

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069344.D
 Acq On : 04 Jun 2021 14:26
 Operator : VA/SY
 Sample : M2584-01RE
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-060221RE

Quant Time: Jun 05 00:34:55 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)

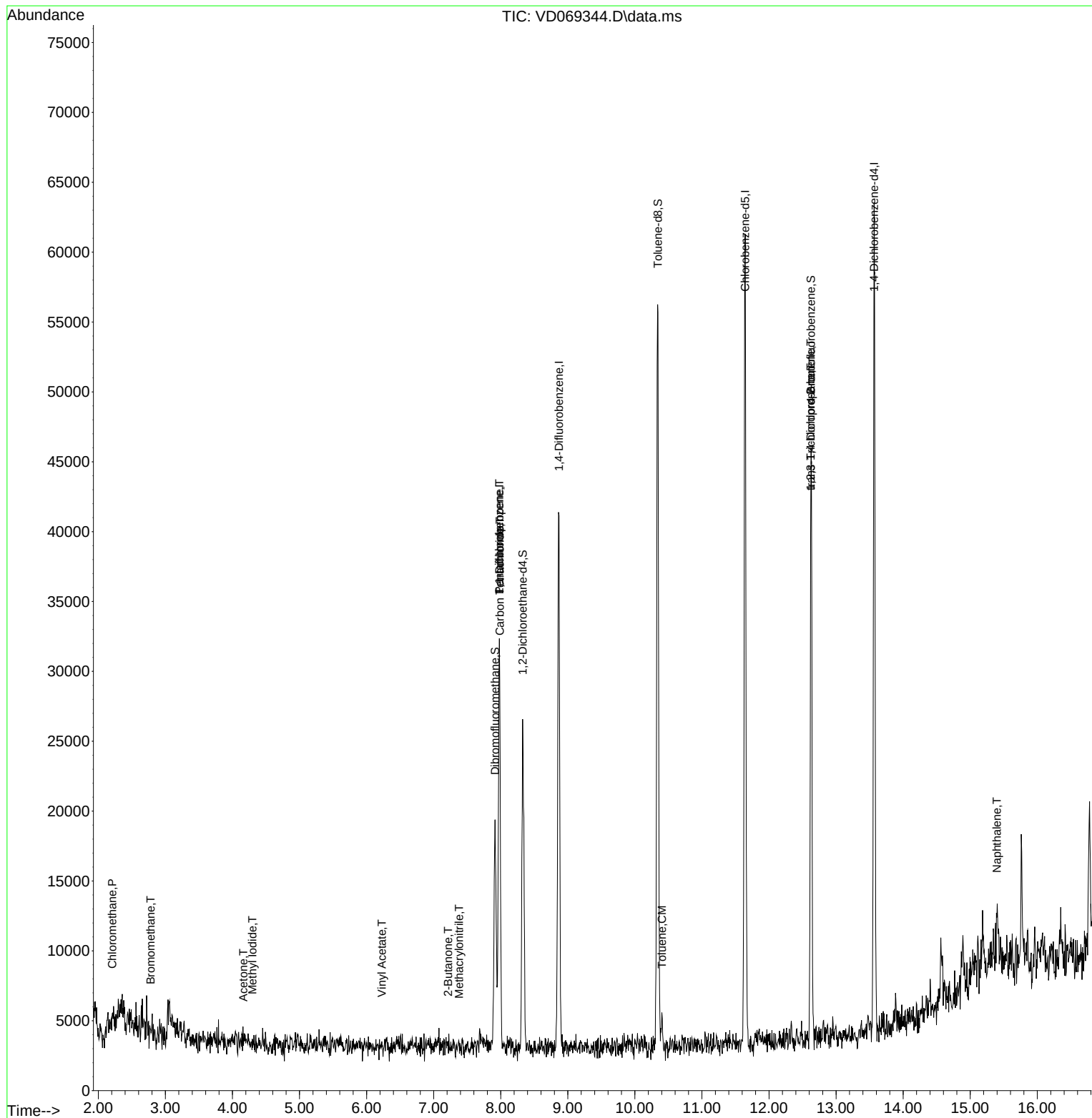
Internal Standards						
1) Pentafluorobenzene	7.979	168	21833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	33913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	38141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	16664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18835	89.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 179.820%#			
35) Dibromofluoromethane	7.914	113	11302	53.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.140%			
50) Toluene-d8	10.344	98	40503	52.301	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.626	95	14013	55.222	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.440%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	515	2.968	ug/l #	41
5) Bromomethane	2.779	94	625	4.847	ug/l #	53
10) Methyl Iodide	4.297	142	170	3.164	ug/l #	39
11) Tert butyl alcohol	5.215	59	58	Below Cal	#	73
16) Acetone	4.162	43	1265	34.602	ug/l #	40
20) Methylene Chloride	4.962	84	219	Below Cal	#	32
23) Vinyl Acetate	6.226	43	64	11.800	ug/l #	67
25) 2-Butanone	7.214	43	54	1.123	ug/l #	45
36) 1,1-Dichloropropene	7.979	75	1723	5.227	ug/l #	41
38) Carbon Tetrachloride	7.985	117	2325	6.533	ug/l #	11
41) Methacrylonitrile	7.379	41	56	1.031	ug/l #	8
52) Toluene	10.402	92	839	1.388	ug/l	84
76) 1,2,3-Trichloropropane	12.620	75	7622	52.645	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	7622	116.661	ug/l #	18
95) Naphthalene	15.396	128	319	3.826	ug/l #	69

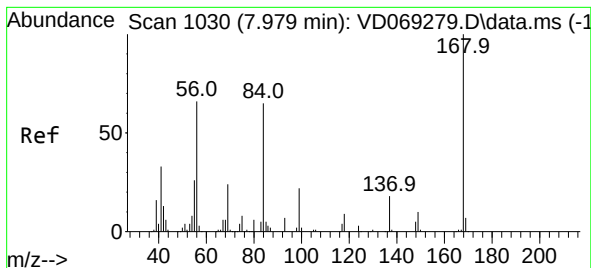
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD069344.D

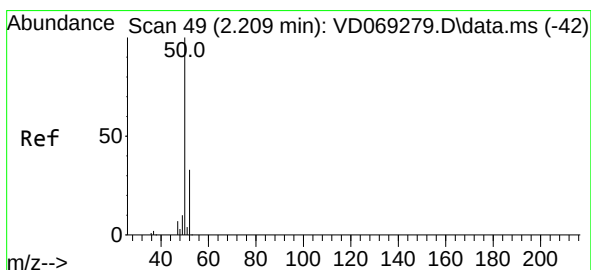
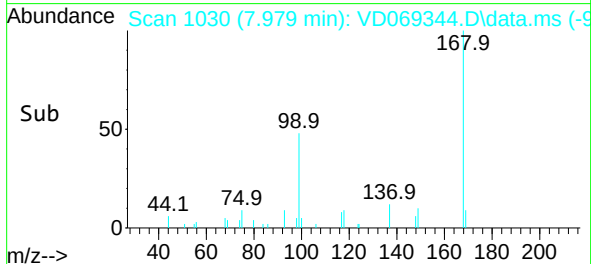
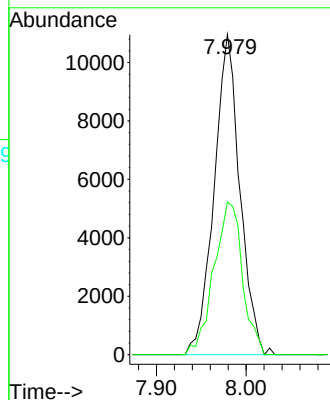
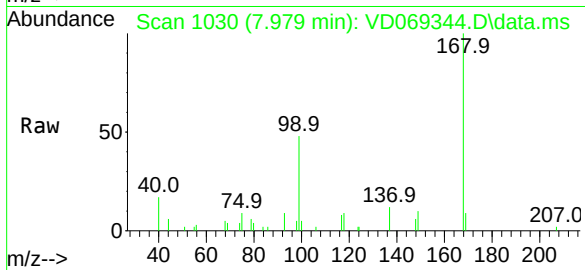
Acq: 04 Jun 2021 14:26

Tgt Ion:168 Resp: 21833

Ion Ratio Lower Upper

168 100

99 47.7 46.2 69.2



#3

Chloromethane

Concen: 2.968 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD069344.D

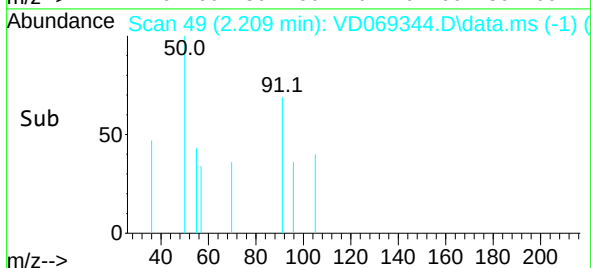
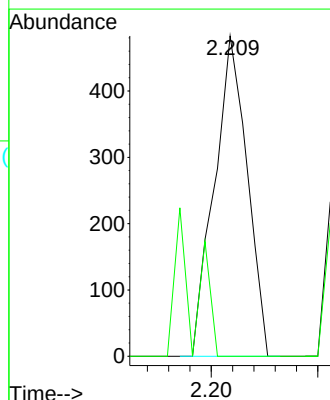
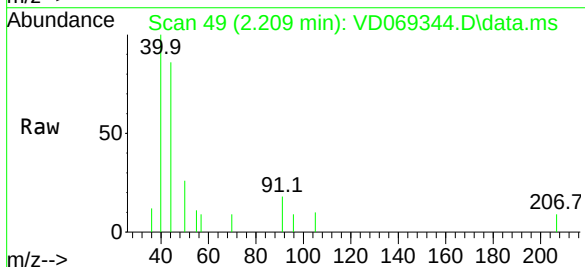
Acq: 04 Jun 2021 14:26

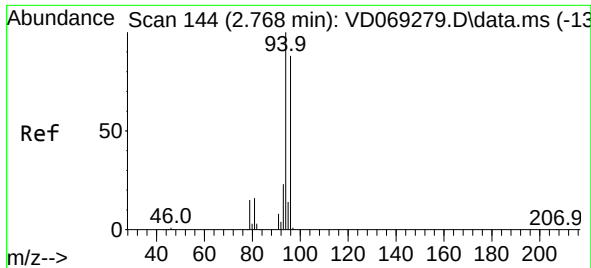
Tgt Ion: 50 Resp: 515

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#

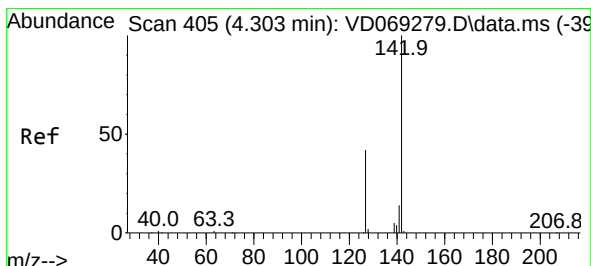
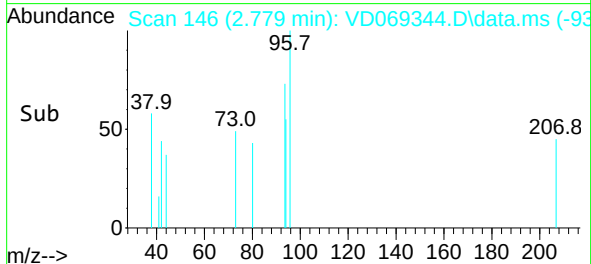
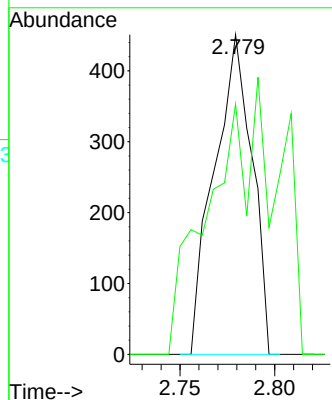
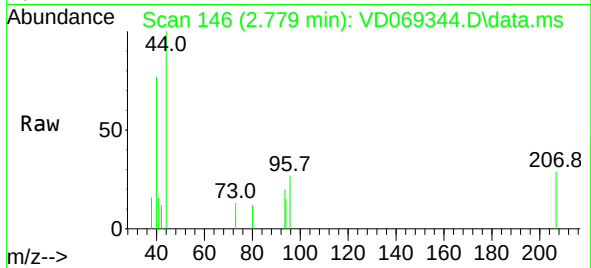




#5
Bromomethane
Concen: 4.847 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

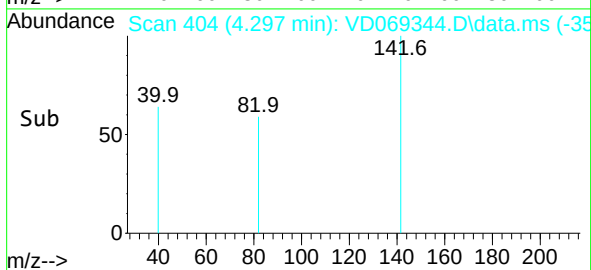
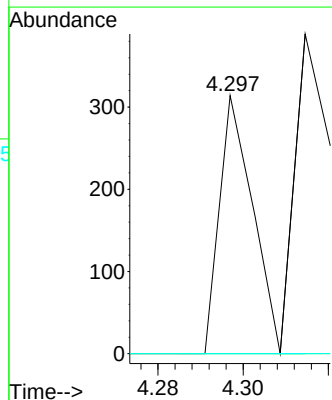
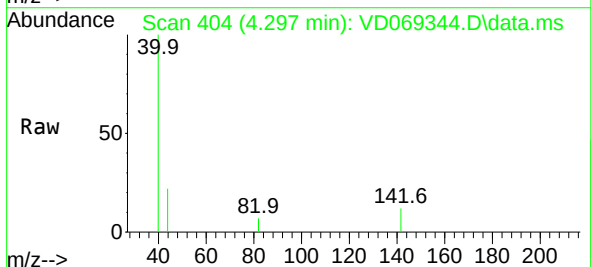
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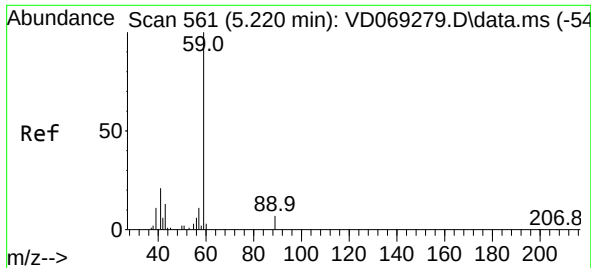
Tgt Ion: 94 Resp: 625
Ion Ratio Lower Upper
94 100
96 44.6 70.3 105.5#



#10
Methyl Iodide
Concen: 3.164 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion: 142 Resp: 170
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

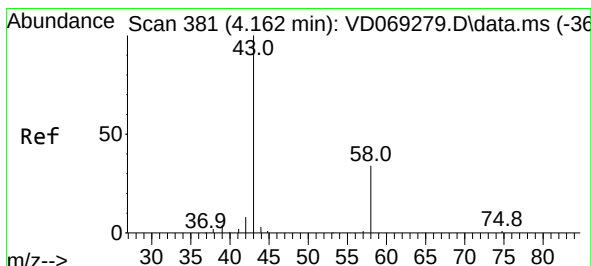
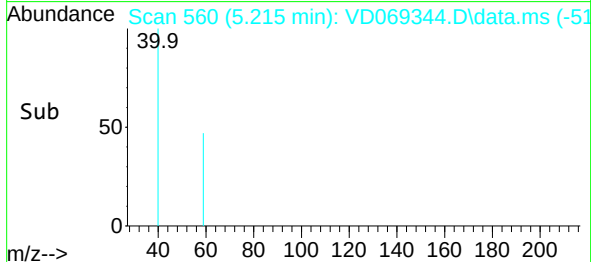
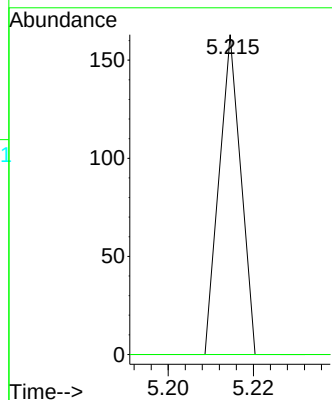
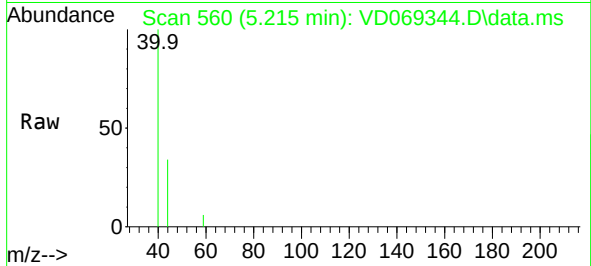




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

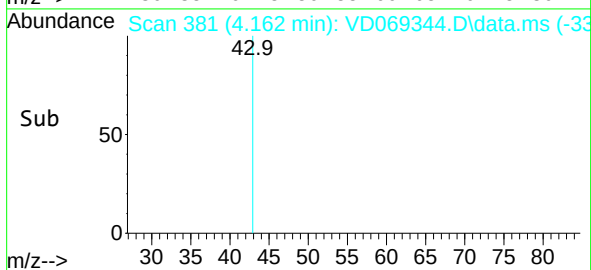
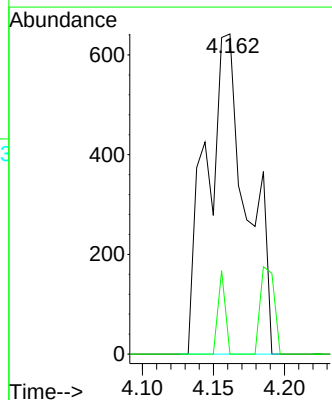
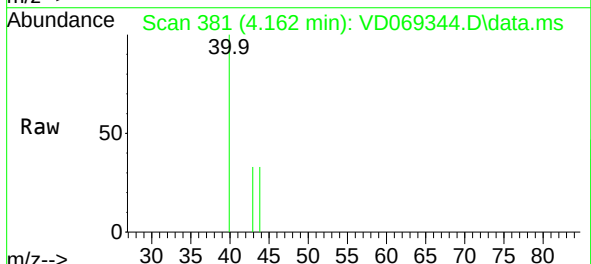
Instrument :
MSVOA_D
ClientSampleId :
EO-02-060221RE

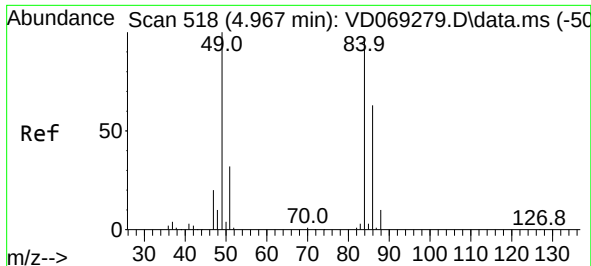
Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 34.602 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. -0.005 min

Lab File: VD069344.D

Acq: 04 Jun 2021 14:26

Instrument :

MSVOA_D

ClientSampleId :

EO-02-060221RE

Tgt Ion: 84 Resp: 219

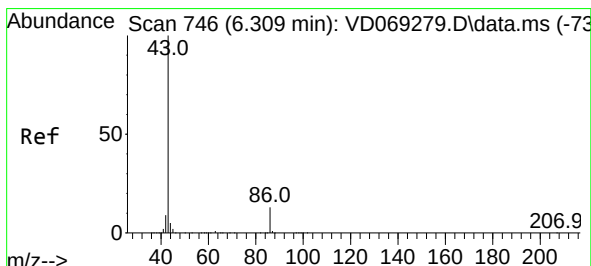
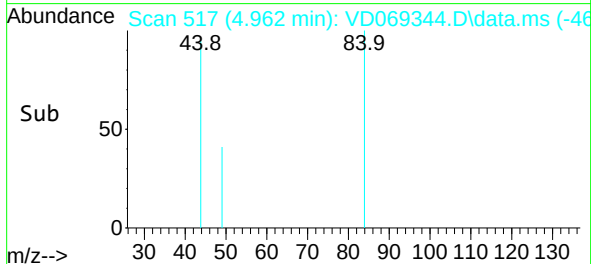
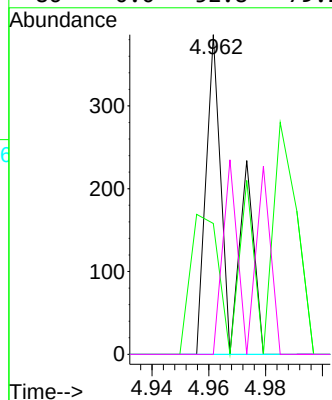
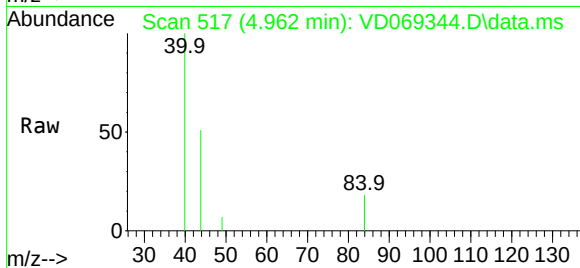
Ion Ratio Lower Upper

84 100

49 40.9 83.7 125.5#

51 0.0 26.4 39.6#

86 0.0 52.8 79.2#



#23

Vinyl Acetate

Concen: 11.800 ug/l

RT: 6.226 min Scan# 732

Delta R.T. -0.083 min

Lab File: VD069344.D

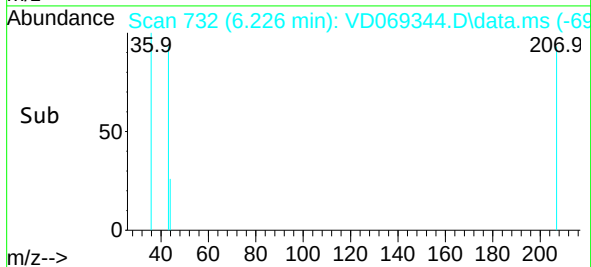
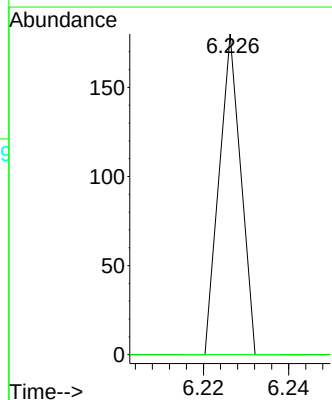
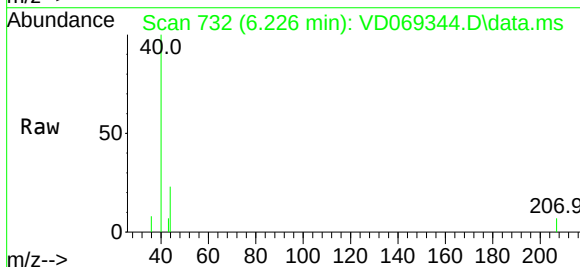
Acq: 04 Jun 2021 14:26

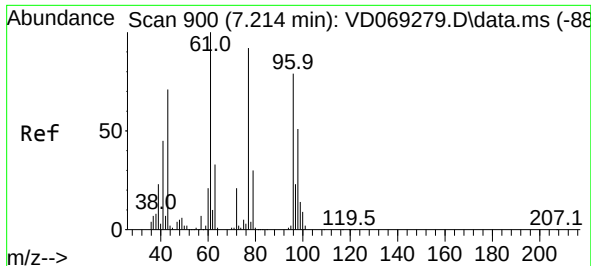
Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

86 0.0 10.5 15.7#

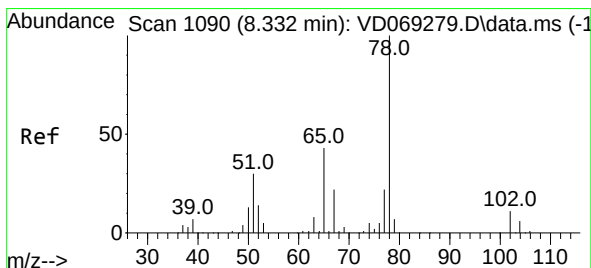
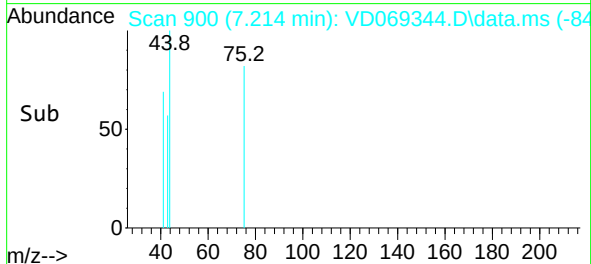
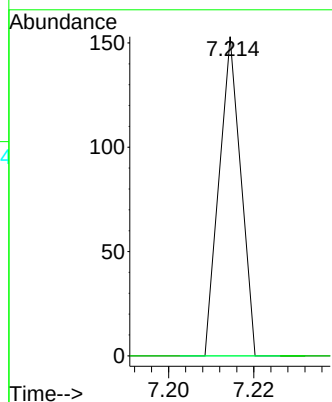
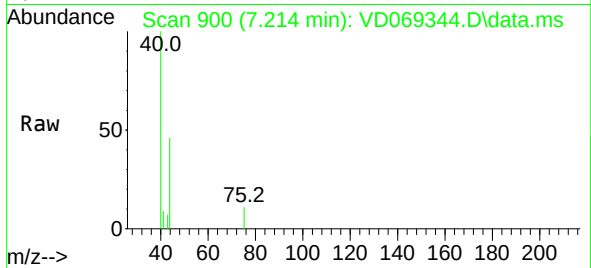




#25
2-Butanone
Concen: 1.123 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

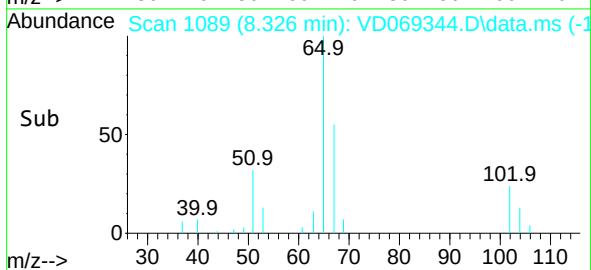
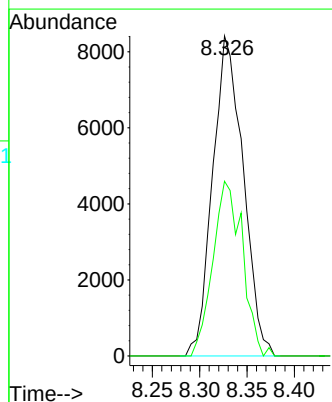
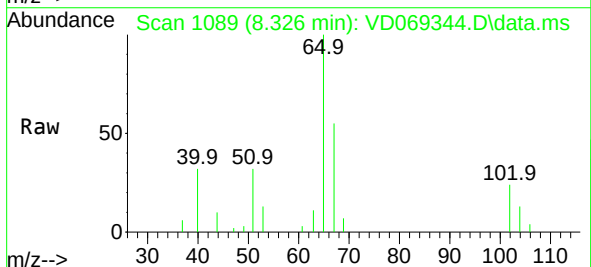
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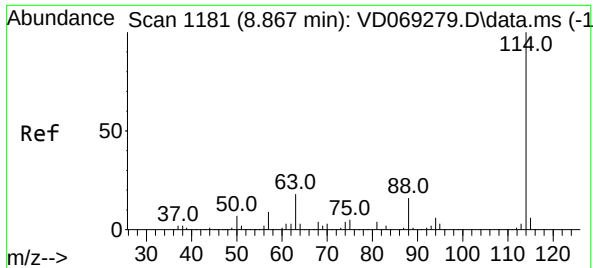
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#33
1,2-Dichloroethane-d4
Concen: 89.908 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion: 65 Resp: 18835
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

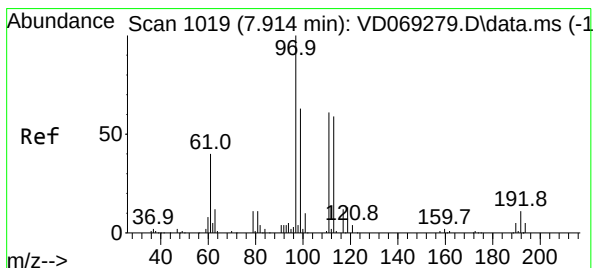
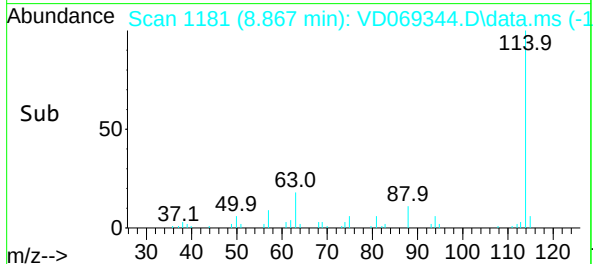
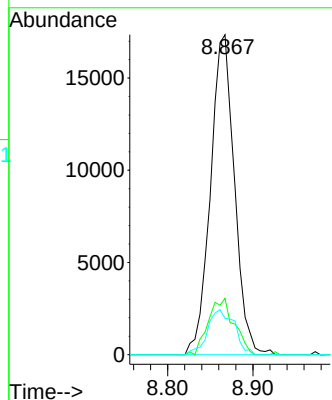
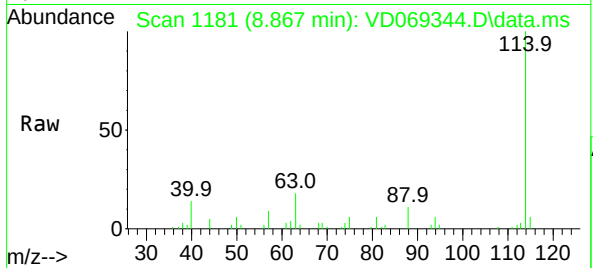




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

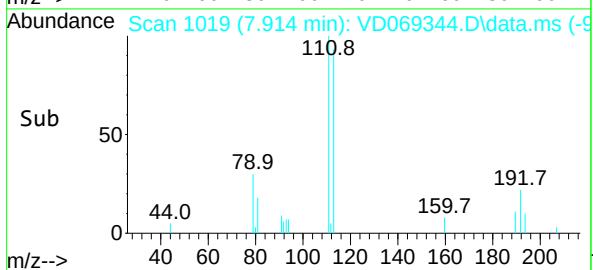
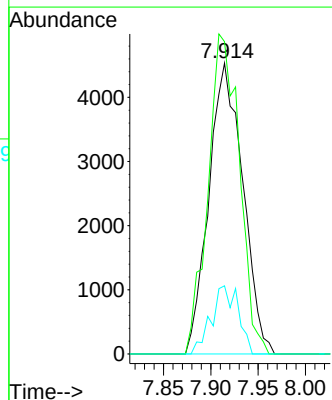
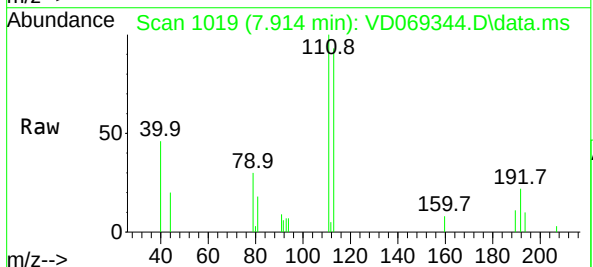
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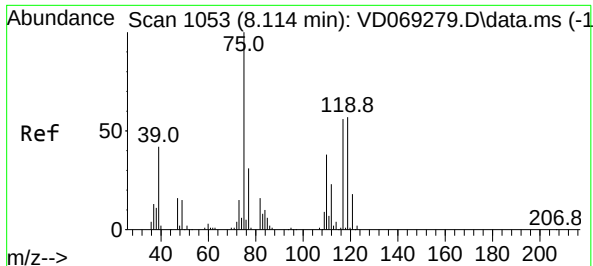
Tgt Ion:	114	Resp:	33913
Ion Ratio	Lower	Upper	
114	100		
63	17.6	0.0	35.6
88	11.3	0.0	31.2



#35
Dibromofluoromethane
Concen: 53.070 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion:	113	Resp:	11302
Ion Ratio	Lower	Upper	
113	100		
111	101.6	83.0	124.6
192	18.6	15.1	22.7

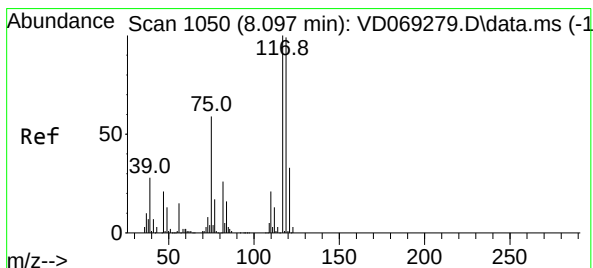
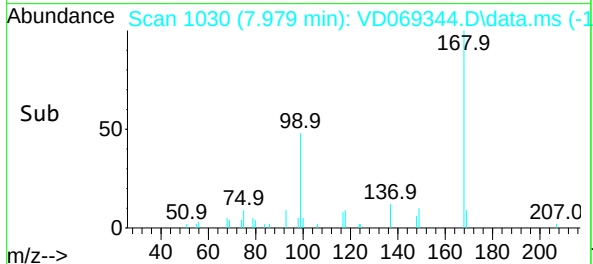
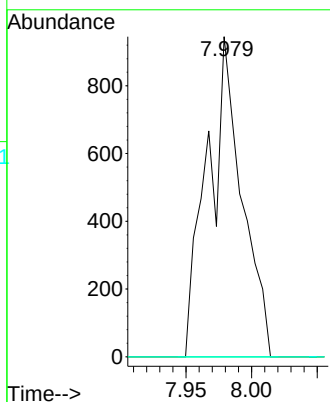
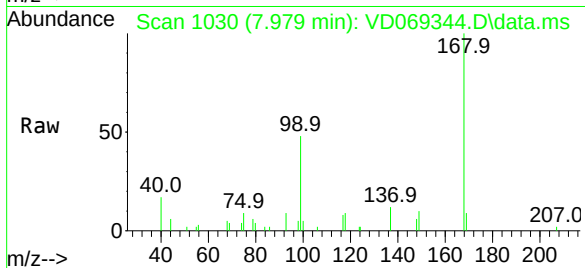




#36
1,1-Dichloropropene
Concen: 5.227 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

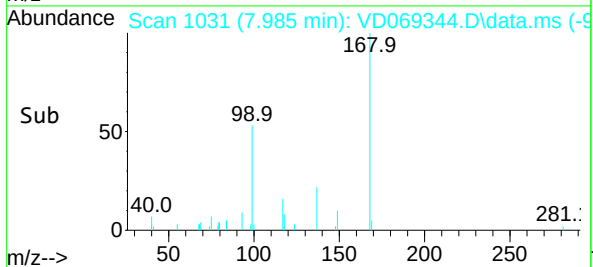
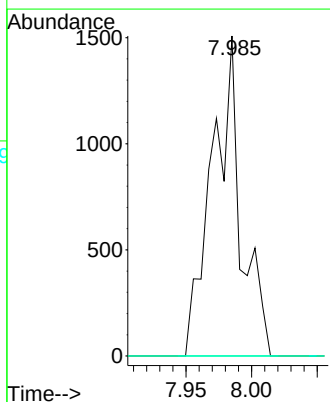
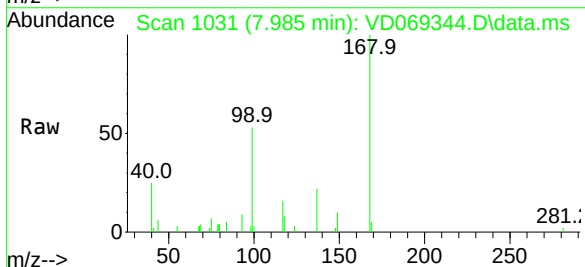
Instrument :
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EO-02-060221RE

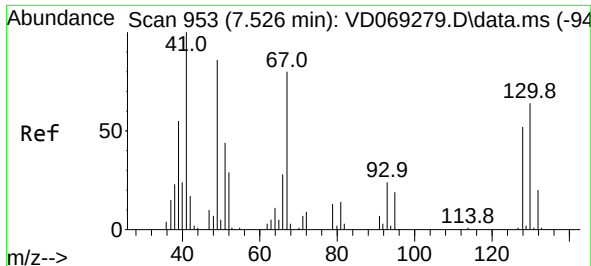
Tgt Ion: 75 Resp: 1723
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.533 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion: 117 Resp: 2325
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

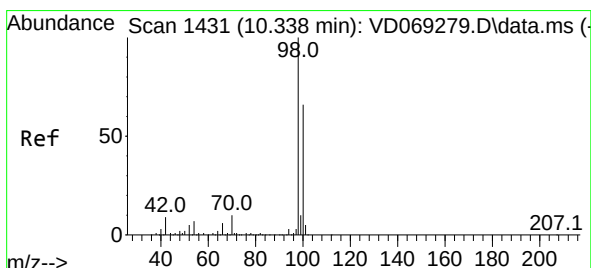
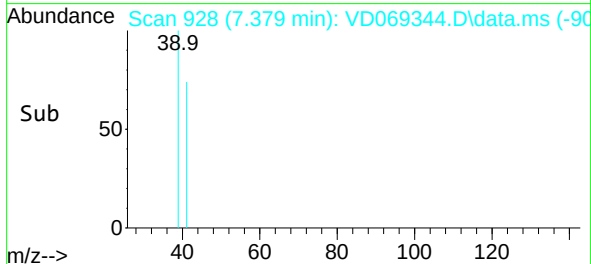
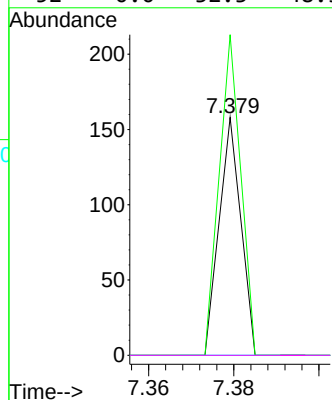
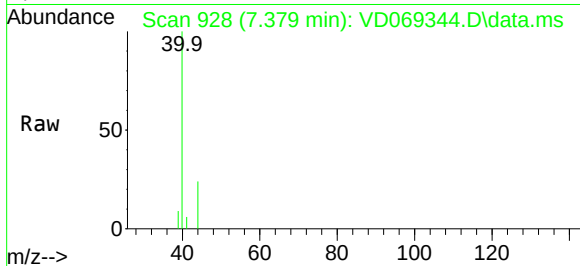




#41
Methacrylonitrile
Concen: 1.031 ug/l
RT: 7.379 min Scan# 928
Delta R.T. -0.147 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

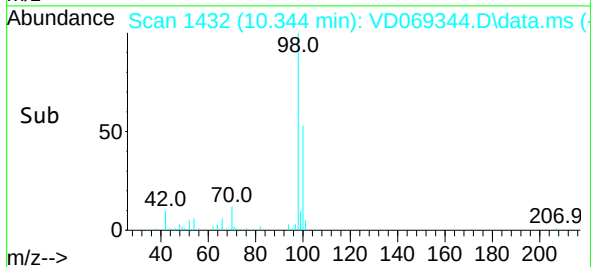
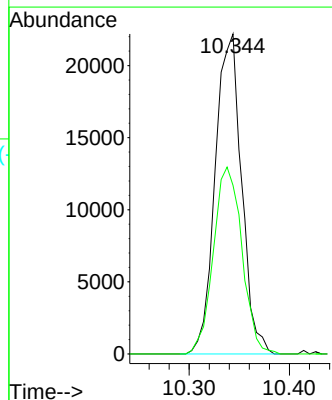
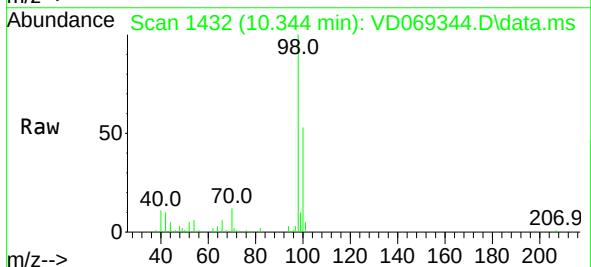
Instrument :
MSVOA_D
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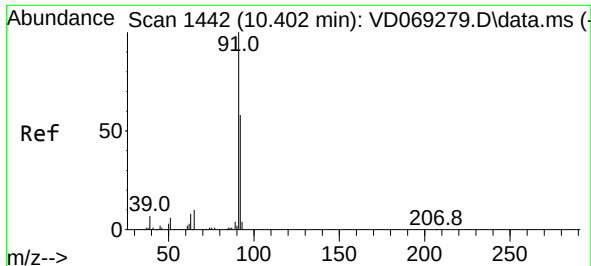
Tgt Ion: 41	Resp: 56
Ion Ratio	Lower Upper
41 100	
39 133.9	50.6 76.0#
67 0.0	86.2 129.4#
52 0.0	32.3 48.5#



#50
Toluene-d8
Concen: 52.301 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion: 98	Resp: 40503
Ion Ratio	Lower Upper
98 100	
100 63.4	52.1 78.1

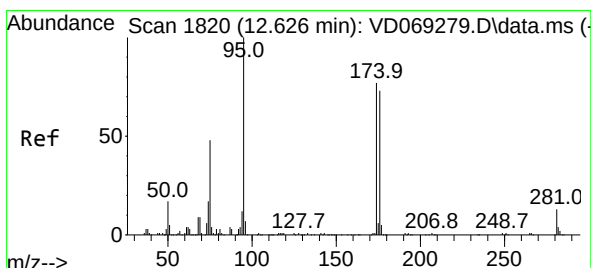
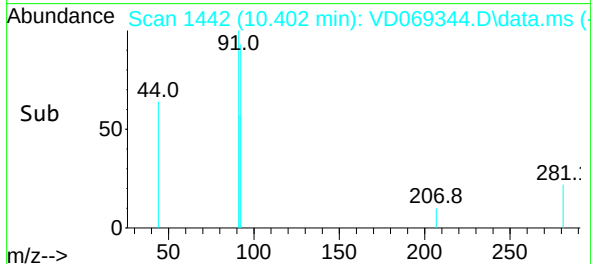
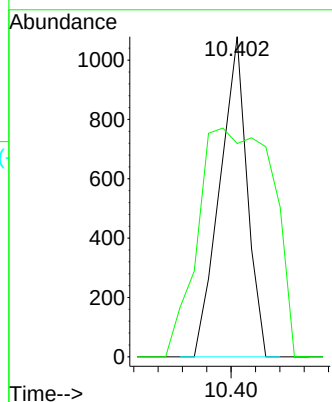
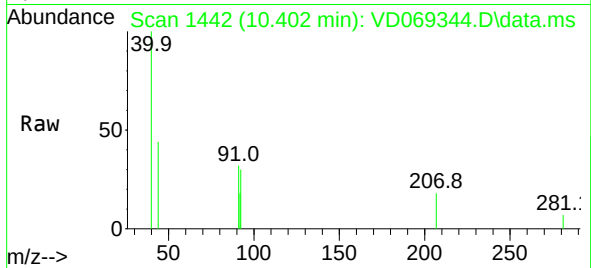




#52
Toluene
Concen: 1.388 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

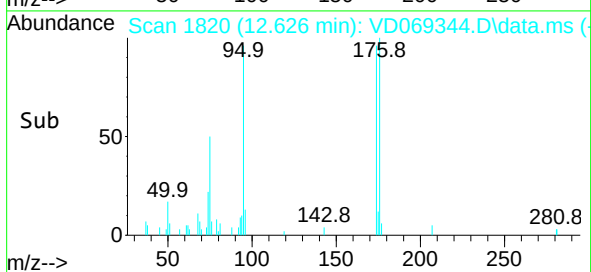
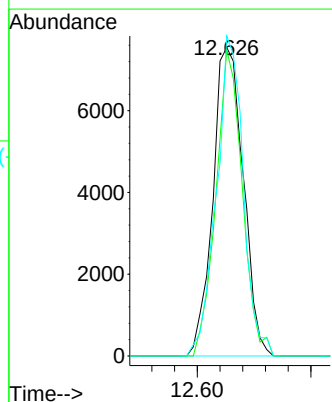
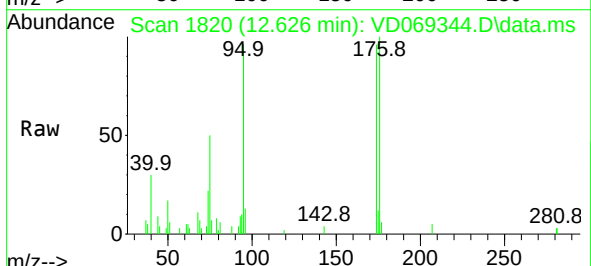
Instrument :
MSVOA_D
ClientSampleId :
EO-02-060221RE

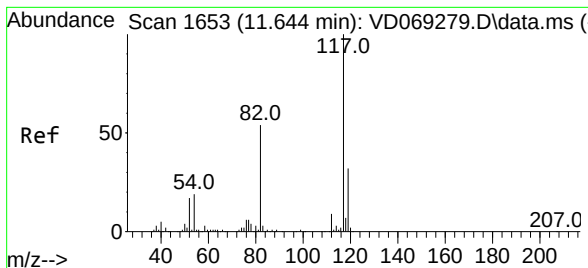
Tgt Ion: 92 Resp: 839
Ion Ratio Lower Upper
92 100
91 195.5 138.4 207.6



#62
4-Bromofluorobenzene
Concen: 55.222 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion: 95 Resp: 14013
Ion Ratio Lower Upper
95 100
174 86.3 0.0 162.8
176 91.7 0.0 154.4

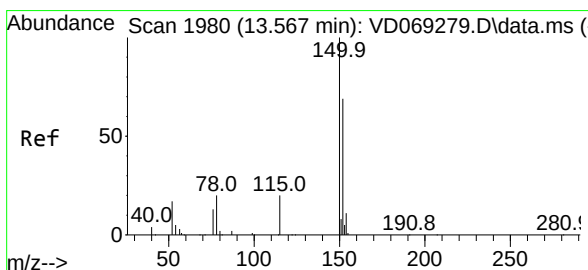
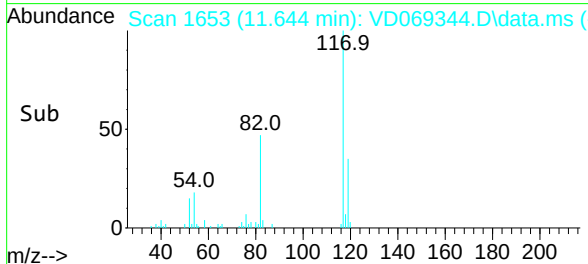
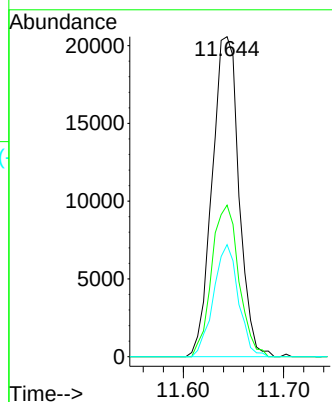
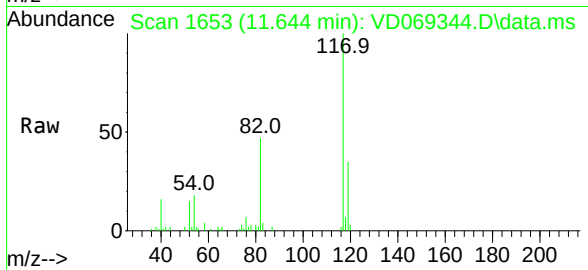




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

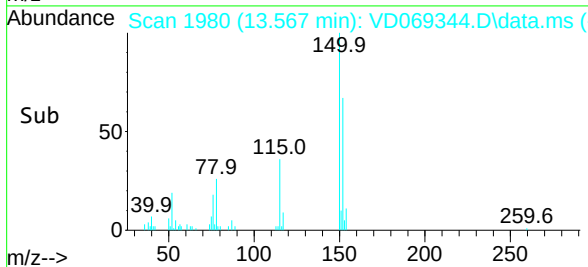
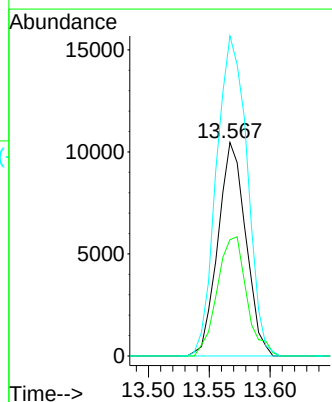
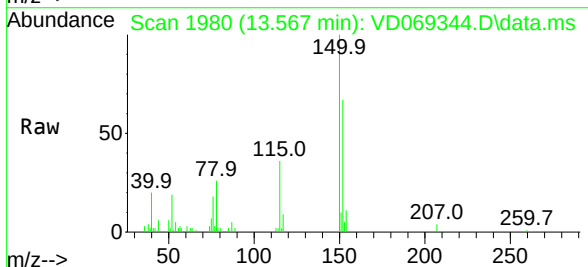
Instrument :
MSVOA_D
ClientSampleId :
EO-02-060221RE

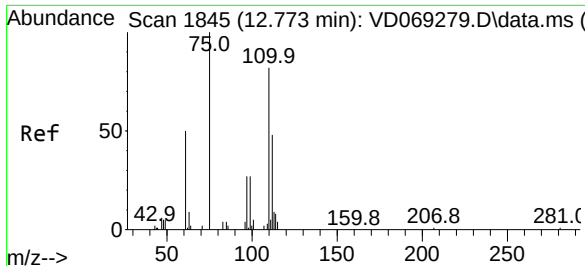
Tgt Ion:117 Resp: 38141
Ion Ratio Lower Upper
117 100
82 47.4 43.3 64.9
119 35.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Tgt Ion:152 Resp: 16664
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 165.0 0.0 355.0

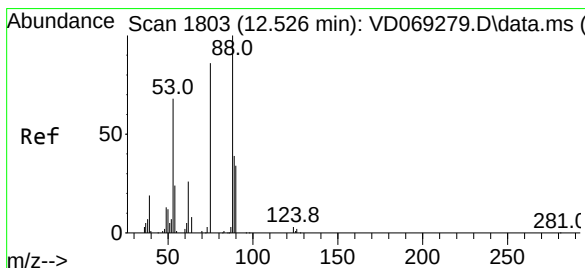
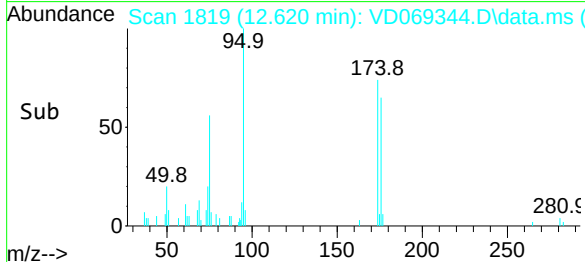
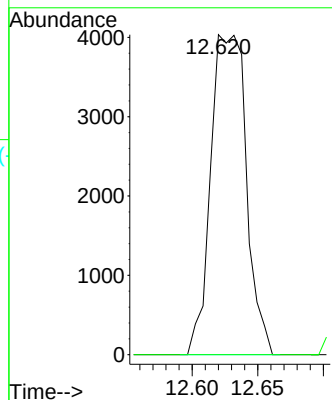
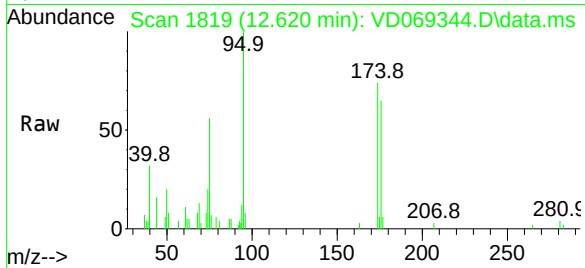




#76
1,2,3-Trichloropropane
Concen: 52.645 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

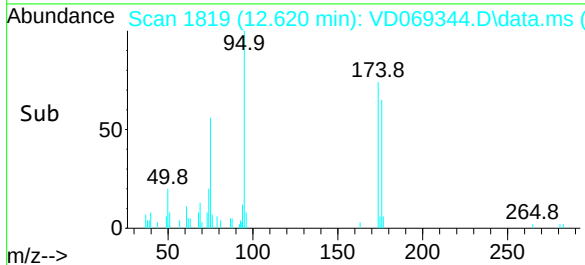
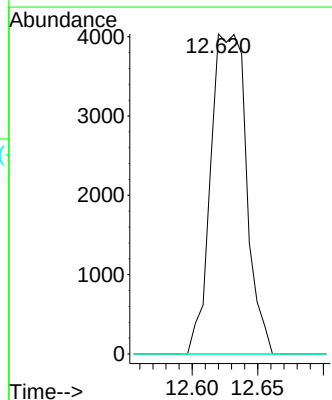
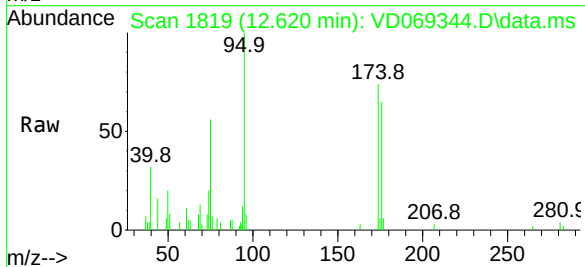
Instrument :
MSVOA_D
ClientSampleId :
EO-02-060221RE

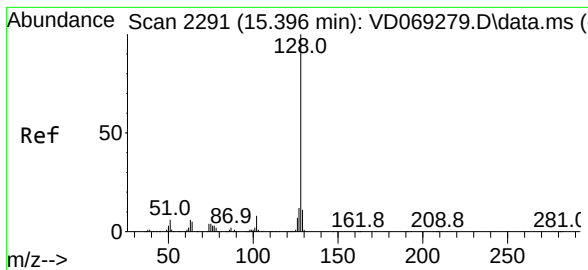
Tgt Ion: 75 Resp: 7622
Ion Ratio Lower Upper
75 100
77 0.0 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.661 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.094 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

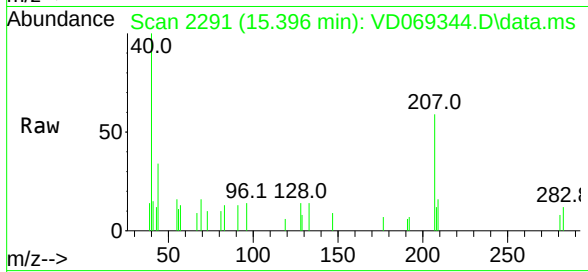
Tgt Ion: 75 Resp: 7622
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.826 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069344.D
Acq: 04 Jun 2021 14:26

Instrument :
MSVOA_D
ClientSampleId :
EO-02-060221RE



Tgt Ion:128 Resp: 319
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 21.9 8.8 13.2#

