

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070354.D
 Acq On : 14 Sep 2021 15:38
 Operator : VA/SY
 Sample : M3724-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31190

Quant Time: Sep 15 02:46:32 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)

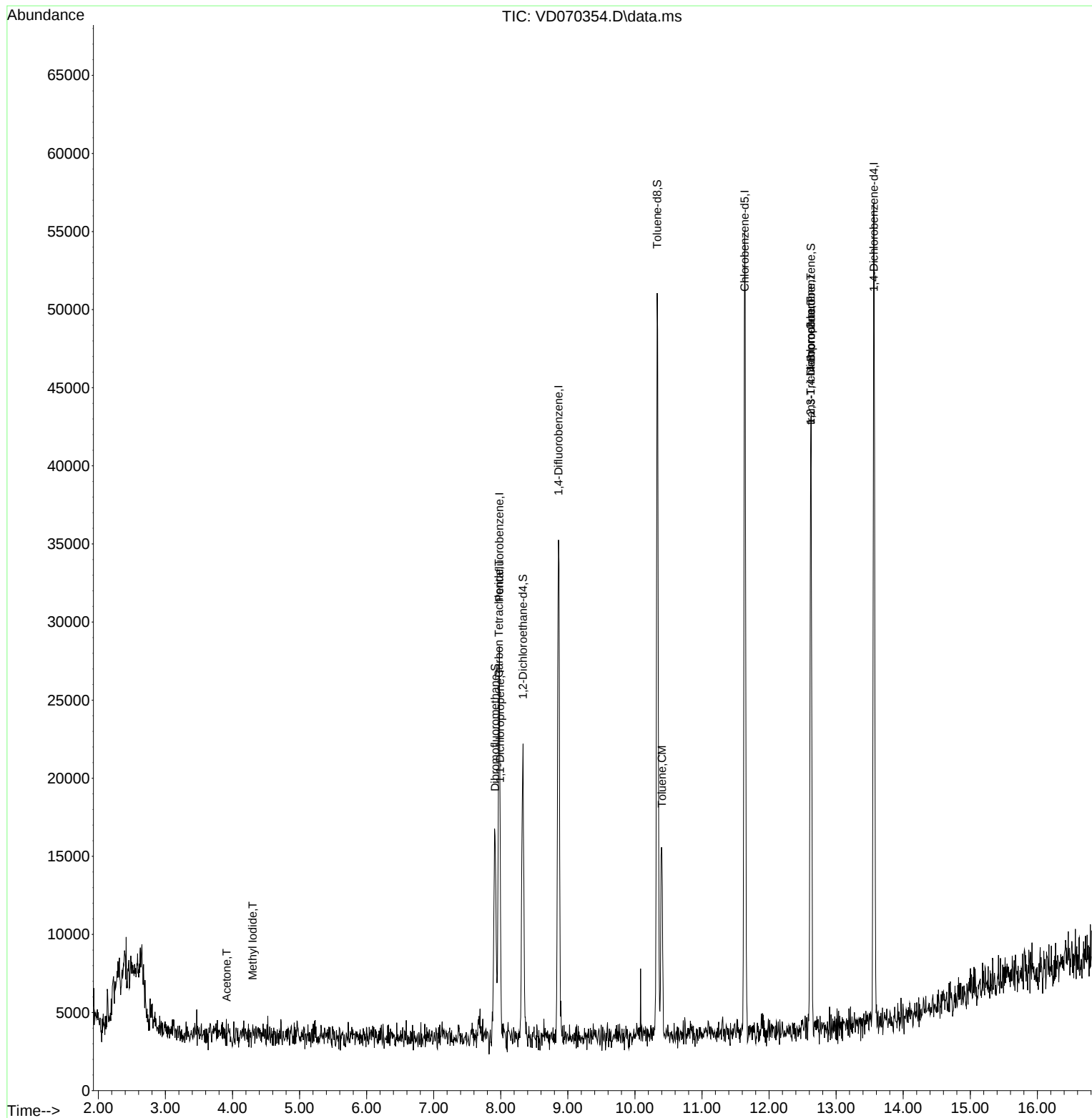
Internal Standards						
1) Pentafluorobenzene	7.979	168	16453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	31726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14376	68.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.100%			
35) Dibromofluoromethane	7.914	113	9838	50.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.960%			
50) Toluene-d8	10.332	98	33808	47.777	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.560%			
62) 4-Bromofluorobenzene	12.626	95	13833	55.936	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.880%			
Target Compounds						
3) Chloromethane	2.209	50	517	Below Cal	#	20
6) Chloroethane	2.726	64	57	Below Cal	#	43
10) Methyl Iodide	4.303	142	335	2.640	ug/l #	39
16) Acetone	3.914	43	55	1.458	ug/l #	36
18) Methyl Acetate	4.544	43	68	Below Cal	#	48
20) Methylene Chloride	4.967	84	673	Below Cal	#	39
36) 1,1-Dichloropropene	7.991	75	1272	4.346	ug/l #	41
38) Carbon Tetrachloride	7.973	117	1637	5.656	ug/l #	12
52) Toluene	10.402	92	6376	12.304	ug/l	100
76) 1,2,3-Trichloropropane	12.620	75	6802	47.709	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	6802	119.539	ug/l #	17

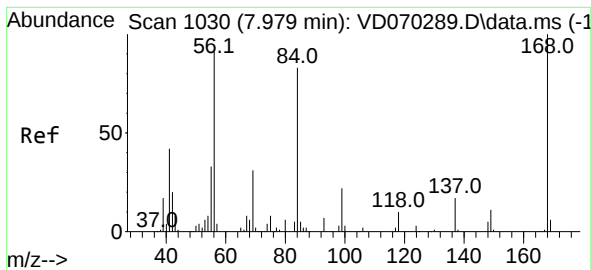
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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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

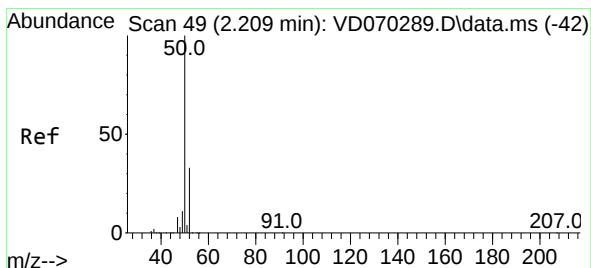
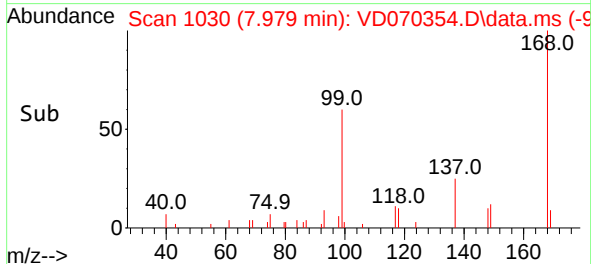
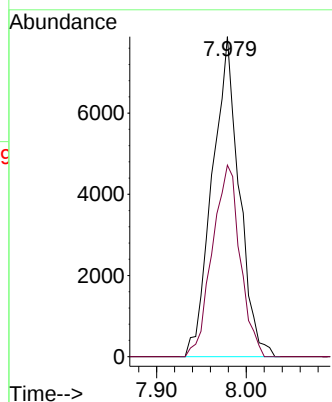
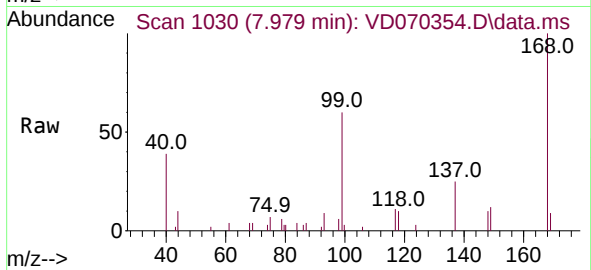




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

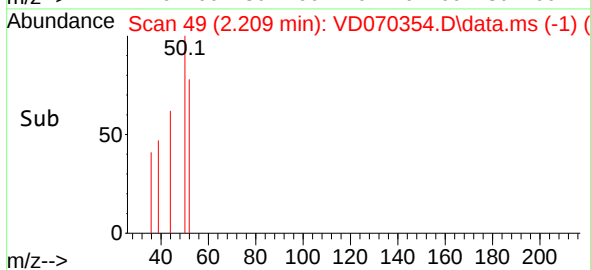
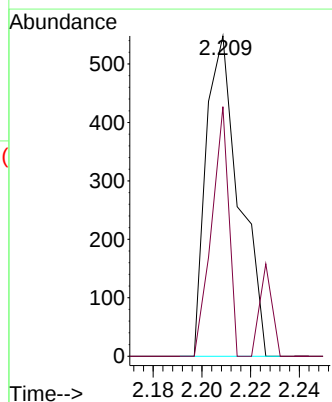
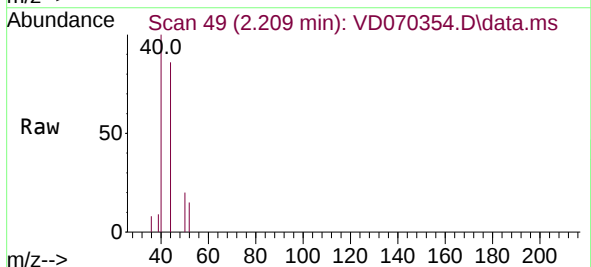
Instrument :
MSVOA_D
ClientSampleId :
31190

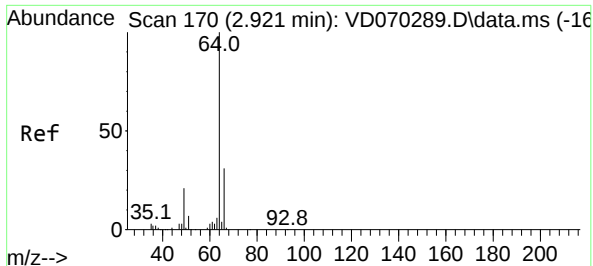
Tgt Ion:168 Resp: 16453
Ion Ratio Lower Upper
168 100
99 59.8 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 77.9 26.2 39.2#

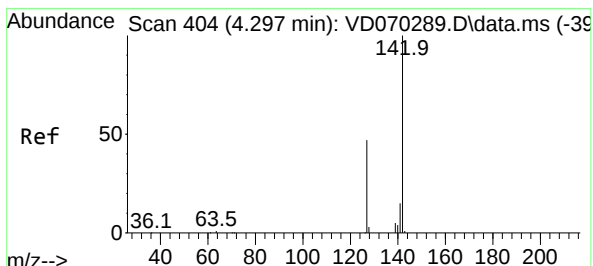
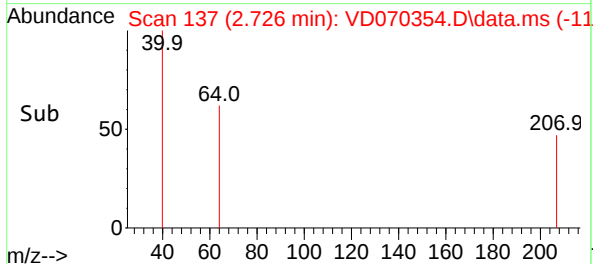
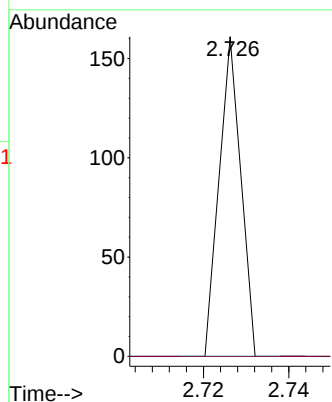
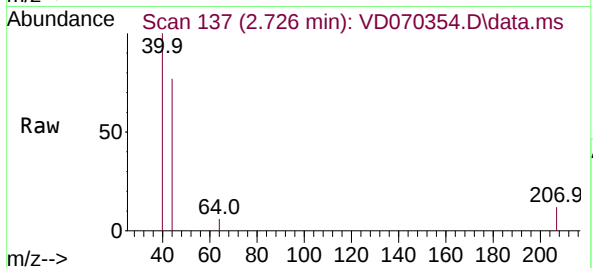




#6
Chloroethane
Concen: Below Cal
RT: 2.726 min Scan# 137
Delta R.T. -0.195 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

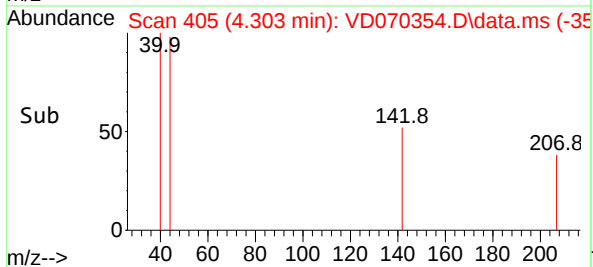
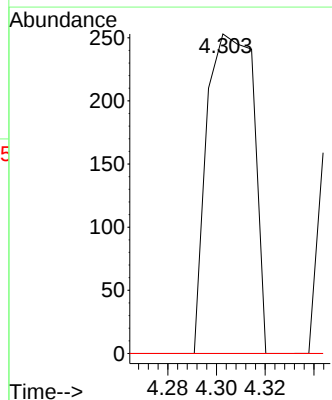
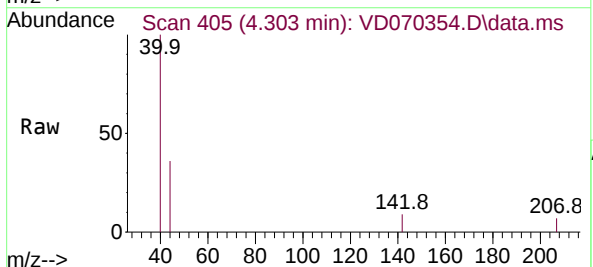
Instrument :
MSVOA_D
ClientSampleId :
31190

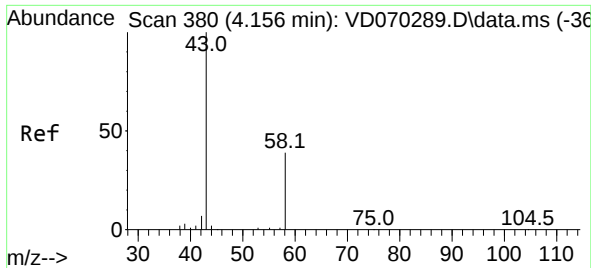
Tgt Ion: 64 Resp: 57
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 2.640 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

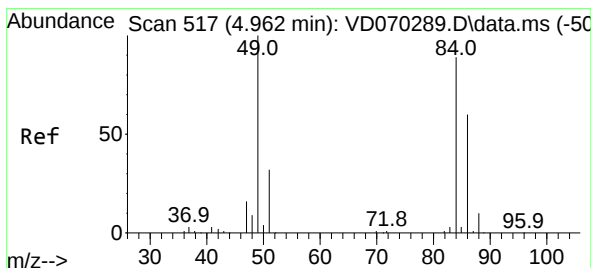
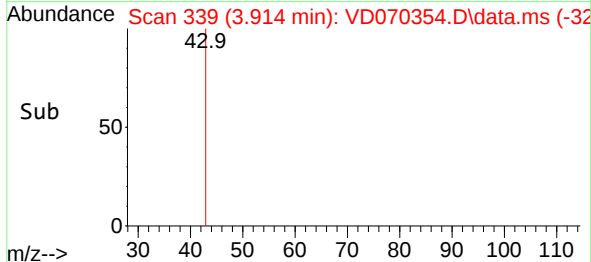
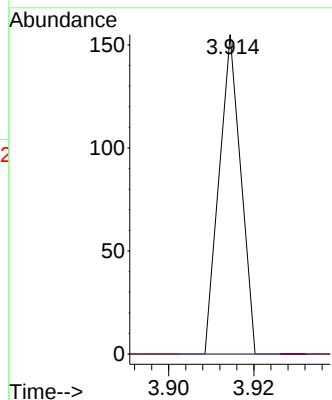
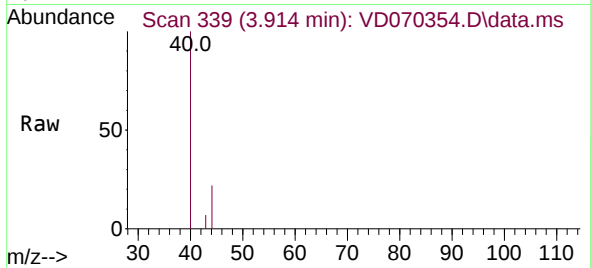




#16
Acetone
Concen: 1.458 ug/l
RT: 3.914 min Scan# 339
Delta R.T. -0.241 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

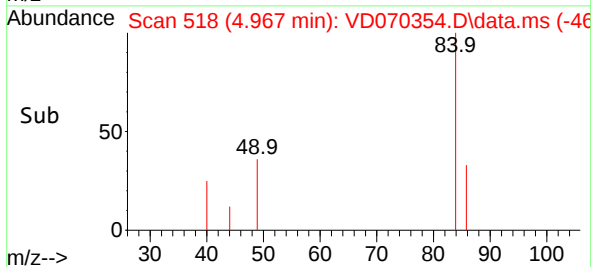
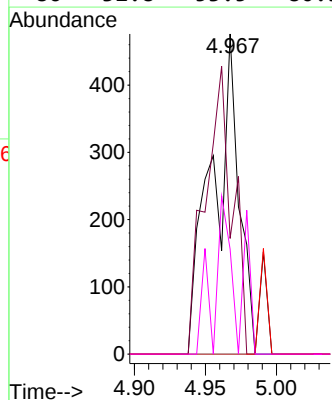
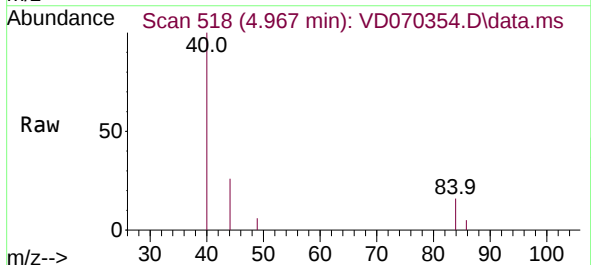
Instrument :
MSVOA_D
ClientSampleId :
31190

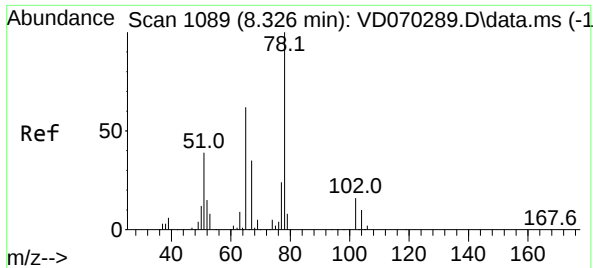
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion: 84 Resp: 673
Ion Ratio Lower Upper
84 100
49 36.1 89.6 134.4#
51 0.0 28.6 43.0#
86 32.8 53.5 80.3#

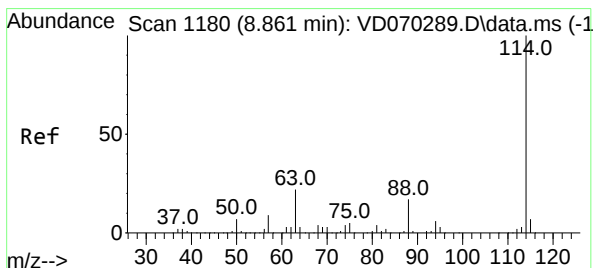
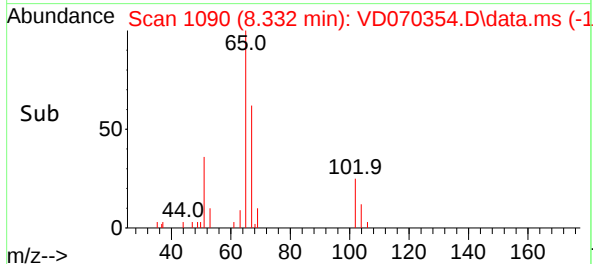
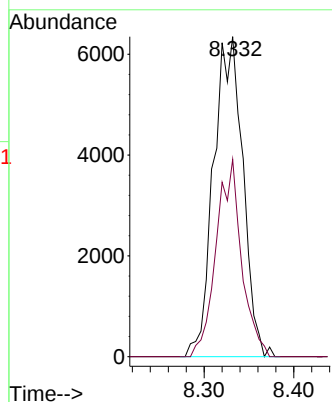
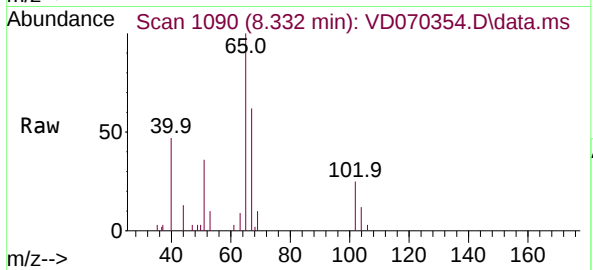




#33
1,2-Dichloroethane-d4
Concen: 68.049 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

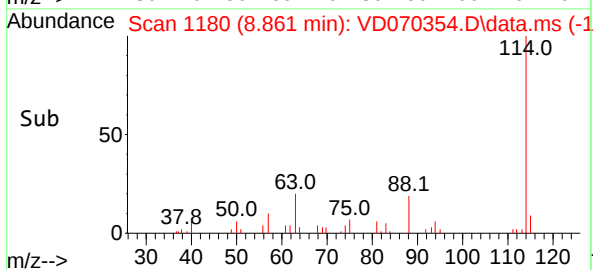
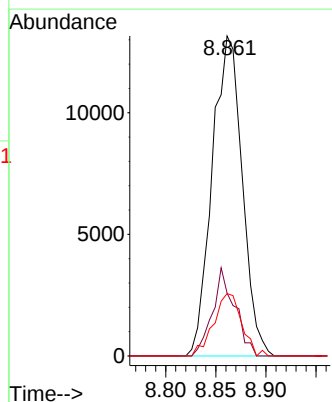
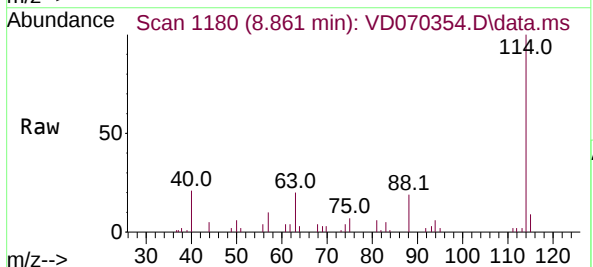
Instrument :
MSVOA_D
ClientSampleId :
31190

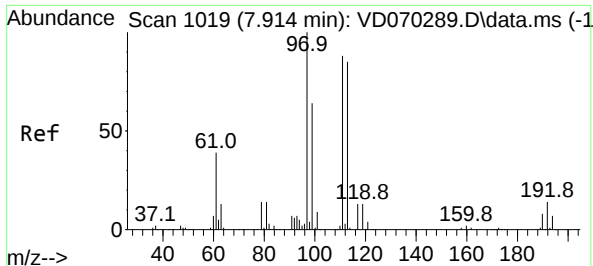
Tgt Ion: 65 Resp: 14376
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion:114 Resp: 27380
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.4
88 19.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.479 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070354.D

Acq: 14 Sep 2021 15:38

Instrument :

MSVOA_D

ClientSampled :

31190

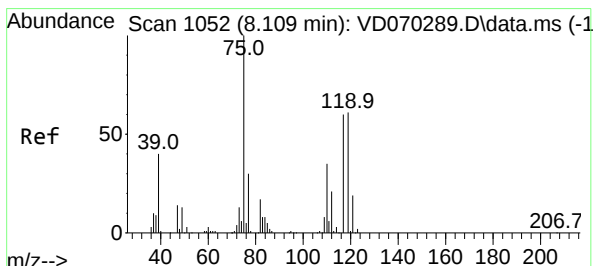
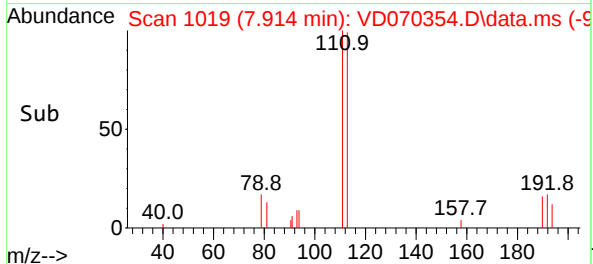
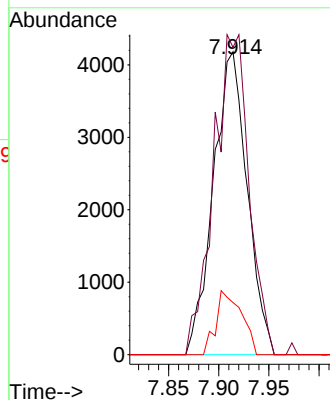
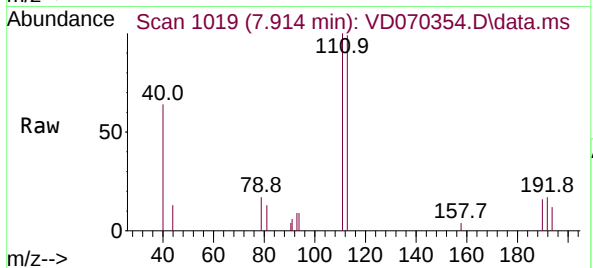
Tgt Ion:113 Resp: 9838

Ion Ratio Lower Upper

113 100

111 110.5 81.4 122.2

192 15.9 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.346 ug/l

RT: 7.991 min Scan# 1032

Delta R.T. -0.118 min

Lab File: VD070354.D

Acq: 14 Sep 2021 15:38

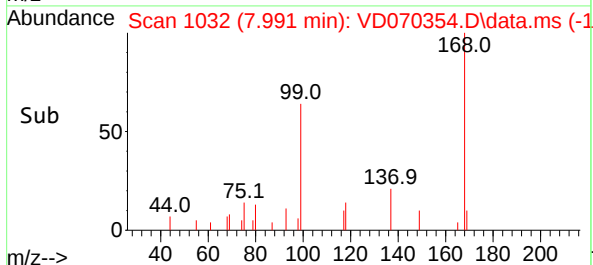
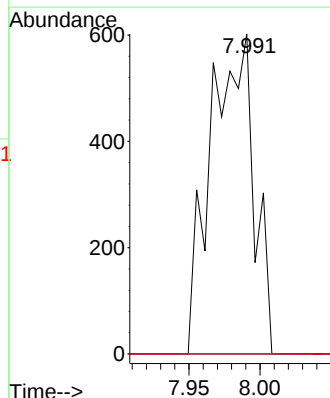
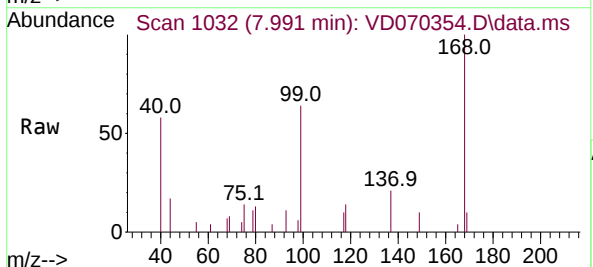
Tgt Ion: 75 Resp: 1272

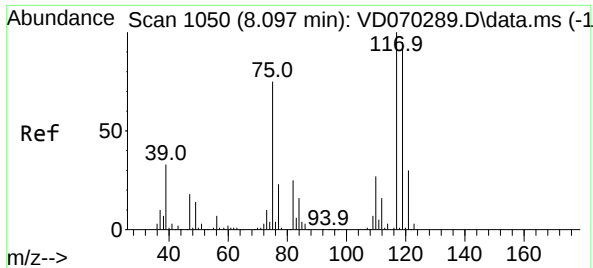
Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.7#

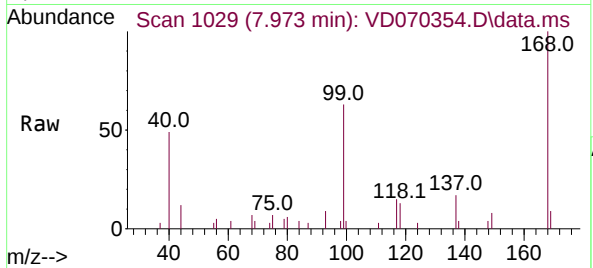
77 0.0 25.3 37.9#



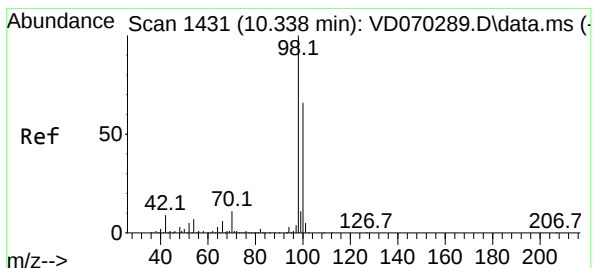
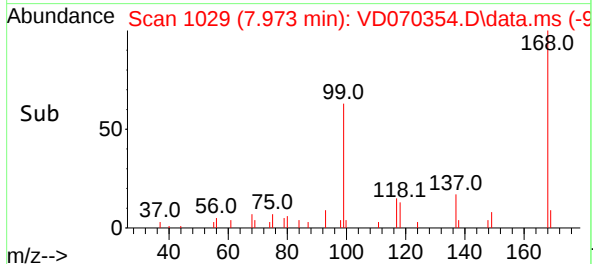
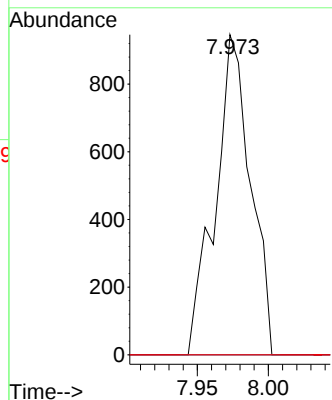


#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Instrument :
MSVOA_D
ClientSampled :
31190

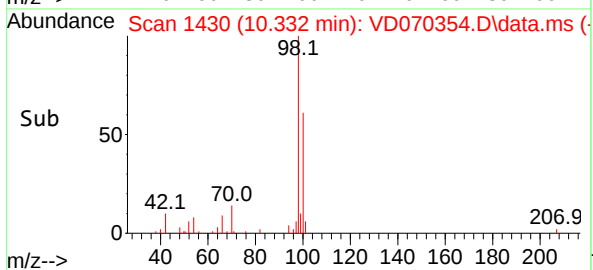
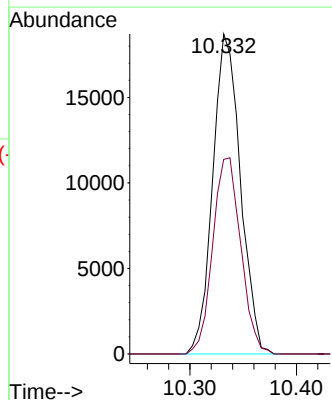
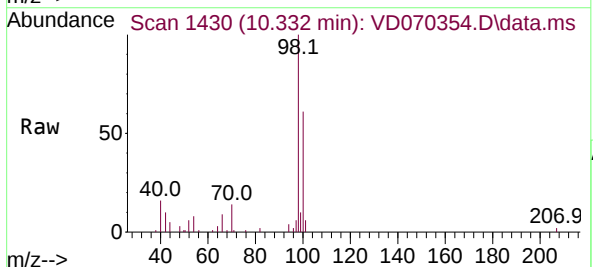


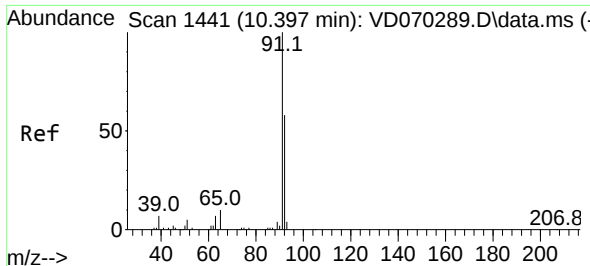
Tgt Ion:117 Resp: 1637
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.777 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion: 98 Resp: 33808
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0

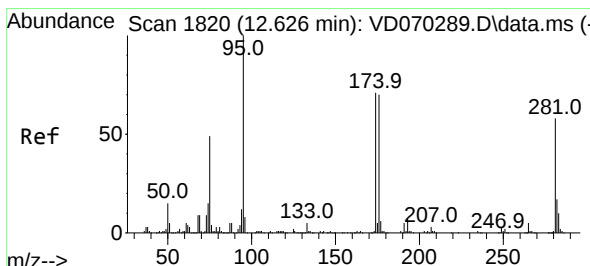
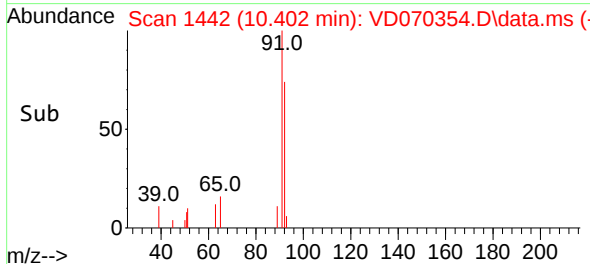
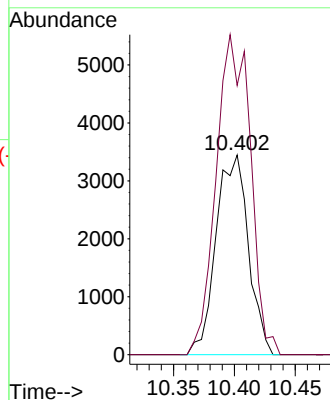
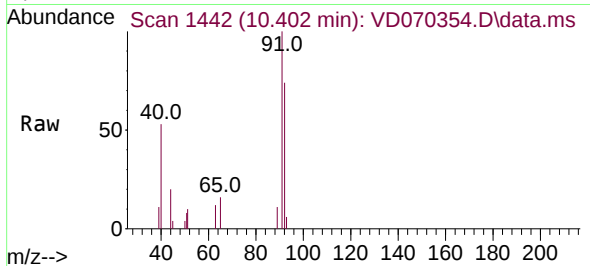




#52
Toluene
Concen: 12.304 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

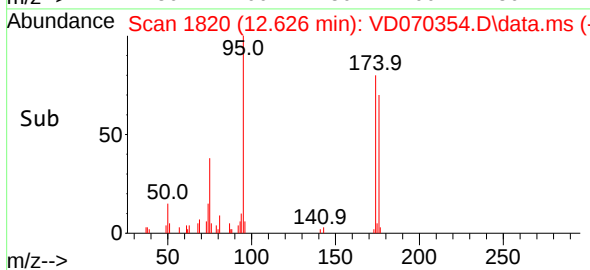
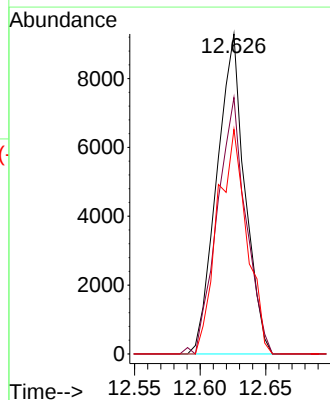
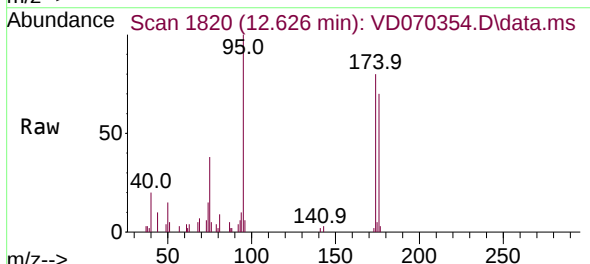
Instrument :
MSVOA_D
ClientSampleId :
31190

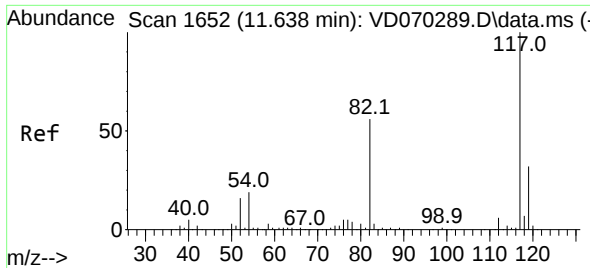
Tgt Ion: 92 Resp: 6376
Ion Ratio Lower Upper
92 100
91 169.8 136.2 204.2



#62
4-Bromofluorobenzene
Concen: 55.936 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion: 95 Resp: 13833
Ion Ratio Lower Upper
95 100
174 82.2 0.0 140.6
176 73.7 0.0 137.4

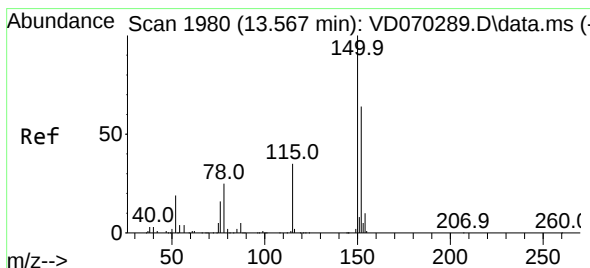
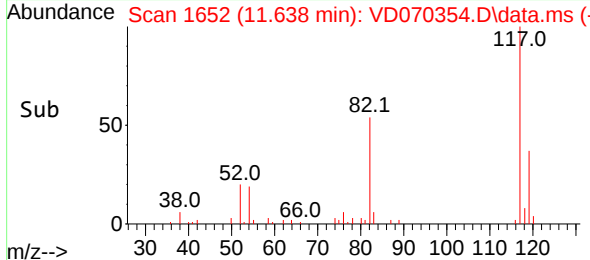
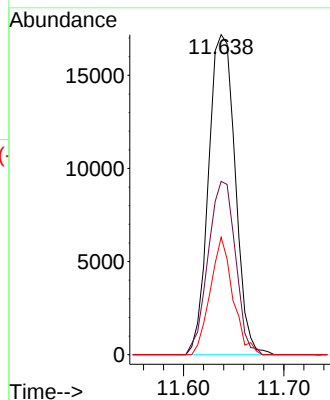
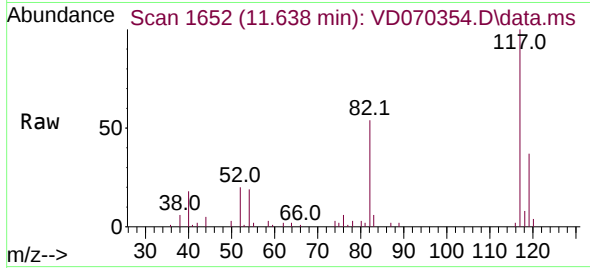




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

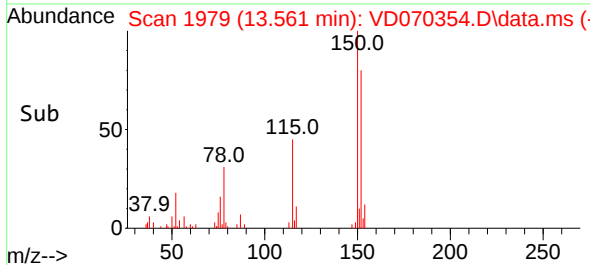
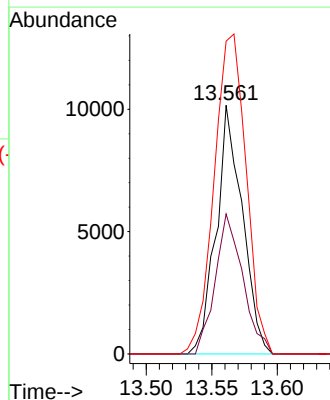
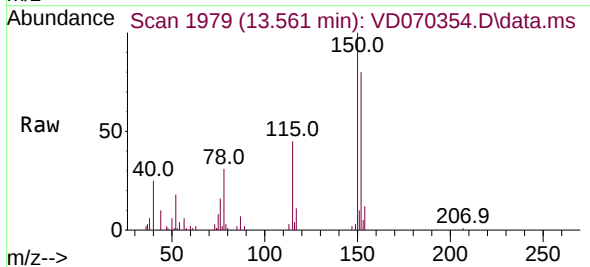
Instrument :
MSVOA_D
ClientSampleId :
31190

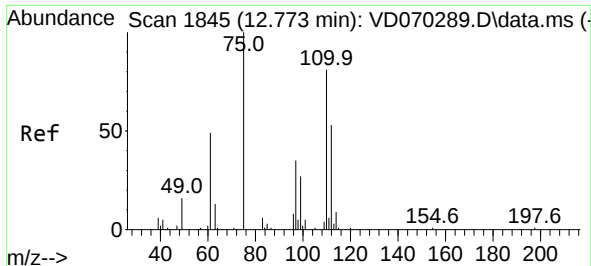
Tgt Ion:	117	Resp:	31726
Ion Ratio	Lower	Upper	
117	100		
82	54.1	45.0	67.4
119	36.7	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion:	152	Resp:	14095
Ion Ratio	Lower	Upper	
152	100		
115	59.4	32.1	96.3
150	156.9	0.0	350.6

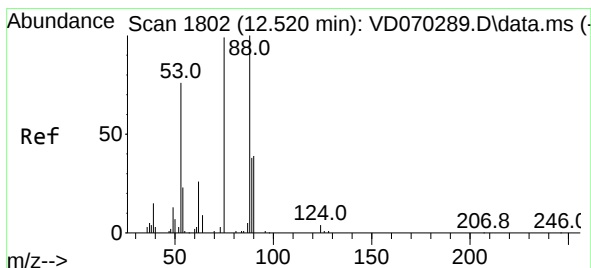
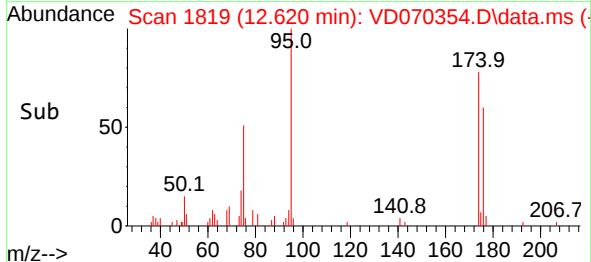
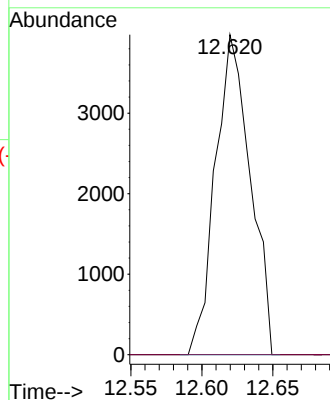
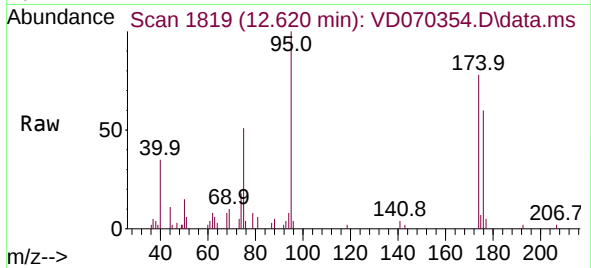




#76
1,2,3-Trichloropropane
Concen: 47.709 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :
31190

Tgt Ion: 75 Resp: 6802
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.539 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070354.D
Acq: 14 Sep 2021 15:38

Tgt Ion: 75 Resp: 6802
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#

