

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070173.D
 Acq On : 19 Aug 2021 17:44
 Operator : VA/SY
 Sample : M3418-09
 Misc : 3.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

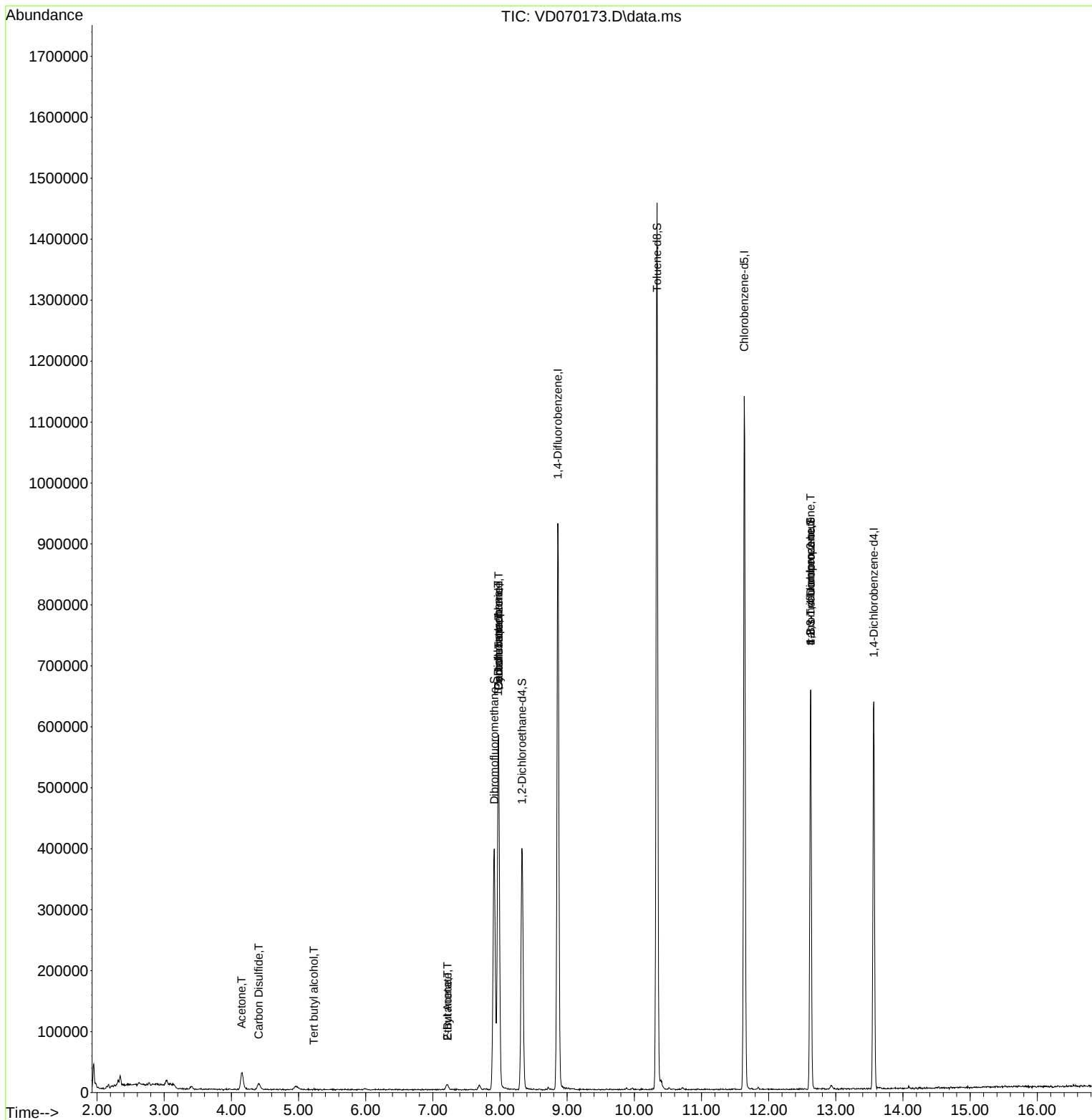
Quant Time: Aug 20 05:48:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

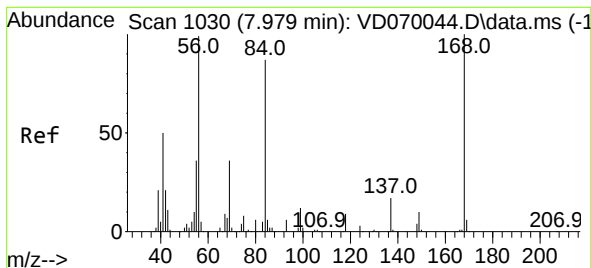
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	410265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	785867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	173826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	312992	64.864	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.720%			
35) Dibromofluoromethane	7.914	113	292355	57.582	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.160%			
50) Toluene-d8	10.338	98	972396	49.241	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.626	95	221563	34.064	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.120%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	850	Below Cal	#	53
5) Bromomethane	2.785	94	1480	Below Cal	#	28
11) Tert butyl alcohol	5.226	59	691	2.591	ug/l #	71
16) Acetone	4.150	43	49265	55.422	ug/l	96
17) Carbon Disulfide	4.409	76	21465	1.218	ug/l	97
20) Methylene Chloride	4.961	84	4245	Below Cal	#	81
25) 2-Butanone	7.220	43	13401	11.033	ug/l	91
31) Cyclohexane	7.979	56	10112	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	35872	4.243	ug/l #	48
37) Ethyl Acetate	7.220	43	13401	4.364	ug/l #	73
38) Carbon Tetrachloride	7.979	117	43817	5.709	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	109119	61.900	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	109119	160.669	ug/l #	18

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

Quant Time: Aug 20 05:48:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 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: VD070173.D

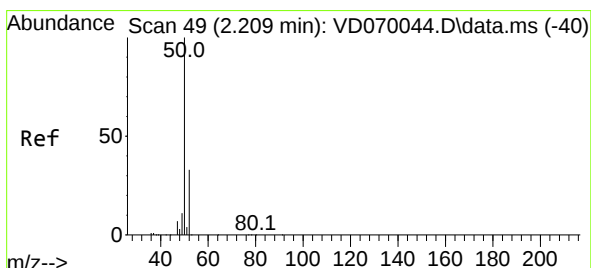
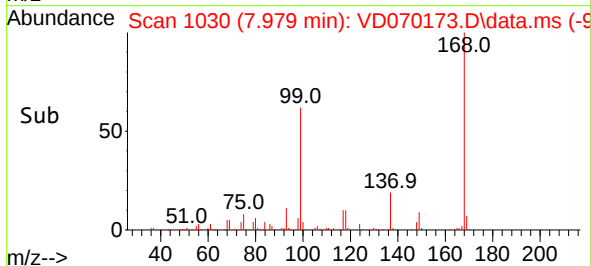
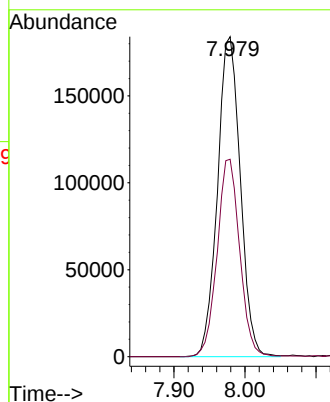
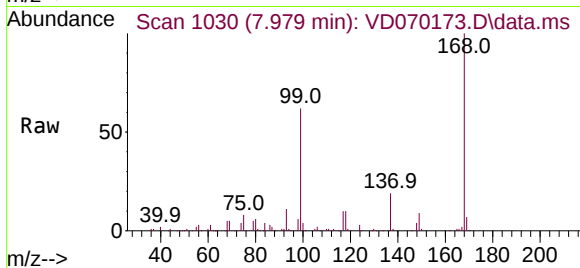
Acq: 19 Aug 2021 17:44

Tgt Ion:168 Resp: 410265

Ion Ratio Lower Upper

168 100

99 61.7 50.3 75.5



#3

Chloromethane

Concen: Below Cal

RT: 2.215 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD070173.D

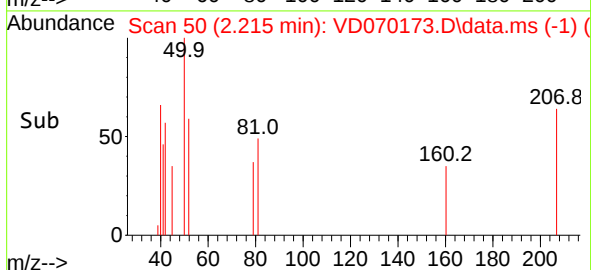
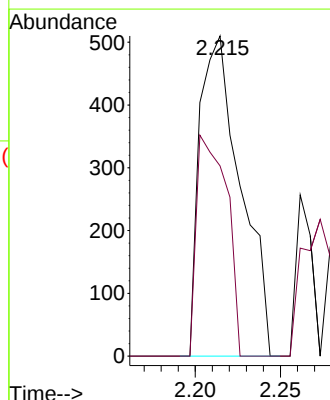
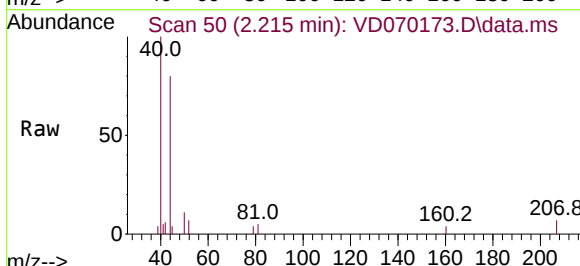
Acq: 19 Aug 2021 17:44

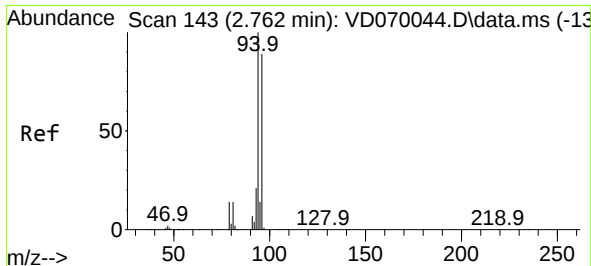
Tgt Ion: 50 Resp: 850

Ion Ratio Lower Upper

50 100

52 59.4 26.3 39.5#

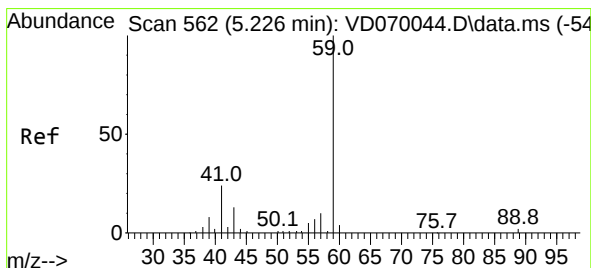
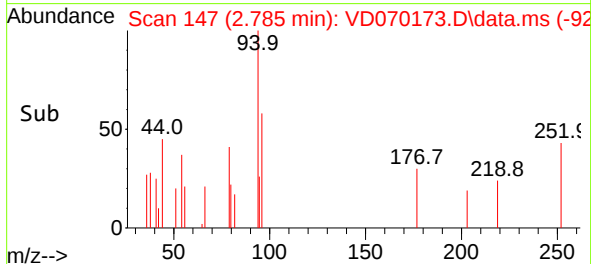
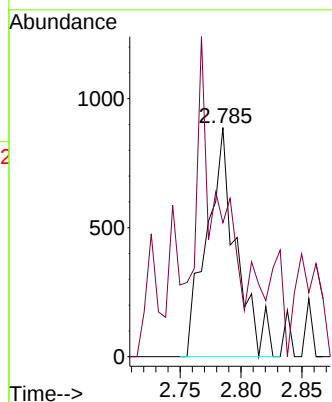
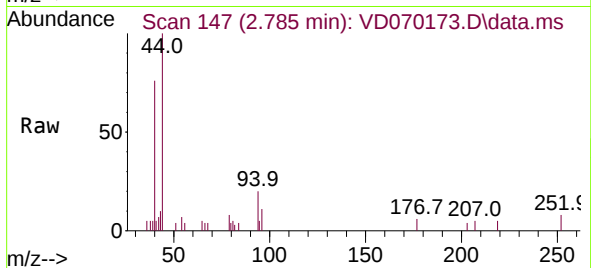




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

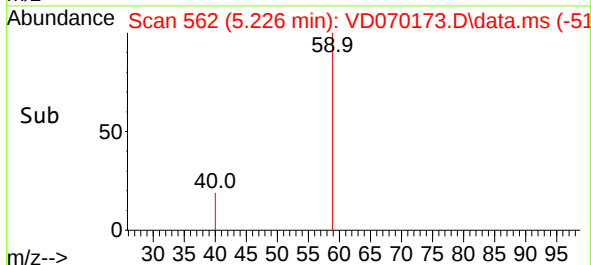
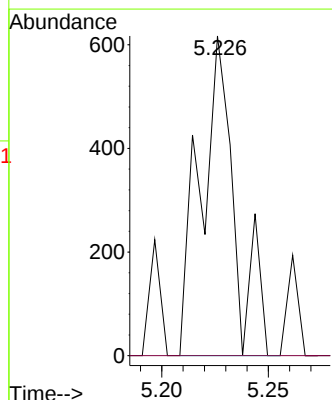
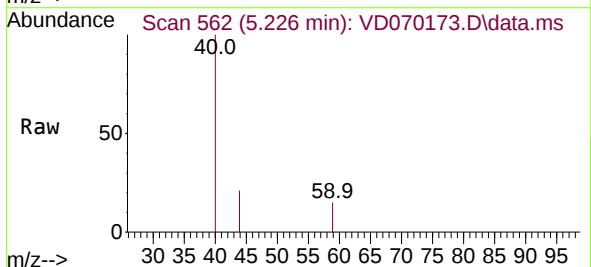
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 1480
Ion Ratio Lower Upper
94 100
96 21.5 70.9 106.3#



#11
Tert butyl alcohol
Concen: 2.591 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

Tgt Ion: 59 Resp: 691
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

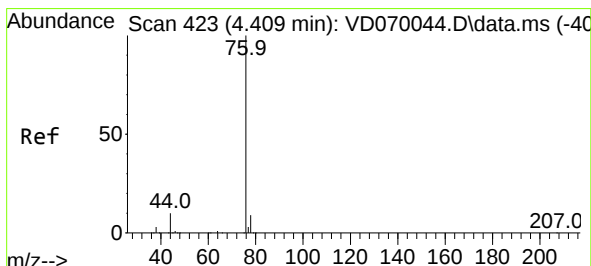
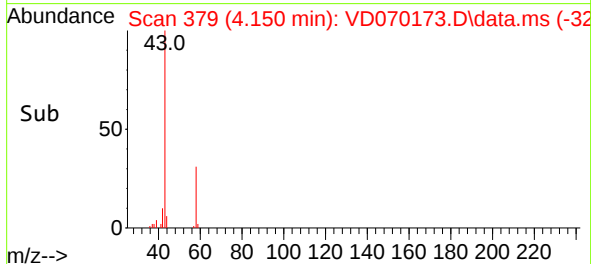
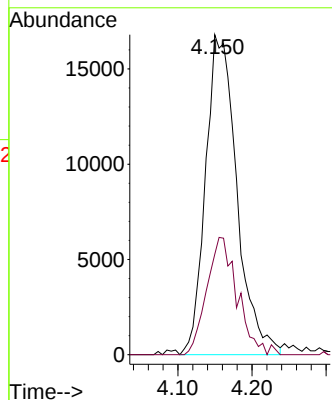
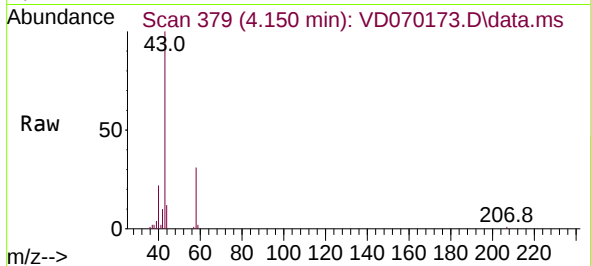




#16
Acetone
Concen: 55.422 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

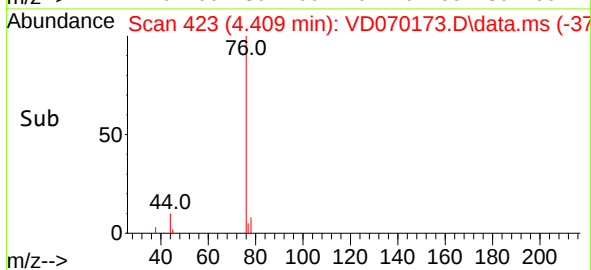
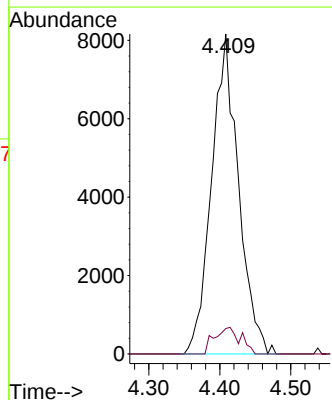
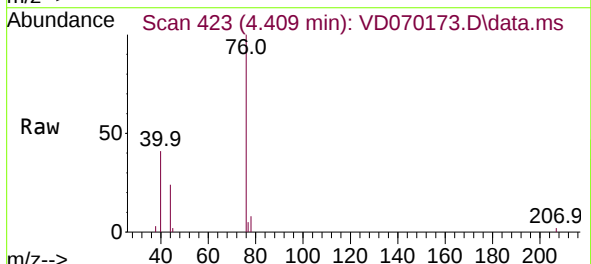
Instrument :
MSVOA_D
ClientSampleId :

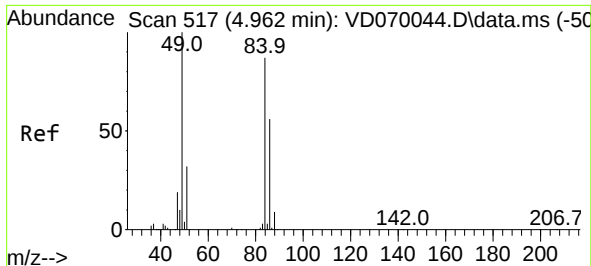
Tgt Ion: 43 Resp: 49265
Ion Ratio Lower Upper
43 100
58 31.4 26.8 40.2



#17
Carbon Disulfide
Concen: 1.218 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

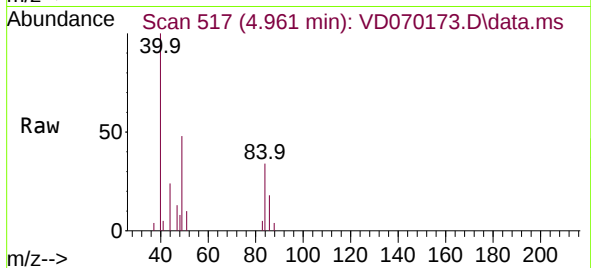
Tgt Ion: 76 Resp: 21465
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



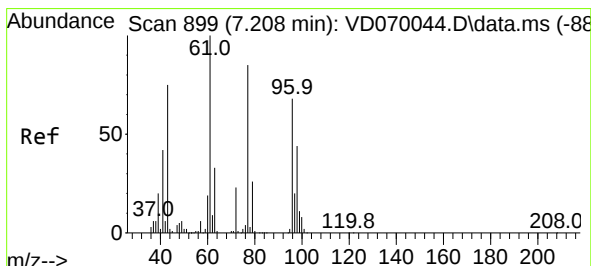
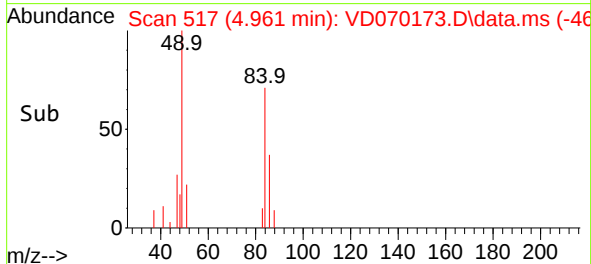
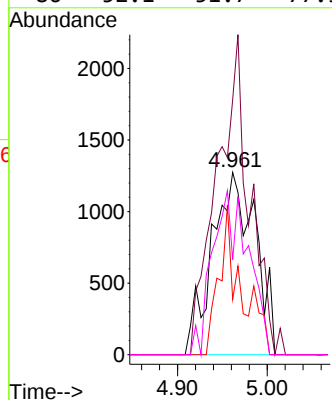


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

Instrument :
MSVOA_D
ClientSampleId :

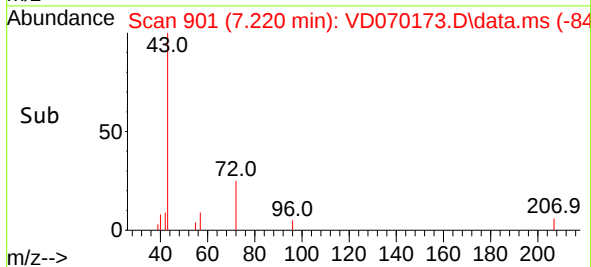
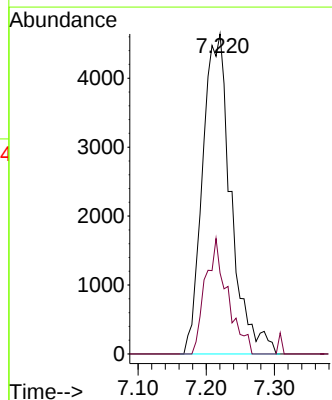
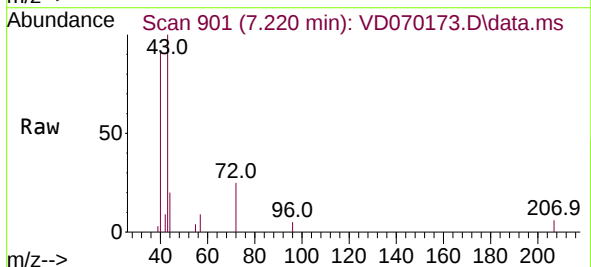


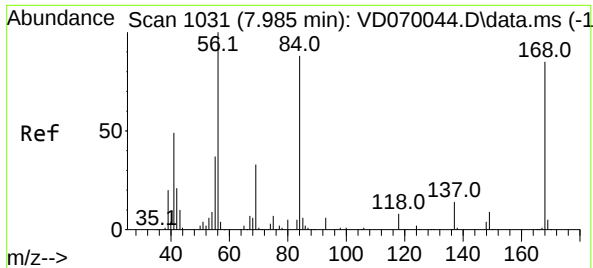
Tgt Ion:	84	Resp:	4245
Ion	Ratio	Lower	Upper
84	100		
49	139.9	92.5	138.7#
51	30.4	29.7	44.5
86	52.1	51.7	77.5



#25
2-Butanone
Concen: 11.033 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

Tgt Ion:	43	Resp:	13401
Ion	Ratio	Lower	Upper
43	100		
72	25.3	24.2	36.4

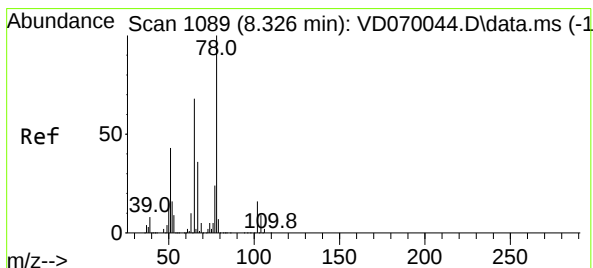
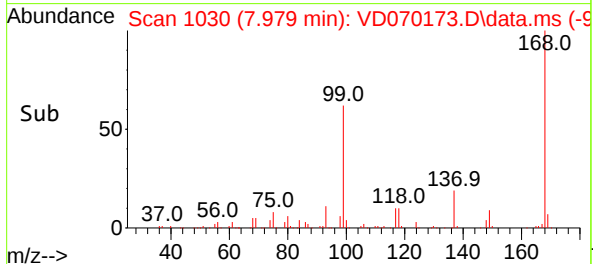
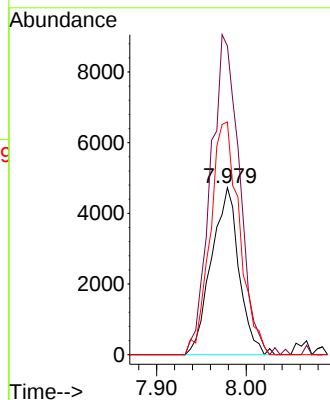
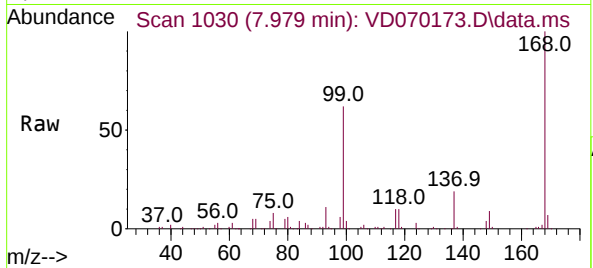




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

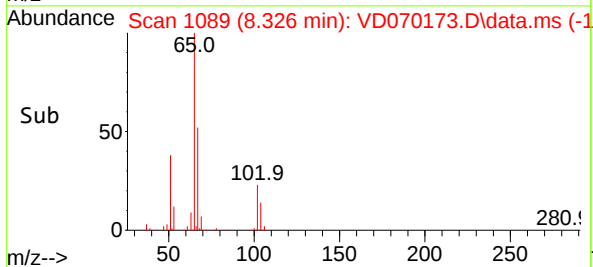
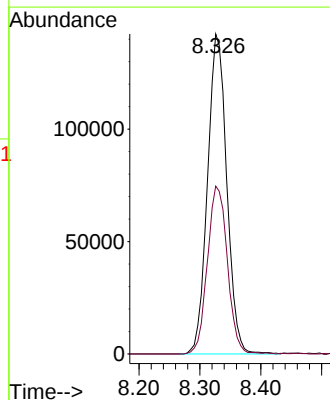
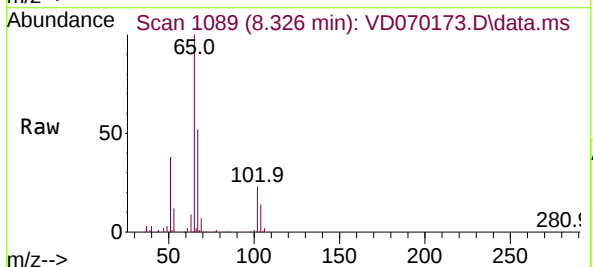
Instrument :
MSVOA_D
ClientSampleId :

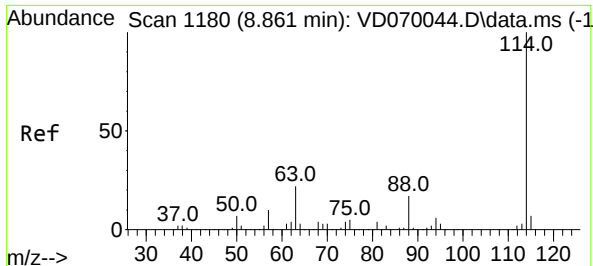
Tgt Ion: 56 Resp: 10112
Ion Ratio Lower Upper
56 100
69 184.8 26.7 40.1#
84 139.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 64.864 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

Tgt Ion: 65 Resp: 312992
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8

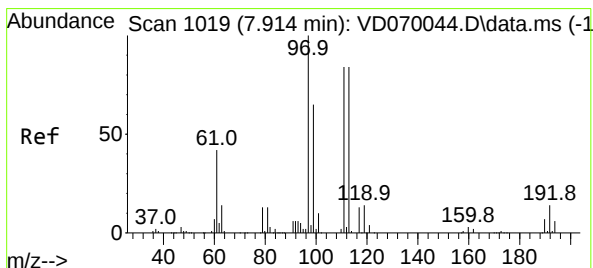
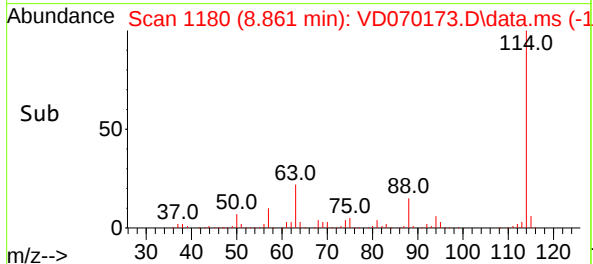
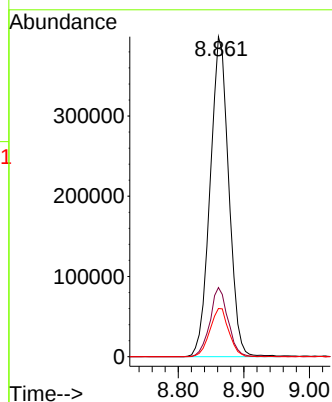
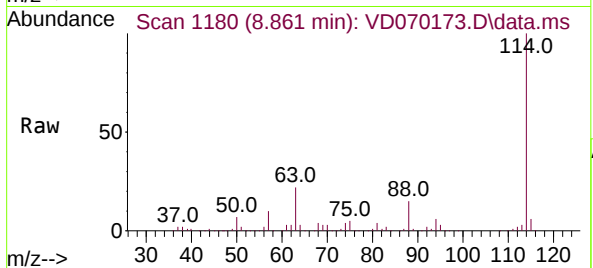




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

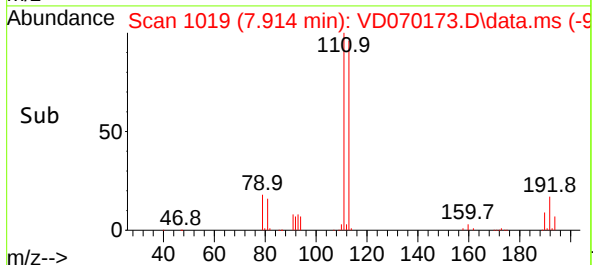
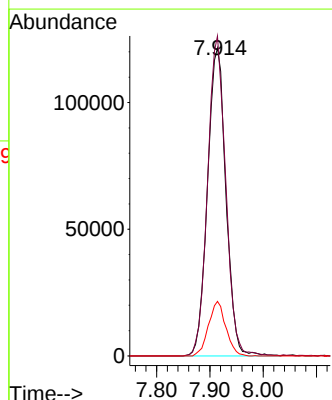
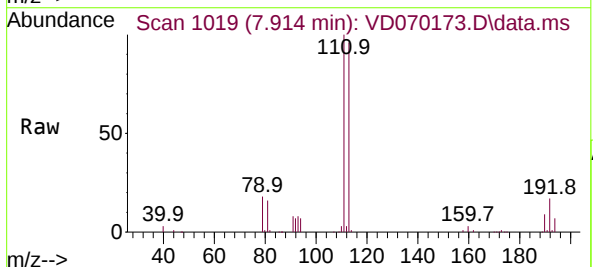
Instrument :
MSVOA_D
ClientSampleId :

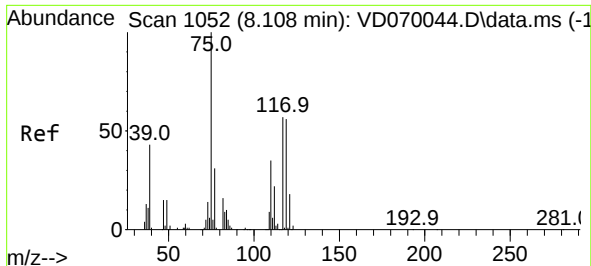
Tgt Ion:114 Resp: 785867
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 57.582 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

Tgt Ion:113 Resp: 292355
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 16.7 13.2 19.8

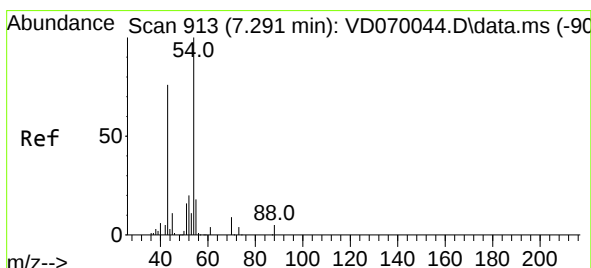
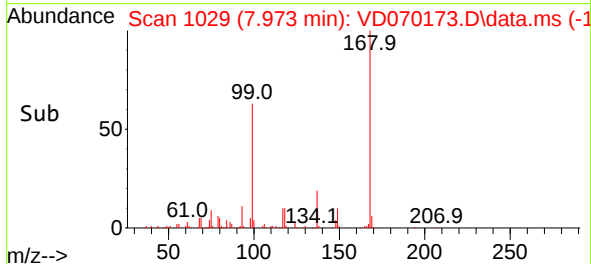
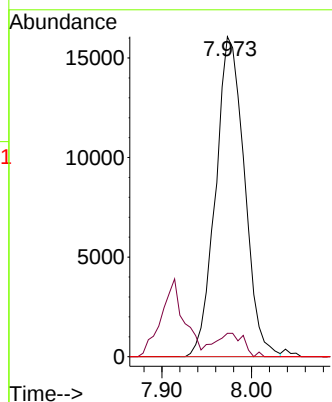
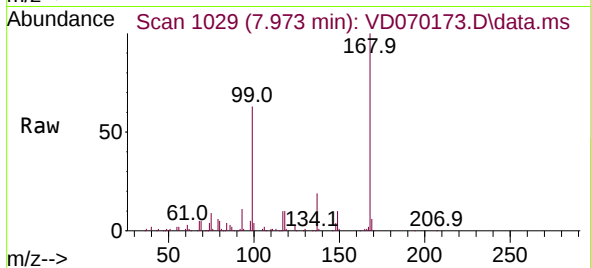




#36
1,1-Dichloropropene
Concen: 4.243 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

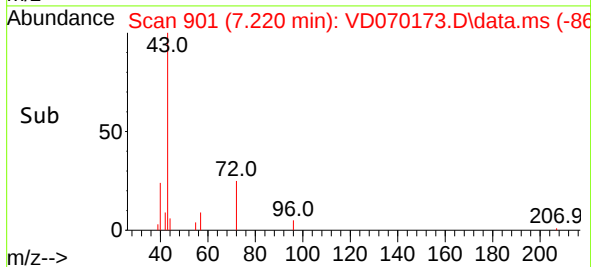
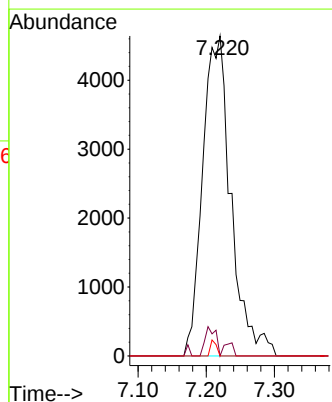
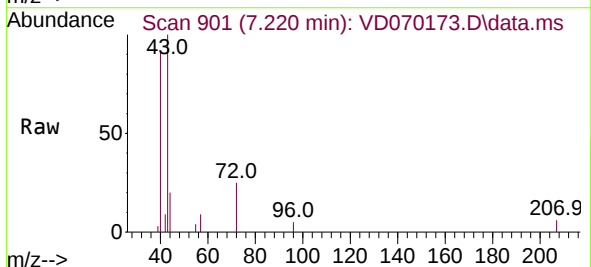
Instrument :
MSVOA_D
ClientSampleId :

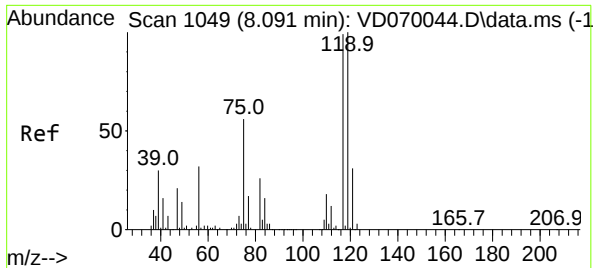
Tgt Ion: 75 Resp: 35872
Ion Ratio Lower Upper
75 100
110 7.0 16.9 50.7#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 4.364 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.071 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

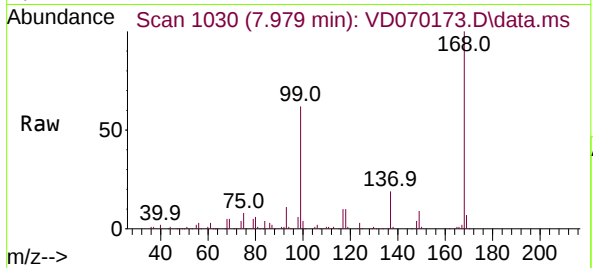
Tgt Ion: 43 Resp: 13401
Ion Ratio Lower Upper
43 100
61 3.5 11.8 17.6#
70 1.1 9.0 13.6#



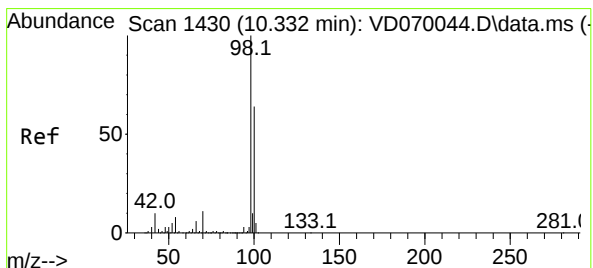
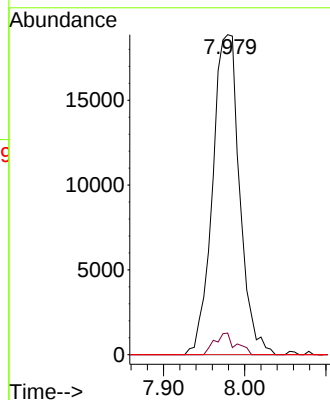
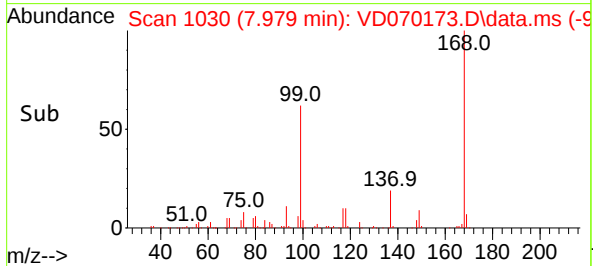


#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

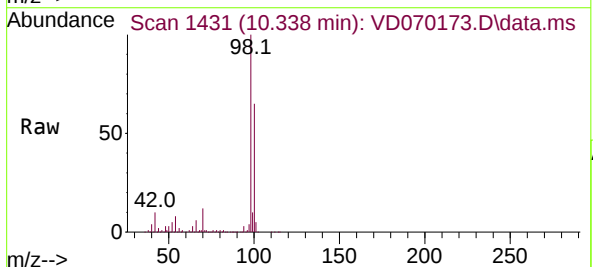
Instrument :
MSVOA_D
ClientSampleId :



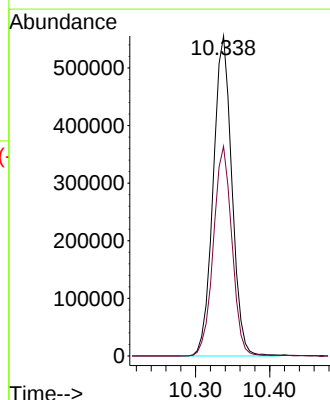
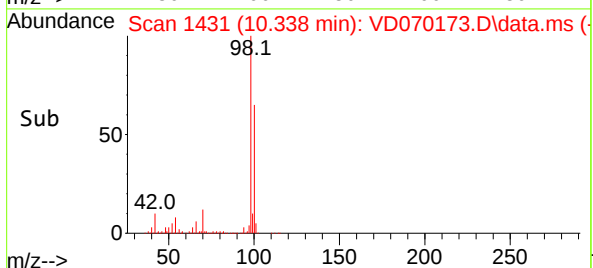
Tgt Ion:117 Resp: 43817
Ion Ratio Lower Upper
117 100
119 6.7 81.0 121.6#
121 0.0 25.0 37.6#

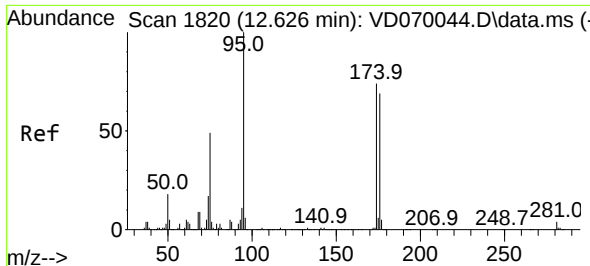


#50
Toluene-d8
Concen: 49.241 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44



Tgt Ion: 98 Resp: 972396
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

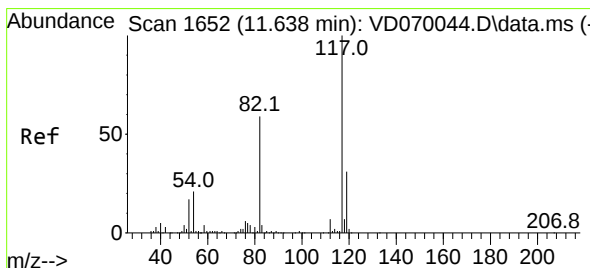
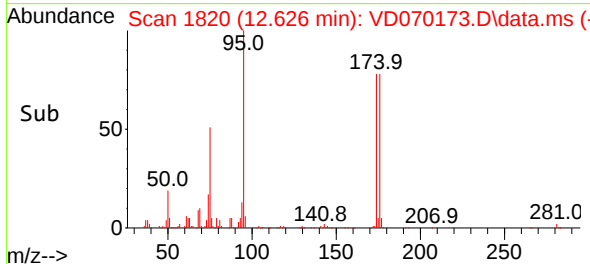
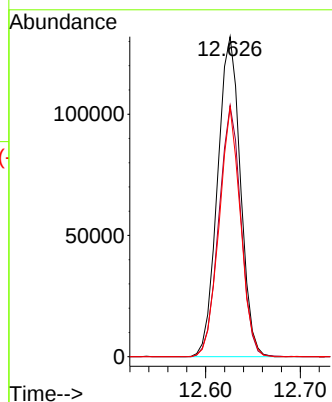
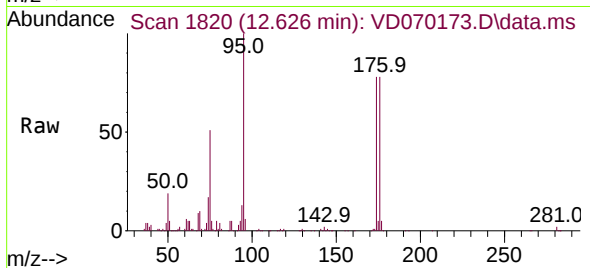




#62
4-Bromofluorobenzene
Concen: 34.064 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

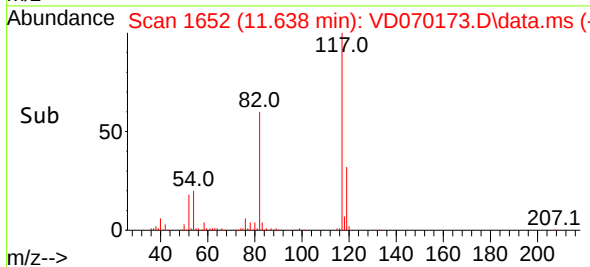
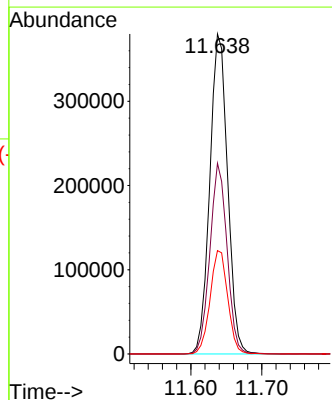
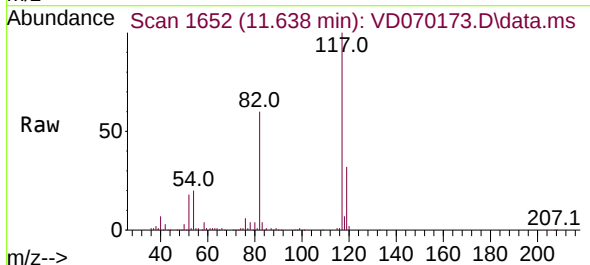
Instrument :
MSVOA_D
ClientSampleId :

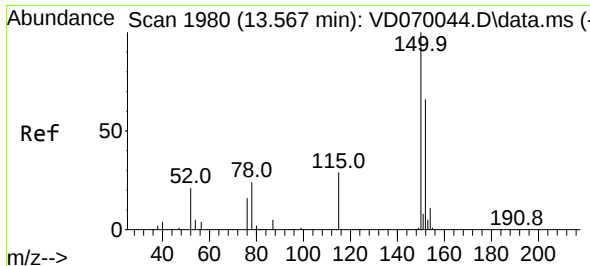
Tgt Ion: 95 Resp: 221563
Ion Ratio Lower Upper
95 100
174 75.7 0.0 141.6
176 72.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070173.D
Acq: 19 Aug 2021 17:44

Tgt Ion: 117 Resp: 661021
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 32.3 25.1 37.7

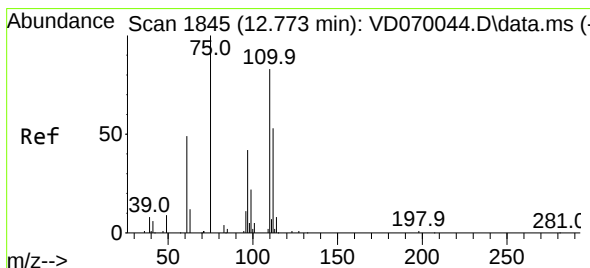
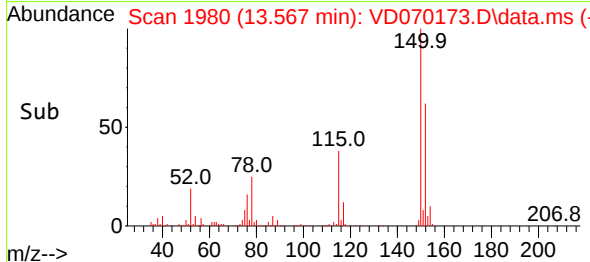
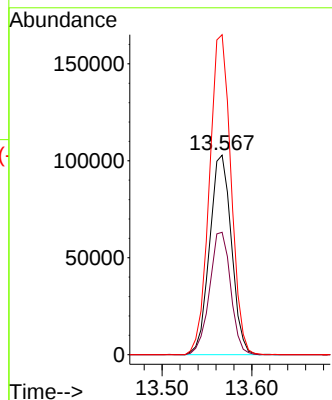
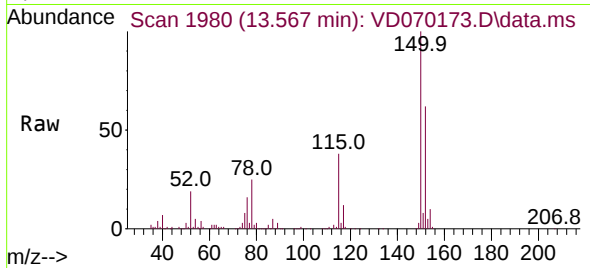




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070173.D
 Acq: 19 Aug 2021 17:44

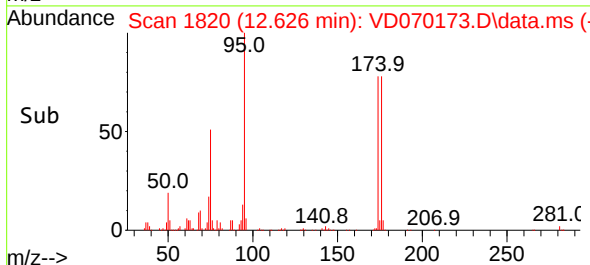
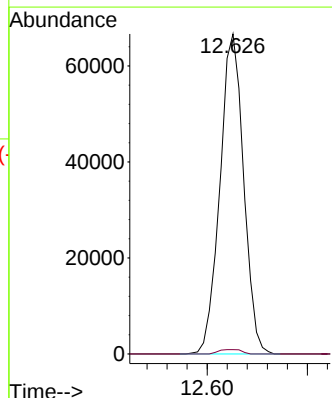
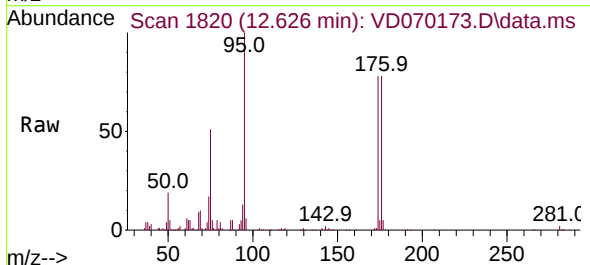
Instrument :
 MSVOA_D
 ClientSampleId :

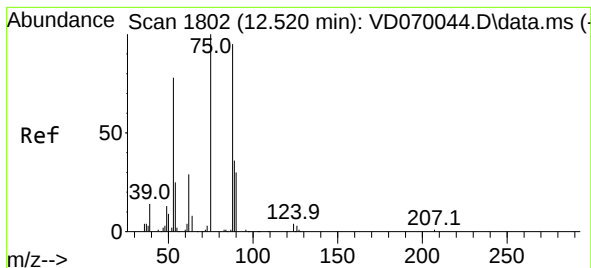
Tgt Ion:152 Resp: 173826
 Ion Ratio Lower Upper
 152 100
 115 59.3 31.2 93.6
 150 158.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 61.900 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070173.D
 Acq: 19 Aug 2021 17:44

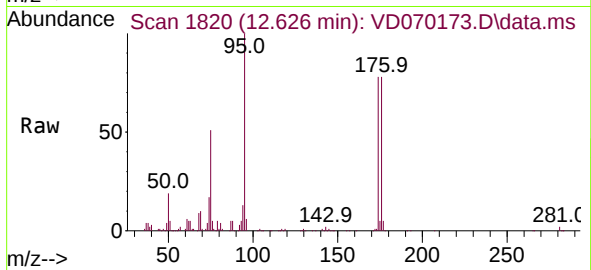
Tgt Ion: 75 Resp: 109119
 Ion Ratio Lower Upper
 75 100
 77 1.3 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.669 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070173.D
 Acq: 19 Aug 2021 17:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 109119
 Ion Ratio Lower Upper
 75 100
 53 0.5 64.5 96.7#
 89 0.1 33.7 50.5#

