

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011574.D
 Acq On : 23 Nov 2022 14:47
 Operator : KP/MD
 Sample : N5766-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:38:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

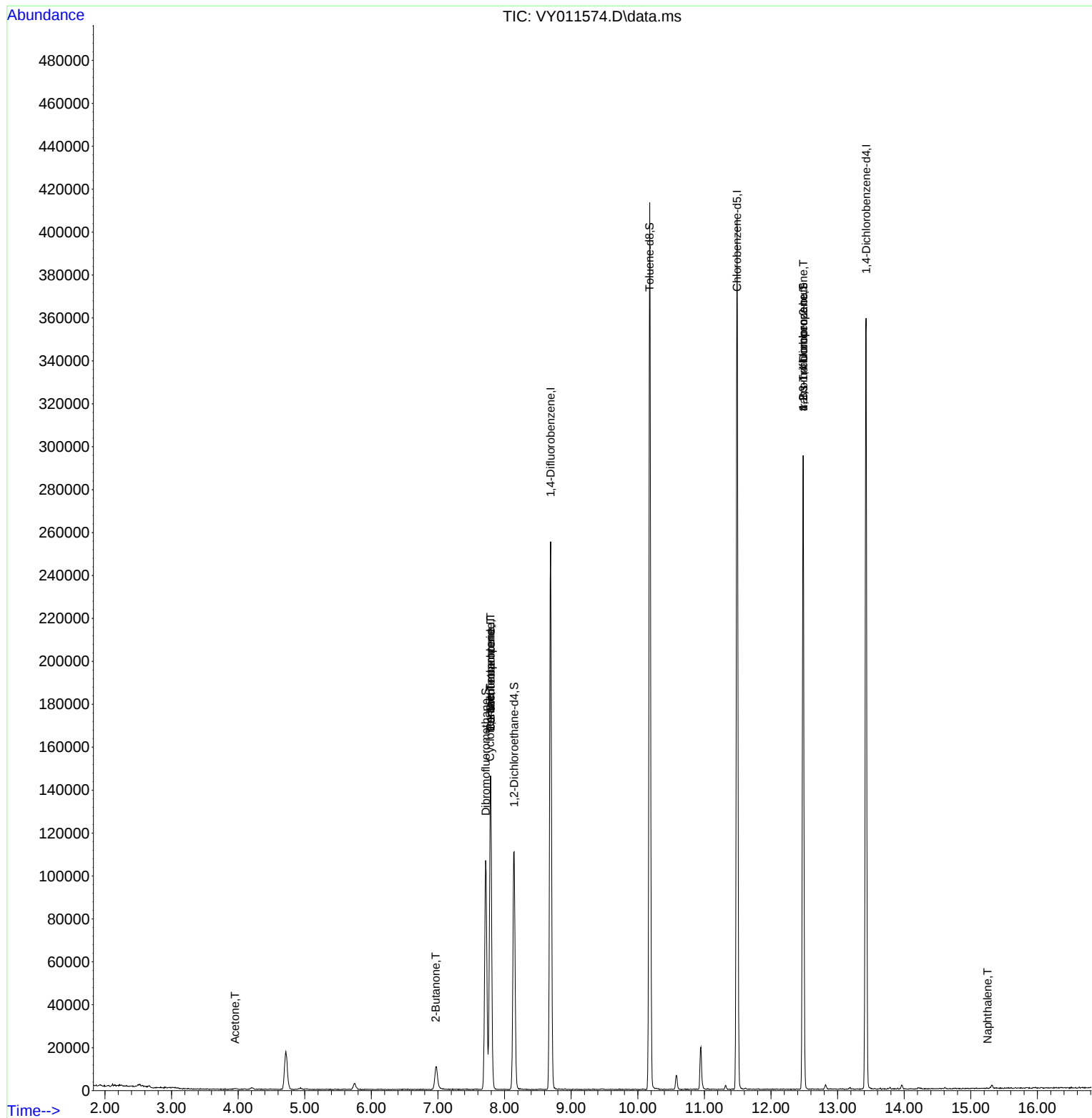
Internal Standards						
1) Pentafluorobenzene	7.789	168	109611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88985	79.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.900%	
35) Dibromofluoromethane	7.716	113	74534	57.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.240%	
50) Toluene-d8	10.179	98	263279	56.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.020%	
62) 4-Bromofluorobenzene	12.483	95	86532	49.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	217	Below Cal	#	74
5) Bromomethane	2.656	94	136	Below Cal		99
11) Tert butyl alcohol	4.912	59	412	Below Cal	#	77
16) Acetone	3.954	43	679	1.878	ug/l #	49
18) Methyl Acetate	4.485	43	120	Below Cal	#	56
20) Methylene Chloride	4.716	84	12767	Below Cal	#	83
25) 2-Butanone	6.966	43	635	1.337	ug/l #	54
31) Cyclohexane	7.783	56	2530	1.371	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	8844	4.374	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11674	5.161	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46076	46.535	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46076	101.928	ug/l #	7
95) Naphthalene	15.251	128	65	4.039	ug/l #	69

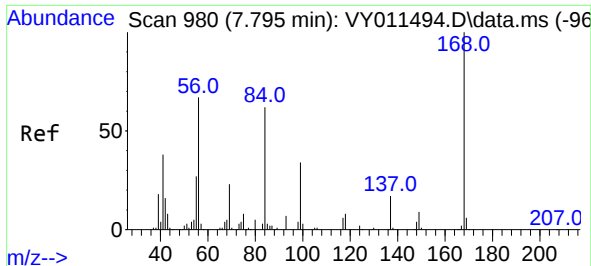
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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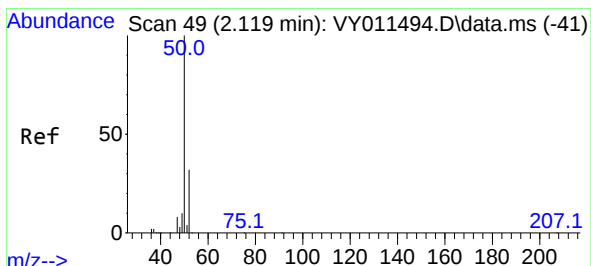
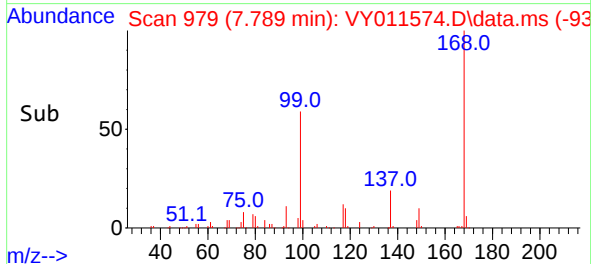
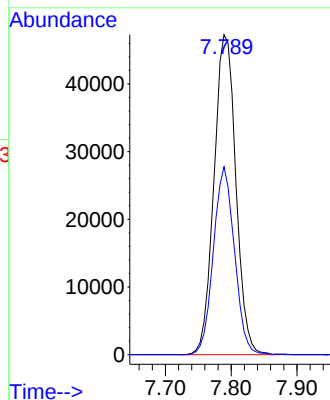
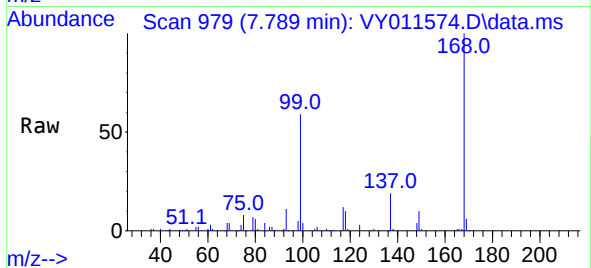




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

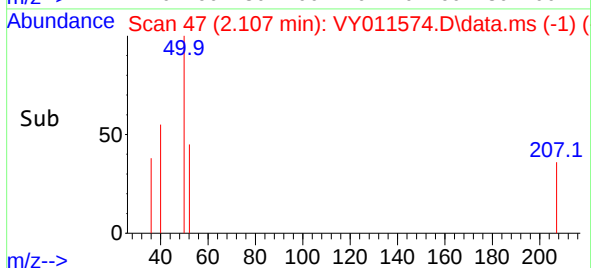
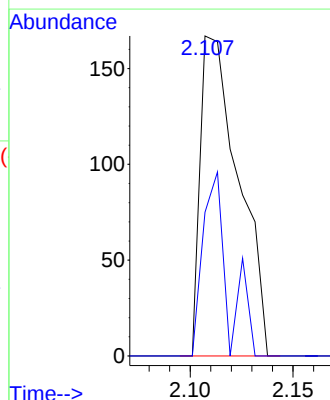
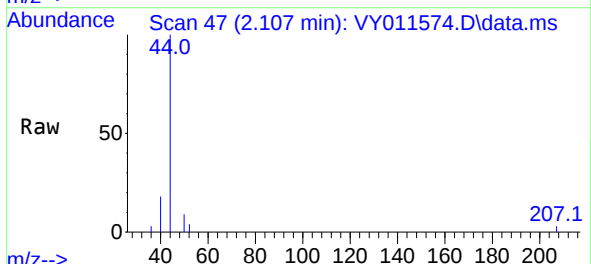
Instrument :
MSVOA_Y
ClientSampleId :

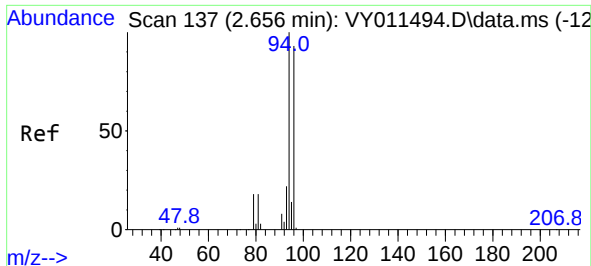
Tgt Ion:168 Resp: 109611
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 44.9 24.6 37.0#

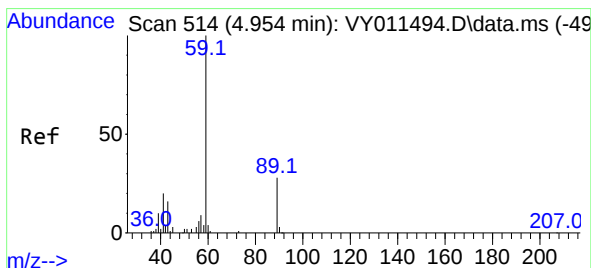
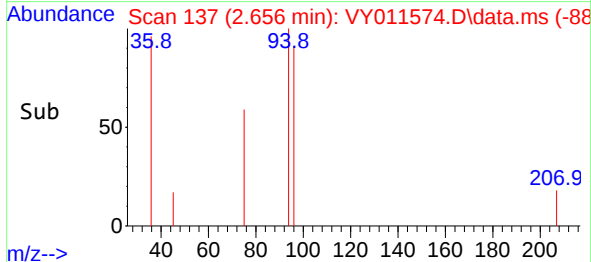
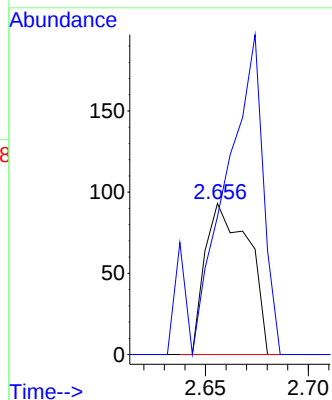
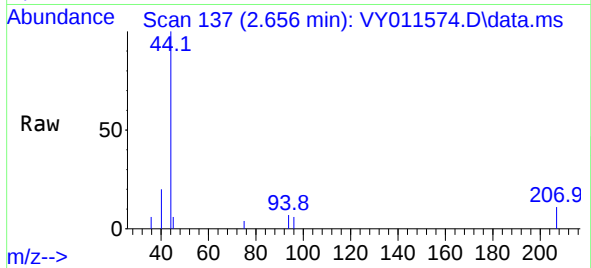




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

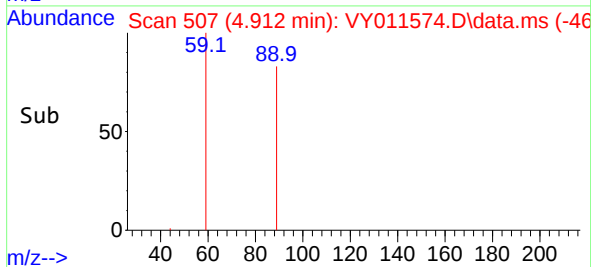
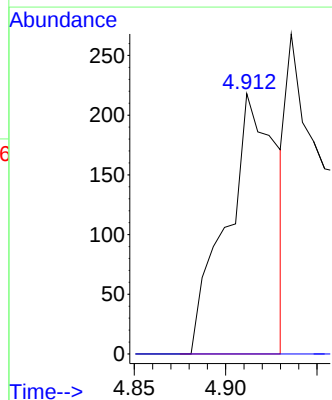
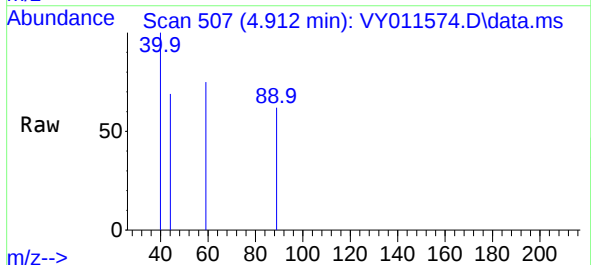
Instrument :
MSVOA_Y
ClientSampleId :

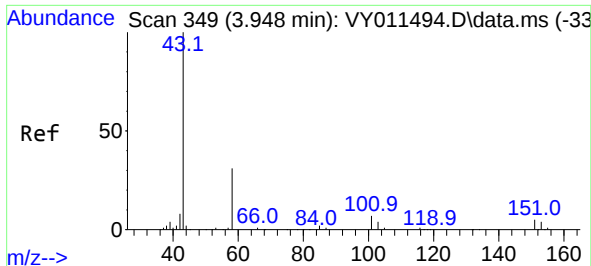
Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 91.4 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.912 min Scan# 507
Delta R.T. -0.042 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

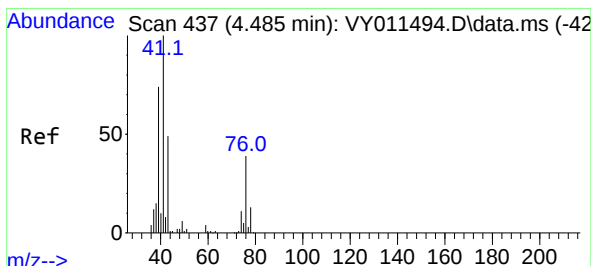
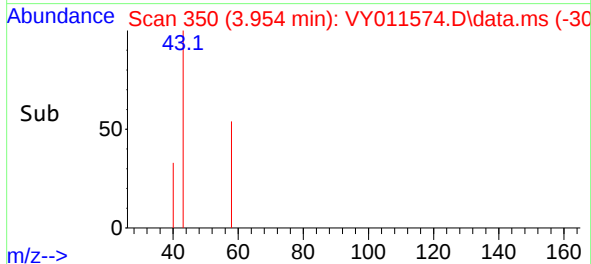
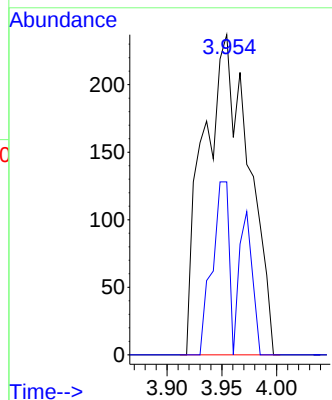
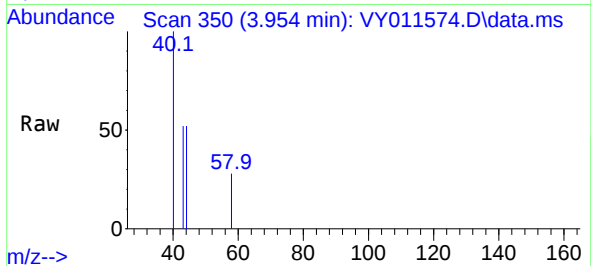




#16
Acetone
Concen: 1.878 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

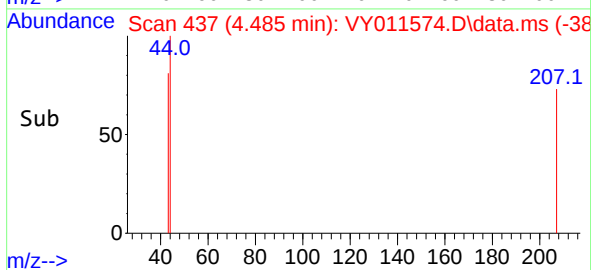
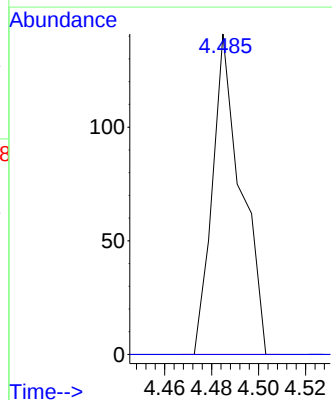
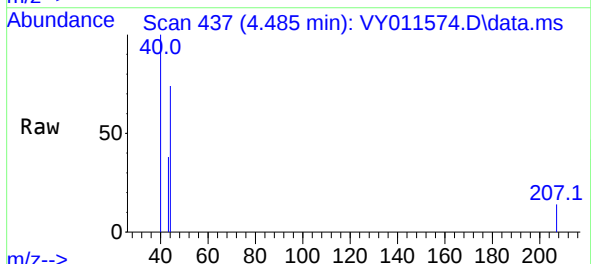
Instrument :
MSVOA_Y
ClientSampleId :

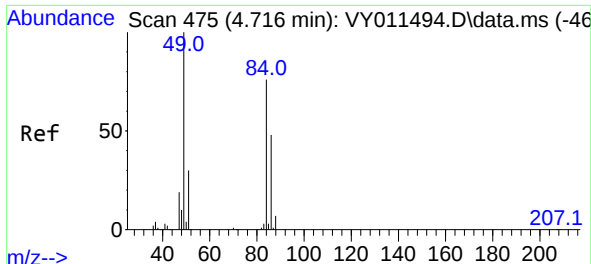
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 54.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

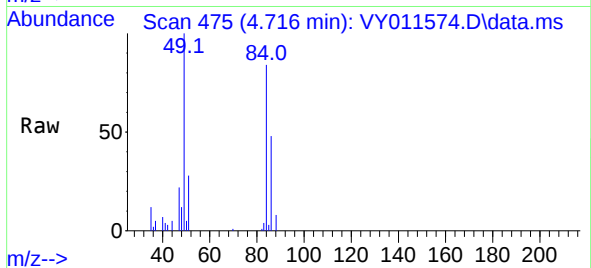
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



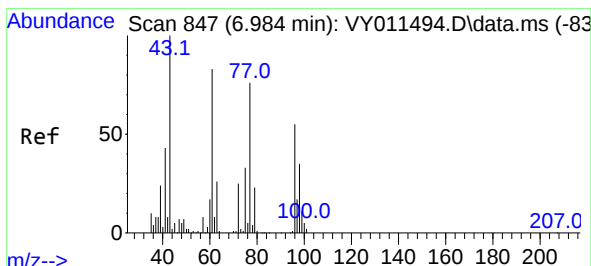
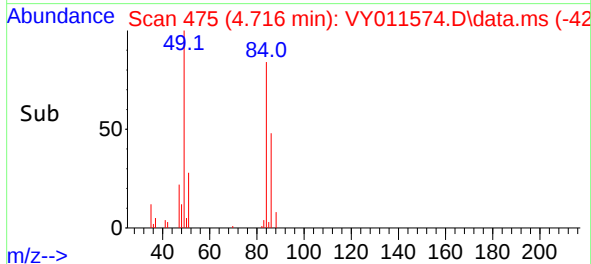
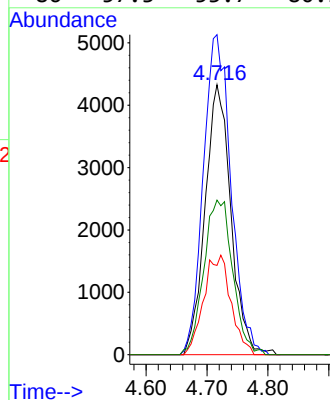


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Instrument :
MSVOA_Y
ClientSampleId :

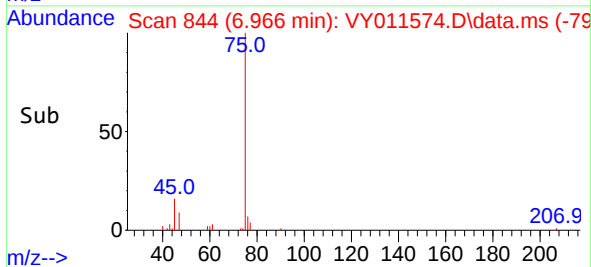
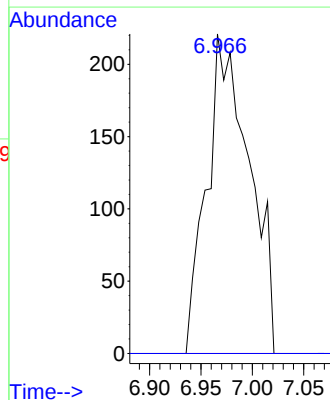
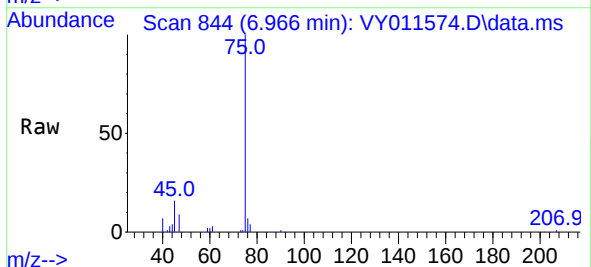


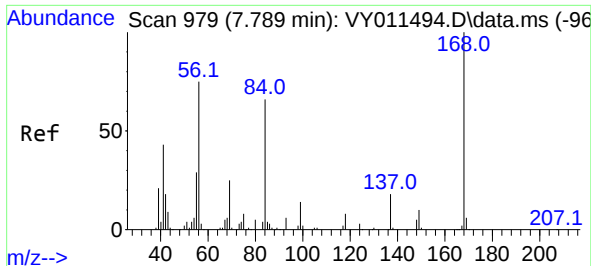
Tgt Ion: 84 Resp: 12767
Ion Ratio Lower Upper
84 100
49 118.6 114.4 171.6
51 33.1 35.3 52.9#
86 57.3 53.7 80.5



#25
2-Butanone
Concen: 1.337 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

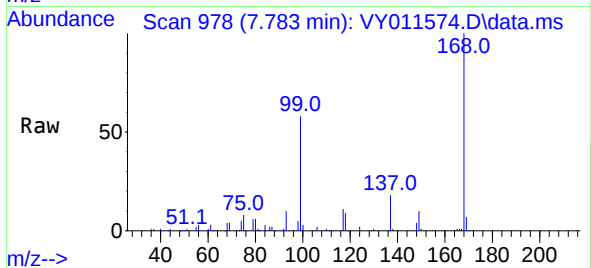
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



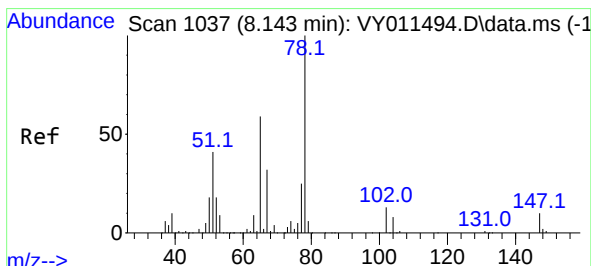
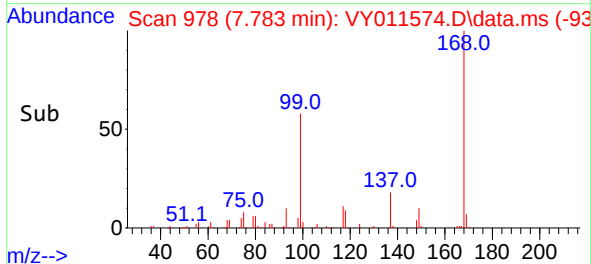
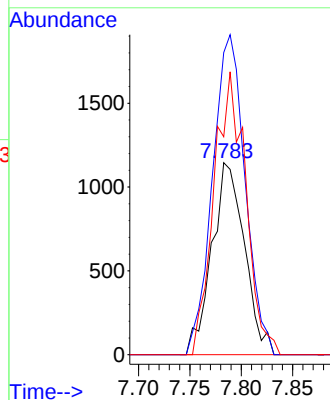


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Instrument :
MSVOA_Y
ClientSampleId :

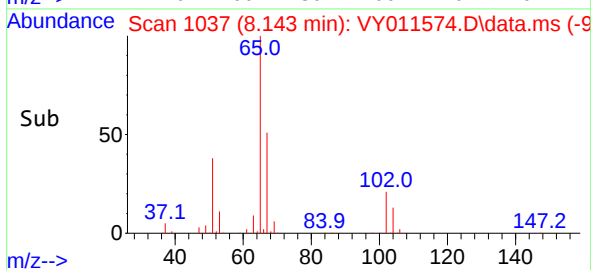
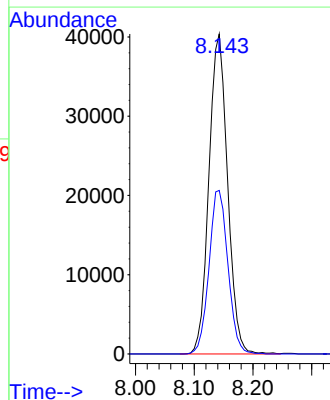
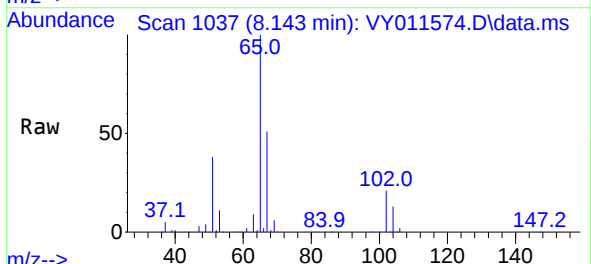


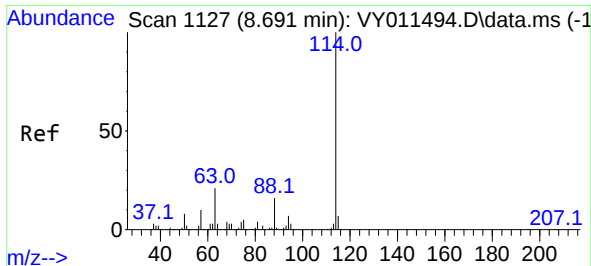
Tgt Ion: 56 Resp: 2530
Ion Ratio Lower Upper
56 100
69 157.2 26.7 40.1#
84 113.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 79.952 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion: 65 Resp: 88985
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011574.D

Acq: 23 Nov 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

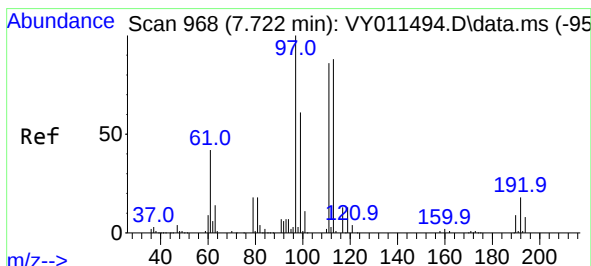
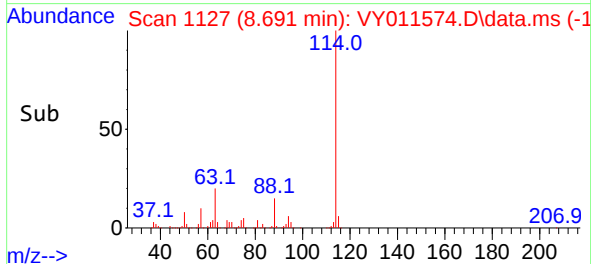
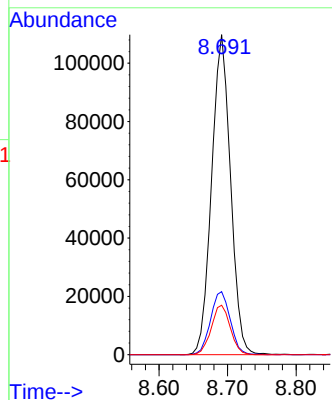
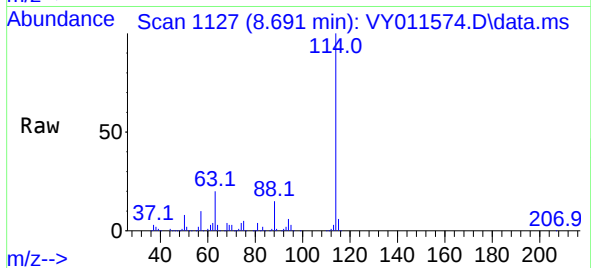
Tgt Ion:114 Resp: 210127

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.621 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011574.D

Acq: 23 Nov 2022 14:47

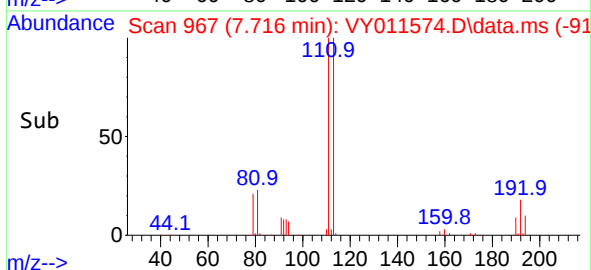
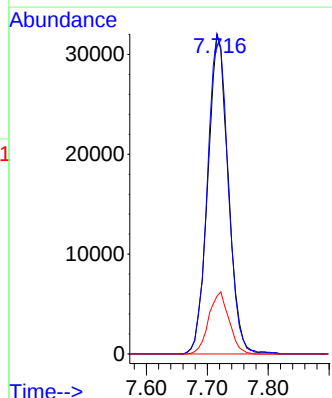
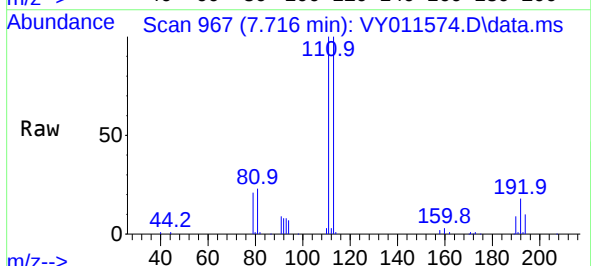
Tgt Ion:113 Resp: 74534

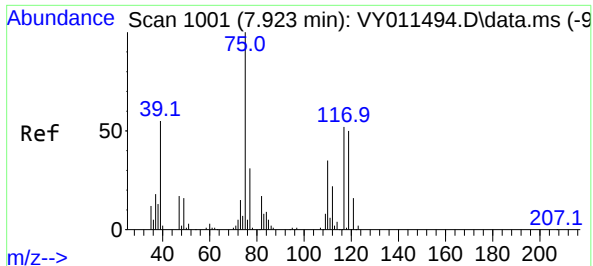
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 19.3 17.6 26.4

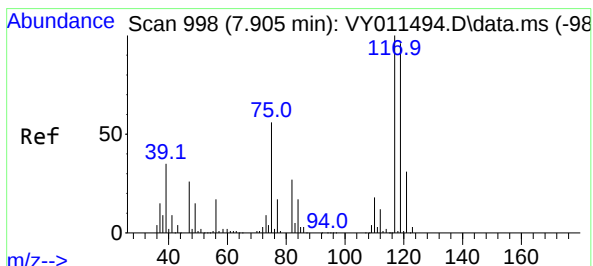
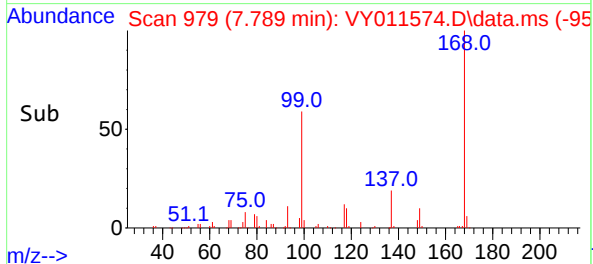
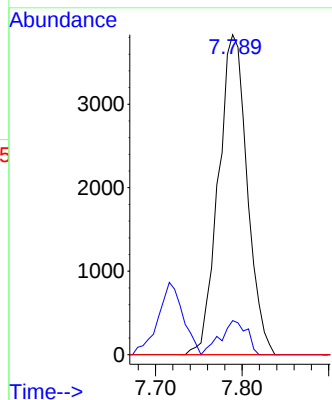
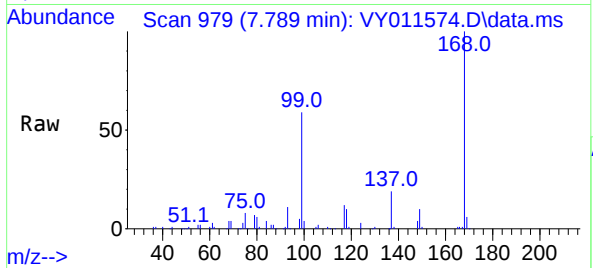




#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

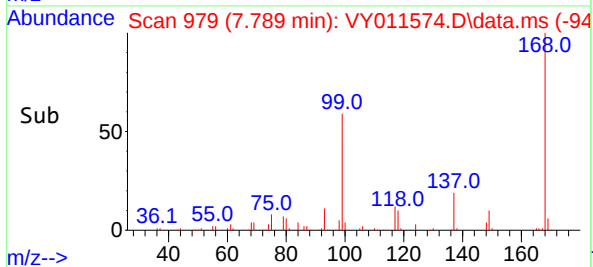
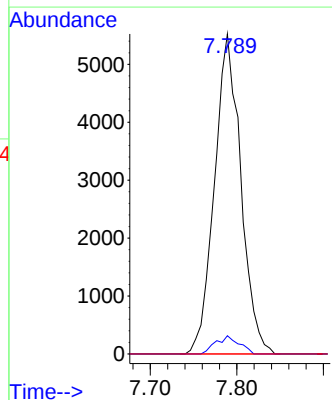
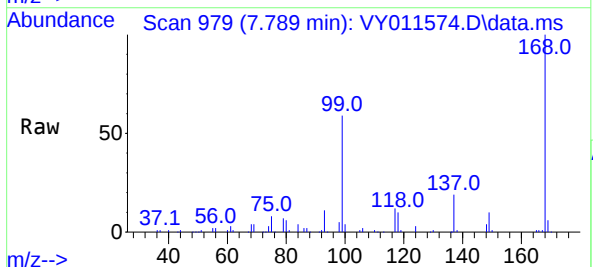
Instrument :
MSVOA_Y
ClientSampleId :

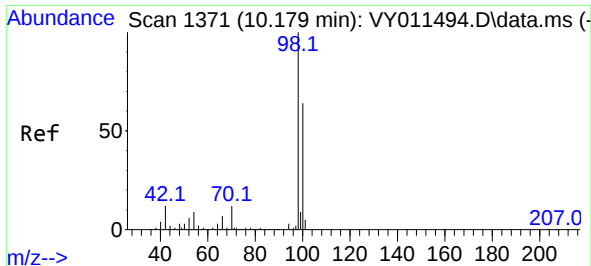
Tgt Ion: 75 Resp: 8844
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.161 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion: 117 Resp: 11674
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

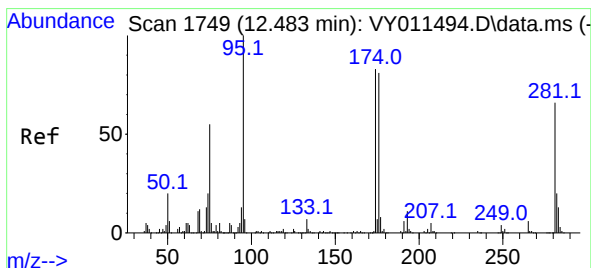
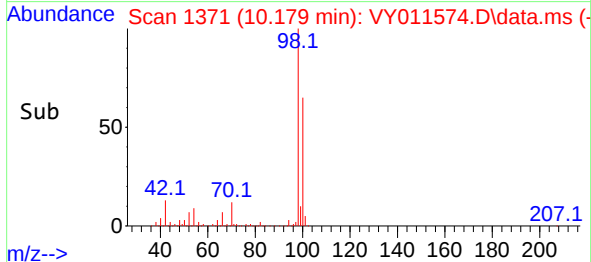
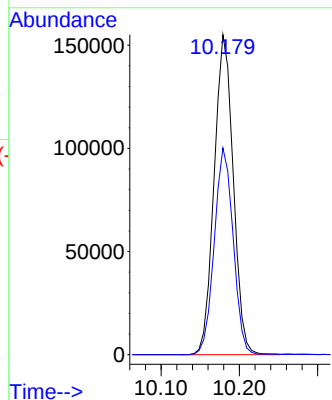
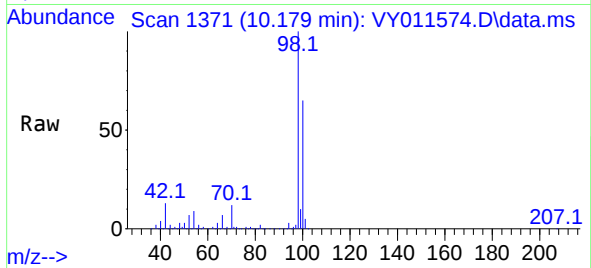




#50
Toluene-d8
Concen: 56.010 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

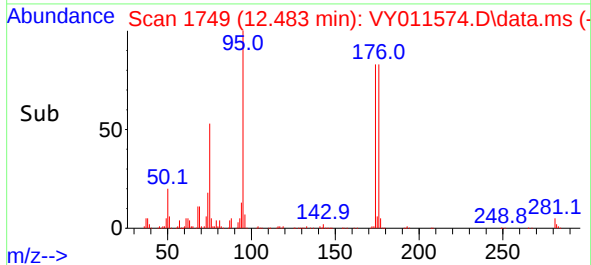
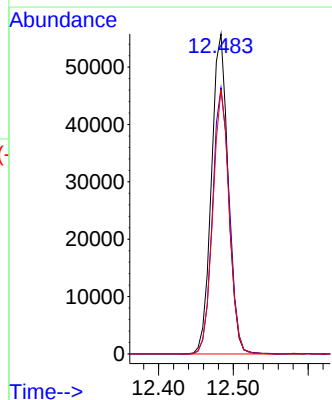
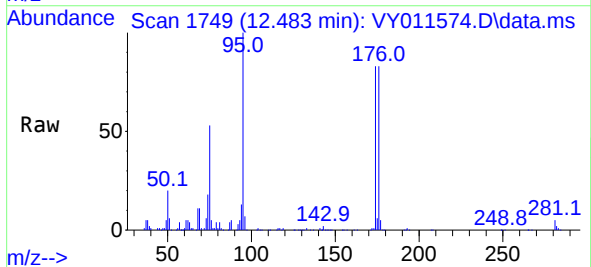
Instrument :
MSVOA_Y
ClientSampleId :

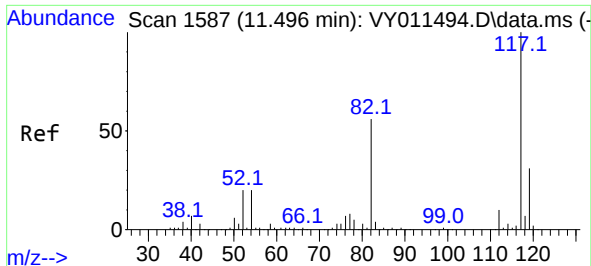
Tgt Ion: 98 Resp: 263279
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

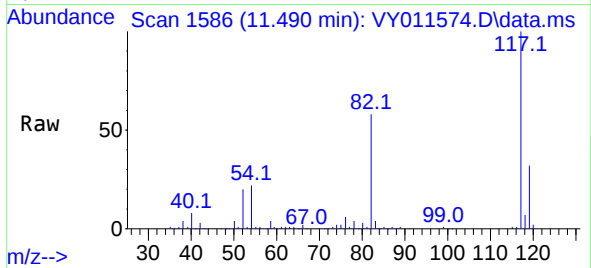
Tgt Ion: 95 Resp: 86532
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.1 0.0 175.8



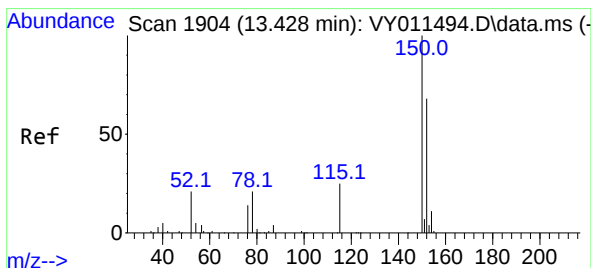
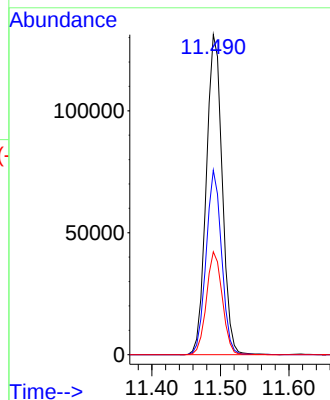
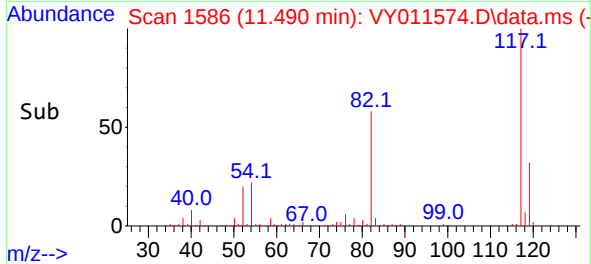


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

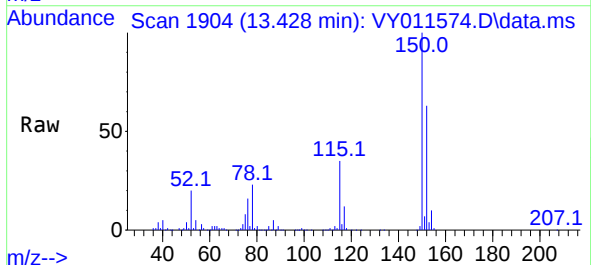
Instrument :
MSVOA_Y
ClientSampleId :



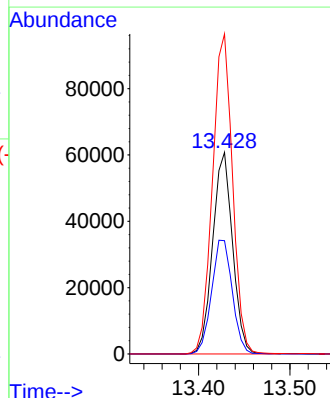
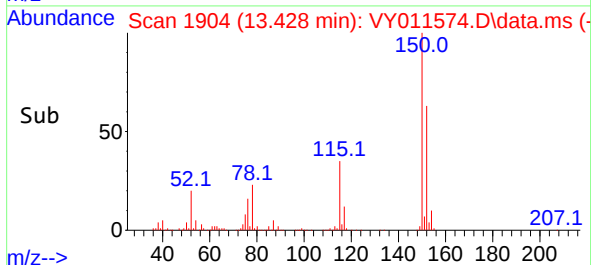
Tgt Ion:117 Resp: 212388
Ion Ratio Lower Upper
117 100
82 57.6 43.0 64.4
119 32.1 25.4 38.0

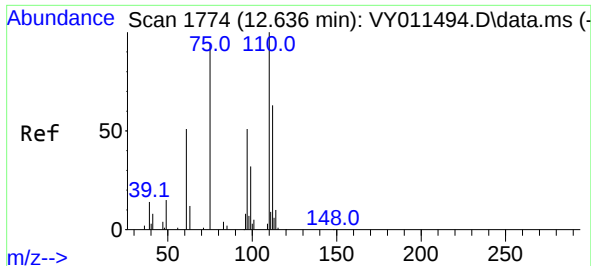


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47



Tgt Ion:152 Resp: 91940
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 159.8 0.0 347.6

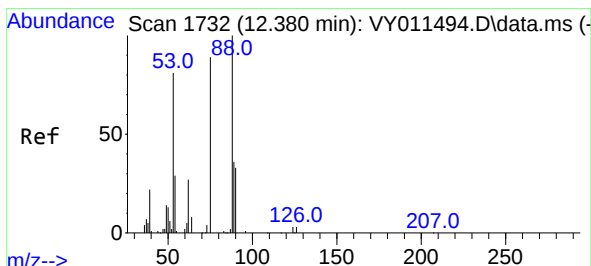
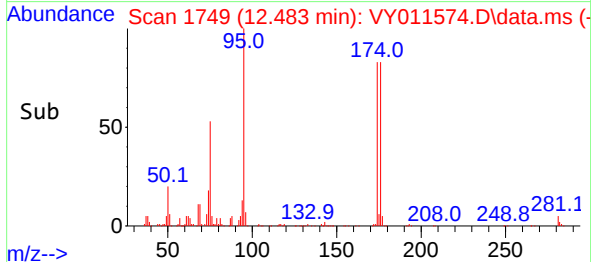
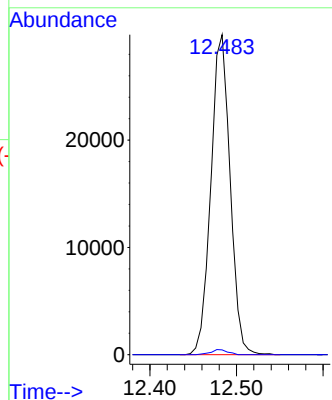
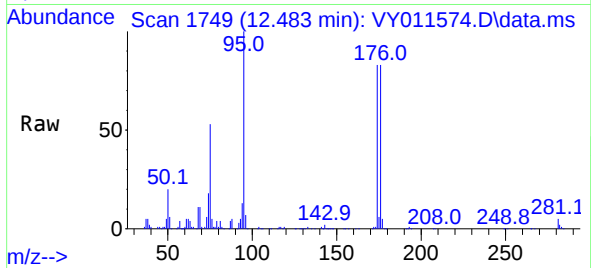




#76
1,2,3-Trichloropropane
Concen: 46.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

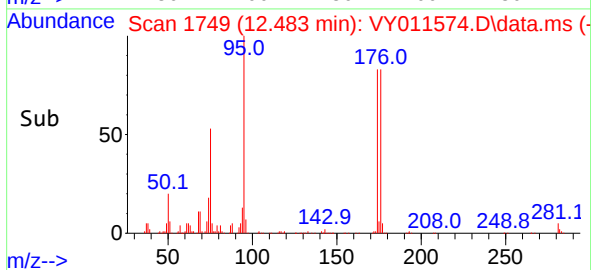
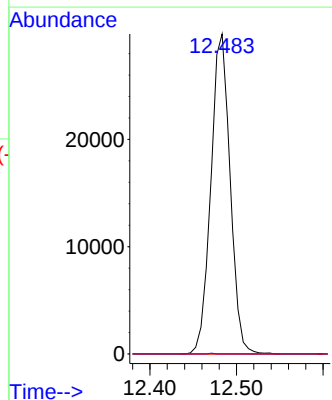
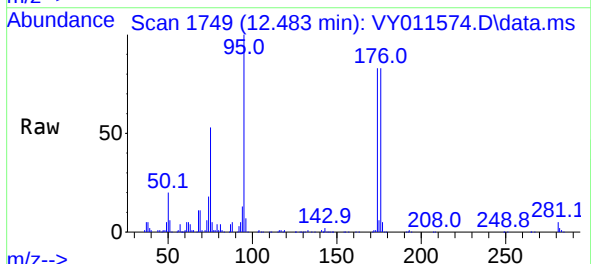
Instrument :
MSVOA_Y
ClientSampleId :

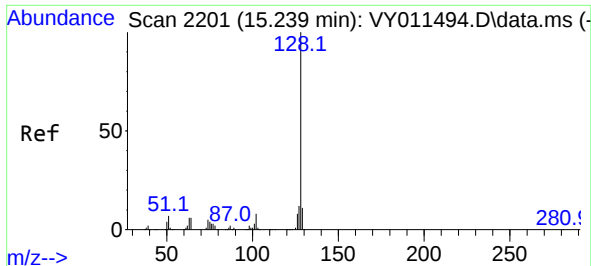
Tgt Ion: 75 Resp: 46076
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.928 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion: 75 Resp: 46076
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.039 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

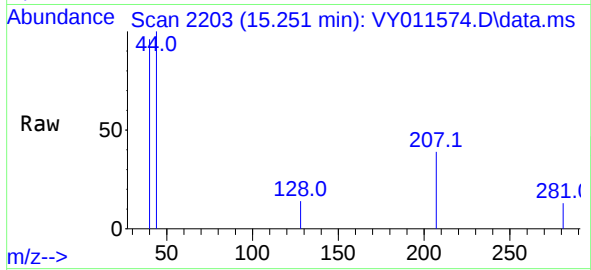
Lab File: VY011574.D

Acq: 23 Nov 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 65

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

