

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066818.D
 Acq On : 28 Apr 2021 17:27
 Operator : JC/MD
 Sample : PB136019TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:31:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	341371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	514047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	465361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	191313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	181744	41.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.88%
35) Dibromofluoromethane	7.516	113	158916	50.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.16%
50) Toluene-d8	10.029	98	626772	50.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.64%
62) 4-Bromofluorobenzene	12.349	95	193639	45.95	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.90%

Target Compounds						Qvalue
3) Chloromethane	2.037	50	1366	0.28	ug/l	98
5) Bromomethane	2.527	94	1246	0.40	ug/l	99
11) Tert butyl alcohol	4.711	59	193	0.29	ug/l #	73
13) Acrolein	3.560	56	746	1.32	ug/l #	56
16) Acetone	3.759	43	23219	14.03	ug/l	98
17) Carbon Disulfide	3.986	76	4208	0.40	ug/l #	74
18) Methyl Acetate	4.260	43	3290	1.83	ug/l #	70
20) Methylene Chloride	4.472	84	17964	4.28	ug/l	92
25) 2-Butanone	6.768	43	6684	2.87	ug/l	93
29) Tetrahydrofuran	7.143	42	1208	0.76	ug/l #	55
31) Cyclohexane	7.591	56	5611	0.83	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	22479	4.71	ug/l #	48
37) Ethyl Acetate	6.768	43	6684	1.32	ug/l #	68
38) Carbon Tetrachloride	7.591	117	28774	6.28	ug/l #	18
43) Isopropyl Acetate	8.098	43	28983	3.60	ug/l #	91
45) 1,2-Dichloropropane	9.200	63	1817	0.46	ug/l #	44
48) Methyl methacrylate	9.117	41	7159	2.04	ug/l #	10
49) 1,4-Dioxane	9.136	88	276	5.25	ug/l #	1
51) 4-Methyl-2-Pentanone	9.924	43	7493	1.71	ug/l #	72
54) cis-1,3-Dichloropropene	9.844	75	52645	8.67	ug/l #	57
56) Ethyl methacrylate	10.362	69	143	3.19	ug/l #	27
57) 1,3-Dichloropropane	10.705	76	29787	5.08	ug/l #	43
59) 2-Hexanone	10.708	43	391042	124.10	ug/l #	52
64) Tetrachloroethene	10.573	164	1221	0.40	ug/l #	82
65) Chlorobenzene	11.373	112	1881	0.20	ug/l	100
68) m/p-Xylenes	11.568	106	2082	0.35	ug/l	94
70) Styrene	11.928	104	1550	3.18	ug/l #	70
76) 1,2,3-Trichloropropane	12.349	75	91749	22.75	ug/l #	100
77) Bromobenzene	12.472	156	1177	0.34	ug/l	90
78) n-propylbenzene	12.550	91	4914	0.32	ug/l	88
80) 1,3,5-Trimethylbenzene	12.684	105	4354	0.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.349	75	91749	61.64	ug/l #	12
83) tert-Butylbenzene	12.942	119	2366	0.23	ug/l	87
84) 1,2,4-Trimethylbenzene	12.993	105	4562	0.41	ug/l	98
85) sec-Butylbenzene	13.121	105	4730	0.36	ug/l	91
86) p-Isopropyltoluene	13.245	119	4306	0.38	ug/l	94

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

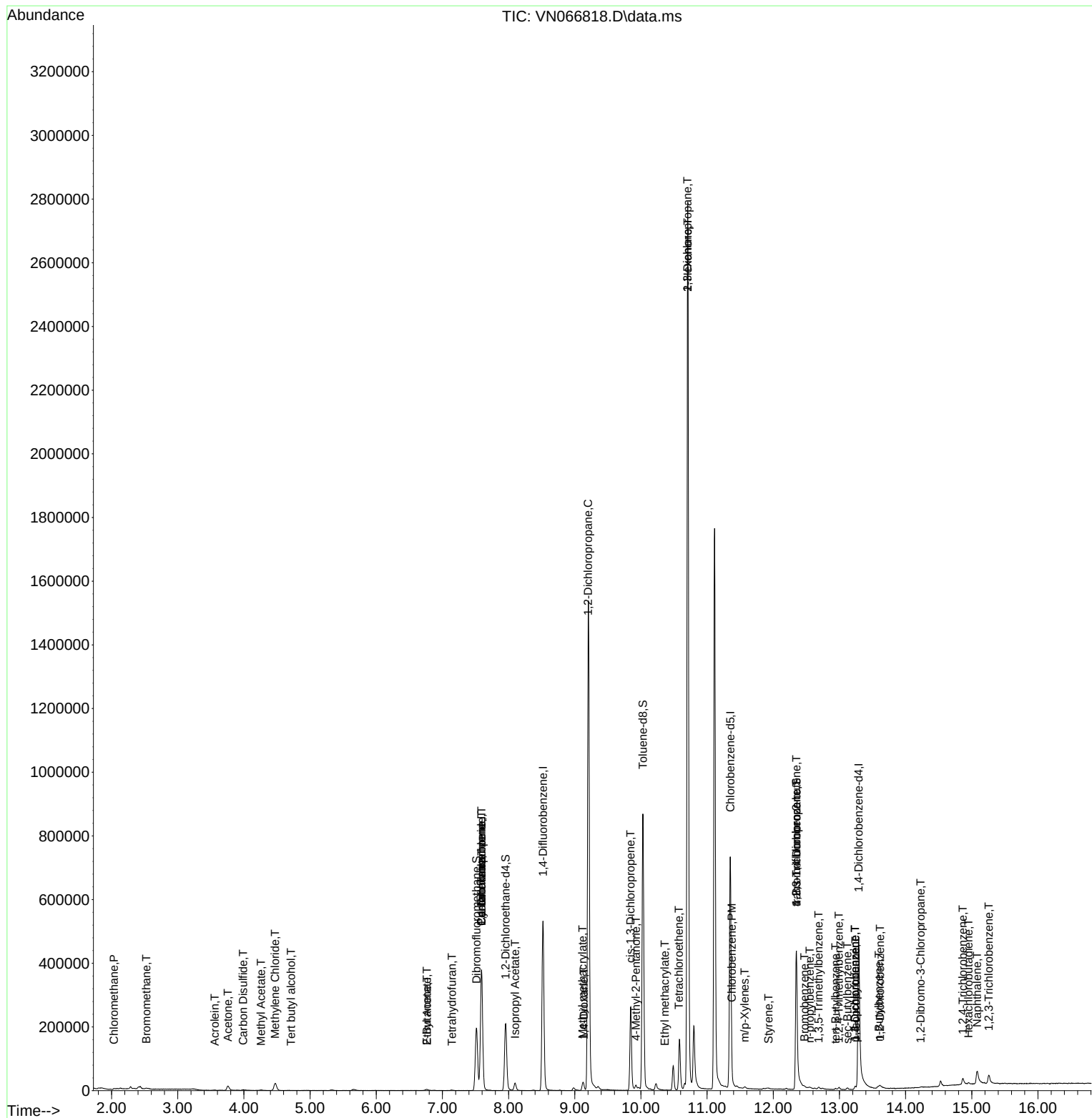
87) 1,3-Dichlorobenzene	13.234	146	3242	0.55	ug/l	93
88) 1,4-Dichlorobenzene	13.234	146	3242	0.52	ug/l	95
89) n-Butylbenzene	13.596	91	4835	0.50	ug/l	73
91) 1,2-Dichlorobenzene	13.615	146	3636	0.61	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.226	75	790	0.95	ug/l #	52
93) 1,2,4-Trichlorobenzene	14.865	180	9057	2.74	ug/l	98
94) Hexachlorobutadiene	14.950	225	1065	0.58	ug/l	97
95) Naphthalene	15.082	128	56124	6.61	ug/l	98
96) 1,2,3-Trichlorobenzene	15.256	180	13373	4.19	ug/l	98

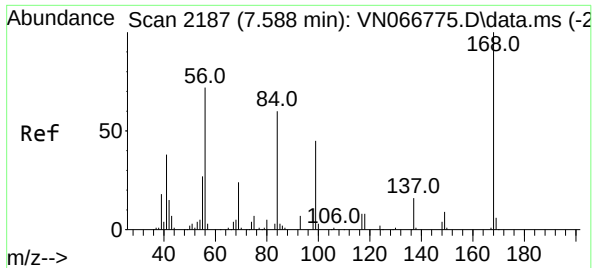
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

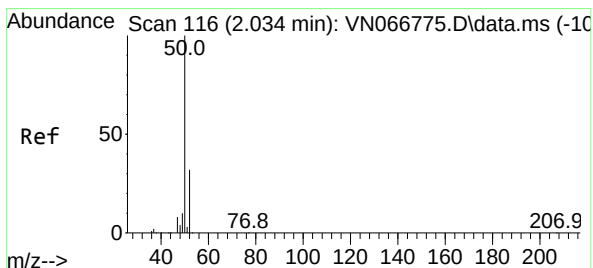
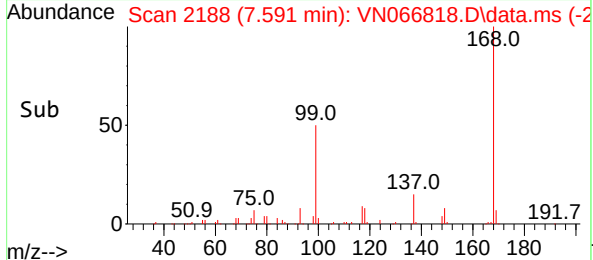
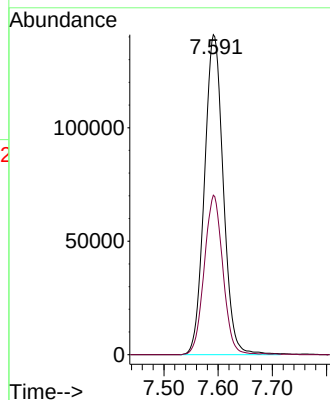
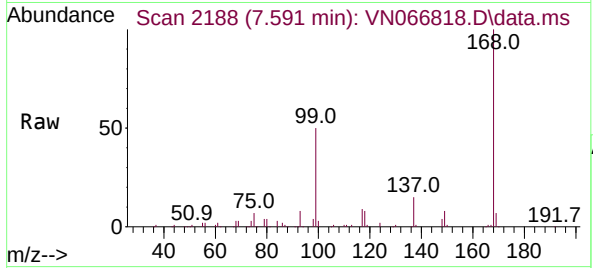




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

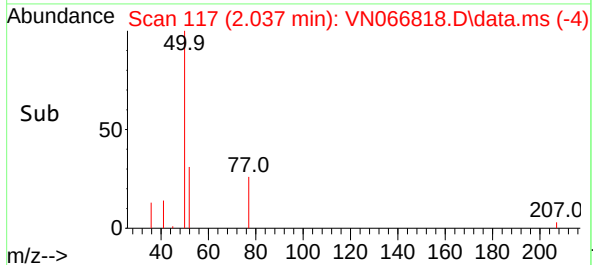
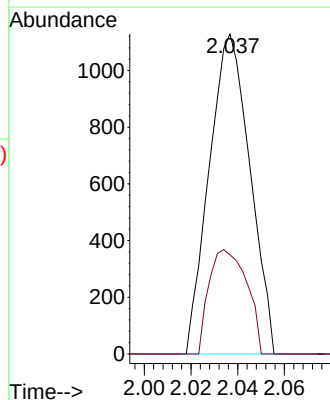
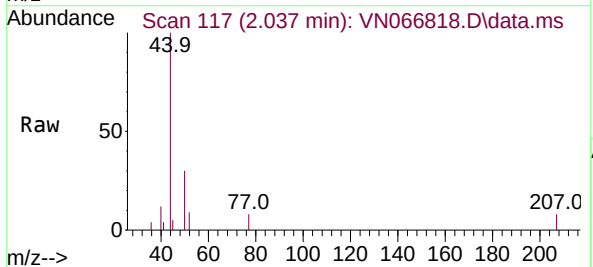
Instrument :
MSVOA_N
ClientSampled :

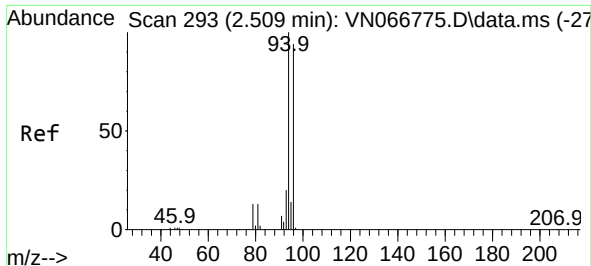
Tgt Ion:168 Resp: 341371
Ion Ratio Lower Upper
168 100
99 49.8 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 50 Resp: 1366
Ion Ratio Lower Upper
50 100
52 31.0 25.8 38.8

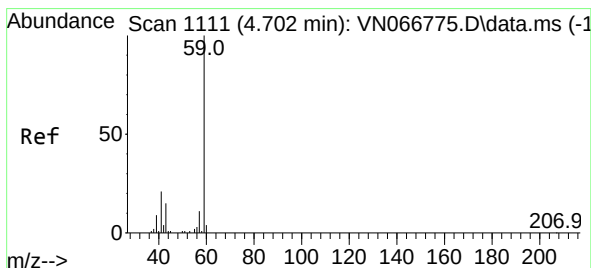
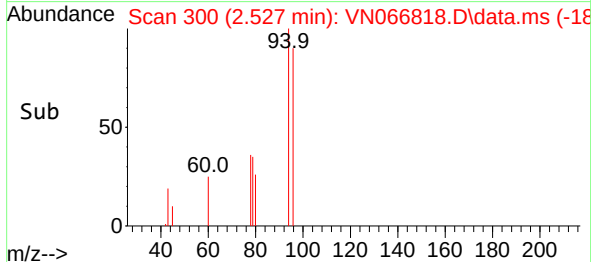
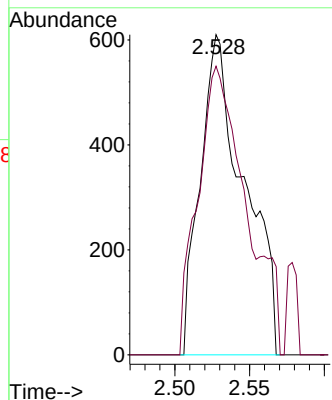
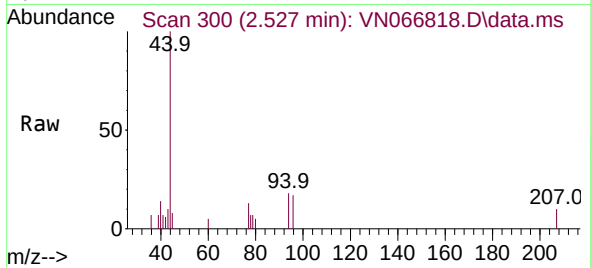




#5
Bromomethane
Concen: 0.40 ug/l
RT: 2.527 min Scan# 300
Delta R.T. 0.018 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

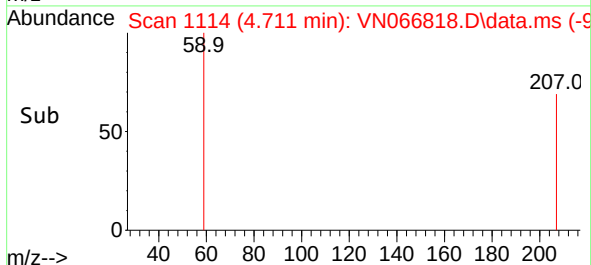
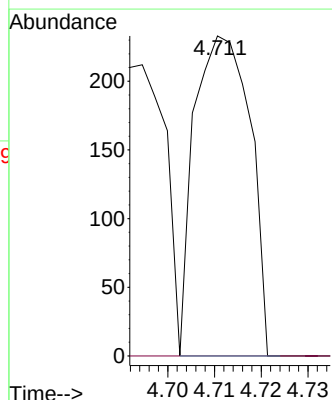
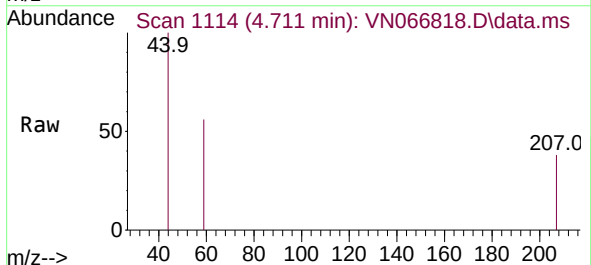
Instrument :
MSVOA_N
ClientSampled :

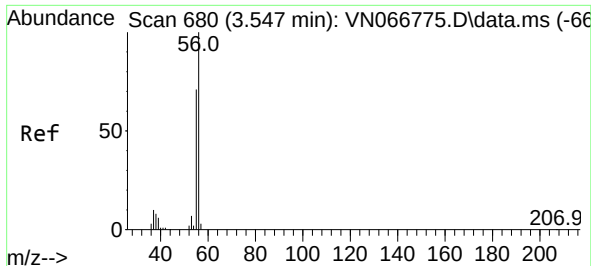
Tgt Ion: 94 Resp: 1246
Ion Ratio Lower Upper
94 100
96 90.2 73.0 109.4



#11
Tert butyl alcohol
Concen: 0.29 ug/l
RT: 4.711 min Scan# 1114
Delta R.T. 0.009 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

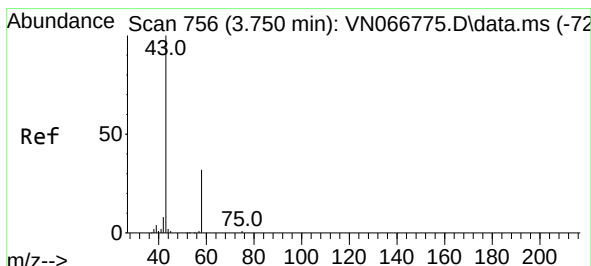
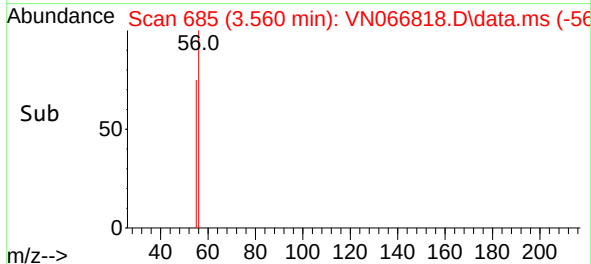
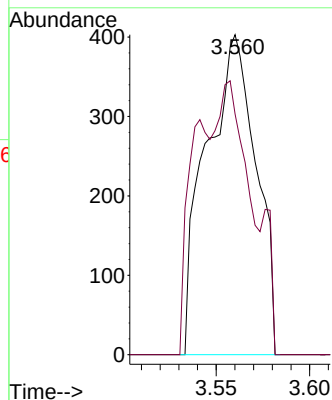
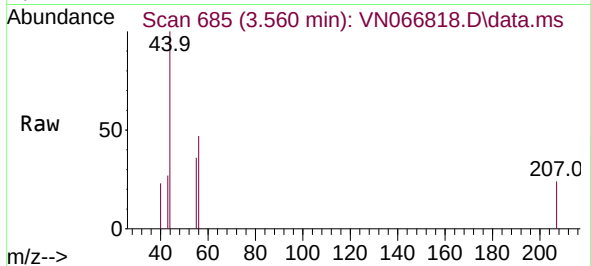




#13
Acrolein
Concen: 1.32 ug/l
RT: 3.560 min Scan# 685
Delta R.T. 0.013 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

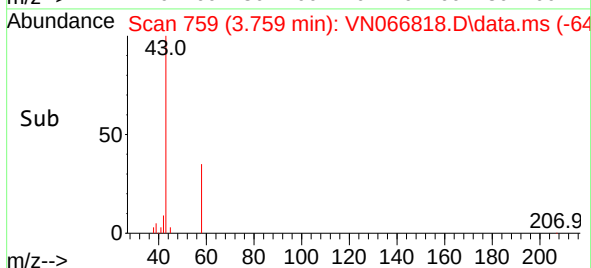
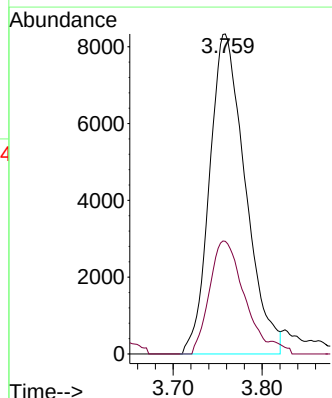
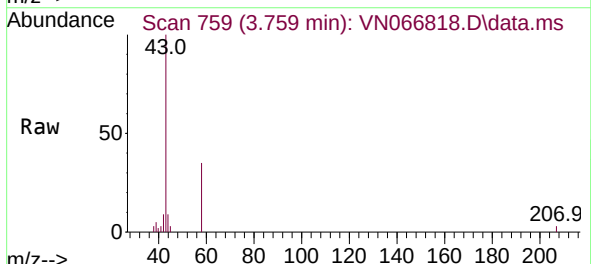
Instrument :
MSVOA_N
ClientSampled :

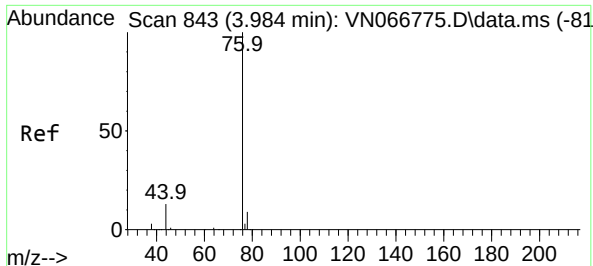
Tgt Ion: 56 Resp: 746
Ion Ratio Lower Upper
56 100
55 33.6 56.0 84.0#



#16
Acetone
Concen: 14.03 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.009 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 43 Resp: 23219
Ion Ratio Lower Upper
43 100
58 35.2 27.0 40.6

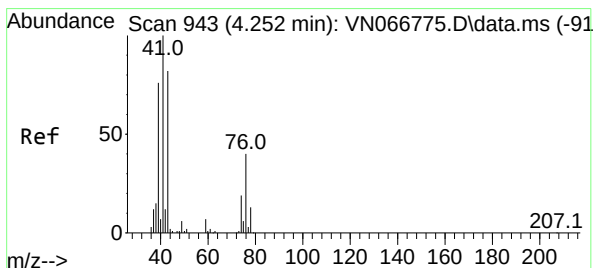
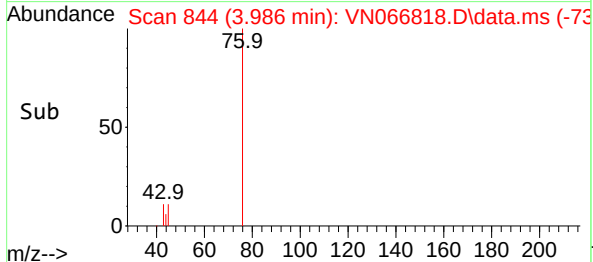
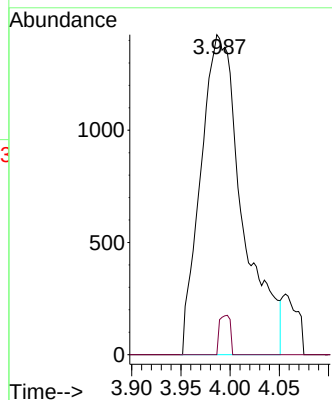
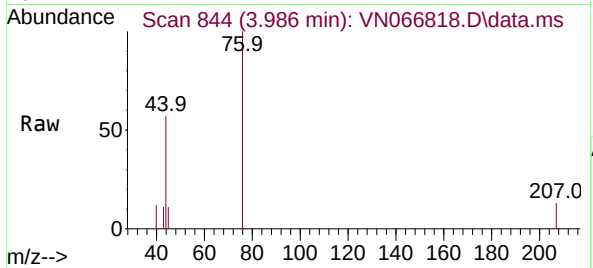




#17
Carbon Disulfide
Concen: 0.40 ug/l
RT: 3.986 min Scan# 844
Delta R.T. 0.002 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

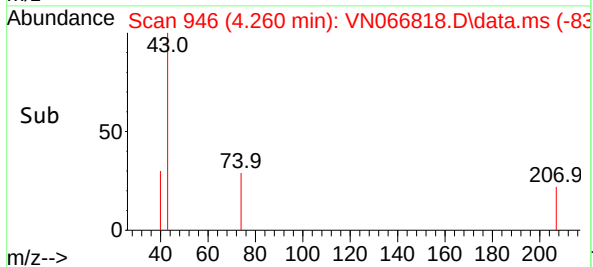
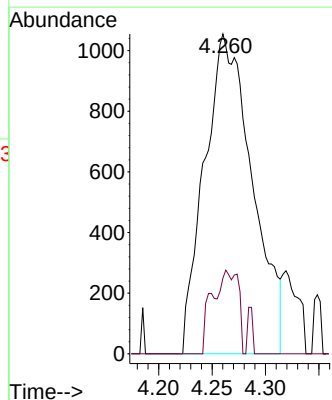
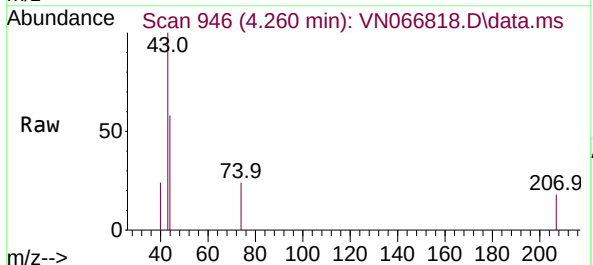
Instrument :
MSVOA_N
ClientSampled :

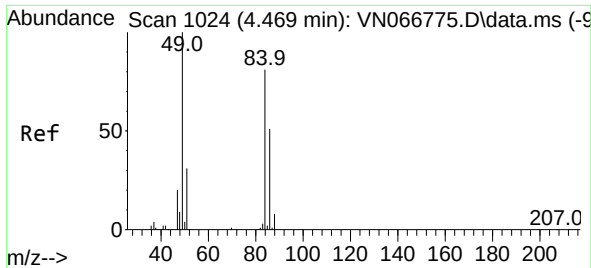
Tgt Ion: 76 Resp: 4208
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#18
Methyl Acetate
Concen: 1.83 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

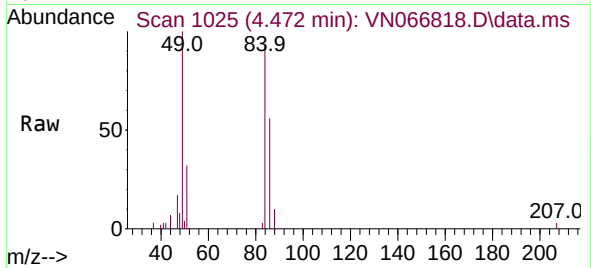
Tgt Ion: 43 Resp: 3290
Ion Ratio Lower Upper
43 100
74 9.6 19.5 29.3#



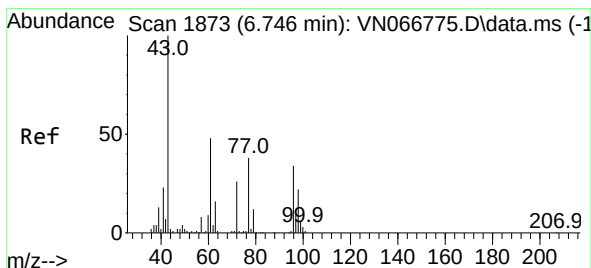
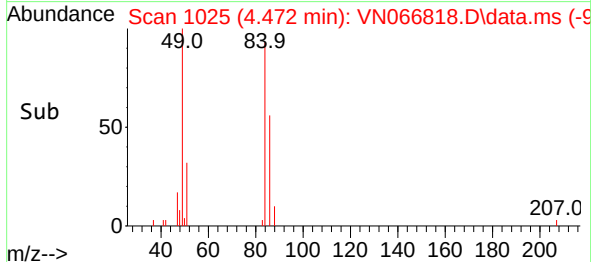
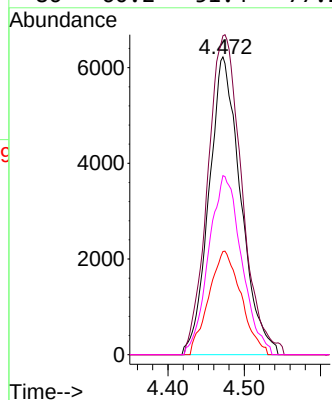


#20
Methylene Chloride
Concen: 4.28 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. 0.003 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Instrument :
MSVOA_N
ClientSampleId :

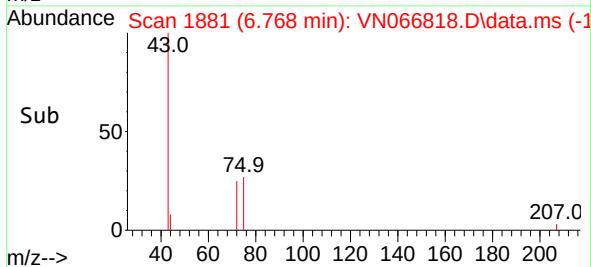
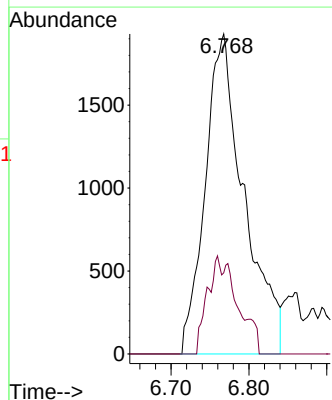
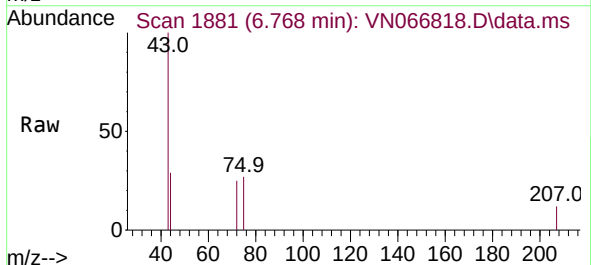


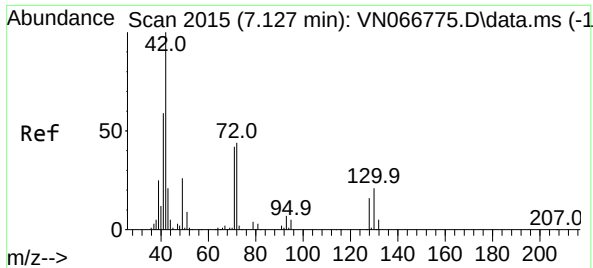
Tgt Ion:	84	Resp:	17964
Ion	Ratio	Lower	Upper
84	100		
49	107.1	94.6	141.8
51	34.6	29.9	44.9
86	60.2	51.4	77.2



#25
2-Butanone
Concen: 2.87 ug/l
RT: 6.768 min Scan# 1881
Delta R.T. 0.022 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion:	43	Resp:	6684
Ion	Ratio	Lower	Upper
43	100		
72	25.3	23.1	34.7





#29

Tetrahydrofuran

Concen: 0.76 ug/l

RT: 7.143 min Scan# 2021

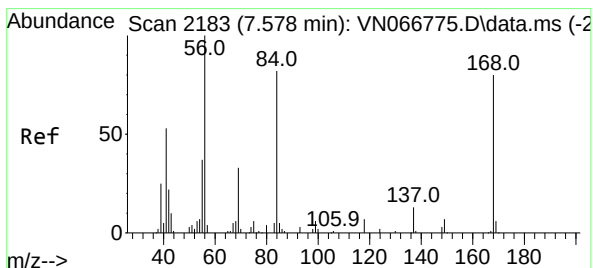
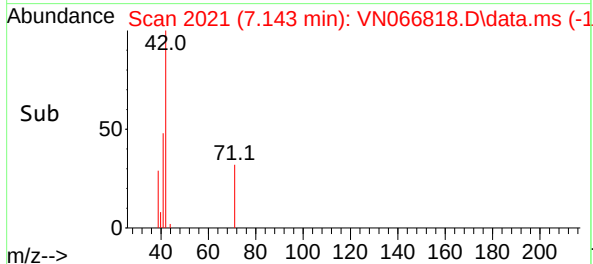
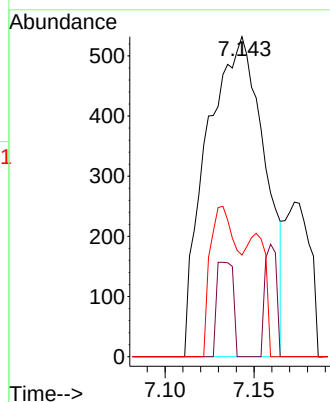
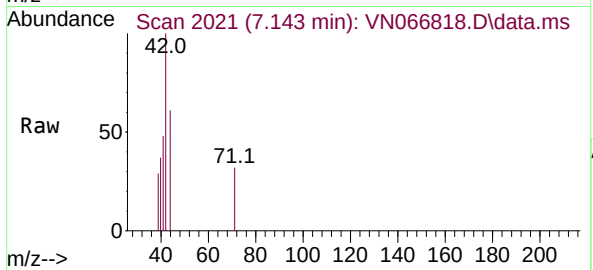
Delta R.T. 0.016 min

Lab File: VN066818.D

Acq: 28 Apr 2021 17:27

Instrument :
MSVOA_N
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Tgt Ion:	42	Resp:	1208
Ion	Ratio	Lower	Upper
42	100		
72	8.3	36.6	55.0#
71	21.9	34.3	51.5#



#31

Cyclohexane

Concen: 0.83 ug/l

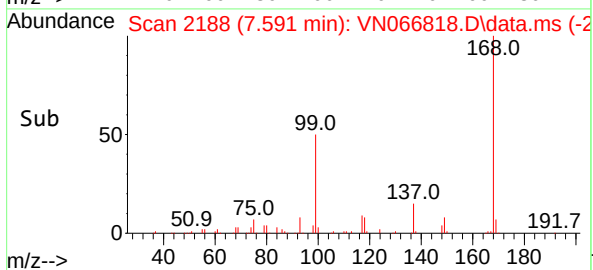
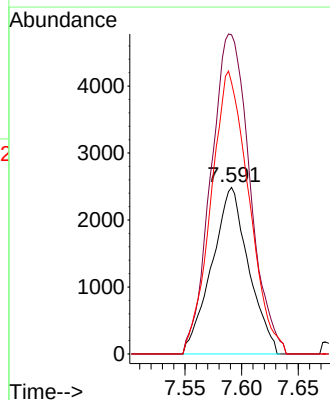
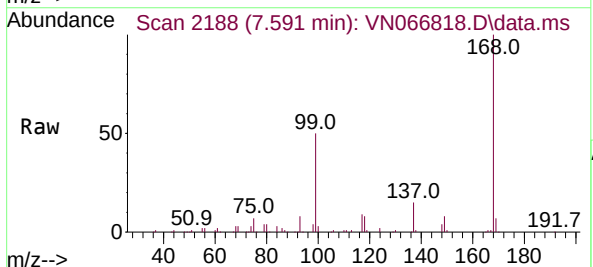
RT: 7.591 min Scan# 2188

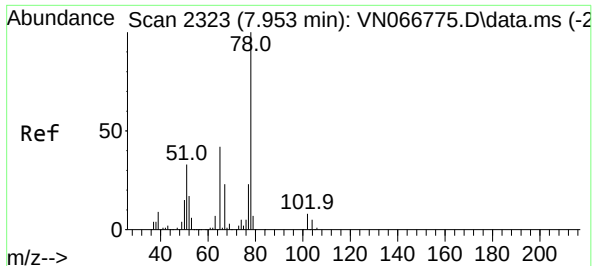
Delta R.T. 0.013 min

Lab File: VN066818.D

Acq: 28 Apr 2021 17:27

Tgt Ion:	56	Resp:	5611
Ion	Ratio	Lower	Upper
56	100		
69	191.5	26.6	39.8#
84	162.7	70.4	105.6#

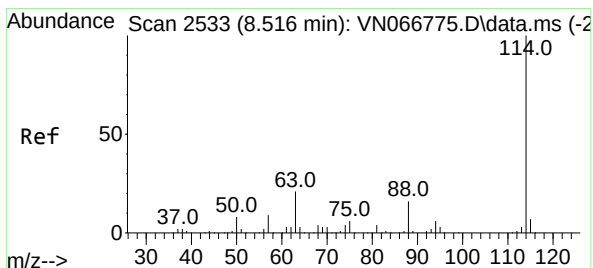
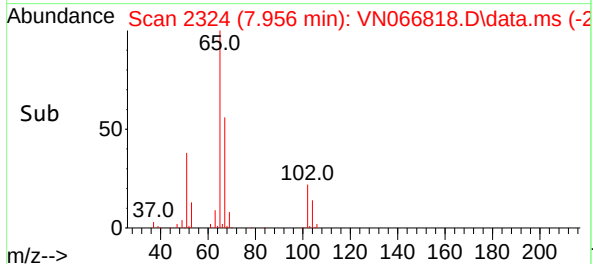
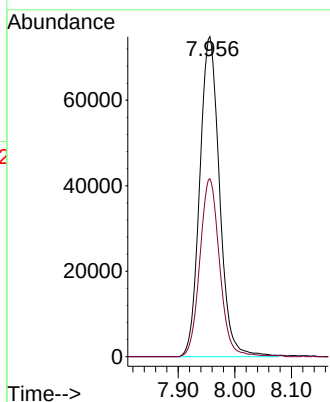
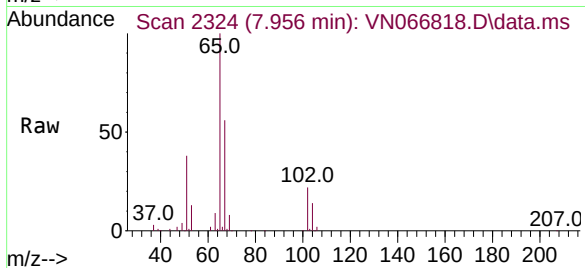




#33
 1,2-Dichloroethane-d4
 Concen: 41.44 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066818.D
 Acq: 28 Apr 2021 17:27

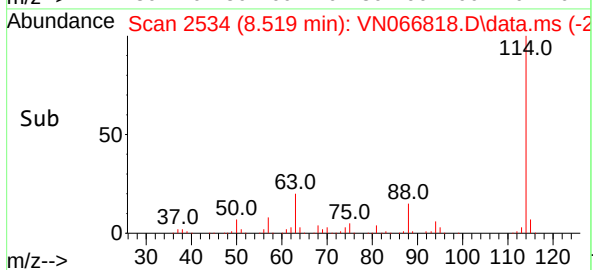
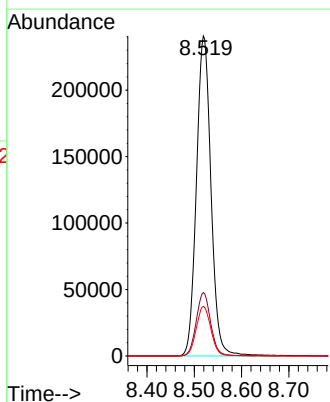
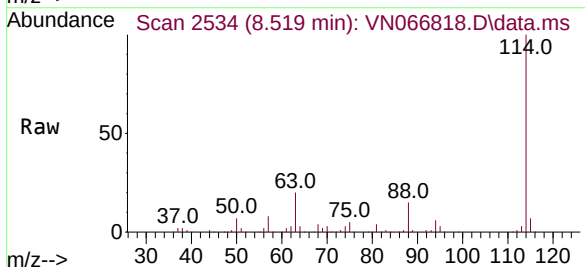
Instrument :
 MSVOA_N
 ClientSampleId :

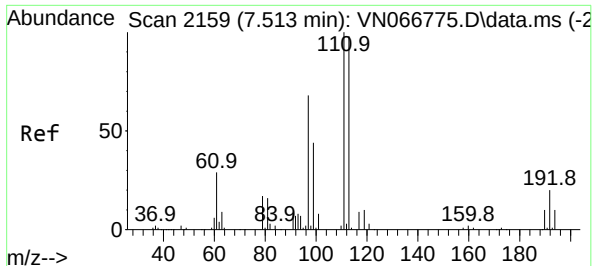
Tgt Ion: 65 Resp: 181744
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066818.D
 Acq: 28 Apr 2021 17:27

Tgt Ion: 114 Resp: 514047
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.5 0.0 30.6

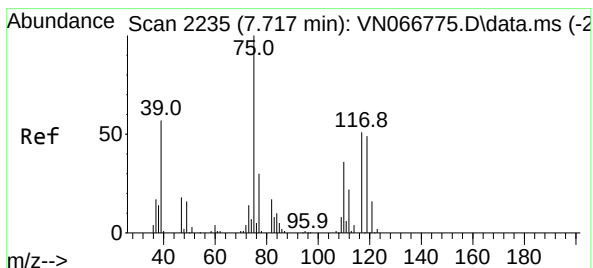
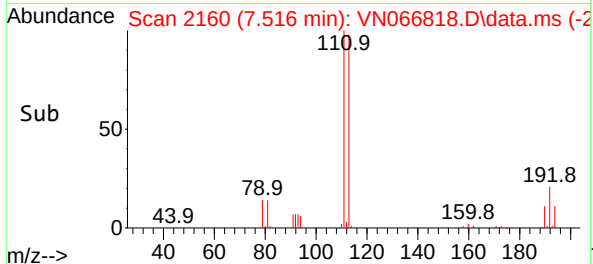
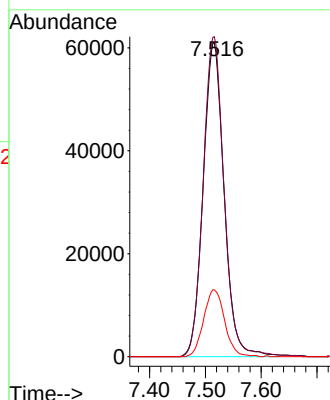
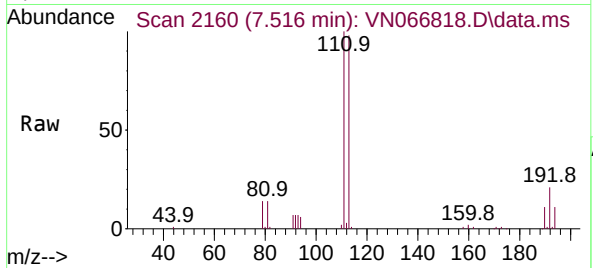




#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

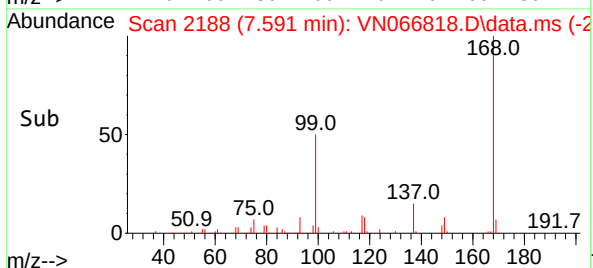
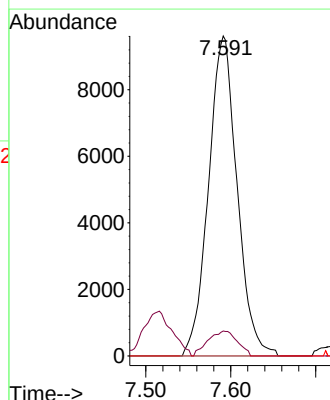
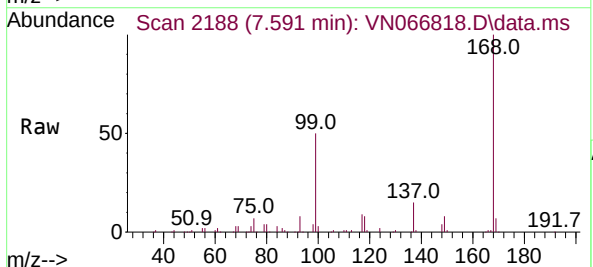
Instrument :
MSVOA_N
ClientSampleId :

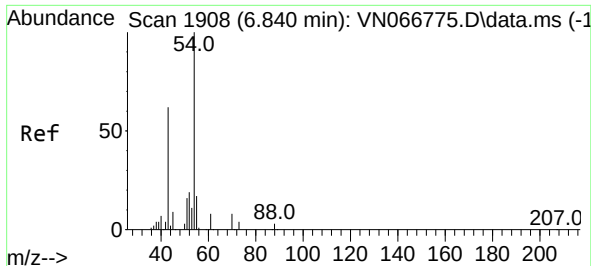
Tgt Ion:113 Resp: 158916
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 21.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 75 Resp: 22479
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.32 ug/l

RT: 6.768 min Scan# 1881

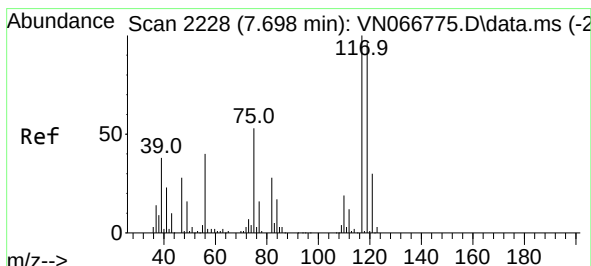
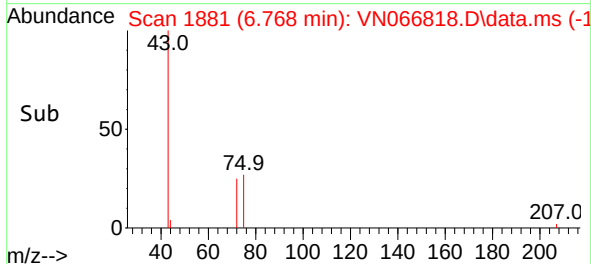
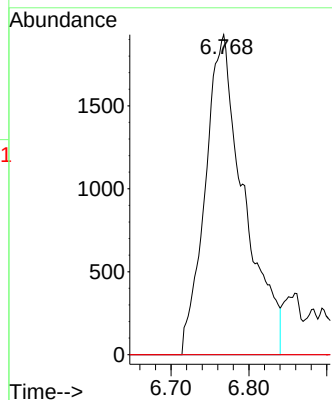
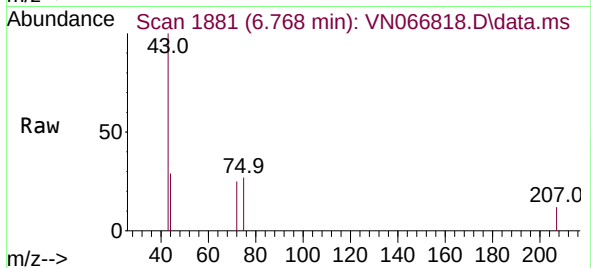
Delta R.T. -0.072 min

Lab File: VN066818.D

Acq: 28 Apr 2021 17:27

Tgt Ion:	43	Resp:	6684
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.28 ug/l

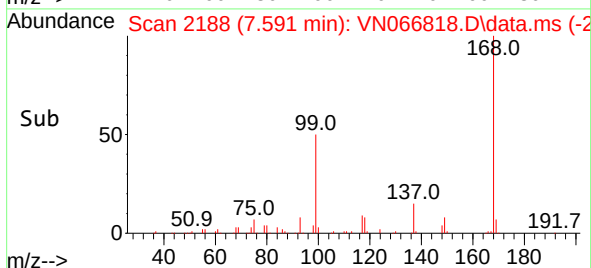
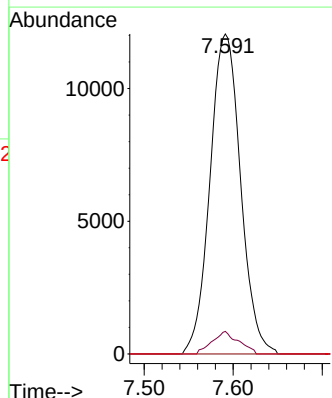
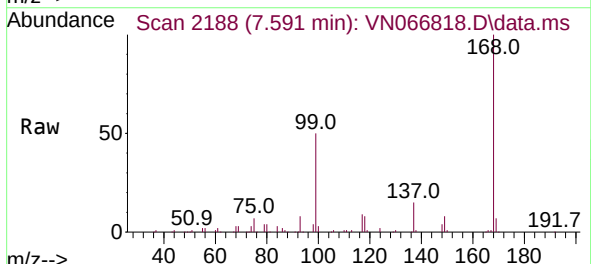
RT: 7.591 min Scan# 2188

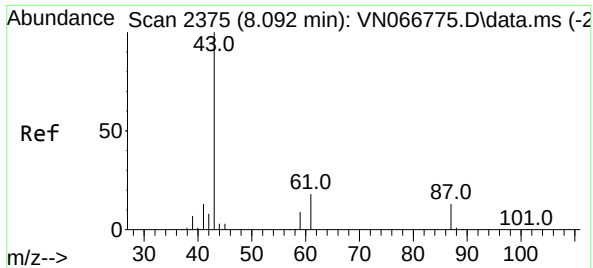
Delta R.T. -0.107 min

Lab File: VN066818.D

Acq: 28 Apr 2021 17:27

Tgt Ion:	117	Resp:	28774
Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.0	114.0#
121	0.0	24.5	36.7#

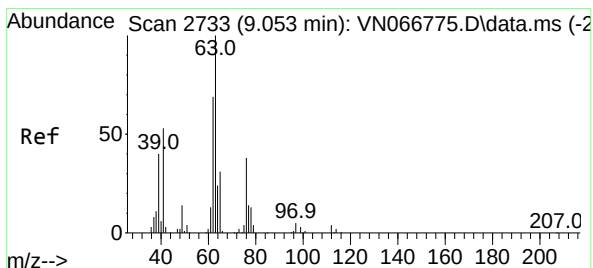
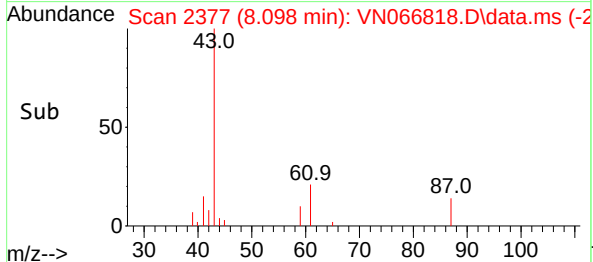
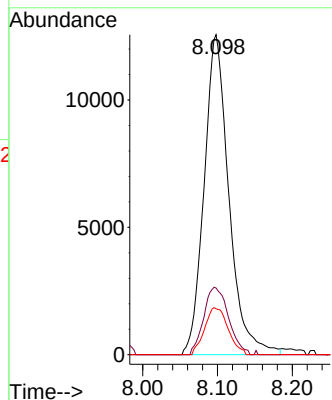
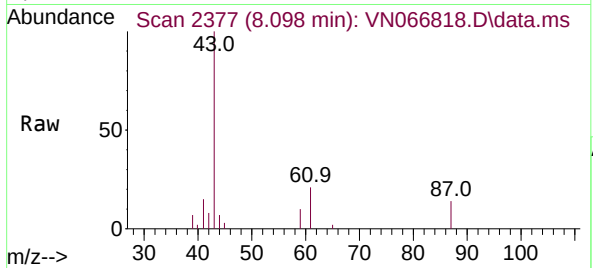




#43
Isopropyl Acetate
Concen: 3.60 ug/l
RT: 8.098 min Scan# 2377
Delta R.T. 0.006 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

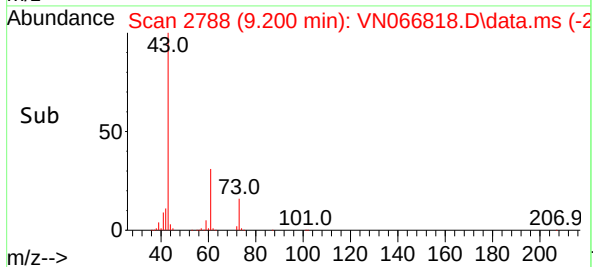
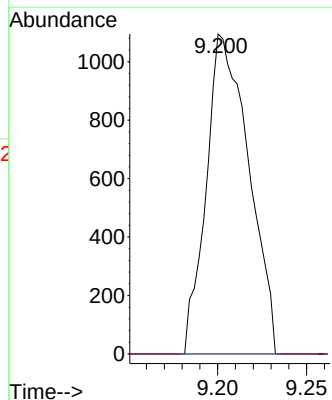
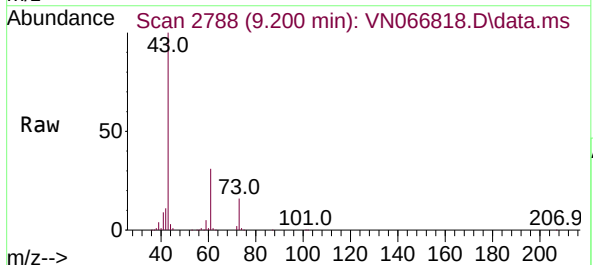
Instrument :
MSVOA_N
ClientSampleId :

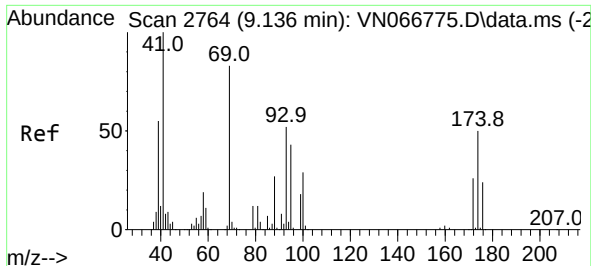
Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	22.5	33.7#
87	13.9	11.1	16.7



#45
1,2-Dichloropropane
Concen: 0.46 ug/l
RT: 9.200 min Scan# 2788
Delta R.T. 0.147 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

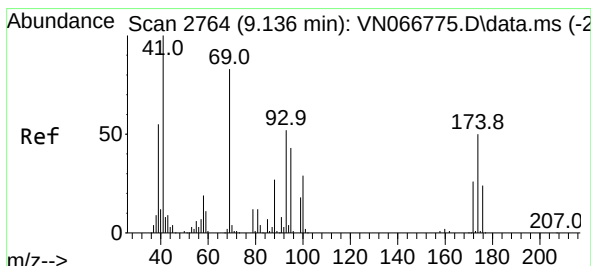
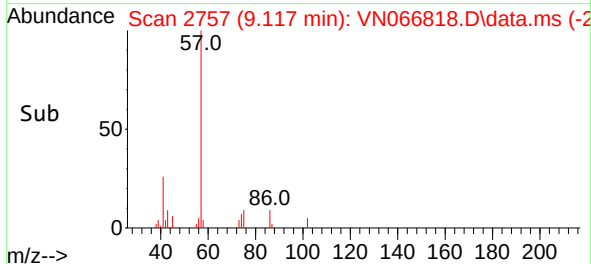
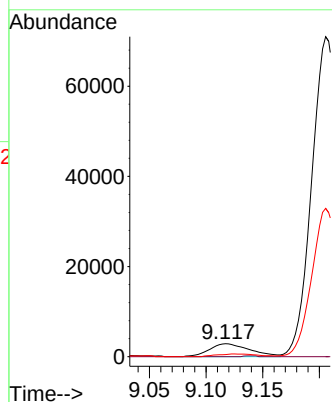
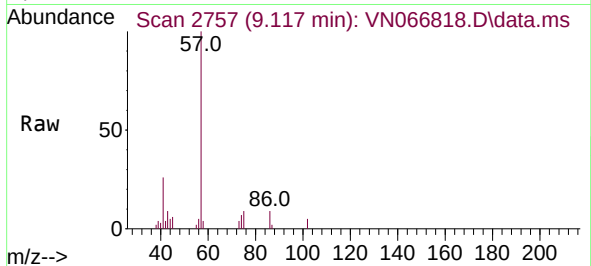




#48
Methyl methacrylate
Concen: 2.04 ug/l
RT: 9.117 min Scan# 2757
Delta R.T. -0.019 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

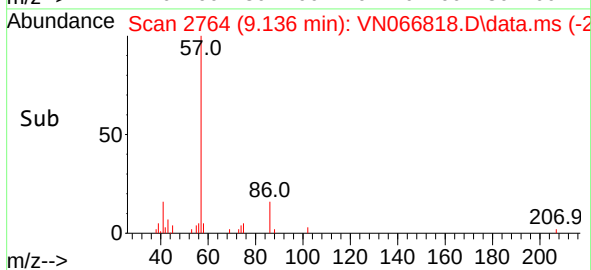
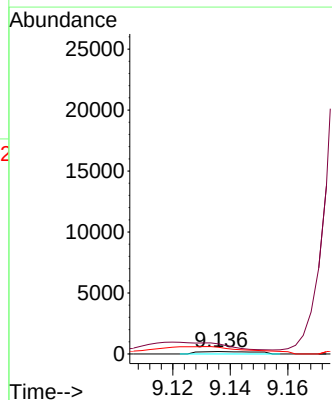
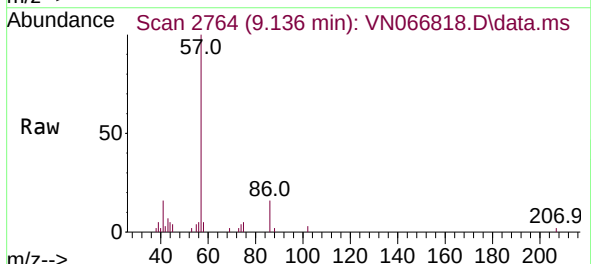
Instrument :
MSVOA_N
ClientSampleId :

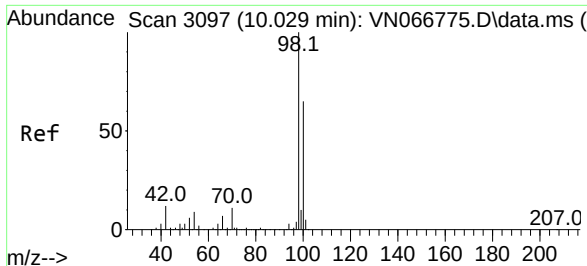
Tgt Ion: 41 Resp: 7159
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#49
1,4-Dioxane
Concen: 5.25 ug/l
RT: 9.136 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 88 Resp: 276
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 521.4 52.6 78.8#

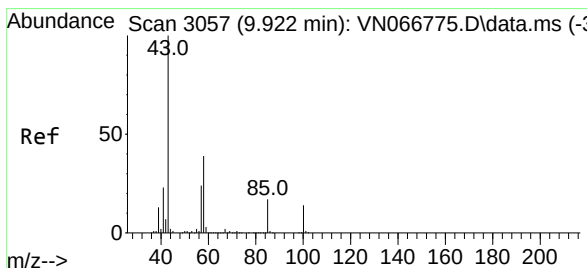
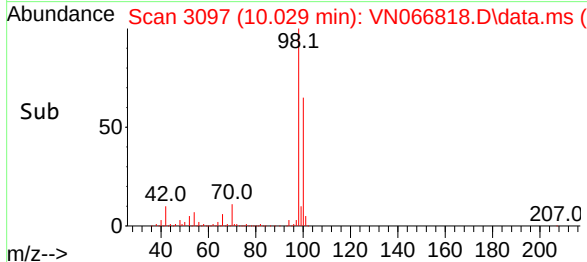
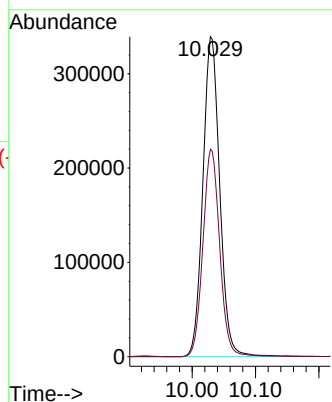
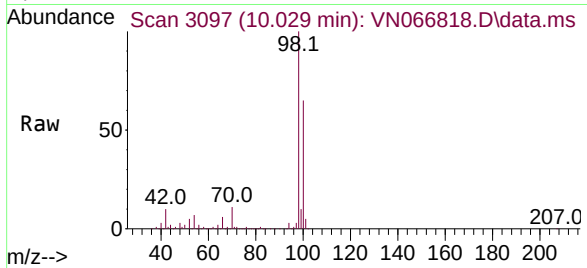




#50
Toluene-d8
Concen: 50.32 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

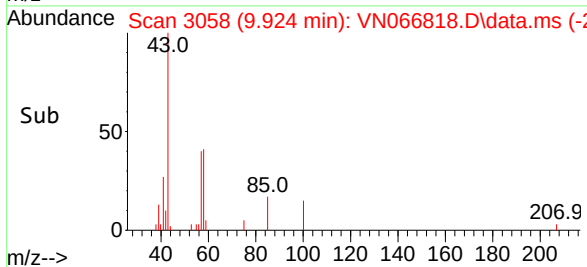
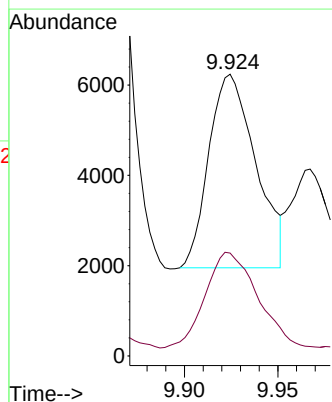
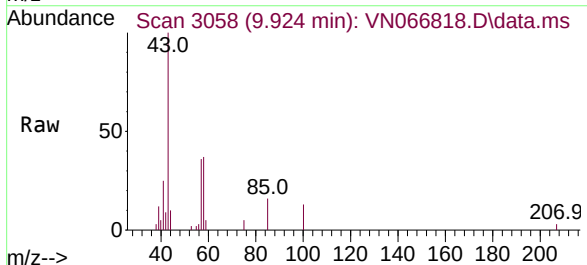
Instrument :
MSVOA_N
ClientSampled :

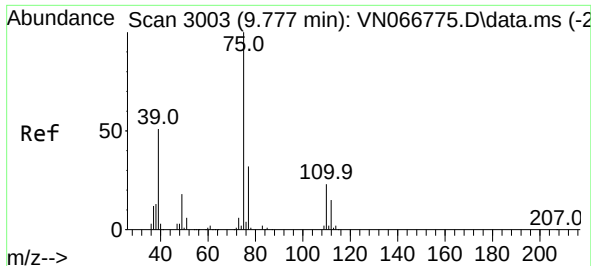
Tgt Ion: 98 Resp: 626772
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.71 ug/l
RT: 9.924 min Scan# 3058
Delta R.T. 0.002 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

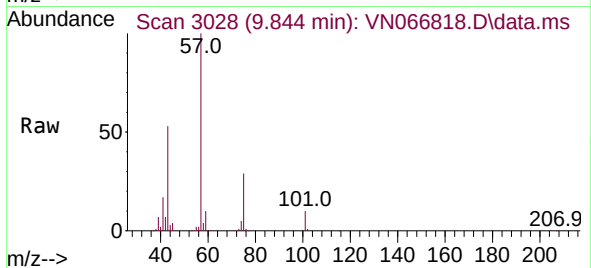
Tgt Ion: 43 Resp: 7493
Ion Ratio Lower Upper
43 100
58 58.1 32.5 48.7#



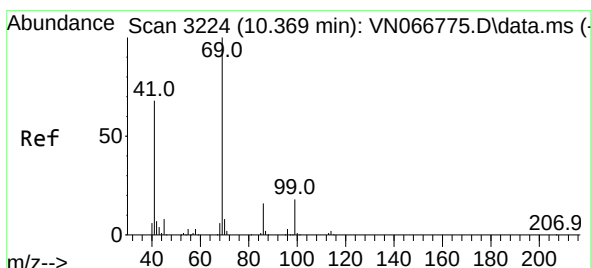
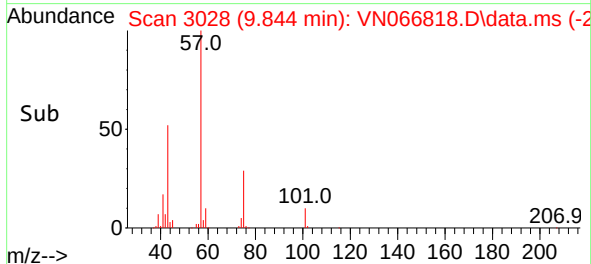
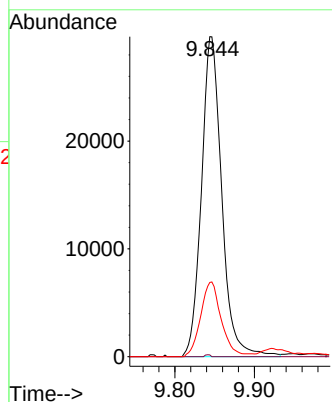


#54
cis-1,3-Dichloropropene
Concen: 8.67 ug/l
RT: 9.844 min Scan# 3028
Delta R.T. 0.067 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Instrument :
MSVOA_N
ClientSampled :

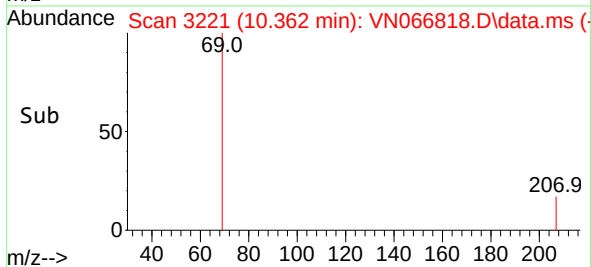
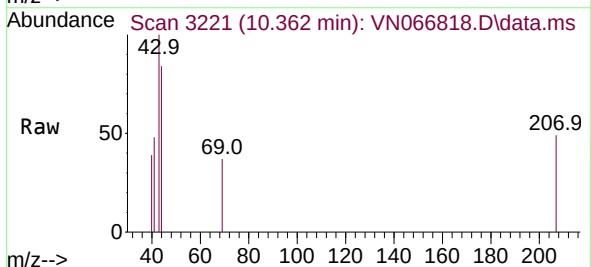
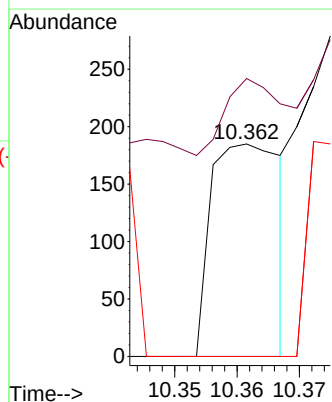


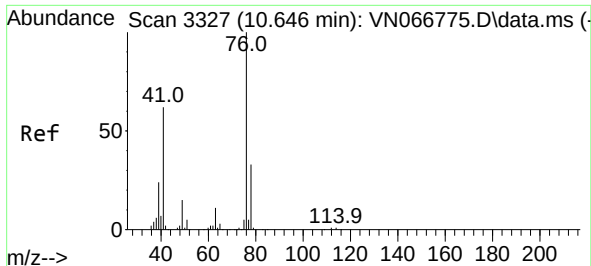
Tgt Ion: 75 Resp: 52645
Ion Ratio Lower Upper
75 100
77 0.5 24.9 37.3#
39 23.2 36.2 54.4#



#56
Ethyl methacrylate
Concen: 3.19 ug/l
RT: 10.362 min Scan# 3221
Delta R.T. -0.007 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 69 Resp: 143
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

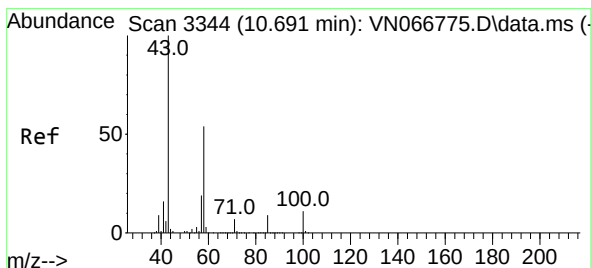
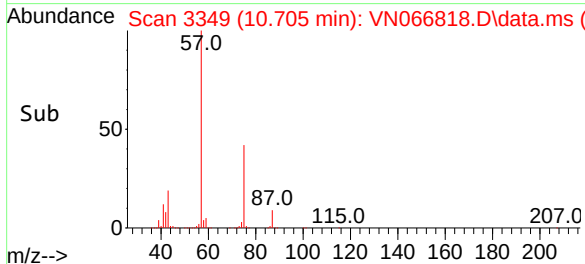
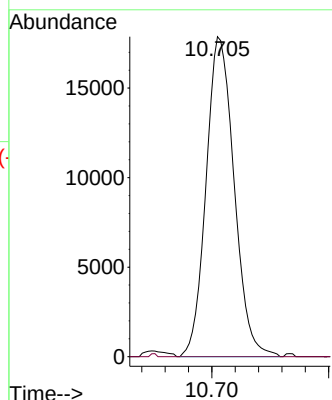
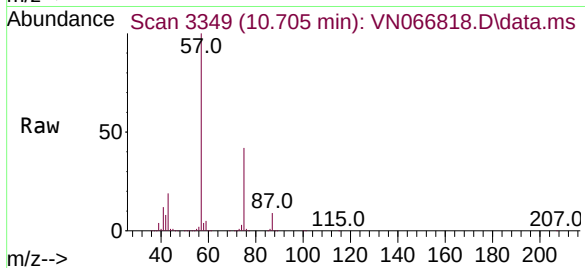




#57
1,3-Dichloropropane
Concen: 5.08 ug/l
RT: 10.705 min Scan# 3349
Delta R.T. 0.059 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

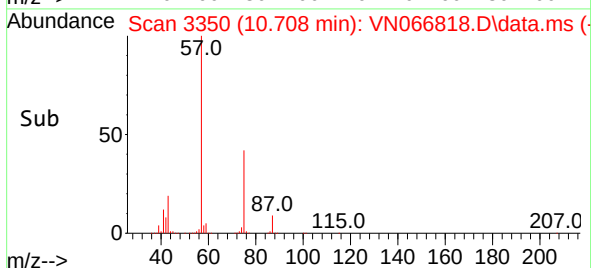
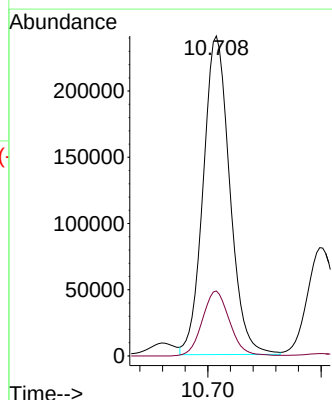
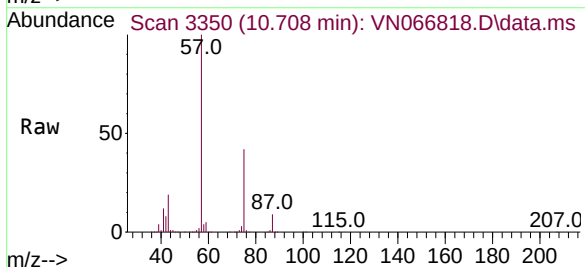
Instrument :
MSVOA_N
ClientSampleId :

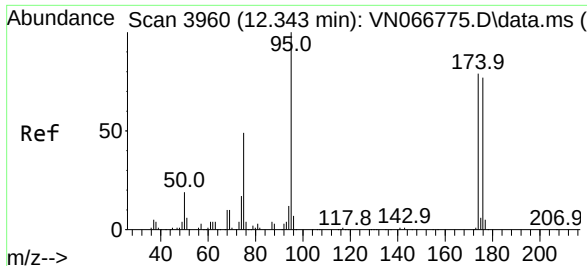
Tgt Ion: 76 Resp: 29787
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 124.10 ug/l
RT: 10.708 min Scan# 3350
Delta R.T. 0.017 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

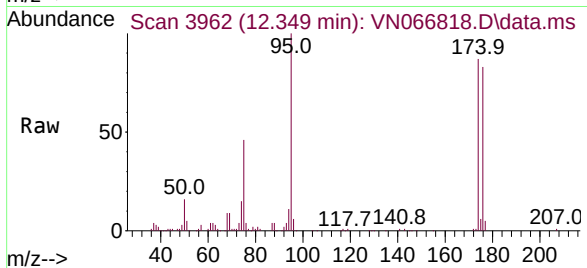
Tgt Ion: 43 Resp: 391042
Ion Ratio Lower Upper
43 100
58 21.0 28.1 84.3#



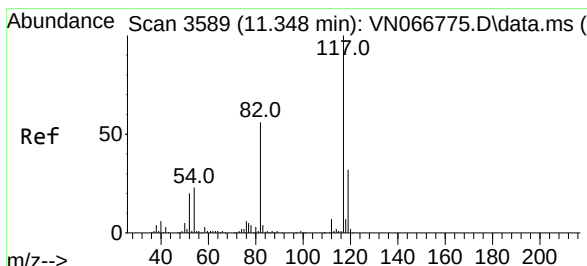
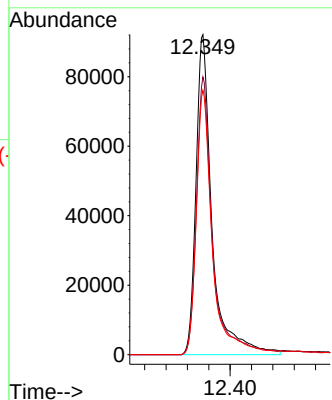
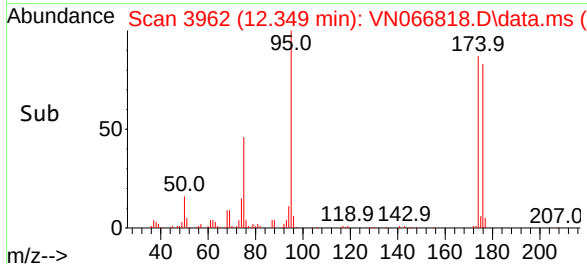


#62
4-Bromofluorobenzene
Concen: 45.95 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

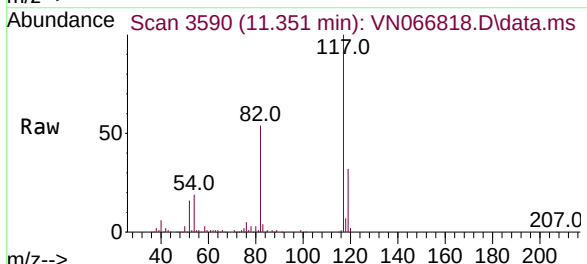
Instrument :
MSVOA_N
ClientSampleId :



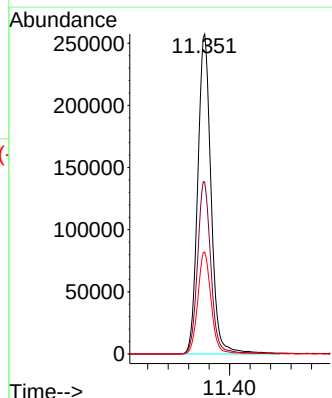
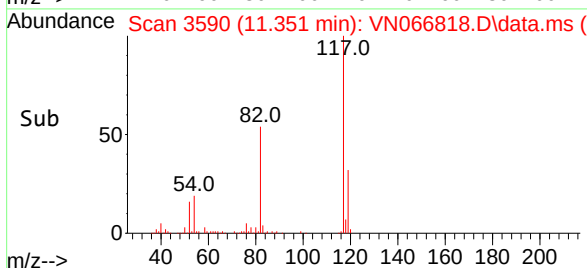
Tgt Ion: 95 Resp: 193639
Ion Ratio Lower Upper
95 100
174 86.6 0.0 169.0
176 82.2 0.0 162.4

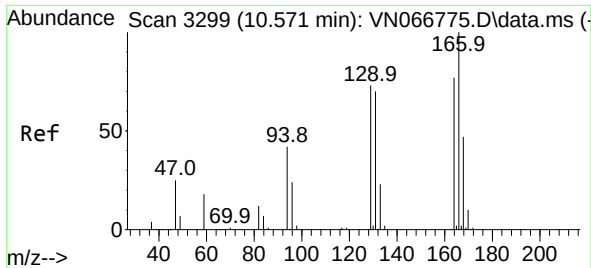


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27



Tgt Ion: 117 Resp: 465361
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 31.9 26.1 39.1

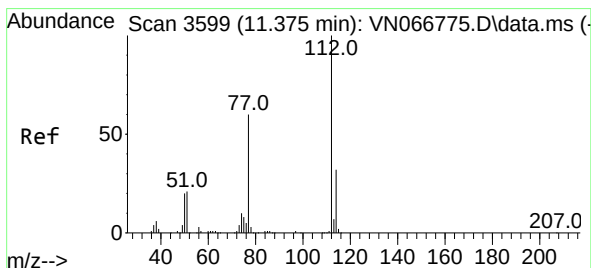
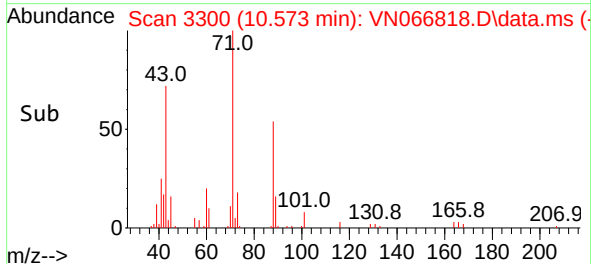
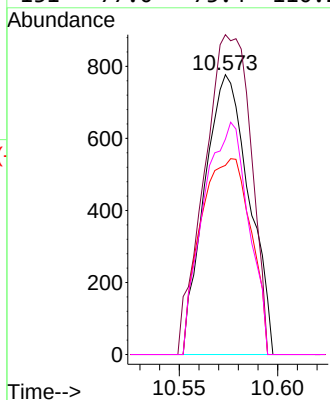
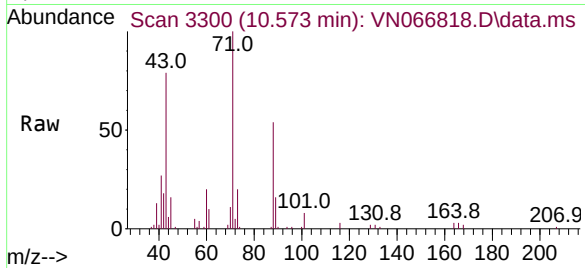




#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

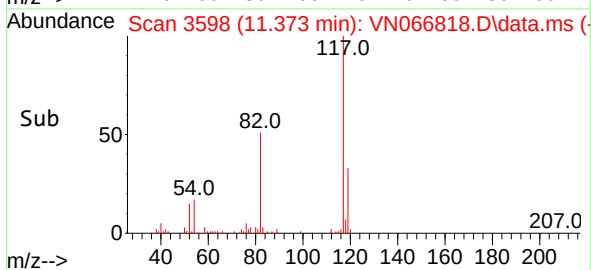
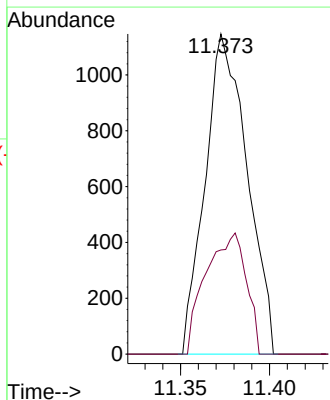
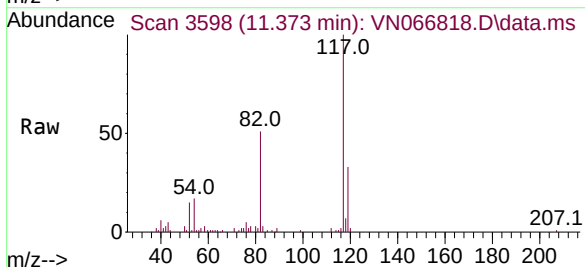
Instrument :
MSVOA_N
ClientSampleId :

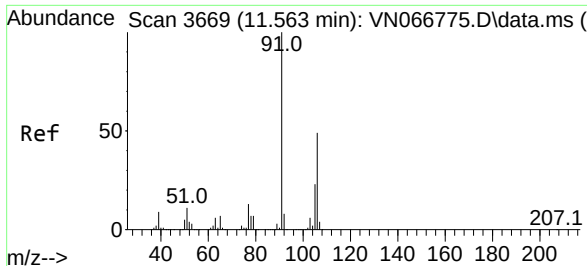
Tgt Ion:164	Resp:	1221
Ion Ratio	Lower	Upper
164	100	
166	114.3	102.6 154.0
129	67.6	76.2 114.4#
131	77.0	73.4 110.2



#65
Chlorobenzene
Concen: 0.20 ug/l
RT: 11.373 min Scan# 3598
Delta R.T. -0.002 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion:112	Resp:	1881
Ion Ratio	Lower	Upper
112	100	
114	32.5	26.1 39.1

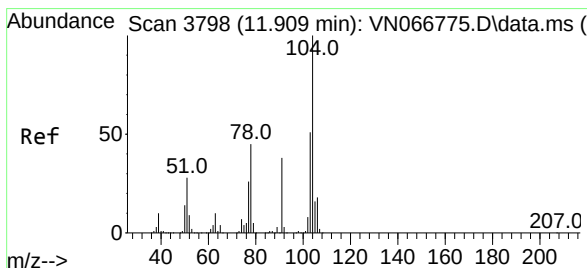
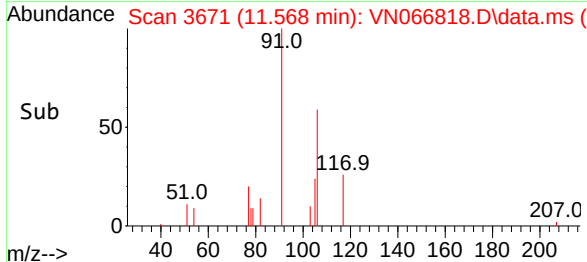
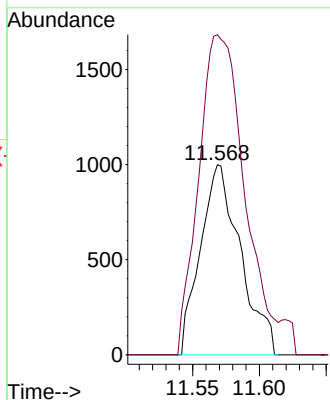
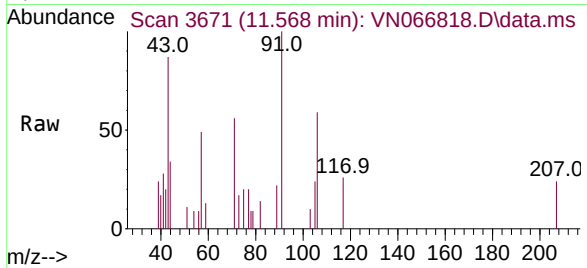




#68
m/p-Xylenes
Concen: 0.35 ug/l
RT: 11.568 min Scan# 3671
Delta R.T. 0.005 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

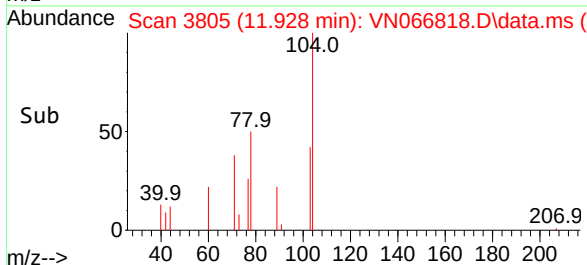
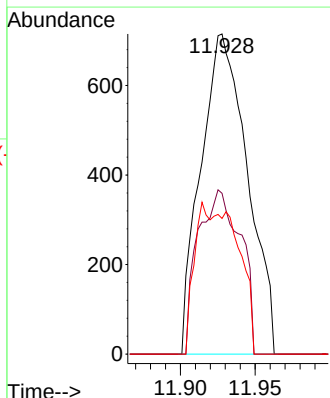
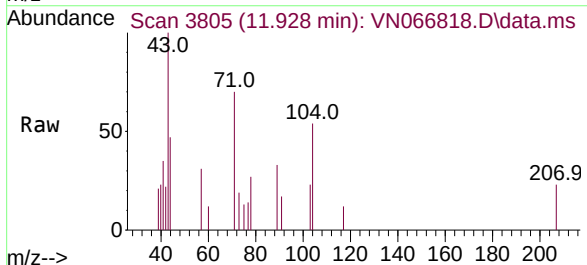
Instrument :
MSVOA_N
ClientSampled :

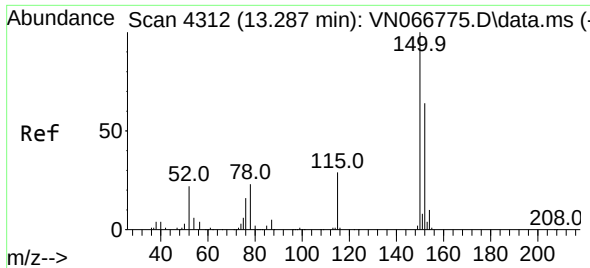
Tgt Ion:106 Resp: 2082
Ion Ratio Lower Upper
106 100
91 192.7 161.4 242.0



#70
Styrene
Concen: 3.18 ug/l
RT: 11.928 min Scan# 3805
Delta R.T. 0.019 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion:104 Resp: 1550
Ion Ratio Lower Upper
104 100
78 46.6 39.0 58.4
103 16.5 44.5 66.7#

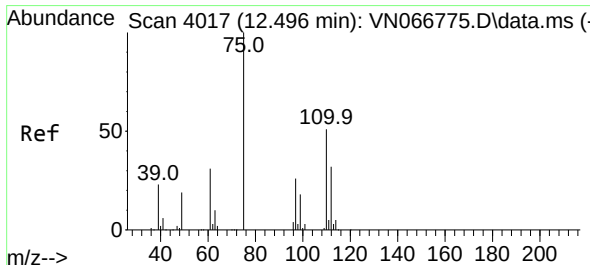
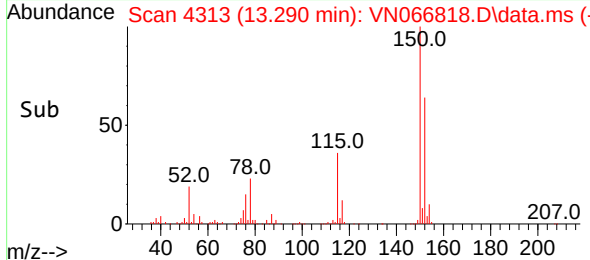
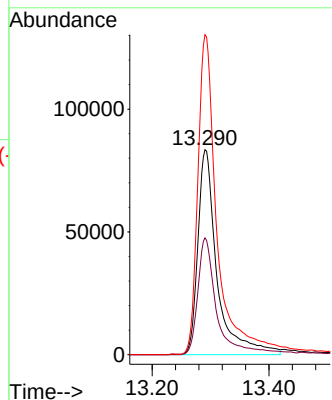
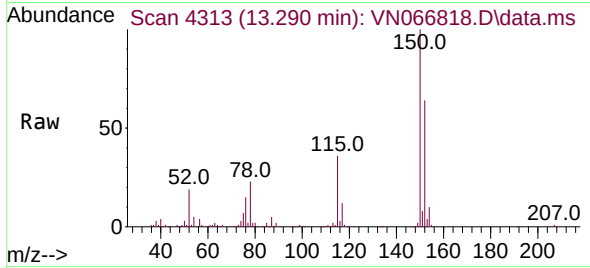




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

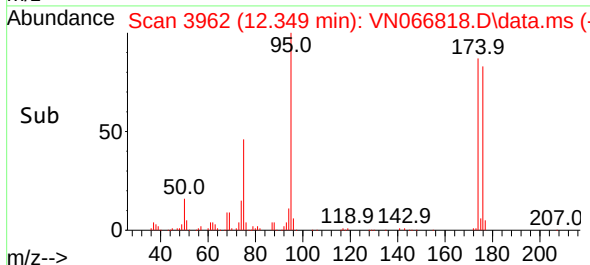
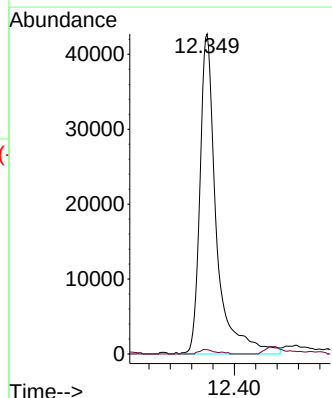
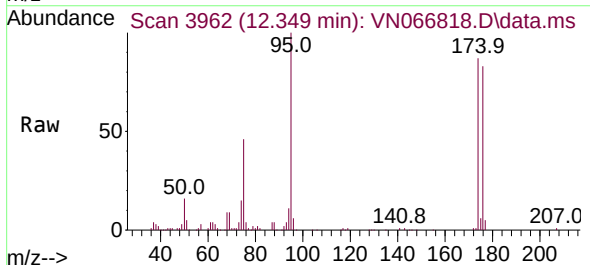
Instrument :
MSVOA_N
ClientSampled :

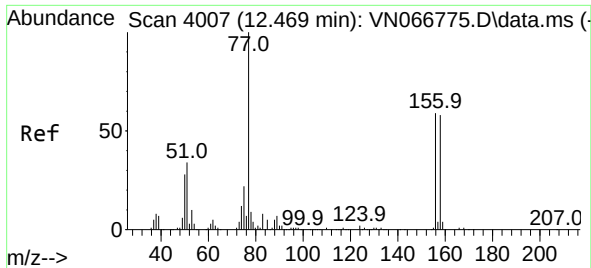
Tgt Ion:152 Resp: 191313
Ion Ratio Lower Upper
152 100
115 55.7 28.5 85.6
150 158.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.75 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 75 Resp: 91749
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

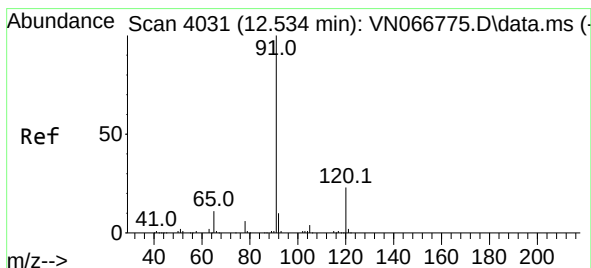
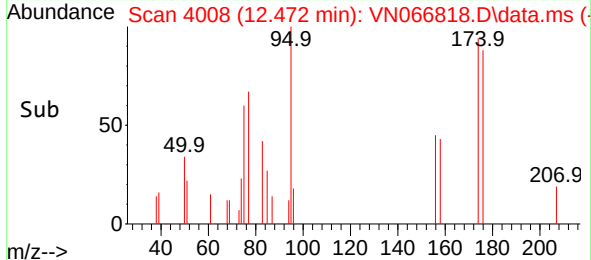
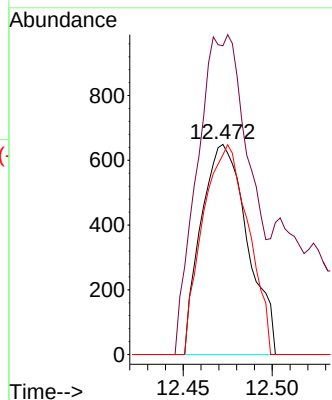
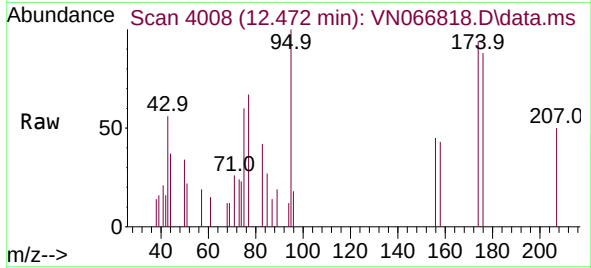




#77
Bromobenzene
Concen: 0.34 ug/l
RT: 12.472 min Scan# 4008
Delta R.T. 0.003 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

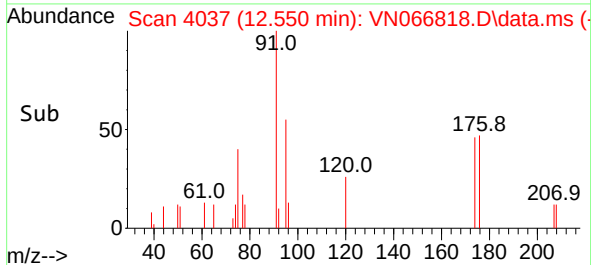
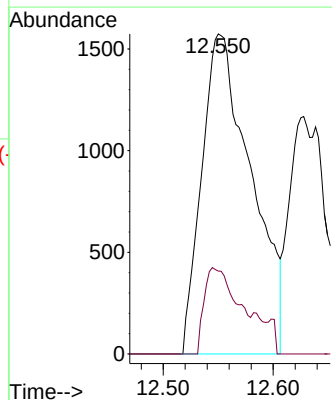
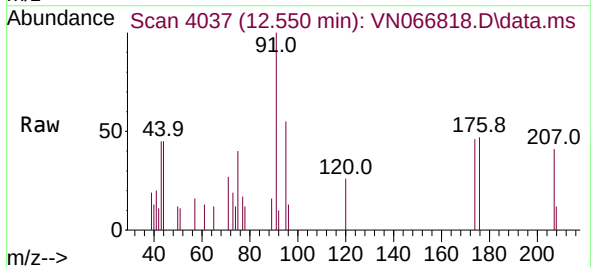
Instrument :
MSVOA_N
ClientSampled :

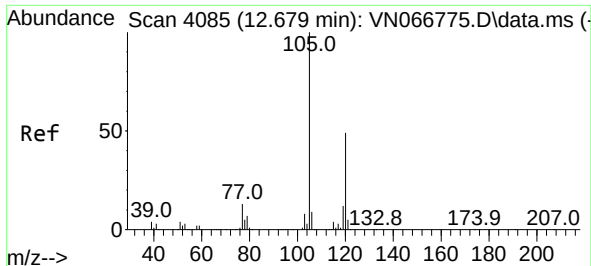
Tgt Ion:156 Resp: 1177
Ion Ratio Lower Upper
156 100
77 171.4 96.3 288.8
158 97.9 49.0 147.0



#78
n-propylbenzene
Concen: 0.32 ug/l
RT: 12.550 min Scan# 4037
Delta R.T. 0.016 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 91 Resp: 4914
Ion Ratio Lower Upper
91 100
120 17.8 11.8 35.3

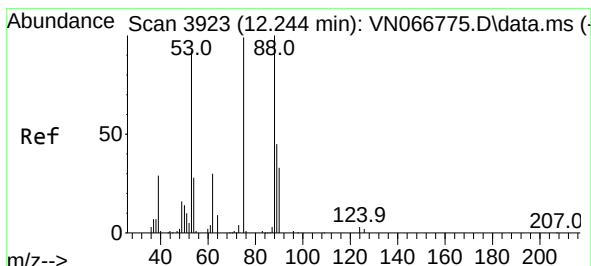
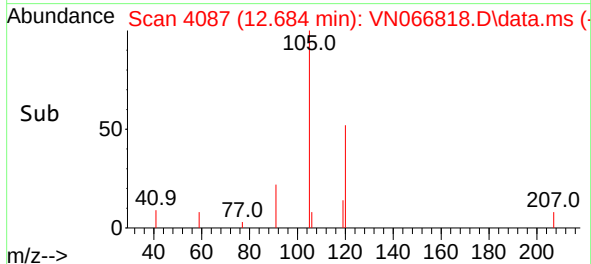
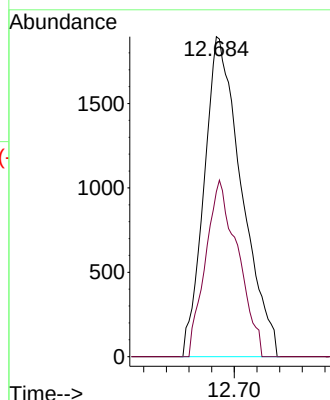
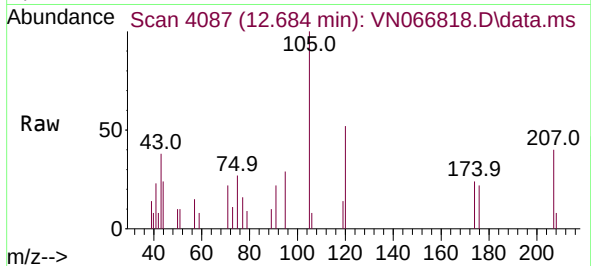




#80
 1,3,5-Trimethylbenzene
 Concen: 0.37 ug/l
 RT: 12.684 min Scan# 4087
 Delta R.T. 0.005 min
 Lab File: VN066818.D
 Acq: 28 Apr 2021 17:27

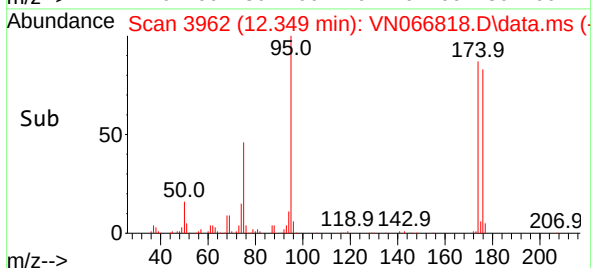
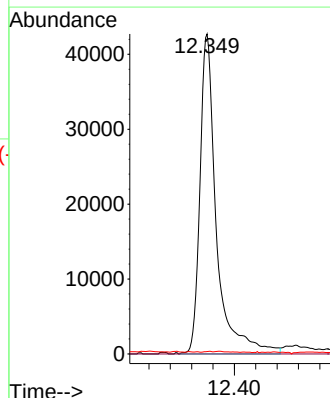
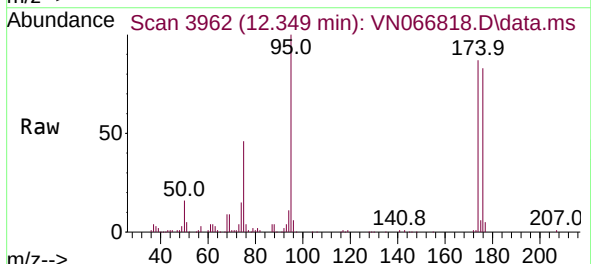
Instrument :
 MSVOA_N
 ClientSampled :

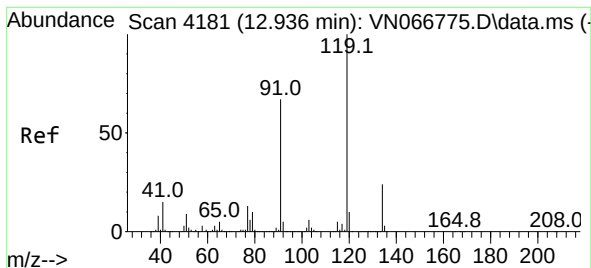
Tgt Ion:105 Resp: 4354
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.64 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. 0.105 min
 Lab File: VN066818.D
 Acq: 28 Apr 2021 17:27

Tgt Ion: 75 Resp: 91749
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.1 35.8 53.8#





#83

tert-Butylbenzene

Concen: 0.23 ug/l

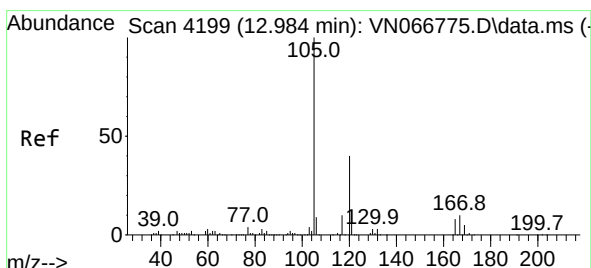
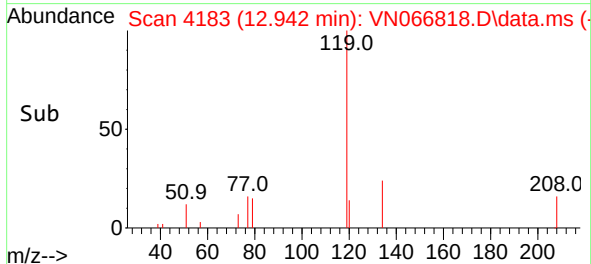
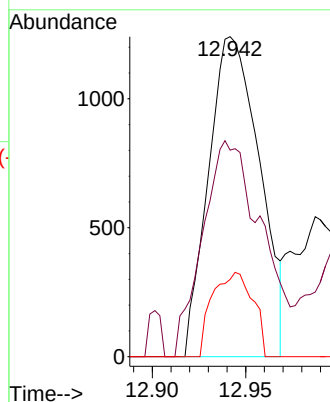
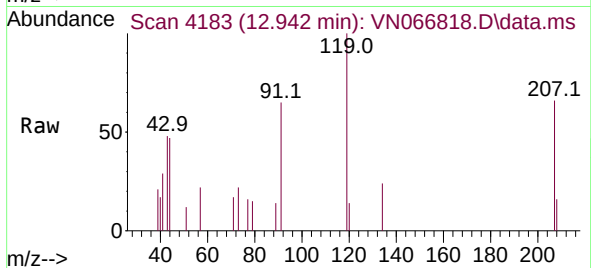
RT: 12.942 min Scan# 4183

Delta R.T. 0.006 min

Lab File: VN066818.D

Acq: 28 Apr 2021 17:27

Tgt Ion:	119	Resp:	2366
Ion Ratio	Lower	Upper	
119	100		
91	77.7	33.0	98.9
134	20.8	12.7	38.1



#84

1,2,4-Trimethylbenzene

Concen: 0.41 ug/l

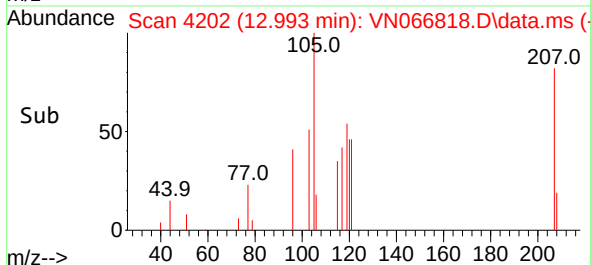
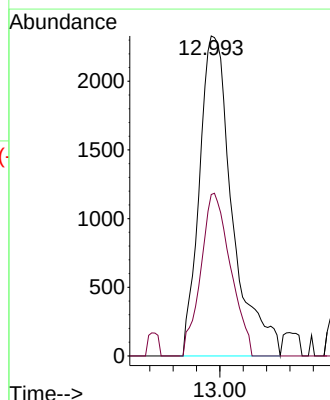
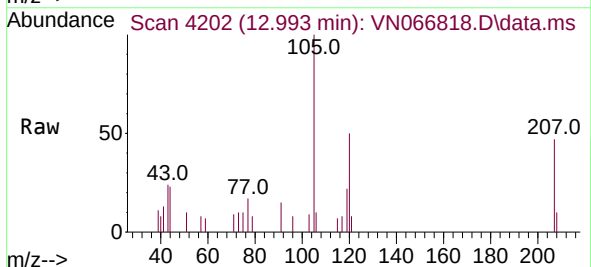
RT: 12.993 min Scan# 4202

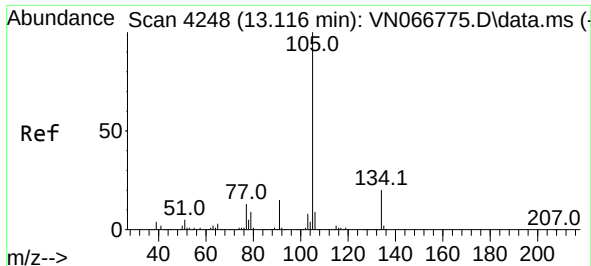
Delta R.T. 0.009 min

Lab File: VN066818.D

Acq: 28 Apr 2021 17:27

Tgt Ion:	105	Resp:	4562
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.4	67.0

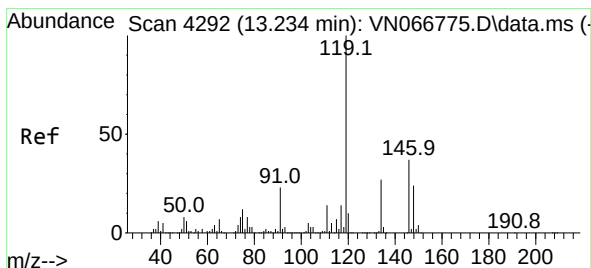
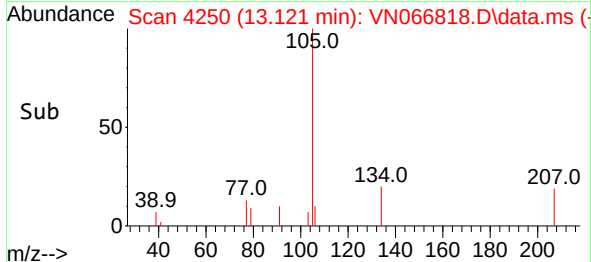
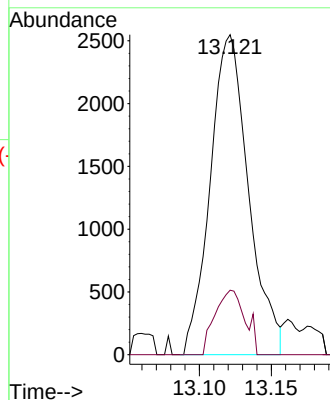
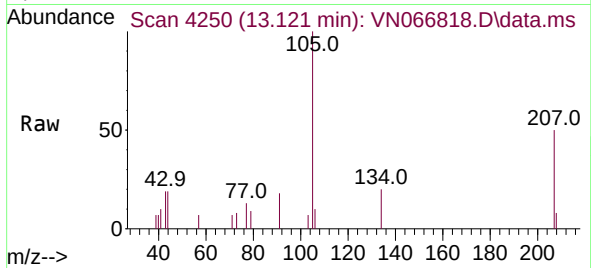




#85
 sec-Butylbenzene
 Concen: 0.36 ug/l
 RT: 13.121 min Scan# 4250
 Delta R.T. 0.005 min
 Lab File: VN066818.D
 Acq: 28 Apr 2021 17:27

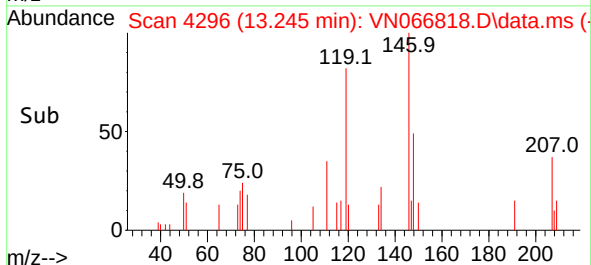
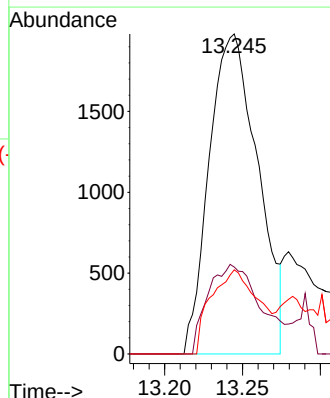
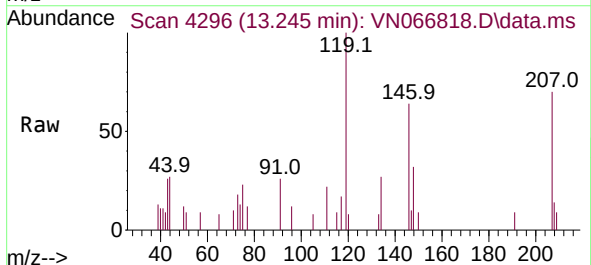
Instrument :
 MSVOA_N
 ClientSampled :

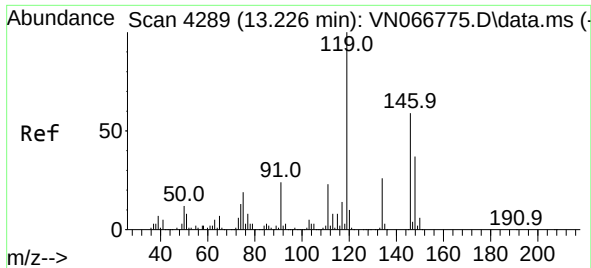
Tgt Ion:105 Resp: 4730
 Ion Ratio Lower Upper
 105 100
 134 15.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.38 ug/l
 RT: 13.245 min Scan# 4296
 Delta R.T. 0.011 min
 Lab File: VN066818.D
 Acq: 28 Apr 2021 17:27

Tgt Ion:119 Resp: 4306
 Ion Ratio Lower Upper
 119 100
 134 30.2 13.3 39.8
 91 25.5 11.8 35.3

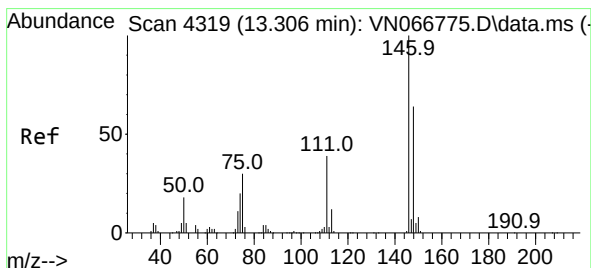
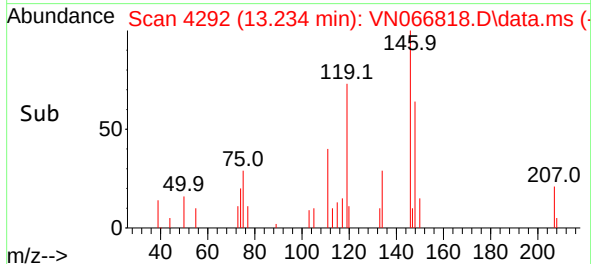
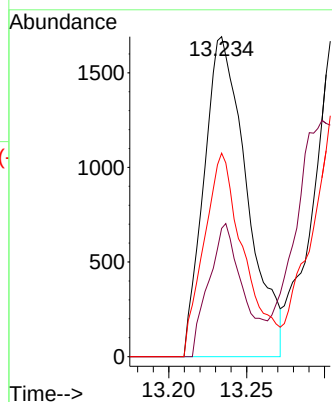
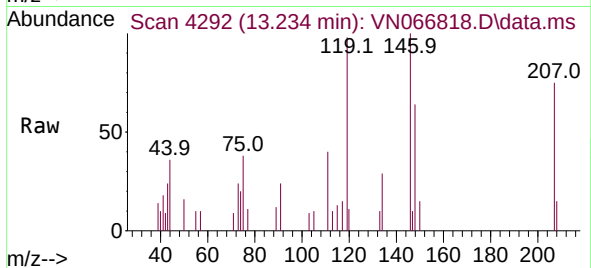




#87
1,3-Dichlorobenzene
Concen: 0.55 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. 0.008 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

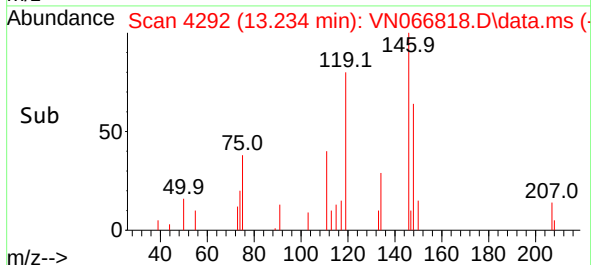
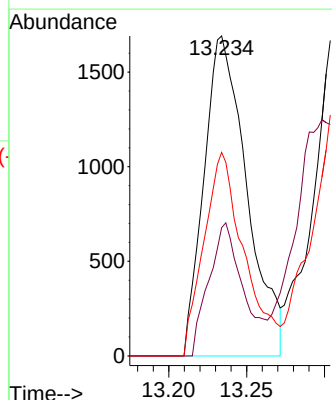
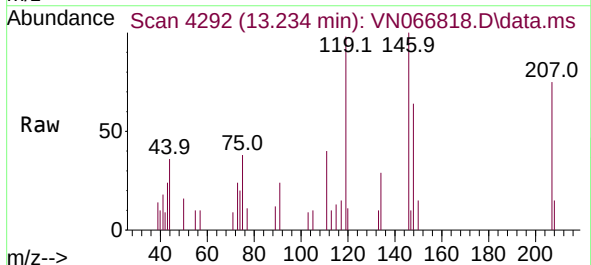
Instrument :
MSVOA_N
ClientSampleId :

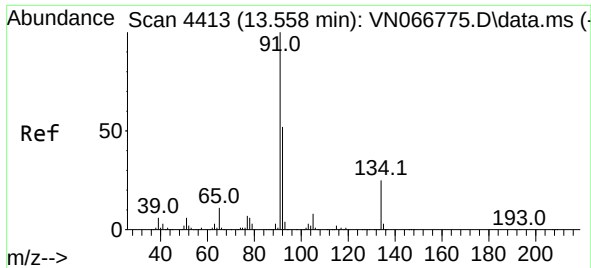
Tgt Ion:	146	Resp:	3242
Ion	Ratio	Lower	Upper
146	100		
111	34.0	19.5	58.5
148	59.9	32.3	96.9



#88
1,4-Dichlorobenzene
Concen: 0.52 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. -0.072 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion:	146	Resp:	3242
Ion	Ratio	Lower	Upper
146	100		
111	34.0	19.0	57.0
148	59.9	31.8	95.3

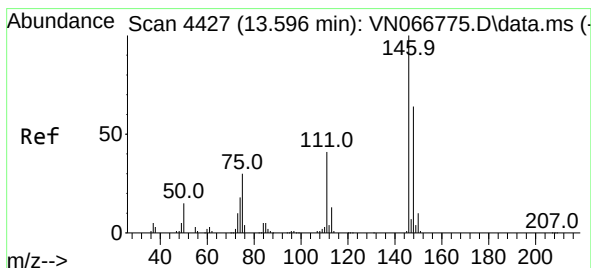
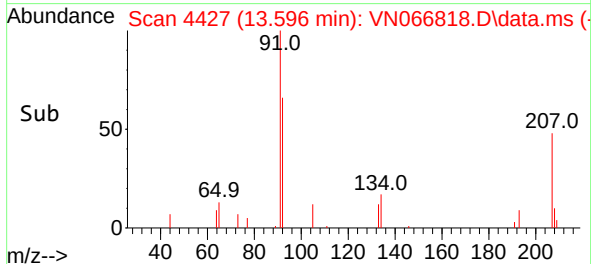
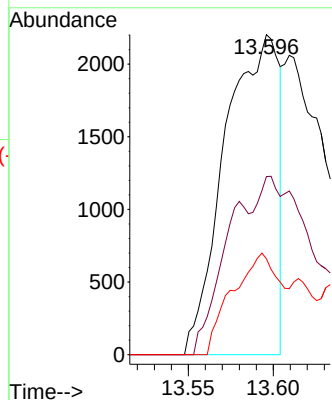
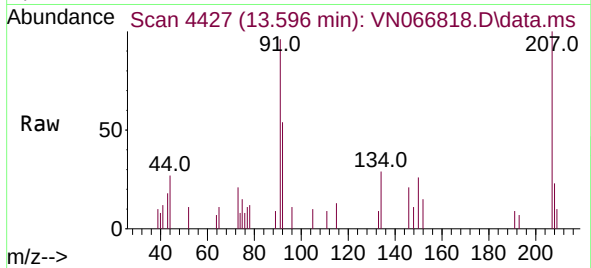




#89
n-Butylbenzene
Concen: 0.50 ug/l
RT: 13.596 min Scan# 4427
Delta R.T. 0.038 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

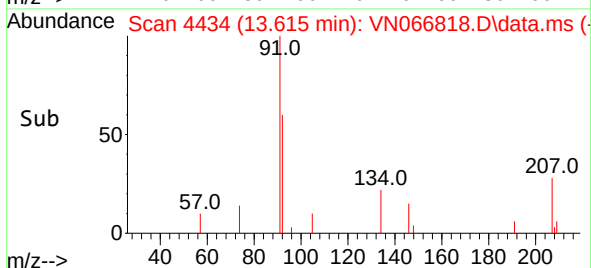
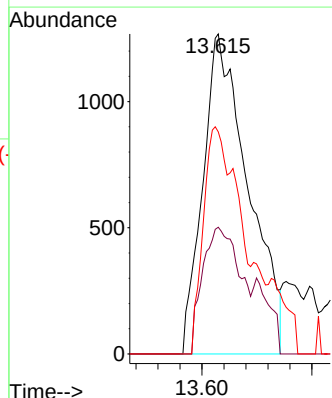
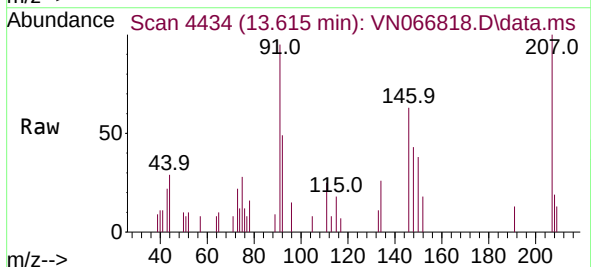
Instrument :
MSVOA_N
ClientSampleId :

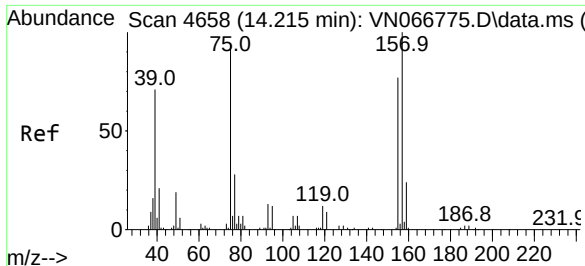
Tgt Ion: 91	Resp:	4835
Ion Ratio	Lower	Upper
91	100	
92	26.1	26.1 78.3
134	29.0	13.0 38.9



#91
1,2-Dichlorobenzene
Concen: 0.61 ug/l
RT: 13.615 min Scan# 4434
Delta R.T. 0.019 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 146	Resp:	3636
Ion Ratio	Lower	Upper
146	100	
111	32.6	20.1 60.3
148	54.3	32.0 96.0

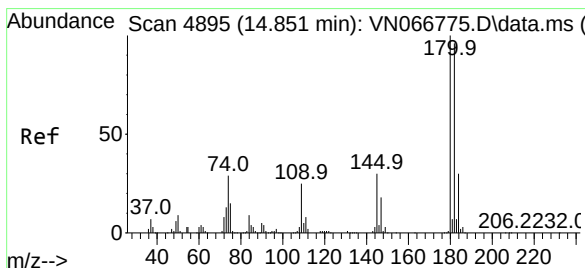
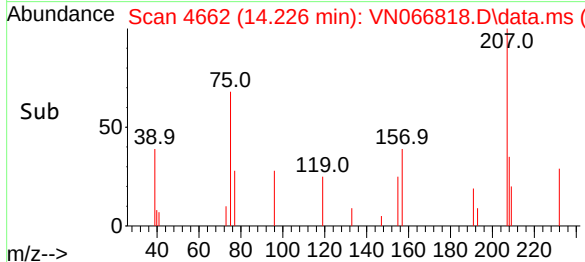
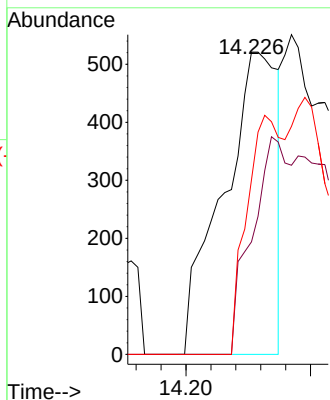
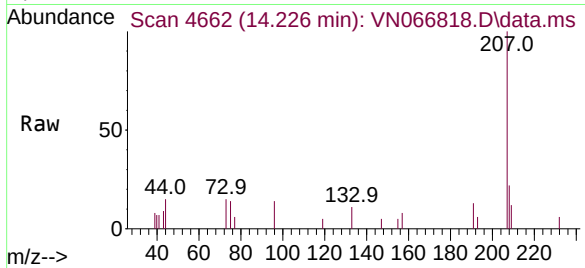




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.95 ug/l
RT: 14.226 min Scan# 4662
Delta R.T. 0.011 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

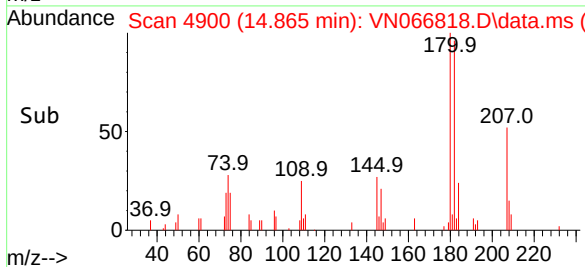
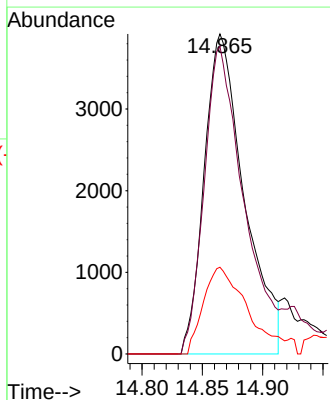
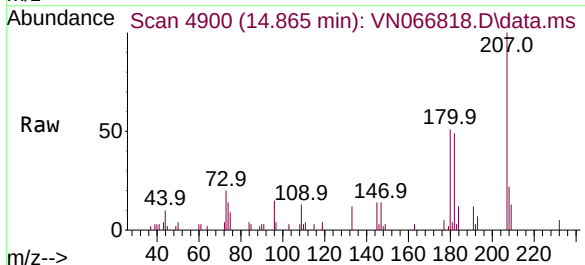
Instrument :
MSVOA_N
ClientSampleId :

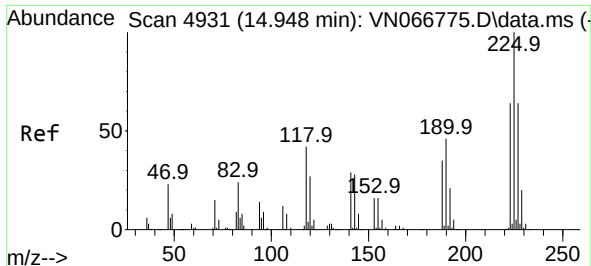
Tgt Ion: 75 Resp: 790
Ion Ratio Lower Upper
75 100
155 50.6 44.1 132.4
157 53.7 56.0 168.2#



#93
1,2,4-Trichlorobenzene
Concen: 2.74 ug/l
RT: 14.865 min Scan# 4900
Delta R.T. 0.014 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

Tgt Ion: 180 Resp: 9057
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 29.6 15.6 46.8

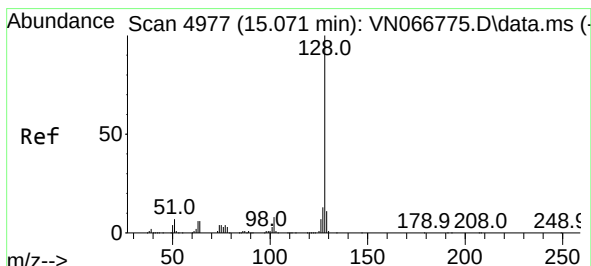
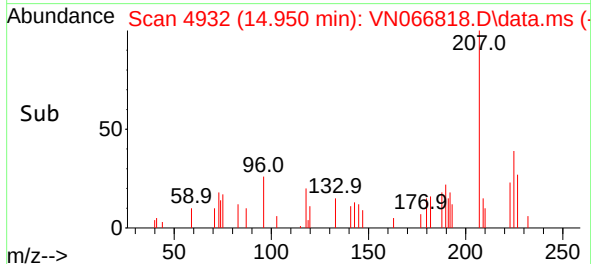
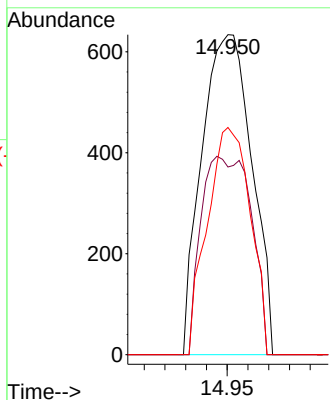
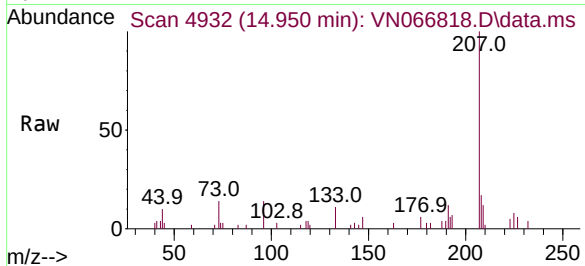




#94
Hexachlorobutadiene
Concen: 0.58 ug/l
RT: 14.950 min Scan# 4932
Delta R.T. 0.002 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

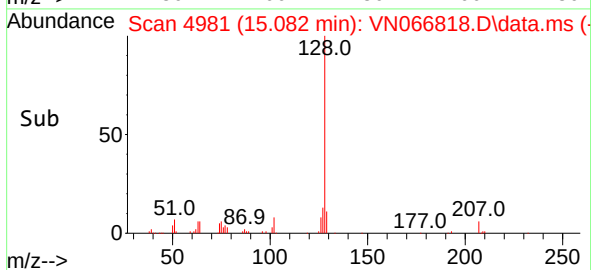
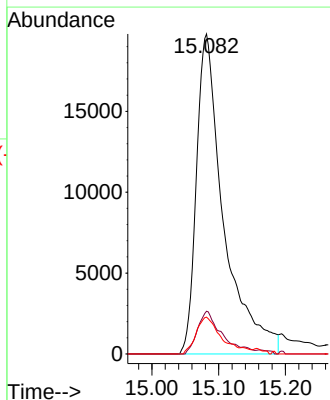
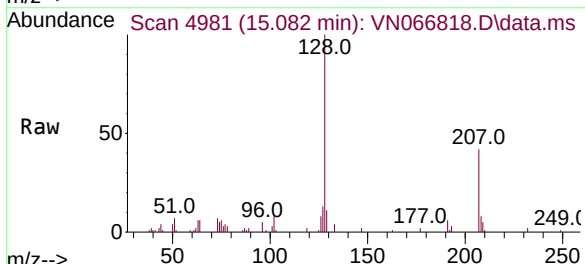
Instrument :
MSVOA_N
ClientSampled :

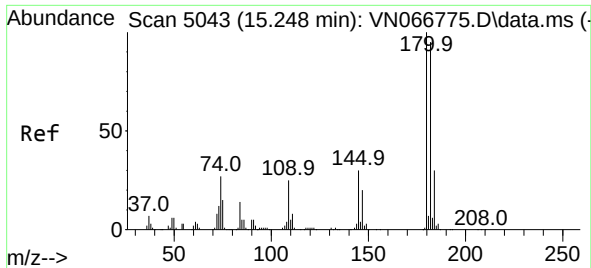
Tgt Ion:225 Resp: 1065
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.9
227 60.8 31.6 95.0



#95
Naphthalene
Concen: 6.61 ug/l
RT: 15.082 min Scan# 4981
Delta R.T. 0.011 min
Lab File: VN066818.D
Acq: 28 Apr 2021 17:27

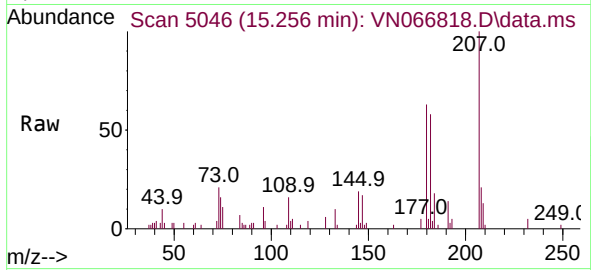
Tgt Ion:128 Resp: 56124
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.19 ug/l
 RT: 15.256 min Scan# 5046
 Delta R.T. 0.008 min
 Lab File: VN066818.D
 Acq: 28 Apr 2021 17:27

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion:	180	Resp:	13373
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.4	142.3
145	31.3	16.5	49.5

