

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067265.D
 Acq On : 10 Jun 2021 11:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 05:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	372927	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	678802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	620402	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	243027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	331801	47.07	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.14%
35) Dibromofluoromethane	8.027	113	219272	50.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.38%
50) Toluene-d8	10.443	98	879449	51.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.48%
62) 4-Bromofluorobenzene	12.734	95	346556	48.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.98%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	1920	0.41	ug/l	99
3) Chloromethane	2.306	50	2466	0.41	ug/l #	82
4) Vinyl Chloride	2.443	62	1546	0.27	ug/l	90
7) Trichlorofluoromethane	3.379	101	2281	0.31	ug/l #	69
9) 1,1,2-Trichlorotrifluo...	4.208	101	1472	0.35	ug/l #	46
13) Acrolein	4.060	56	2062	4.28	ug/l #	57
15) Acrylonitrile	5.570	53	3529	1.36	ug/l #	57
16) Acetone	4.296	43	2787	0.98	ug/l #	85
17) Carbon Disulfide	4.521	76	15068	1.26	ug/l	97
21) trans-1,2-Dichloroethene	5.602	96	2391	0.54	ug/l	97
23) Vinyl Acetate	6.444	43	4908	0.29	ug/l #	69
25) 2-Butanone	7.343	43	2332	0.54	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	1276	0.24	ug/l	50
29) Tetrahydrofuran	7.705	42	1421	0.58	ug/l #	61
31) Cyclohexane	8.091	56	13639	1.57	ug/l #	31
36) 1,1-Dichloropropene	8.222	75	4031	0.56	ug/l #	65
38) Carbon Tetrachloride	8.086	117	46201	6.16	ug/l #	15
41) Methacrylonitrile	7.643	41	1066	0.24	ug/l #	50
44) Trichloroethene	9.215	130	2459	0.52	ug/l	88
48) Methyl methacrylate	9.563	41	2313	0.33	ug/l #	76
49) 1,4-Dioxane	9.574	88	1025	12.21	ug/l #	80
51) 4-Methyl-2-Pentanone	10.336	43	18580	2.09	ug/l #	86
52) Toluene	10.513	92	3791	0.29	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	3350	0.35	ug/l #	84
54) cis-1,3-Dichloropropene	10.191	75	2247	0.23	ug/l #	70
55) 1,1,2-Trichloroethane	10.902	97	1751	0.35	ug/l #	86
56) Ethyl methacrylate	10.762	69	3971	0.43	ug/l #	82
57) 1,3-Dichloropropane	11.049	76	1917	0.21	ug/l #	47
58) 2-Chloroethyl Vinyl ether	10.038	63	452	28.26	ug/l	90
59) 2-Hexanone	11.092	43	34050	5.31	ug/l	88
61) 1,2-Dibromoethane	11.347	107	1909	0.37	ug/l	98
64) Tetrachloroethene	10.980	164	2746	0.64	ug/l #	81
65) Chlorobenzene	11.776	112	7133	0.54	ug/l	96
67) Ethyl Benzene	11.846	91	11521	0.45	ug/l #	85
68) m/p-Xylenes	11.956	106	8912	0.96	ug/l	79
69) o-Xylene	12.283	106	3539	0.39	ug/l	73

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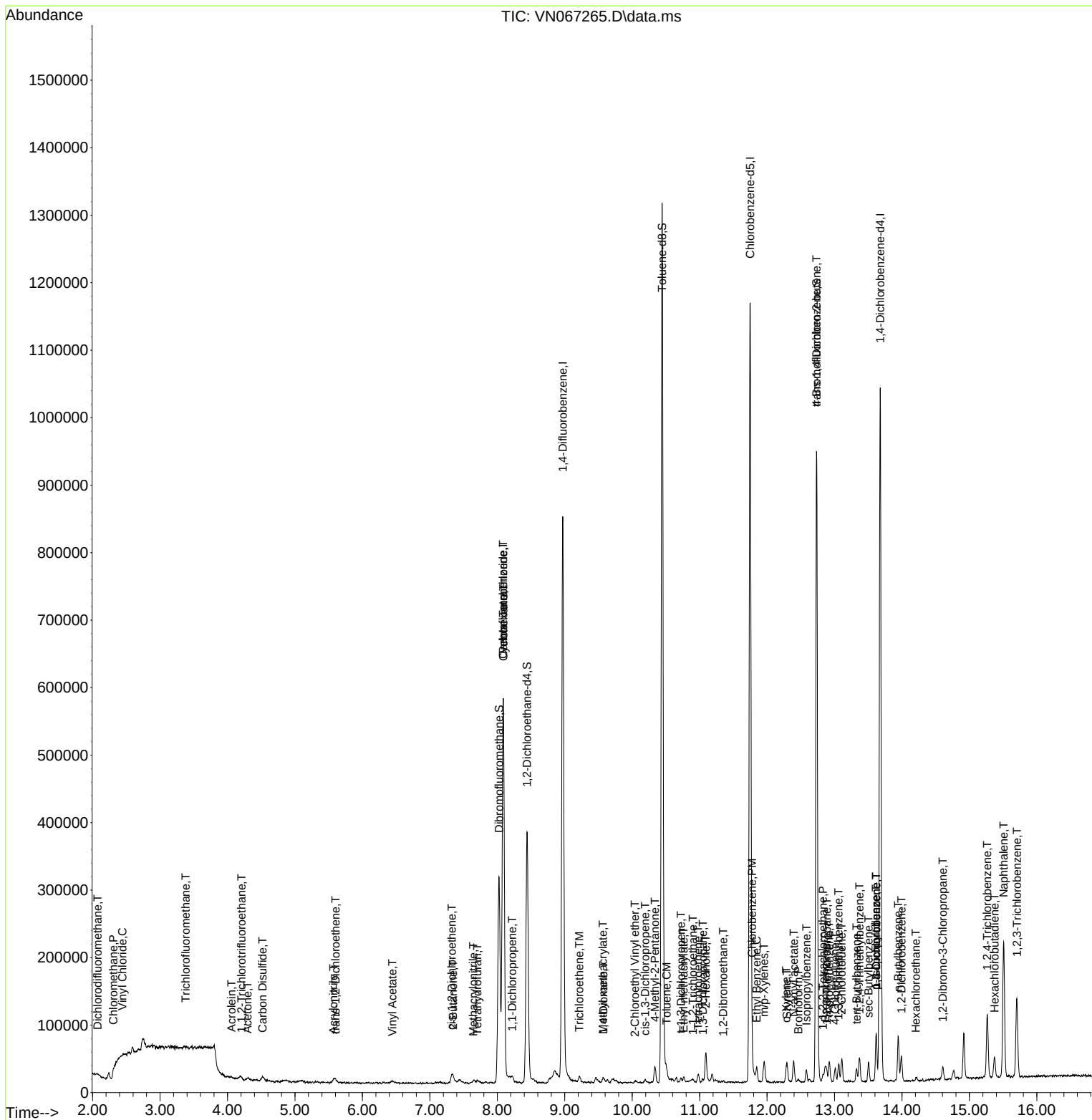
Quant Time: Jun 11 05:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

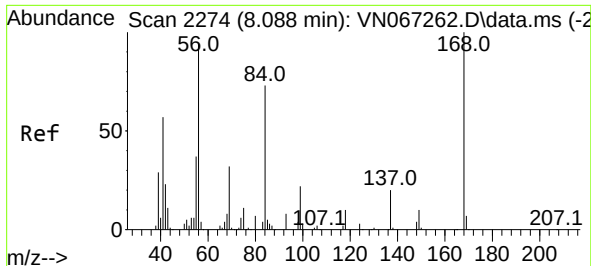
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	12.296	104	9631	0.63	ug/l #	87
71) Bromoform	12.465	173	1649	0.44	ug/l #	86
73) Isopropylbenzene	12.583	105	11191	0.49	ug/l	98
74) N-amyl acetate	12.396	43	22253	1.98	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.830	83	4692	0.69	ug/l #	93
76) 1,2,3-Trichloropropane	12.884	75	8172	1.27	ug/l #	100
77) Bromobenzene	12.865	156	3946	0.87	ug/l #	55
78) n-propylbenzene	12.921	91	23155	0.87	ug/l	91
79) 2-Chlorotoluene	13.106	91	19440	1.18	ug/l	86
80) 1,3,5-Trimethylbenzene	13.061	105	14025	0.72	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.734	75	201969	80.03	ug/l #	15
82) 4-Chlorotoluene	13.007	91	11572	0.72	ug/l	91
83) tert-Butylbenzene	13.329	119	8306	0.52	ug/l	76
84) 1,2,4-Trimethylbenzene	13.372	105	17632	0.92	ug/l	92
85) sec-Butylbenzene	13.503	105	18427	0.82	ug/l	97
86) p-Isopropyltoluene	13.616	119	19601	1.03	ug/l #	89
87) 1,3-Dichlorobenzene	13.619	146	12313	1.48	ug/l	89
88) 1,4-Dichlorobenzene	13.619	146	12313	1.51	ug/l	87
89) n-Butylbenzene	13.943	91	37115	2.12	ug/l	96
90) Hexachloroethane	14.206	117	1277	0.37	ug/l	61
91) 1,2-Dichlorobenzene	13.994	146	12674	1.61	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.606	75	5575	3.39	ug/l	57
93) 1,2,4-Trichlorobenzene	15.265	180	26185	6.46	ug/l	94
94) Hexachlorobutadiene	15.373	225	5801	2.45	ug/l	99
95) Naphthalene	15.507	128	170686	16.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	35029	9.32	ug/l	96

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

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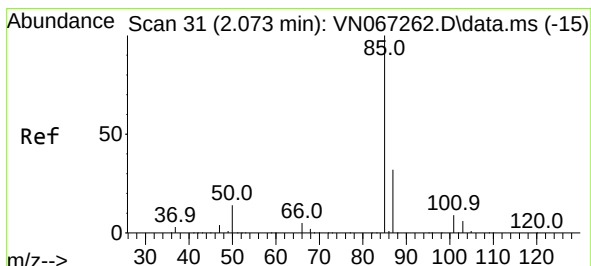
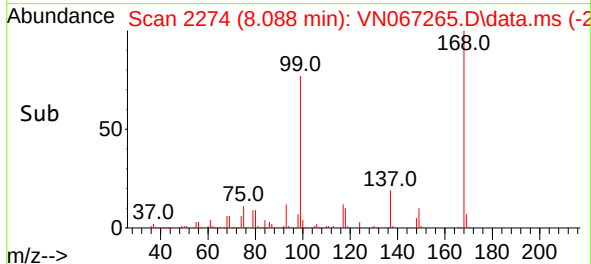
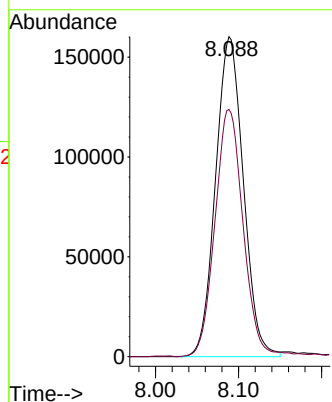
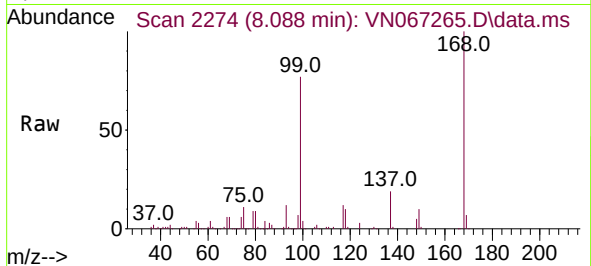




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

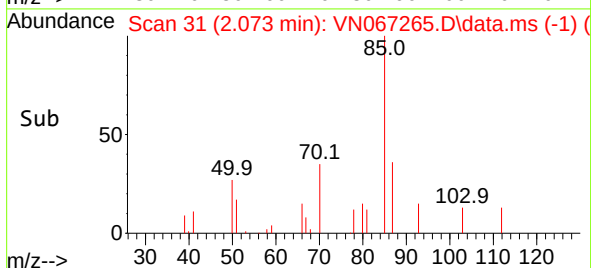
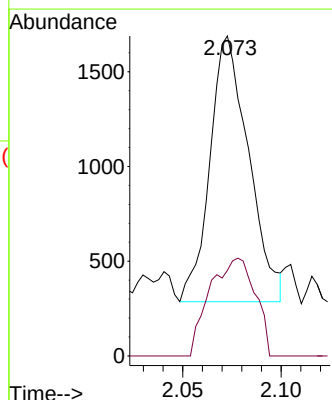
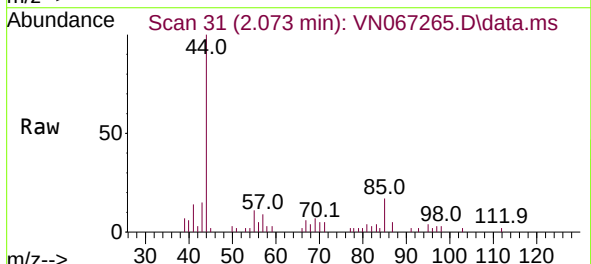
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MSVOA_N
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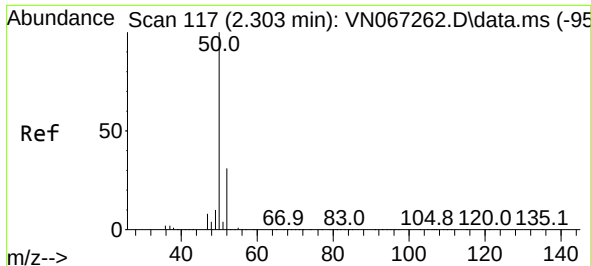
Tgt Ion:168 Resp: 372927
Ion Ratio Lower Upper
168 100
99 77.2 38.5 57.7#



#2
Dichlorodifluoromethane
Concen: 0.41 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 85 Resp: 1920
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4

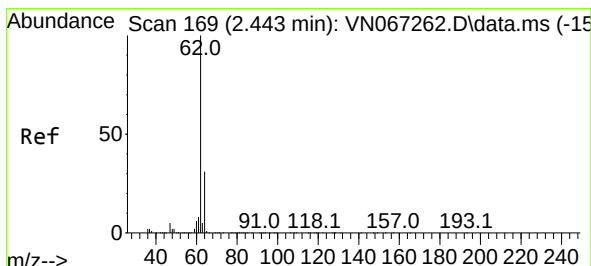
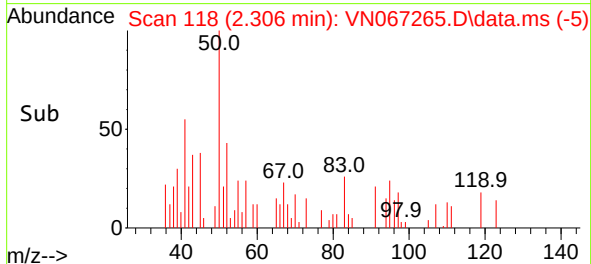
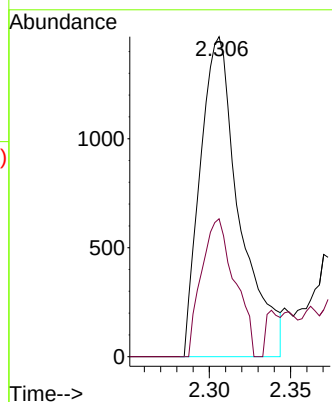
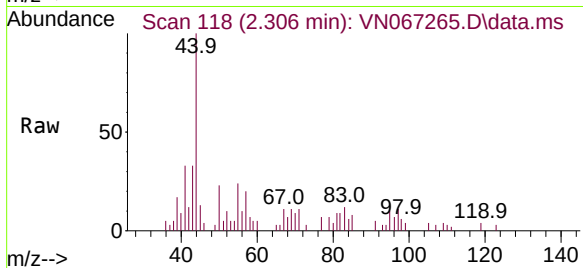




#3
Chloromethane
Concen: 0.41 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

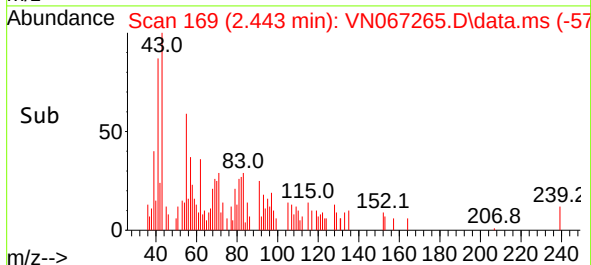
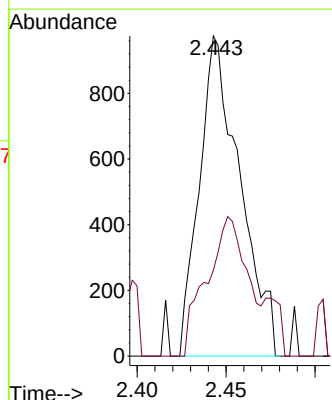
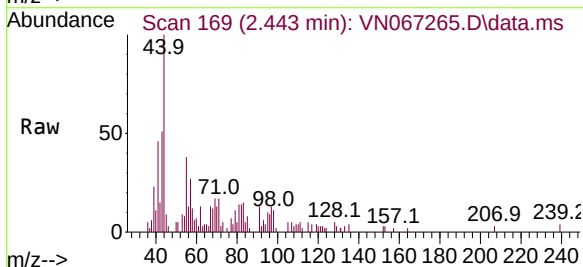
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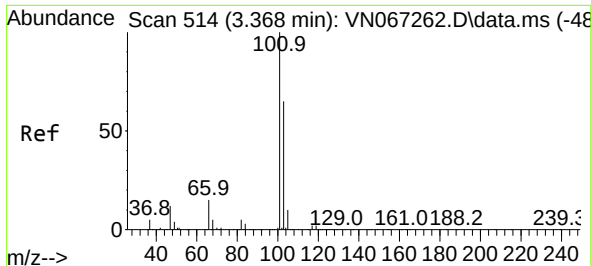
Tgt Ion: 50 Resp: 2466
Ion Ratio Lower Upper
50 100
52 43.1 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.27 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 62 Resp: 1546
Ion Ratio Lower Upper
62 100
64 26.8 25.9 38.9

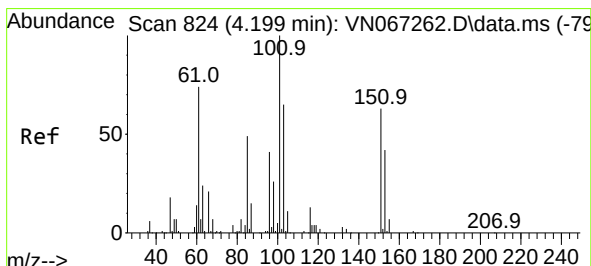
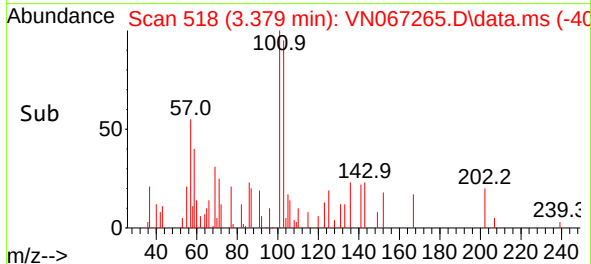
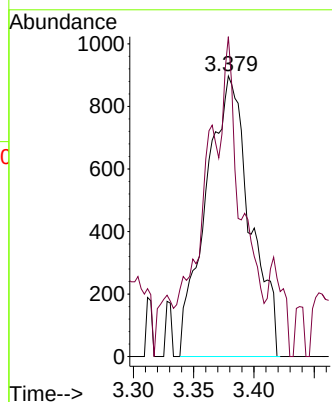
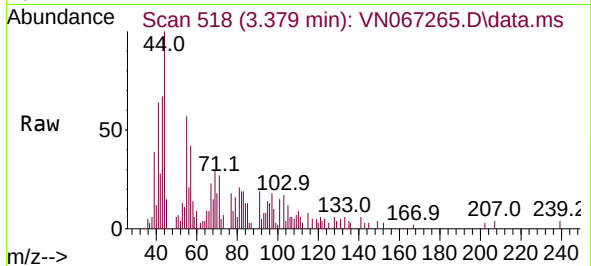




#7
Trichlorofluoromethane
Concen: 0.31 ug/l
RT: 3.379 min Scan# 518
Delta R.T. 0.011 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

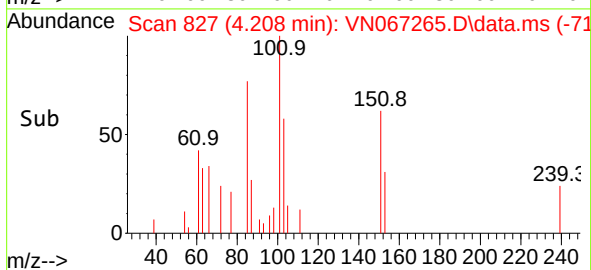
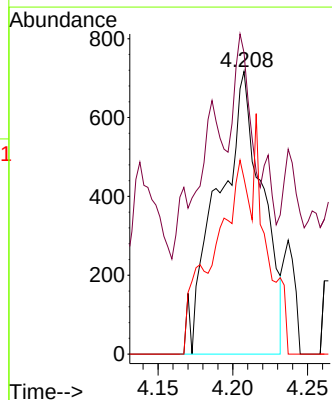
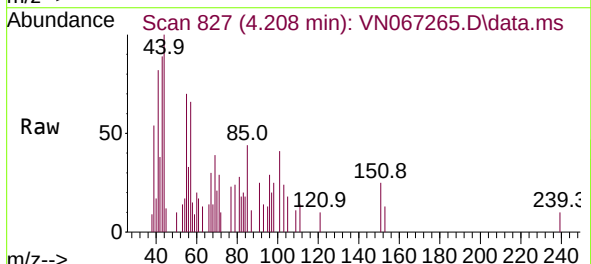
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MSVOA_N
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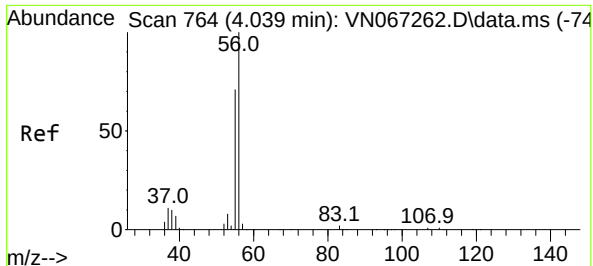
Tgt Ion:101 Resp: 2281
Ion Ratio Lower Upper
101 100
103 90.9 53.2 79.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.35 ug/l
RT: 4.208 min Scan# 827
Delta R.T. 0.008 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:101 Resp: 1472
Ion Ratio Lower Upper
101 100
85 26.3 32.6 49.0#
151 22.8 68.2 102.2#

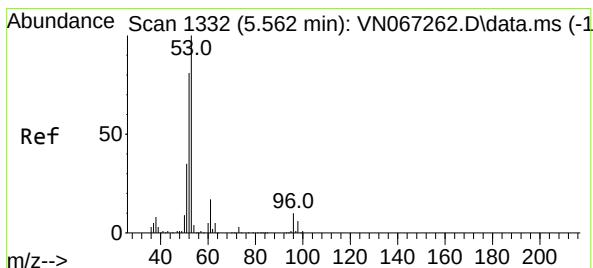
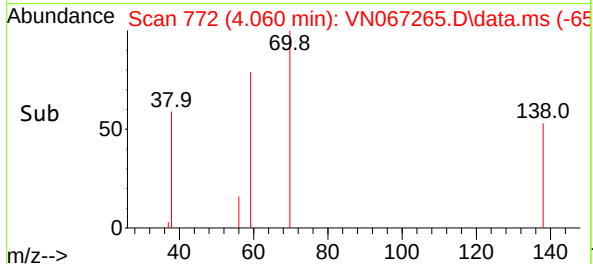
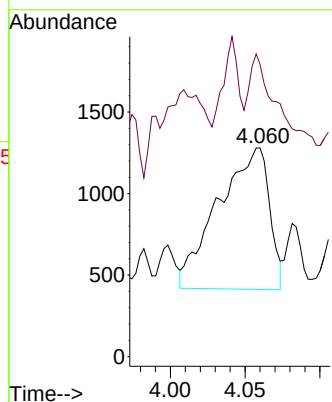
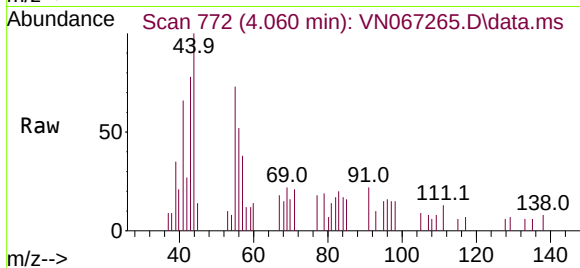




#13
Acrolein
Concen: 4.28 ug/l
RT: 4.060 min Scan# 772
Delta R.T. 0.021 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

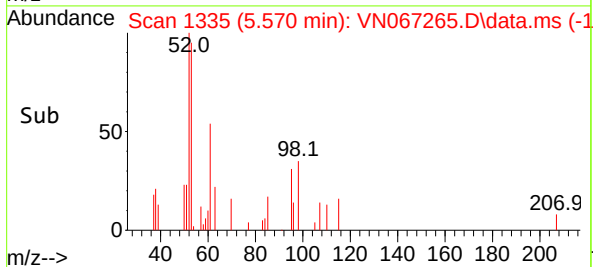
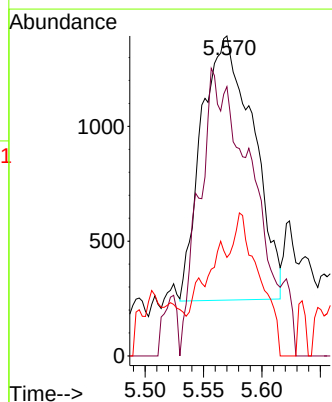
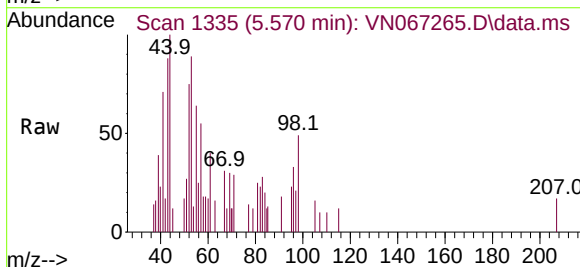
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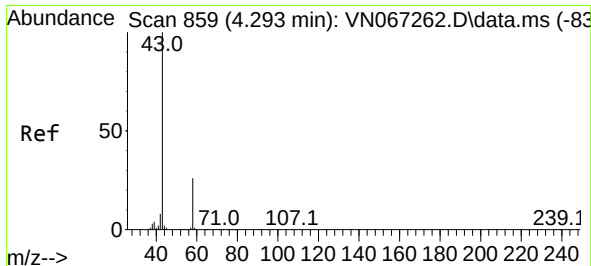
Tgt Ion: 56 Resp: 2062
Ion Ratio Lower Upper
56 100
55 32.5 53.8 80.6#



#15
Acrylonitrile
Concen: 1.36 ug/l
RT: 5.570 min Scan# 1335
Delta R.T. 0.008 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 53 Resp: 3529
Ion Ratio Lower Upper
53 100
52 45.0 66.6 100.0#
51 8.8 28.6 42.8#

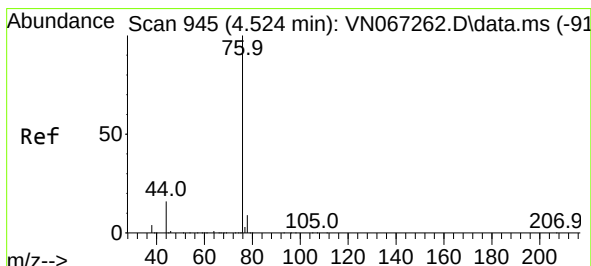
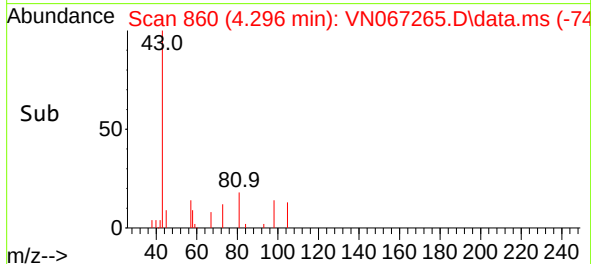
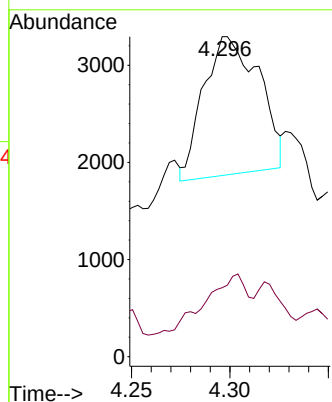
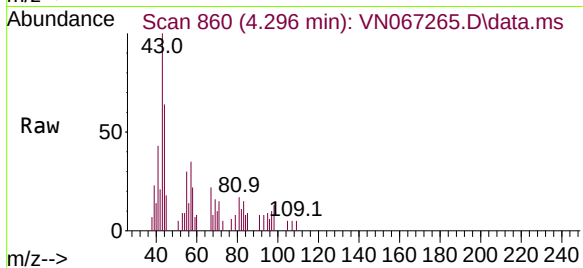




#16
Acetone
Concen: 0.98 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

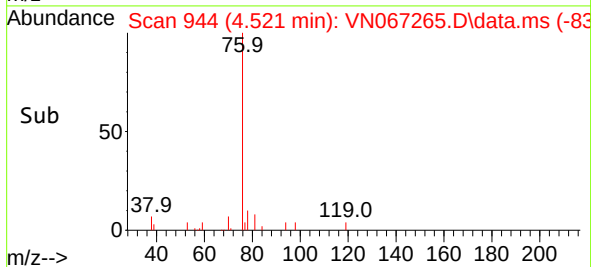
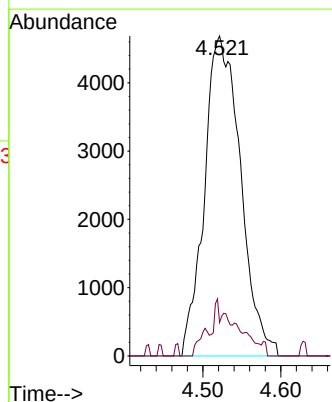
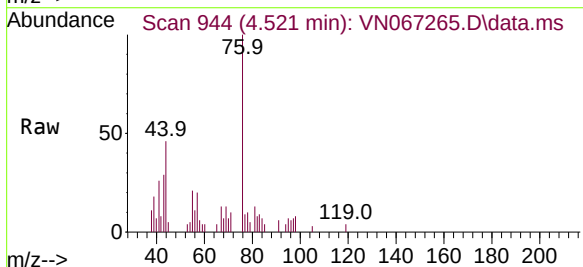
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ClientSampled :

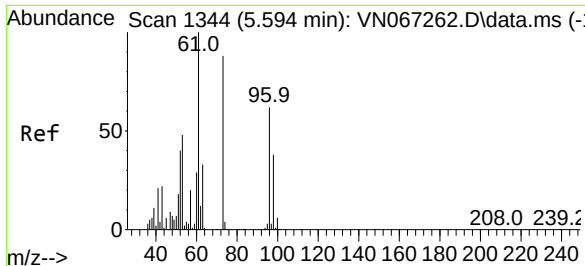
Tgt Ion: 43 Resp: 2787
Ion Ratio Lower Upper
43 100
58 25.6 27.2 40.8#



#17
Carbon Disulfide
Concen: 1.26 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 76 Resp: 15068
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

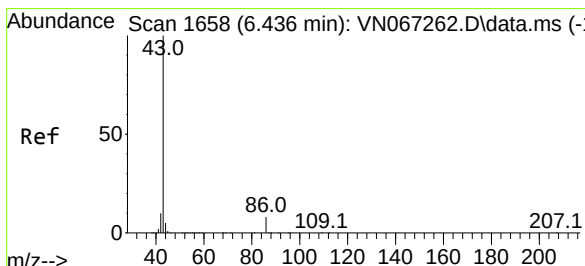
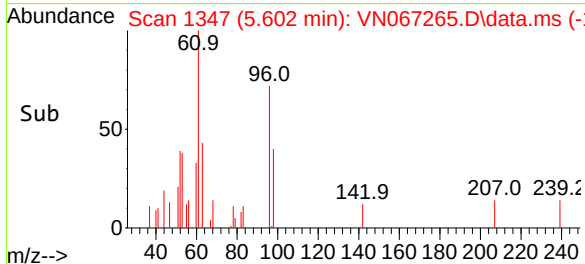
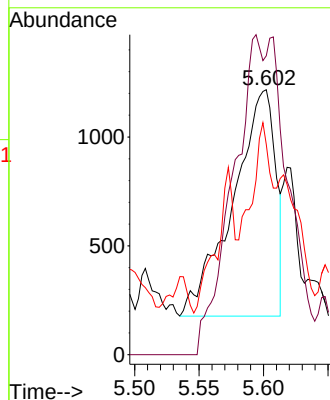
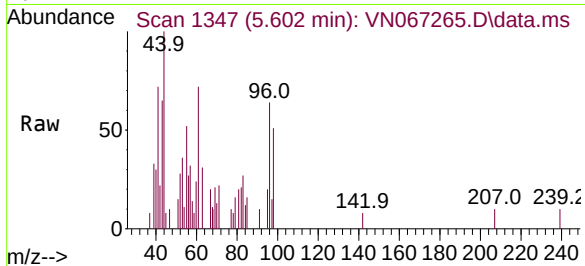




#21
trans-1,2-Dichloroethene
Concen: 0.54 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. 0.008 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

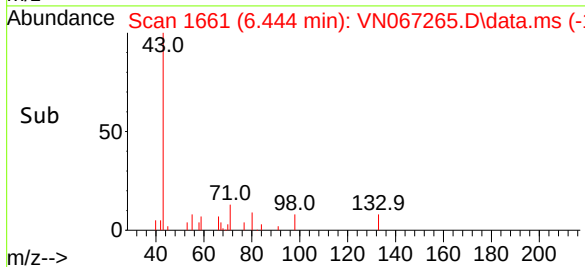
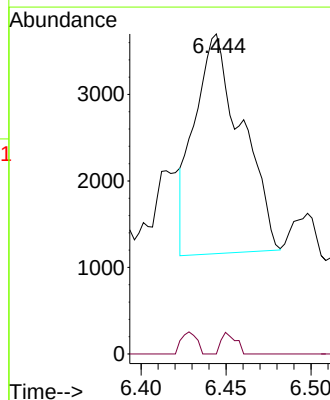
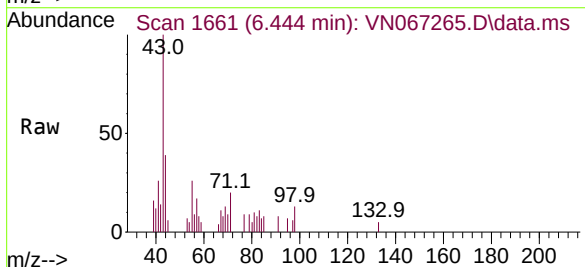
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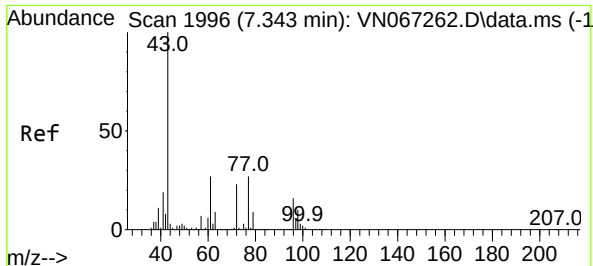
Tgt Ion: 96 Resp: 2391
Ion Ratio Lower Upper
96 100
61 132.0 103.8 155.6
98 58.4 49.8 74.8



#23
Vinyl Acetate
Concen: 0.29 ug/l
RT: 6.444 min Scan# 1661
Delta R.T. 0.008 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 43 Resp: 4908
Ion Ratio Lower Upper
43 100
86 0.0 9.5 14.3#

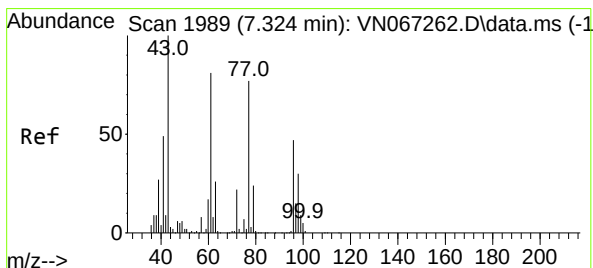
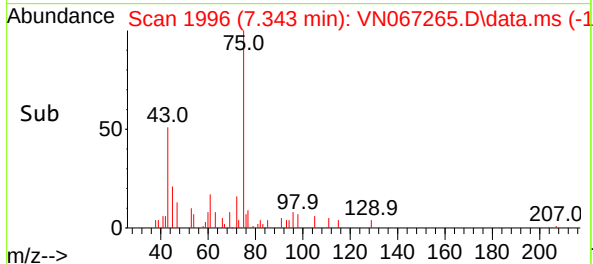
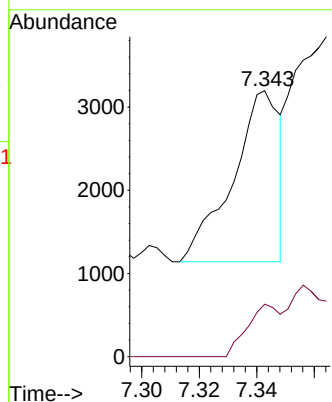
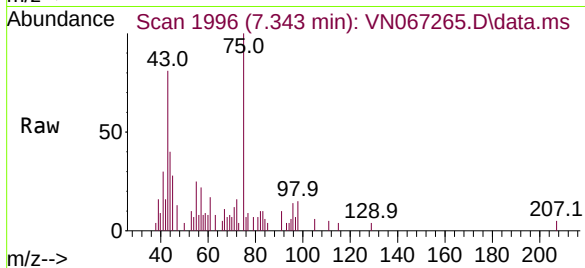




#25
2-Butanone
Concen: 0.54 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

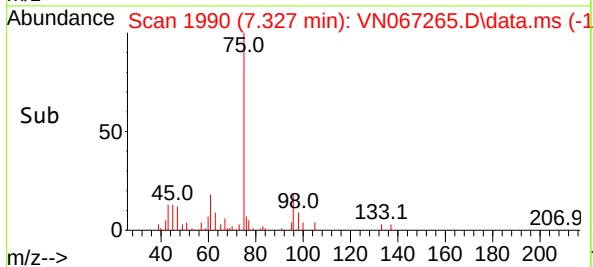
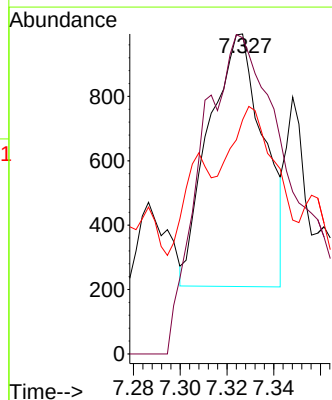
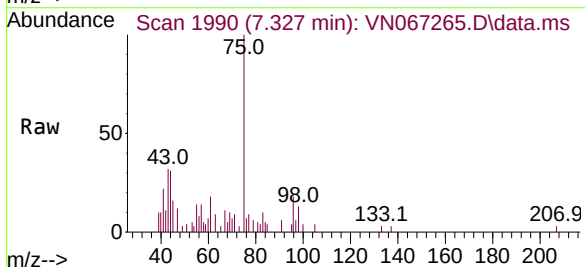
Instrument :
MSVOA_N
ClientSampled :

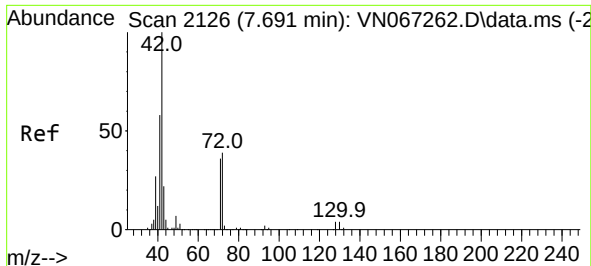
Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
72 30.7 24.4 36.6



#27
cis-1,2-Dichloroethene
Concen: 0.24 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 96 Resp: 1276
Ion Ratio Lower Upper
96 100
61 209.6 0.0 272.4
98 43.9 0.0 130.4





#29

Tetrahydrofuran

Concen: 0.58 ug/l

RT: 7.705 min Scan# 2131

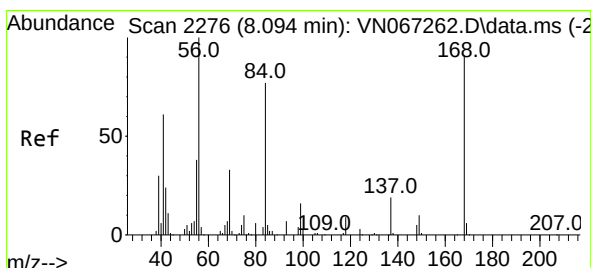
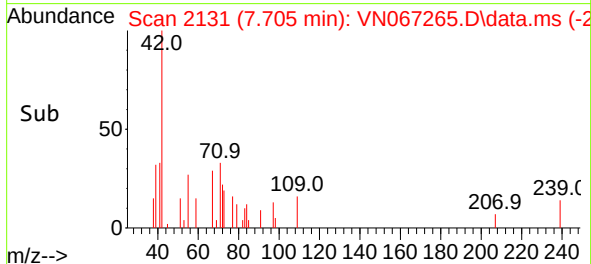
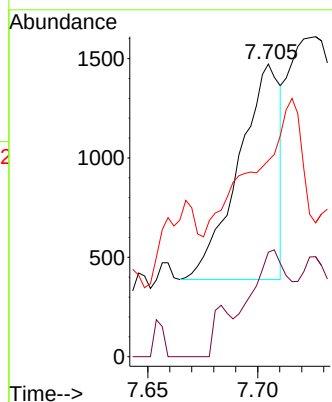
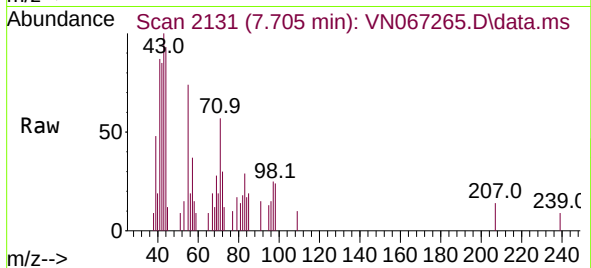
Delta R.T. 0.013 min

Lab File: VN067265.D

Acq: 10 Jun 2021 11:58

Tgt Ion:	42	Resp:	1421
Ion	Ratio	Lower	Upper
42	100		
72	44.2	40.1	60.1
71	0.0	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :



#31

Cyclohexane

Concen: 1.57 ug/l

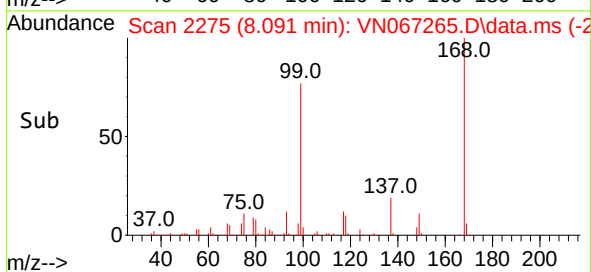
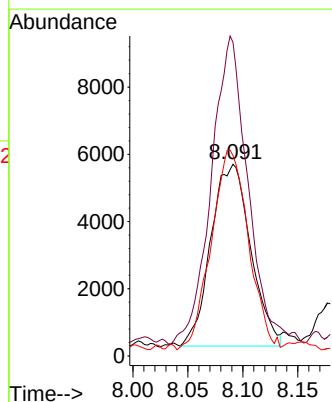
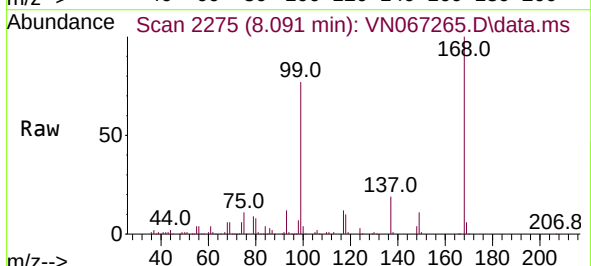
RT: 8.091 min Scan# 2275

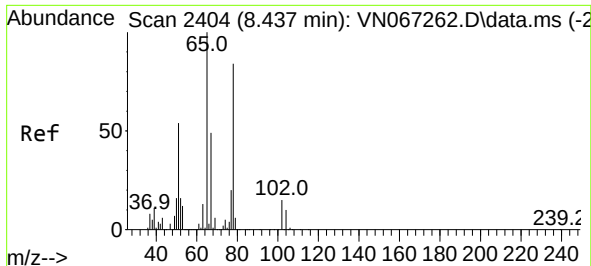
Delta R.T. -0.003 min

Lab File: VN067265.D

Acq: 10 Jun 2021 11:58

Tgt Ion:	56	Resp:	13639
Ion	Ratio	Lower	Upper
56	100		
69	159.7	28.0	42.0
84	105.4	74.2	111.2





#33

1,2-Dichloroethane-d4

Concen: 47.07 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN067265.D

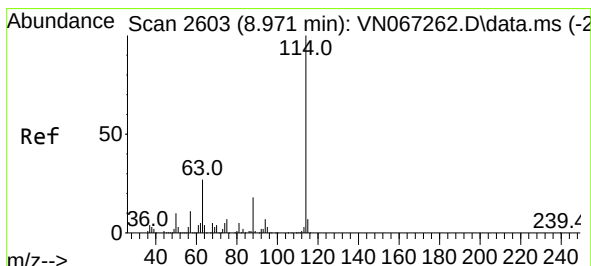
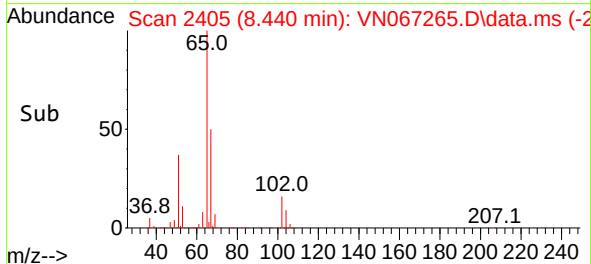
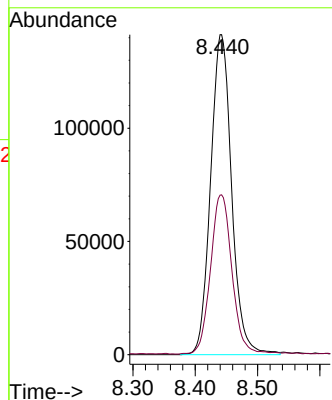
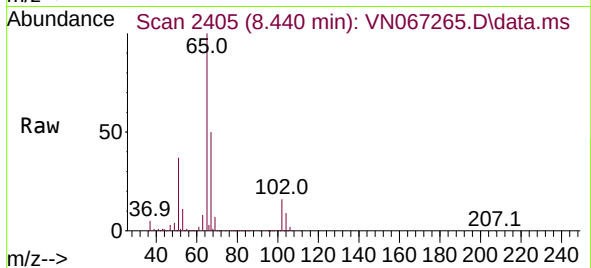
Acq: 10 Jun 2021 11:58

Tgt Ion: 65 Resp: 331801

Ion Ratio Lower Upper

65 100

67 50.6 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. -0.000 min

Lab File: VN067265.D

Acq: 10 Jun 2021 11:58

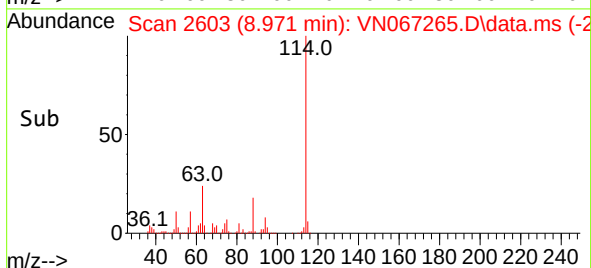
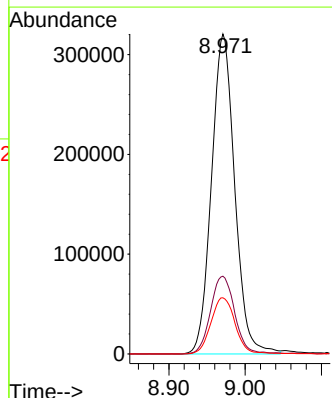
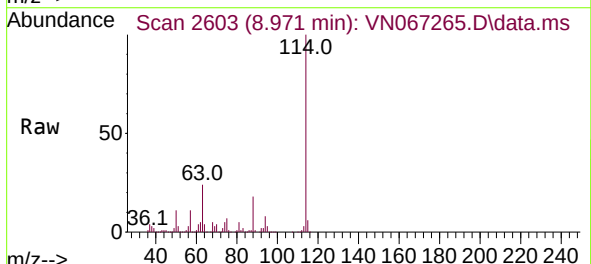
Tgt Ion: 114 Resp: 678802

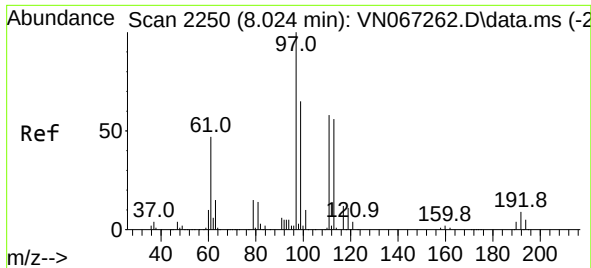
Ion Ratio Lower Upper

114 100

63 24.3 0.0 35.8

88 17.6 0.0 30.4

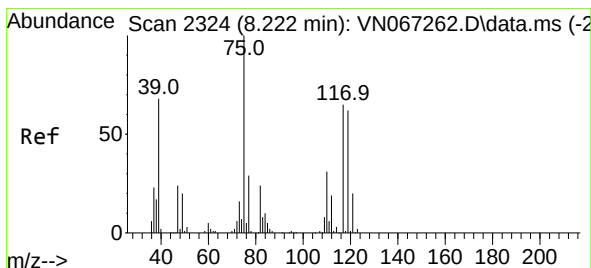
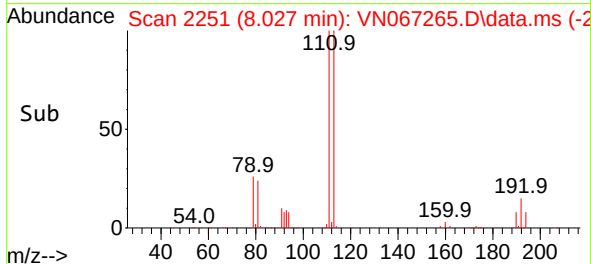
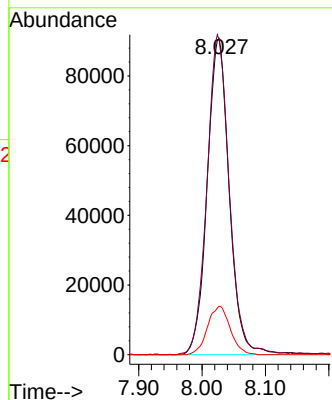
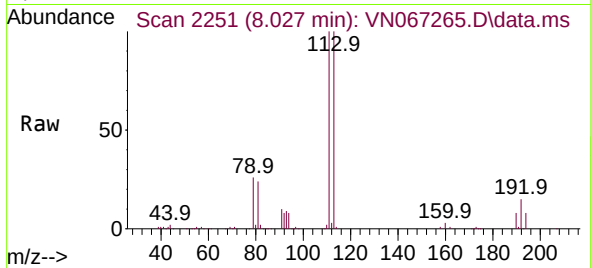




#35
Dibromofluoromethane
Concen: 50.69 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

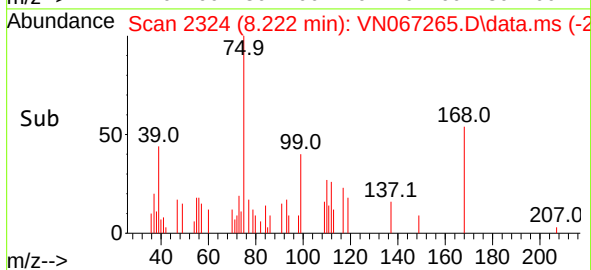
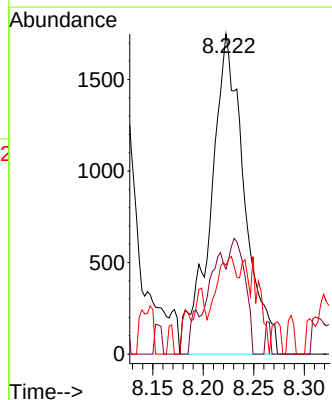
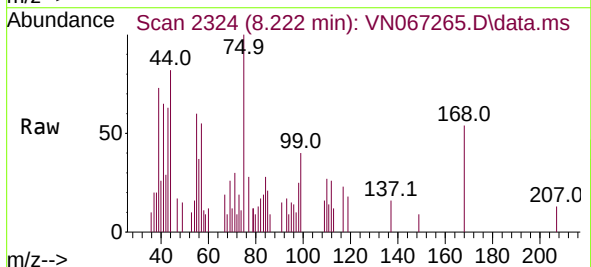
Instrument :
MSVOA_N
ClientSampled :

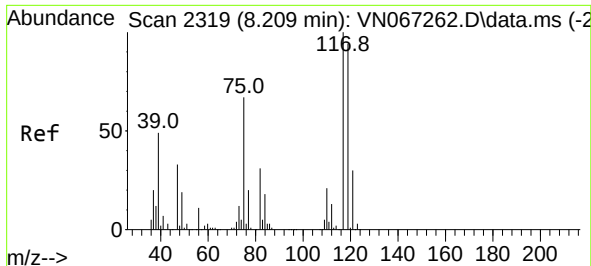
Tgt Ion:113 Resp: 219272
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 15.8 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 0.56 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

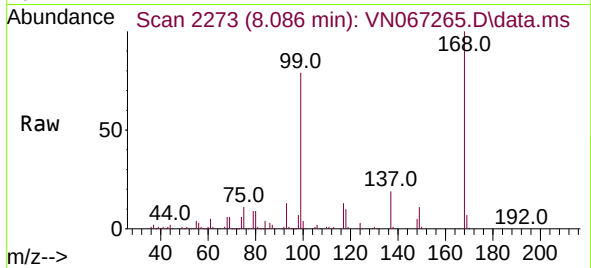
Tgt Ion: 75 Resp: 4031
Ion Ratio Lower Upper
75 100
110 17.6 19.1 57.3#
77 11.3 24.8 37.2#



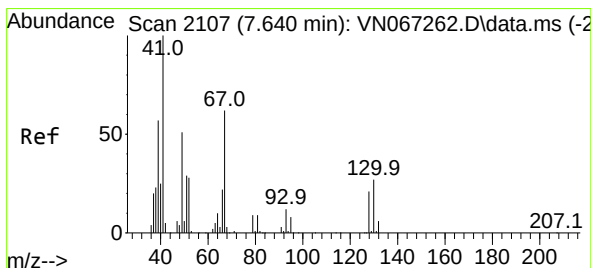
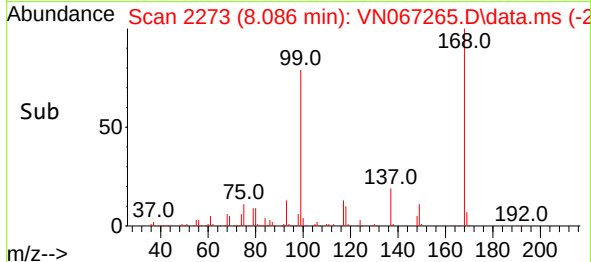
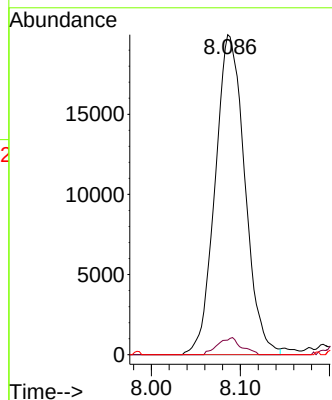


#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Instrument :
MSVOA_N
ClientSampled :

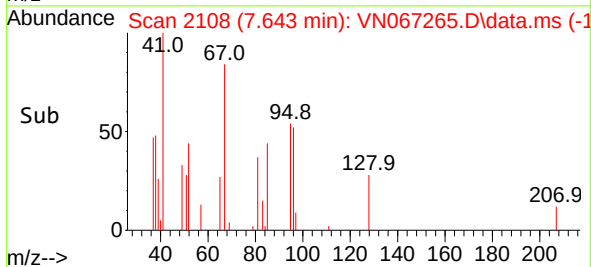
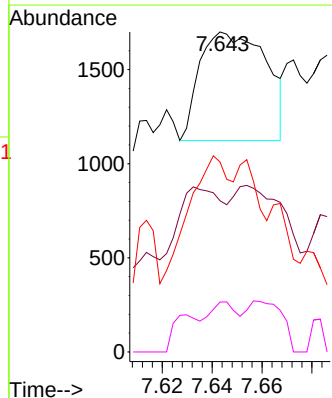
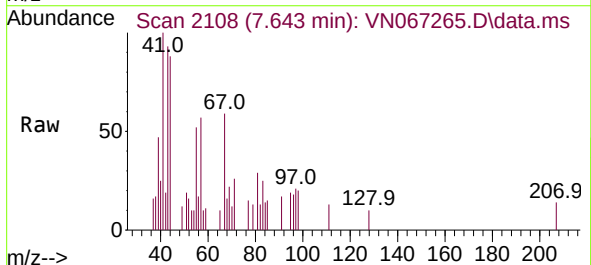


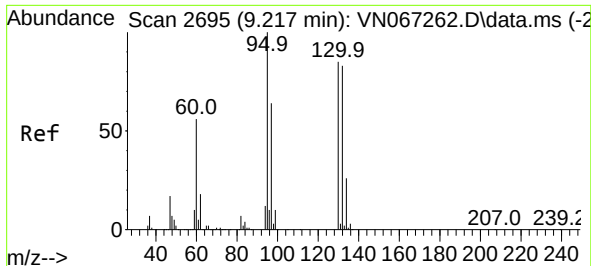
Tgt Ion: 117 Resp: 46201
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 0.24 ug/l
RT: 7.643 min Scan# 2108
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 41 Resp: 1066
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9#
67 62.4 85.1 127.7#
52 20.5 30.1 45.1#

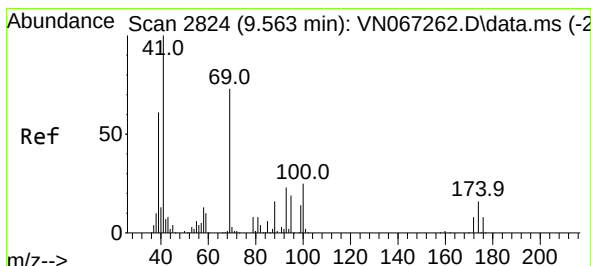
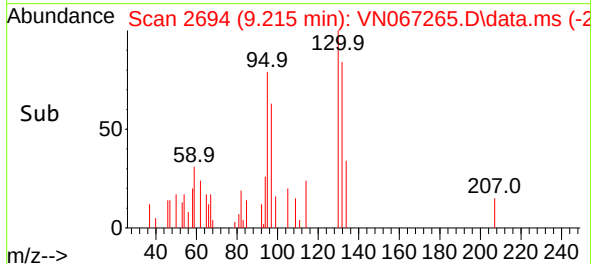
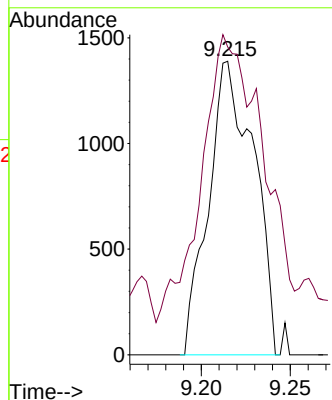
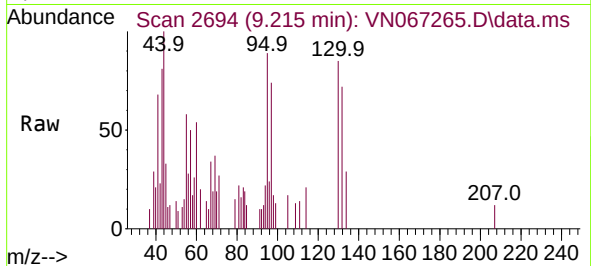




#44
Trichloroethene
Concen: 0.52 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

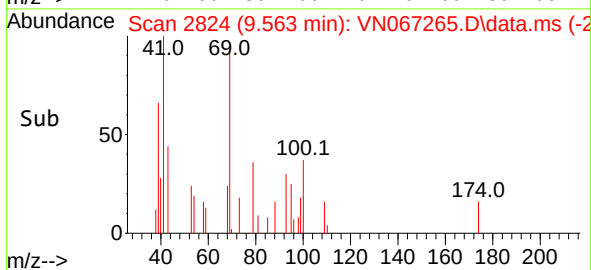
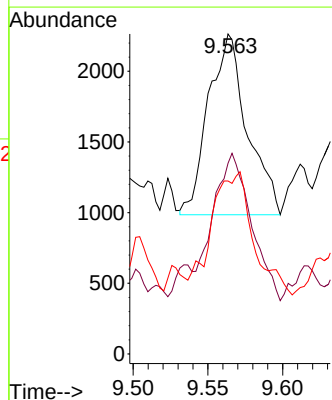
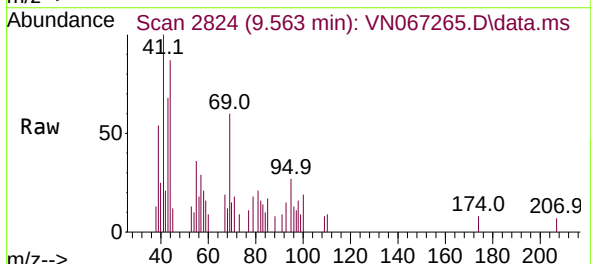
Instrument :
MSVOA_N
ClientSampleId :

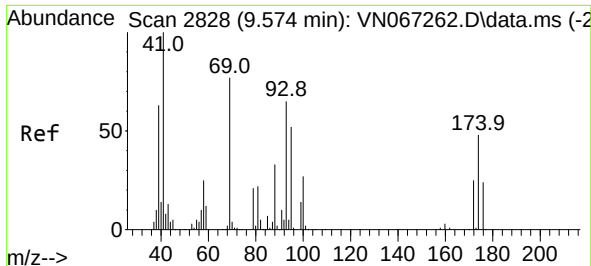
Tgt Ion:130 Resp: 2459
Ion Ratio Lower Upper
130 100
95 80.2 0.0 182.4



#48
Methyl methacrylate
Concen: 0.33 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

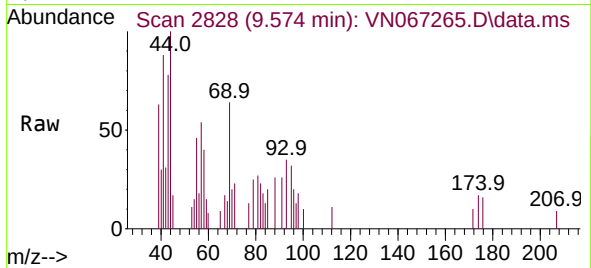
Tgt Ion: 41 Resp: 2313
Ion Ratio Lower Upper
41 100
69 79.8 80.5 120.7#
39 72.5 41.4 62.0#



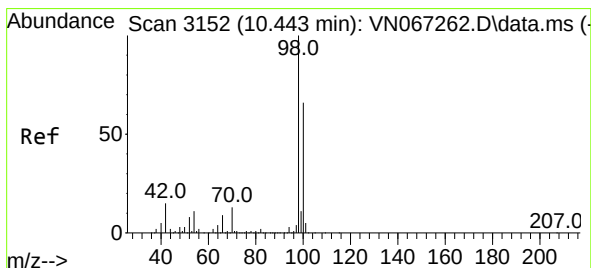
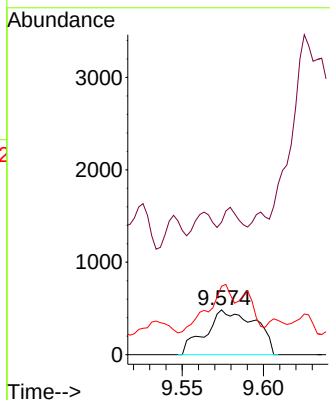
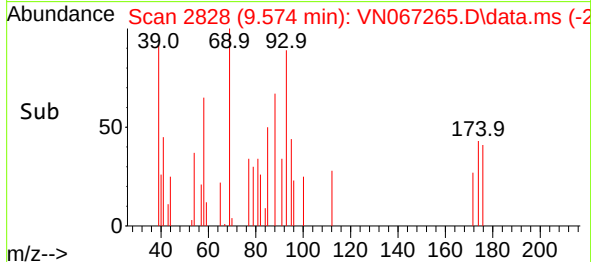


#49
1,4-Dioxane
Concen: 12.21 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

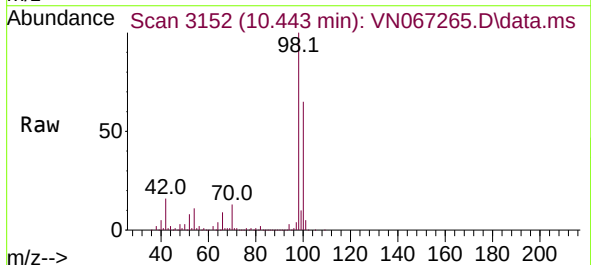
Instrument :
MSVOA_N
ClientSampleId :



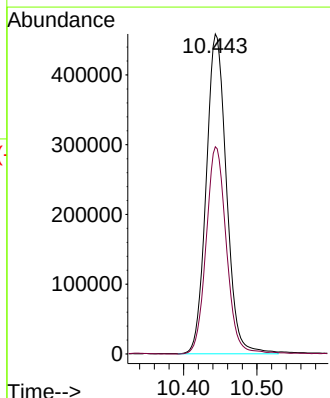
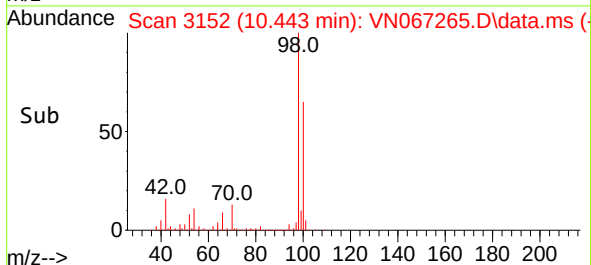
Tgt Ion: 88 Resp: 1025
Ion Ratio Lower Upper
88 100
43 11.3 21.8 32.8#
58 51.2 50.8 76.2

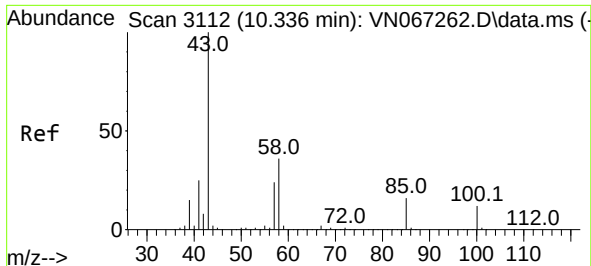


#50
Toluene-d8
Concen: 51.74 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58



Tgt Ion: 98 Resp: 879449
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8

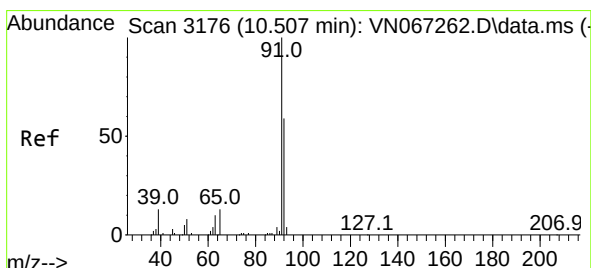
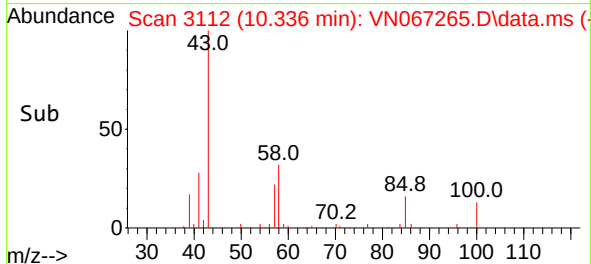
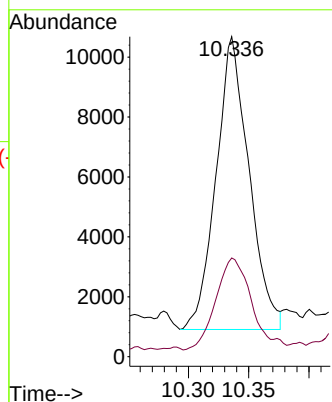
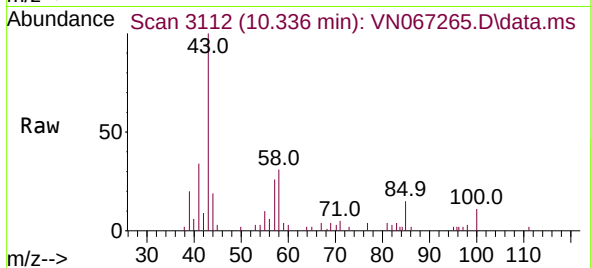




#51
4-Methyl-2-Pentanone
Concen: 2.09 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

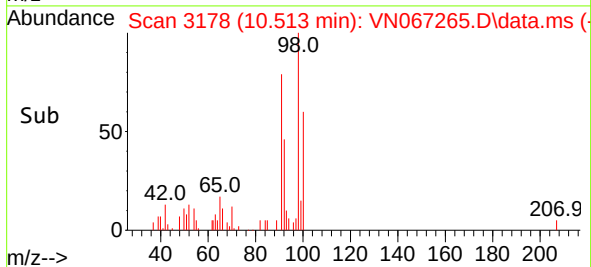
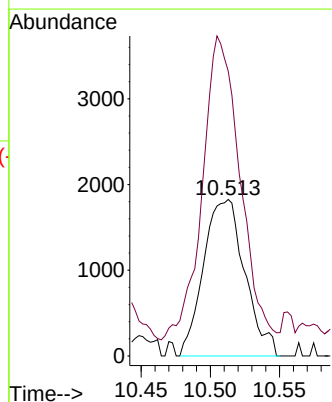
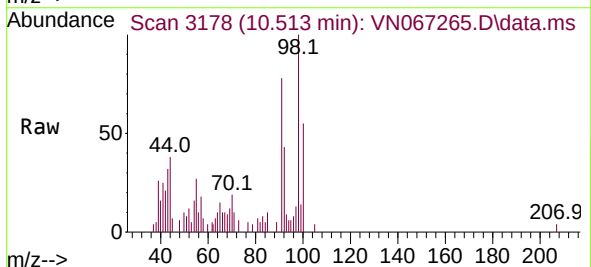
Instrument :
MSVOA_N
ClientSampled :

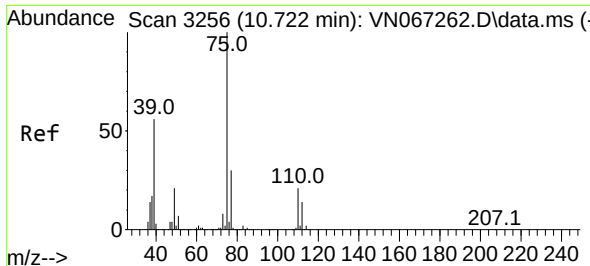
Tgt Ion: 43 Resp: 18580
Ion Ratio Lower Upper
43 100
58 34.0 34.5 51.7#



#52
Toluene
Concen: 0.29 ug/l
RT: 10.513 min Scan# 3178
Delta R.T. 0.005 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 92 Resp: 3791
Ion Ratio Lower Upper
92 100
91 175.8 138.7 208.1

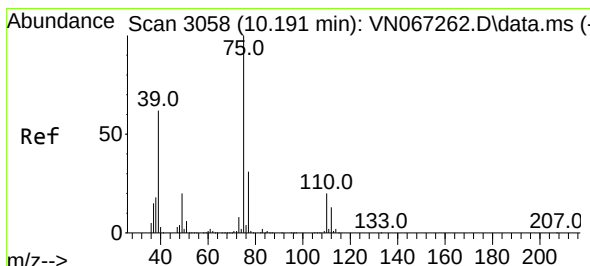
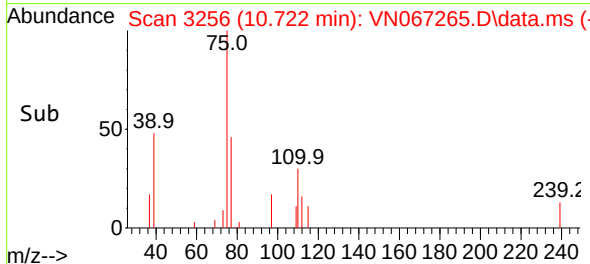
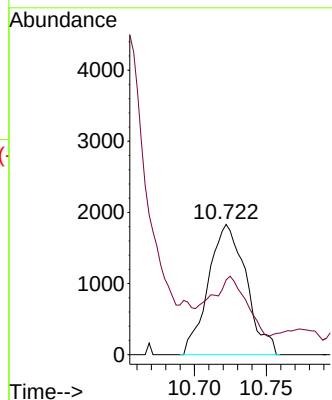
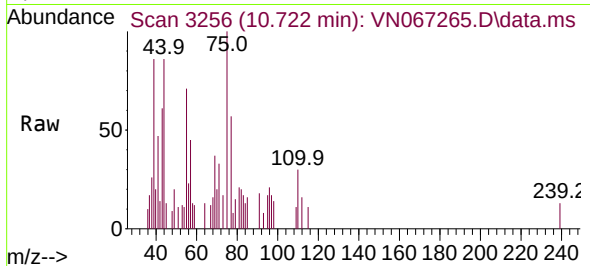




#53
t-1,3-Dichloropropene
Concen: 0.35 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

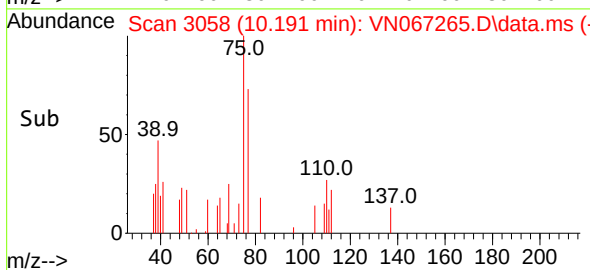
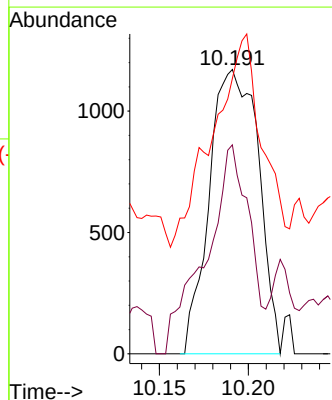
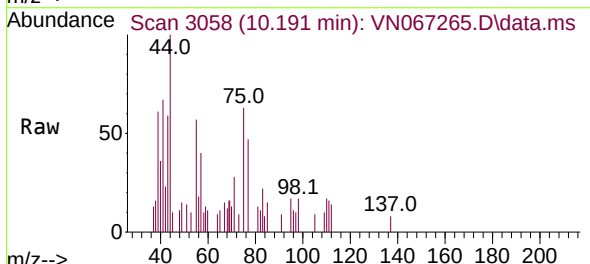
Instrument :
MSVOA_N
ClientSampled :

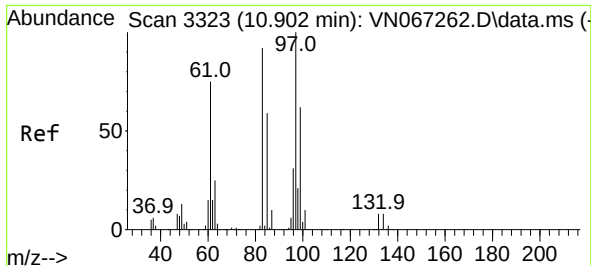
Tgt Ion: 75 Resp: 3350
Ion Ratio Lower Upper
75 100
77 40.8 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 0.23 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 75 Resp: 2247
Ion Ratio Lower Upper
75 100
77 57.0 25.1 37.7#
39 49.1 30.9 46.3#

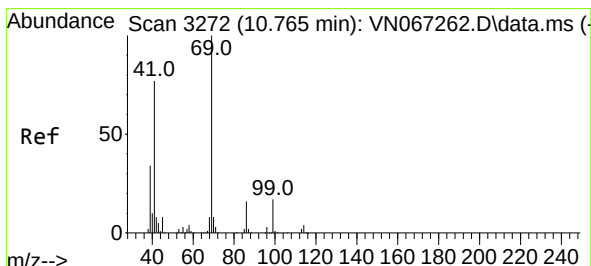
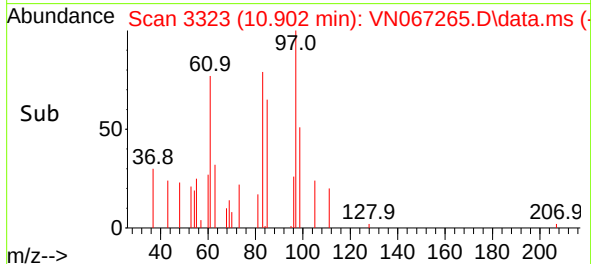
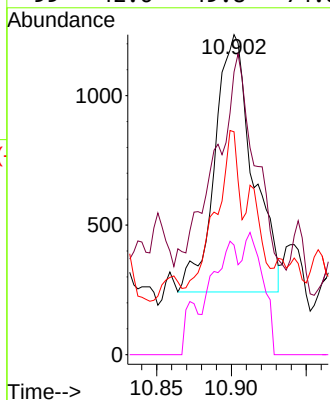
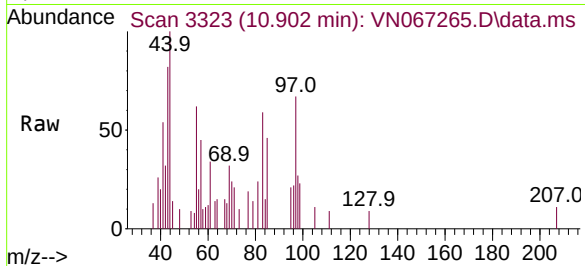




#55
1,1,2-Trichloroethane
Concen: 0.35 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

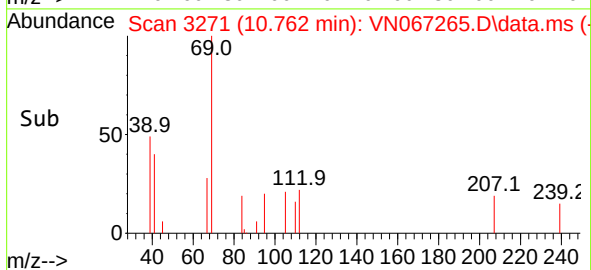
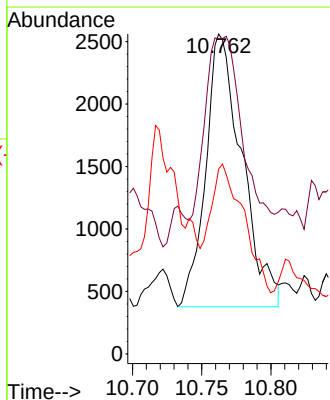
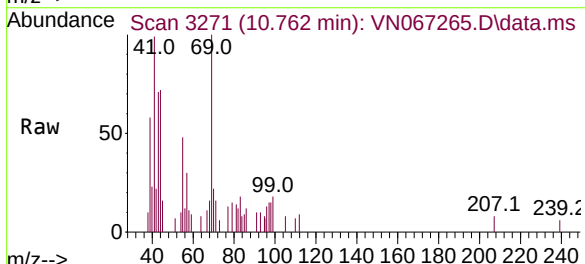
Instrument :
MSVOA_N
ClientSampleId :

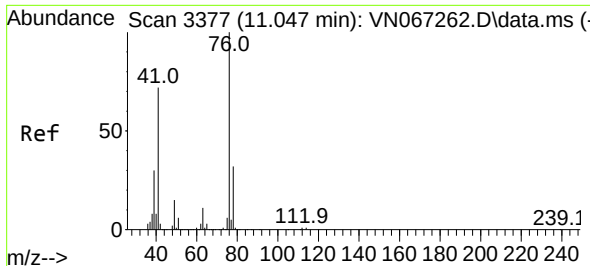
Tgt Ion:	97	Resp:	1751
Ion	Ratio	Lower	Upper
97	100		
83	72.9	67.3	100.9
85	58.3	44.2	66.4
99	42.6	49.8	74.8#



#56
Ethyl methacrylate
Concen: 0.43 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:	69	Resp:	3971
Ion	Ratio	Lower	Upper
69	100		
41	65.2	45.5	68.3
39	45.2	22.9	34.3#

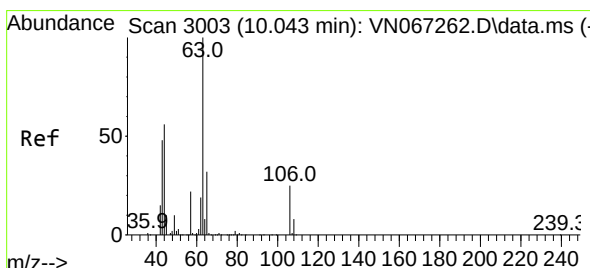
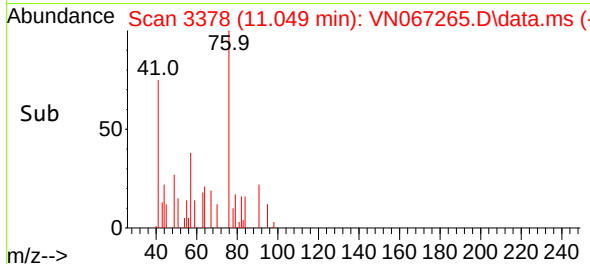
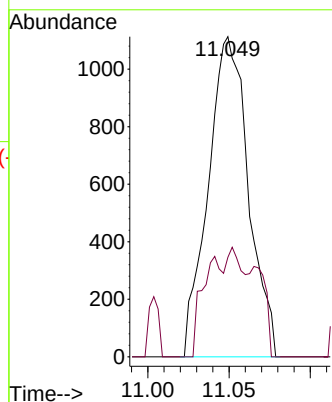
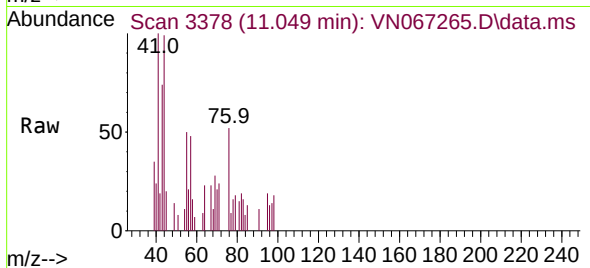




#57
1,3-Dichloropropane
Concen: 0.21 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. 0.002 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

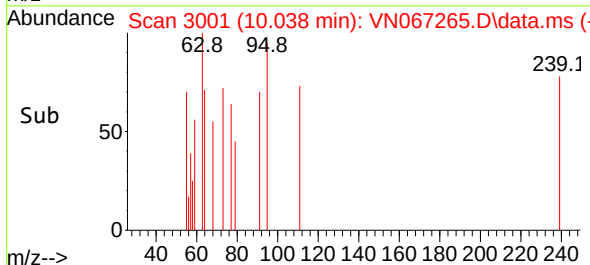
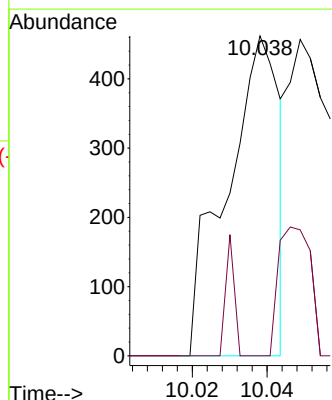
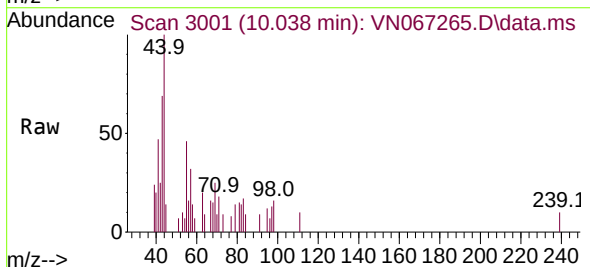
Instrument :
MSVOA_N
ClientSampled :

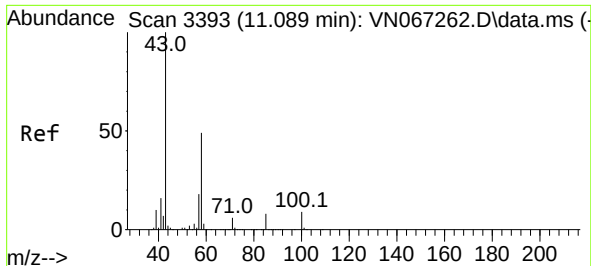
Tgt Ion: 76 Resp: 1917
Ion Ratio Lower Upper
76 100
78 3.2 26.3 39.5#



#58
2-Chloroethyl Vinyl ether
Concen: 28.26 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.005 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 63 Resp: 452
Ion Ratio Lower Upper
63 100
106 24.6 23.9 35.9

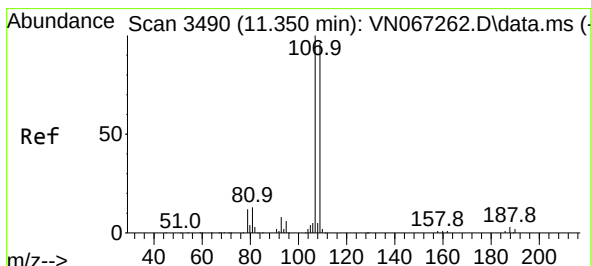
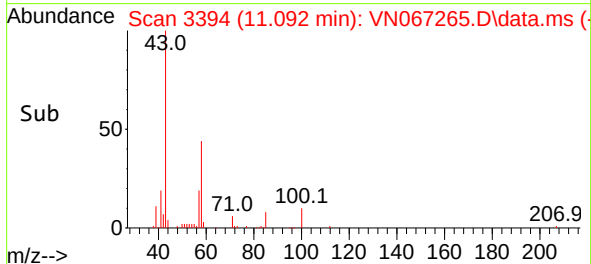
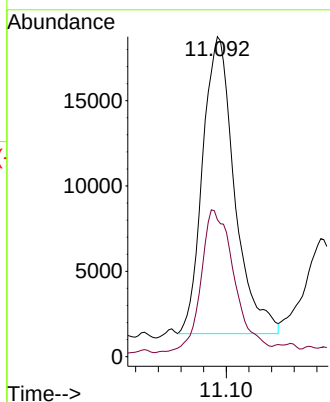
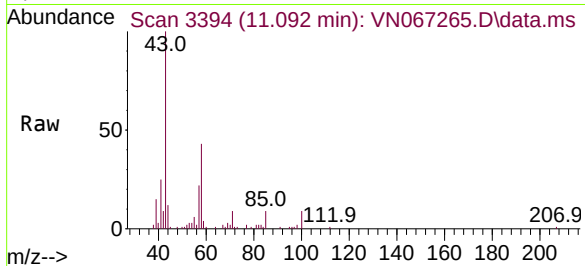




#59
2-Hexanone
Concen: 5.31 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

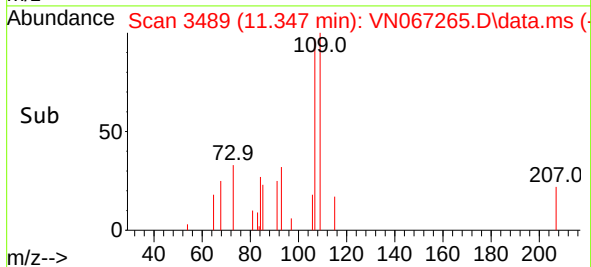
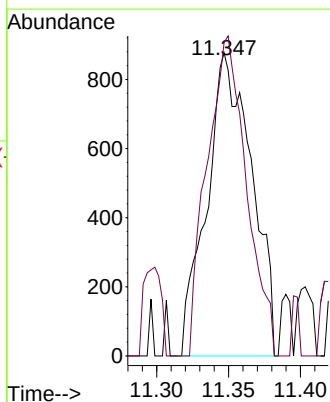
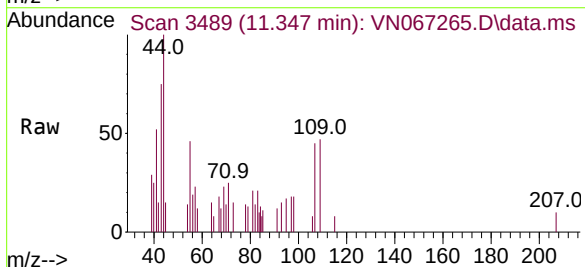
Instrument :
MSVOA_N
ClientSampled :

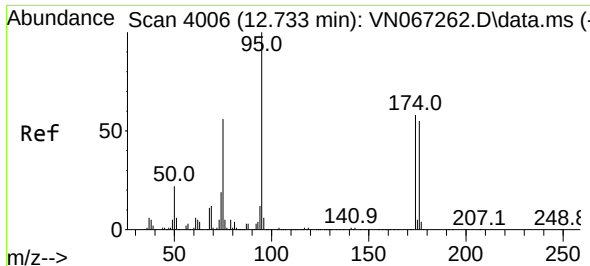
Tgt Ion: 43 Resp: 34050
Ion Ratio Lower Upper
43 100
58 50.5 29.8 89.5



#61
1,2-Dibromoethane
Concen: 0.37 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 107 Resp: 1909
Ion Ratio Lower Upper
107 100
109 92.5 75.8 113.6

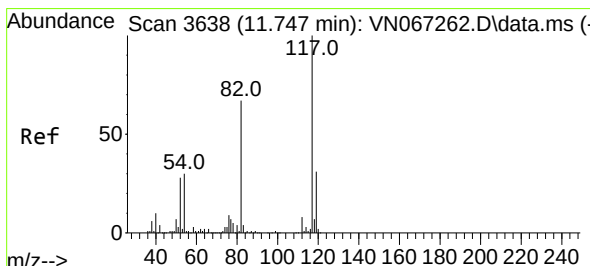
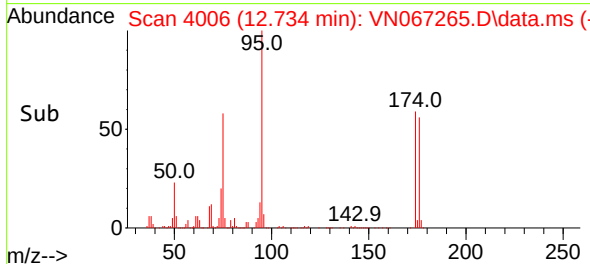
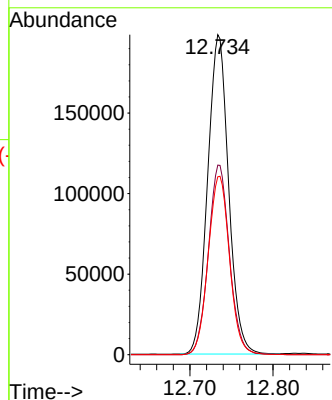
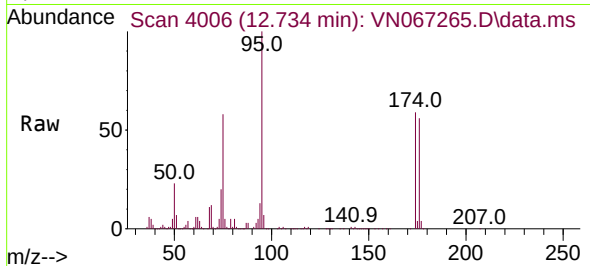




#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

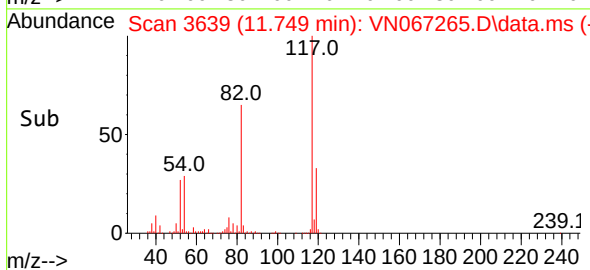
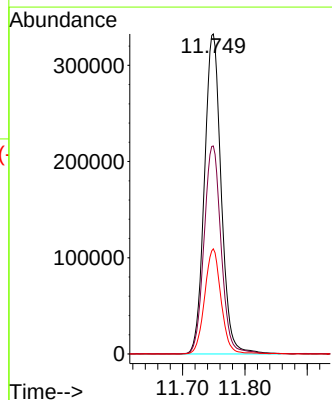
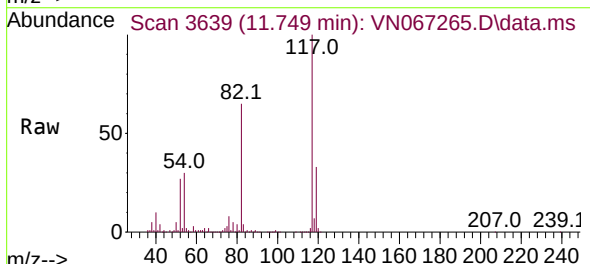
Instrument :
MSVOA_N
ClientSampleId :

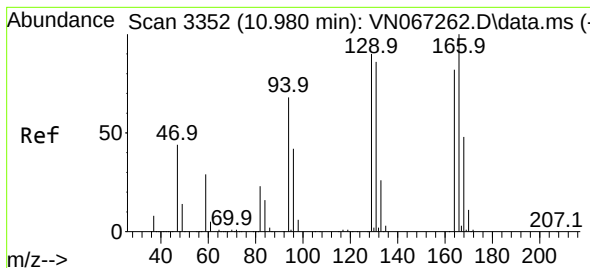
Tgt Ion: 95 Resp: 346556
Ion Ratio Lower Upper
95 100
174 59.8 0.0 182.8
176 57.1 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 117 Resp: 620402
Ion Ratio Lower Upper
117 100
82 64.9 42.2 63.2#
119 32.9 25.8 38.6





#64

Tetrachloroethene

Concen: 0.64 ug/l

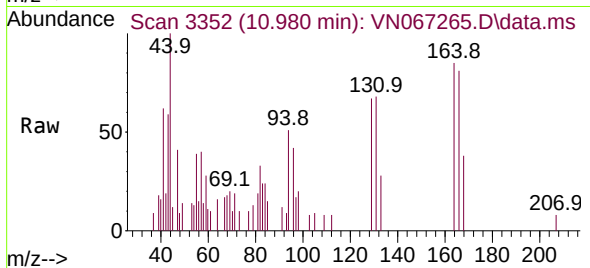
RT: 10.980 min Scan# 3352

Delta R.T. 0.000 min

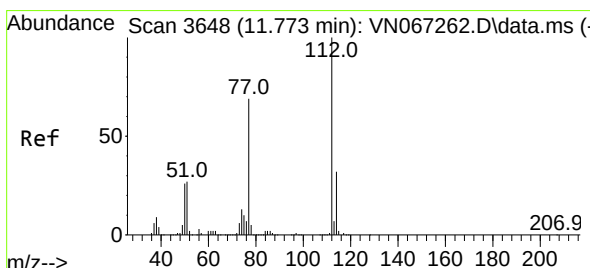
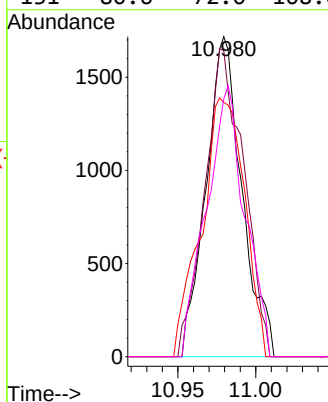
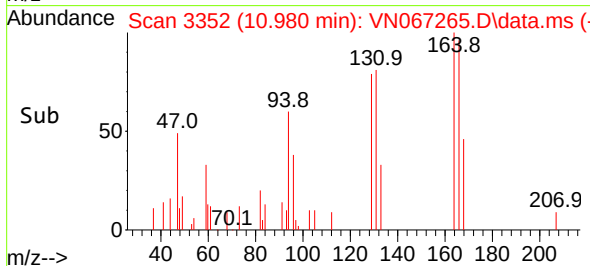
Lab File: VN067265.D

Acq: 10 Jun 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	164	Resp:	2746
Ion Ratio	Lower	Upper	
164	100		
166	95.6	103.0	154.6#
129	79.5	73.3	109.9
131	80.6	72.0	108.0



#65

Chlorobenzene

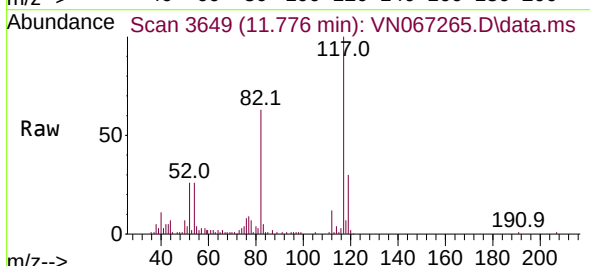
Concen: 0.54 ug/l

RT: 11.776 min Scan# 3649

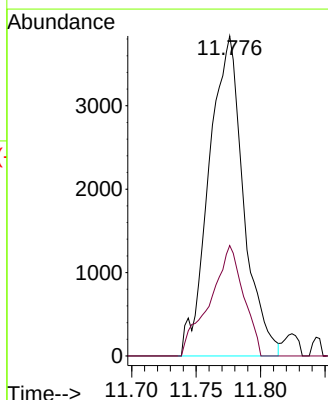
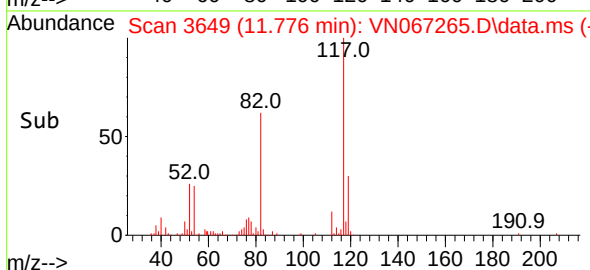
Delta R.T. 0.003 min

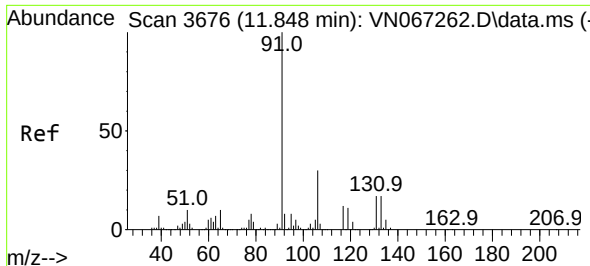
Lab File: VN067265.D

Acq: 10 Jun 2021 11:58



Tgt Ion:	112	Resp:	7133
Ion Ratio	Lower	Upper	
112	100		
114	34.5	25.6	38.4

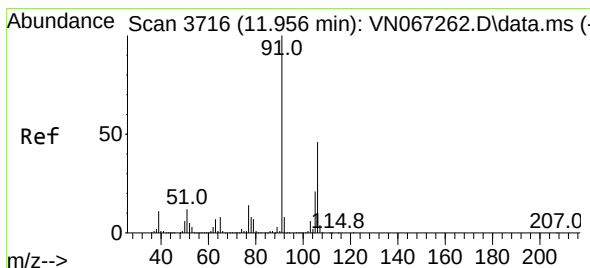
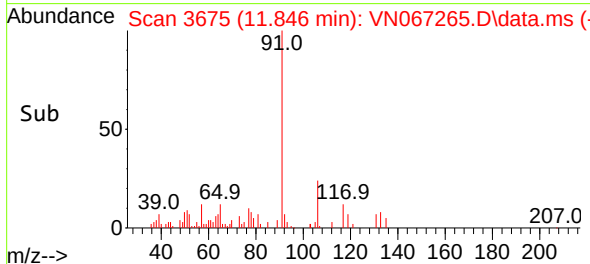
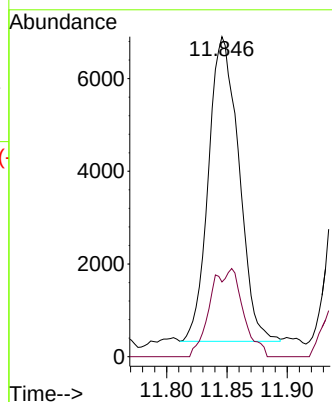
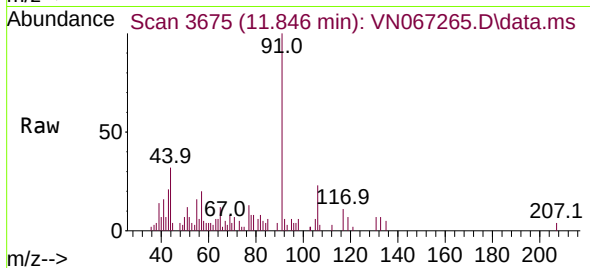




#67
Ethyl Benzene
Concen: 0.45 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

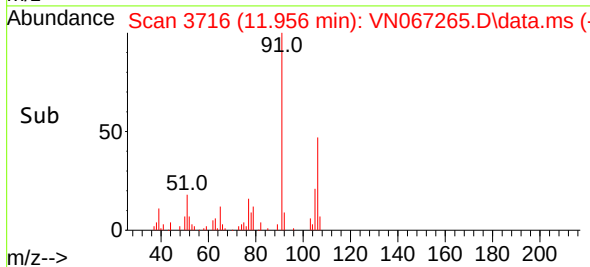
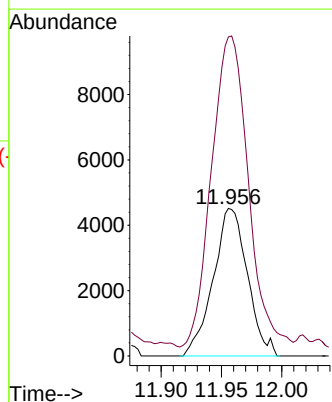
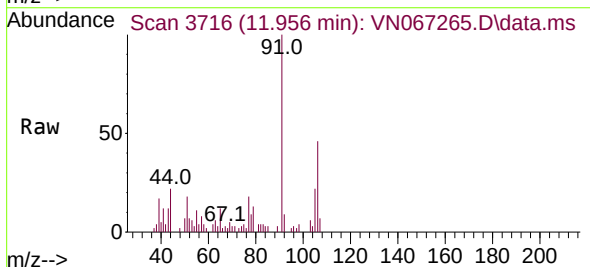
Instrument :
MSVOA_N
ClientSampled :

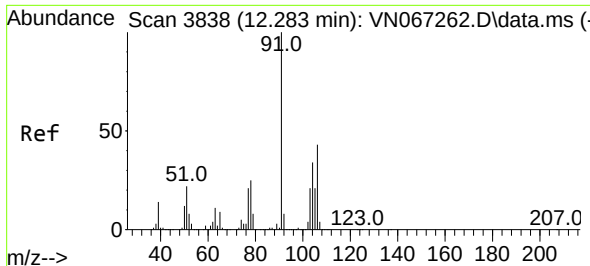
Tgt Ion: 91 Resp: 11521
Ion Ratio Lower Upper
91 100
106 24.5 26.2 39.2#



#68
m/p-Xylenes
Concen: 0.96 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 106 Resp: 8912
Ion Ratio Lower Upper
106 100
91 225.6 155.2 232.8

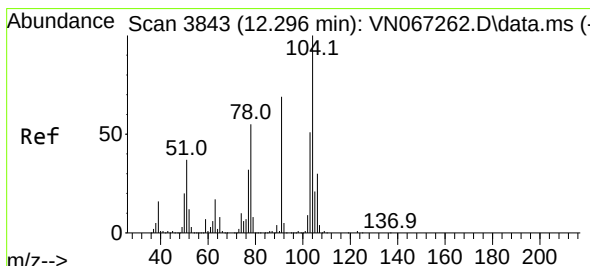
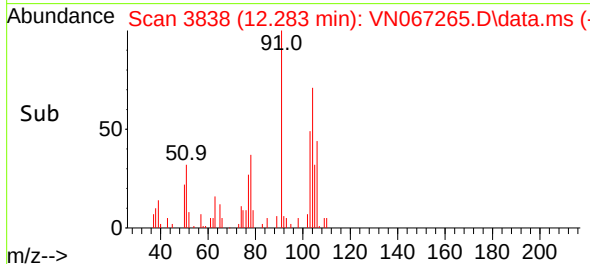
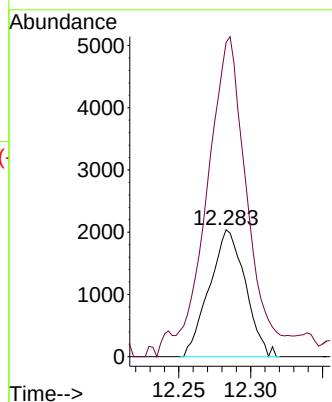
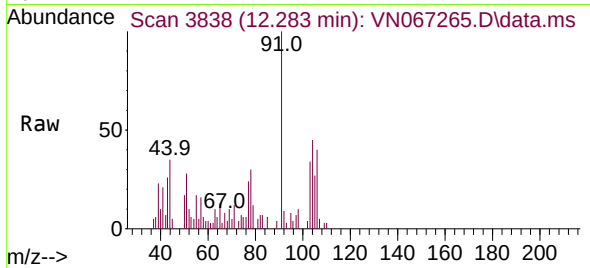




#69
o-Xylene
Concen: 0.39 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

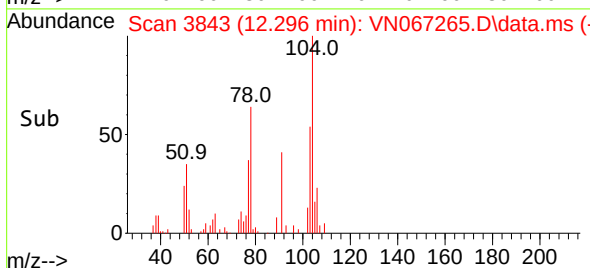
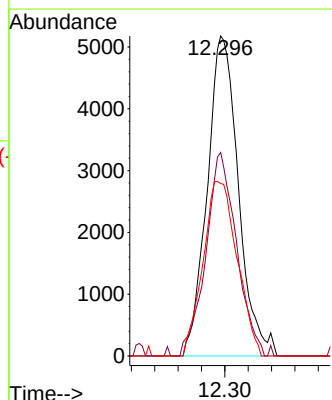
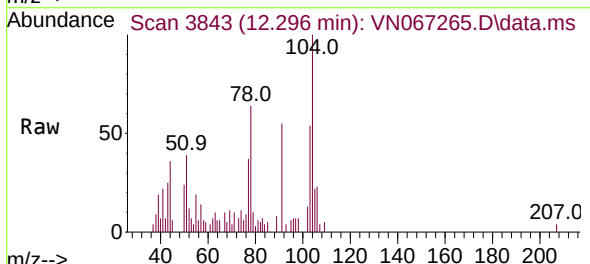
Instrument :
MSVOA_N
ClientSampled :

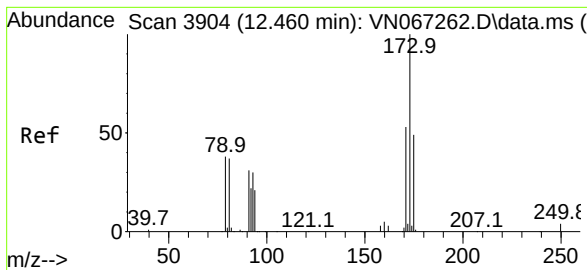
Tgt Ion:106 Resp: 3539
Ion Ratio Lower Upper
106 100
91 245.9 102.3 306.8



#70
Styrene
Concen: 0.63 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:104 Resp: 9631
Ion Ratio Lower Upper
104 100
78 62.2 37.7 56.5#
103 59.5 44.2 66.4

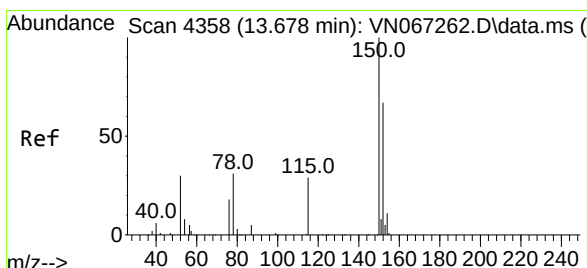
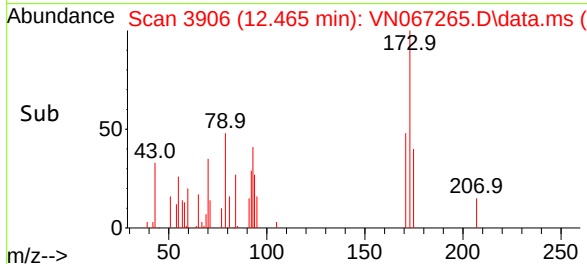
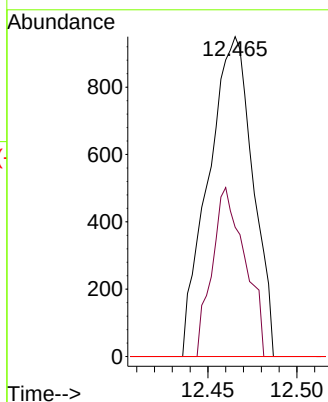
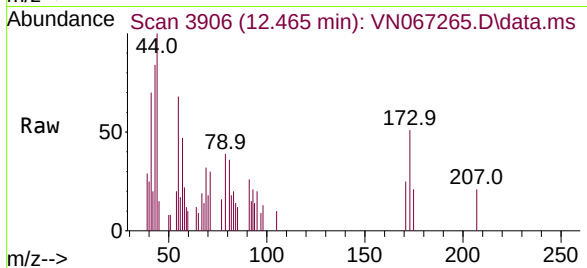




#71
Bromoform
Concen: 0.44 ug/l
RT: 12.465 min Scan# 3906
Delta R.T. 0.005 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

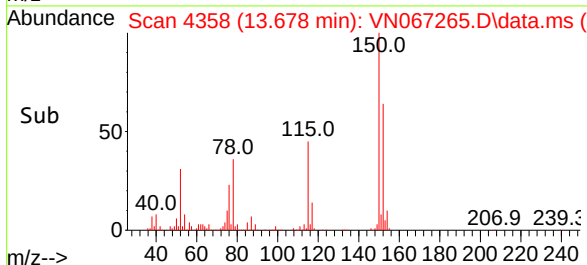
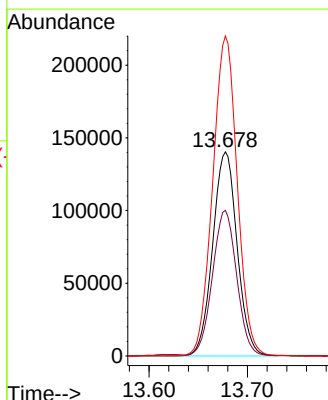
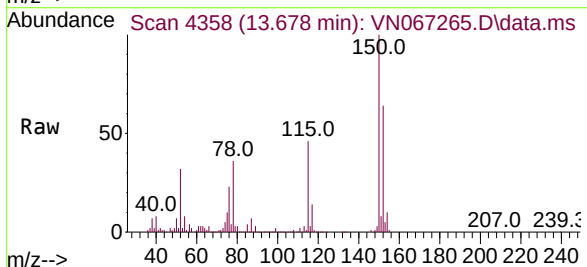
Instrument :
MSVOA_N
ClientSampleId :

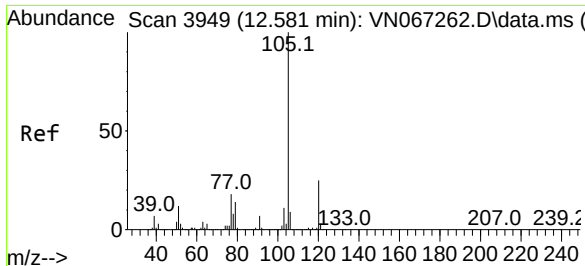
Tgt Ion:173 Resp: 1649
Ion Ratio Lower Upper
173 100
175 39.0 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:152 Resp: 243027
Ion Ratio Lower Upper
152 100
115 70.2 27.0 80.8
150 156.7 0.0 350.2

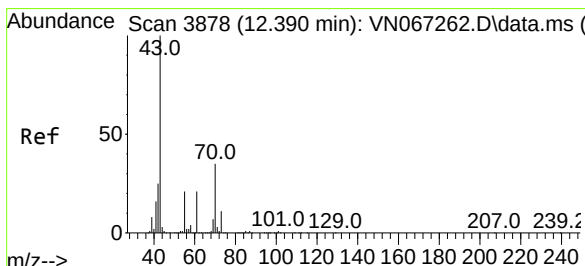
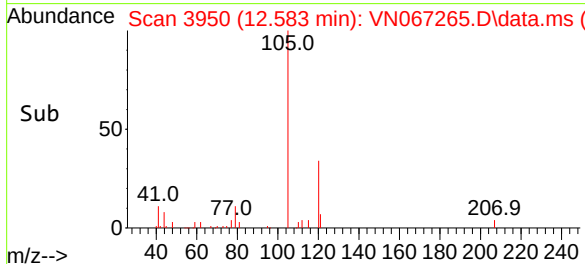
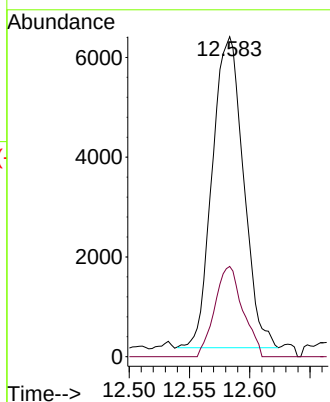
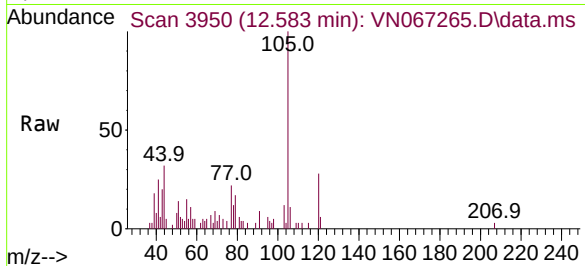




#73
Isopropylbenzene
Concen: 0.49 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

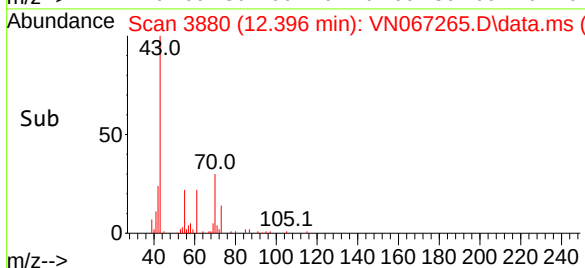
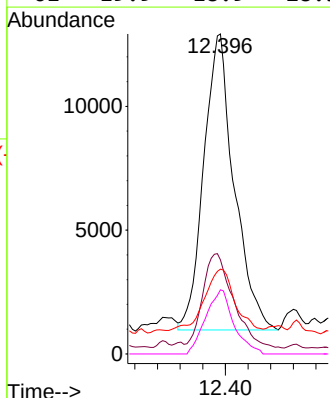
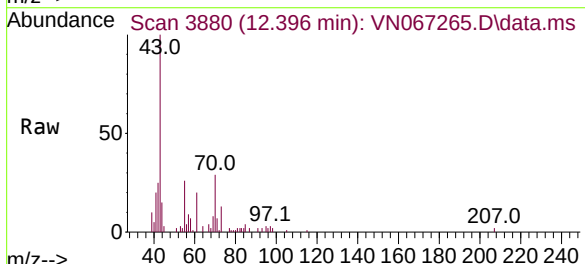
Instrument :
MSVOA_N
ClientSampleId :

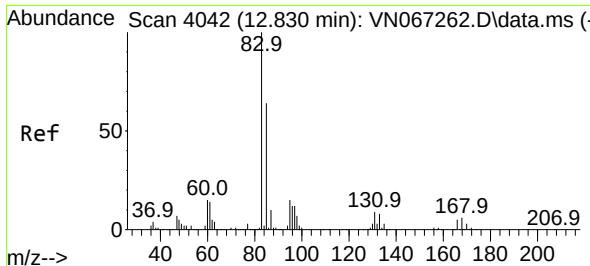
Tgt Ion:105 Resp: 11191
Ion Ratio Lower Upper
105 100
120 26.0 13.7 41.0



#74
N-ethyl acetate
Concen: 1.98 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 43 Resp: 22253
Ion Ratio Lower Upper
43 100
70 32.4 36.7 55.1#
55 22.9 17.6 26.4
61 19.9 18.9 28.3

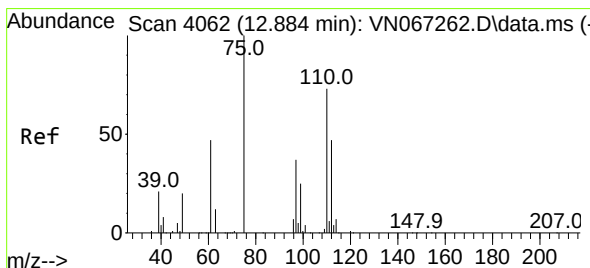
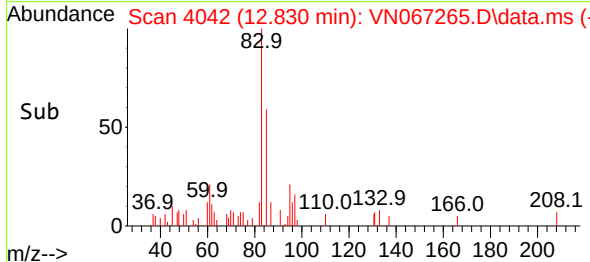
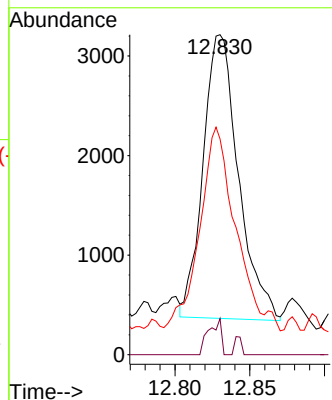
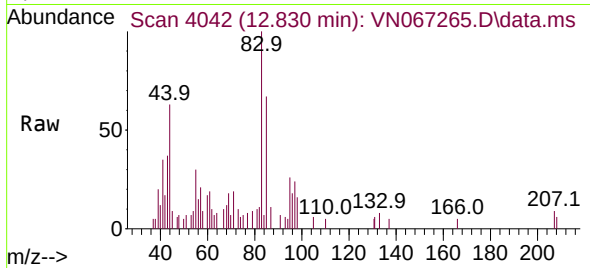




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.69 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VN067265.D
 Acq: 10 Jun 2021 11:58

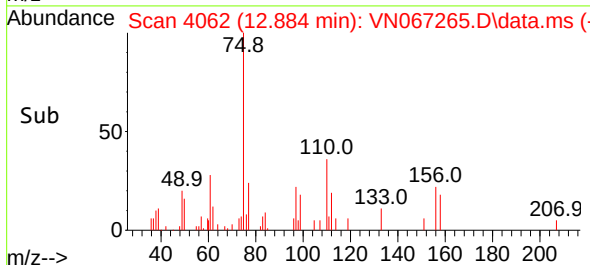
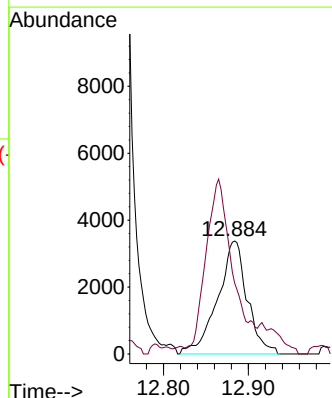
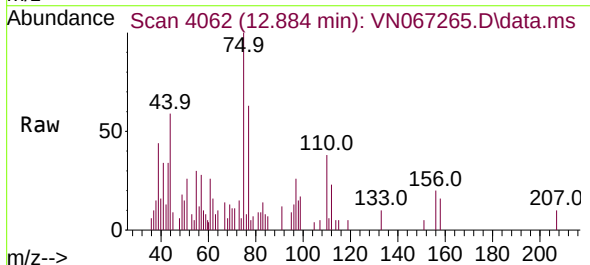
Instrument :
 MSVOA_N
 ClientSampleId :

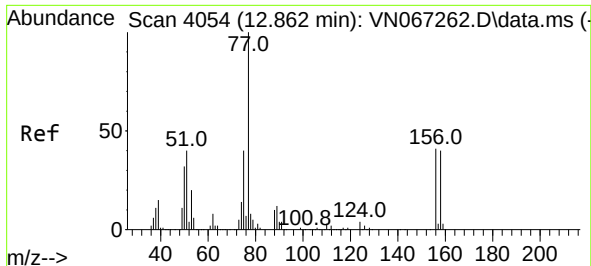
Tgt Ion: 83 Resp: 4692
 Ion Ratio Lower Upper
 83 100
 131 4.5 5.3 16.1#
 85 69.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 1.27 ug/l
 RT: 12.884 min Scan# 4062
 Delta R.T. 0.000 min
 Lab File: VN067265.D
 Acq: 10 Jun 2021 11:58

Tgt Ion: 75 Resp: 8172
 Ion Ratio Lower Upper
 75 100
 77 130.6 0.0 0.0#

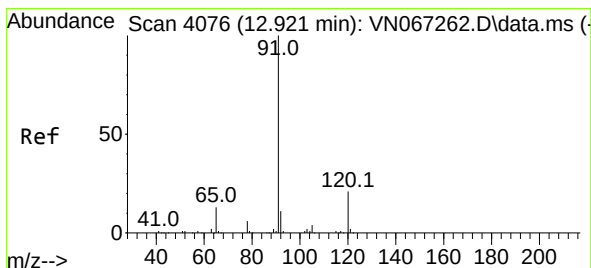
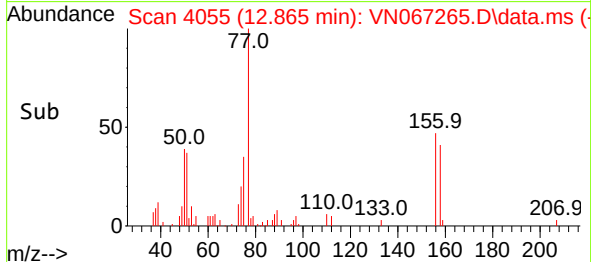
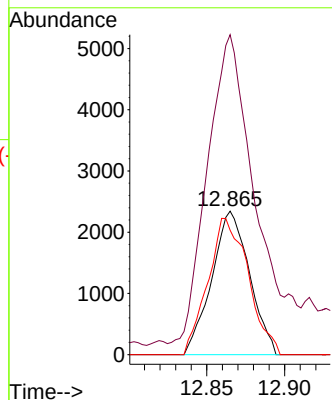
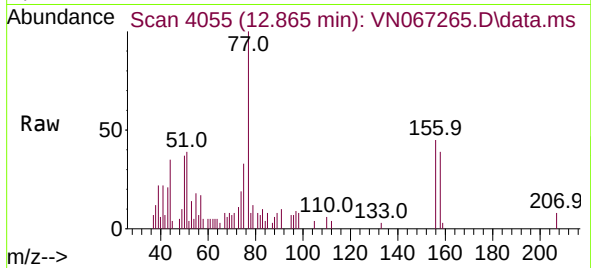




#77
Bromobenzene
Concen: 0.87 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

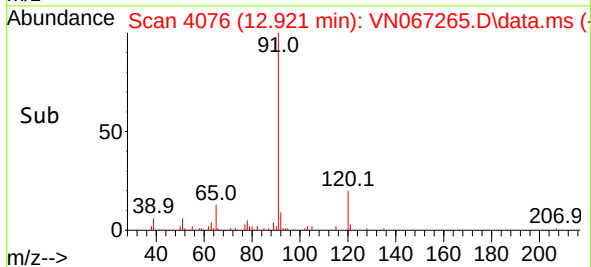
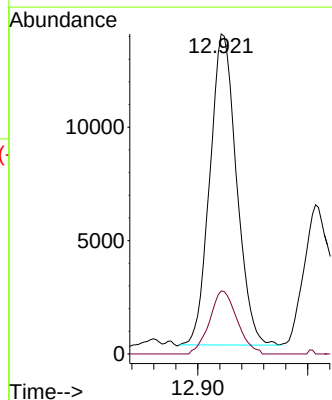
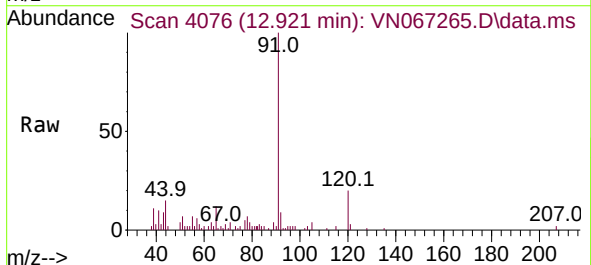
Instrument :
MSVOA_N
ClientSampleId :

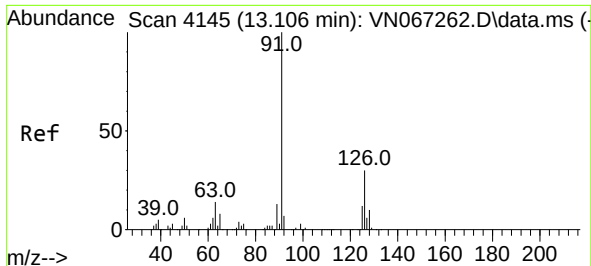
Tgt Ion:156 Resp: 3946
Ion Ratio Lower Upper
156 100
77 270.5 87.9 263.8#
158 101.5 49.0 147.2



#78
n-propylbenzene
Concen: 0.87 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 91 Resp: 23155
Ion Ratio Lower Upper
91 100
120 20.8 12.7 38.0

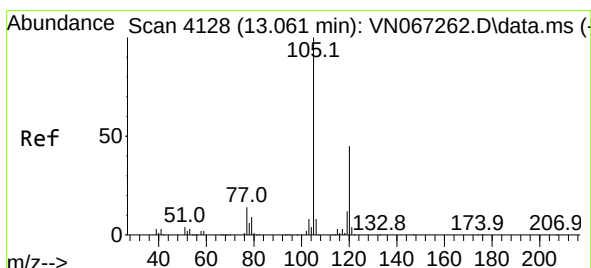
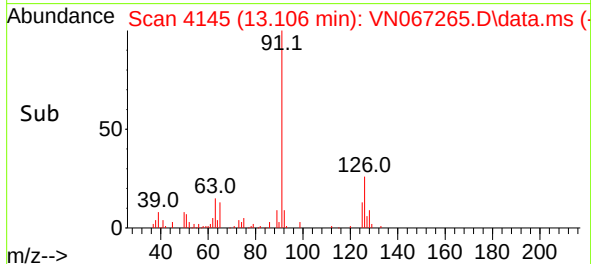
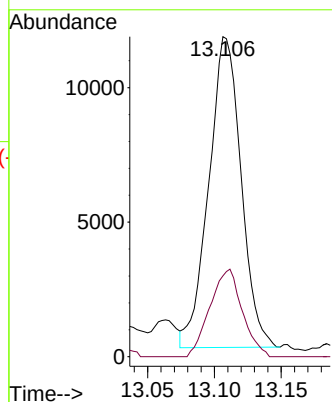
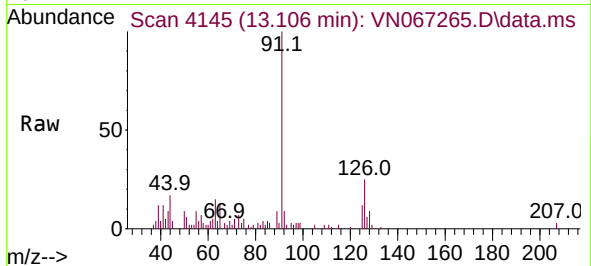




#79
2-Chlorotoluene
Concen: 1.18 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

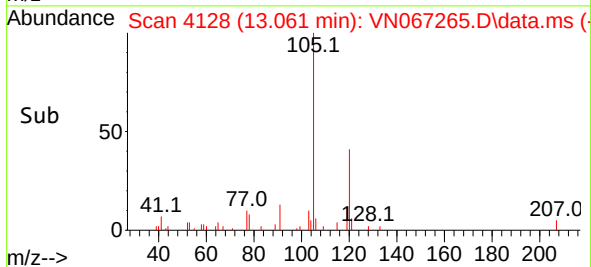
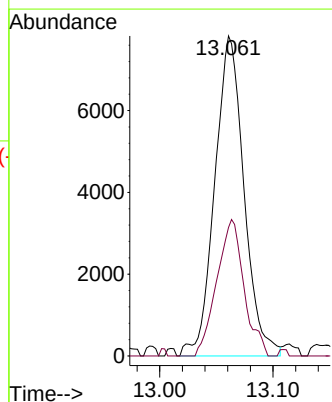
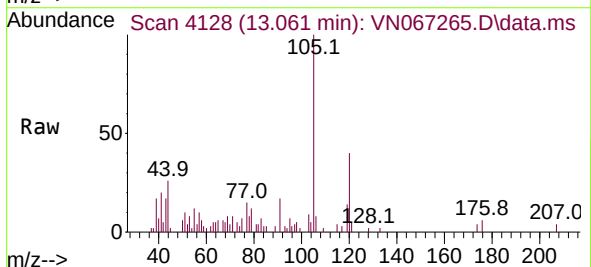
Instrument :
MSVOA_N
ClientSampled :

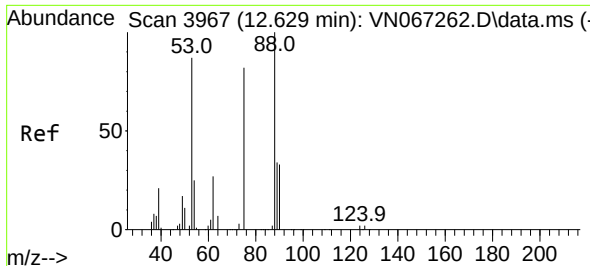
Tgt Ion: 91 Resp: 19440
Ion Ratio Lower Upper
91 100
126 28.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 0.72 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

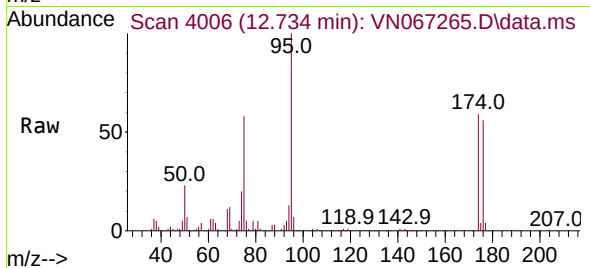
Tgt Ion: 105 Resp: 14025
Ion Ratio Lower Upper
105 100
120 39.6 25.0 75.0



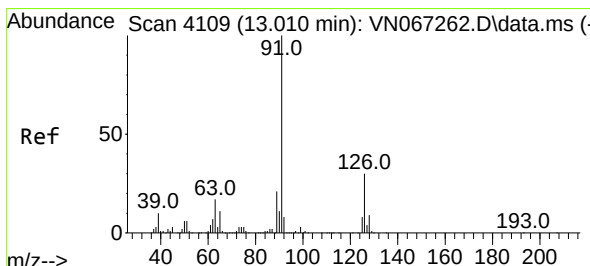
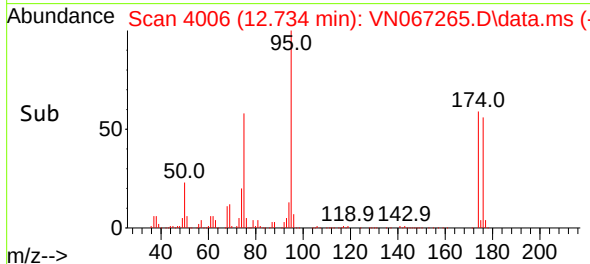
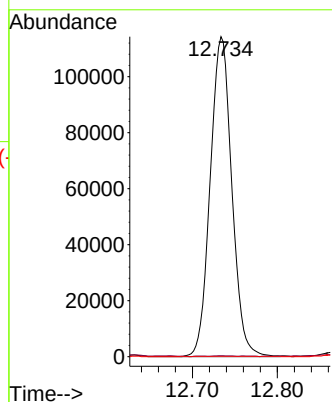


#81
trans-1,4-Dichloro-2-butene
Concen: 80.03 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :

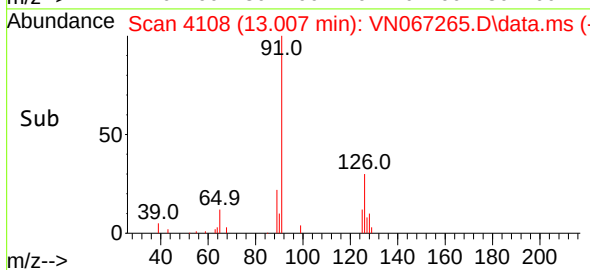
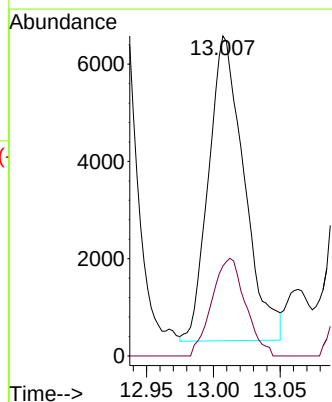
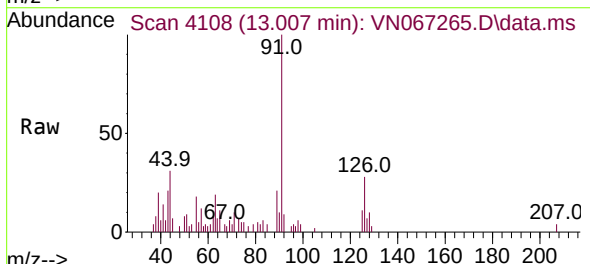


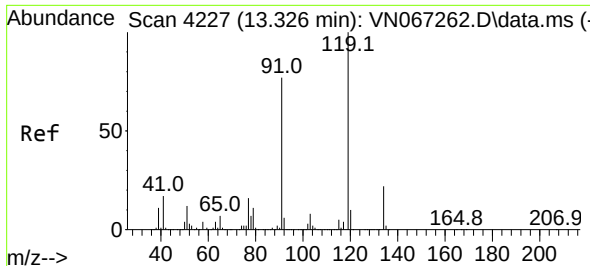
Tgt Ion: 75 Resp: 201969
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.72 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

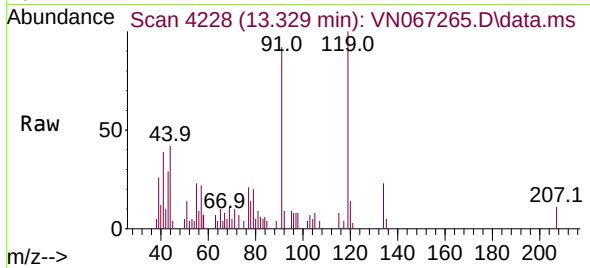
Tgt Ion: 91 Resp: 11572
Ion Ratio Lower Upper
91 100
126 30.3 17.7 53.1



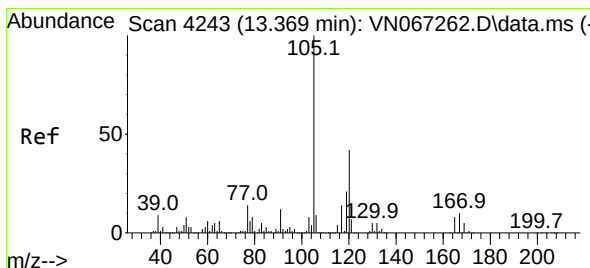
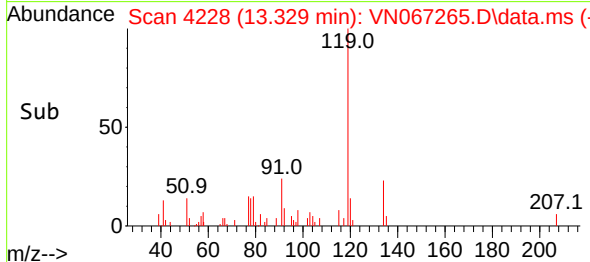
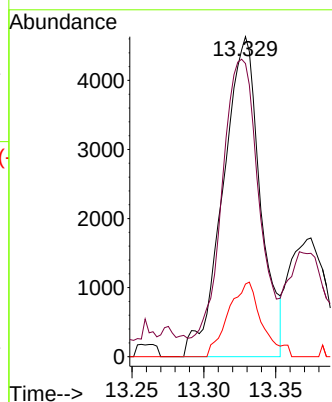


#83
tert-Butylbenzene
Concen: 0.52 ug/l
RT: 13.329 min Scan# 4228
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :

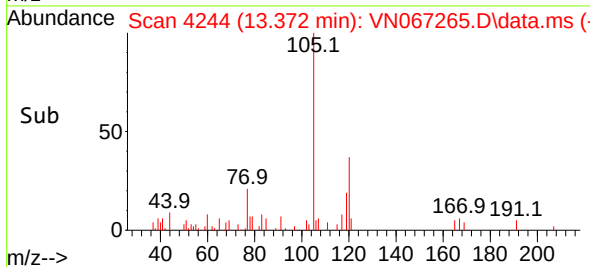
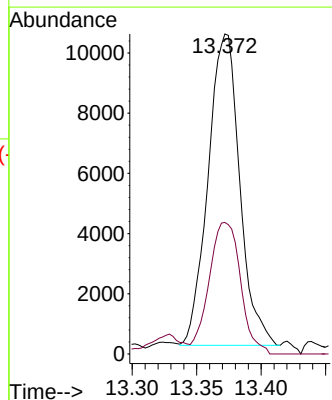
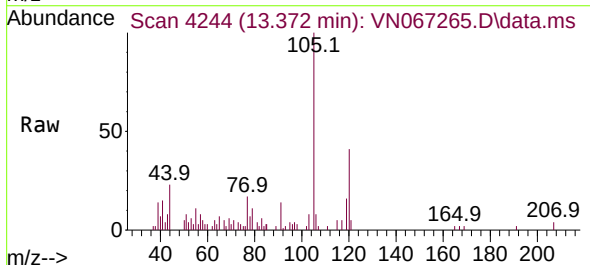


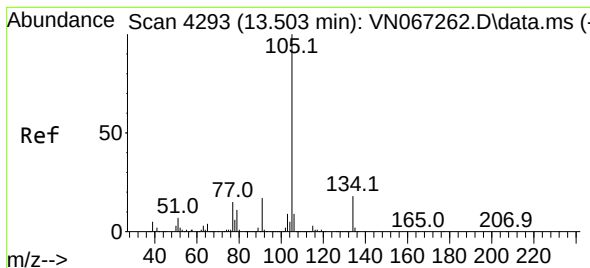
Tgt Ion:119 Resp: 8306
Ion Ratio Lower Upper
119 100
91 83.4 30.2 90.6
134 21.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 0.92 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:105 Resp: 17632
Ion Ratio Lower Upper
105 100
120 42.1 23.8 71.2

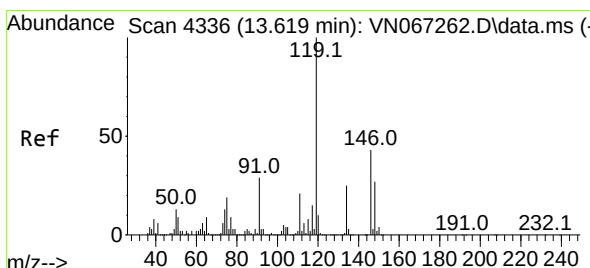
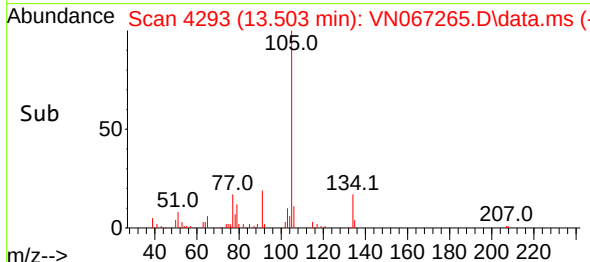
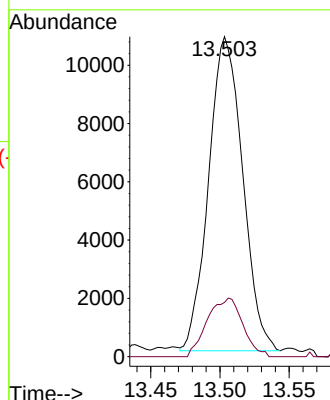
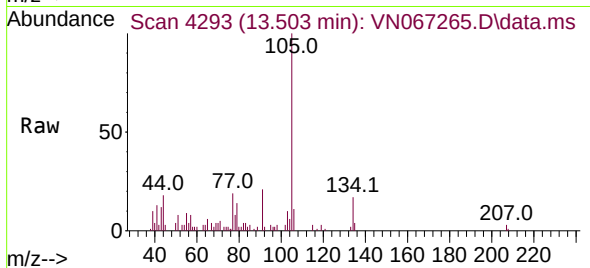




#85
 sec-Butylbenzene
 Concen: 0.82 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067265.D
 Acq: 10 Jun 2021 11:58

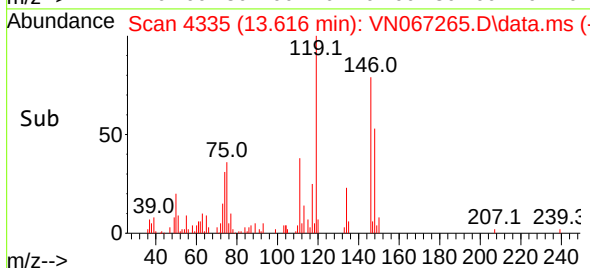
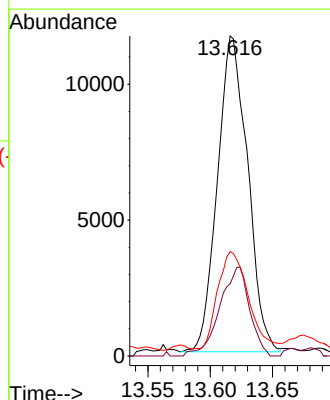
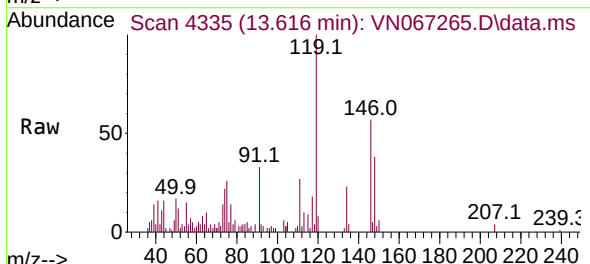
Instrument :
 MSVOA_N
 ClientSampled :

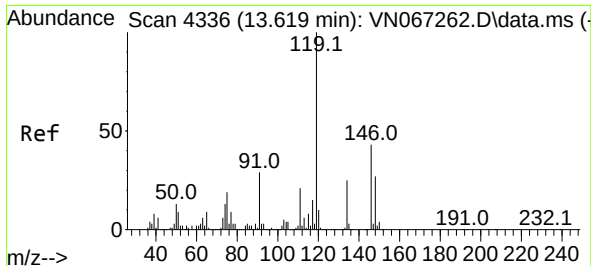
Tgt Ion:105 Resp: 18427
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 1.03 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN067265.D
 Acq: 10 Jun 2021 11:58

Tgt Ion:119 Resp: 19601
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.9
 91 32.2 10.7 32.1#



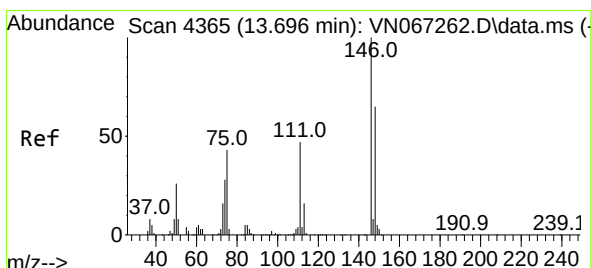
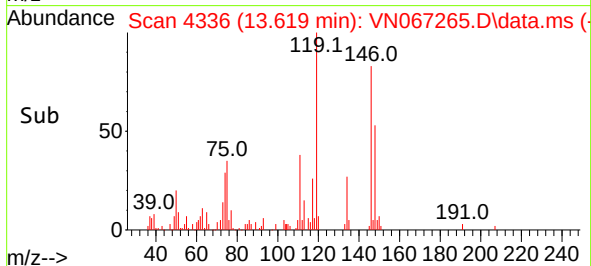
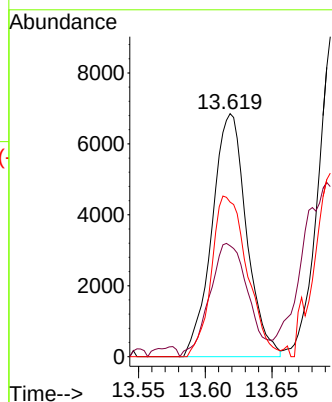
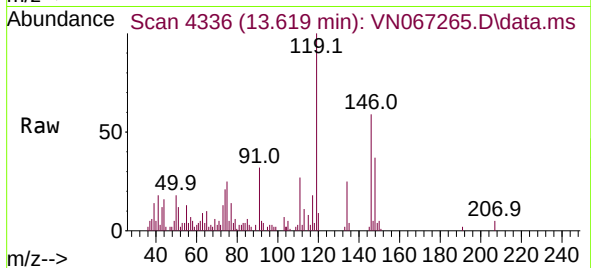


#87

1,3-Dichlorobenzene
Concen: 1.48 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Instrument :
MSVOA_N
ClientSampled :

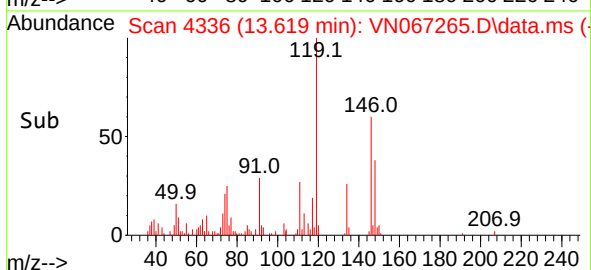
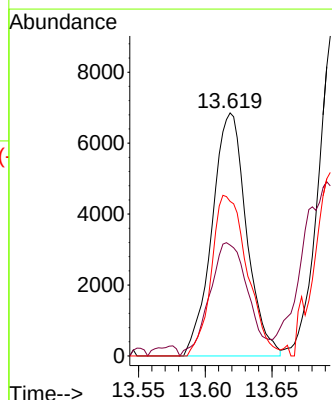
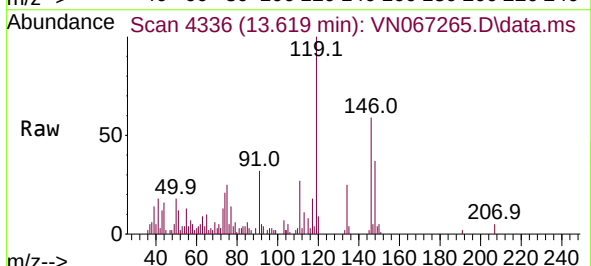
Tgt Ion:146 Resp: 12313
Ion Ratio Lower Upper
146 100
111 51.5 19.3 57.8
148 68.4 32.0 96.2

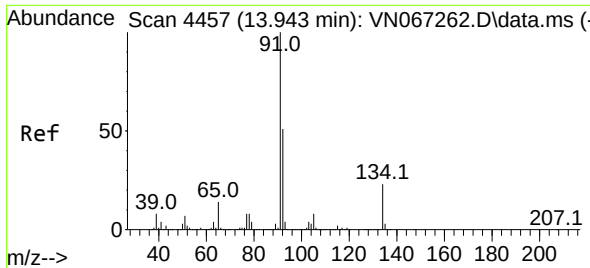


#88

1,4-Dichlorobenzene
Concen: 1.51 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.078 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:146 Resp: 12313
Ion Ratio Lower Upper
146 100
111 51.5 18.5 55.5
148 68.4 31.4 94.3

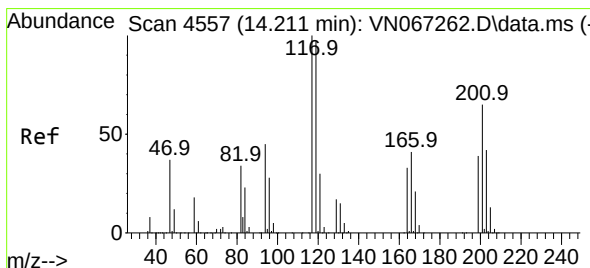
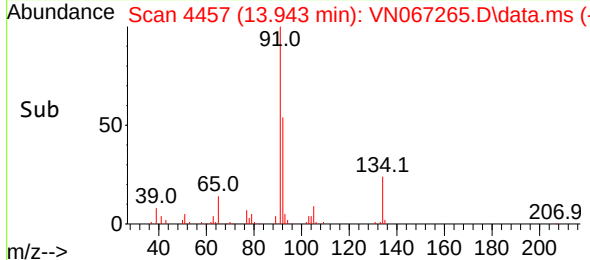
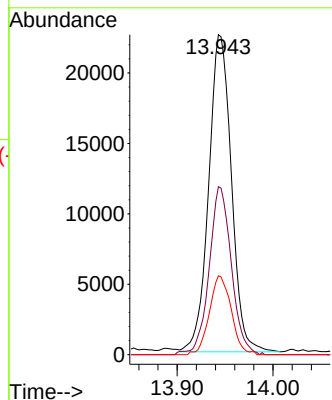
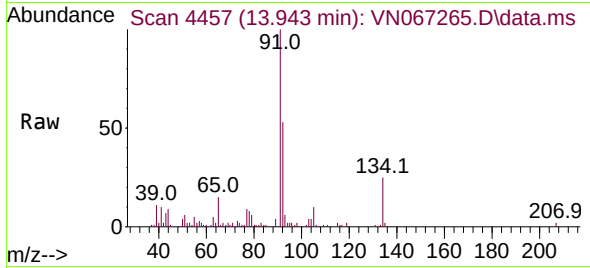




#89
n-Butylbenzene
Concen: 2.12 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

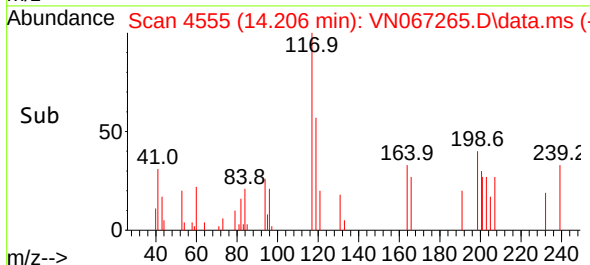
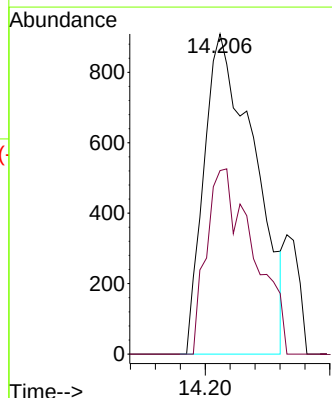
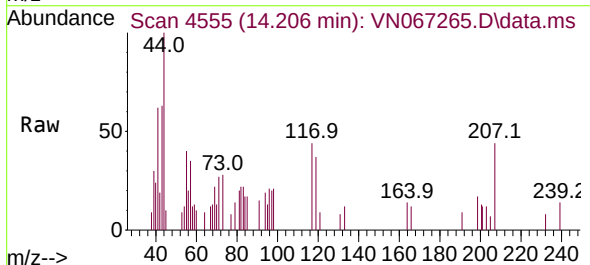
Instrument :
MSVOA_N
ClientSampleId :

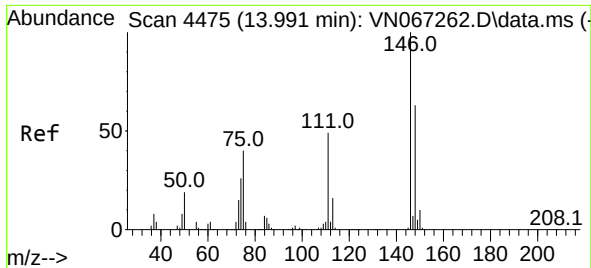
Tgt Ion: 91	Resp:	37115
Ion Ratio	Lower	Upper
91	100	
92	51.8	26.5 79.5
134	23.9	14.3 42.9



#90
Hexachloroethane
Concen: 0.37 ug/l
RT: 14.206 min Scan# 4555
Delta R.T. -0.005 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 117	Resp:	1277
Ion Ratio	Lower	Upper
117	100	
201	54.1	45.5 136.5

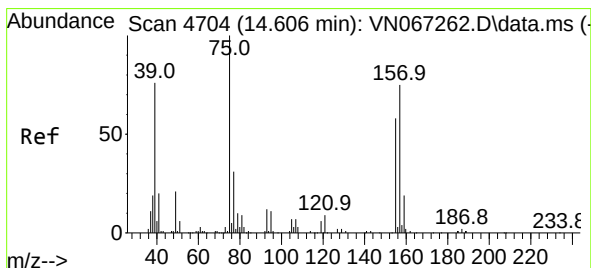
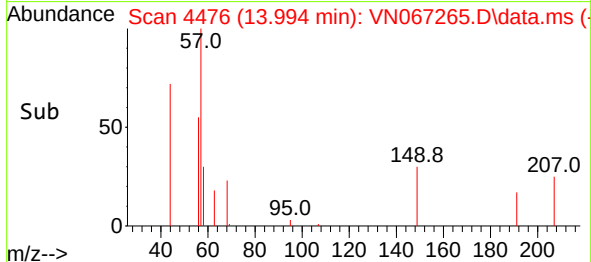
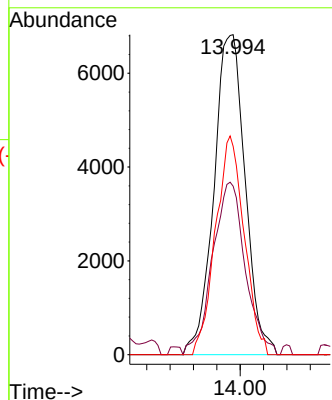
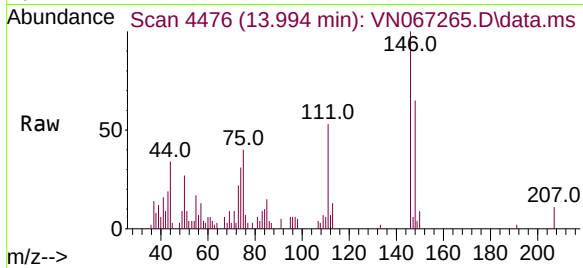




#91
1,2-Dichlorobenzene
Concen: 1.61 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

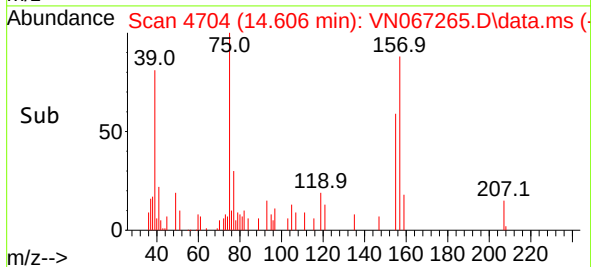
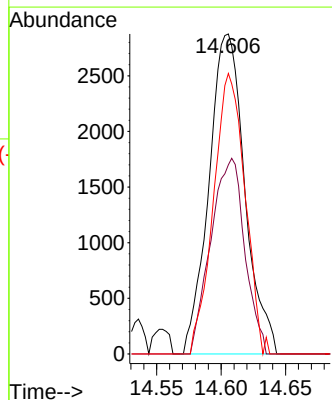
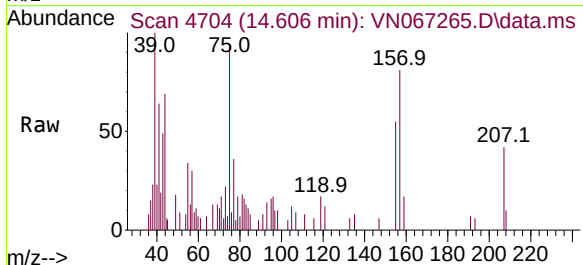
Instrument :
MSVOA_N
ClientSampleId :

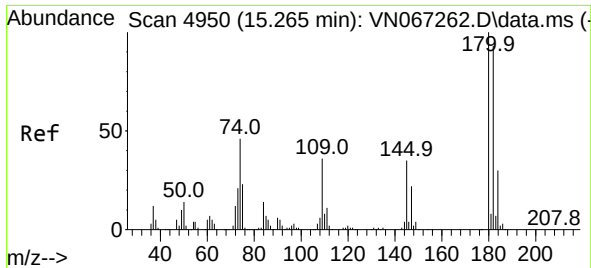
Tgt Ion:146 Resp: 12674
Ion Ratio Lower Upper
146 100
111 56.4 19.8 59.3
148 62.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.39 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion: 75 Resp: 5575
Ion Ratio Lower Upper
75 100
155 57.9 49.9 149.7
157 76.8 63.8 191.4

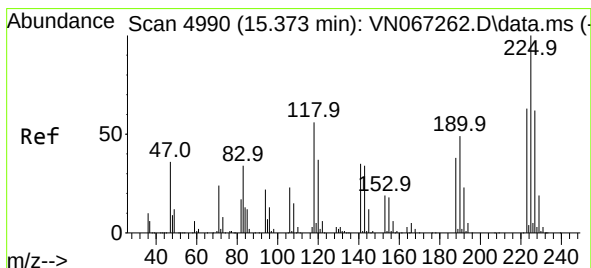
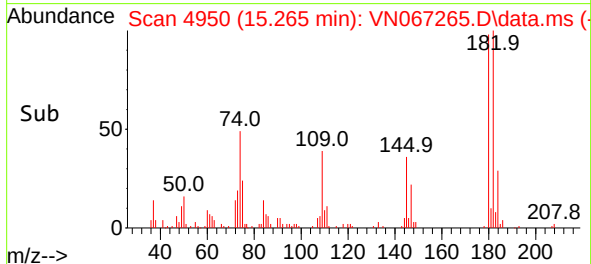
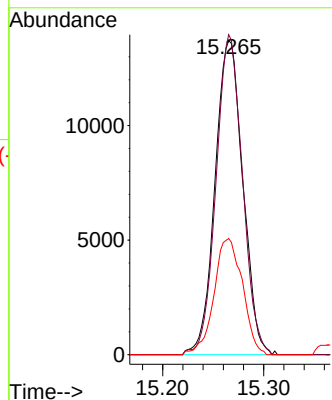
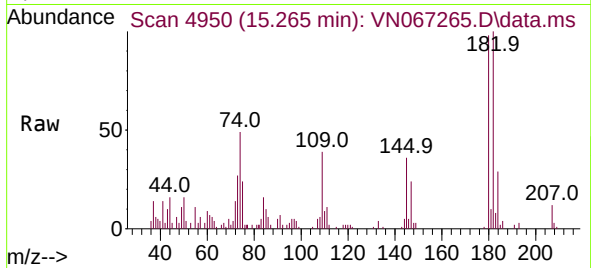




#93
1,2,4-Trichlorobenzene
Concen: 6.46 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

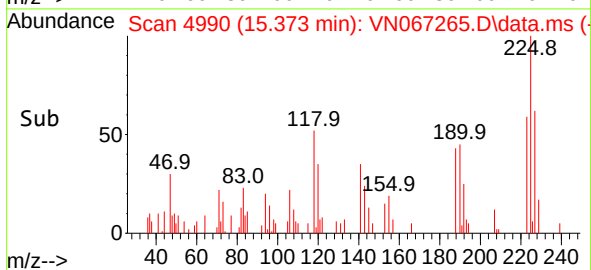
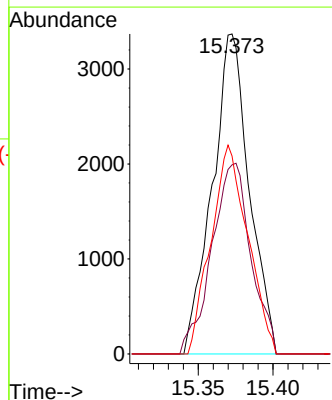
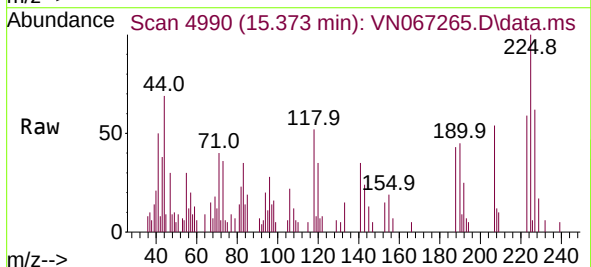
Instrument :
MSVOA_N
ClientSampleId :

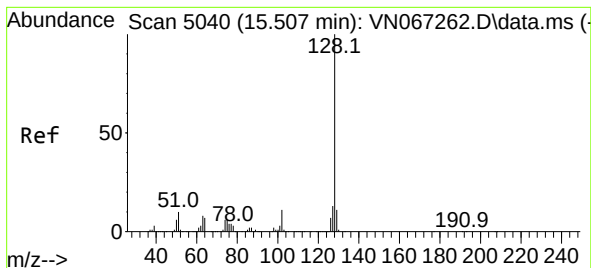
Tgt Ion:	180	Resp:	26185
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.3	141.8
145	38.0	14.0	42.0



#94
Hexachlorobutadiene
Concen: 2.45 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:	225	Resp:	5801
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.7	95.1
227	65.0	31.7	95.1

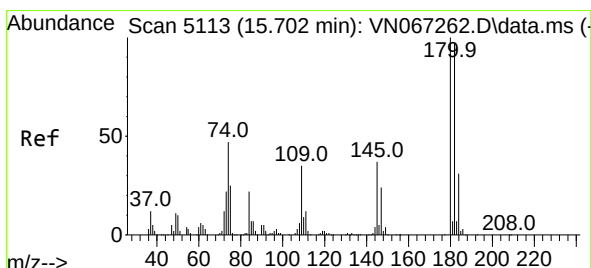
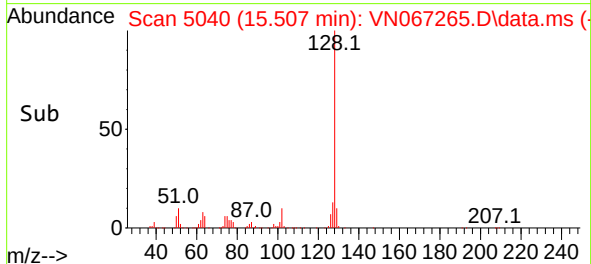
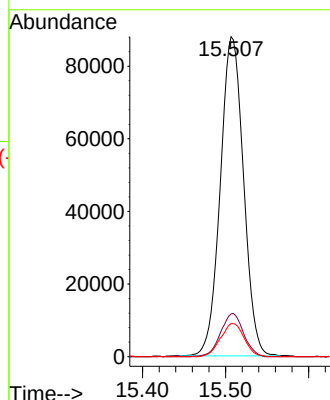
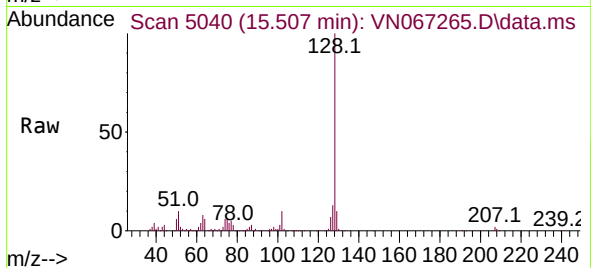




#95
Naphthalene
Concen: 16.28 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 170686
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 9.32 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067265.D
Acq: 10 Jun 2021 11:58

Tgt Ion:180 Resp: 35029
Ion Ratio Lower Upper
180 100
182 95.9 48.5 145.6
145 38.8 15.4 46.2

