

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070322.D
 Acq On : 13 Sep 2021 13:07
 Operator : VA/SY
 Sample : M3691-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-090921RE

Quant Time: Sep 14 00:52:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

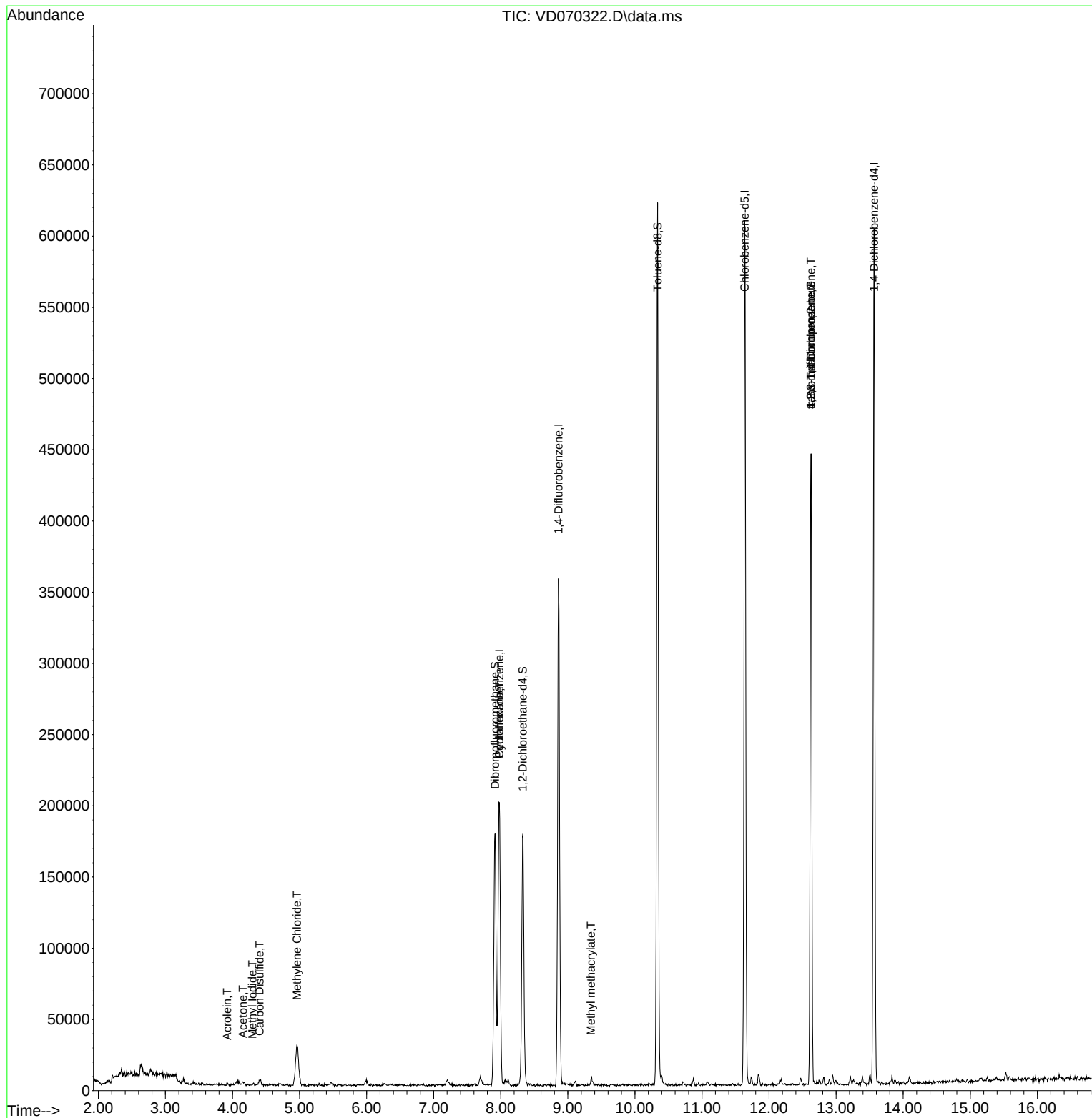
Internal Standards						
1) Pentafluorobenzene	7.979	168	138424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	303327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	356576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	156210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134156	75.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.960%	
35) Dibromofluoromethane	7.914	113	132585	61.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.820%	
50) Toluene-d8	10.338	98	415124	52.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.900%	
62) 4-Bromofluorobenzene	12.626	95	155645	56.811	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.620%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	1407	Below Cal		95
3) Chloromethane	2.209	50	2195	Below Cal	#	56
5) Bromomethane	2.773	94	2779	Below Cal	#	72
6) Chloroethane	2.920	64	1147	Below Cal	#	85
10) Methyl Iodide	4.297	142	1318	1.783	ug/l #	72
13) Acrolein	3.920	56	176	1.992	ug/l #	16
16) Acetone	4.156	43	3518	11.086	ug/l #	83
17) Carbon Disulfide	4.403	76	7655	1.287	ug/l	98
18) Methyl Acetate	4.720	43	60	Below Cal	#	48
20) Methylene Chloride	4.961	84	22524	4.828	ug/l	94
31) Cyclohexane	7.979	56	4952	1.617	ug/l #	28
48) Methyl methacrylate	9.344	41	1164	1.125	ug/l #	39
76) 1,2,3-Trichloropropane	12.626	75	76884	48.658	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	76884	121.917	ug/l #	17

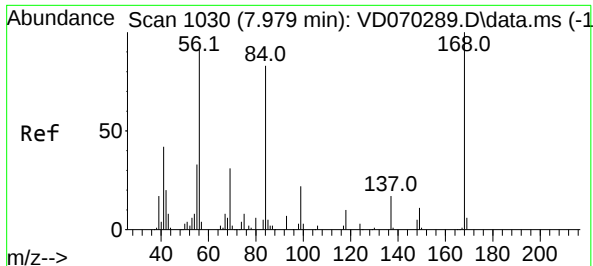
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
Data File : VD070322.D
Acq On : 13 Sep 2021 13:07
Operator : VA/SY
Sample : M3691-01RE
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

Quant Time: Sep 14 00:52:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

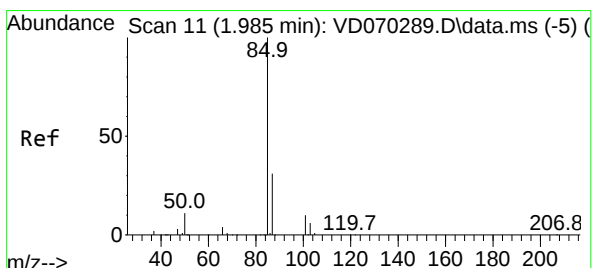
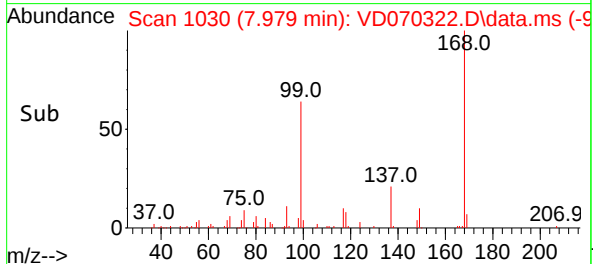
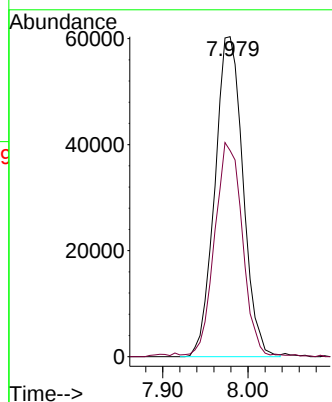
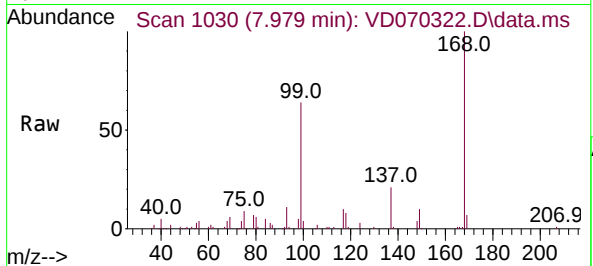




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

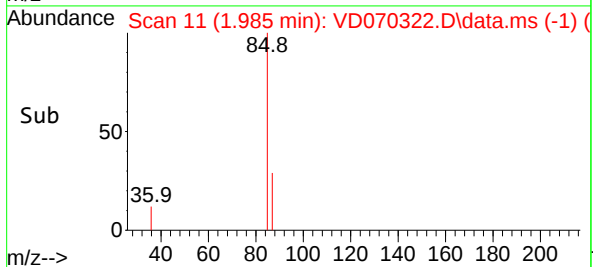
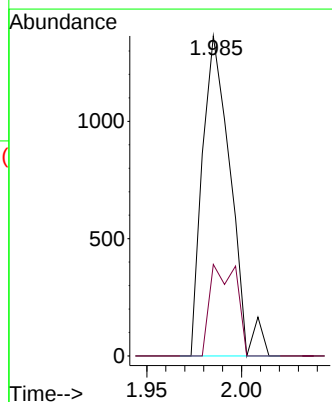
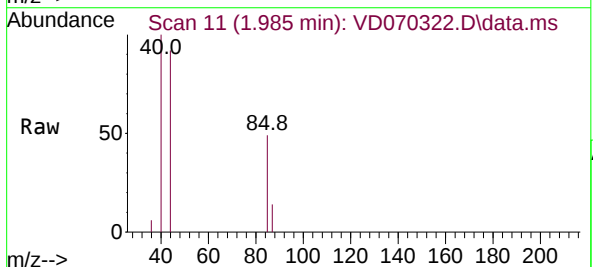
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

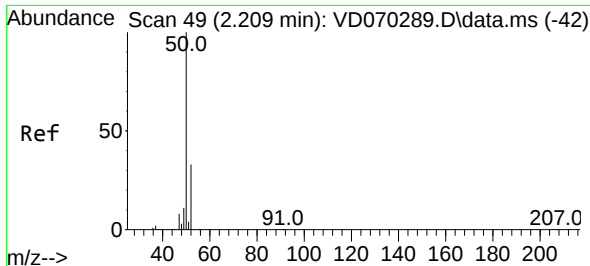
Tgt Ion:168 Resp: 138424
Ion Ratio Lower Upper
168 100
99 63.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 85 Resp: 1407
Ion Ratio Lower Upper
85 100
87 28.6 15.6 46.8

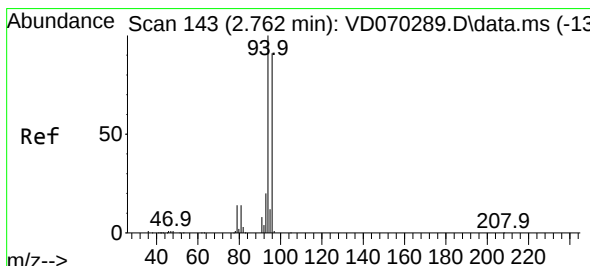
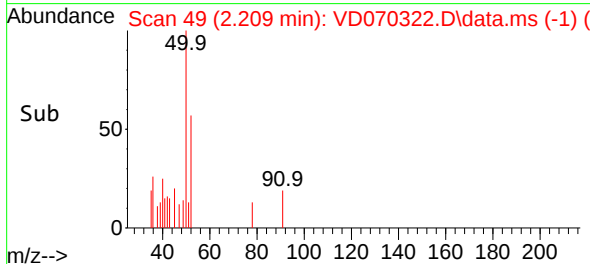
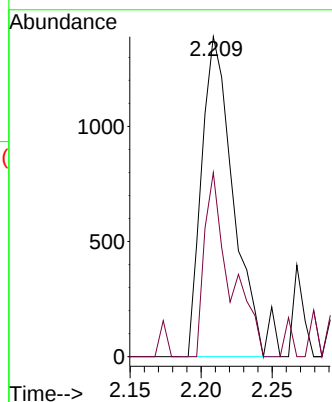
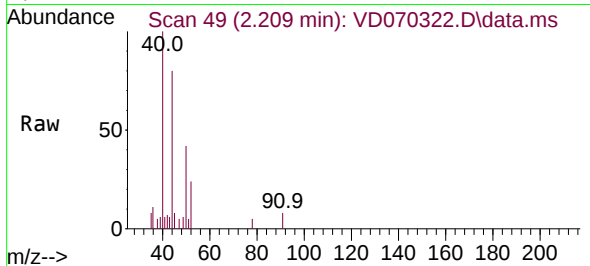




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

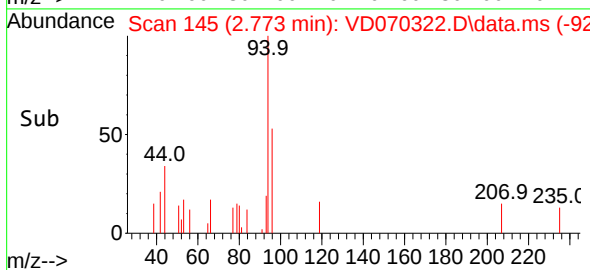
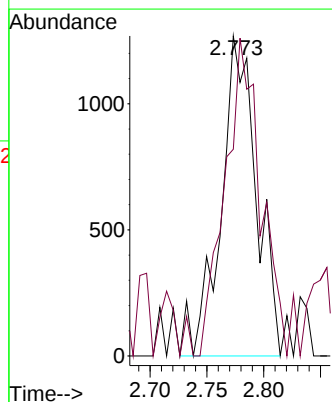
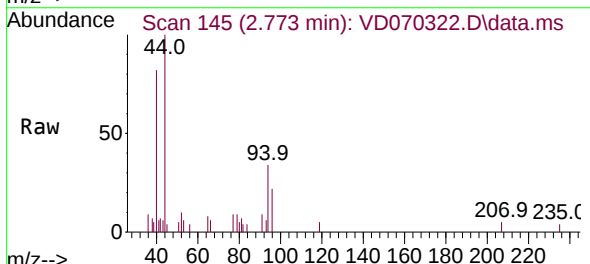
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

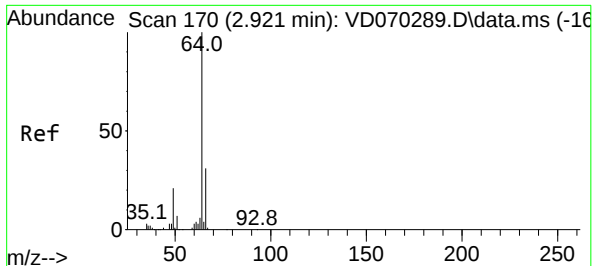
Tgt Ion: 50 Resp: 2195
Ion Ratio Lower Upper
50 100
52 57.5 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 94 Resp: 2779
Ion Ratio Lower Upper
94 100
96 64.6 73.0 109.6#

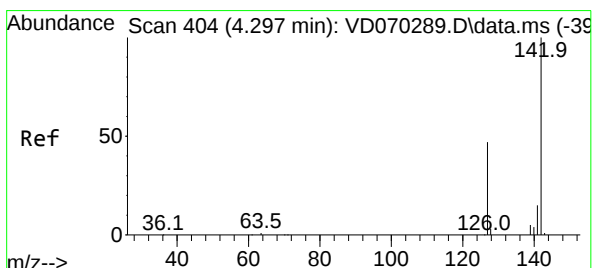
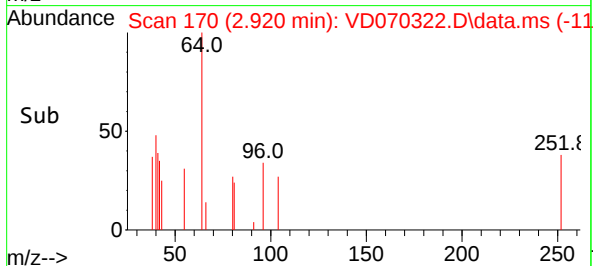
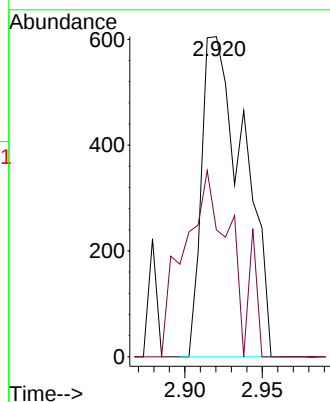
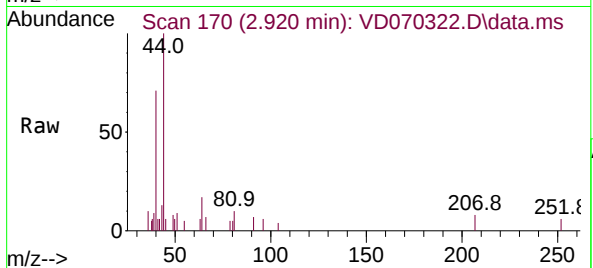




#6
Chloroethane
Concen: Below Cal
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

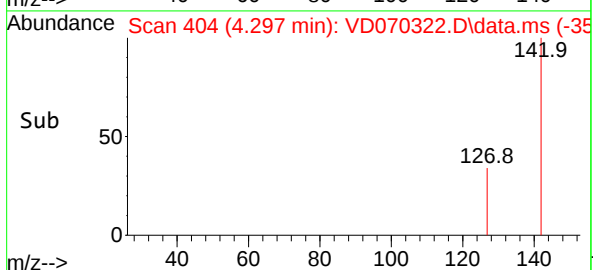
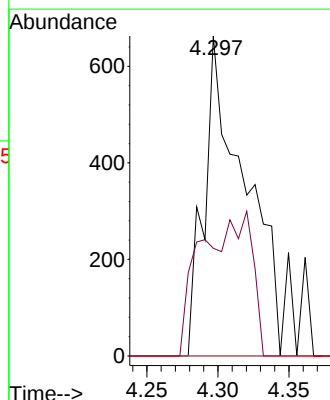
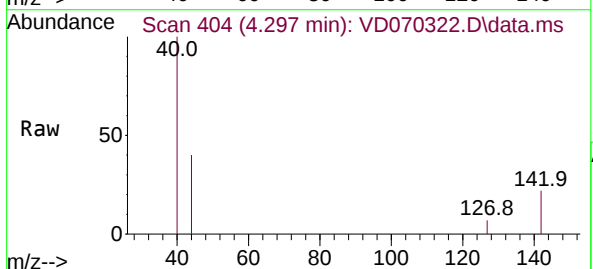
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

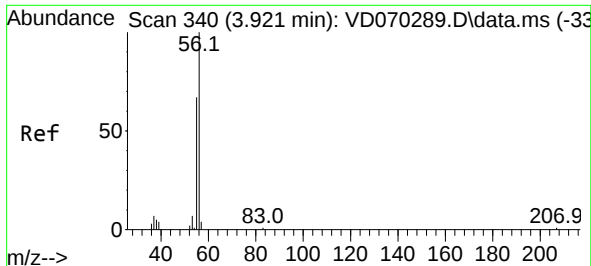
Tgt Ion: 64 Resp: 1147
Ion Ratio Lower Upper
64 100
66 39.7 25.0 37.4#



#10
Methyl Iodide
Concen: 1.783 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 142 Resp: 1318
Ion Ratio Lower Upper
142 100
127 29.1 36.9 55.3#
141 0.0 11.8 17.6#

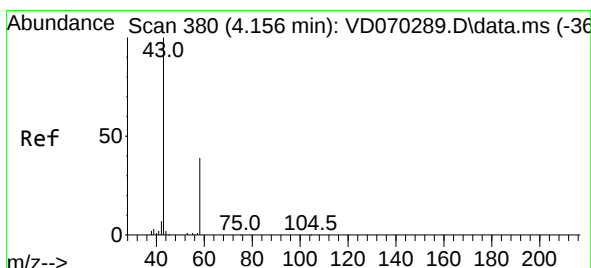
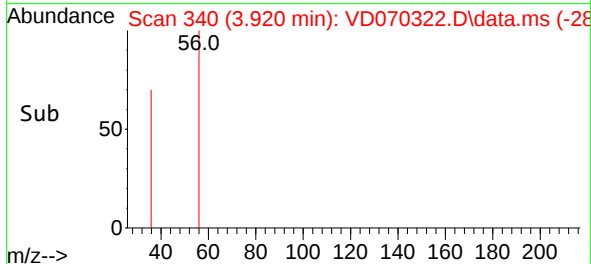
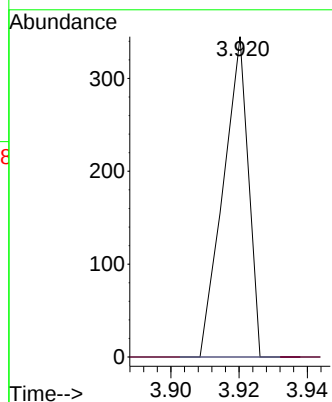
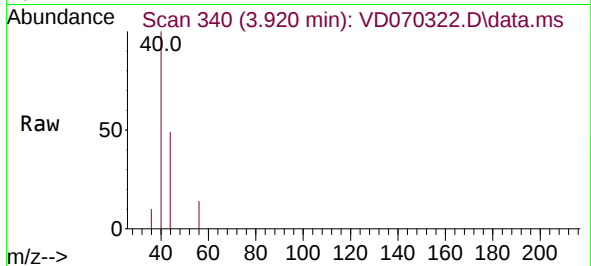




#13
Acrolein
Concen: 1.992 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

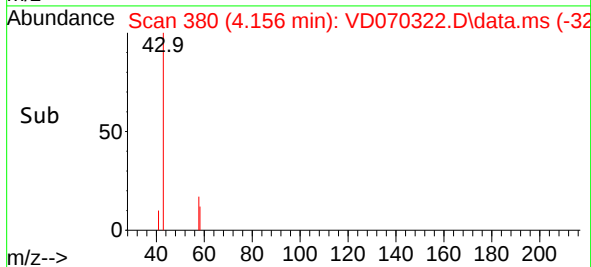
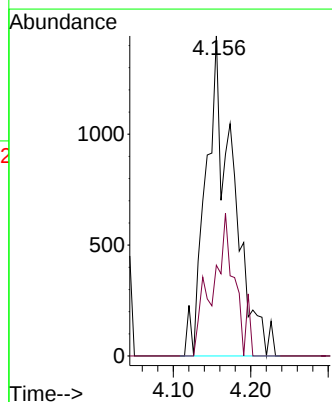
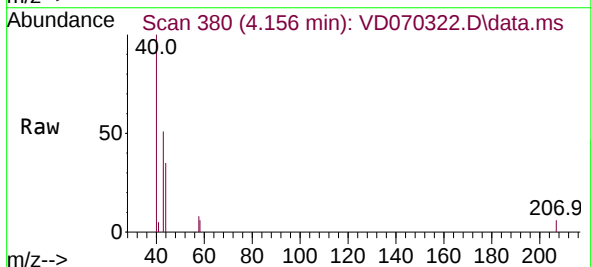
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

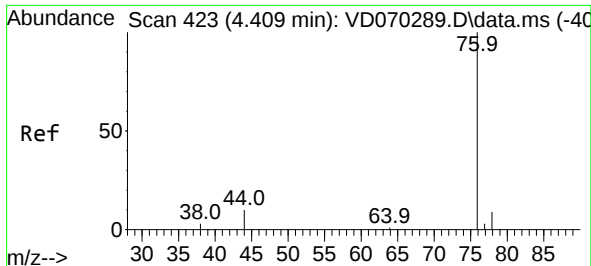
Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 0.0 54.2 81.2#



#16
Acetone
Concen: 11.086 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 43 Resp: 3518
Ion Ratio Lower Upper
43 100
58 28.3 30.9 46.3#

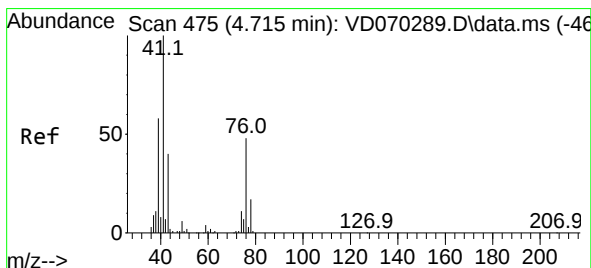
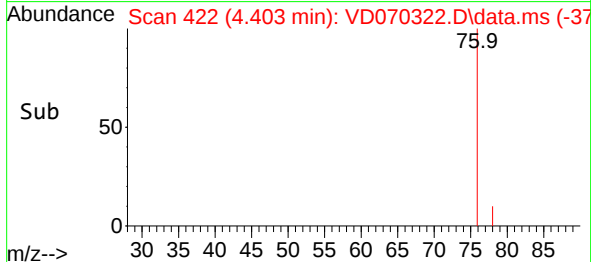
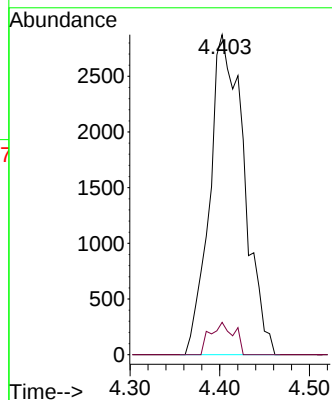
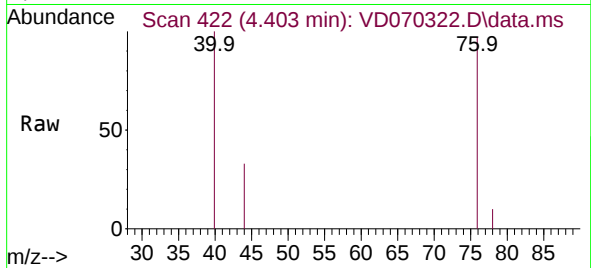




#17
Carbon Disulfide
Concen: 1.287 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

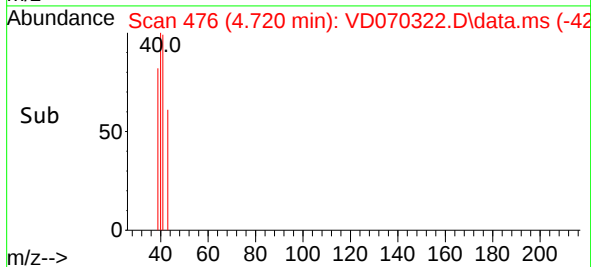
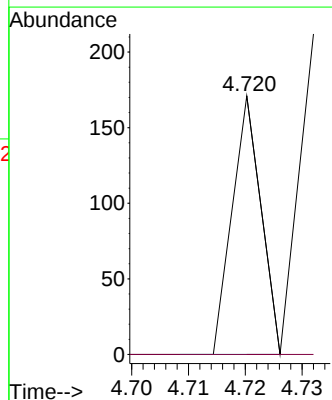
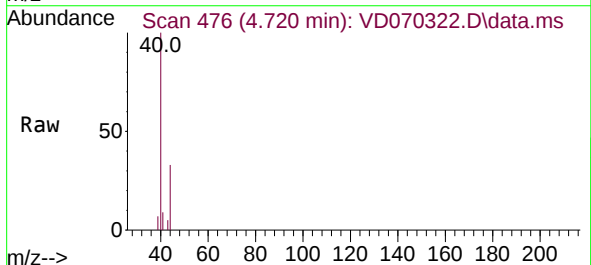
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

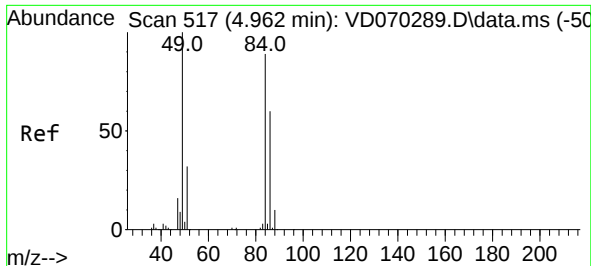
Tgt Ion: 76 Resp: 7655
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

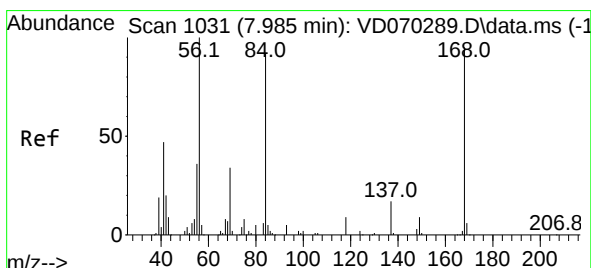
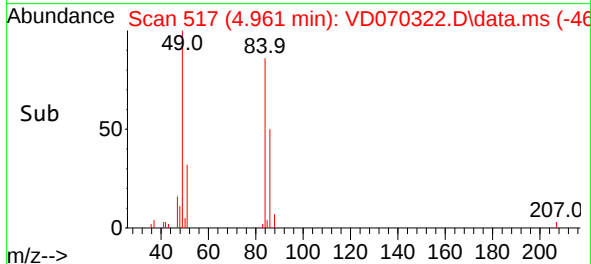
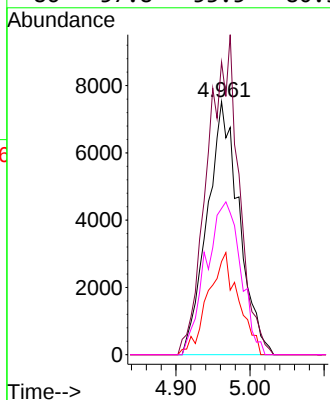
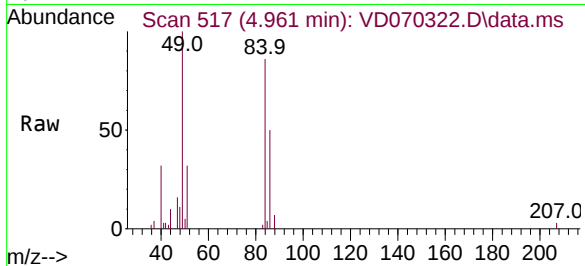




#20
Methylene Chloride
Concen: 4.828 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

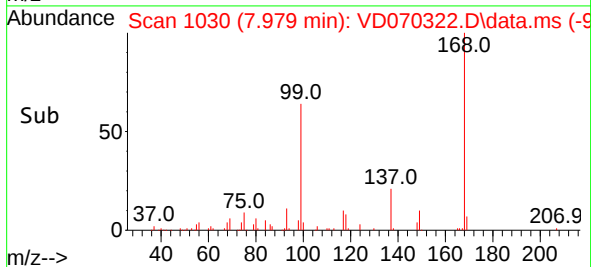
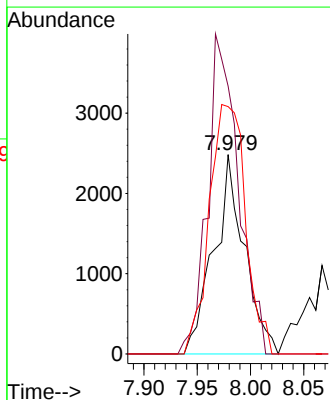
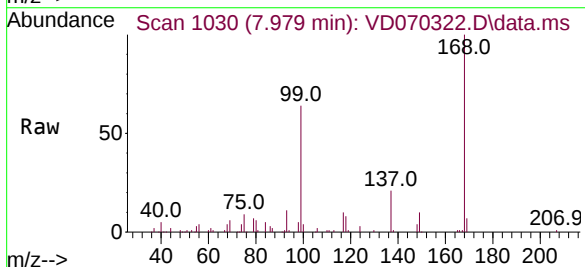
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

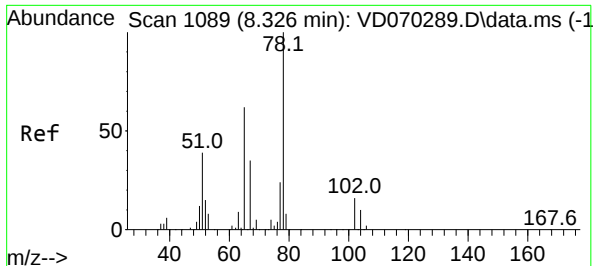
Tgt Ion:	84	Resp:	22524
Ion	Ratio	Lower	Upper
84	100		
49	115.7	89.6	134.4
51	36.8	28.6	43.0
86	57.8	53.5	80.3



#31
Cyclohexane
Concen: 1.617 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion:	56	Resp:	4952
Ion	Ratio	Lower	Upper
56	100		
69	134.4	26.9	40.3#
84	124.1	73.6	110.4#



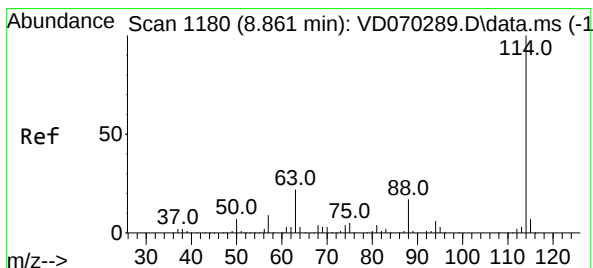
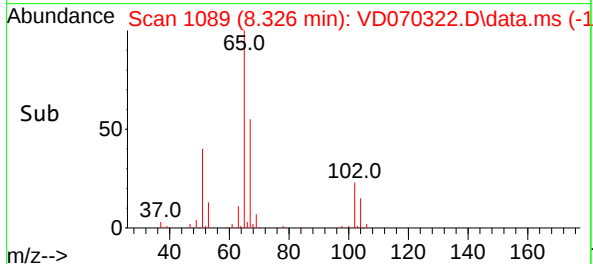
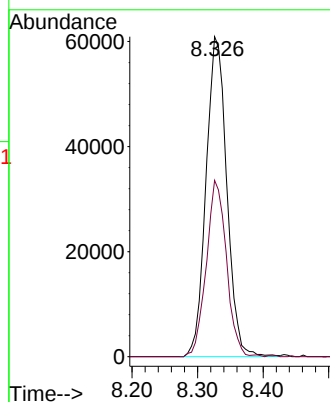
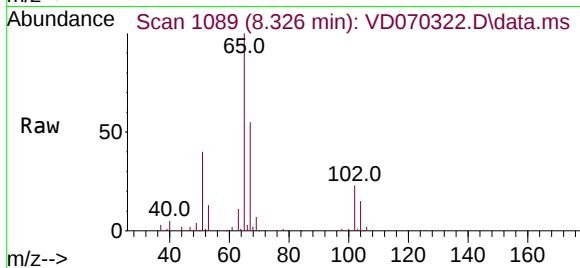


#33

1,2-Dichloroethane-d4
Concen: 75.479 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

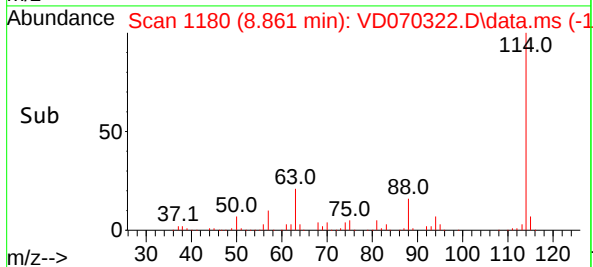
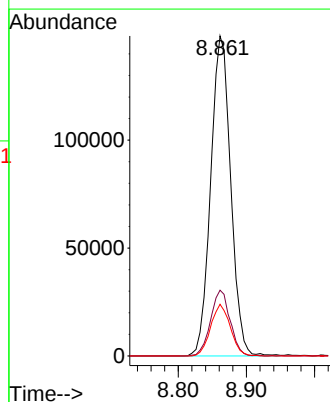
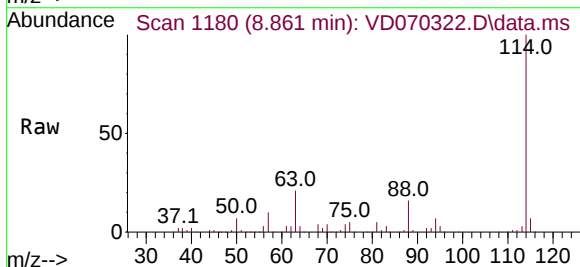
Tgt Ion: 65 Resp: 134156
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4

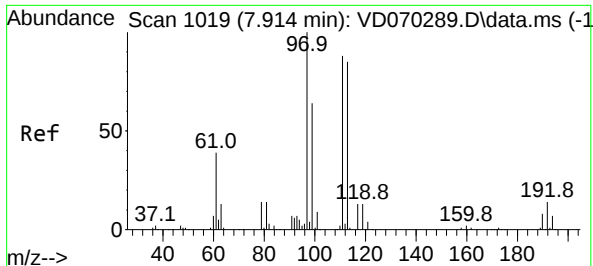


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 114 Resp: 303327
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 61.407 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070322.D

Acq: 13 Sep 2021 13:07

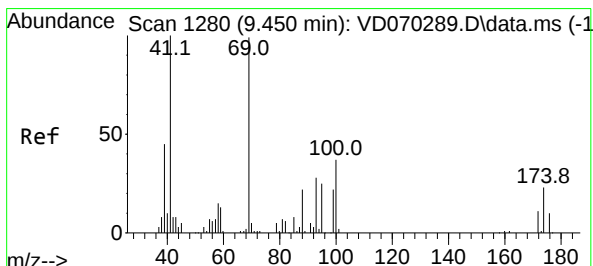
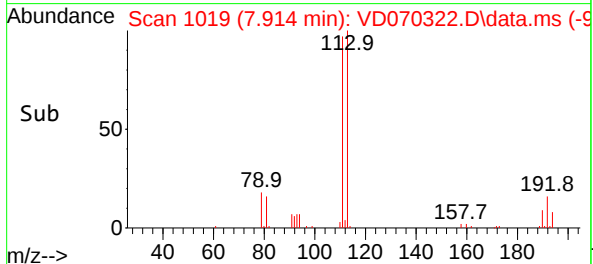
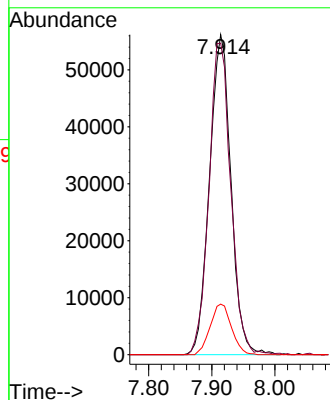
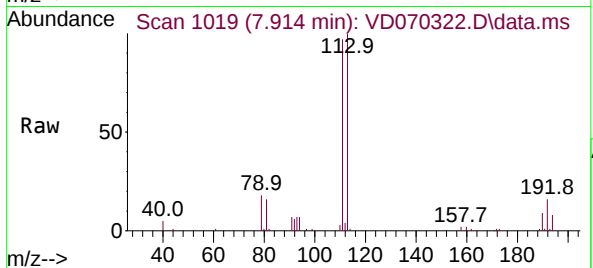
Tgt Ion:113 Resp: 132585

Ion Ratio Lower Upper

113 100

111 99.4 81.4 122.2

192 15.7 13.0 19.6



#48

Methyl methacrylate

Concen: 1.125 ug/l

RT: 9.344 min Scan# 1262

Delta R.T. -0.106 min

Lab File: VD070322.D

Acq: 13 Sep 2021 13:07

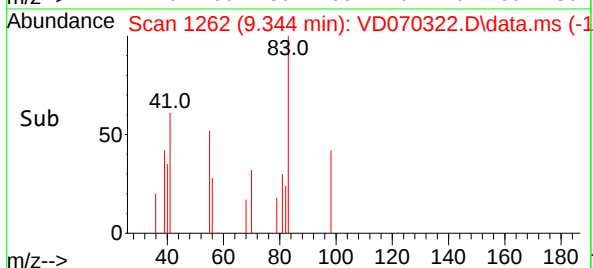
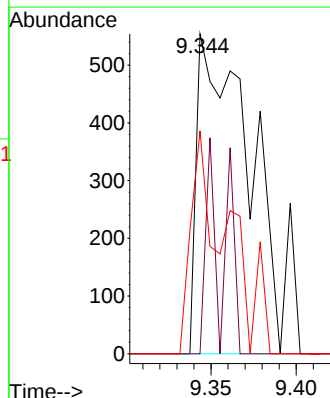
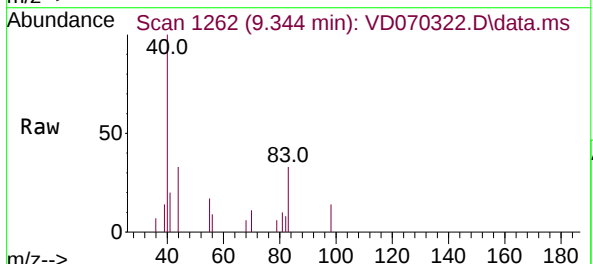
Tgt Ion: 41 Resp: 1164

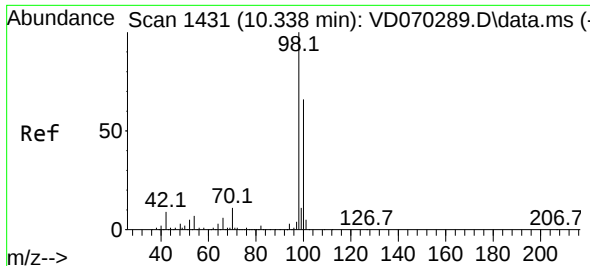
Ion Ratio Lower Upper

41 100

69 22.2 79.8 119.8#

39 29.1 34.4 51.6#

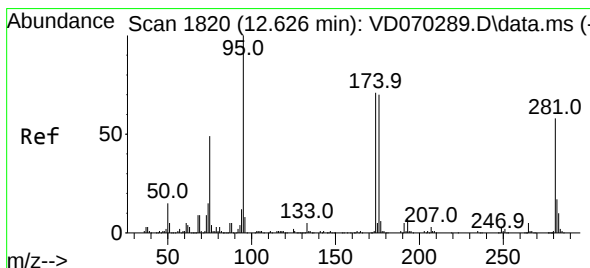
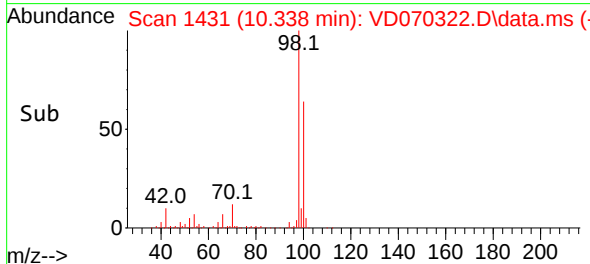
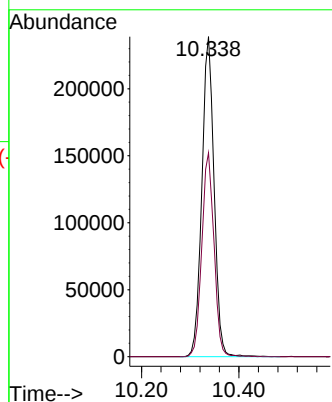
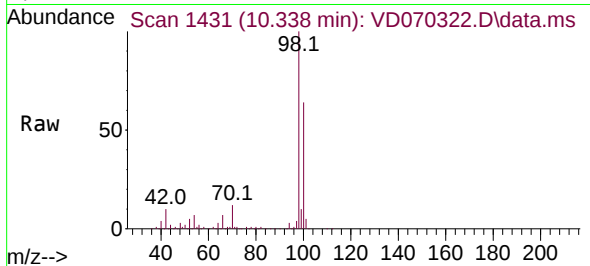




#50
Toluene-d8
Concen: 52.955 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

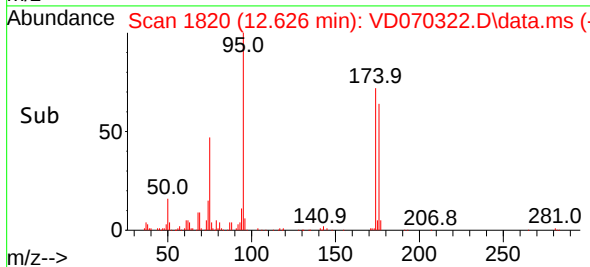
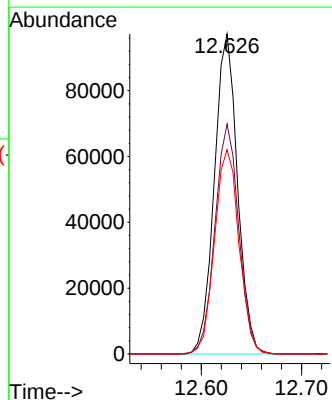
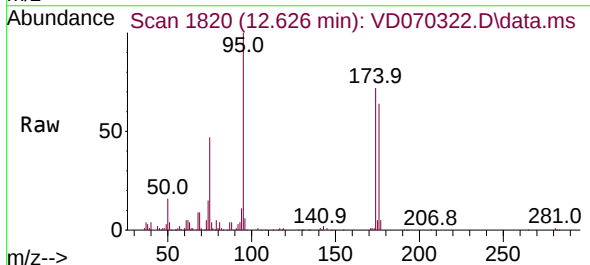
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

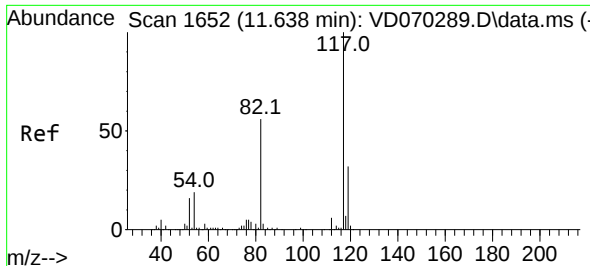
Tgt Ion: 98 Resp: 415124
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.811 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 95 Resp: 155645
Ion Ratio Lower Upper
95 100
174 73.5 0.0 140.6
176 68.0 0.0 137.4

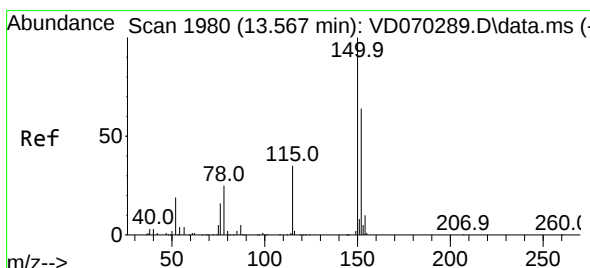
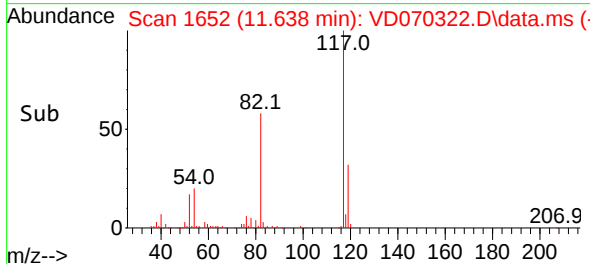
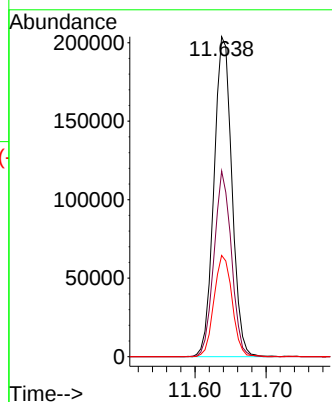
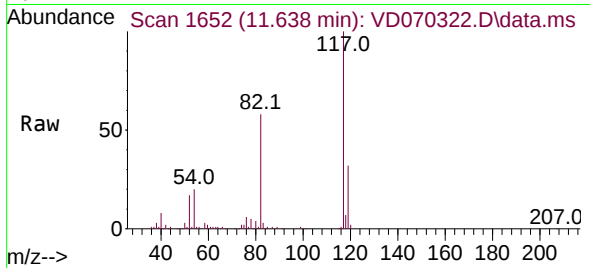




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

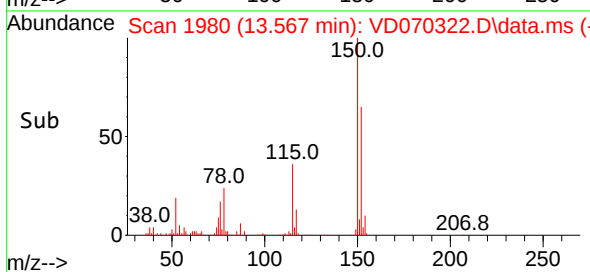
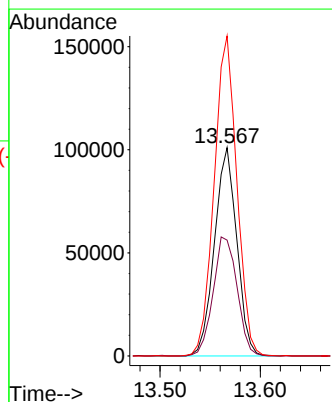
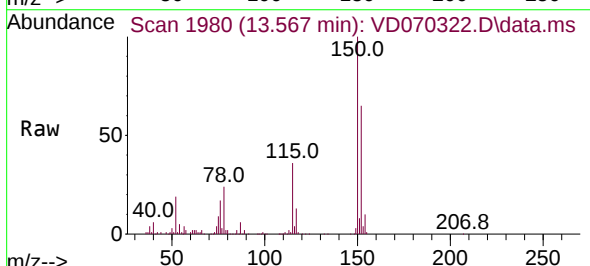
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

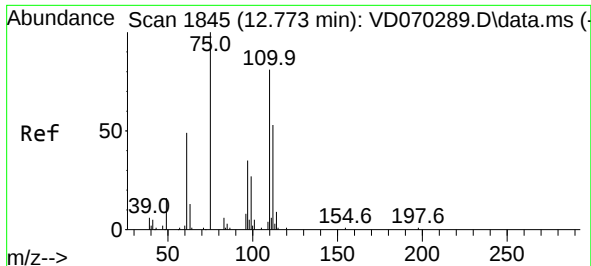
Tgt Ion:	117	Resp:	356576
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.0	67.4
119	31.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion:	152	Resp:	156210
Ion	Ratio	Lower	Upper
152	100		
115	61.3	32.1	96.3
150	156.2	0.0	350.6

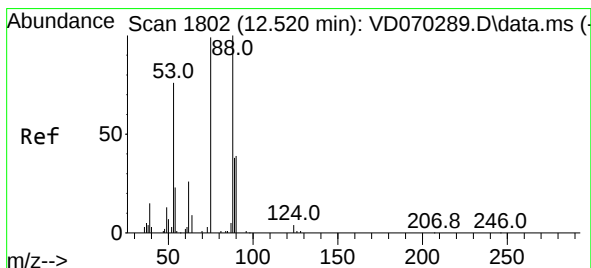
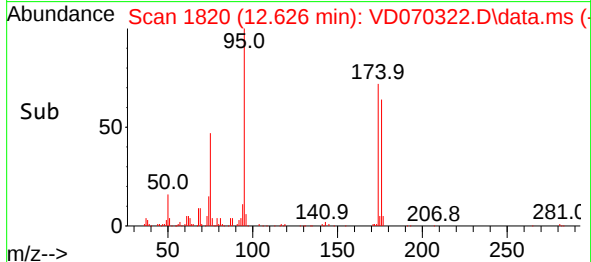
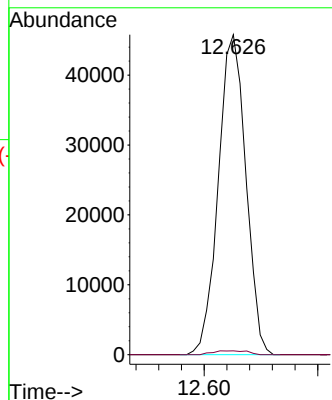
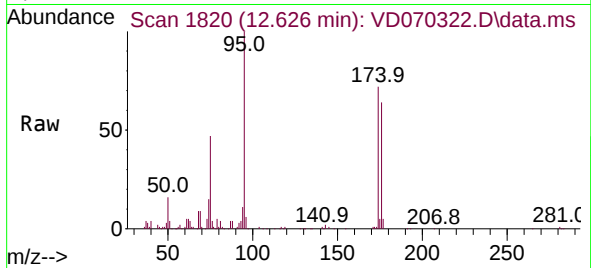




#76
1,2,3-Trichloropropane
Concen: 48.658 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Instrument :
MSVOA_D
ClientSampleId :
OK-03-090921RE

Tgt Ion: 75 Resp: 76884
Ion Ratio Lower Upper
75 100
77 1.5 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.917 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070322.D
Acq: 13 Sep 2021 13:07

Tgt Ion: 75 Resp: 76884
Ion Ratio Lower Upper
75 100
53 0.1 64.2 96.2#
89 0.0 35.6 53.4#

