

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072626.D
 Acq On : 19 Apr 2022 15:50
 Operator : VA/SY
 Sample : N2442-03
 Misc : 3.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124030

Quant Time: Apr 20 05:03:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

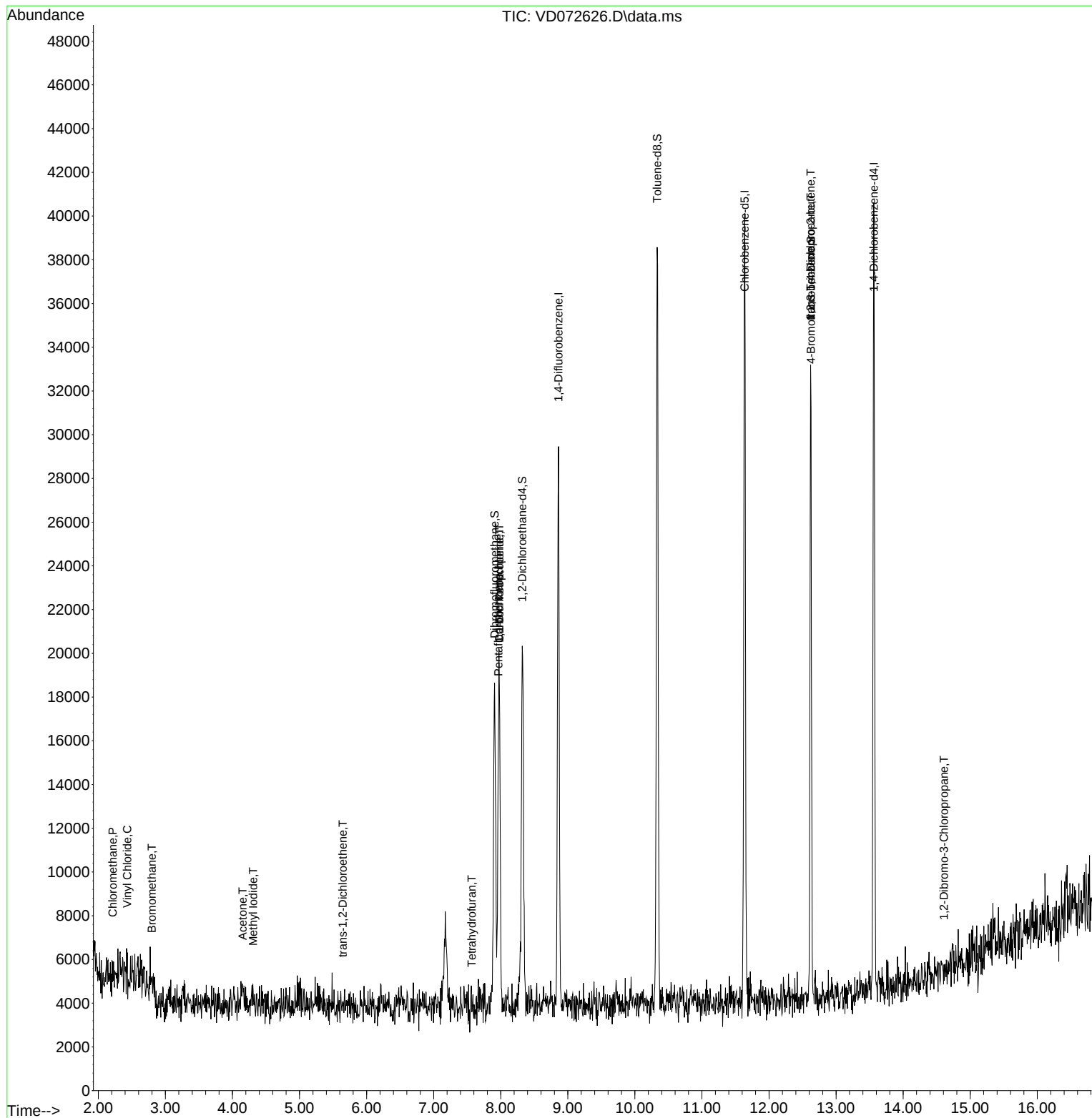
Internal Standards						
1) Pentafluorobenzene	7.967	168	12667	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	21532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	22440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	9148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	12633	82.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.880%#	
35) Dibromofluoromethane	7.909	113	9716	58.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.120%	
50) Toluene-d8	10.332	98	25410	43.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.380%	
62) 4-Bromofluorobenzene	12.626	95	9507	41.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.700%	
Target Compounds						Qvalue
3) Chloromethane	2.215	50	442	4.753	ug/l #	40
4) Vinyl Chloride	2.432	62	53	1.437	ug/l #	43
5) Bromomethane	2.797	94	1160	16.189	ug/l	81
10) Methyl Iodide	4.309	142	475	6.971	ug/l #	57
16) Acetone	4.150	43	2070	72.447	ug/l #	47
21) trans-1,2-Dichloroethene	5.644	96	58	1.165	ug/l #	1
29) Tetrahydrofuran	7.567	42	58	2.431	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	1216	6.683	ug/l #	47
38) Carbon Tetrachloride	7.979	117	669	2.902	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	4718	47.287	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	4718	116.033	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.608	75	62	2.996	ug/l #	6

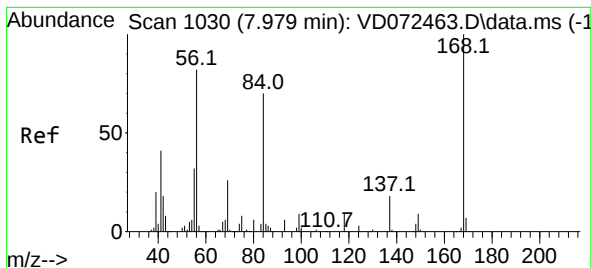
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1030

Delta R.T. -0.012 min

Lab File: VD072626.D

Acq: 19 Apr 2022 15:50

Instrument :

MSVOA_D

ClientSampleId :

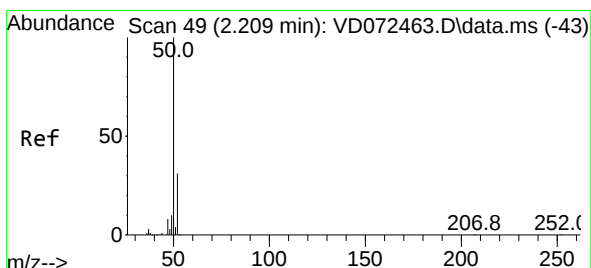
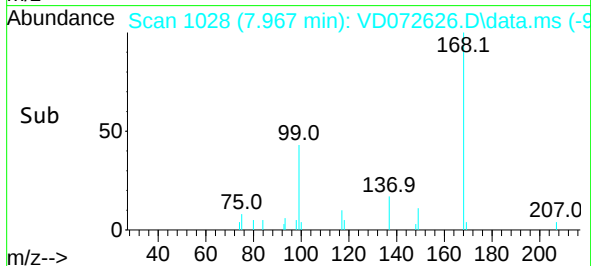
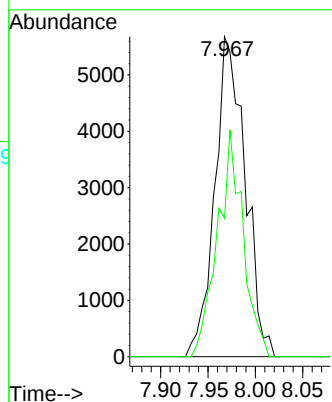
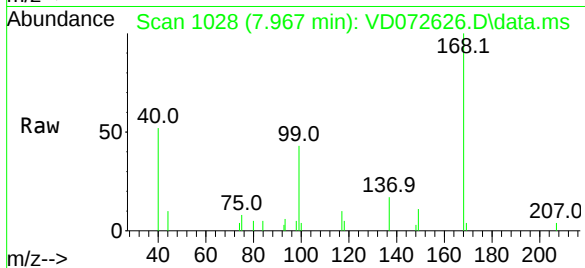
124030

Tgt Ion:168 Resp: 12667

Ion Ratio Lower Upper

168 100

99 43.2 49.8 74.6#



#3

Chloromethane

Concen: 4.753 ug/l

RT: 2.215 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD072626.D

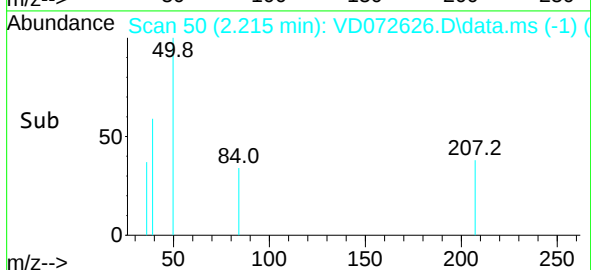
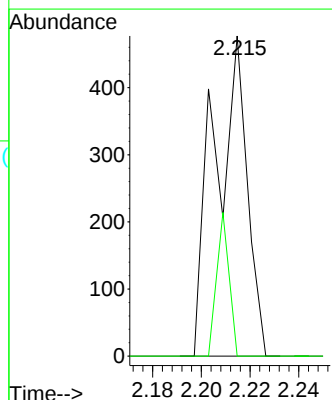
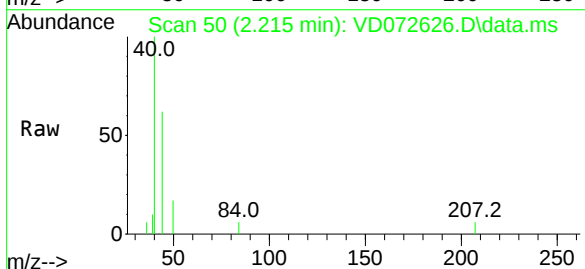
Acq: 19 Apr 2022 15:50

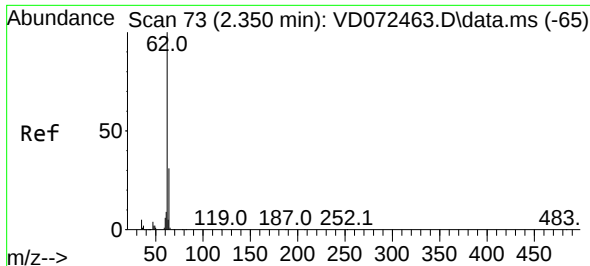
Tgt Ion: 50 Resp: 442

Ion Ratio Lower Upper

50 100

52 0.0 27.4 41.0#

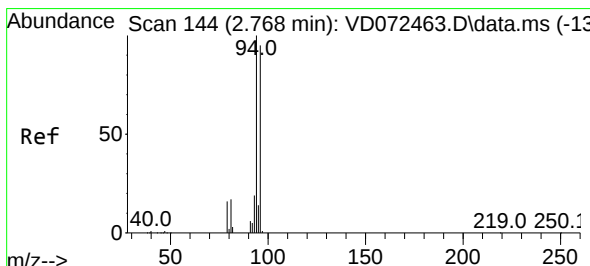
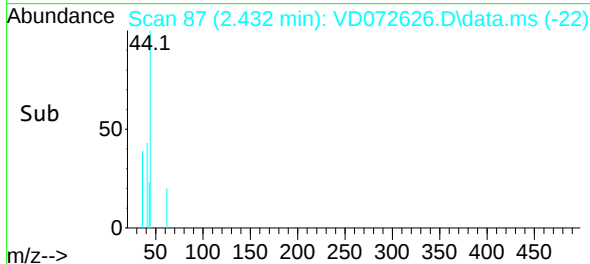
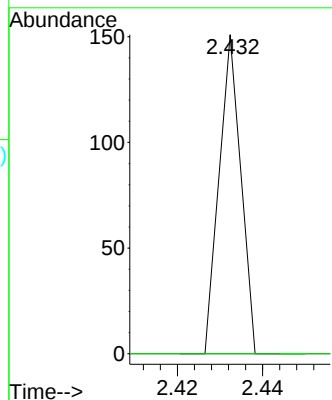
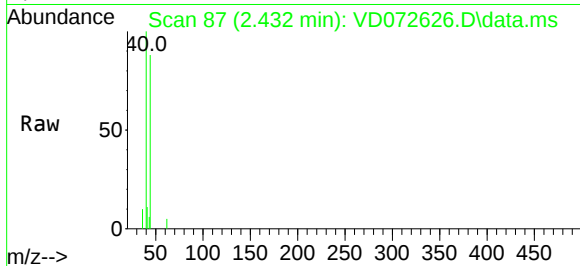




#4
 Vinyl Chloride
 Concen: 1.437 ug/l
 RT: 2.432 min Scan# 81
 Delta R.T. 0.082 min
 Lab File: VD072626.D
 Acq: 19 Apr 2022 15:50

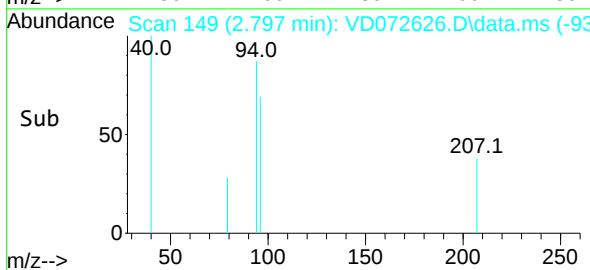
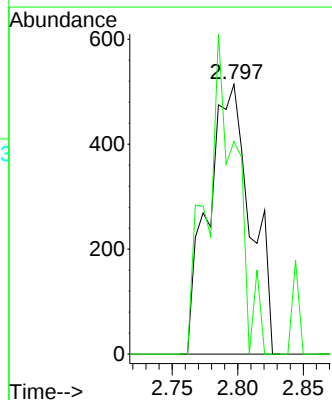
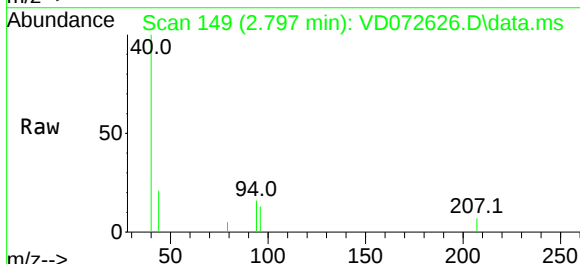
Instrument :
 MSVOA_D
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 124030

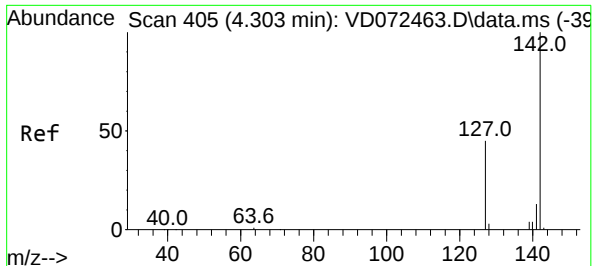
Tgt Ion: 62 Resp: 53
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 16.189 ug/l
 RT: 2.797 min Scan# 149
 Delta R.T. 0.030 min
 Lab File: VD072626.D
 Acq: 19 Apr 2022 15:50

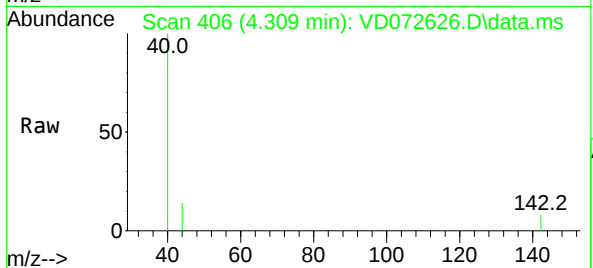
Tgt Ion: 94 Resp: 1160
 Ion Ratio Lower Upper
 94 100
 96 78.8 77.6 116.4



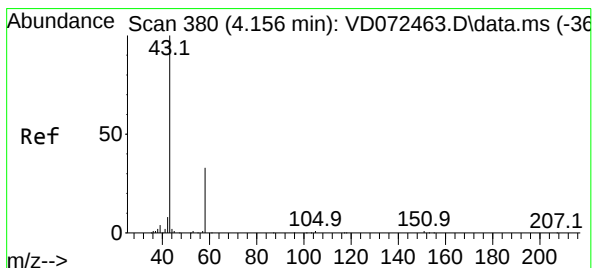
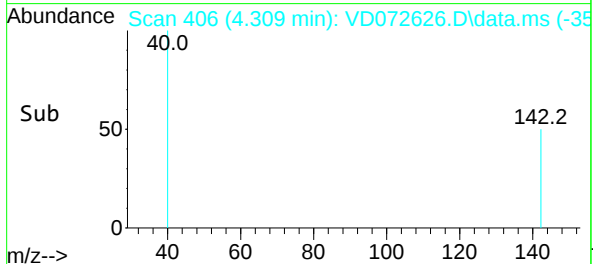
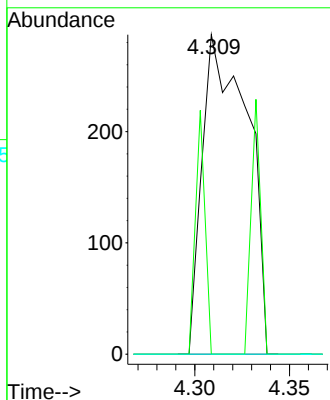


#10
Methyl Iodide
Concen: 6.971 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

Instrument :
MSVOA_D
ClientSampleId :
124030

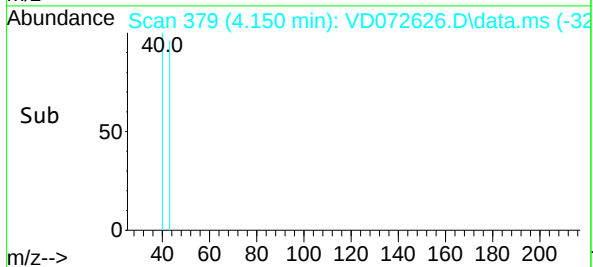
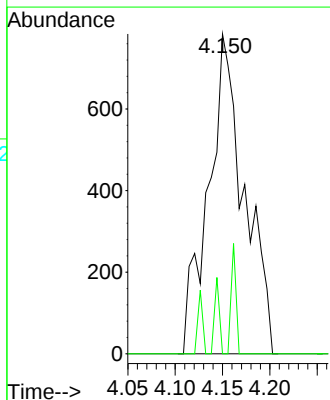
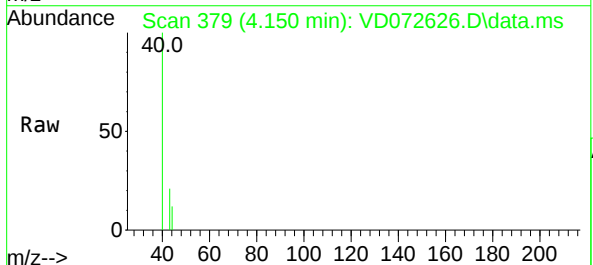


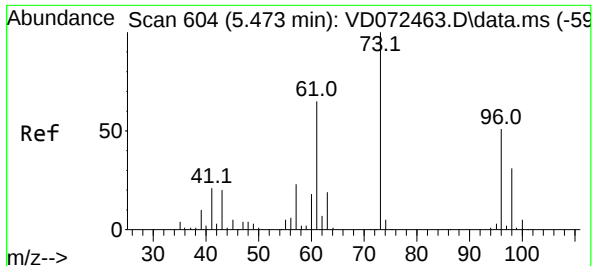
Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
127 16.2 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 72.447 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

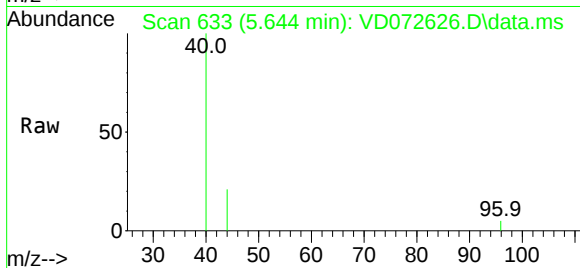
Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



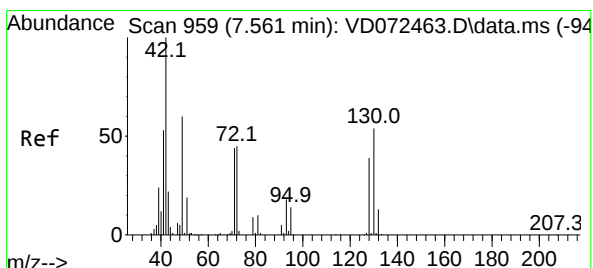
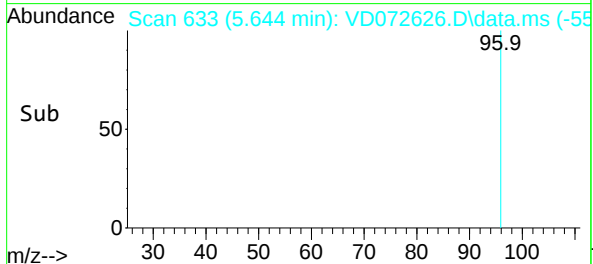
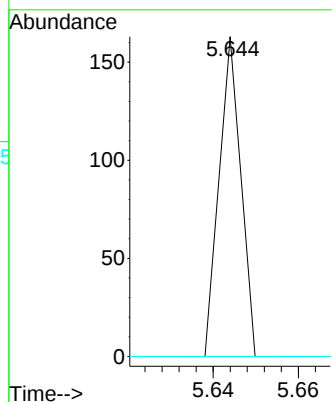


#21
trans-1,2-Dichloroethene
Concen: 1.165 ug/l
RT: 5.644 min Scan# 61
Delta R.T. 0.171 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

Instrument :
MSVOA_D
ClientSampleId :
124030

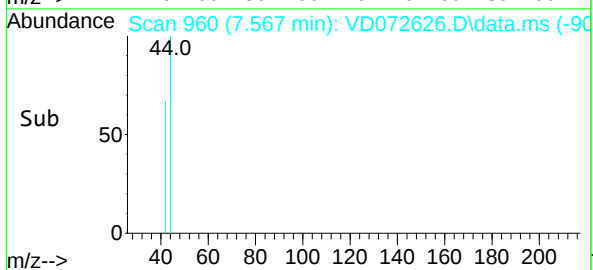
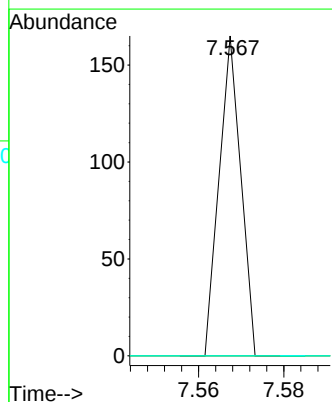
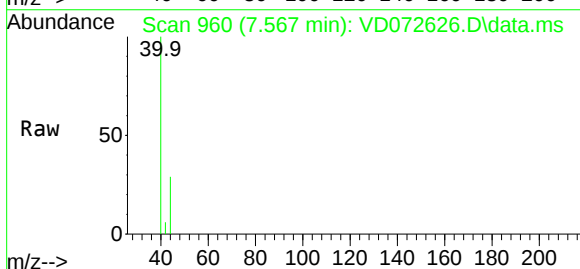


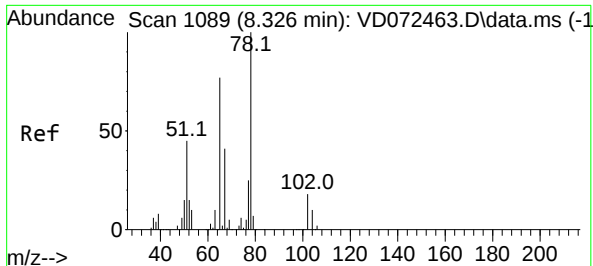
Tgt Ion: 96 Resp: 58
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#



#29
Tetrahydrofuran
Concen: 2.431 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

Tgt Ion: 42 Resp: 58
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#





#33

1,2-Dichloroethane-d4

Concen: 82.444 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD072626.D

Acq: 19 Apr 2022 15:50

Instrument :

MSVOA_D

ClientSampleId :

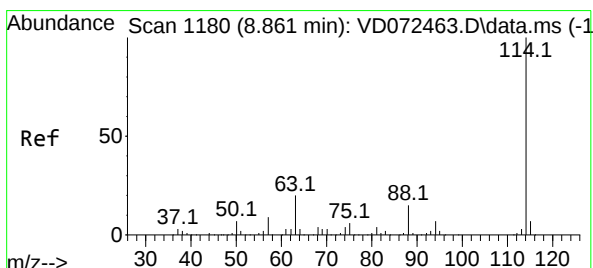
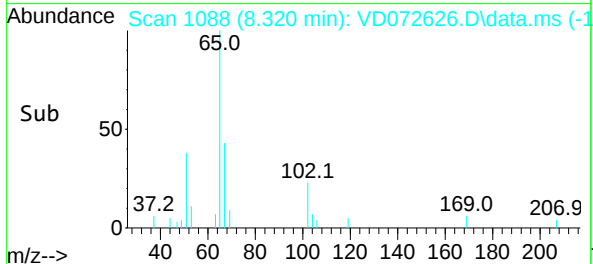
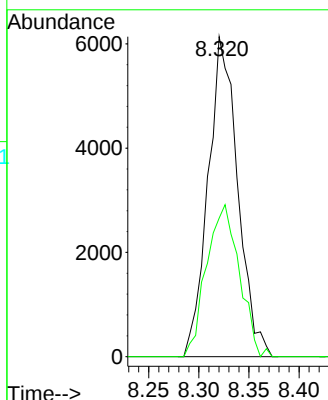
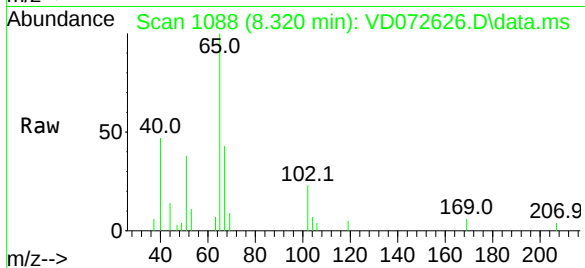
124030

Tgt Ion: 65 Resp: 12633

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072626.D

Acq: 19 Apr 2022 15:50

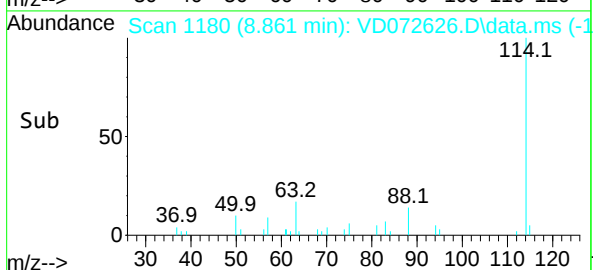
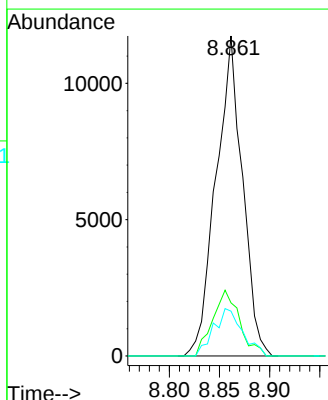
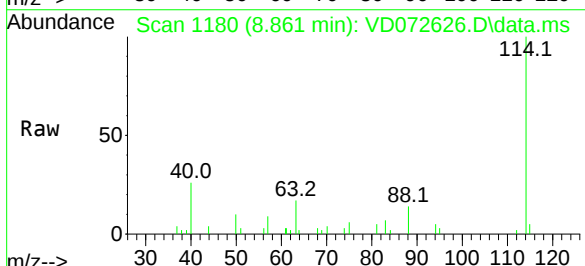
Tgt Ion: 114 Resp: 21532

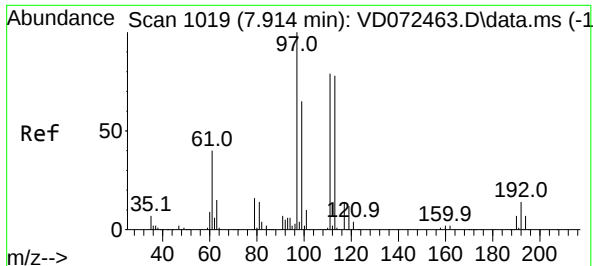
Ion Ratio Lower Upper

114 100

63 16.6 0.0 46.6

88 14.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 58.063 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072626.D

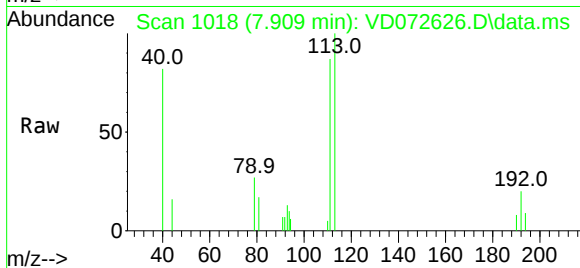
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Instrument :

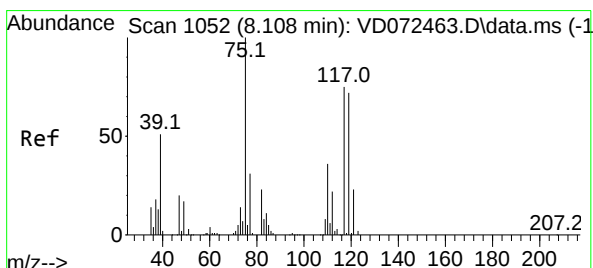
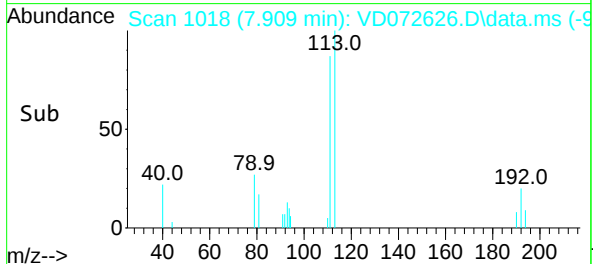
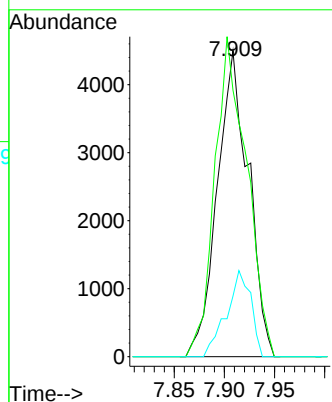
MSVOA_D

ClientSampleId :

124030



Tgt Ion:	113	Resp:	9716
Ion	Ratio	Lower	Upper
113	100		
111	107.2	83.8	125.6
192	22.0	14.6	21.8#



#36

1,1-Dichloropropene

Concen: 6.683 ug/l

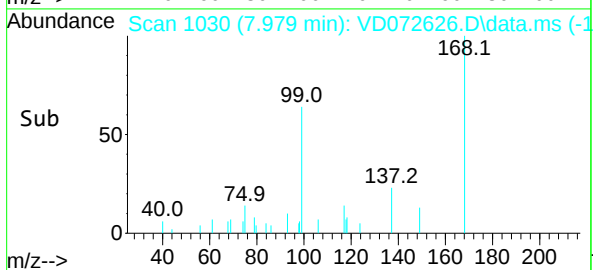
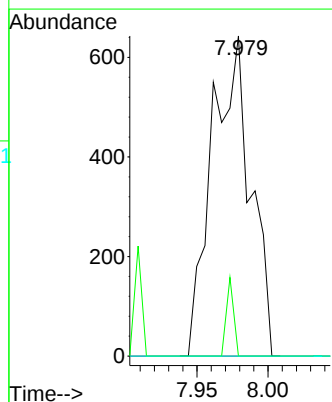
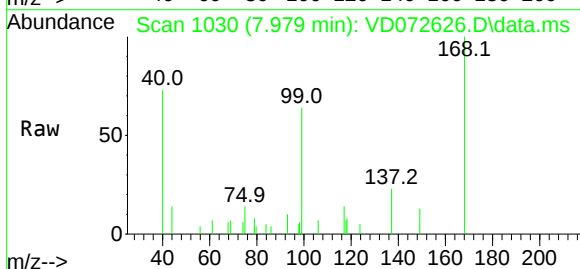
RT: 7.979 min Scan# 1030

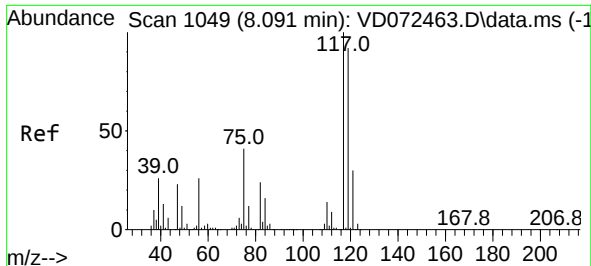
Delta R.T. -0.129 min

Lab File: VD072626.D

Acq: 19 Apr 2022 15:50

Tgt Ion:	75	Resp:	1216
Ion	Ratio	Lower	Upper
75	100		
110	4.6	16.4	49.1#
77	0.0	24.2	36.2#

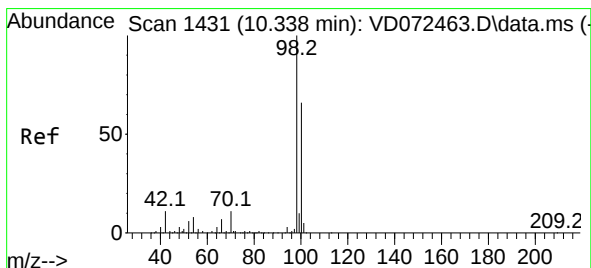
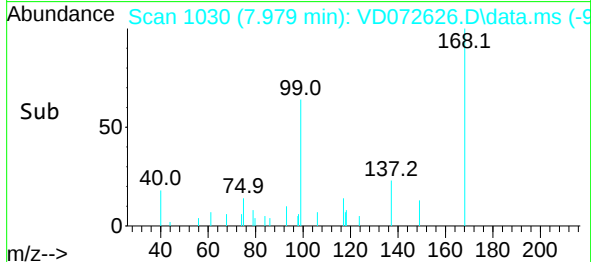
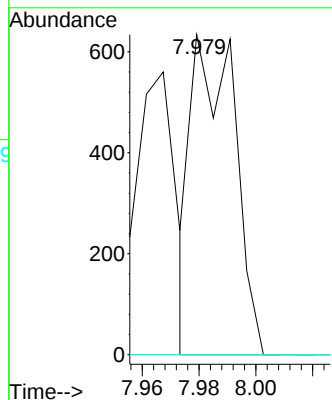
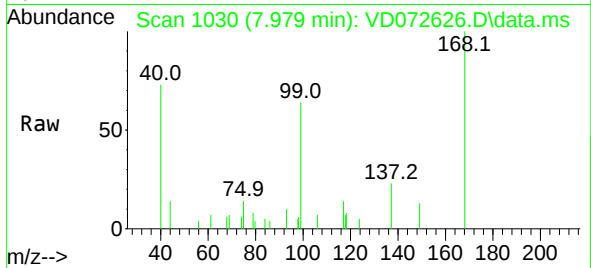




#38
Carbon Tetrachloride
Concen: 2.902 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

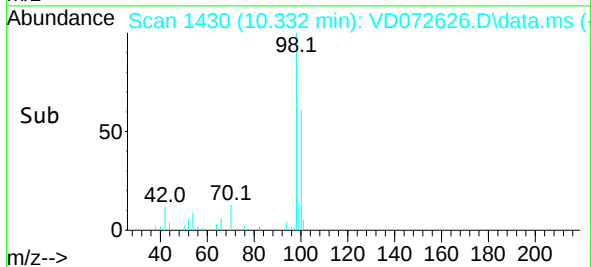
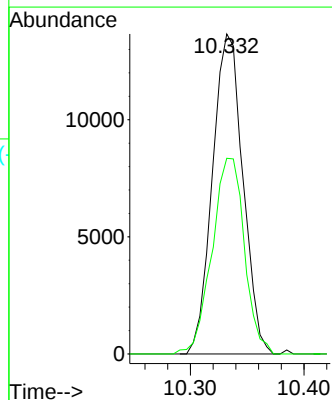
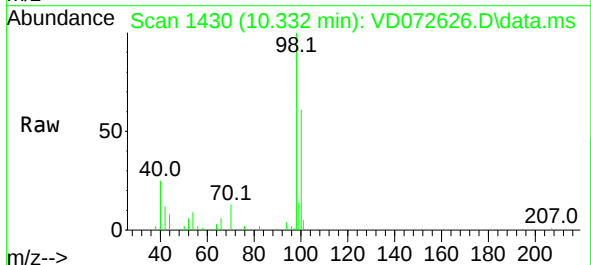
Instrument :
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124030

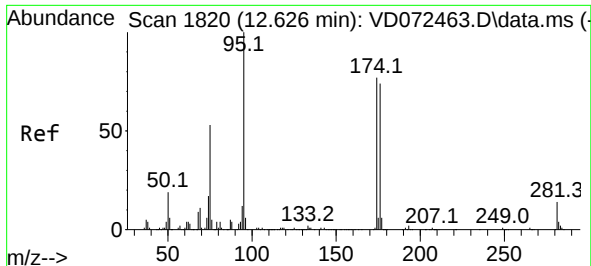
Tgt Ion:117 Resp: 669
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 43.685 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

Tgt Ion: 98 Resp: 25410
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

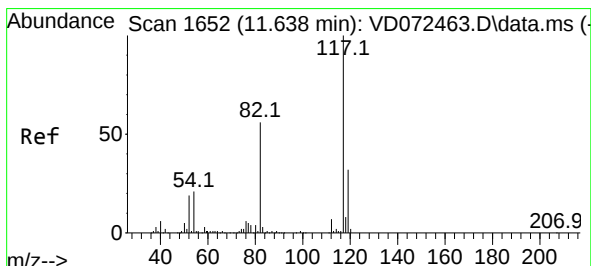
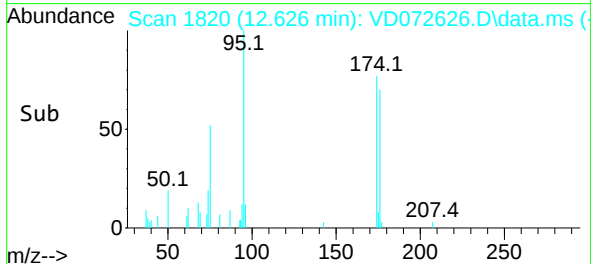
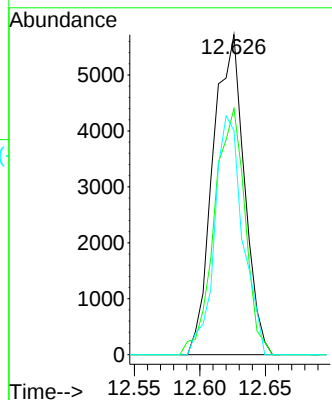
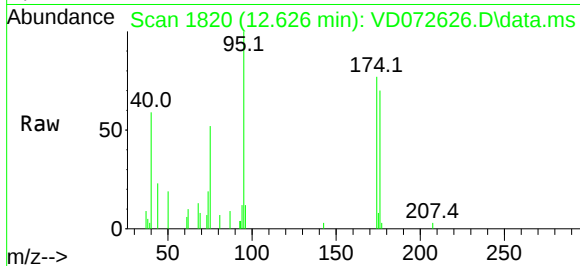




#62
4-Bromofluorobenzene
Concen: 41.851 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

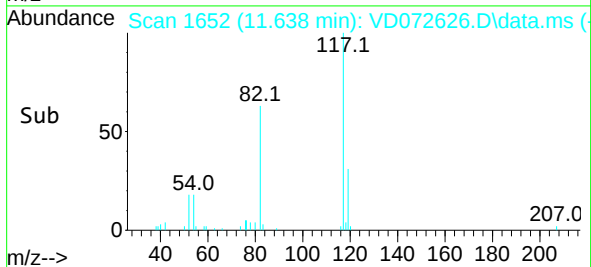
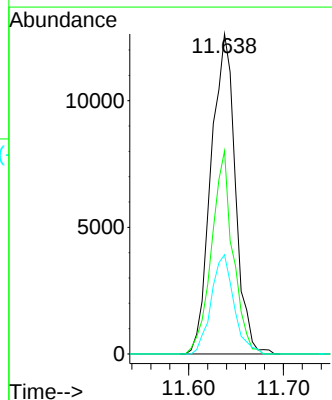
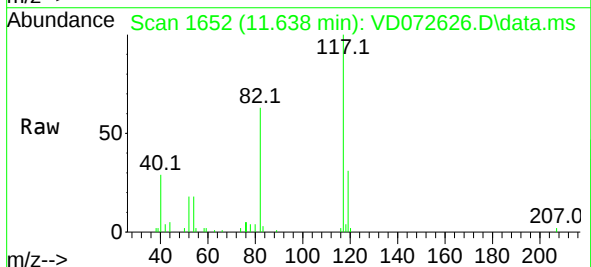
Instrument :
MSVOA_D
ClientSampleId :
124030

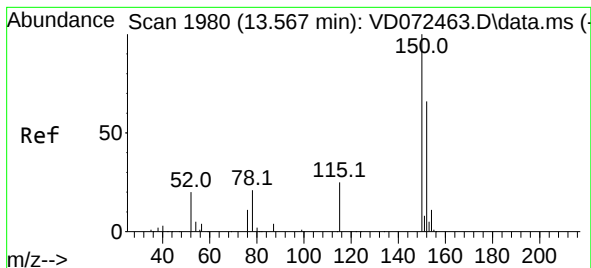
Tgt Ion: 95 Resp: 9507
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 67.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

Tgt Ion: 117 Resp: 22440
Ion Ratio Lower Upper
117 100
82 63.4 45.3 67.9
119 31.0 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1980

Delta R.T. -0.006 min

Lab File: VD072626.D

Acq: 19 Apr 2022 15:50

Instrument :

MSVOA_D

ClientSampleId :

124030

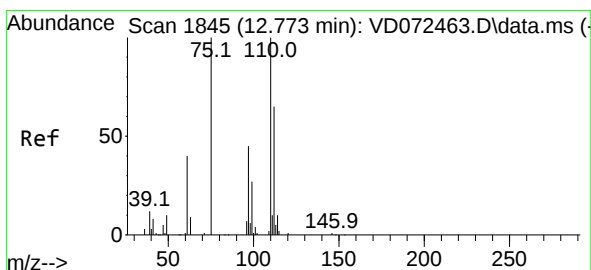
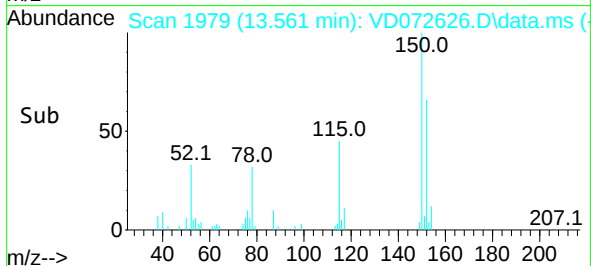
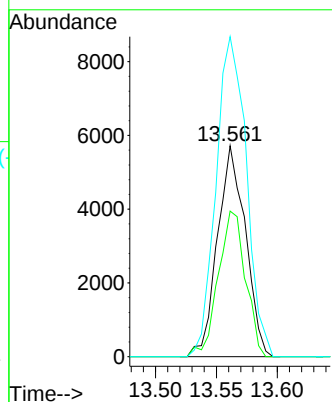
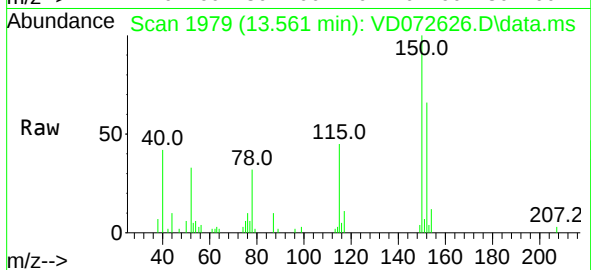
Tgt Ion:152 Resp: 9148

Ion Ratio Lower Upper

152 100

115 67.3 31.3 93.8

150 164.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 47.287 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD072626.D

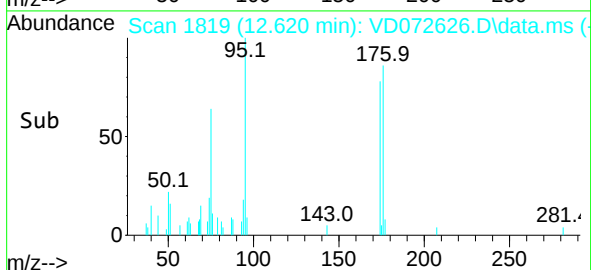
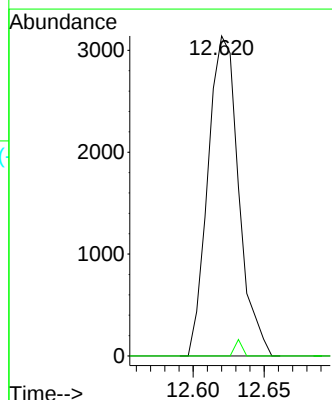
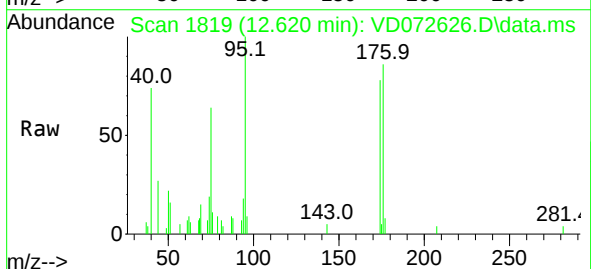
Acq: 19 Apr 2022 15:50

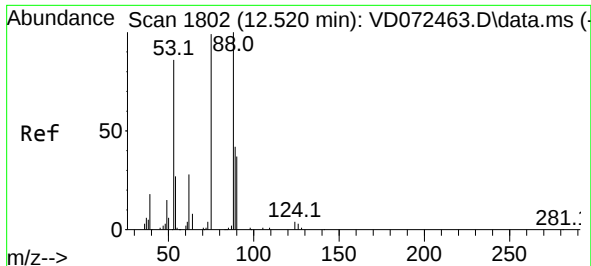
Tgt Ion: 75 Resp: 4718

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

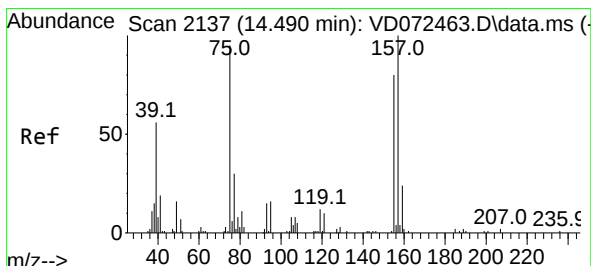
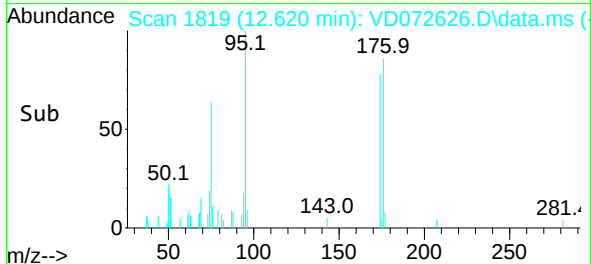
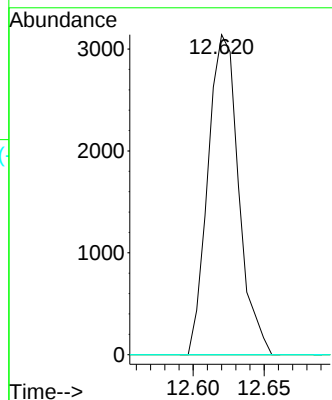
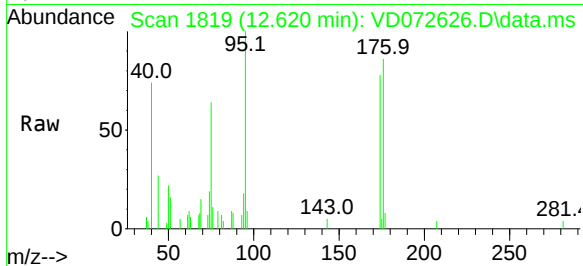




#81
trans-1,4-Dichloro-2-butene
Concen: 116.033 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

Instrument :
MSVOA_D
ClientSampleId :
124030

Tgt Ion: 75 Resp: 4718
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.996 ug/l
RT: 14.608 min Scan# 2157
Delta R.T. 0.118 min
Lab File: VD072626.D
Acq: 19 Apr 2022 15:50

Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

