

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072102.D
 Acq On : 25 Feb 2022 16:04
 Operator : VA/SY
 Sample : N1655-07
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REMOTE-1

Quant Time: Feb 26 05:42:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

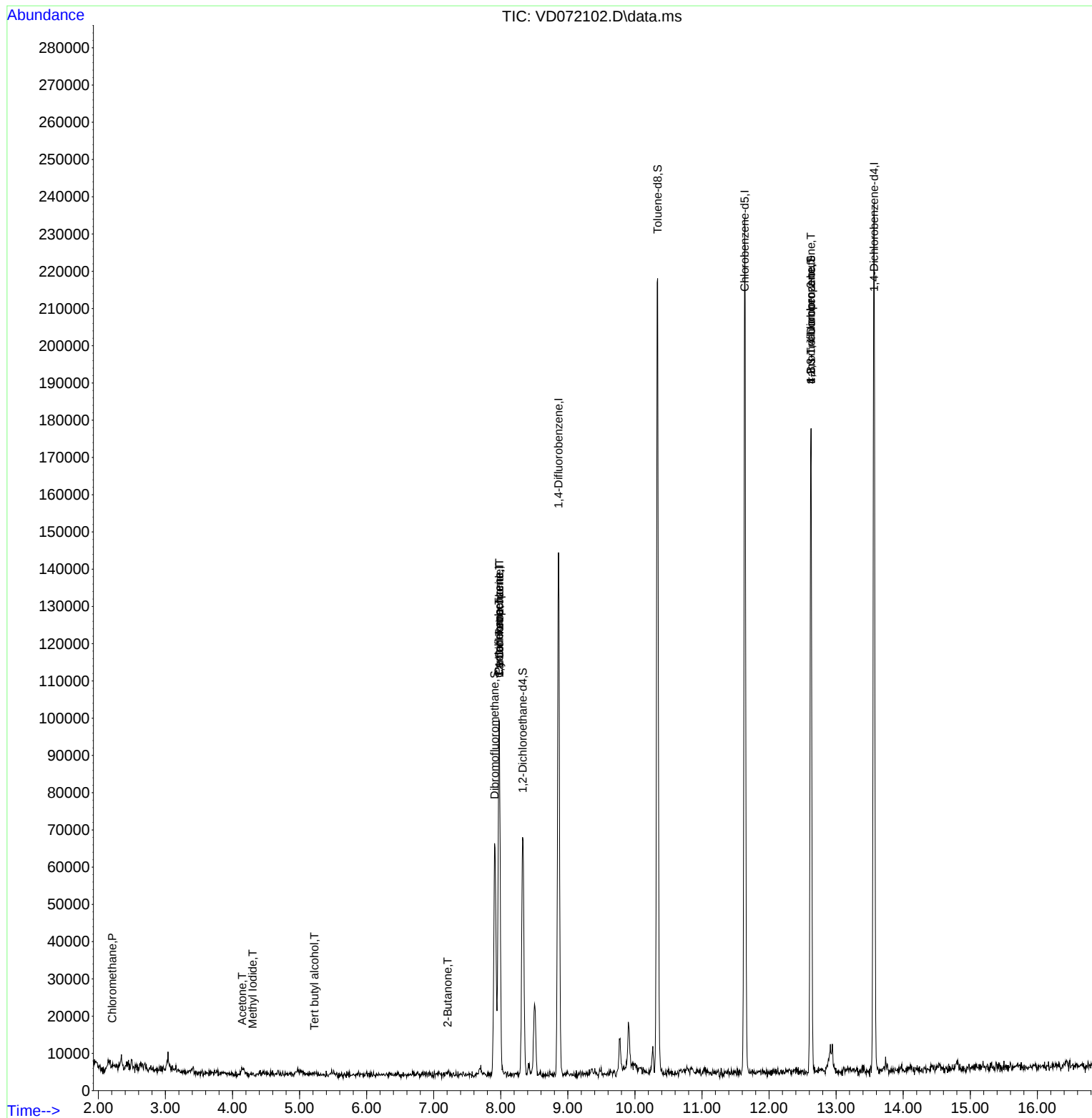
Internal Standards						
1) Pentafluorobenzene	7.973	168	70541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	116332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	128378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	62868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	54297	74.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.400%	
35) Dibromofluoromethane	7.908	113	44254	62.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.580%	
50) Toluene-d8	10.337	98	147109	56.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.560%	
62) 4-Bromofluorobenzene	12.626	95	59110	61.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.208	50	513	1.124	ug/l #	43
5) Bromomethane	2.785	94	375	Below Cal	#	68
10) Methyl Iodide	4.302	142	61	2.996	ug/l #	1
11) Tert butyl alcohol	5.220	59	1357	32.503	ug/l #	80
16) Acetone	4.144	43	2677	16.928	ug/l	89
18) Methyl Acetate	4.802	43	56	Below Cal	#	52
25) 2-Butanone	7.208	43	247	1.130	ug/l #	50
31) Cyclohexane	7.973	56	1906	1.475	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	5877	5.505	ug/l #	48
38) Carbon Tetrachloride	7.979	117	7107	6.495	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	29557	49.634	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	29557	124.294	ug/l #	10

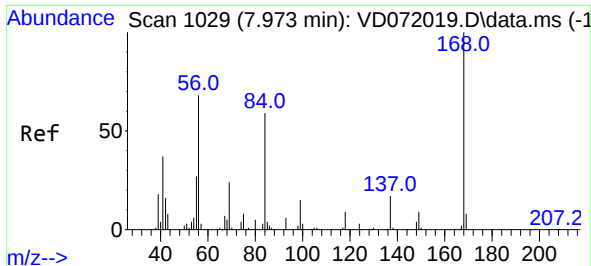
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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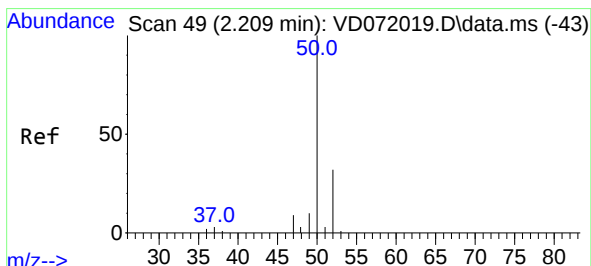
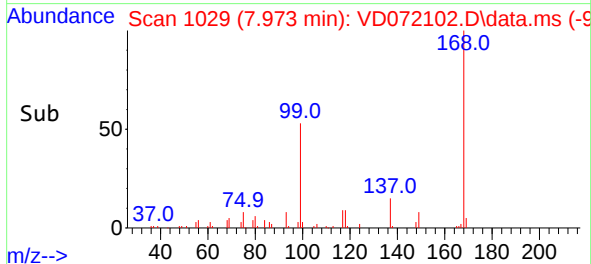
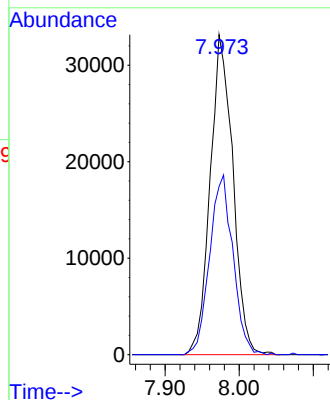
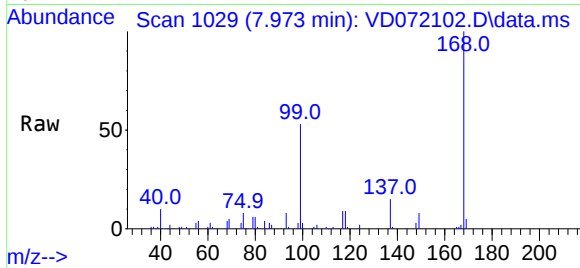




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

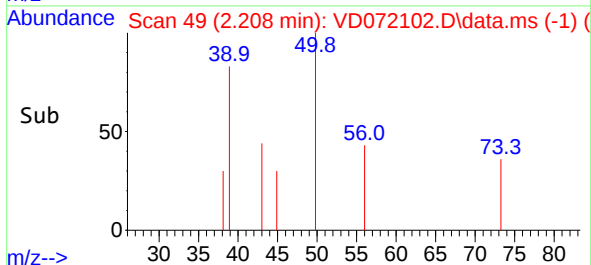
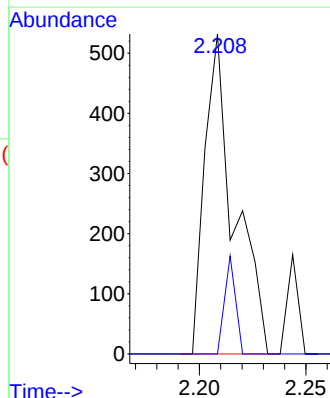
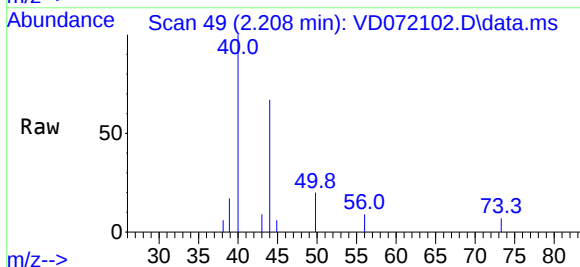
Instrument :
MSVOA_D
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REMOTE-1

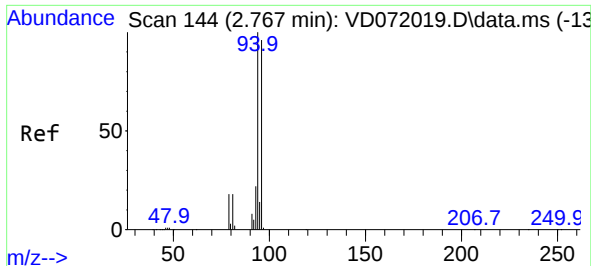
Tgt Ion:168 Resp: 70541
Ion Ratio Lower Upper
168 100
99 52.6 47.1 70.7



#3
Chloromethane
Concen: 1.124 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

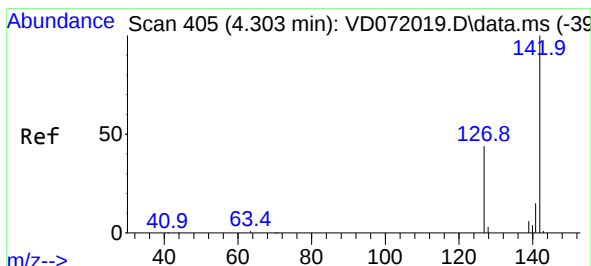
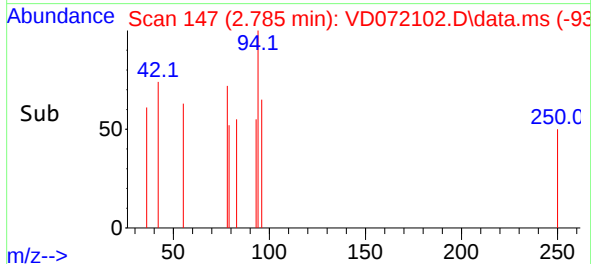
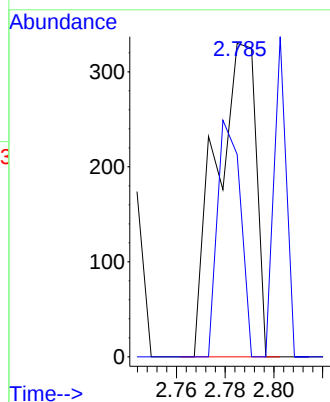
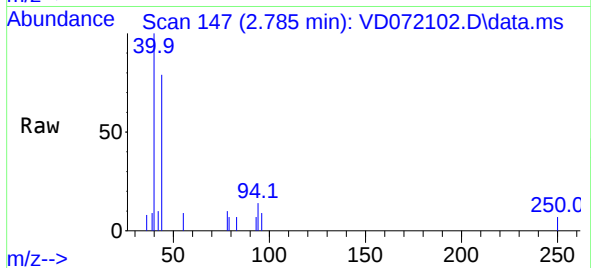




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 144
Delta R.T. 0.018 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

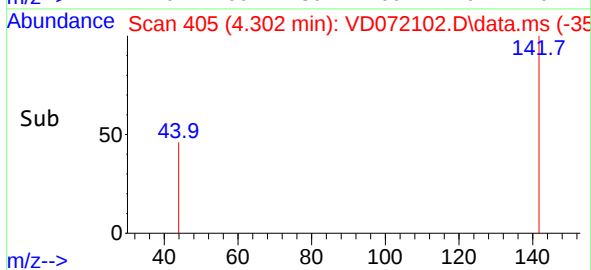
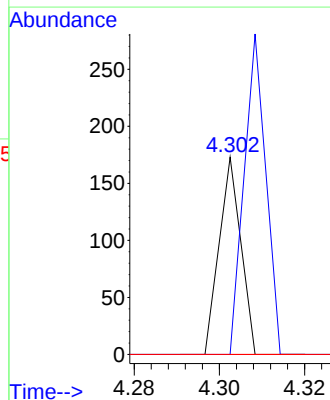
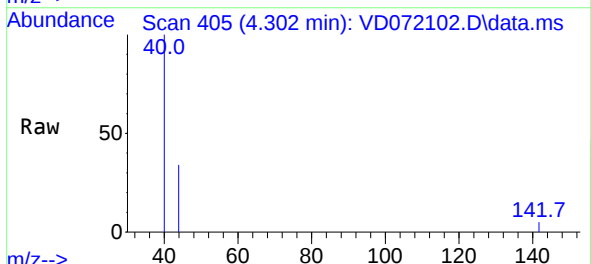
Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

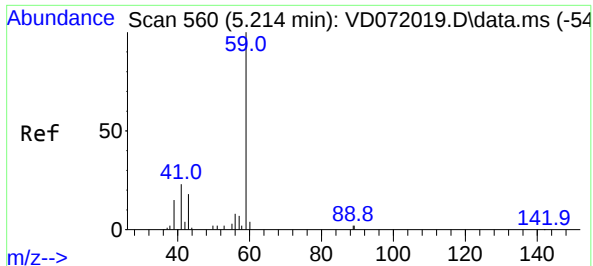
Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 64.5 76.8 115.2#



#10
Methyl Iodide
Concen: 2.996 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 142 Resp: 61
Ion Ratio Lower Upper
142 100
127 162.3 35.8 53.8#
141 0.0 11.6 17.4#

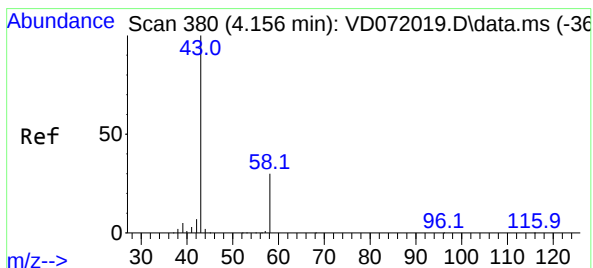
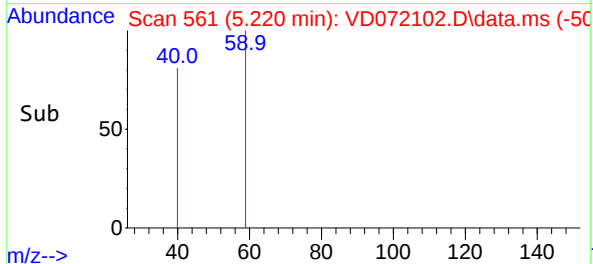
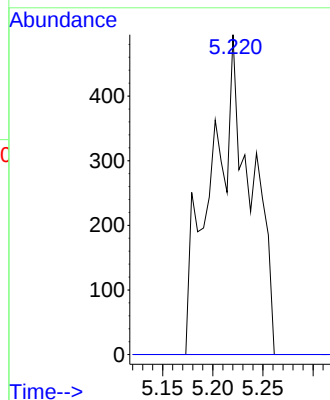
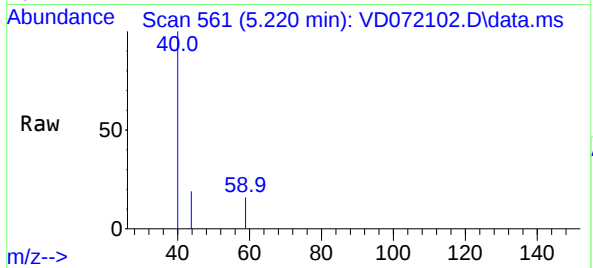




#11
Tert butyl alcohol
Concen: 32.503 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

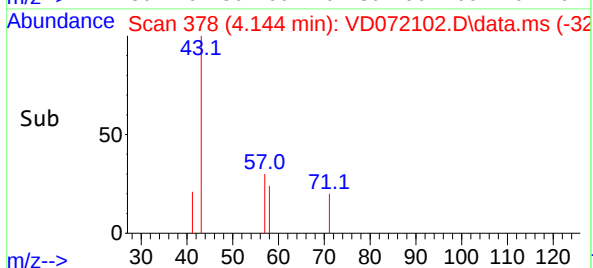
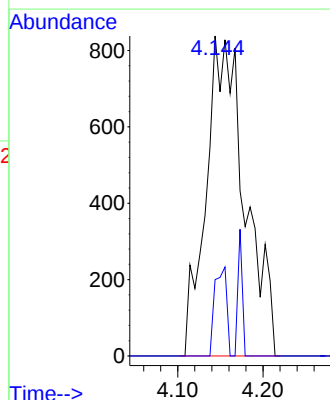
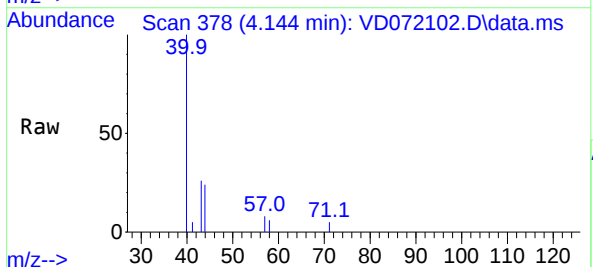
Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

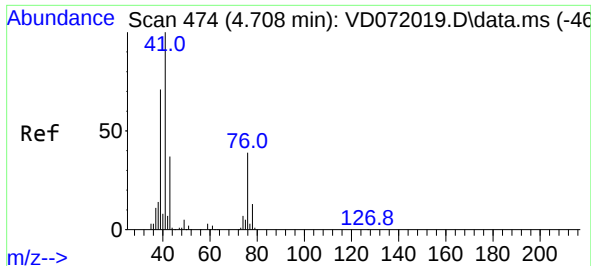
Tgt Ion: 59 Resp: 1357
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#



#16
Acetone
Concen: 16.928 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
58 23.9 23.8 35.6

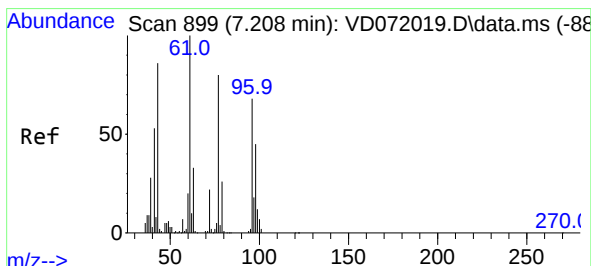
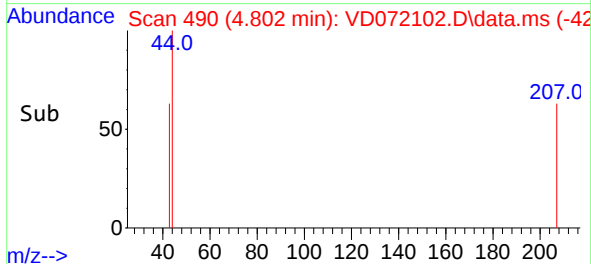
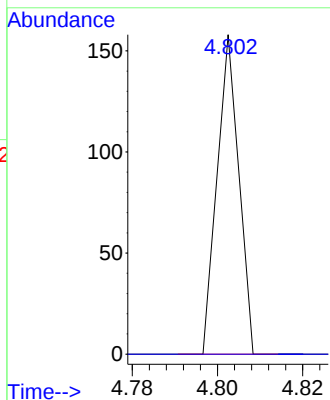
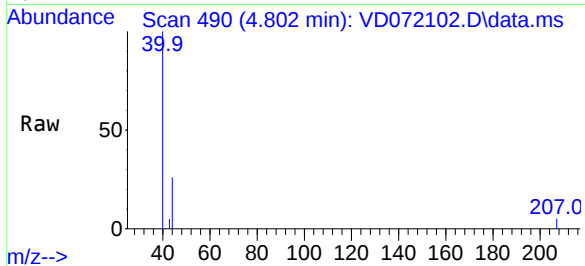




#18
Methyl Acetate
Concen: Below Cal
RT: 4.802 min Scan# 490
Delta R.T. 0.094 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

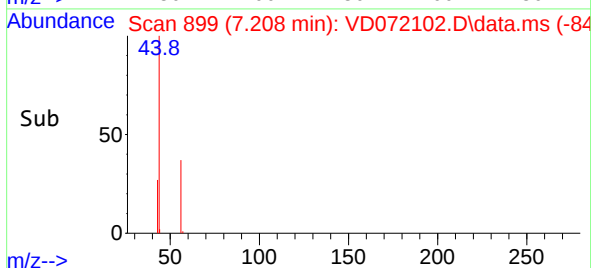
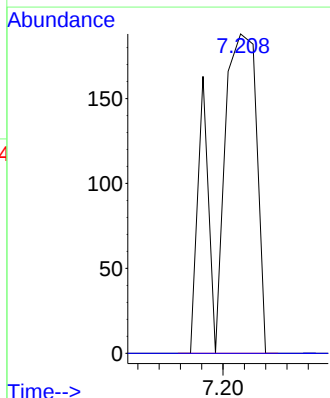
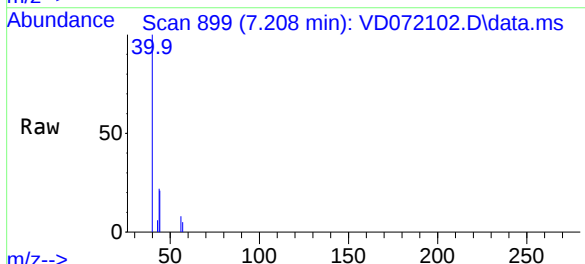
Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

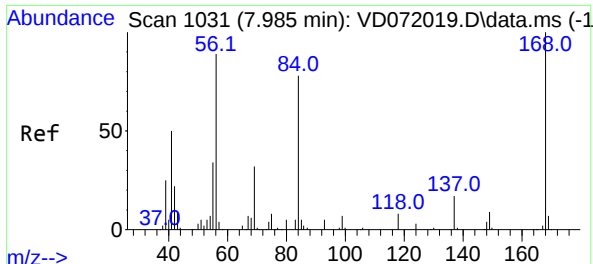
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#25
2-Butanone
Concen: 1.130 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

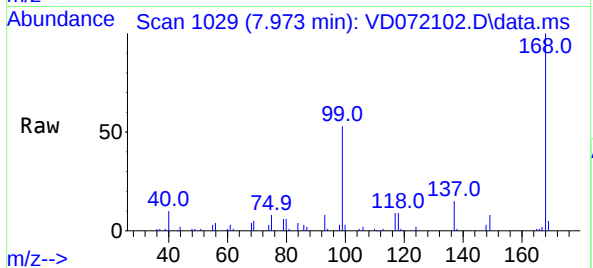
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#



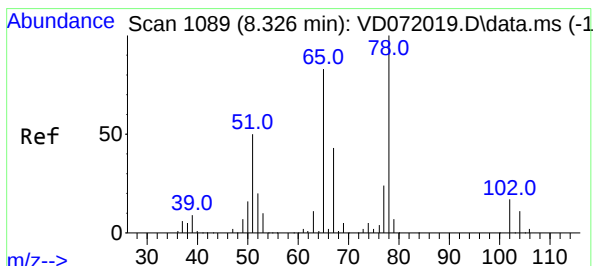
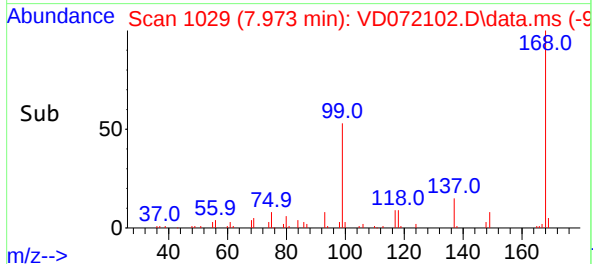
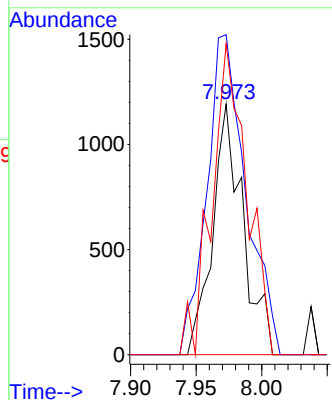


#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

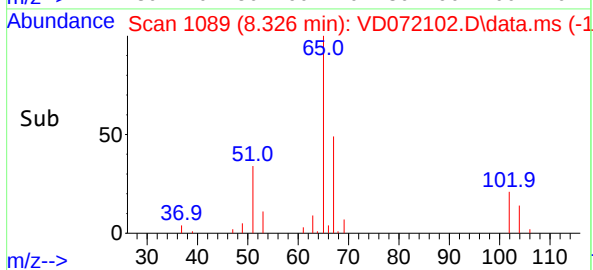
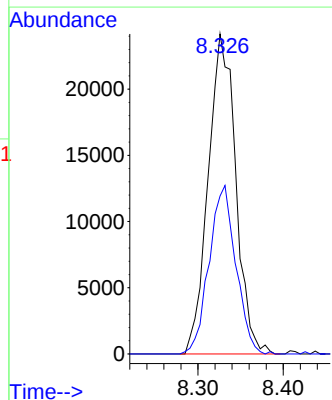
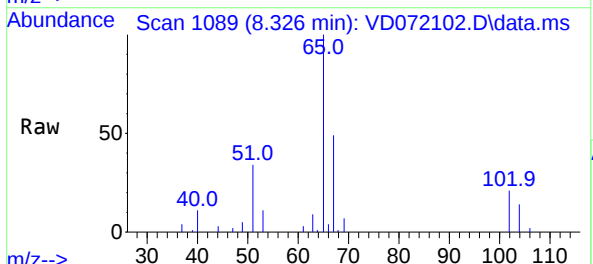


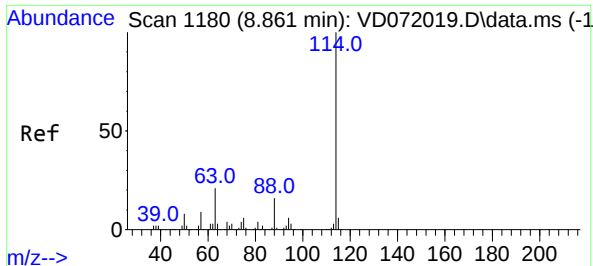
Tgt Ion: 56 Resp: 1906
Ion Ratio Lower Upper
56 100
69 127.7 28.9 43.3#
84 124.1 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 74.205 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 65 Resp: 54297
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072102.D

Acq: 25 Feb 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

REMOTE-1

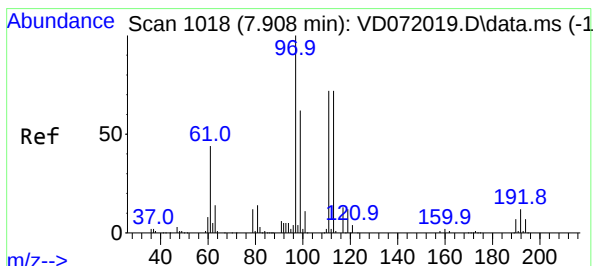
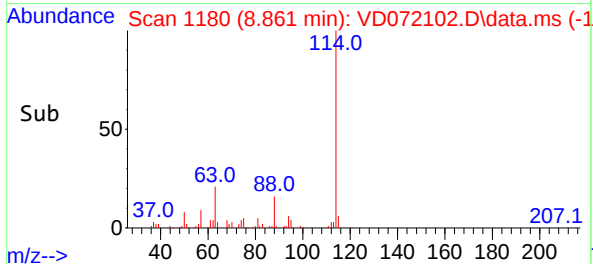
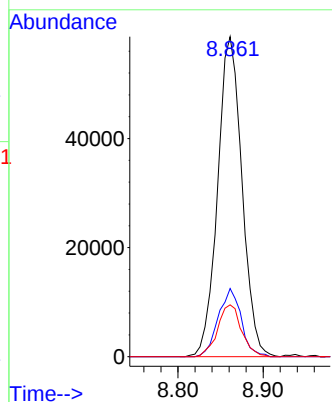
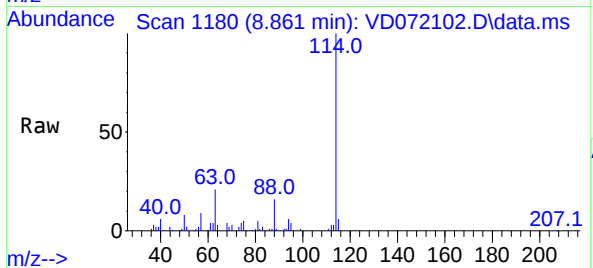
Tgt Ion:114 Resp: 116332

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.2 0.0 31.2



#35

Dibromofluoromethane

Concen: 62.788 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072102.D

Acq: 25 Feb 2022 16:04

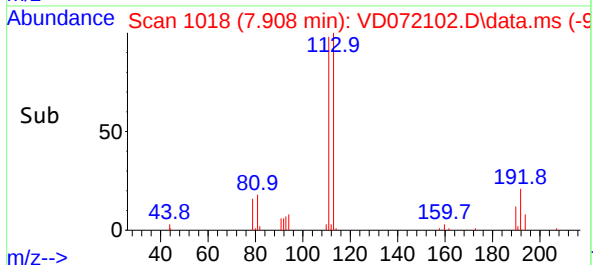
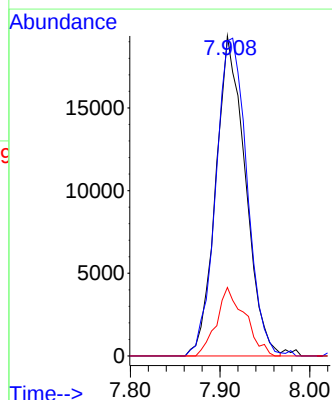
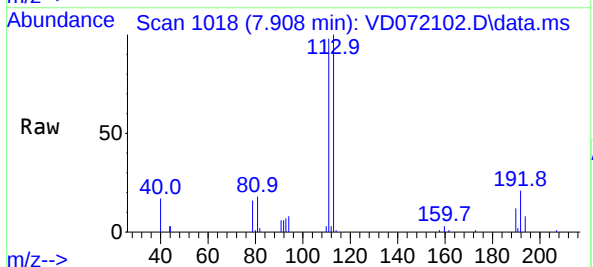
Tgt Ion:113 Resp: 44254

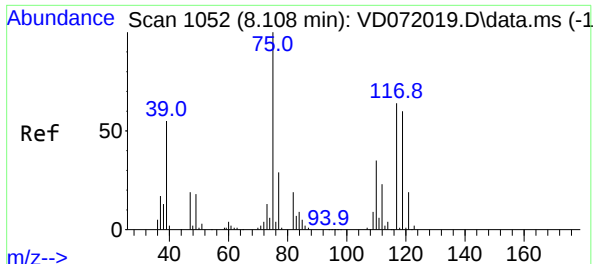
Ion Ratio Lower Upper

113 100

111 104.8 83.0 124.4

192 20.6 15.3 22.9

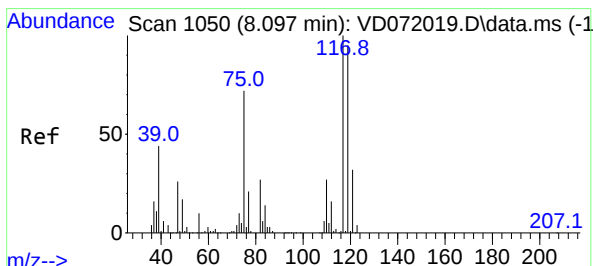
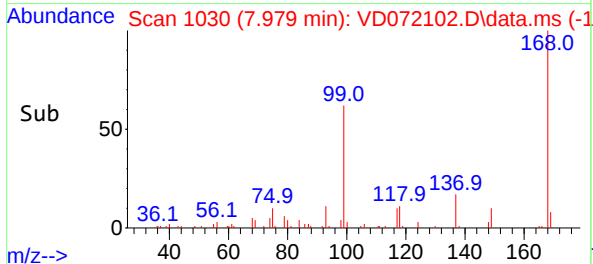
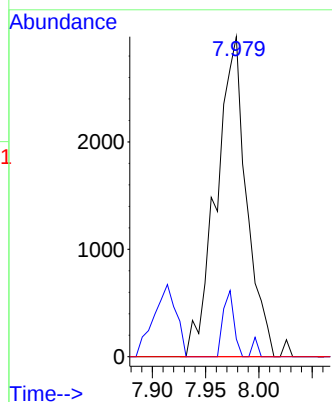
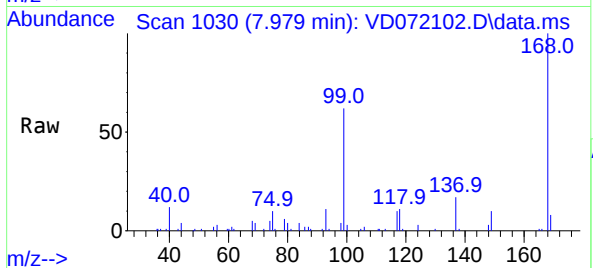




#36
1,1-Dichloropropene
Concen: 5.505 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

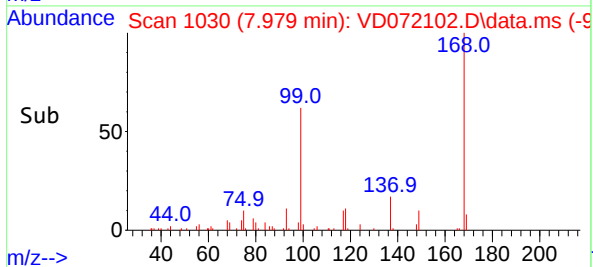
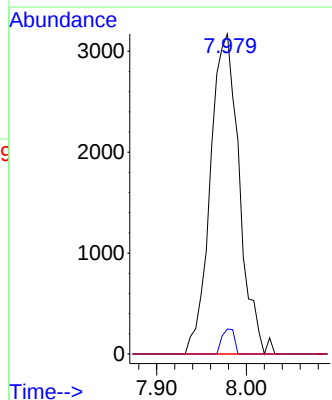
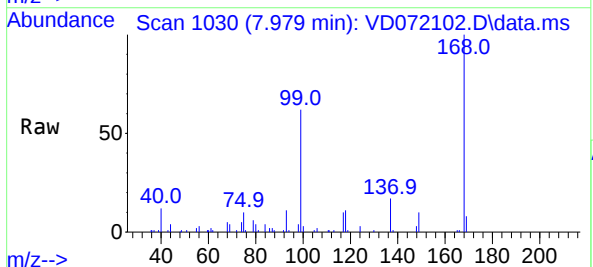
Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

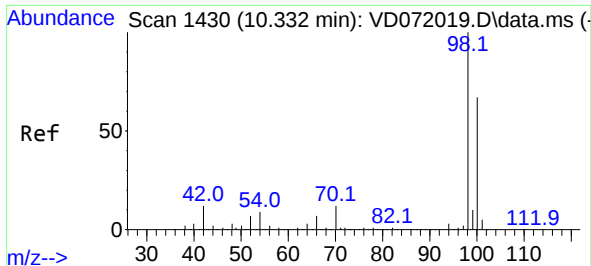
Tgt Ion: 75 Resp: 5877
Ion Ratio Lower Upper
75 100
110 7.4 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.495 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 117 Resp: 7107
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.8#
121 0.0 25.8 38.6#

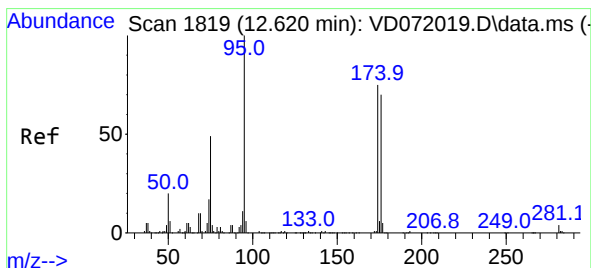
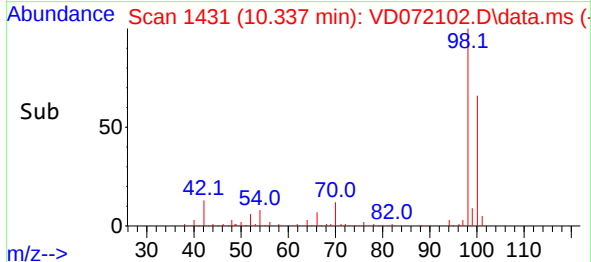
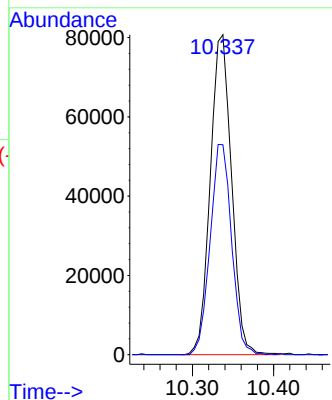
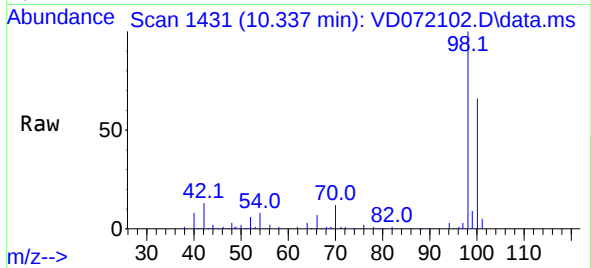




#50
Toluene-d8
Concen: 56.282 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

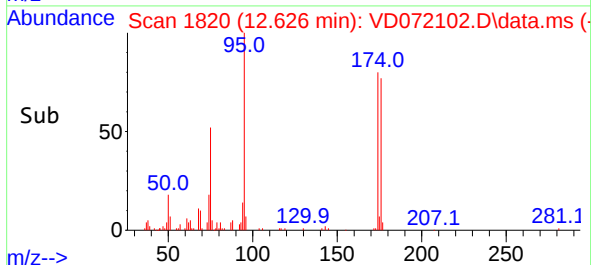
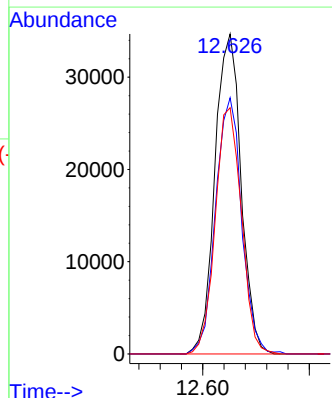
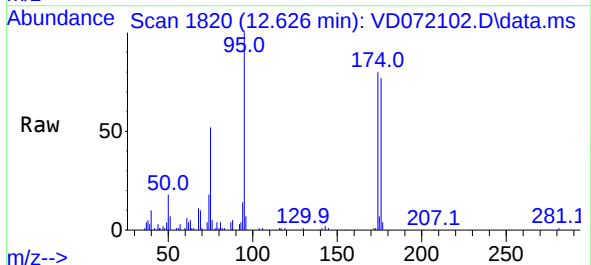
Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

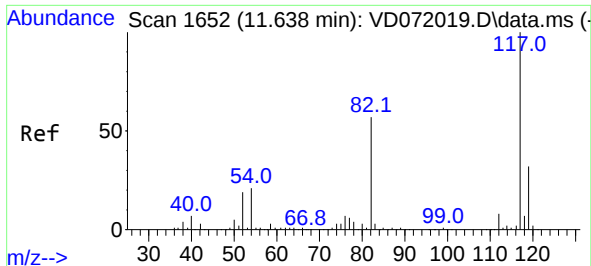
Tgt Ion: 98 Resp: 147109
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 61.566 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 95 Resp: 59110
Ion Ratio Lower Upper
95 100
174 80.1 0.0 155.0
176 76.7 0.0 148.8

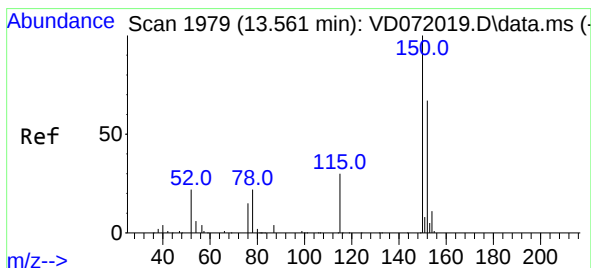
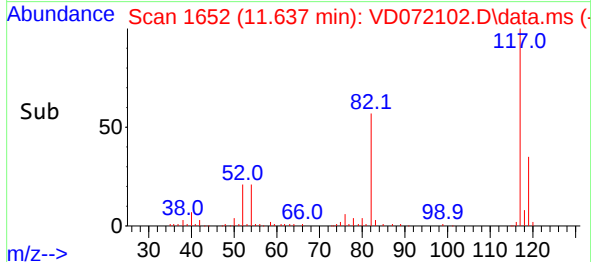
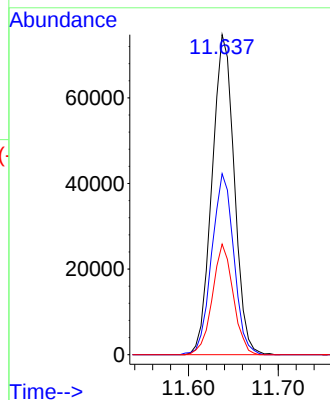
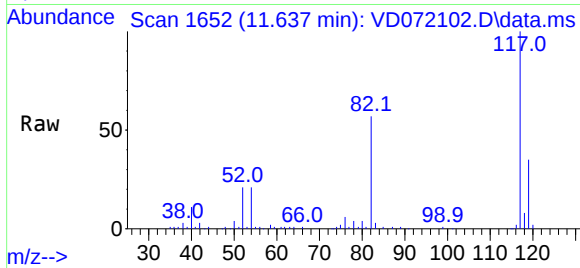




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

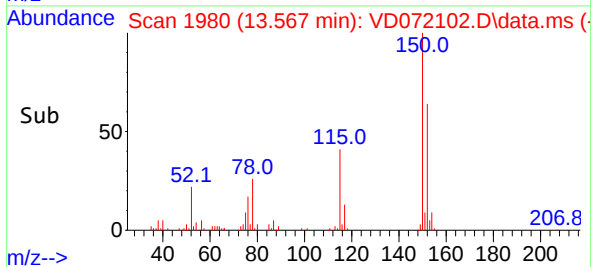
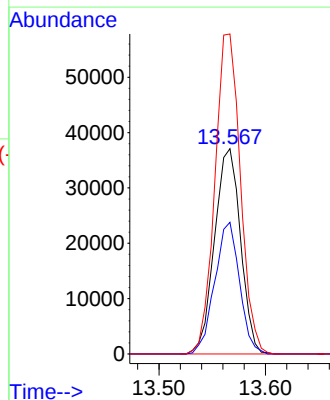
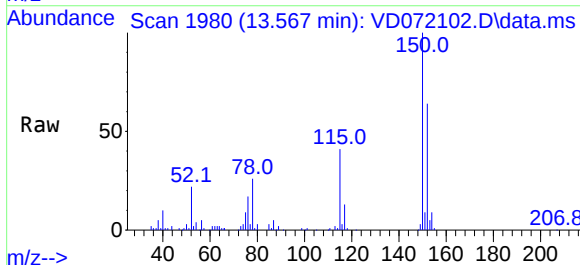
Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

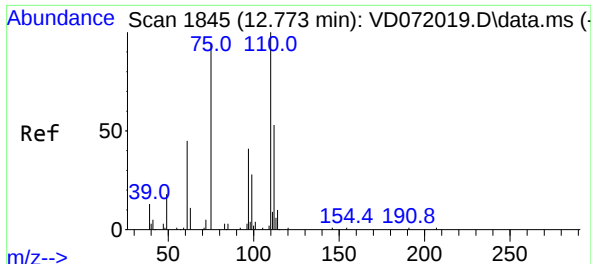
Tgt Ion:117 Resp: 128378
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 34.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion:152 Resp: 62868
Ion Ratio Lower Upper
152 100
115 61.3 29.9 89.7
150 152.8 0.0 347.6

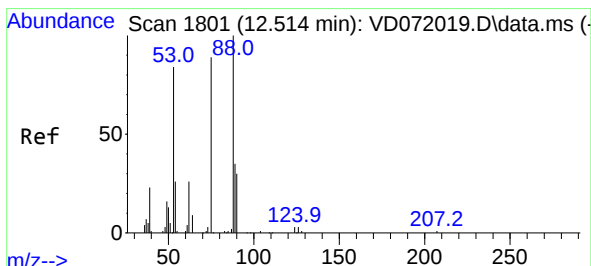
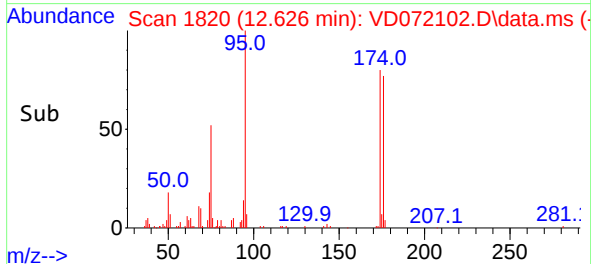
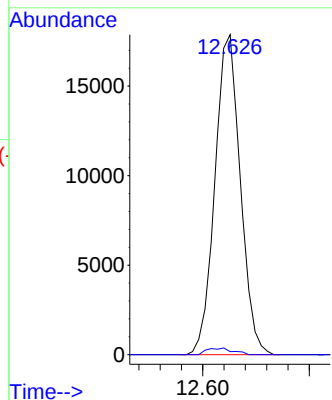
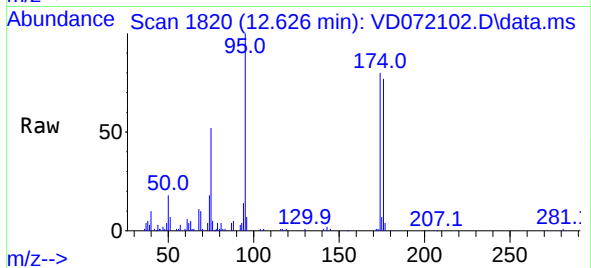




#76
1,2,3-Trichloropropane
Concen: 49.634 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

Tgt Ion: 75 Resp: 29557
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.294 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 75 Resp: 29557
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

