

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072042.D
 Acq On : 21 Feb 2022 19:48
 Operator : VA/SY
 Sample : N1626-13
 Misc : 4.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A7

Quant Time: Feb 22 01:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

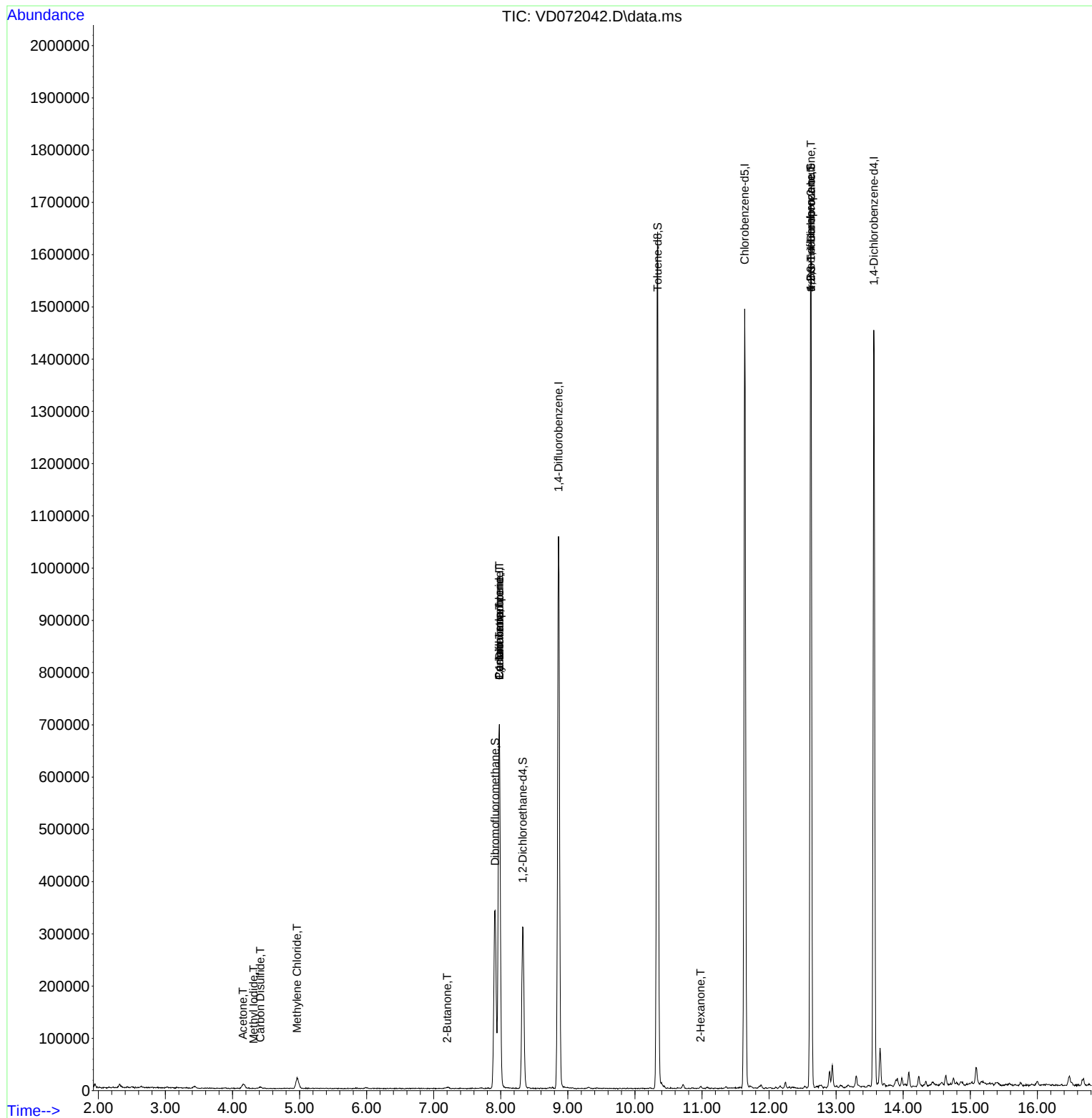
Internal Standards						
1) Pentafluorobenzene	7.979	168	519298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	901428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	843726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	384946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257358	47.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.560%		
35) Dibromofluoromethane	7.914	113	255646	46.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.620%		
50) Toluene-d8	10.338	98	1108194	54.716	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.440%		
62) 4-Bromofluorobenzene	12.620	95	394273	52.996	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.000%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	728	Below Cal	#	47
10) Methyl Iodide	4.314	142	162	2.950	ug/l #	40
16) Acetone	4.156	43	16055	13.791	ug/l	99
17) Carbon Disulfide	4.414	76	6161	1.121	ug/l #	85
18) Methyl Acetate	4.779	43	72	Below Cal	#	52
20) Methylene Chloride	4.961	84	15036	2.595	ug/l #	78
25) 2-Butanone	7.202	43	3304	2.053	ug/l #	82
31) Cyclohexane	7.979	56	11434	1.202	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	41566	5.024	ug/l #	51
38) Carbon Tetrachloride	7.979	117	50855	5.998	ug/l #	18
59) 2-Hexanone	10.979	43	3067	1.188	ug/l	76
76) 1,2,3-Trichloropropane	12.626	75	206844	56.727	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	206844	142.057	ug/l #	10

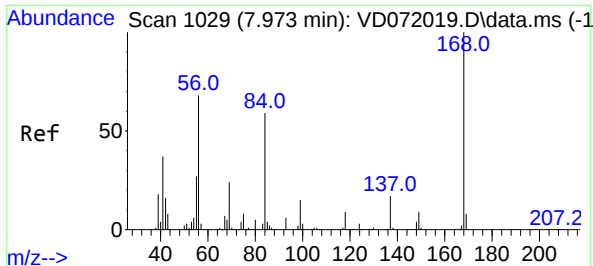
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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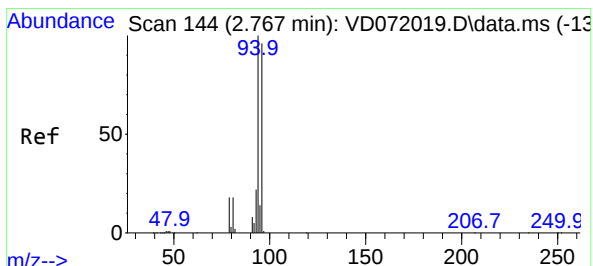
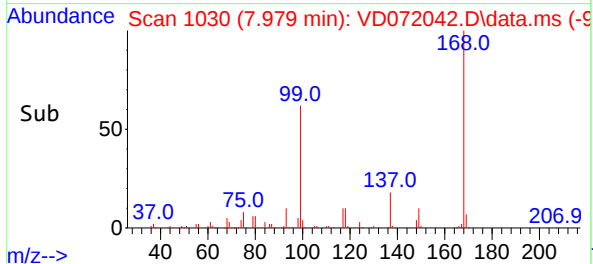
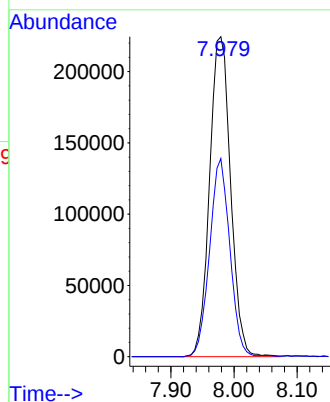
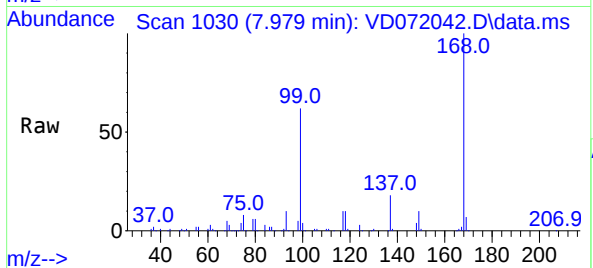




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

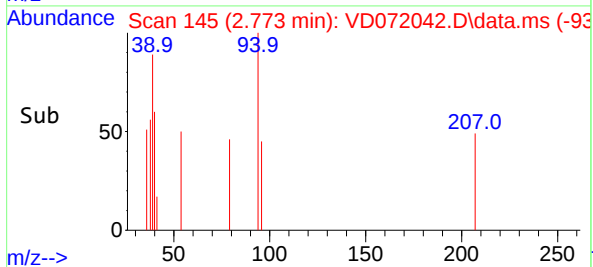
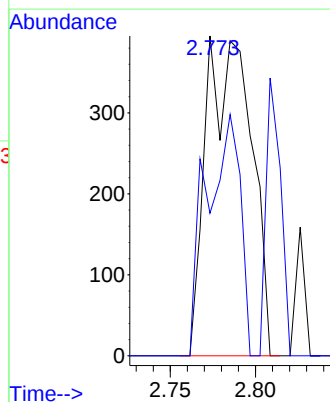
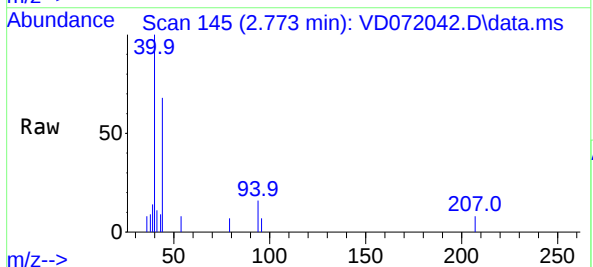
Instrument :
MSVOA_D
ClientSampleId :
CC-A7

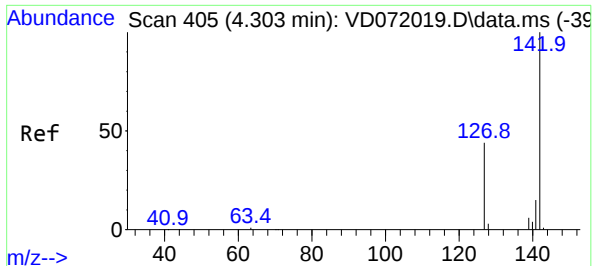
Tgt Ion:168 Resp: 519298
Ion Ratio Lower Upper
168 100
99 61.9 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 44.6 76.8 115.2#

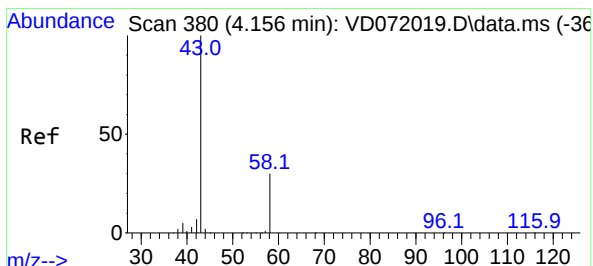
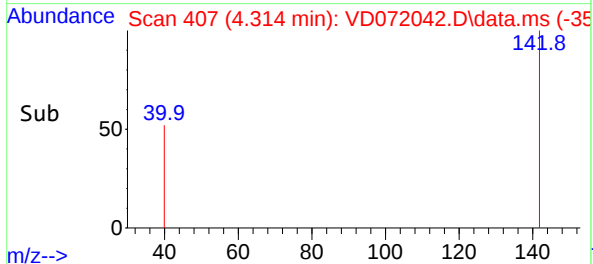
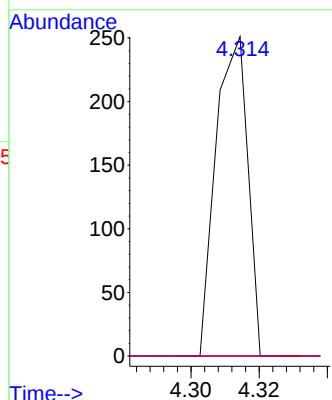
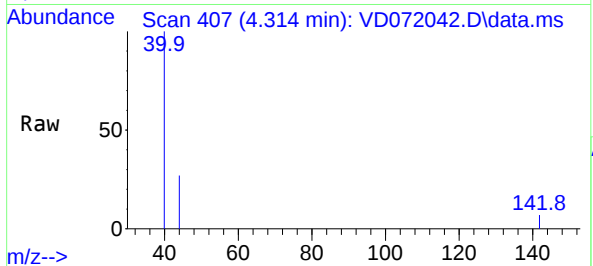




#10
Methyl Iodide
Concen: 2.950 ug/l
RT: 4.314 min Scan# 405
Delta R.T. 0.011 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

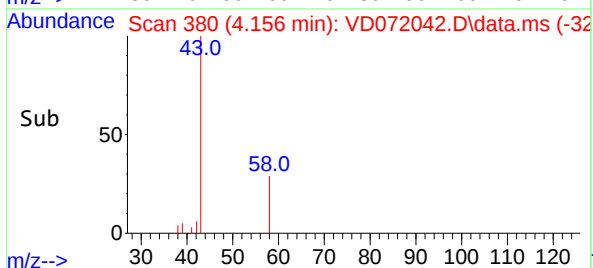
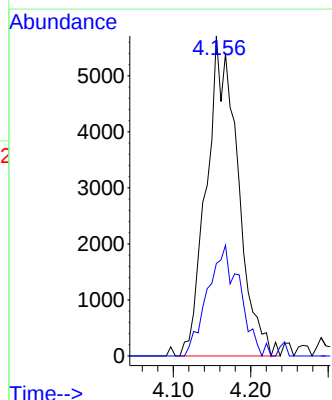
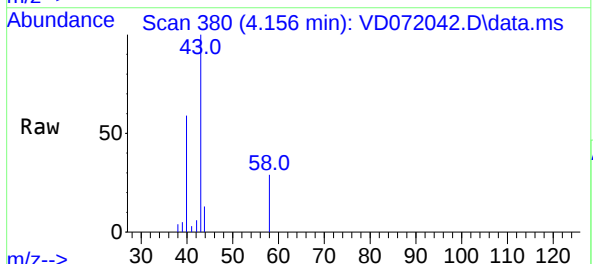
Instrument :
MSVOA_D
ClientSampleId :
CC-A7

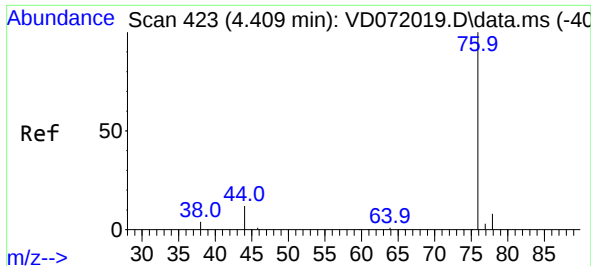
Tgt Ion:142 Resp: 162
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 13.791 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion: 43 Resp: 16055
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.6

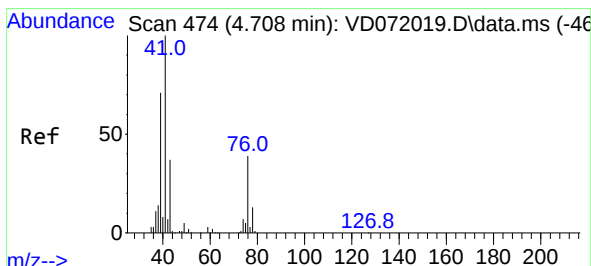
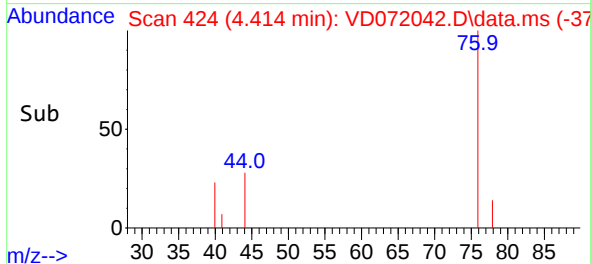
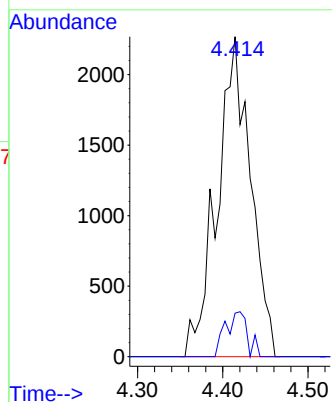
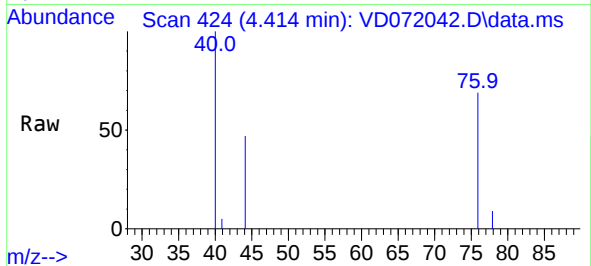




#17
Carbon Disulfide
Concen: 1.121 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

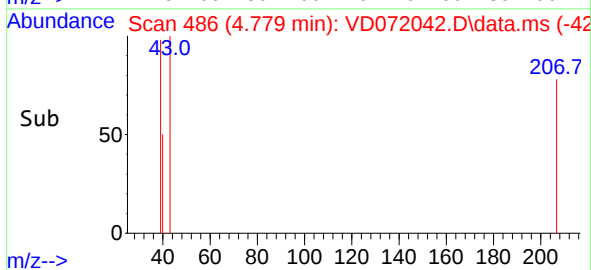
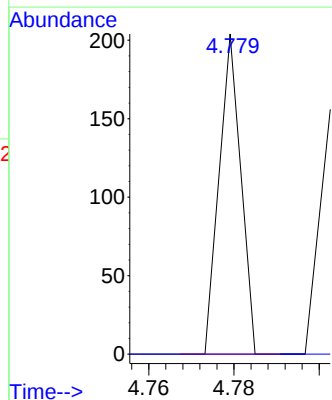
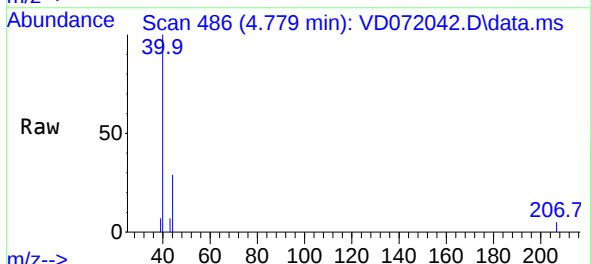
Instrument :
MSVOA_D
ClientSampleId :
CC-A7

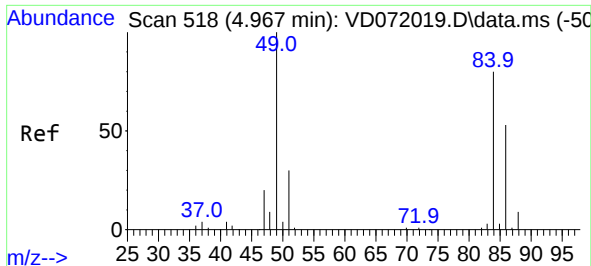
Tgt Ion: 76 Resp: 6161
Ion Ratio Lower Upper
76 100
78 13.6 6.7 10.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.779 min Scan# 486
Delta R.T. 0.071 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

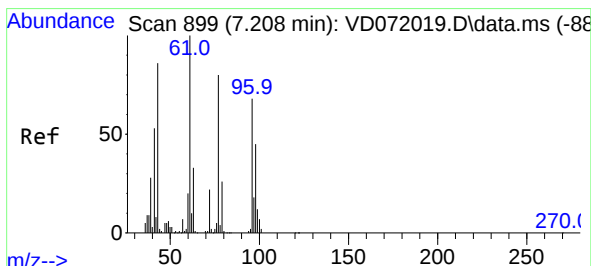
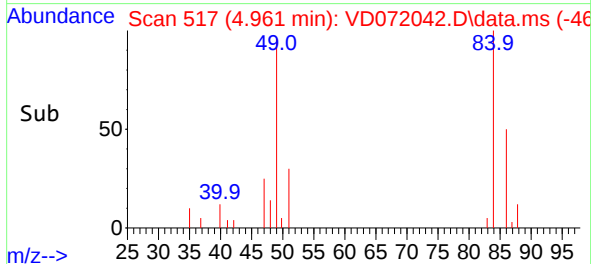
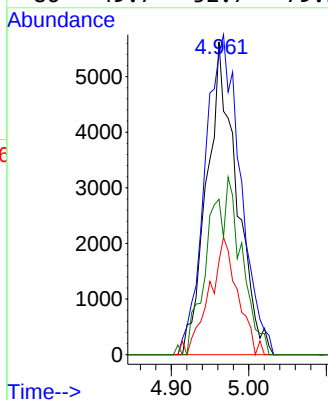
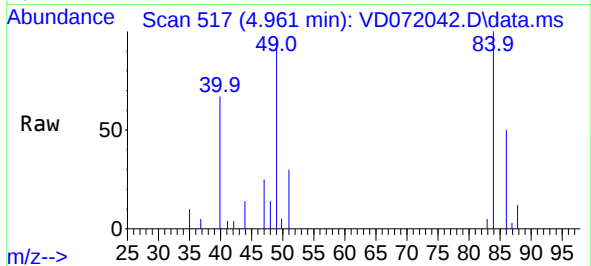




#20
Methylene Chloride
Concen: 2.595 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

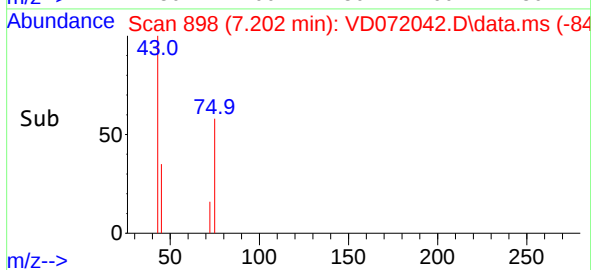
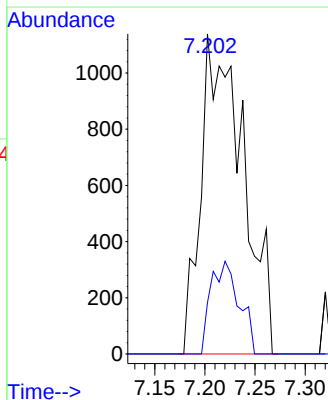
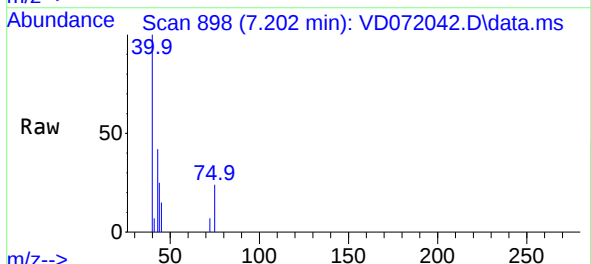
Instrument :
MSVOA_D
ClientSampleId :
CC-A7

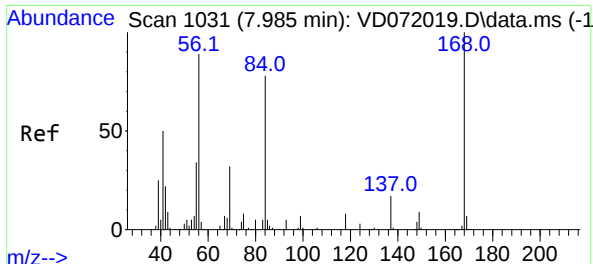
Tgt Ion:	84	Resp:	15036
Ion	Ratio	Lower	Upper
84	100		
49	95.9	100.0	150.0#
51	29.9	30.2	45.4#
86	49.7	52.7	79.1#



#25
2-Butanone
Concen: 2.053 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion:	43	Resp:	3304
Ion	Ratio	Lower	Upper
43	100		
72	16.1	20.3	30.5#





#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072042.D

Acq: 21 Feb 2022 19:48

Instrument :

MSVOA_D

ClientSampleId :

CC-A7

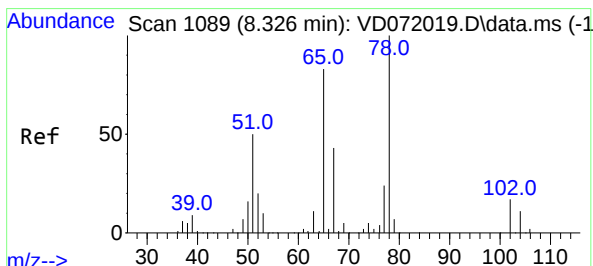
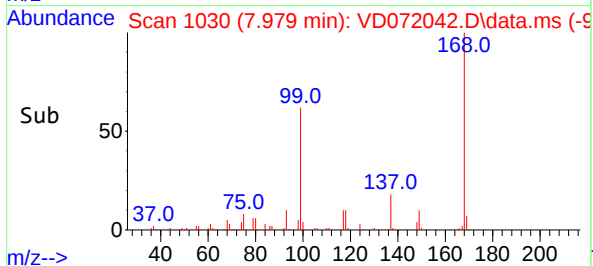
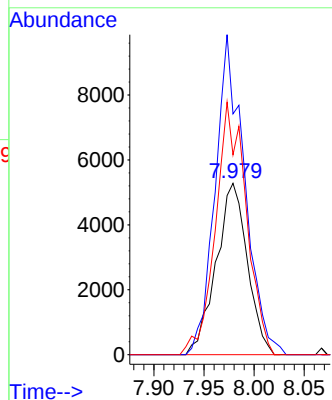
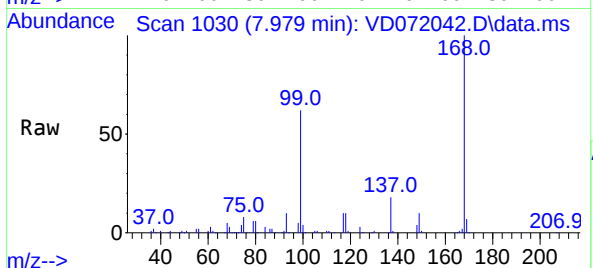
Tgt Ion: 56 Resp: 11434

Ion Ratio Lower Upper

56 100

69 140.4 28.9 43.3#

84 116.6 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 47.777 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072042.D

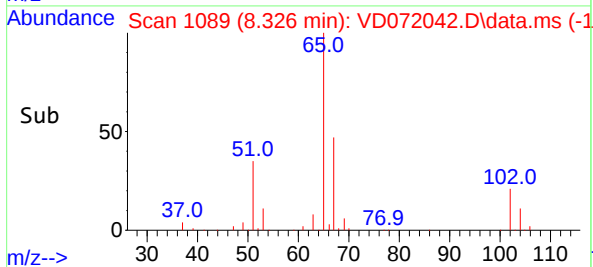
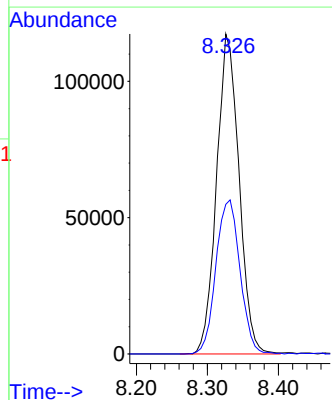
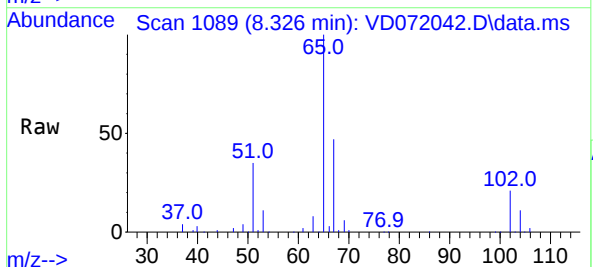
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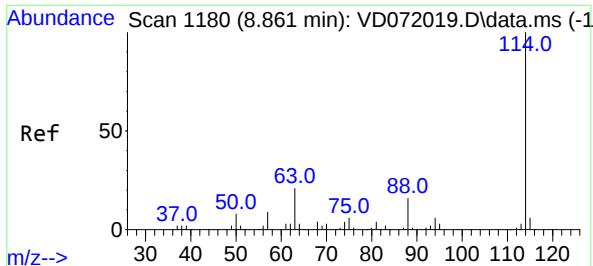
Tgt Ion: 65 Resp: 257358

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6

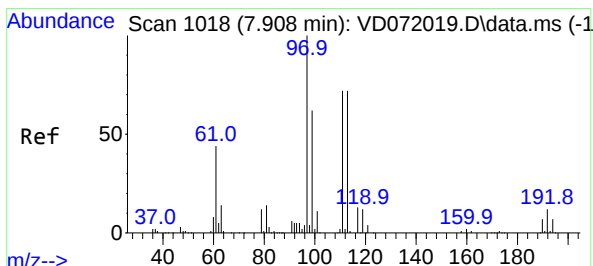
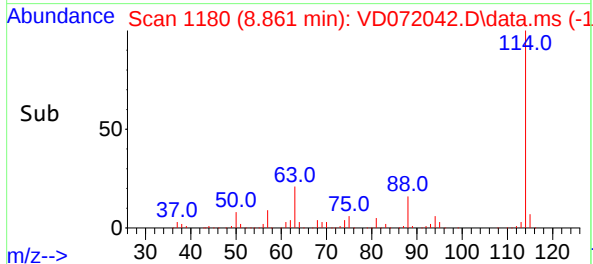
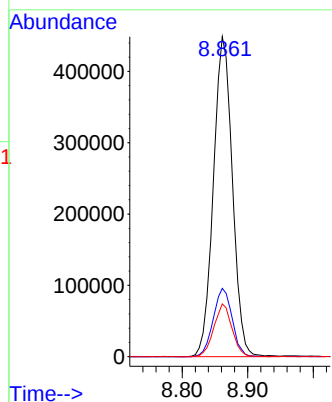
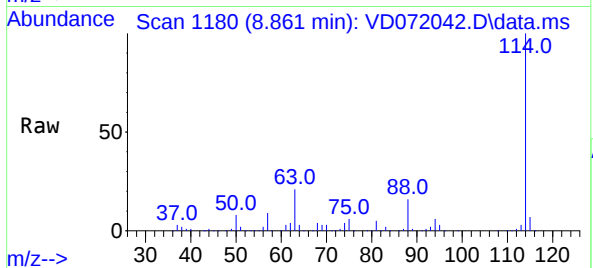




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

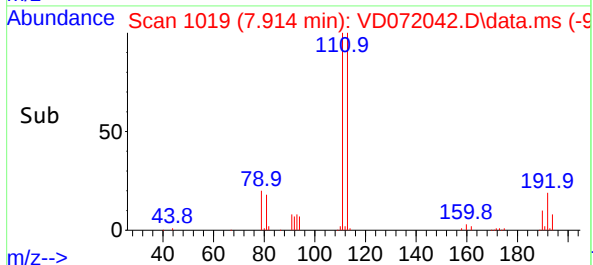
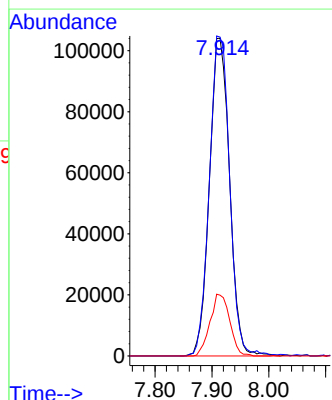
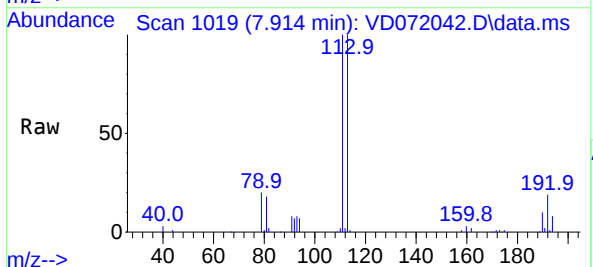
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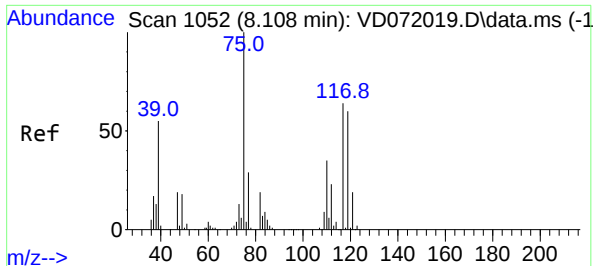
Tgt Ion:114 Resp: 901428
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.5 0.0 31.2



#35
Dibromofluoromethane
Concen: 46.809 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion:113 Resp: 255646
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 19.0 15.3 22.9

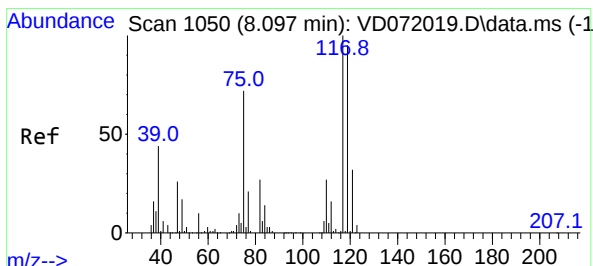
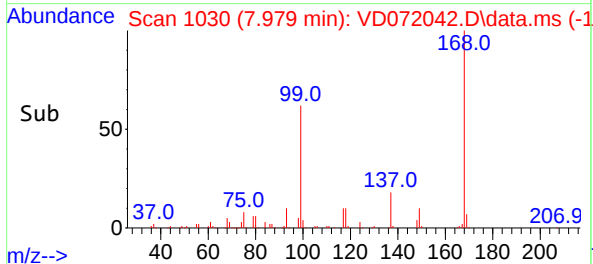
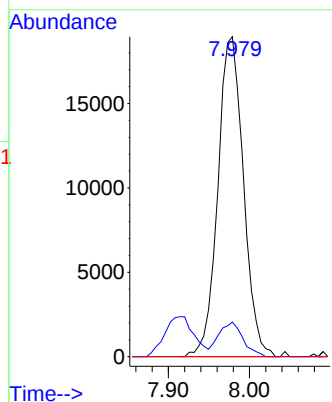
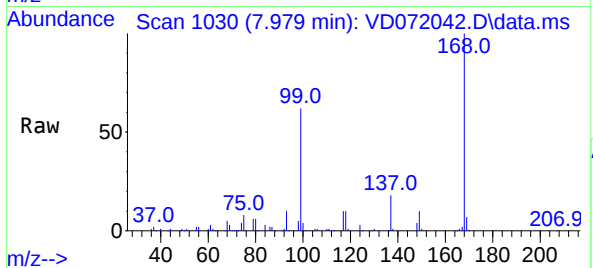




#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

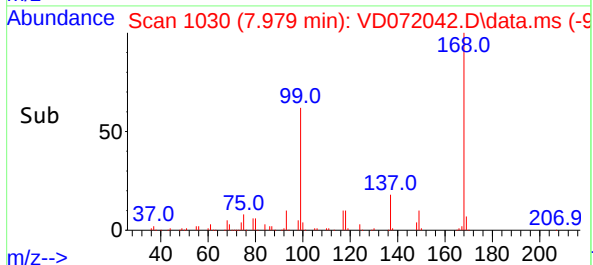
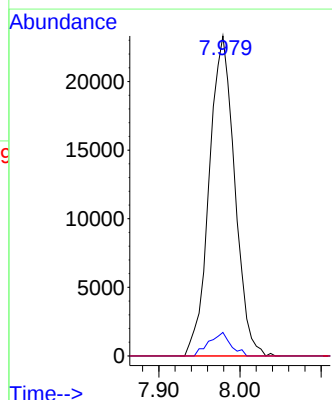
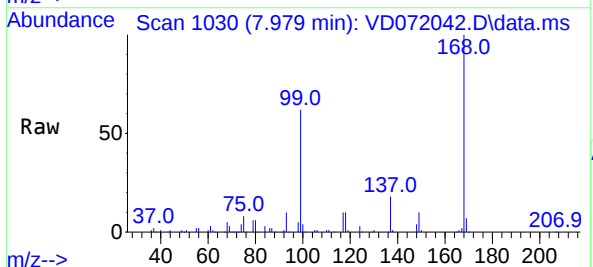
Instrument :
MSVOA_D
ClientSampleId :
CC-A7

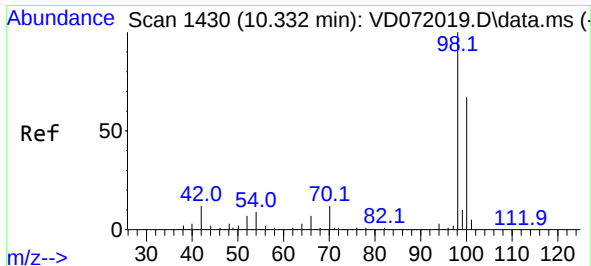
Tgt Ion: 75 Resp: 41566
Ion Ratio Lower Upper
75 100
110 10.3 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.998 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion: 117 Resp: 50855
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.8#
121 0.0 25.8 38.6#

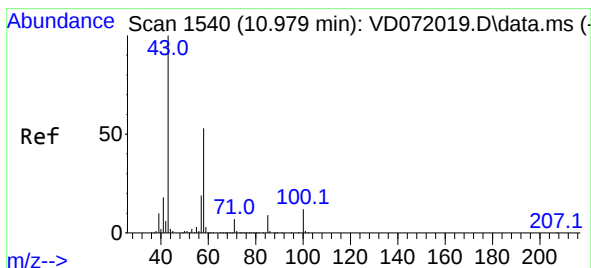
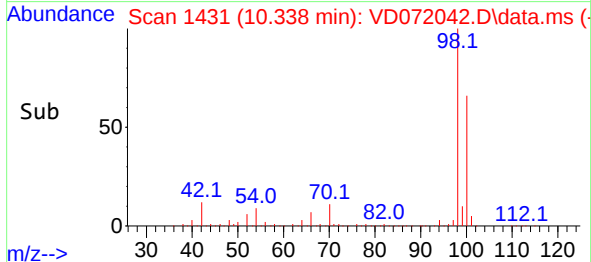
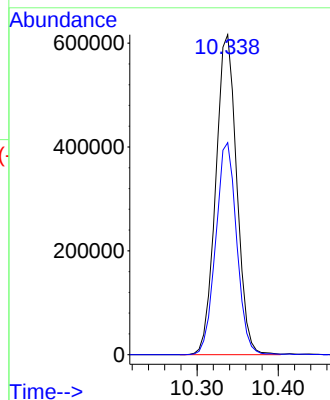
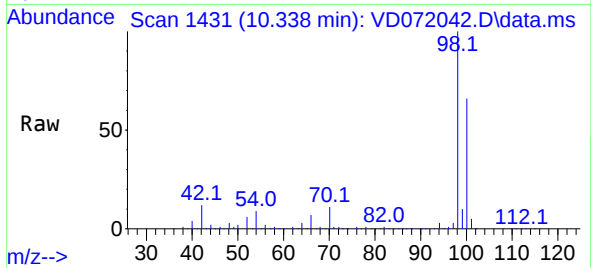




#50
Toluene-d8
Concen: 54.716 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

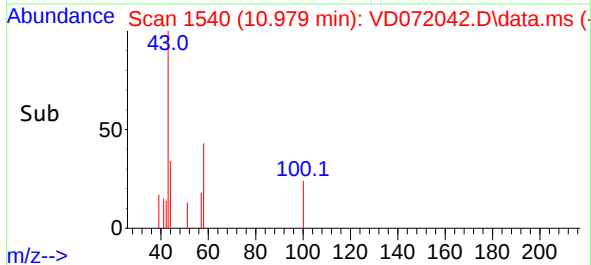
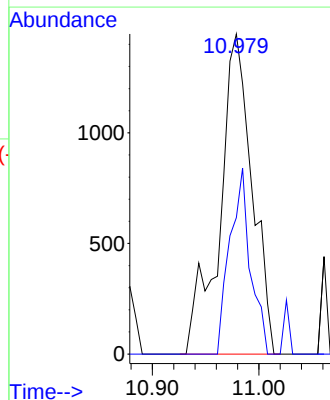
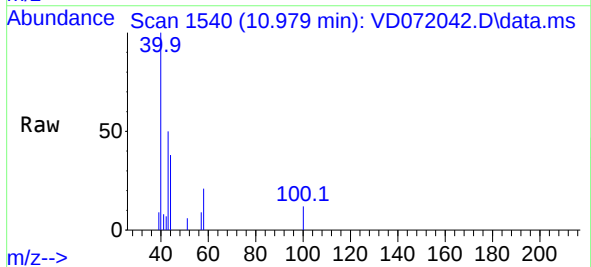
Instrument :
MSVOA_D
ClientSampleId :
CC-A7

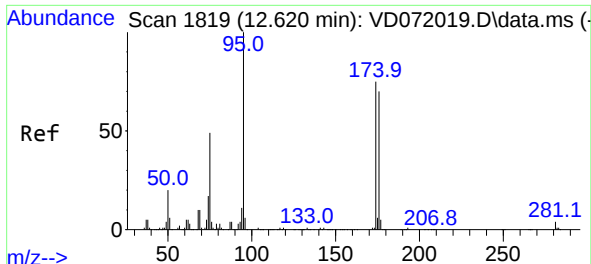
Tgt Ion: 98 Resp: 1108194
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6



#59
2-Hexanone
Concen: 1.188 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion: 43 Resp: 3067
Ion Ratio Lower Upper
43 100
58 36.7 27.0 80.8

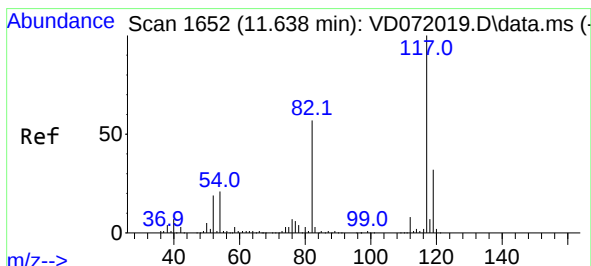
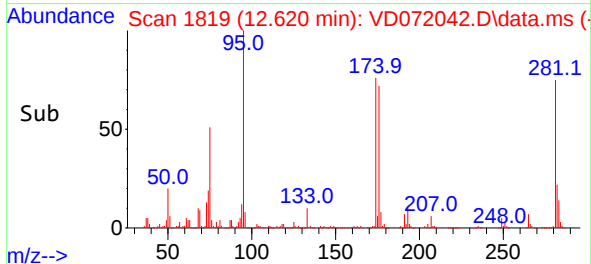
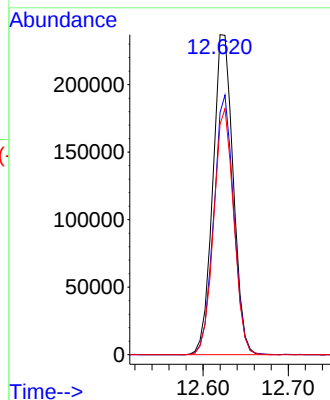
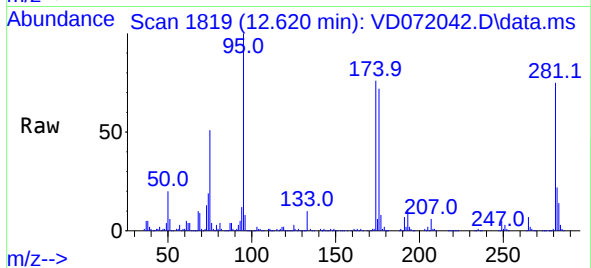




#62
4-Bromofluorobenzene
Concen: 52.996 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

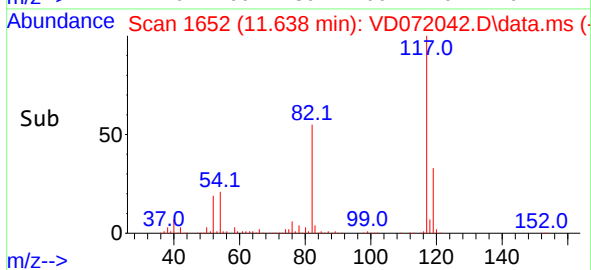
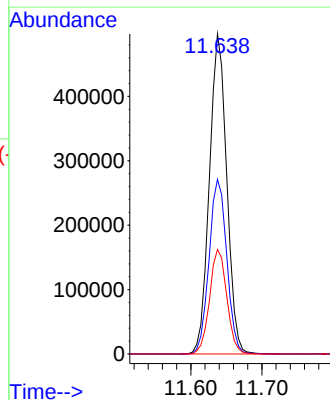
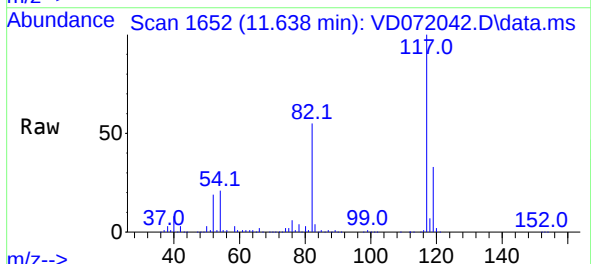
Instrument :
MSVOA_D
ClientSampleId :
CC-A7

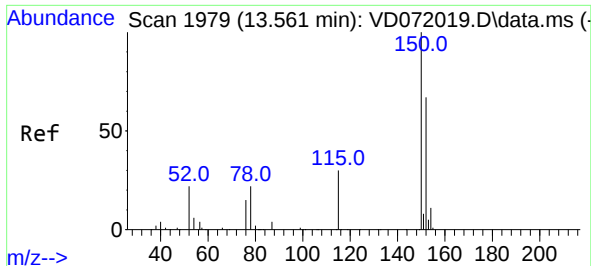
Tgt Ion: 95 Resp: 394273
Ion Ratio Lower Upper
95 100
174 79.3 0.0 155.0
176 75.6 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072042.D
Acq: 21 Feb 2022 19:48

Tgt Ion: 117 Resp: 843726
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.6 25.4 38.2

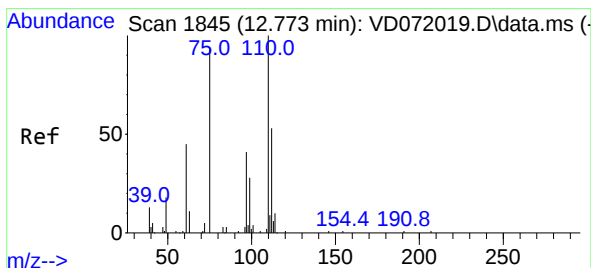
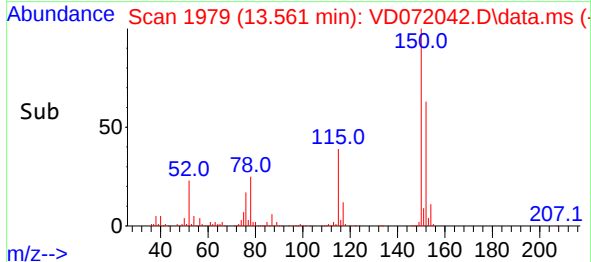
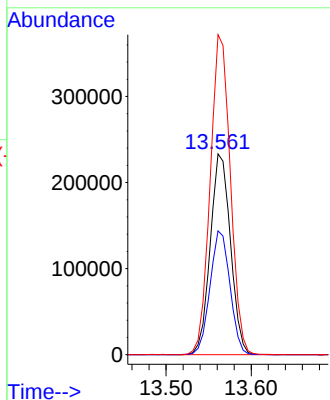
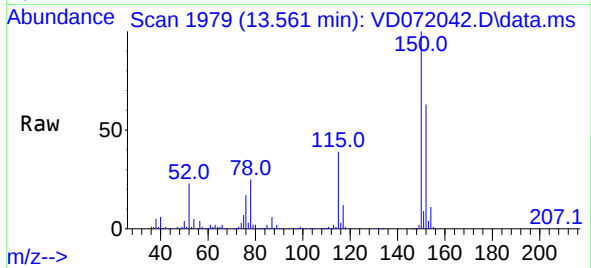




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD072042.D
 Acq: 21 Feb 2022 19:48

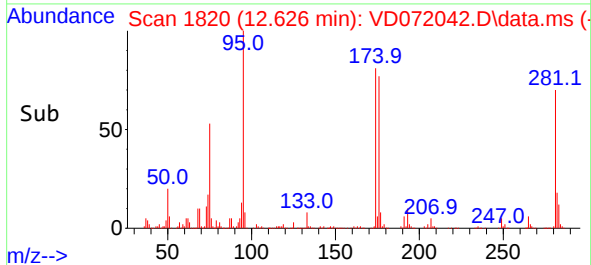
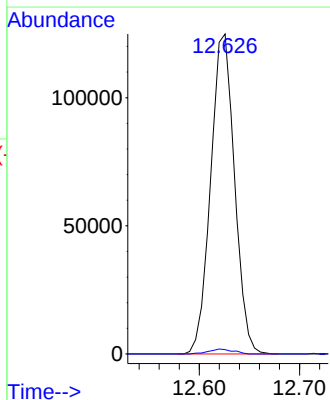
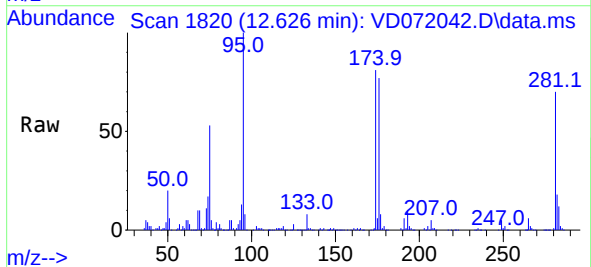
Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A7

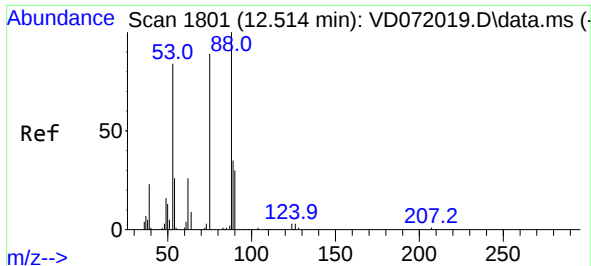
Tgt Ion:152 Resp: 384946
 Ion Ratio Lower Upper
 152 100
 115 60.8 29.9 89.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 56.727 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072042.D
 Acq: 21 Feb 2022 19:48

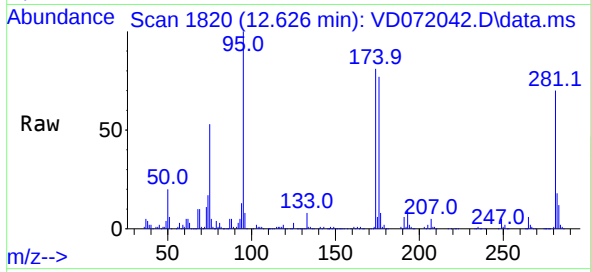
Tgt Ion: 75 Resp: 206844
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.057 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD072042.D
 Acq: 21 Feb 2022 19:48

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A7



Tgt Ion: 75 Resp: 206844
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.4#
 89 1.4 36.4 54.6#

