

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070313.D
 Acq On : 10 Sep 2021 21:34
 Operator : VA/SY
 Sample : M3684-14
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

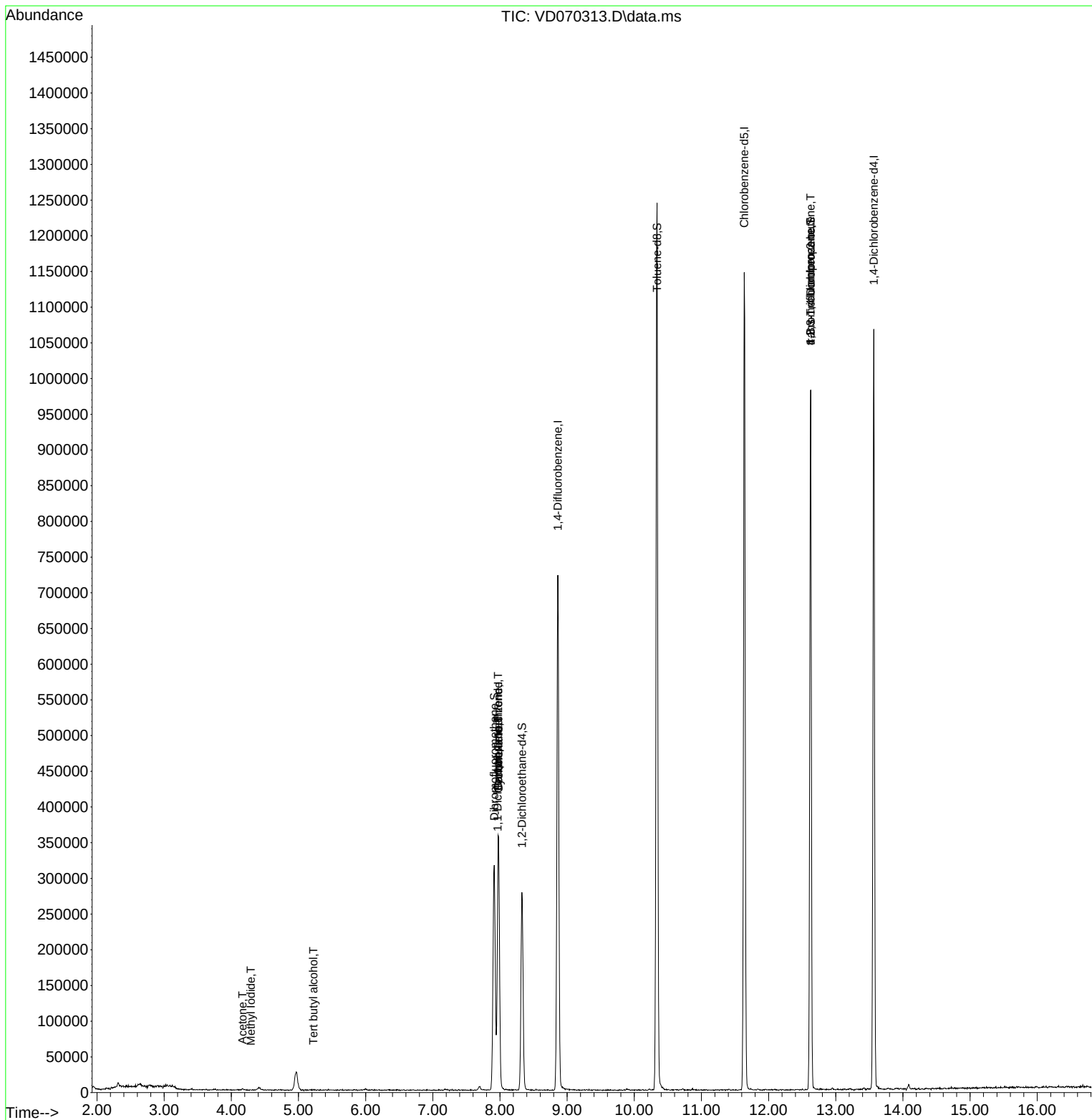
Quant Time: Sep 11 02:30:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

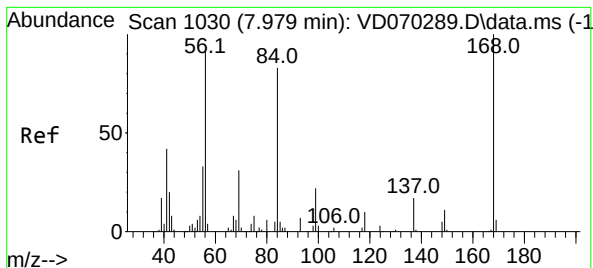
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	253087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	671163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	272904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216881	66.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.480%	
35) Dibromofluoromethane	7.914	113	232665	53.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.220%	
50) Toluene-d8	10.338	98	845440	53.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.300%	
62) 4-Bromofluorobenzene	12.626	95	288784	52.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.880%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	66	Below Cal	#	43
3) Chloromethane	2.209	50	719	Below Cal	#	42
5) Bromomethane	2.785	94	1720	Below Cal	#	55
6) Chloroethane	2.968	64	96	Below Cal	#	43
10) Methyl Iodide	4.291	142	132	1.070	ug/l #	39
11) Tert butyl alcohol	5.220	59	540	1.470	ug/l #	100
16) Acetone	4.168	43	1397	2.408	ug/l	91
18) Methyl Acetate	4.926	43	183	Below Cal	#	48
20) Methylene Chloride	4.967	84	20693	Below Cal		90
31) Cyclohexane	7.979	56	6571	1.174	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	22706	3.484	ug/l #	43
38) Carbon Tetrachloride	7.973	117	28083	4.357	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	144235	52.250	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	144235	130.918	ug/l #	17

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

Quant Time: Sep 11 02:30:03 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: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070313.D

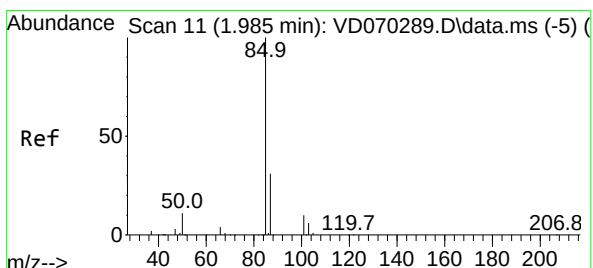
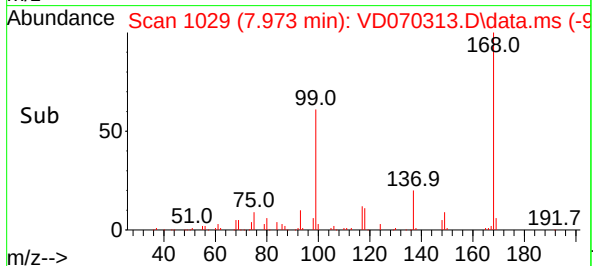
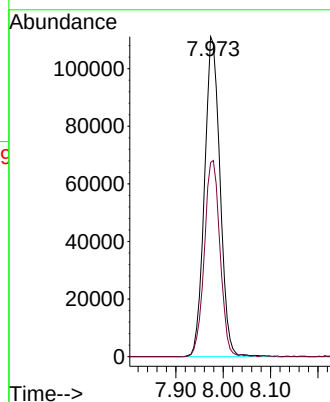
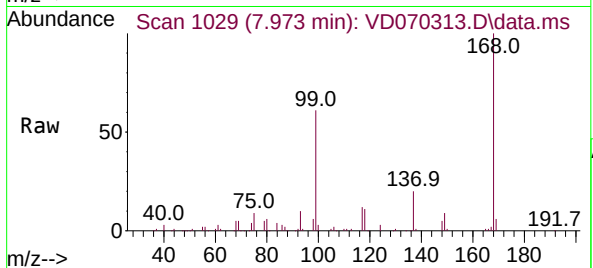
Acq: 10 Sep 2021 21:34

Tgt Ion:168 Resp: 253087

Ion Ratio Lower Upper

168 100

99 60.7 50.8 76.2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD070313.D

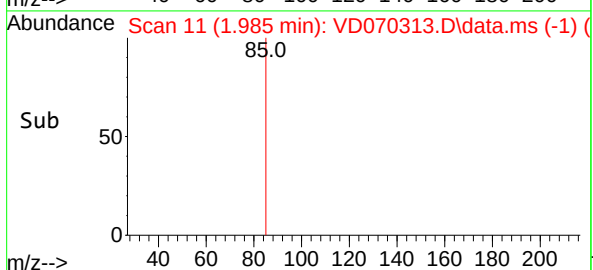
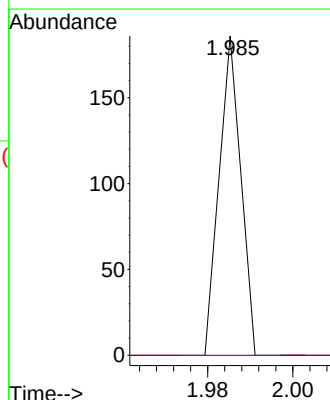
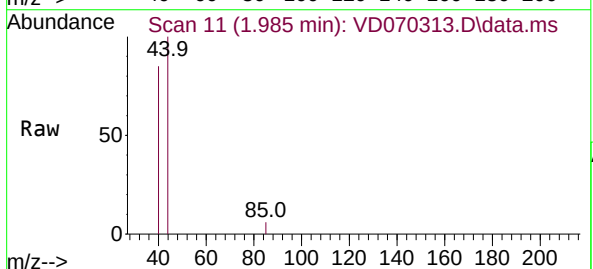
Acq: 10 Sep 2021 21:34

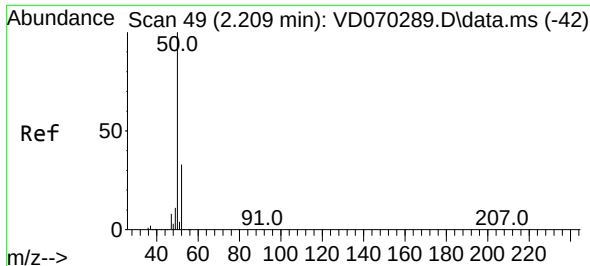
Tgt Ion: 85 Resp: 66

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#

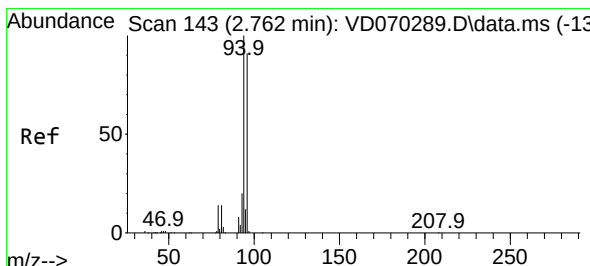
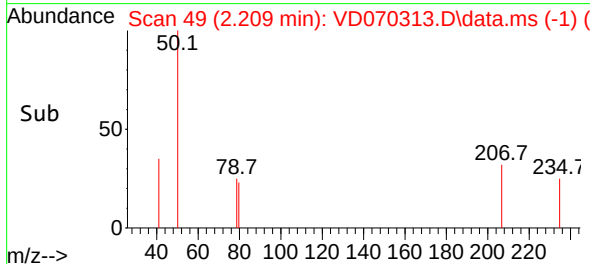
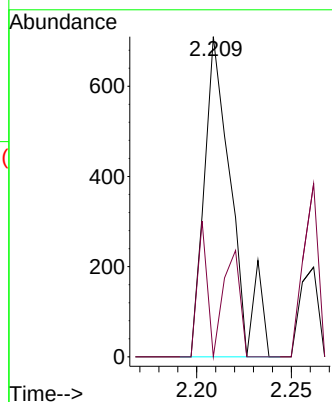
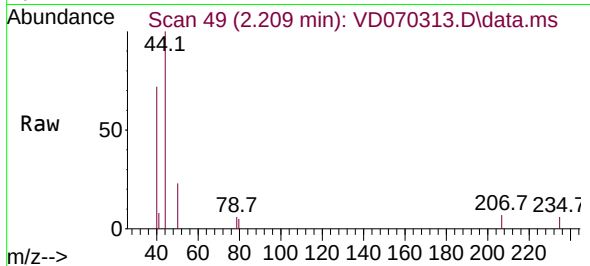




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

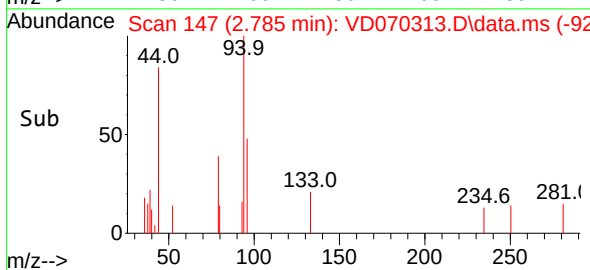
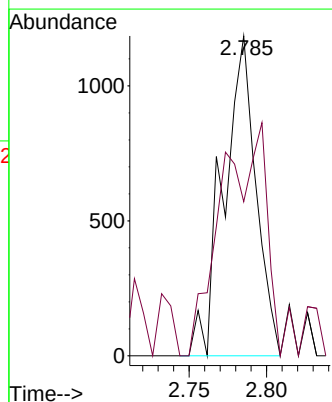
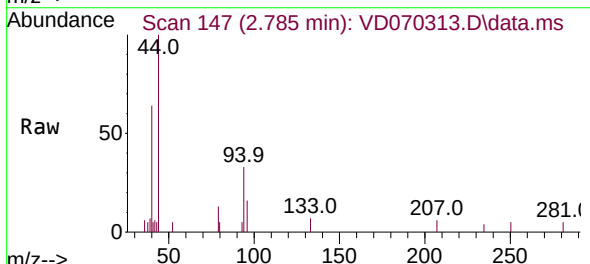
Instrument :
MSVOA_D
ClientSampleId :

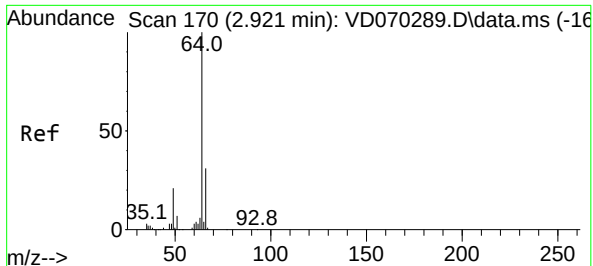
Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 94 Resp: 1720
Ion Ratio Lower Upper
94 100
96 48.2 73.0 109.6#

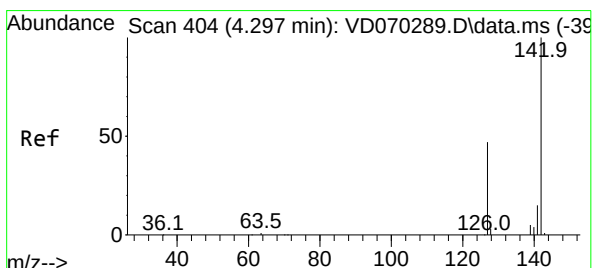
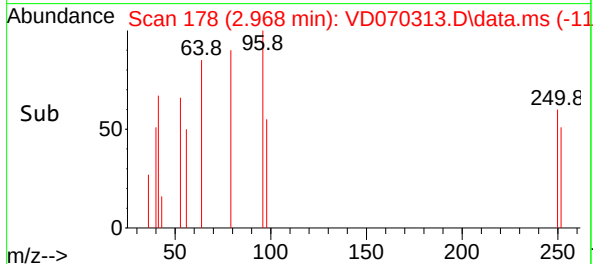
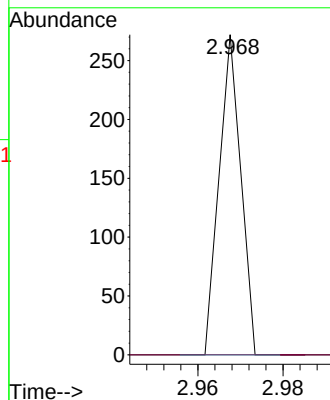
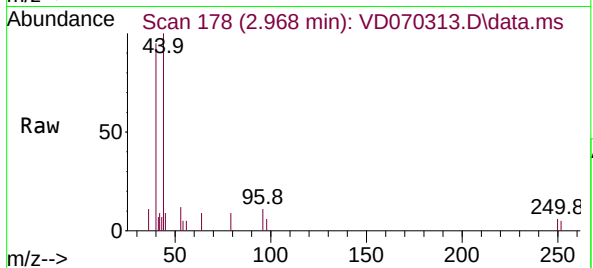




#6
Chloroethane
Concen: Below Cal
RT: 2.968 min Scan# 178
Delta R.T. 0.047 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

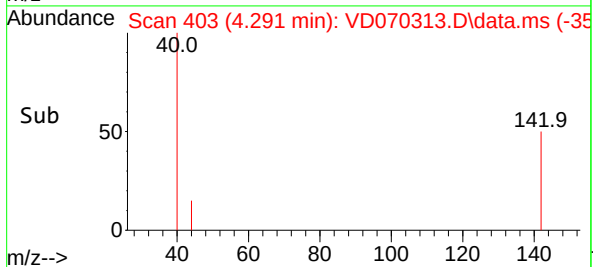
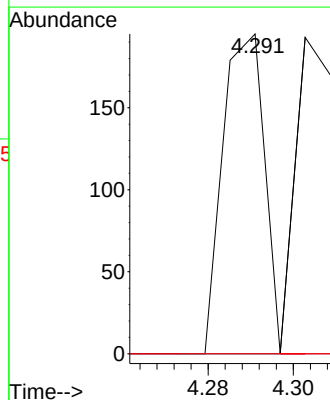
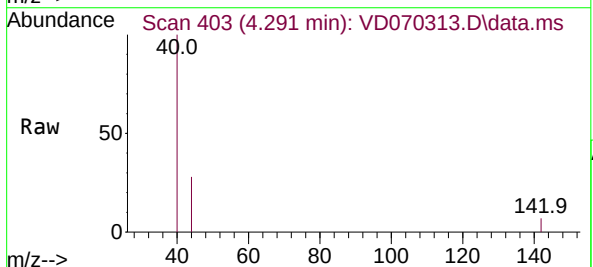
Instrument :
MSVOA_D
ClientSampleId :

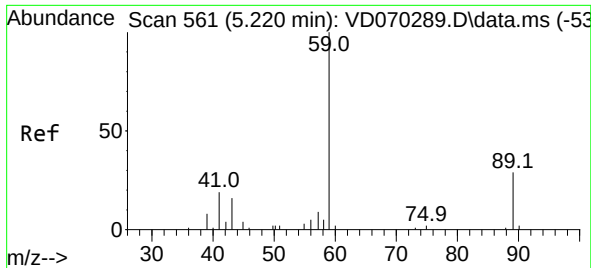
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.070 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 142 Resp: 132
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

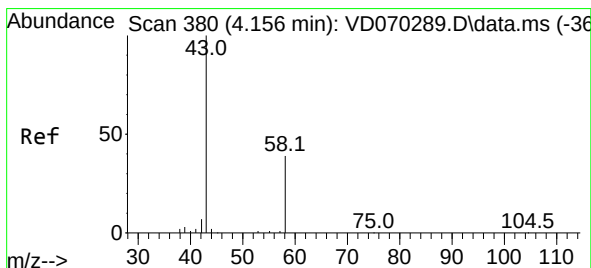
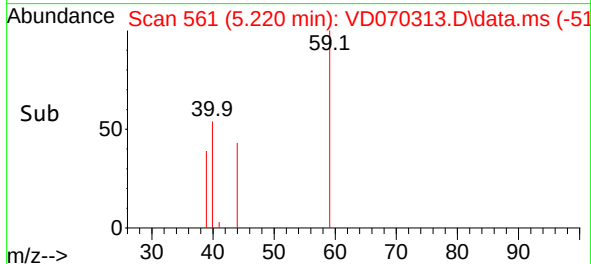
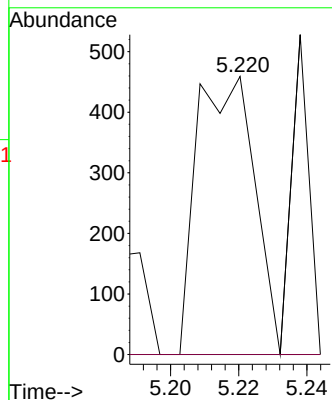
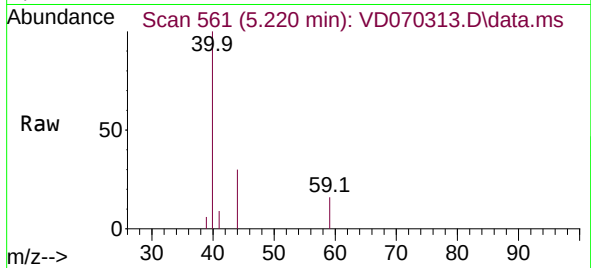




#11
Tert butyl alcohol
Concen: 1.470 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

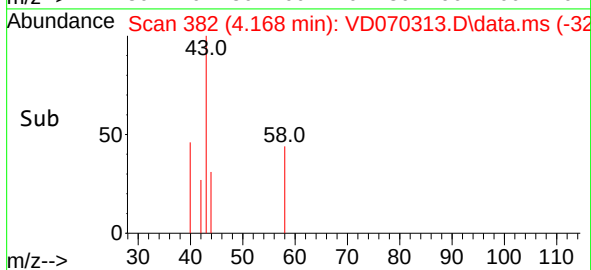
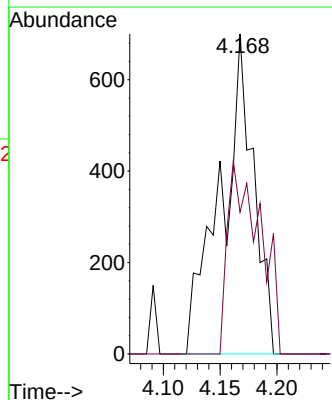
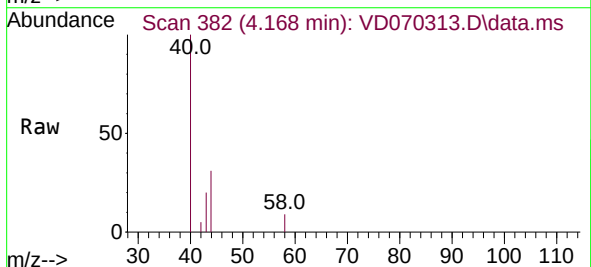
Instrument :
MSVOA_D
ClientSampled :

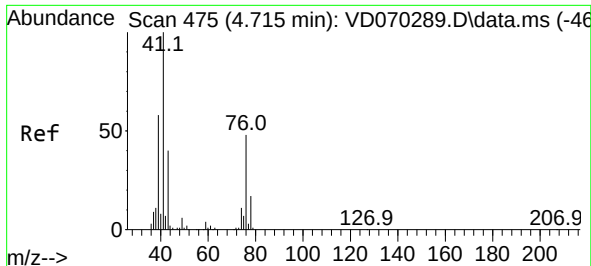
Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 2.408 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
58 44.3 30.9 46.3

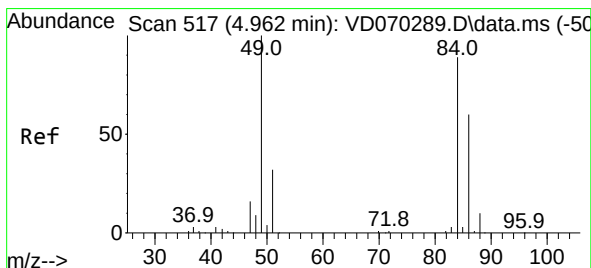
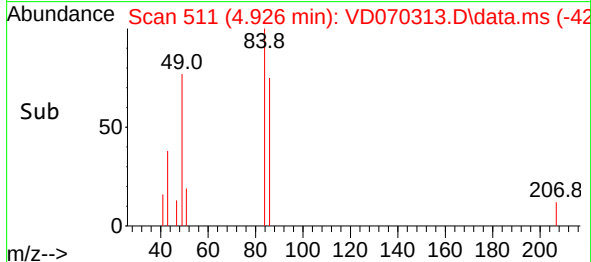
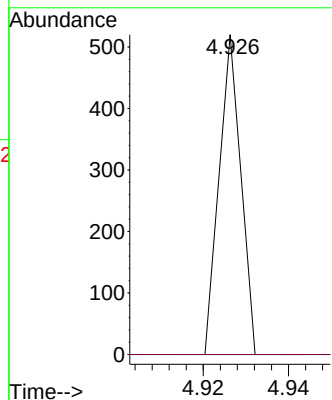
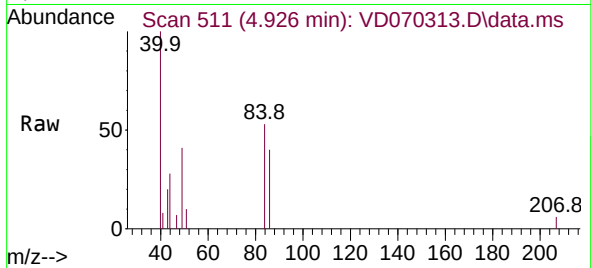




#18
Methyl Acetate
Concen: Below Cal
RT: 4.926 min Scan# 511
Delta R.T. 0.211 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

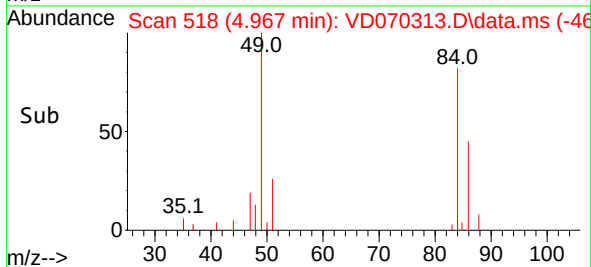
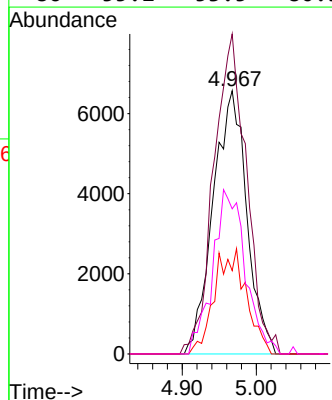
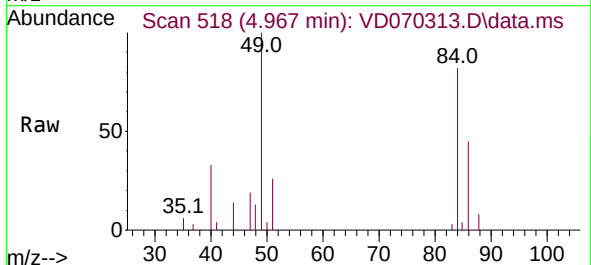
Instrument :
MSVOA_D
ClientSampled :

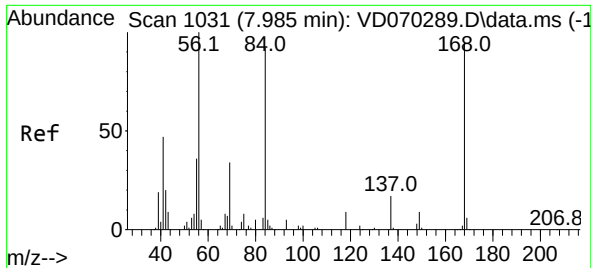
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 84 Resp: 20693
Ion Ratio Lower Upper
84 100
49 121.5 89.6 134.4
51 31.7 28.6 43.0
86 55.2 53.5 80.3

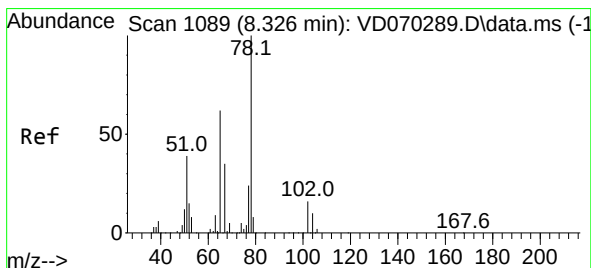
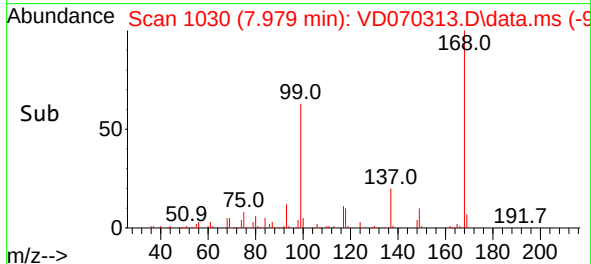
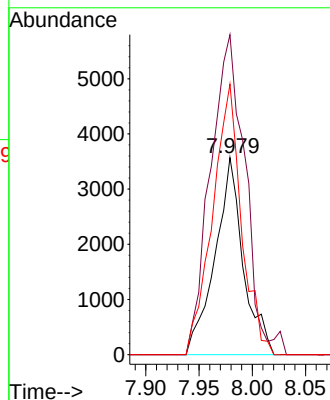
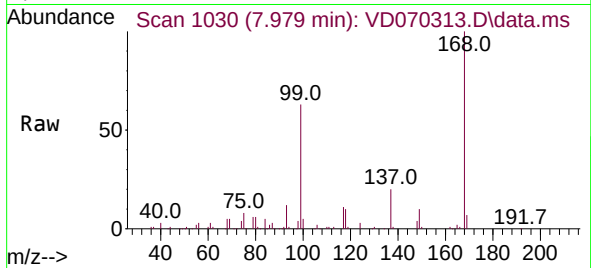




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

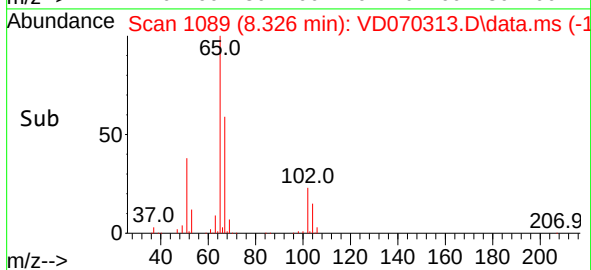
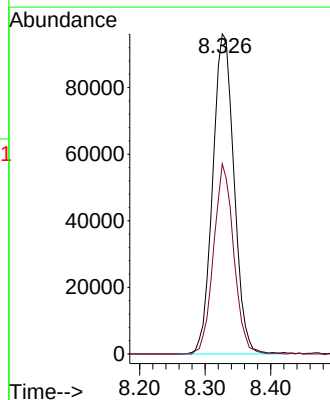
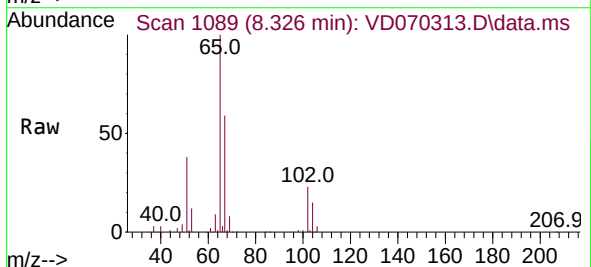
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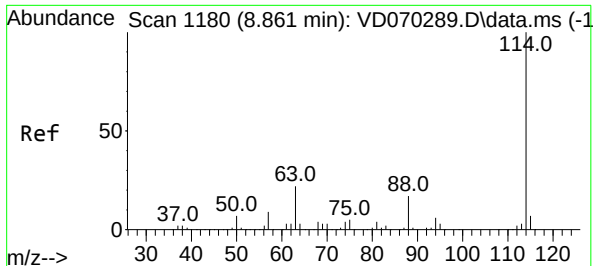
Tgt Ion: 56 Resp: 6571
Ion Ratio Lower Upper
56 100
69 162.3 26.9 40.3#
84 146.3 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 66.739 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 65 Resp: 216881
Ion Ratio Lower Upper
65 100
67 56.2 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: VD070313.D

Acq: 10 Sep 2021 21:34

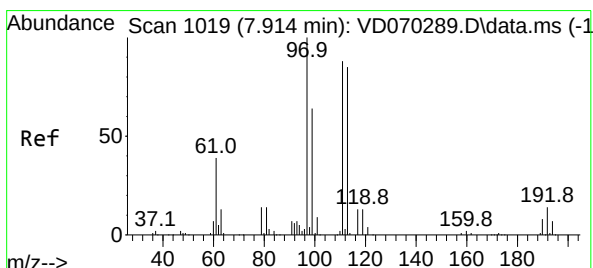
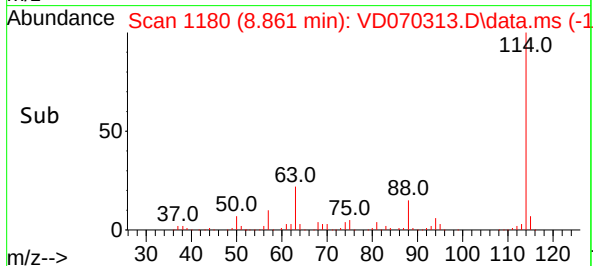
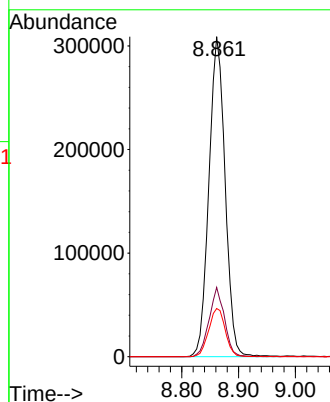
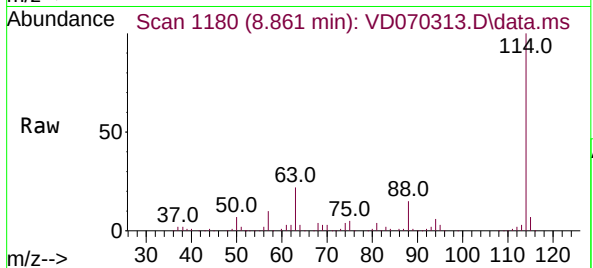
Tgt Ion:114 Resp: 609703

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 15.0 0.0 33.4



#35

Dibromofluoromethane

Concen: 53.610 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070313.D

Acq: 10 Sep 2021 21:34

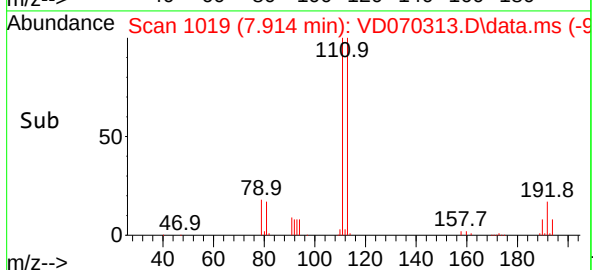
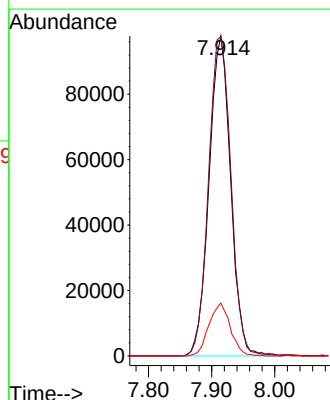
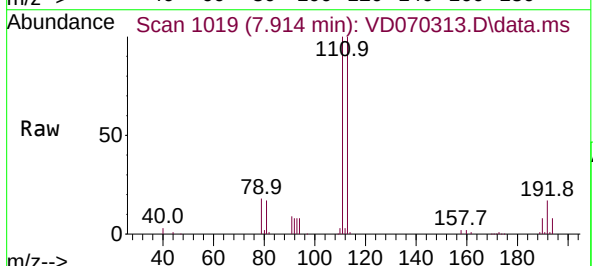
Tgt Ion:113 Resp: 232665

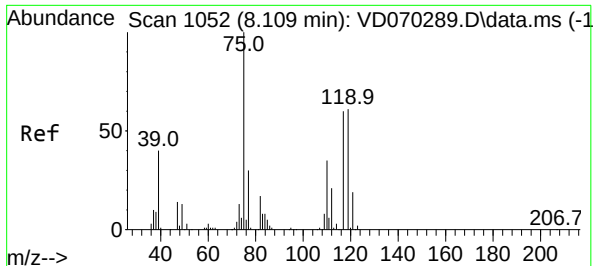
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.2

192 16.4 13.0 19.6

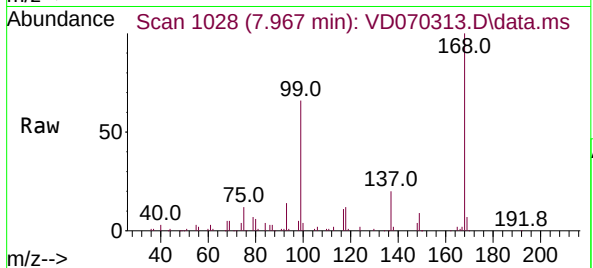




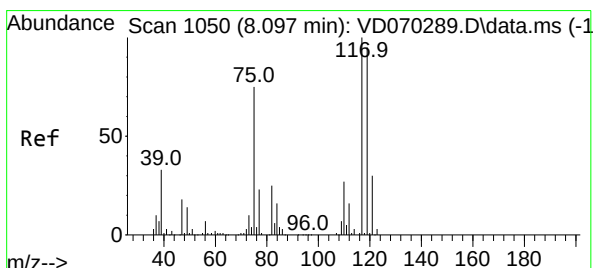
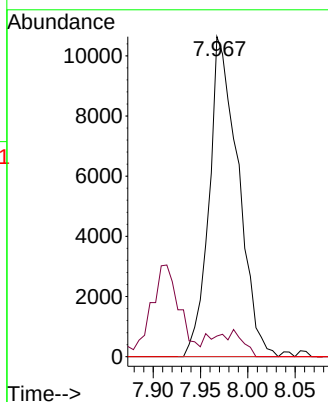
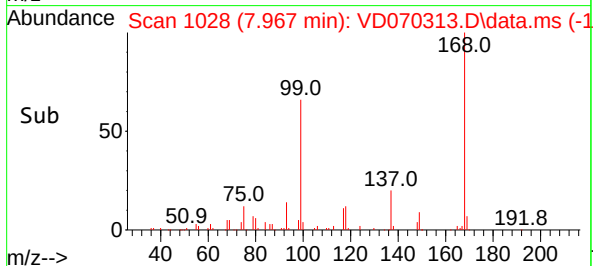
#36

1,1-Dichloropropene
Concen: 3.484 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Instrument :
MSVOA_D
ClientSampled :

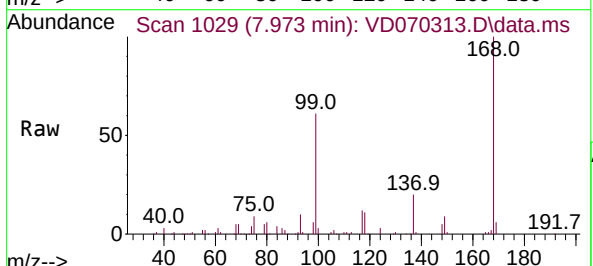


Tgt Ion:	75	Resp:	22706
Ion Ratio	100	Lower	Upper
75	100		
110	2.6	17.9	53.7#
77	0.0	25.3	37.9#

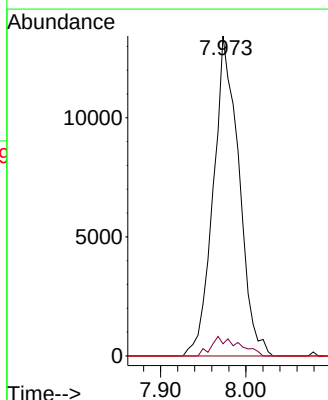
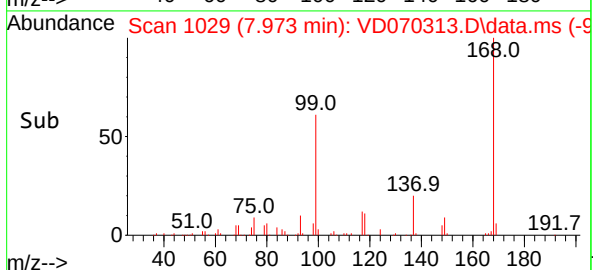


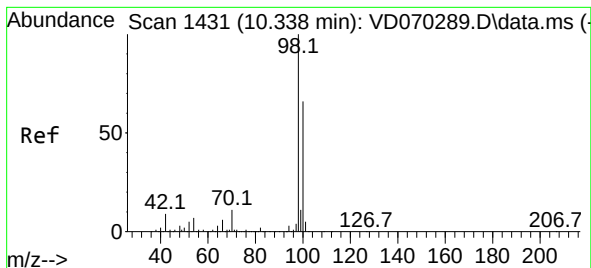
#38

Carbon Tetrachloride
Concen: 4.357 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34



Tgt Ion:	117	Resp:	28083
Ion Ratio	100	Lower	Upper
117	100		
119	3.8	76.1	114.1#
121	0.0	23.8	35.6#

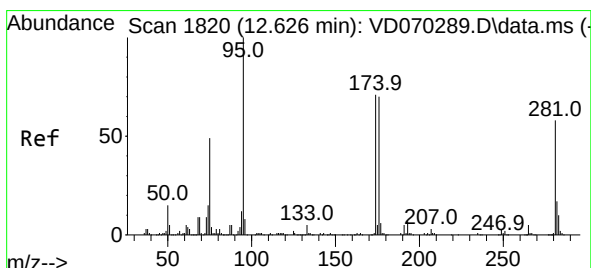
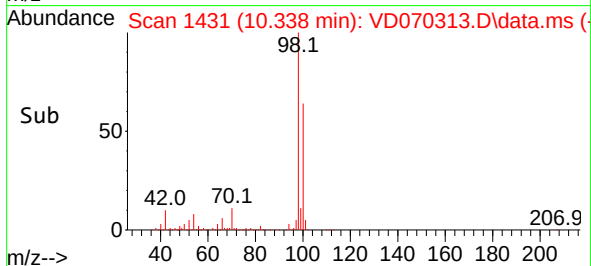
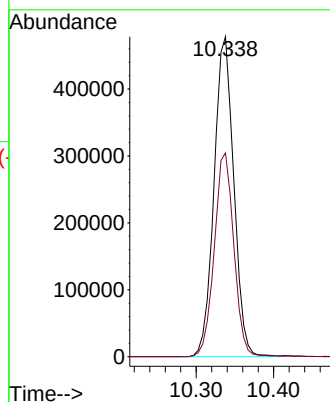
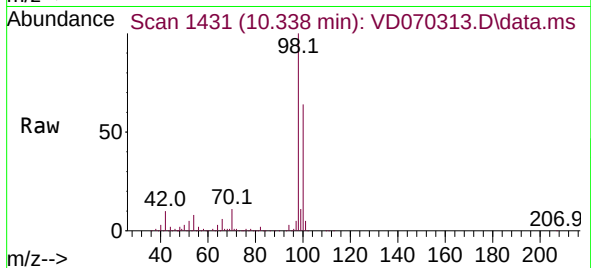




#50
Toluene-d8
Concen: 53.654 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

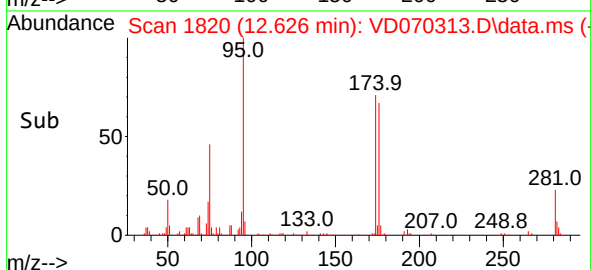
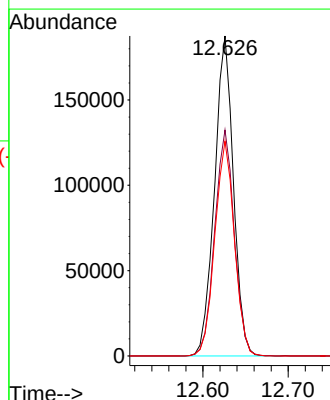
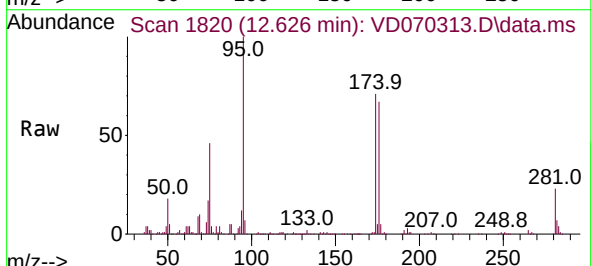
Instrument :
MSVOA_D
ClientSampleId :

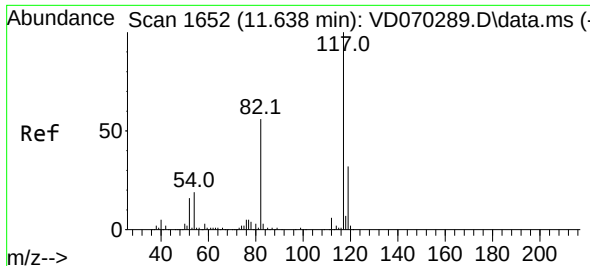
Tgt Ion: 98 Resp: 845440
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.440 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 95 Resp: 288784
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 69.6 0.0 137.4

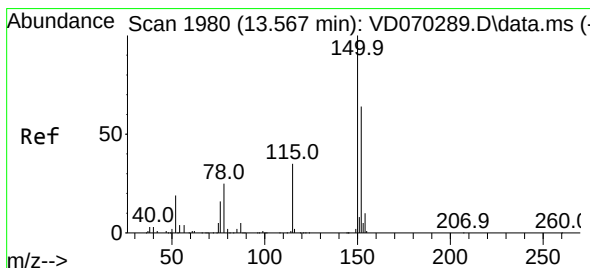
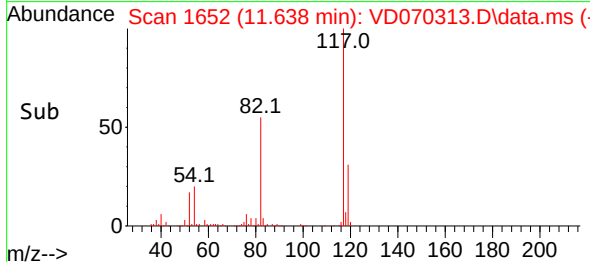
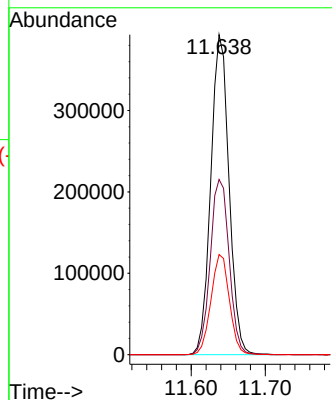
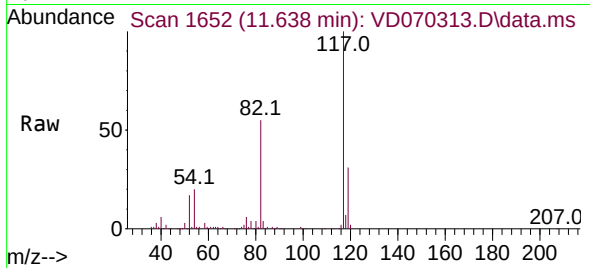




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

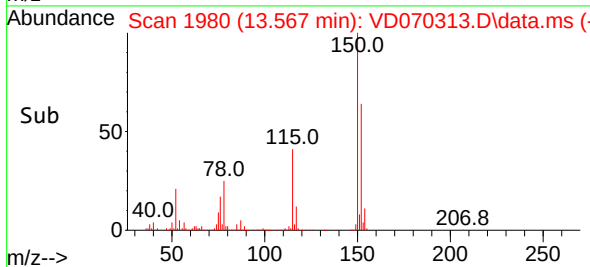
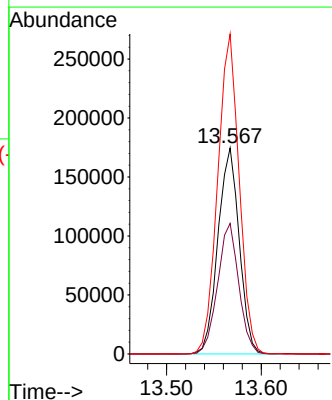
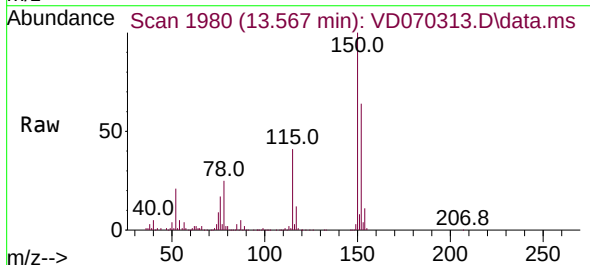
Instrument :
MSVOA_D
ClientSampleId :

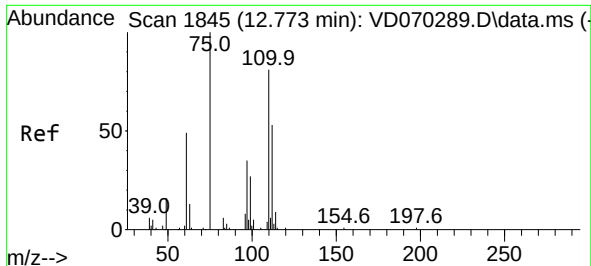
Tgt Ion:117 Resp: 671163
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion:152 Resp: 272904
Ion Ratio Lower Upper
152 100
115 63.0 32.1 96.3
150 156.4 0.0 350.6

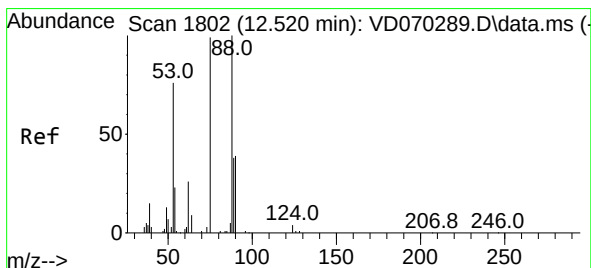
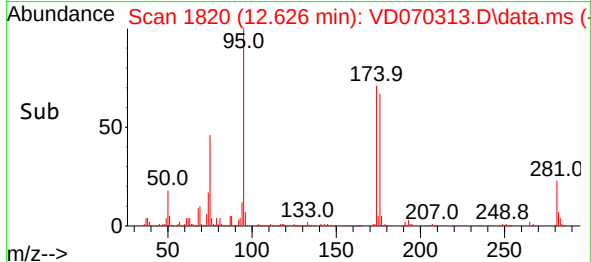
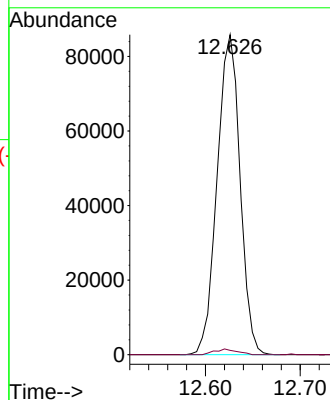
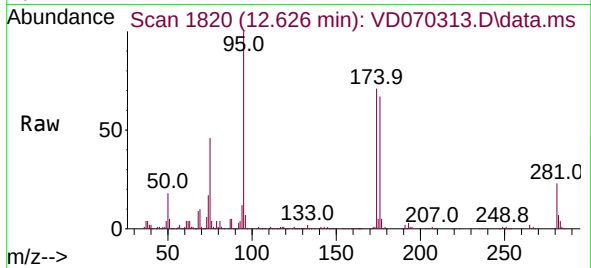




#76
1,2,3-Trichloropropane
Concen: 52.250 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 144235
Ion Ratio Lower Upper
75 100
77 1.7 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.918 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 75 Resp: 144235
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.3 35.6 53.4#

