

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010530.D
 Acq On : 16 Sep 2022 12:55
 Operator : KP/MD
 Sample : N4509-06
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_PW001-20220902

Quant Time: Sep 17 00:28:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

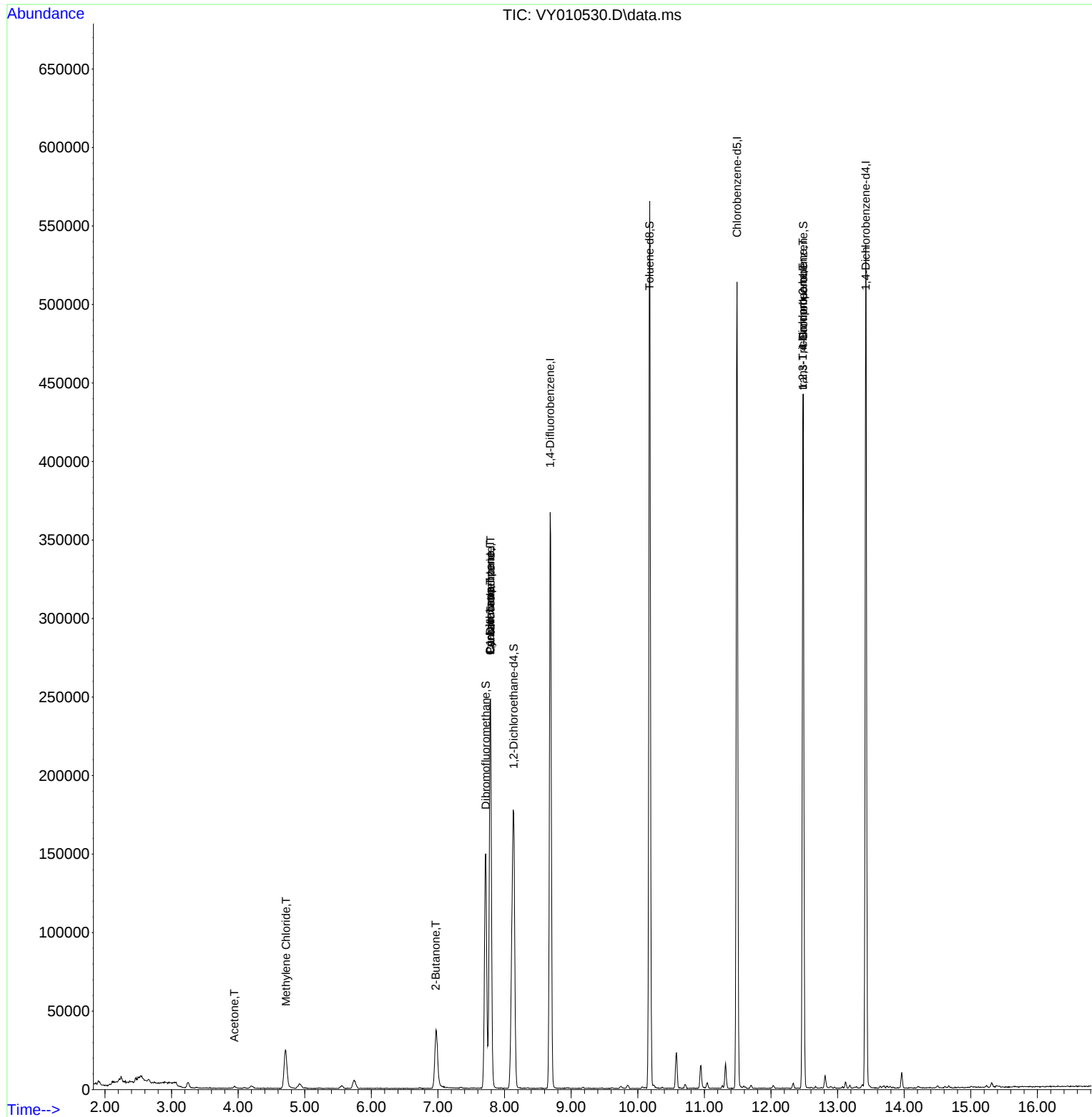
Internal Standards						
1) Pentafluorobenzene	7.789	168	198834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	106168	53.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.040%	
35) Dibromofluoromethane	7.716	113	105606	46.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.740%	
50) Toluene-d8	10.179	98	370711	50.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.483	95	126389	42.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	2082	Below Cal	83	
11) Tert butyl alcohol	4.918	59	3069	Below Cal	#	77
16) Acetone	3.942	43	2007	4.367	ug/l #	85
20) Methylene Chloride	4.716	84	19282	2.081	ug/l #	77
25) 2-Butanone	6.966	43	1225	1.677	ug/l #	88
31) Cyclohexane	7.783	56	4293	1.269	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	14855	4.764	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19309	5.566	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.783	63	160	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.477	75	65910	42.794	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65910	95.019	ug/l #	7

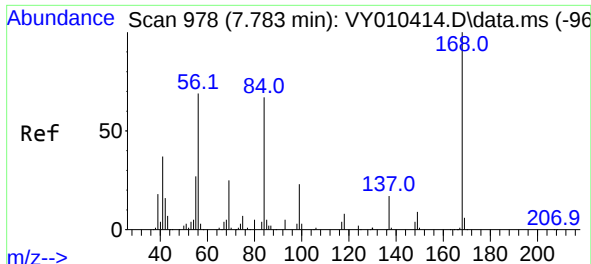
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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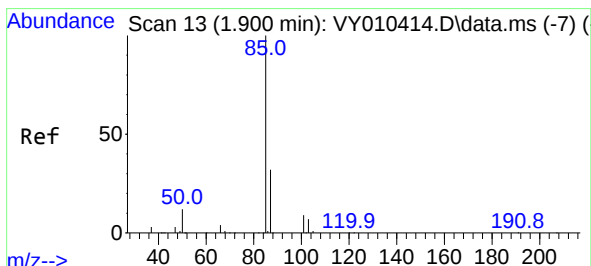
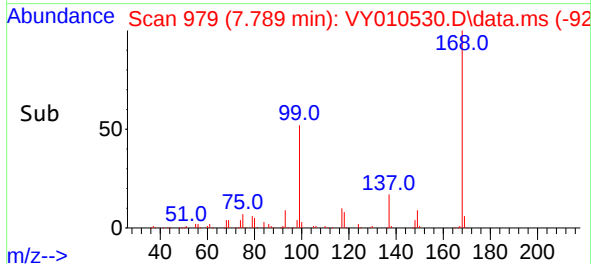
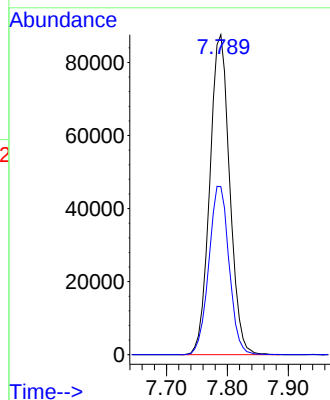
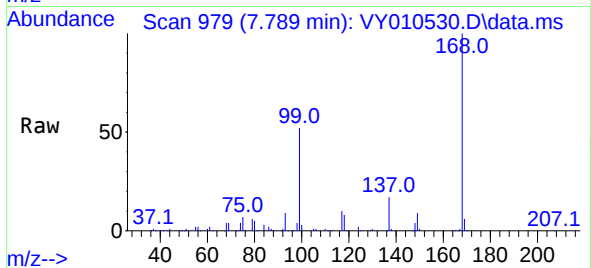




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

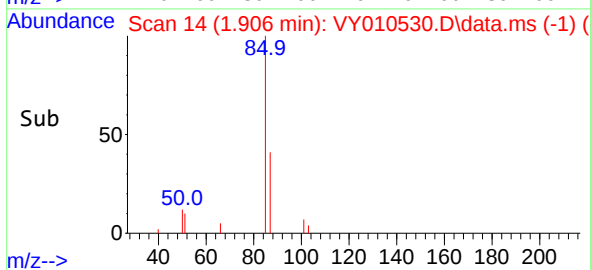
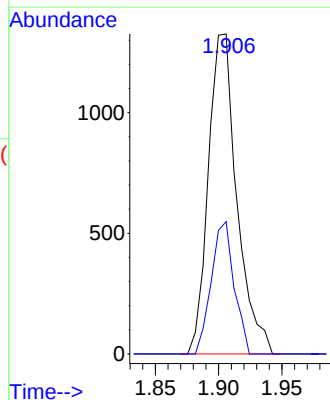
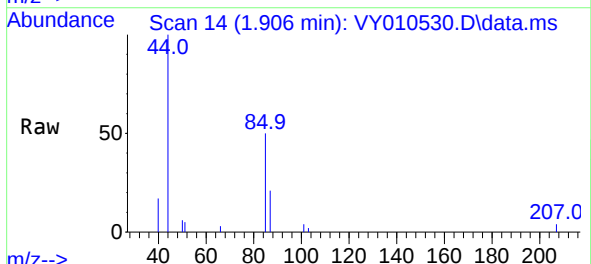
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

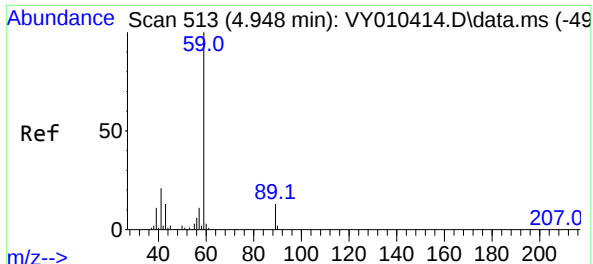
Tgt Ion:168 Resp: 198834
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

Tgt Ion: 85 Resp: 2082
Ion Ratio Lower Upper
85 100
87 41.3 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.918 min Scan# 508

Delta R.T. -0.030 min

Lab File: VY010530.D

Acq: 16 Sep 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

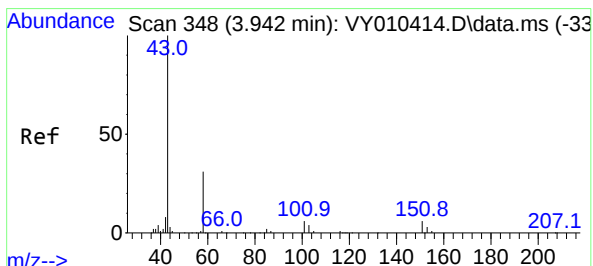
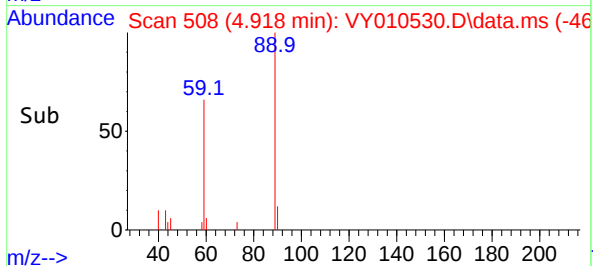
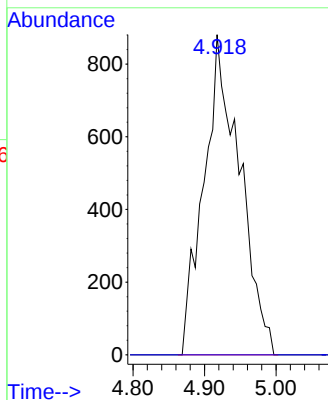
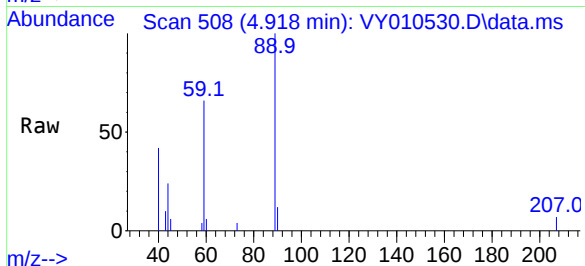
S1-SO_PW001-20220902

Tgt Ion: 59 Resp: 3069

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.367 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010530.D

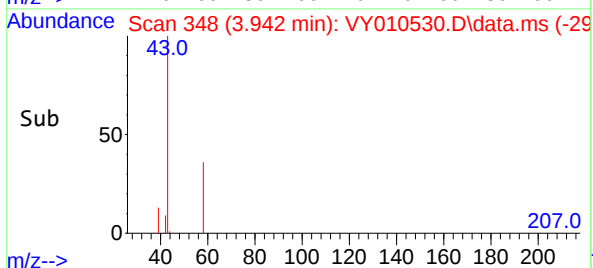
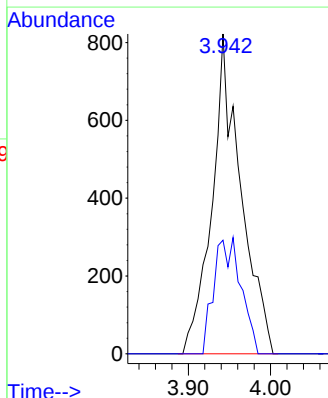
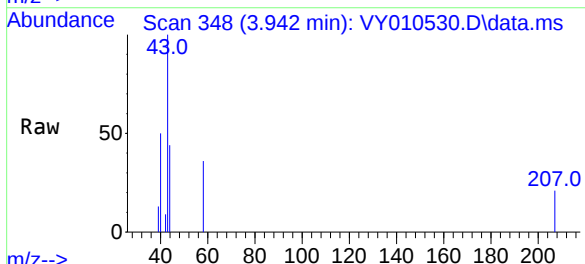
Acq: 16 Sep 2022 12:55

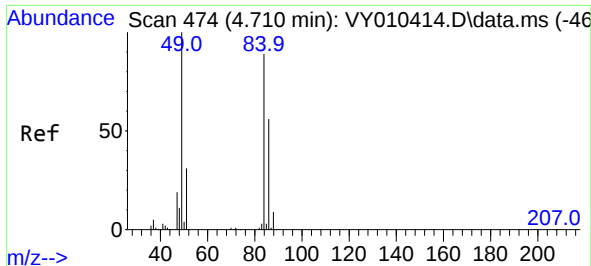
Tgt Ion: 43 Resp: 2007

Ion Ratio Lower Upper

43 100

58 35.5 22.0 33.0#



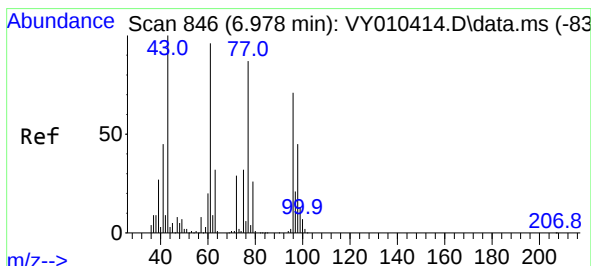
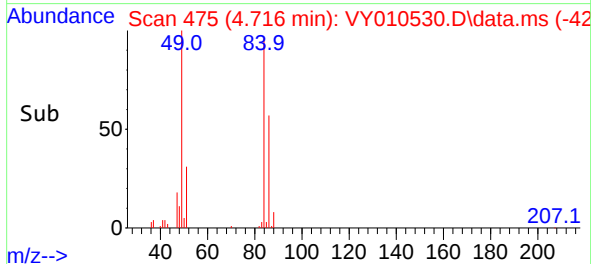
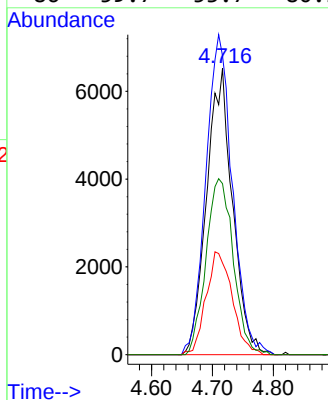
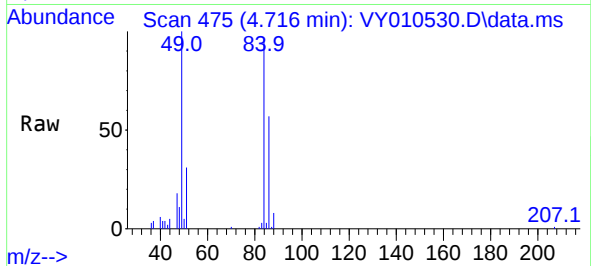


#20
Methylene Chloride
Concen: 2.081 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

Tgt Ion: 84 Resp: 19282

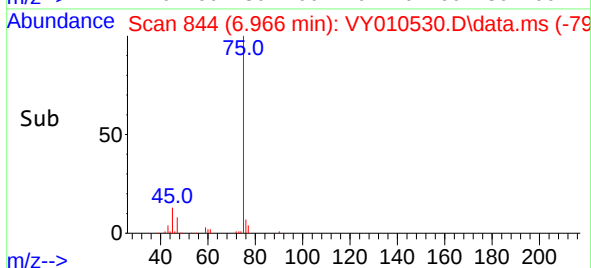
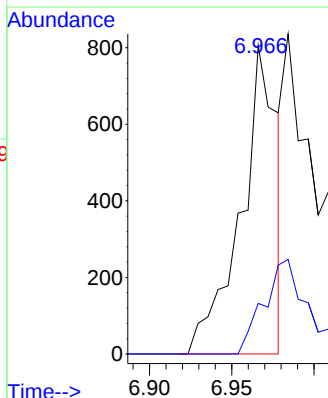
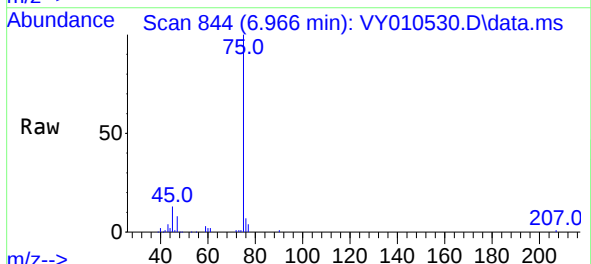
Ion	Ratio	Lower	Upper
84	100		
49	104.3	114.4	171.6#
51	32.0	35.3	52.9#
86	59.7	53.7	80.5

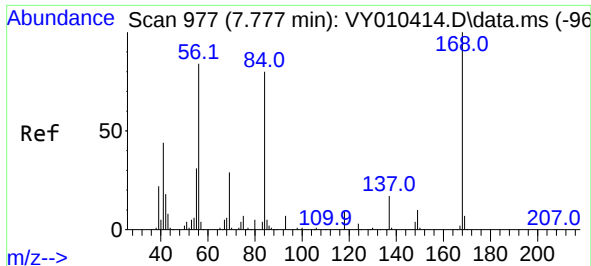


#25
2-Butanone
Concen: 1.677 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

Tgt Ion: 43 Resp: 1225

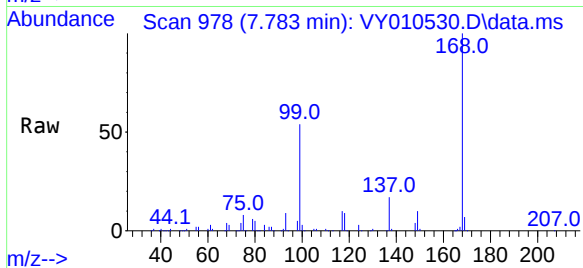
Ion	Ratio	Lower	Upper
43	100		
72	16.4	17.7	26.5#



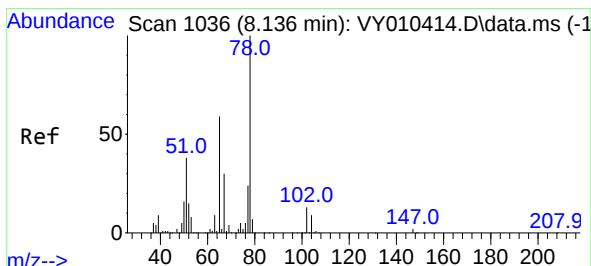
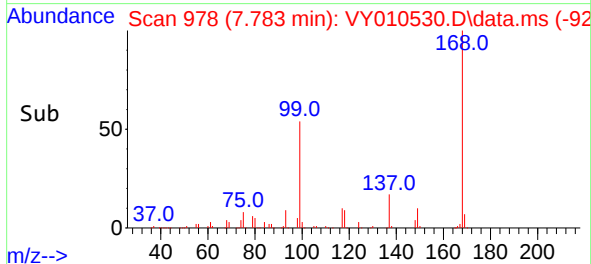
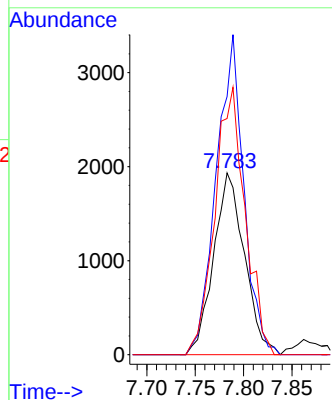


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

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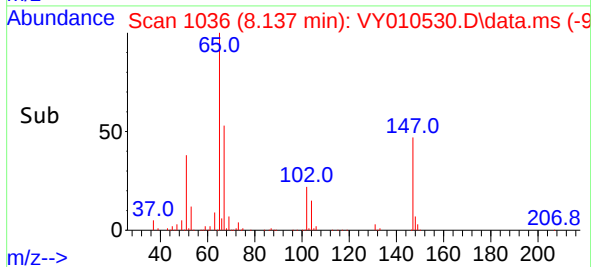
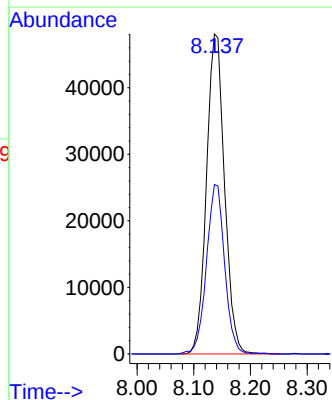
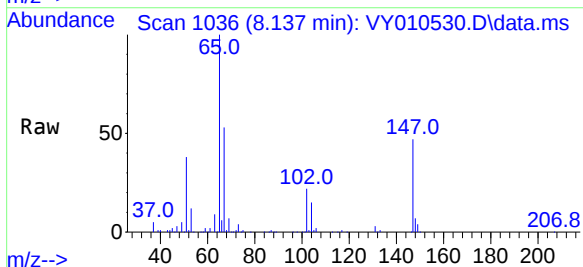


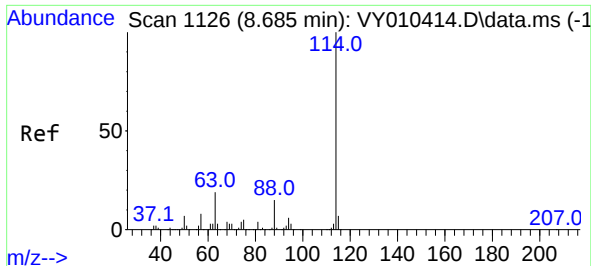
Tgt Ion: 56 Resp: 4293
Ion Ratio Lower Upper
56 100
69 141.9 26.7 40.1#
84 129.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.016 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

Tgt Ion: 65 Resp: 106168
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

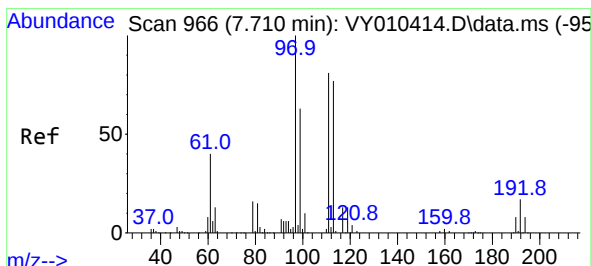
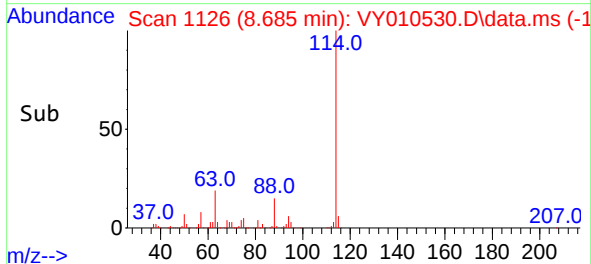
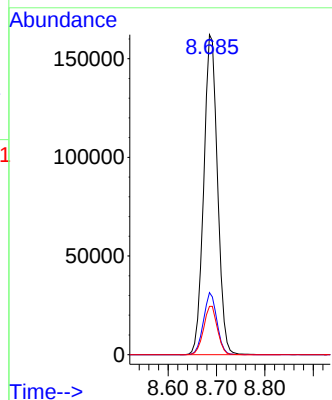
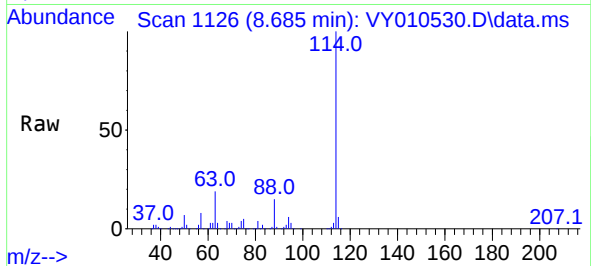




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

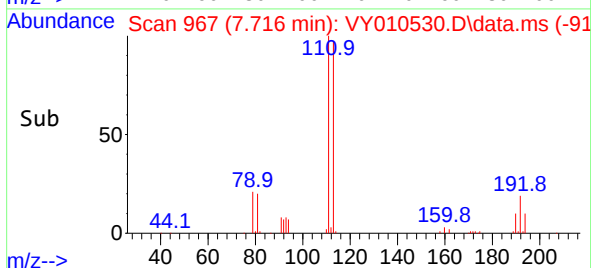
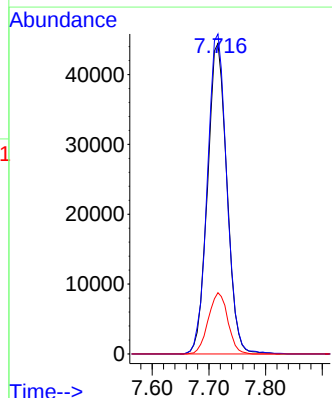
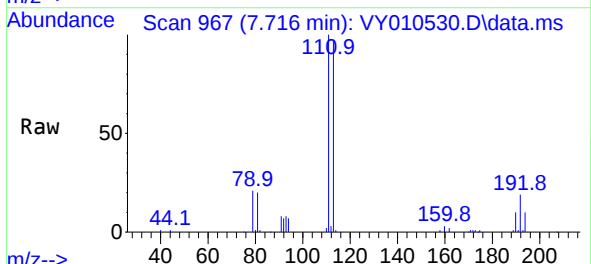
Instrument :
MSVOA_Y
ClientSampleId :
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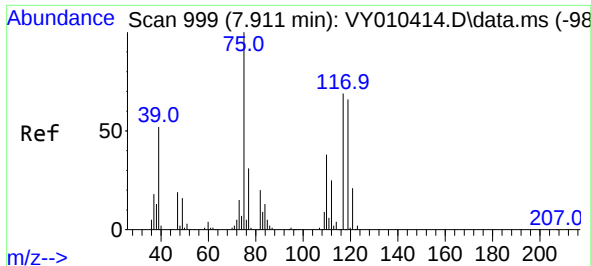
Tgt Ion:	114	Resp:	320702
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.366 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

Tgt Ion:	113	Resp:	105606
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	19.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.764 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010530.D

Acq: 16 Sep 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_PW001-20220902

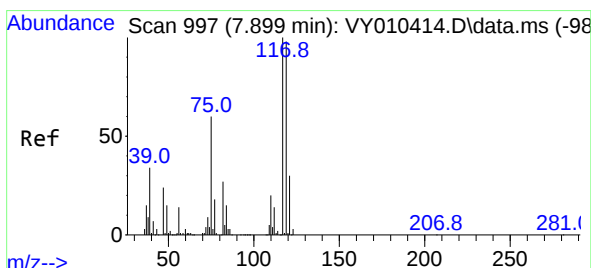
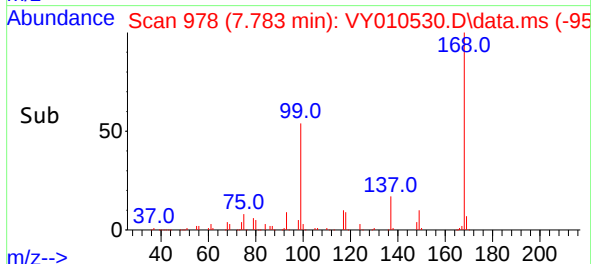
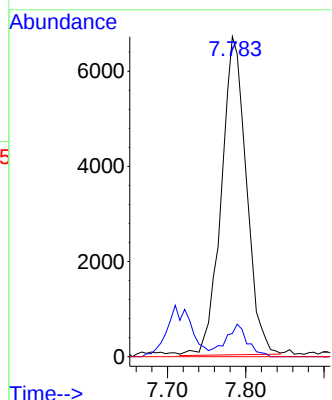
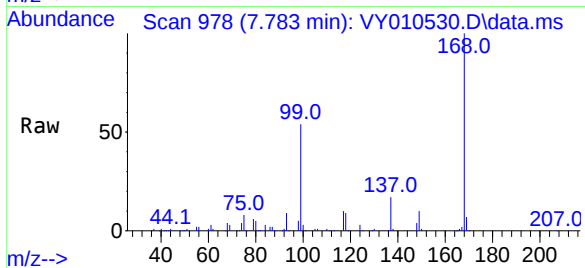
Tgt Ion: 75 Resp: 14855

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.566 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010530.D

Acq: 16 Sep 2022 12:55

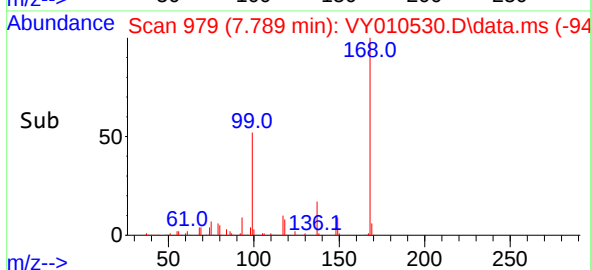
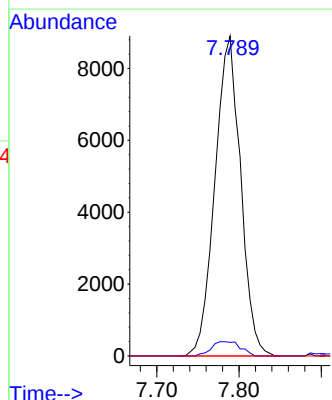
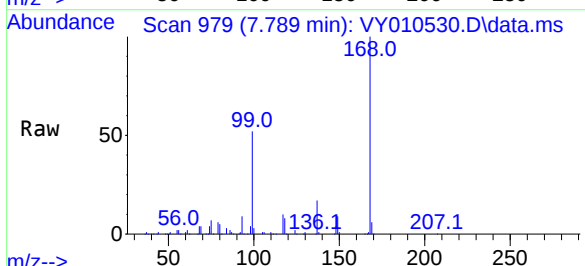
Tgt Ion: 117 Resp: 19309

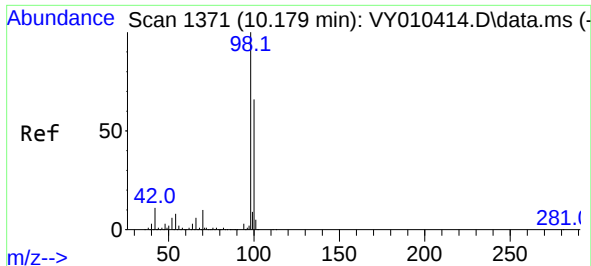
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

121 0.0 24.8 37.2#

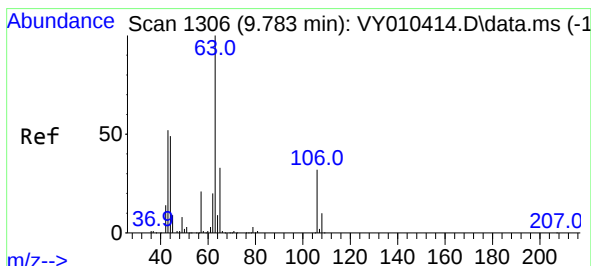
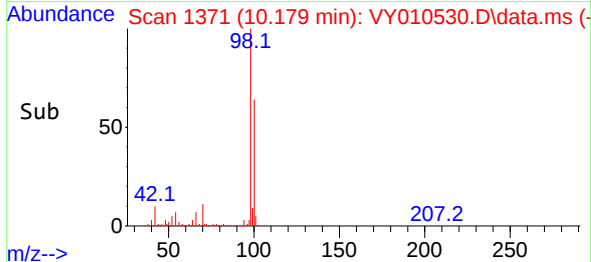
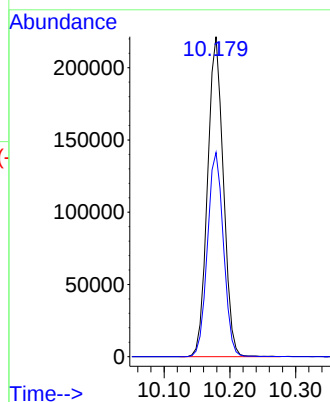
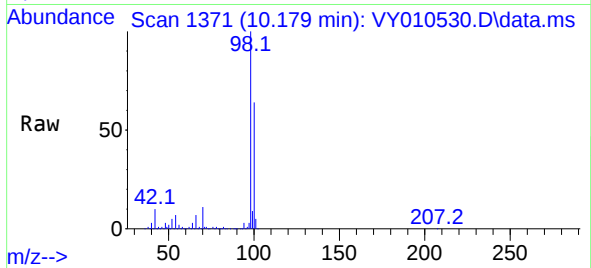




#50
Toluene-d8
Concen: 50.220 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

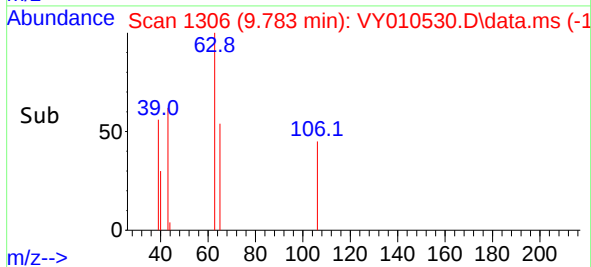
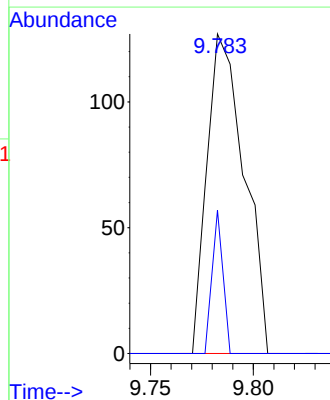
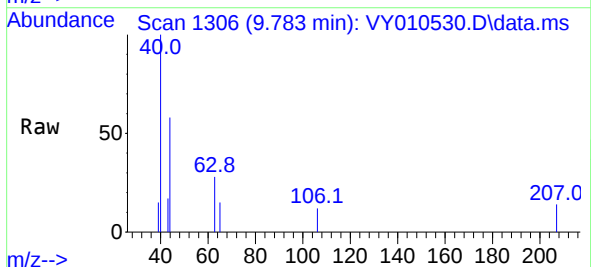
Instrument : MSVOA_Y
ClientSampleId : S1-SO_PW001-20220902

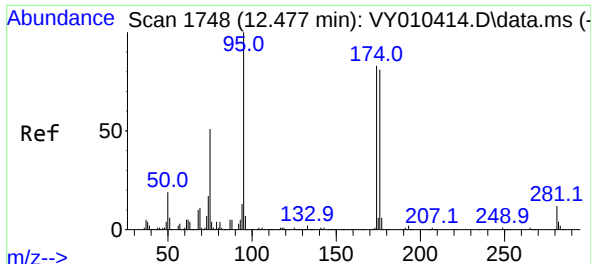
Tgt Ion: 98 Resp: 370711
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

Tgt Ion: 63 Resp: 160
Ion Ratio Lower Upper
63 100
106 13.1 21.5 32.3#

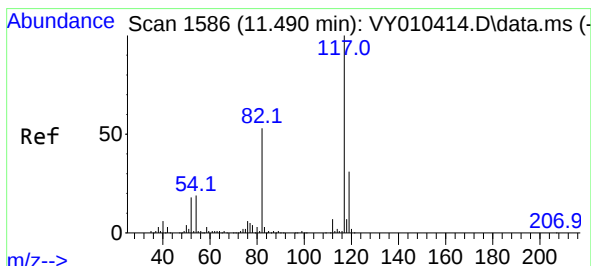
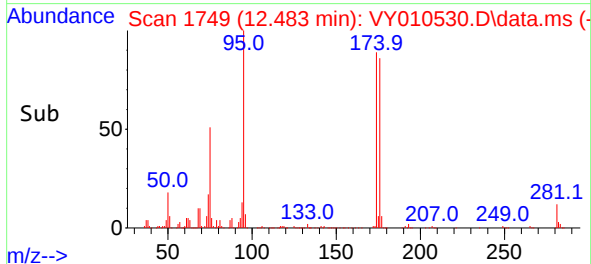
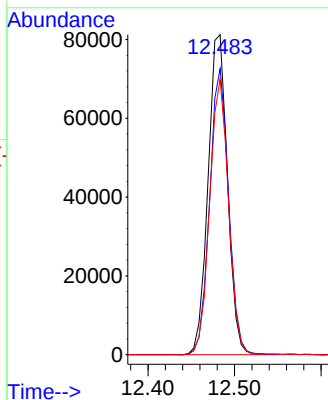
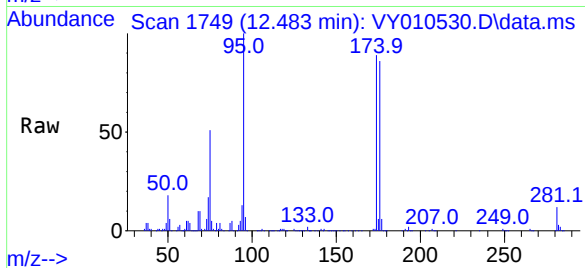




#62
4-Bromofluorobenzene
Concen: 42.241 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

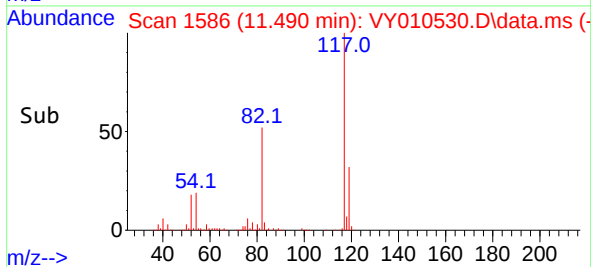
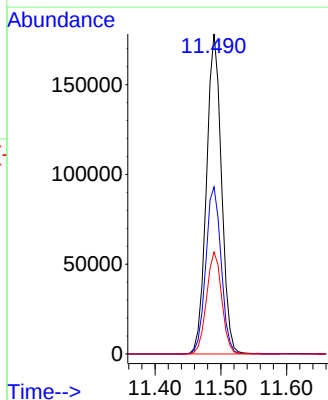
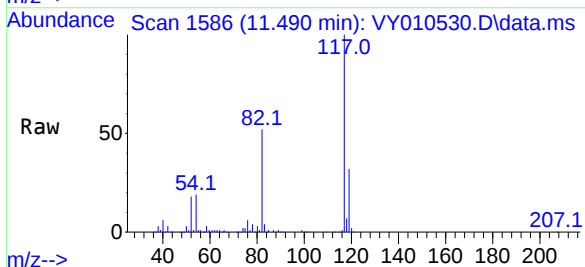
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

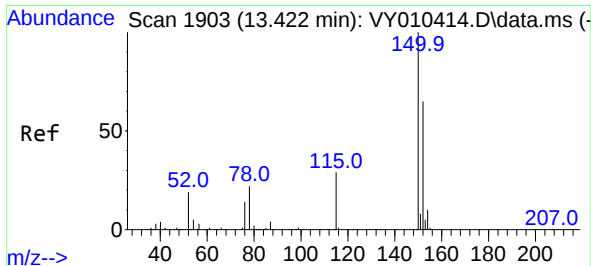
Tgt Ion: 95 Resp: 126389
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

Tgt Ion: 117 Resp: 283223
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.8 25.4 38.0

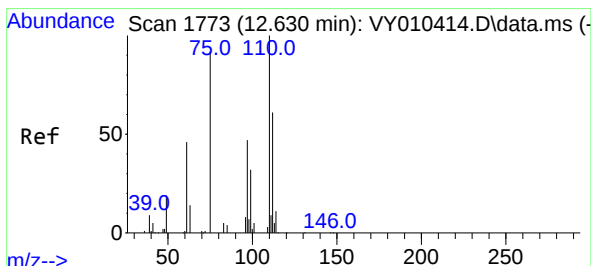
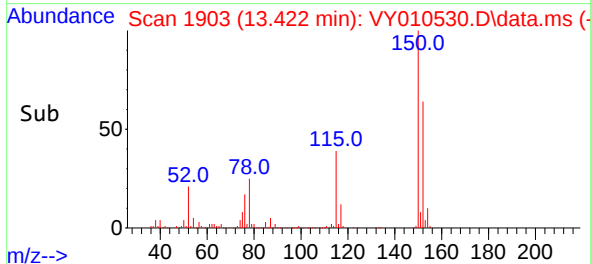
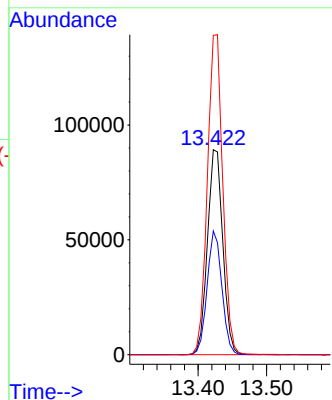
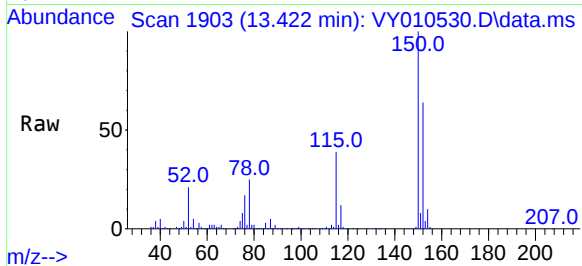




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

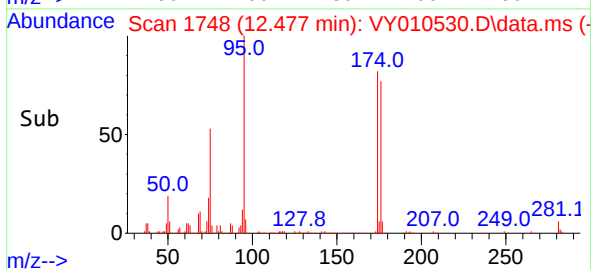
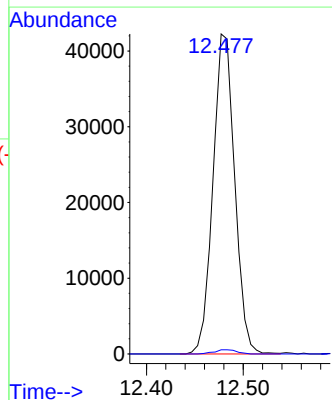
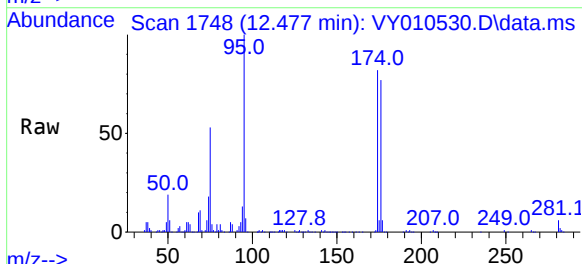
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

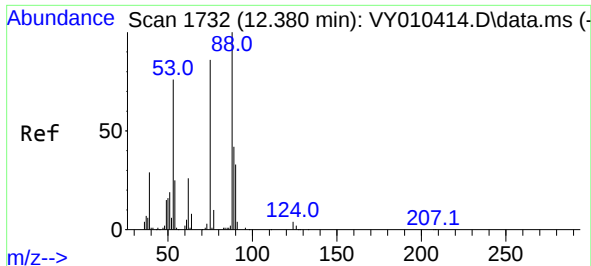
Tgt Ion:152 Resp: 139549
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.794 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010530.D
Acq: 16 Sep 2022 12:55

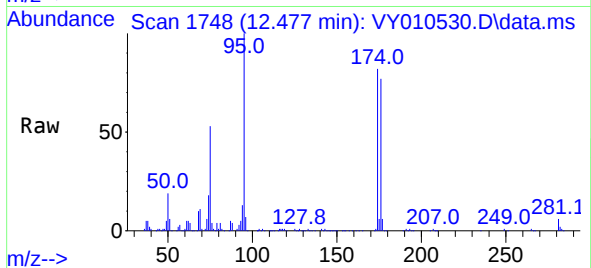
Tgt Ion: 75 Resp: 65910
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.019 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010530.D
 Acq: 16 Sep 2022 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_PW001-20220902



Tgt Ion: 75 Resp: 65910
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

