

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072951.D
 Acq On : 12 May 2022 16:52
 Operator : VA/SY
 Sample : N2782-02
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P018-SS001-1824-01

Quant Time: May 13 05:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

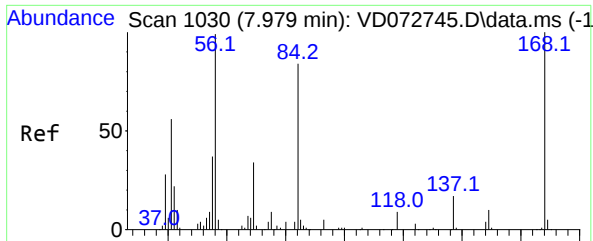
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	339012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	589195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	571166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182336	41.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.860%
35) Dibromofluoromethane	7.909	113	191515	46.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.560%
50) Toluene-d8	10.332	98	715050	48.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.620	95	247111	44.648	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.300%
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	967	Below Cal		89
11) Tert butyl alcohol	5.185	59	9702	25.481 ug/l	#	74
16) Acetone	4.150	43	4080	Below Cal		96
18) Methyl Acetate	4.821	43	56	Below Cal	#	55
20) Methylene Chloride	4.956	84	23512	Below Cal		84
25) 2-Butanone	7.209	43	1691	1.319 ug/l	#	52
31) Cyclohexane	7.967	56	7810	1.015 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	27419	4.075 ug/l	#	52
38) Carbon Tetrachloride	7.973	117	34423	4.928 ug/l	#	16
76) 1,2,3-Trichloropropane	12.620	75	130117	46.064 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130117	105.929 ug/l	#	7

(#) = 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# 1030

Delta R.T. -0.006 min

Lab File: VD072951.D

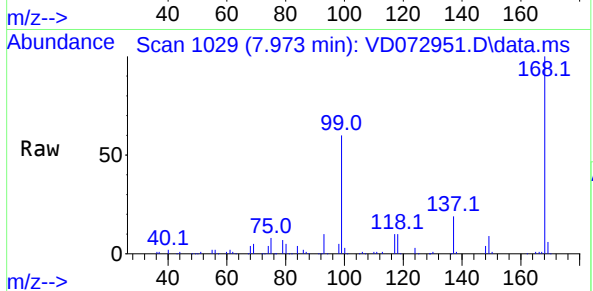
Acq: 12 May 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

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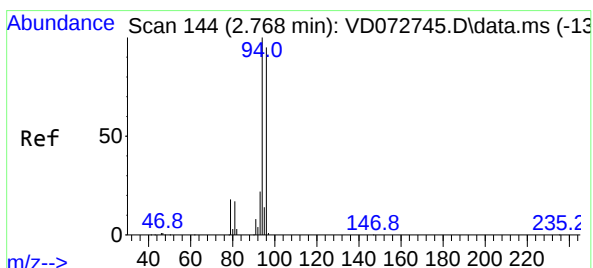
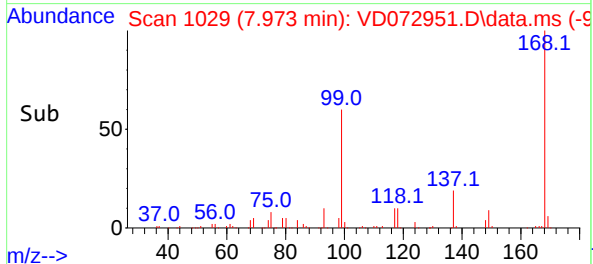
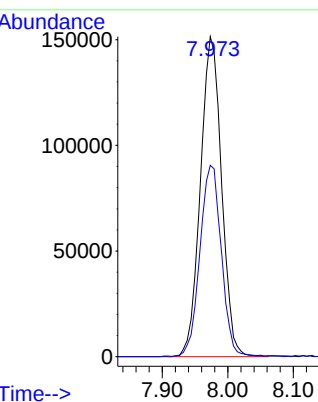


Tgt Ion:168 Resp: 339012

Ion Ratio Lower Upper

168 100

99 59.6 49.8 74.6



#5

Bromomethane

Concen: Below Cal

RT: 2.774 min Scan# 145

Delta R.T. 0.006 min

Lab File: VD072951.D

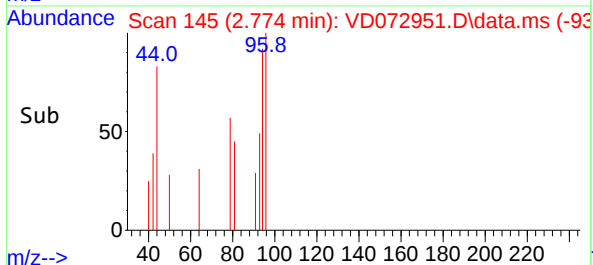
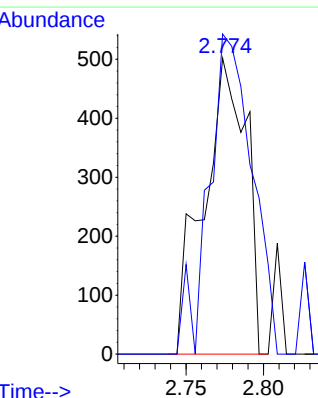
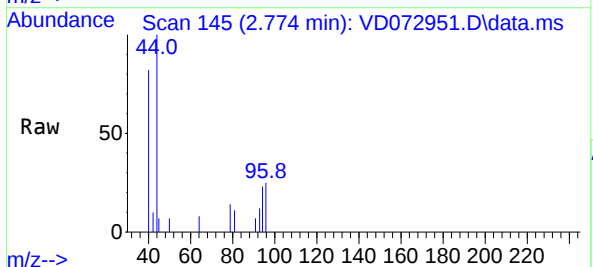
Acq: 12 May 2022 16:52

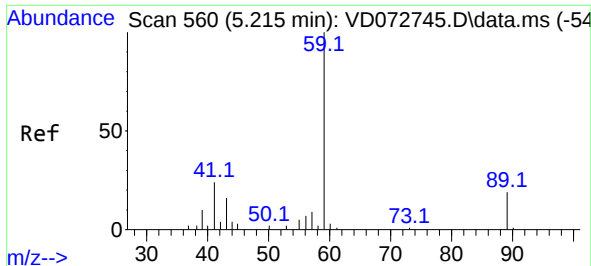
Tgt Ion: 94 Resp: 967

Ion Ratio Lower Upper

94 100

96 108.2 77.6 116.4

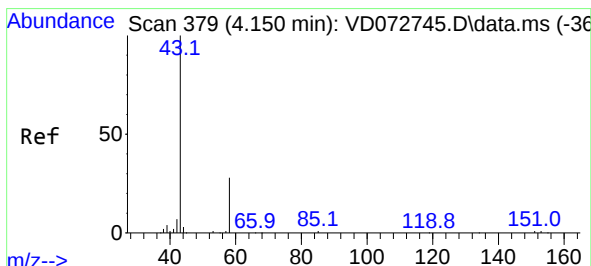
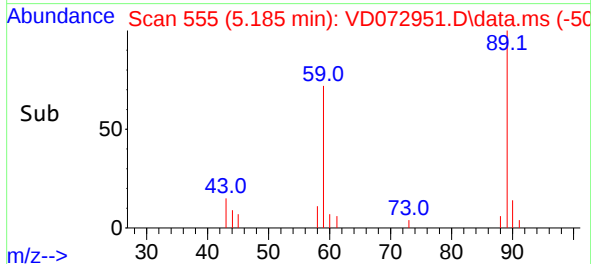
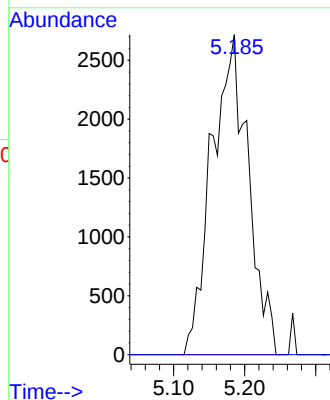
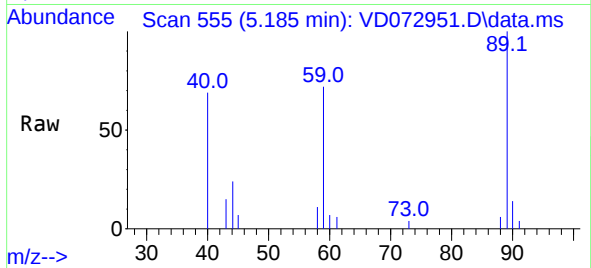




#11
Tert butyl alcohol
Concen: 25.481 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

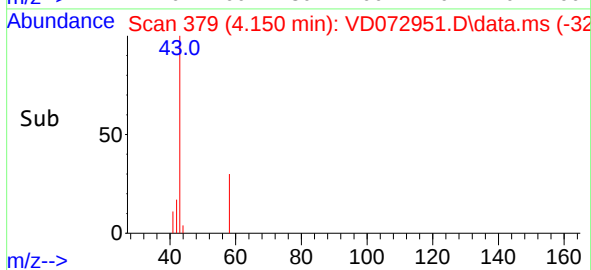
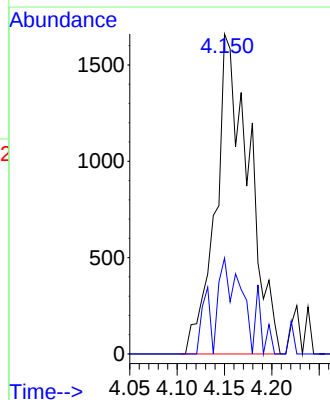
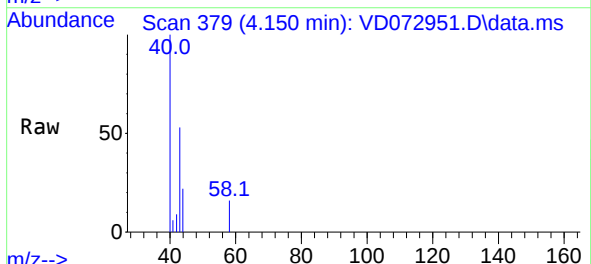
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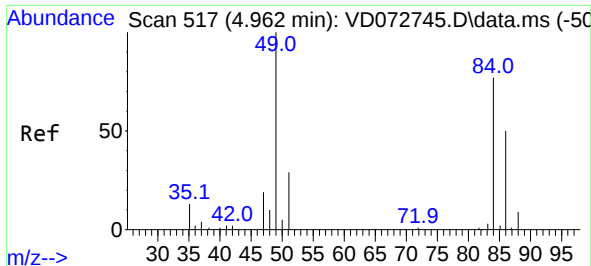
Tgt Ion: 59 Resp: 9702
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1



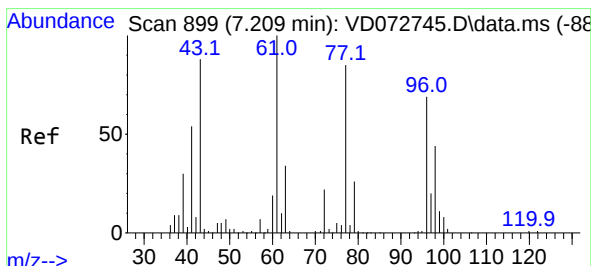
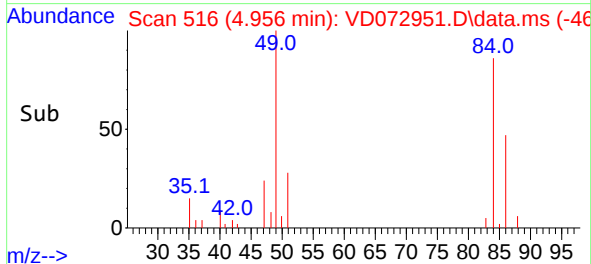
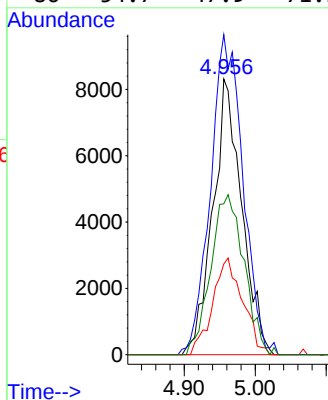
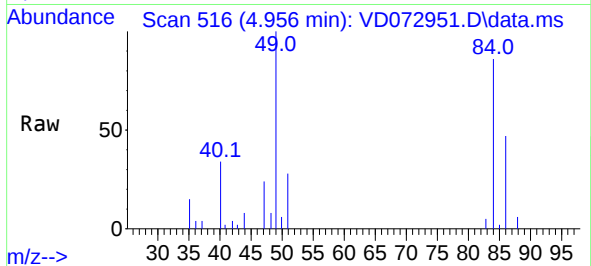


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1824-01

Tgt Ion: 84 Resp: 23512

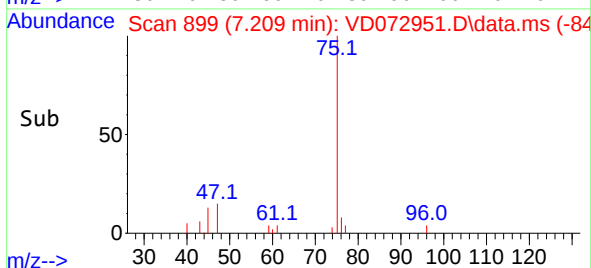
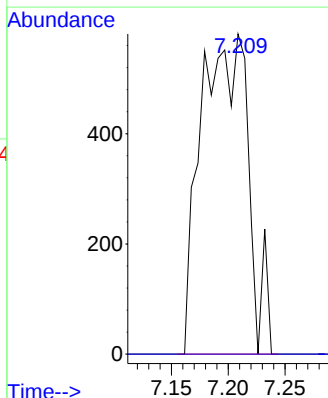
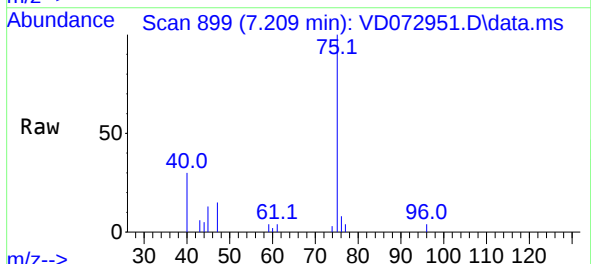
Ion	Ratio	Lower	Upper
84	100		
49	116.1	112.8	169.2
51	32.9	32.6	48.8
86	54.7	47.9	71.9

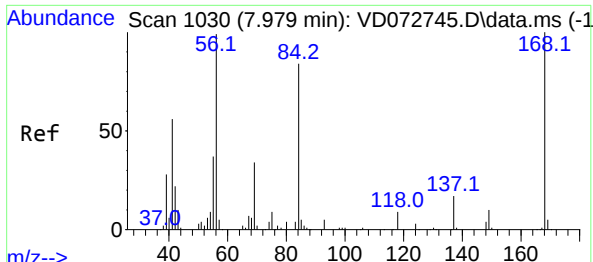


#25
2-Butanone
Concen: 1.319 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Tgt Ion: 43 Resp: 1691

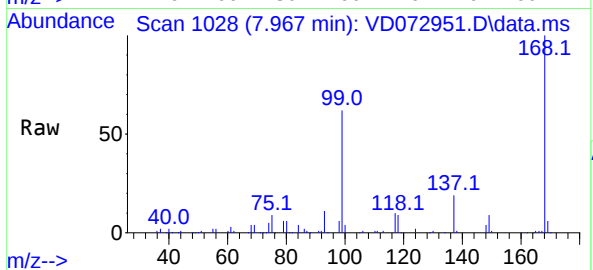
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



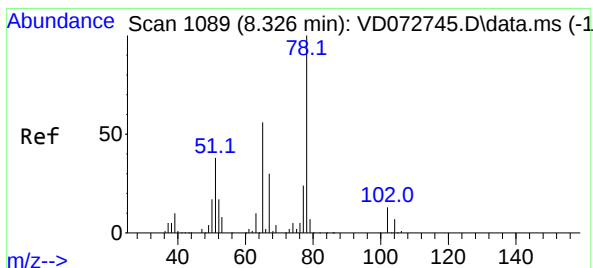
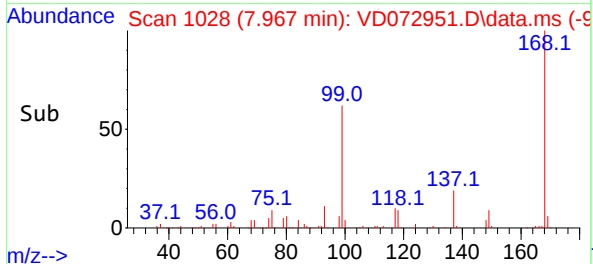
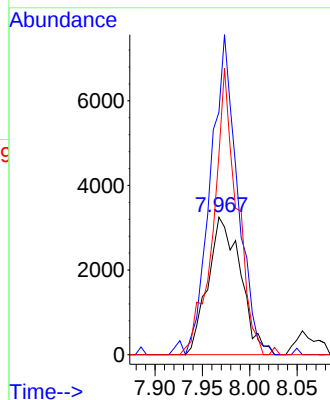


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

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P018-SS001-1824-01

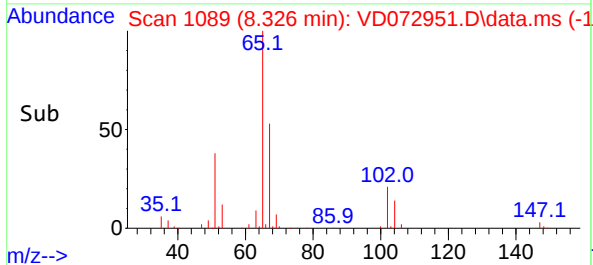
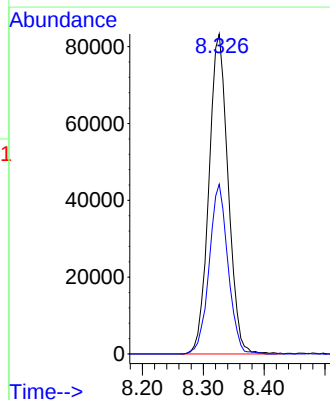
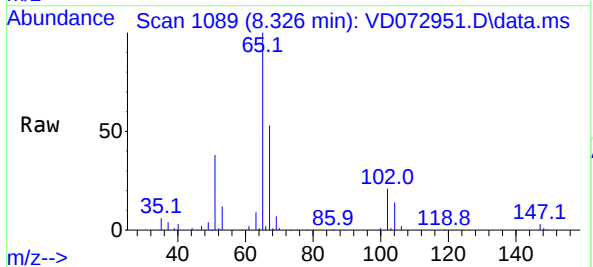


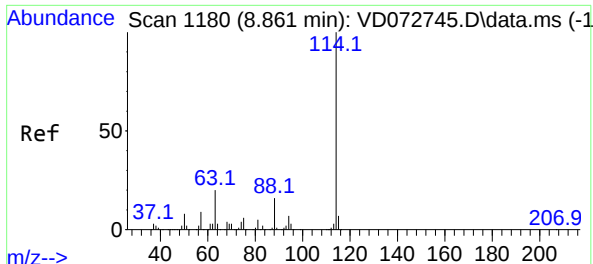
Tgt Ion: 56 Resp: 7810
Ion Ratio Lower Upper
56 100
69 176.2 25.4 38.2#
84 145.3 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 41.434 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Tgt Ion: 65 Resp: 182336
Ion Ratio Lower Upper
65 100
67 51.9 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: VD072951.D

Acq: 12 May 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

P018-SS001-1824-01

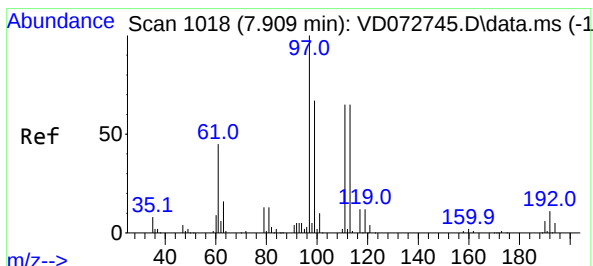
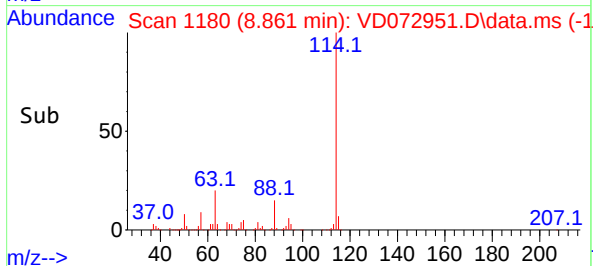
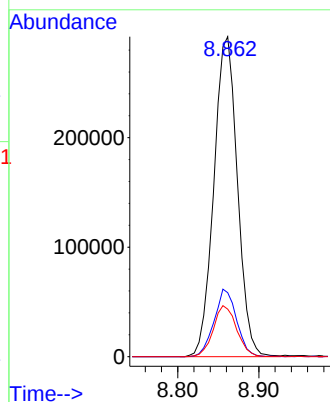
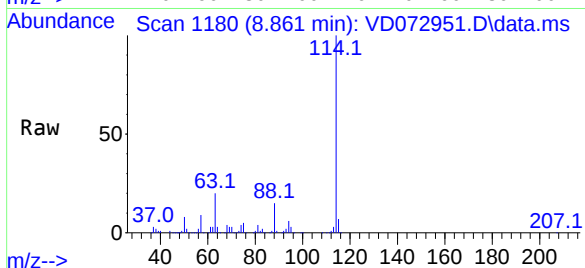
Tgt Ion:114 Resp: 589195

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.282 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072951.D

Acq: 12 May 2022 16:52

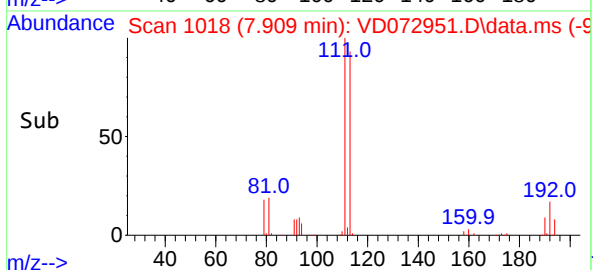
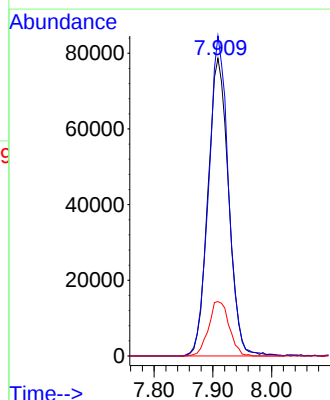
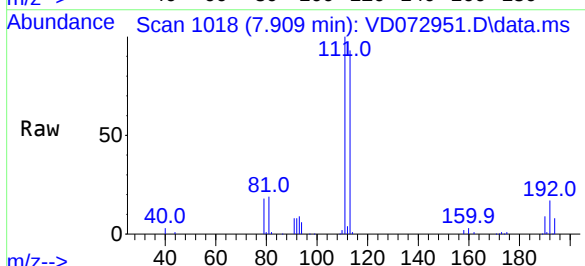
Tgt Ion:113 Resp: 191515

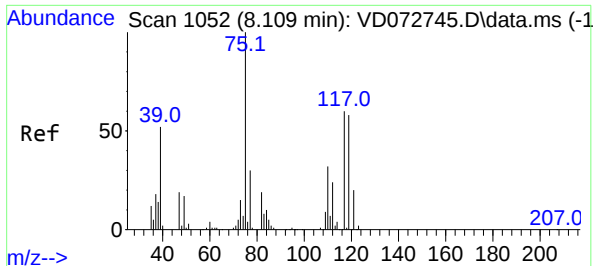
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.075 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD072951.D

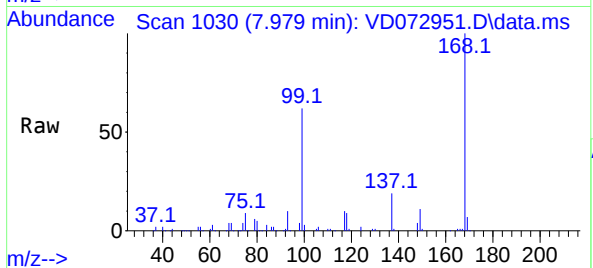
Acq: 12 May 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

P018-SS001-1824-01



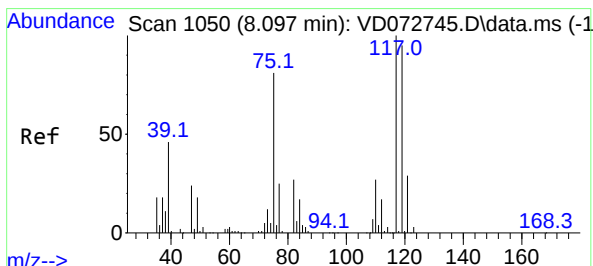
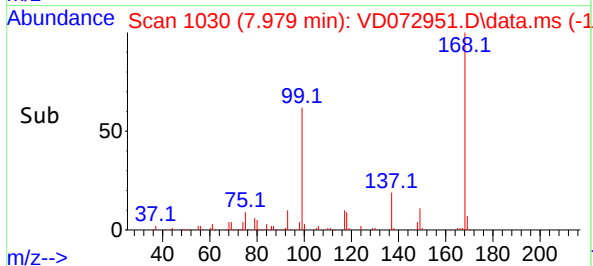
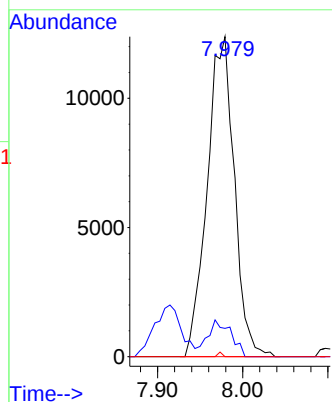
Tgt Ion: 75 Resp: 27419

Ion Ratio Lower Upper

75 100

110 9.9 16.4 49.1#

77 0.2 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.928 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072951.D

Acq: 12 May 2022 16:52

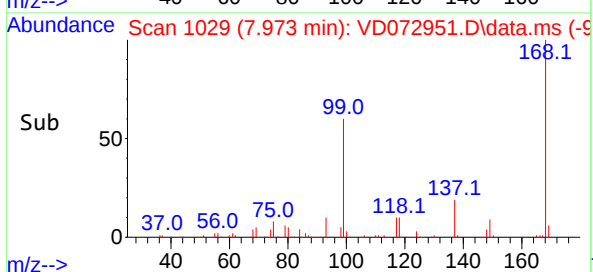
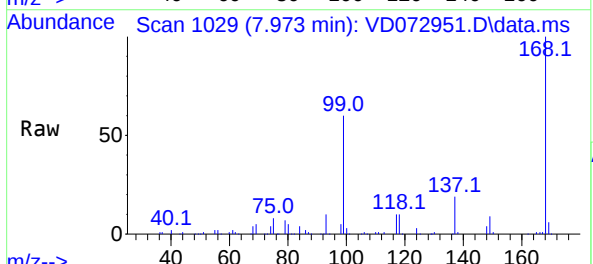
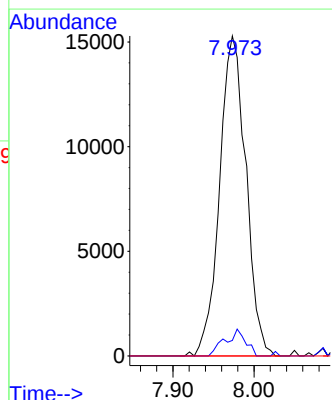
Tgt Ion: 117 Resp: 34423

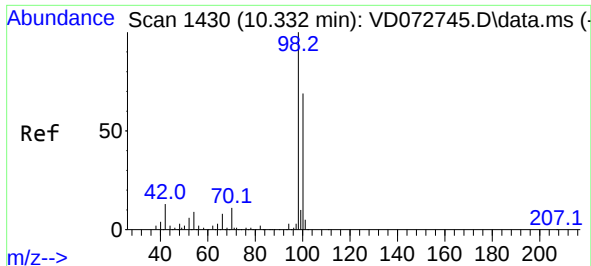
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.5 36.7#

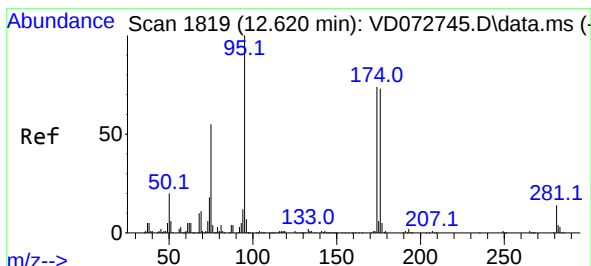
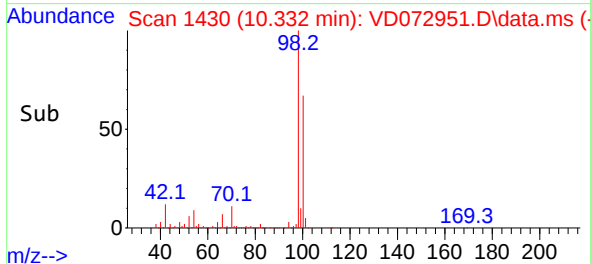
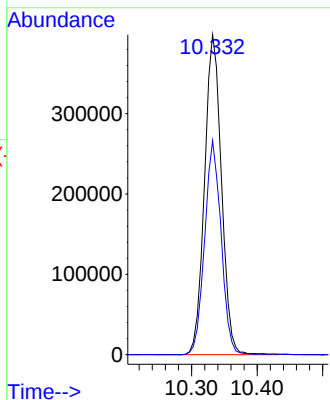
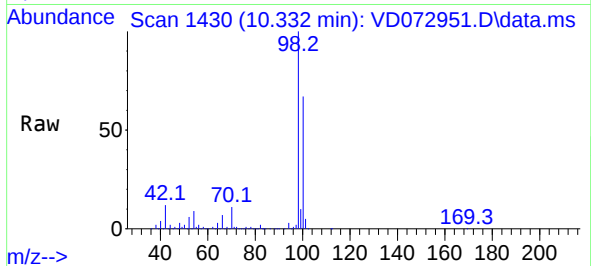




#50
Toluene-d8
Concen: 48.173 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

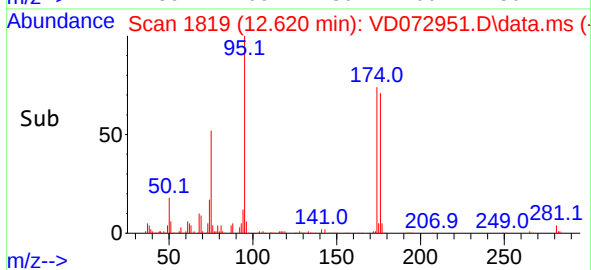
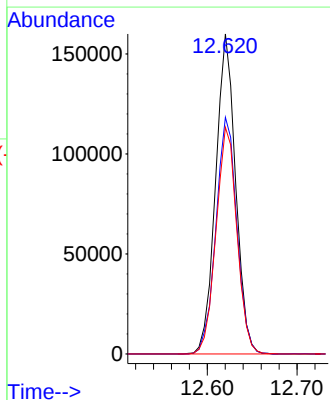
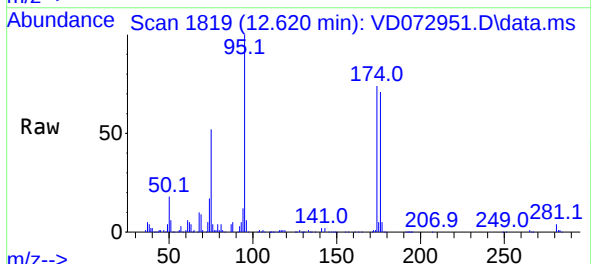
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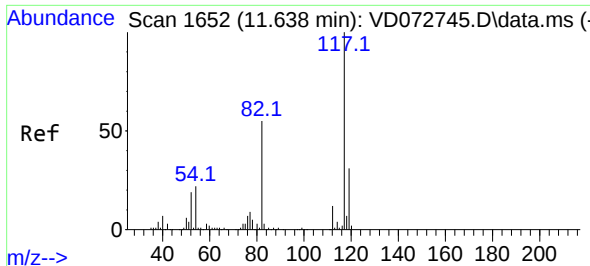
Tgt Ion: 98 Resp: 715050
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.648 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

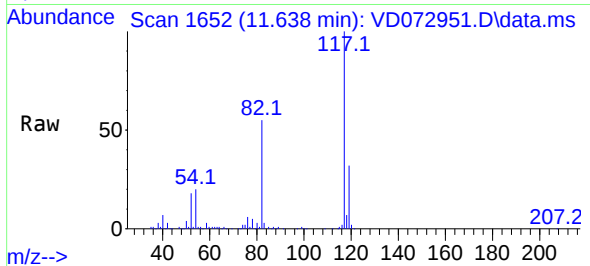
Tgt Ion: 95 Resp: 247111
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.9 0.0 145.4



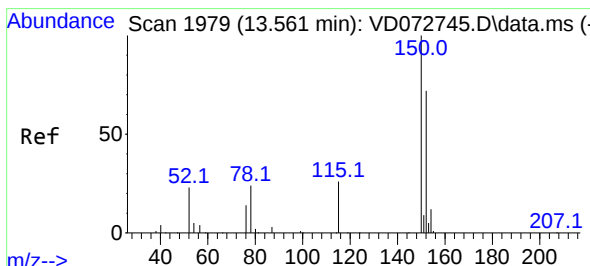
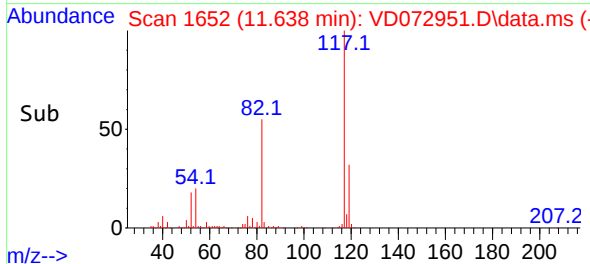
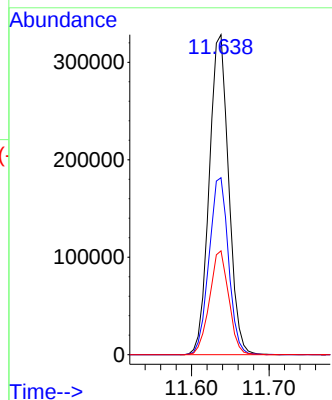


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1824-01

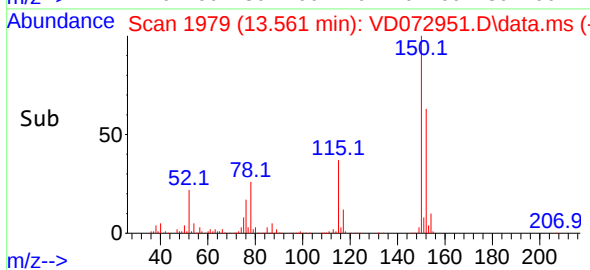
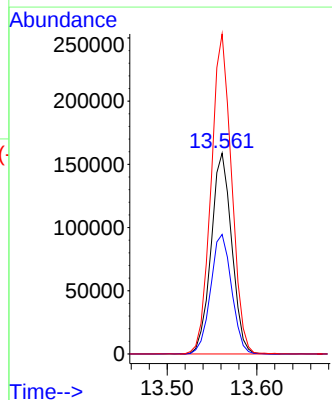
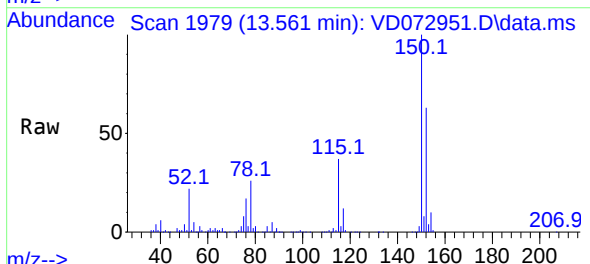


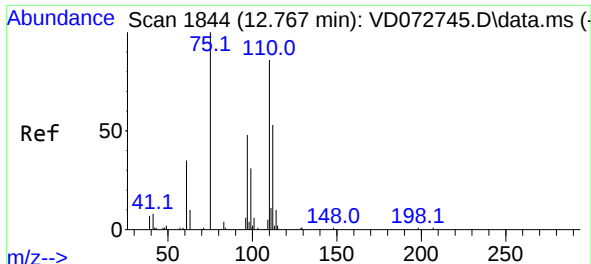
Tgt Ion:117 Resp: 571166
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Tgt Ion:152 Resp: 253321
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 158.1 0.0 348.6

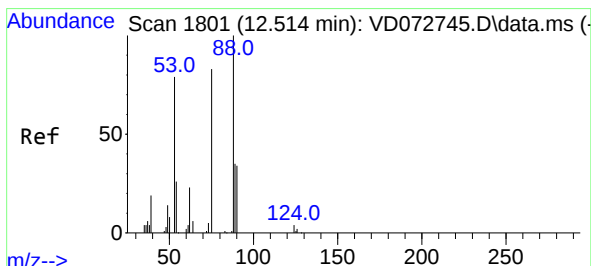
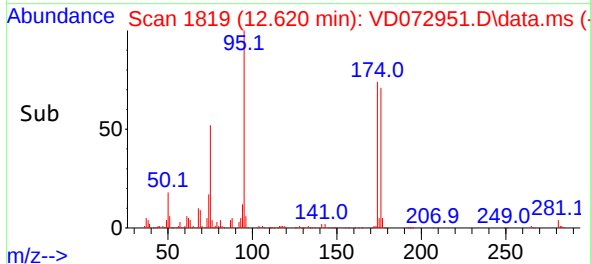
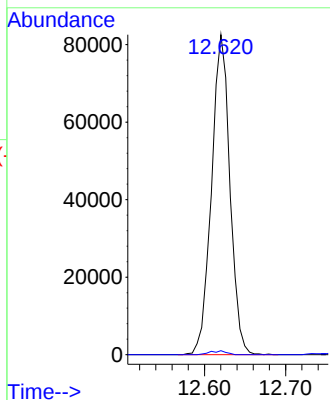
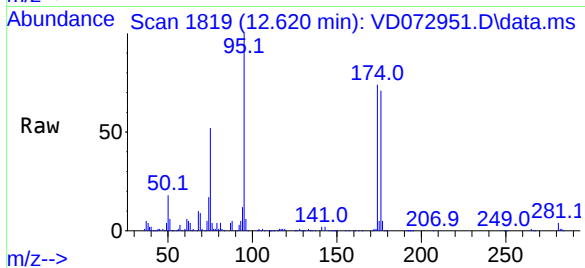




#76
1,2,3-Trichloropropane
Concen: 46.064 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1824-01

Tgt Ion: 75 Resp: 130117
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.929 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072951.D
Acq: 12 May 2022 16:52

Tgt Ion: 75 Resp: 130117
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

