

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069261.D
 Acq On : 24 May 2021 17:45
 Operator : VA/SY
 Sample : M2486-01RE
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052121RE

Quant Time: May 25 00:57:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

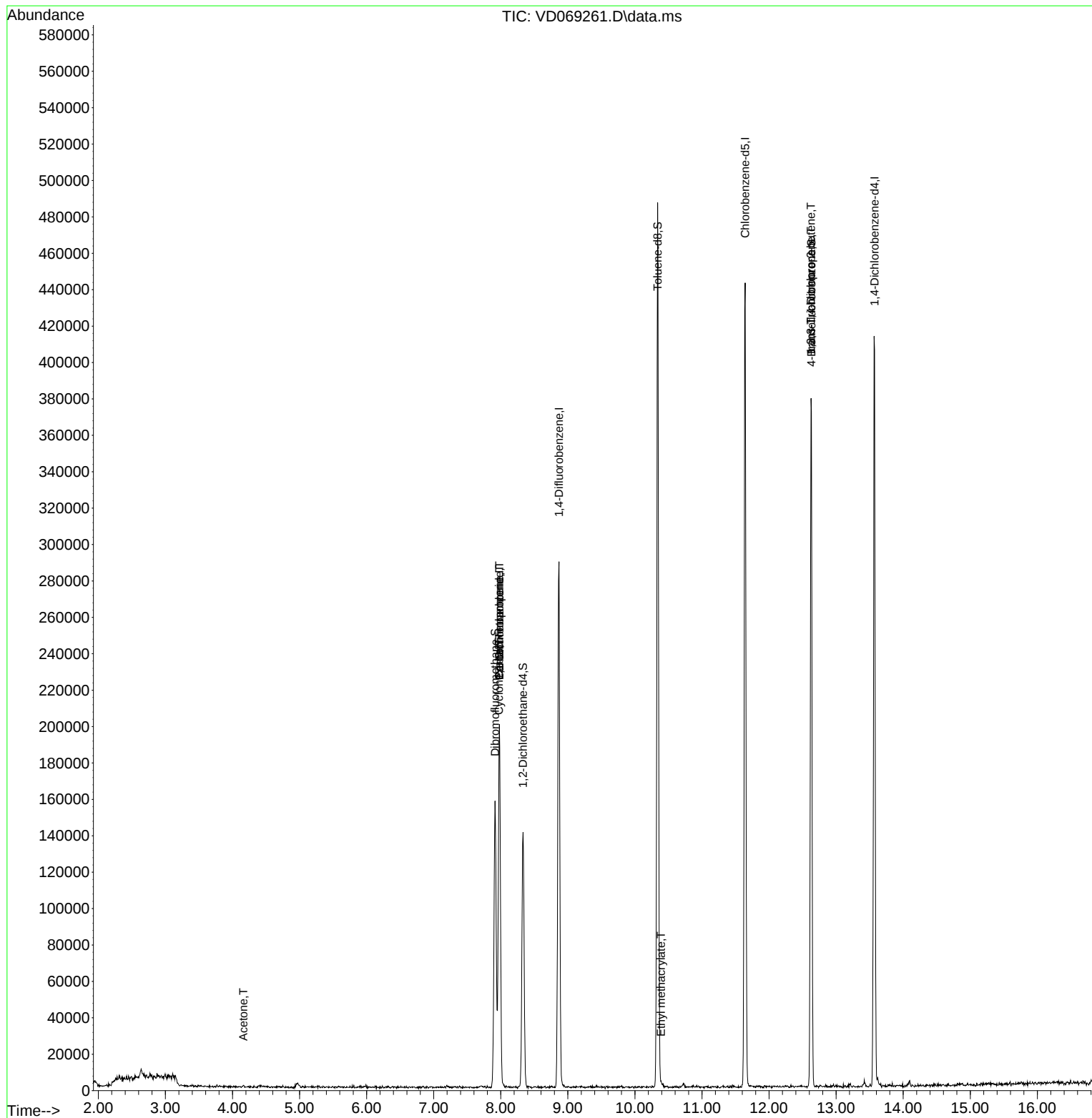
Internal Standards						
1) Pentafluorobenzene	7.979	168	145521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	252525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	259477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	112367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	115332	79.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.12%			
35) Dibromofluoromethane	7.914	113	109728	66.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 133.54%			
50) Toluene-d8	10.338	98	328406	54.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.78%			
62) 4-Bromofluorobenzene	12.632	95	100435	51.69	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.38%			
Target Compounds						
11) Tert butyl alcohol	5.232	59	83	Below Cal	#	73
16) Acetone	4.162	43	726	3.25	ug/l #	41
20) Methylene Chloride	4.956	84	653	Below Cal	#	32
31) Cyclohexane	7.973	56	3184	1.47	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	12365	5.04	ug/l #	50
38) Carbon Tetrachloride	7.979	117	14960	5.45	ug/l #	19
56) Ethyl methacrylate	10.391	69	68	1.36	ug/l #	22
76) 1,2,3-Trichloropropane	12.626	75	54259	64.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	54259	129.75	ug/l #	14

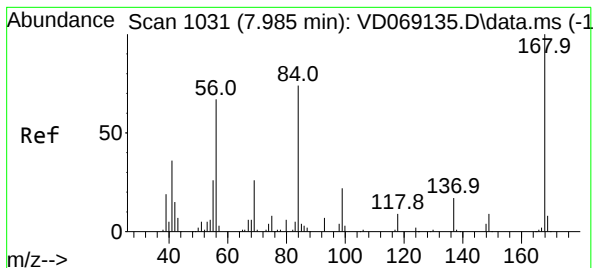
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
Data File : VD069261.D
Acq On : 24 May 2021 17:45
Operator : VA/SY
Sample : M2486-01RE
Misc : 5.54G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

Quant Time: May 25 00:57:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

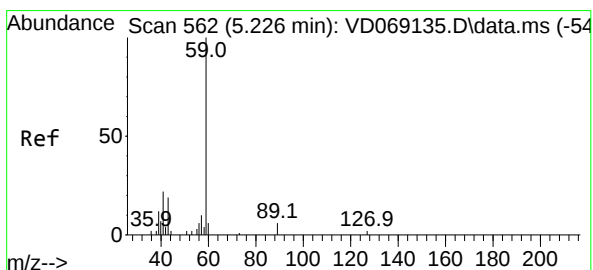
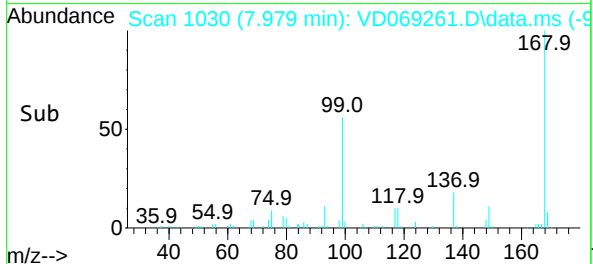
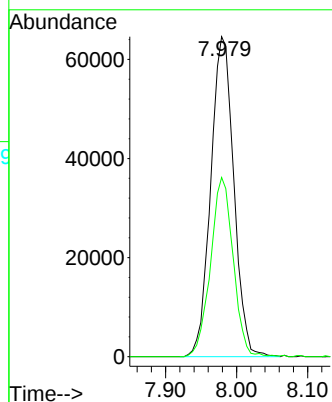
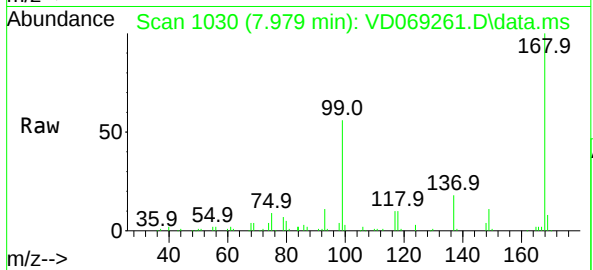




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

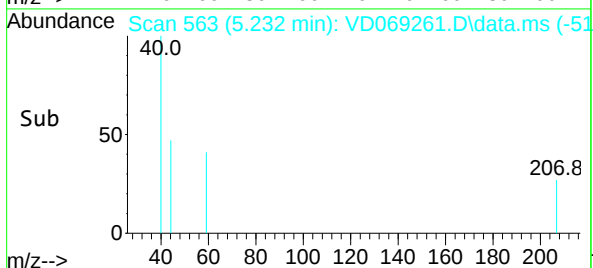
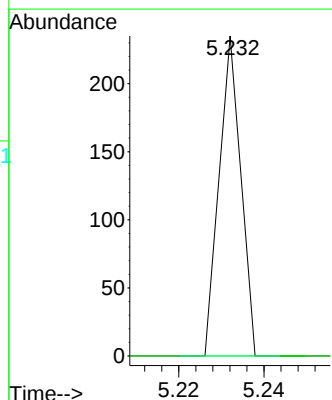
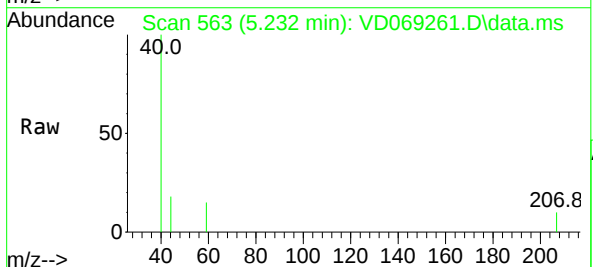
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

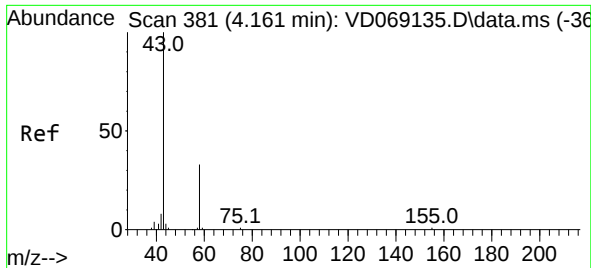
Tgt Ion:168 Resp: 145521
Ion Ratio Lower Upper
168 100
99 56.0 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

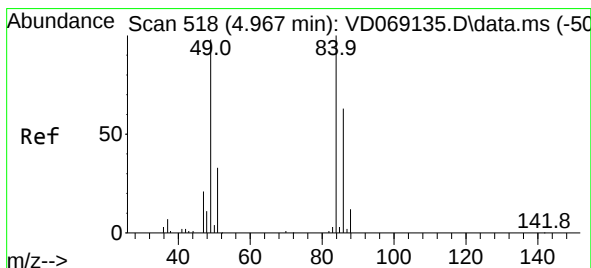
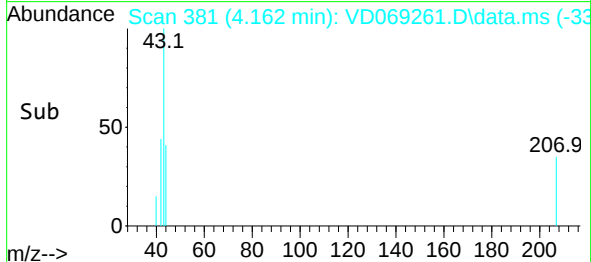
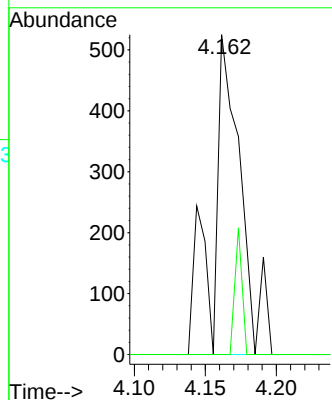
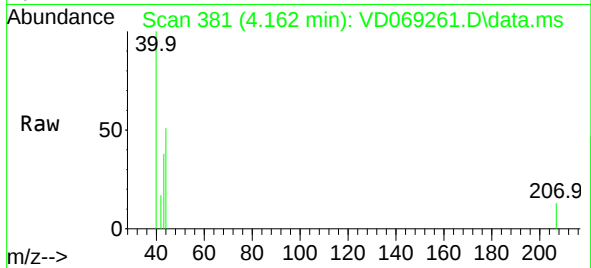




#16
Acetone
Concen: 3.25 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

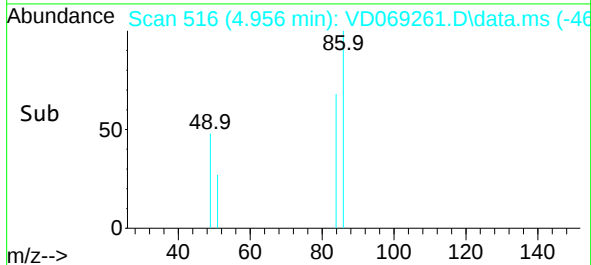
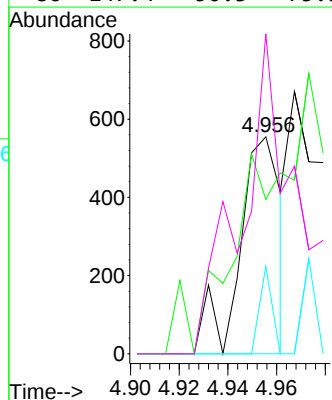
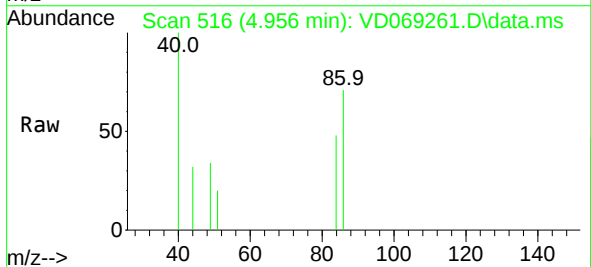
Instrument :
MSVOA_D
ClientSampleID :
OR-03-052121RE

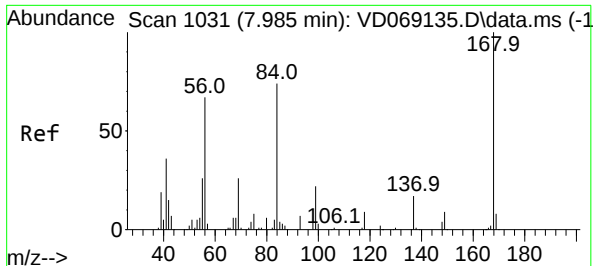
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion: 84 Resp: 653
Ion Ratio Lower Upper
84 100
49 37.3 78.6 117.8#
51 40.4 26.7 40.1#
86 147.4 50.3 75.5#

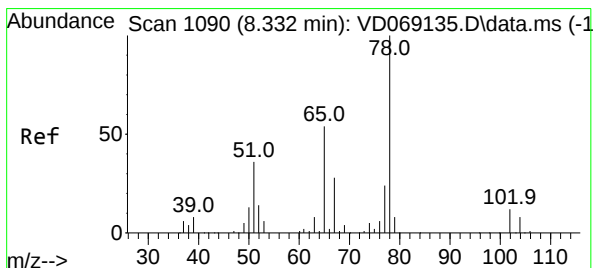
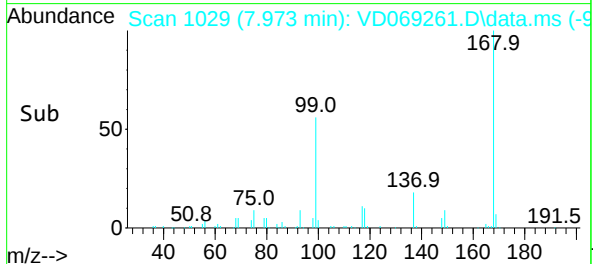
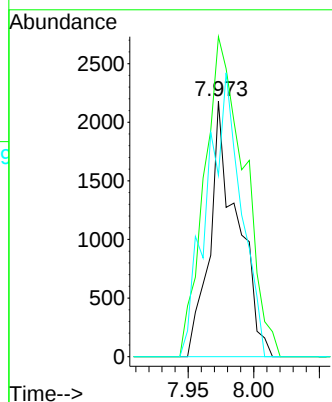
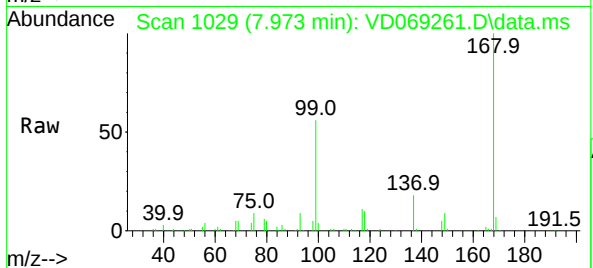




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

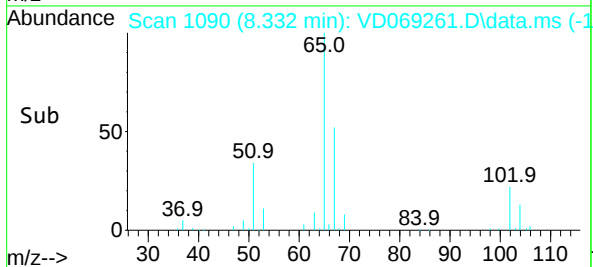
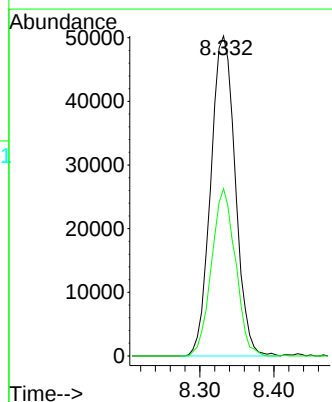
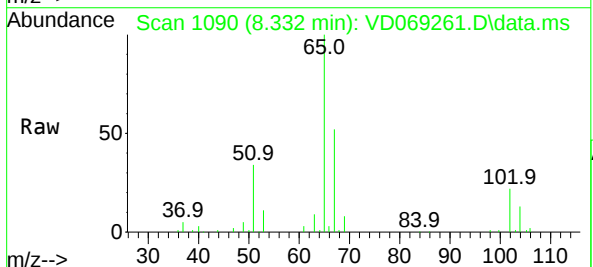
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

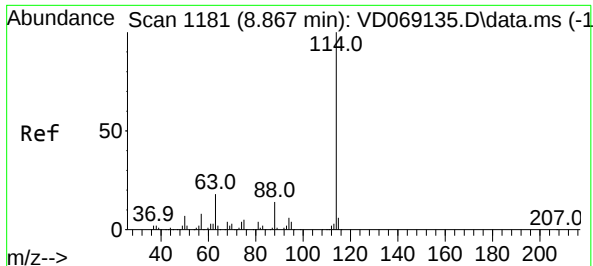
Tgt Ion: 56 Resp: 3184
Ion Ratio Lower Upper
56 100
69 125.2 30.6 46.0#
84 71.0 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 79.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

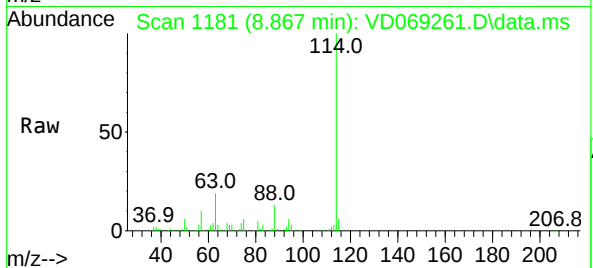
Tgt Ion: 65 Resp: 115332
Ion Ratio Lower Upper
65 100
67 51.0 0.0 108.0



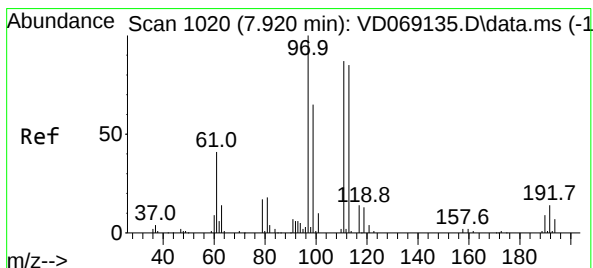
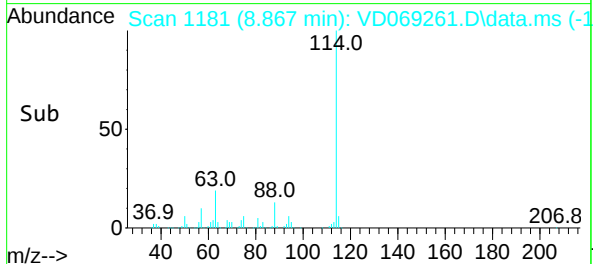
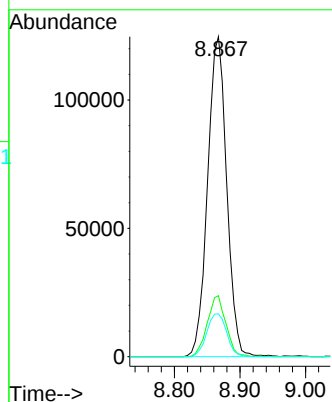


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

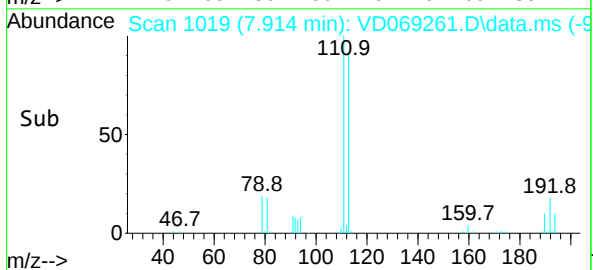
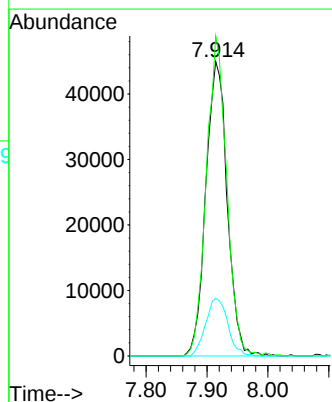
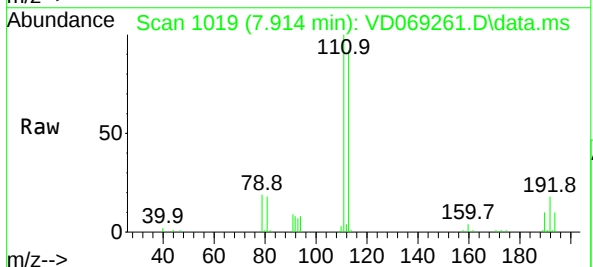


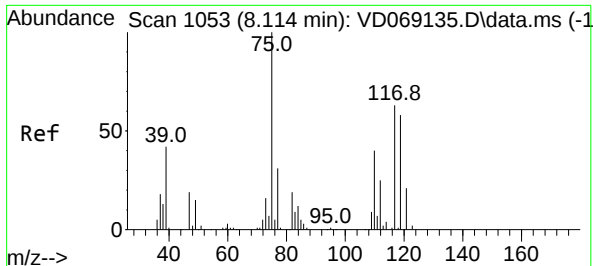
Tgt Ion:114 Resp: 252525
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 13.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 66.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

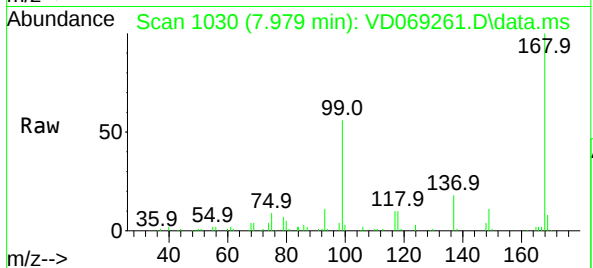
Tgt Ion:113 Resp: 109728
Ion Ratio Lower Upper
113 100
111 103.5 80.6 120.8
192 20.2 14.8 22.2



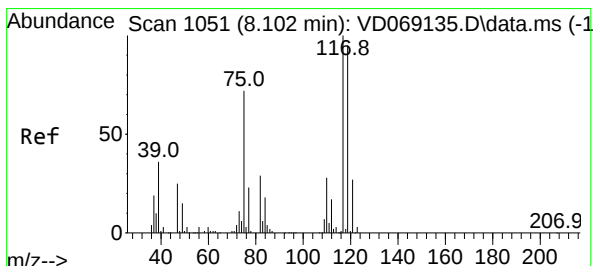
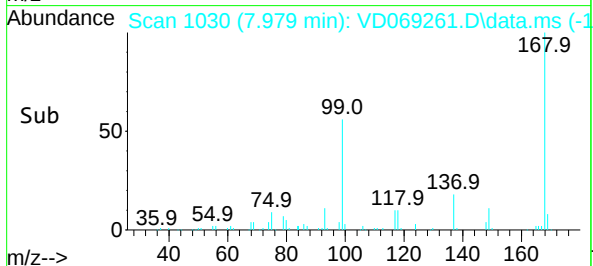
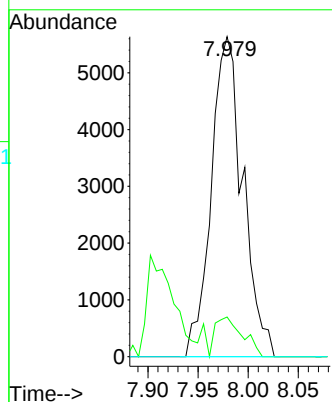


#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

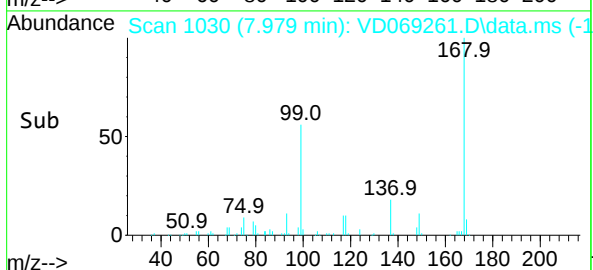
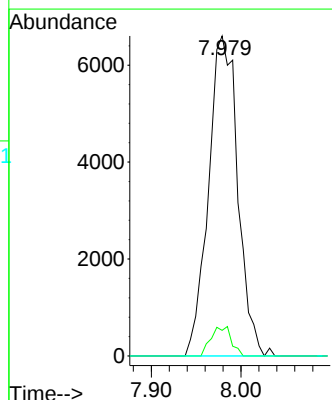
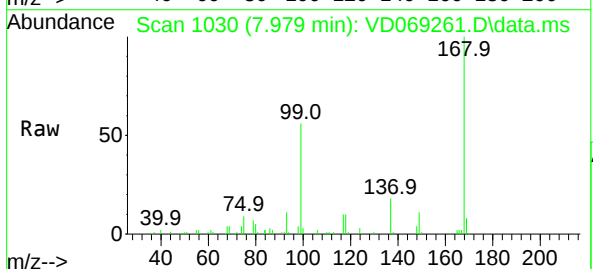


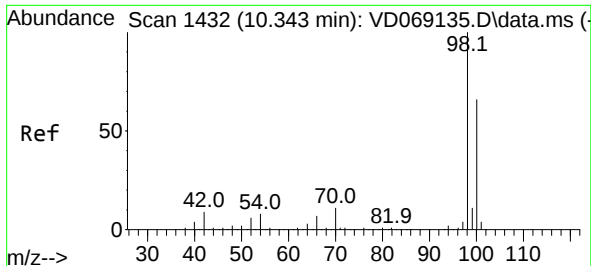
Tgt Ion: 75 Resp: 12365
Ion Ratio Lower Upper
75 100
110 10.7 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion: 117 Resp: 14960
Ion Ratio Lower Upper
117 100
119 8.0 76.2 114.2#
121 0.0 21.9 32.9#

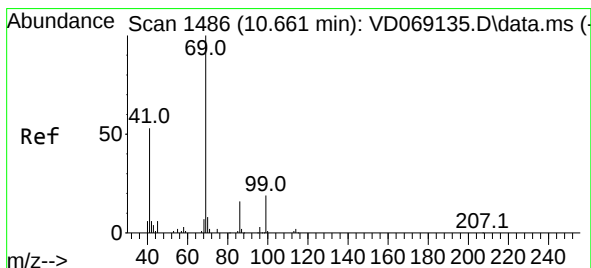
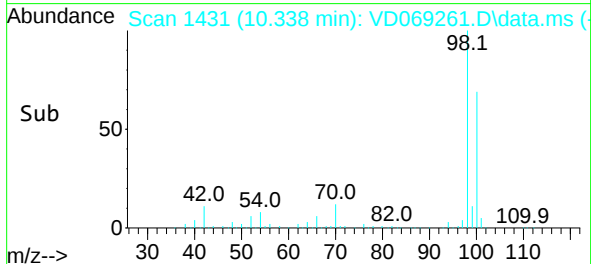
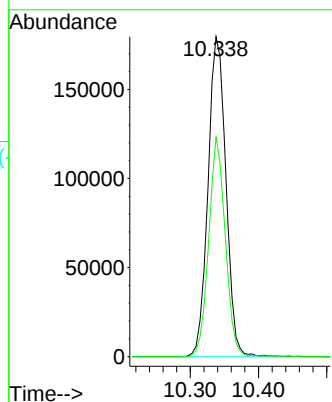
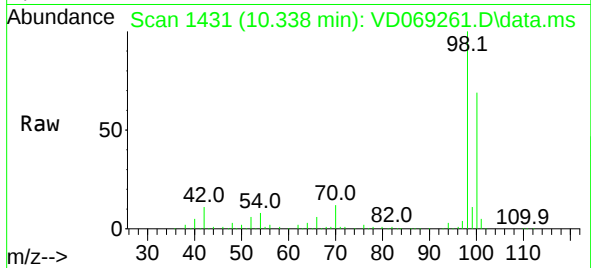




#50
Toluene-d8
Concen: 54.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

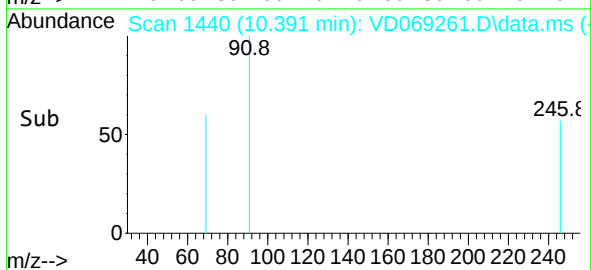
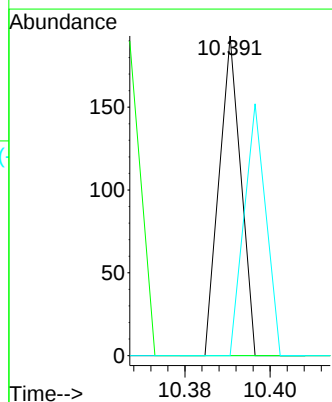
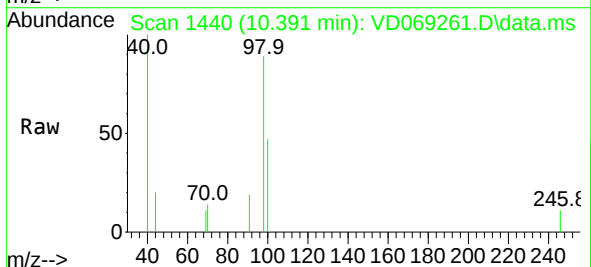
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

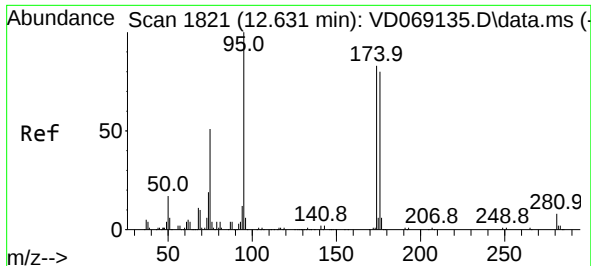
Tgt Ion: 98 Resp: 328406
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.36 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.270 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion: 69 Resp: 68
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 79.4 26.3 39.5#

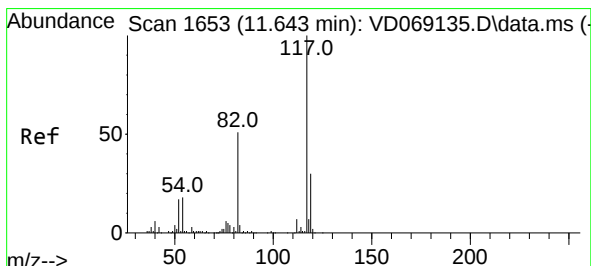
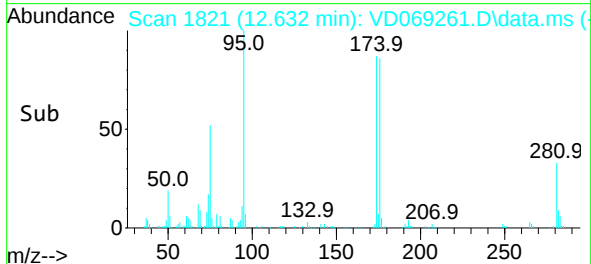
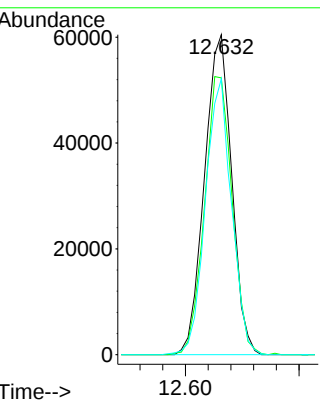
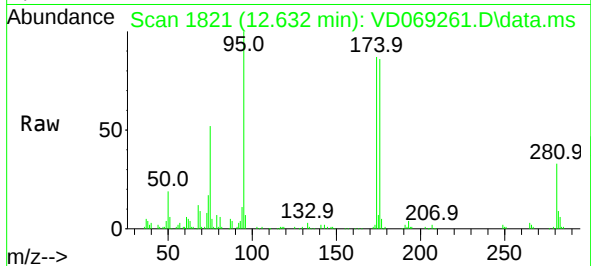




#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

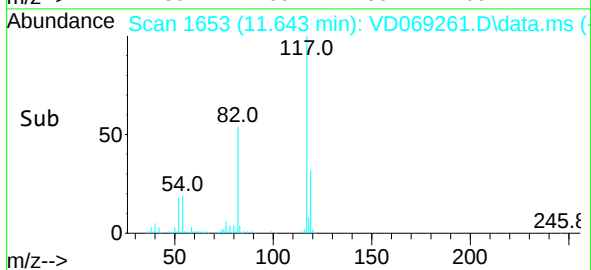
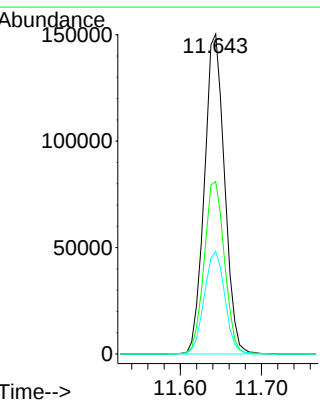
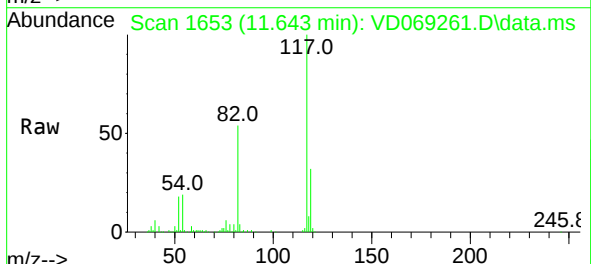
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

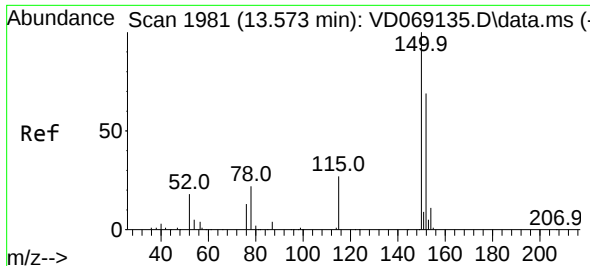
Tgt Ion: 95 Resp: 100435
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.8
176 82.8 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion: 117 Resp: 259477
Ion Ratio Lower Upper
117 100
82 53.9 40.5 60.7
119 32.1 24.2 36.4

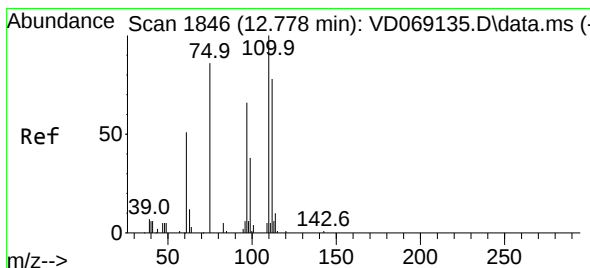
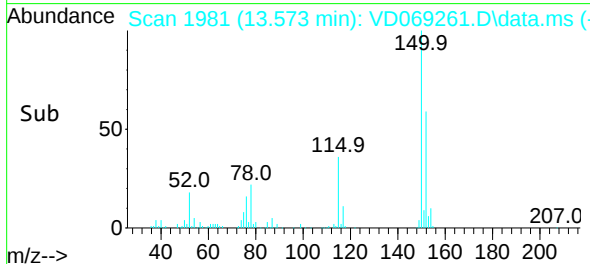
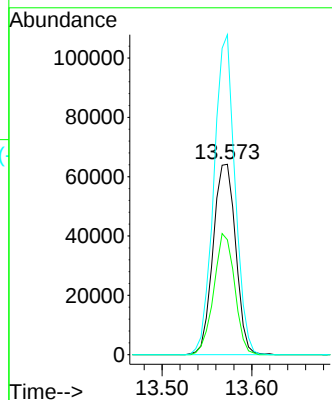
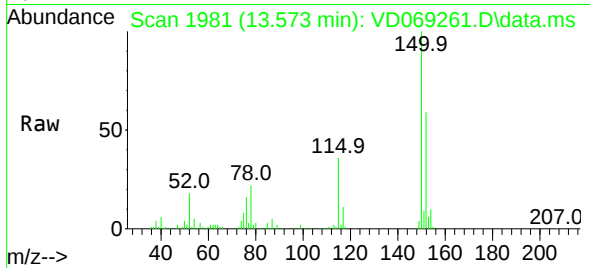




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

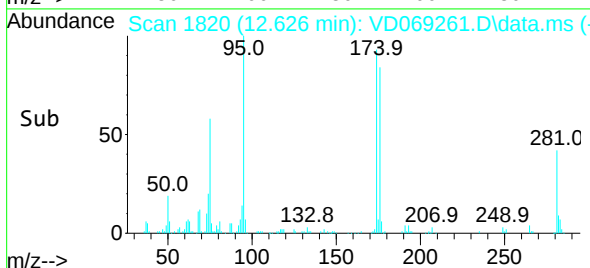
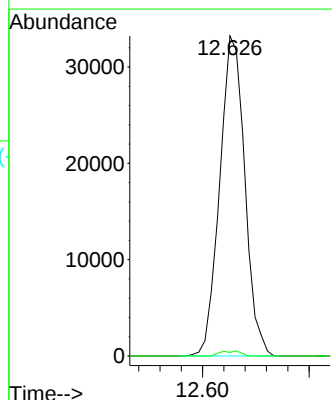
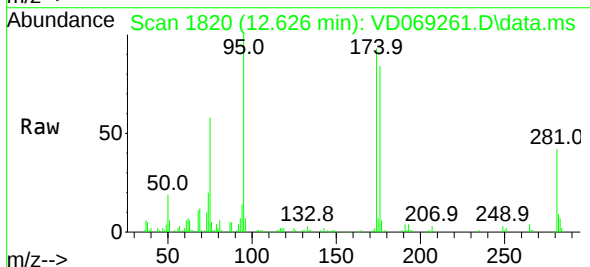
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121RE

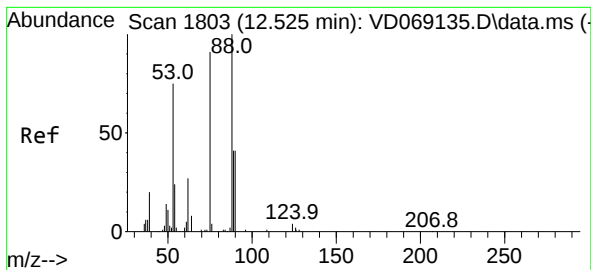
Tgt Ion:152 Resp: 112367
Ion Ratio Lower Upper
152 100
115 58.9 29.9 89.8
150 157.0 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 64.24 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069261.D
Acq: 24 May 2021 17:45

Tgt Ion: 75 Resp: 54259
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.75 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069261.D
 Acq: 24 May 2021 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052121RE

Tgt Ion: 75 Resp: 54259
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.0 105.0#
 89 0.7 40.2 60.2#

