

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069242.D
 Acq On : 21 May 2021 16:55
 Operator : VA/SY
 Sample : M2486-01
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052121

Quant Time: May 22 00:35:25 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	122344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	214262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	200007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	86683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	103538	84.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.84%#
35) Dibromofluoromethane	7.914	113	94474	67.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.50%
50) Toluene-d8	10.338	98	267178	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.626	95	78578	47.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.32%

Target Compounds

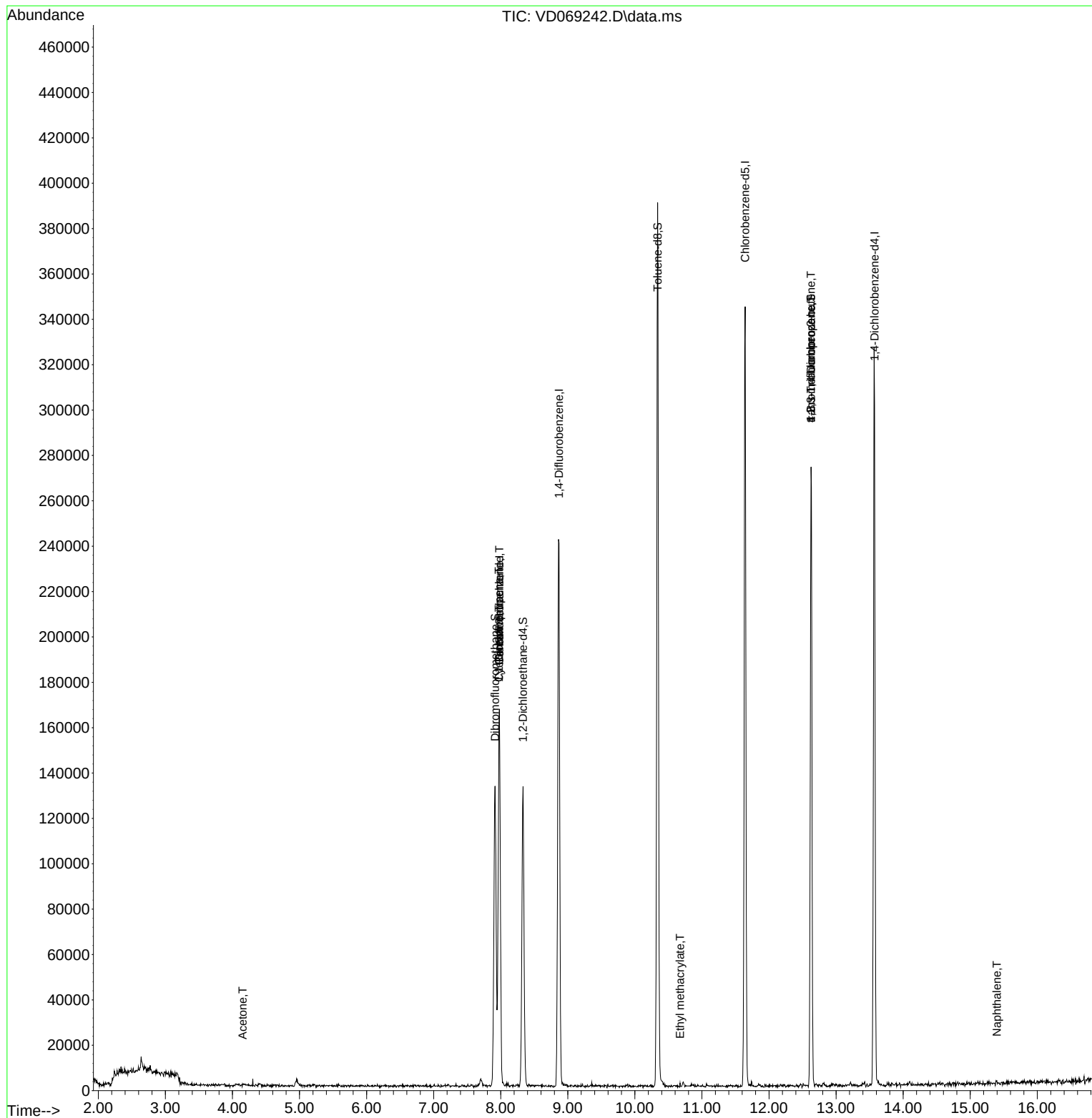
						Qvalue
11) Tert butyl alcohol	5.226	59	233	Below Cal	#	73
16) Acetone	4.150	43	606	3.23	ug/l #	41
20) Methylene Chloride	4.967	84	814	Below Cal	#	68
31) Cyclohexane	7.973	56	2916	1.60	ug/l #	16
36) 1,1-Dichloropropene	7.973	75	9786	4.70	ug/l #	48
38) Carbon Tetrachloride	7.979	117	12165	5.22	ug/l #	18
56) Ethyl methacrylate	10.673	69	91	1.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	40240	61.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	40240	124.74	ug/l #	14
95) Naphthalene	15.396	128	462	2.20	ug/l #	69

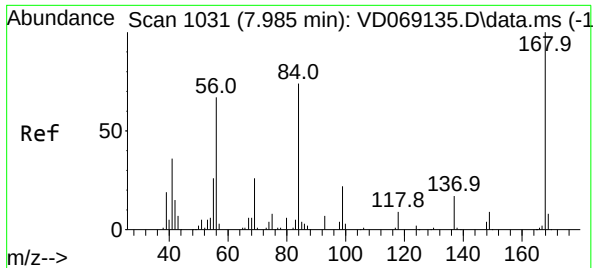
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
Data File : VD069242.D
Acq On : 21 May 2021 16:55
Operator : VA/SY
Sample : M2486-01
Misc : 6.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

Quant Time: May 22 00:35:25 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

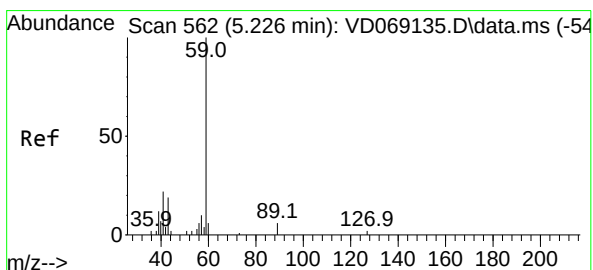
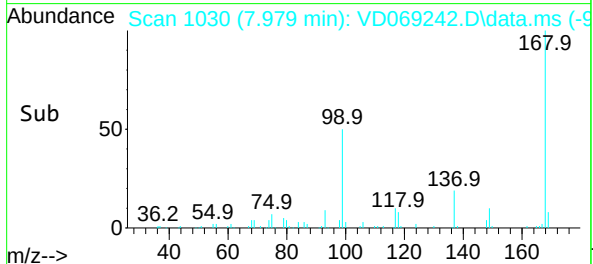
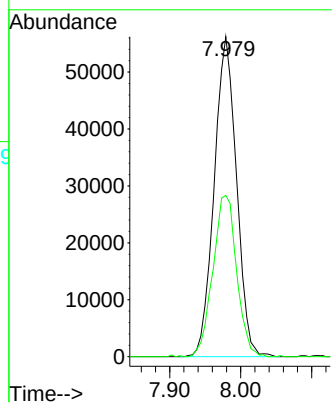
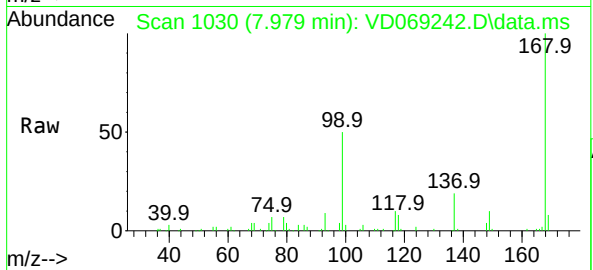




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

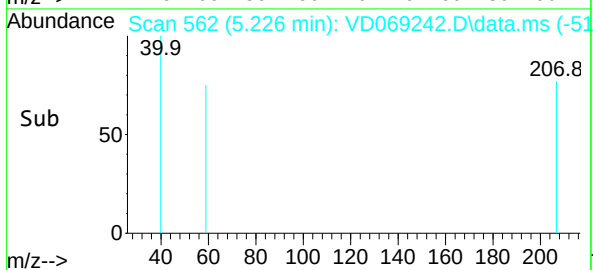
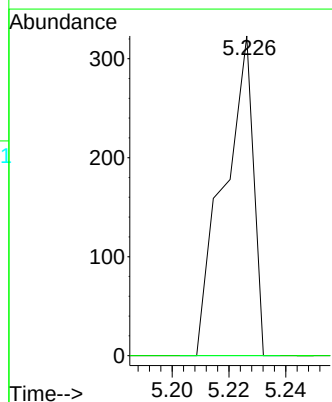
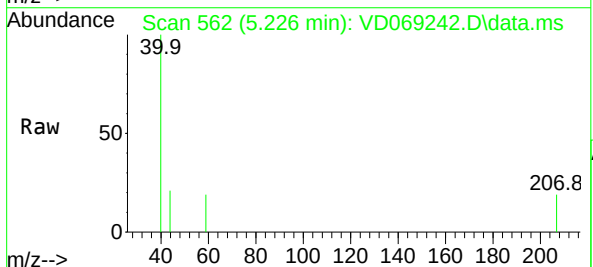
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

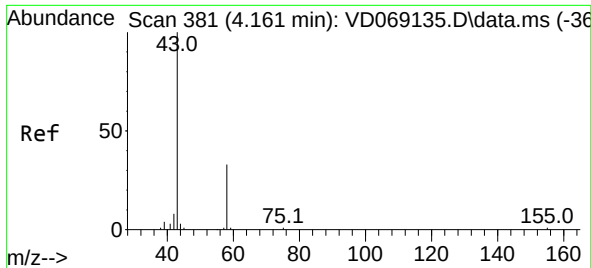
Tgt Ion:168 Resp: 122344
Ion Ratio Lower Upper
168 100
99 50.1 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

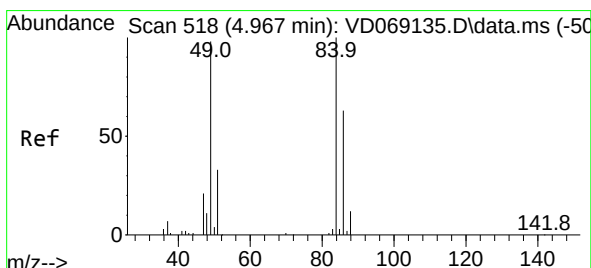
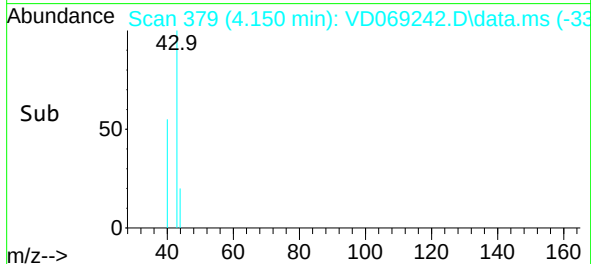
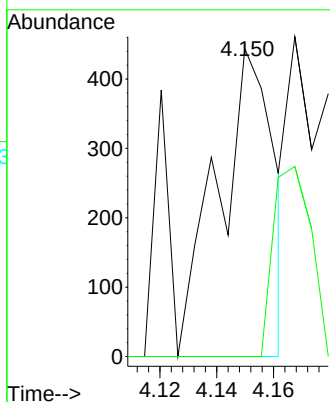
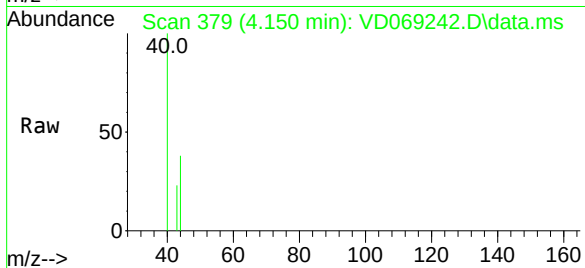




#16
Acetone
Concen: 3.23 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

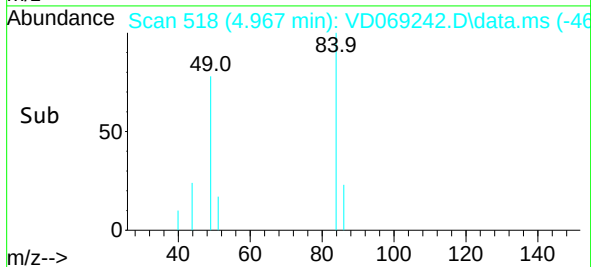
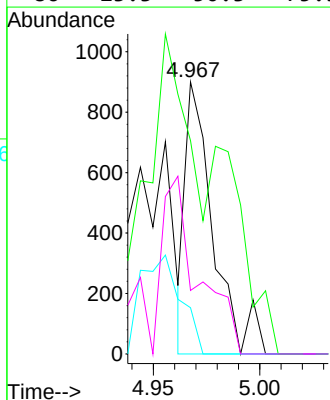
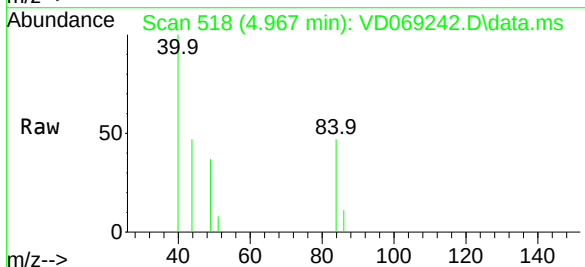
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

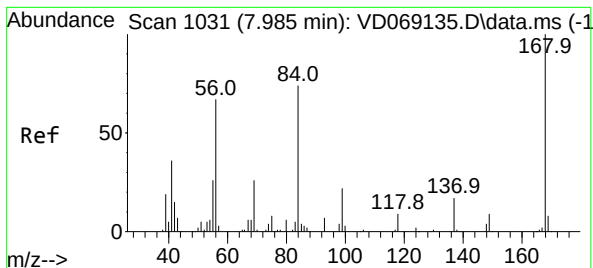
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion: 84 Resp: 814
Ion Ratio Lower Upper
84 100
49 78.4 78.6 117.8#
51 17.0 26.7 40.1#
86 23.3 50.3 75.5#

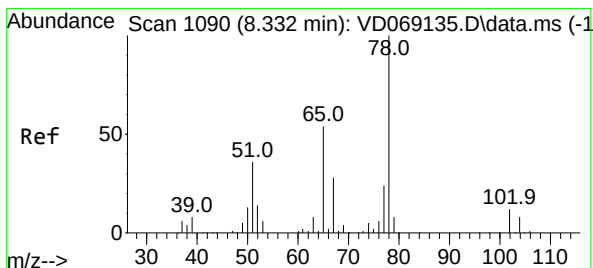
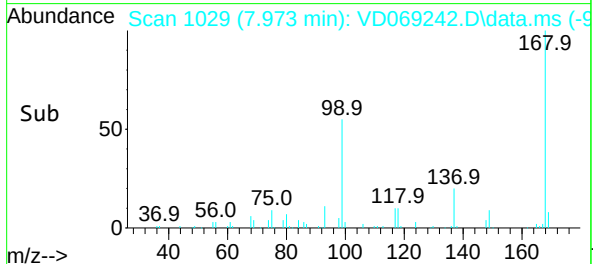
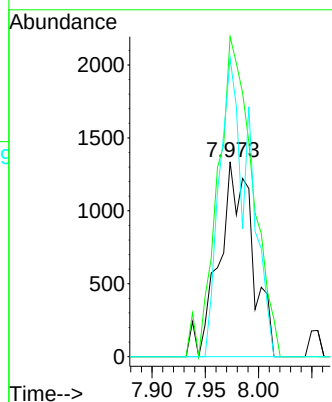
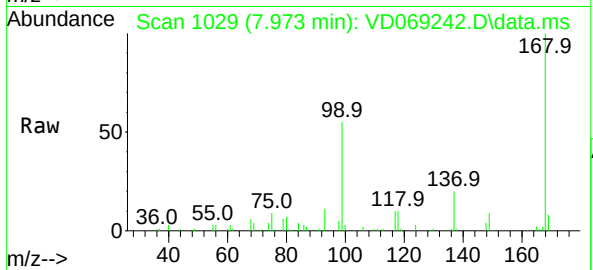




#31
Cyclohexane
Concen: 1.60 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

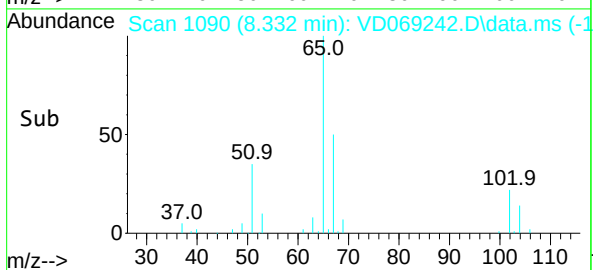
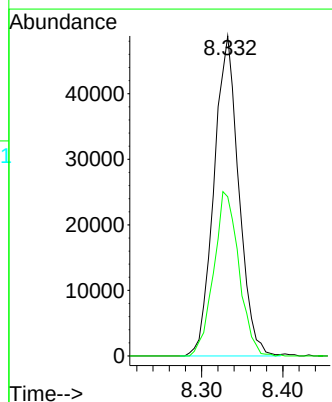
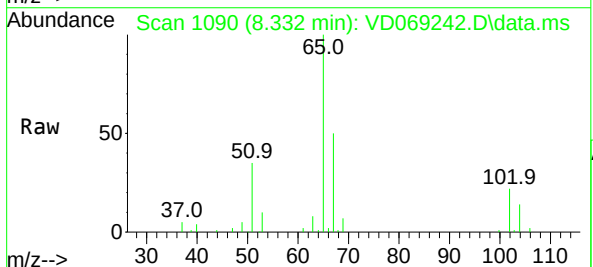
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

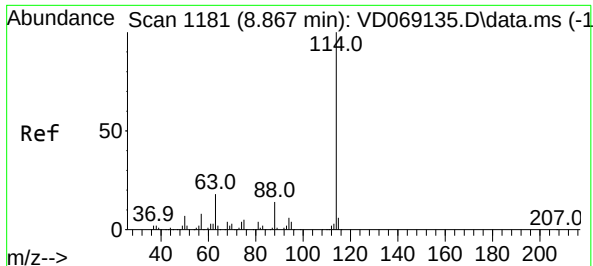
Tgt Ion: 56 Resp: 2916
Ion Ratio Lower Upper
56 100
69 164.2 30.6 46.0#
84 153.1 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 84.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

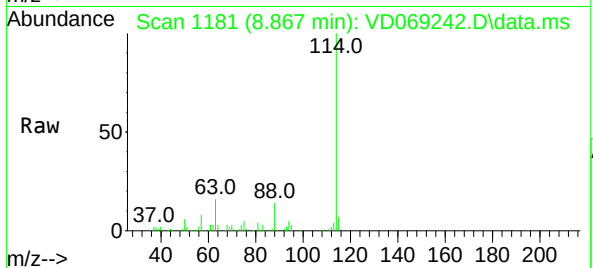
Tgt Ion: 65 Resp: 103538
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0



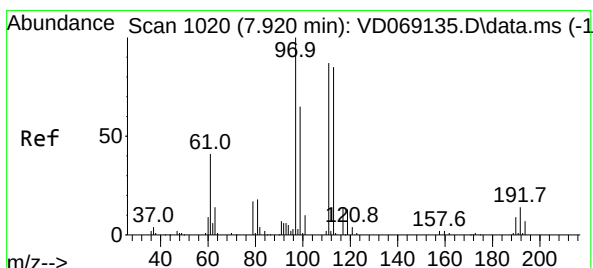
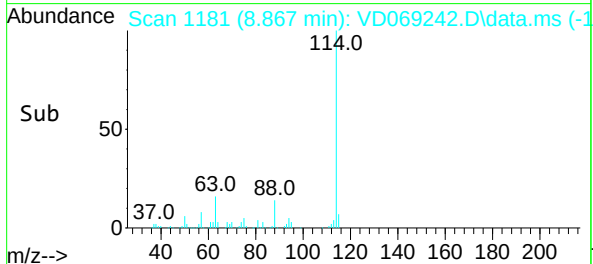
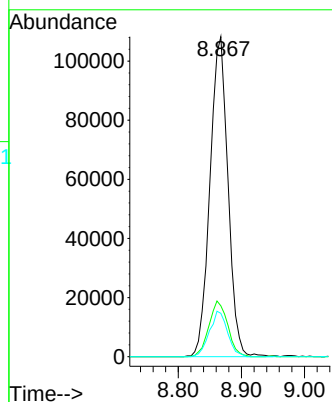


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

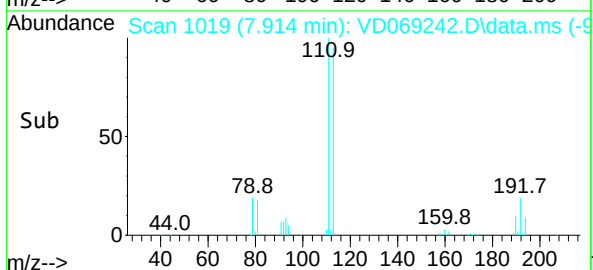
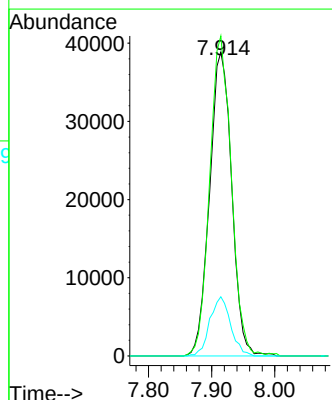
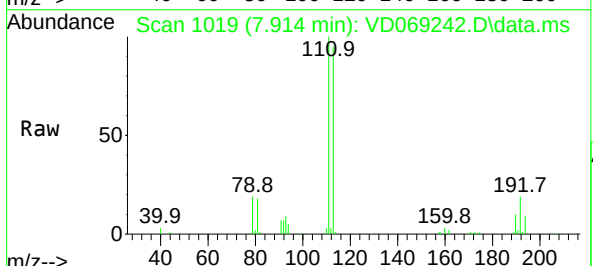


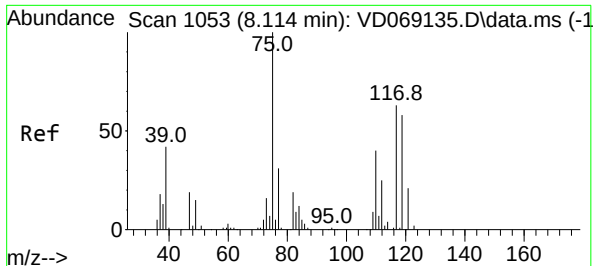
Tgt Ion:114 Resp: 214262
Ion Ratio Lower Upper
114 100
63 15.9 0.0 36.4
88 13.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 67.75 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion:113 Resp: 94474
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 18.4 14.8 22.2

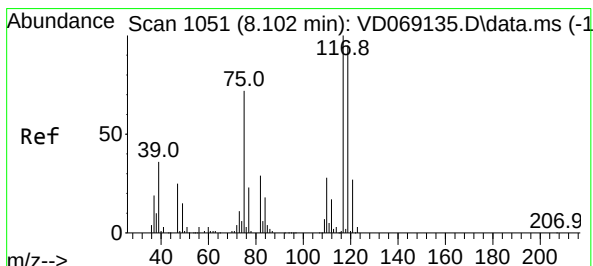
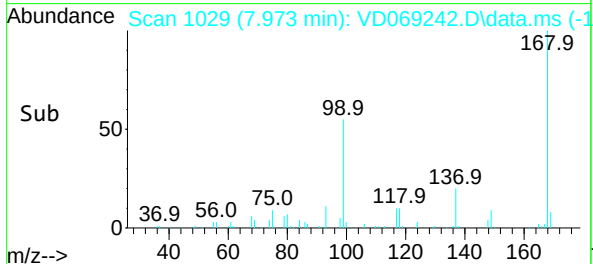
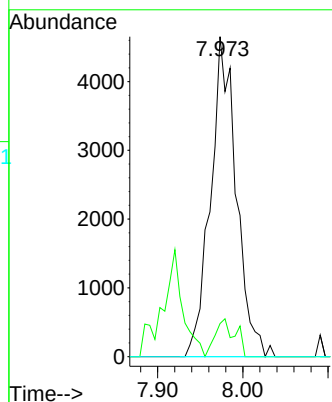
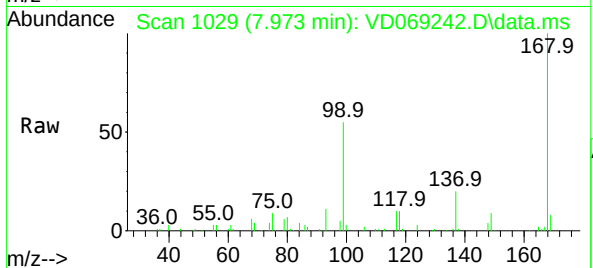




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

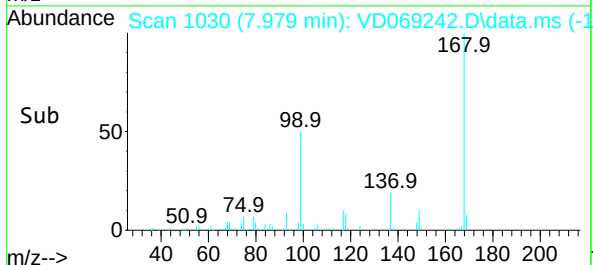
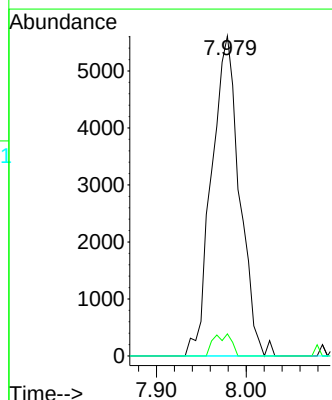
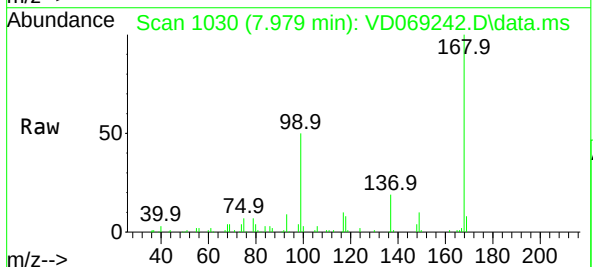
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

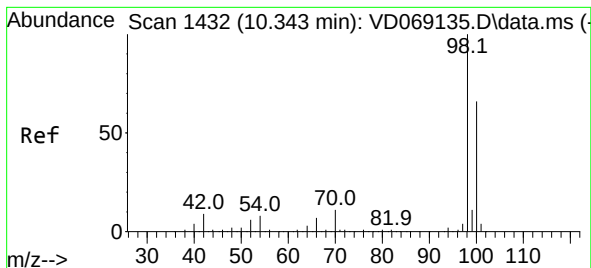
Tgt Ion: 75 Resp: 9786
Ion Ratio Lower Upper
75 100
110 9.1 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion: 117 Resp: 12165
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 21.9 32.9#

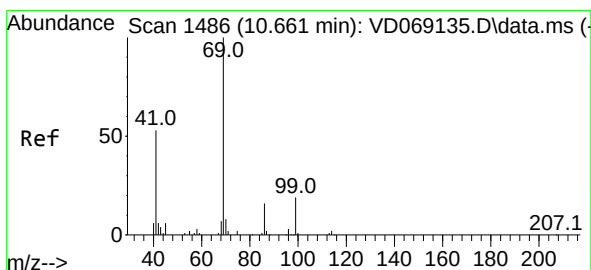
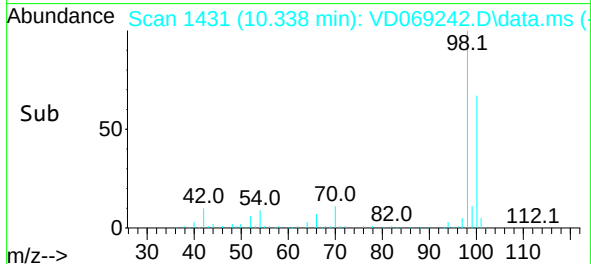
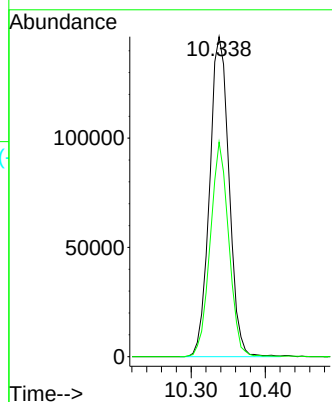
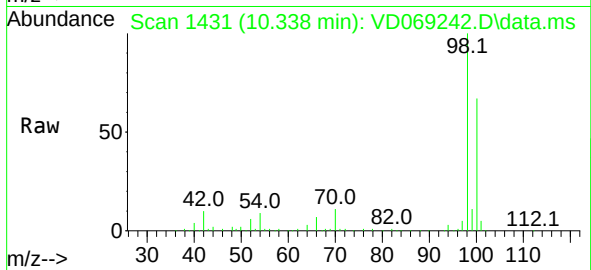




#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

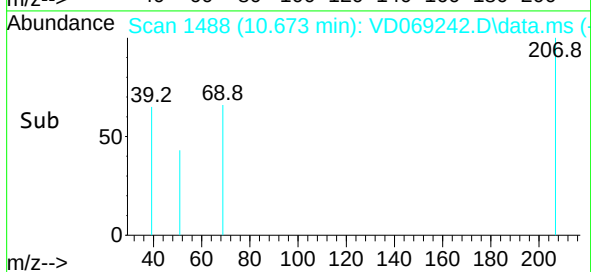
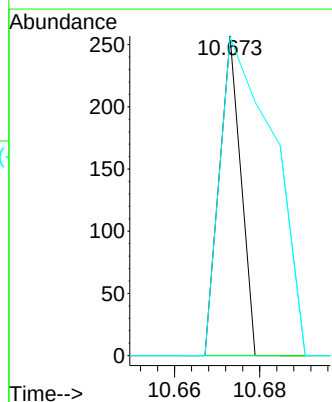
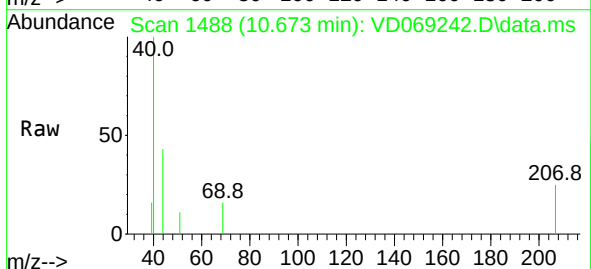
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

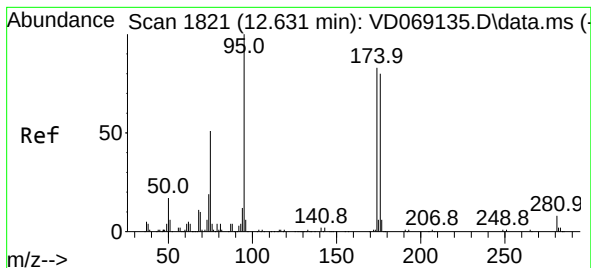
Tgt Ion: 98 Resp: 267178
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.39 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.012 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion: 69 Resp: 91
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 244.0 26.3 39.5#

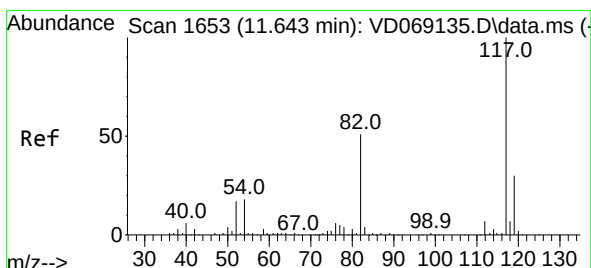
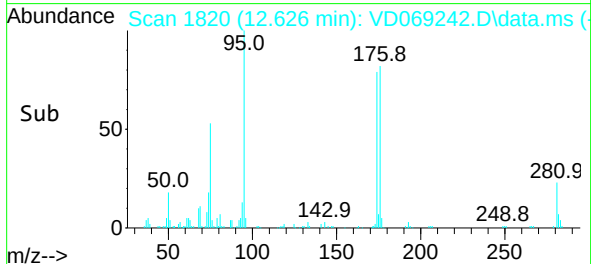
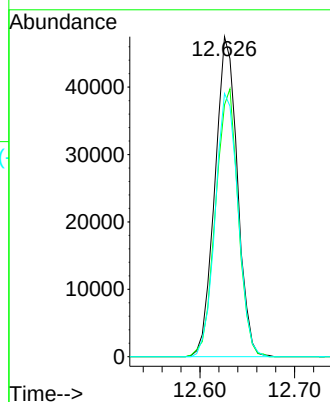
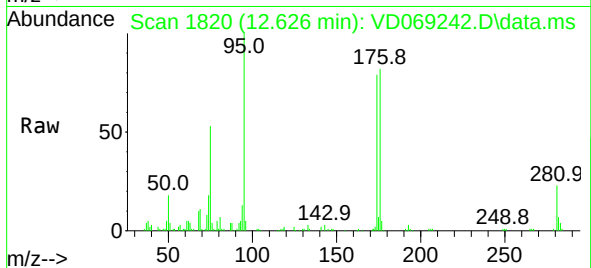




#62
4-Bromofluorobenzene
Concen: 47.66 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

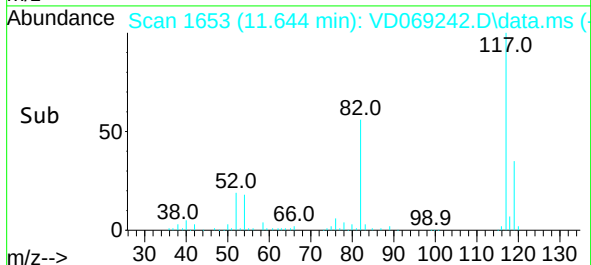
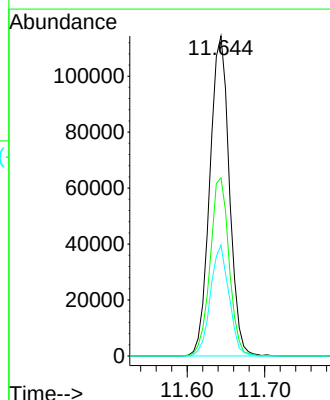
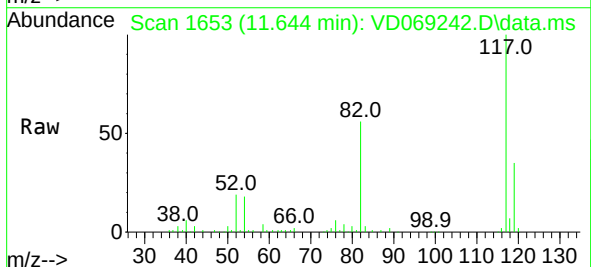
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

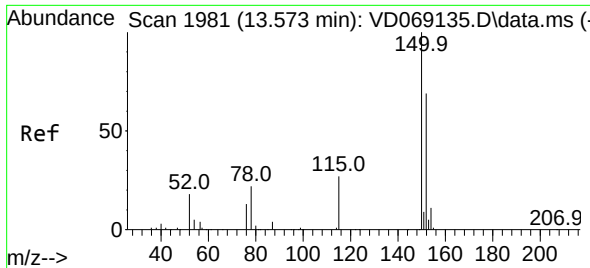
Tgt Ion:	95	Resp:	78578
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	171.8
176	83.3	0.0	165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion:	117	Resp:	200007
Ion Ratio	Lower	Upper	
117	100		
82	55.7	40.5	60.7
119	34.7	24.2	36.4

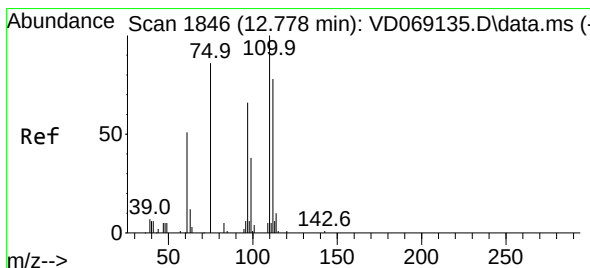
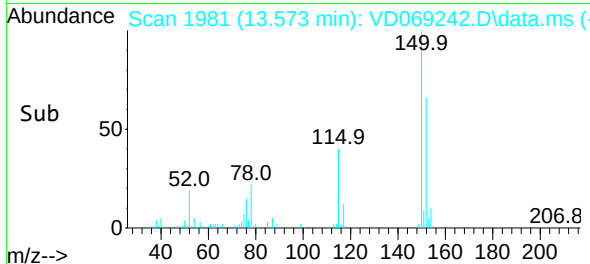
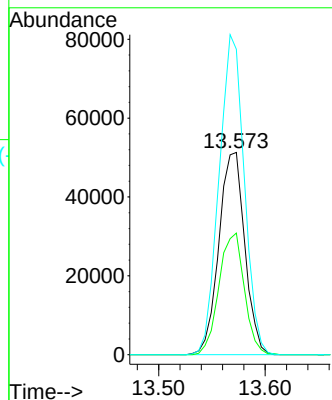
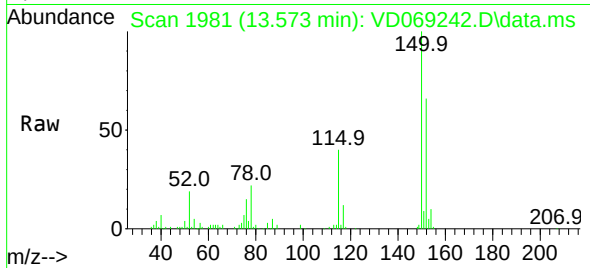




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069242.D
 Acq: 21 May 2021 16:55

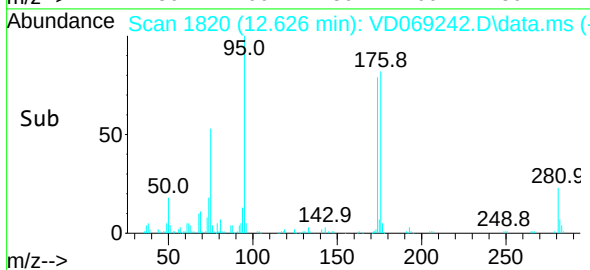
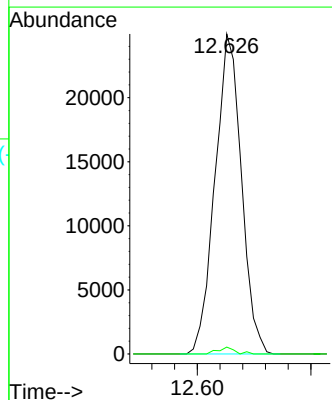
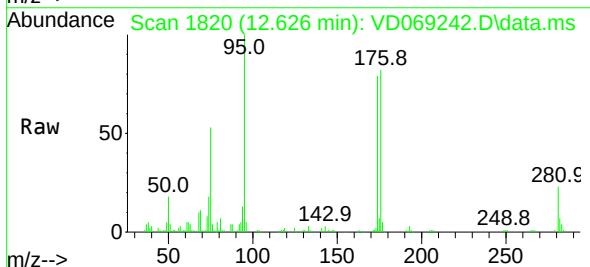
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052121

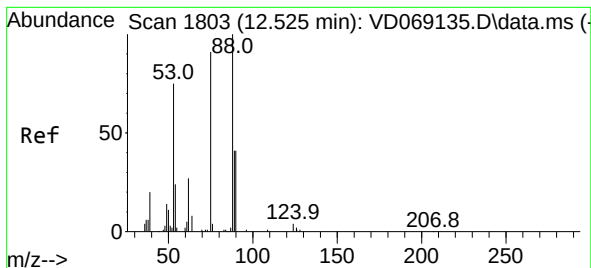
Tgt Ion:152 Resp: 86683
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.9 89.8
 150 153.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 61.76 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069242.D
 Acq: 21 May 2021 16:55

Tgt Ion: 75 Resp: 40240
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

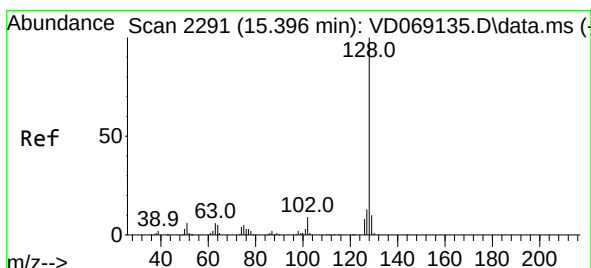
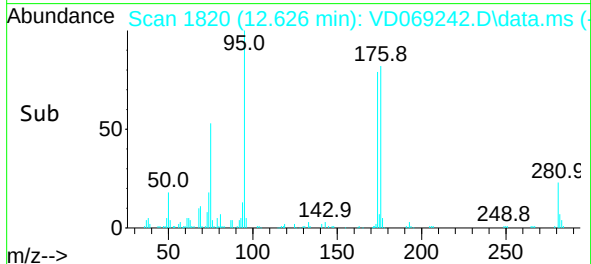
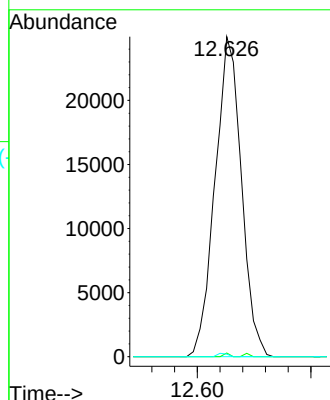
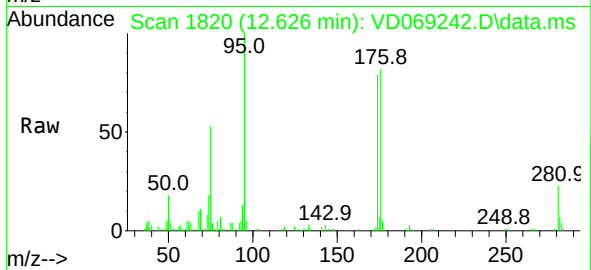




#81
trans-1,4-Dichloro-2-butene
Concen: 124.74 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

Tgt Ion: 75 Resp: 40240
Ion Ratio Lower Upper
75 100
53 0.3 70.0 105.0#
89 0.4 40.2 60.2#



#95
Naphthalene
Concen: 2.20 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion:128 Resp: 462
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

