

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073260.D
 Acq On : 22 May 2022 07:31
 Operator : VA/SY
 Sample : N2920-15
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS003-0006-01

Quant Time: May 23 01:13:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

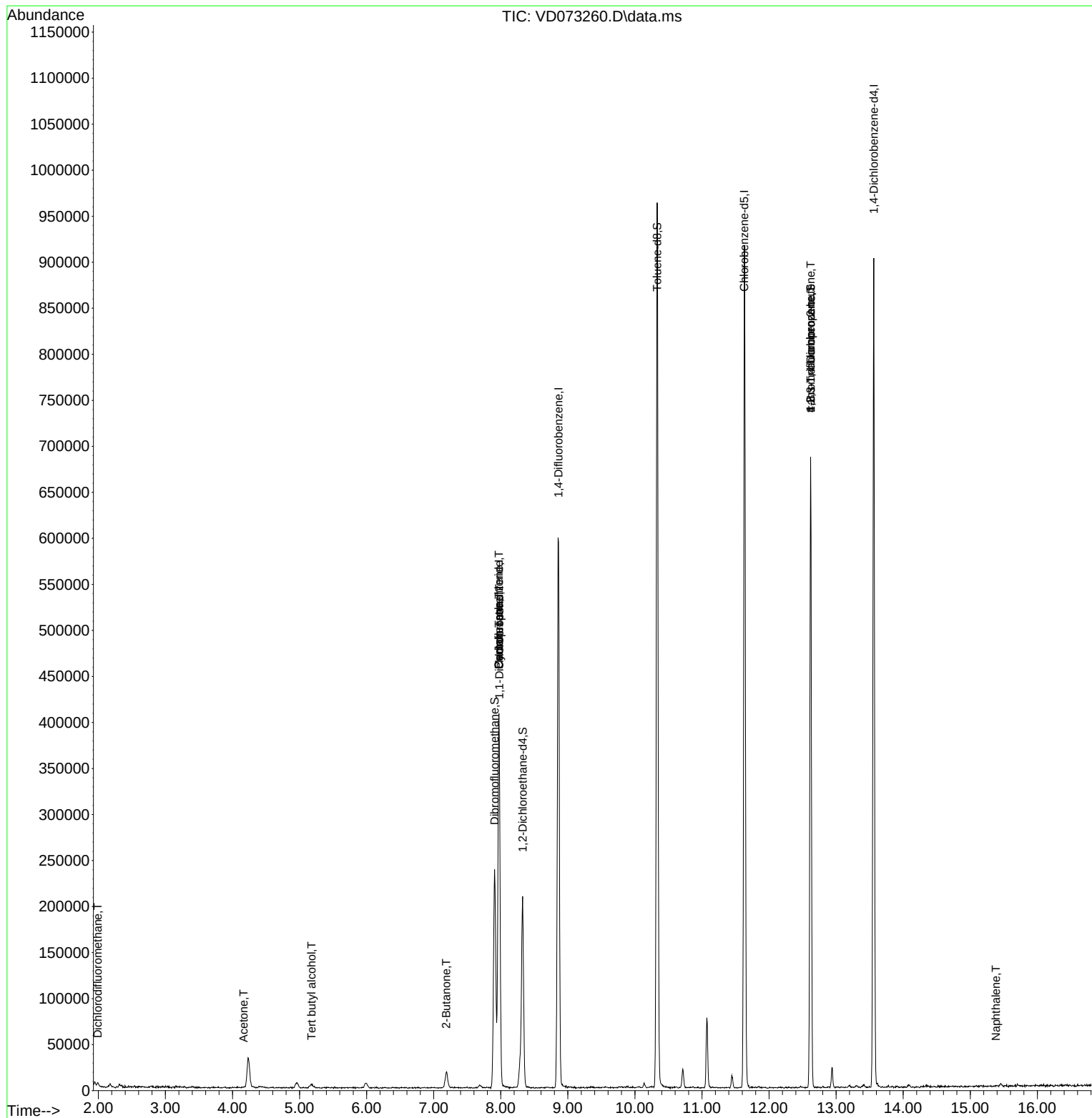
Internal Standards						
1) Pentafluorobenzene	7.973	168	290814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	520921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	537577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157191	48.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.820%		
35) Dibromofluoromethane	7.908	113	172990	50.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.660%		
50) Toluene-d8	10.332	98	640261	50.529	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.060%		
62) 4-Bromofluorobenzene	12.620	95	221123	49.726	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.460%		
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.991	85	2949	1.015	ug/l	88
5) Bromomethane	2.767	94	655	Below Cal		91
11) Tert butyl alcohol	5.179	59	3269	6.556	ug/l #	74
16) Acetone	4.167	43	1677	3.012	ug/l #	47
20) Methylene Chloride	4.967	84	4063	Below Cal	#	77
25) 2-Butanone	7.185	43	1328	1.631	ug/l #	52
31) Cyclohexane	7.973	56	6658	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	24468	4.733	ug/l #	51
38) Carbon Tetrachloride	7.973	117	31492	6.009	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	109652	48.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	109652	117.396	ug/l #	7
95) Naphthalene	15.384	128	54	3.548	ug/l #	70

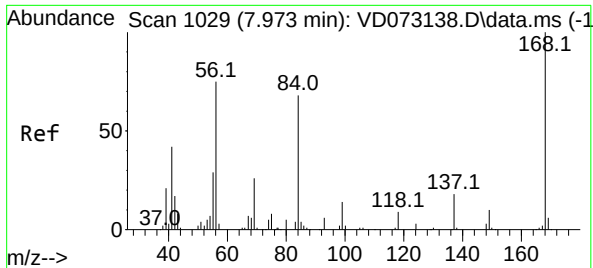
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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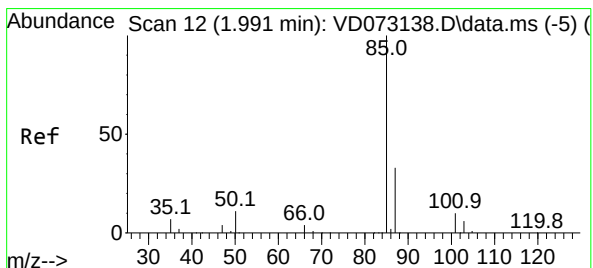
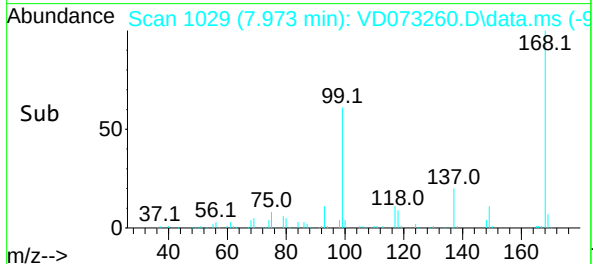
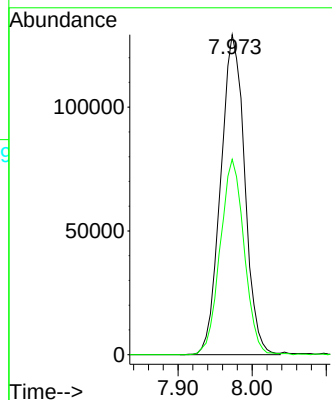
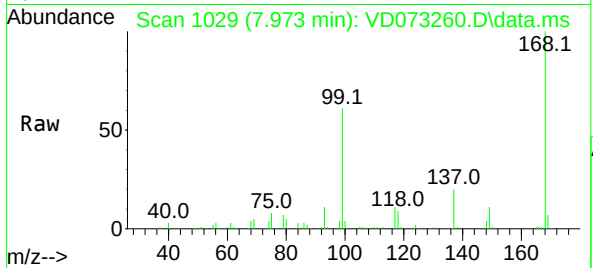




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

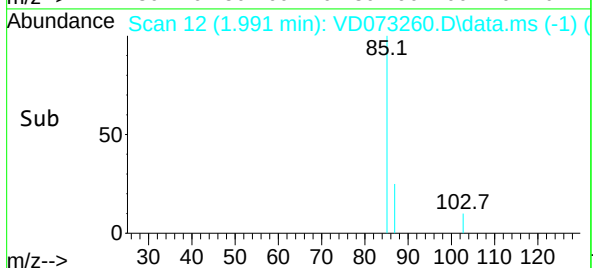
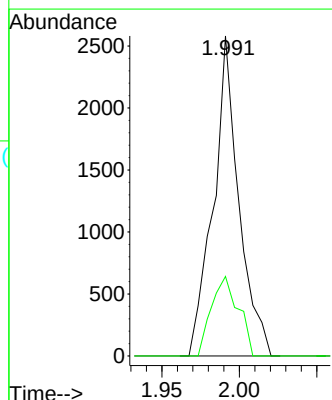
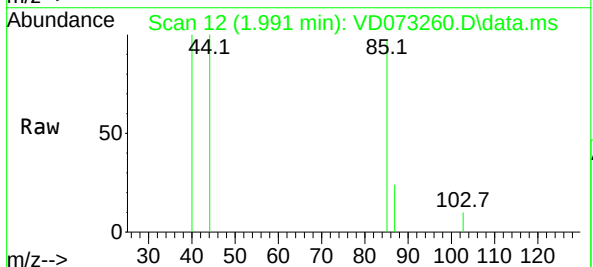
Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

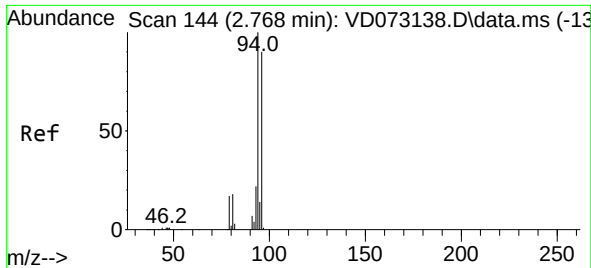
Tgt Ion:168 Resp: 290814
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.015 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 85 Resp: 2949
Ion Ratio Lower Upper
85 100
87 24.9 15.7 47.0

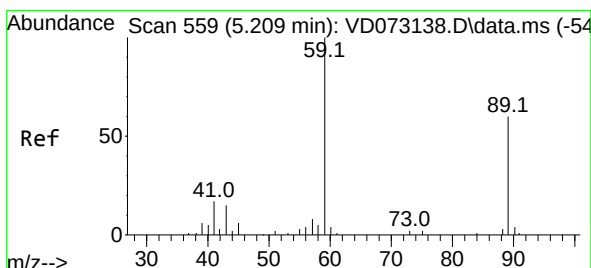
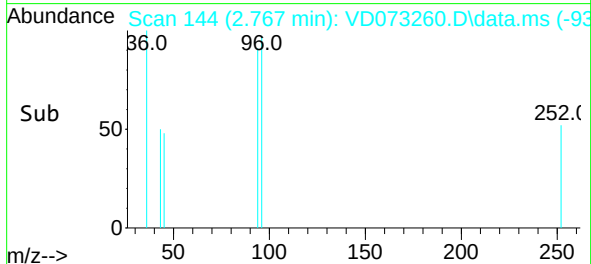
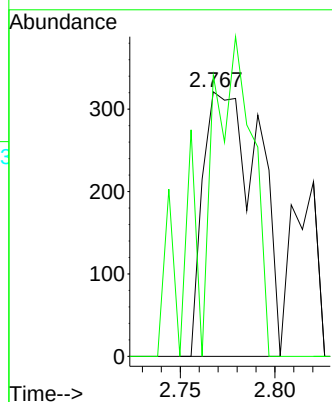
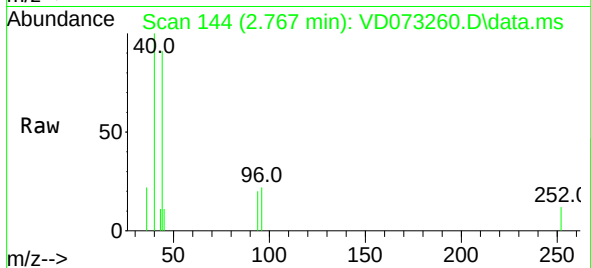




#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

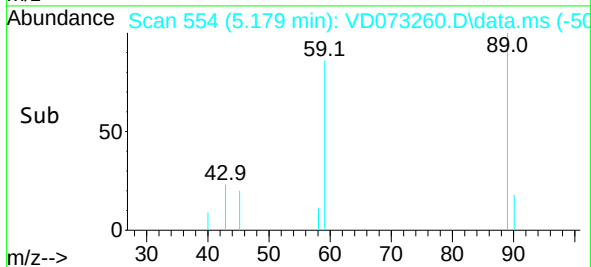
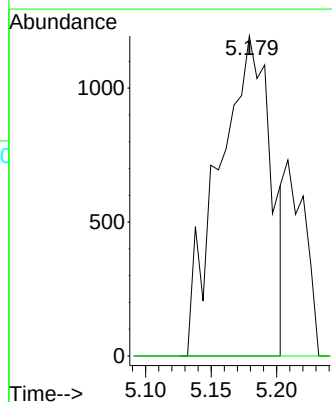
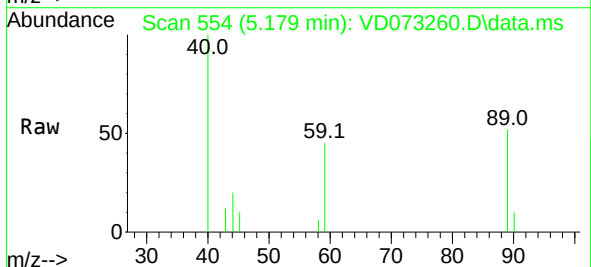
Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

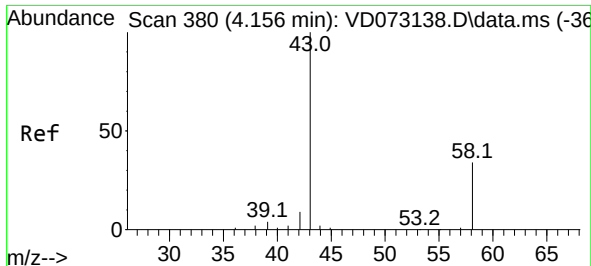
Tgt Ion: 94 Resp: 655
Ion Ratio Lower Upper
94 100
96 106.2 77.6 116.4



#11
Tert butyl alcohol
Concen: 6.556 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.030 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 59 Resp: 3269
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 3.012 ug/l

RT: 4.167 min Scan# 31

Delta R.T. 0.011 min

Lab File: VD073260.D

Acq: 22 May 2022 07:31

Instrument :

MSVOA_D

ClientSampleId :

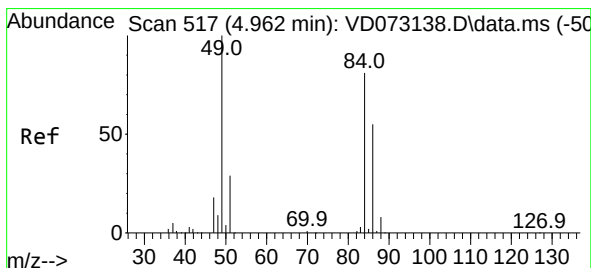
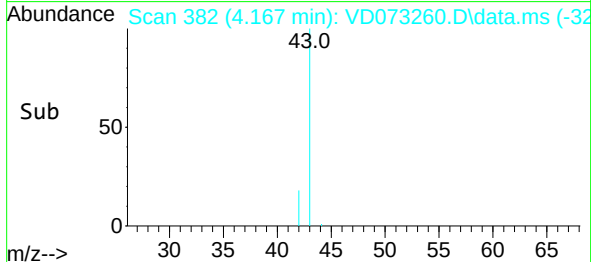
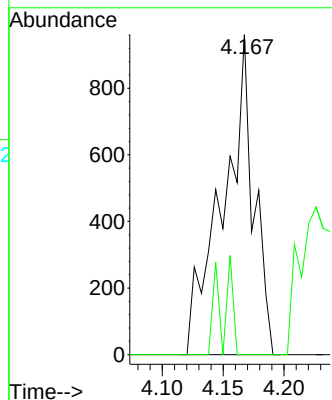
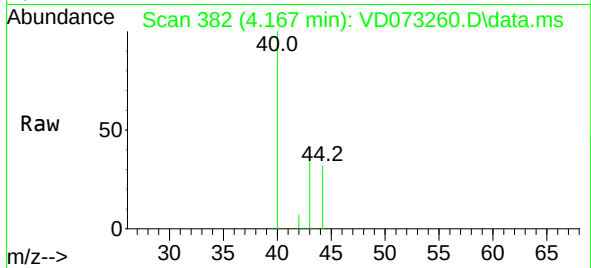
P024-SS003-0006-01

Tgt Ion: 43 Resp: 1677

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. 0.005 min

Lab File: VD073260.D

Acq: 22 May 2022 07:31

Tgt Ion: 84 Resp: 4063

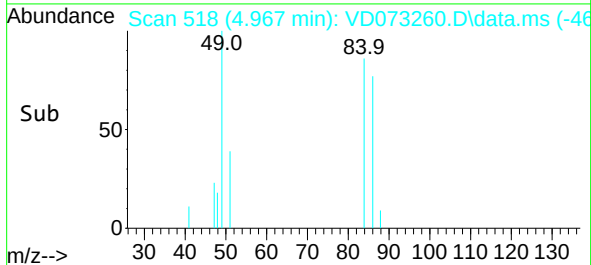
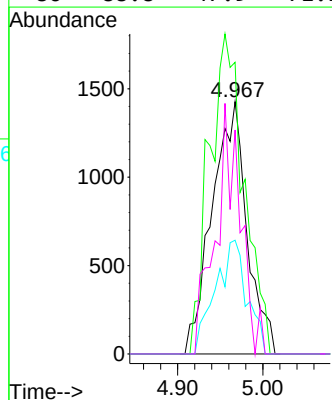
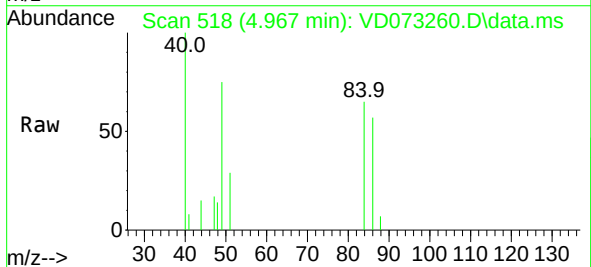
Ion Ratio Lower Upper

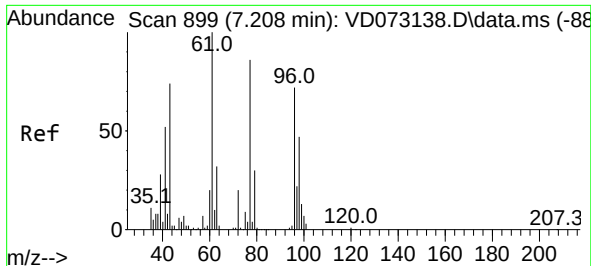
84 100

49 115.6 112.8 169.2

51 45.1 32.6 48.8

86 88.8 47.9 71.9#

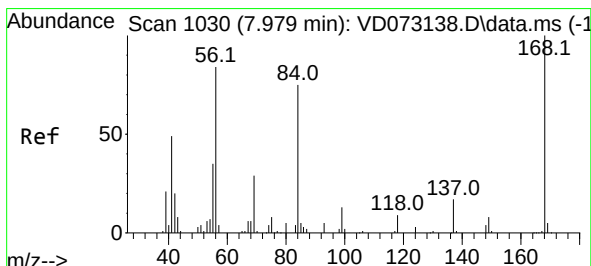
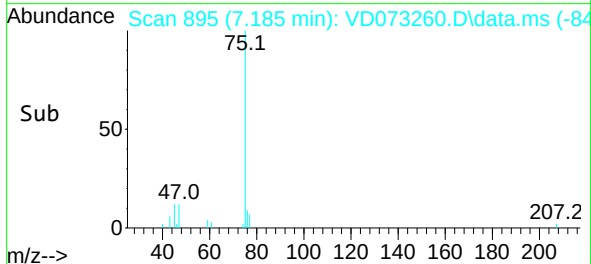
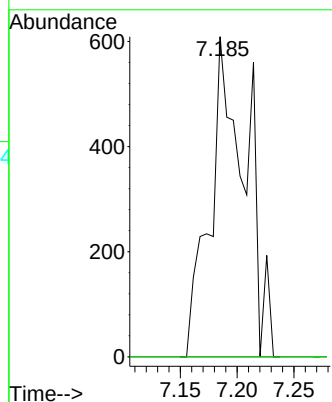
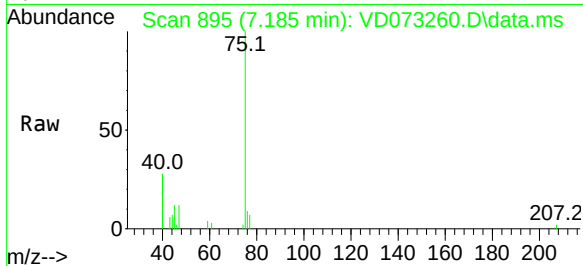




#25
2-Butanone
Concen: 1.631 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.023 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

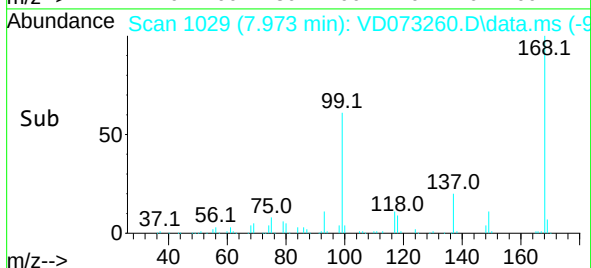
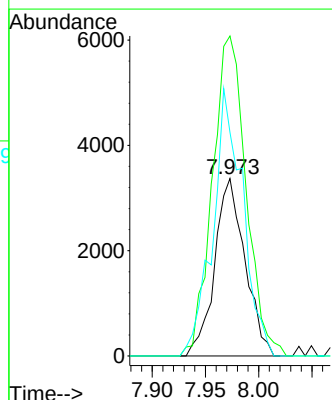
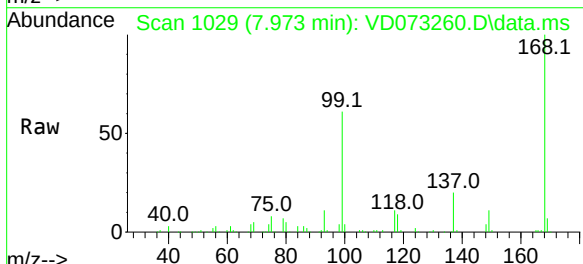
Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

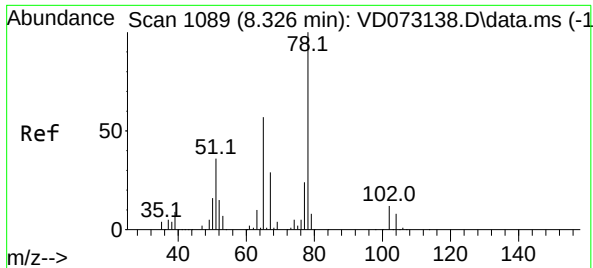
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 56 Resp: 6658
Ion Ratio Lower Upper
56 100
69 180.4 25.4 38.2#
84 126.1 63.0 94.4#

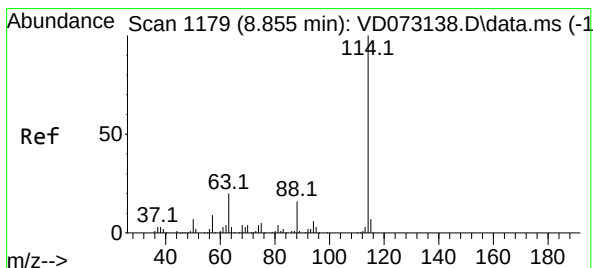
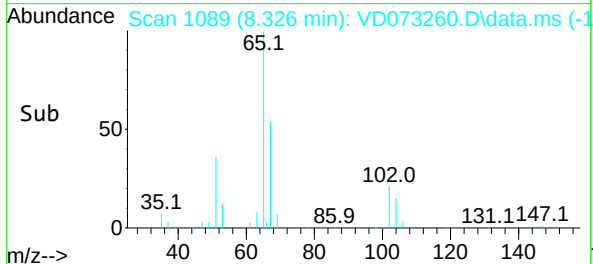
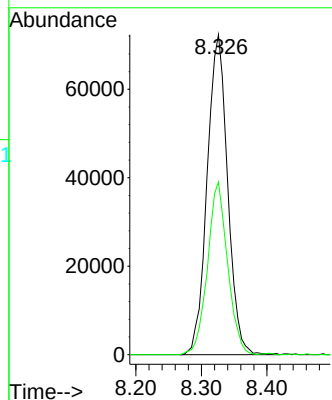
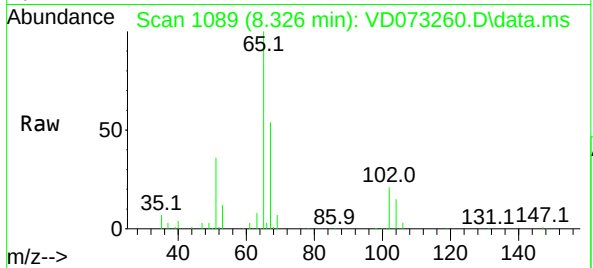




#33
1,2-Dichloroethane-d4
Concen: 48.910 ug/l
RT: 8.326 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

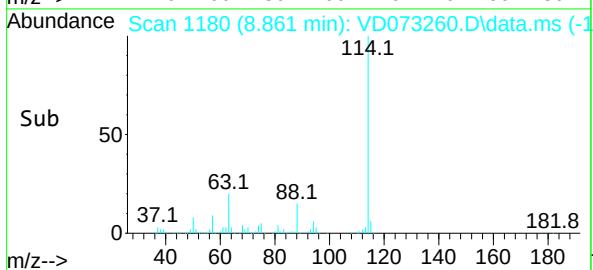
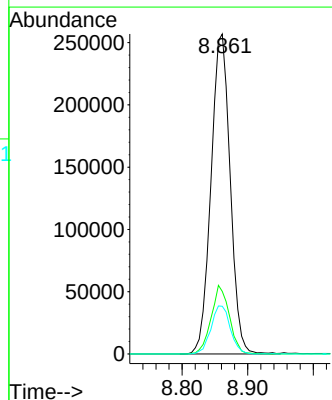
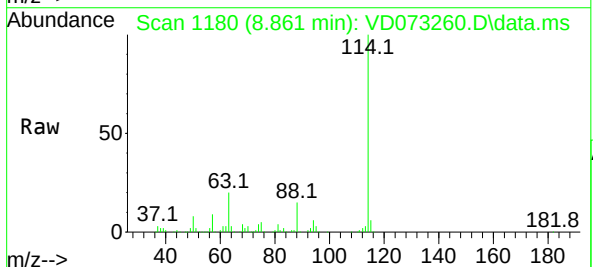
Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

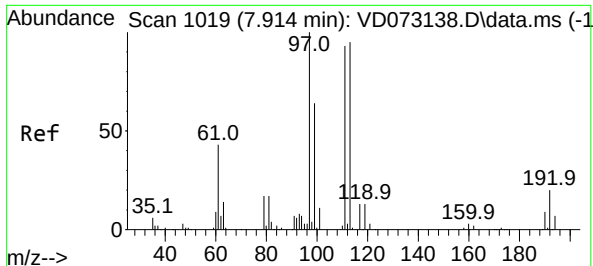
Tgt Ion: 65 Resp: 157191
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 114 Resp: 520921
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.326 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073260.D

Acq: 22 May 2022 07:31

Instrument :

MSVOA_D

ClientSampleId :

P024-SS003-0006-01

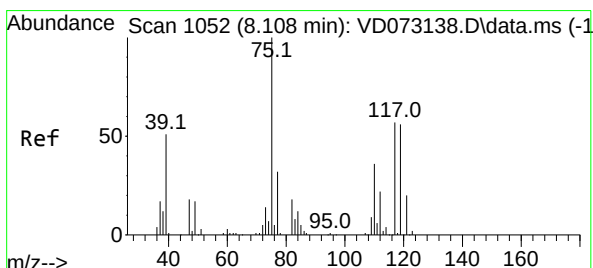
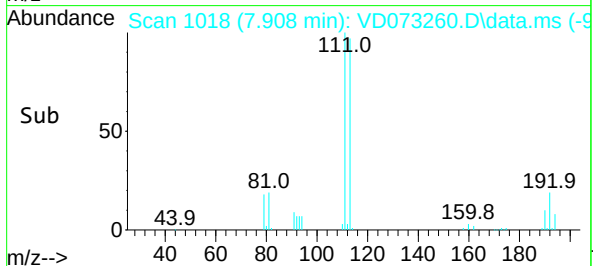
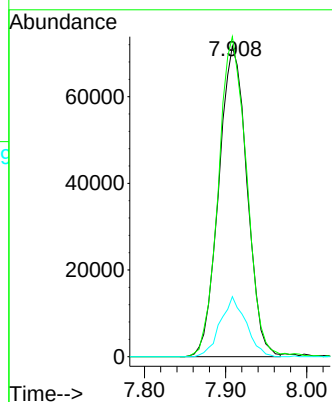
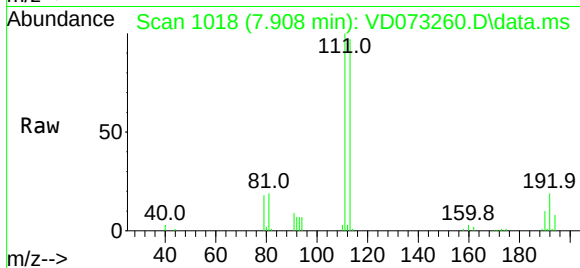
Tgt Ion:113 Resp: 172990

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.733 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD073260.D

Acq: 22 May 2022 07:31

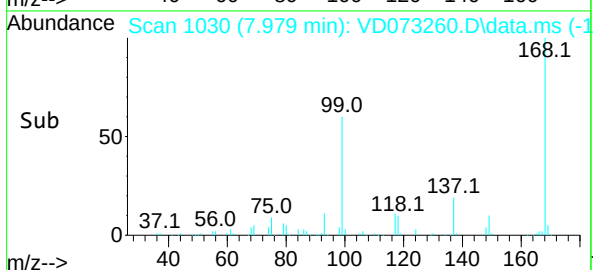
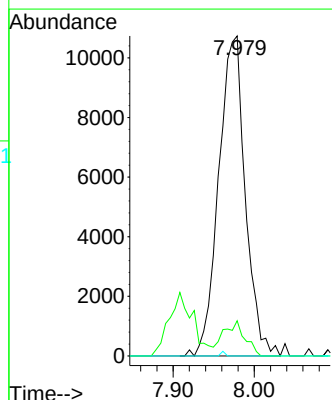
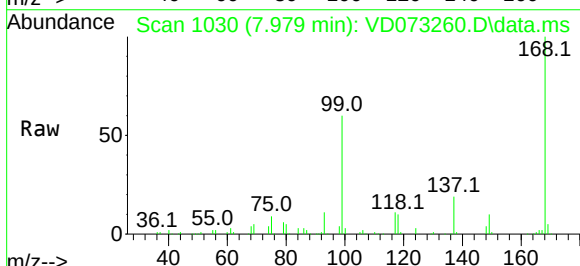
Tgt Ion: 75 Resp: 24468

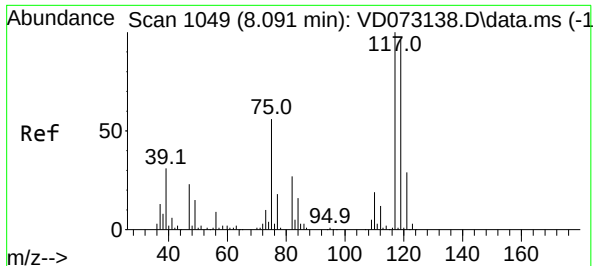
Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.1#

77 0.2 24.2 36.2#

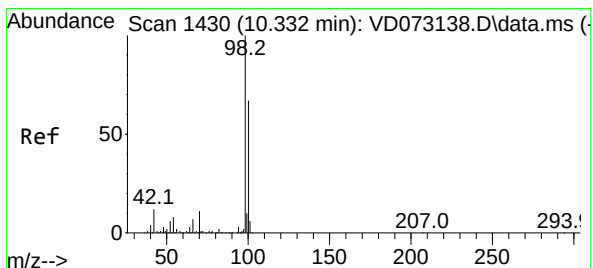
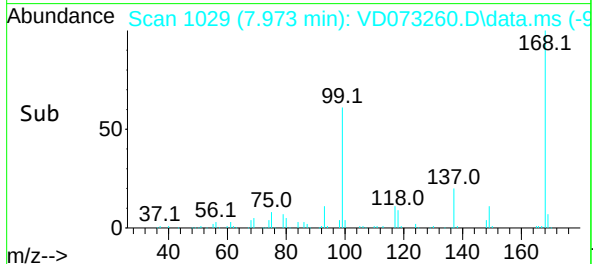
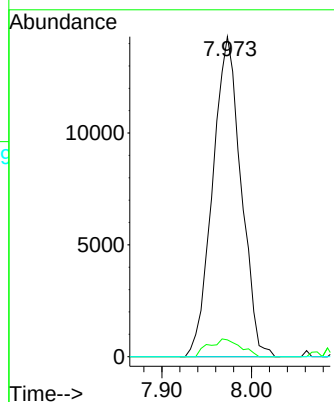
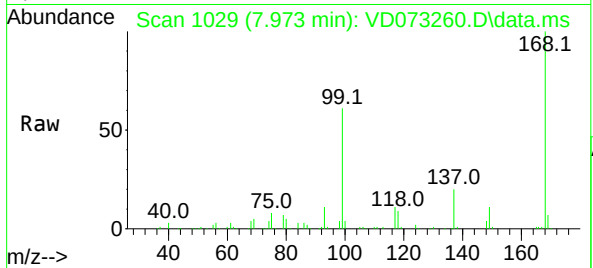




#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

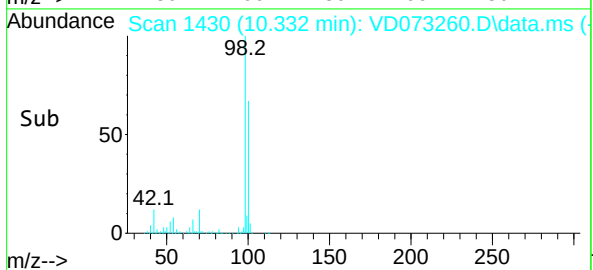
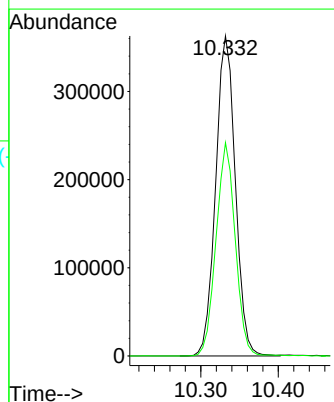
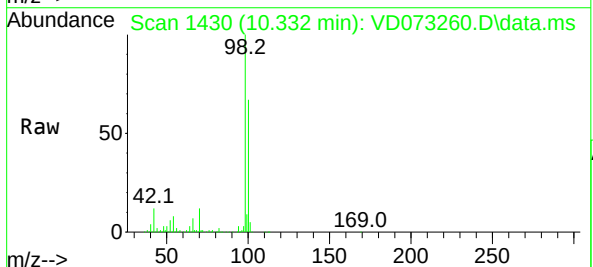
Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

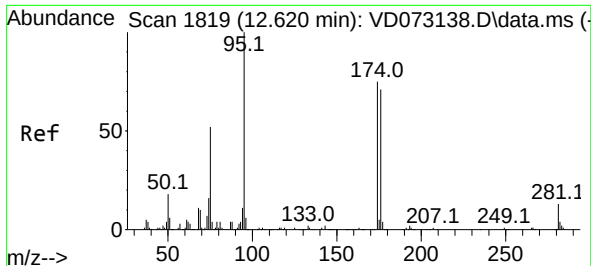
Tgt Ion:117 Resp: 31492
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.529 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 98 Resp: 640261
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

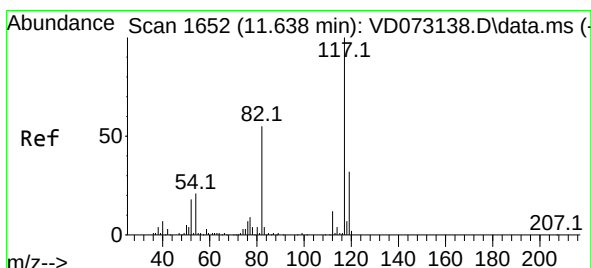
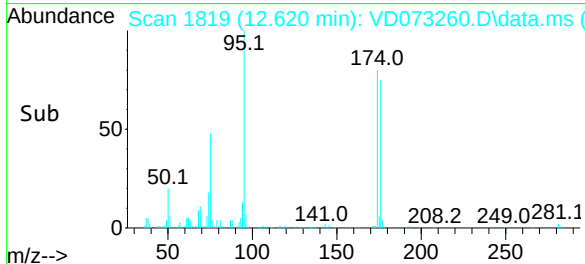
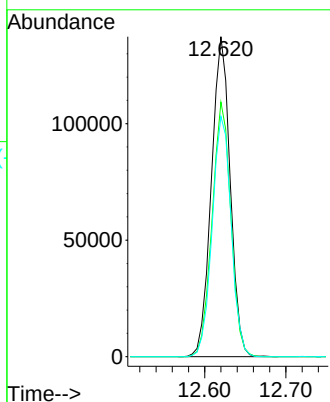
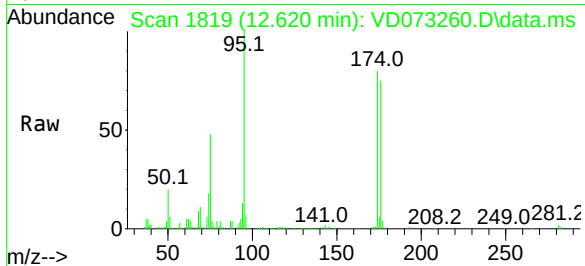




#62
4-Bromofluorobenzene
Concen: 49.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

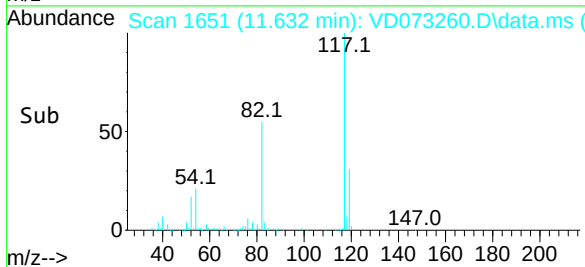
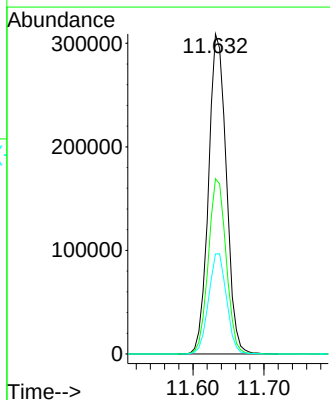
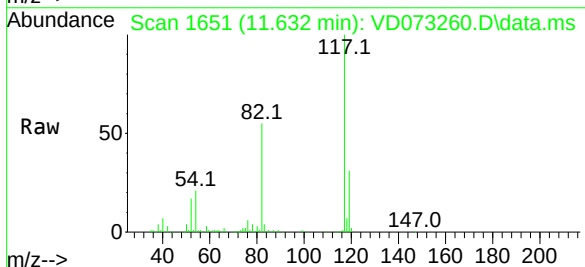
Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

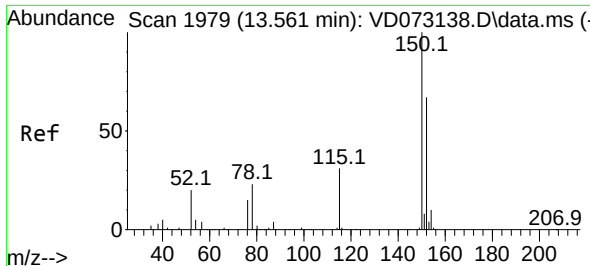
Tgt Ion: 95 Resp: 221123
Ion Ratio Lower Upper
95 100
174 79.2 0.0 152.8
176 75.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 117 Resp: 537577
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 31.2 26.6 40.0

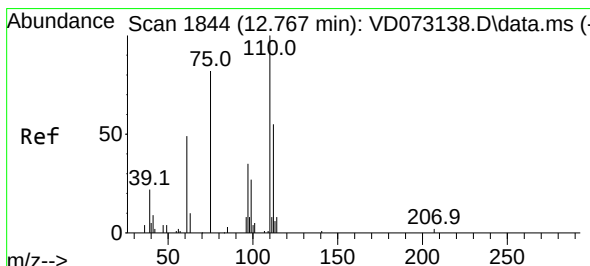
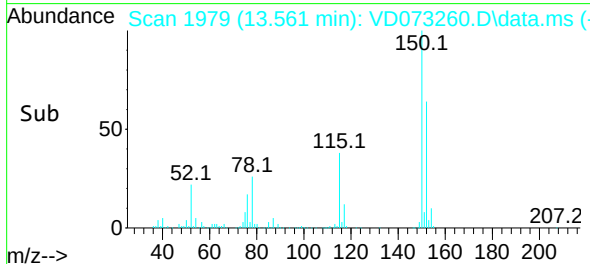
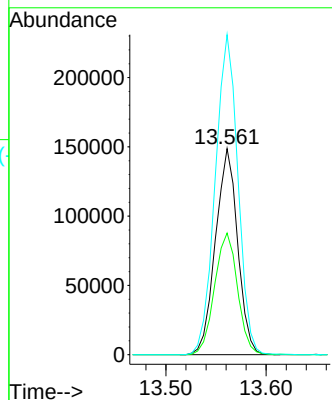
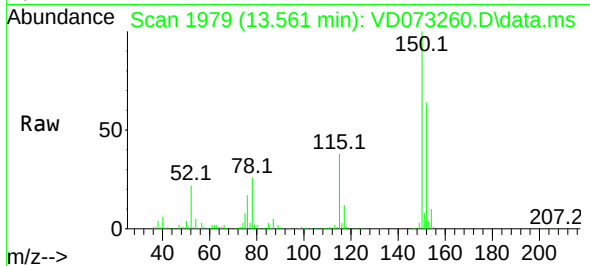




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

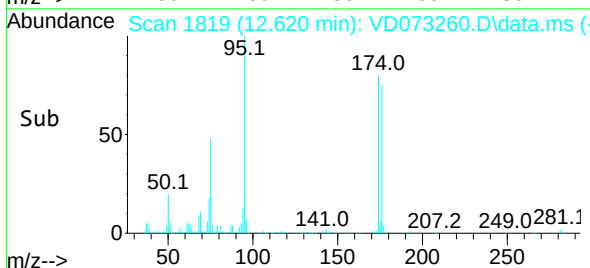
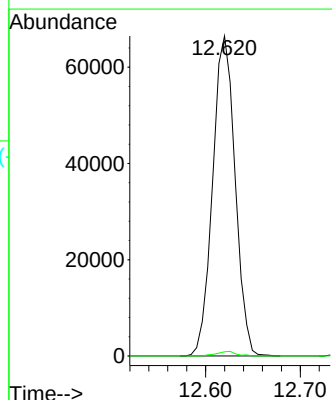
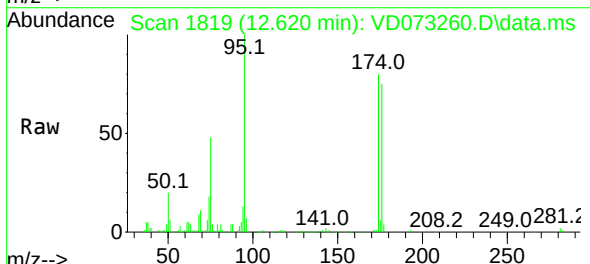
Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

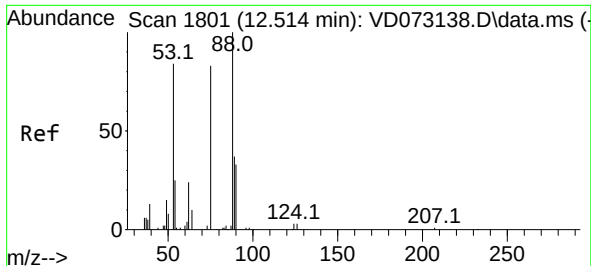
Tgt Ion:152 Resp: 228536
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 158.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 48.901 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 75 Resp: 109652
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

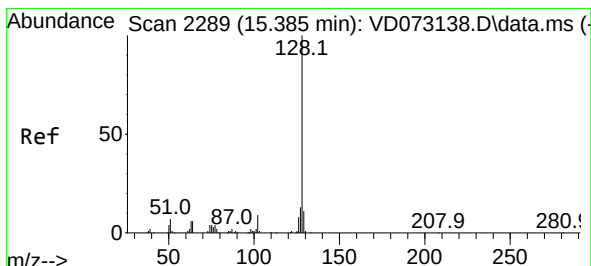
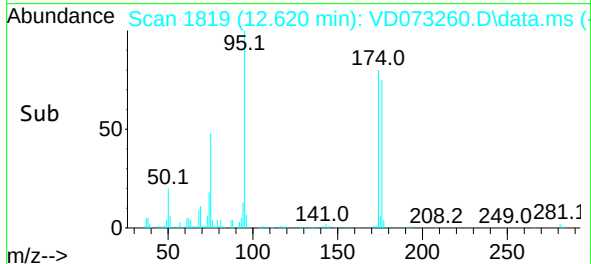
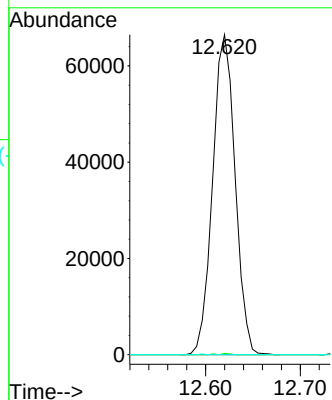
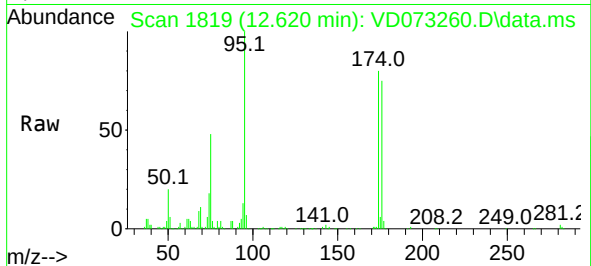




#81
trans-1,4-Dichloro-2-butene
Concen: 117.396 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Instrument :
MSVOA_D
ClientSampleId :
P024-SS003-0006-01

Tgt Ion: 75 Resp: 109652
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.548 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073260.D
Acq: 22 May 2022 07:31

Tgt Ion: 128 Resp: 54
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

