

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070363.D
 Acq On : 14 Sep 2021 19:55
 Operator : VA/SY
 Sample : M3687-34
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A012145

Quant Time: Sep 15 02:48:23 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)

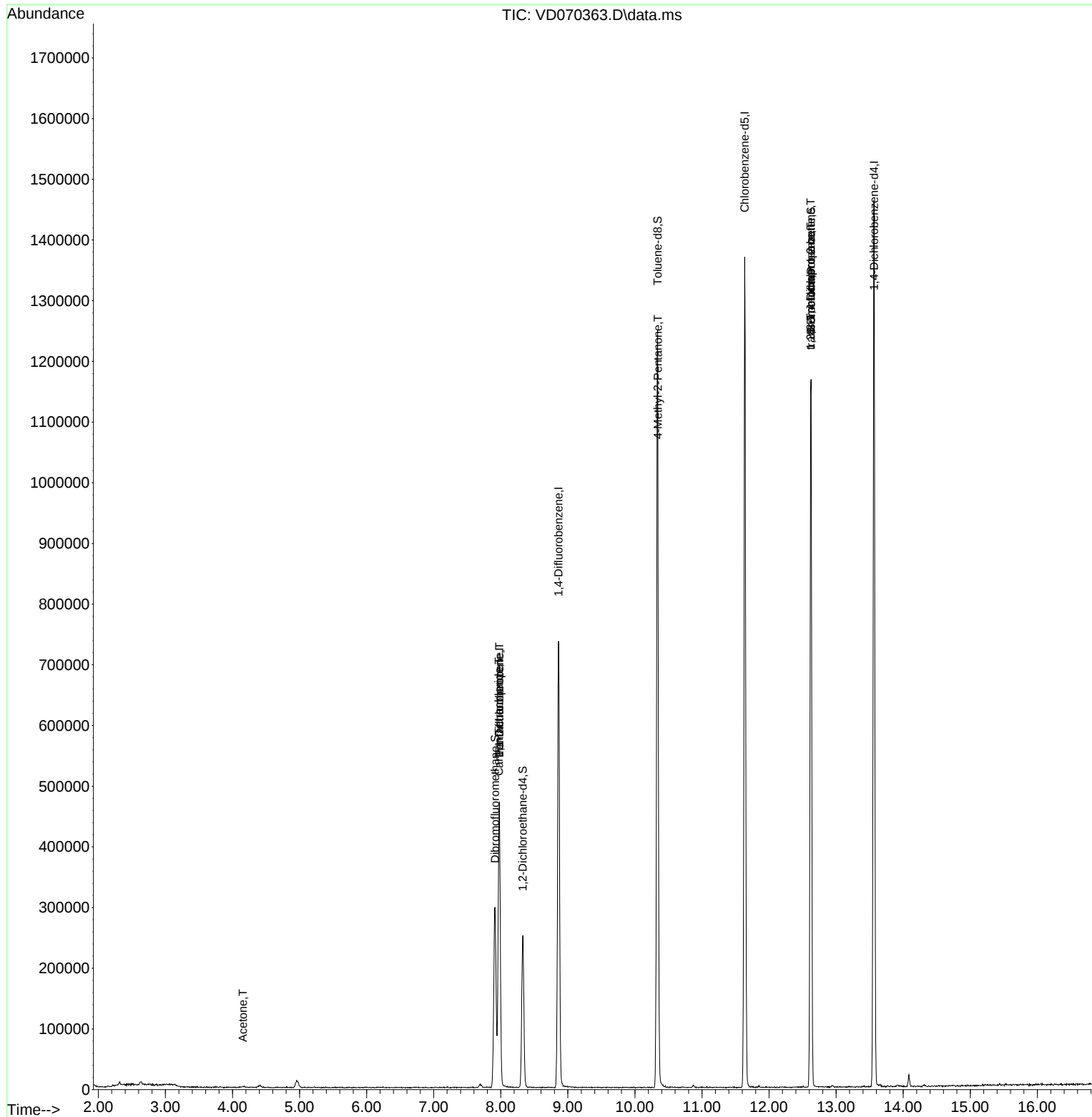
Internal Standards						
1) Pentafluorobenzene	7.979	168	331128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	793964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	392223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197084	46.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.700%
35) Dibromofluoromethane	7.914	113	223286	50.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.338	98	852807	52.871	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.740%
62) 4-Bromofluorobenzene	12.626	95	384235	68.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.220	50	438	Below Cal	#	42
5) Bromomethane	2.779	94	428	Below Cal	#	68
6) Chloroethane	3.091	64	77	Below Cal	#	43
16) Acetone	4.156	43	1871	2.465	ug/l #	83
18) Methyl Acetate	4.844	43	62	Below Cal	#	48
20) Methylene Chloride	4.956	84	9637	Below Cal	#	84
36) 1,1-Dichloropropene	7.979	75	31030	4.651	ug/l #	47
38) Carbon Tetrachloride	7.973	117	35795	5.425	ug/l #	19
51) 4-Methyl-2-Pentanone	10.343	43	3464	1.451	ug/l #	1
71) Bromoform	12.626	173	3567	1.198	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	189673	47.808	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	189673	119.787	ug/l #	18

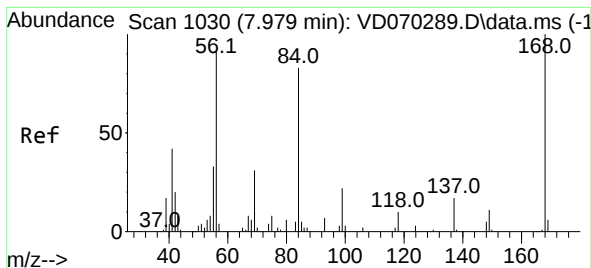
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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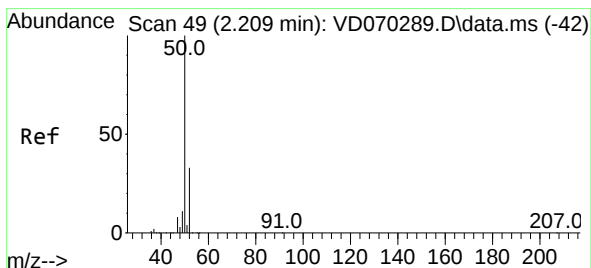
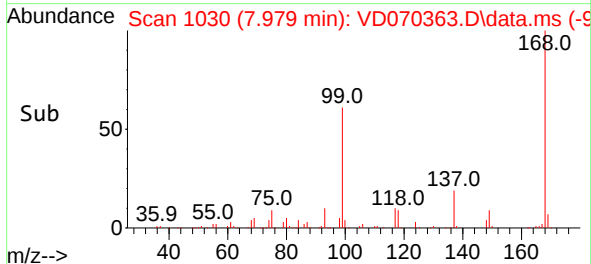
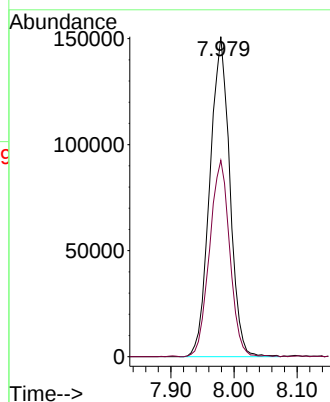
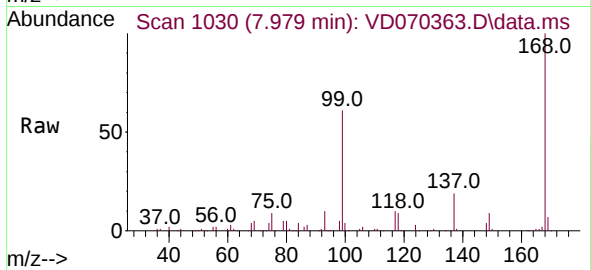




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

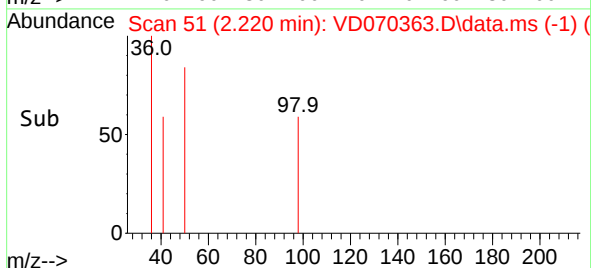
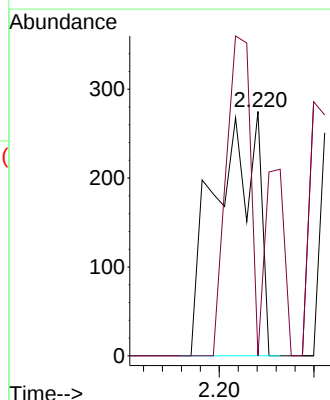
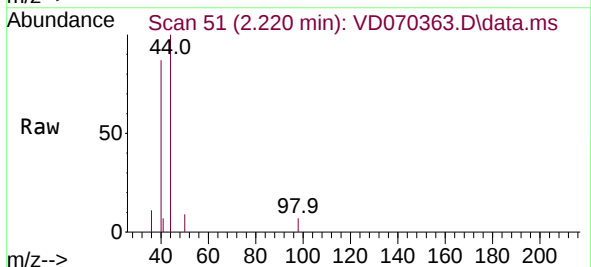
Instrument :
MSVOA_D
ClientSampleID :
A012145

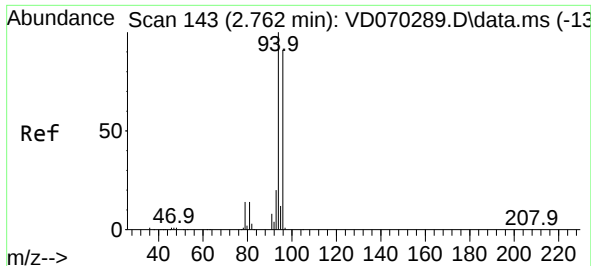
Tgt Ion:168 Resp: 331128
Ion Ratio Lower Upper
168 100
99 61.3 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.220 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 50 Resp: 438
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

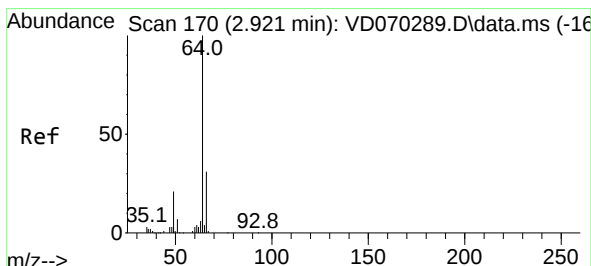
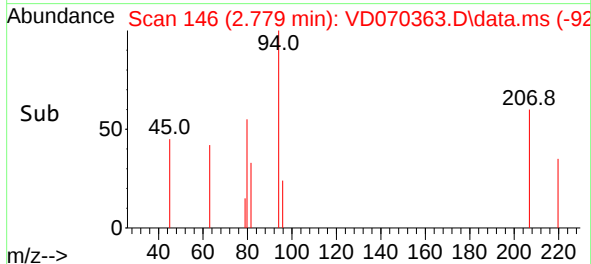
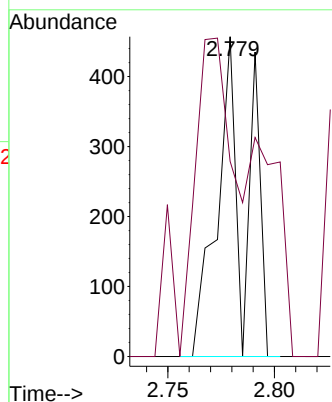
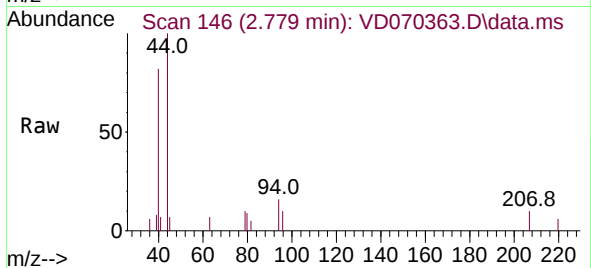




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

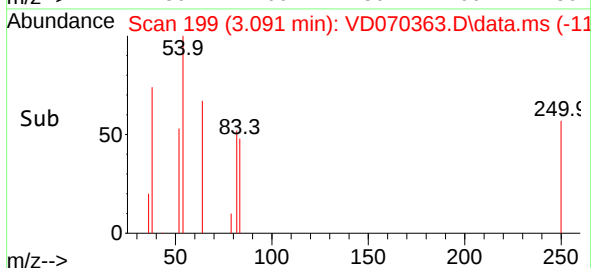
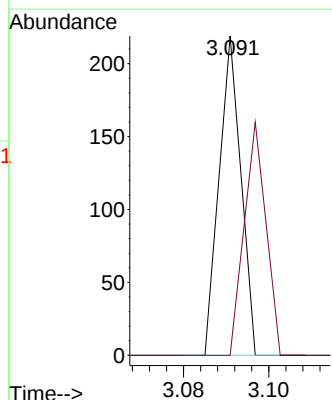
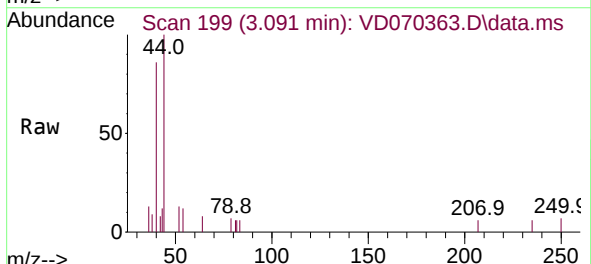
Instrument :
MSVOA_D
ClientSampleId :
A012145

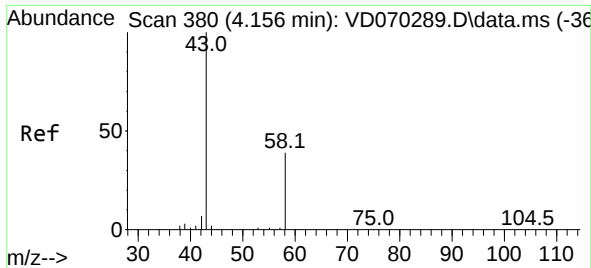
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 61.1 73.0 109.6#



#6
Chloroethane
Concen: Below Cal
RT: 3.091 min Scan# 199
Delta R.T. 0.170 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 64 Resp: 77
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

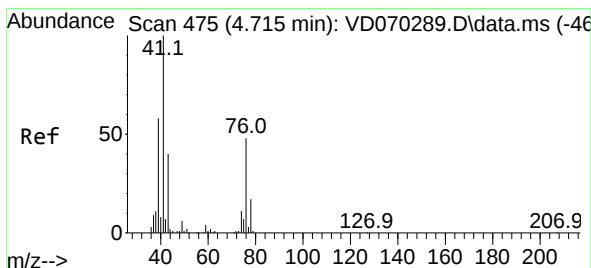
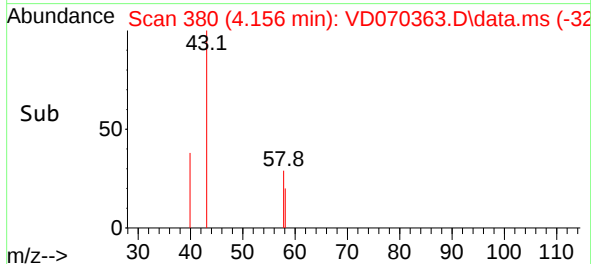
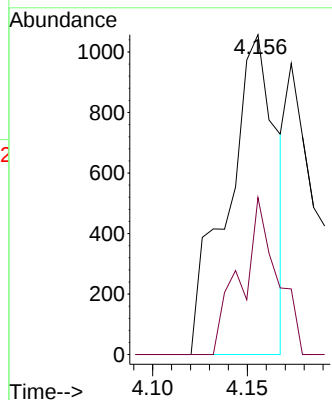
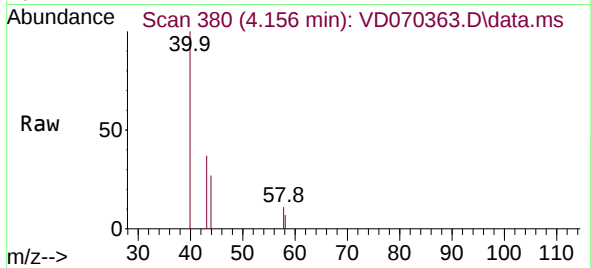




#16
Acetone
Concen: 2.465 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

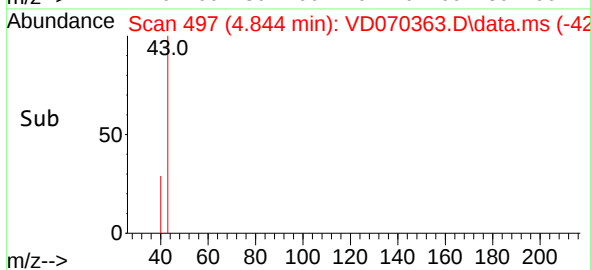
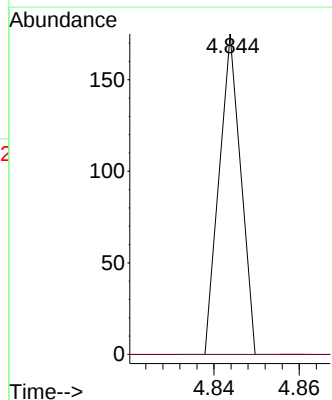
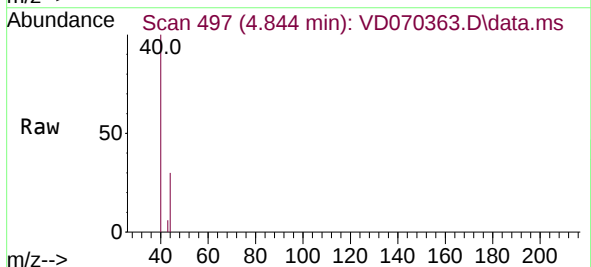
Instrument :
MSVOA_D
ClientSampleID :
A012145

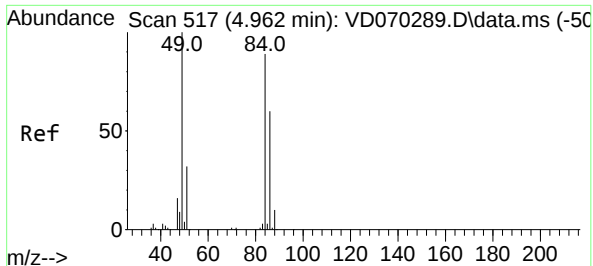
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 49.1 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.844 min Scan# 497
Delta R.T. 0.129 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

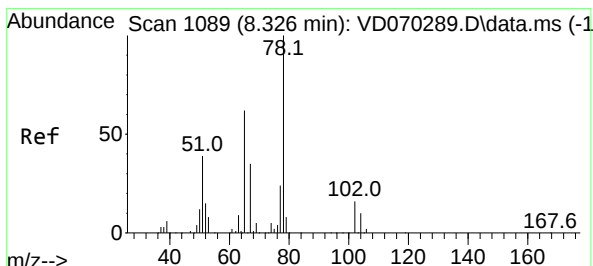
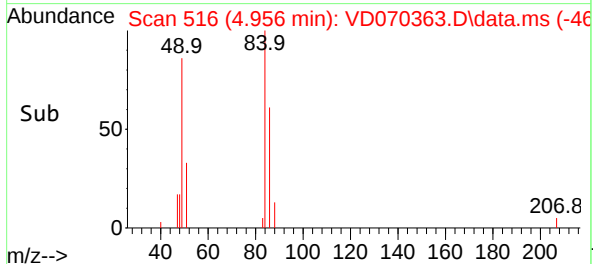
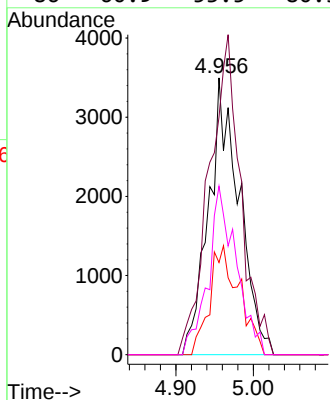
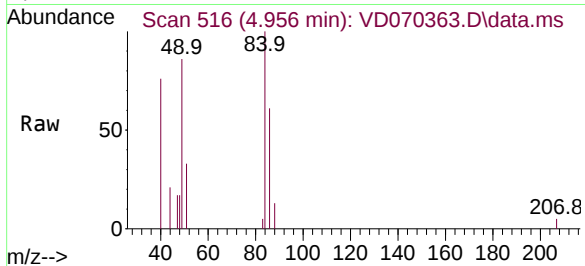




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

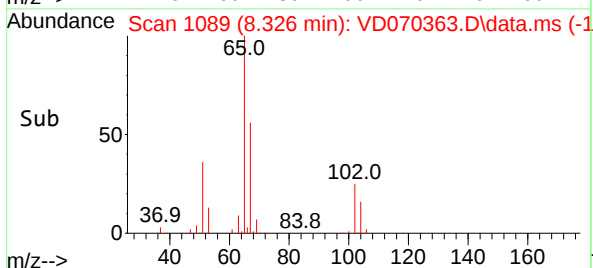
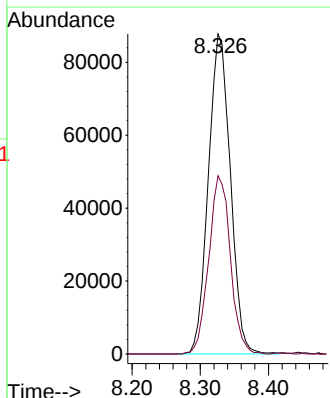
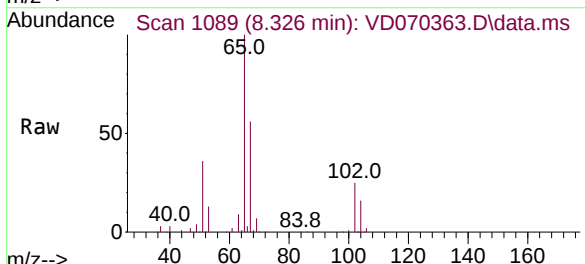
Instrument :
MSVOA_D
ClientSampleId :
A012145

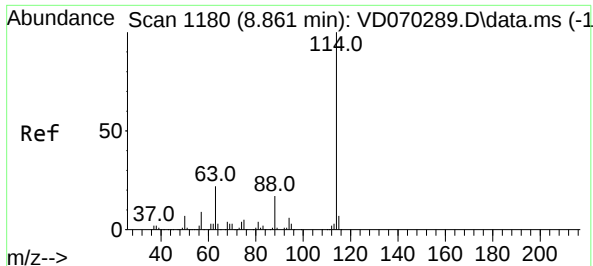
Tgt Ion:	84	Resp:	9637
Ion	Ratio	Lower	Upper
84	100		
49	85.9	89.6	134.4#
51	33.3	28.6	43.0
86	60.9	53.5	80.3



#33
1,2-Dichloroethane-d4
Concen: 46.354 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion:	65	Resp:	197084
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

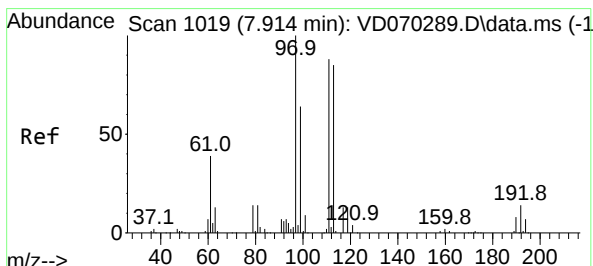
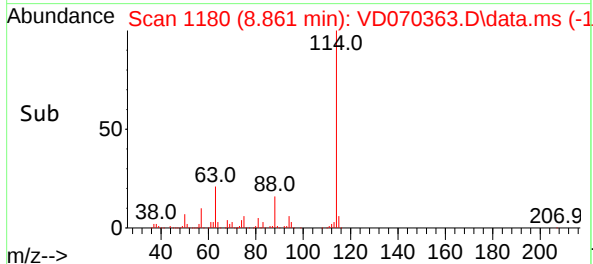
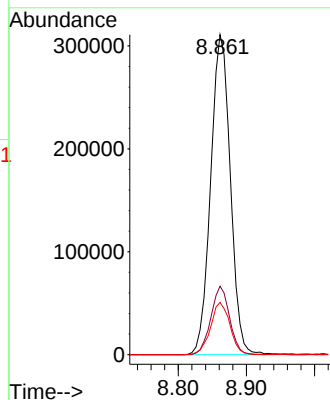
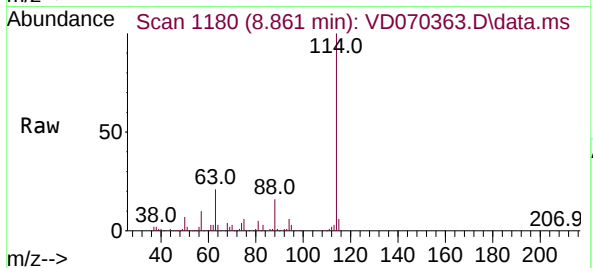
Delta R.T. -0.000 min

Lab File: VD070363.D

Acq: 14 Sep 2021 19:55

Tgt Ion:	114	Resp:	624120
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	43.4
88	16.4	0.0	33.4

Instrument :
MSVOA_D
ClientSampleId :
A012145



#35

Dibromofluoromethane

Concen: 50.261 ug/l

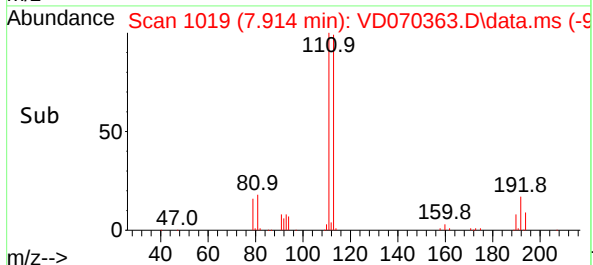
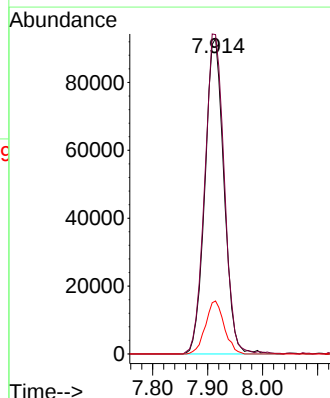
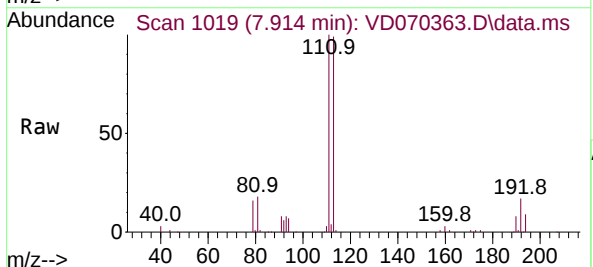
RT: 7.914 min Scan# 1019

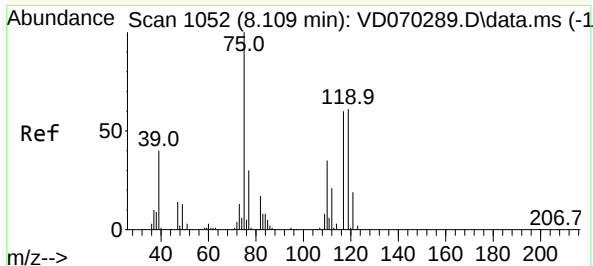
Delta R.T. -0.000 min

Lab File: VD070363.D

Acq: 14 Sep 2021 19:55

Tgt Ion:	113	Resp:	223286
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.4	122.2
192	16.5	13.0	19.6

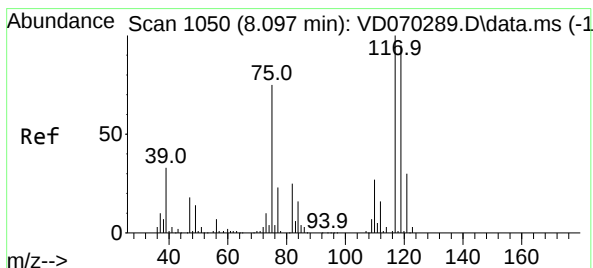
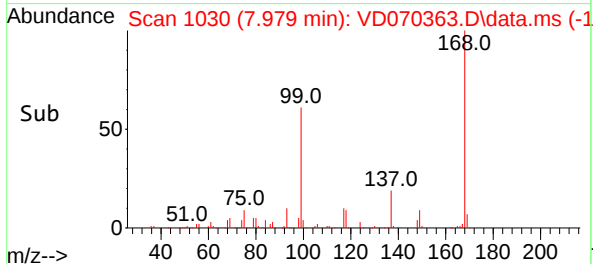
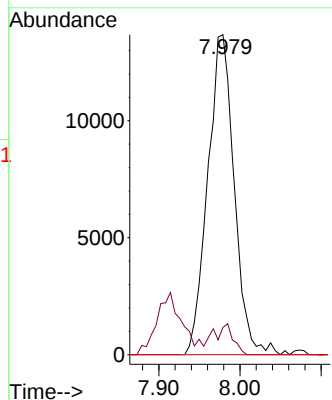
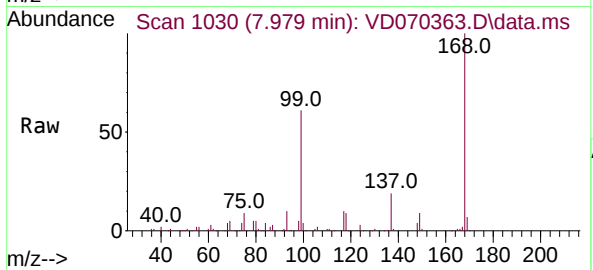




#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

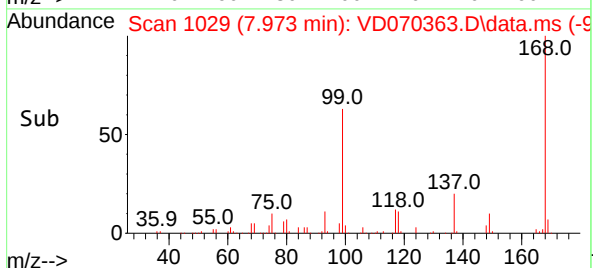
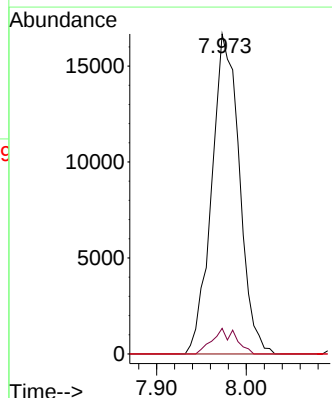
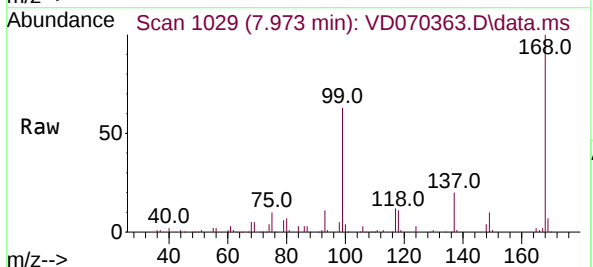
Instrument :
MSVOA_D
ClientSampled :
A012145

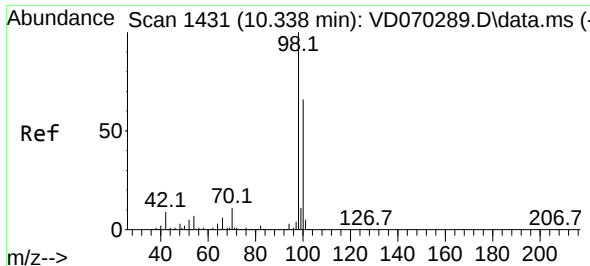
Tgt Ion: 75 Resp: 31030
Ion Ratio Lower Upper
75 100
110 7.1 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.425 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 117 Resp: 35795
Ion Ratio Lower Upper
117 100
119 8.0 76.1 114.1#
121 0.0 23.8 35.6#

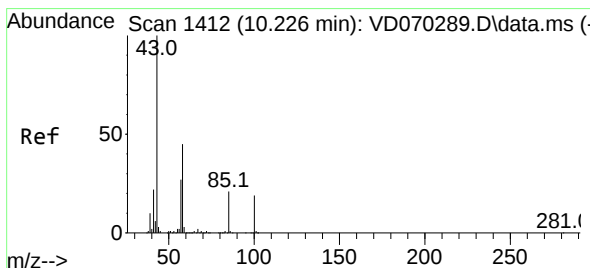
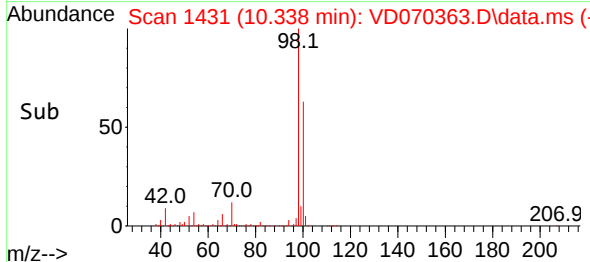
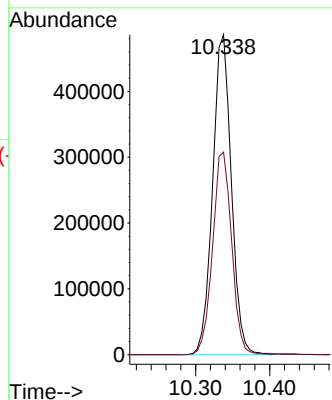
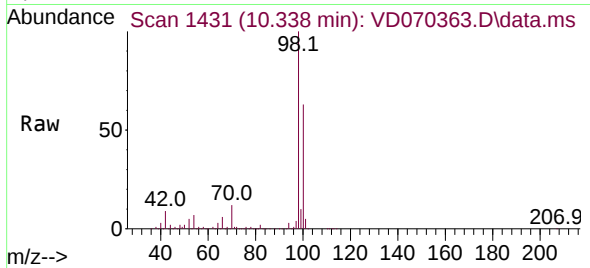




#50
Toluene-d8
Concen: 52.871 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

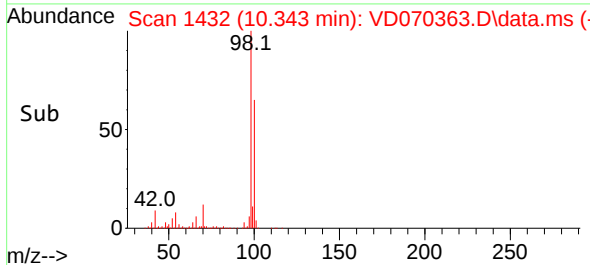
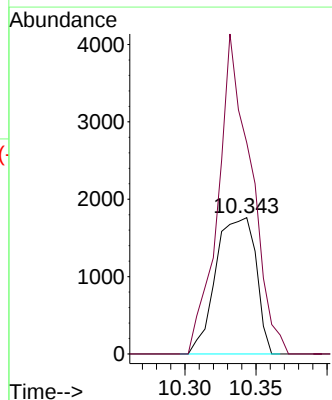
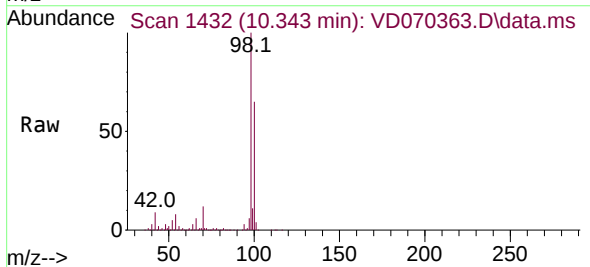
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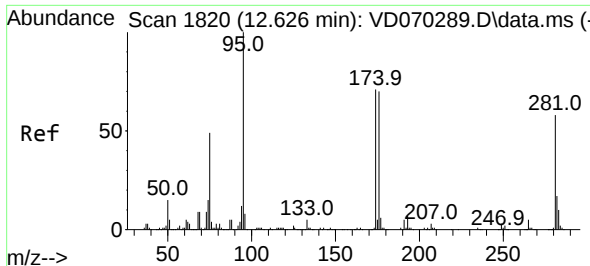
Tgt Ion: 98 Resp: 852807
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.451 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.117 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 43 Resp: 3464
Ion Ratio Lower Upper
43 100
58 192.8 35.4 53.2#

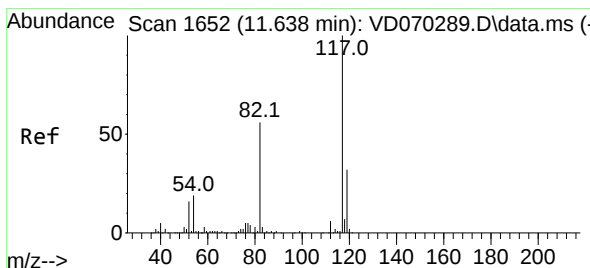
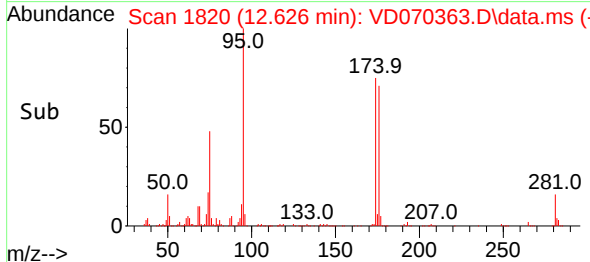
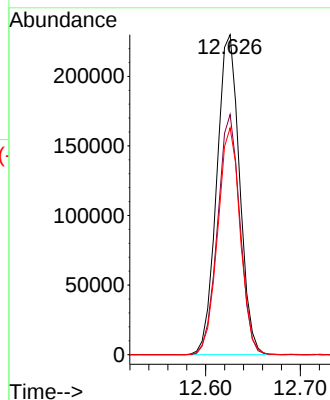
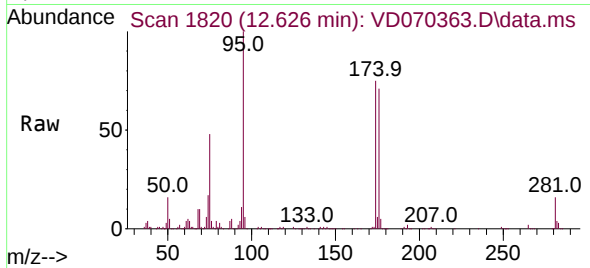




#62
4-Bromofluorobenzene
Concen: 68.161 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

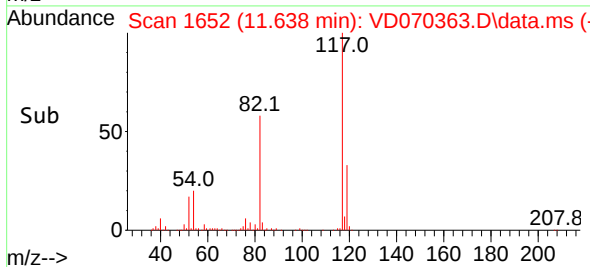
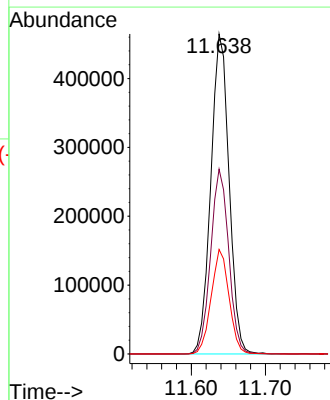
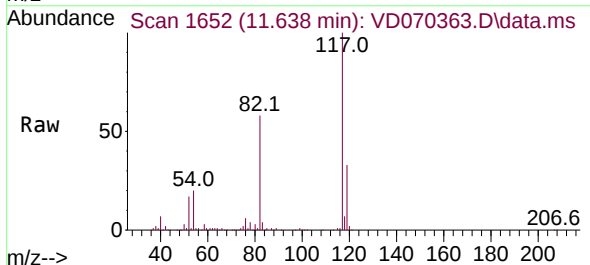
Instrument :
MSVOA_D
ClientSampleId :
A012145

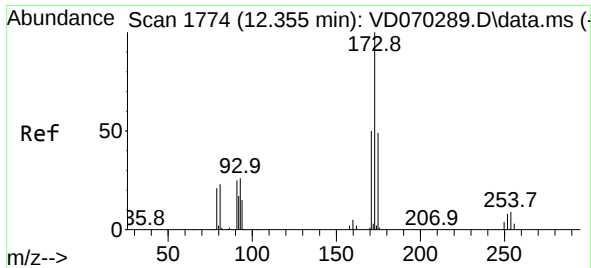
Tgt Ion: 95 Resp: 384235
Ion Ratio Lower Upper
95 100
174 73.4 0.0 140.6
176 70.0 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 117 Resp: 793964
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.7 25.2 37.8

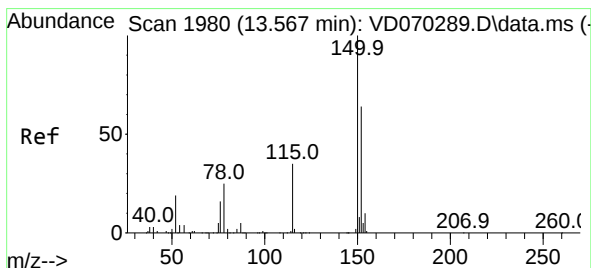
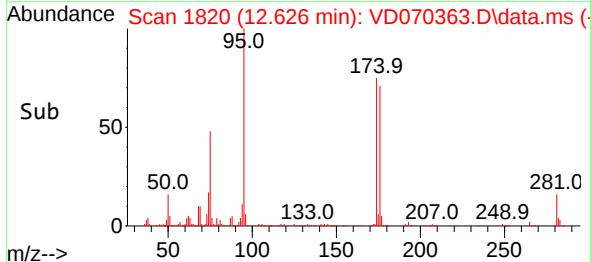
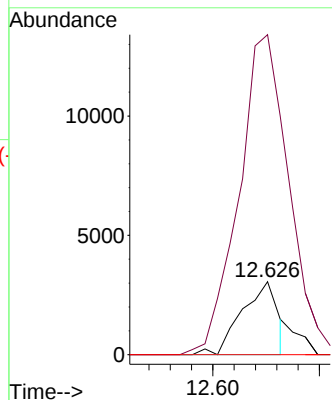
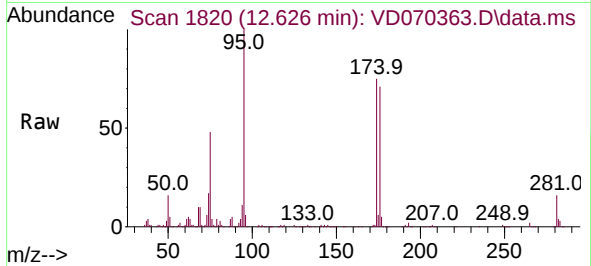




#71
Bromoform
Concen: 1.198 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

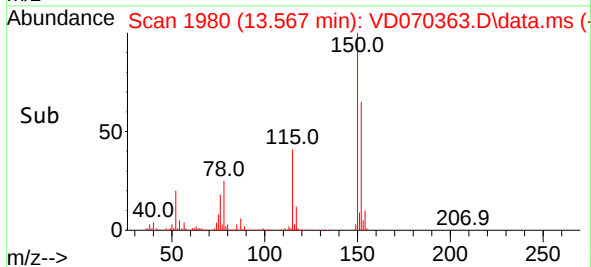
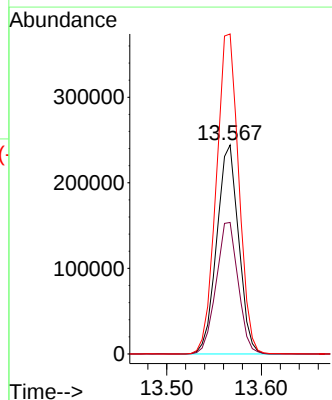
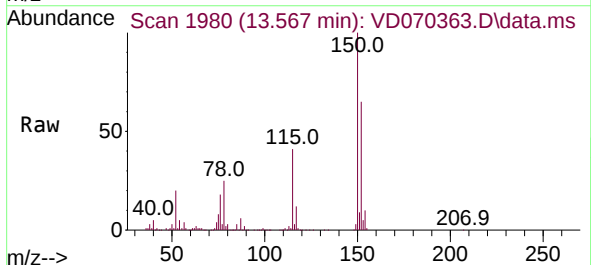
Instrument :
MSVOA_D
ClientSampleId :
A012145

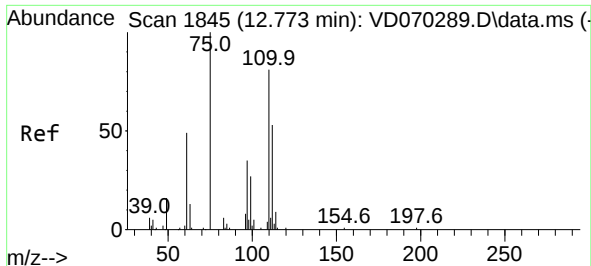
Tgt Ion:173 Resp: 3567
Ion Ratio Lower Upper
173 100
175 508.4 25.1 75.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion:152 Resp: 392223
Ion Ratio Lower Upper
152 100
115 63.2 32.1 96.3
150 157.0 0.0 350.6

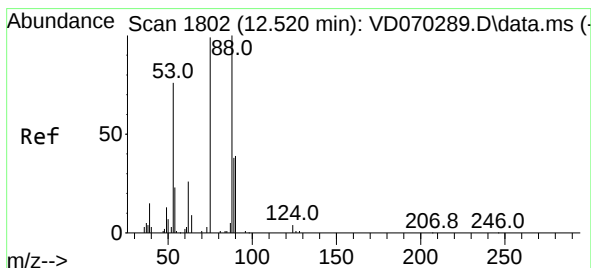
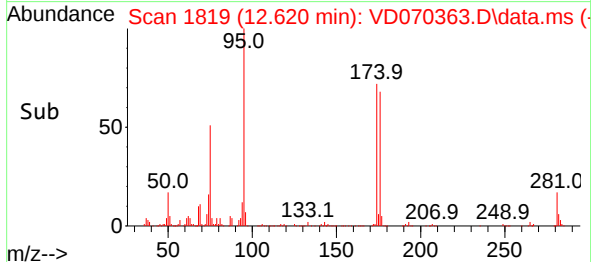
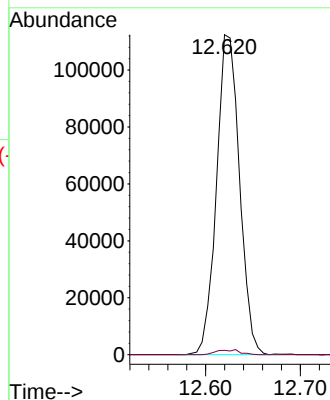
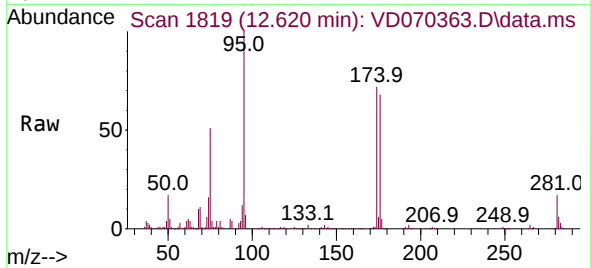




#76
1,2,3-Trichloropropane
Concen: 47.808 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Instrument :
MSVOA_D
ClientSampleId :
A012145

Tgt Ion: 75 Resp: 189673
Ion Ratio Lower Upper
75 100
77 1.5 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.787 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 75 Resp: 189673
Ion Ratio Lower Upper
75 100
53 0.3 64.2 96.2#
89 0.3 35.6 53.4#

