

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069345.D
 Acq On : 04 Jun 2021 14:54
 Operator : VA/SY
 Sample : M2584-03RE
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-060221RE

Quant Time: Jun 05 00:35:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

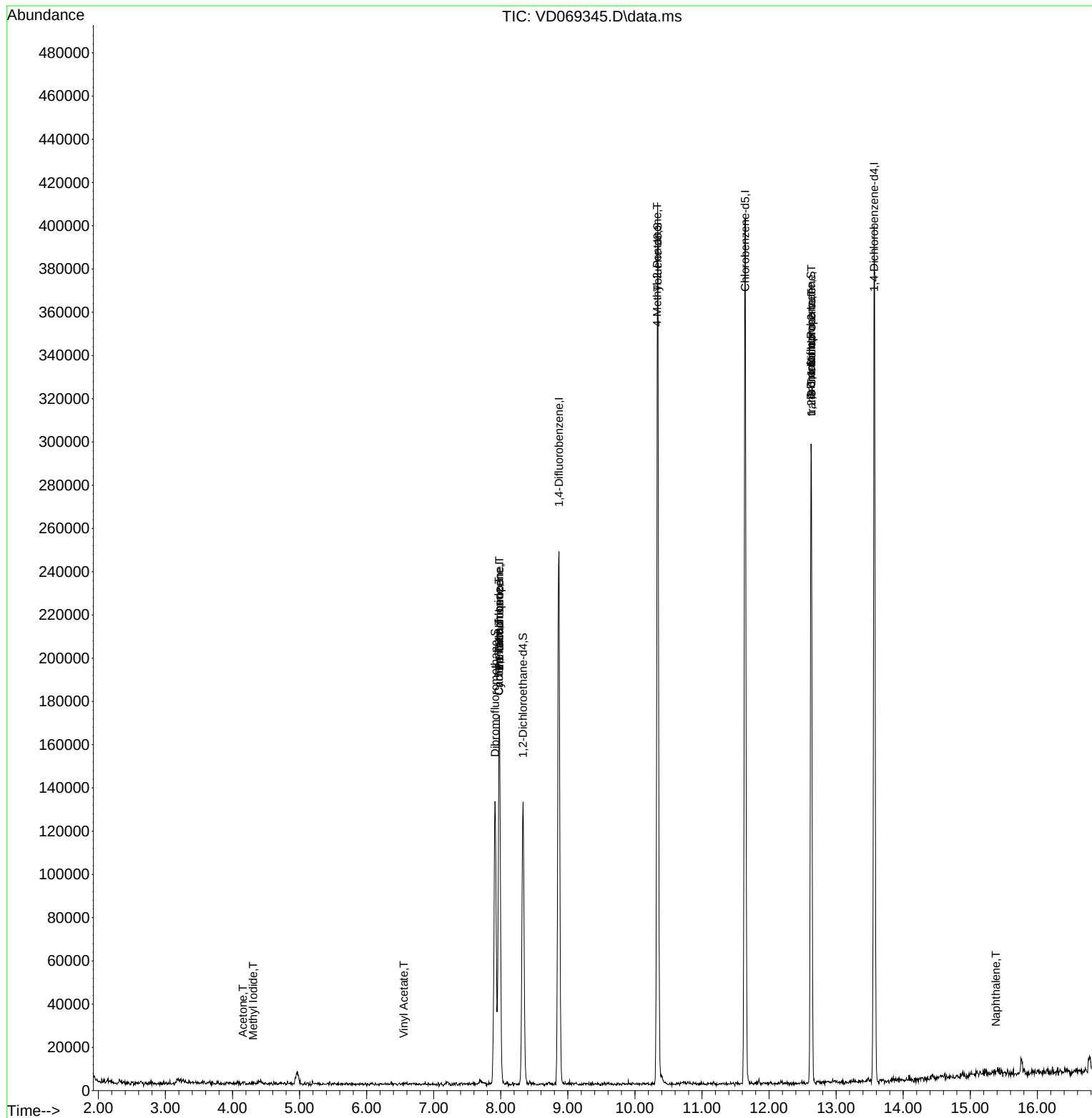
Internal Standards						
1) Pentafluorobenzene	7.979	168	126967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	227222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	241251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	109147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	106522	87.437	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 174.880%#			
35) Dibromofluoromethane	7.914	113	92344	64.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 129.440%			
50) Toluene-d8	10.338	98	283312	54.601	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.200%			
62) 4-Bromofluorobenzene	12.626	95	93776	55.156	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.320%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.308	142	271	2.690	ug/l #	39
11) Tert butyl alcohol	5.226	59	590	Below Cal	#	73
16) Acetone	4.156	43	796	3.744	ug/l	89
20) Methylene Chloride	4.955	84	2664	Below Cal	#	89
23) Vinyl Acetate	6.555	43	66	11.645	ug/l #	67
31) Cyclohexane	7.973	56	3008	1.554	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	10275	4.652	ug/l #	47
38) Carbon Tetrachloride	7.973	117	12903	5.411	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	915	1.298	ug/l #	1
71) Bromoform	12.626	173	1271	1.327	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	47912	50.524	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	47912	111.961	ug/l #	18
95) Naphthalene	15.384	128	506	3.429	ug/l #	69

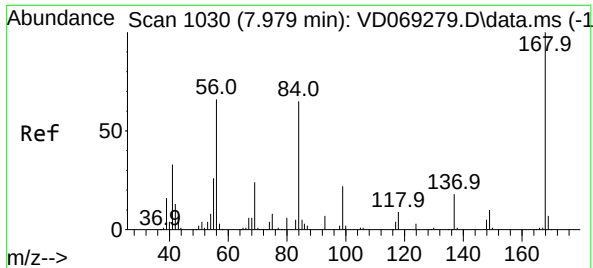
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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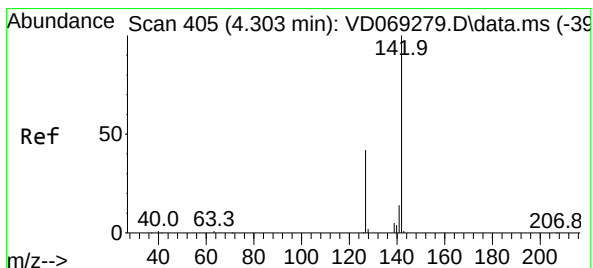
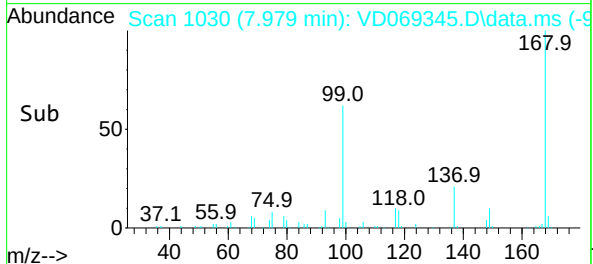
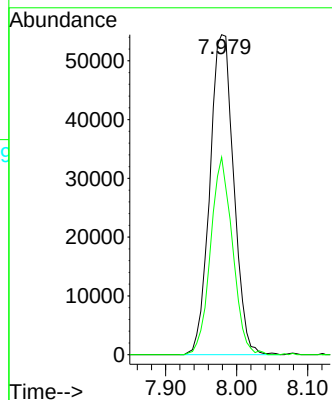
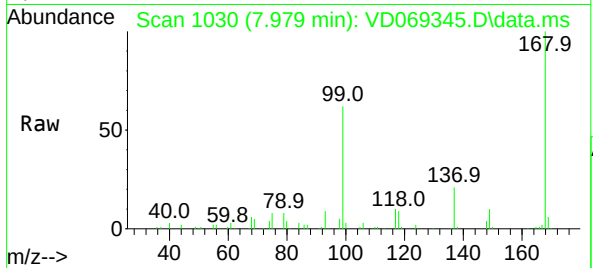




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

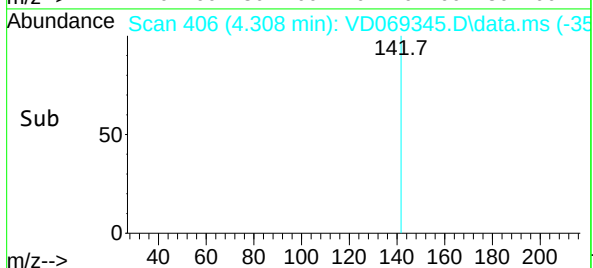
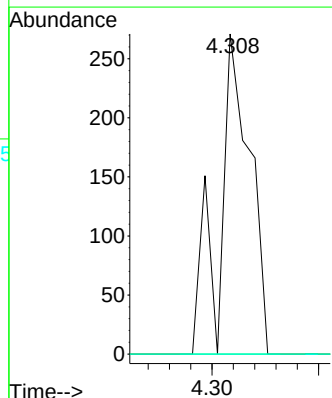
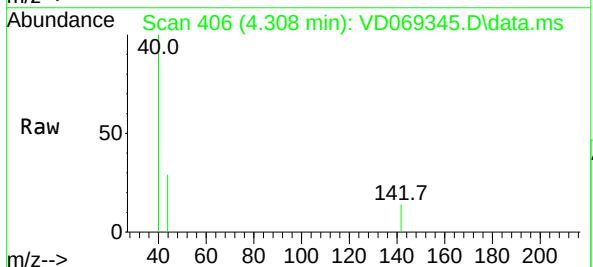
Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

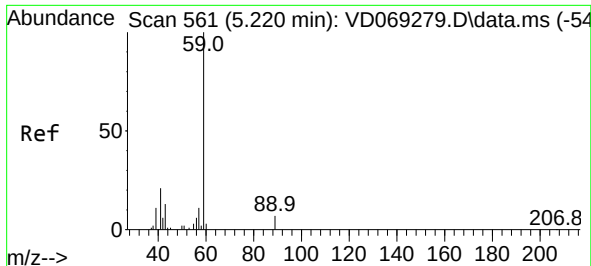
Tgt Ion:168 Resp: 126967
Ion Ratio Lower Upper
168 100
99 61.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.690 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

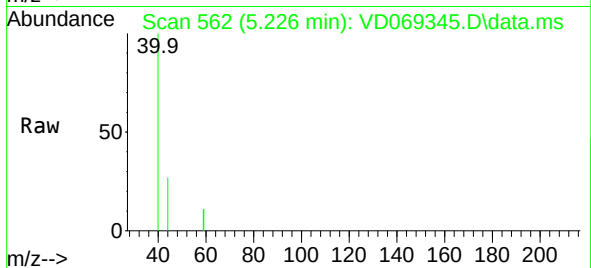
Tgt Ion:142 Resp: 271
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



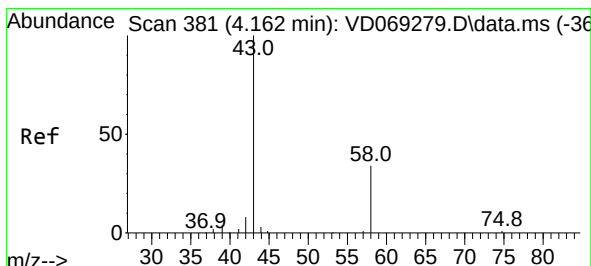
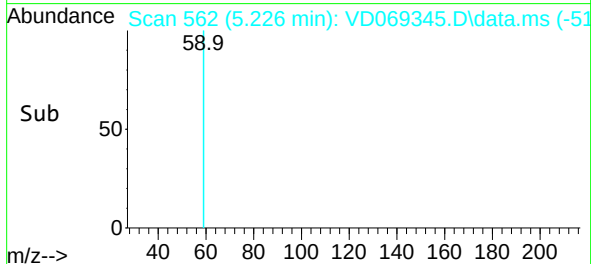
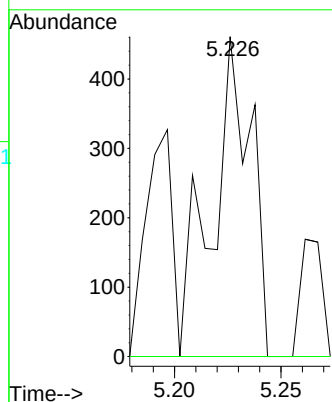


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

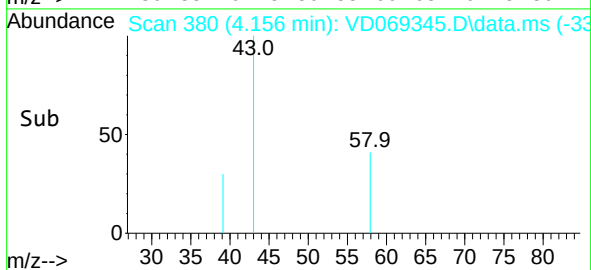
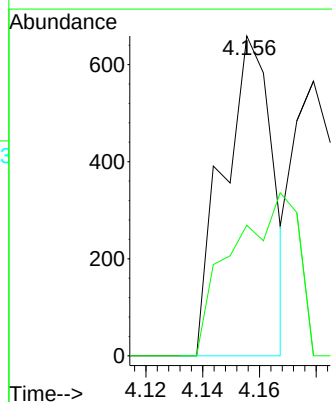
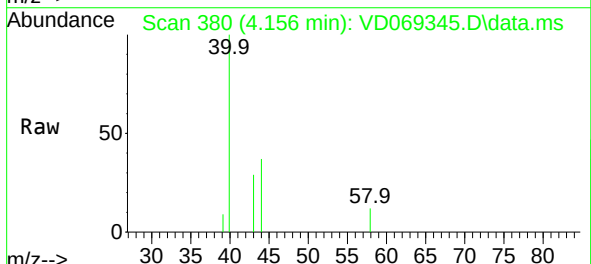


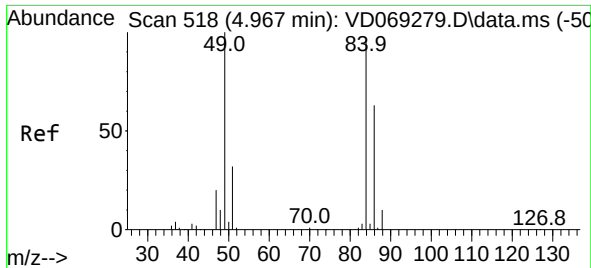
Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.744 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

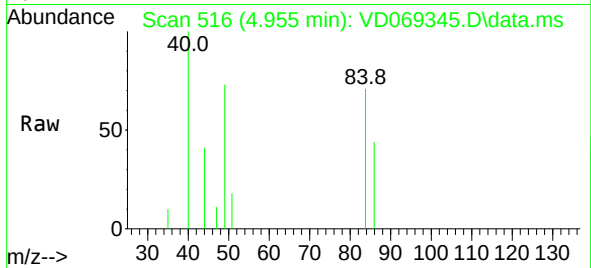
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 40.8 27.5 41.3



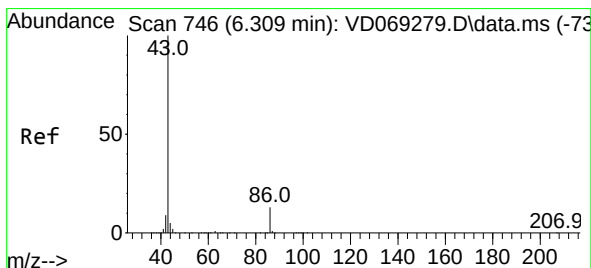
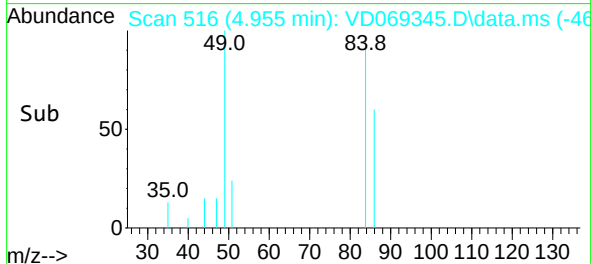
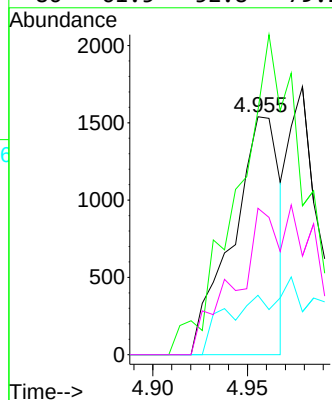


#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

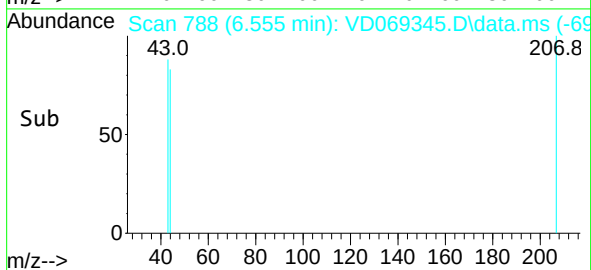
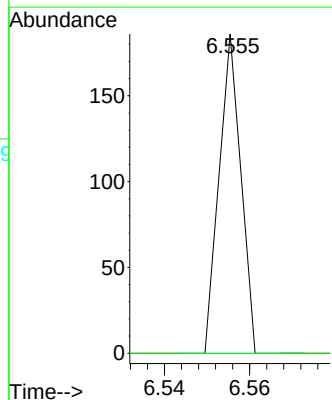
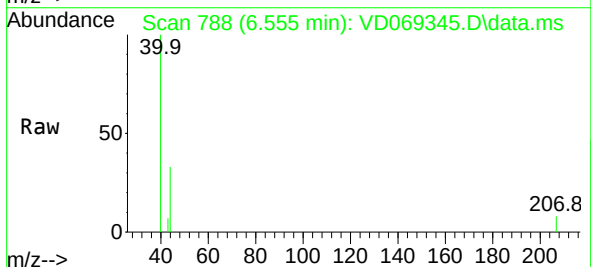


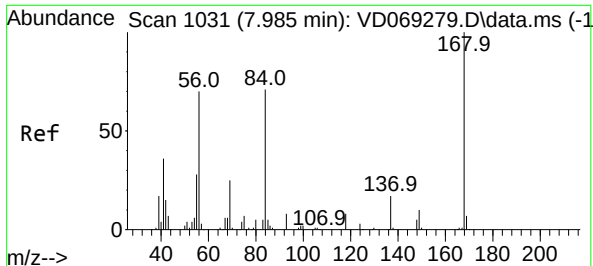
Tgt Ion: 84	Resp: 2664
Ion Ratio	Lower Upper
84 100	
49 90.4	83.7 125.5
51 25.0	26.4 39.6#
86 61.5	52.8 79.2



#23
Vinyl Acetate
Concen: 11.645 ug/l
RT: 6.555 min Scan# 788
Delta R.T. 0.246 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion: 43	Resp: 66		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.5	15.7#	

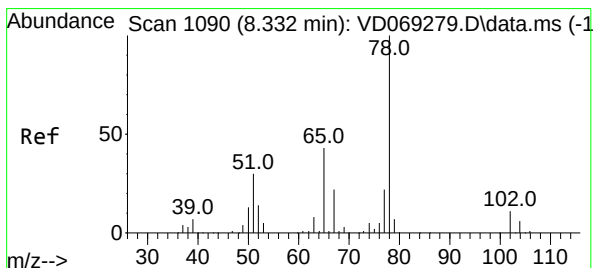
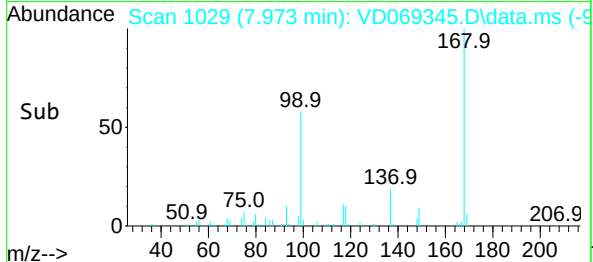
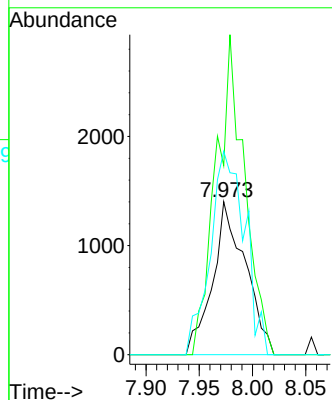
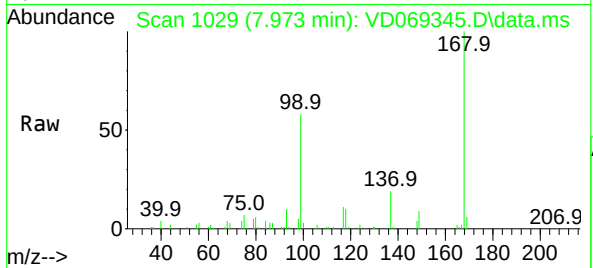




#31
Cyclohexane
Concen: 1.554 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

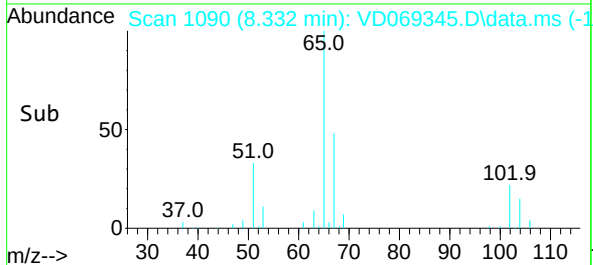
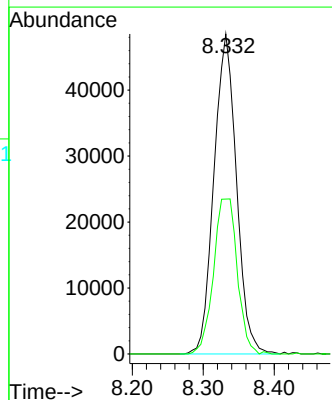
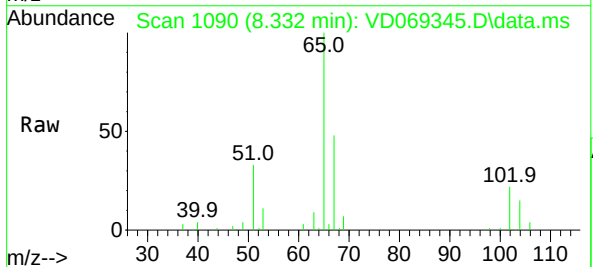
Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

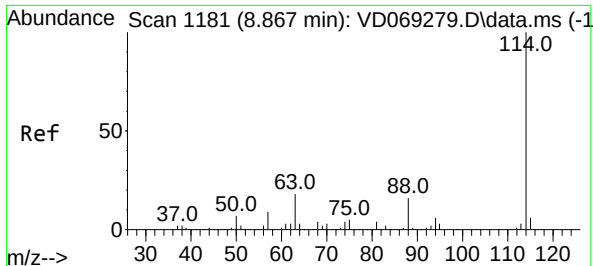
Tgt Ion: 56 Resp: 3008
Ion Ratio Lower Upper
56 100
69 123.7 29.0 43.4#
84 133.0 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 87.437 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion: 65 Resp: 106522
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8

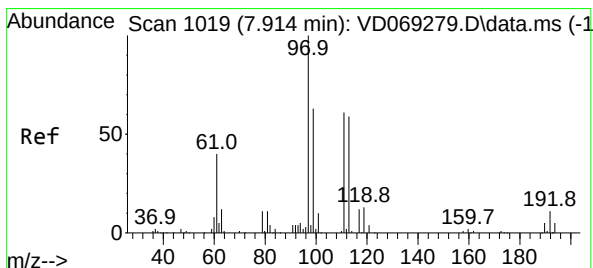
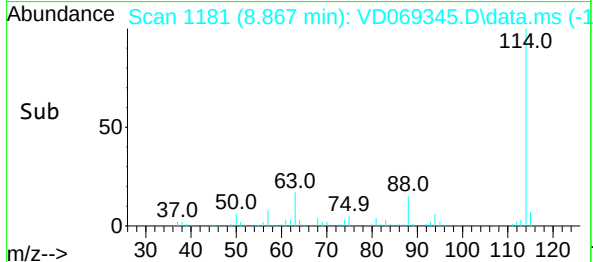
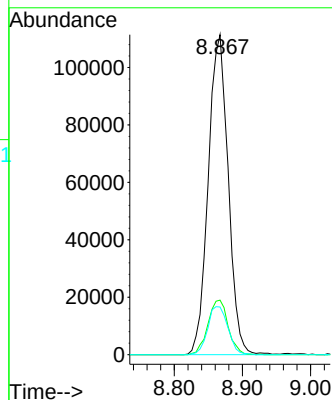
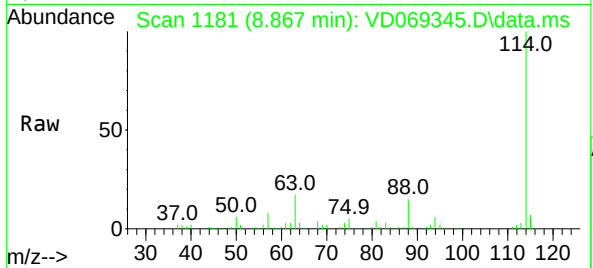




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

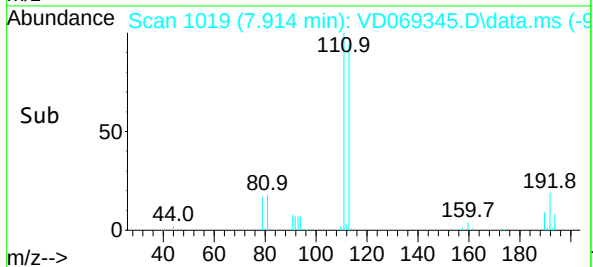
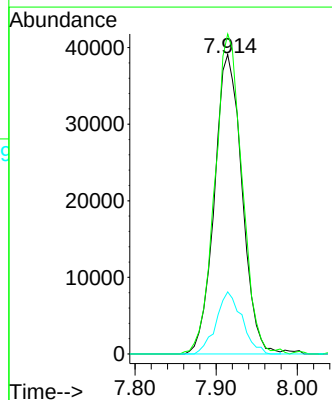
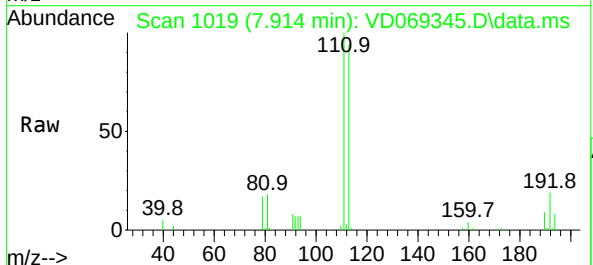
Instrument :
MSVOA_D
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EO-03-060221RE

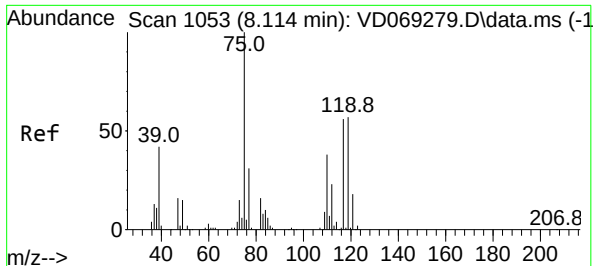
Tgt Ion:114 Resp: 227222
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.6
88 14.9 0.0 31.2



#35
Dibromofluoromethane
Concen: 64.716 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

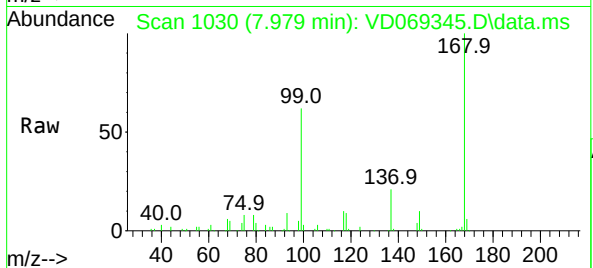
Tgt Ion:113 Resp: 92344
Ion Ratio Lower Upper
113 100
111 105.7 83.0 124.6
192 19.4 15.1 22.7



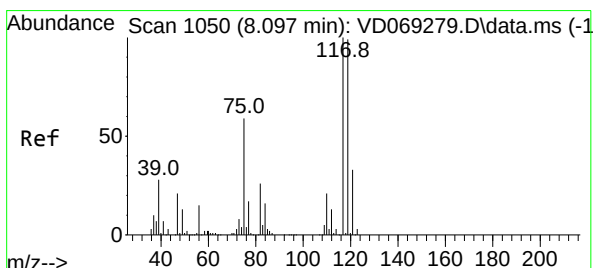
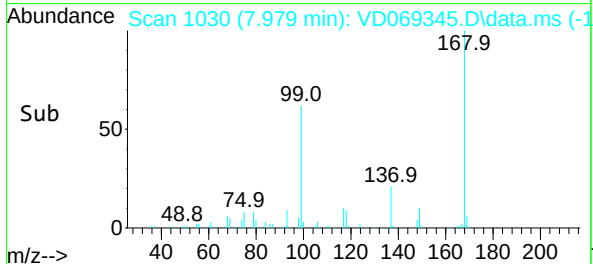
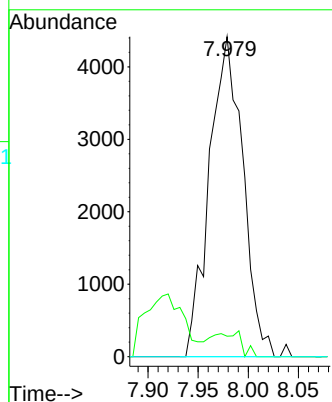


#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

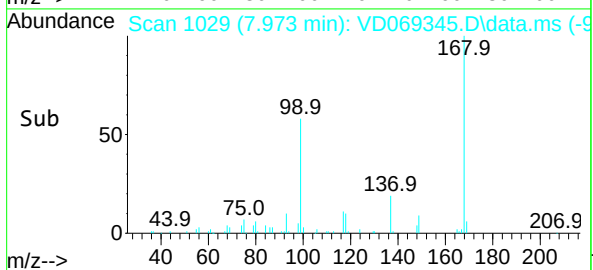
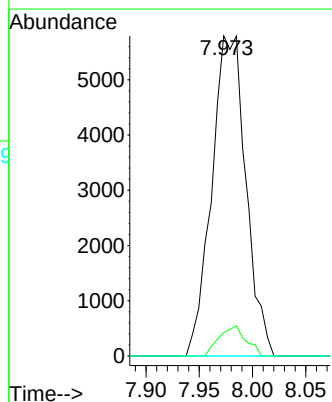
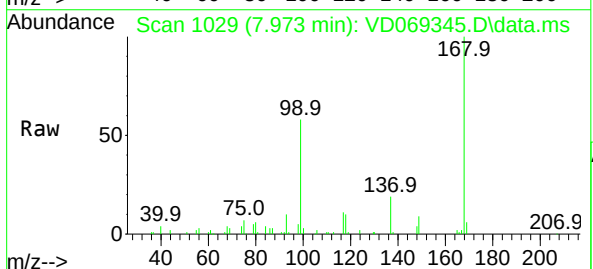


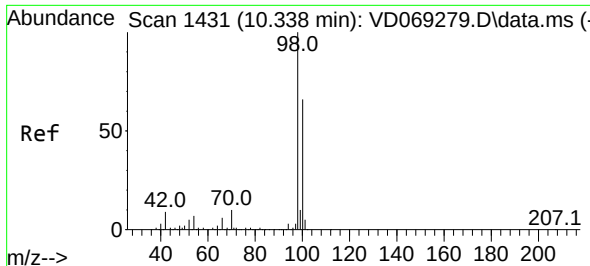
Tgt Ion: 75 Resp: 10275
Ion Ratio Lower Upper
75 100
110 6.7 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion: 117 Resp: 12903
Ion Ratio Lower Upper
117 100
119 7.3 79.4 119.2#
121 0.0 26.1 39.1#

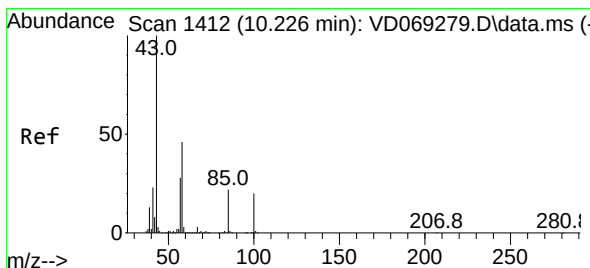
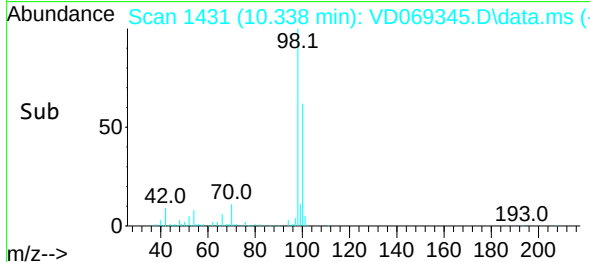
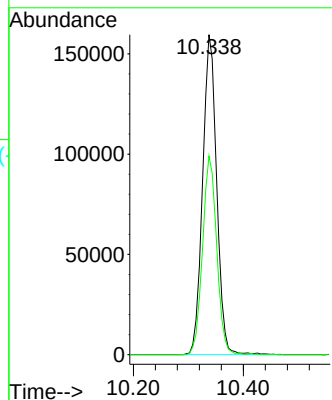
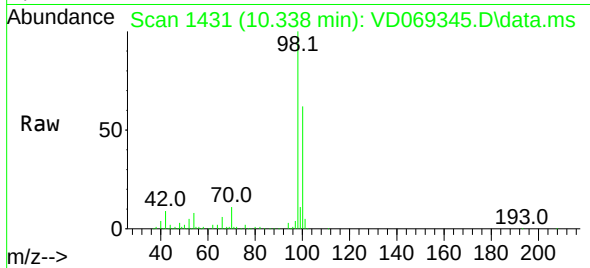




#50
Toluene-d8
Concen: 54.601 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

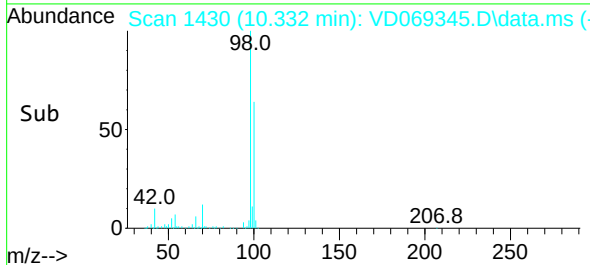
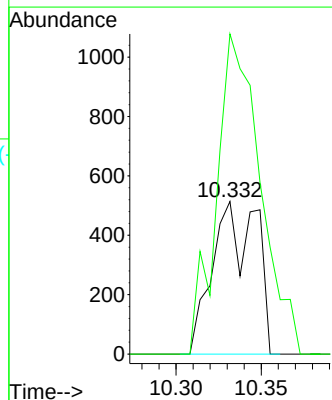
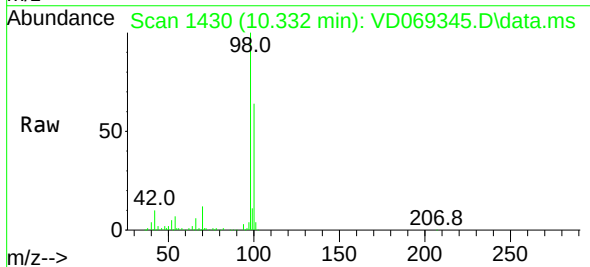
Instrument :
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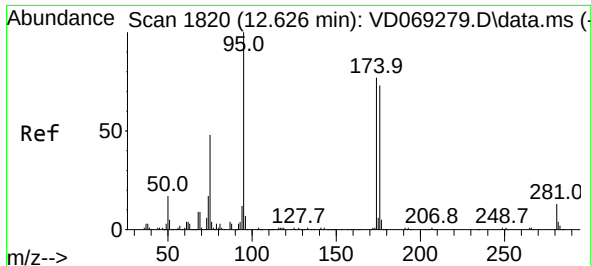
Tgt Ion: 98 Resp: 283312
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.298 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 211.4 35.1 52.7#

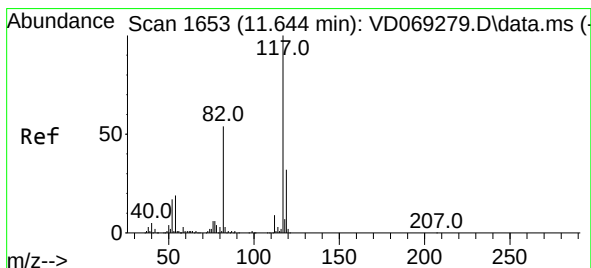
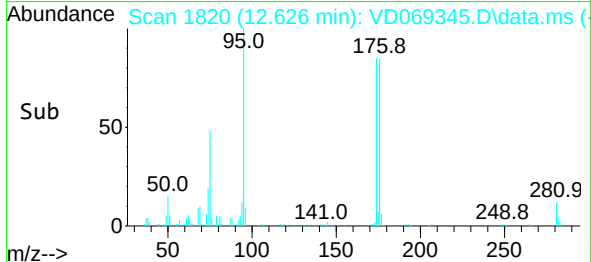
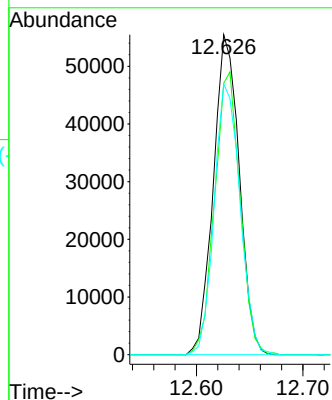
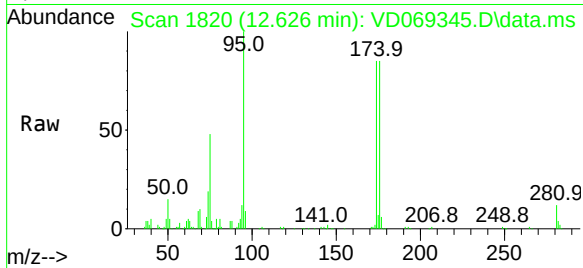




#62
4-Bromofluorobenzene
Concen: 55.156 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

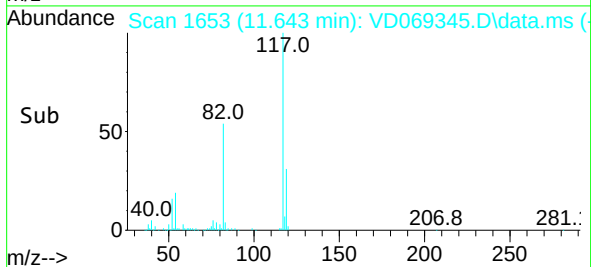
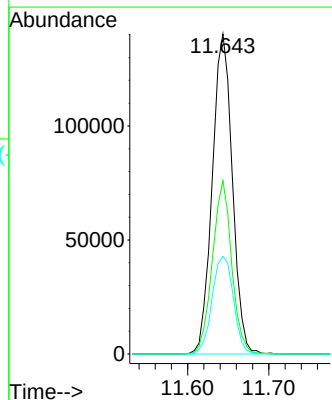
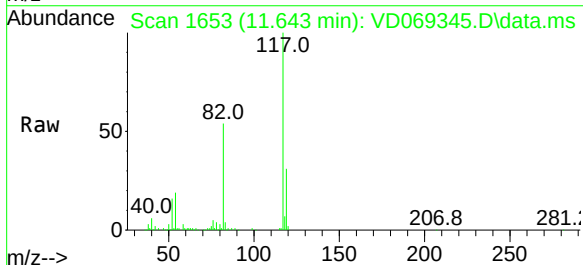
Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

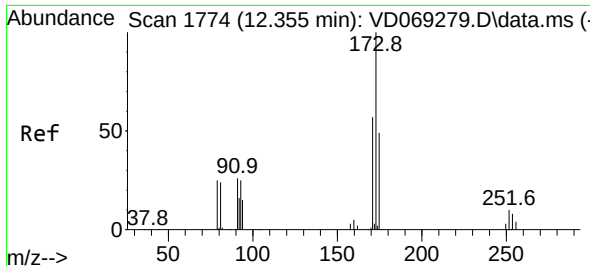
Tgt Ion:	95	Resp:	93776
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	162.8
176	84.4	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion:	117	Resp:	241251
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.3	64.9
119	30.5	25.3	37.9

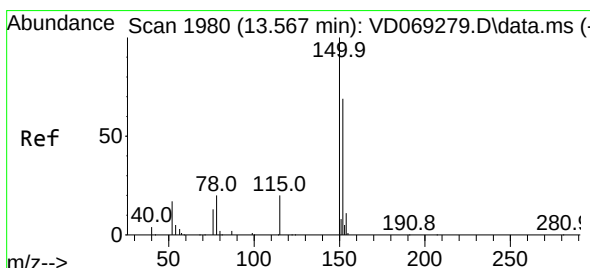
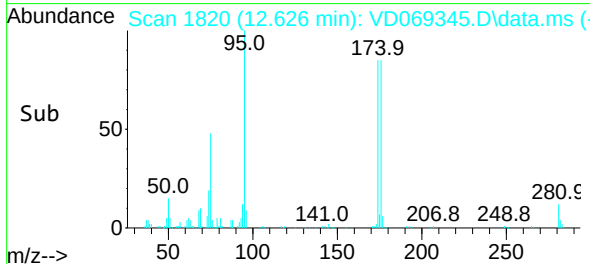
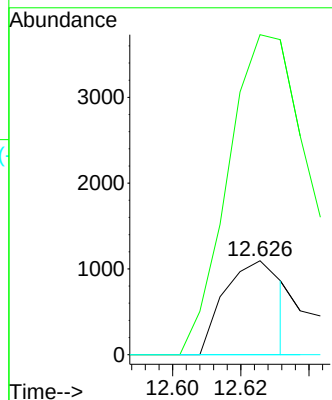
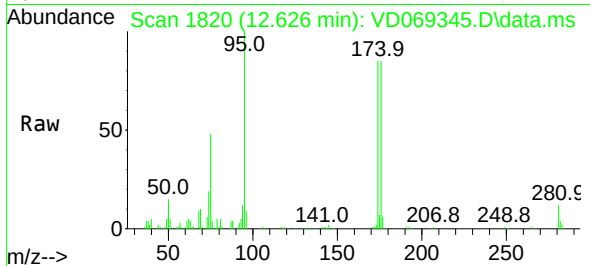




#71
Bromoform
Concen: 1.327 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

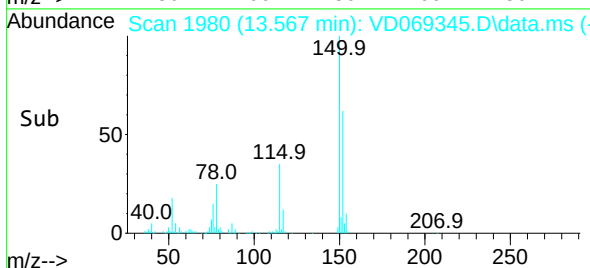
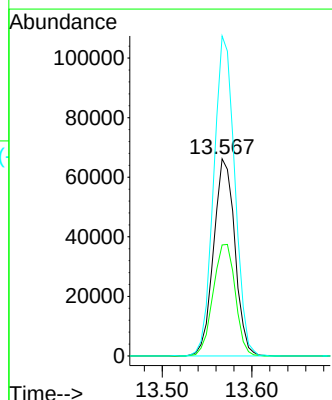
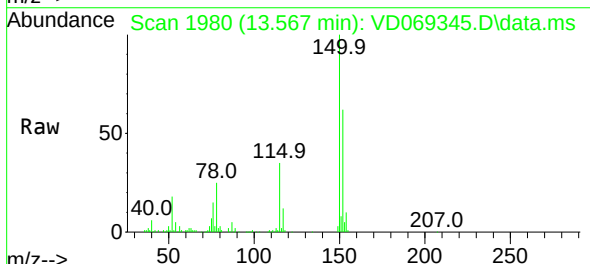
Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

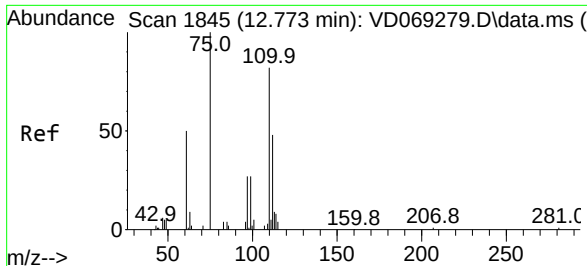
Tgt Ion:173 Resp: 1271
Ion Ratio Lower Upper
173 100
175 346.8 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion:152 Resp: 109147
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 160.7 0.0 355.0

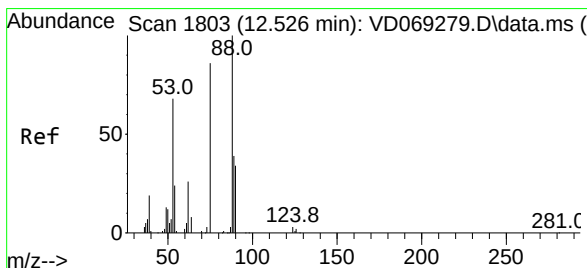
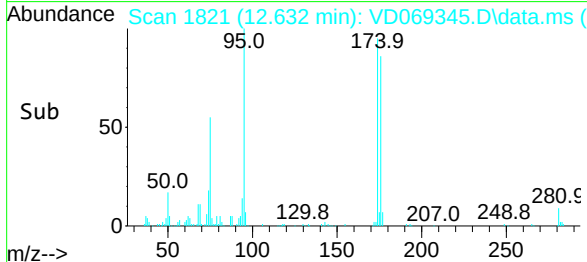
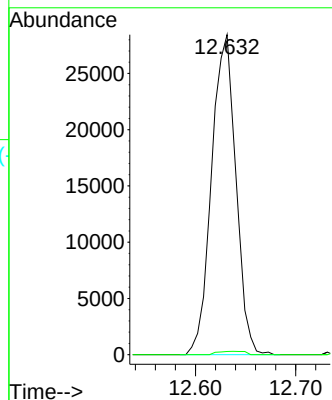
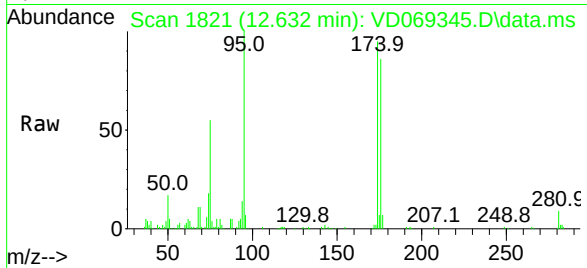




#76
1,2,3-Trichloropropane
Concen: 50.524 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

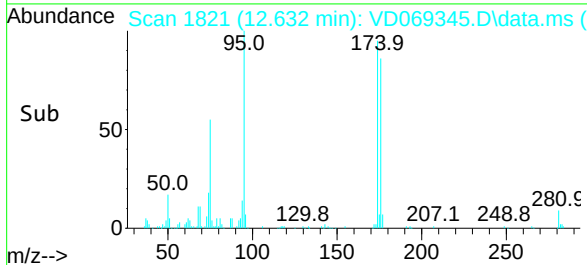
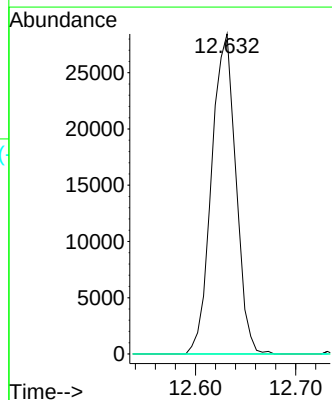
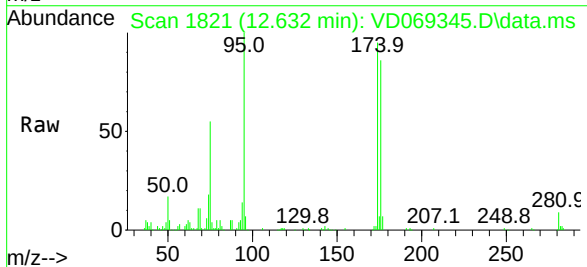
Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

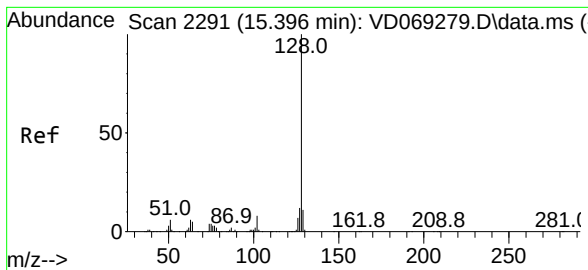
Tgt Ion: 75 Resp: 47912
Ion Ratio Lower Upper
75 100
77 1.2 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.961 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

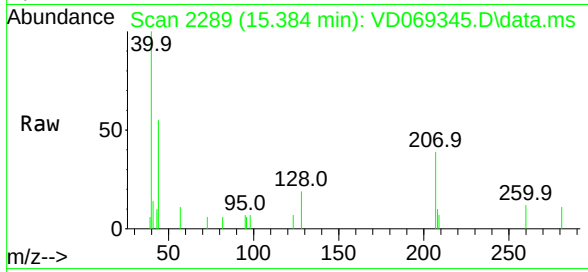
Tgt Ion: 75 Resp: 47912
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.429 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

