

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013358.D
 Acq On : 19 Apr 2023 20:13
 Operator : KP/MD
 Sample : 02389-10
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 06:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

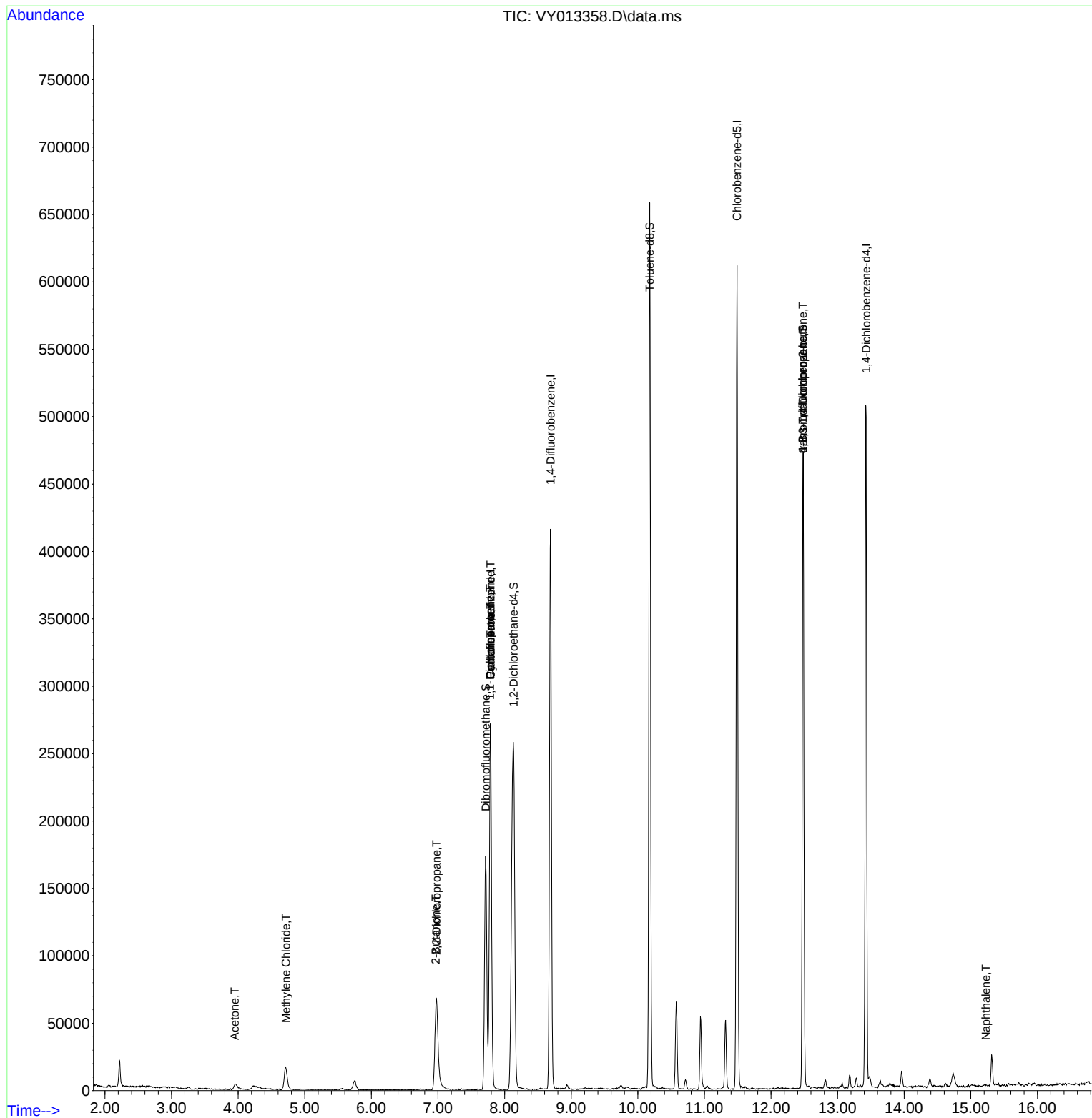
Internal Standards						
1) Pentafluorobenzene	7.789	168	211977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133501	52.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.820%	
35) Dibromofluoromethane	7.716	113	122950	53.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.179	98	423368	49.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	12.477	95	130364	46.681	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	201	Below Cal	#	74
16) Acetone	3.948	43	9873	11.272	ug/l	89
20) Methylene Chloride	4.716	84	12594	1.281	ug/l	96
25) 2-Butanone	6.966	43	4386	3.911	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	5829	1.549	ug/l #	52
31) Cyclohexane	7.789	56	4485	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16194	4.629	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21225	5.487	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	67869	40.620	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67869	84.306	ug/l #	13
95) Naphthalene	15.227	128	525	3.288	ug/l #	69

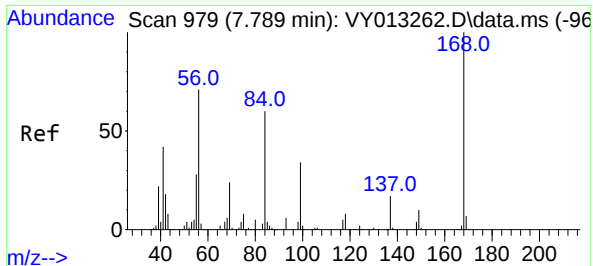
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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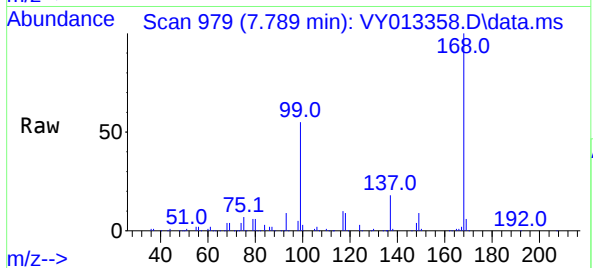
Quant Time: Apr 20 06:58:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



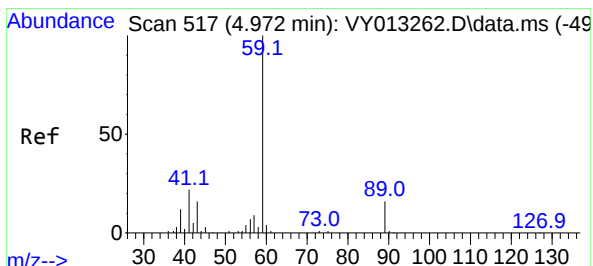
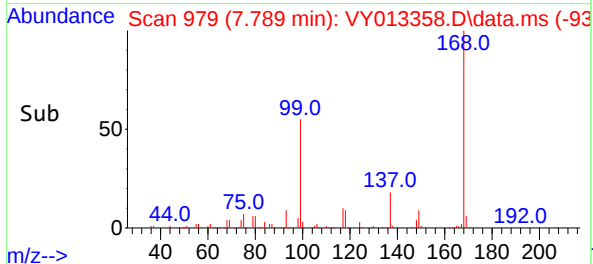
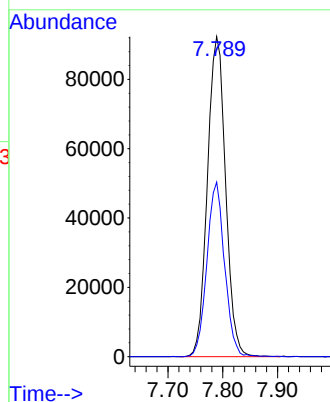


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Instrument :
MSVOA_Y
ClientSampleId :

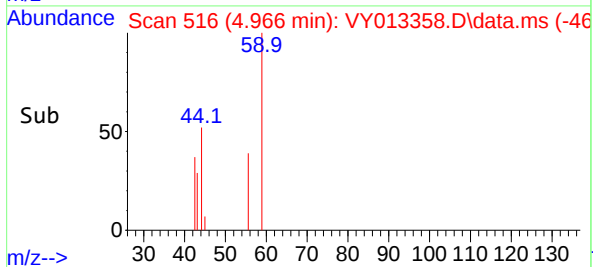
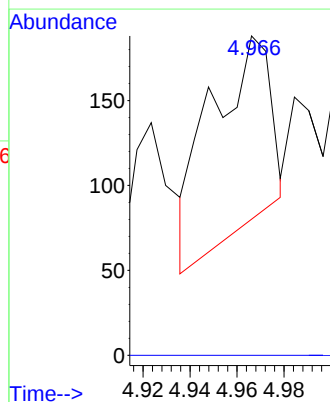
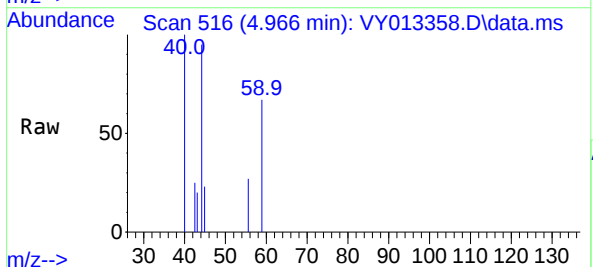


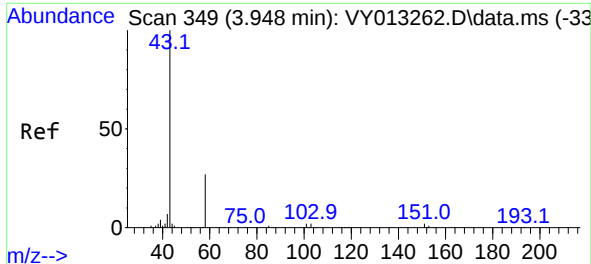
Tgt Ion:168 Resp: 211977
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 11.272 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY013358.D

Acq: 19 Apr 2023 20:13

Instrument :

MSVOA_Y

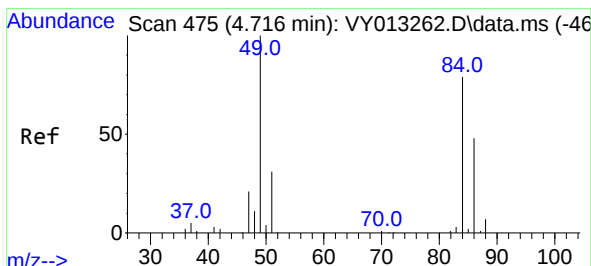
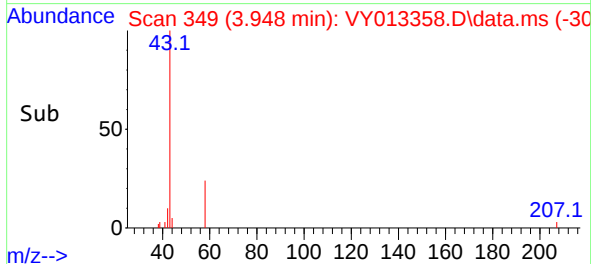
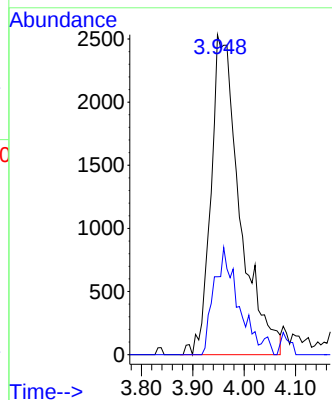
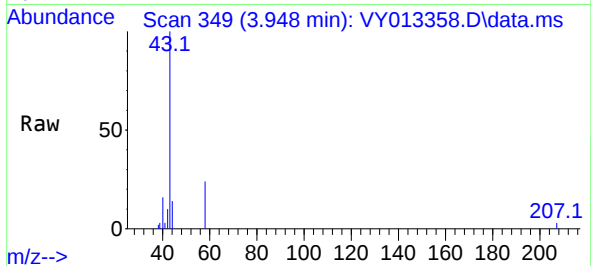
ClientSampleId :

Tgt Ion: 43 Resp: 9873

Ion Ratio Lower Upper

43 100

58 24.3 24.2 36.2



#20

Methylene Chloride

Concen: 1.281 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013358.D

Acq: 19 Apr 2023 20:13

Tgt Ion: 84 Resp: 12594

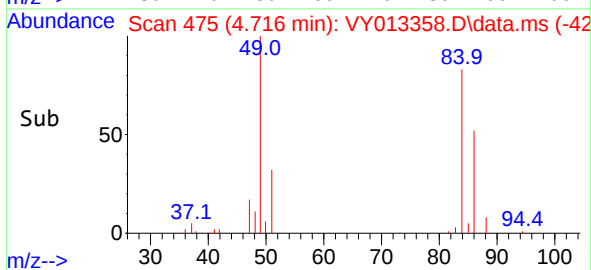
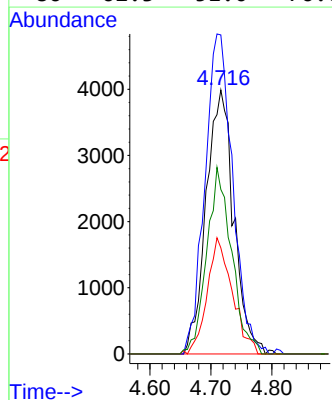
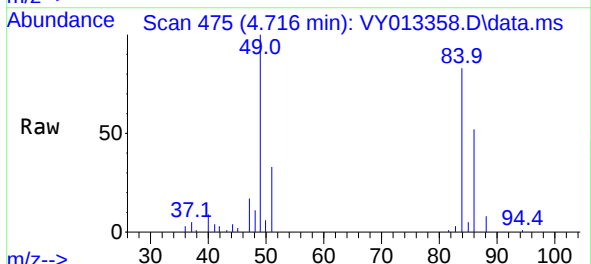
Ion Ratio Lower Upper

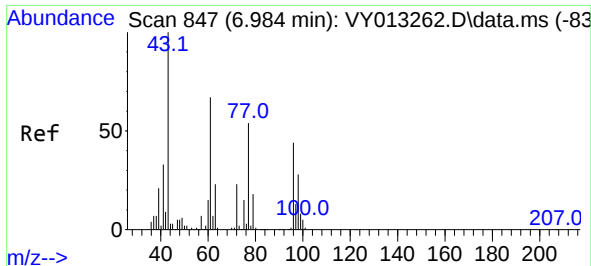
84 100

49 120.8 102.6 154.0

51 40.2 31.9 47.9

86 62.3 51.0 76.6





#25

2-Butanone

Concen: 3.911 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.019 min

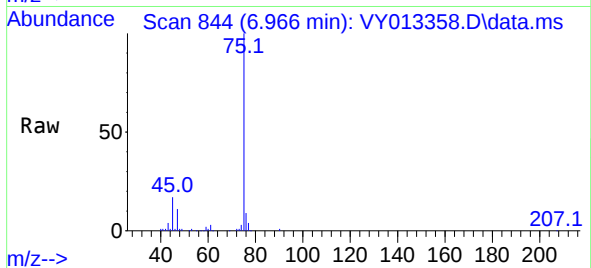
Lab File: VY013358.D

Acq: 19 Apr 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

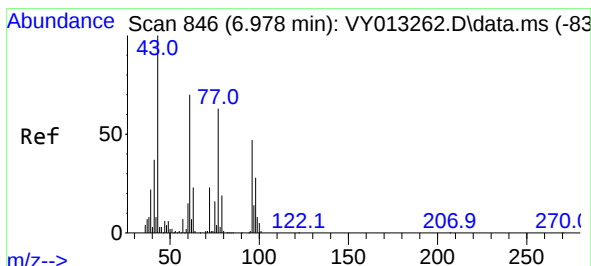
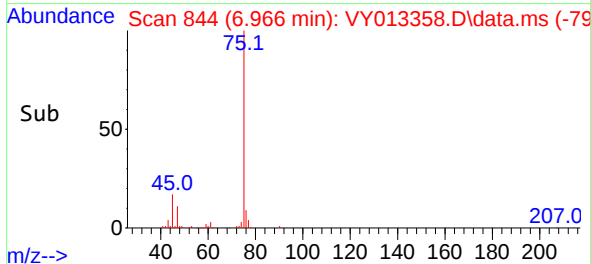
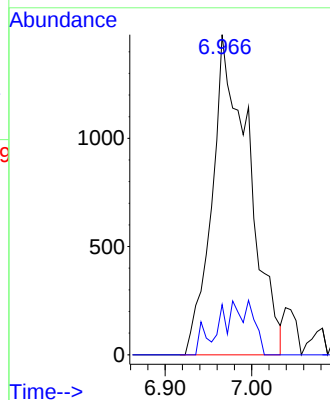


Tgt Ion: 43 Resp: 4386

Ion Ratio Lower Upper

43 100

72 15.7 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.549 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013358.D

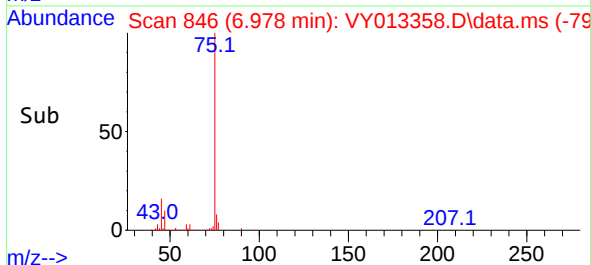
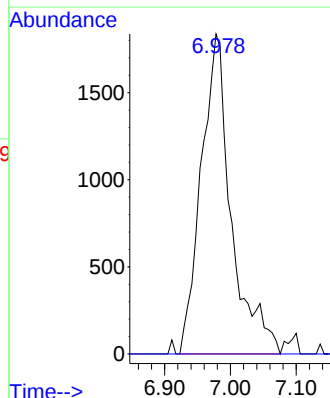
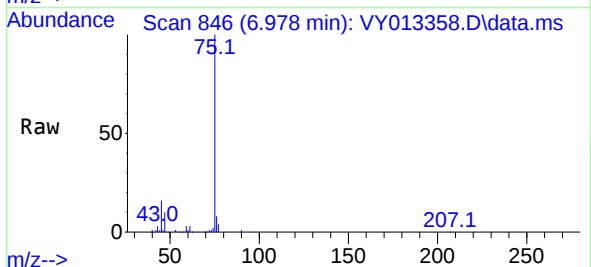
Acq: 19 Apr 2023 20:13

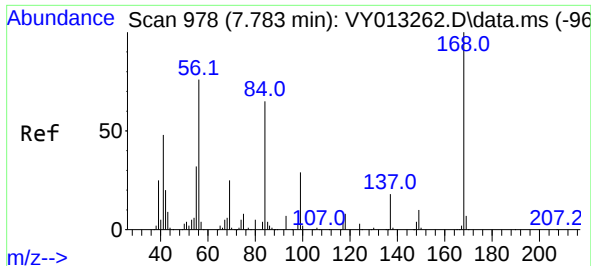
Tgt Ion: 77 Resp: 5829

Ion Ratio Lower Upper

77 100

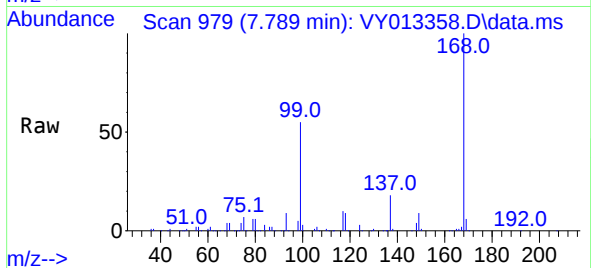
97 0.0 11.7 35.0#



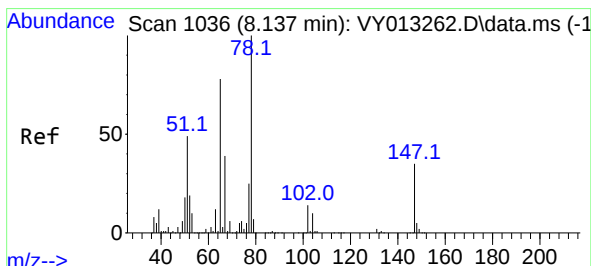
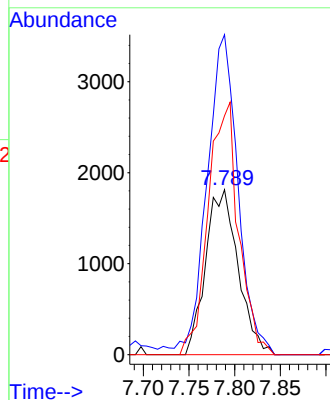
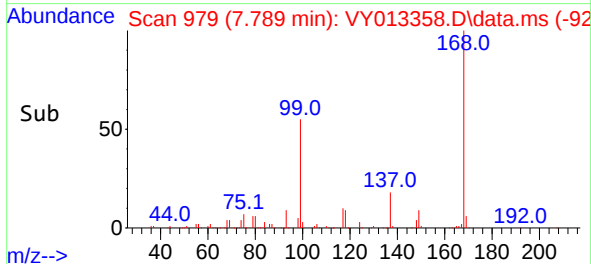


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Instrument :
MSVOA_Y
ClientSampleId :

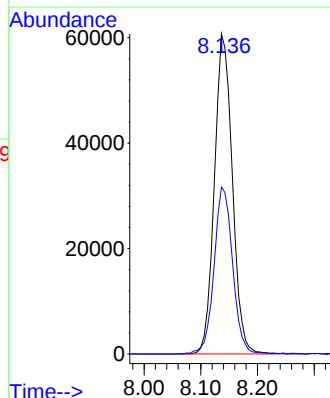
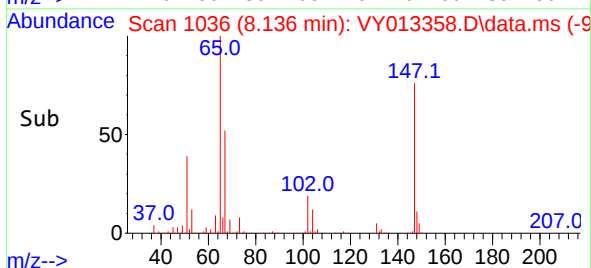
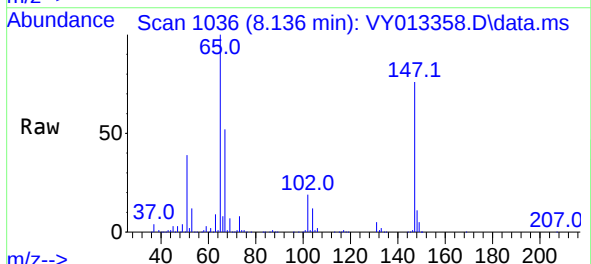


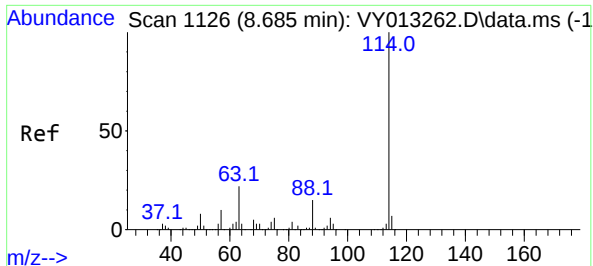
Tgt Ion: 56 Resp: 4485
Ion Ratio Lower Upper
56 100
69 194.0 25.7 38.5#
84 144.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 52.405 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Tgt Ion: 65 Resp: 133501
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013358.D

Acq: 19 Apr 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

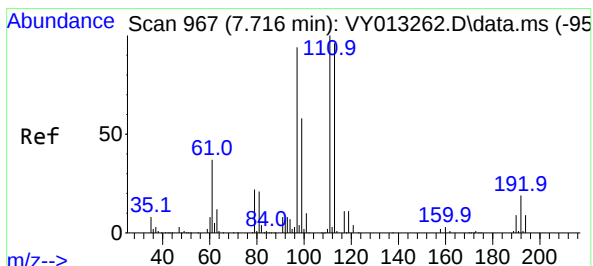
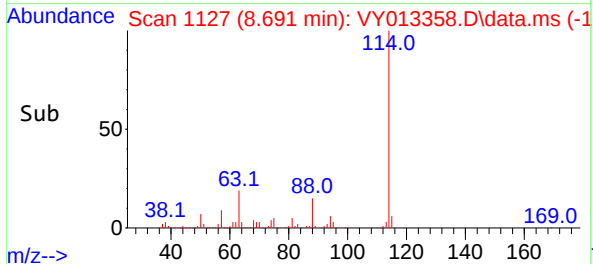
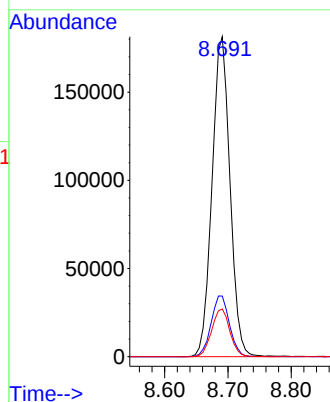
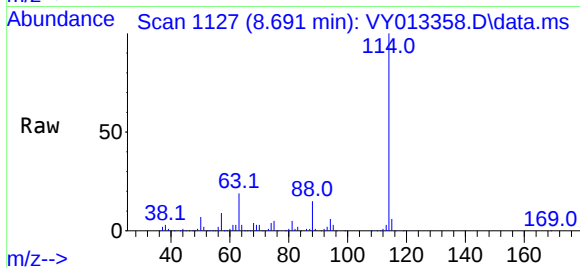
Tgt Ion:114 Resp: 356683

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 53.245 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013358.D

Acq: 19 Apr 2023 20:13

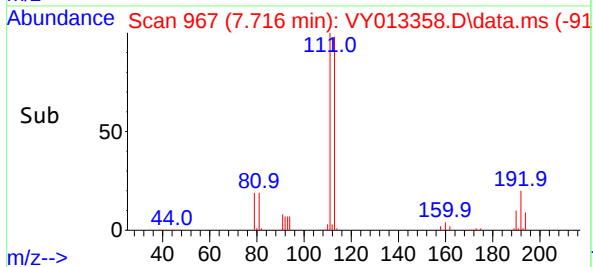
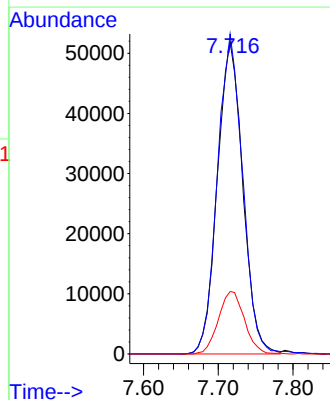
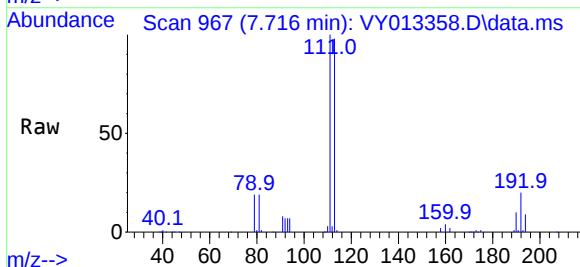
Tgt Ion:113 Resp: 122950

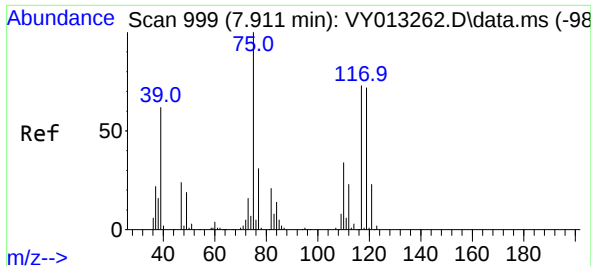
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

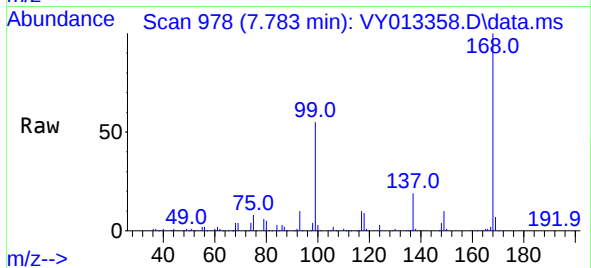
192 20.5 16.8 25.2



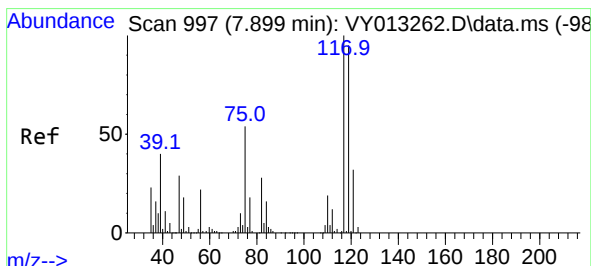
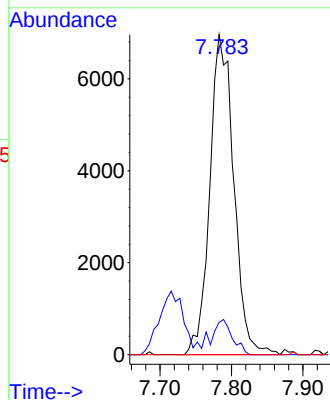
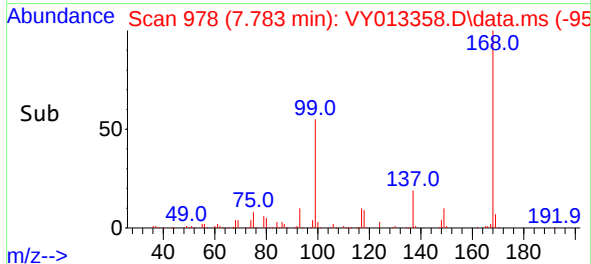


#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

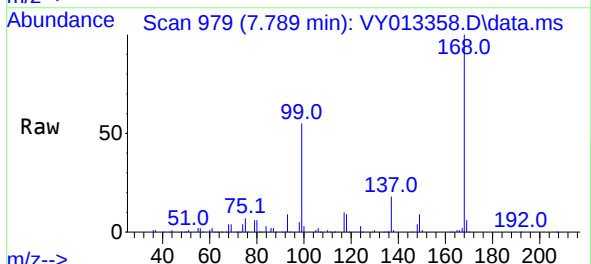
Instrument :
MSVOA_Y
ClientSampleId :



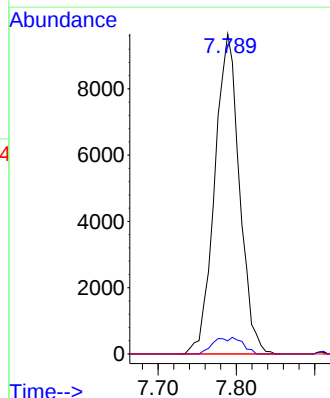
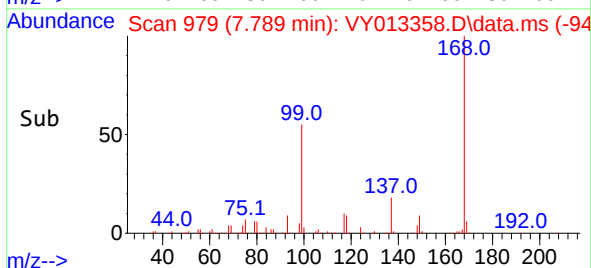
Tgt Ion: 75 Resp: 16194
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.0 25.0 37.4#

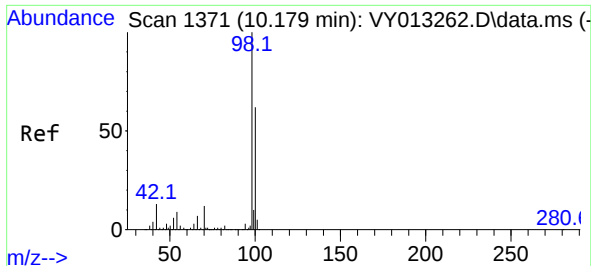


#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13



Tgt Ion: 117 Resp: 21225
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.7 37.1#

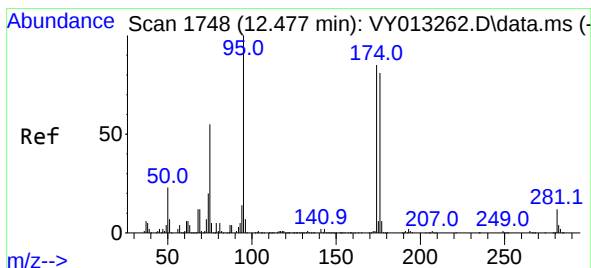
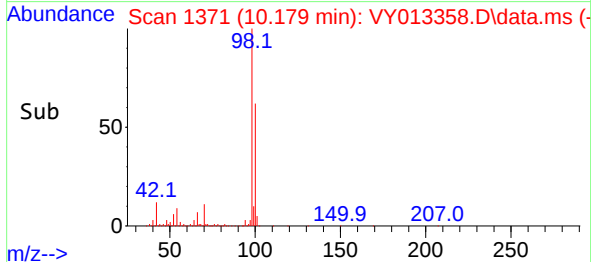
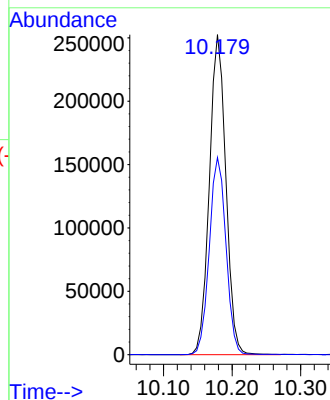
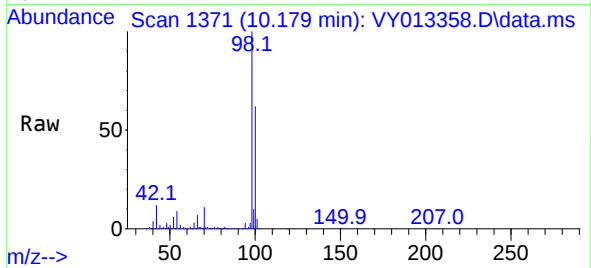




#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

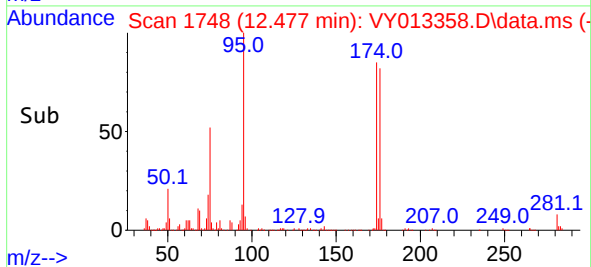
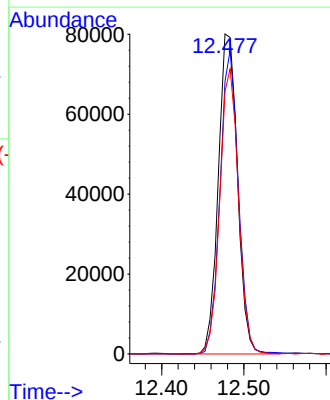
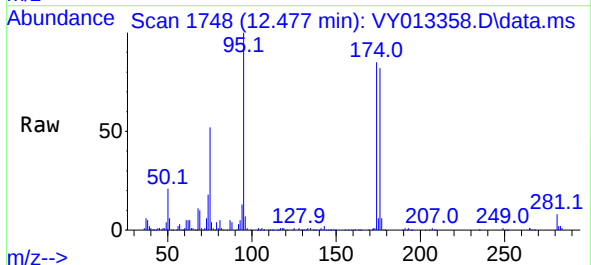
Instrument :
MSVOA_Y
ClientSampleId :

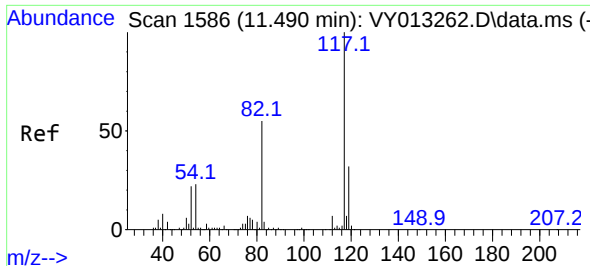
Tgt Ion: 98 Resp: 423368
Ion Ratio Lower Upper
98 100
100 62.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.681 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

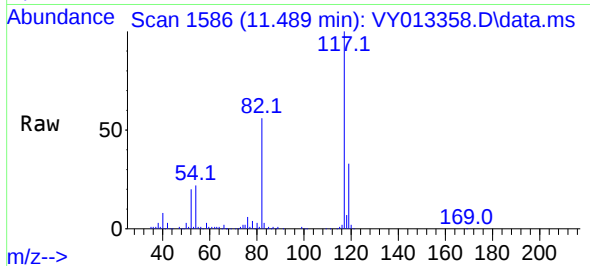
Tgt Ion: 95 Resp: 130364
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.6
176 86.2 0.0 170.2



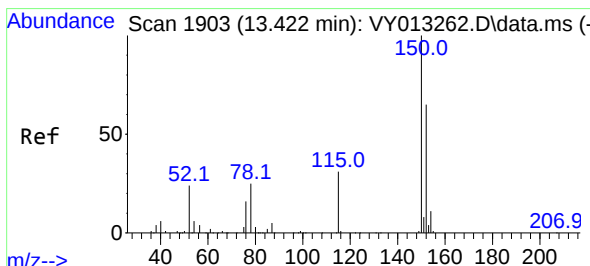
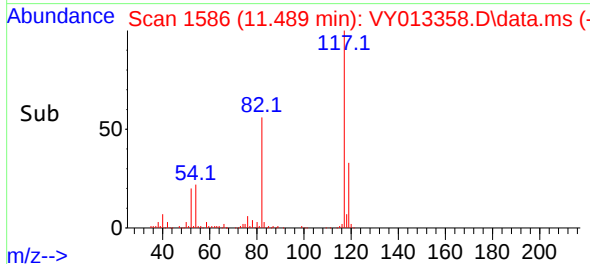
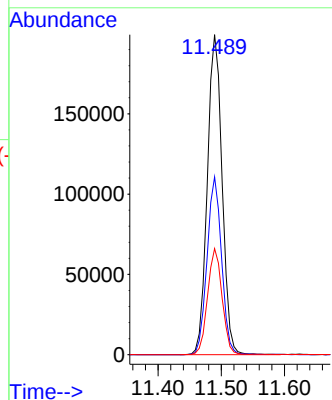


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Instrument :
MSVOA_Y
ClientSampleId :

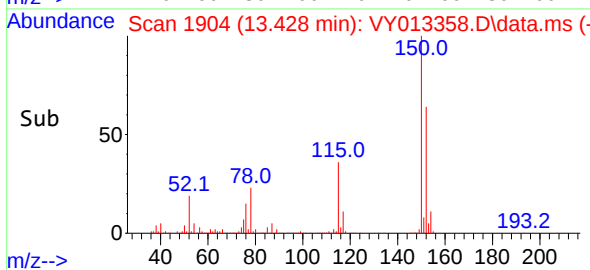
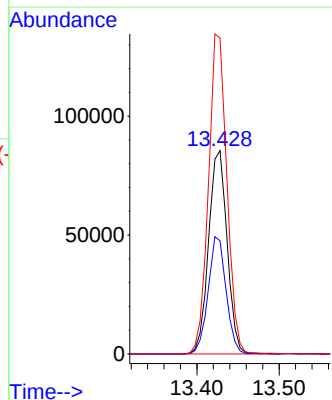
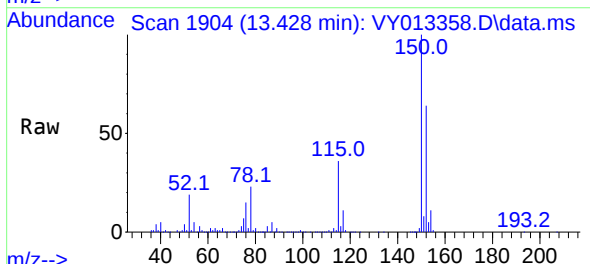


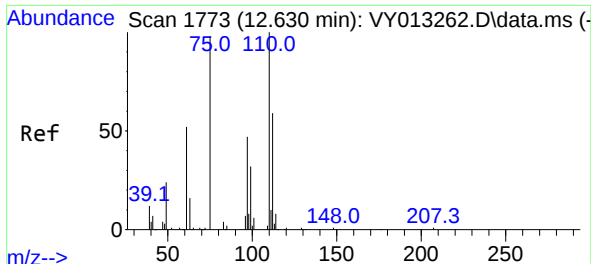
Tgt Ion:117 Resp: 324826
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Tgt Ion:152 Resp: 134087
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 156.6 0.0 347.8

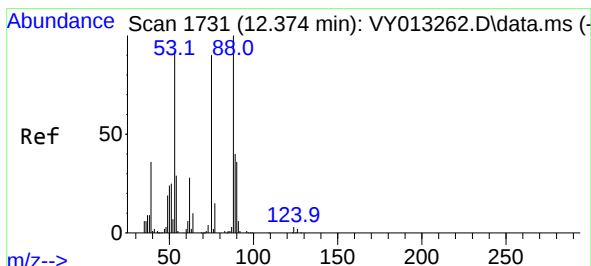
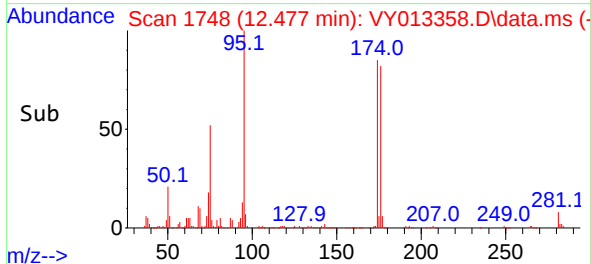
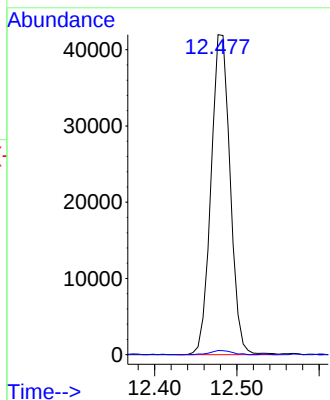
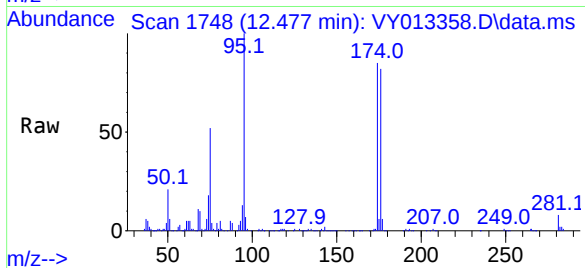




#76
1,2,3-Trichloropropane
Concen: 40.620 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

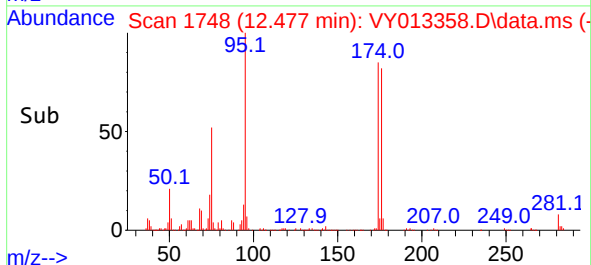
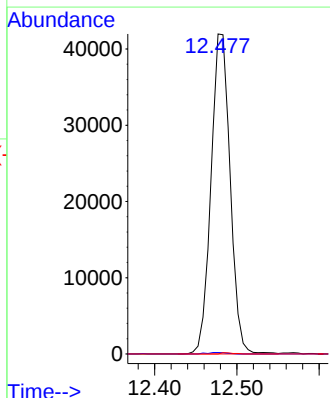
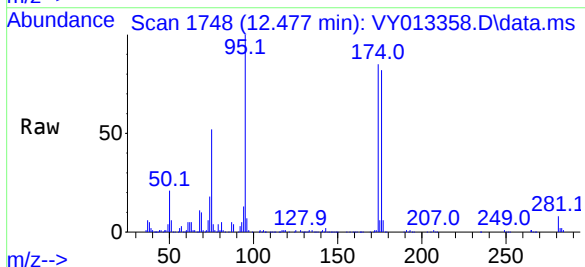
Instrument :
MSVOA_Y
ClientSampleId :

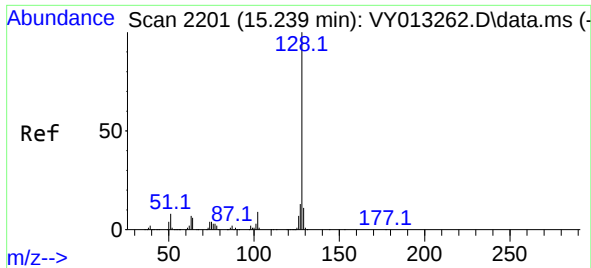
Tgt Ion: 75 Resp: 67869
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.306 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

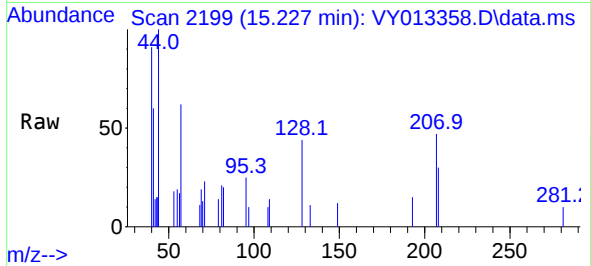
Tgt Ion: 75 Resp: 67869
Ion Ratio Lower Upper
75 100
53 0.5 73.4 110.0#
89 0.2 36.6 55.0#





#95
Naphthalene
Concen: 3.288 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.013 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

