

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011414.D
 Acq On : 11 Nov 2022 13:31
 Operator : KP/MD
 Sample : N5530-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12

Quant Time: Nov 11 13:47:15 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)

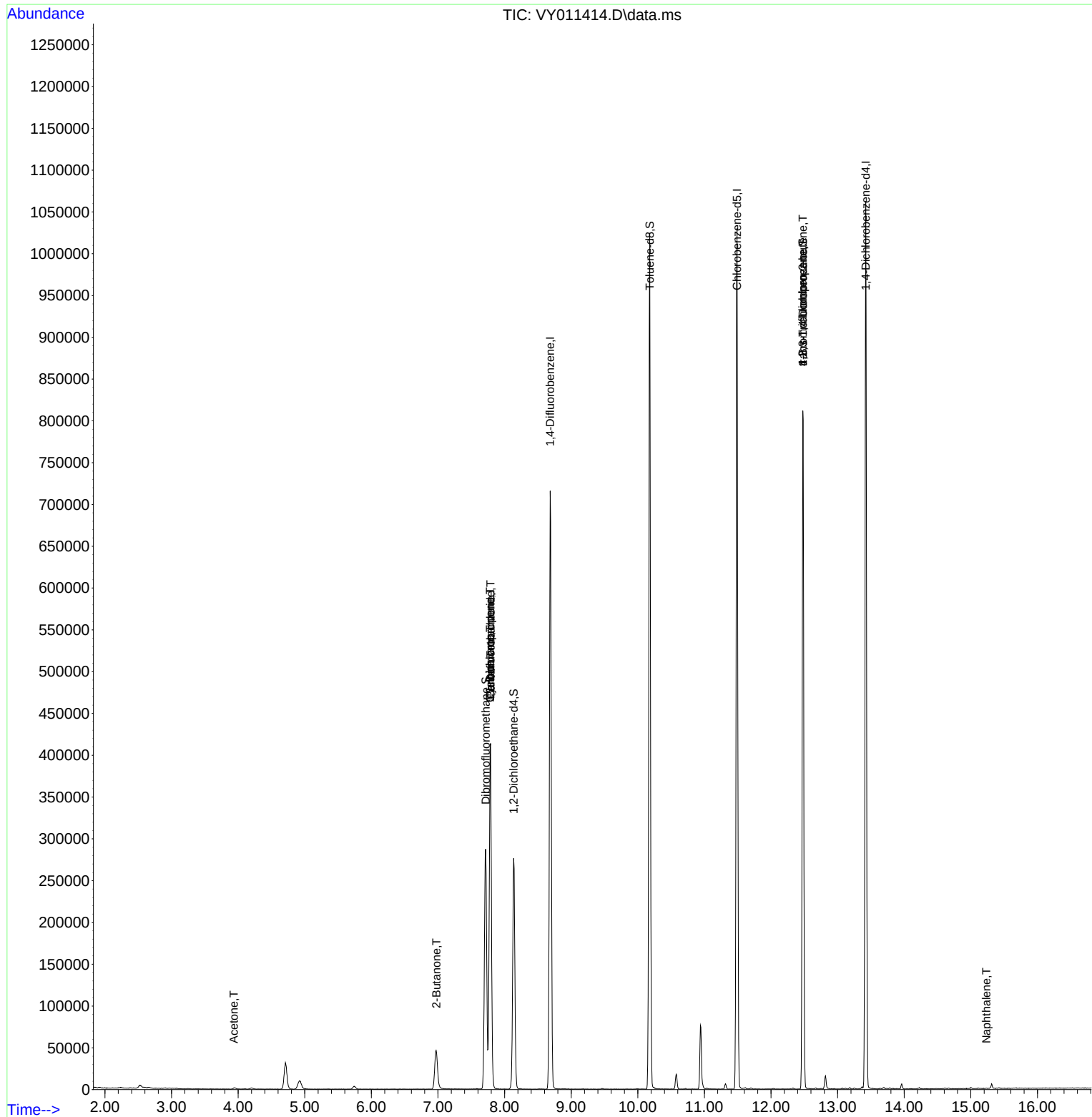
Internal Standards						
1) Pentafluorobenzene	7.789	168	335391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	641096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	600266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	285297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	214619	76.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.720%	
35) Dibromofluoromethane	7.716	113	213604	59.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.900%	
50) Toluene-d8	10.179	98	673922	49.099	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	12.477	95	258952	54.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	108	Below Cal	#	43
11) Tert butyl alcohol	4.918	59	10299	Below Cal	#	77
16) Acetone	3.936	43	2934	3.956	ug/l #	79
18) Methyl Acetate	4.479	43	51	Below Cal	#	56
20) Methylene Chloride	4.710	84	25599	Below Cal	#	78
25) 2-Butanone	6.978	43	2207	2.089	ug/l	99
31) Cyclohexane	7.783	56	5317	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22893	4.105	ug/l #	50
38) Carbon Tetrachloride	7.789	117	32071	5.287	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	125448	37.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	125448	91.309	ug/l #	7
95) Naphthalene	15.233	128	453	3.314	ug/l #	69

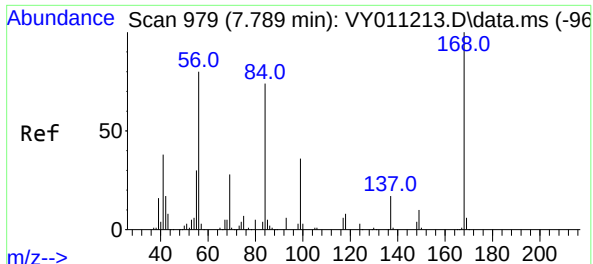
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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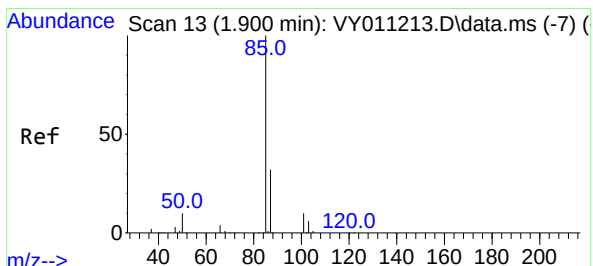
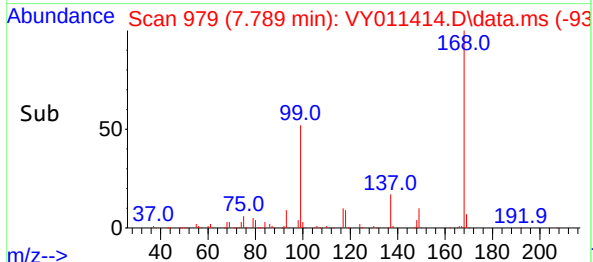
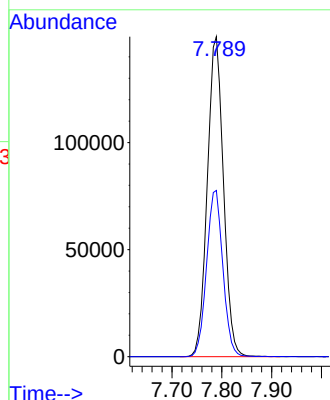
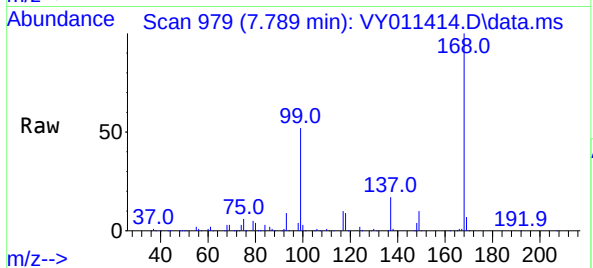




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

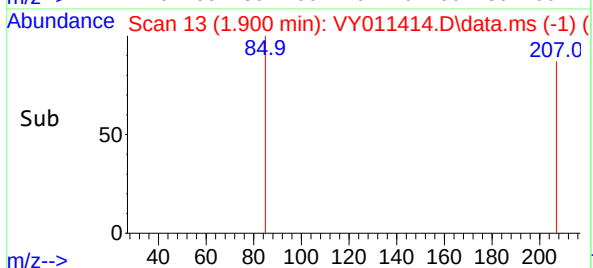
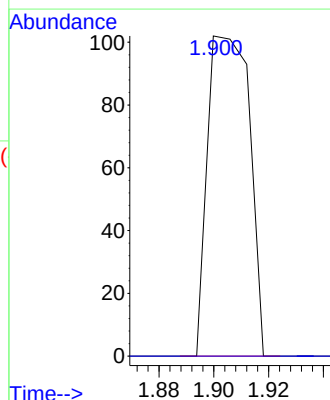
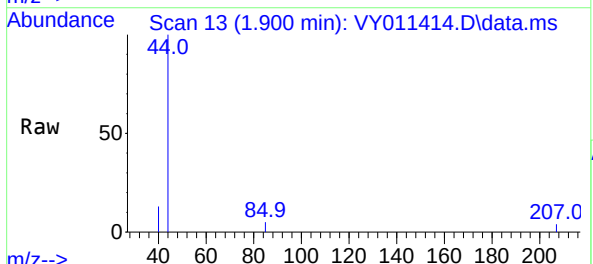
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

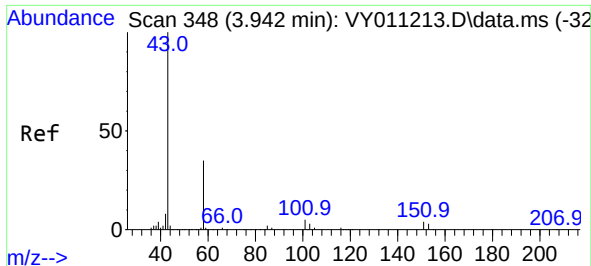
Tgt Ion:168 Resp: 335391
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion: 85 Resp: 108
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

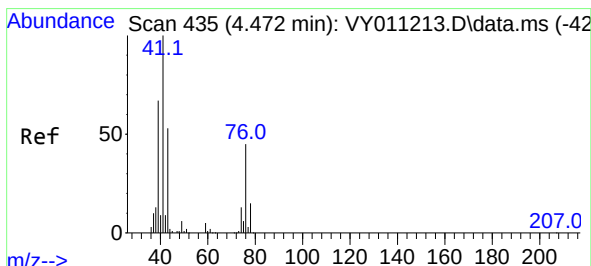
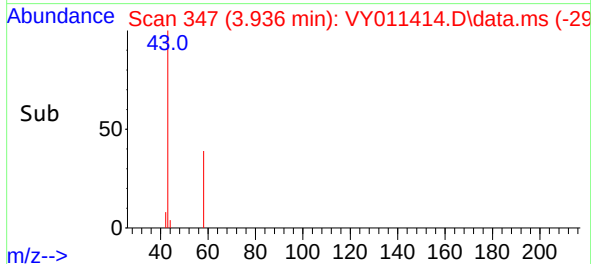
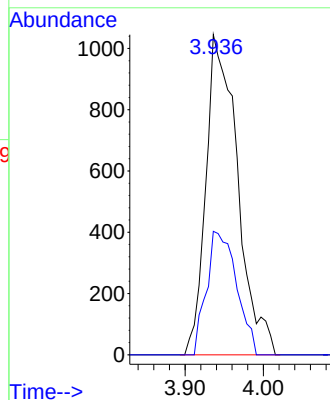
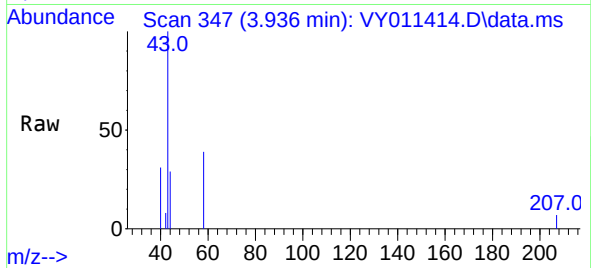




#16
Acetone
Concen: 3.956 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

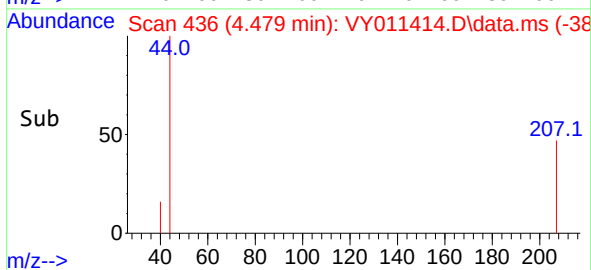
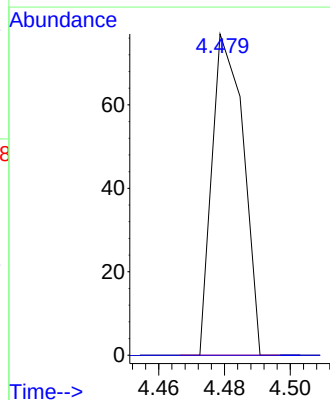
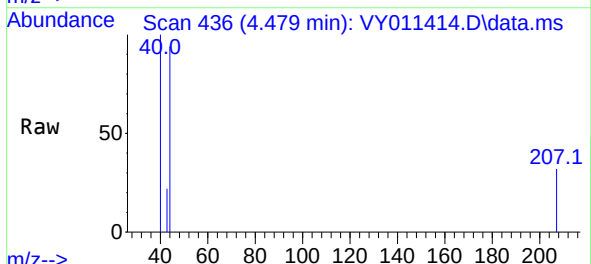
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

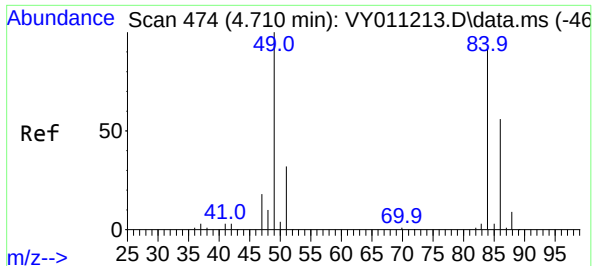
Tgt Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
58 38.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

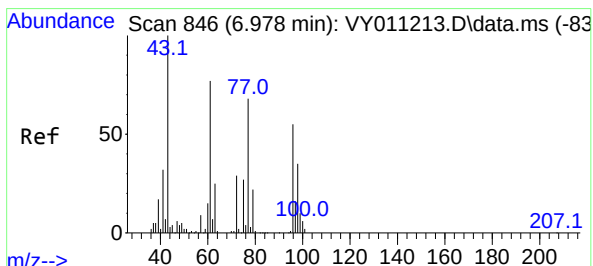
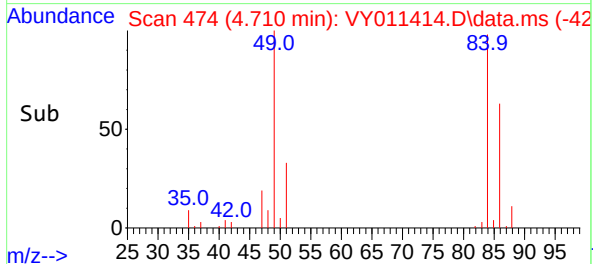
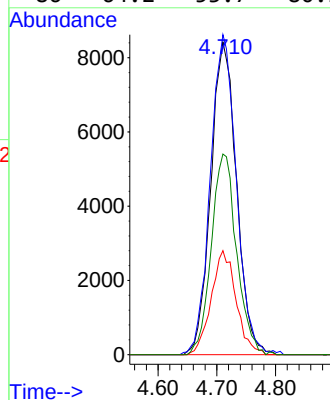
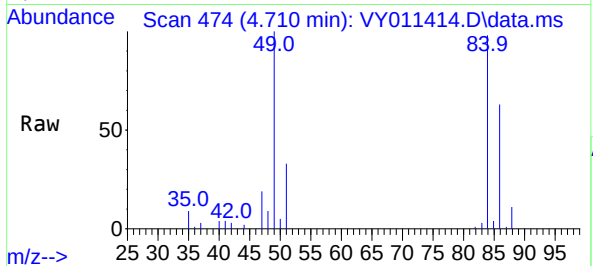




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

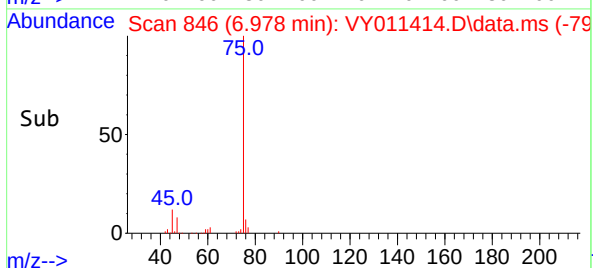
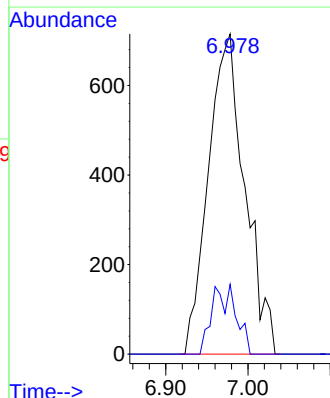
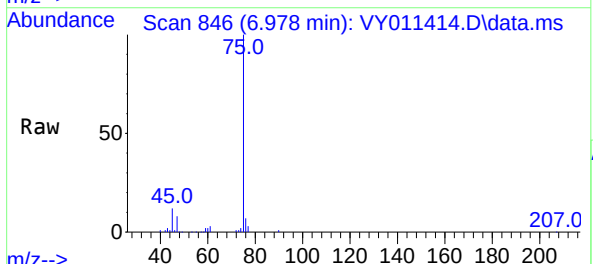
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

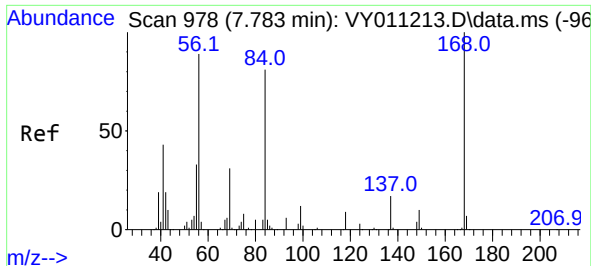
Tgt Ion:	84	Resp:	25599
Ion	Ratio	Lower	Upper
84	100		
49	102.4	114.4	171.6#
51	33.3	35.3	52.9#
86	64.2	53.7	80.5



#25
2-Butanone
Concen: 2.089 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

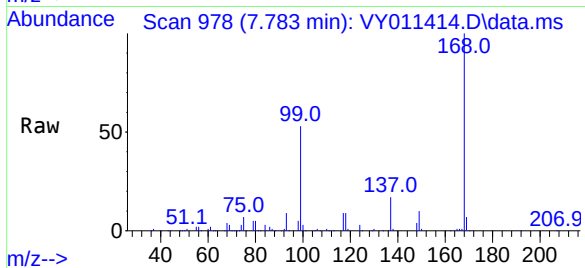
Tgt Ion:	43	Resp:	2207
Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.7	26.5



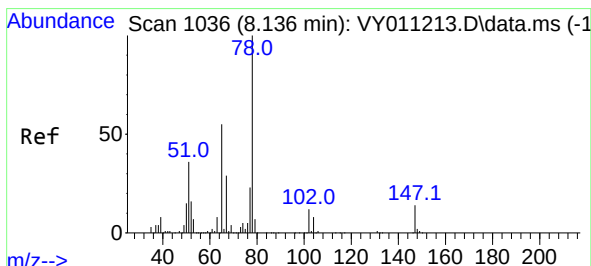
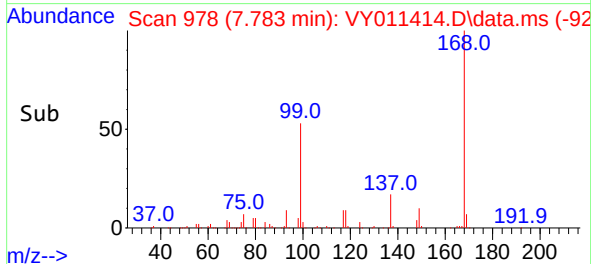
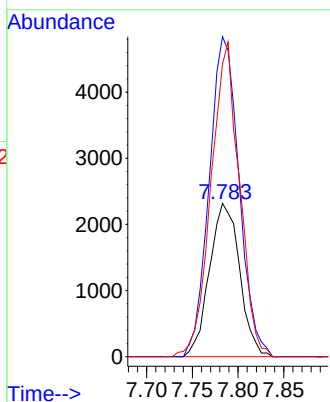


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-12

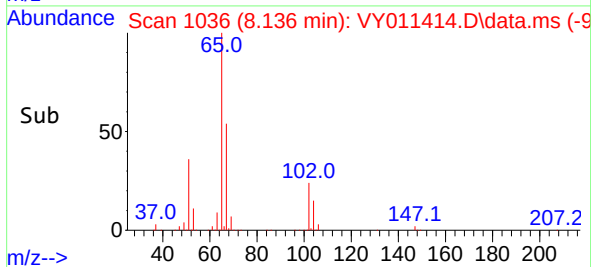
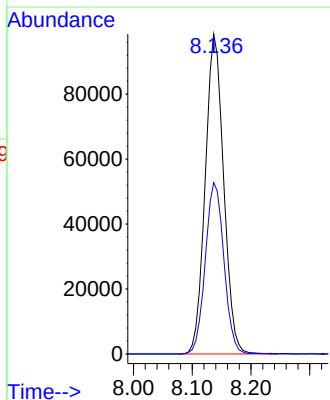
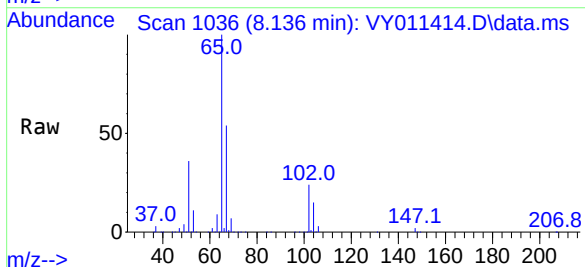


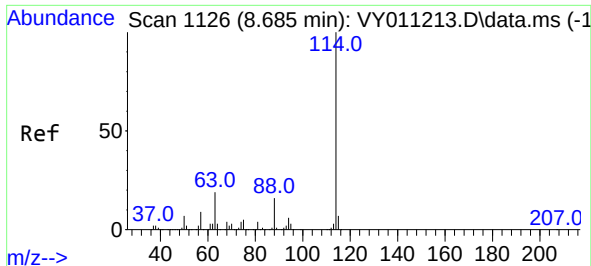
Tgt Ion: 56 Resp: 5317
Ion Ratio Lower Upper
56 100
69 208.8 26.7 40.1#
84 191.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 76.364 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion: 65 Resp: 214619
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: VY011414.D

Acq: 11 Nov 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-12

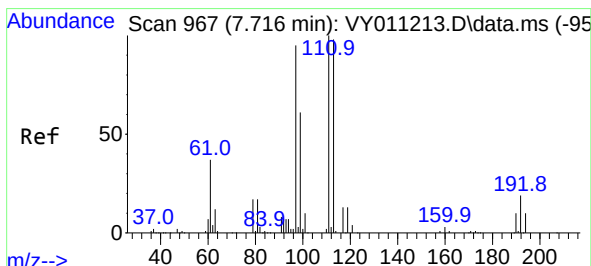
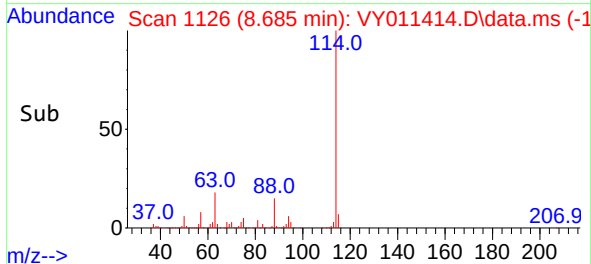
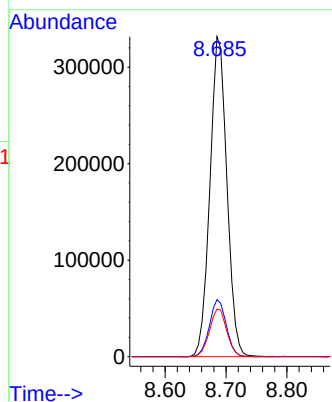
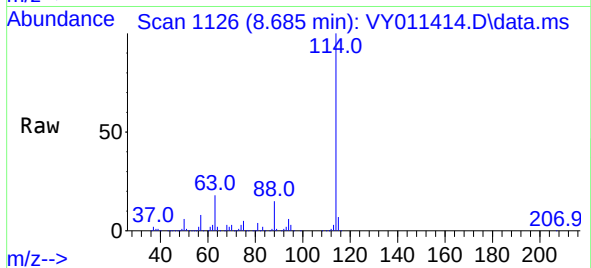
Tgt Ion:114 Resp: 641096

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.453 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011414.D

Acq: 11 Nov 2022 13:31

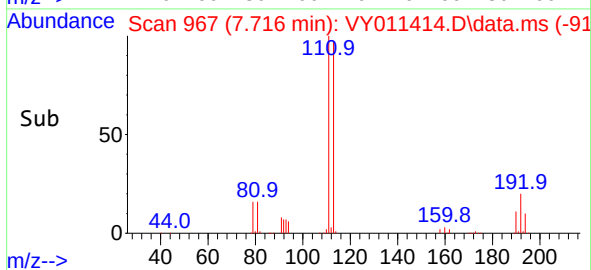
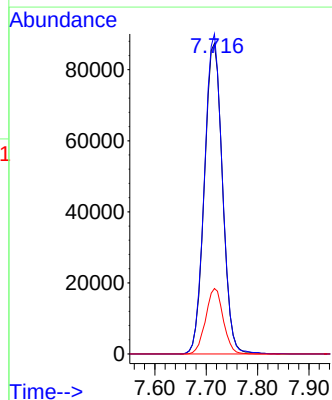
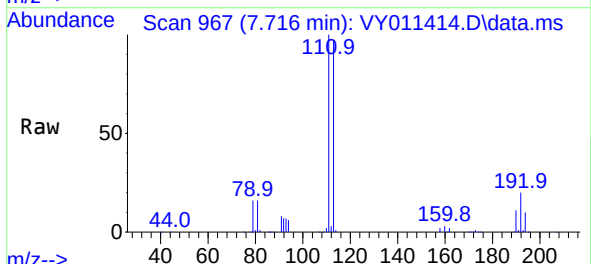
Tgt Ion:113 Resp: 213604

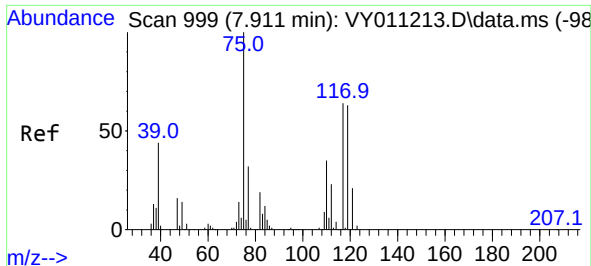
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 20.5 17.6 26.4

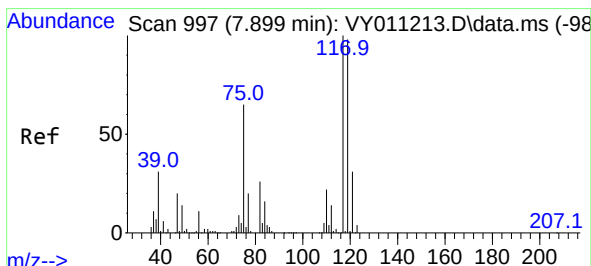
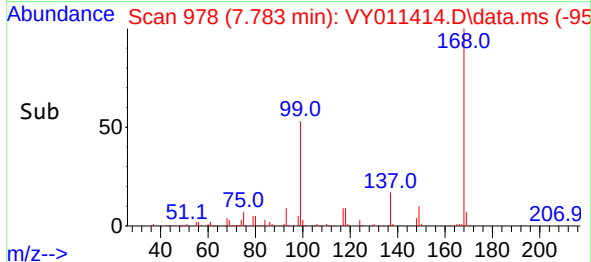
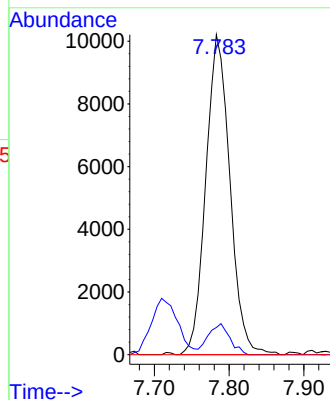
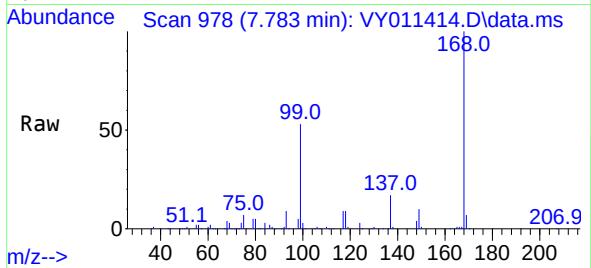




#36
1,1-Dichloropropene
Concen: 4.105 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

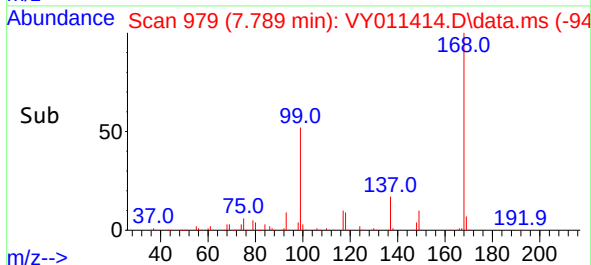
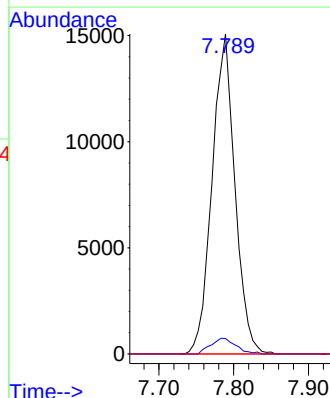
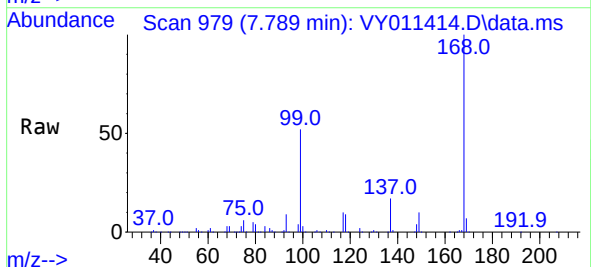
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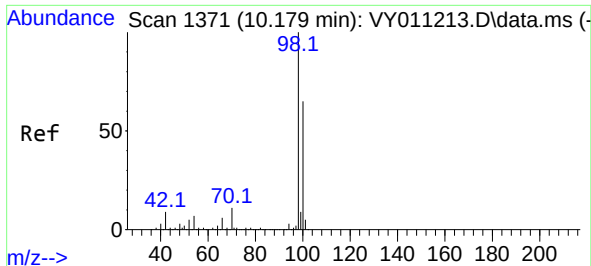
Tgt Ion: 75 Resp: 22893
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion: 117 Resp: 32071
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

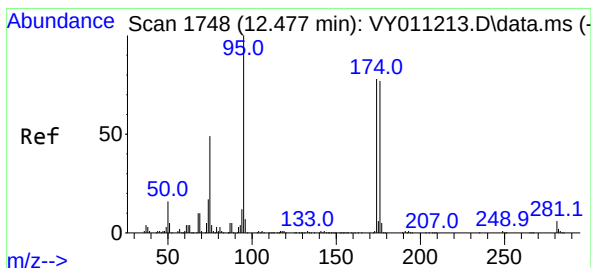
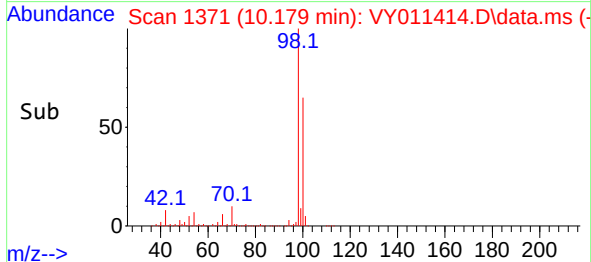
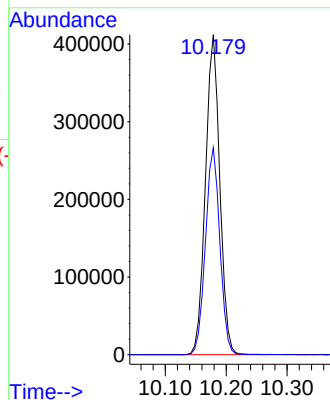
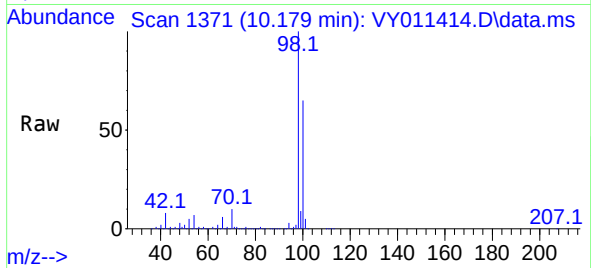




#50
Toluene-d8
Concen: 49.099 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

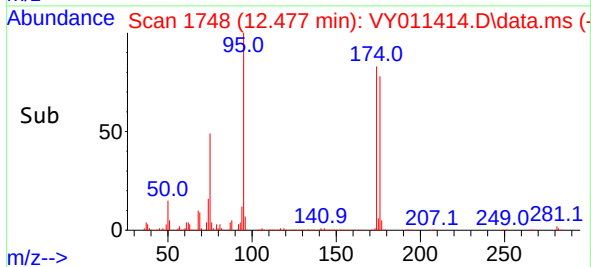
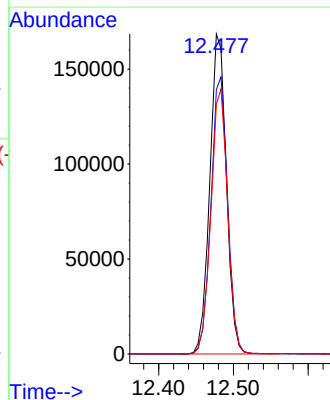
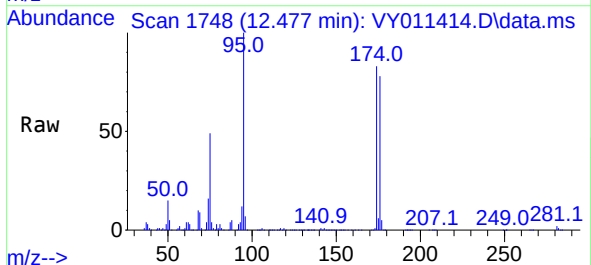
Instrument :
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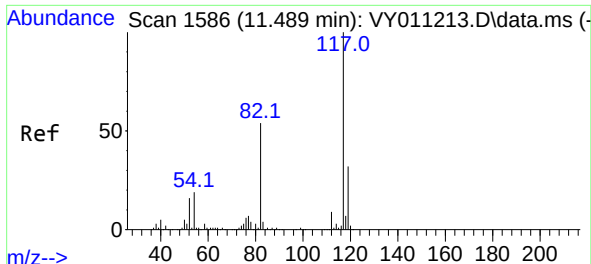
Tgt Ion: 98 Resp: 673922
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion: 95 Resp: 258952
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 83.5 0.0 175.8

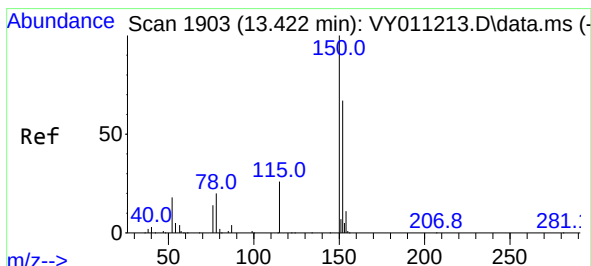
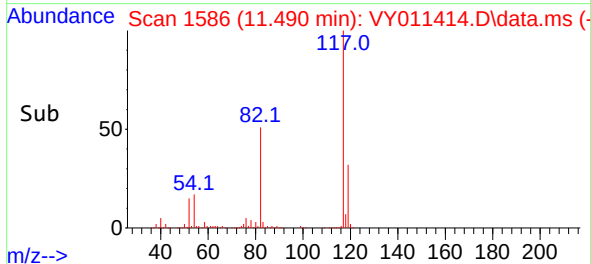
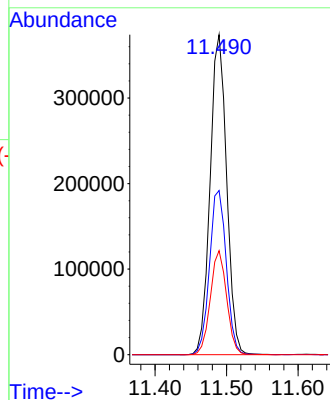
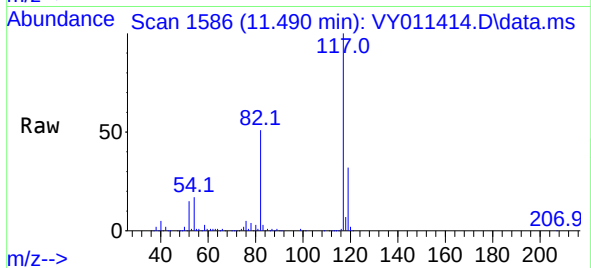




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

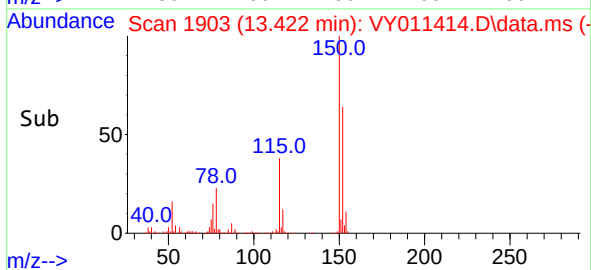
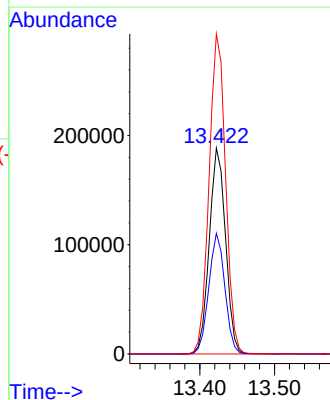
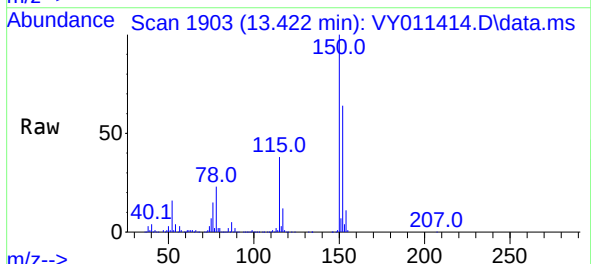
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

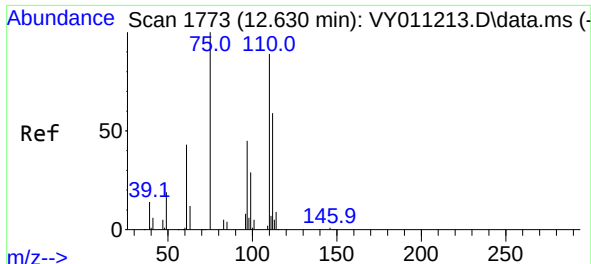
Tgt Ion:117 Resp: 600266
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion:152 Resp: 285297
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.3 0.0 347.6

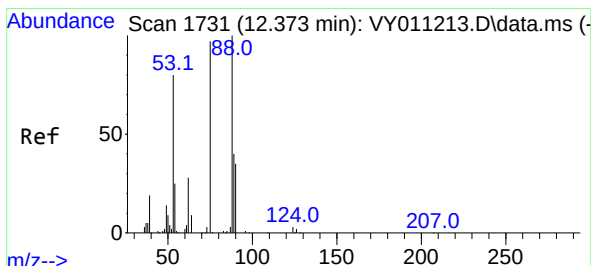
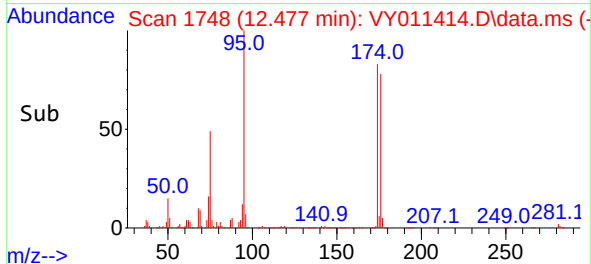
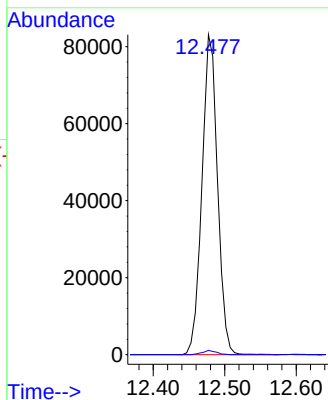
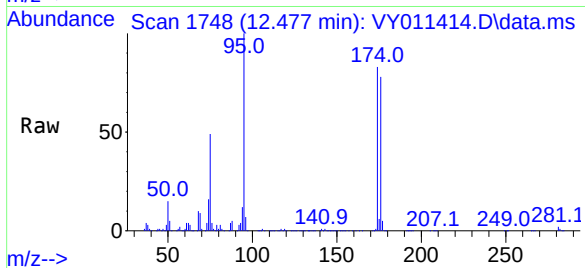




#76
1,2,3-Trichloropropane
Concen: 37.987 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

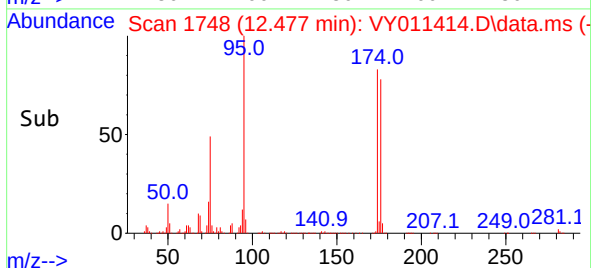
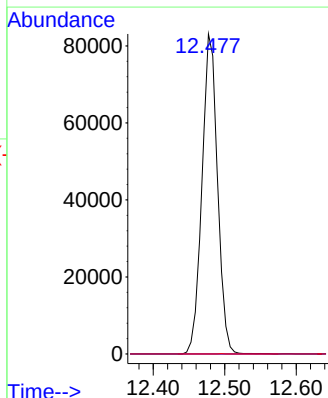
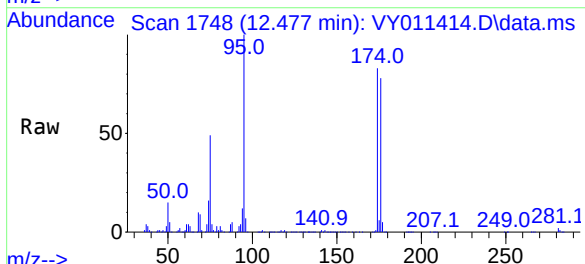
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

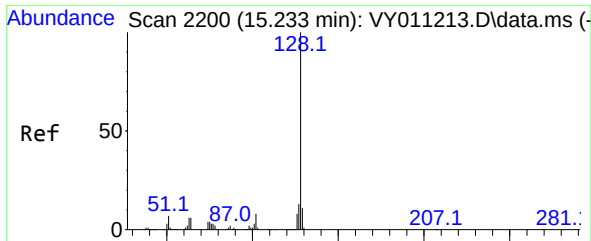
Tgt Ion: 75 Resp: 125448
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.309 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

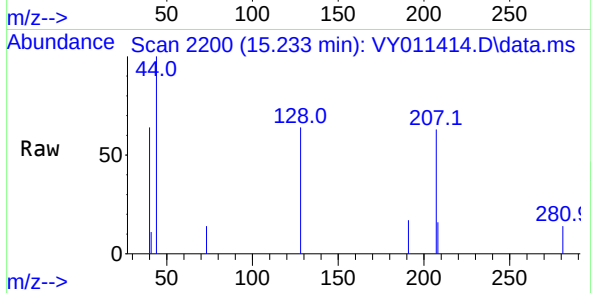
Tgt Ion: 75 Resp: 125448
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.314 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-12



Tgt Ion:128 Resp: 453
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

