

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073257.D
 Acq On : 22 May 2022 06:03
 Operator : VA/SY
 Sample : N2920-10
 Misc : 5.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01

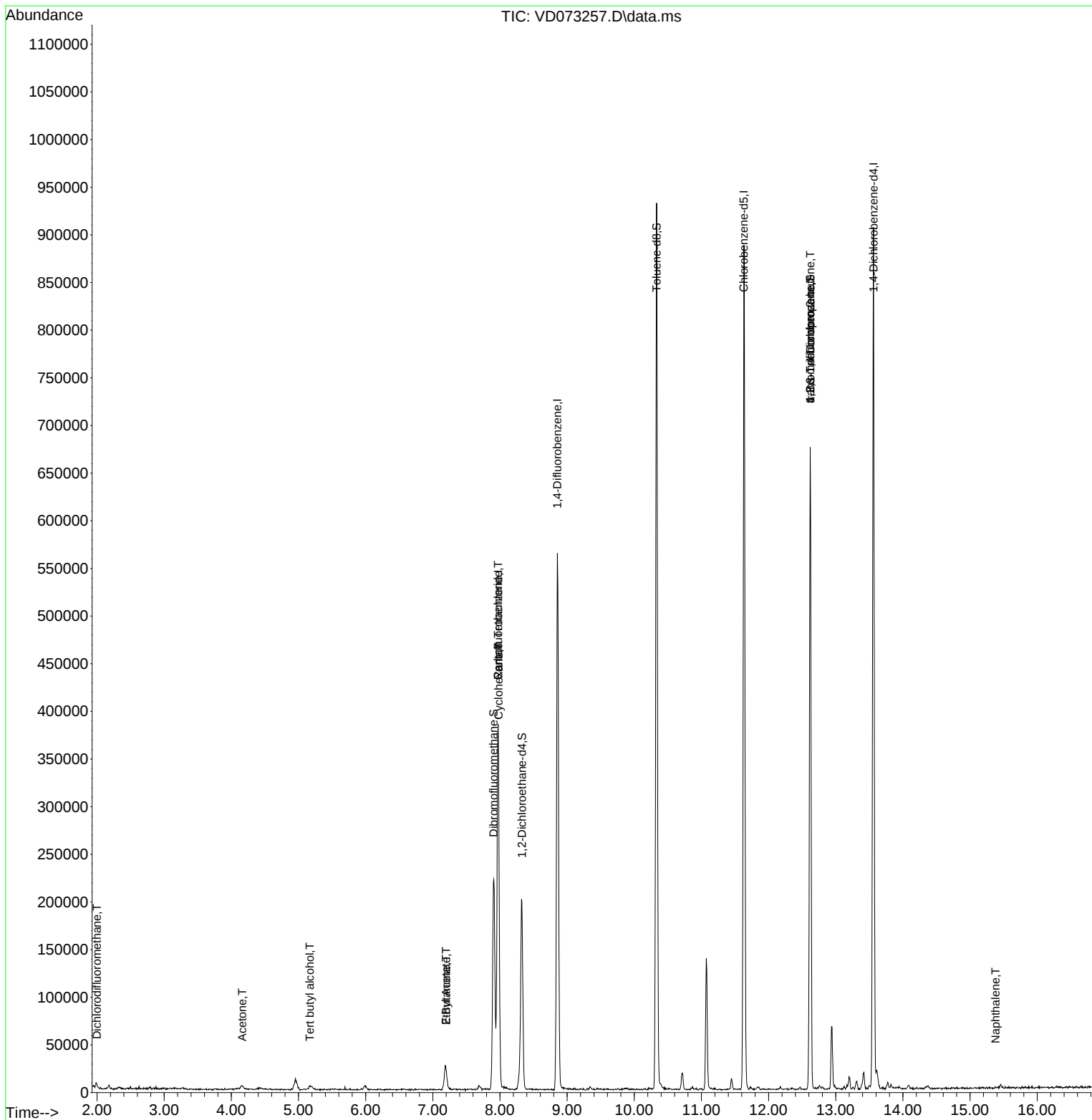
Quant Time: May 23 01:13:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

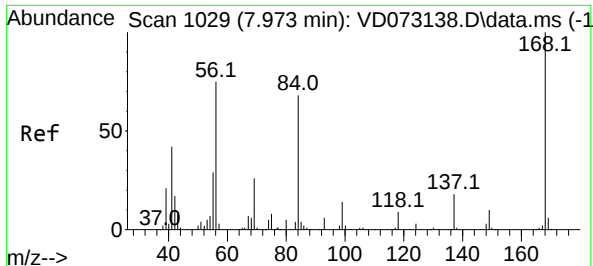
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	272116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	488717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	509925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156729	52.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.903	113	166815	51.728	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.460%	
50) Toluene-d8	10.332	98	598401	50.338	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.620	95	220451	52.842	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.680%	
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	3598	1.323	ug/l	82
5) Bromomethane	2.774	94	1060	Below Cal	#	42
11) Tert butyl alcohol	5.168	59	2699	5.785	ug/l #	74
16) Acetone	4.162	43	7916	15.197	ug/l #	84
20) Methylene Chloride	4.956	84	7677	Below Cal	#	81
25) 2-Butanone	7.197	43	2532	3.322	ug/l #	66
31) Cyclohexane	7.979	56	7333	1.395	ug/l #	33
37) Ethyl Acetate	7.197	43	2532	1.322	ug/l #	1
38) Carbon Tetrachloride	7.973	117	29165	5.932	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	111042	49.417	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	111042	118.635	ug/l #	7
95) Naphthalene	15.379	128	243	3.572	ug/l #	70

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

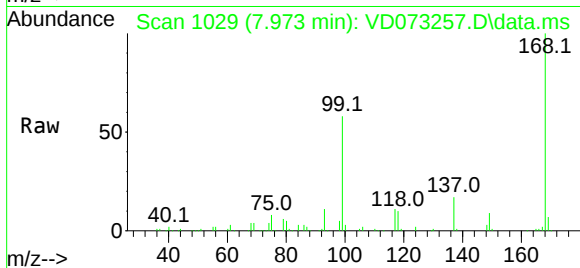
Quant Time: May 23 01:13:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



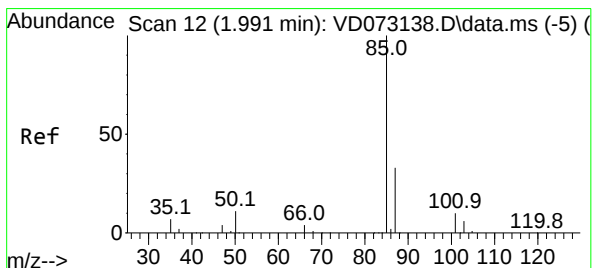
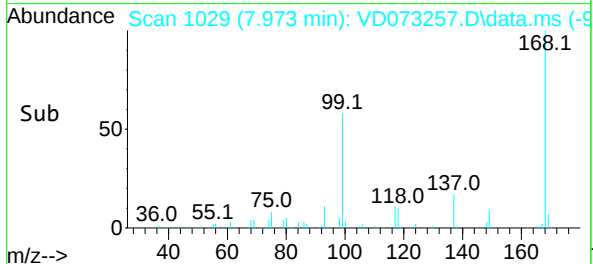
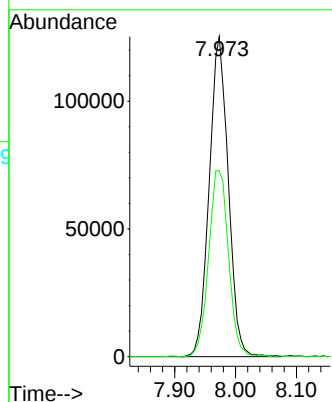


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01

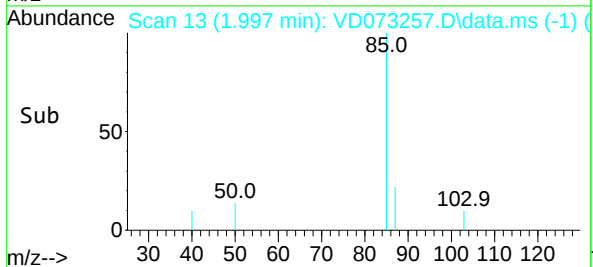
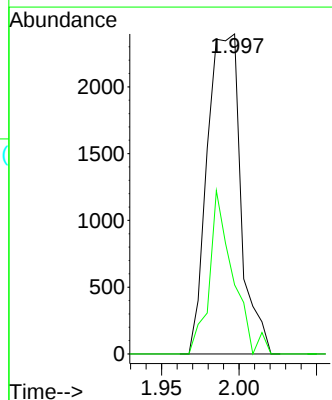
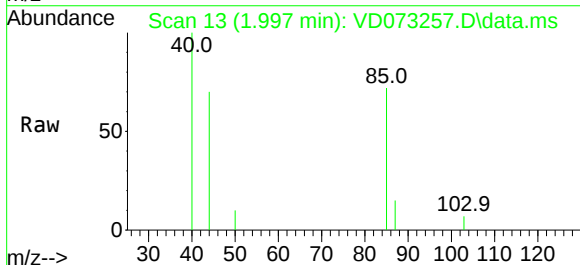


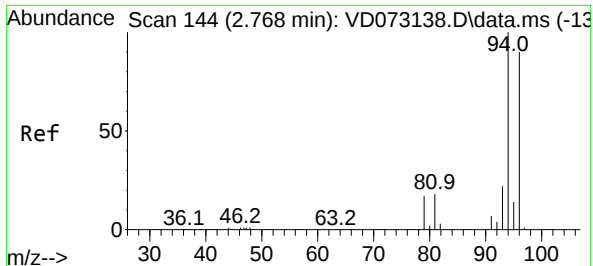
Tgt Ion:168 Resp: 272116
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.323 ug/l
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 85 Resp: 3598
Ion Ratio Lower Upper
85 100
87 21.6 15.7 47.0

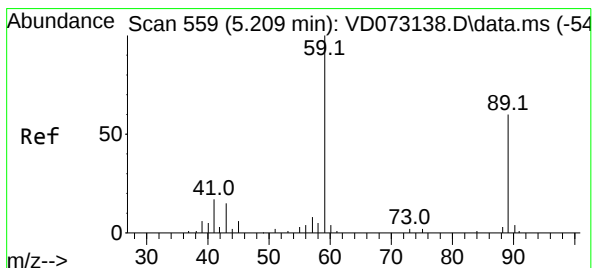
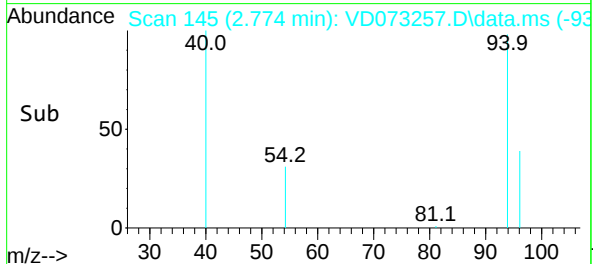
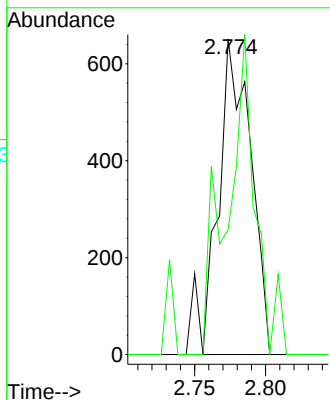
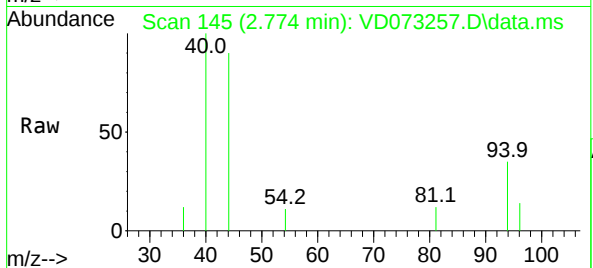




#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

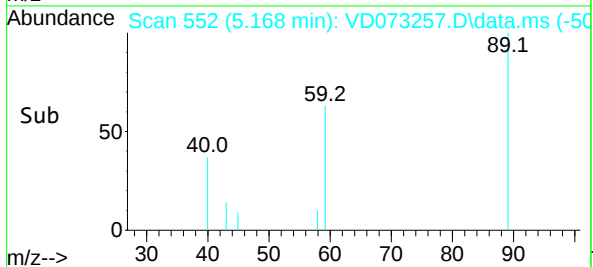
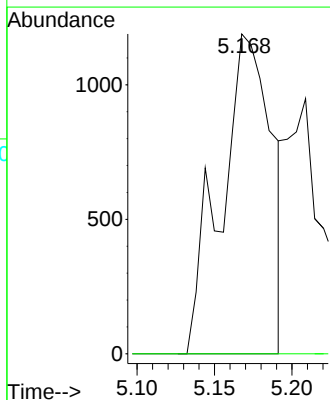
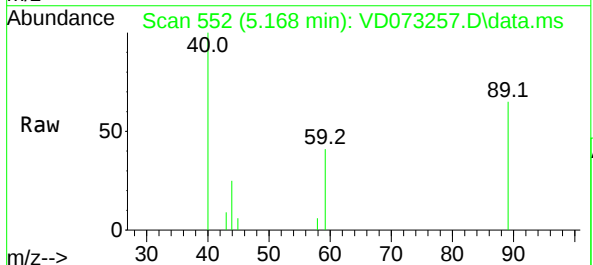
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01

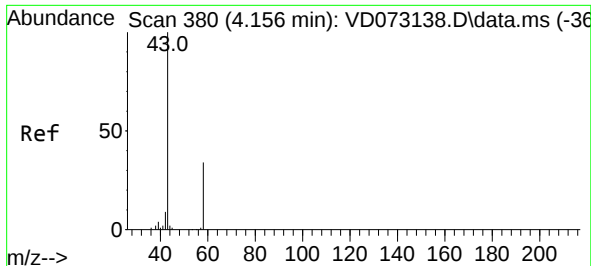
Tgt Ion: 94 Resp: 1060
Ion Ratio Lower Upper
94 100
96 39.6 77.6 116.4#



#11
Tert butyl alcohol
Concen: 5.785 ug/l
RT: 5.168 min Scan# 552
Delta R.T. -0.041 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 59 Resp: 2699
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

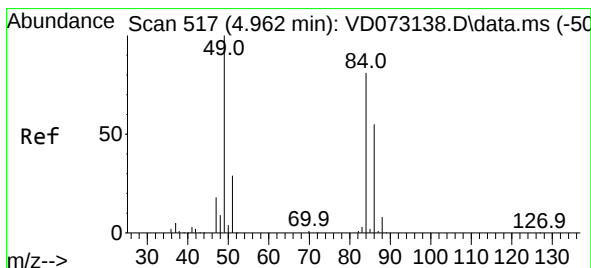
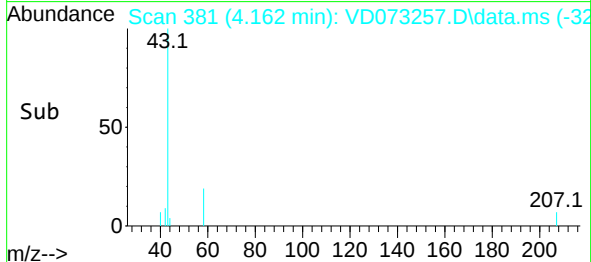
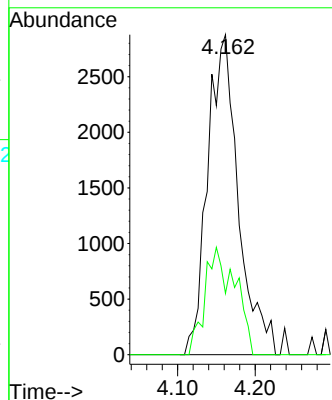
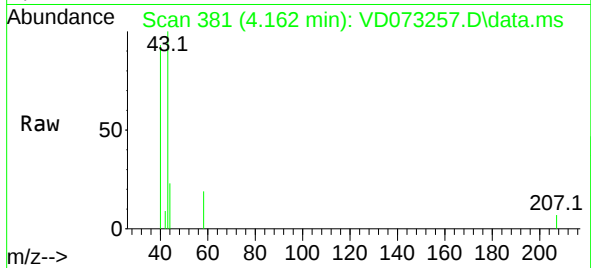




#16
Acetone
Concen: 15.197 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

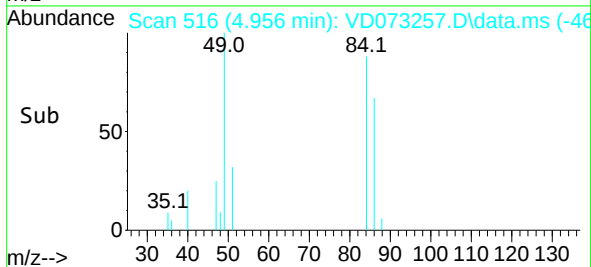
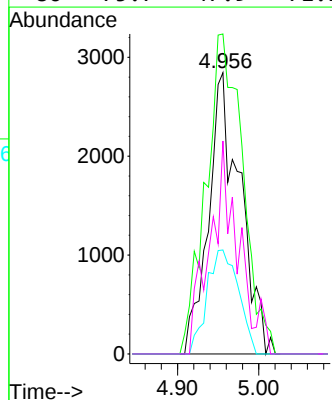
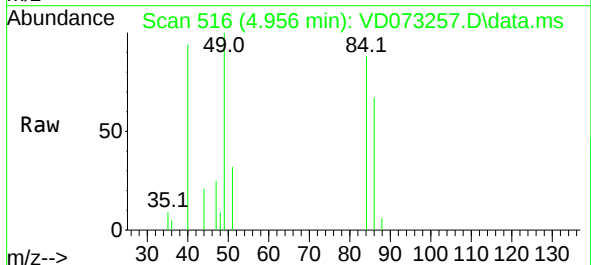
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01

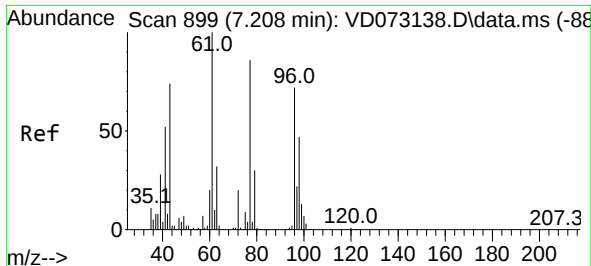
Tgt Ion: 43 Resp: 7916
Ion Ratio Lower Upper
43 100
58 19.2 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 84 Resp: 7677
Ion Ratio Lower Upper
84 100
49 113.7 112.8 169.2
51 36.9 32.6 48.8
86 75.7 47.9 71.9#





#25

2-Butanone

Concen: 3.322 ug/l

RT: 7.197 min Scan# 899

Delta R.T. -0.011 min

Lab File: VD073257.D

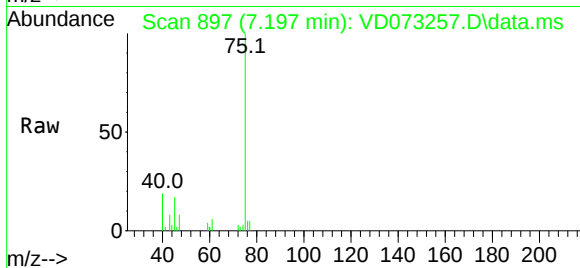
Acq: 22 May 2022 06:03

Instrument :

MSVOA_D

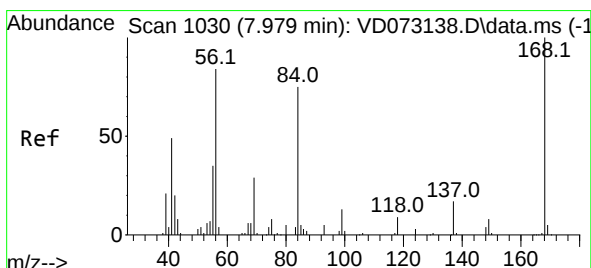
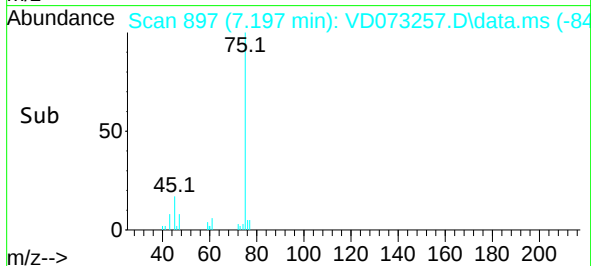
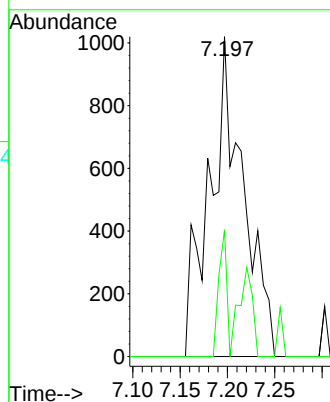
ClientSampleId :

P024-SS001-2430-01



Tgt Ion: 43 Resp: 2532

Ion	Ratio	Lower	Upper
43	100		
72	39.6	18.6	27.8#



#31

Cyclohexane

Concen: 1.395 ug/l

RT: 7.979 min Scan# 1030

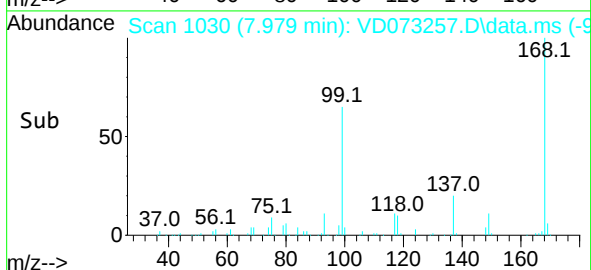
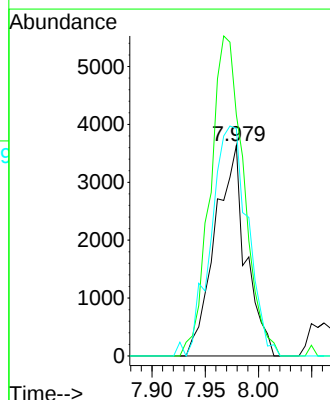
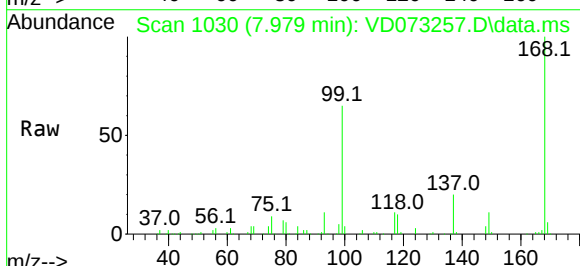
Delta R.T. 0.000 min

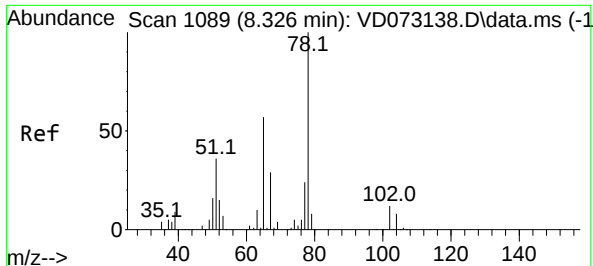
Lab File: VD073257.D

Acq: 22 May 2022 06:03

Tgt Ion: 56 Resp: 7333

Ion	Ratio	Lower	Upper
56	100		
69	114.6	25.4	38.2#
84	108.1	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 52.117 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073257.D

Acq: 22 May 2022 06:03

Instrument :

MSVOA_D

ClientSampleId :

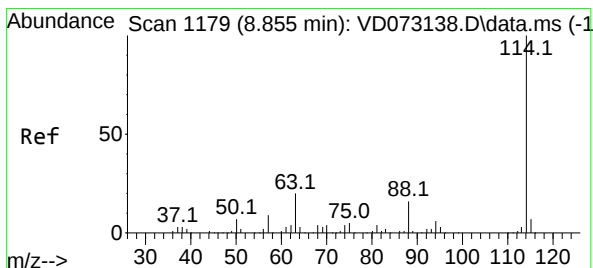
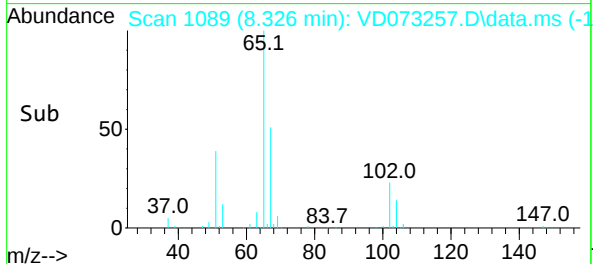
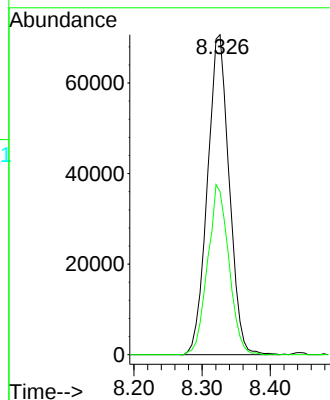
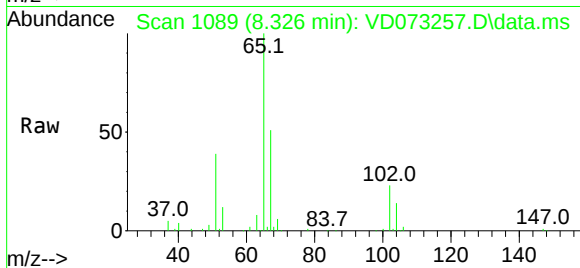
P024-SS001-2430-01

Tgt Ion: 65 Resp: 156729

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073257.D

Acq: 22 May 2022 06:03

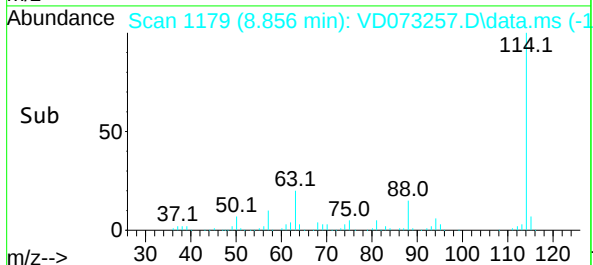
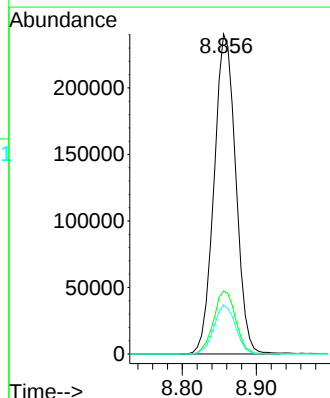
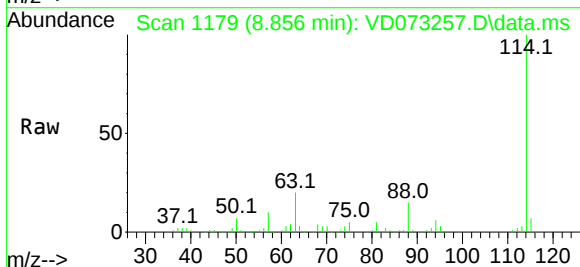
Tgt Ion: 114 Resp: 488717

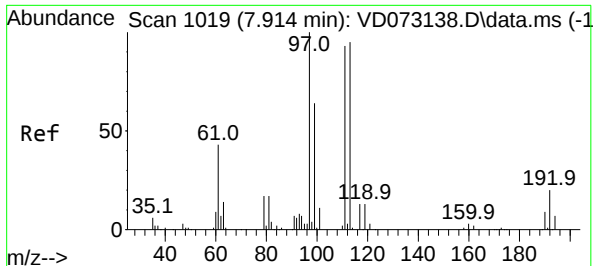
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.728 ug/l

RT: 7.903 min Scan# 1019

Delta R.T. -0.011 min

Lab File: VD073257.D

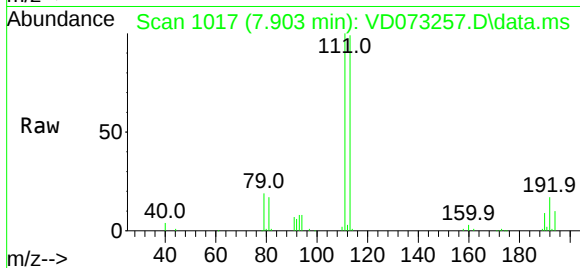
Acq: 22 May 2022 06:03

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01



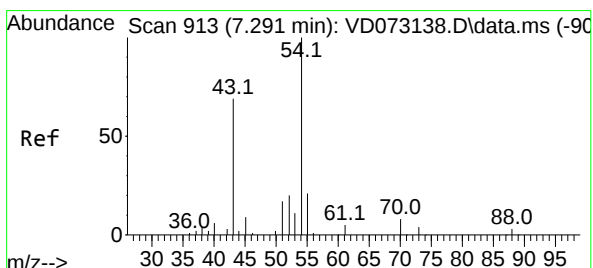
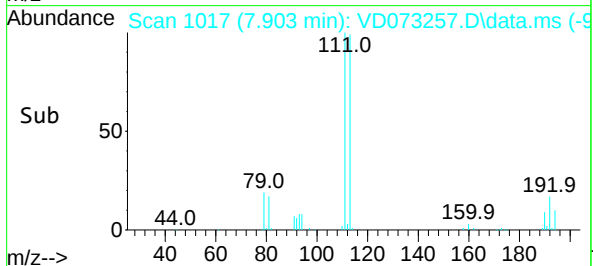
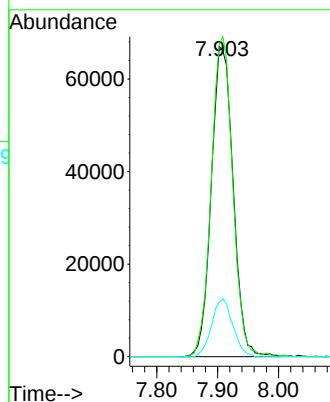
Tgt Ion:113 Resp: 166815

Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.1 14.6 21.8



#37

Ethyl Acetate

Concen: 1.322 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.094 min

Lab File: VD073257.D

Acq: 22 May 2022 06:03

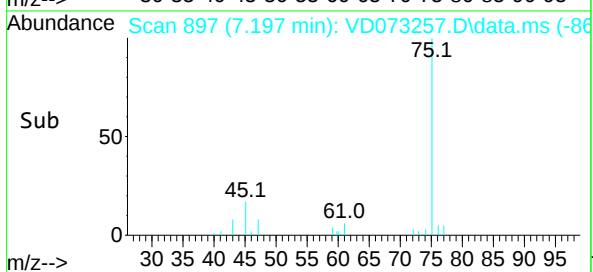
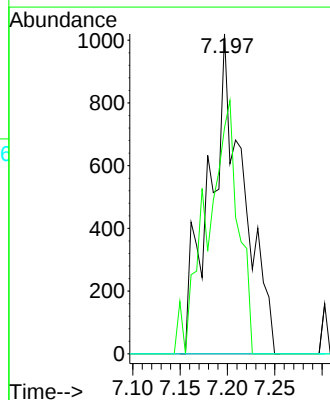
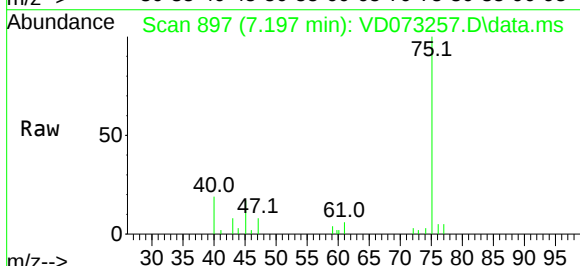
Tgt Ion: 43 Resp: 2532

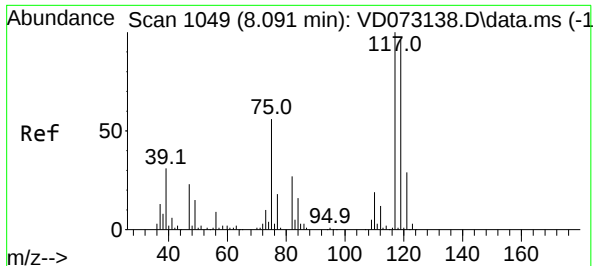
Ion Ratio Lower Upper

43 100

61 73.4 9.8 14.8#

70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 5.932 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073257.D

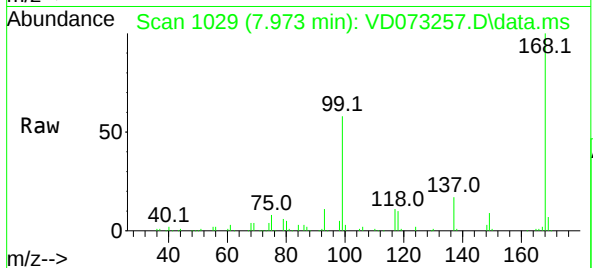
Acq: 22 May 2022 06:03

Instrument :

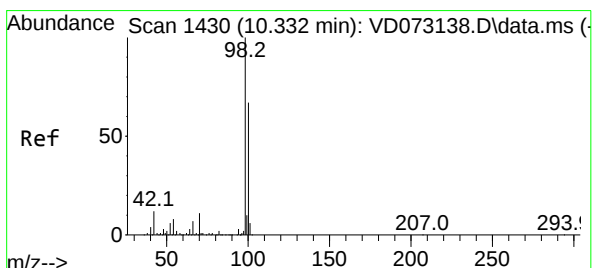
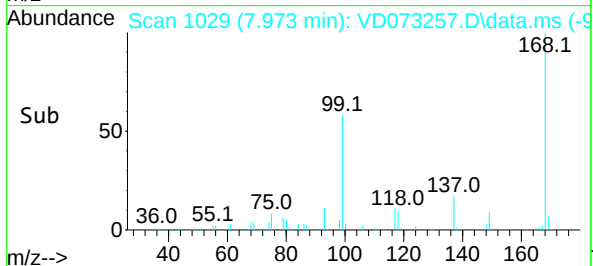
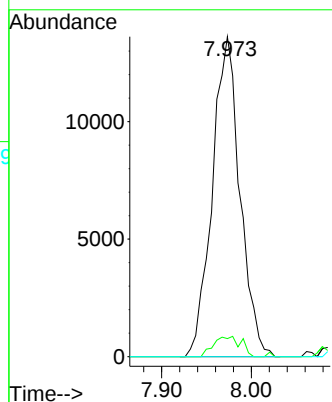
MSVOA_D

ClientSampleId :

P024-SS001-2430-01



Tgt Ion:	117	Resp:	29165
Ion Ratio	Lower	Upper	
117	100		
119	5.6	75.8	113.6#
121	0.0	24.5	36.7#



#50

Toluene-d8

Concen: 50.338 ug/l

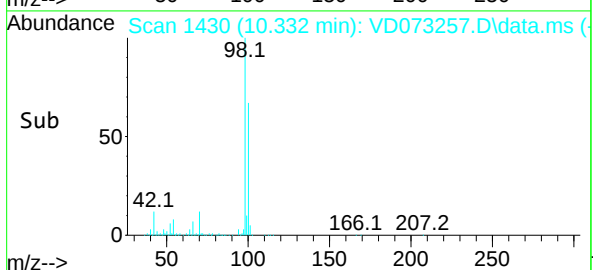
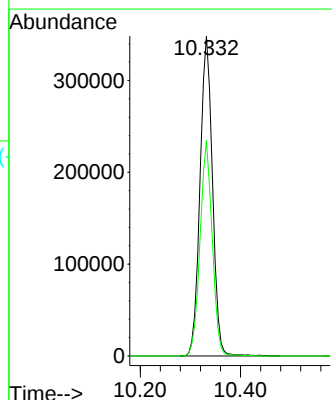
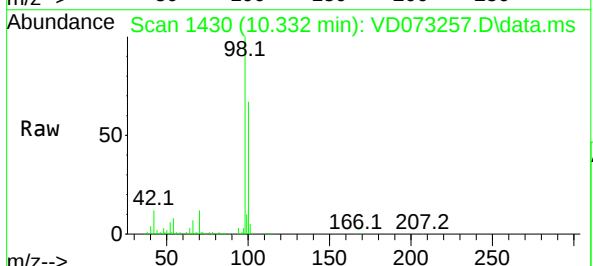
RT: 10.332 min Scan# 1430

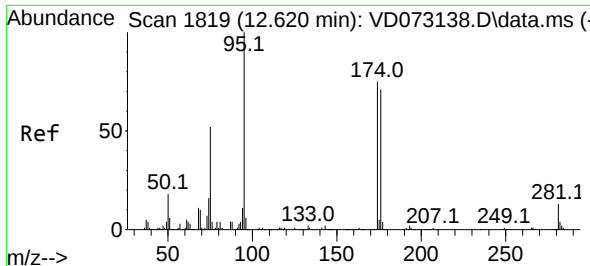
Delta R.T. -0.000 min

Lab File: VD073257.D

Acq: 22 May 2022 06:03

Tgt Ion:	98	Resp:	598401
Ion Ratio	Lower	Upper	
98	100		
100	66.3	52.4	78.6

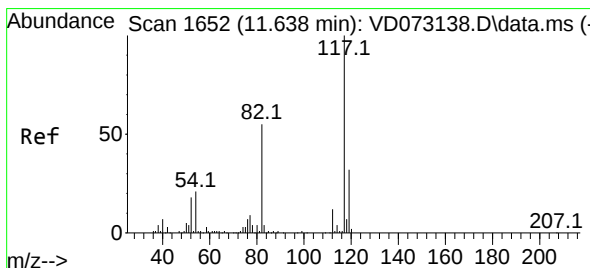
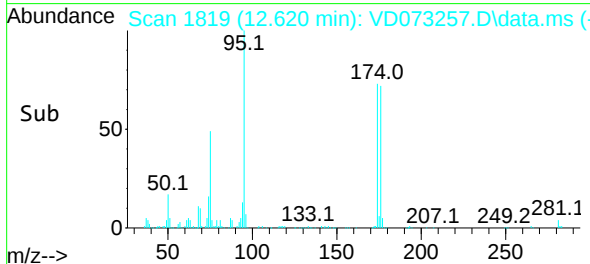
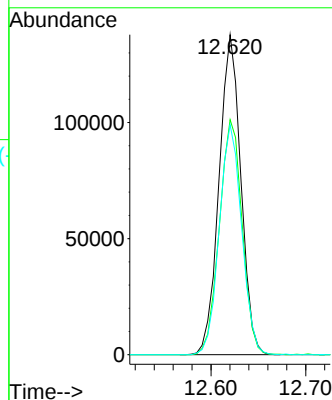
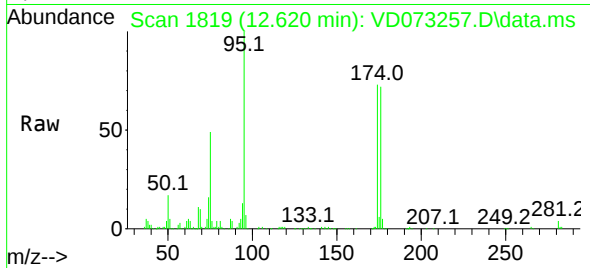




#62
4-Bromofluorobenzene
Concen: 52.842 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

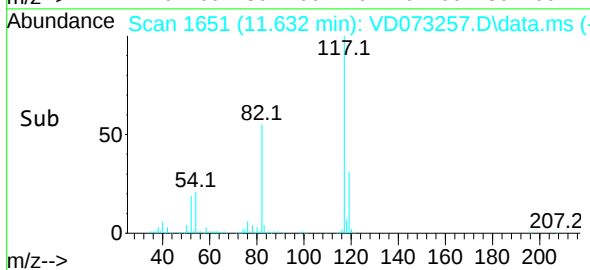
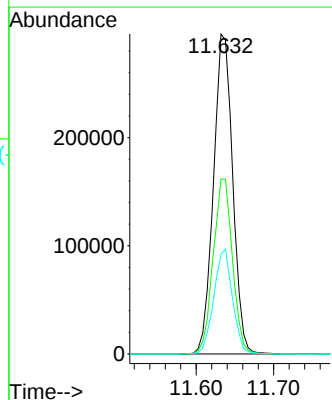
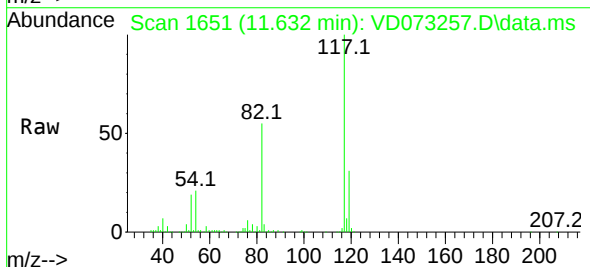
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01

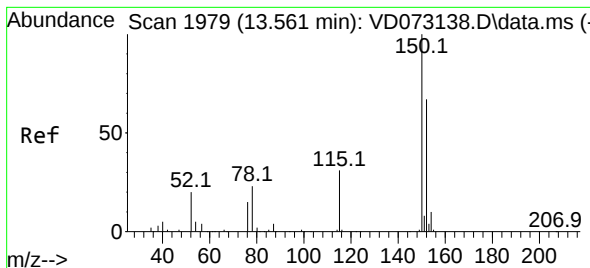
Tgt Ion: 95 Resp: 220451
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073257.D
Acq: 22 May 2022 06:03

Tgt Ion: 117 Resp: 509925
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.1 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073257.D

Acq: 22 May 2022 06:03

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01

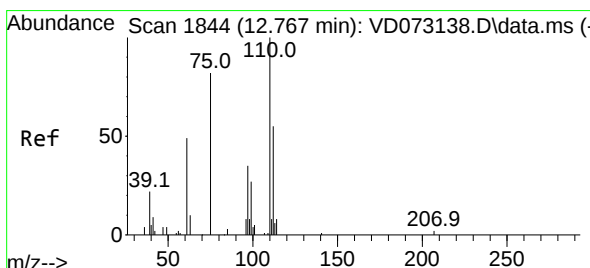
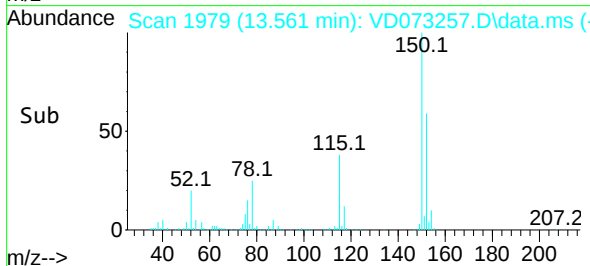
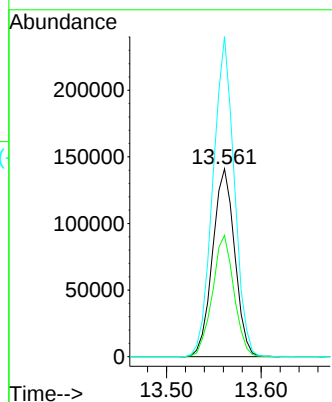
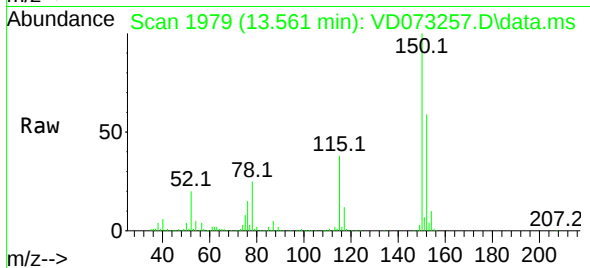
Tgt Ion:152 Resp: 229015

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

150 164.4 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 49.417 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073257.D

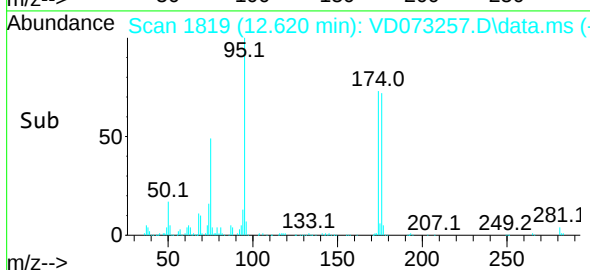
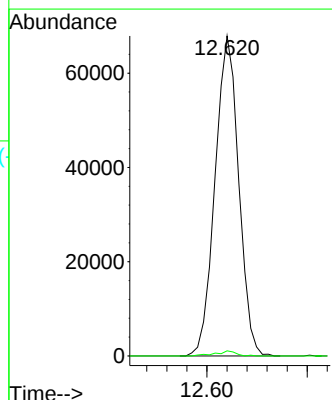
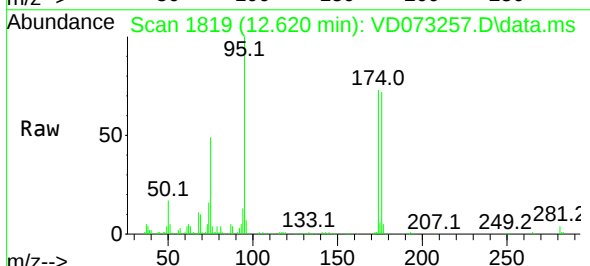
Acq: 22 May 2022 06:03

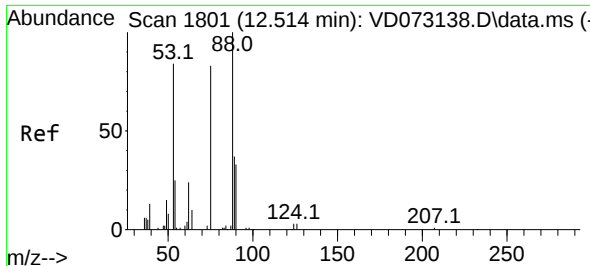
Tgt Ion: 75 Resp: 111042

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

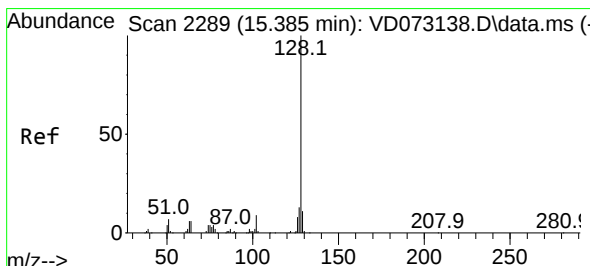
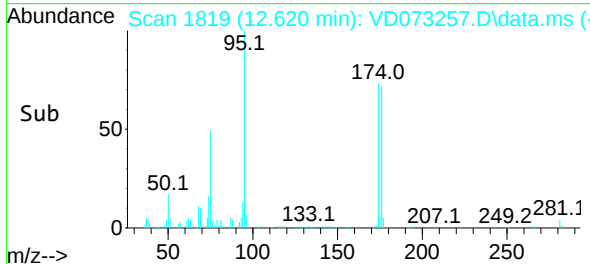
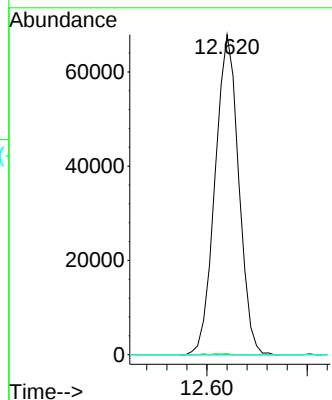
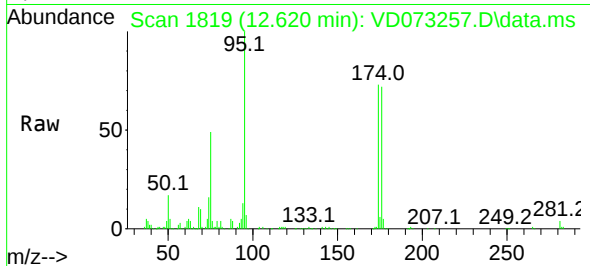




#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.635 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073257.D
 Acq: 22 May 2022 06:03

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01

Tgt Ion: 75 Resp: 111042
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.5 129.7#
 89 0.0 33.9 50.9#



#95
 Naphthalene
 Concen: 3.572 ug/l
 RT: 15.379 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: VD073257.D
 Acq: 22 May 2022 06:03

Tgt Ion: 128 Resp: 243
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

