

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011418.D
 Acq On : 11 Nov 2022 15:02
 Operator : KP/MD
 Sample : N5524-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11995

Quant Time: Nov 11 15:25:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

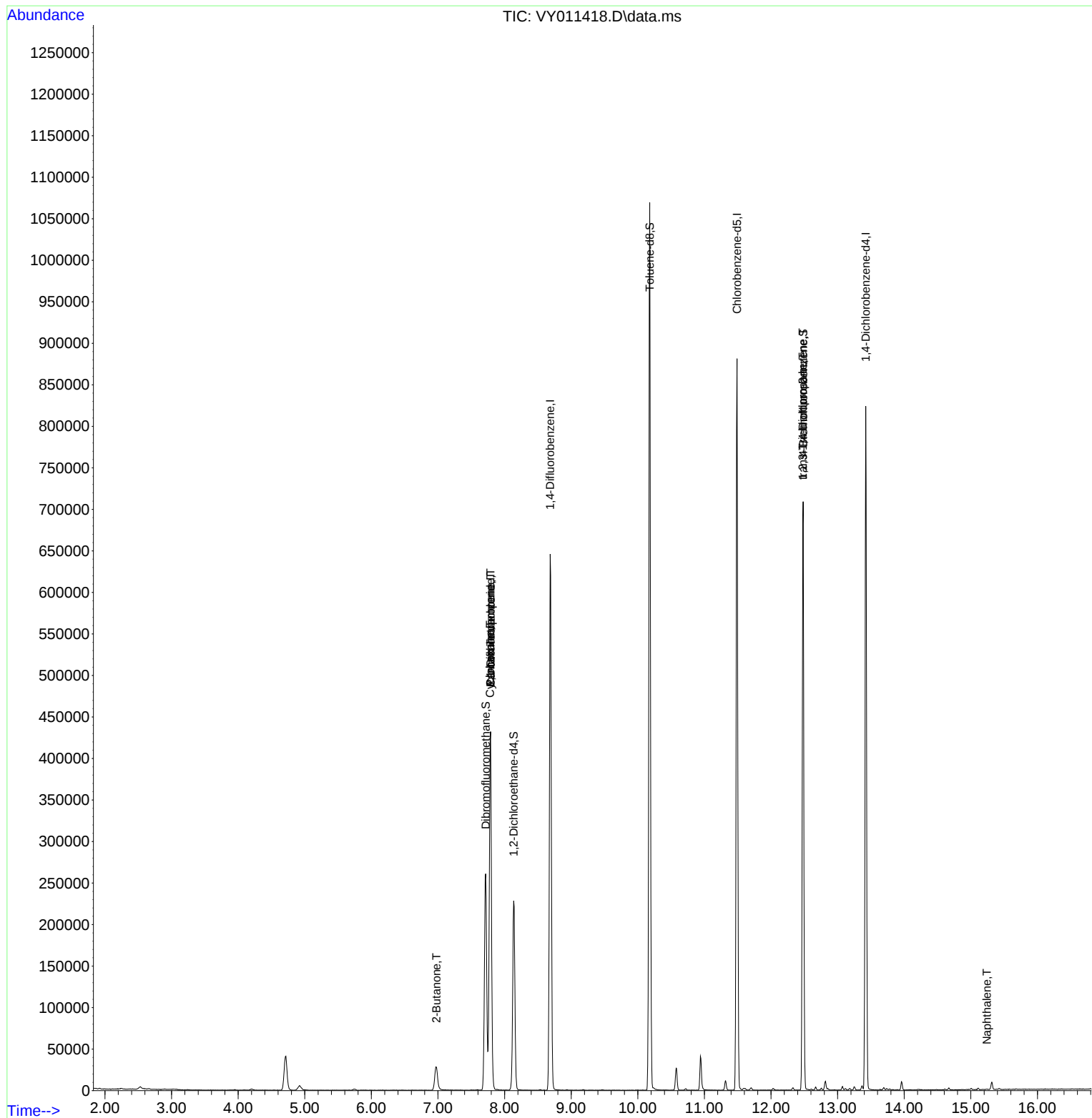
Internal Standards						
1) Pentafluorobenzene	7.789	168	349341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	583612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	508539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	178168	60.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.720%	
35) Dibromofluoromethane	7.715	113	188659	57.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.360%	
50) Toluene-d8	10.178	98	710660	56.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.760%	
62) 4-Bromofluorobenzene	12.483	95	217731	49.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	249	Below Cal	# 97	
11) Tert butyl alcohol	4.923	59	5263	Below Cal	# 77	
18) Methyl Acetate	4.490	43	39	Below Cal	# 56	
25) 2-Butanone	6.978	43	1445	1.313	ug/l #	54
31) Cyclohexane	7.783	56	5800	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	23730	4.675	ug/l #	52
38) Carbon Tetrachloride	7.789	117	33981	6.154	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	104616	40.592	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	104616	97.570	ug/l #	7
95) Naphthalene	15.239	128	698	3.353	ug/l #	73

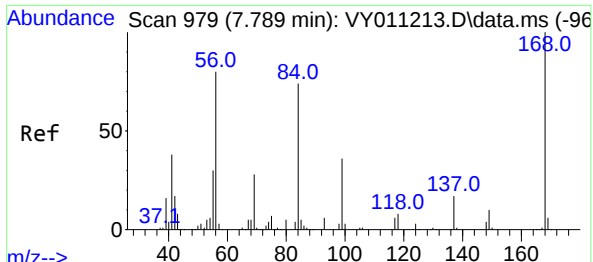
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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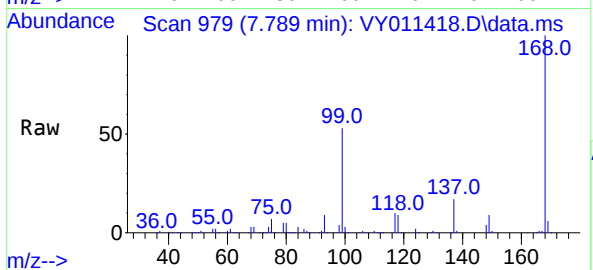
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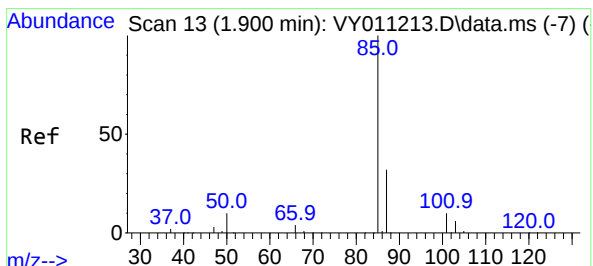
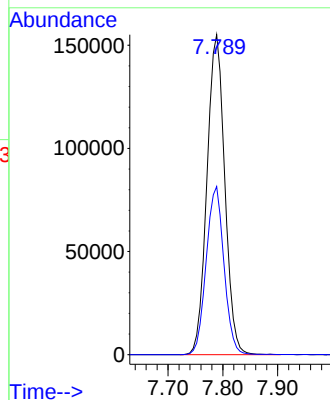
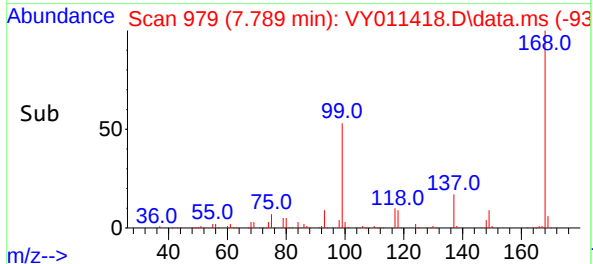


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

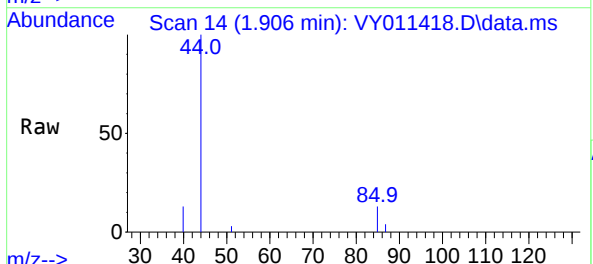
Instrument :
MSVOA_Y
ClientSampleId :
72-11995



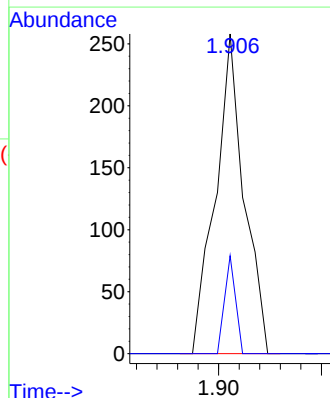
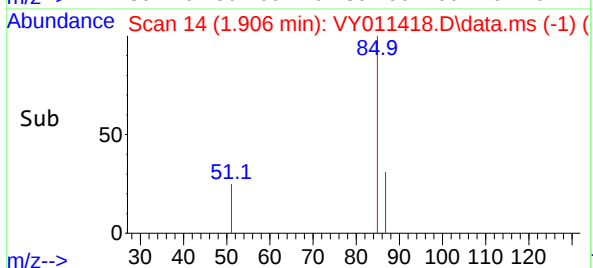
Tgt Ion:168 Resp: 349341
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3

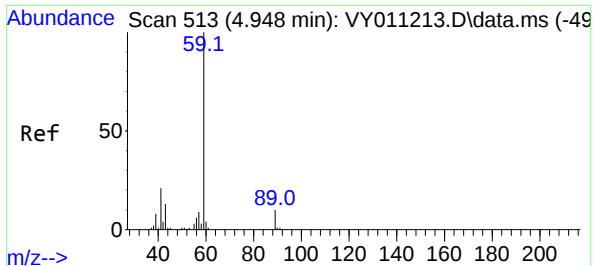


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02



Tgt Ion: 85 Resp: 249
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

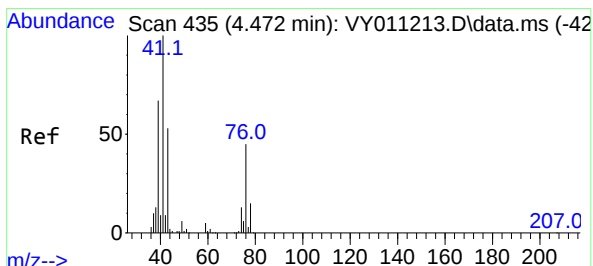
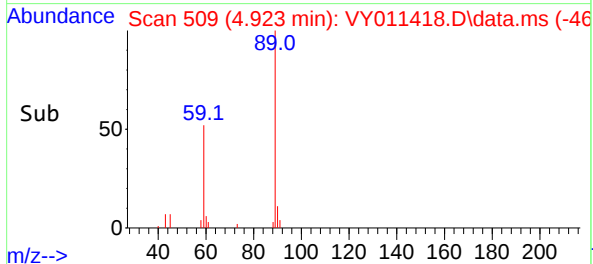
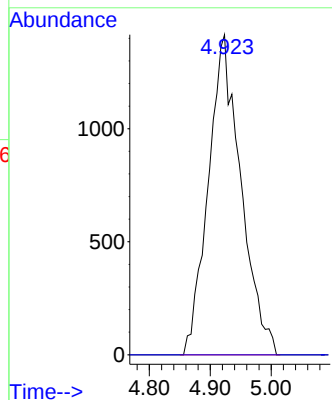
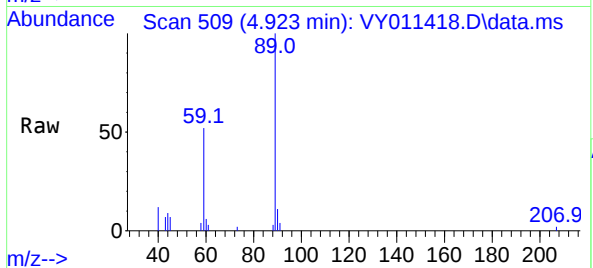




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

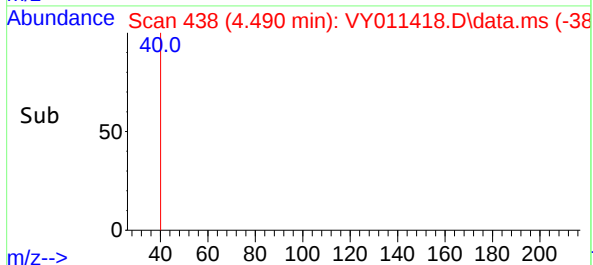
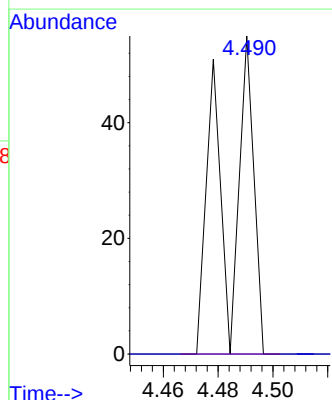
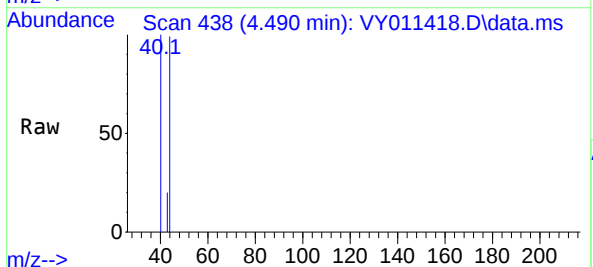
Instrument :
MSVOA_Y
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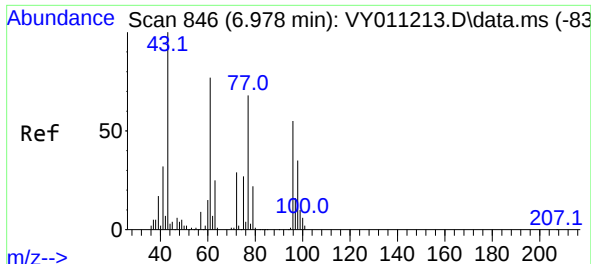
Tgt Ion: 59 Resp: 5263
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.490 min Scan# 438
Delta R.T. 0.017 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

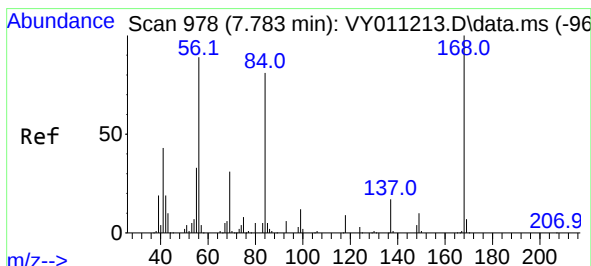
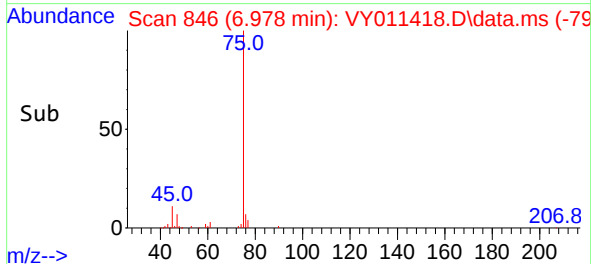
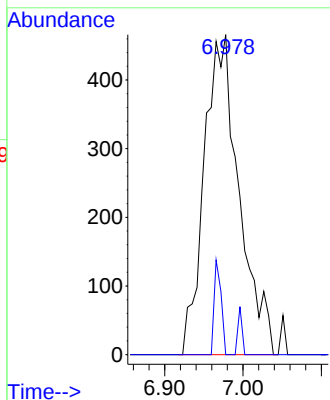
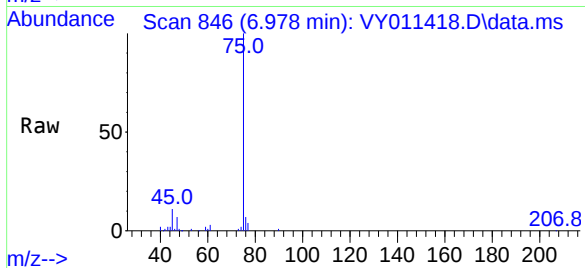




#25
2-Butanone
Concen: 1.313 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

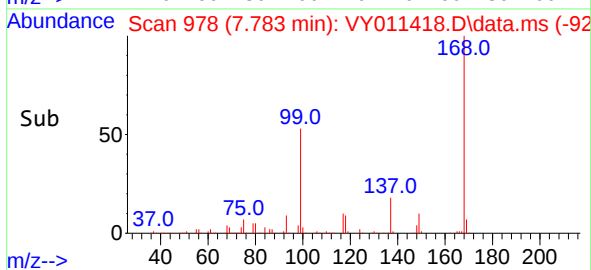
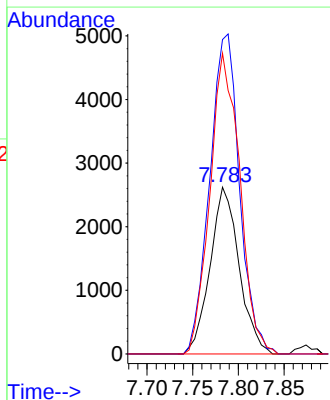
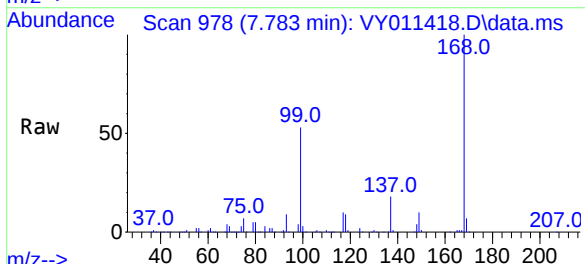
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

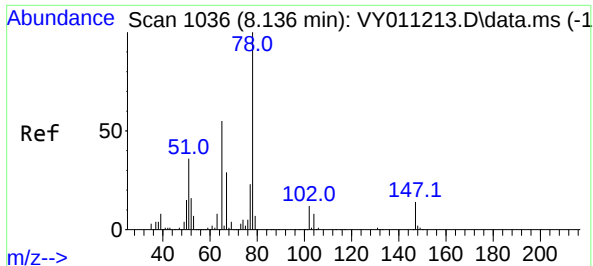
Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

Tgt Ion: 56 Resp: 5800
Ion Ratio Lower Upper
56 100
69 188.6 26.7 40.1#
84 180.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.863 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011418.D

Acq: 11 Nov 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

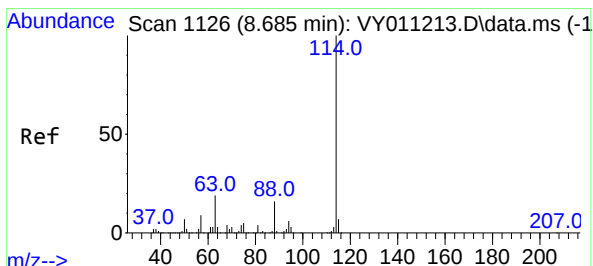
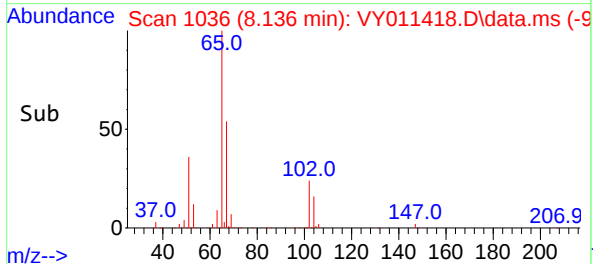
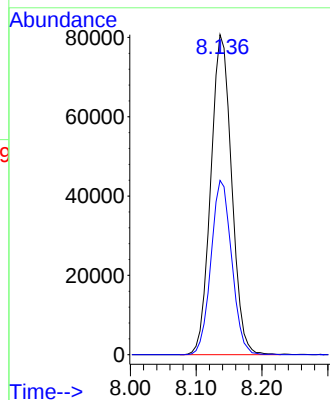
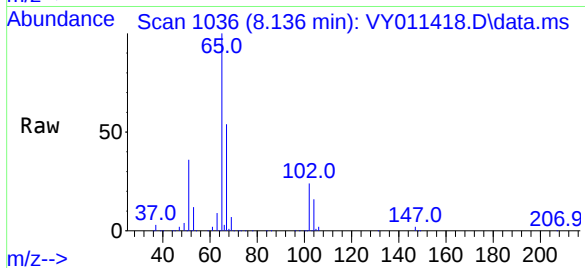
72-11995

Tgt Ion: 65 Resp: 178168

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011418.D

Acq: 11 Nov 2022 15:02

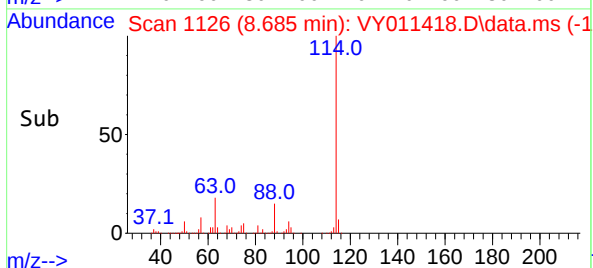
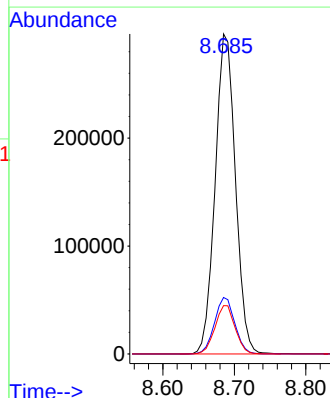
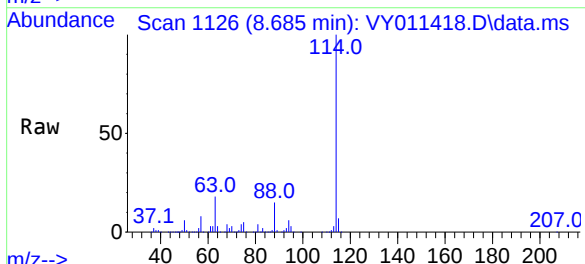
Tgt Ion:114 Resp: 583612

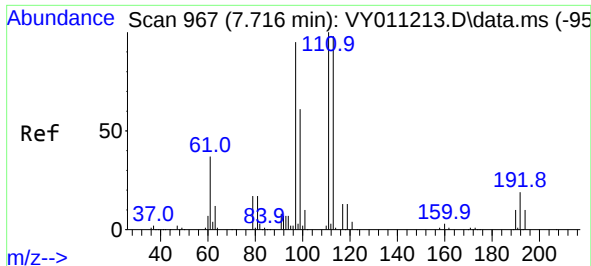
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.1 0.0 31.8

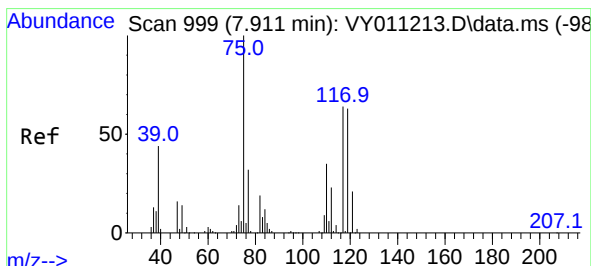
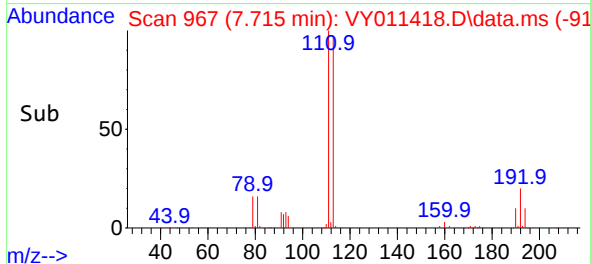
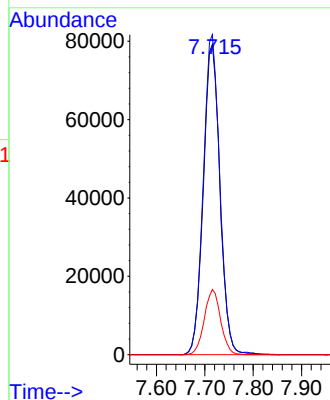
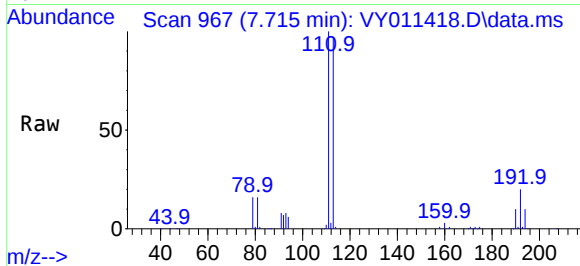




#35
Dibromofluoromethane
Concen: 57.682 ug/l
RT: 7.715 min Scan# 911
Delta R.T. 0.005 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

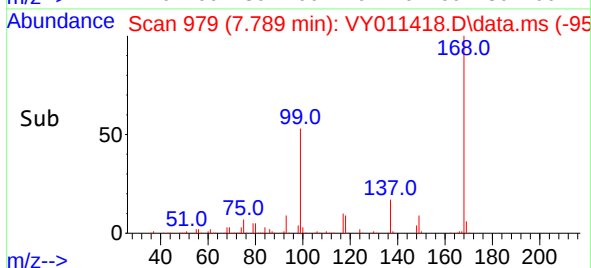
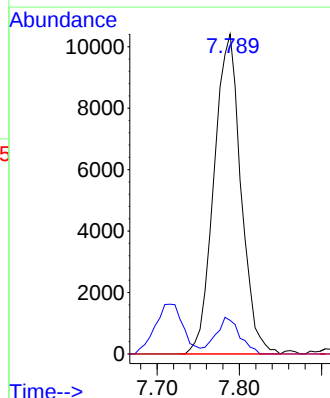
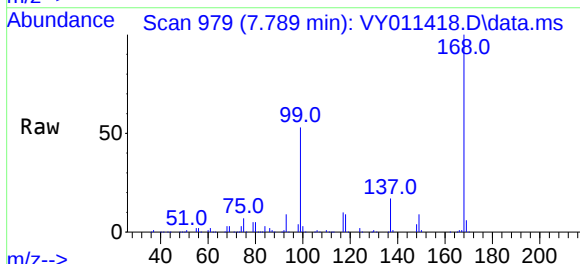
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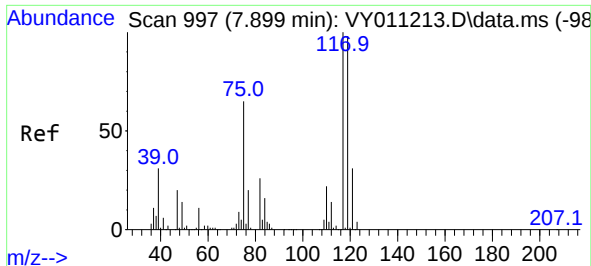
Tgt Ion:113 Resp: 188659
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

Tgt Ion: 75 Resp: 23730
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#

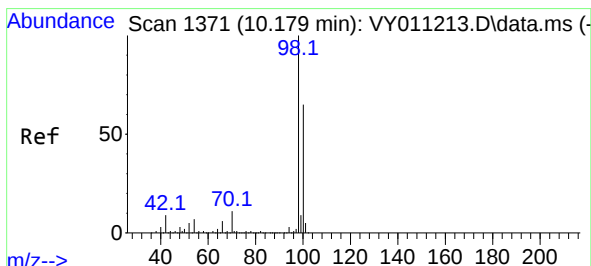
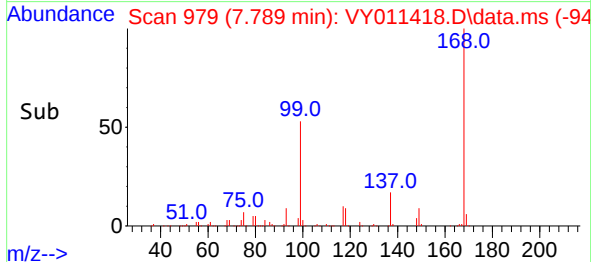
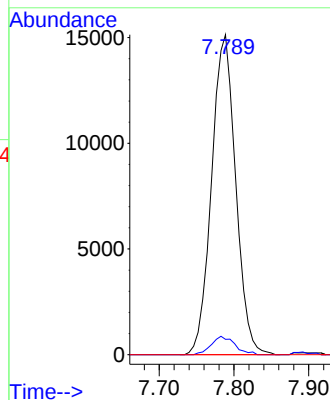
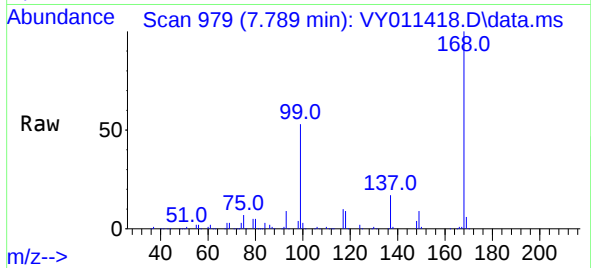




#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

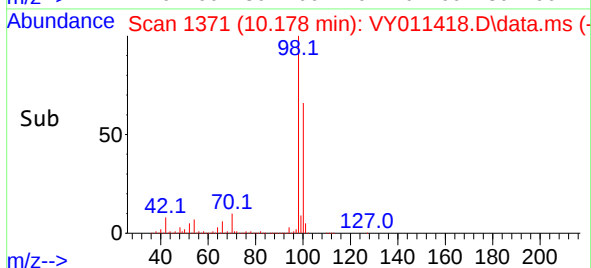
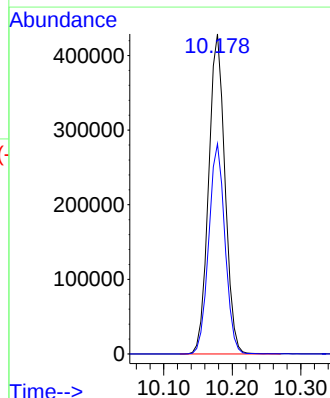
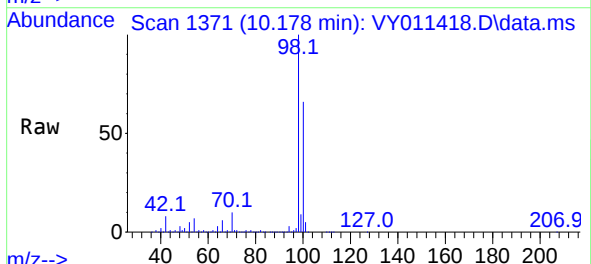
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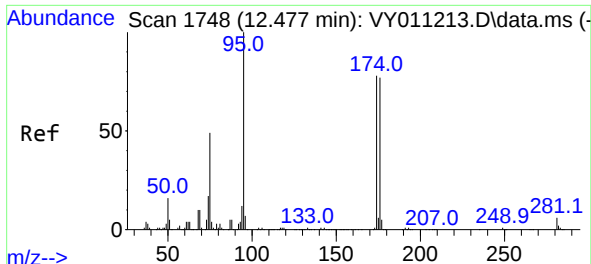
Tgt Ion:117 Resp: 33981
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 56.875 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

Tgt Ion: 98 Resp: 710660
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

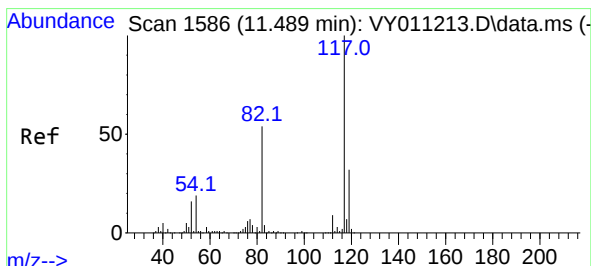
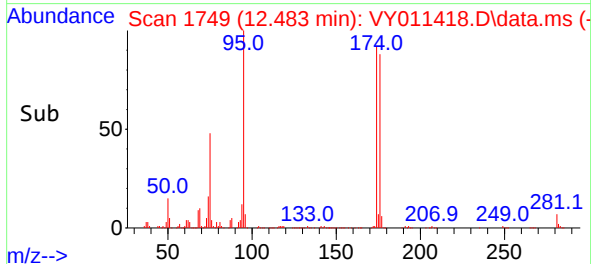
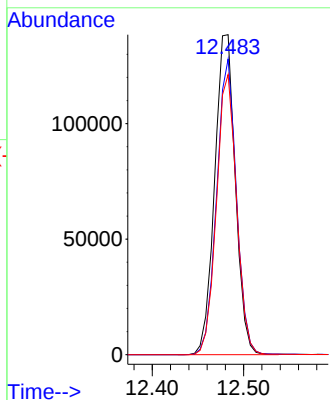
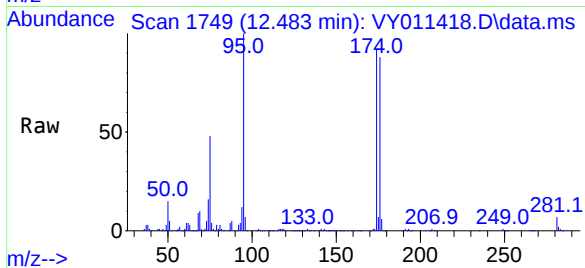




#62
4-Bromofluorobenzene
Concen: 49.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

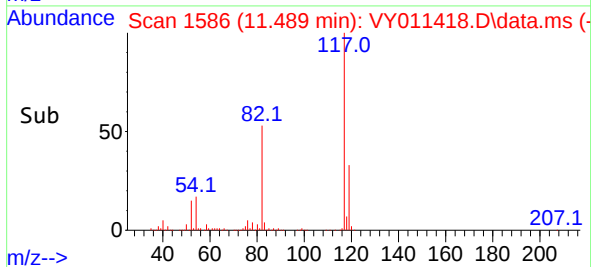
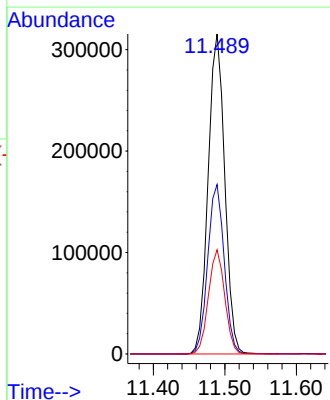
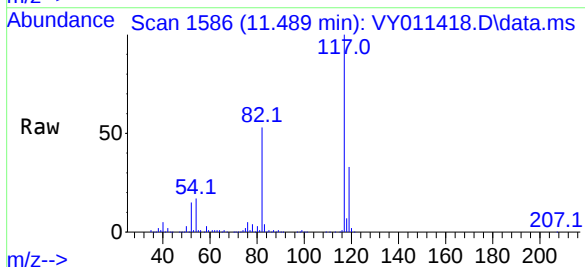
Instrument :
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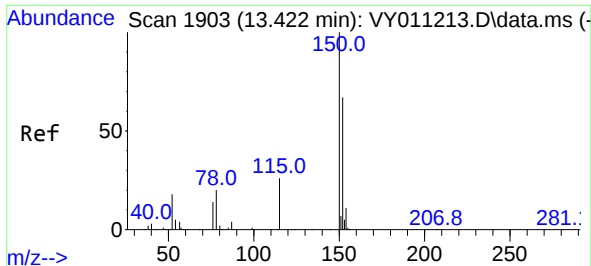
Tgt Ion: 95 Resp: 217731
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

Tgt Ion: 117 Resp: 508539
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.5 25.4 38.0

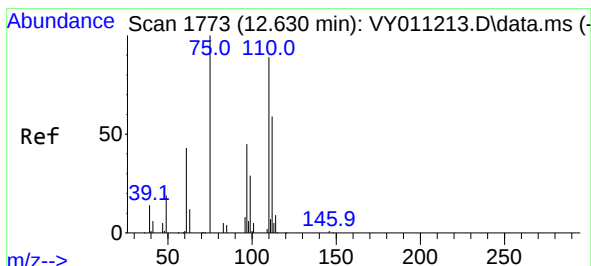
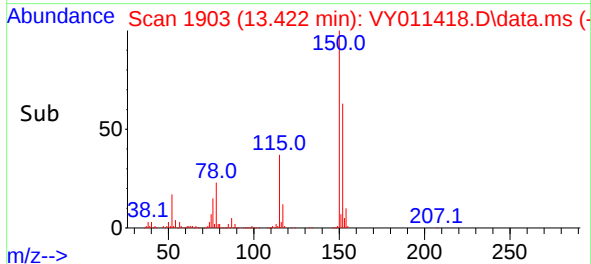
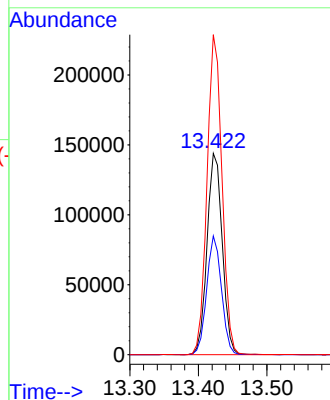
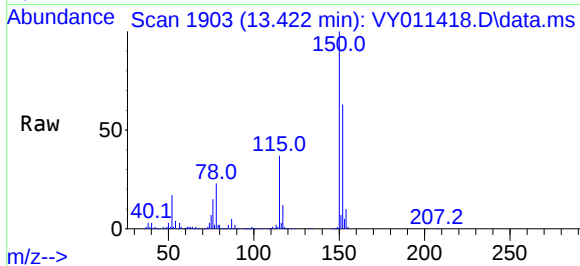




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011418.D
 Acq: 11 Nov 2022 15:02

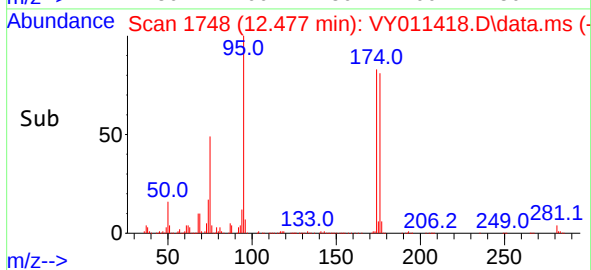
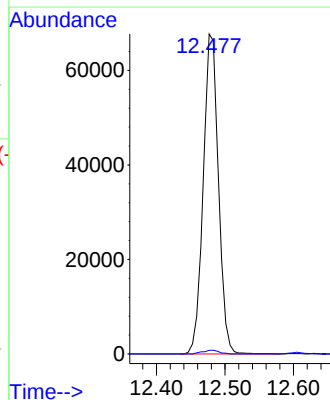
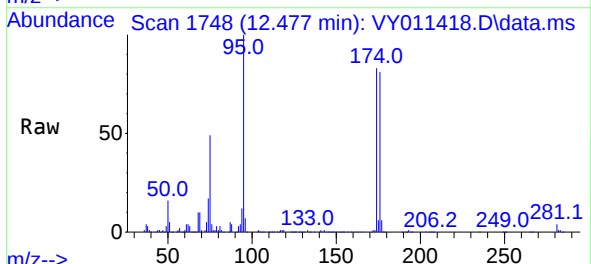
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11995

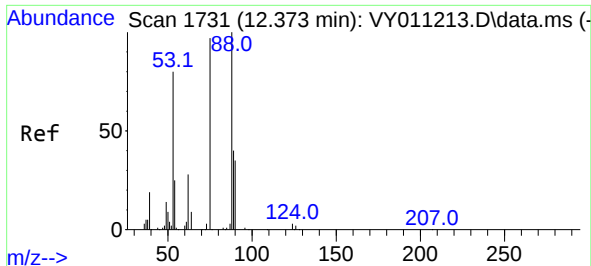
Tgt Ion:152 Resp: 222653
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.7
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.592 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011418.D
 Acq: 11 Nov 2022 15:02

Tgt Ion: 75 Resp: 104616
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

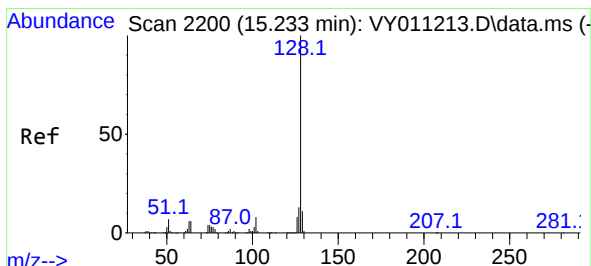
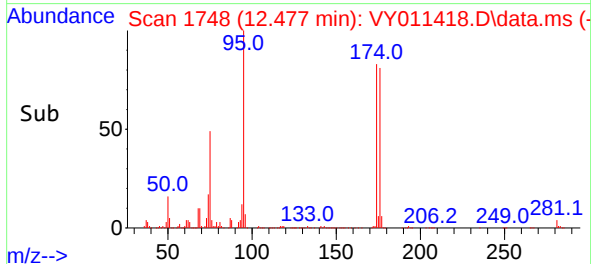
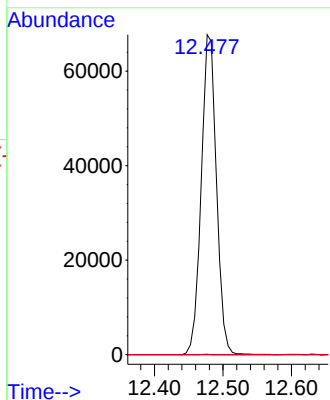
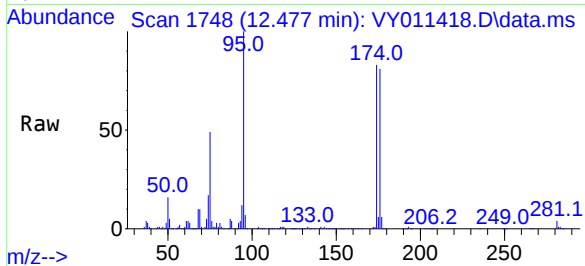




#81
trans-1,4-Dichloro-2-butene
Concen: 97.570 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion: 75 Resp: 104616
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.353 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.005 min
Lab File: VY011418.D
Acq: 11 Nov 2022 15:02

Tgt Ion:128 Resp: 698
Ion Ratio Lower Upper
128 100
127 3.0 11.0 16.4#
129 0.0 8.4 12.6#

