

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066355.D
 Acq On : 26 Mar 2021 17:33
 Operator : JC/MD
 Sample : M1788-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D1-20210322

Quant Time: Mar 27 01:49:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	521182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	773784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	687288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	222956	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	358111	51.69	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.38%
35) Dibromofluoromethane	7.507	113	278968	54.38	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.76%
50) Toluene-d8	10.028	98	1121103	57.62	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	115.24%#
62) 4-Bromofluorobenzene	12.345	95	302911	44.82	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.64%

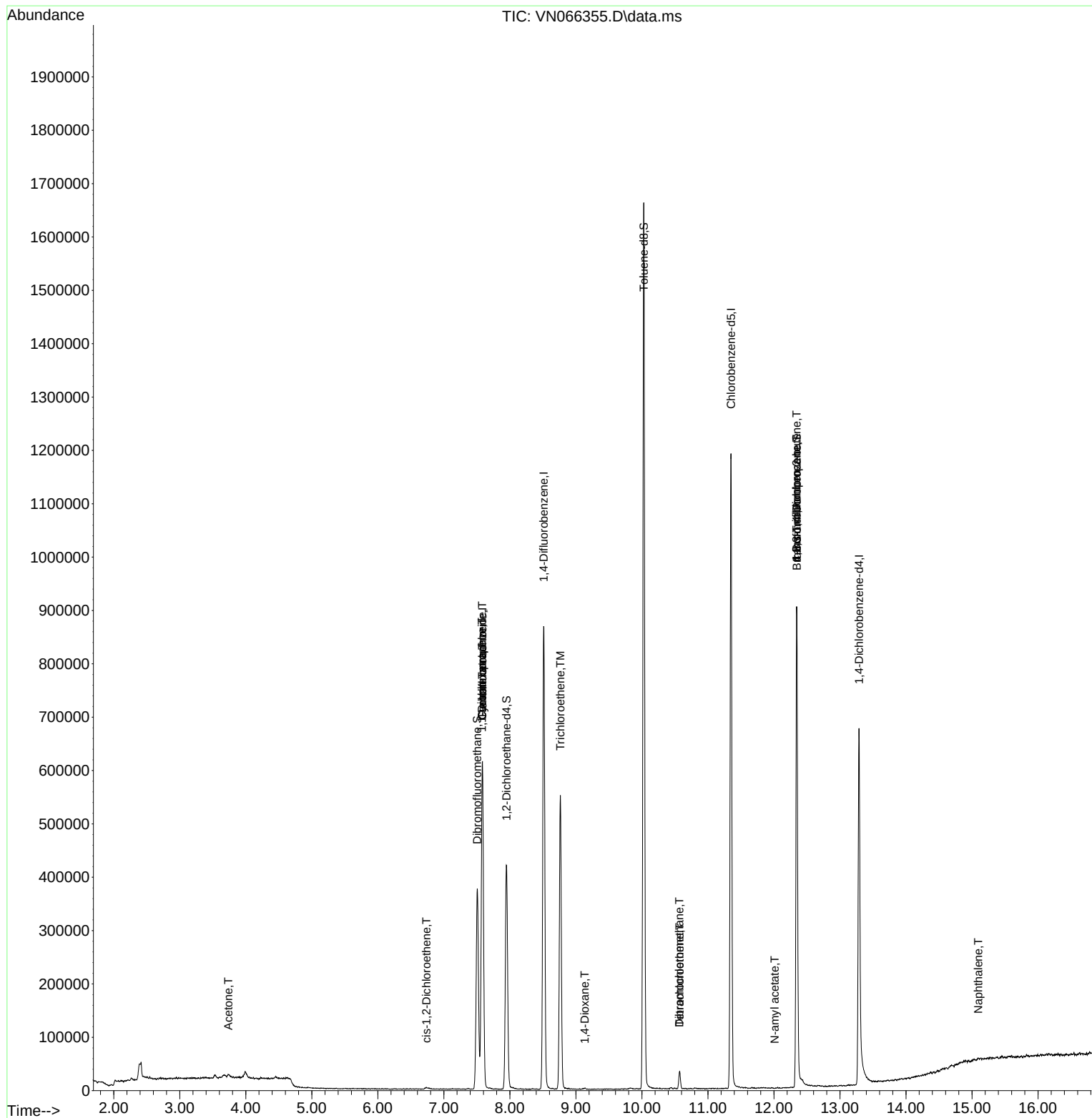
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.017	50	3943	Below Cal		94
13) Acrolein	3.524	56	2248	Below Cal	#	30
16) Acetone	3.736	43	8078	2.16	ug/l #	84
20) Methylene Chloride	4.441	84	1420	Below Cal	#	67
27) cis-1,2-Dichloroethene	6.734	96	1308	0.21	ug/l	40
31) Cyclohexane	7.582	56	10702	1.12	ug/l #	3
36) 1,1-Dichloropropene	7.579	75	37543	5.16	ug/l #	49
38) Carbon Tetrachloride	7.582	117	46868	6.41	ug/l #	16
44) Trichloroethene	8.764	130	199944	34.62	ug/l	99
49) 1,4-Dioxane	9.135	88	1062	12.99	ug/l #	71
60) Dibromochloromethane	10.569	129	7014	1.17	ug/l #	11
64) Tetrachloroethene	10.572	164	7128	1.22	ug/l	92
71) Bromoform	12.348	173	2555	0.58	ug/l #	1
74) N-amyl acetate	12.010	43	132	3.21	ug/l #	55
76) 1,2,3-Trichloropropane	12.345	75	159034	32.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	159034	97.76	ug/l #	12
95) Naphthalene	15.094	128	1137	1.13	ug/l #	69

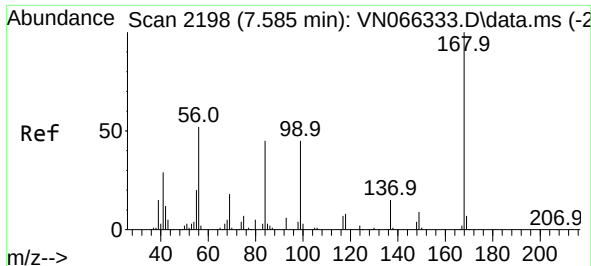
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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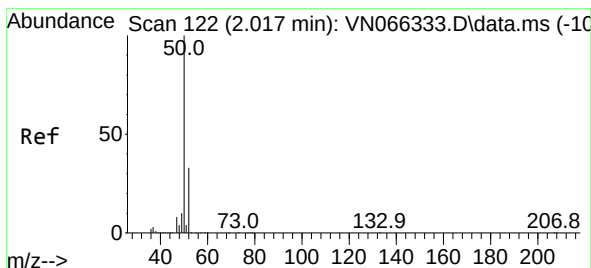
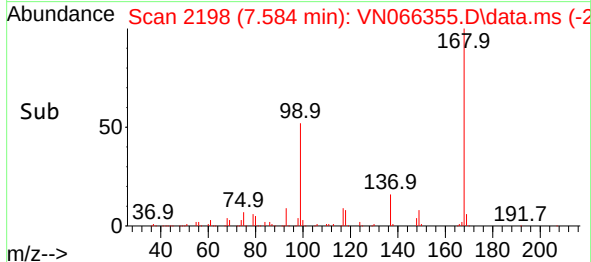
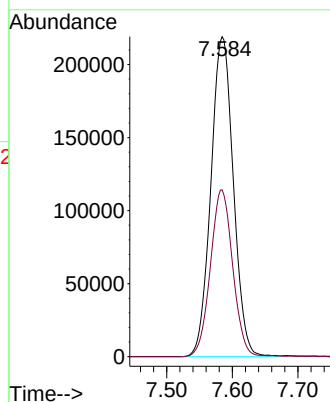
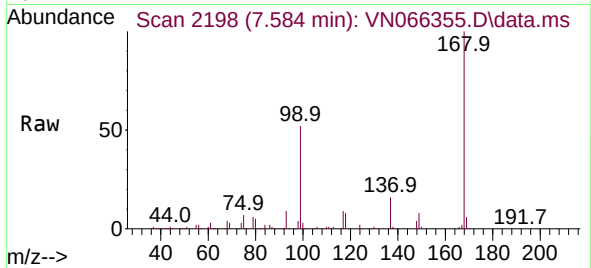




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

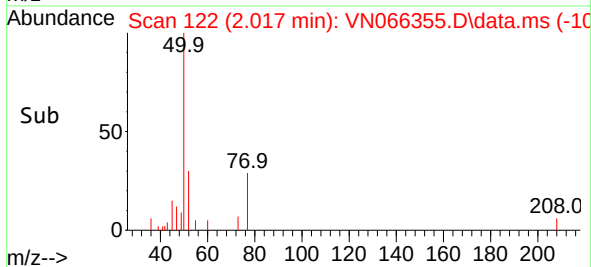
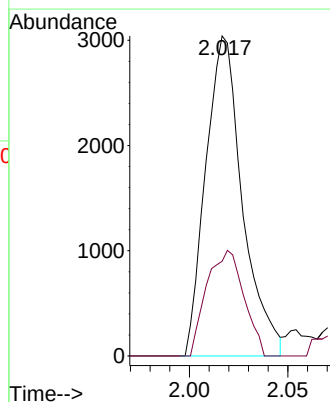
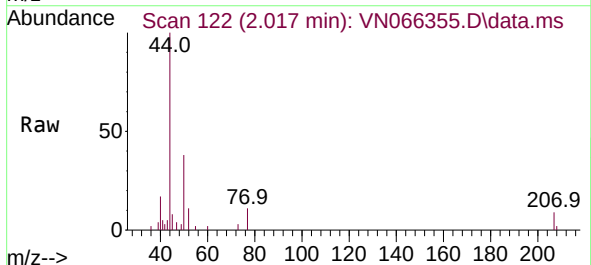
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20210322

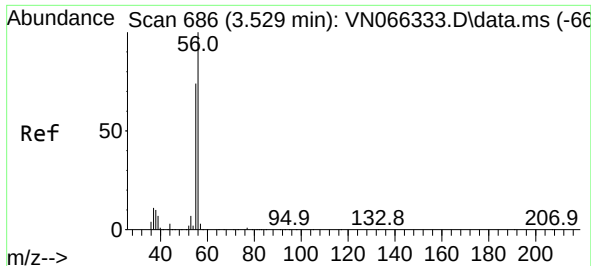
Tgt Ion:168 Resp: 521182
Ion Ratio Lower Upper
168 100
99 52.1 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion: 50 Resp: 3943
Ion Ratio Lower Upper
50 100
52 29.6 26.2 39.2

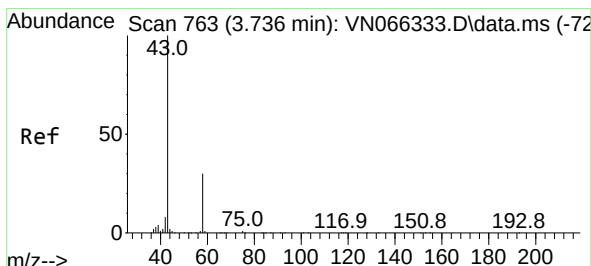
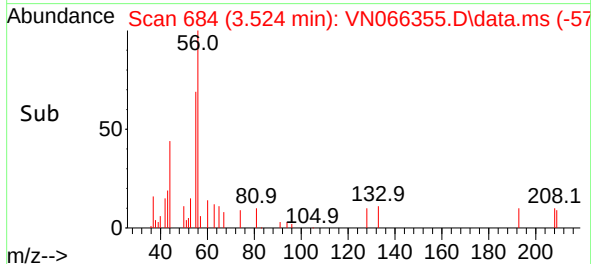
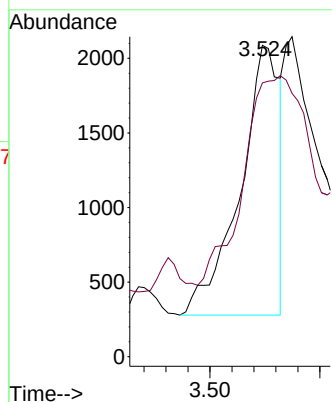
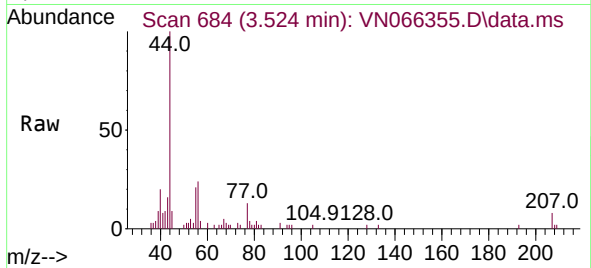




#13
Acrolein
Concen: Below Cal
RT: 3.524 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

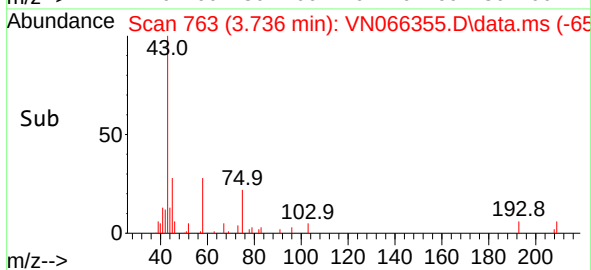
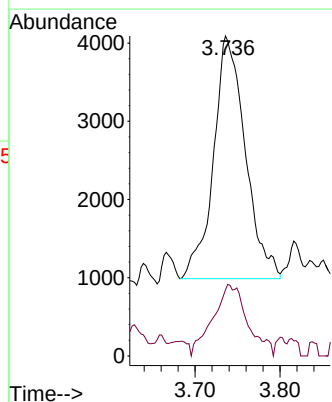
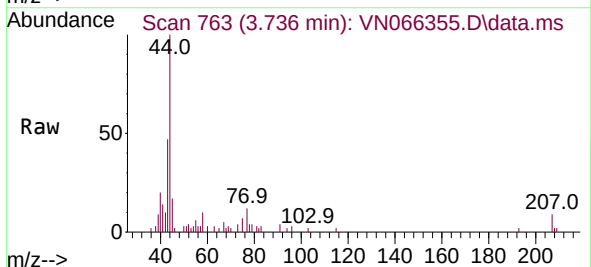
Instrument :
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ClientSampleId :
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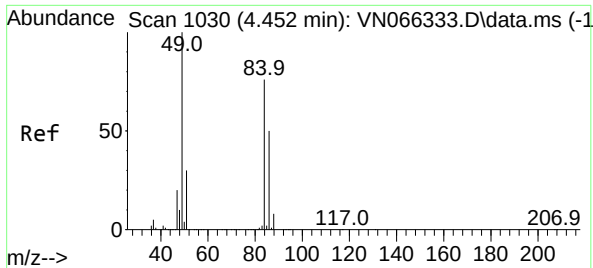
Tgt Ion: 56 Resp: 2248
Ion Ratio Lower Upper
56 100
55 131.0 57.9 86.9#



#16
Acetone
Concen: 2.16 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

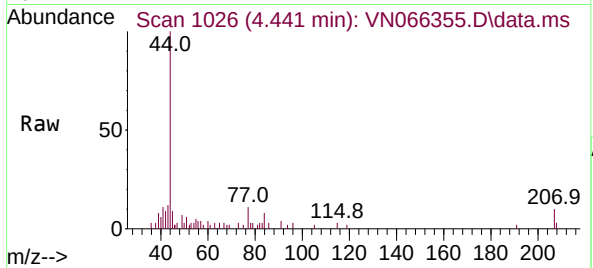
Tgt Ion: 43 Resp: 8078
Ion Ratio Lower Upper
43 100
58 21.2 23.8 35.8#



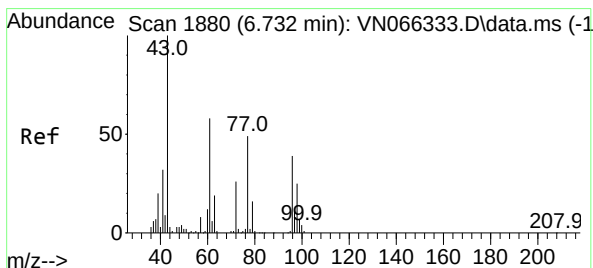
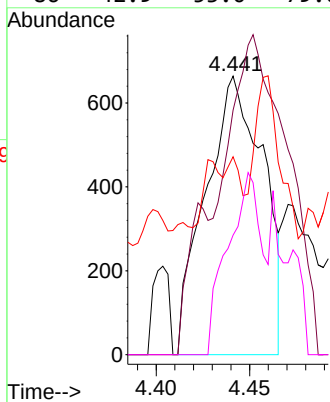
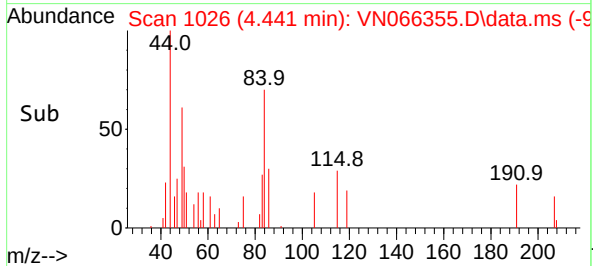


#20
Methylene Chloride
Concen: Below Cal
RT: 4.441 min Scan# 1026
Delta R.T. -0.011 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

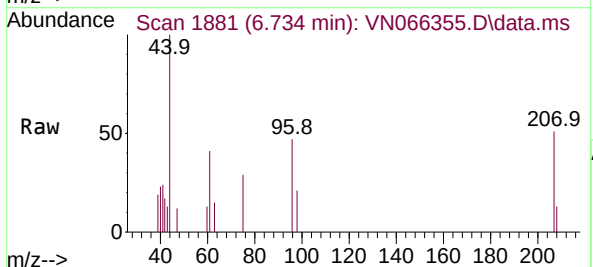
Instrument :
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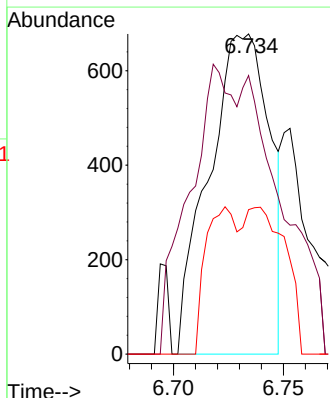
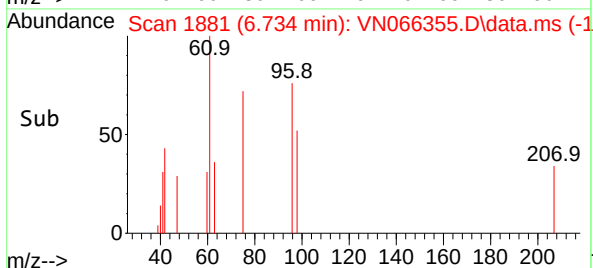
Tgt Ion:	84	Resp:	1420
Ion	Ratio	Lower	Upper
84	100		
49	87.8	105.0	157.6#
51	24.4	31.6	47.4#
86	42.9	53.0	79.6#

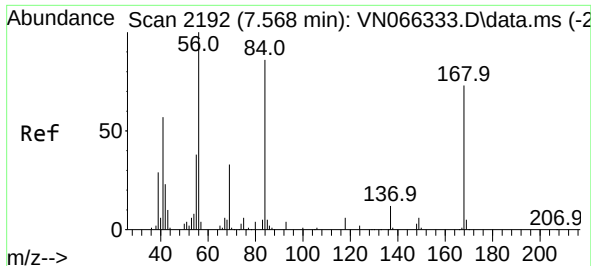


#27
cis-1,2-Dichloroethene
Concen: 0.21 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.003 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33



Tgt Ion:	96	Resp:	1308
Ion	Ratio	Lower	Upper
96	100		
61	67.7	0.0	296.2
98	23.2	0.0	129.2

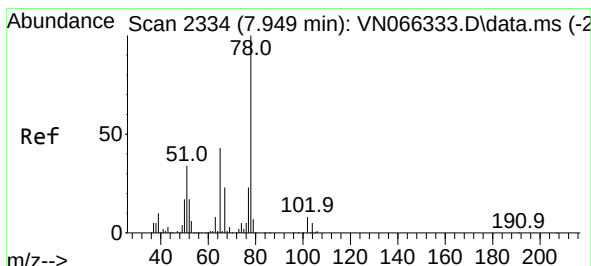
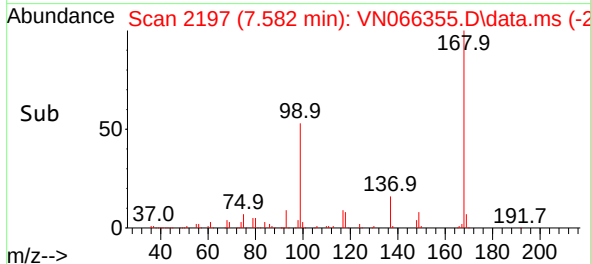
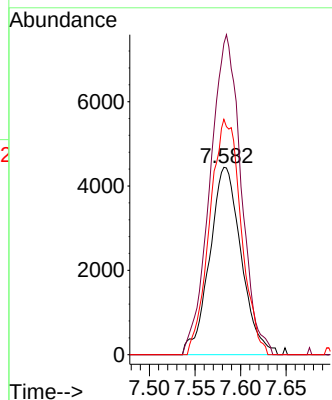
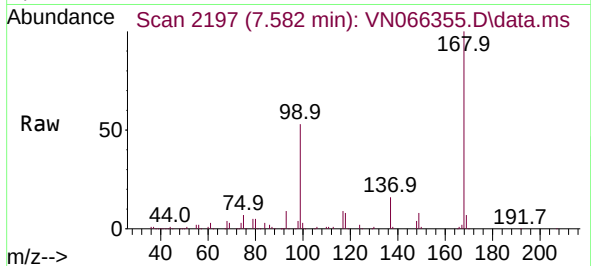




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

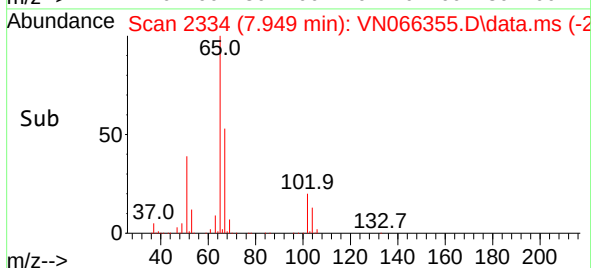
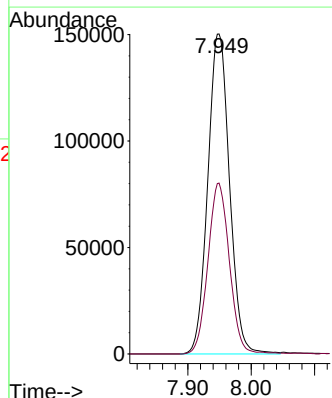
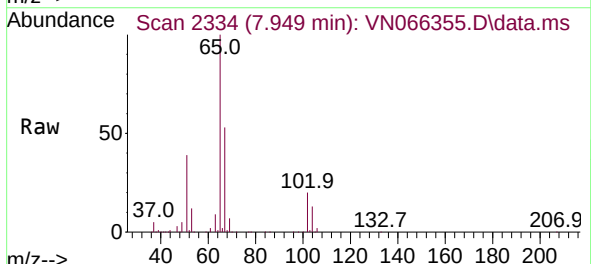
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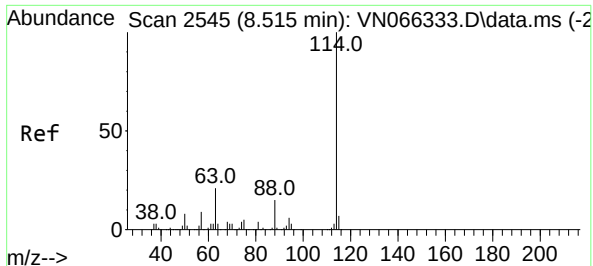
Tgt Ion: 56 Resp: 10702
Ion Ratio Lower Upper
56 100
69 166.0 26.6 40.0#
84 125.6 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 51.69 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion: 65 Resp: 358111
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

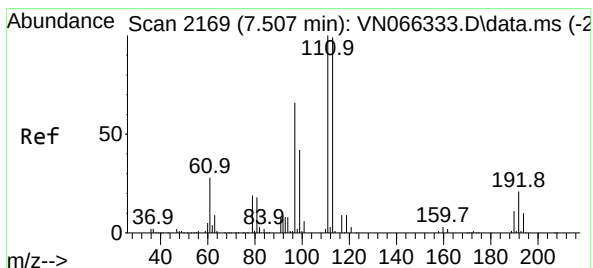
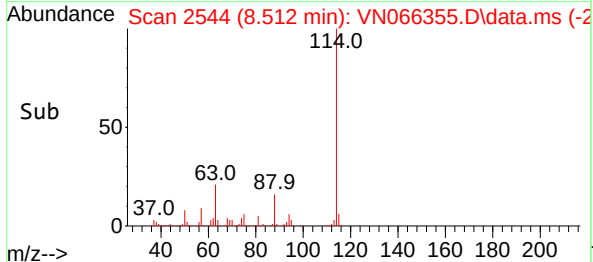
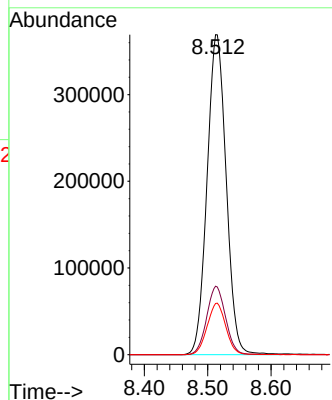
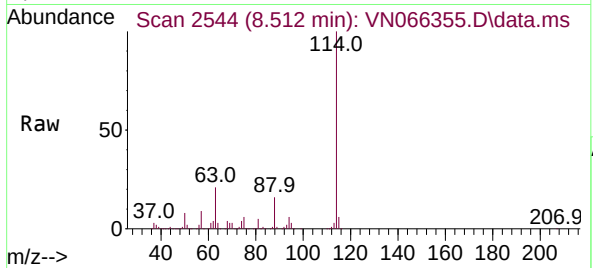




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

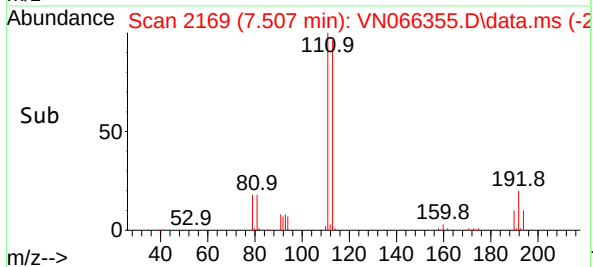
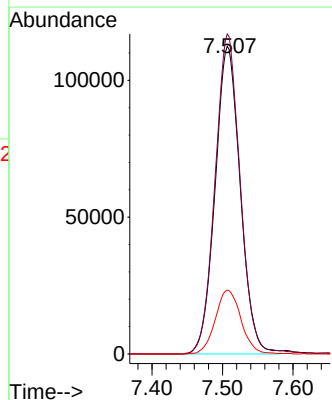
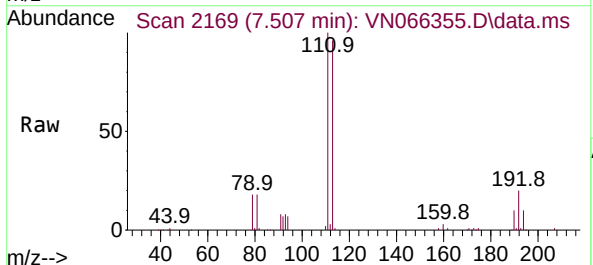
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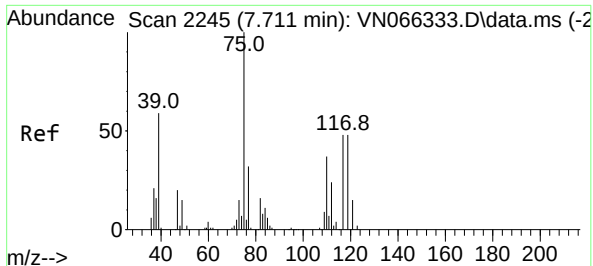
Tgt Ion:114 Resp: 773784
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.0
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 54.38 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion:113 Resp: 278968
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 21.2 17.1 25.7



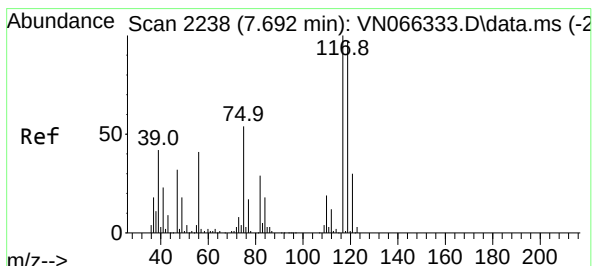
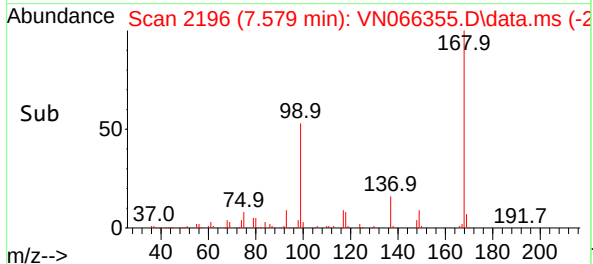
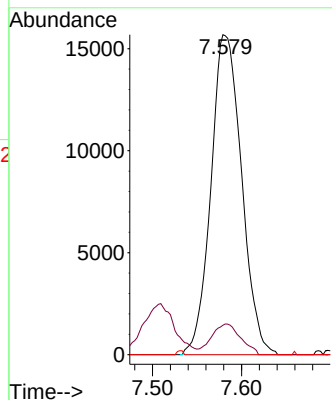
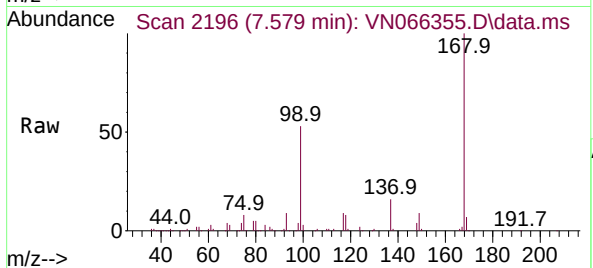


#36

1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.132 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Instrument :
MSVOA_N
ClientSampleId :
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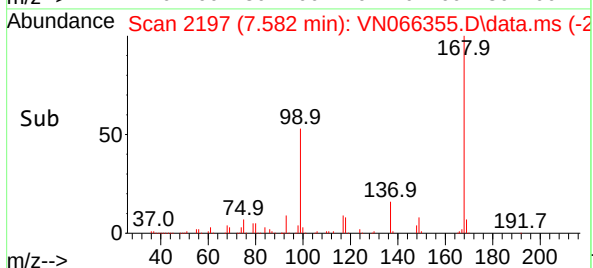
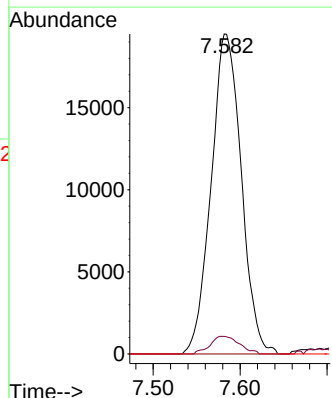
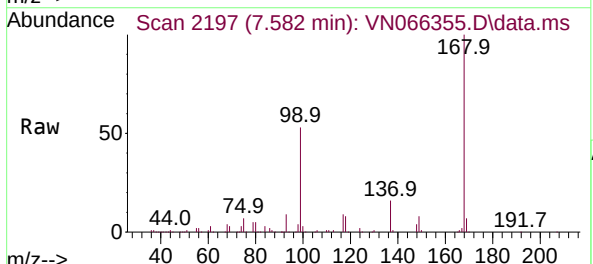
Tgt Ion: 75 Resp: 37543
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.3#
77 0.0 25.0 37.4#

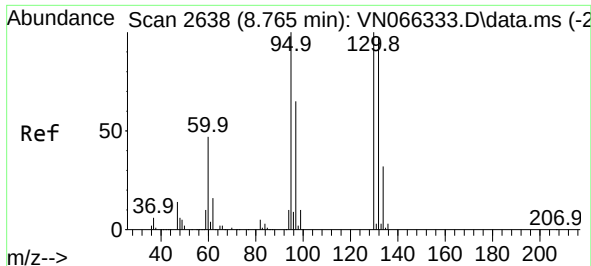


#38

Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion: 117 Resp: 46868
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 24.2 36.4#

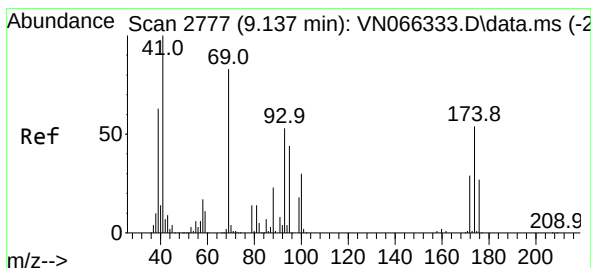
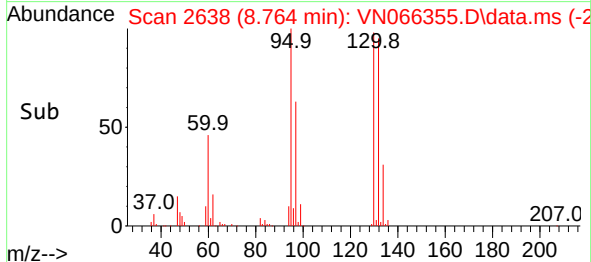
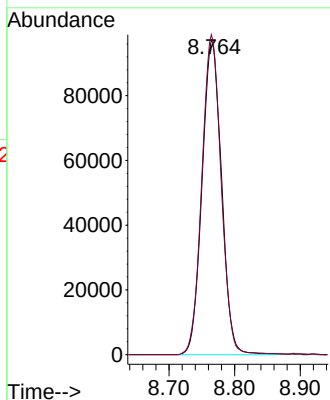
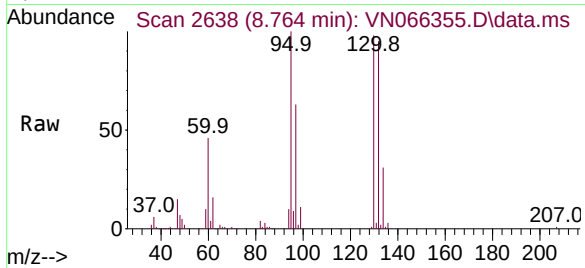




#44
Trichloroethene
Concen: 34.62 ug/l
RT: 8.764 min Scan# 2638
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

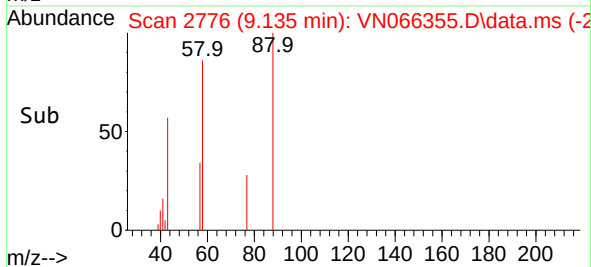
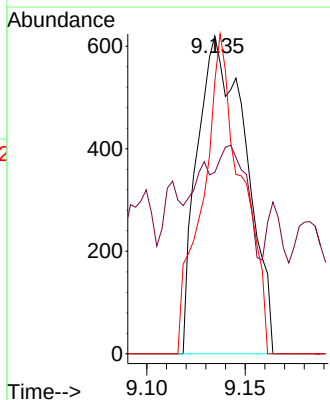
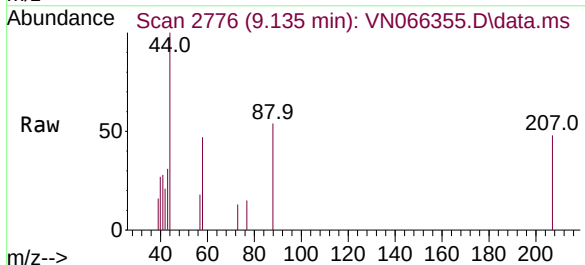
Instrument :
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ClientSampleId :
RE108D1-20210322

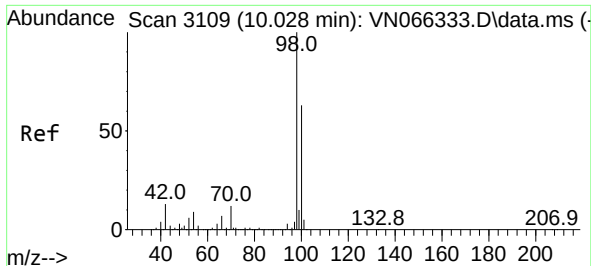
Tgt Ion:130 Resp: 199944
Ion Ratio Lower Upper
130 100
95 101.7 0.0 200.6



#49
1,4-Dioxane
Concen: 12.99 ug/l
RT: 9.135 min Scan# 2776
Delta R.T. -0.003 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion: 88 Resp: 1062
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 81.1 56.6 84.8

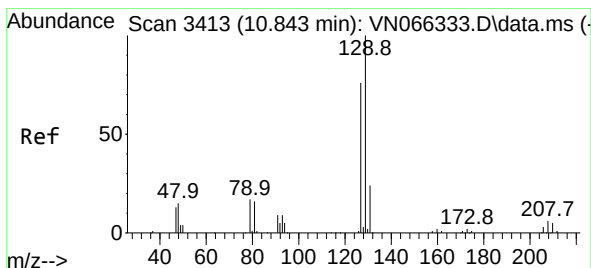
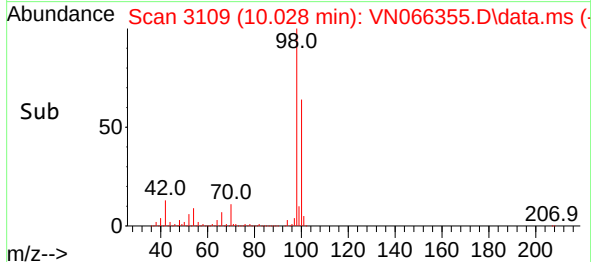
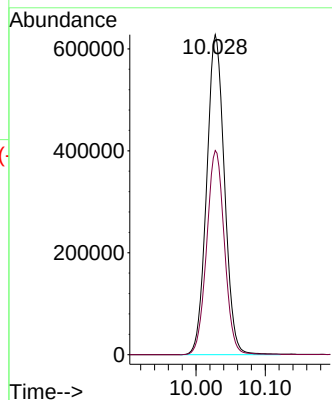
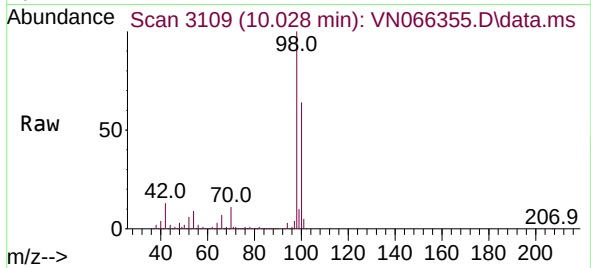




#50
Toluene-d8
Concen: 57.62 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

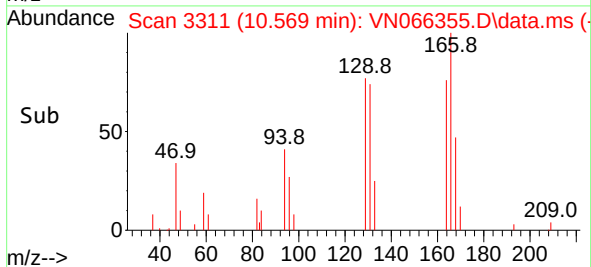
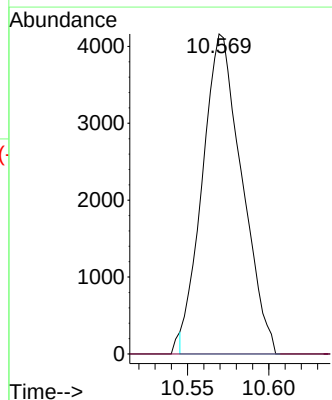
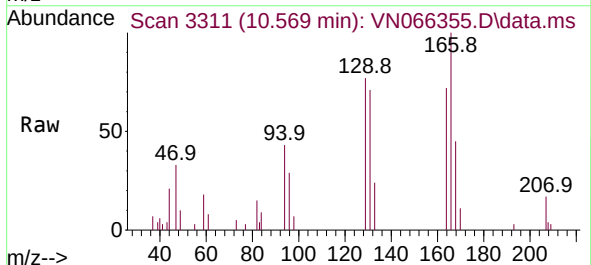
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20210322

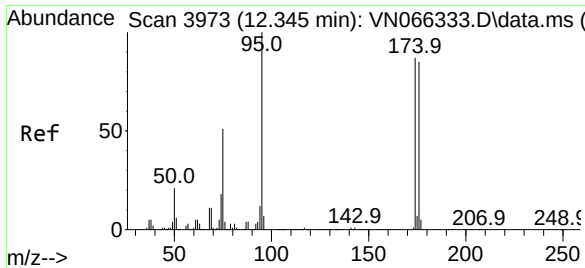
Tgt Ion: 98 Resp: 1121103
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#60
Dibromochloromethane
Concen: 1.17 ug/l
RT: 10.569 min Scan# 3311
Delta R.T. -0.274 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion:129 Resp: 7014
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

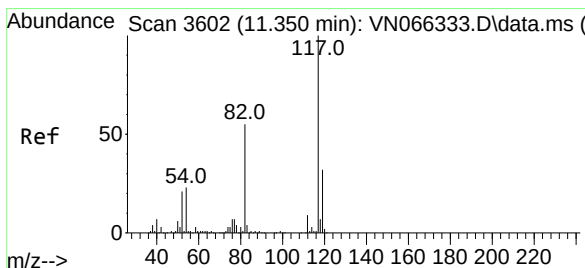
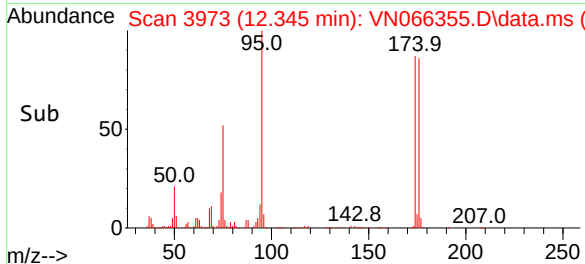
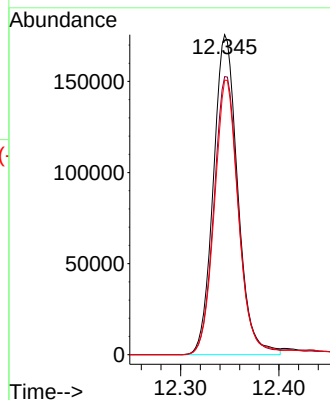
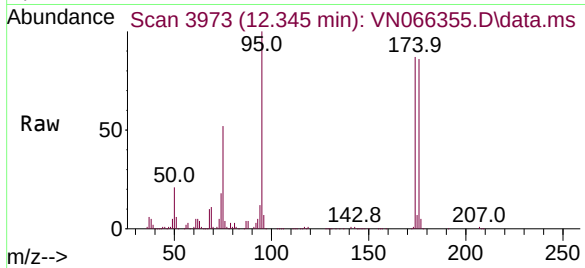




#62
4-Bromofluorobenzene
Concen: 44.82 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

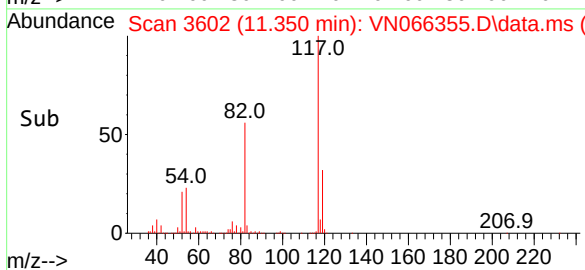
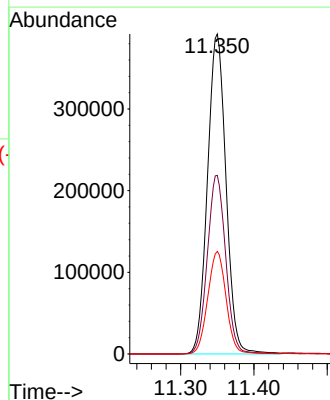
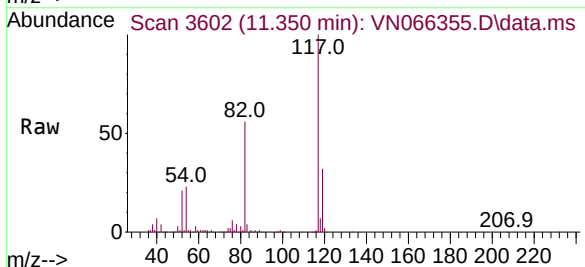
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20210322

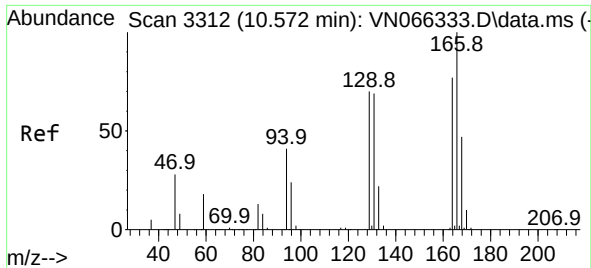
Tgt Ion:	95	Resp:	302911
Ion Ratio	Lower	Upper	
95	100		
174	87.9	0.0	172.2
176	84.9	0.0	167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

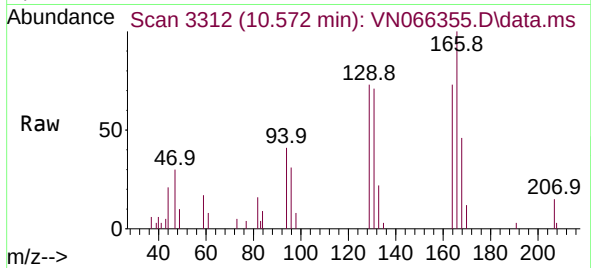
Tgt Ion:	117	Resp:	687288
Ion Ratio	Lower	Upper	
117	100		
82	55.8	44.2	66.4
119	32.1	25.8	38.6



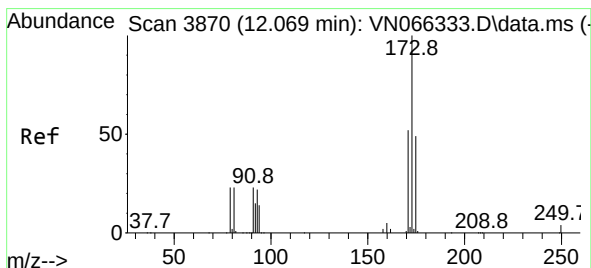
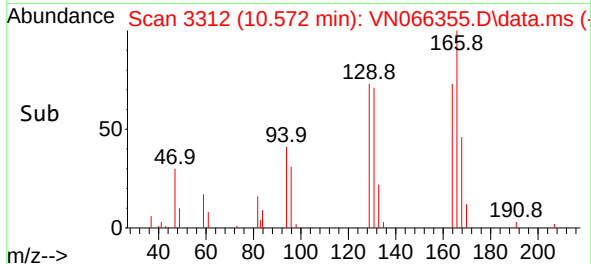
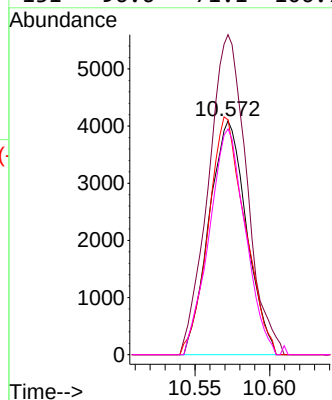


#64
Tetrachloroethene
Concen: 1.22 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. -0.000 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20210322

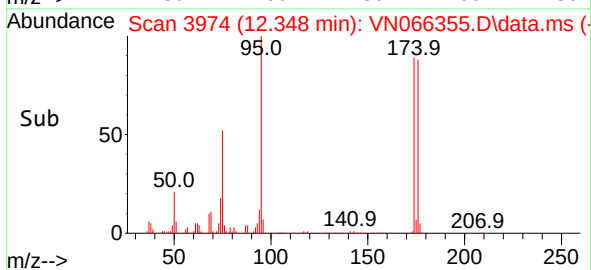
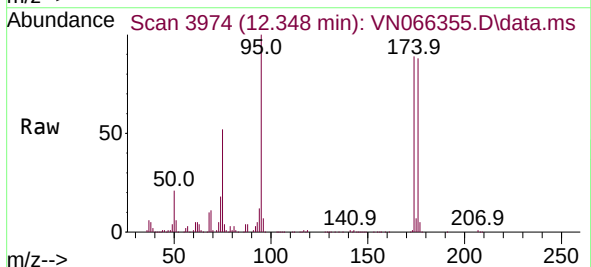
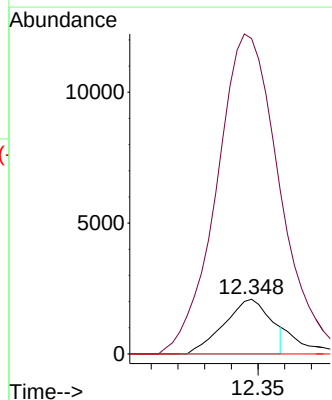


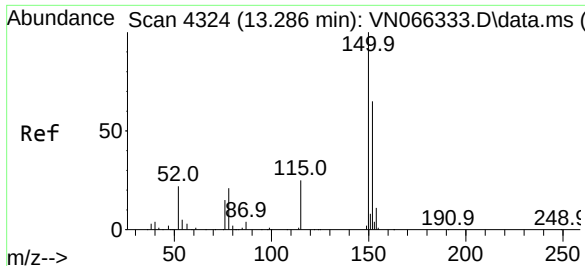
Tgt Ion:	164	Resp:	7128
Ion Ratio	Lower	Upper	
164	100		
166	136.9	103.3	154.9
129	100.4	72.5	108.7
131	96.6	71.1	106.7



#71
Bromoform
Concen: 0.58 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.279 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion:	173	Resp:	2555
Ion Ratio	Lower	Upper	
173	100		
175	685.3	24.3	72.8#
254	0.0	0.0	0.0

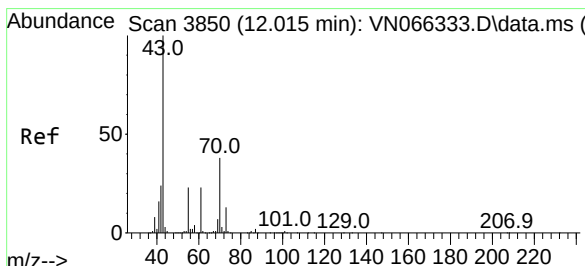
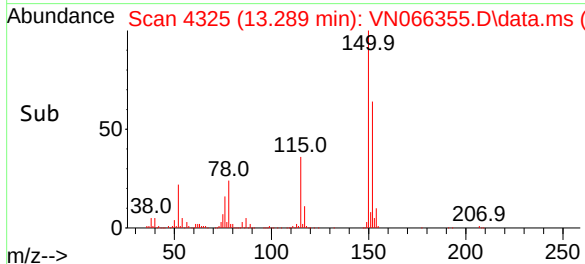
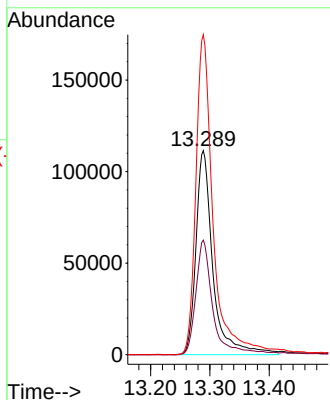
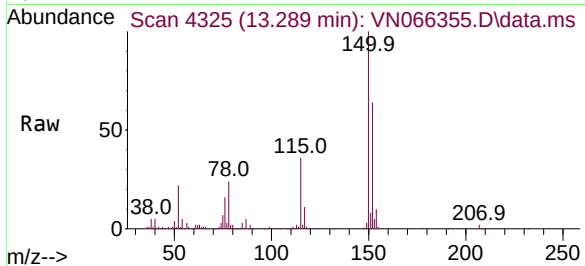




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

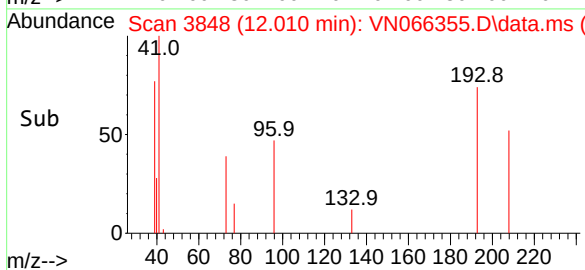
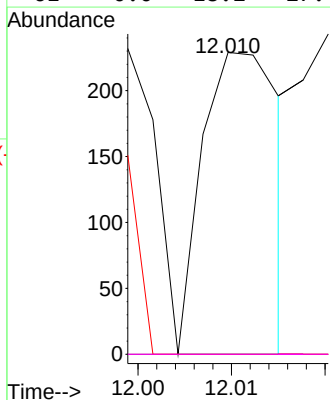
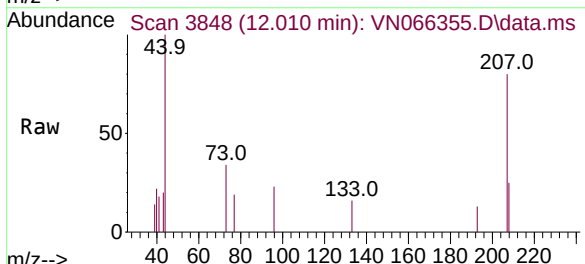
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20210322

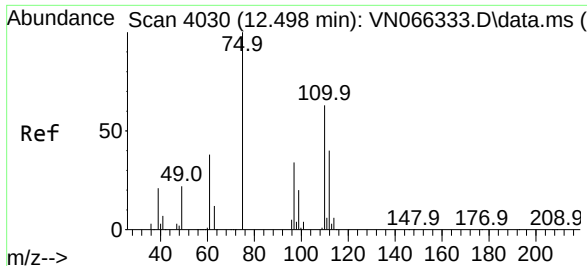
Tgt Ion:152 Resp: 222956
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 160.2 0.0 348.4



#74
N-ethyl acetate
Concen: 3.21 ug/l
RT: 12.010 min Scan# 3848
Delta R.T. -0.005 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 18.2 18.6 28.0#
61 0.0 18.2 27.4#

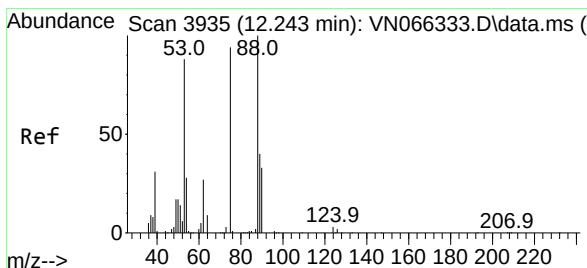
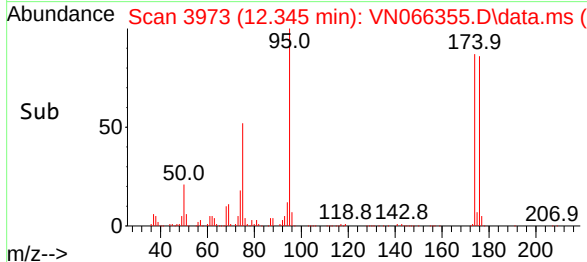
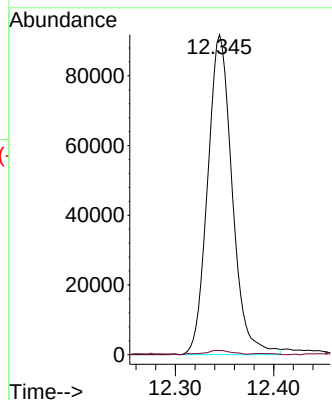
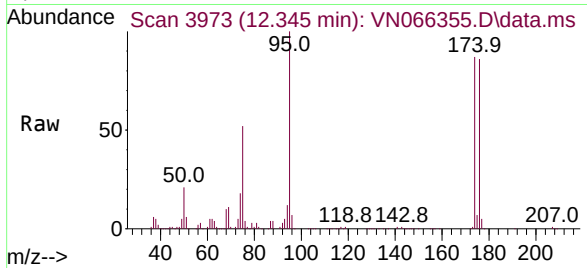




#76
1,2,3-Trichloropropane
Concen: 32.51 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

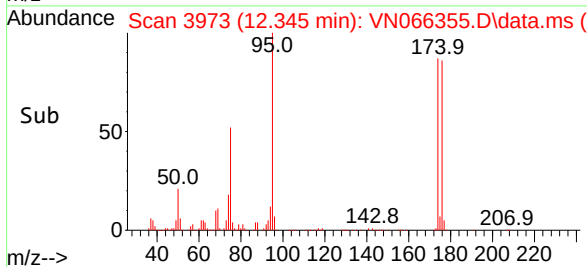
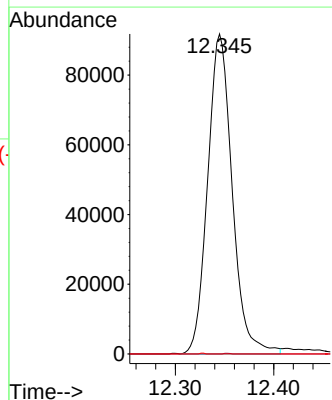
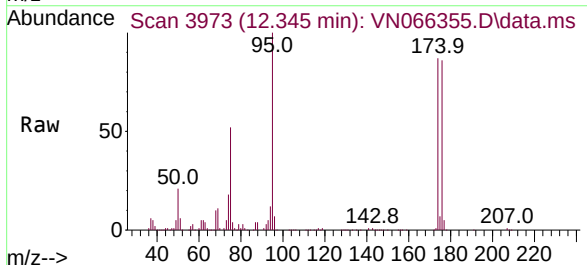
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20210322

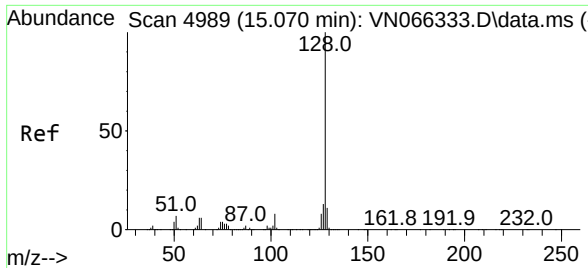
Tgt Ion: 75 Resp: 159034
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.76 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

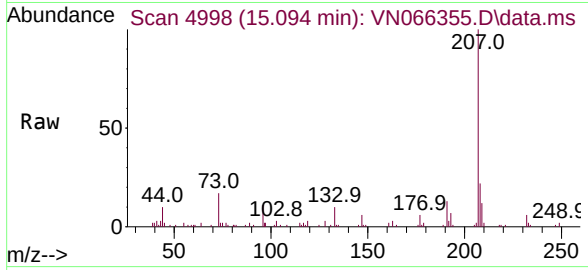
Tgt Ion: 75 Resp: 159034
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 1.13 ug/l
RT: 15.094 min Scan# 4998
Delta R.T. 0.024 min
Lab File: VN066355.D
Acq: 26 Mar 2021 17:33

Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20210322



Tgt Ion:	128	Resp:	1137
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.5	15.7#
129	0.0	8.5	12.7#

