

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068066.D
 Acq On : 13 Jan 2021 12:56
 Operator : VA/SY
 Sample : M1078-01RE
 Misc : 4.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-011121RE

Quant Time: Jan 13 15:25:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

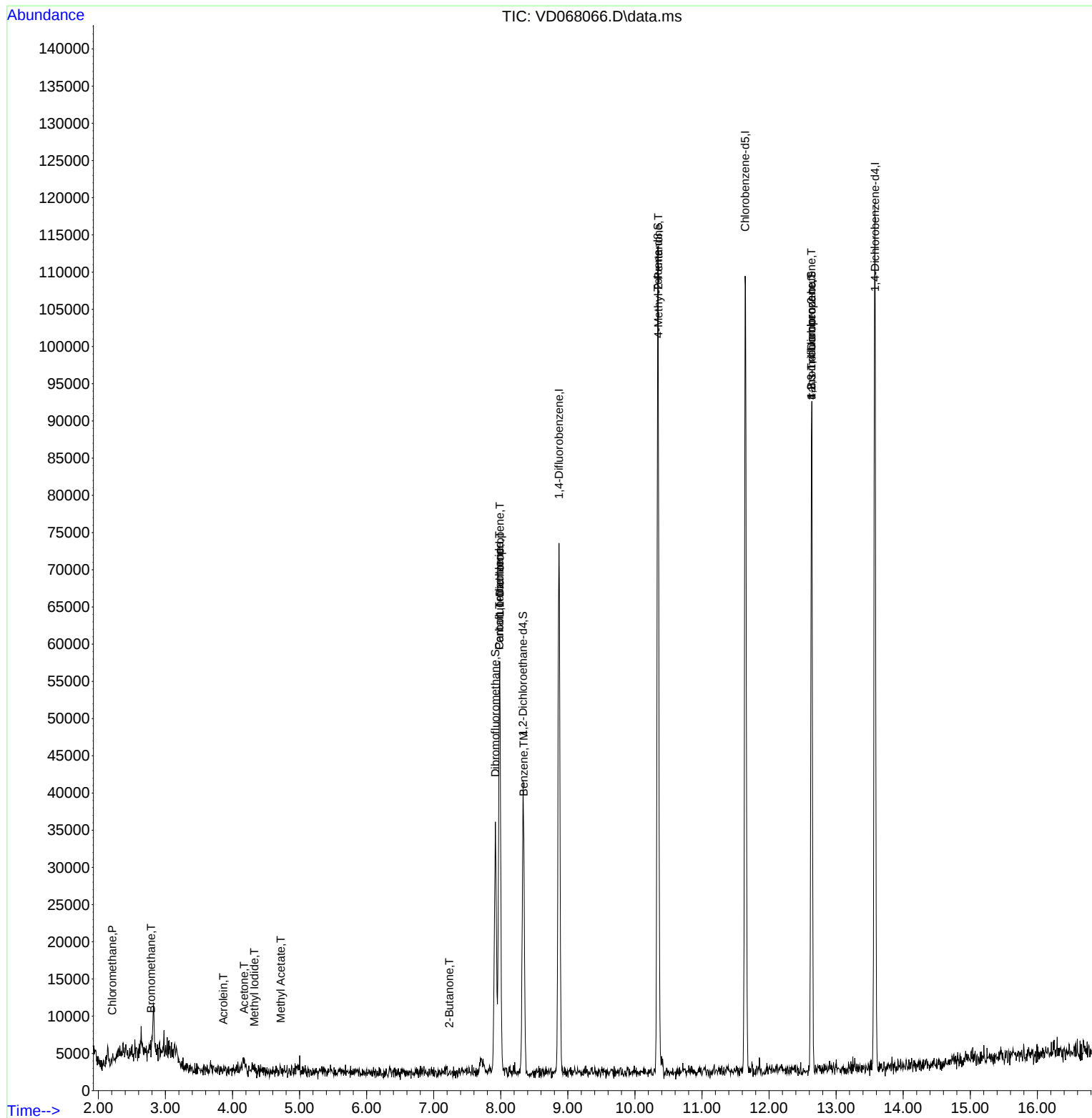
Internal Standards						
1) Pentafluorobenzene	7.979	168	41420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	64457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	68058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	34091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	31214	88.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 177.26%#			
35) Dibromofluoromethane	7.920	113	22112	60.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.38%			
50) Toluene-d8	10.343	98	76435	56.45	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.90%			
62) 4-Bromofluorobenzene	12.632	95	29915	63.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 126.12%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	479	1.41	ug/l	99
5) Bromomethane	2.785	94	656	2.27	ug/l #	77
10) Methyl Iodide	4.326	142	446	1.09	ug/l #	38
13) Acrolein	3.861	56	63	2.29	ug/l #	14
16) Acetone	4.173	43	3137	56.20	ug/l	99
18) Methyl Acetate	4.720	43	189	1.29	ug/l #	43
20) Methylene Chloride	4.973	84	411	Below Cal	#	55
25) 2-Butanone	7.232	43	76	1.06	ug/l #	43
36) 1,1-Dichloropropene	7.985	75	3082	5.44	ug/l #	41
38) Carbon Tetrachloride	7.979	117	3525	5.22	ug/l #	12
40) Benzene	8.344	78	1960	1.23	ug/l #	54
51) 4-Methyl-2-Pentanone	10.349	43	276	1.69	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	14396	53.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	14396	119.58	ug/l #	13

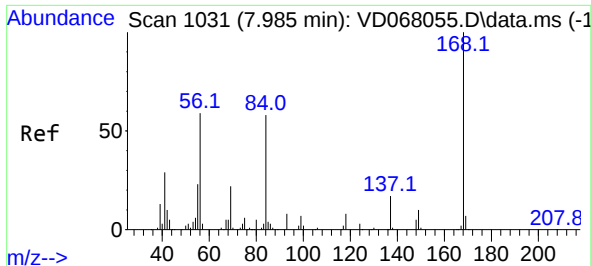
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NB-07-011121RE

Quant Time: Jan 13 15:25:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

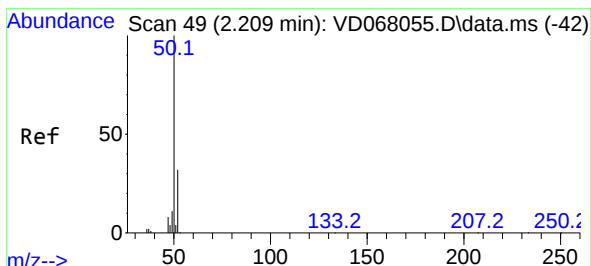
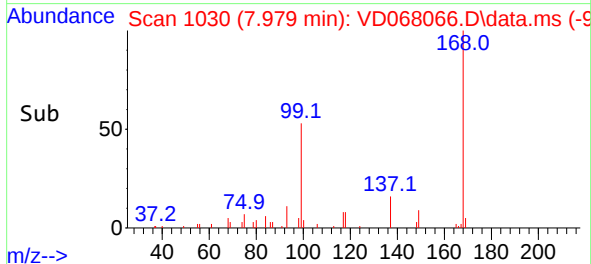
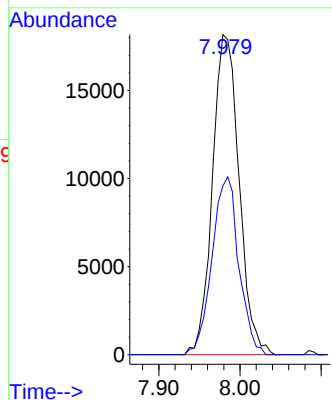
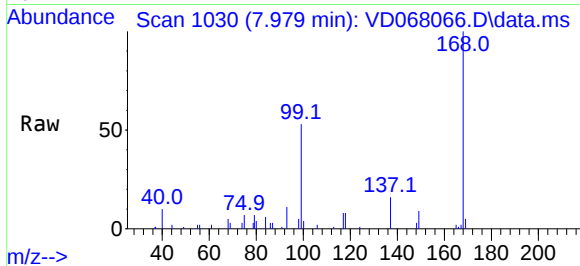




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

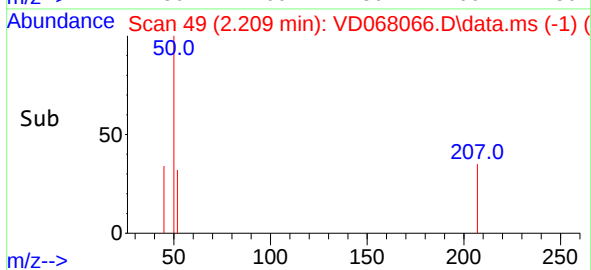
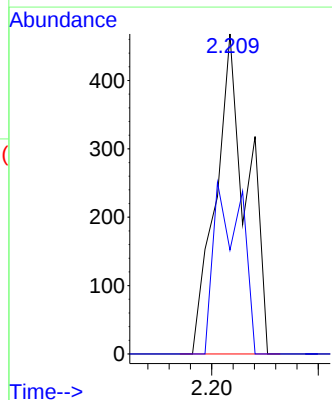
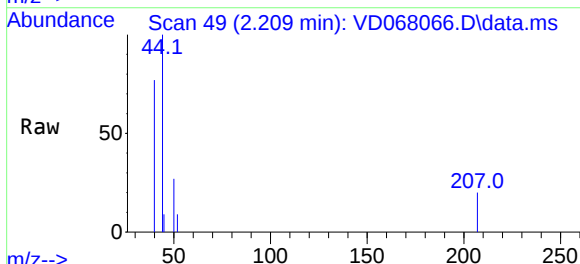
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

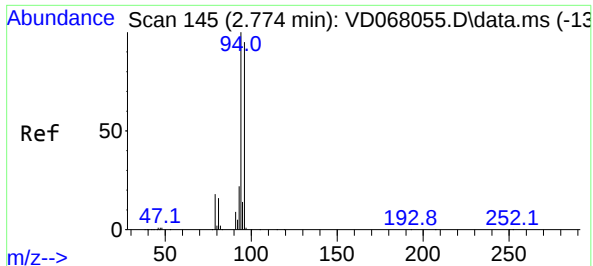
Tgt Ion:168 Resp: 41420
Ion Ratio Lower Upper
168 100
99 52.8 43.5 65.3



#3
Chloromethane
Concen: 1.41 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

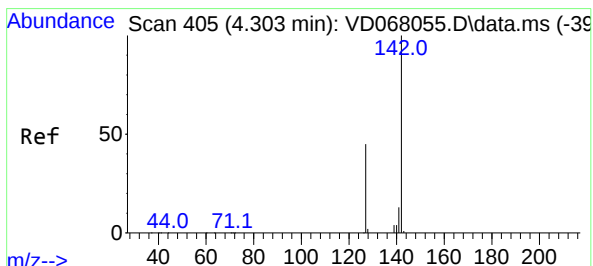
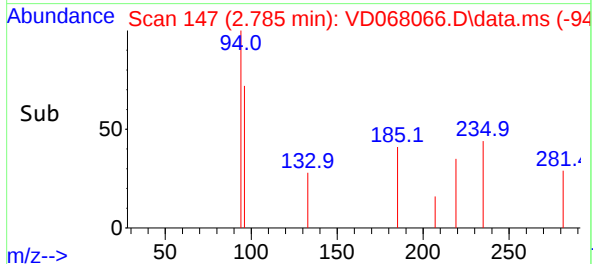
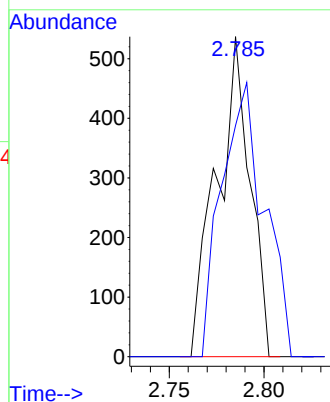
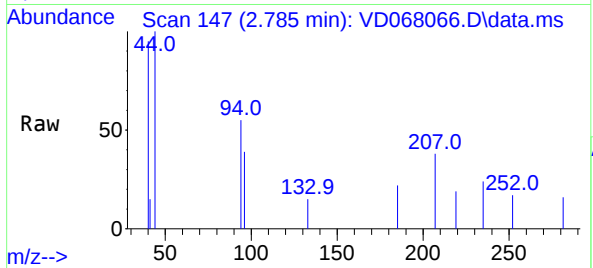




#5
Bromomethane
Concen: 2.27 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.011 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

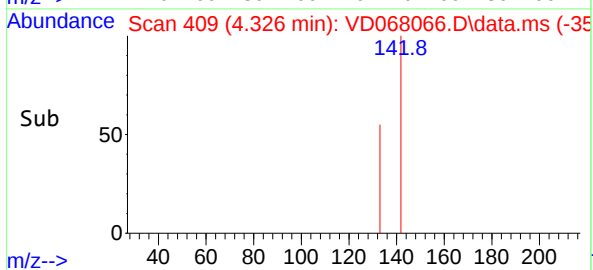
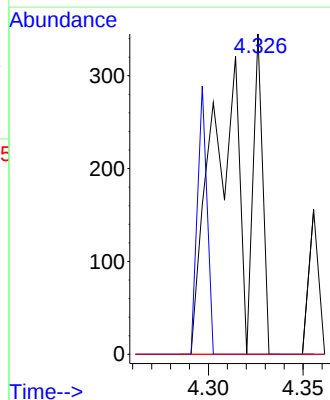
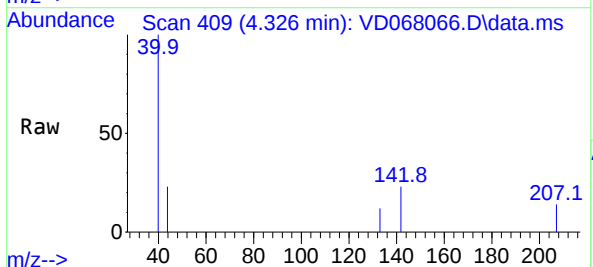
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

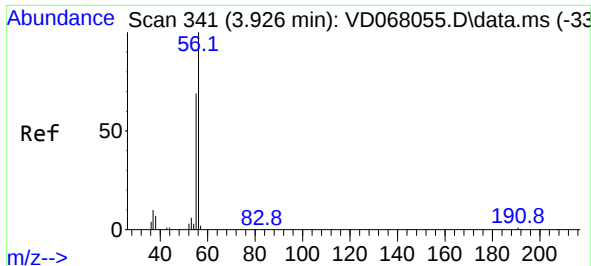
Tgt Ion: 94 Resp: 656
Ion Ratio Lower Upper
94 100
96 72.3 75.8 113.8#



#10
Methyl Iodide
Concen: 1.09 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.023 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 142 Resp: 446
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

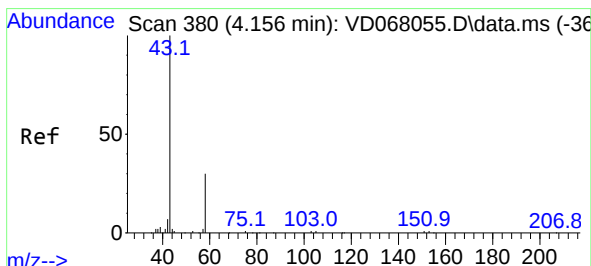
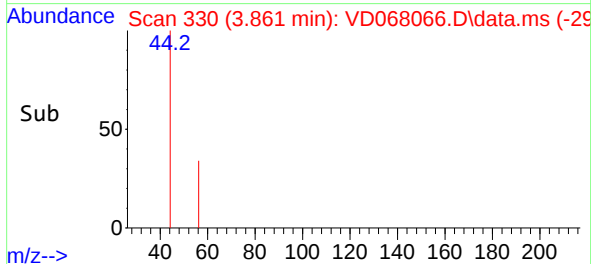
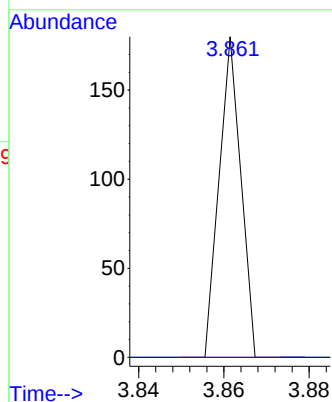
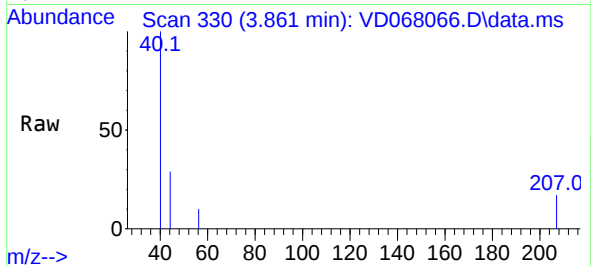




#13
Acrolein
Concen: 2.29 ug/l
RT: 3.861 min Scan# 330
Delta R.T. -0.065 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

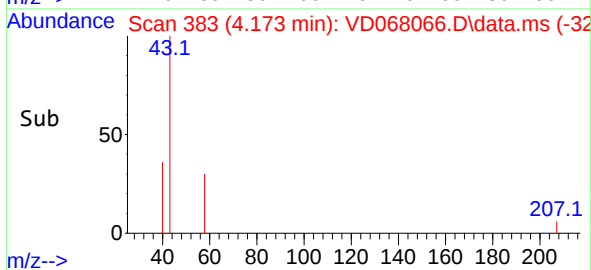
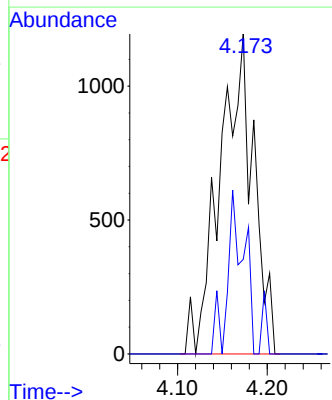
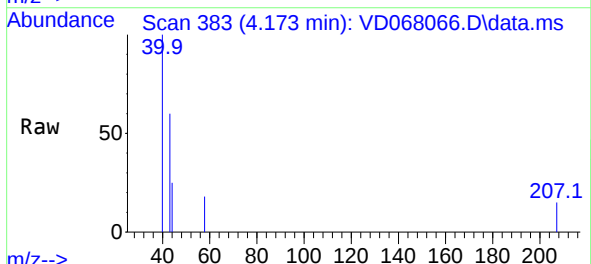
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

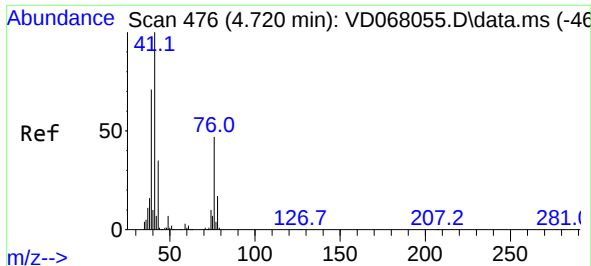
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 56.20 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4

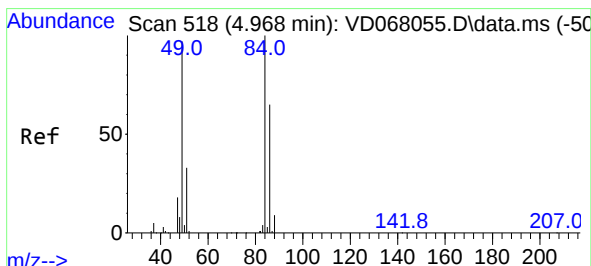
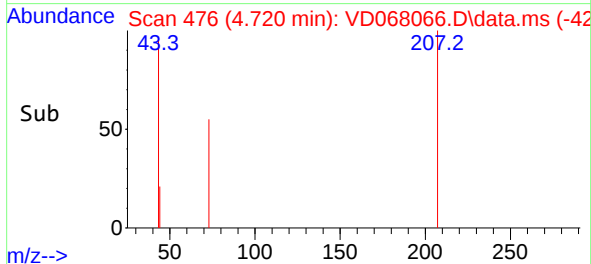
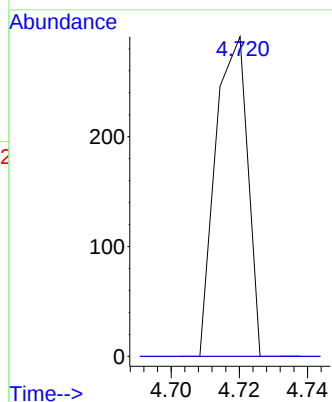
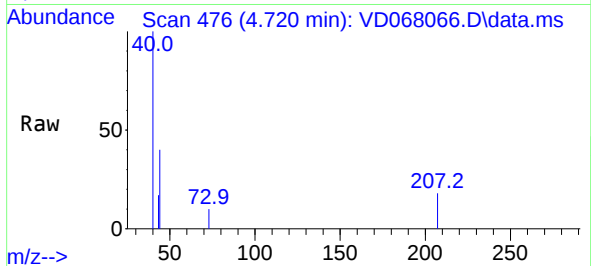




#18
Methyl Acetate
Concen: 1.29 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

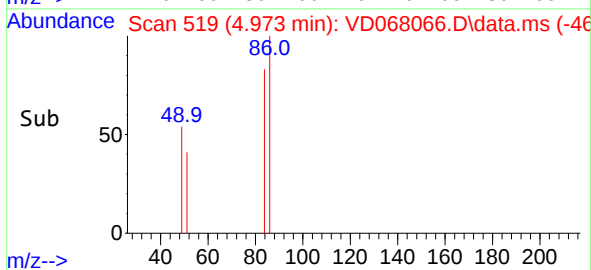
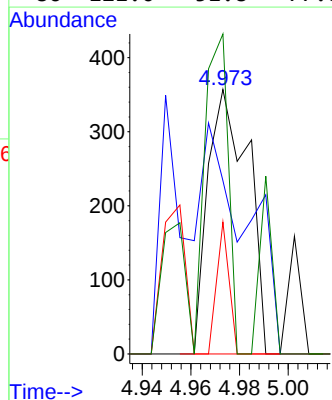
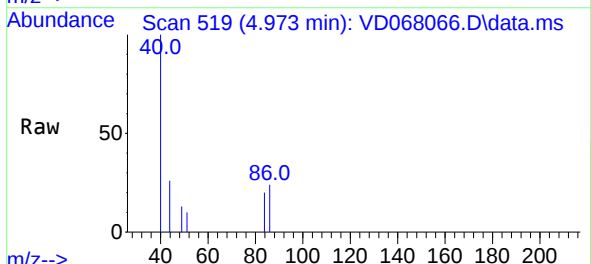
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

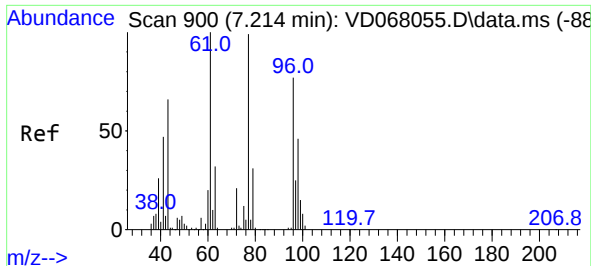
Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 84 Resp: 411
Ion Ratio Lower Upper
84 100
49 65.5 77.4 116.2#
51 49.9 26.1 39.1#
86 121.0 51.8 77.8#

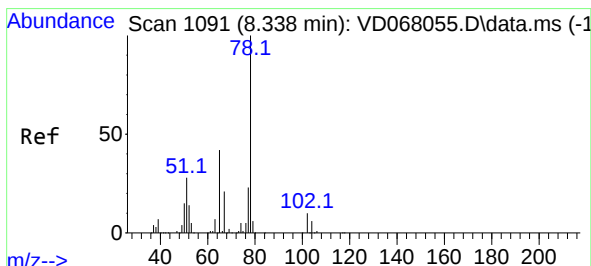
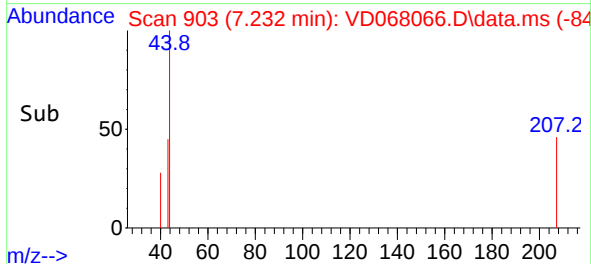
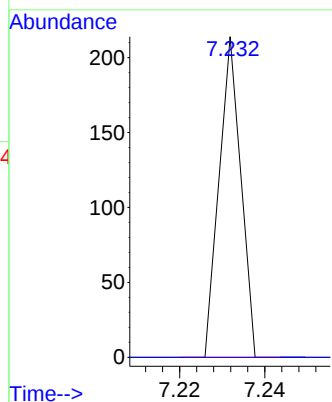
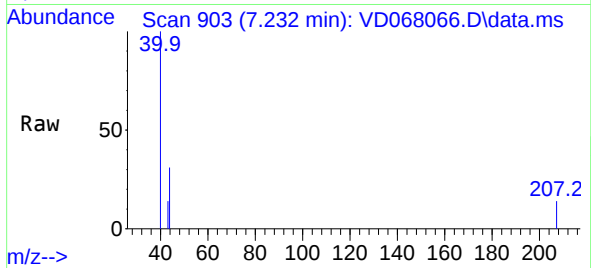




#25
2-Butanone
Concen: 1.06 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.017 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

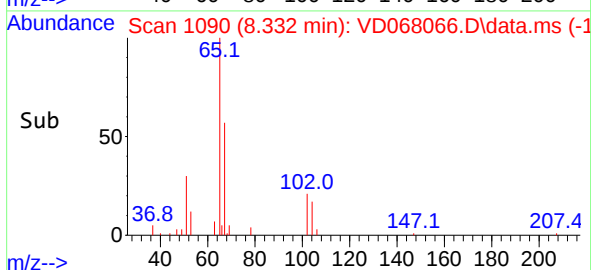
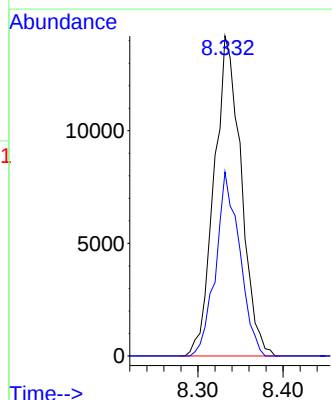
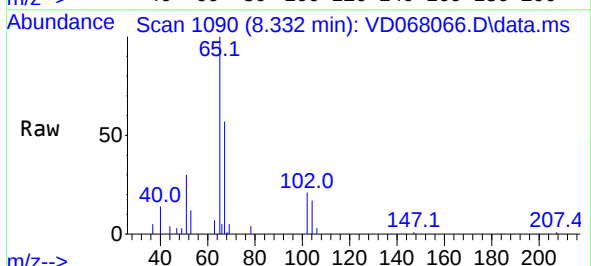
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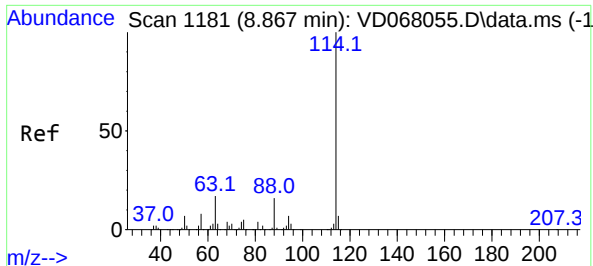
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#33
1,2-Dichloroethane-d4
Concen: 88.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

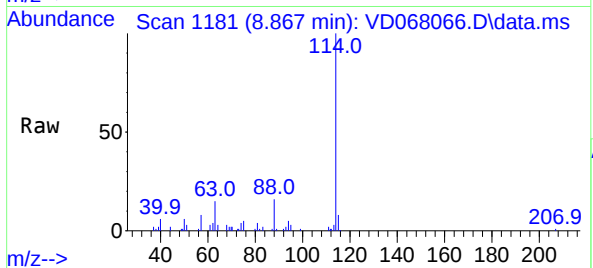
Tgt Ion: 65 Resp: 31214
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.0



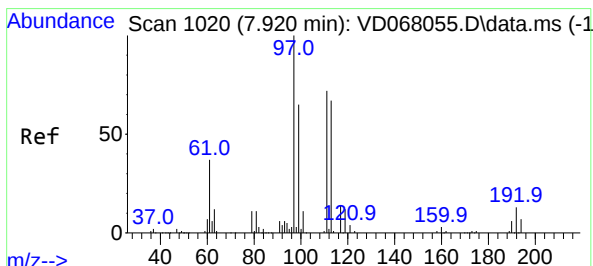
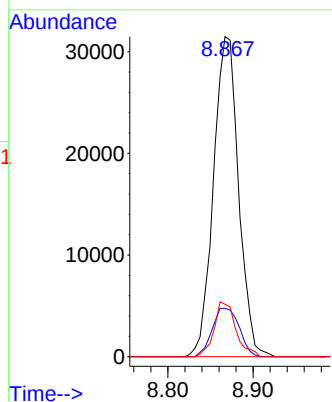
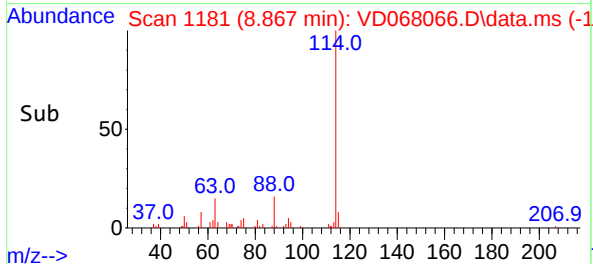


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

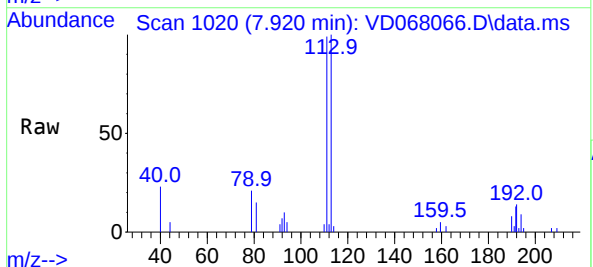
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ClientSampleId :
NB-07-011121RE



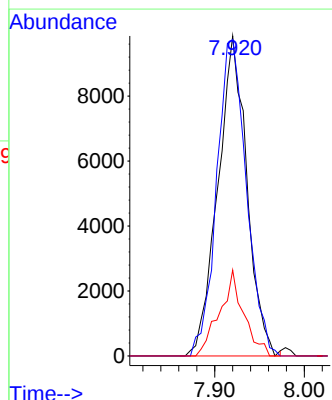
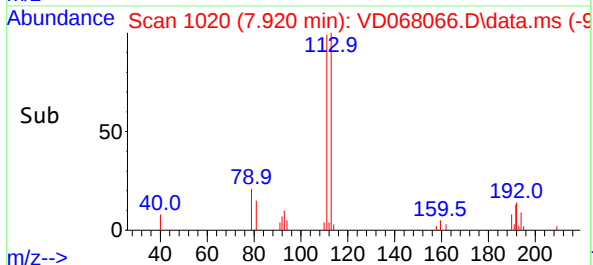
Tgt Ion:114 Resp: 64457
Ion Ratio Lower Upper
114 100
63 15.1 0.0 34.8
88 16.4 0.0 31.6

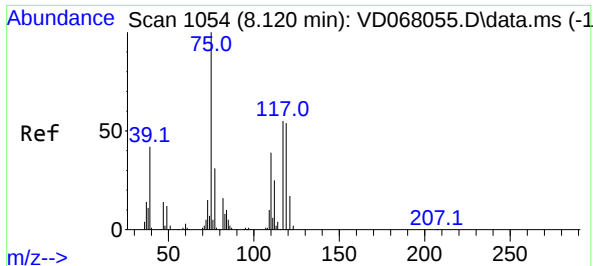


#35
Dibromofluoromethane
Concen: 60.19 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56



Tgt Ion:113 Resp: 22112
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 22.2 16.1 24.1

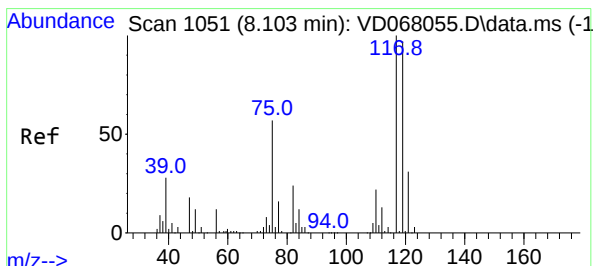
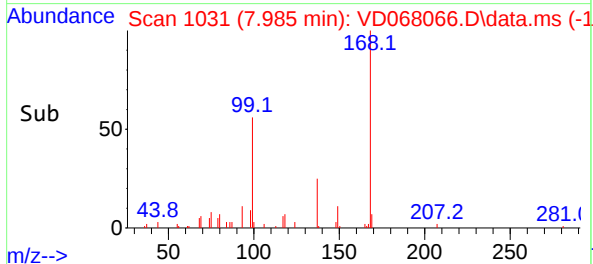
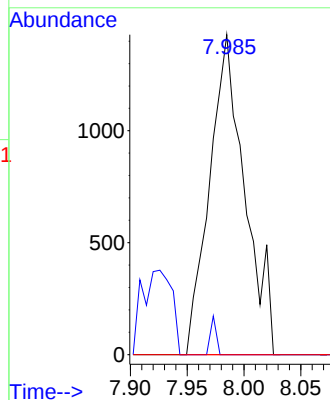
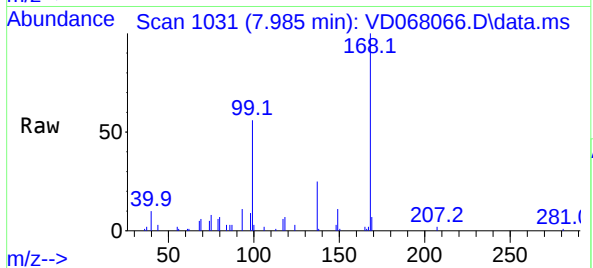




#36
1,1-Dichloropropene
Concen: 5.44 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.136 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

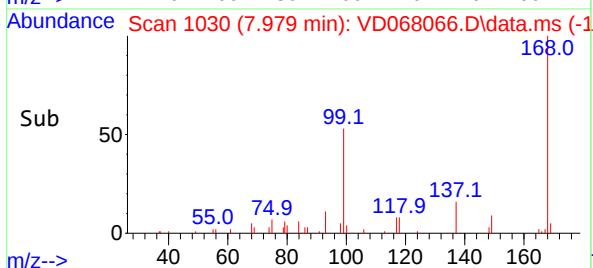
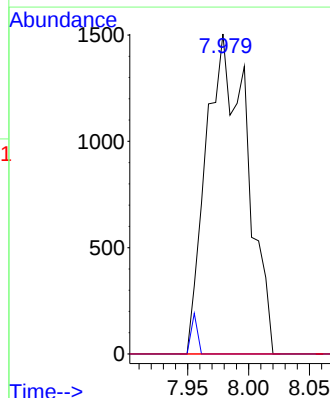
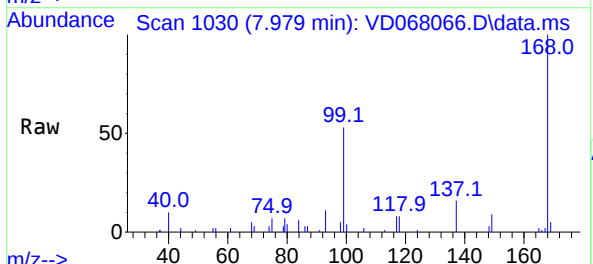
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

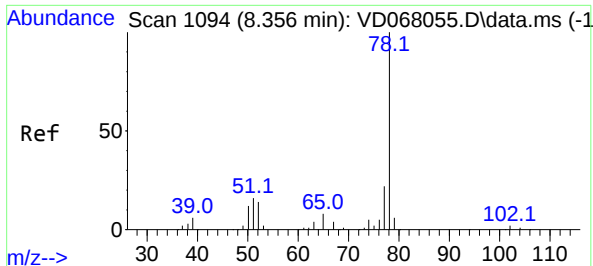
Tgt Ion: 75 Resp: 3082
Ion Ratio Lower Upper
75 100
110 2.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 117 Resp: 3525
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#

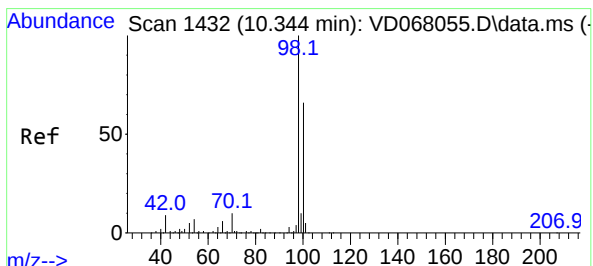
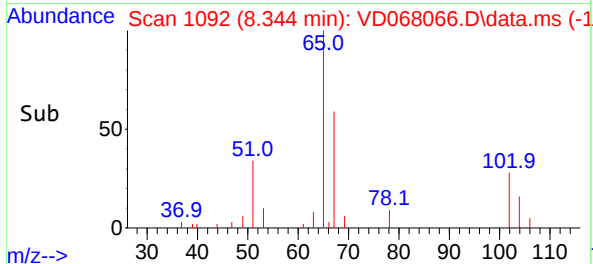
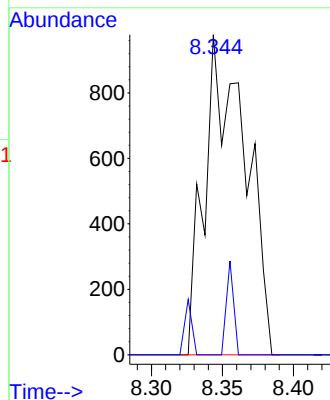
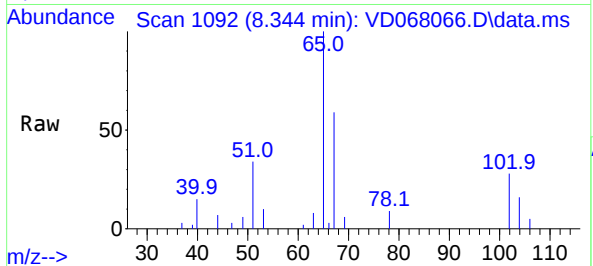




#40
Benzene
Concen: 1.23 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.012 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

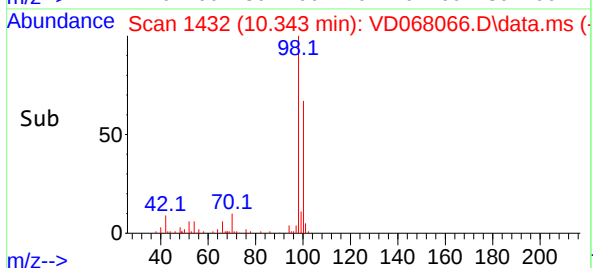
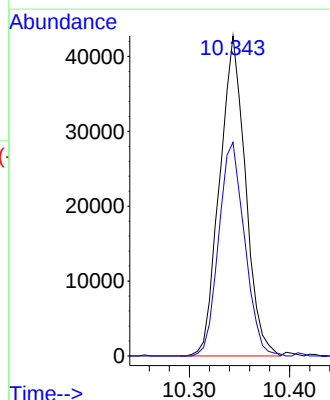
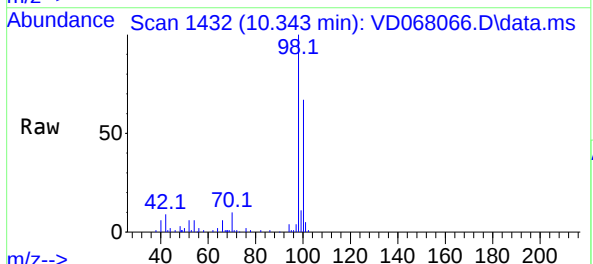
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

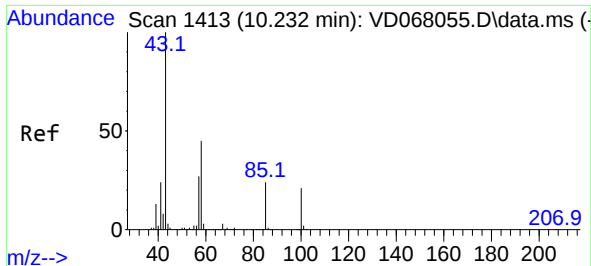
Tgt Ion: 78 Resp: 1960
Ion Ratio Lower Upper
78 100
77 0.0 17.8 26.6#



#50
Toluene-d8
Concen: 56.45 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 98 Resp: 76435
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

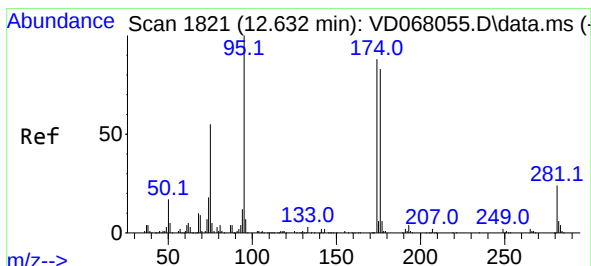
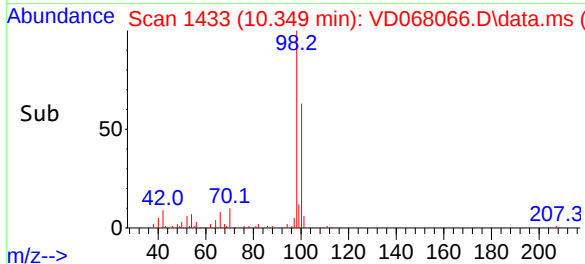
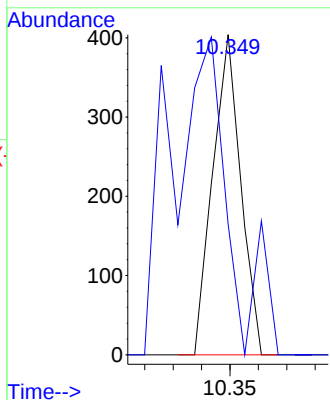
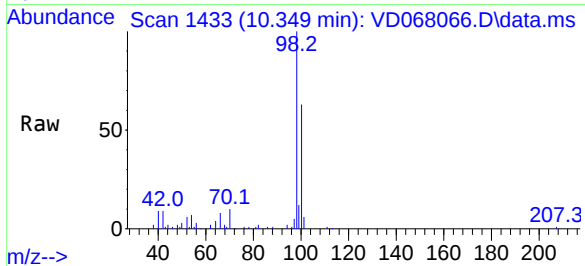




#51
4-Methyl-2-Pentanone
Concen: 1.69 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.117 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

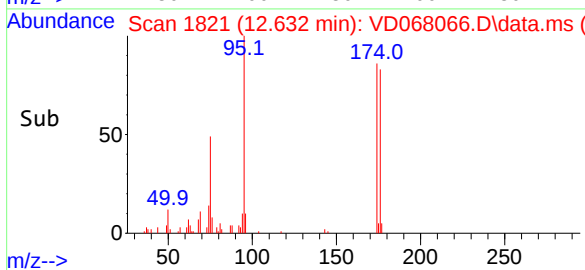
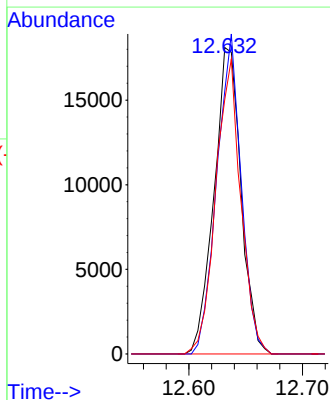
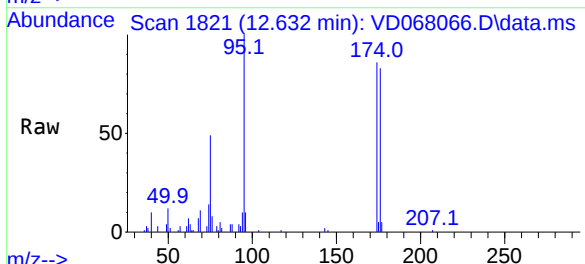
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

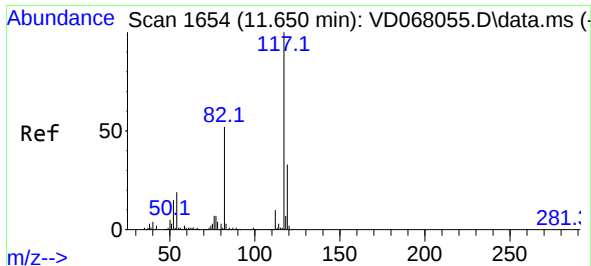
Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
58 204.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 63.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 95 Resp: 29915
Ion Ratio Lower Upper
95 100
174 93.9 0.0 172.4
176 89.3 0.0 168.4

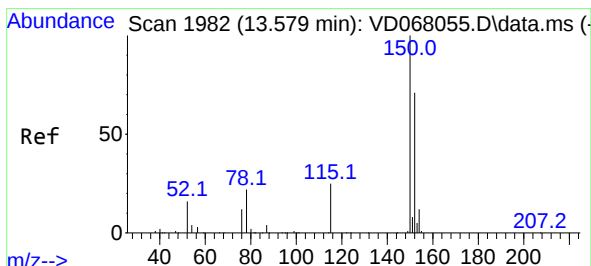
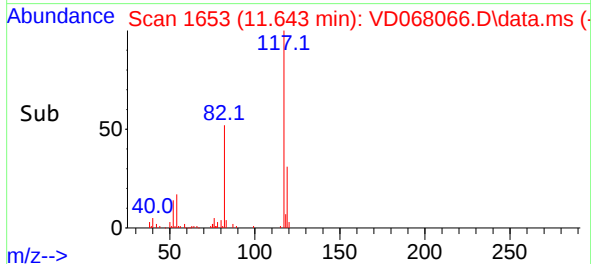
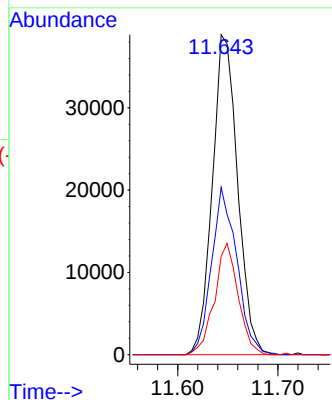
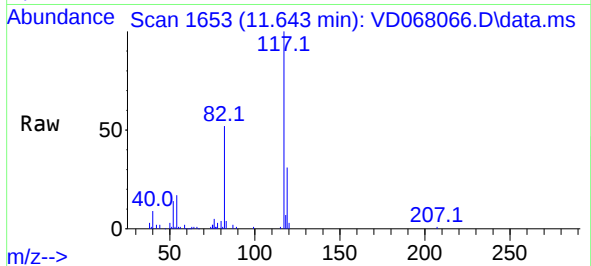




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

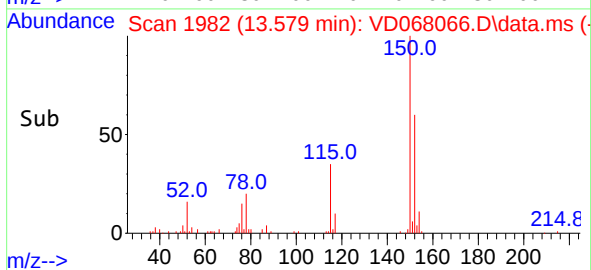
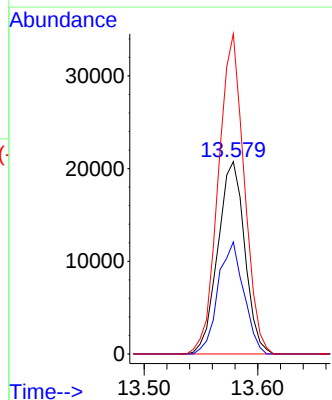
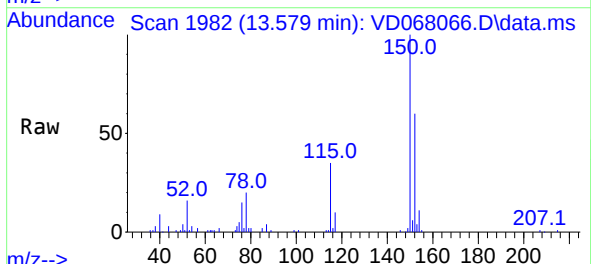
Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

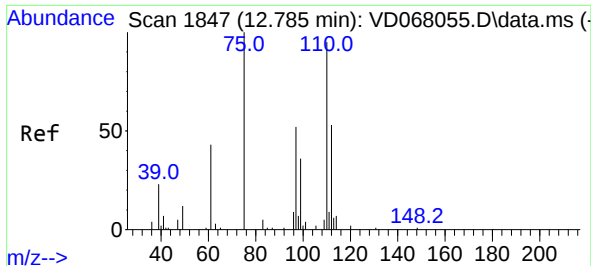
Tgt Ion:117	Resp:	68058
Ion Ratio	Lower	Upper
117	100	
82	52.2	41.4 62.0
119	30.7	26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion:152	Resp:	34091
Ion Ratio	Lower	Upper
152	100	
115	55.7	28.9 86.8
150	160.2	0.0 344.4

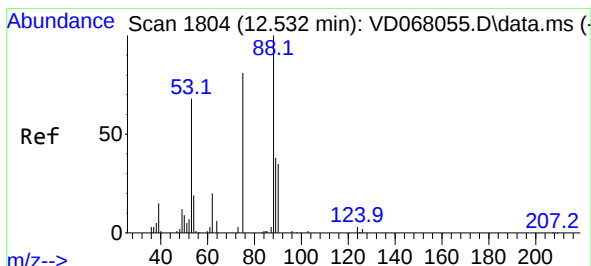
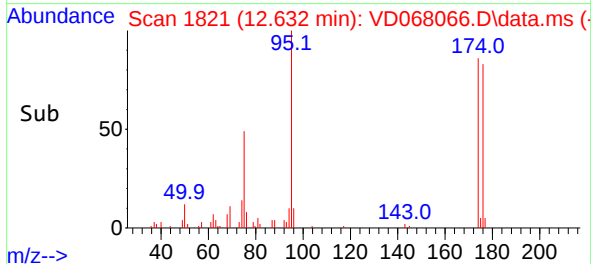
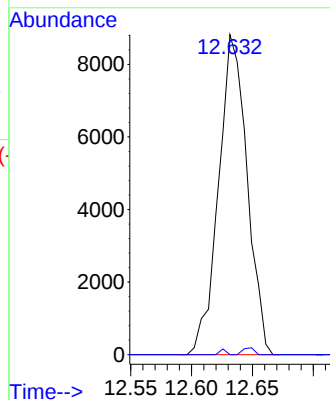
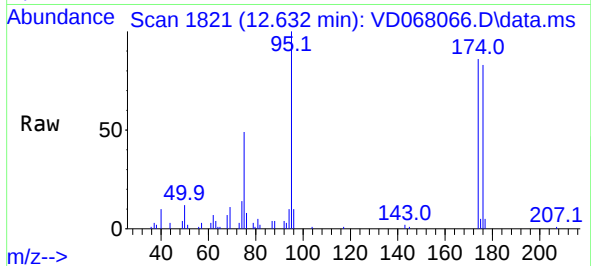




#76
1,2,3-Trichloropropane
Concen: 53.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Instrument :
MSVOA_D
ClientSampleId :
NB-07-011121RE

Tgt Ion: 75 Resp: 14396
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.100 min
Lab File: VD068066.D
Acq: 13 Jan 2021 12:56

Tgt Ion: 75 Resp: 14396
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

