

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011406.D
 Acq On : 11 Nov 2022 10:30
 Operator : KP/MD
 Sample : VY1111SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBL01

Quant Time: Nov 11 13:32:08 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)

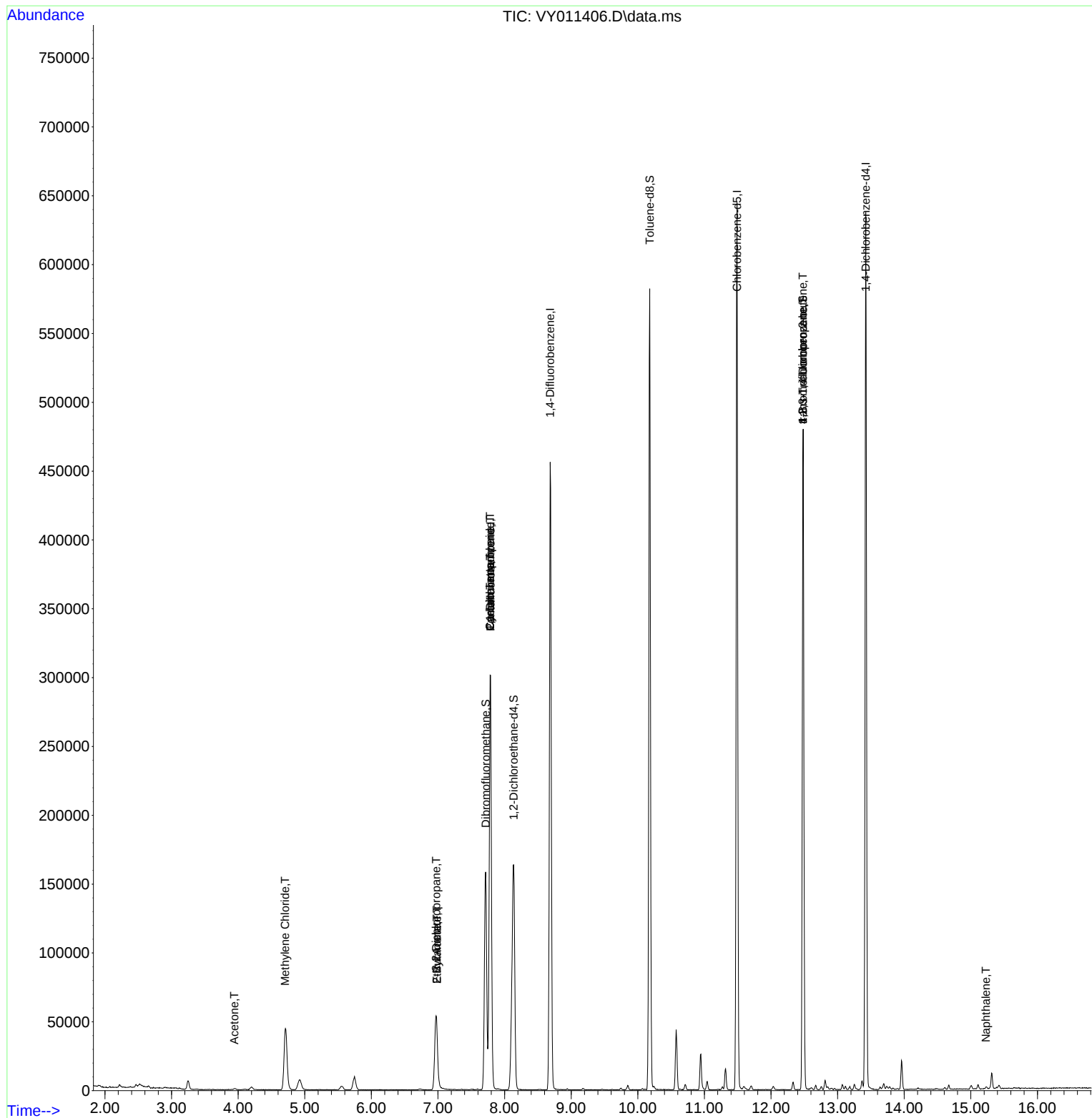
Internal Standards						
1) Pentafluorobenzene	7.789	168	245473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	410416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	367162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107840	52.426	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.860%			
35) Dibromofluoromethane	7.716	113	116425	50.618	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.179	98	394592	44.907	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.820%			
62) 4-Bromofluorobenzene	12.477	95	138292	45.123	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	913	Below Cal		89
11) Tert butyl alcohol	4.923	59	7612	Below Cal	#	77
16) Acetone	3.942	43	1780	3.279	ug/l	96
18) Methyl Acetate	4.478	43	21	Below Cal	#	56
20) Methylene Chloride	4.704	84	38027	6.347	ug/l	# 74
25) 2-Butanone	6.984	43	2727	3.527	ug/l	92
26) 2,2-Dichloropropane	6.972	77	4369	1.131	ug/l	# 55
31) Cyclohexane	7.783	56	4286	1.160	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	16741	4.690	ug/l	# 51
37) Ethyl Acetate	6.984	43	2727	1.590	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	22965	5.914	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	65874	33.488	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	65874	80.495	ug/l	# 7
95) Naphthalene	15.227	128	1653	3.516	ug/l	# 91

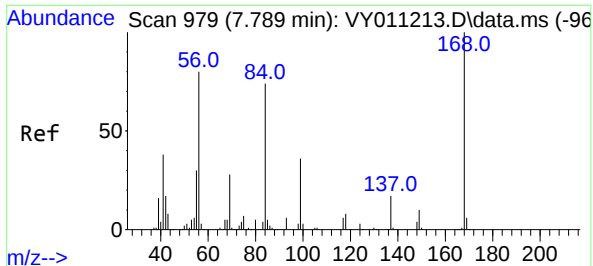
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

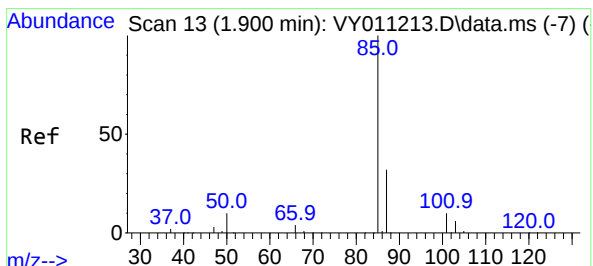
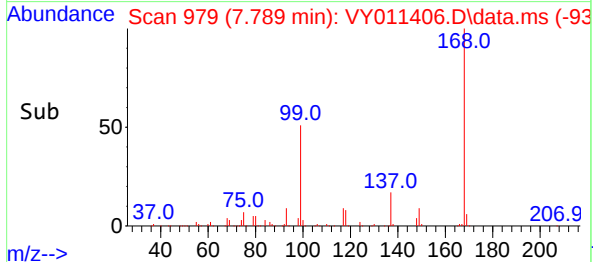
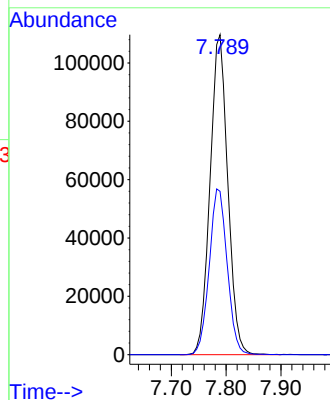
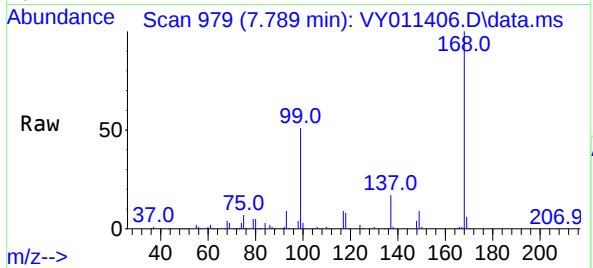




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

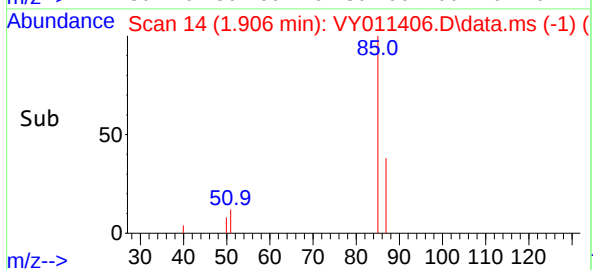
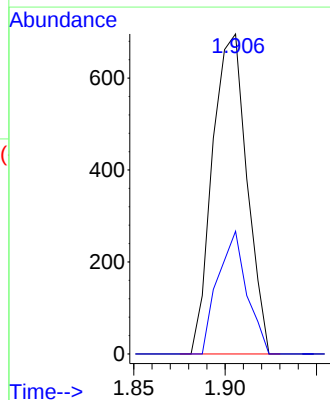
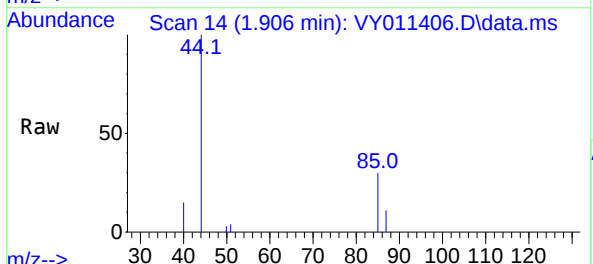
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01

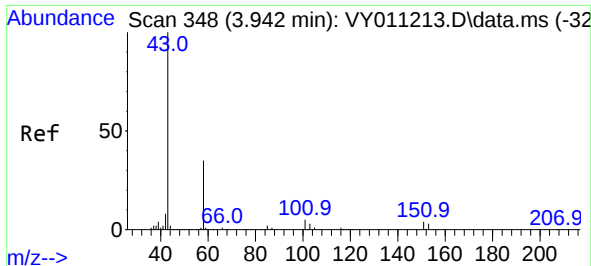
Tgt Ion:168 Resp: 245473
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion: 85 Resp: 913
Ion Ratio Lower Upper
85 100
87 38.4 16.1 48.2

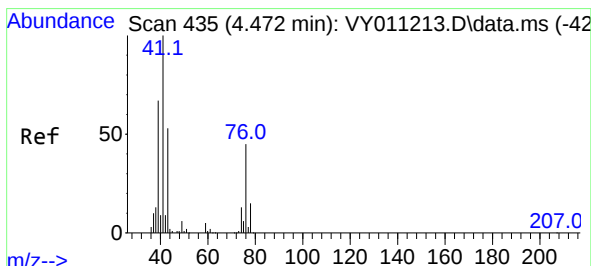
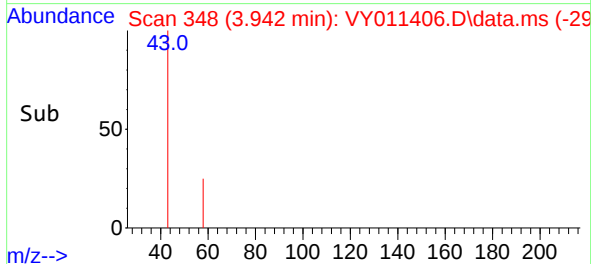
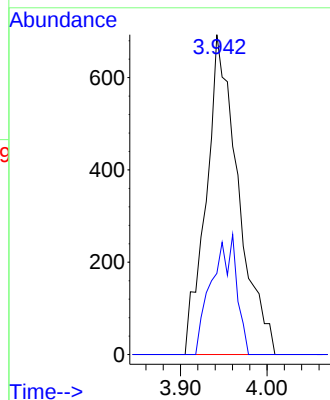
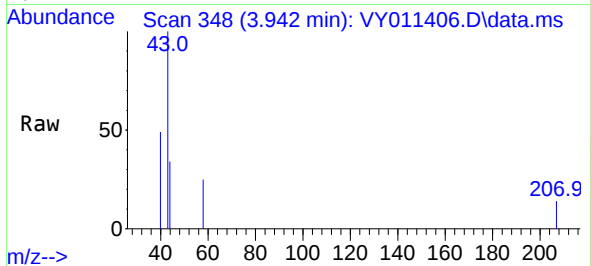




#16
Acetone
Concen: 3.279 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

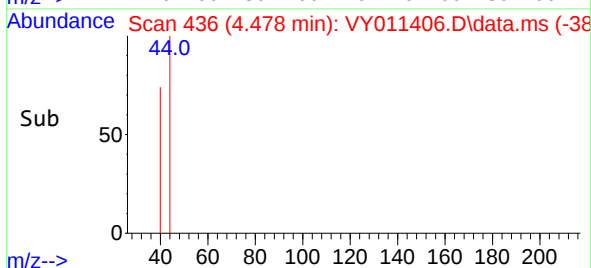
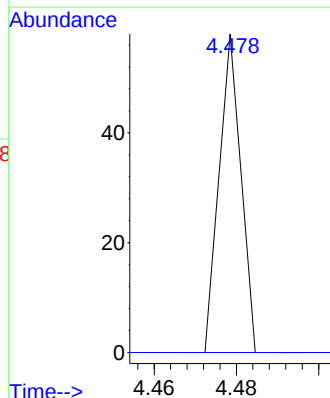
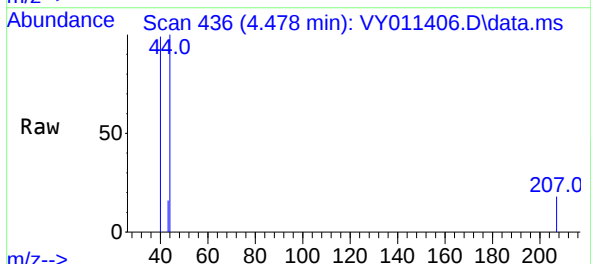
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01

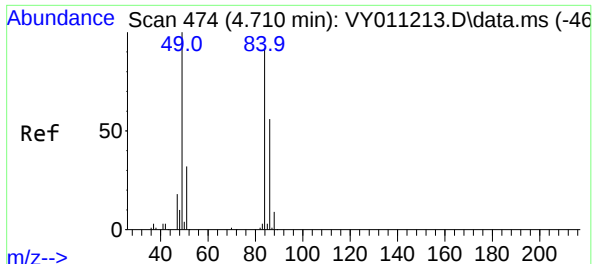
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
58 25.4 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

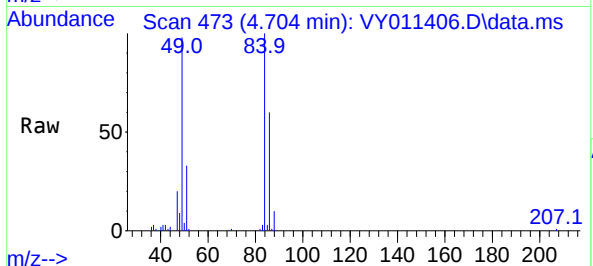
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





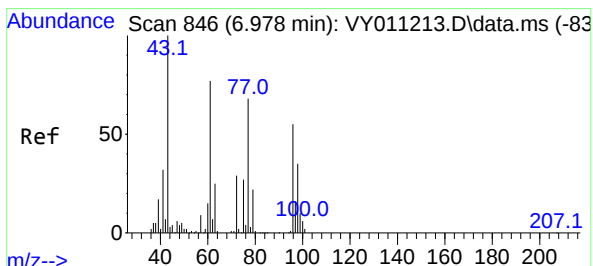
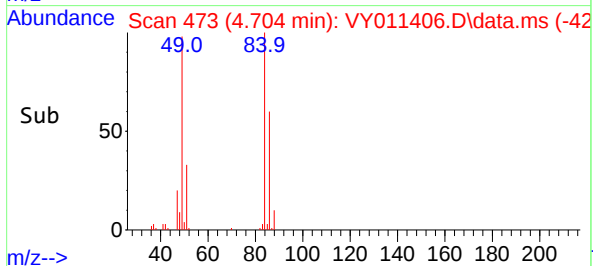
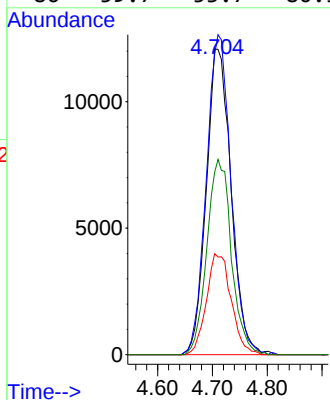
#20
Methylene Chloride
Concen: 6.347 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01



Tgt Ion: 84 Resp: 38027

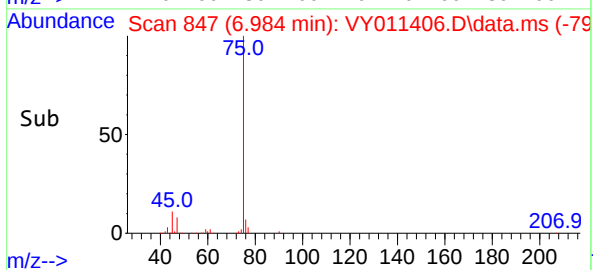
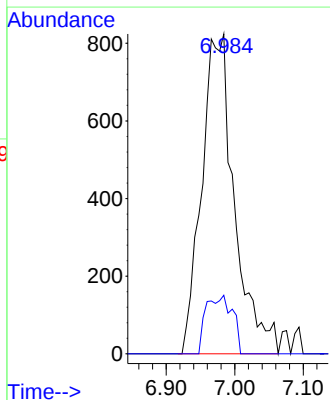
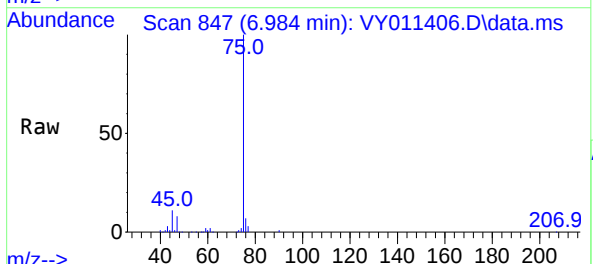
Ion	Ratio	Lower	Upper
84	100		
49	98.3	114.4	171.6#
51	33.0	35.3	52.9#
86	59.7	53.7	80.5

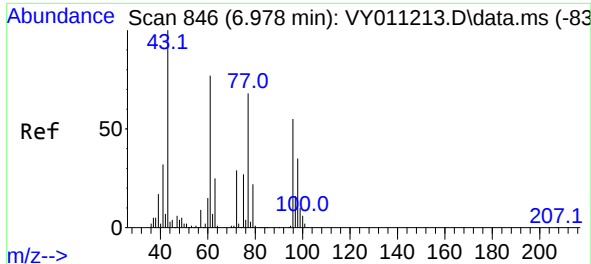


#25
2-Butanone
Concen: 3.527 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion: 43 Resp: 2727

Ion	Ratio	Lower	Upper
43	100		
72	18.3	17.7	26.5

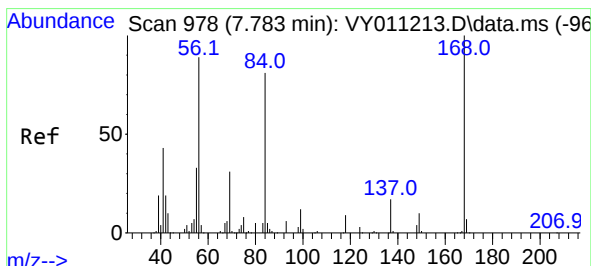
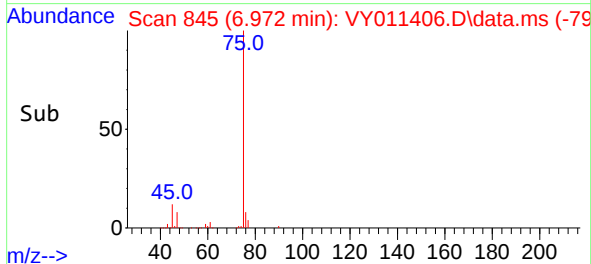
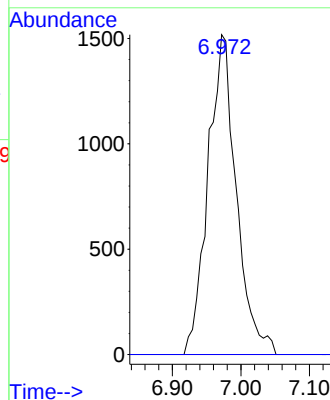
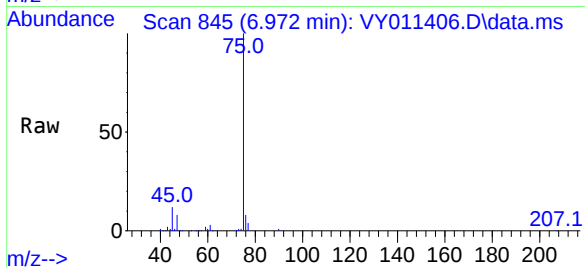




#26
2,2-Dichloropropane
Concen: 1.131 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

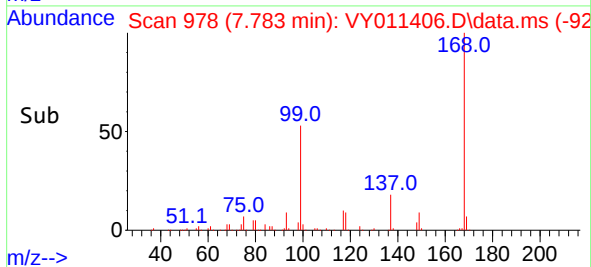
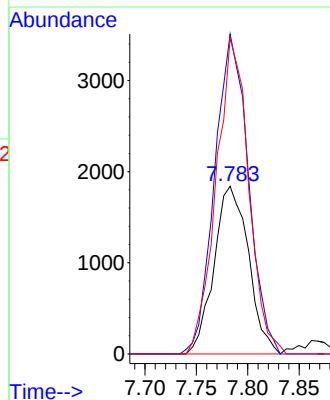
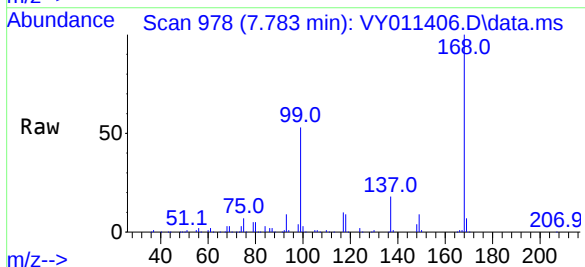
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01

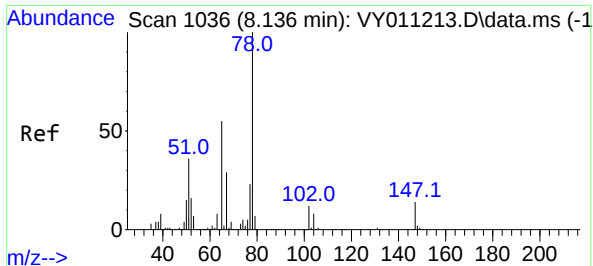
Tgt Ion: 77 Resp: 4369
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion: 56 Resp: 4286
Ion Ratio Lower Upper
56 100
69 190.9 26.7 40.1#
84 188.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.426 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011406.D

Acq: 11 Nov 2022 10:30

Instrument :

MSVOA_Y

ClientSampleId :

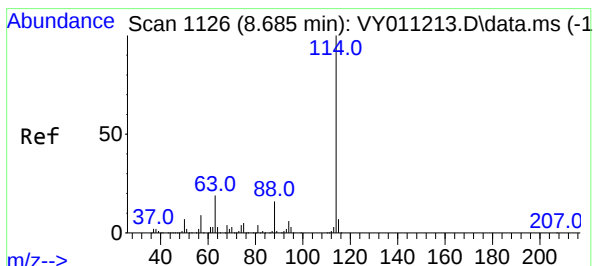
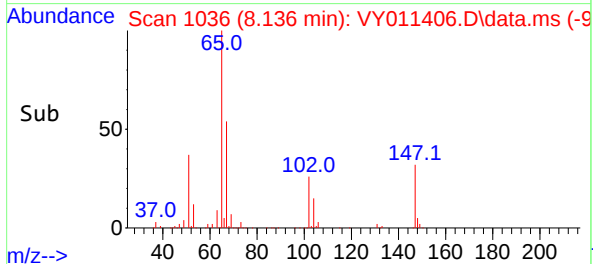
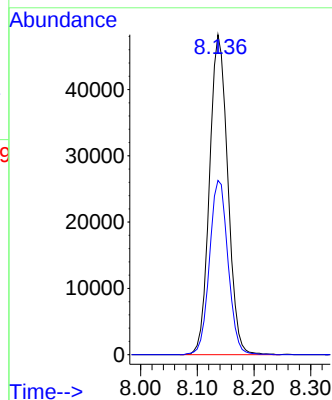
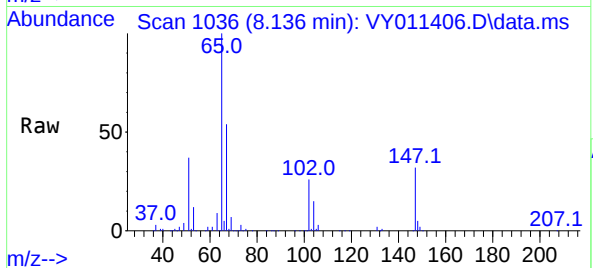
VY1111SBL01

Tgt Ion: 65 Resp: 107840

Ion Ratio Lower Upper

65 100

67 55.3 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: VY011406.D

Acq: 11 Nov 2022 10:30

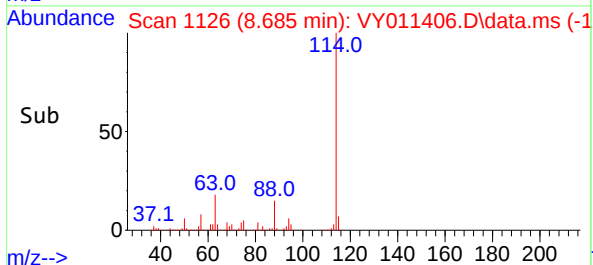
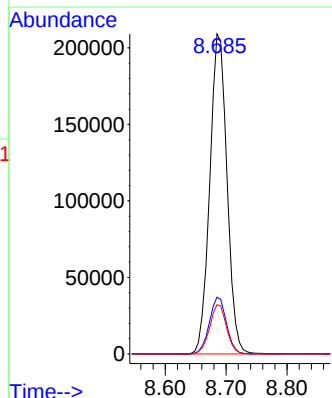
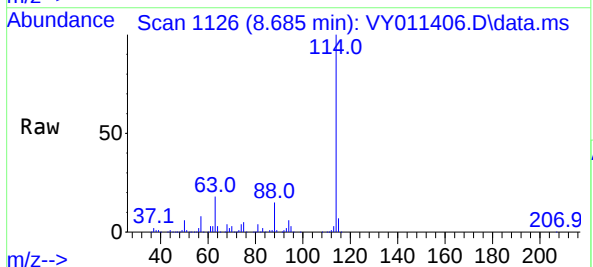
Tgt Ion: 114 Resp: 410416

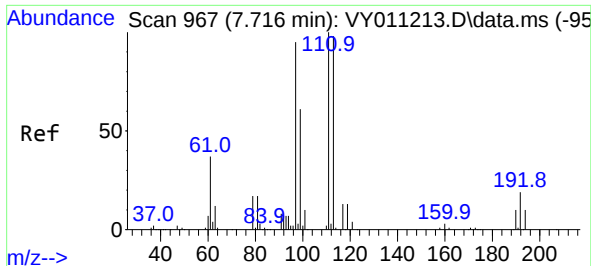
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 15.4 0.0 31.8

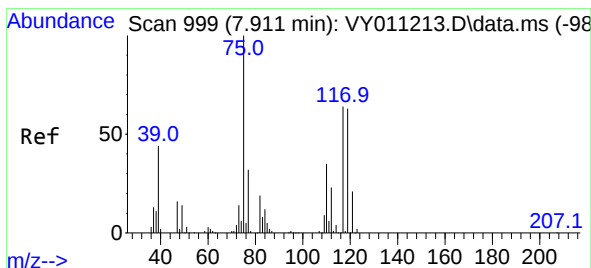
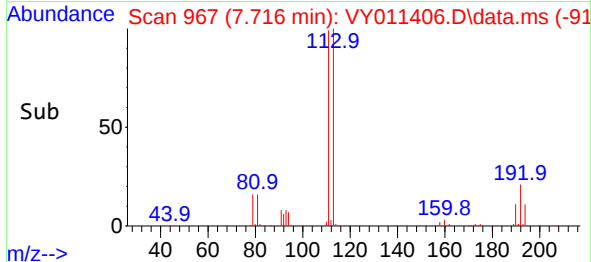
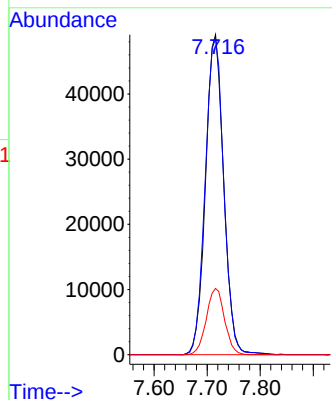
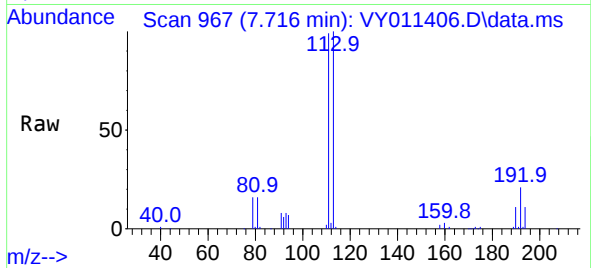




#35
Dibromofluoromethane
Concen: 50.618 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

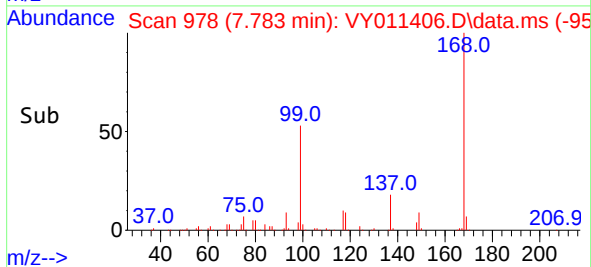
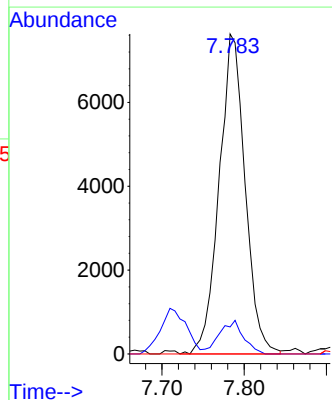
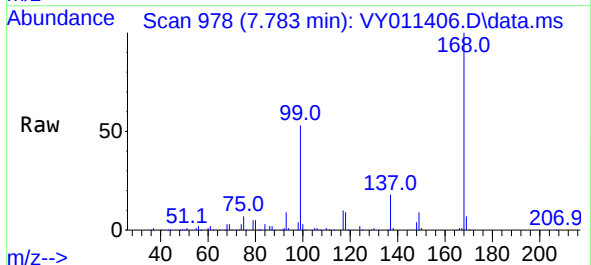
Instrument :
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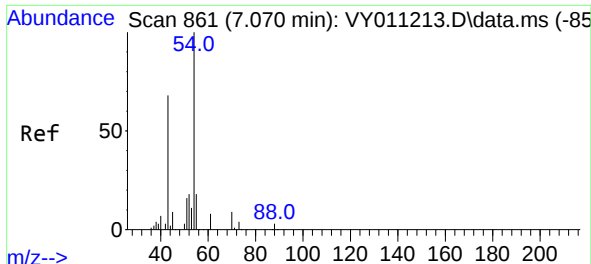
Tgt Ion:113 Resp: 116425
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.690 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion: 75 Resp: 16741
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.590 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY011406.D

Acq: 11 Nov 2022 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBL01

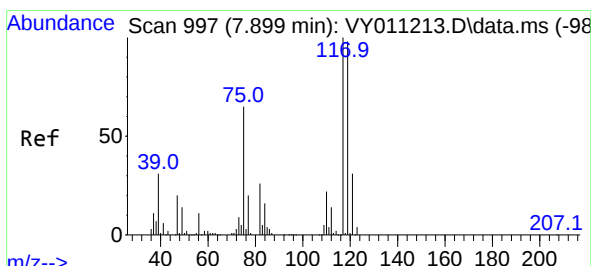
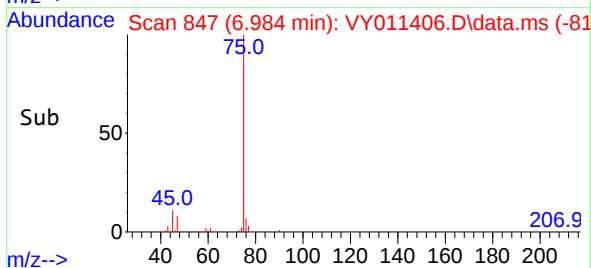
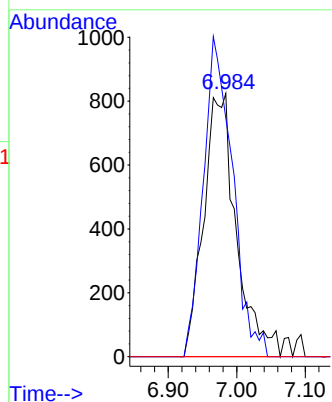
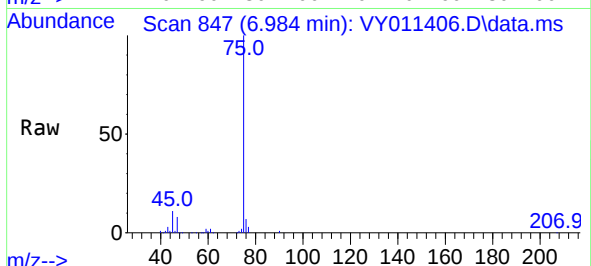
Tgt Ion: 43 Resp: 2727

Ion Ratio Lower Upper

43 100

61 108.8 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.914 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011406.D

Acq: 11 Nov 2022 10:30

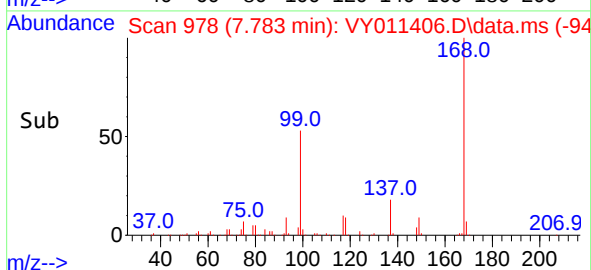
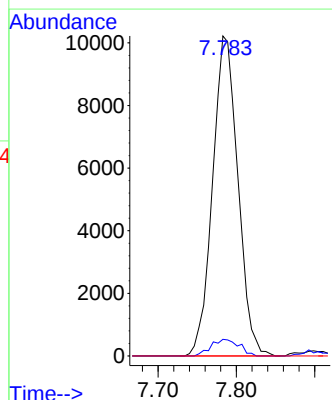
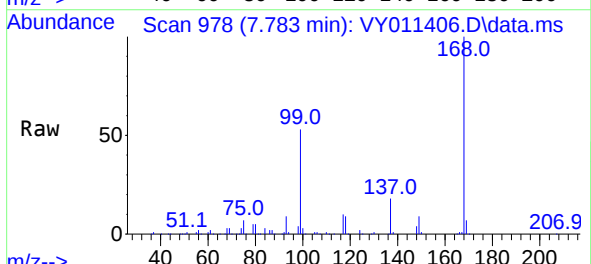
Tgt Ion: 117 Resp: 22965

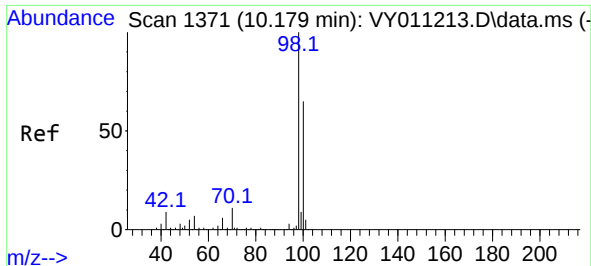
Ion Ratio Lower Upper

117 100

119 5.2 77.9 116.9#

121 0.0 24.8 37.2#

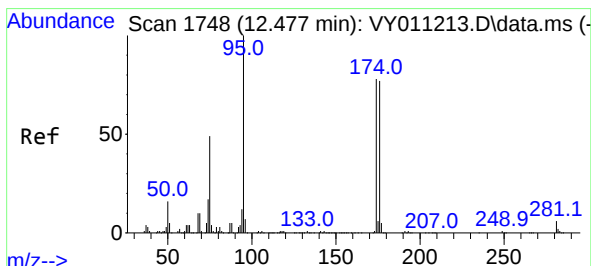
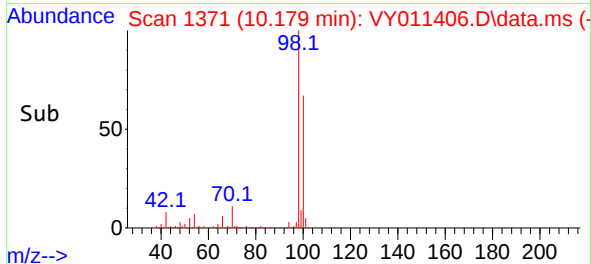
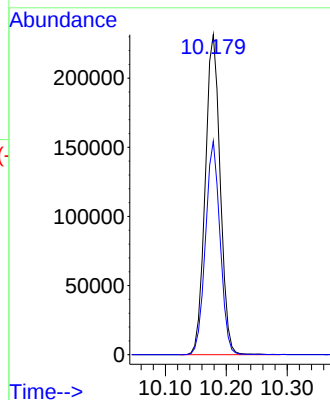
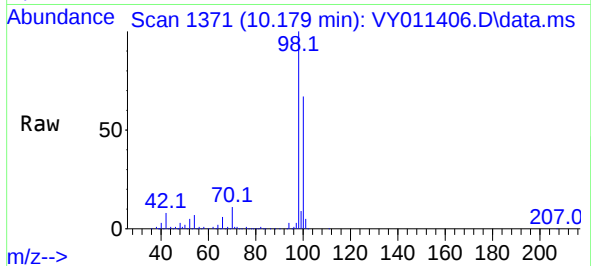




#50
Toluene-d8
Concen: 44.907 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

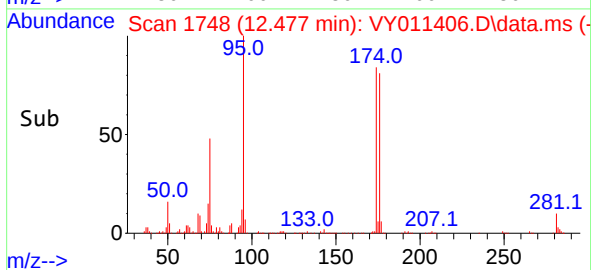
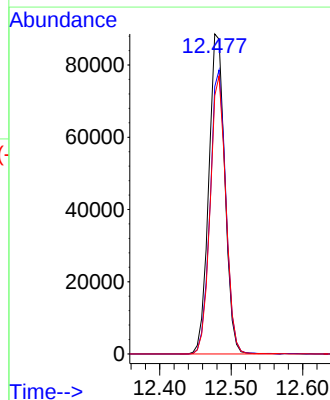
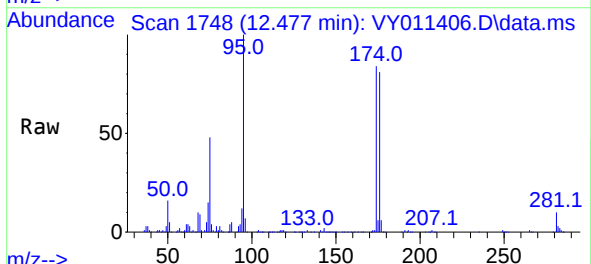
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01

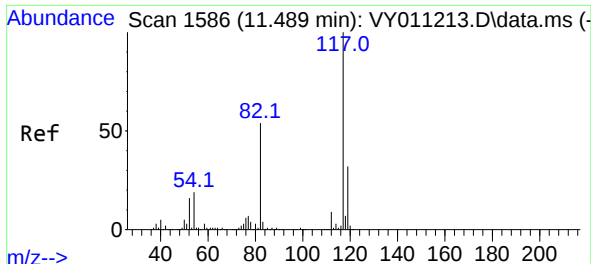
Tgt Ion: 98 Resp: 394592
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.123 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion: 95 Resp: 138292
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 84.7 0.0 175.8

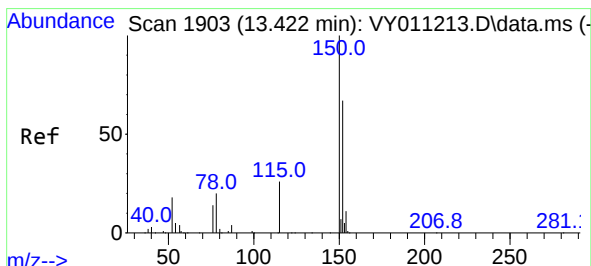
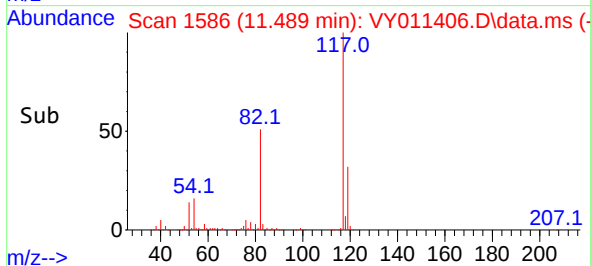
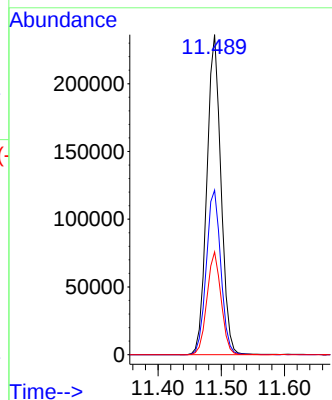
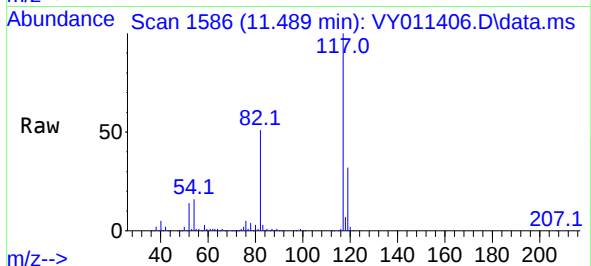




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

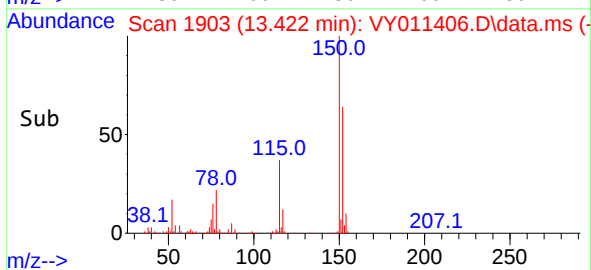
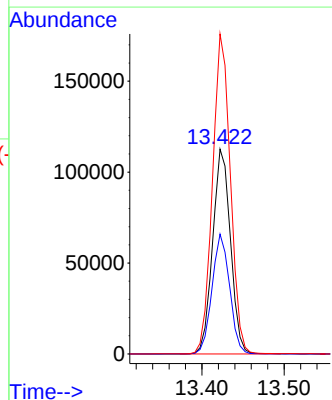
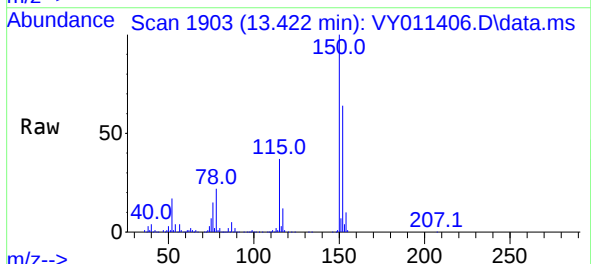
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01

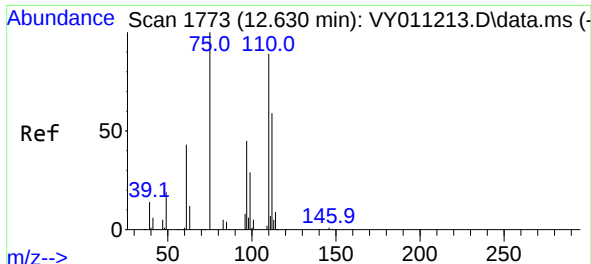
Tgt Ion:117 Resp: 367162
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion:152 Resp: 169940
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 156.2 0.0 347.6

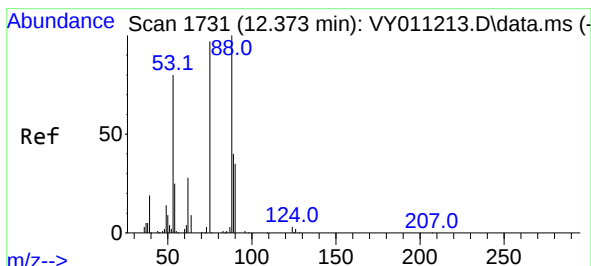
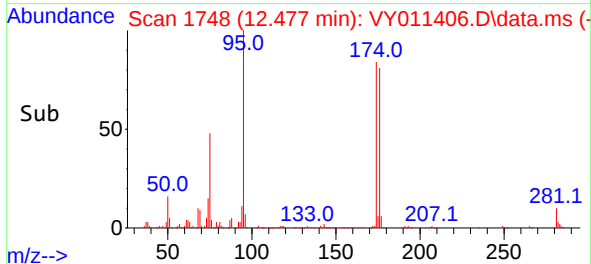
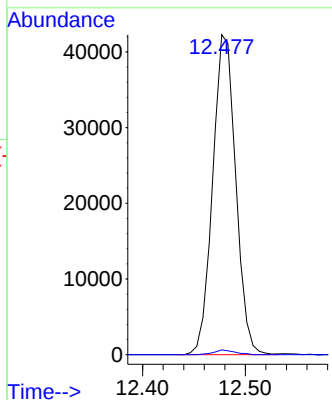
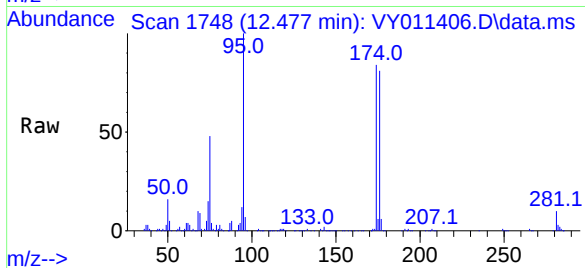




#76
1,2,3-Trichloropropane
Concen: 33.488 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

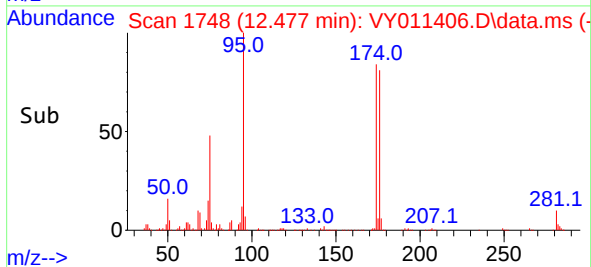
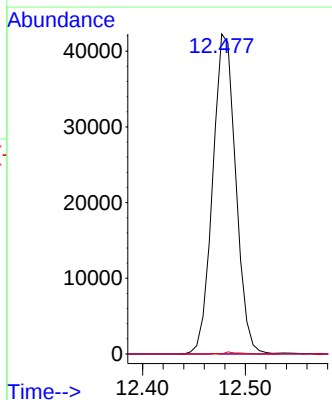
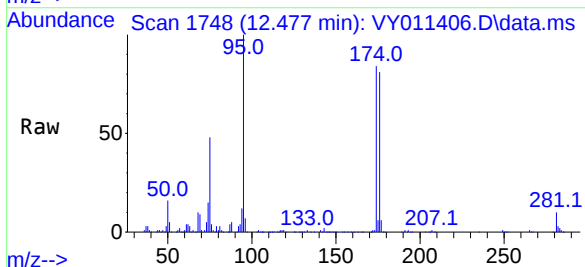
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01

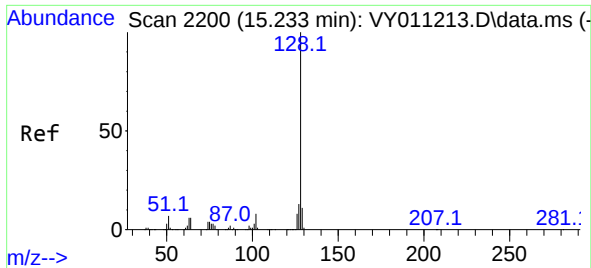
Tgt Ion: 75 Resp: 65874
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.495 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

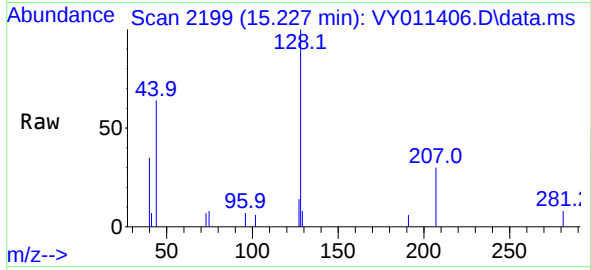
Tgt Ion: 75 Resp: 65874
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.4 37.0 55.4#





#95
Naphthalene
Concen: 3.516 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01



Tgt Ion:	128	Resp:	1653
Ion	Ratio	Lower	Upper
128	100		
127	11.4	11.0	16.4
129	5.3	8.4	12.6#

