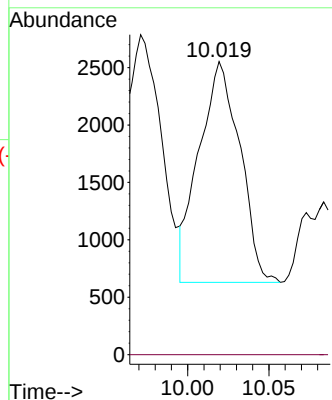
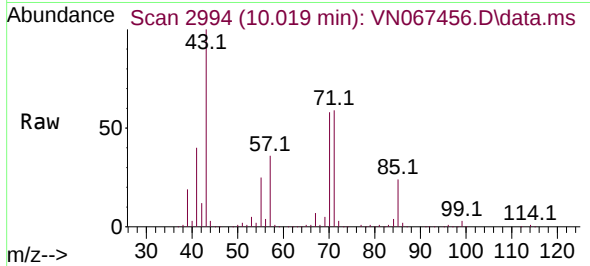




#58
2-Chloroethyl Vinyl ether
Concen: 1.457 ug/l
RT: 10.019 min Scan# 2994
Delta R.T. -0.024 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

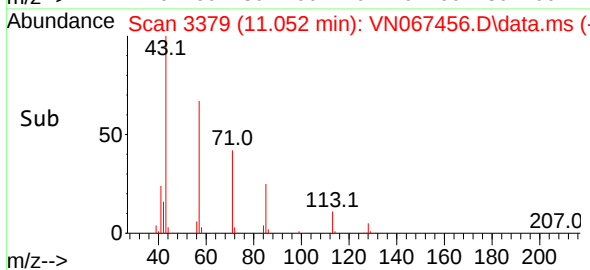
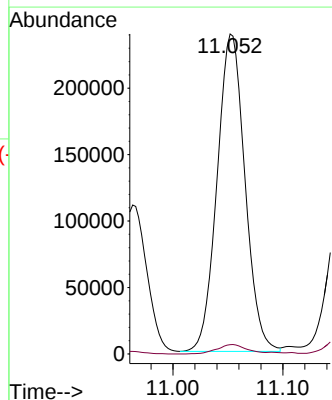
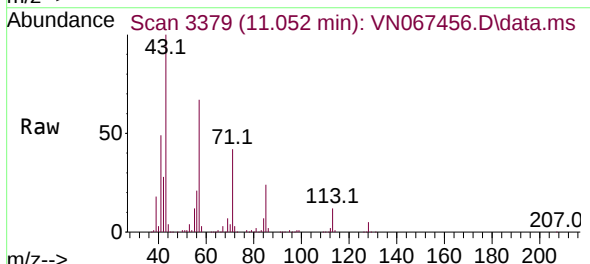
Instrument :
MSVOA_N
ClientSampleId :

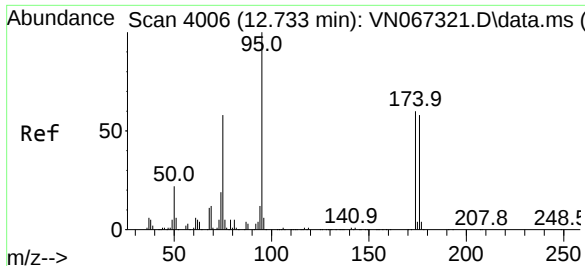
Tgt Ion: 63 Resp: 3363
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 80.672 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.037 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 43 Resp: 420605
Ion Ratio Lower Upper
43 100
58 3.2 24.7 74.1#

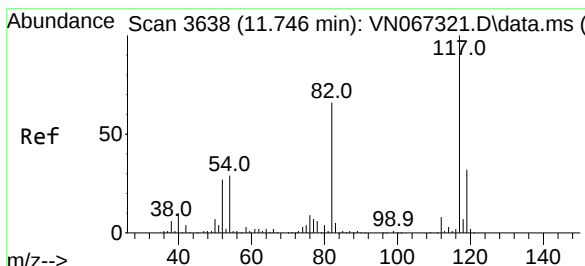
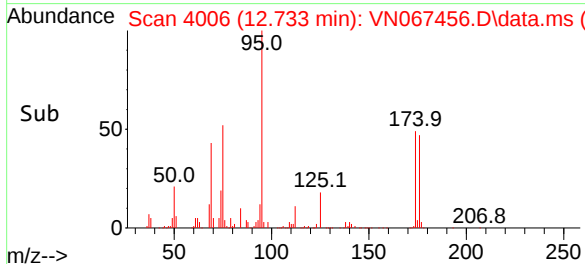
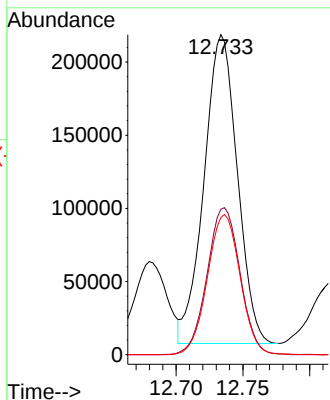
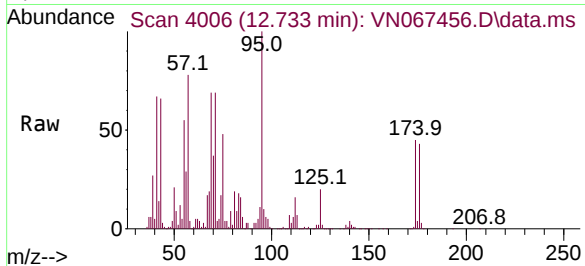




#62
4-Bromofluorobenzene
Concen: 59.868 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

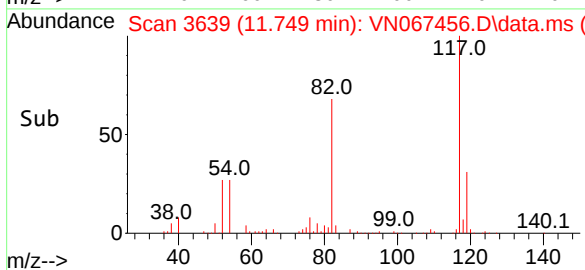
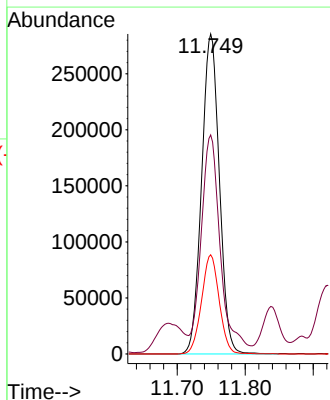
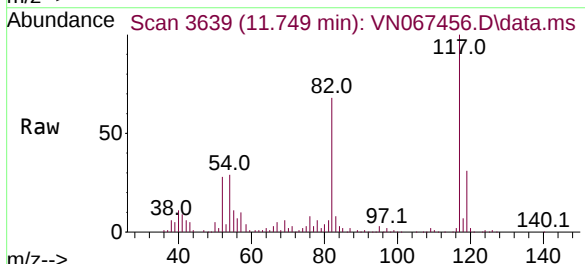
Instrument :
MSVOA_N
ClientSampleId :

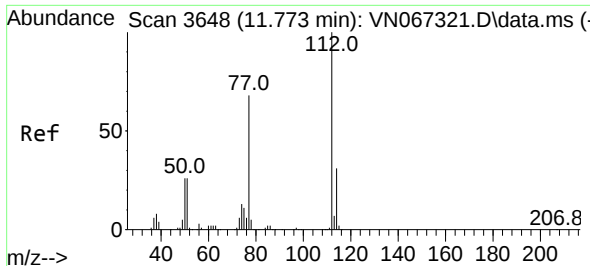
Tgt Ion: 95 Resp: 365168
Ion Ratio Lower Upper
95 100
174 47.3 0.0 122.0
176 44.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 117 Resp: 517035
Ion Ratio Lower Upper
117 100
82 60.0 53.1 79.7
119 31.0 25.5 38.3

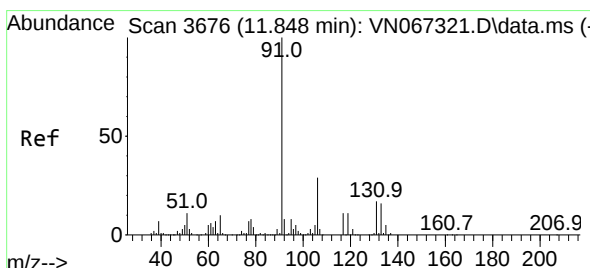
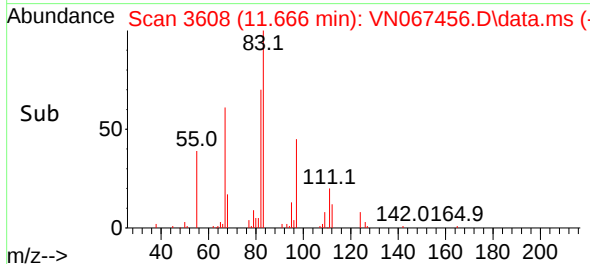
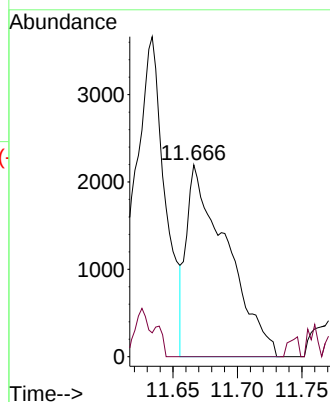
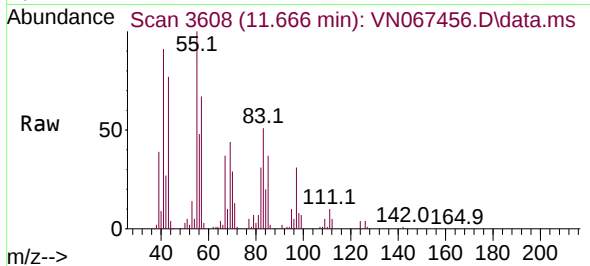




#65
Chlorobenzene
Concen: 0.423 ug/l
RT: 11.666 min Scan# 3608
Delta R.T. -0.107 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

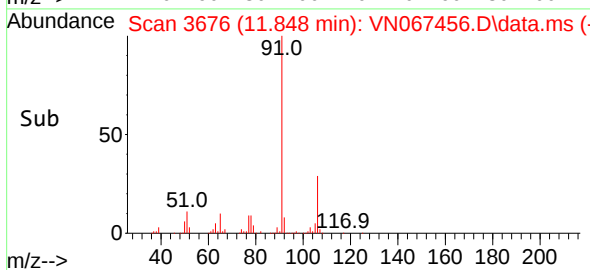
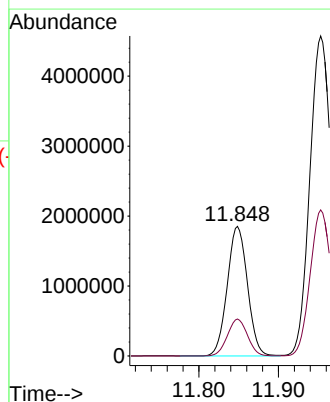
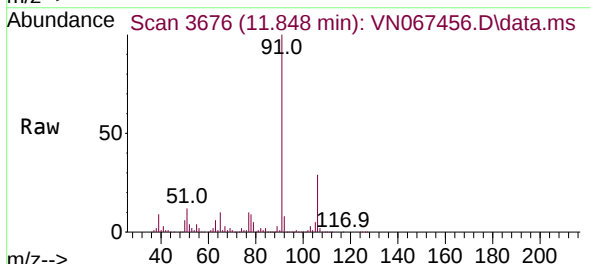
Instrument :
MSVOA_N
ClientSampled :

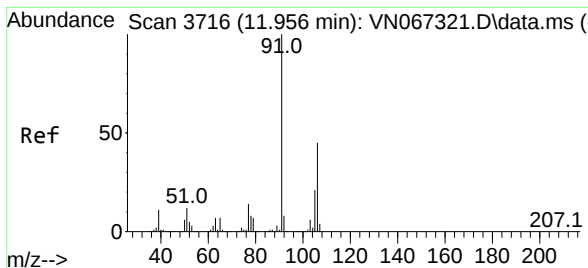
Tgt Ion:112 Resp: 4763
Ion Ratio Lower Upper
112 100
114 0.0 24.6 37.0#



#67
Ethyl Benzene
Concen: 146.901 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 91 Resp: 3268408
Ion Ratio Lower Upper
91 100
106 28.5 23.4 35.0

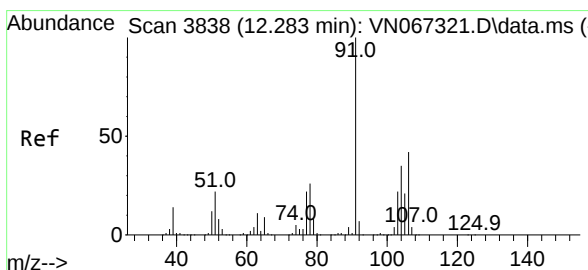
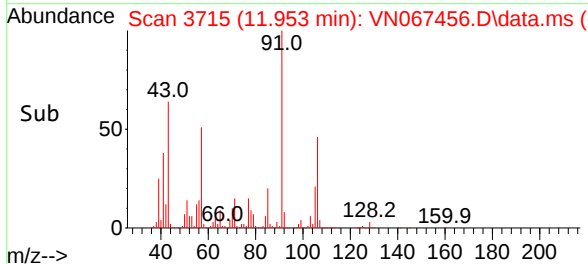
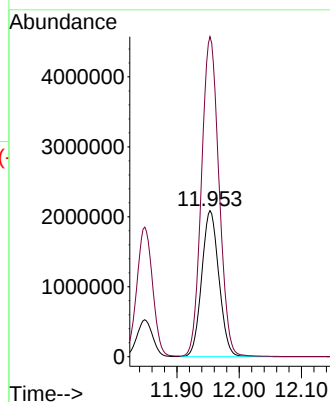
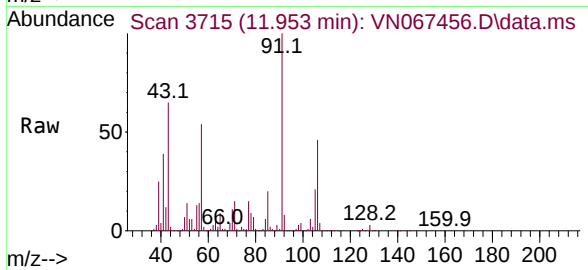




#68
m/p-Xylenes
Concen: 505.596 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

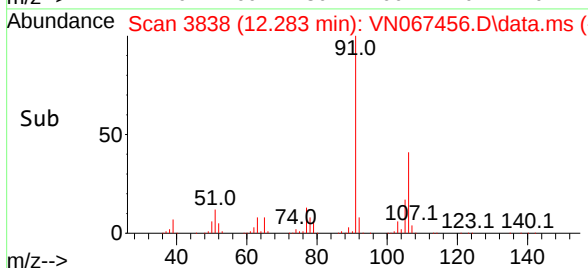
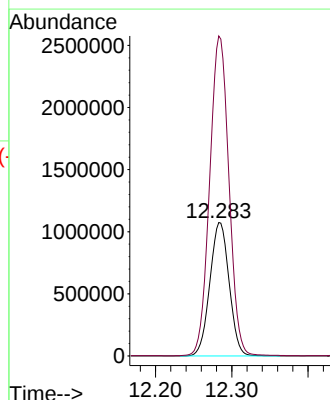
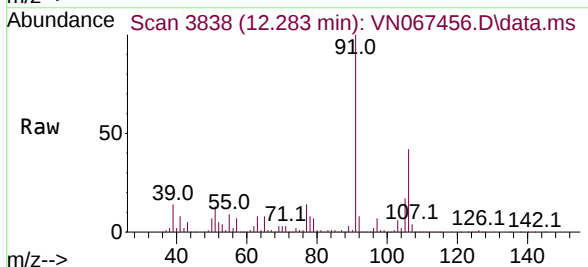
Instrument :
MSVOA_N
ClientSampleId :

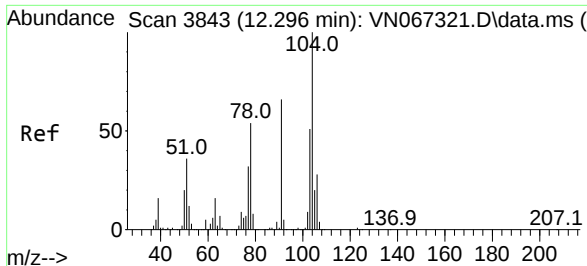
Tgt Ion:106 Resp: 3998811
Ion Ratio Lower Upper
106 100
91 223.7 180.6 270.8



#69
o-Xylene
Concen: 243.086 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion:106 Resp: 1880528
Ion Ratio Lower Upper
106 100
91 240.2 118.3 354.9

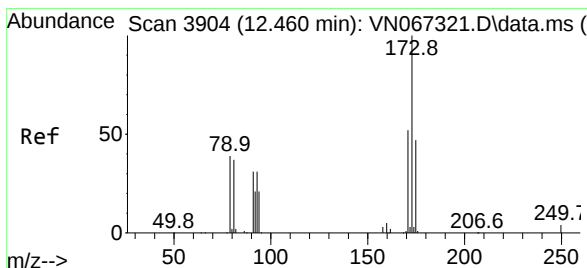
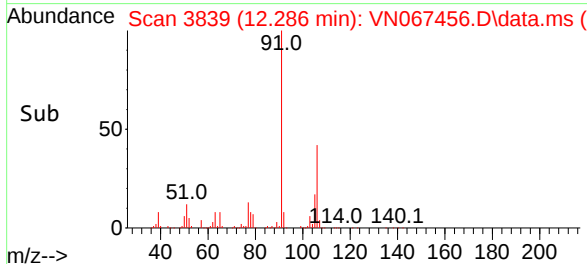
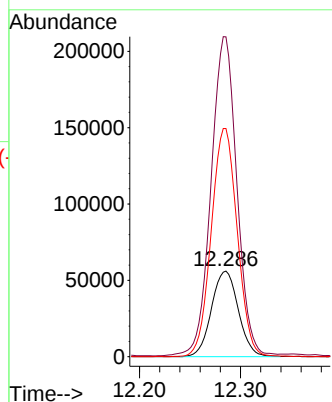
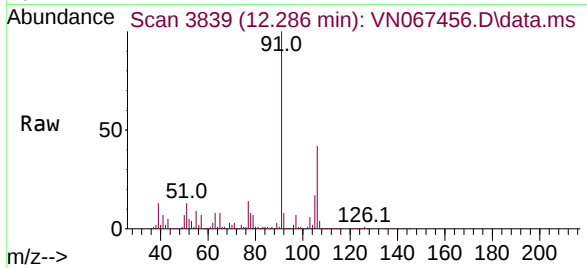




#70
Styrene
Concen: 8.057 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.010 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

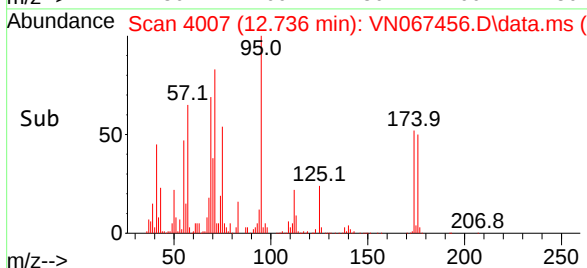
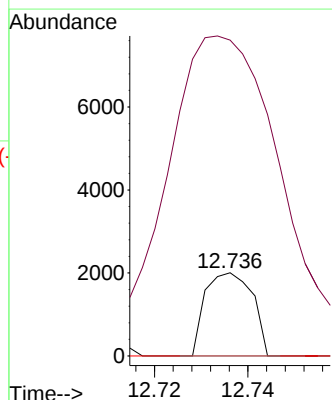
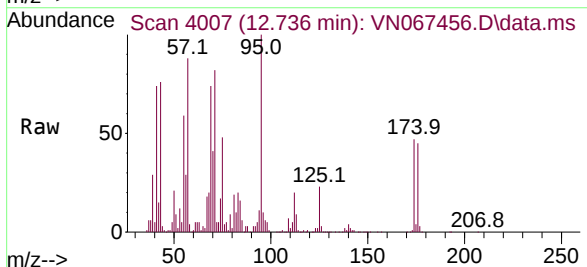
Instrument :
MSVOA_N
ClientSampleId :

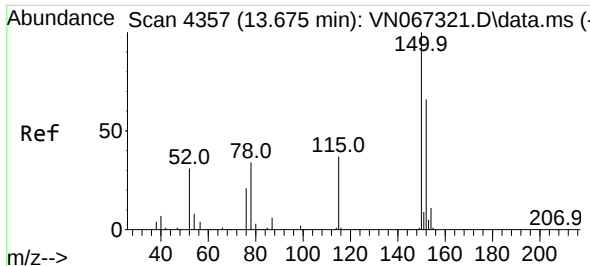
Tgt Ion:104 Resp: 103605
Ion Ratio Lower Upper
104 100
78 357.5 48.2 72.2#
103 257.9 44.5 66.7#



#71
Bromoform
Concen: 0.440 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

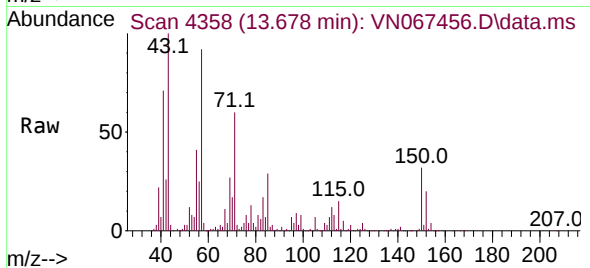
Tgt Ion:173 Resp: 1408
Ion Ratio Lower Upper
173 100
175 879.8 23.9 71.8#
254 0.0 0.0 0.0



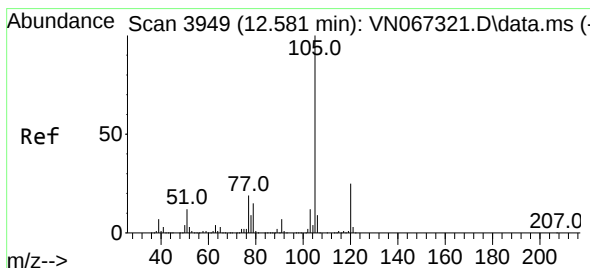
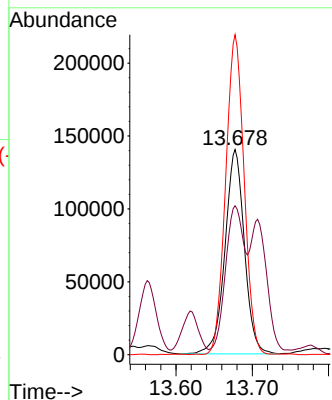
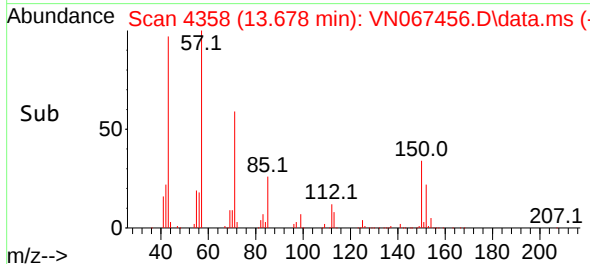


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

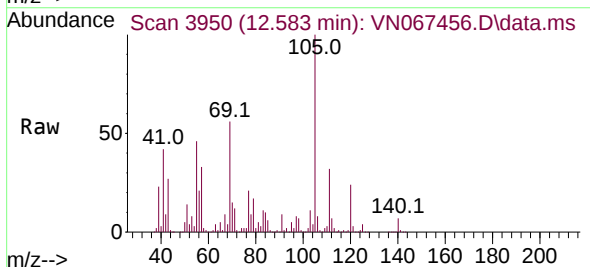
Instrument :
MSVOA_N
ClientSampleId :



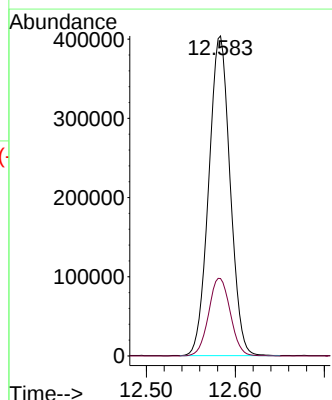
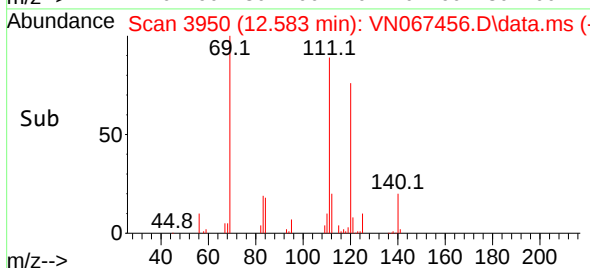
Tgt Ion:152 Resp: 247544
Ion Ratio Lower Upper
152 100
115 69.3 36.1 108.5
150 148.5 0.0 351.8

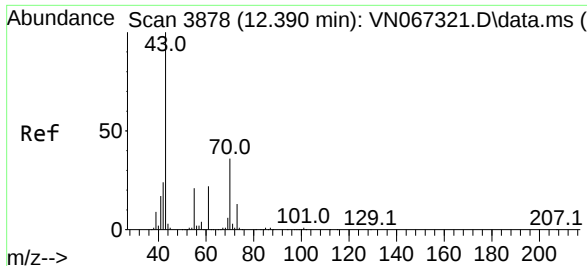


#73
Isopropylbenzene
Concen: 28.271 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50



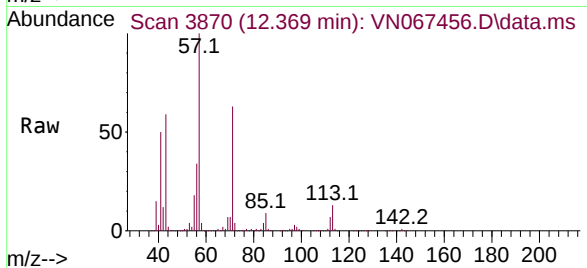
Tgt Ion:105 Resp: 671525
Ion Ratio Lower Upper
105 100
120 24.8 12.5 37.5



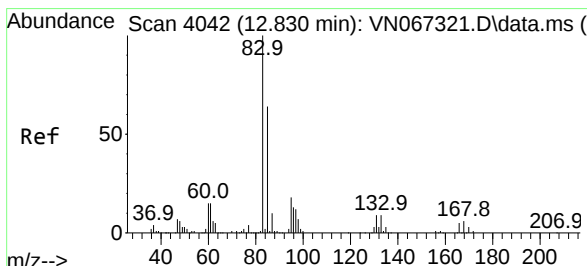
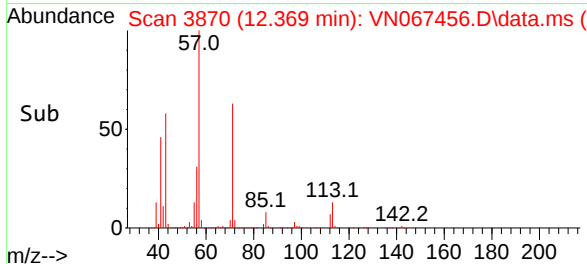
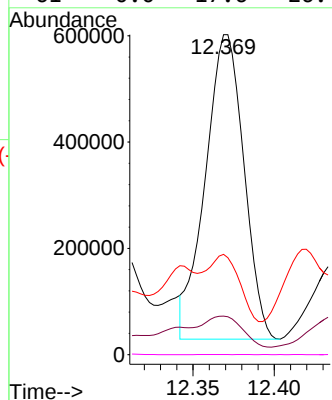


#74
N-amy1 acetate
Concen: 81.424 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.021 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Instrument :
MSVOA_N
ClientSampled :

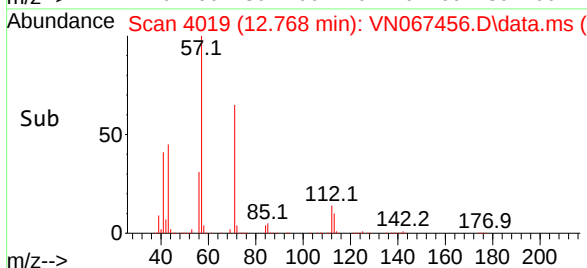
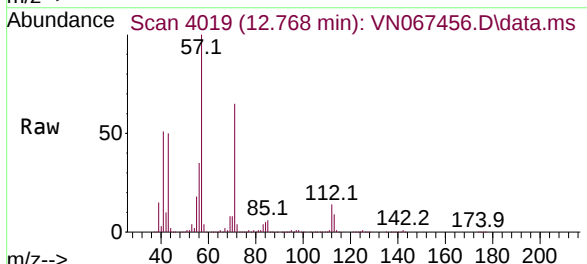
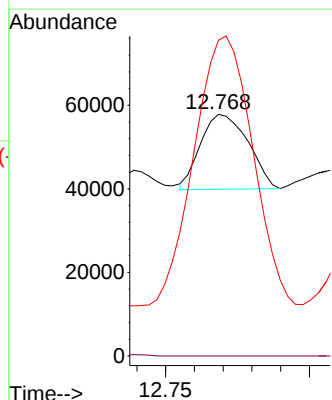


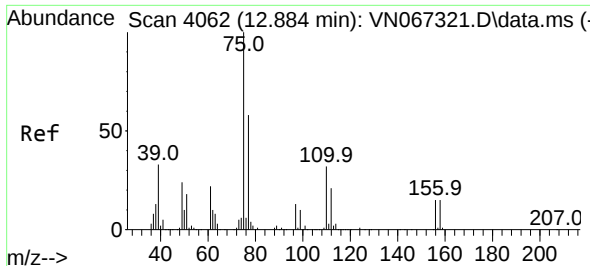
Tgt Ion:	43	Resp:	944225
Ion Ratio	100	Lower	Upper
70	9.8	29.4	44.2#
55	0.0	17.0	25.4#
61	0.0	17.6	26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.909 ug/l
RT: 12.768 min Scan# 4019
Delta R.T. -0.062 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion:	83	Resp:	20602
Ion Ratio	100	Lower	Upper
131	0.0	4.8	14.4#
85	520.0	32.2	96.6#

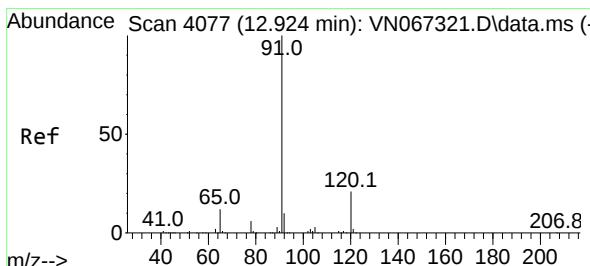
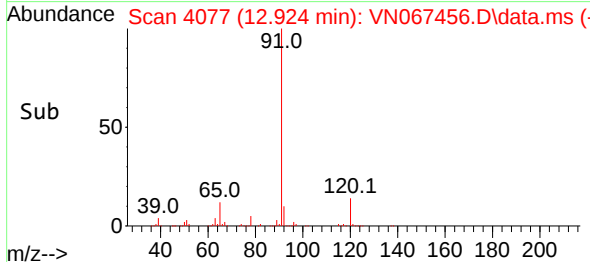
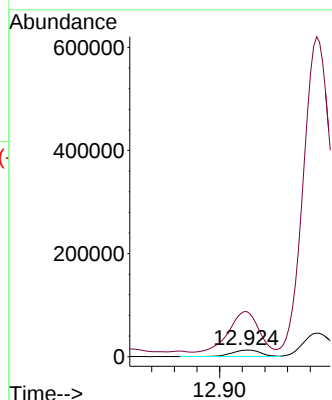
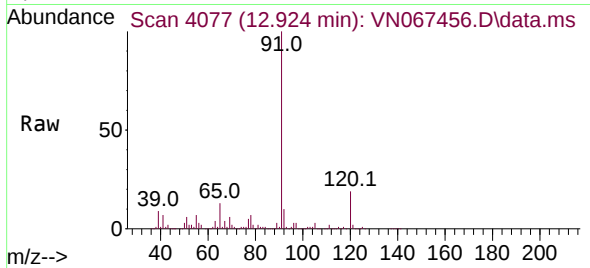




#76
1,2,3-Trichloropropane
Concen: 3.450 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.040 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

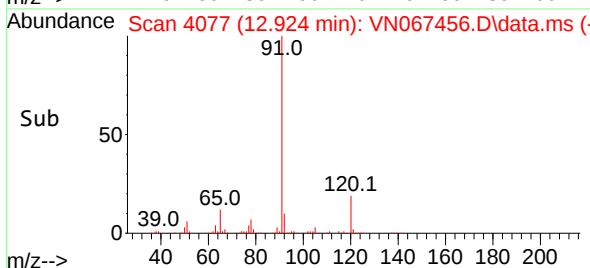
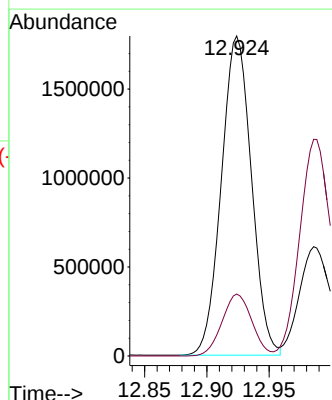
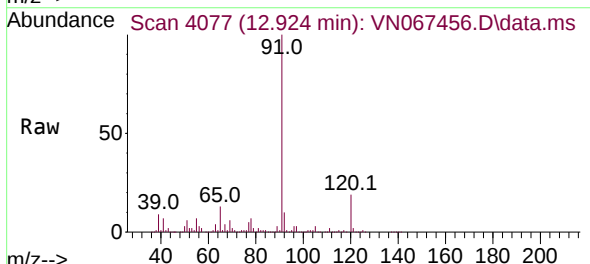
Instrument :
MSVOA_N
ClientSampled :

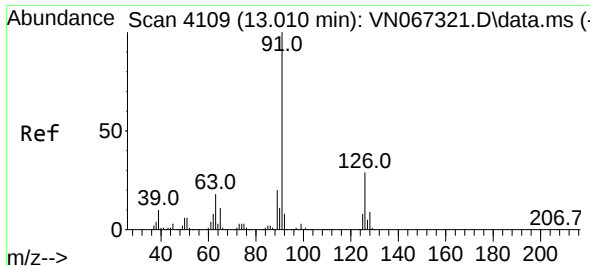
Tgt Ion: 75 Resp: 22175
Ion Ratio Lower Upper
75 100
77 645.2 0.0 0.0#



#78
n-propylbenzene
Concen: 106.603 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 91 Resp: 3011740
Ion Ratio Lower Upper
91 100
120 19.3 10.4 31.4

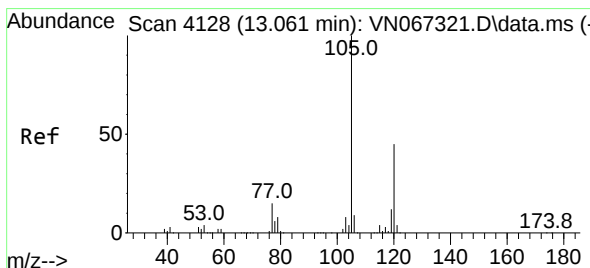
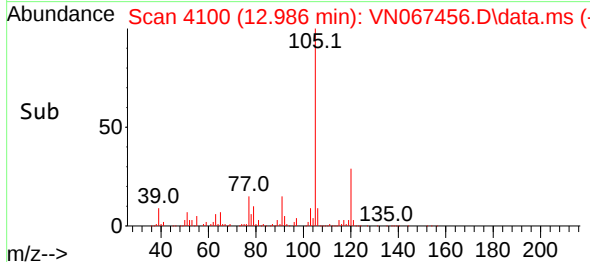
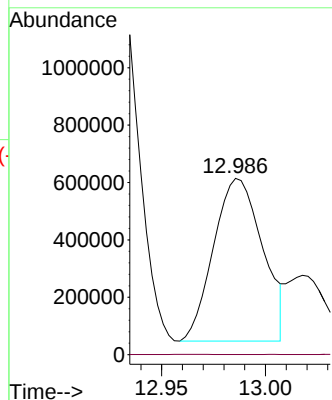
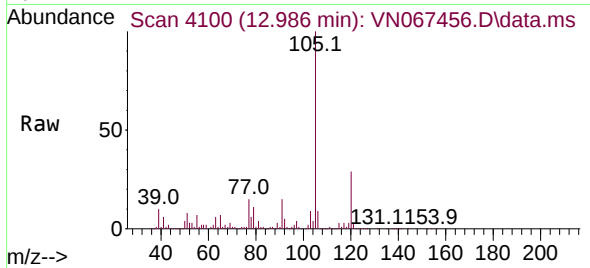




#79
2-Chlorotoluene
Concen: 53.091 ug/l
RT: 12.986 min Scan# 4100
Delta R.T. -0.024 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

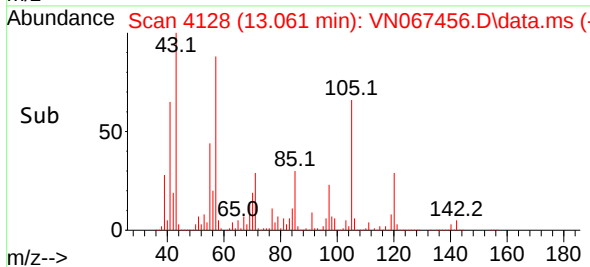
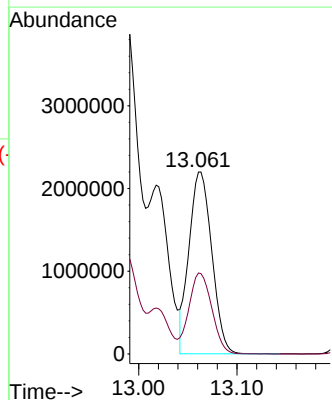
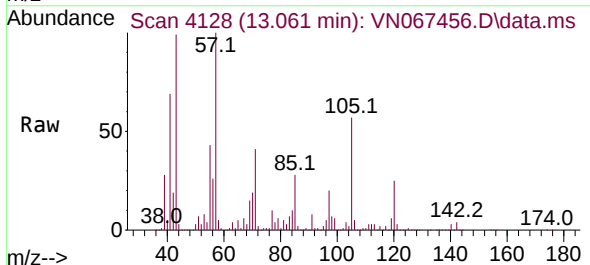
Instrument :
MSVOA_N
ClientSampled :

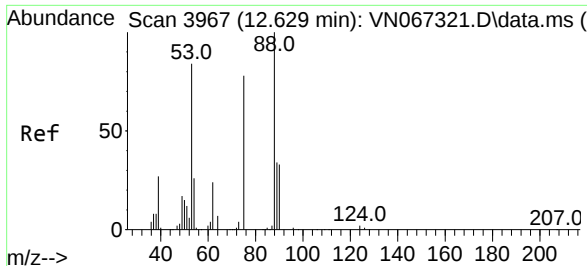
Tgt Ion: 91 Resp: 933963
Ion Ratio Lower Upper
91 100
126 0.2 14.5 43.5#



#80
1,3,5-Trimethylbenzene
Concen: 176.667 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

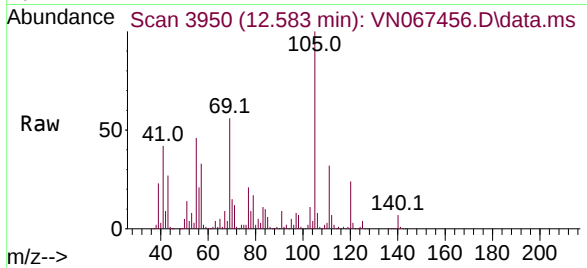
Tgt Ion:105 Resp: 3535016
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6



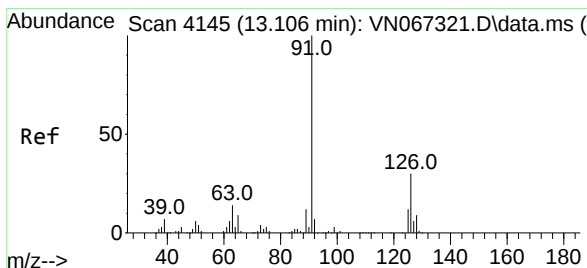
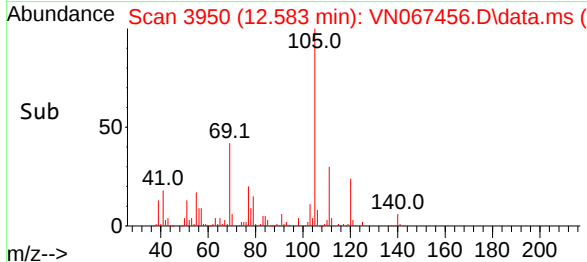
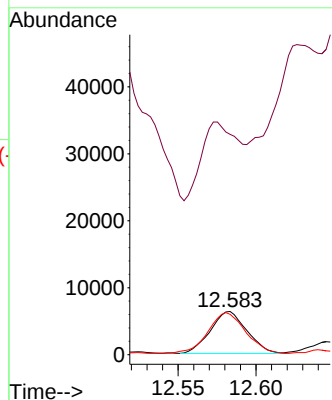


#81
trans-1,4-Dichloro-2-butene
Concen: 3.932 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. -0.046 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Instrument :
MSVOA_N
ClientSampleId :

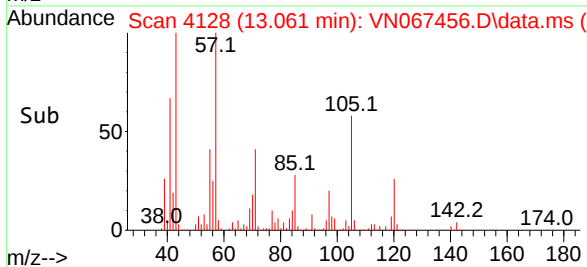
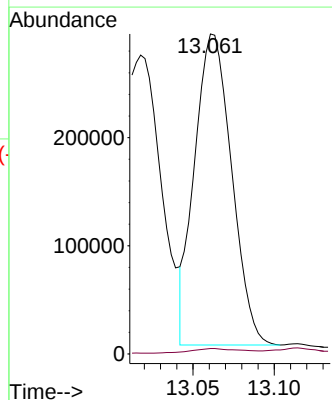
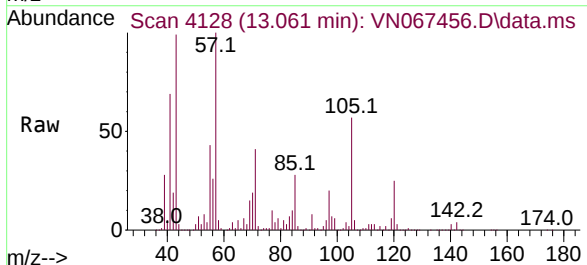


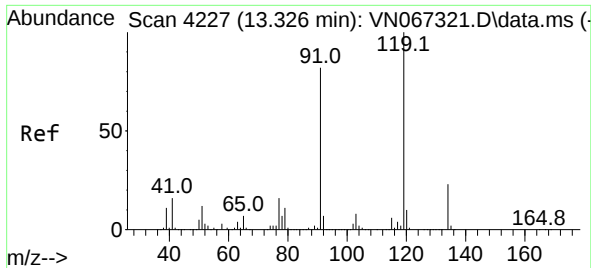
Tgt Ion: 75 Resp: 10200
Ion Ratio Lower Upper
75 100
53 174.8 87.6 131.4#
89 100.4 37.8 56.8#



#82
4-Chlorotoluene
Concen: 25.978 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 91 Resp: 455017
Ion Ratio Lower Upper
91 100
126 2.0 14.8 44.4#

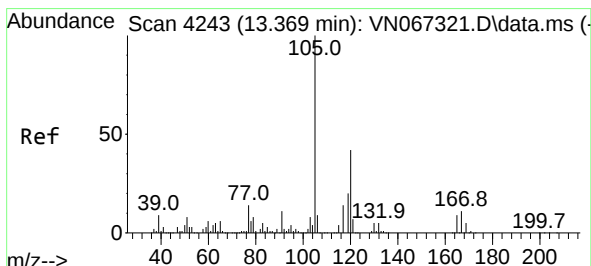
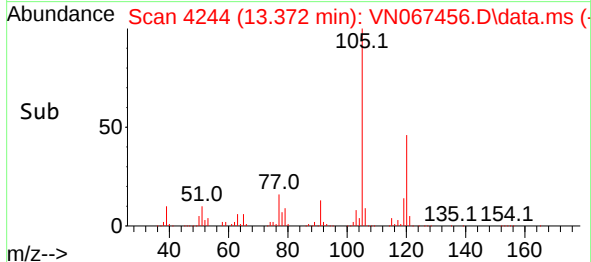
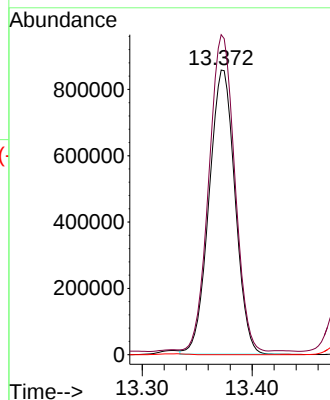
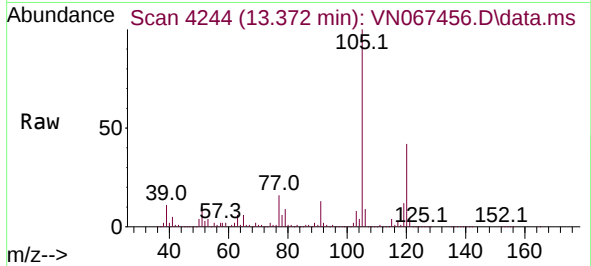




#83
tert-Butylbenzene
Concen: 88.381 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.046 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

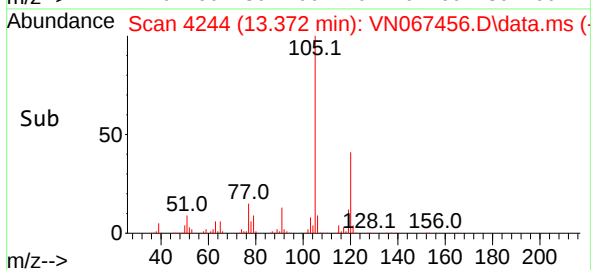
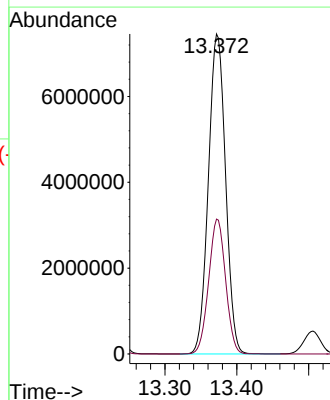
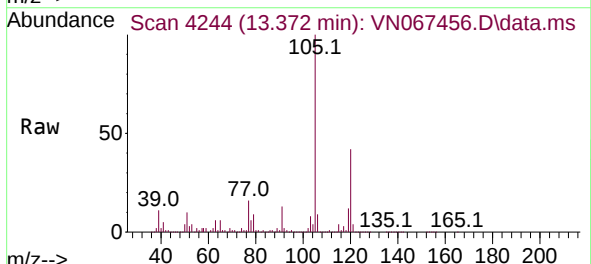
Instrument :
MSVOA_N
ClientSampleId :

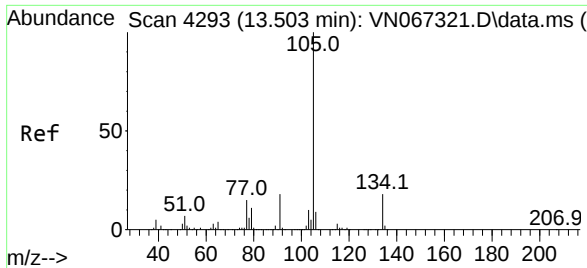
Tgt Ion:119 Resp: 1408134
Ion Ratio Lower Upper
119 100
91 109.9 39.5 118.5
134 0.0 12.0 36.0#



#84
1,2,4-Trimethylbenzene
Concen: 625.517 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion:105 Resp:12365537
Ion Ratio Lower Upper
105 100
120 41.6 20.6 61.8

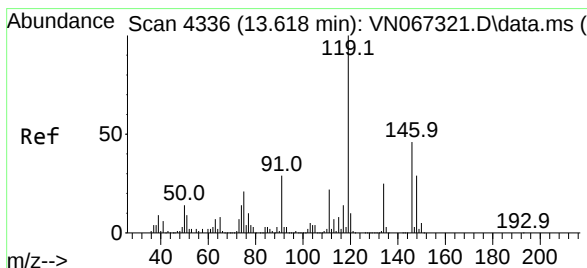
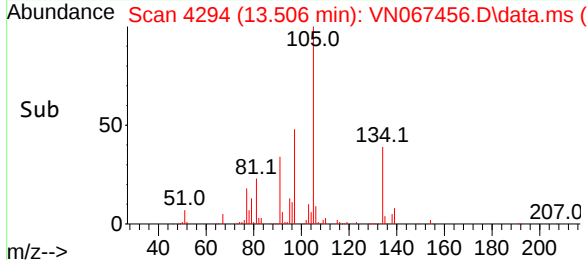
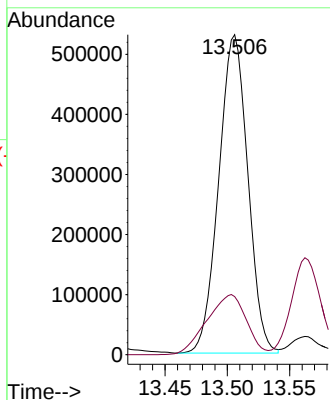
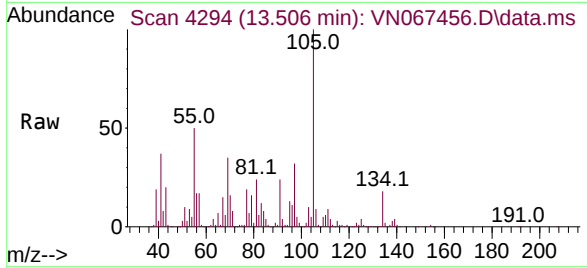




#85
 sec-Butylbenzene
 Concen: 38.229 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN067456.D
 Acq: 23 Jun 2021 14:50

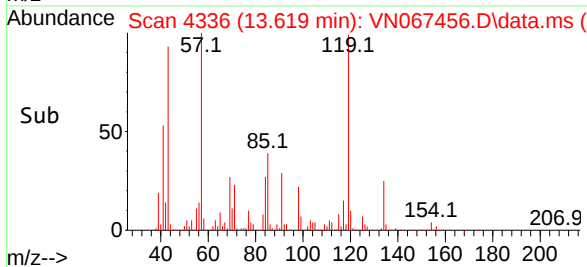
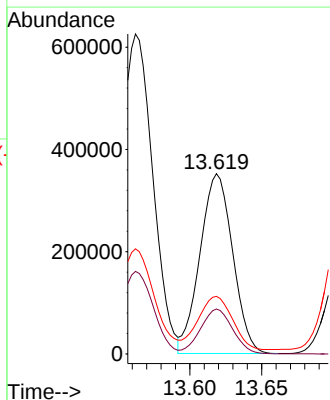
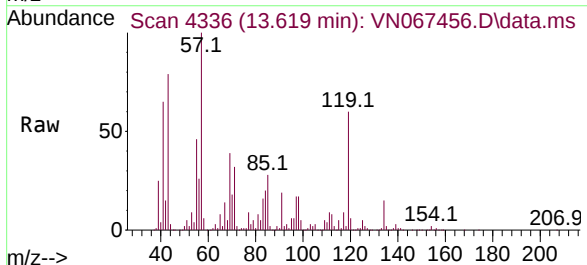
Instrument :
 MSVOA_N
 ClientSampled :

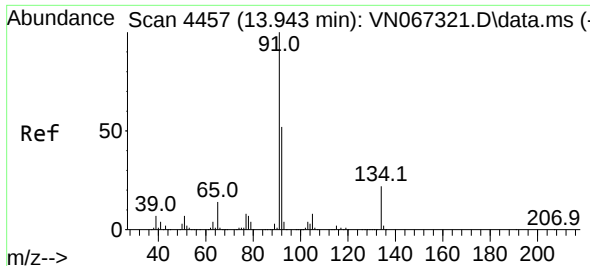
Tgt Ion:105 Resp: 862364
 Ion Ratio Lower Upper
 105 100
 134 25.6 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 30.598 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.001 min
 Lab File: VN067456.D
 Acq: 23 Jun 2021 14:50

Tgt Ion:119 Resp: 557071
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.4 37.4
 91 31.0 14.8 44.3

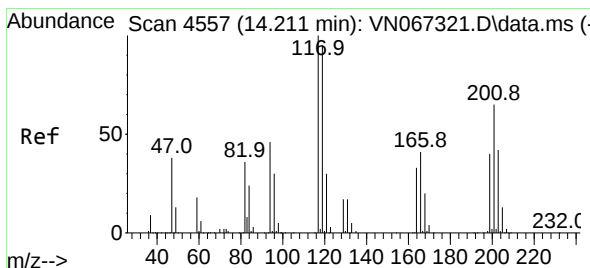
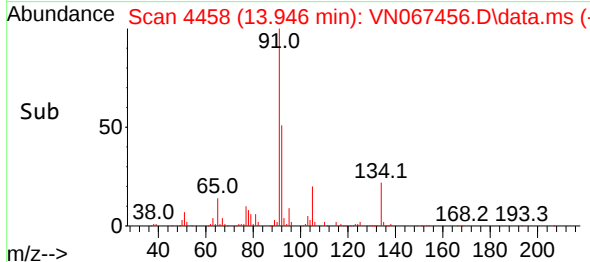
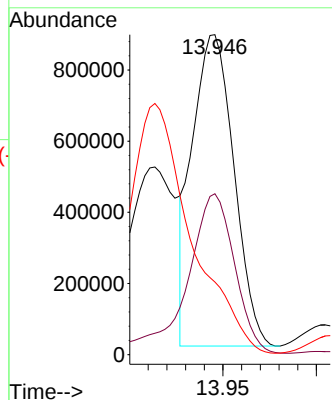
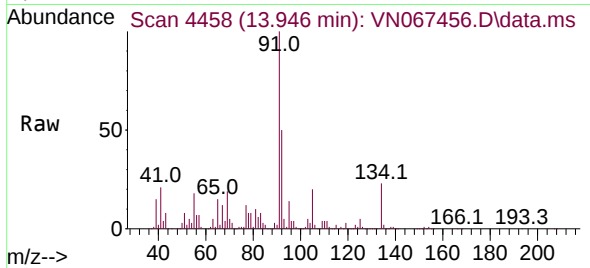




#89
n-Butylbenzene
Concen: 79.153 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

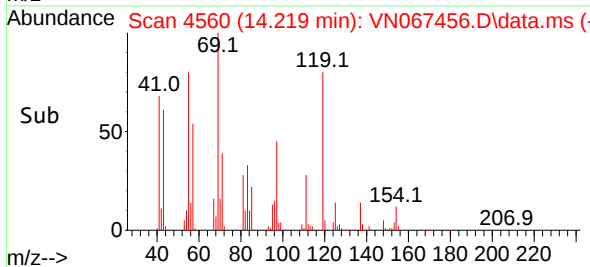
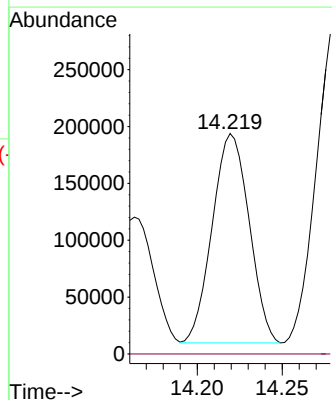
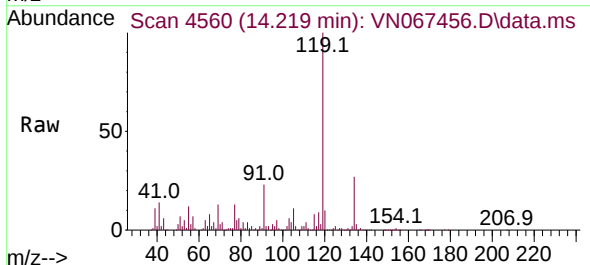
Instrument :
MSVOA_N
ClientSampleId :

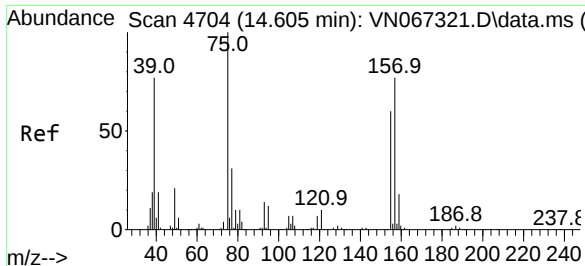
Tgt Ion: 91 Resp: 1354039
Ion Ratio Lower Upper
91 100
92 57.6 25.7 77.1
134 0.0 11.2 33.6#



#90
Hexachloroethane
Concen: 78.014 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.008 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion: 117 Resp: 277754
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#

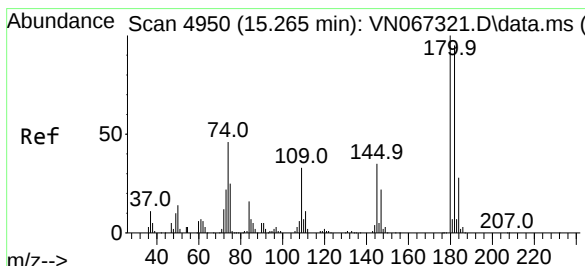
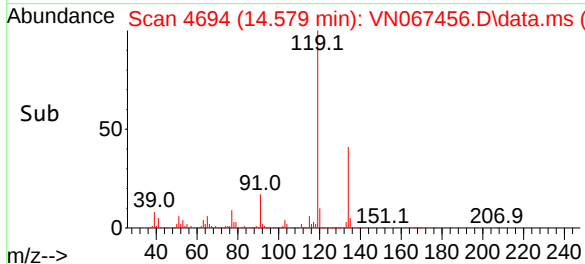
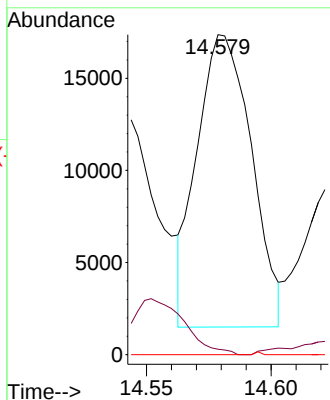
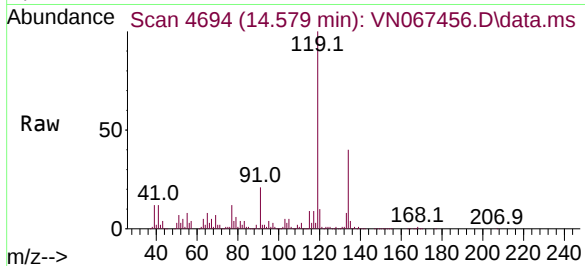




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.620 ug/l
 RT: 14.579 min Scan# 4694
 Delta R.T. -0.026 min
 Lab File: VN067456.D
 Acq: 23 Jun 2021 14:50

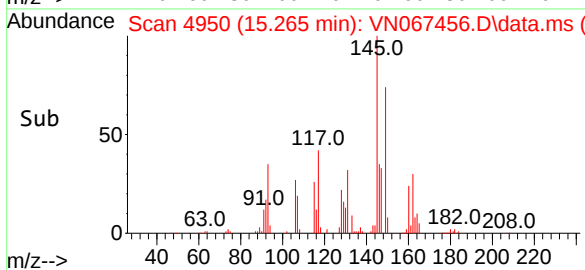
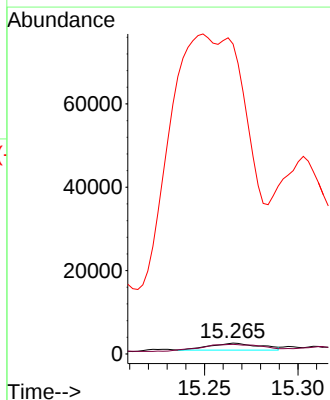
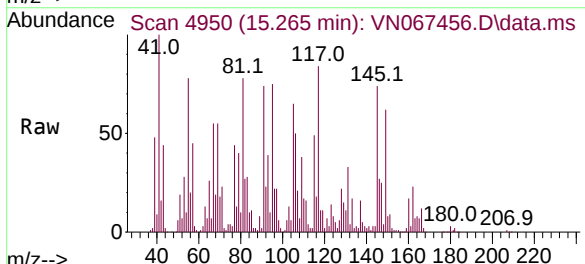
Instrument :
 MSVOA_N
 ClientSampleId :

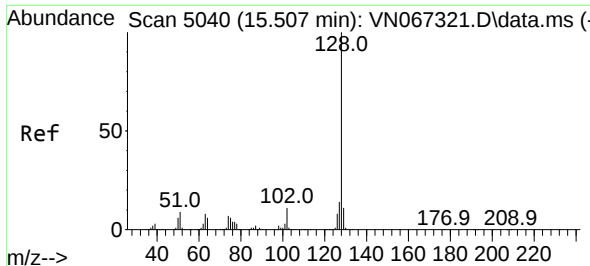
Tgt Ion: 75 Resp: 24111
 Ion Ratio Lower Upper
 75 100
 155 0.0 29.8 89.5#
 157 0.1 37.6 112.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.737 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN067456.D
 Acq: 23 Jun 2021 14:50

Tgt Ion:180 Resp: 3184
 Ion Ratio Lower Upper
 180 100
 182 122.1 47.5 142.5
 145 3367.8 17.2 51.6#

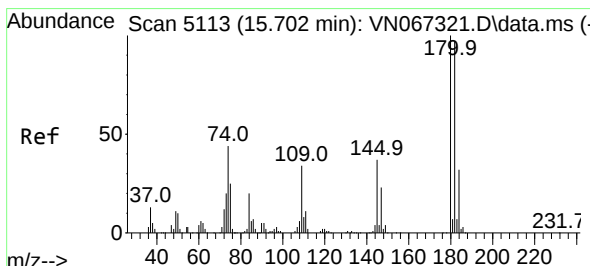
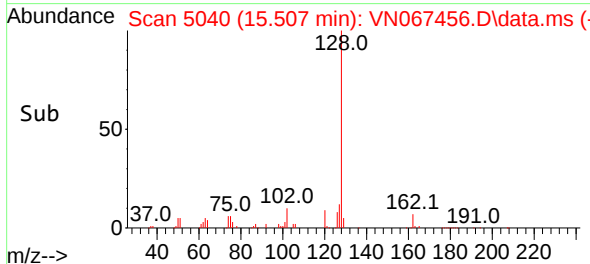
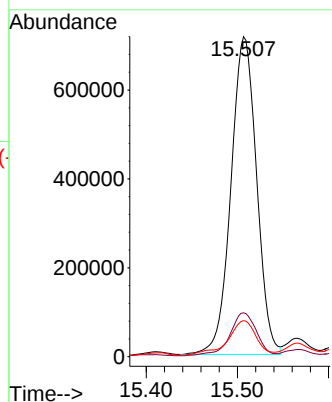
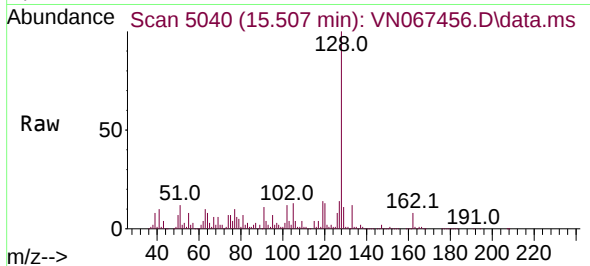




#95
Naphthalene
Concen: 90.807 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1399103
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.393 ug/l
RT: 15.673 min Scan# 5102
Delta R.T. -0.029 min
Lab File: VN067456.D
Acq: 23 Jun 2021 14:50

Tgt Ion:180 Resp: 9930
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 594.3 18.2 54.6#

