

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011411.D
 Acq On : 11 Nov 2022 12:24
 Operator : KP/MD
 Sample : N5561-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06

Quant Time: Nov 11 13:33:20 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)

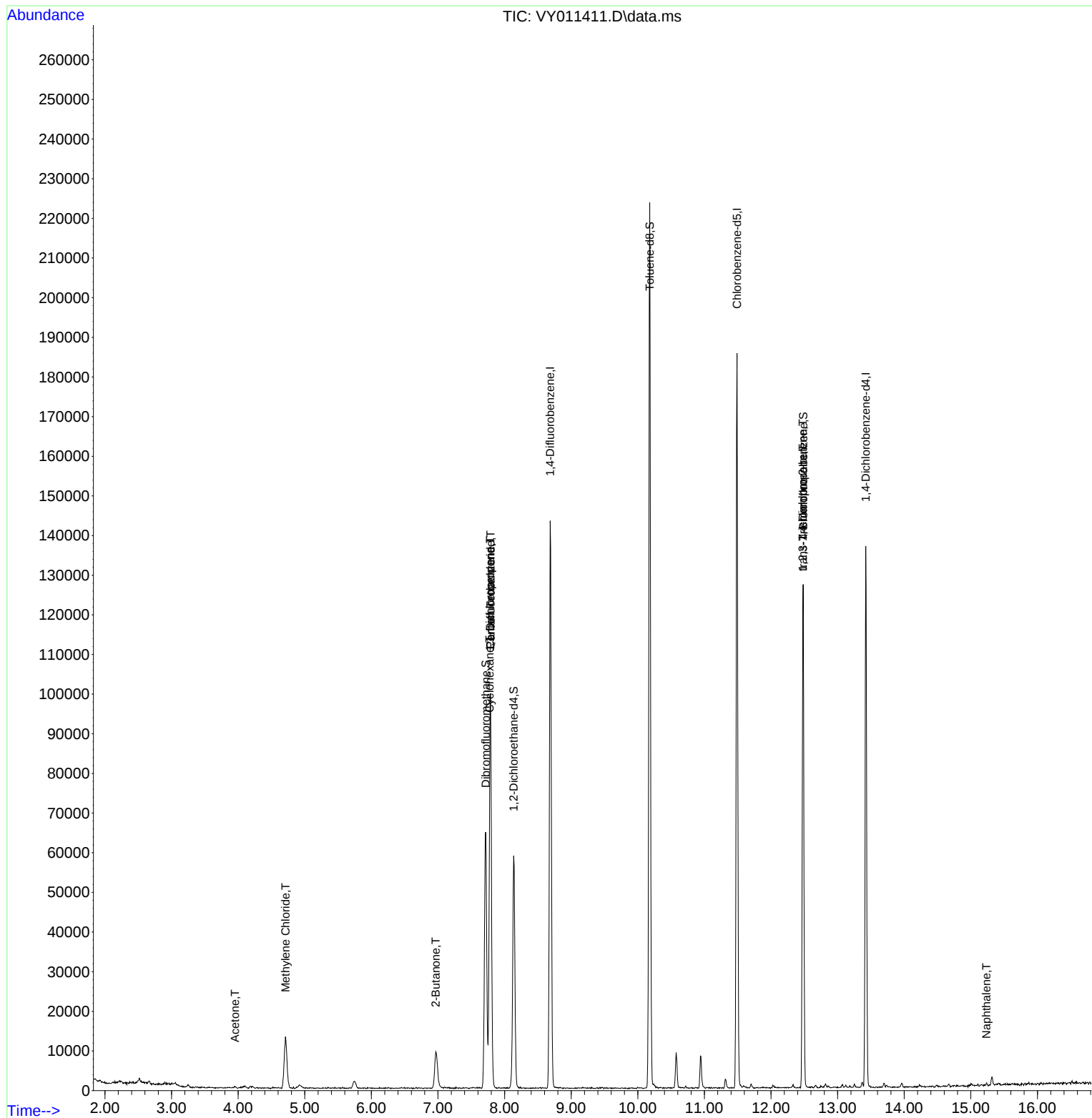
Internal Standards						
1) Pentafluorobenzene	7.789	168	81945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	107145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45134	65.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.460%	
35) Dibromofluoromethane	7.716	113	47162	65.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.840%	
50) Toluene-d8	10.179	98	155002	56.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.560%	
62) 4-Bromofluorobenzene	12.483	95	40306	41.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	99	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	890	Below Cal	#	77
16) Acetone	3.954	43	477	2.632	ug/l #	22
18) Methyl Acetate	4.210	43	101	Below Cal	#	56
20) Methylene Chloride	4.710	84	10644	3.899	ug/l #	76
25) 2-Butanone	6.966	43	481	1.864	ug/l #	54
31) Cyclohexane	7.777	56	1534	1.243	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	5736	5.127	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7677	6.308	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	19158	43.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	19158	105.257	ug/l #	7
95) Naphthalene	15.233	128	531	3.622	ug/l #	69

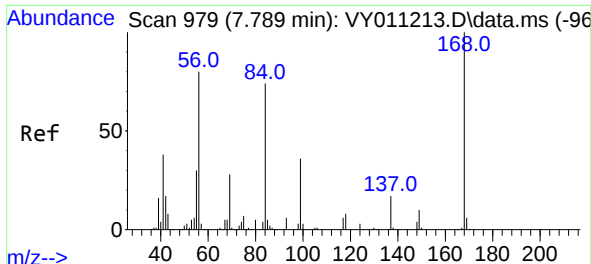
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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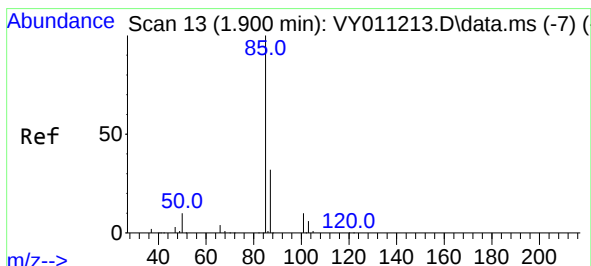
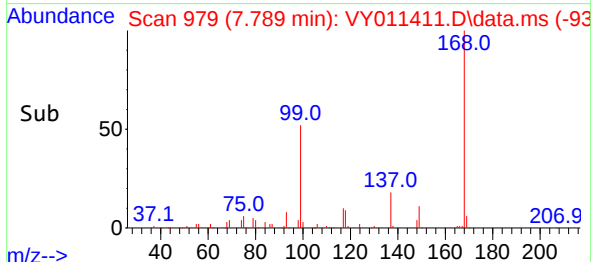
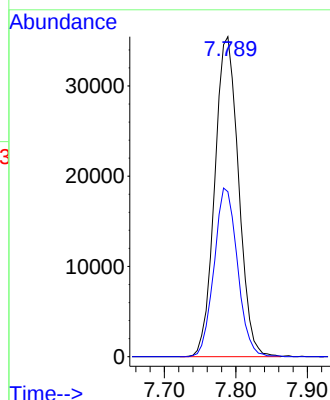
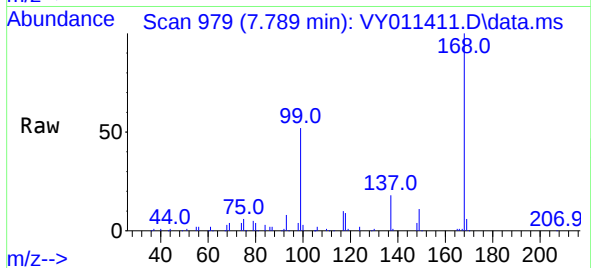




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

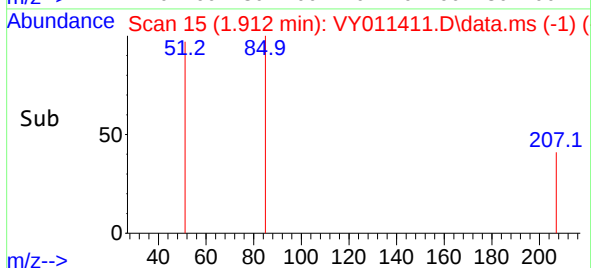
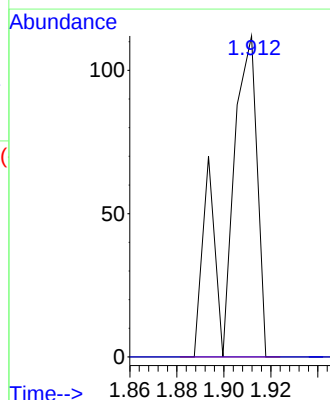
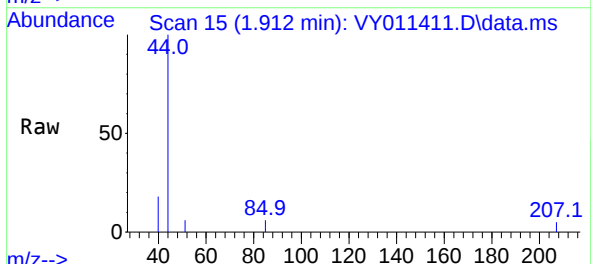
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

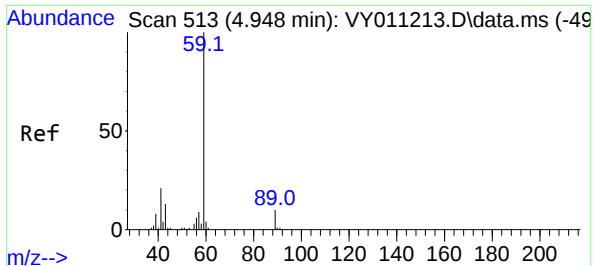
Tgt Ion:168 Resp: 81945
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion: 85 Resp: 99
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY011411.D

Acq: 11 Nov 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

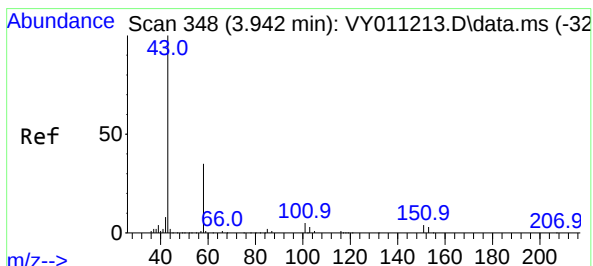
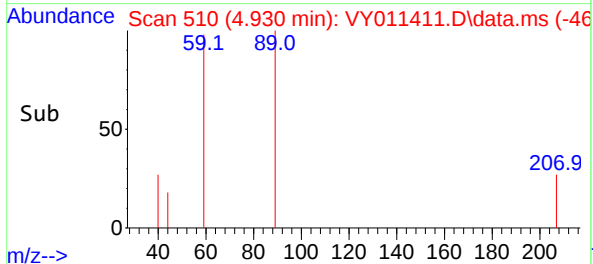
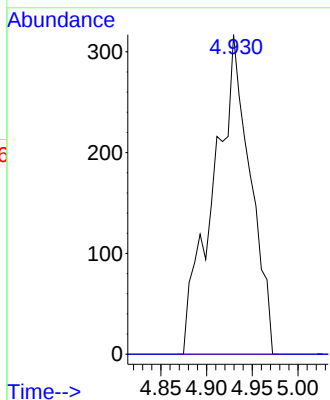
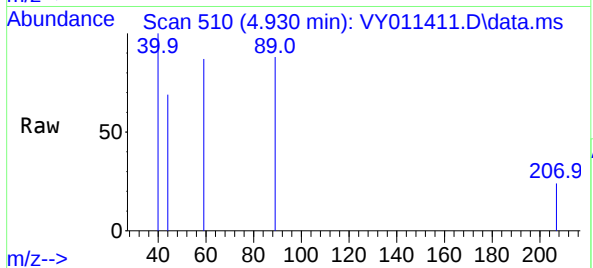
SB-06

Tgt Ion: 59 Resp: 890

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.632 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY011411.D

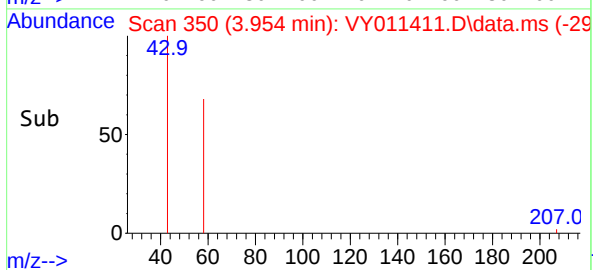
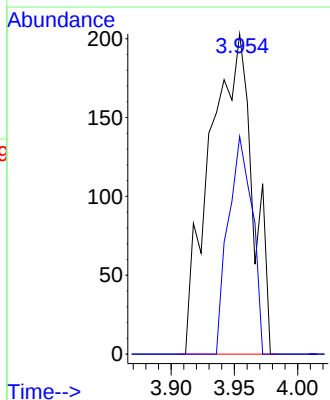
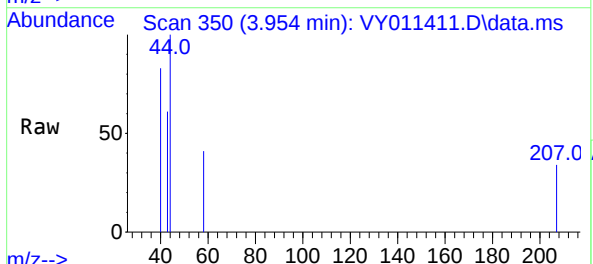
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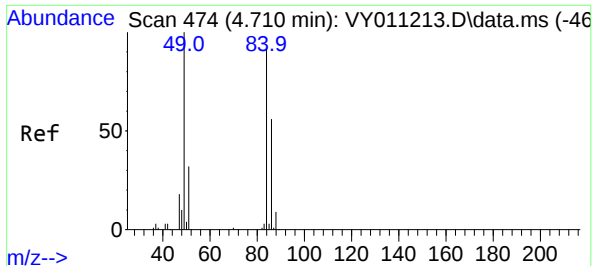
Tgt Ion: 43 Resp: 477

Ion Ratio Lower Upper

43 100

58 68.0 22.0 33.0#

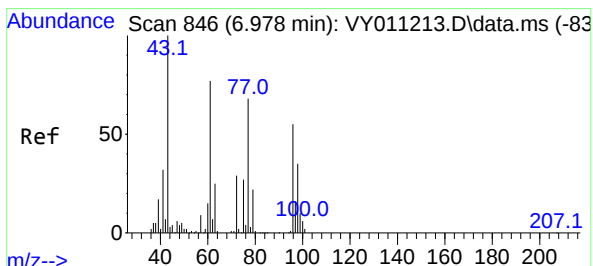
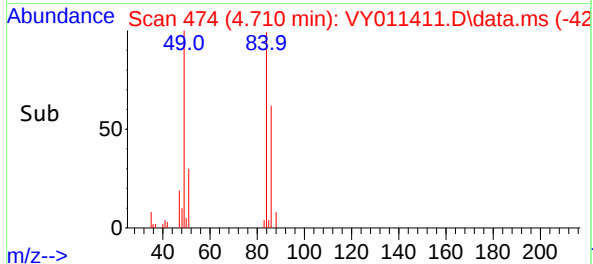
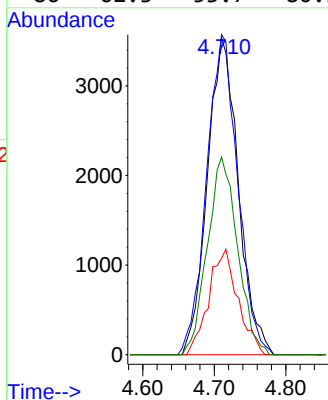
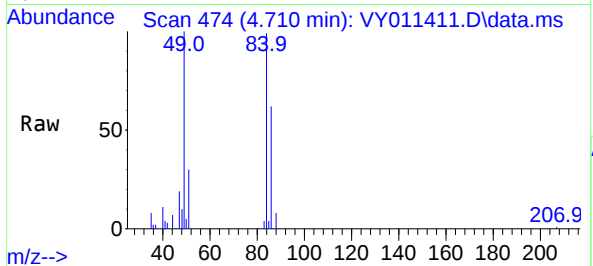




#20
Methylene Chloride
Concen: 3.899 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

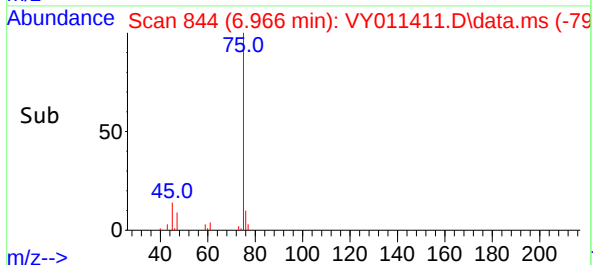
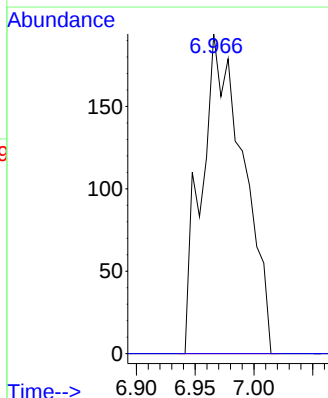
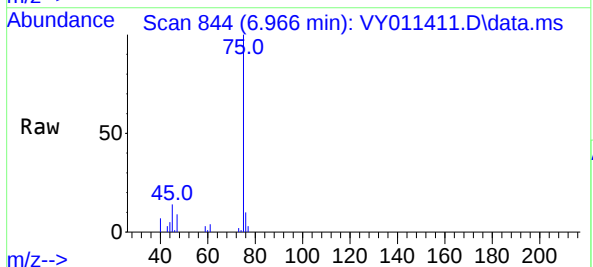
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

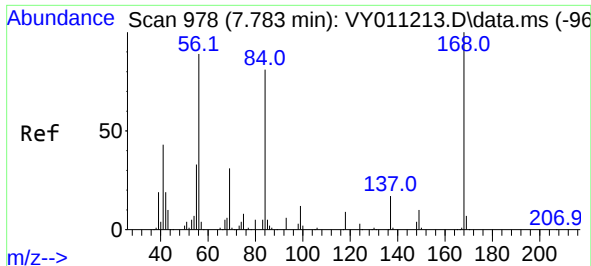
Tgt Ion: 84 Resp: 10644
Ion Ratio Lower Upper
84 100
49 101.0 114.4 171.6#
51 30.4 35.3 52.9#
86 62.3 53.7 80.5



#25
2-Butanone
Concen: 1.864 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

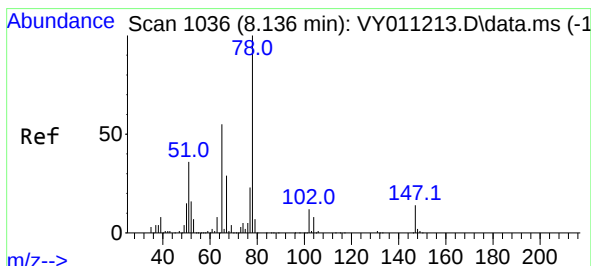
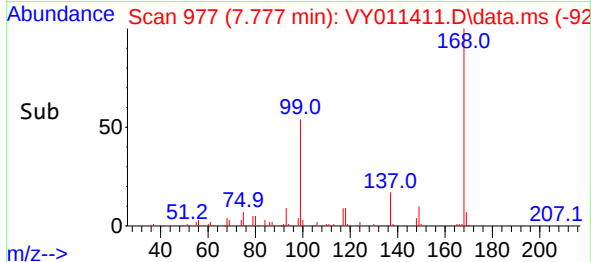
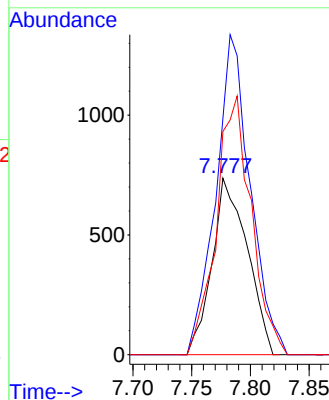
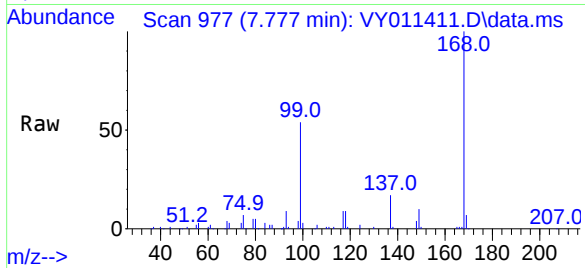




#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

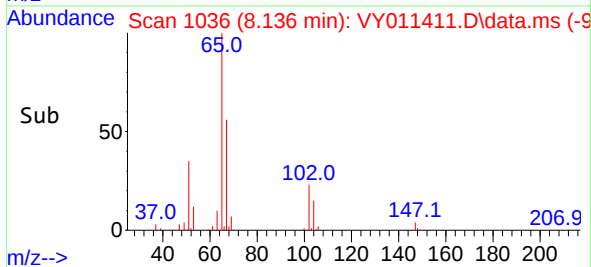
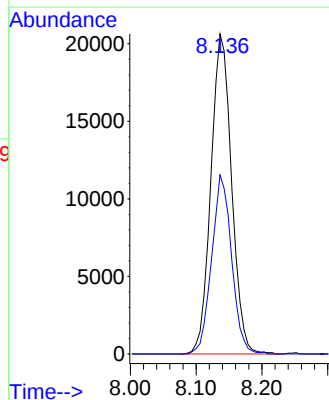
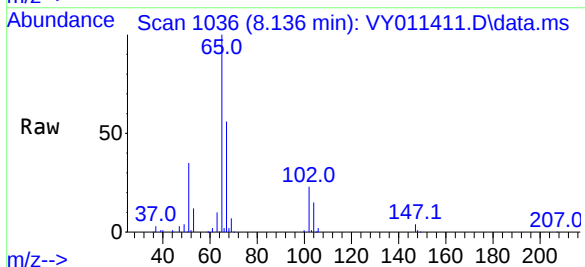
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

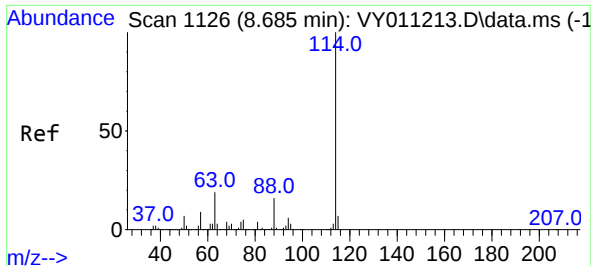
Tgt Ion: 56 Resp: 1534
Ion Ratio Lower Upper
56 100
69 133.9 26.7 40.1#
84 126.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.728 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion: 65 Resp: 45134
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011411.D

Acq: 11 Nov 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-06

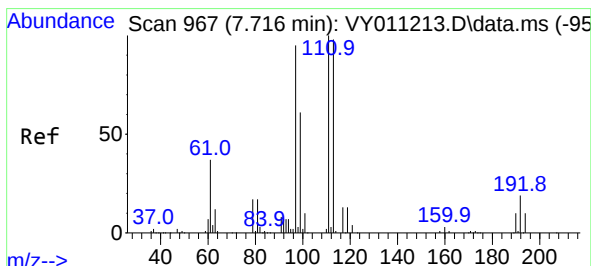
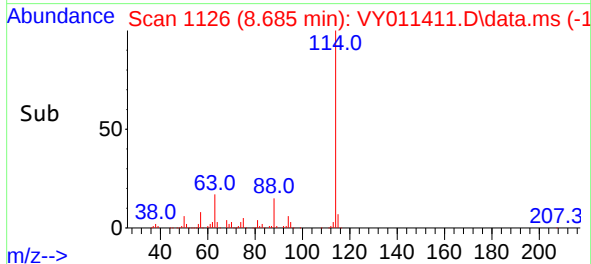
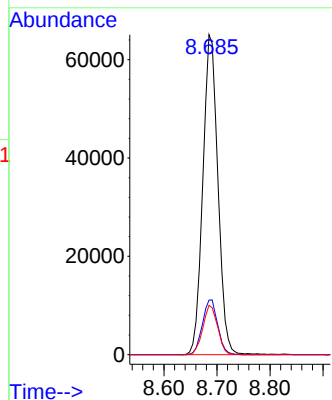
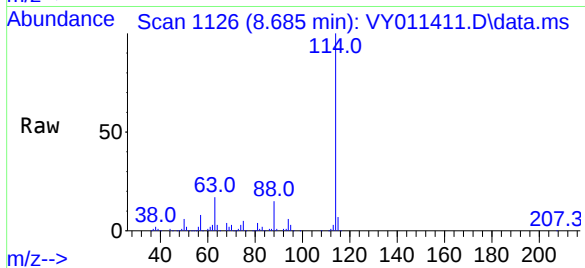
Tgt Ion:114 Resp: 128629

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.424 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011411.D

Acq: 11 Nov 2022 12:24

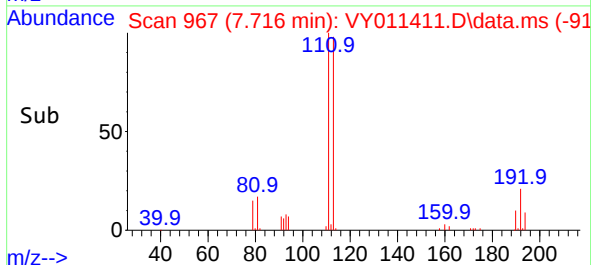
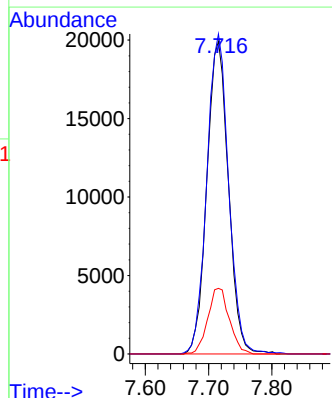
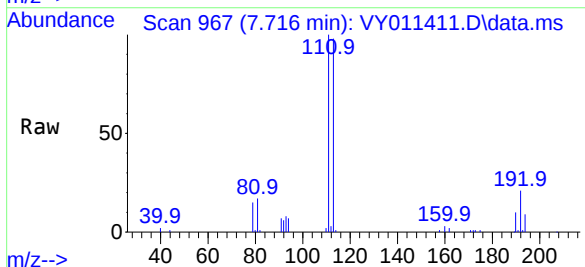
Tgt Ion:113 Resp: 47162

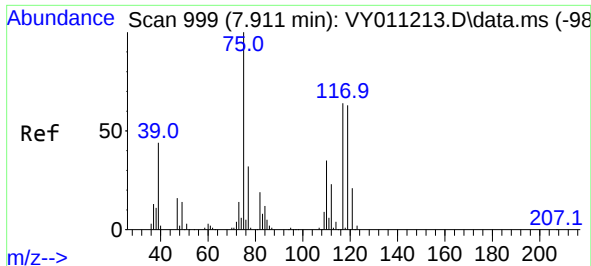
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 21.0 17.6 26.4

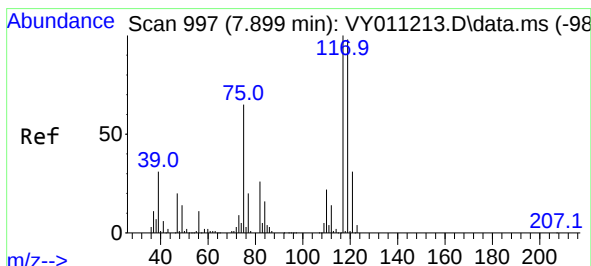
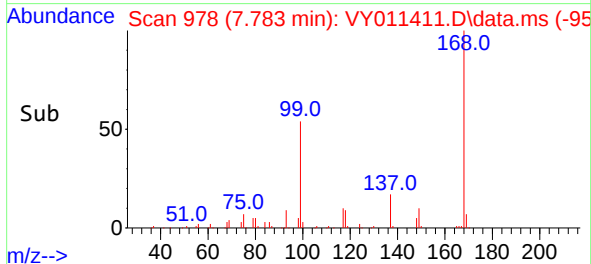
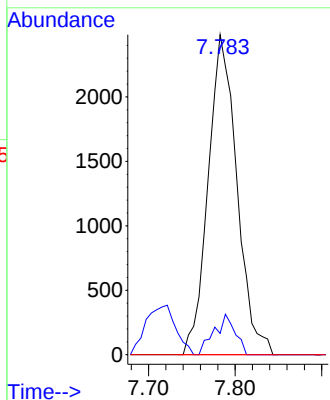
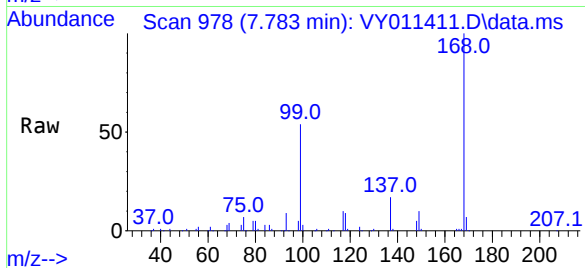




#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

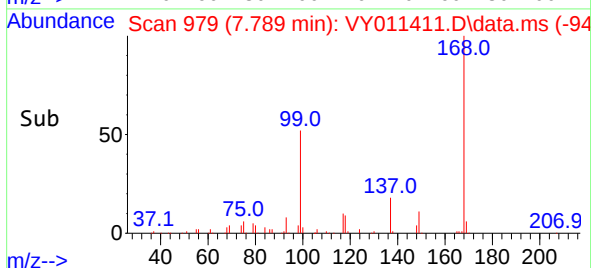
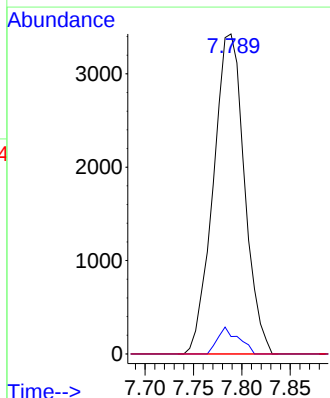
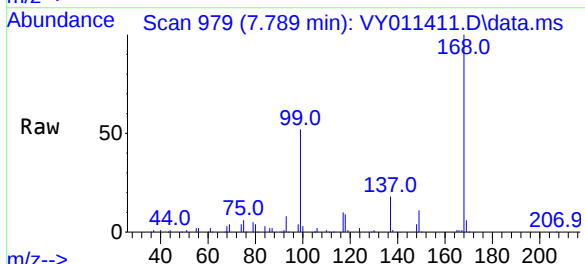
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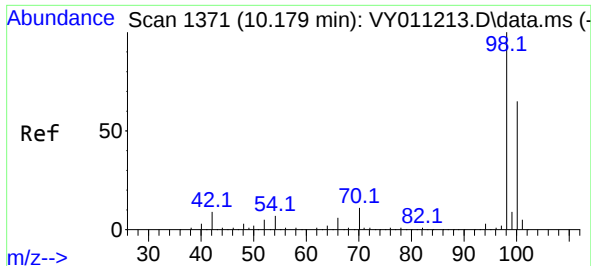
Tgt Ion: 75 Resp: 5736
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion: 117 Resp: 7677
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

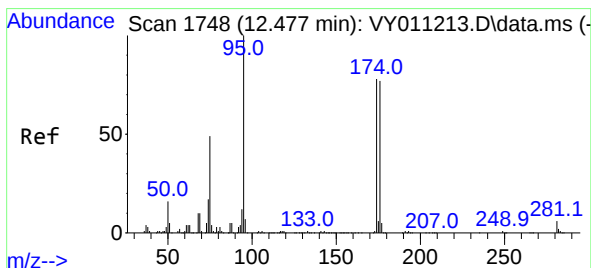
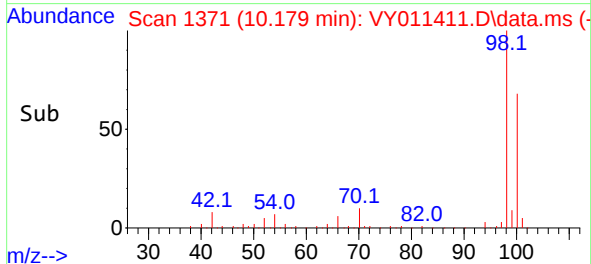
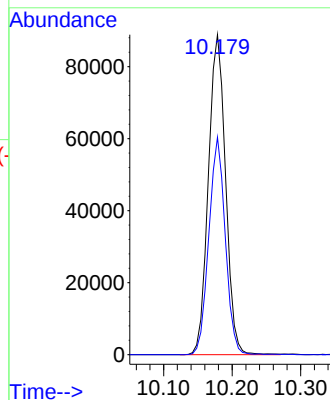
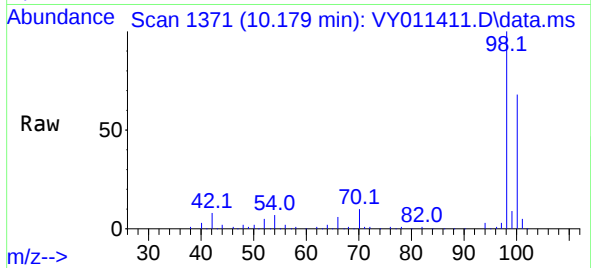




#50
Toluene-d8
Concen: 56.284 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

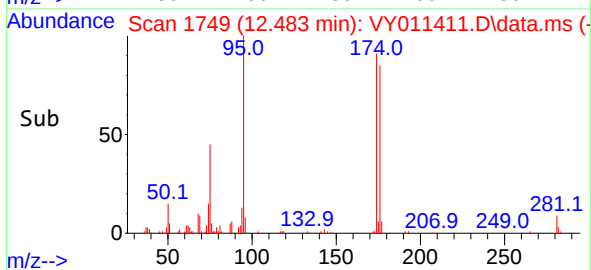
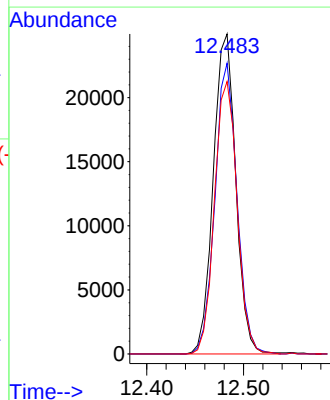
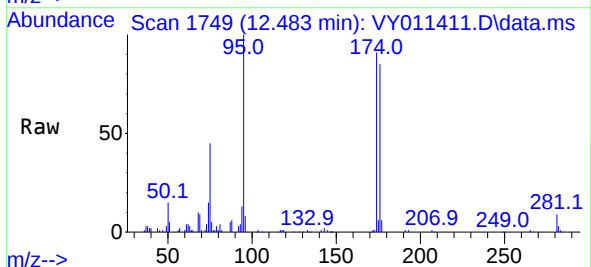
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

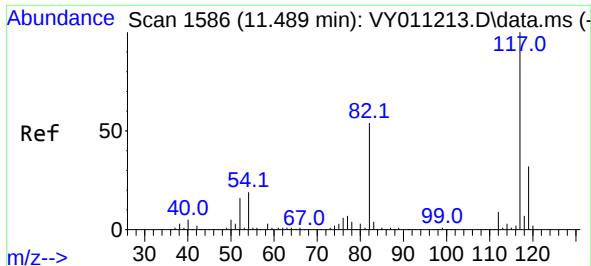
Tgt Ion: 98 Resp: 155002
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.962 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion: 95 Resp: 40306
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 86.0 0.0 175.8

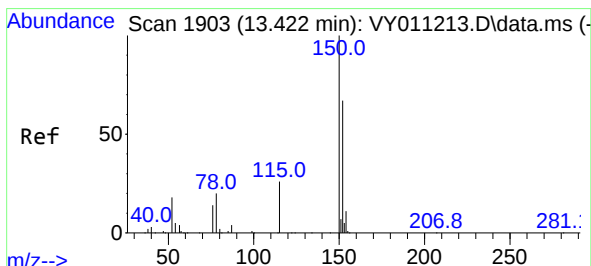
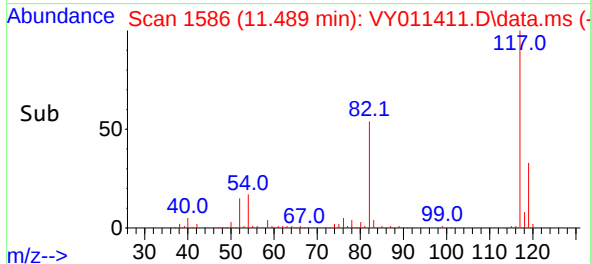
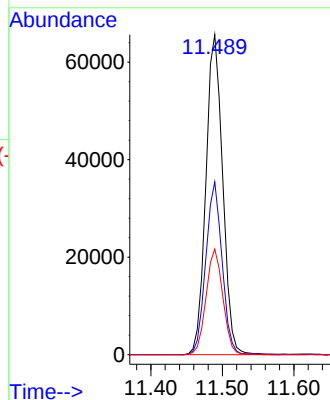
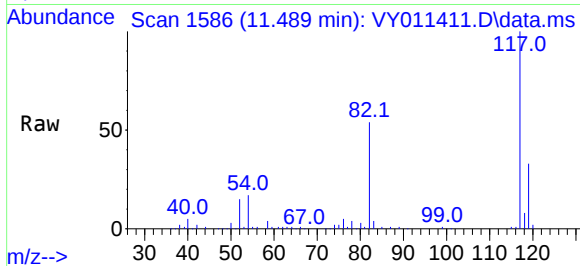




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

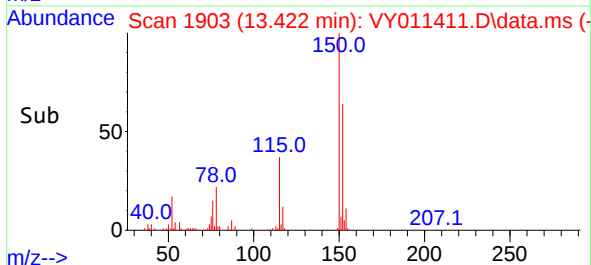
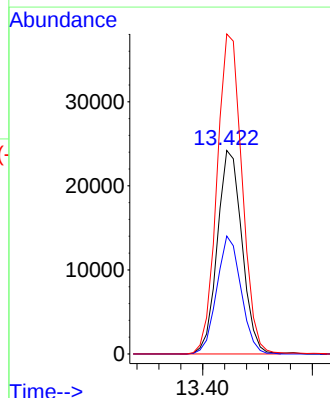
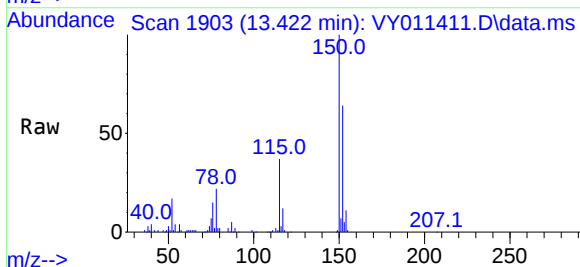
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

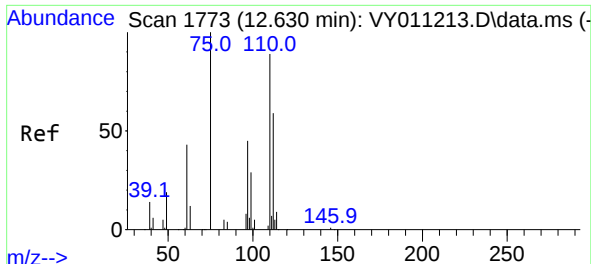
Tgt Ion:117 Resp: 107145
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion:152 Resp: 37796
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 160.6 0.0 347.6

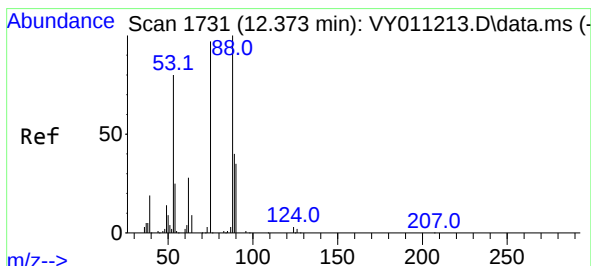
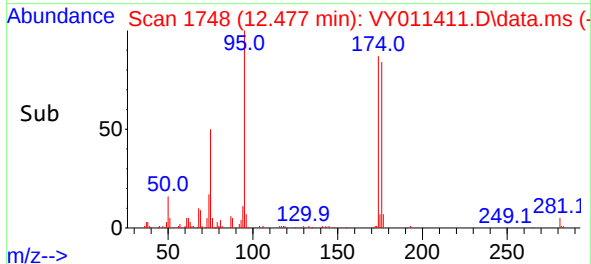
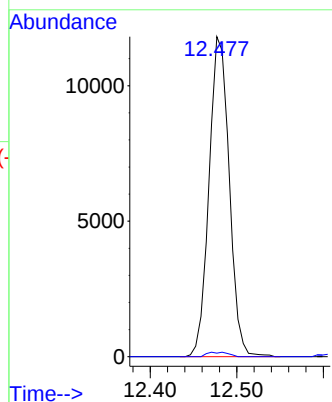
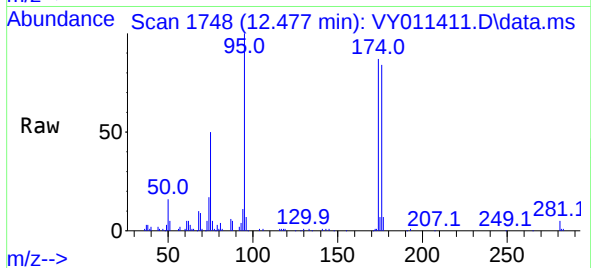




#76
1,2,3-Trichloropropane
Concen: 43.790 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

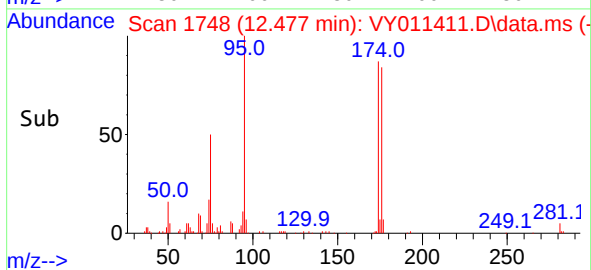
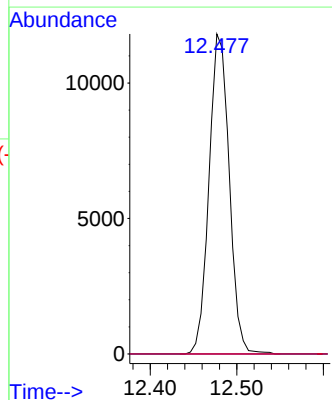
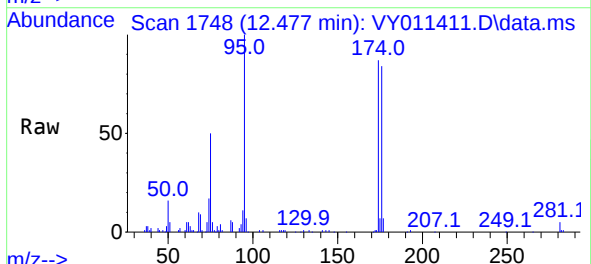
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

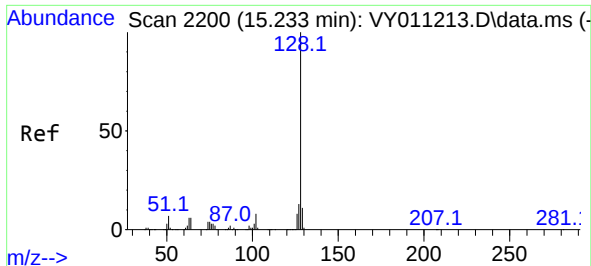
Tgt Ion: 75 Resp: 19158
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.257 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion: 75 Resp: 19158
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 3.622 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011411.D

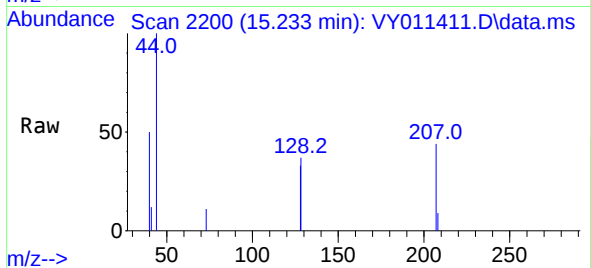
Acq: 11 Nov 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-06



Tgt Ion:128 Resp: 531

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

