

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070361.D
 Acq On : 14 Sep 2021 18:58
 Operator : VA/SY
 Sample : M3687-32
 Misc : 6.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A013015

Quant Time: Sep 15 02:47:58 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

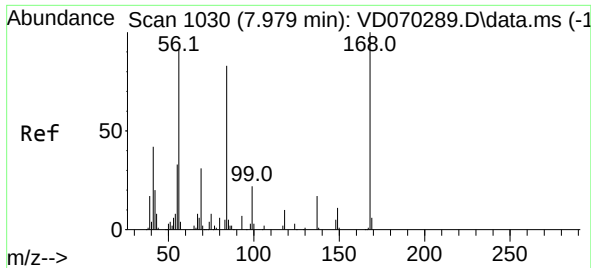
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	312027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	605519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	739064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197499	49.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.580%			
35) Dibromofluoromethane	7.914	113	218590	50.715	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.440%			
50) Toluene-d8	10.338	98	812819	51.940	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.626	95	349393	63.884	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 127.760%			
Target Compounds						
3) Chloromethane	2.203	50	288	Below Cal	#	86
5) Bromomethane	2.779	94	497	Below Cal		88
6) Chloroethane	2.997	64	57	Below Cal	#	43
18) Methyl Acetate	4.567	43	142	Below Cal	#	48
20) Methylene Chloride	4.956	84	10975	Below Cal		92
31) Cyclohexane	7.979	56	7941	1.151	ug/l #	1
32) 1,1,1-Trichloroethane	7.903	97	22456	3.219	ug/l	96
36) 1,1-Dichloropropene	7.979	75	28487	4.401	ug/l #	47
38) Carbon Tetrachloride	7.973	117	34800	5.437	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	3092	1.335	ug/l #	1
71) Bromoform	12.626	173	3603	1.300	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	172515	51.531	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	172515	129.115	ug/l #	17

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

Quant Time: Sep 15 02:47:58 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

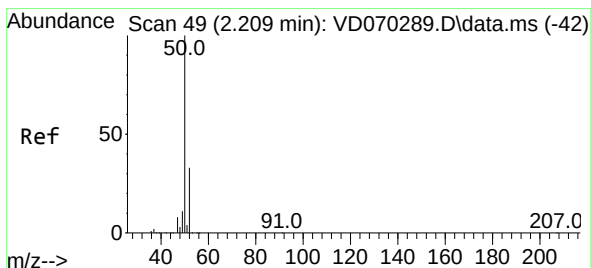
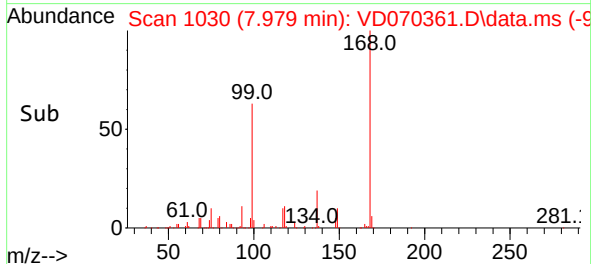
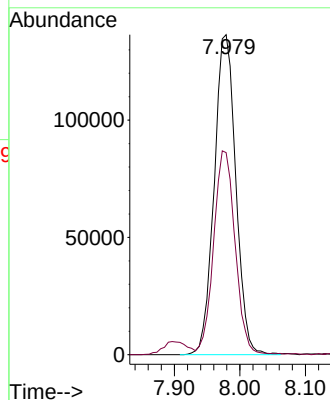
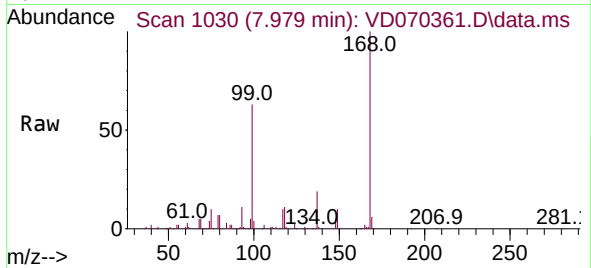




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

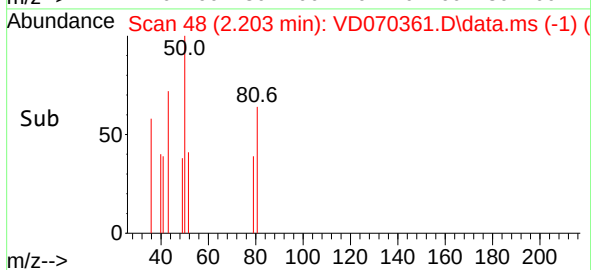
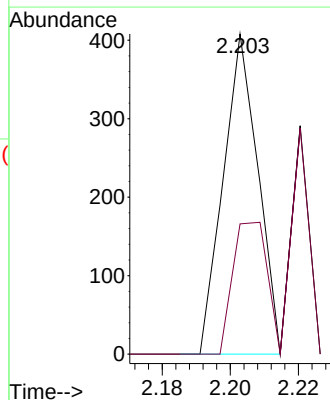
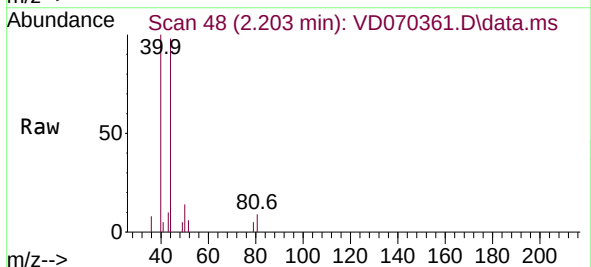
Instrument :
MSVOA_D
ClientSampleId :
A013015

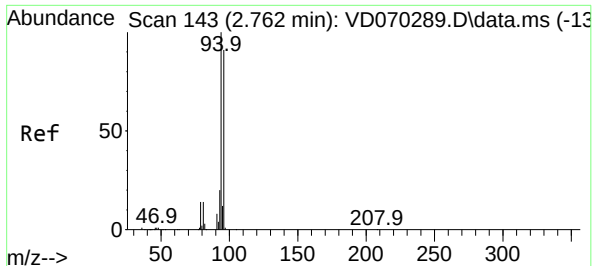
Tgt Ion:168 Resp: 312027
Ion Ratio Lower Upper
168 100
99 62.7 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 40.7 26.2 39.2#





#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.017 min

Lab File: VD070361.D

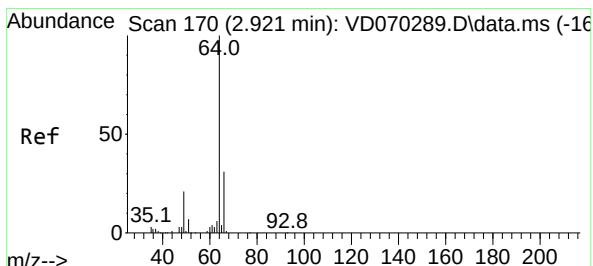
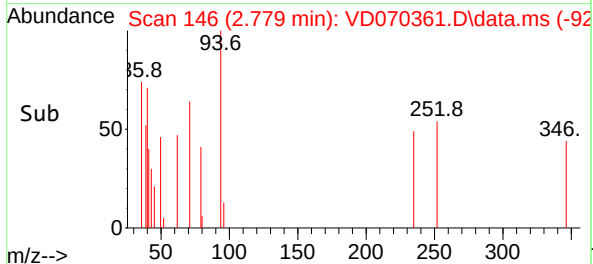
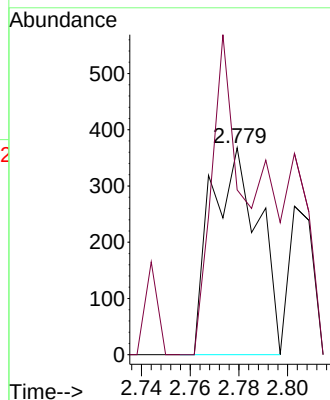
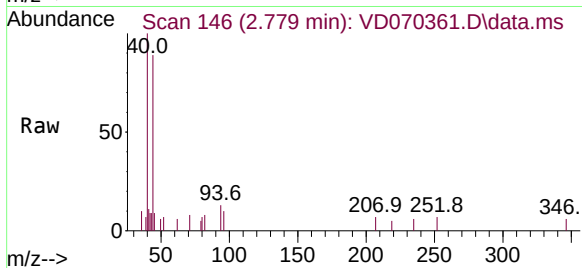
Acq: 14 Sep 2021 18:58

Tgt Ion: 94 Resp: 497

Ion Ratio Lower Upper

94 100

96 79.6 73.0 109.6



#6

Chloroethane

Concen: Below Cal

RT: 2.997 min Scan# 183

Delta R.T. 0.076 min

Lab File: VD070361.D

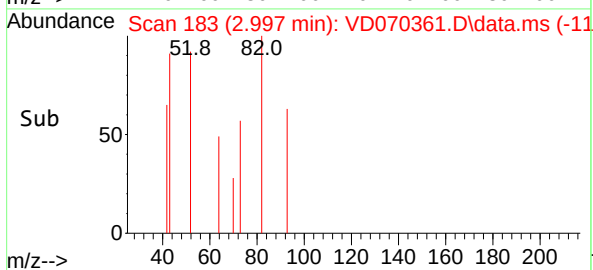
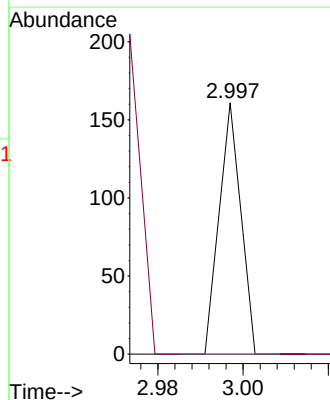
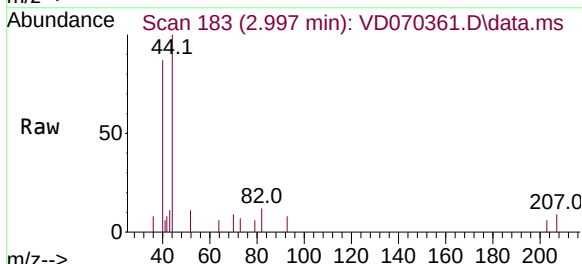
Acq: 14 Sep 2021 18:58

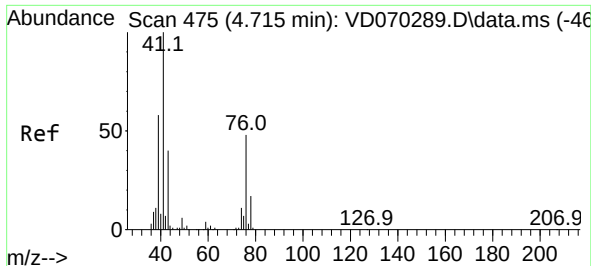
Tgt Ion: 64 Resp: 57

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#

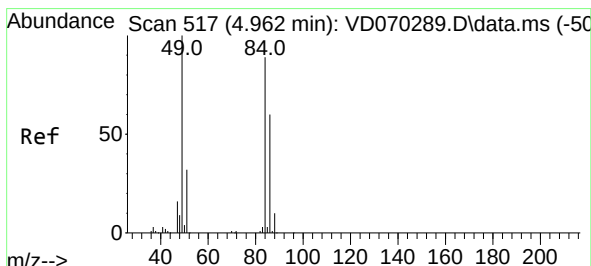
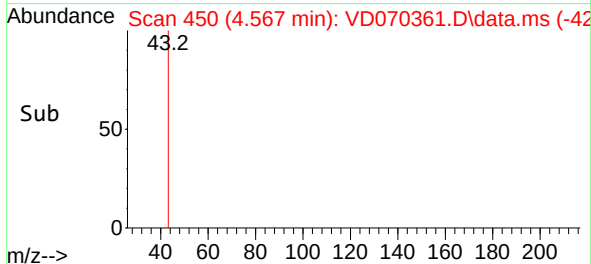
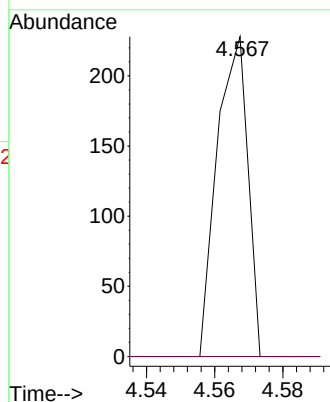
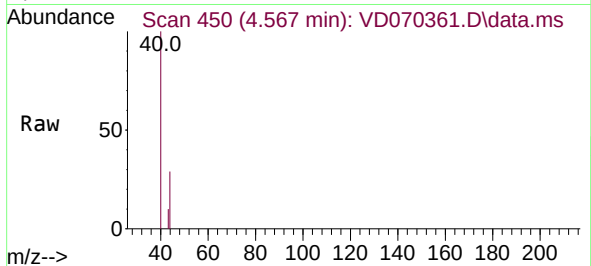




#18
Methyl Acetate
Concen: Below Cal
RT: 4.567 min Scan# 450
Delta R.T. -0.148 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

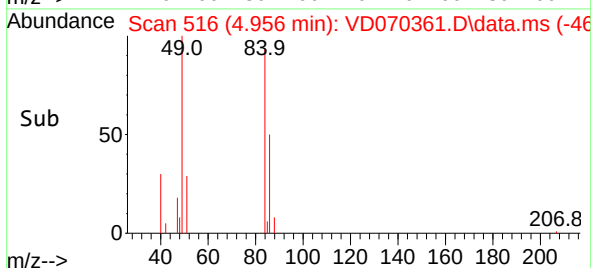
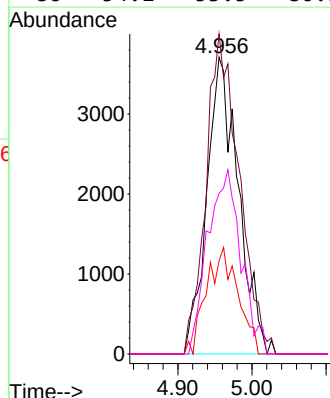
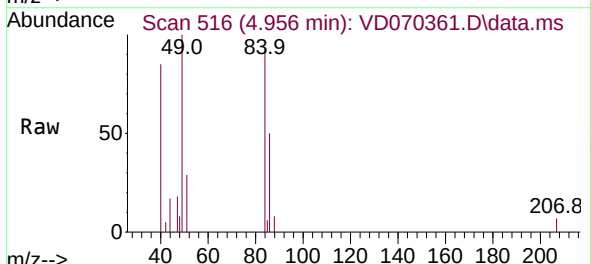
Instrument :
MSVOA_D
ClientSampleId :
A013015

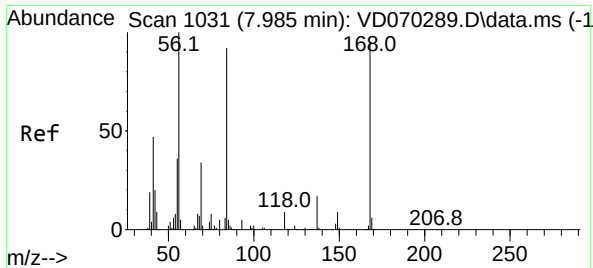
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion: 84 Resp: 10975
Ion Ratio Lower Upper
84 100
49 107.9 89.6 134.4
51 31.4 28.6 43.0
86 54.1 53.5 80.3

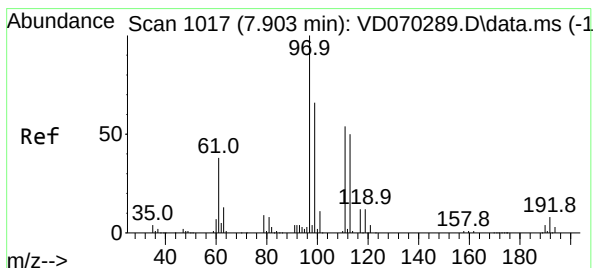
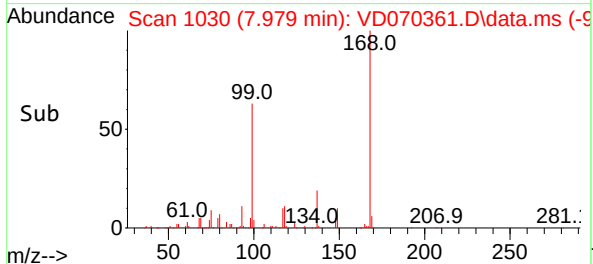
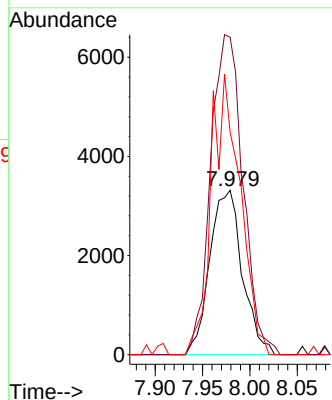
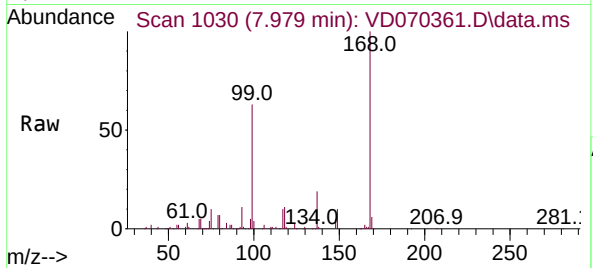




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

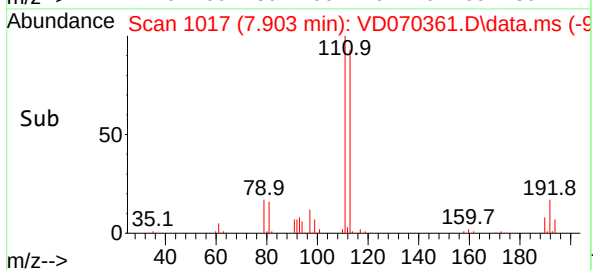
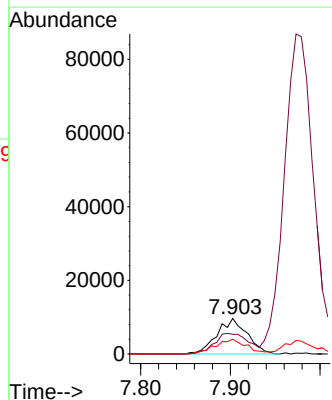
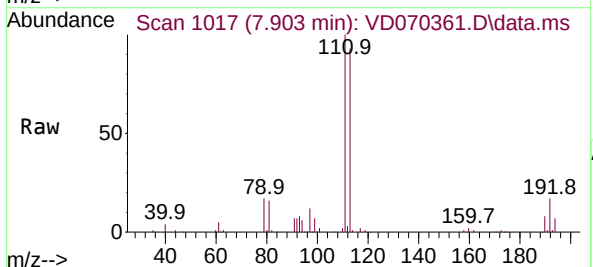
Instrument :
MSVOA_D
ClientSampleId :
A013015

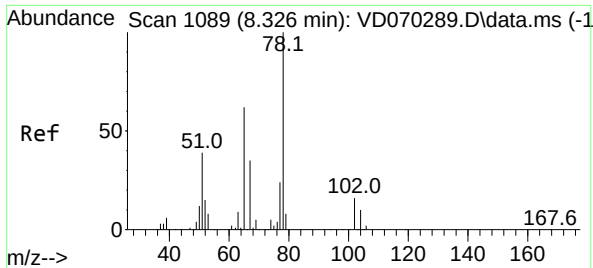
Tgt Ion: 56 Resp: 7941
Ion Ratio Lower Upper
56 100
69 193.2 26.9 40.3#
84 135.4 73.6 110.4#



#32
1,1,1-Trichloroethane
Concen: 3.219 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion: 97 Resp: 22456
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 43.5 31.4 47.0

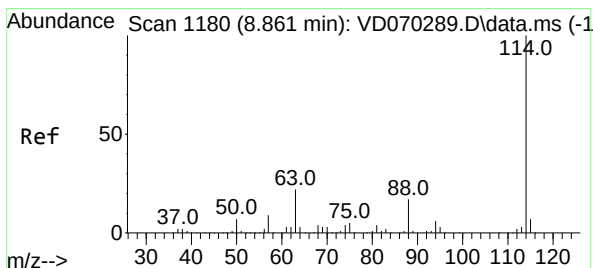
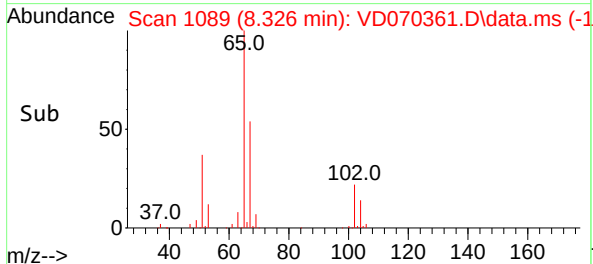
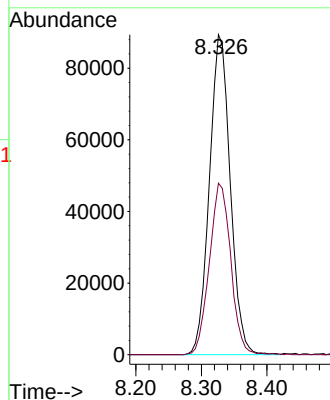
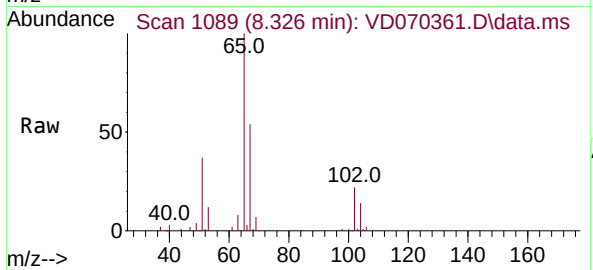




#33
1,2-Dichloroethane-d4
Concen: 49.295 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

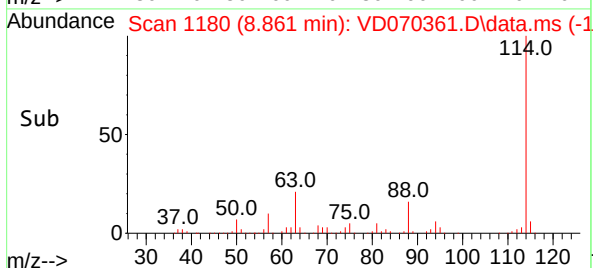
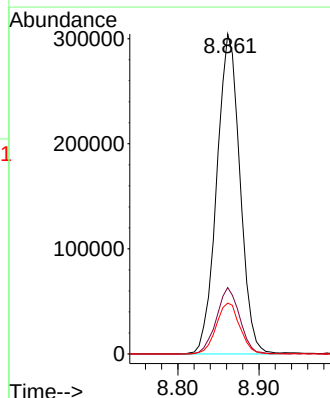
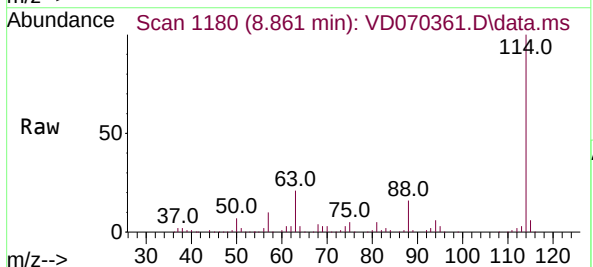
Instrument :
MSVOA_D
ClientSampleId :
A013015

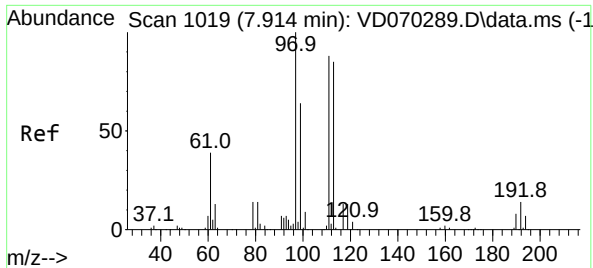
Tgt Ion: 65 Resp: 197499
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion: 114 Resp: 605519
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.4
88 15.9 0.0 33.4

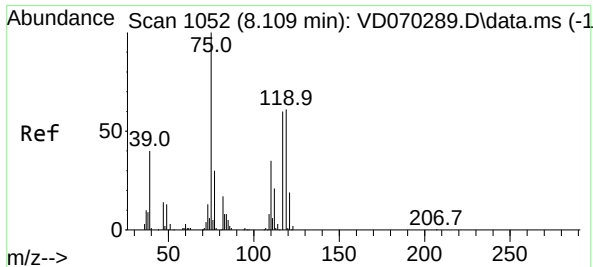
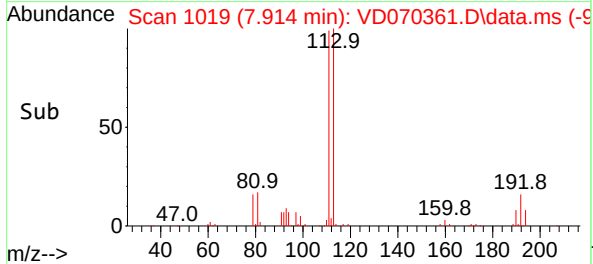
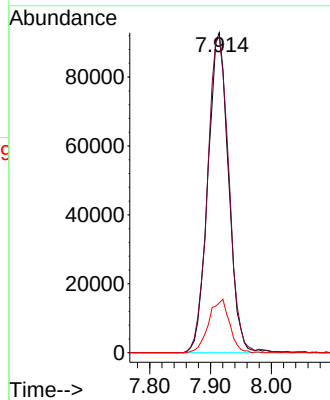
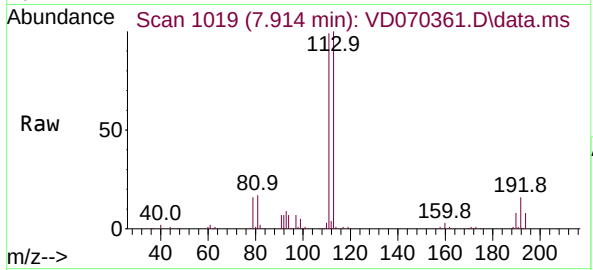




#35
Dibromofluoromethane
Concen: 50.715 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

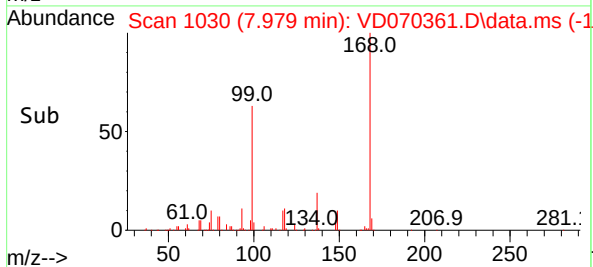
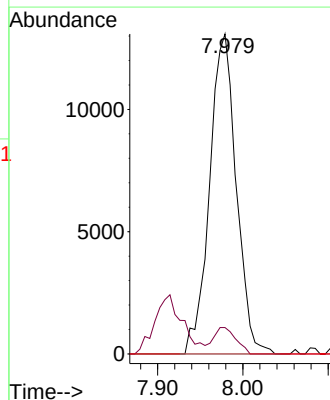
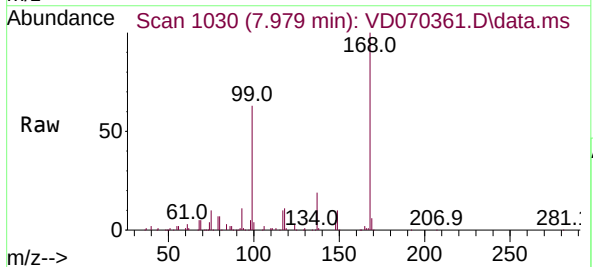
Instrument :
MSVOA_D
ClientSampleId :
A013015

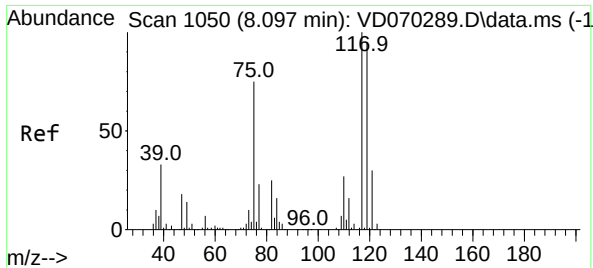
Tgt Ion:	113	Resp:	218590
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	16.9	13.0	19.6



#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion:	75	Resp:	28487
Ion	Ratio	Lower	Upper
75	100		
110	6.9	17.9	53.7#
77	0.0	25.3	37.9#

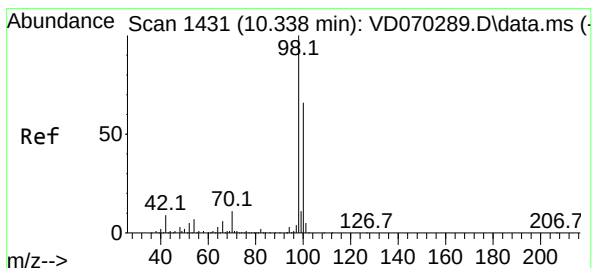
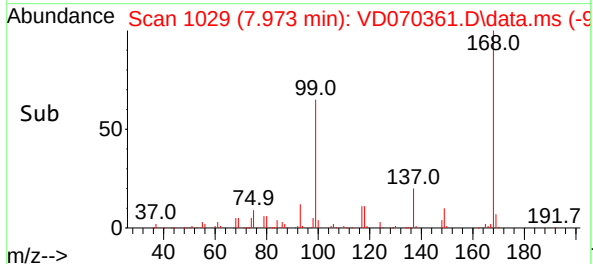
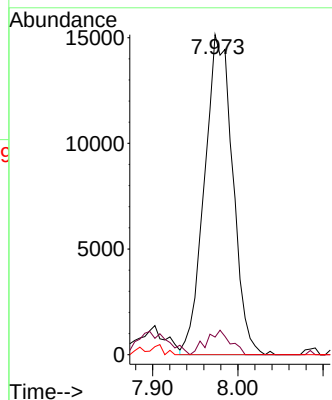
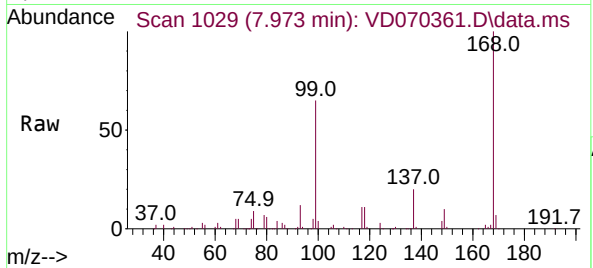




#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

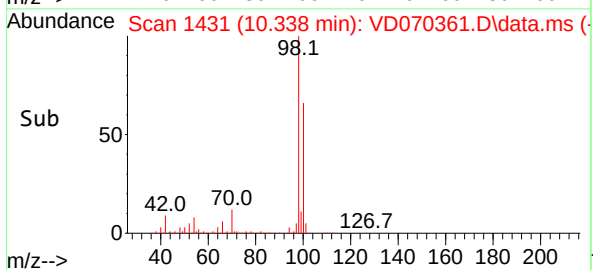
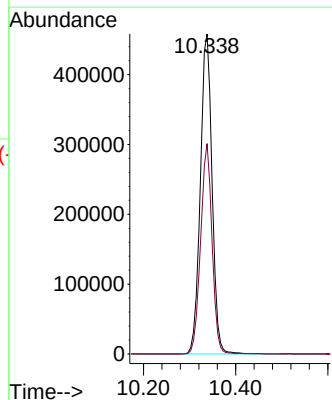
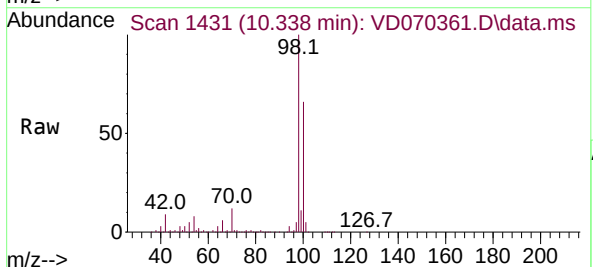
Instrument :
MSVOA_D
ClientSampleId :
A013015

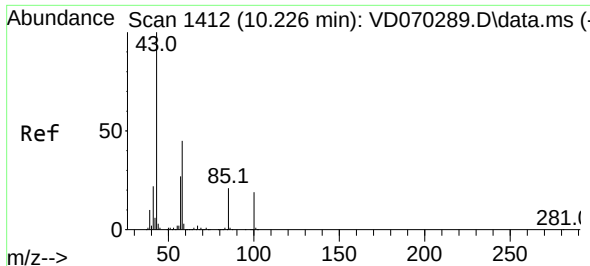
Tgt Ion:117 Resp: 34800
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.940 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion: 98 Resp: 812819
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

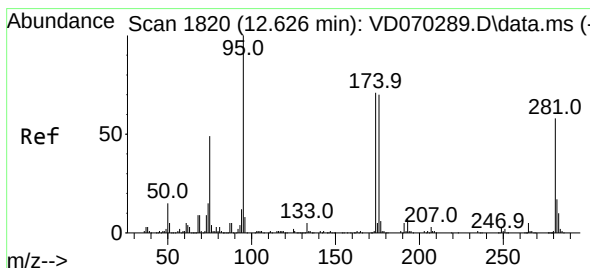
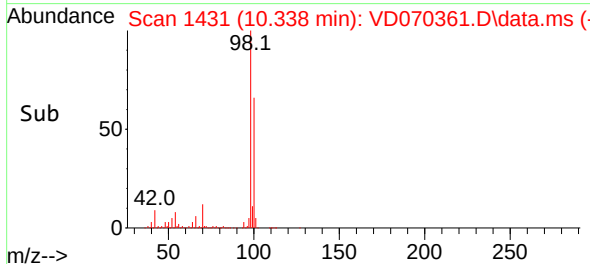
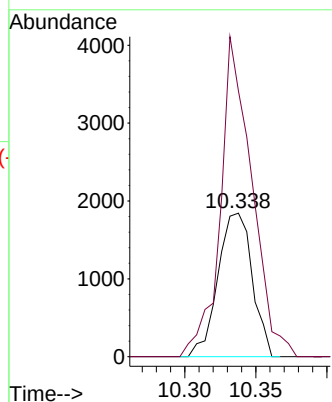
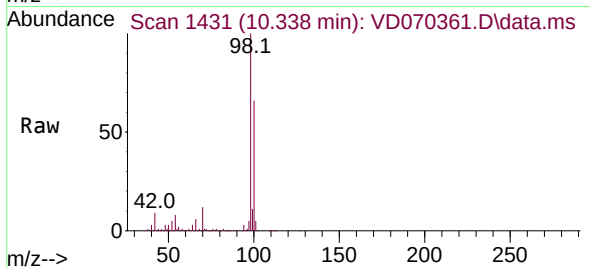




#51
4-Methyl-2-Pentanone
Concen: 1.335 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

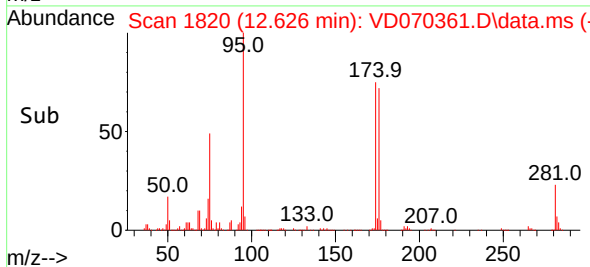
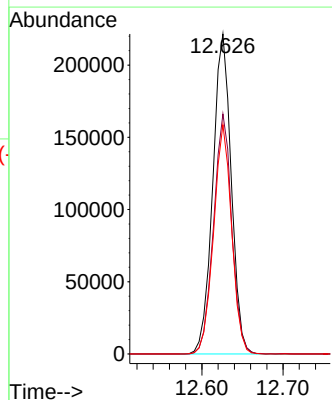
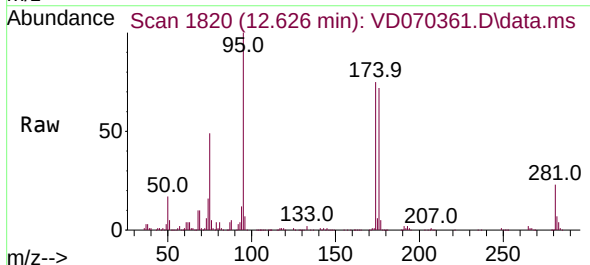
Instrument :
MSVOA_D
ClientSampleId :
A013015

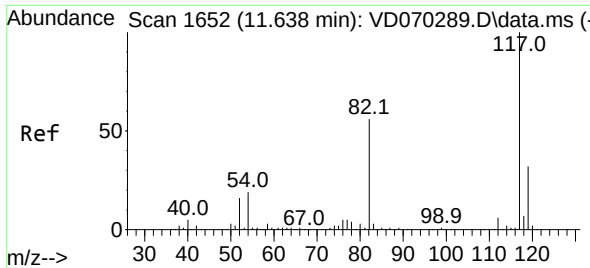
Tgt Ion: 43 Resp: 3092
Ion Ratio Lower Upper
43 100
58 205.0 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 63.884 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion: 95 Resp: 349393
Ion Ratio Lower Upper
95 100
174 74.3 0.0 140.6
176 70.0 0.0 137.4

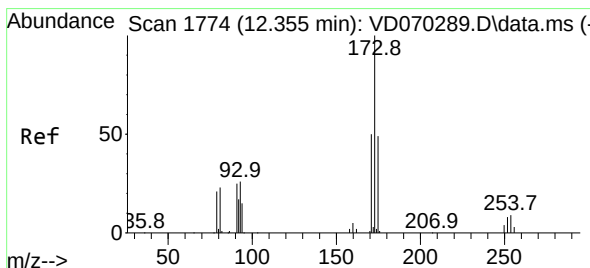
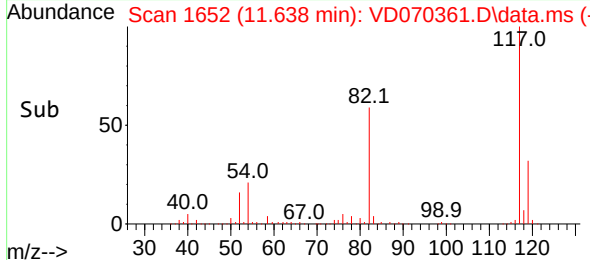
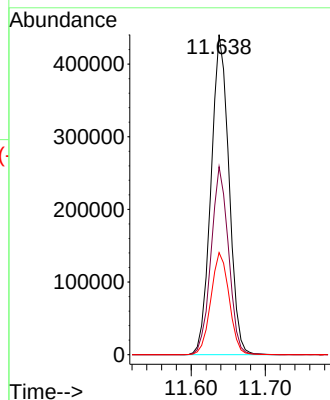
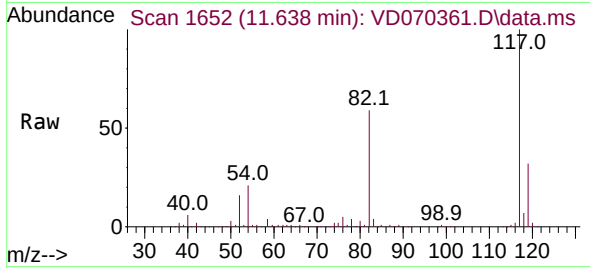




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

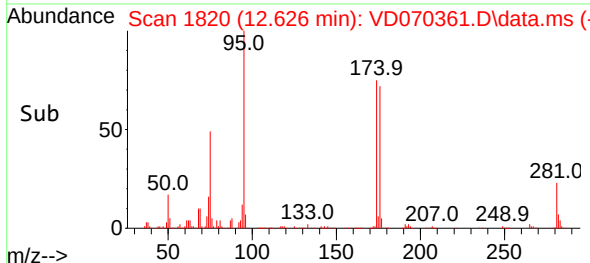
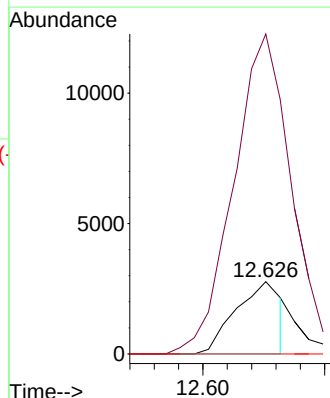
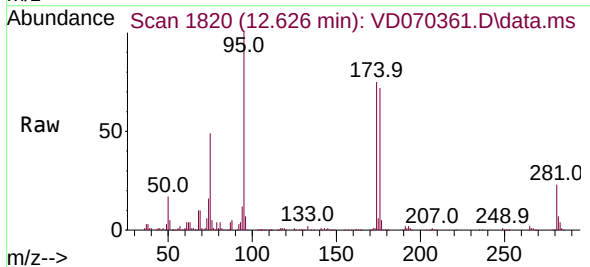
Instrument :
MSVOA_D
ClientSampleId :
A013015

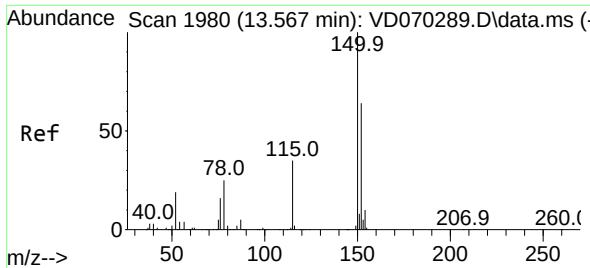
Tgt Ion:	117	Resp:	739064
Ion Ratio	Lower	Upper	
117	100		
82	58.8	45.0	67.4
119	31.9	25.2	37.8



#71
Bromoform
Concen: 1.300 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD070361.D
Acq: 14 Sep 2021 18:58

Tgt Ion:	173	Resp:	3603
Ion Ratio	Lower	Upper	
173	100		
175	461.4	25.1	75.2#
254	0.0	0.1	0.1#

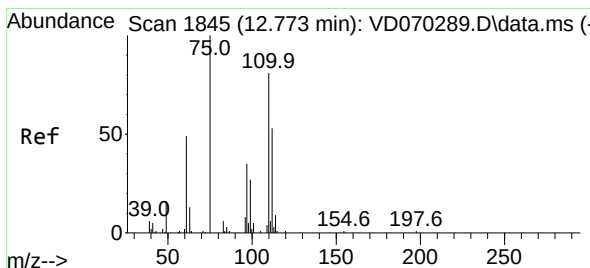
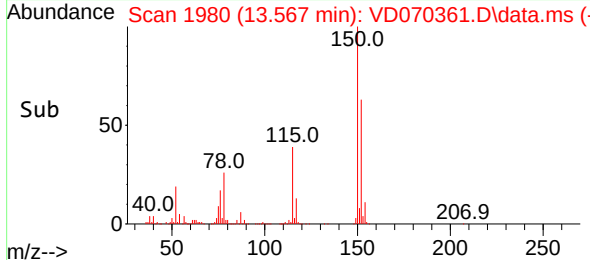
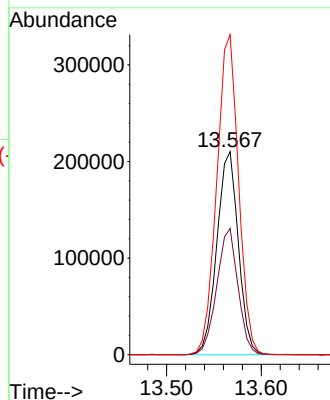
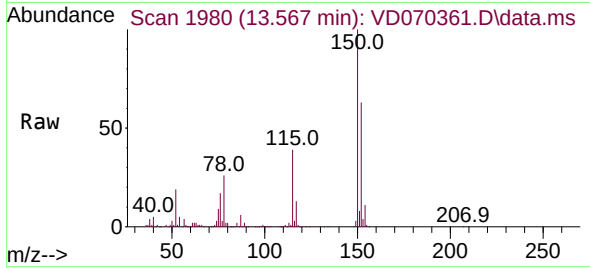




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070361.D
 Acq: 14 Sep 2021 18:58

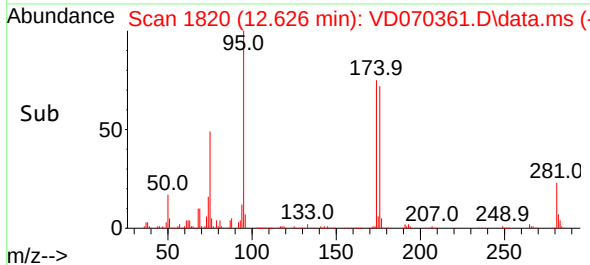
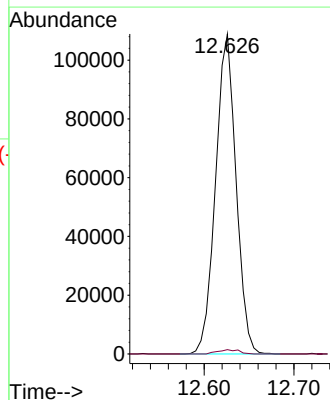
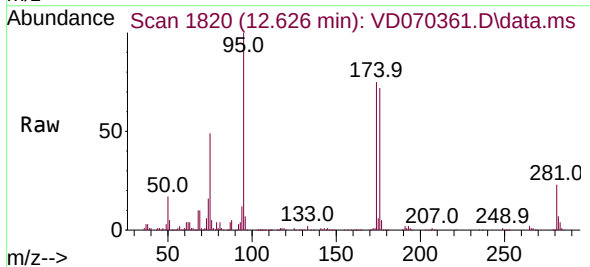
Instrument :
 MSVOA_D
 ClientSampleId :
 A013015

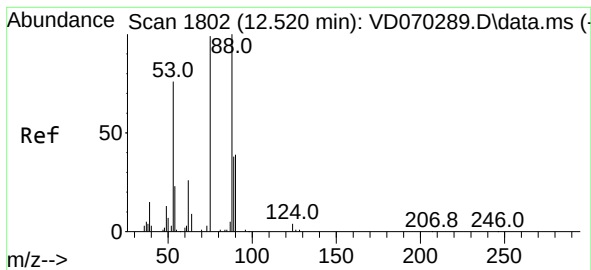
Tgt Ion:	152	Resp:	330971
Ion	Ratio	Lower	Upper
152	100		
115	61.6	32.1	96.3
150	160.3	0.0	350.6



#76
 1,2,3-Trichloropropane
 Concen: 51.531 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070361.D
 Acq: 14 Sep 2021 18:58

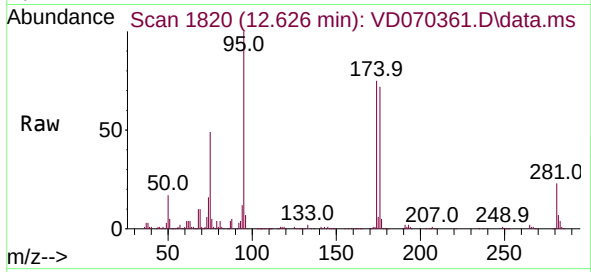
Tgt Ion:	75	Resp:	172515
Ion	Ratio	Lower	Upper
75	100		
77	1.4	174.9	524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.115 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070361.D
 Acq: 14 Sep 2021 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 A013015



Tgt Ion: 75 Resp: 172515
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.2 96.2#
 89 0.1 35.6 53.4#

