

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072950.D
 Acq On : 12 May 2022 16:23
 Operator : VA/SY
 Sample : N2782-01
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P018-SS001-1218-01

Quant Time: May 13 05:55:55 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

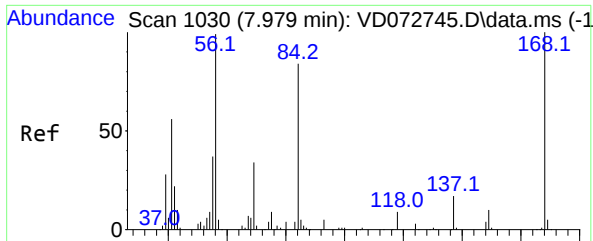
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	335989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	594518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	582097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184468	42.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.600%
35) Dibromofluoromethane	7.909	113	198832	47.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.332	98	724504	48.373	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.620	95	255796	45.803	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.600%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1038	Below Cal		86
11) Tert butyl alcohol	5.173	59	10363	27.462 ug/l	#	74
16) Acetone	4.162	43	4141	Below Cal	#	89
18) Methyl Acetate	4.932	43	54	Below Cal	#	55
20) Methylene Chloride	4.956	84	27200	Below Cal	#	80
31) Cyclohexane	7.967	56	8653	1.135 ug/l	#	1
38) Carbon Tetrachloride	7.973	117	36908	5.237 ug/l	#	16
76) 1,2,3-Trichloropropane	12.620	75	130984	44.934 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130984	103.330 ug/l	#	7

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

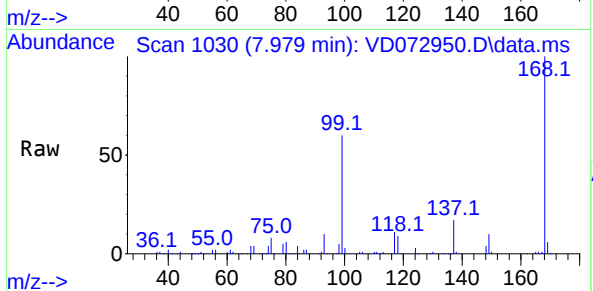
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



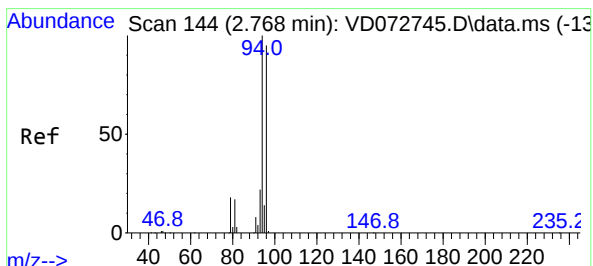
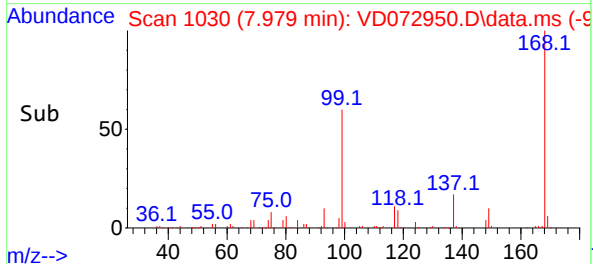
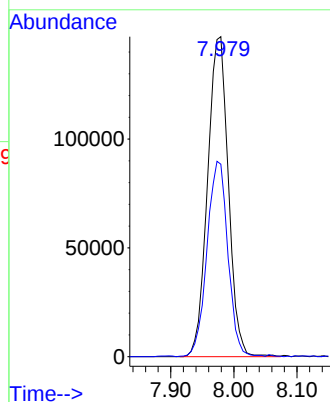


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1218-01

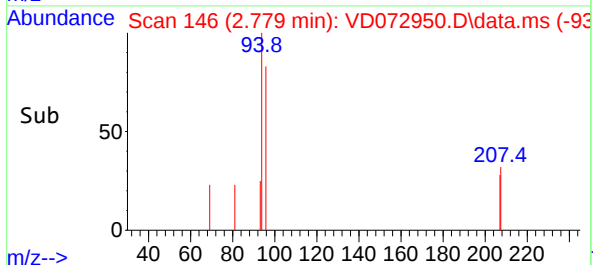
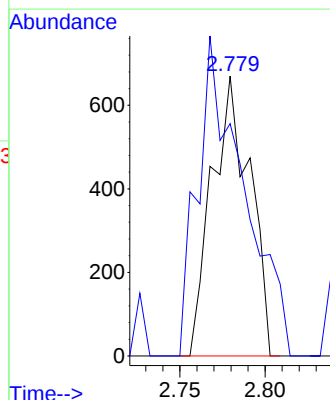
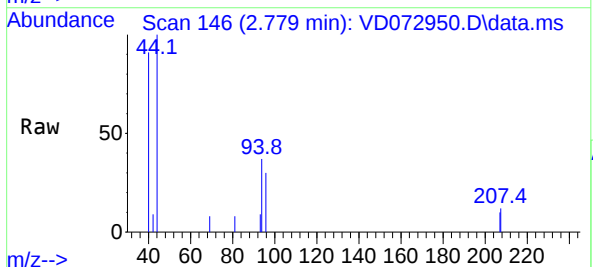


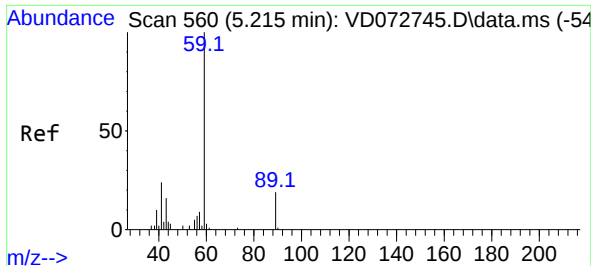
Tgt Ion:168 Resp: 335989
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion: 94 Resp: 1038
Ion Ratio Lower Upper
94 100
96 83.0 77.6 116.4





#11

Tert butyl alcohol

Concen: 27.462 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD072950.D

Acq: 12 May 2022 16:23

Instrument :

MSVOA_D

ClientSampleId :

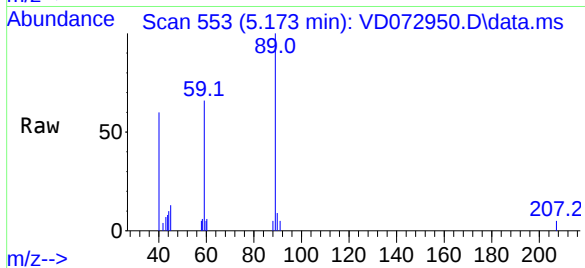
P018-SS001-1218-01

Tgt Ion: 59 Resp: 10363

Ion Ratio Lower Upper

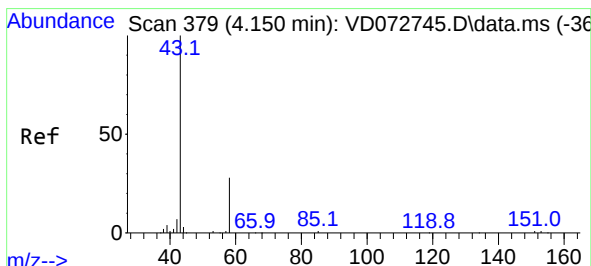
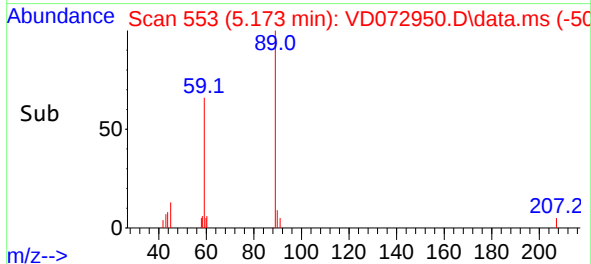
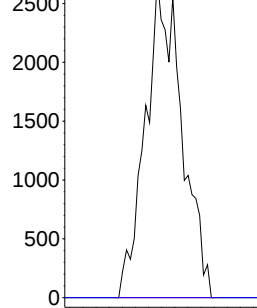
59 100

57 0.0 7.8 11.6#



Abundance

5.173



#16

Acetone

Concen: Below Cal

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD072950.D

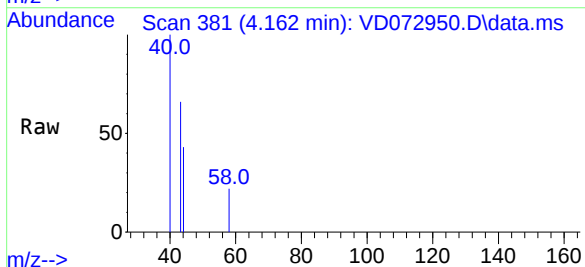
Acq: 12 May 2022 16:23

Tgt Ion: 43 Resp: 4141

Ion Ratio Lower Upper

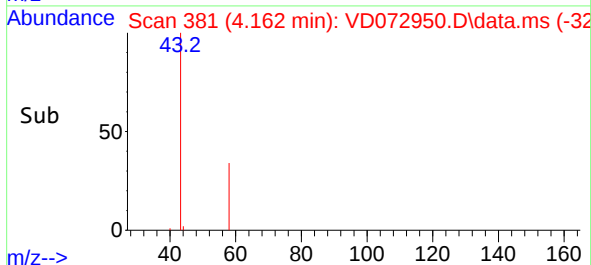
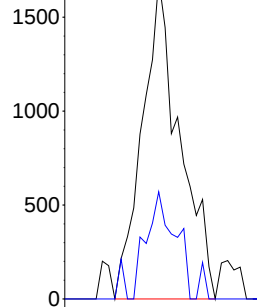
43 100

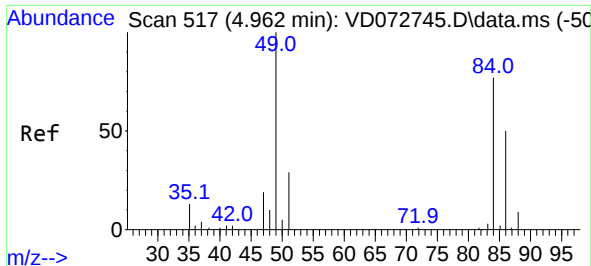
58 33.5 22.1 33.1#



Abundance

4.162



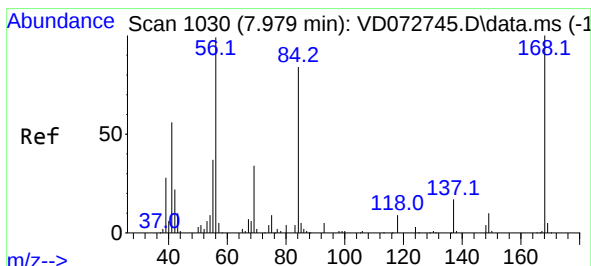
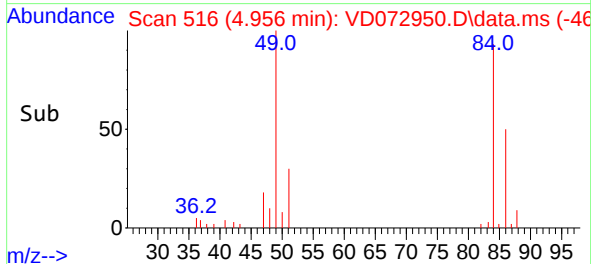
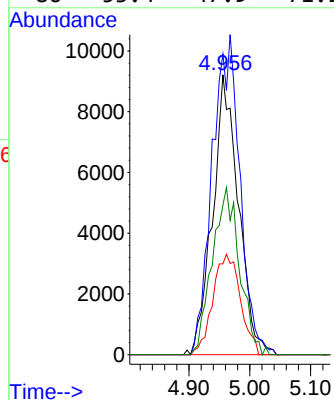
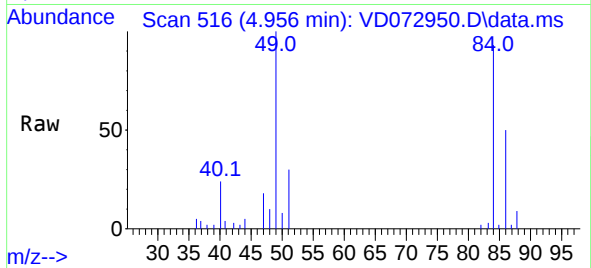


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1218-01

Tgt Ion: 84 Resp: 27200

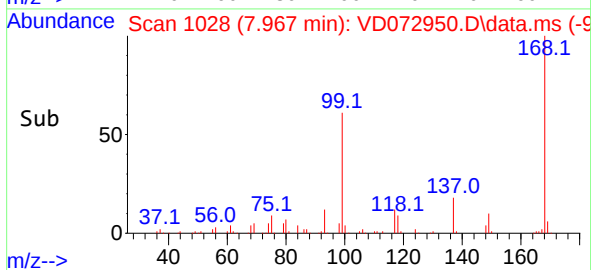
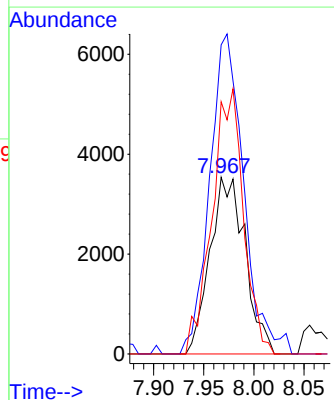
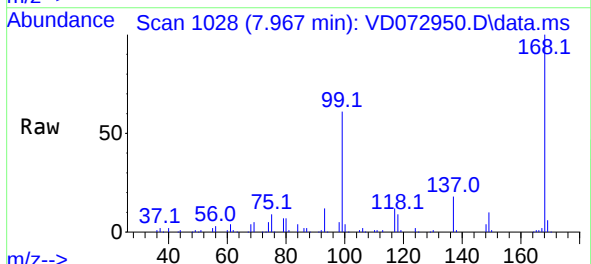
Ion	Ratio	Lower	Upper
84	100		
49	107.4	112.8	169.2#
51	32.5	32.6	48.8#
86	53.4	47.9	71.9

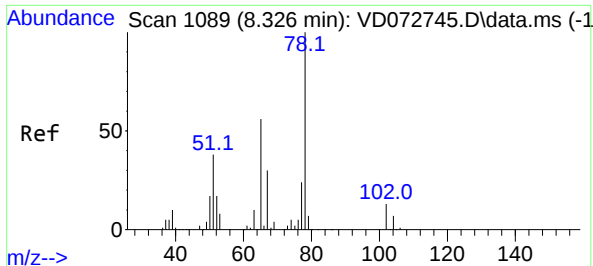


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion: 56 Resp: 8653

Ion	Ratio	Lower	Upper
56	100		
69	175.0	25.4	38.2#
84	142.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.296 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072950.D

Acq: 12 May 2022 16:23

Instrument :

MSVOA_D

ClientSampleId :

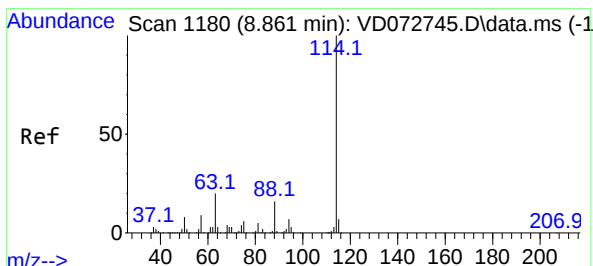
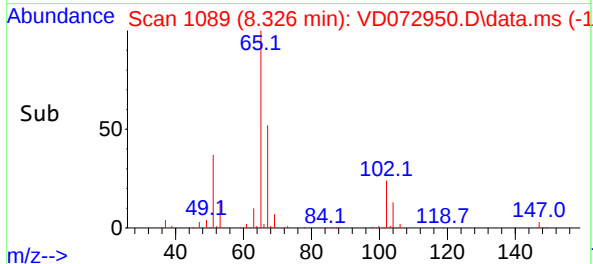
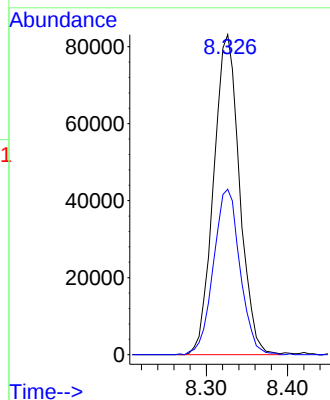
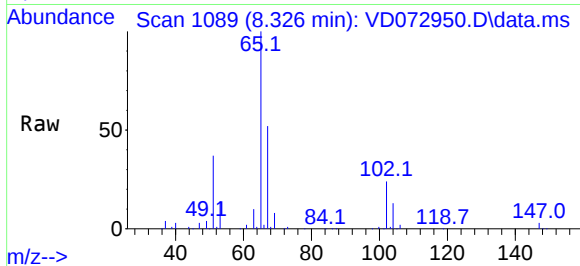
P018-SS001-1218-01

Tgt Ion: 65 Resp: 184468

Ion Ratio Lower Upper

65 100

67 52.9 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: VD072950.D

Acq: 12 May 2022 16:23

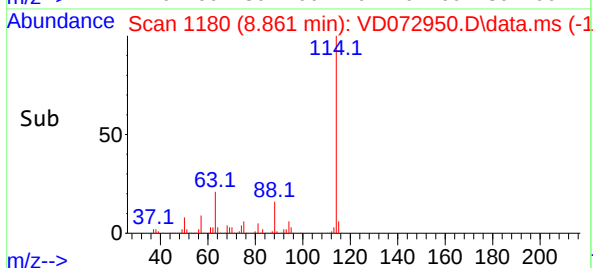
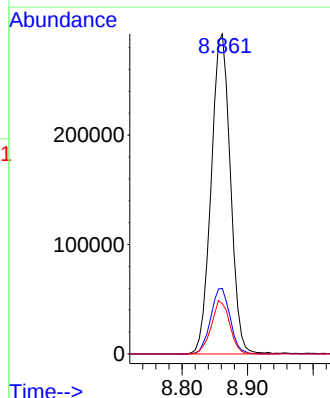
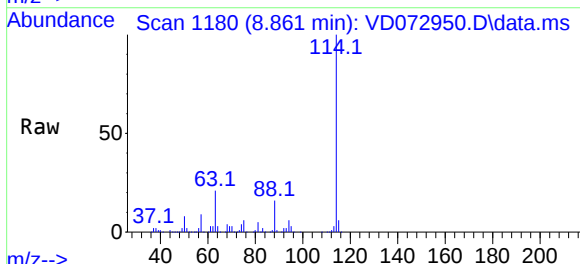
Tgt Ion: 114 Resp: 594518

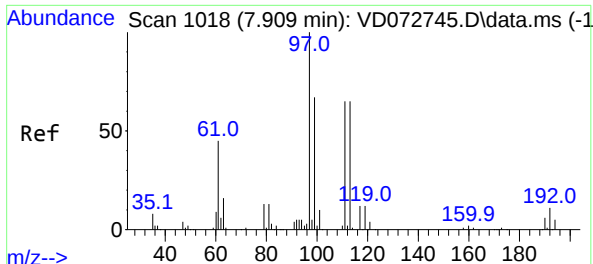
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.8 0.0 33.2

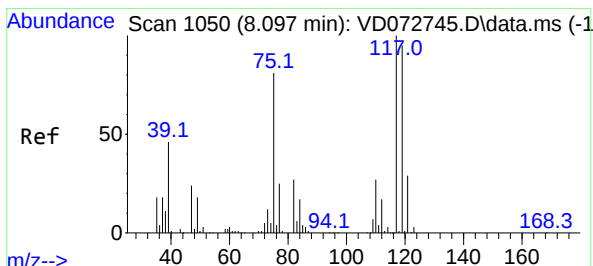
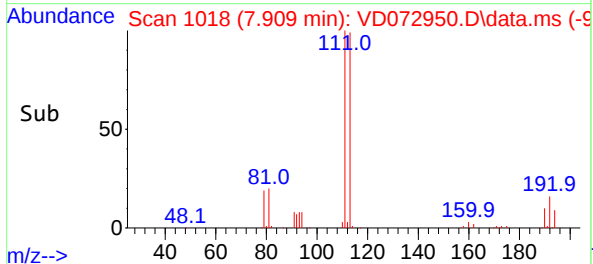
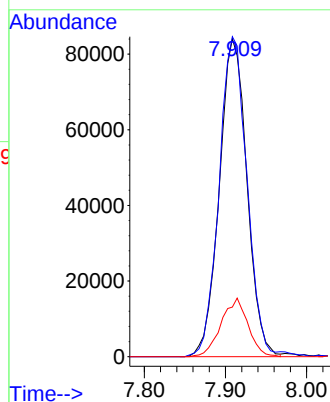
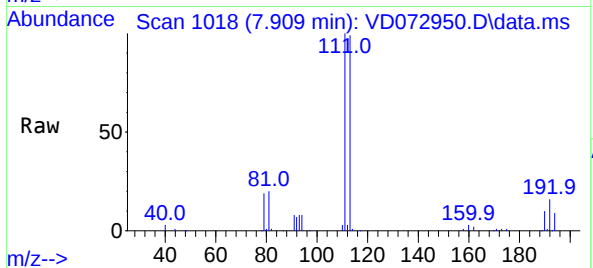




#35
Dibromofluoromethane
Concen: 47.620 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

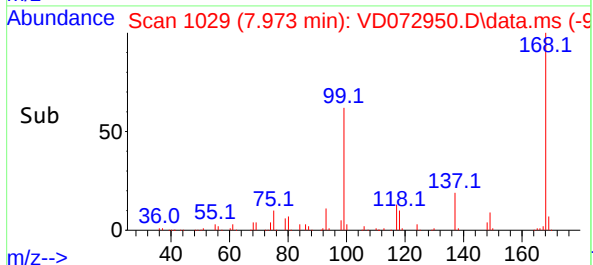
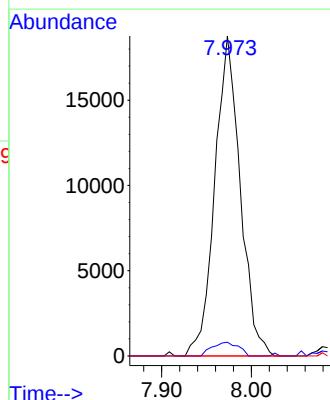
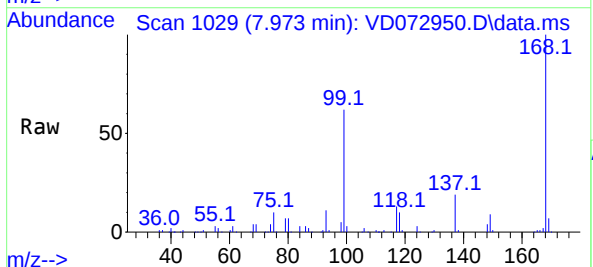
Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1218-01

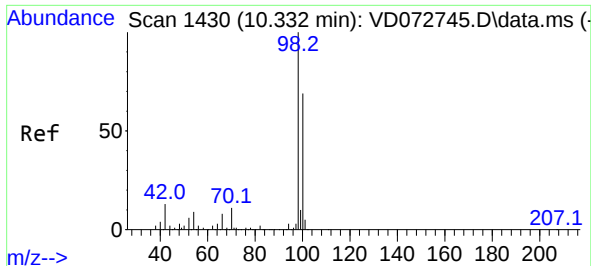
Tgt Ion:113 Resp: 198832
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 17.9 14.6 21.8



#38
Carbon Tetrachloride
Concen: 5.237 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion:117 Resp: 36908
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#

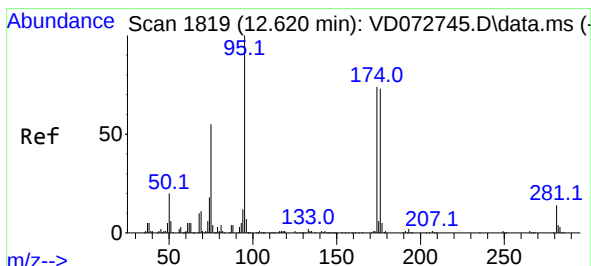
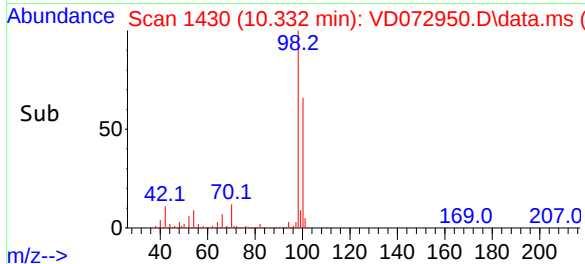
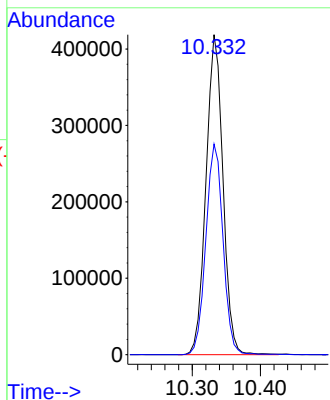
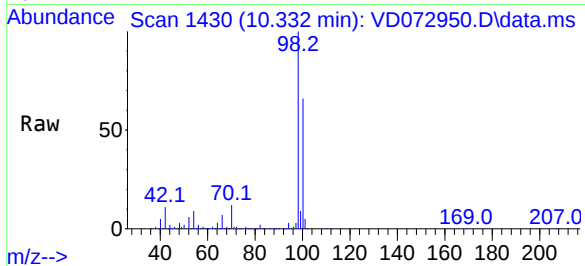




#50
Toluene-d8
Concen: 48.373 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

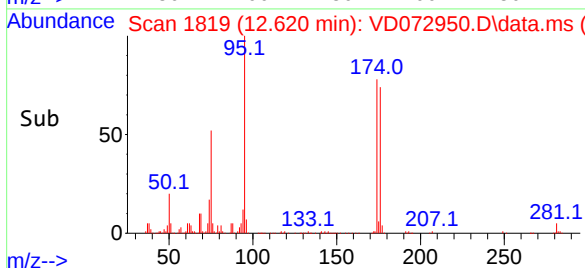
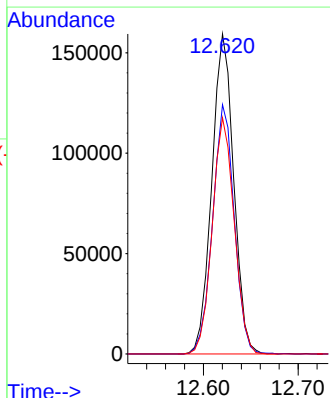
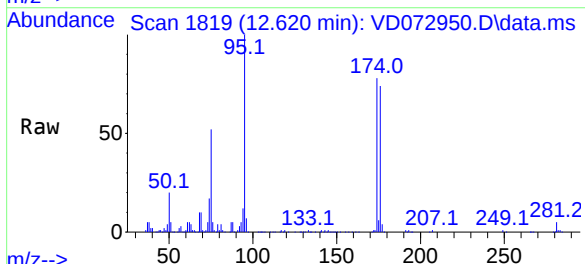
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ClientSampleId :
P018-SS001-1218-01

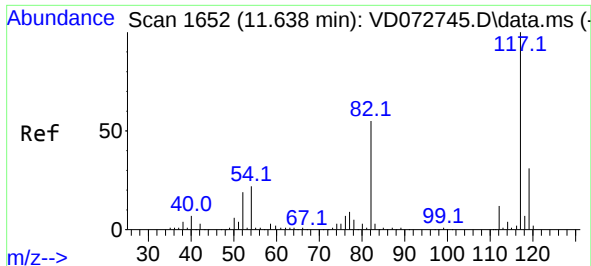
Tgt Ion: 98 Resp: 724504
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.803 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion: 95 Resp: 255796
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.0 0.0 145.4

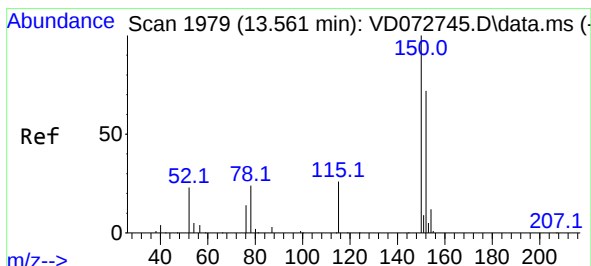
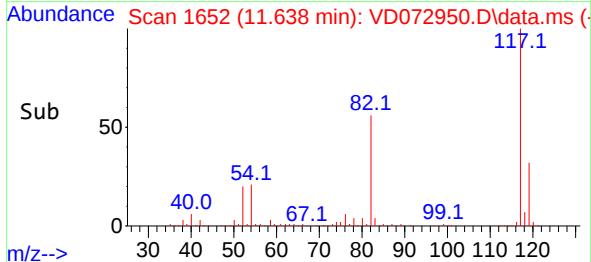
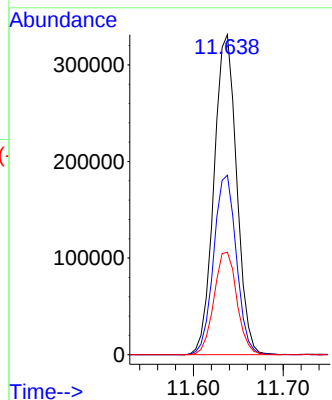
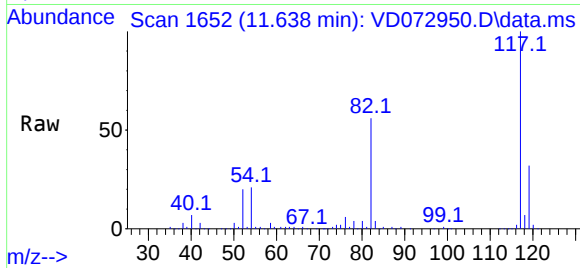




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

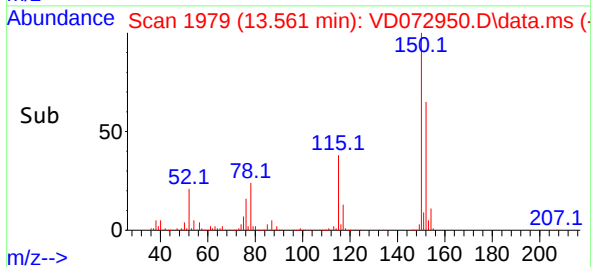
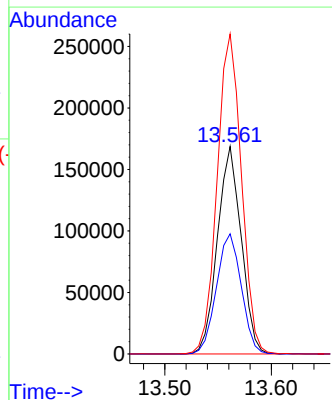
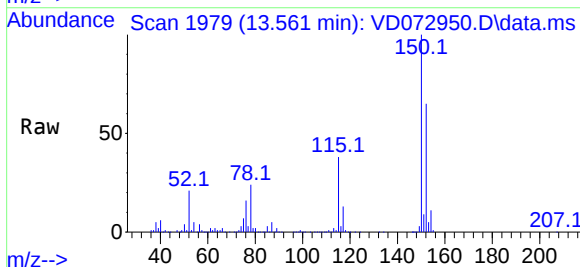
Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1218-01

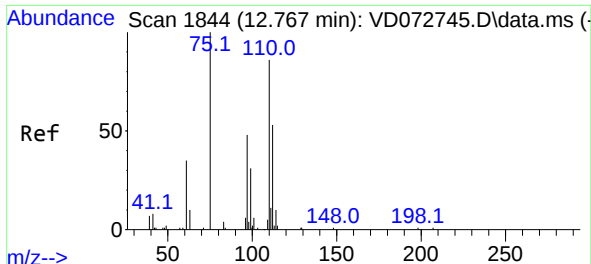
Tgt Ion:117 Resp: 582097
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion:152 Resp: 261421
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.5 0.0 348.6

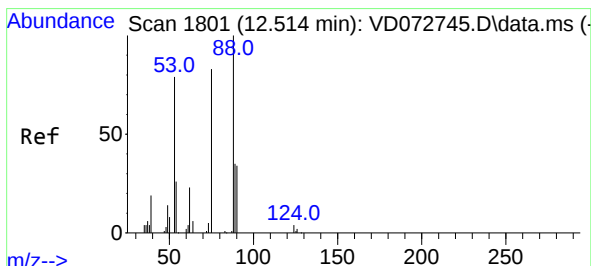
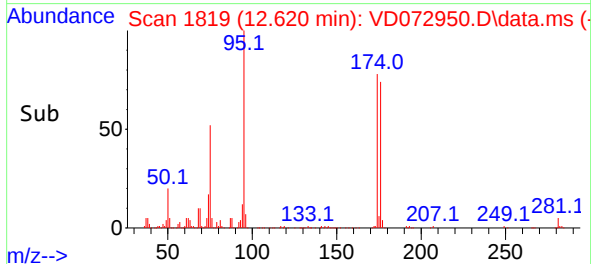
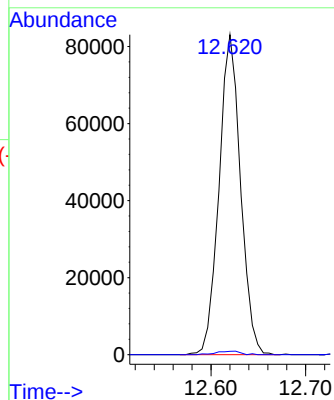
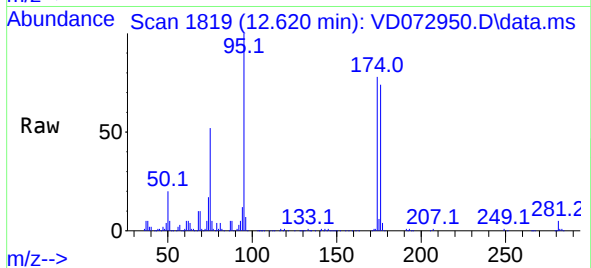




#76
1,2,3-Trichloropropane
Concen: 44.934 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-1218-01

Tgt Ion: 75 Resp: 130984
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.330 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072950.D
Acq: 12 May 2022 16:23

Tgt Ion: 75 Resp: 130984
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#

