

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073236.D
 Acq On : 21 May 2022 18:22
 Operator : VA/SY
 Sample : N2870-07
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P034-SS001-0612-01

Quant Time: May 22 01:33:17 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)

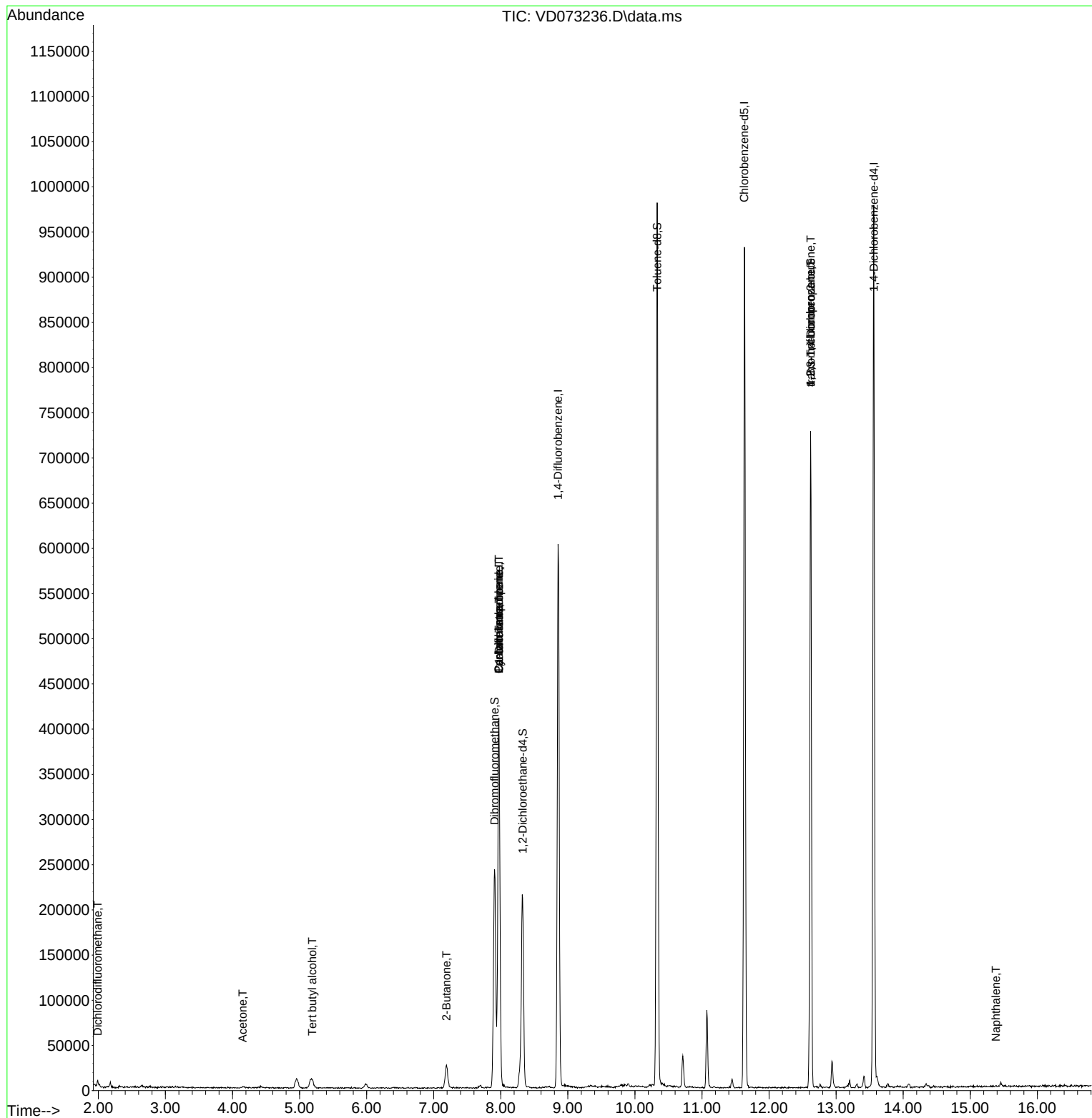
Internal Standards						
1) Pentafluorobenzene	7.973	168	293941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	520292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	548857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168737	51.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.880%	
35) Dibromofluoromethane	7.908	113	176807	51.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.332	98	650706	51.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.840%	
62) 4-Bromofluorobenzene	12.620	95	237559	53.487	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	4913	1.673	ug/l	91
5) Bromomethane	2.768	94	998	Below Cal	#	80
11) Tert butyl alcohol	5.191	59	10164	20.167	ug/l #	74
16) Acetone	4.150	43	1331	2.366	ug/l	99
20) Methylene Chloride	4.967	84	8163	Below Cal	#	64
25) 2-Butanone	7.191	43	1628	1.978	ug/l #	52
31) Cyclohexane	7.973	56	5902	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	25299	4.900	ug/l #	52
38) Carbon Tetrachloride	7.973	117	31631	6.043	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	120134	48.928	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	120134	117.461	ug/l #	7
95) Naphthalene	15.385	128	274	3.573	ug/l #	70

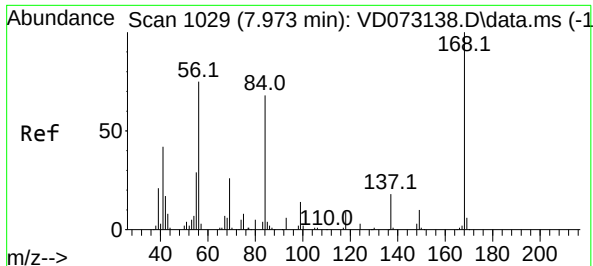
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P034-SS001-0612-01

Quant Time: May 22 01:33:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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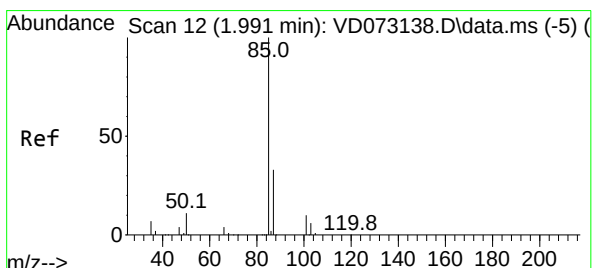
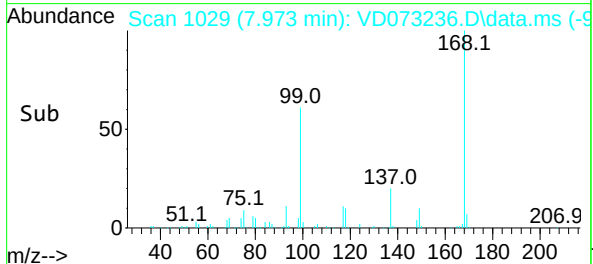
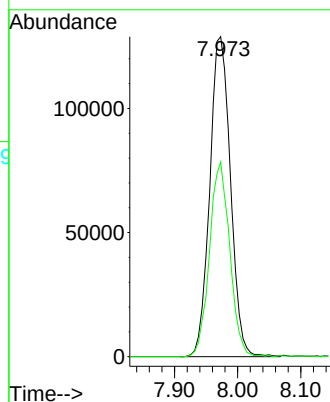
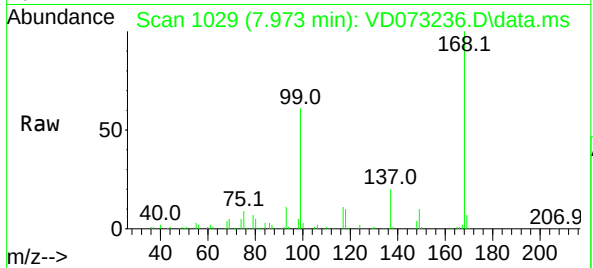




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

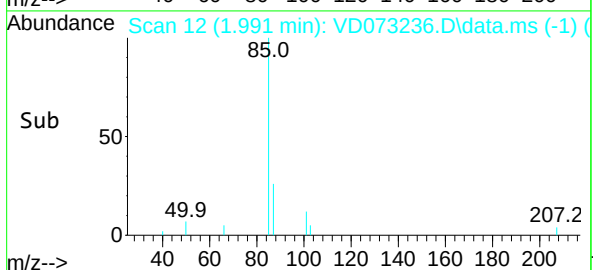
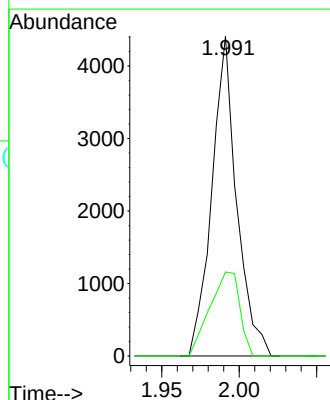
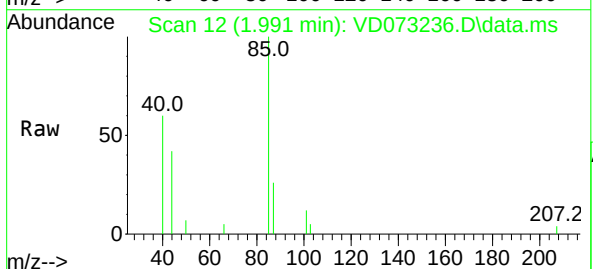
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-0612-01

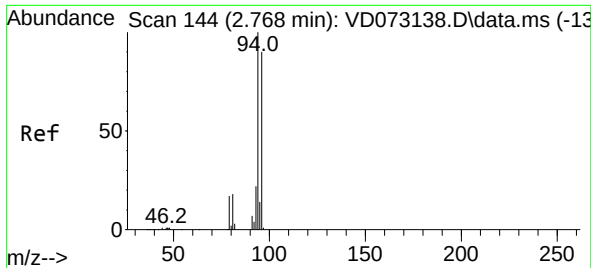
Tgt Ion:168 Resp: 293941
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.673 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

Tgt Ion: 85 Resp: 4913
Ion Ratio Lower Upper
85 100
87 26.3 15.7 47.0

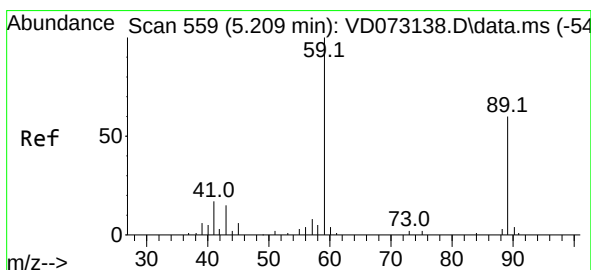
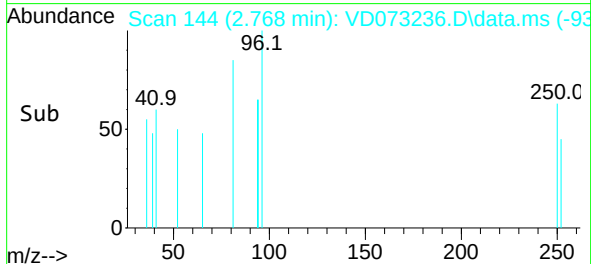
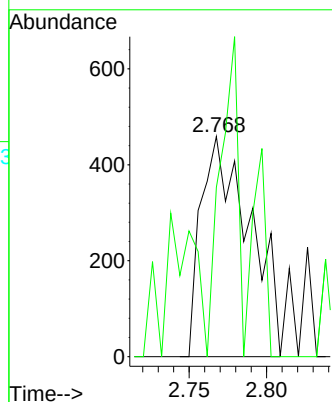
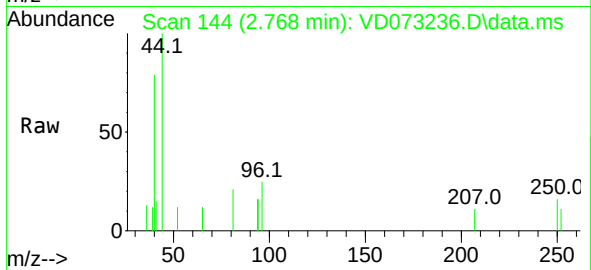




#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

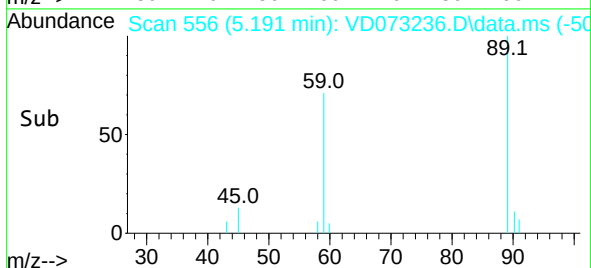
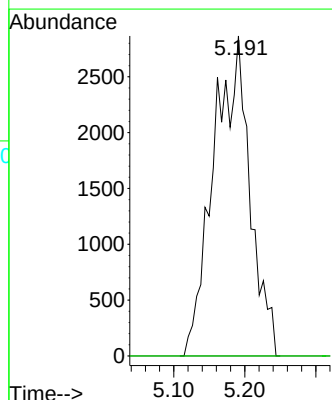
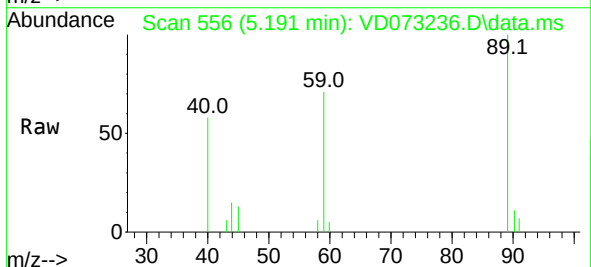
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-0612-01

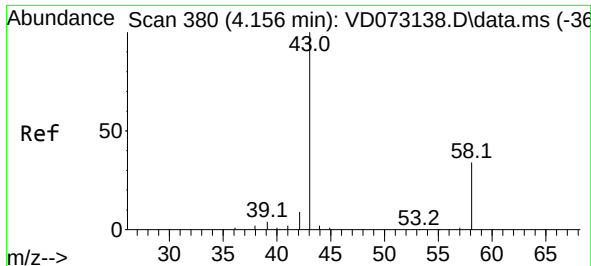
Tgt Ion: 94 Resp: 998
Ion Ratio Lower Upper
94 100
96 76.9 77.6 116.4#



#11
Tert butyl alcohol
Concen: 20.167 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.018 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

Tgt Ion: 59 Resp: 10164
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 2.366 ug/l

RT: 4.150 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD073236.D

Acq: 21 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

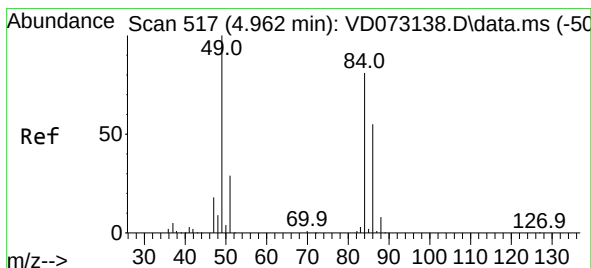
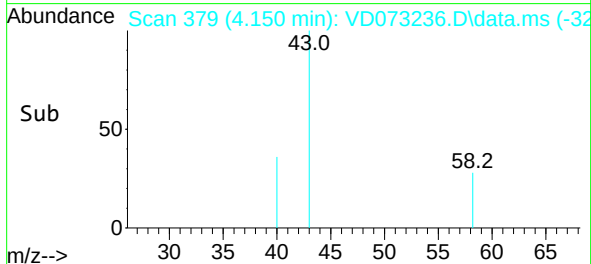
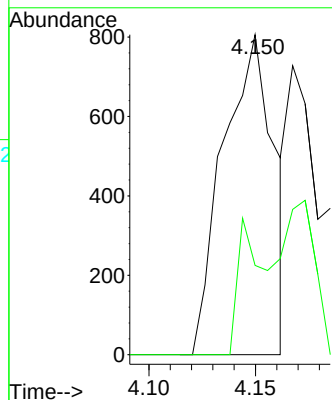
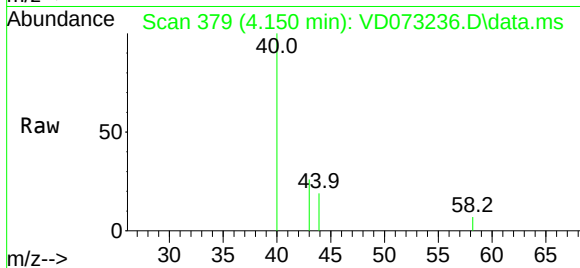
P034-SS001-0612-01

Tgt Ion: 43 Resp: 1331

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. 0.005 min

Lab File: VD073236.D

Acq: 21 May 2022 18:22

Tgt Ion: 84 Resp: 8163

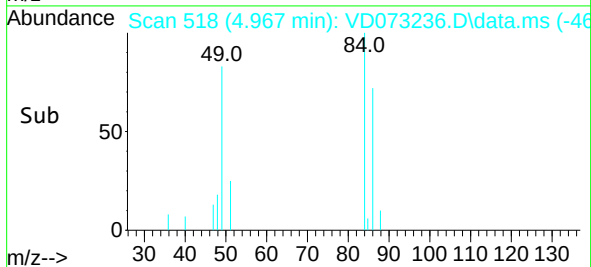
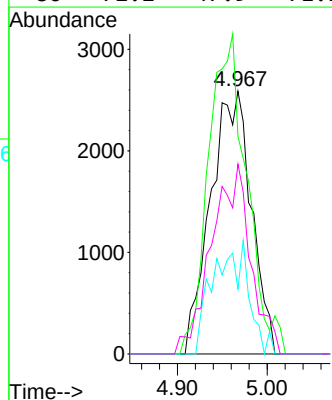
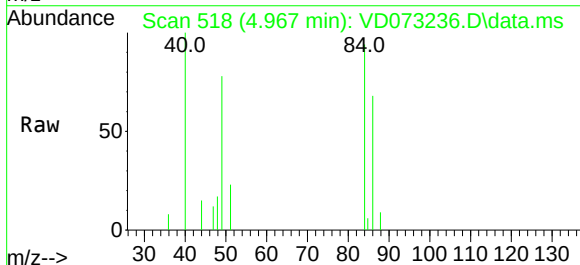
Ion Ratio Lower Upper

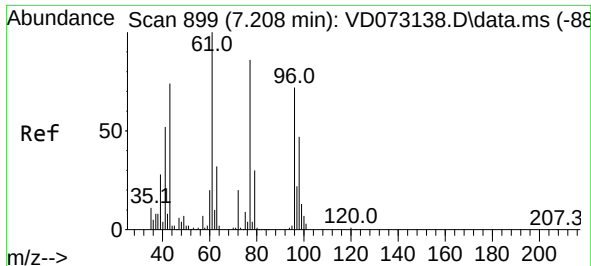
84 100

49 82.9 112.8 169.2#

51 24.7 32.6 48.8#

86 72.2 47.9 71.9#

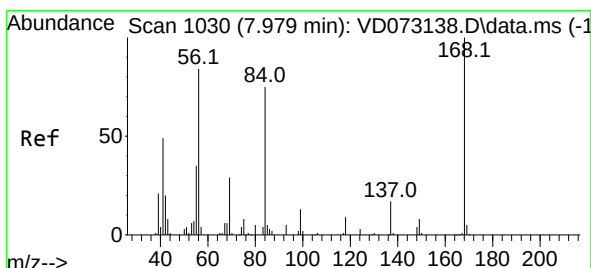
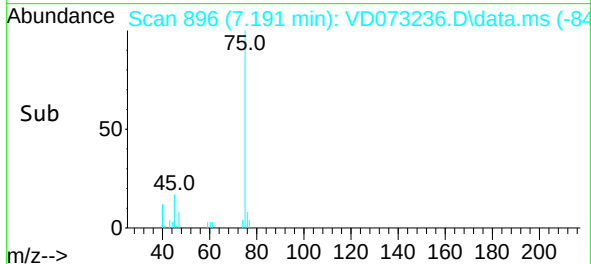
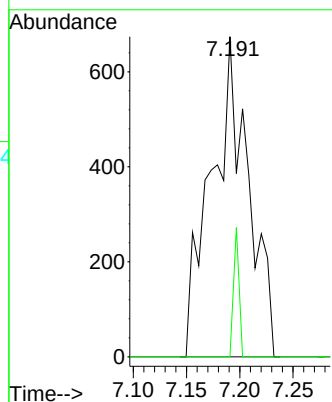
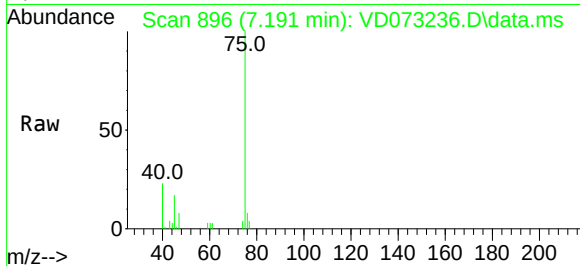




#25
2-Butanone
Concen: 1.978 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

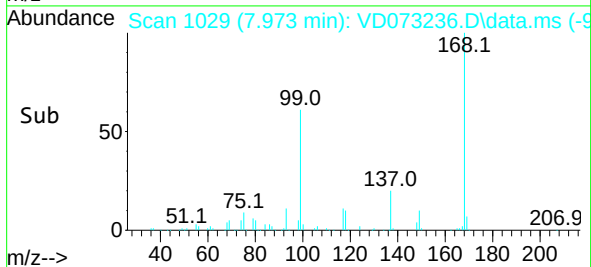
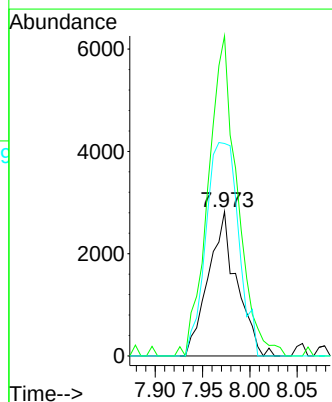
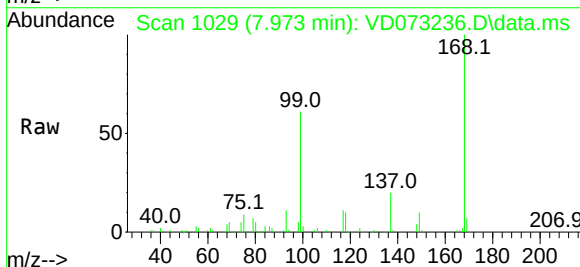
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-0612-01

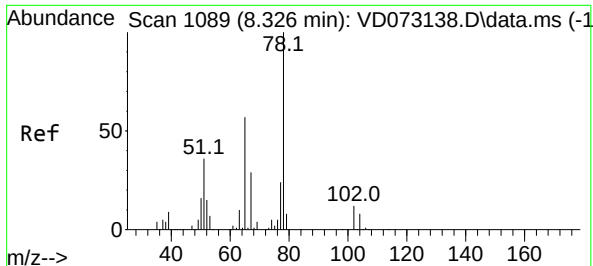
Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

Tgt Ion: 56 Resp: 5902
Ion Ratio Lower Upper
56 100
69 215.8 25.4 38.2#
84 147.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.944 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073236.D

Acq: 21 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

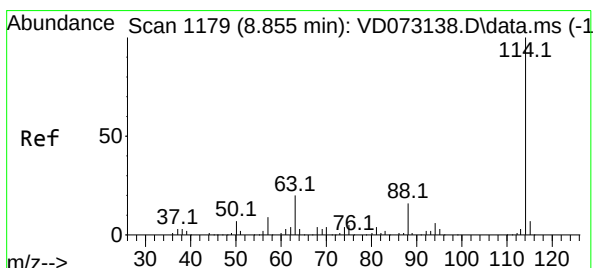
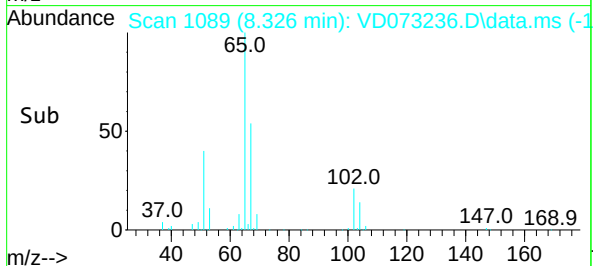
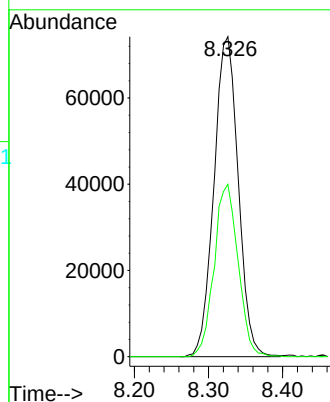
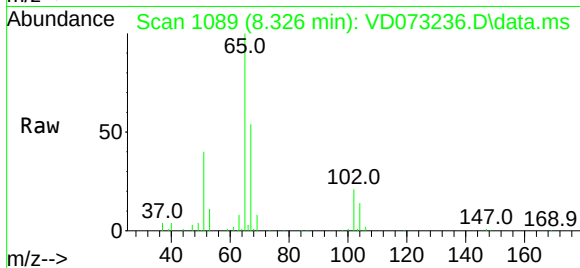
P034-SS001-0612-01

Tgt Ion: 65 Resp: 168737

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073236.D

Acq: 21 May 2022 18:22

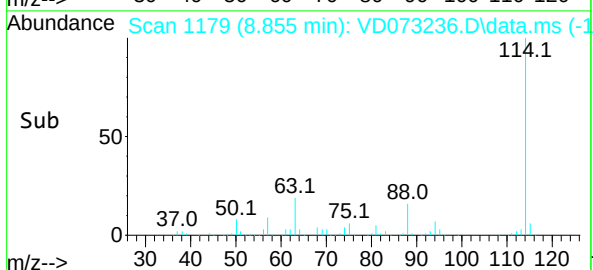
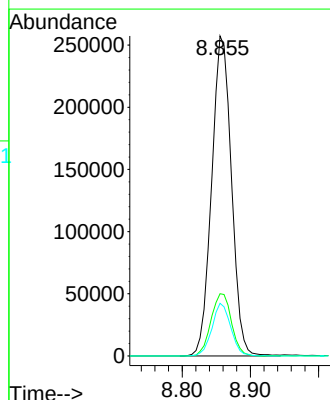
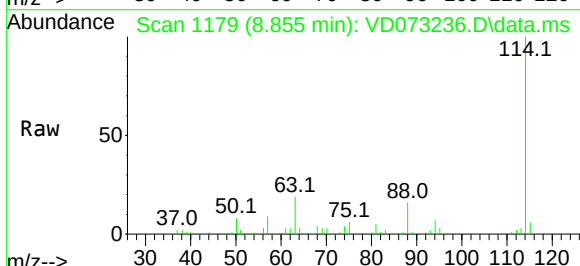
Tgt Ion: 114 Resp: 520292

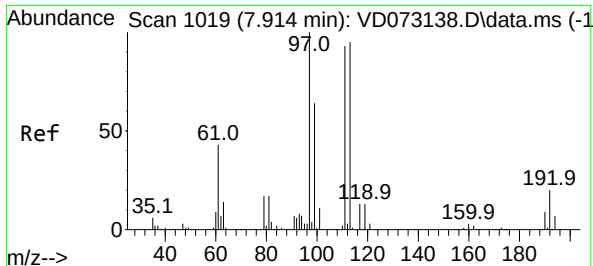
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.499 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073236.D

Acq: 21 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

P034-SS001-0612-01

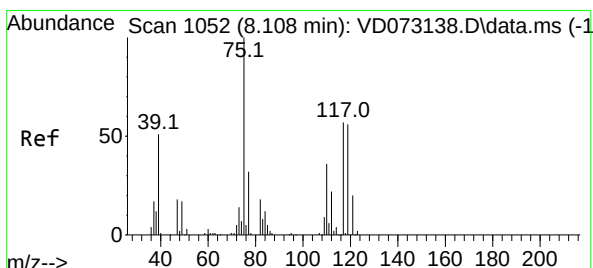
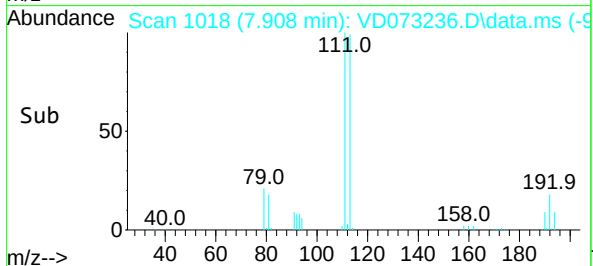
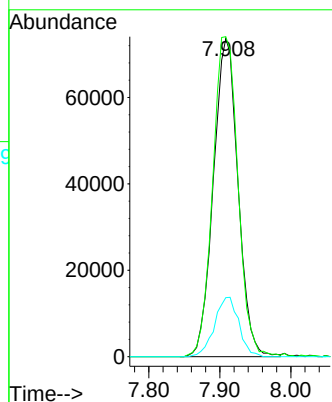
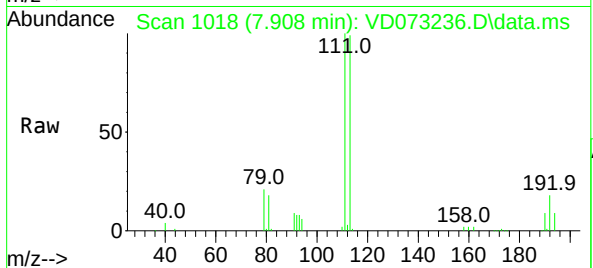
Tgt Ion:113 Resp: 176807

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.900 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073236.D

Acq: 21 May 2022 18:22

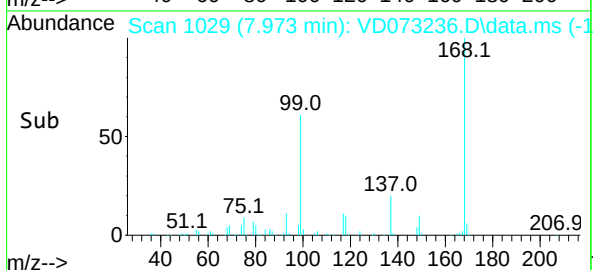
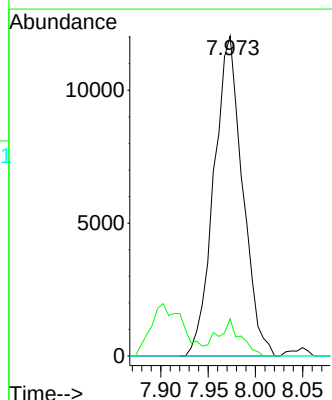
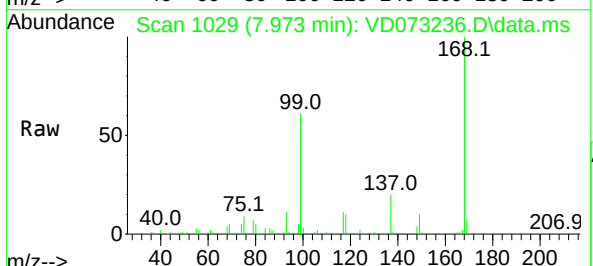
Tgt Ion: 75 Resp: 25299

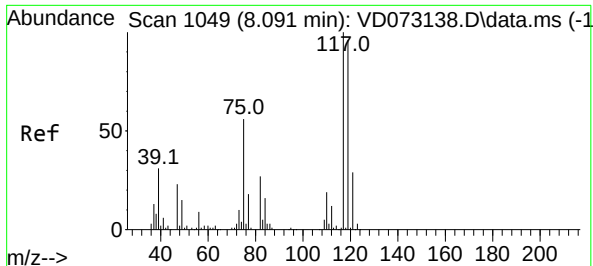
Ion Ratio Lower Upper

75 100

110 9.4 16.4 49.1#

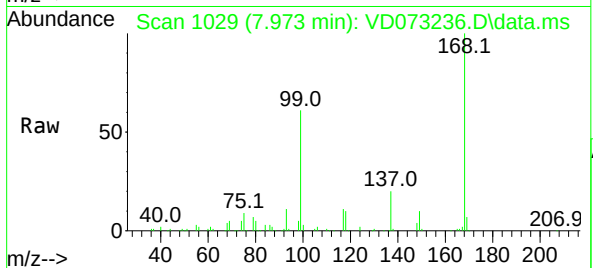
77 0.0 24.2 36.2#



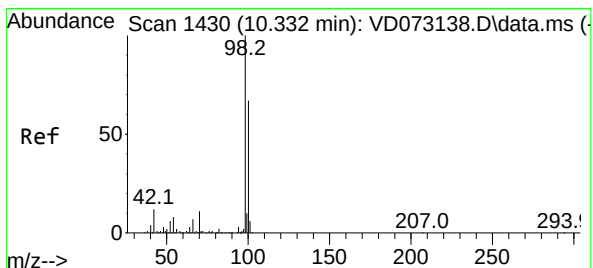
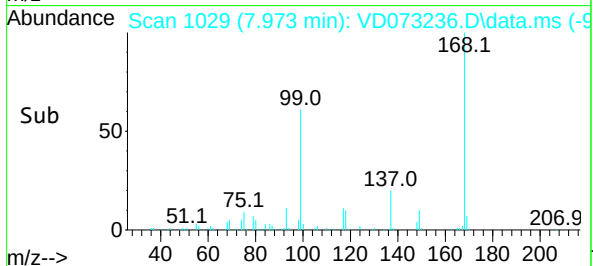
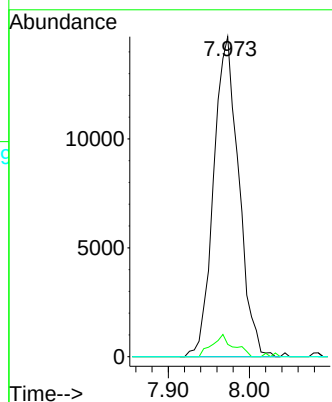


#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-0612-01

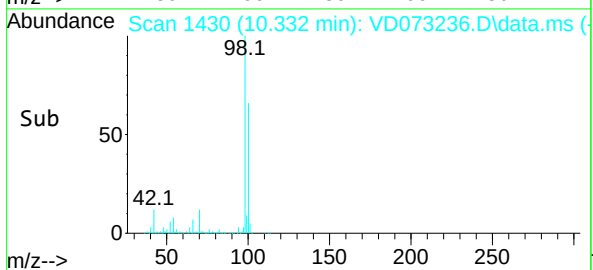
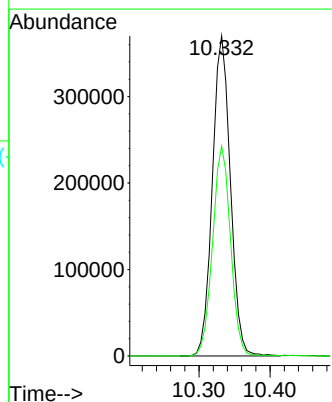
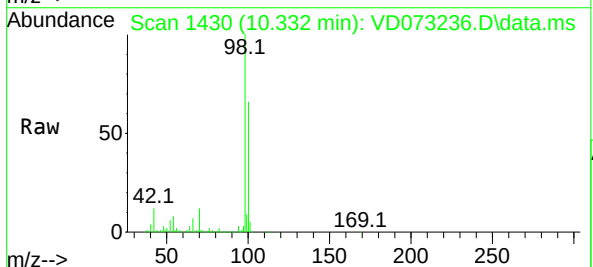


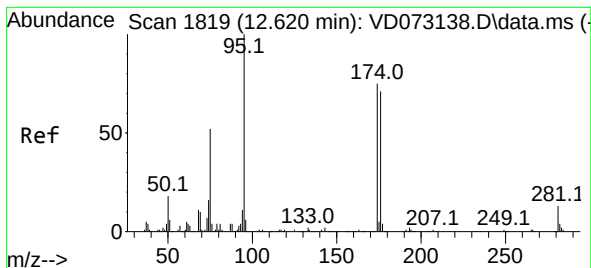
Tgt Ion:117 Resp: 31631
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.416 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

Tgt Ion: 98 Resp: 650706
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

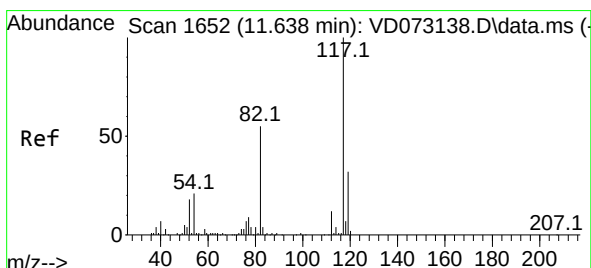
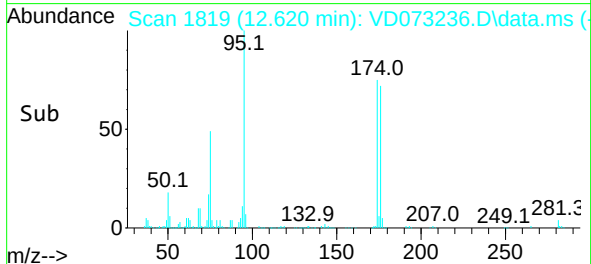
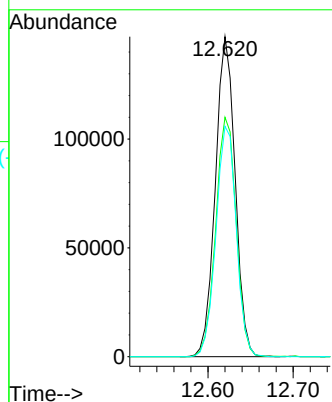
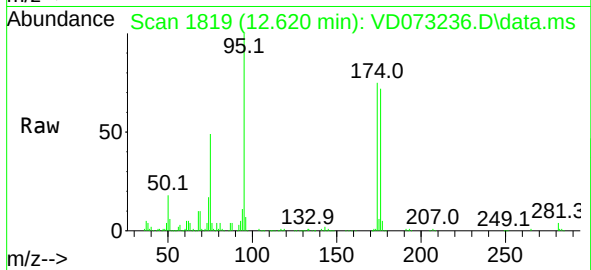




#62
4-Bromofluorobenzene
Concen: 53.487 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

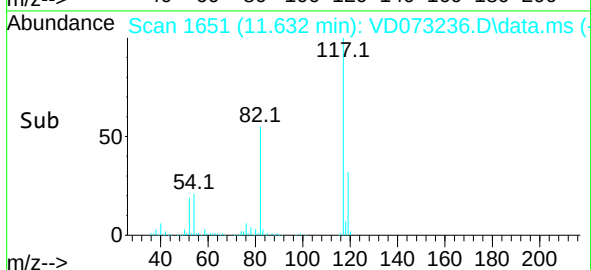
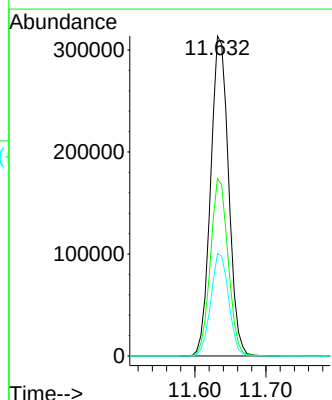
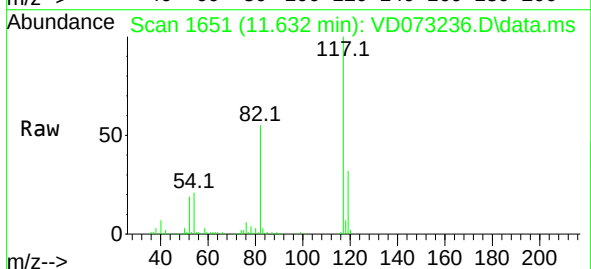
Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-0612-01

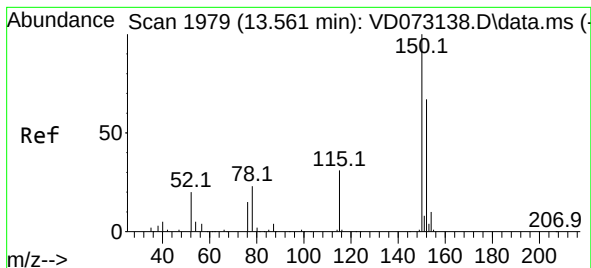
Tgt Ion: 95 Resp: 237559
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073236.D
Acq: 21 May 2022 18:22

Tgt Ion: 117 Resp: 548857
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 32.0 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073236.D

Acq: 21 May 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

P034-SS001-0612-01

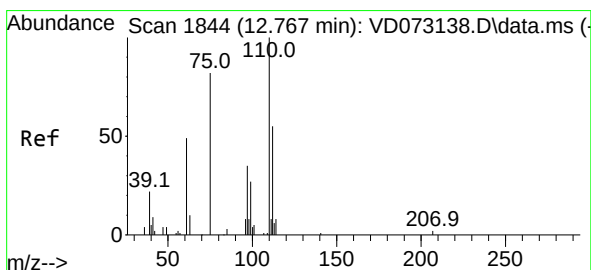
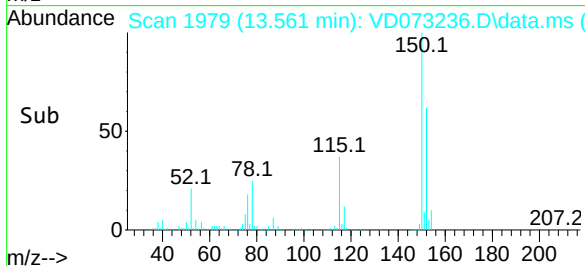
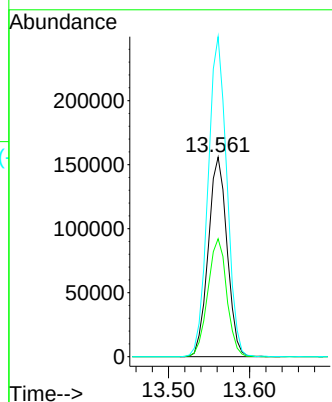
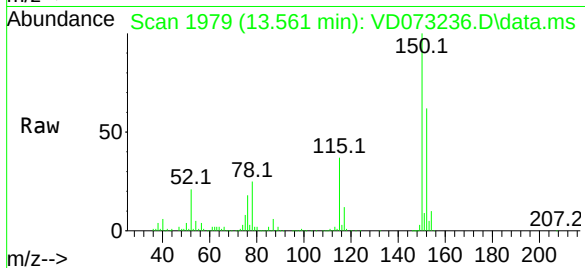
Tgt Ion:152 Resp: 250243

Ion Ratio Lower Upper

152 100

115 59.5 31.3 93.8

150 159.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.928 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073236.D

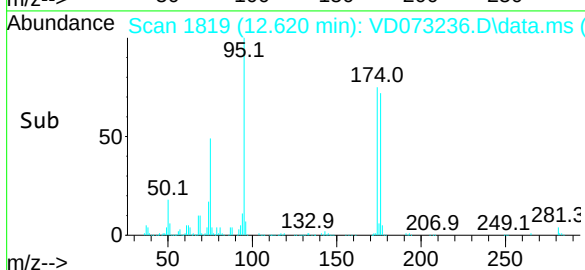
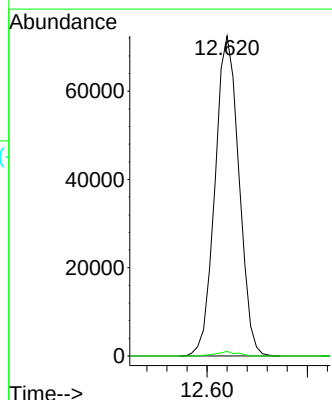
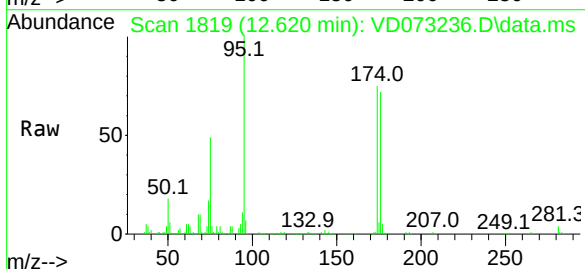
Acq: 21 May 2022 18:22

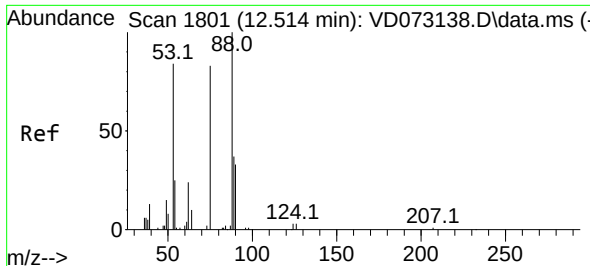
Tgt Ion: 75 Resp: 120134

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

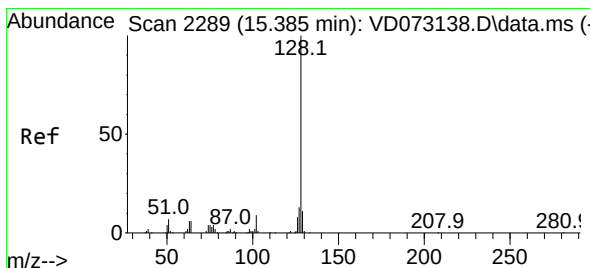
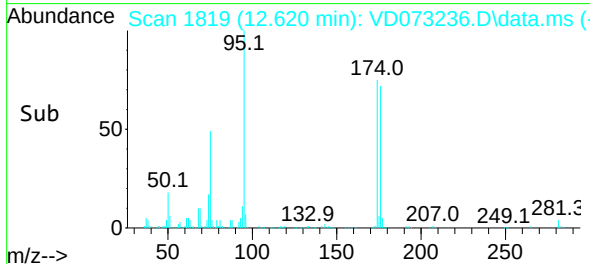
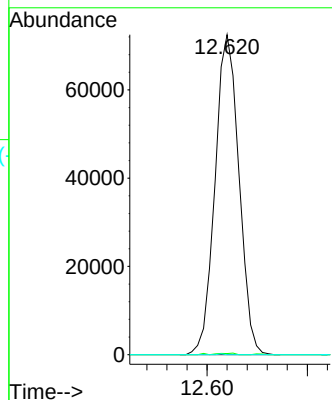
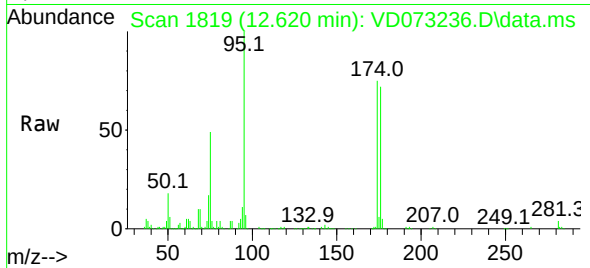




#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.461 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073236.D
 Acq: 21 May 2022 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 P034-SS001-0612-01

Tgt Ion: 75 Resp: 120134
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.5 129.7#
 89 0.1 33.9 50.9#



#95
 Naphthalene
 Concen: 3.573 ug/l
 RT: 15.385 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: VD073236.D
 Acq: 21 May 2022 18:22

Tgt Ion: 128 Resp: 274
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

