

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070357.D
 Acq On : 14 Sep 2021 17:04
 Operator : VA/SY
 Sample : M3687-28
 Misc : 7.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A004015

Quant Time: Sep 15 02:47:07 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

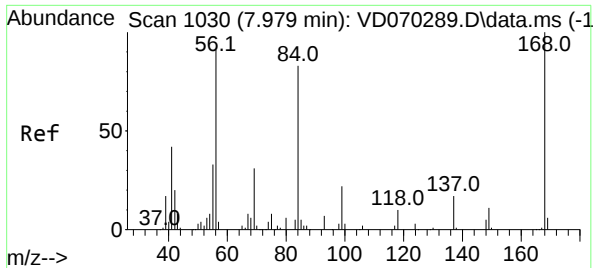
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	325339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	831738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	393530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	205227	49.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.914	113	224227	49.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.338	98	872401	52.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.620	95	410342	70.679	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	57	Below Cal	#	43
3) Chloromethane	2.209	50	549	Below Cal	#	42
5) Bromomethane	2.773	94	1338	Below Cal		93
6) Chloroethane	2.997	64	71	Below Cal	#	43
10) Methyl Iodide	4.291	142	158	1.067 ug/l	#	39
16) Acetone	4.162	43	1170	1.569 ug/l	#	36
18) Methyl Acetate	4.726	43	76	Below Cal	#	48
20) Methylene Chloride	4.956	84	11871	Below Cal	#	84
31) Cyclohexane	7.973	56	8035	1.117 ug/l	#	1
32) 1,1,1-Trichloroethane	7.903	97	19816	2.724 ug/l		97
36) 1,1-Dichloropropene	7.973	75	29476	4.290 ug/l	#	47
38) Carbon Tetrachloride	7.979	117	37097	5.460 ug/l	#	18
76) 1,2,3-Trichloropropane	12.620	75	202458	50.861 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.620	75	202458	127.437 ug/l	#	17

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

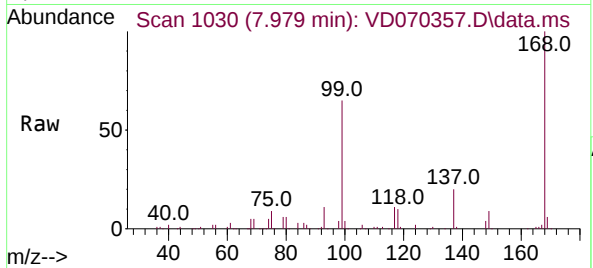
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration



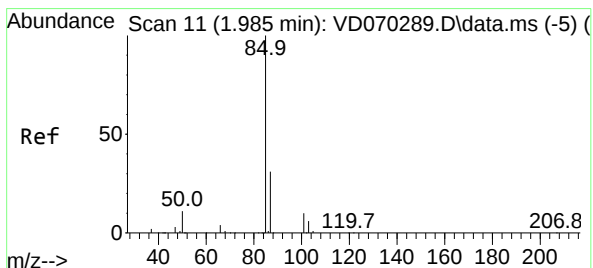
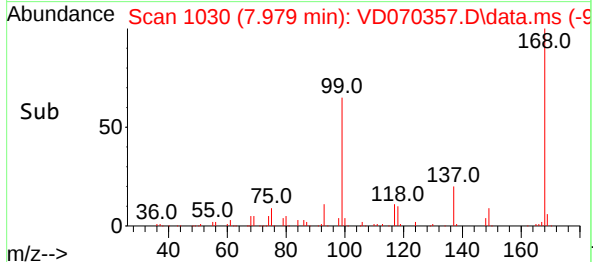
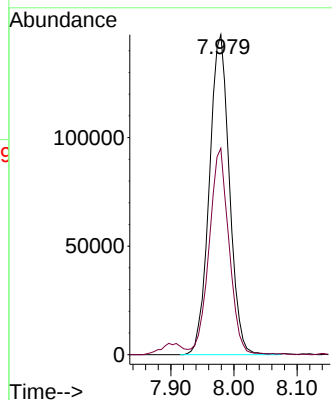


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Instrument :
MSVOA_D
ClientSampleID :
A004015

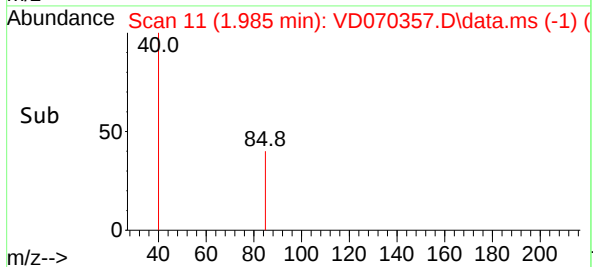
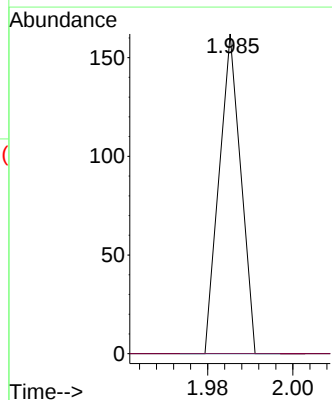
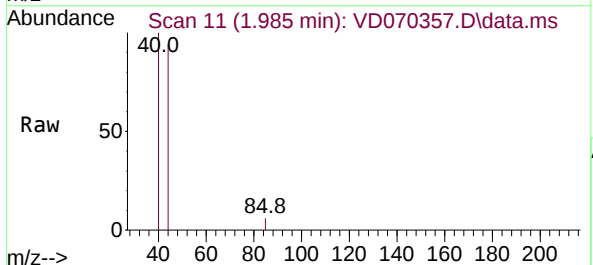


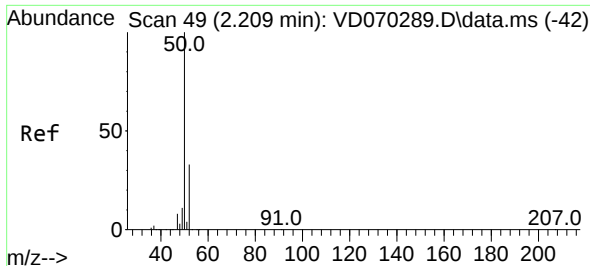
Tgt Ion:168 Resp: 325339
Ion Ratio Lower Upper
168 100
99 64.2 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 85 Resp: 57
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

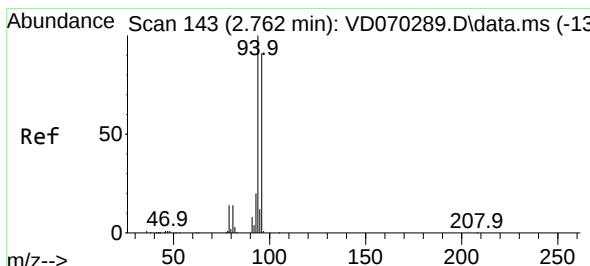
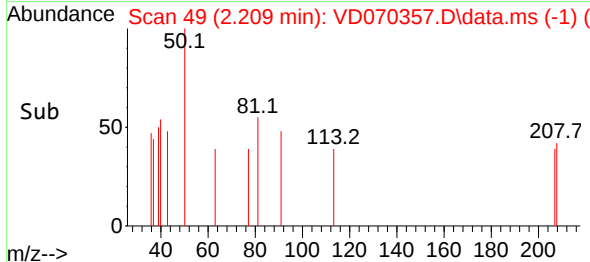
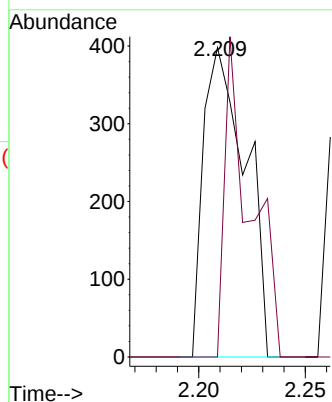
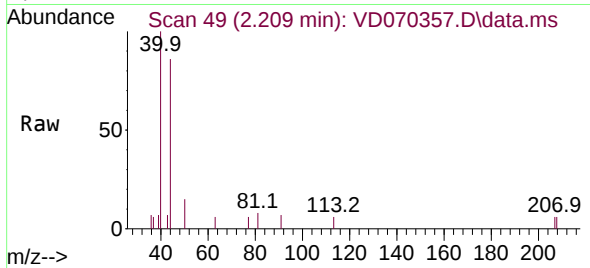




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

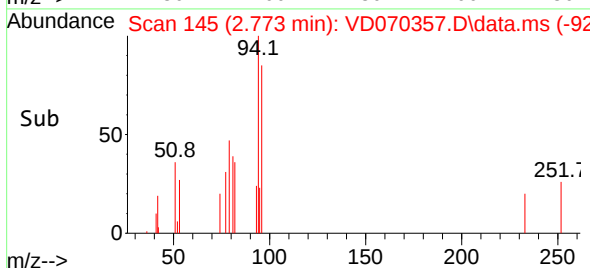
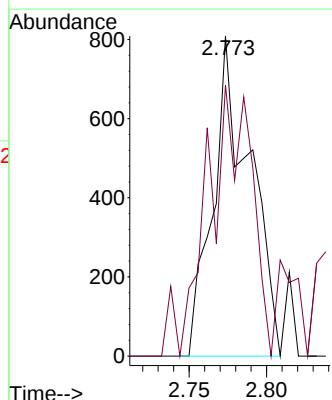
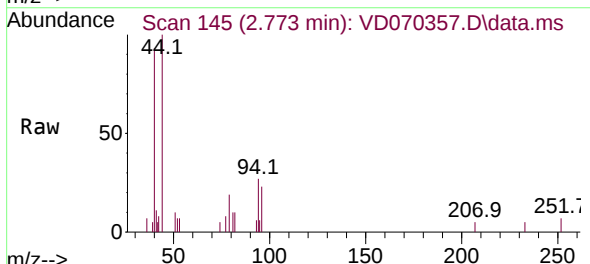
Instrument :
MSVOA_D
ClientSampleId :
A004015

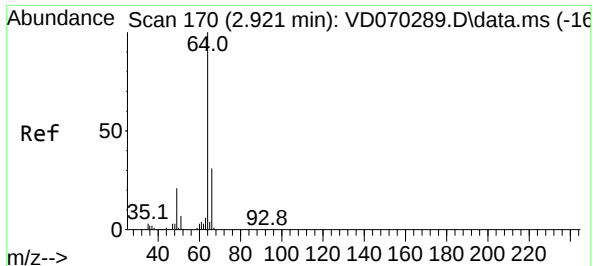
Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 94 Resp: 1338
Ion Ratio Lower Upper
94 100
96 84.7 73.0 109.6

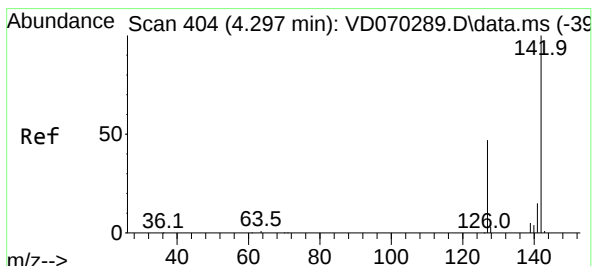
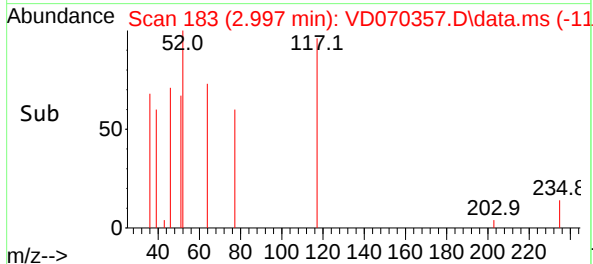
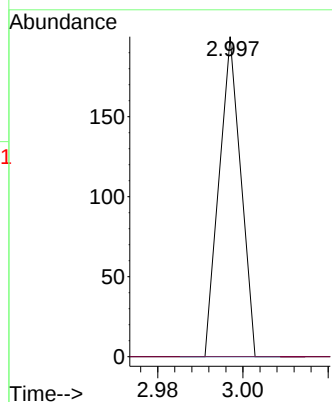
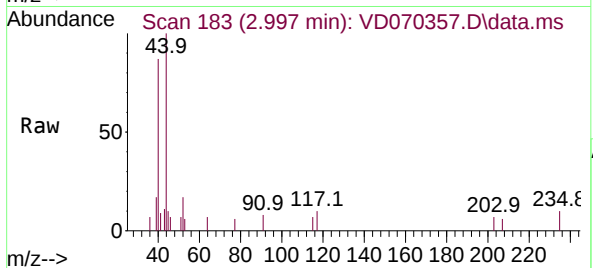




#6
Chloroethane
Concen: Below Cal
RT: 2.997 min Scan# 183
Delta R.T. 0.076 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

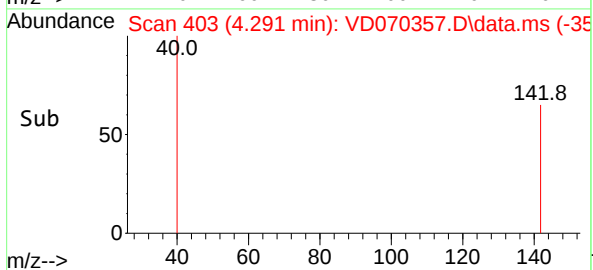
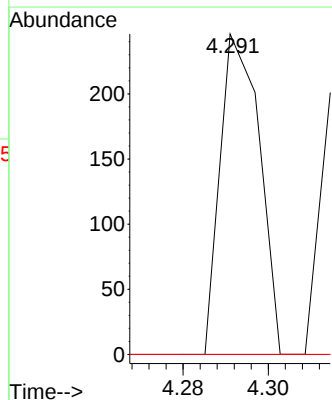
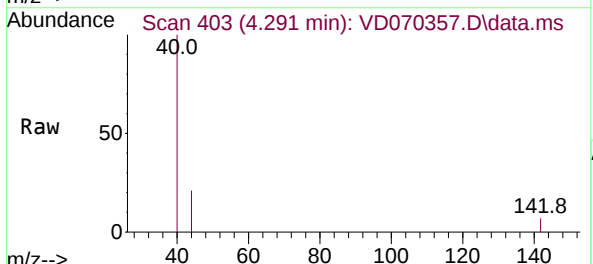
Instrument :
MSVOA_D
ClientSampleId :
A004015

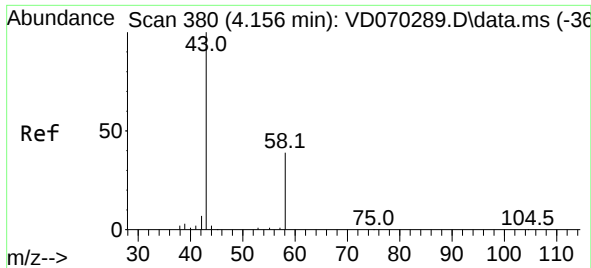
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.067 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

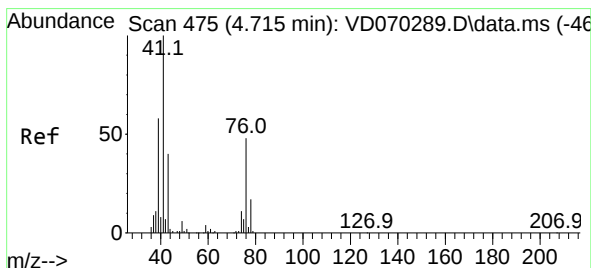
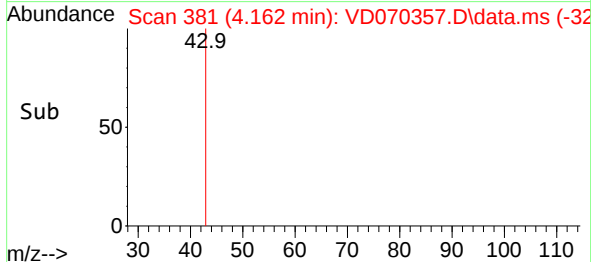
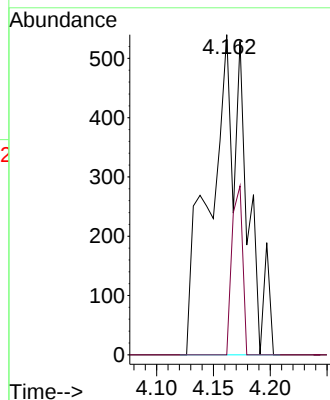
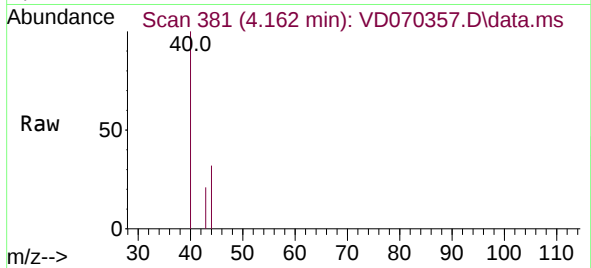




#16
Acetone
Concen: 1.569 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

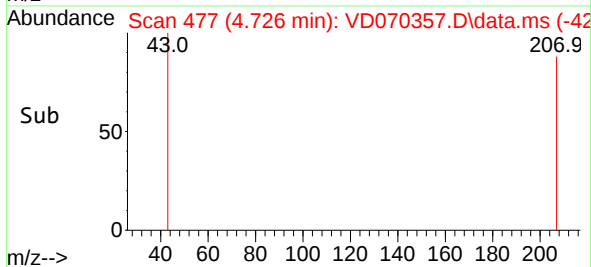
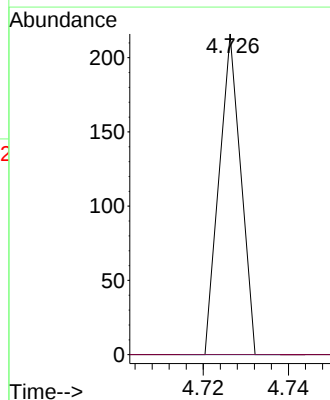
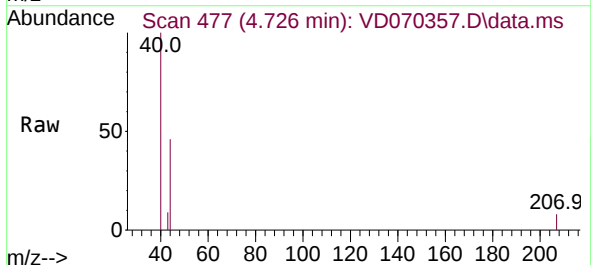
Instrument :
MSVOA_D
ClientSampleID :
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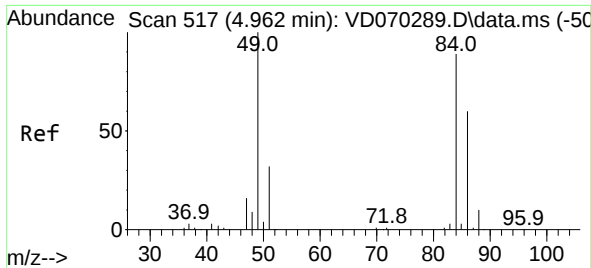
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

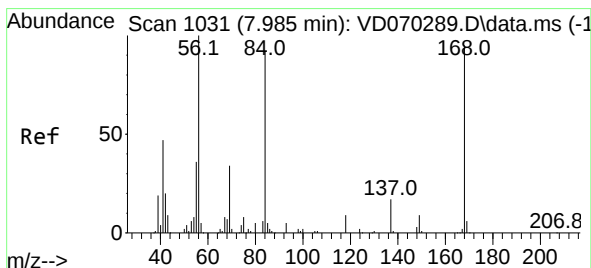
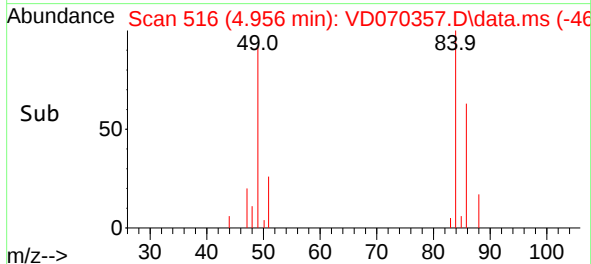
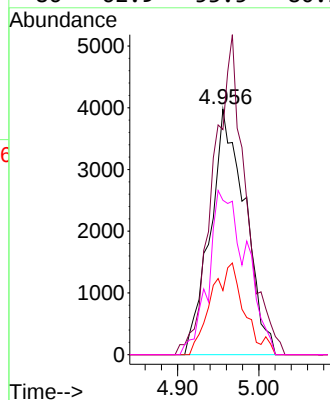
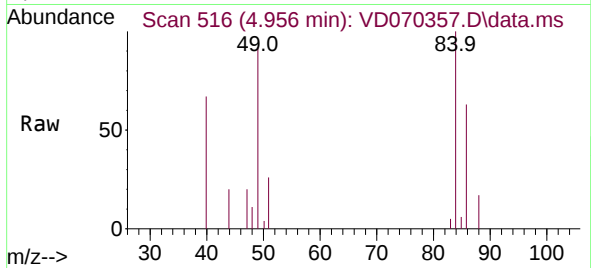




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

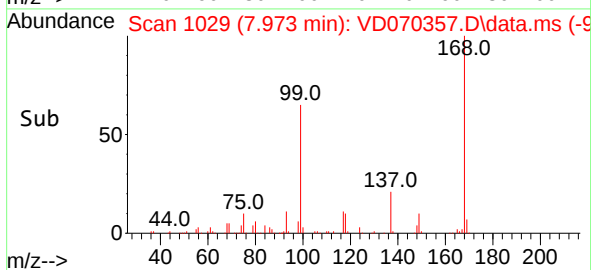
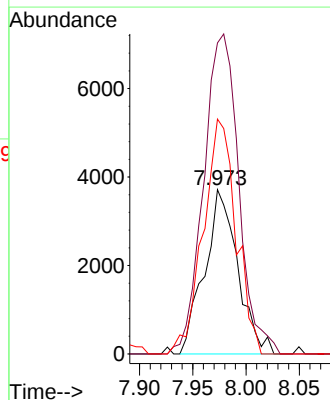
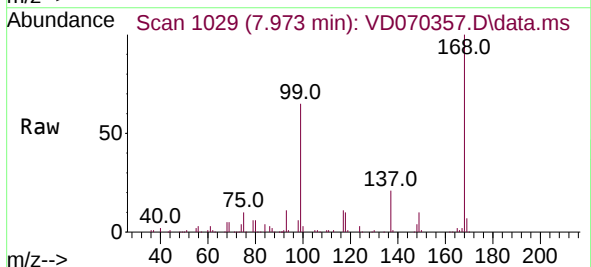
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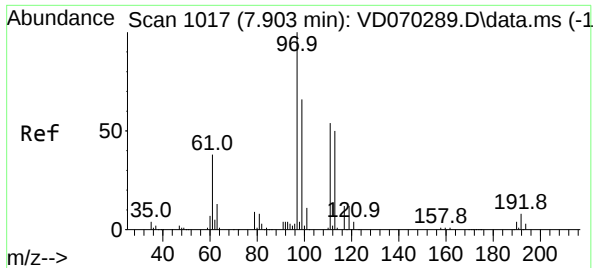
Tgt Ion:	84	Resp:	11871
Ion	Ratio	Lower	Upper
84	100		
49	87.6	89.6	134.4#
51	26.1	28.6	43.0#
86	62.9	53.5	80.3



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion:	56	Resp:	8035
Ion	Ratio	Lower	Upper
56	100		
69	189.3	26.9	40.3#
84	142.9	73.6	110.4#

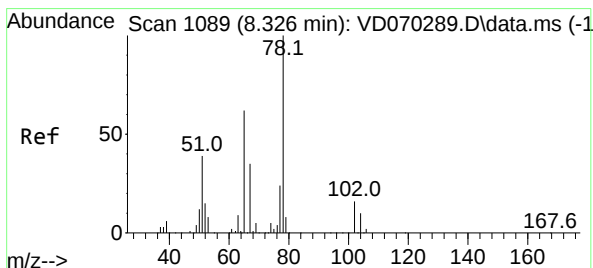
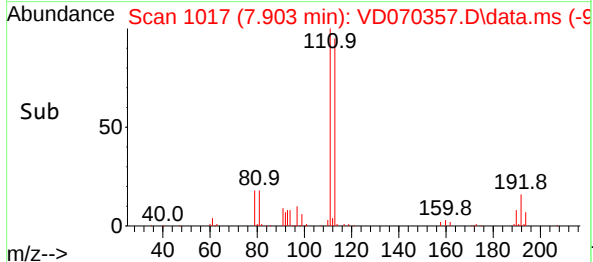
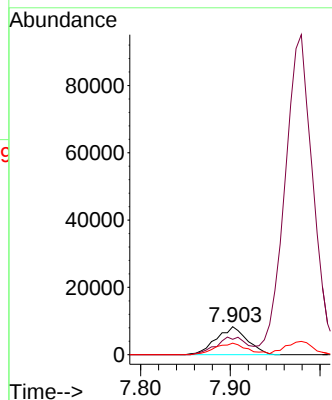
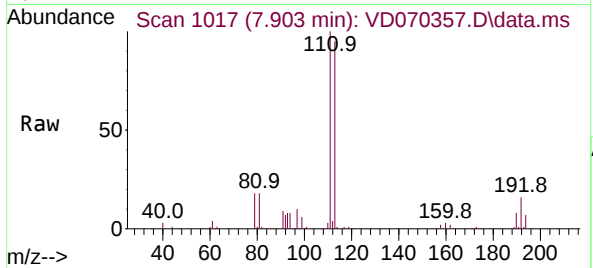




#32
1,1,1-Trichloroethane
Concen: 2.724 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

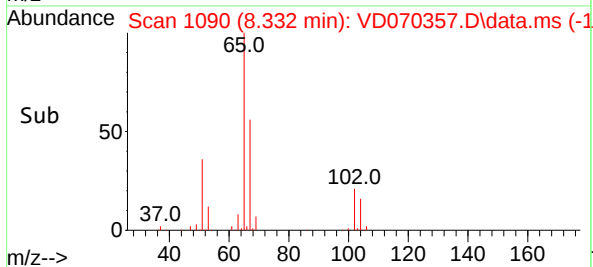
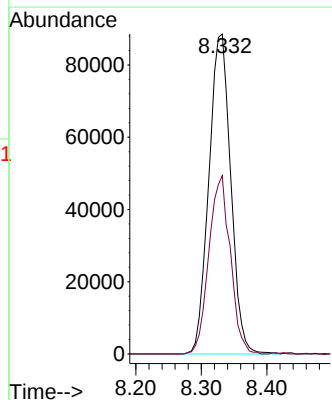
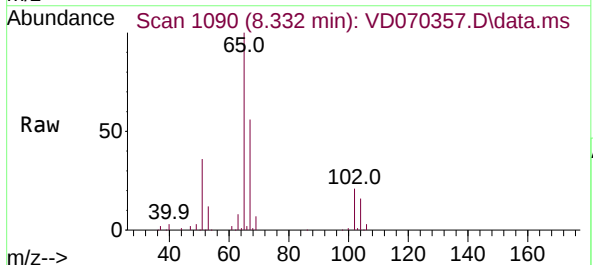
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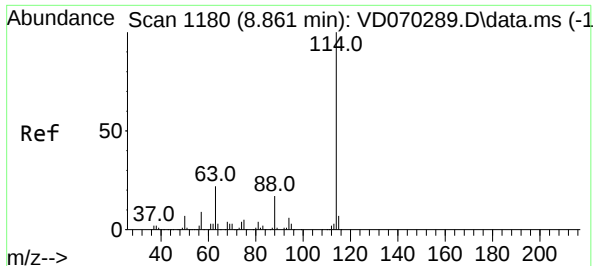
Tgt Ion:	97	Resp:	19816
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.1	76.7
61	42.8	31.4	47.0



#33
1,2-Dichloroethane-d4
Concen: 49.128 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion:	65	Resp:	205227
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

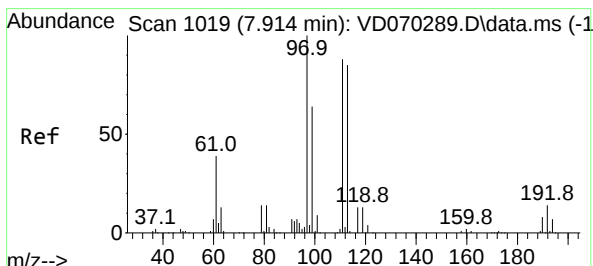
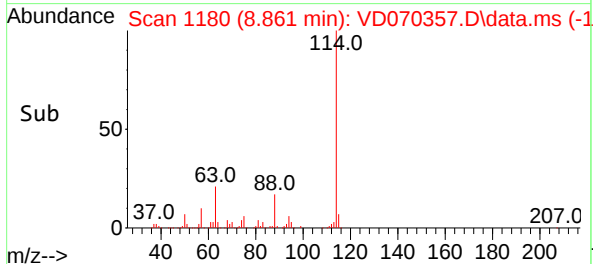
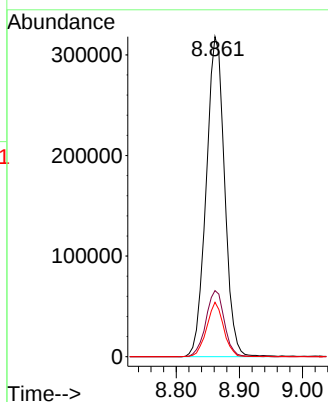
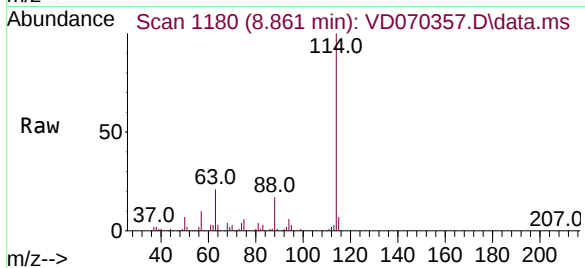
Delta R.T. -0.000 min

Lab File: VD070357.D

Acq: 14 Sep 2021 17:04

Tgt Ion:	114	Resp:	642776
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	43.4
88	17.0	0.0	33.4

Instrument :
MSVOA_D
ClientSampleId :
A004015



#35

Dibromofluoromethane

Concen: 49.007 ug/l

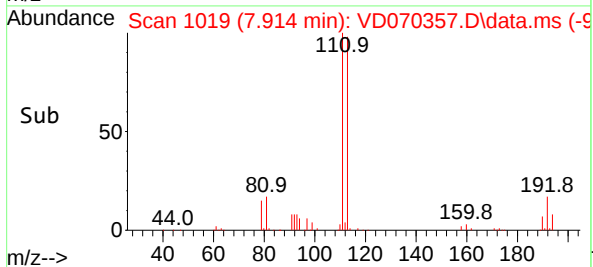
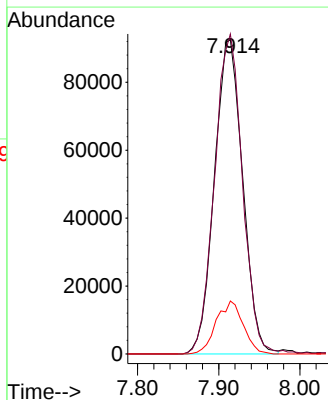
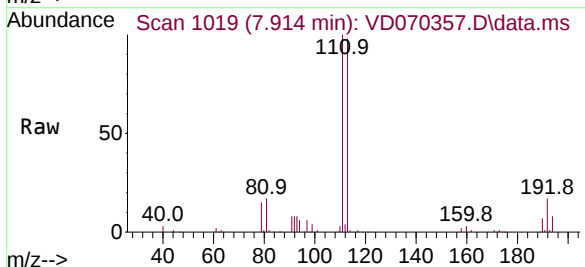
RT: 7.914 min Scan# 1019

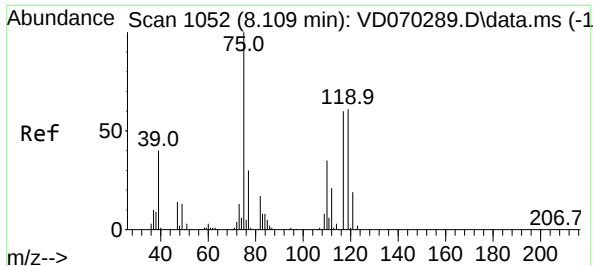
Delta R.T. -0.000 min

Lab File: VD070357.D

Acq: 14 Sep 2021 17:04

Tgt Ion:	113	Resp:	224227
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.4	122.2
192	16.1	13.0	19.6

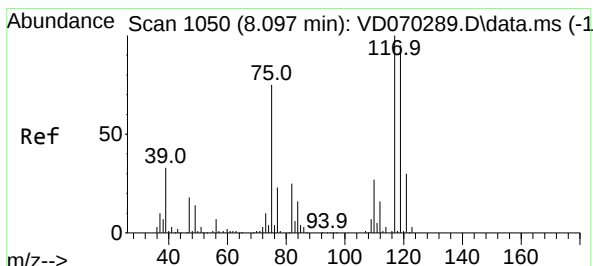
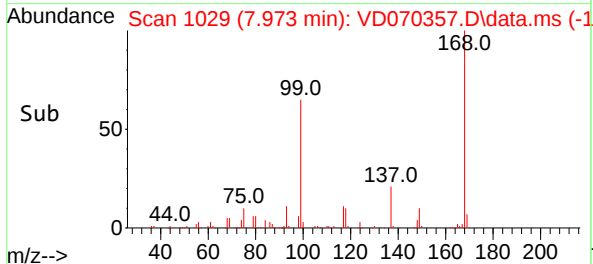
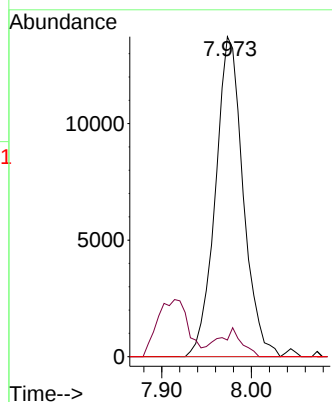
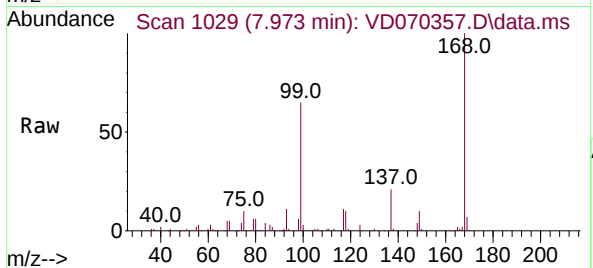




#36
1,1-Dichloropropene
Concen: 4.290 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

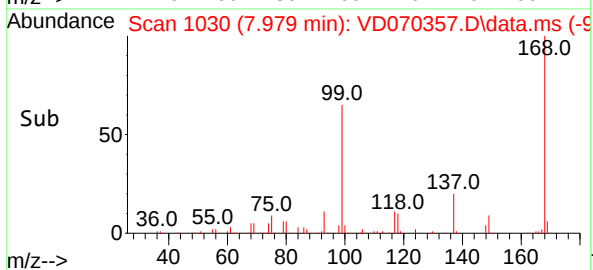
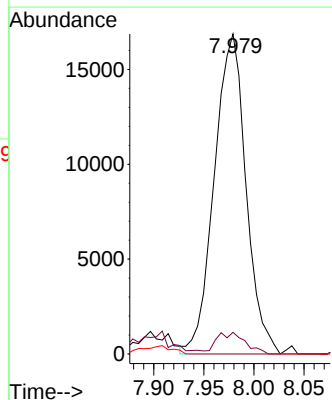
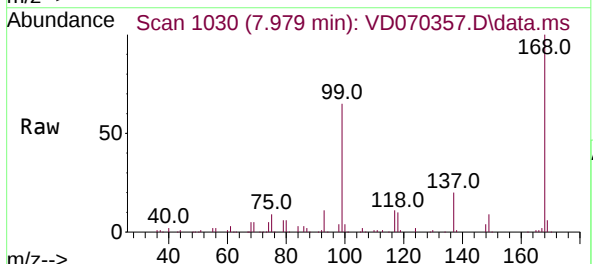
Instrument :
MSVOA_D
ClientSampled :
A004015

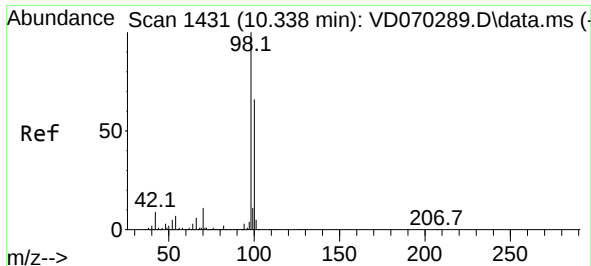
Tgt Ion: 75 Resp: 29476
Ion Ratio Lower Upper
75 100
110 7.3 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.460 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 117 Resp: 37097
Ion Ratio Lower Upper
117 100
119 6.8 76.1 114.1#
121 0.0 23.8 35.6#

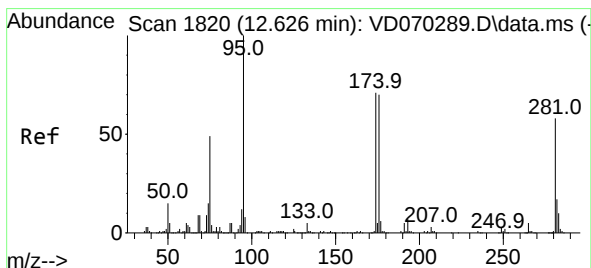
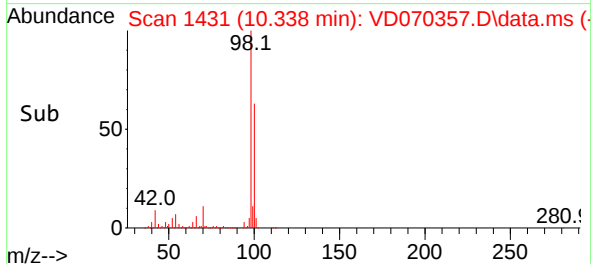
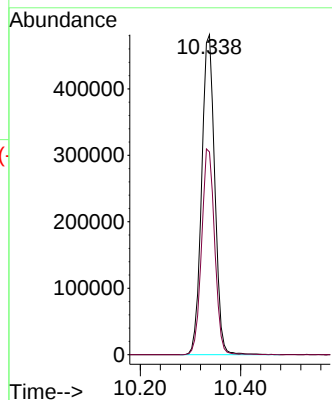
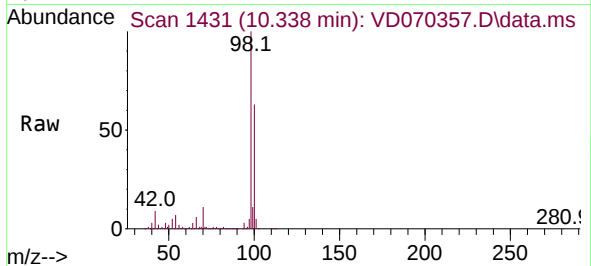




#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

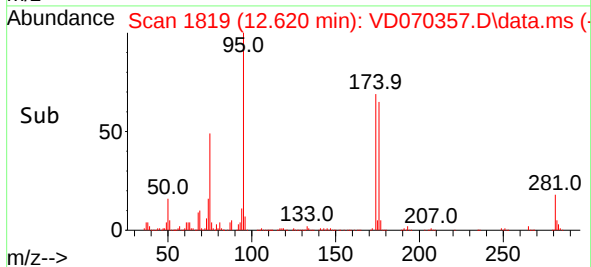
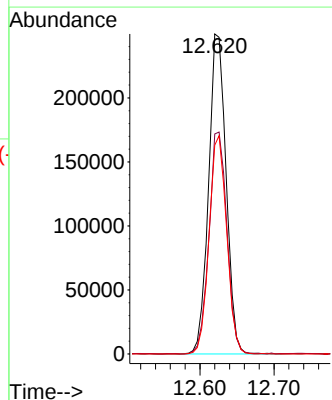
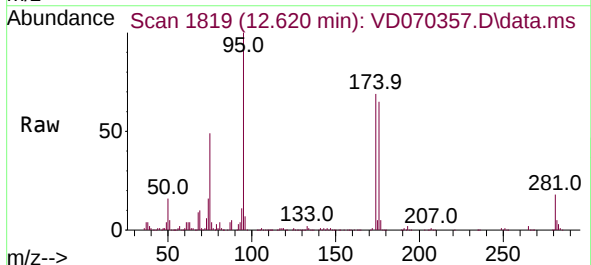
Instrument :
MSVOA_D
ClientSampleId :
A004015

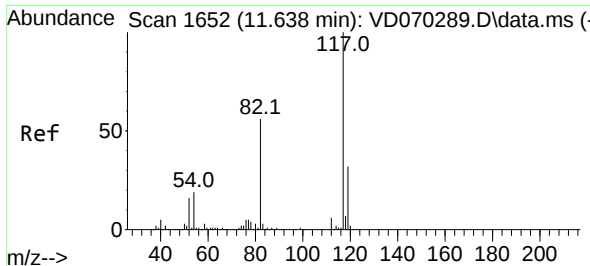
Tgt Ion: 98 Resp: 872401
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 70.679 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 95 Resp: 410342
Ion Ratio Lower Upper
95 100
174 71.2 0.0 140.6
176 68.3 0.0 137.4

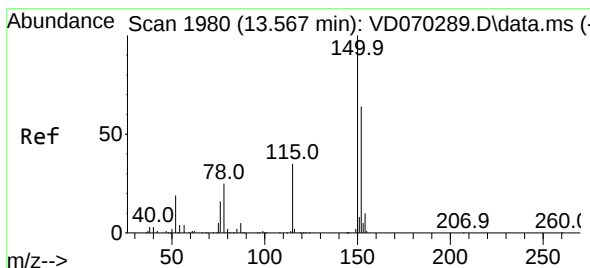
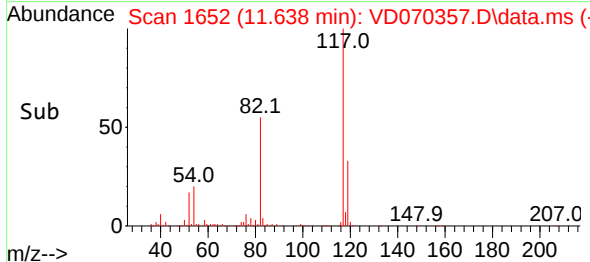
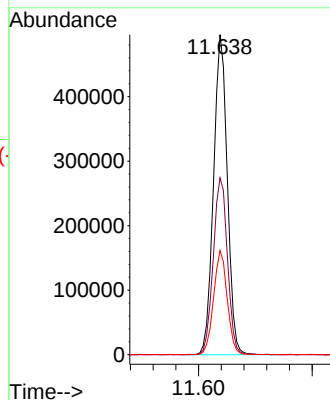
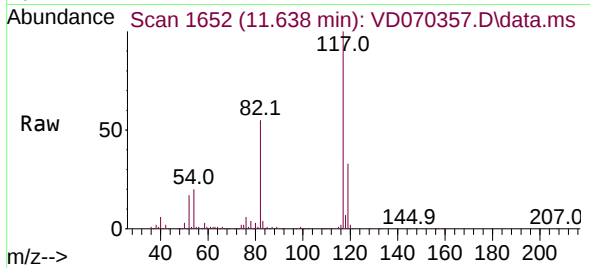




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

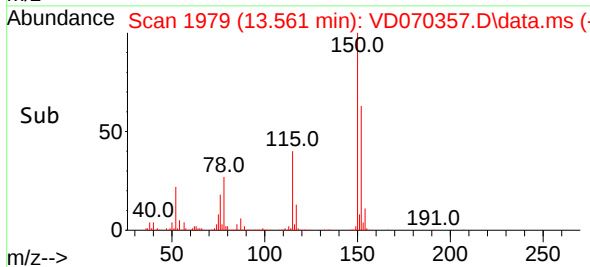
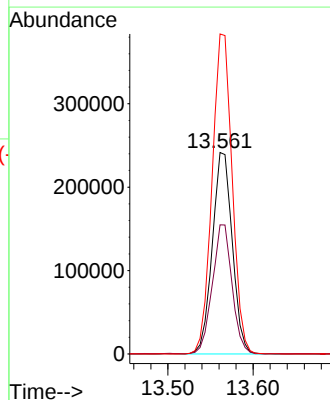
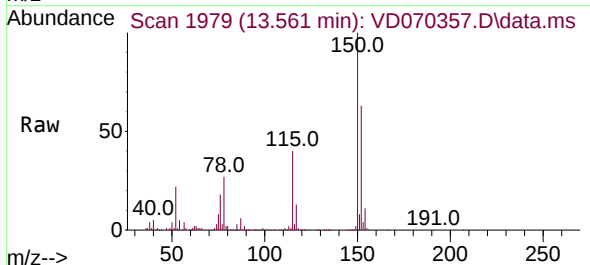
Instrument :
MSVOA_D
ClientSampleId :
A004015

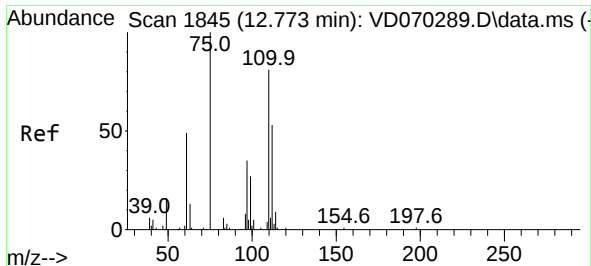
Tgt Ion:	117	Resp:	831738
Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.0	67.4
119	32.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion:	152	Resp:	393530
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	159.4	0.0	350.6

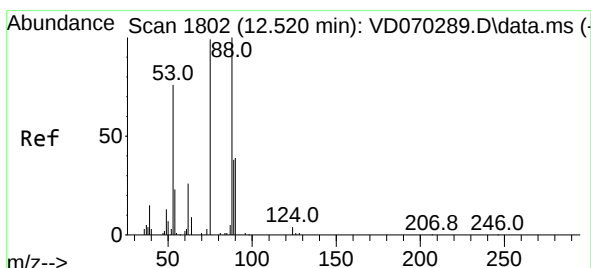
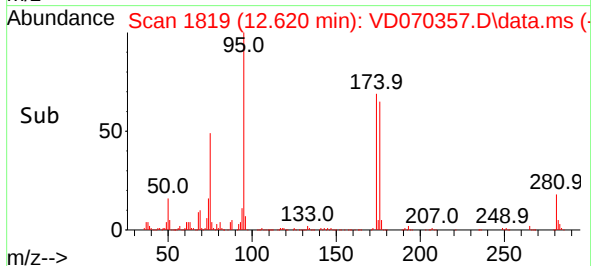
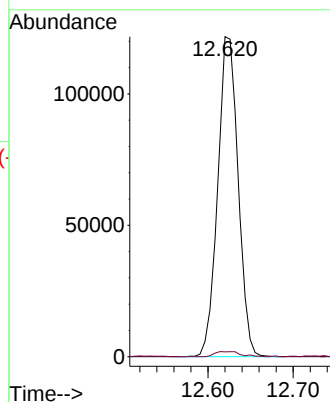
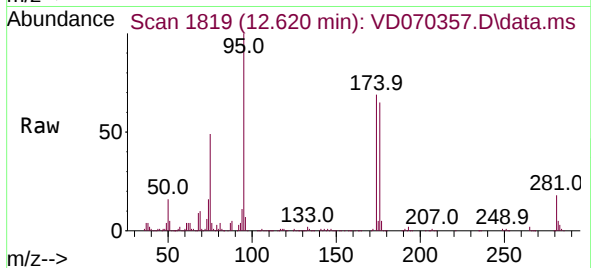




#76
1,2,3-Trichloropropane
Concen: 50.861 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Instrument :
MSVOA_D
ClientSampleId :
A004015

Tgt Ion: 75 Resp: 202458
Ion Ratio Lower Upper
75 100
77 2.0 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.437 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070357.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 75 Resp: 202458
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.1 35.6 53.4#

