

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
 Data File : VD069272.D
 Acq On : 25 May 2021 14:25
 Operator : VA/SY
 Sample : M2503-01
 Misc : 6.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-052421

Quant Time: May 26 01:05:51 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)

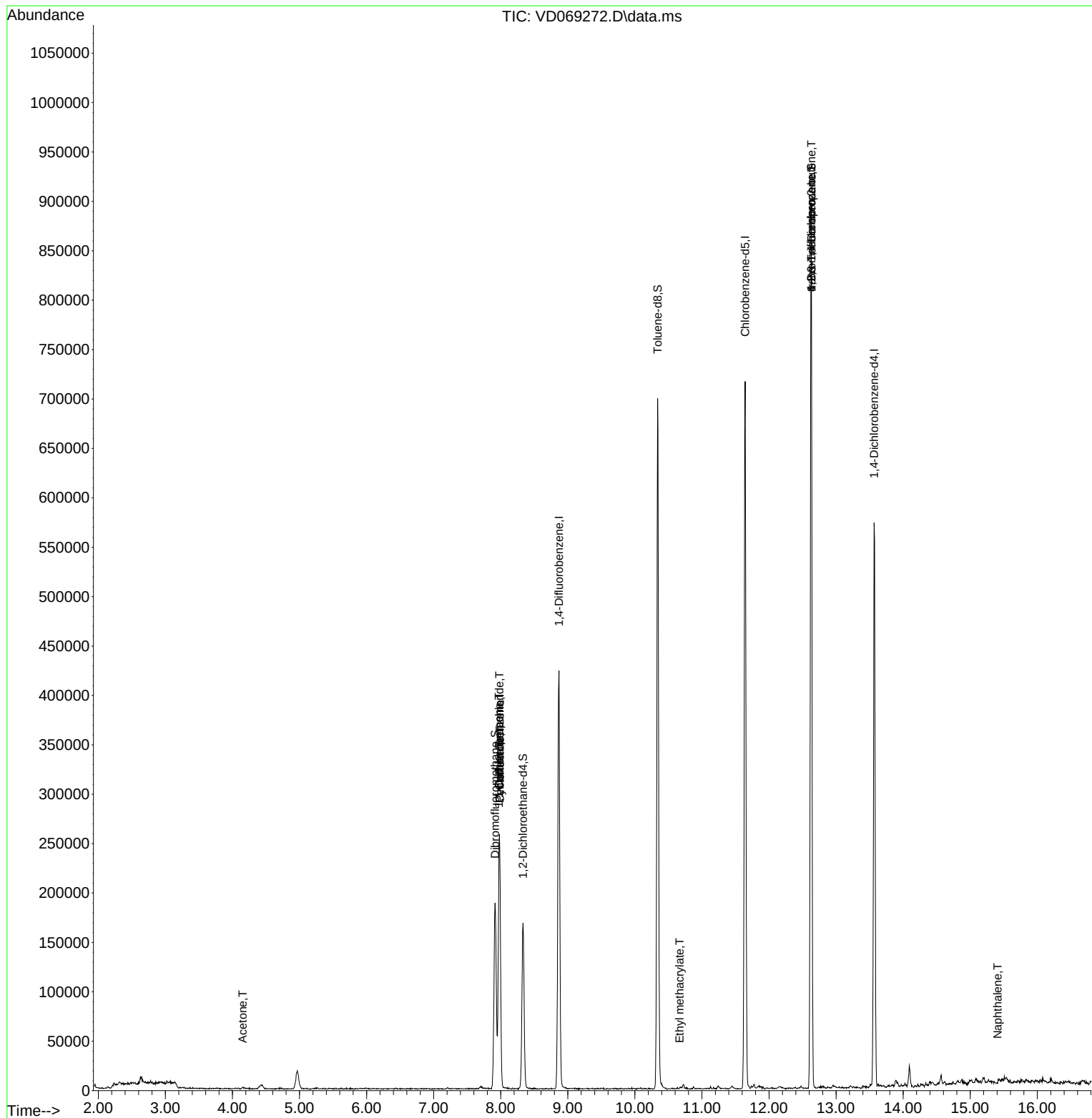
Internal Standards						
1) Pentafluorobenzene	7.985	168	187470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	365976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	424360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	152815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133912	71.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.50%			
35) Dibromofluoromethane	7.914	113	135562	56.92	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.84%			
50) Toluene-d8	10.338	98	472555	54.00	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.00%			
62) 4-Bromofluorobenzene	12.632	95	172999	61.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.88%			
Target Compounds						
11) Tert butyl alcohol	5.215	59	118	Below Cal	#	73
16) Acetone	4.150	43	1485	5.16	ug/l #	82
20) Methylene Chloride	4.956	84	15259	Below Cal		97
31) Cyclohexane	7.985	56	5210	1.87	ug/l #	21
36) 1,1-Dichloropropene	7.973	75	15781	4.44	ug/l #	45
38) Carbon Tetrachloride	7.979	117	20023	5.03	ug/l #	18
56) Ethyl methacrylate	10.667	69	71	1.35	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	93240	81.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	93240	163.96	ug/l #	14
95) Naphthalene	15.408	128	679	2.18	ug/l #	78

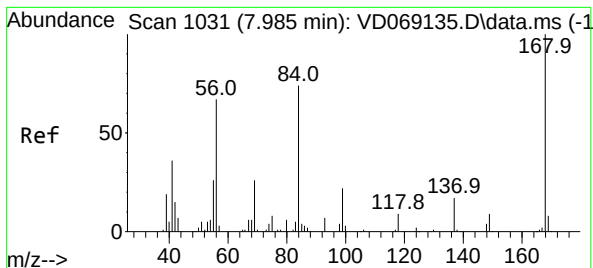
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
Data File : VD069272.D
Acq On : 25 May 2021 14:25
Operator : VA/SY
Sample : M2503-01
Misc : 6.13G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

Quant Time: May 26 01:05:51 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

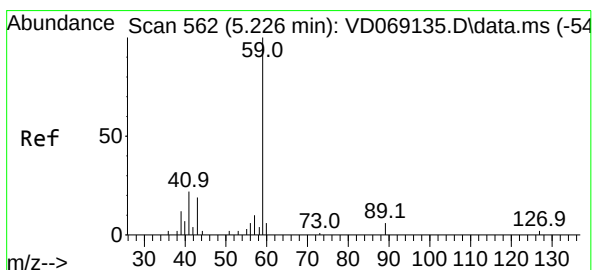
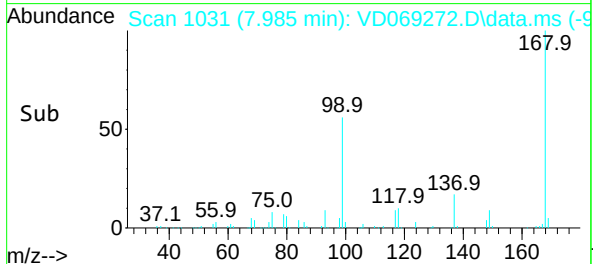
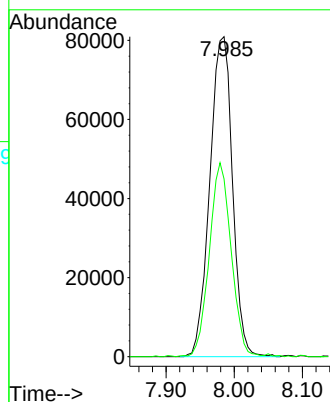
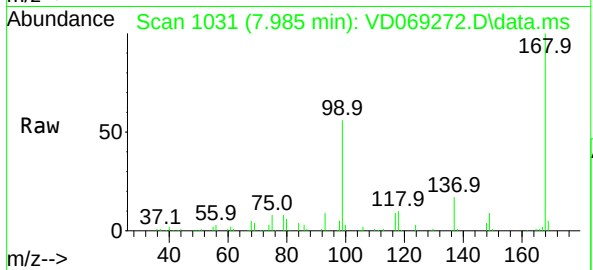




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

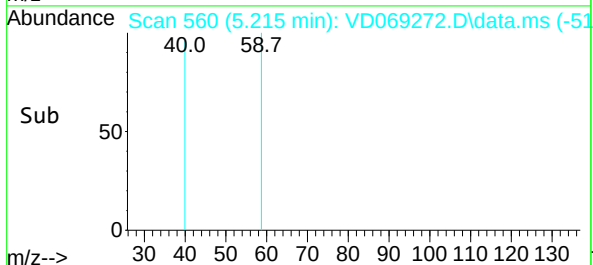
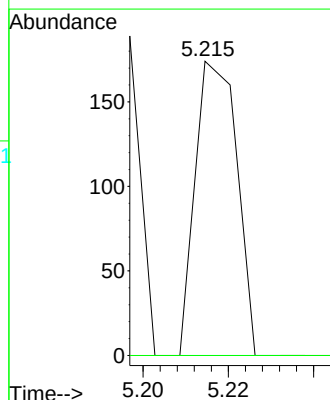
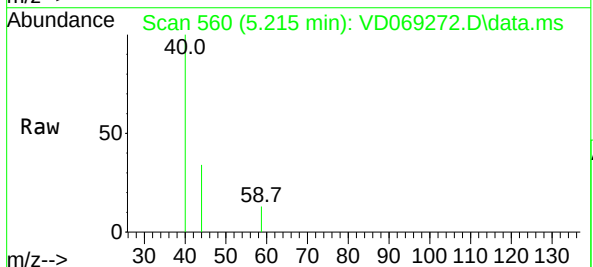
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

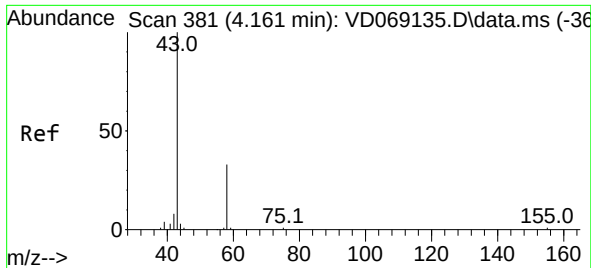
Tgt Ion:168 Resp: 187470
Ion Ratio Lower Upper
168 100
99 55.3 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

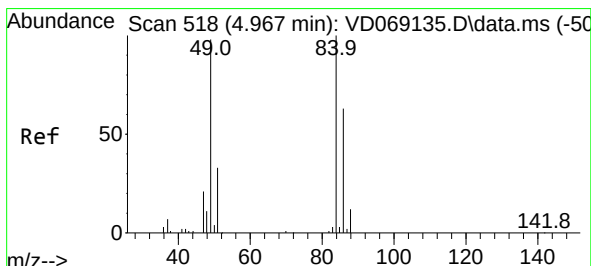
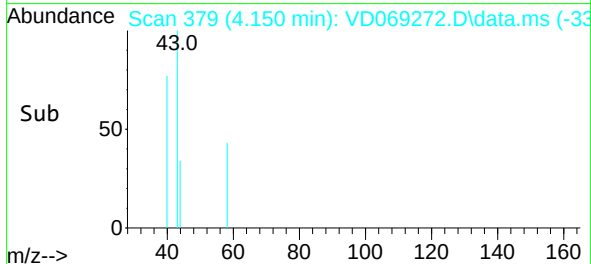
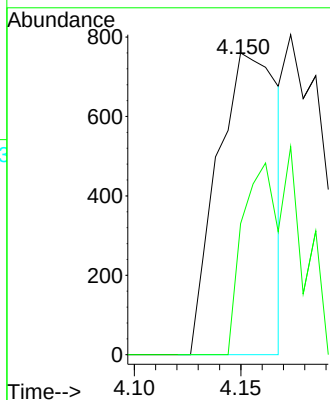
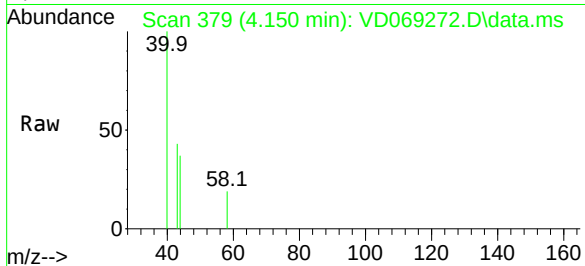




#16
Acetone
Concen: 5.16 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

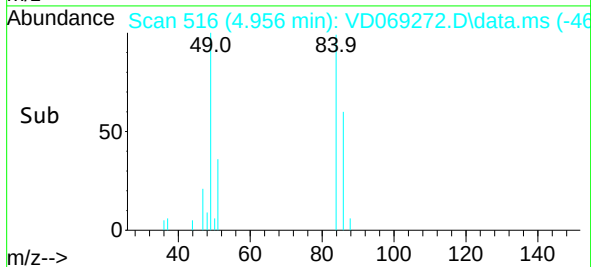
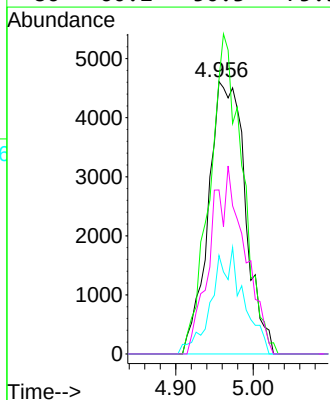
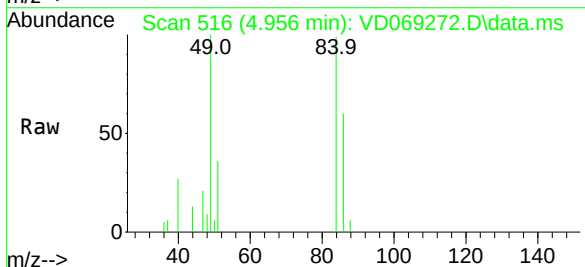
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

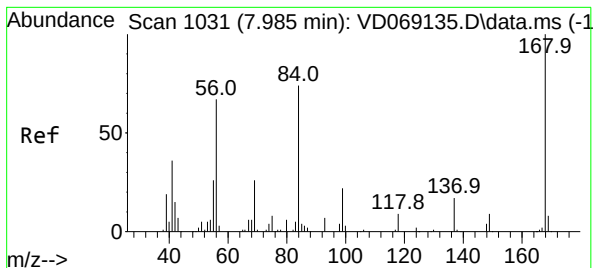
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
58 43.4 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion: 84 Resp: 15259
Ion Ratio Lower Upper
84 100
49 100.7 78.6 117.8
51 36.1 26.7 40.1
86 60.2 50.3 75.5

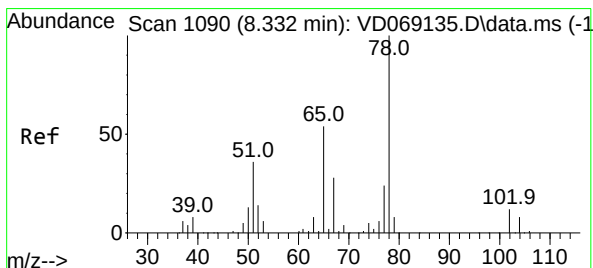
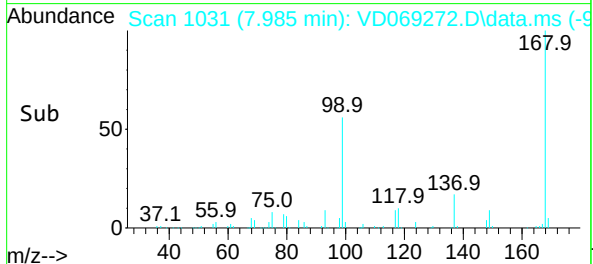
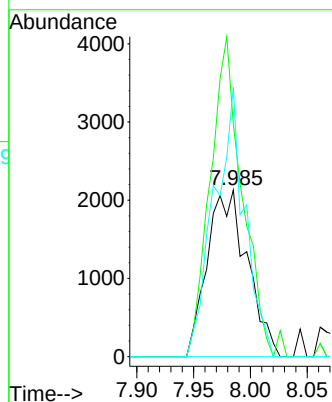
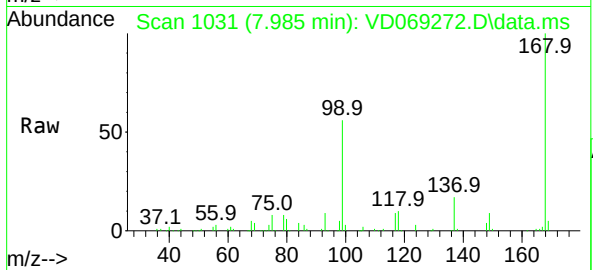




#31
Cyclohexane
Concen: 1.87 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

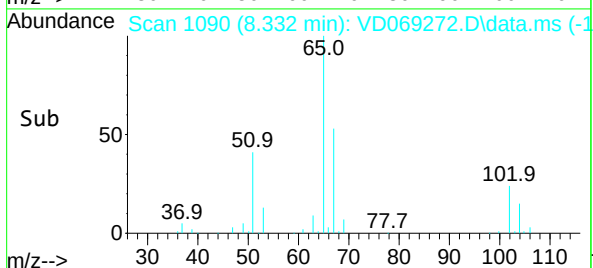
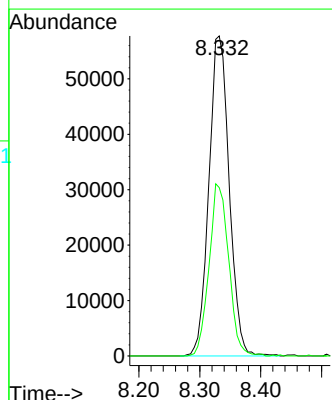
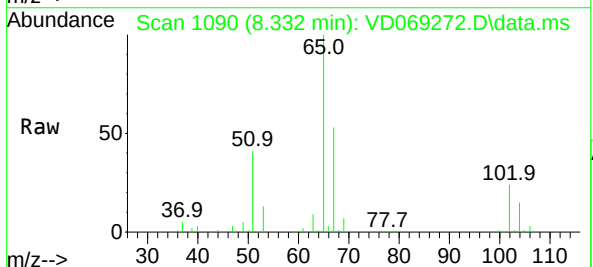
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

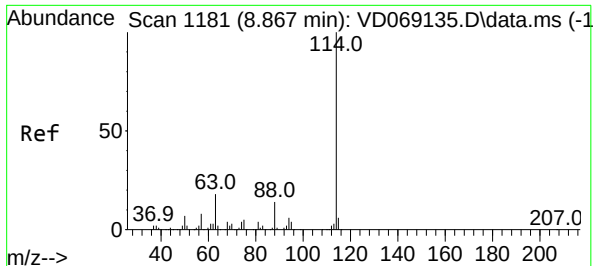
Tgt Ion: 56 Resp: 5210
Ion Ratio Lower Upper
56 100
69 139.5 30.6 46.0#
84 161.5 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 71.25 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion: 65 Resp: 133912
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.0

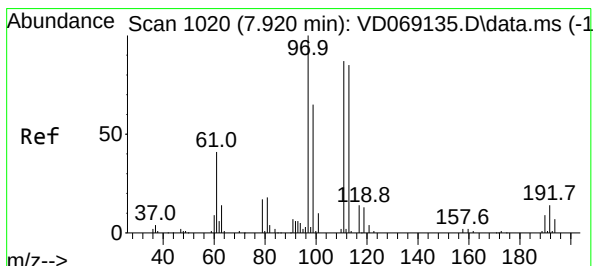
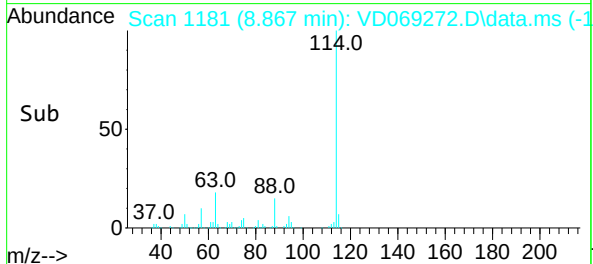
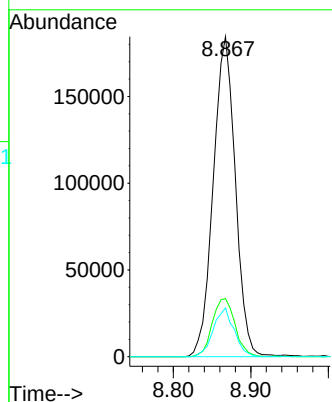
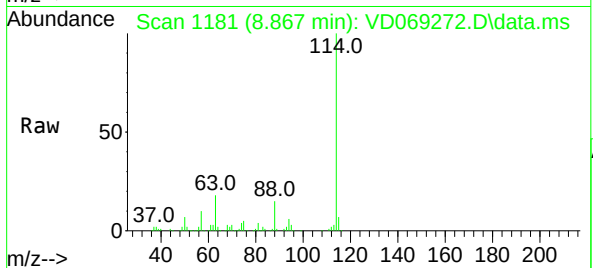




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

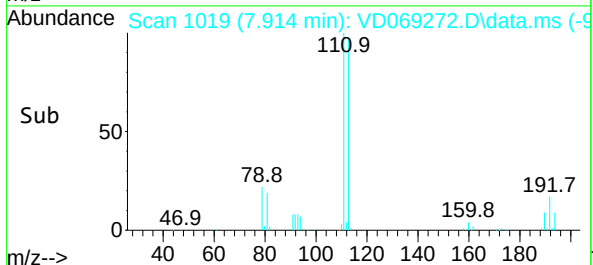
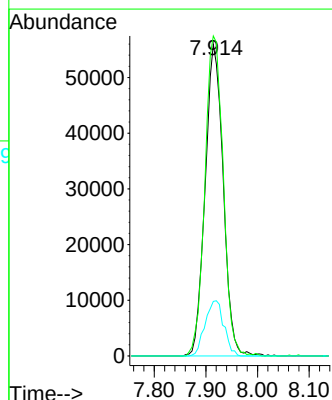
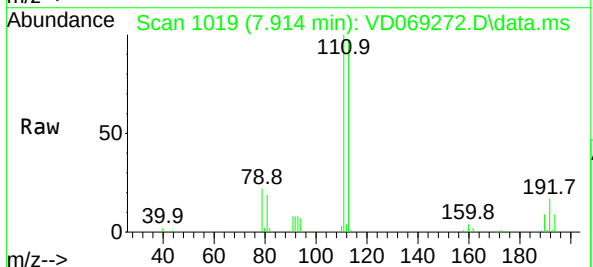
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

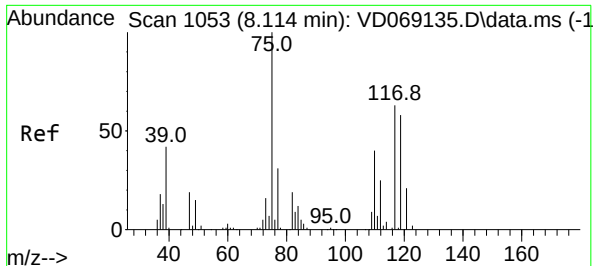
Tgt Ion:114 Resp: 365976
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 15.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 56.92 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

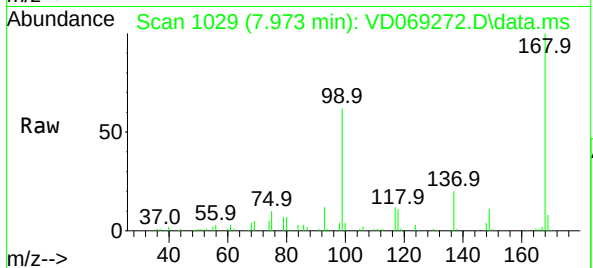
Tgt Ion:113 Resp: 135562
Ion Ratio Lower Upper
113 100
111 104.3 80.6 120.8
192 18.5 14.8 22.2



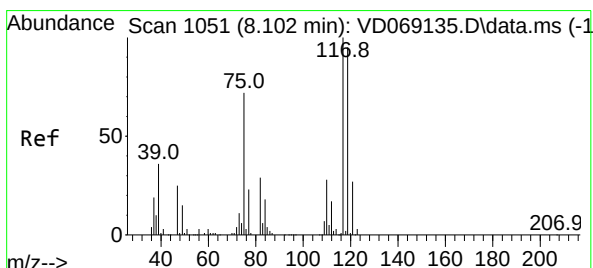
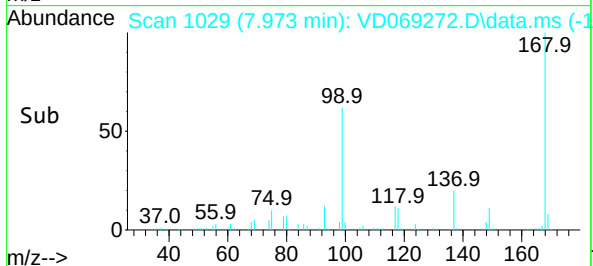
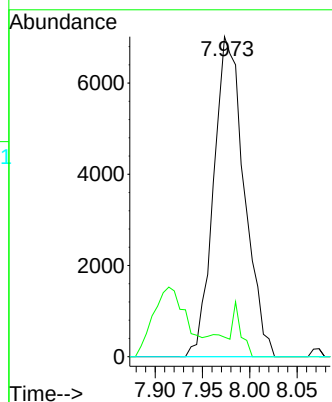


#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

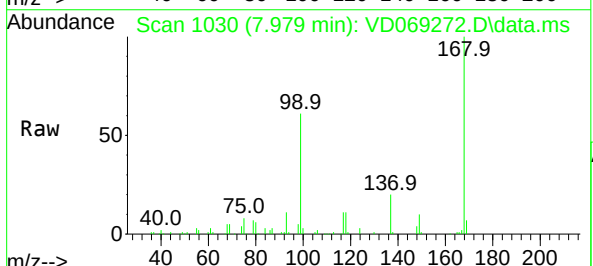
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421



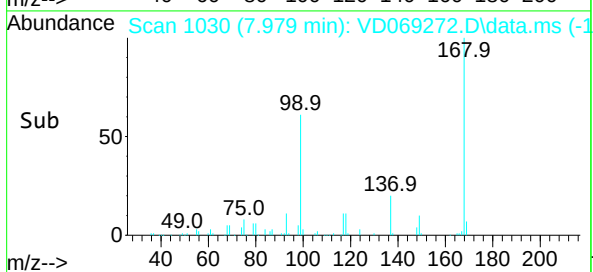
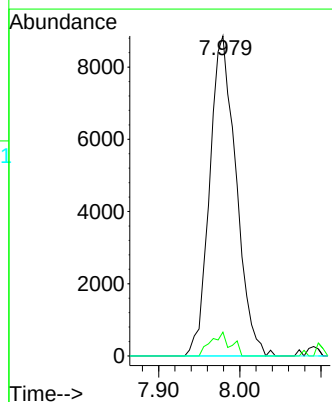
Tgt Ion: 75 Resp: 15781
Ion Ratio Lower Upper
75 100
110 5.3 18.8 56.4#
77 0.0 25.2 37.8#

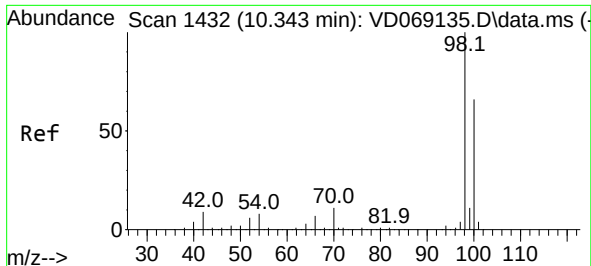


#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25



Tgt Ion: 117 Resp: 20023
Ion Ratio Lower Upper
117 100
119 7.4 76.2 114.2#
121 0.0 21.9 32.9#

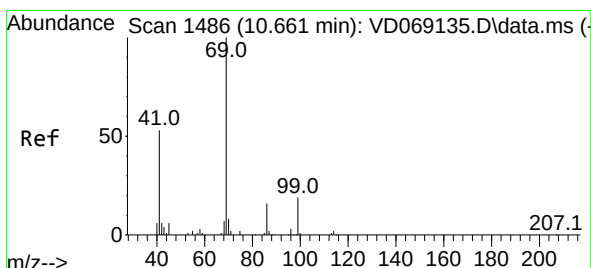
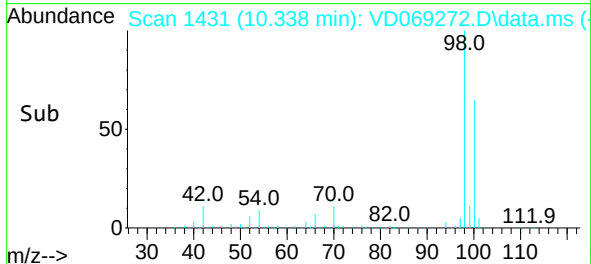
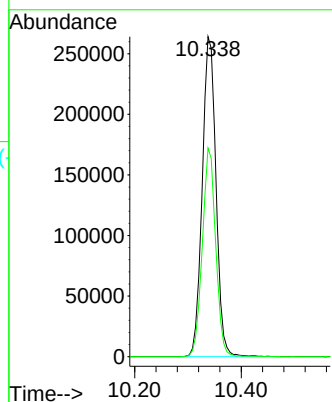
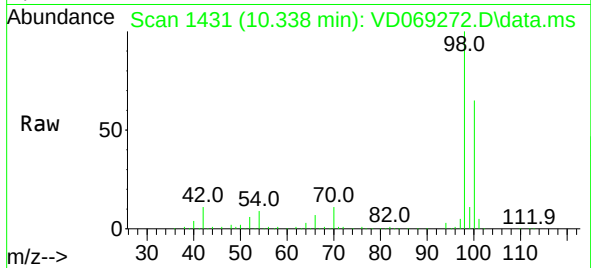




#50
Toluene-d8
Concen: 54.00 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

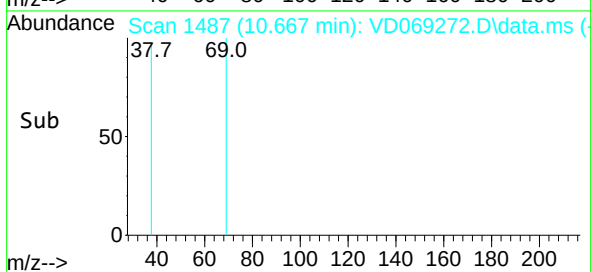
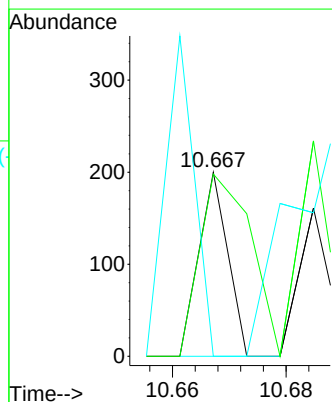
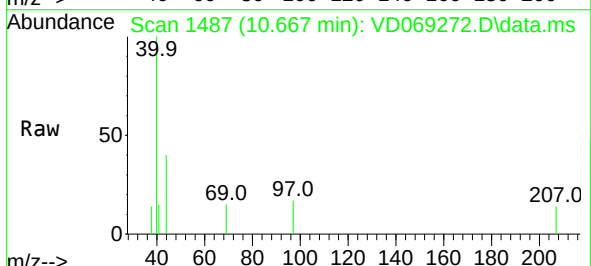
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

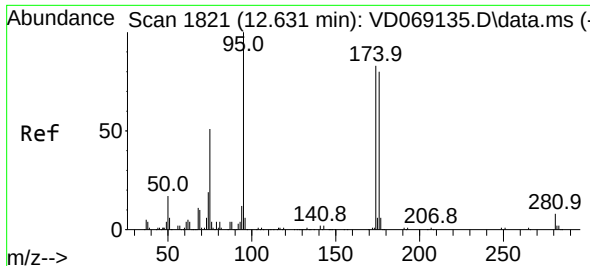
Tgt Ion: 98 Resp: 472555
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.35 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion: 69 Resp: 71
Ion Ratio Lower Upper
69 100
41 176.1 42.2 63.2#
39 173.2 26.3 39.5#

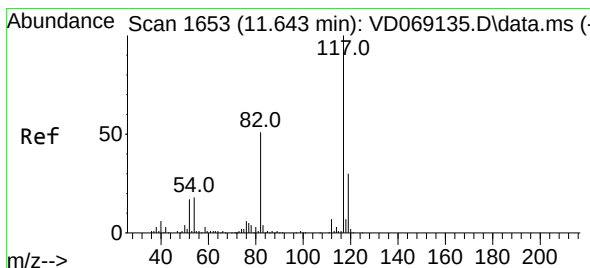
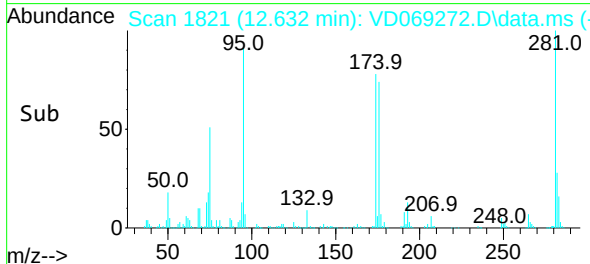
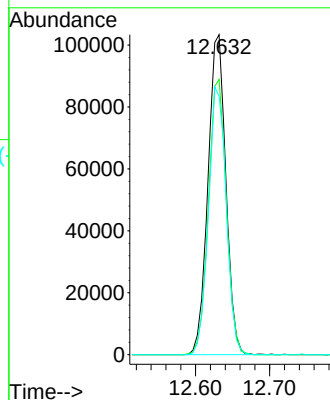
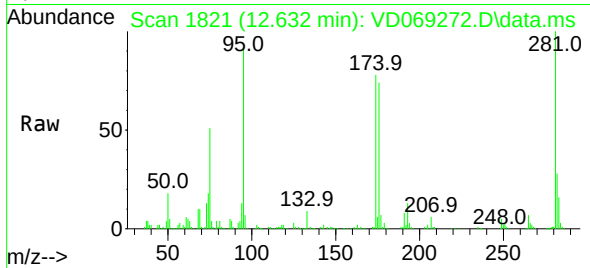




#62
4-Bromofluorobenzene
Concen: 61.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

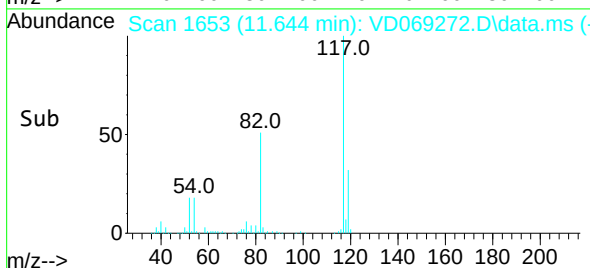
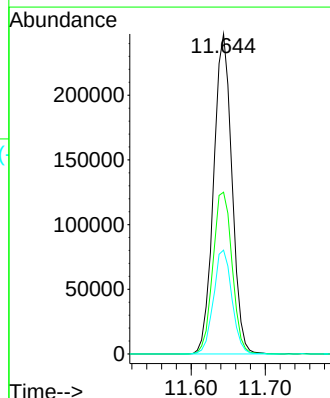
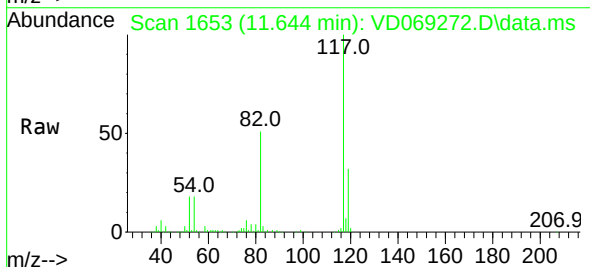
Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

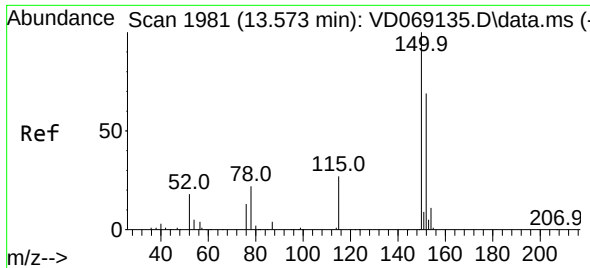
Tgt Ion:	95	Resp:	172999
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	171.8
176	82.9	0.0	165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion:	117	Resp:	424360
Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.5	60.7
119	32.4	24.2	36.4

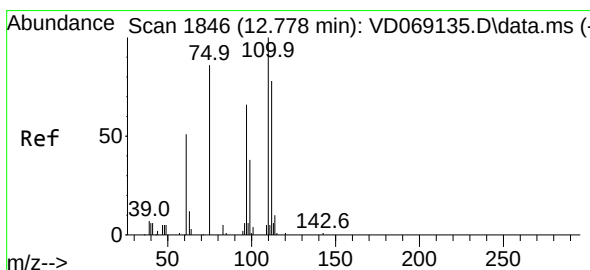
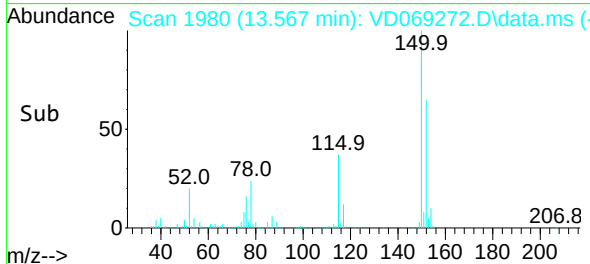
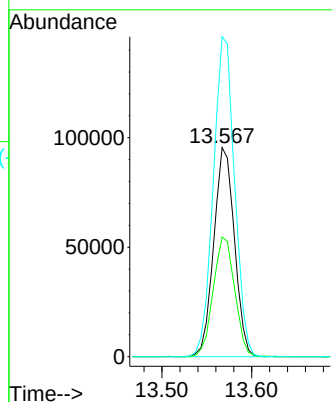
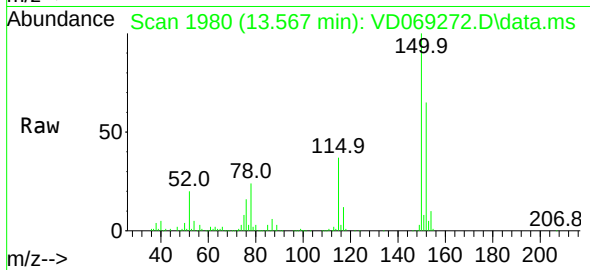




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.005 min
 Lab File: VD069272.D
 Acq: 25 May 2021 14:25

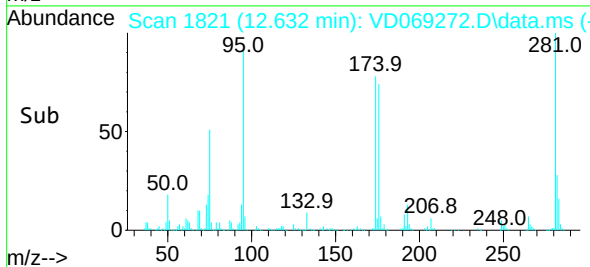
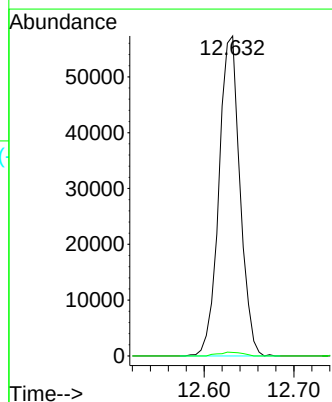
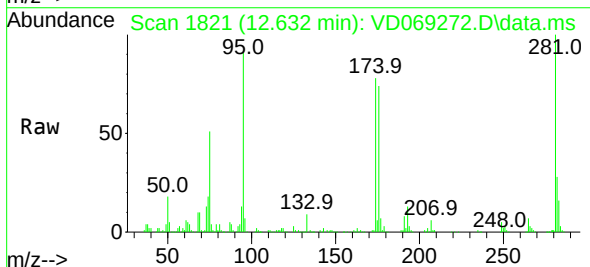
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-052421

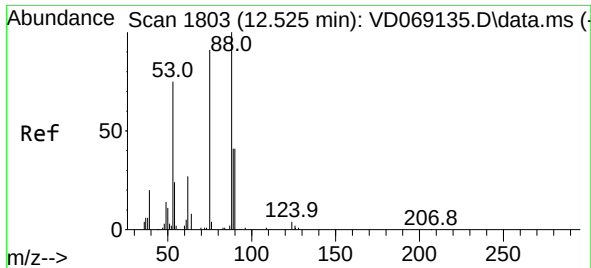
Tgt Ion:152 Resp: 152815
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.9 89.8
 150 157.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 81.17 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD069272.D
 Acq: 25 May 2021 14:25

Tgt Ion: 75 Resp: 93240
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

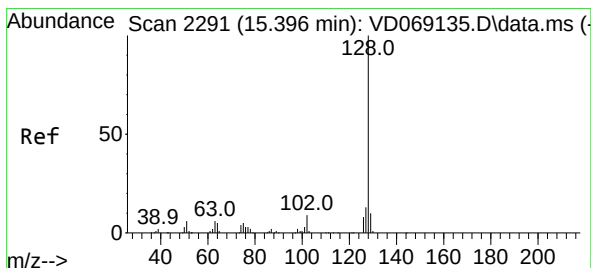
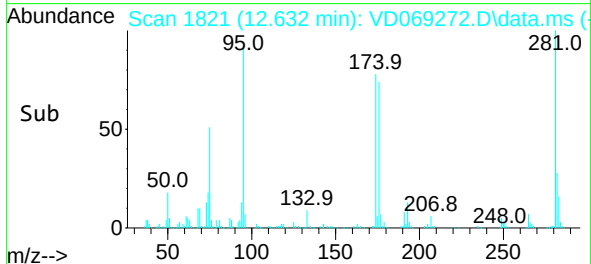
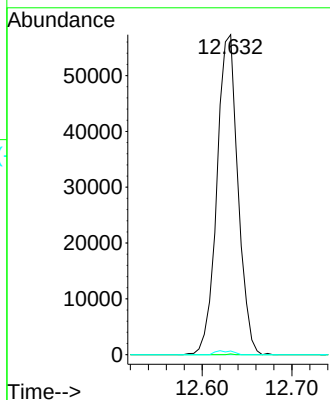
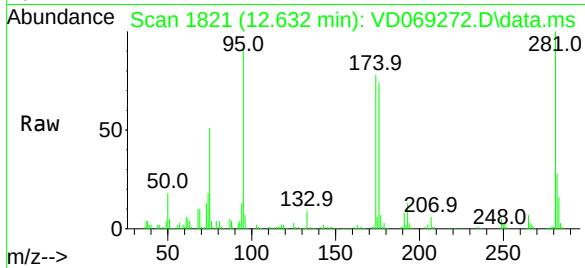




#81
trans-1,4-Dichloro-2-butene
Concen: 163.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
OK-01-052421

Tgt Ion: 75 Resp: 93240
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 1.0 40.2 60.2#



#95
Naphthalene
Concen: 2.18 ug/l
RT: 15.408 min Scan# 2293
Delta R.T. 0.012 min
Lab File: VD069272.D
Acq: 25 May 2021 14:25

Tgt Ion:128 Resp: 679
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 8.0 8.9 13.3#

