

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013851.D
 Acq On : 24 May 2023 17:09
 Operator : KP/MD
 Sample : 02848-10
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP5

Quant Time: May 25 07:09:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

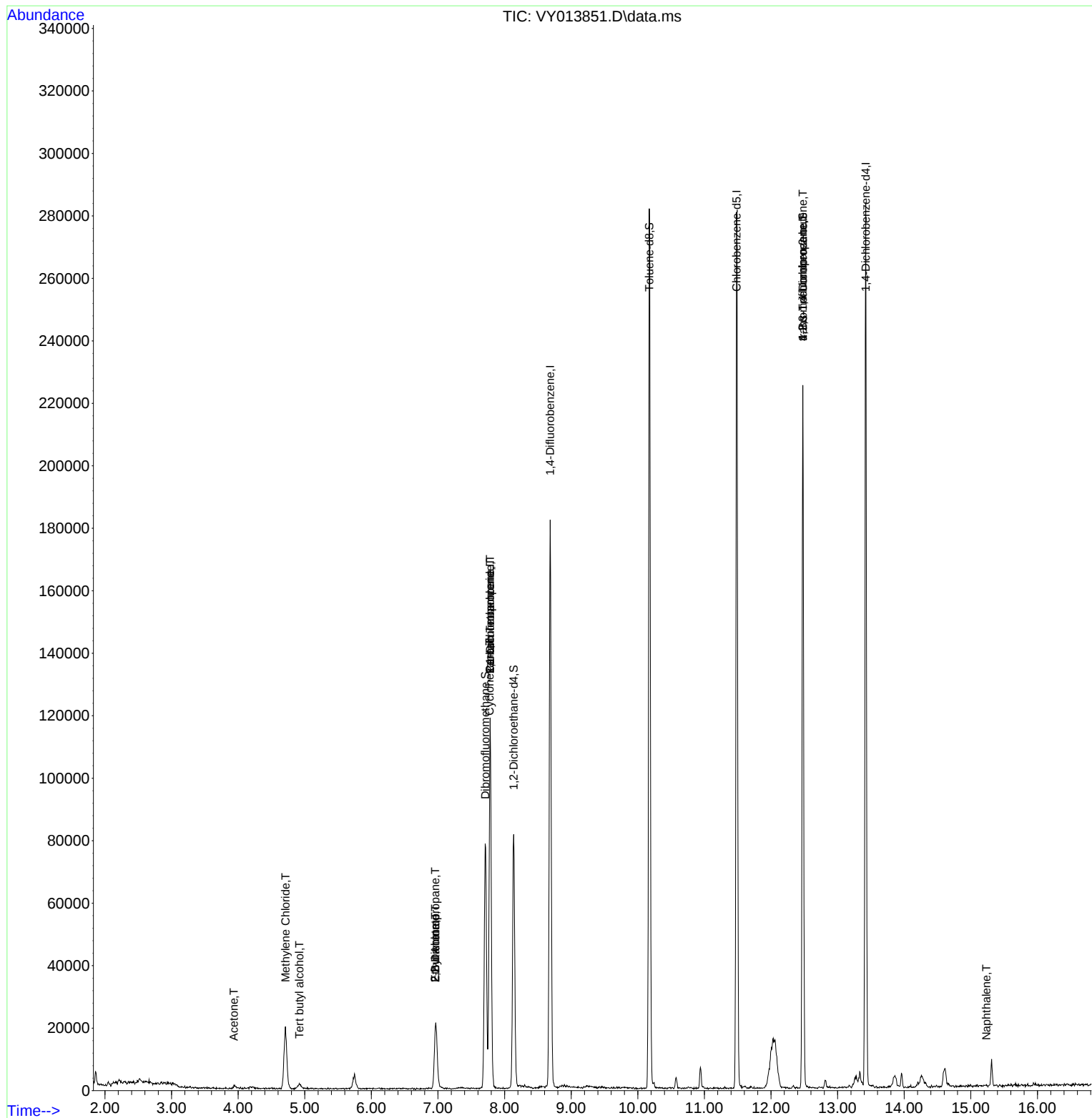
Internal Standards						
1) Pentafluorobenzene	7.783	168	88694	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	151620	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	152332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66433	64.743	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery	= 129.480%		
35) Dibromofluoromethane	7.710	113	53469	54.606	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery	= 109.220%		
50) Toluene-d8	10.173	98	184344	49.535	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery	= 99.060%		
62) 4-Bromofluorobenzene	12.477	95	62418	50.458	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 100.920%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.917	59	230	2.926	ug/l #	73
16) Acetone	3.936	43	1609	5.283	ug/l #	84
20) Methylene Chloride	4.710	84	13154	10.158	ug/l	95
25) 2-Butanone	6.960	43	1525	4.104	ug/l #	49
26) 2,2-Dichloropropane	6.960	77	1614	1.004	ug/l #	53
31) Cyclohexane	7.777	56	2229	1.414	ug/l #	37
36) 1,1-Dichloropropene	7.783	75	6942	4.655	ug/l #	51
37) Ethyl Acetate	6.960	43	1525	1.676	ug/l #	26
38) Carbon Tetrachloride	7.783	117	8408	4.957	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	33972	41.444	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33972	89.962	ug/l #	10
95) Naphthalene	15.233	128	403	4.672	ug/l #	68

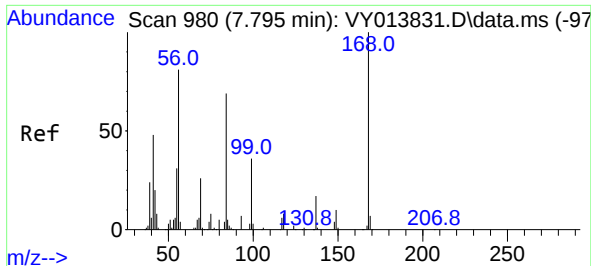
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013851.D
Acq On : 24 May 2023 17:09
Operator : KP/MD
Sample : 02848-10
Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP5

Quant Time: May 25 07:09:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

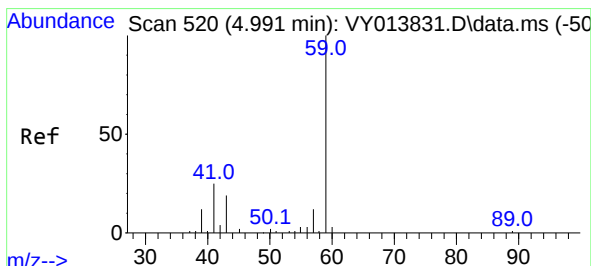
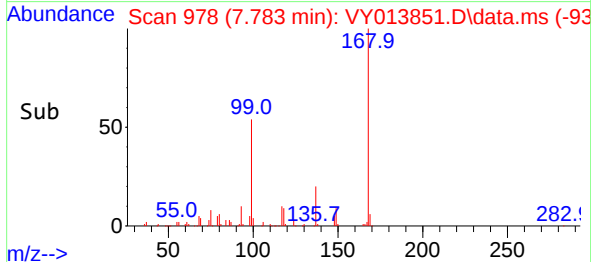
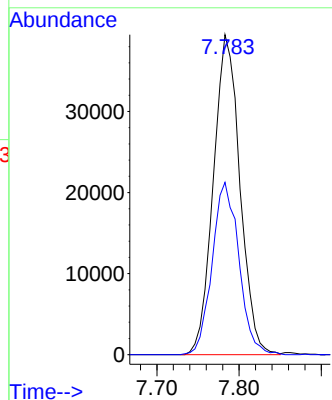
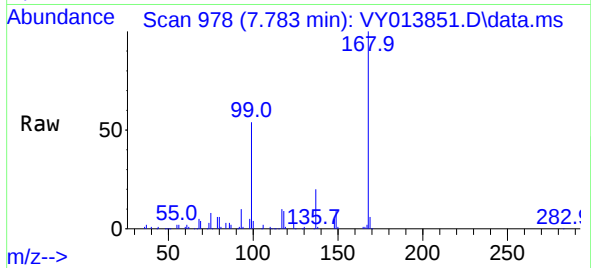




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

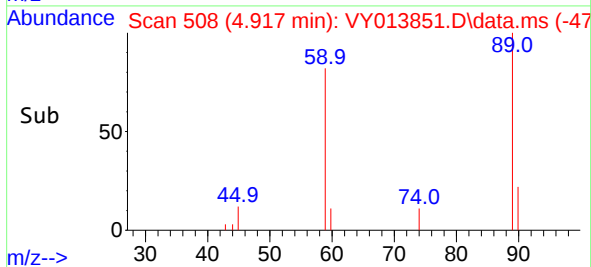
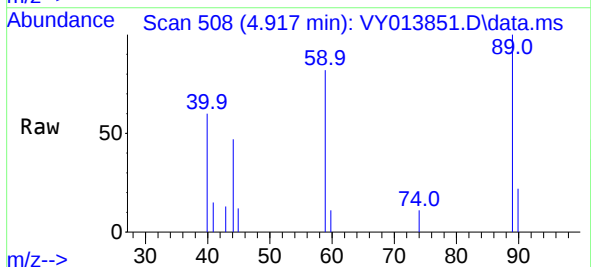
Instrument :
MSVOA_Y
ClientSampleId :
TP5

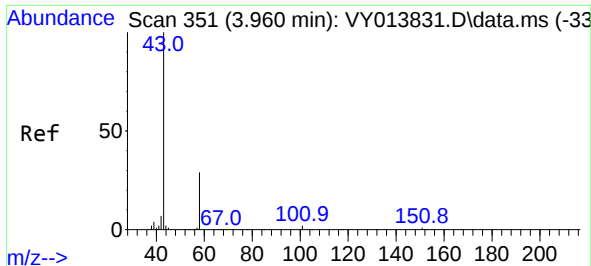
Tgt Ion:168 Resp: 88694
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.2



#11
Tert butyl alcohol
Concen: 2.926 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.073 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 59 Resp: 230
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

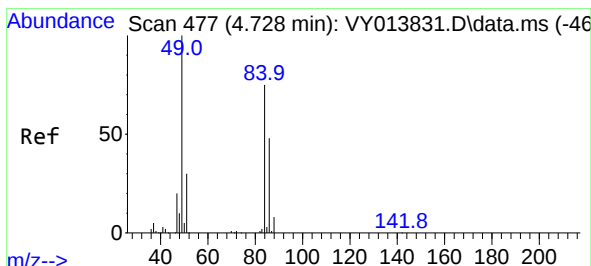
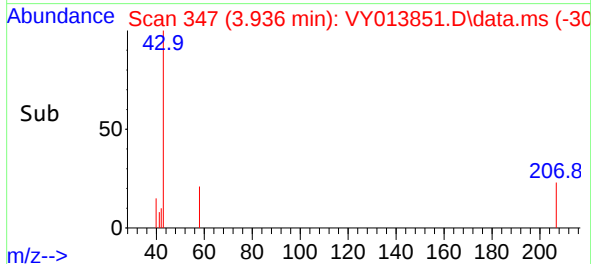
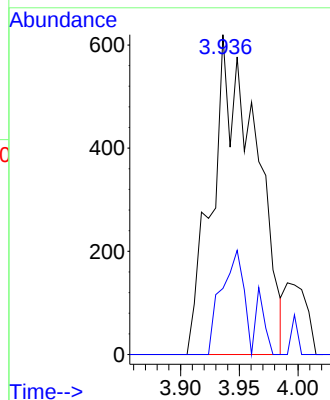
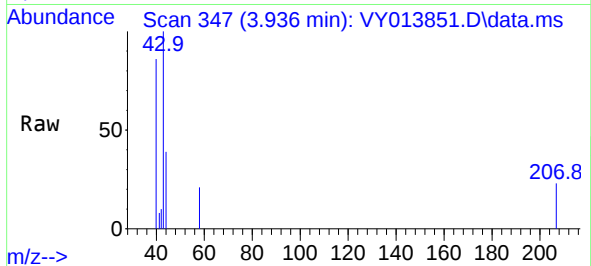




#16
Acetone
Concen: 5.283 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

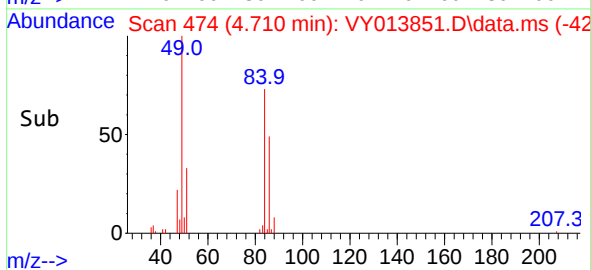
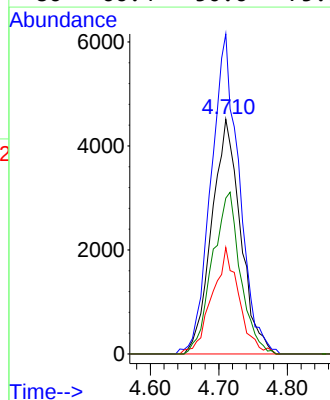
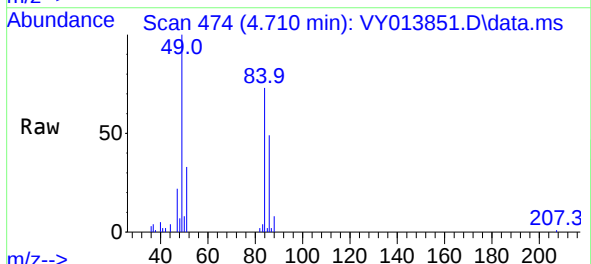
Instrument :
MSVOA_Y
ClientSampleId :
TP5

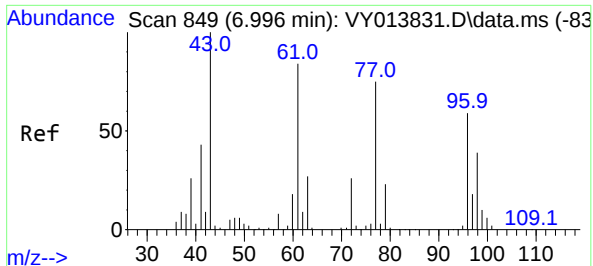
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 20.6 23.3 34.9#



#20
Methylene Chloride
Concen: 10.158 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 84 Resp: 13154
Ion Ratio Lower Upper
84 100
49 136.4 106.2 159.2
51 45.3 31.4 47.0
86 66.4 50.6 75.8





#25

2-Butanone

Concen: 4.104 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.037 min

Lab File: VY013851.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

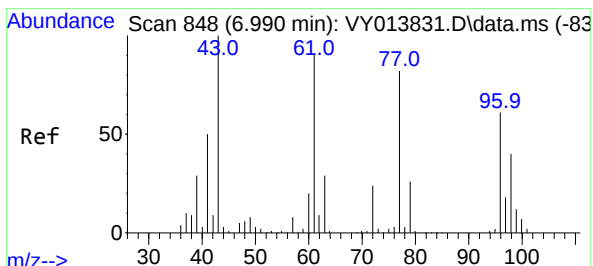
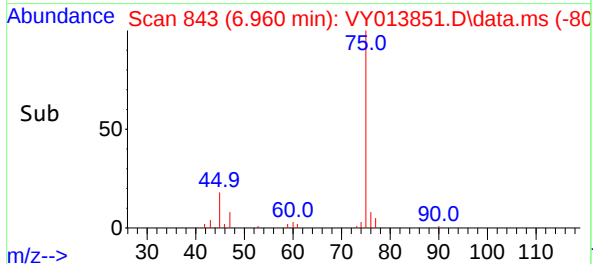
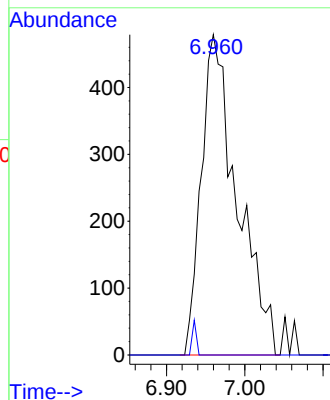
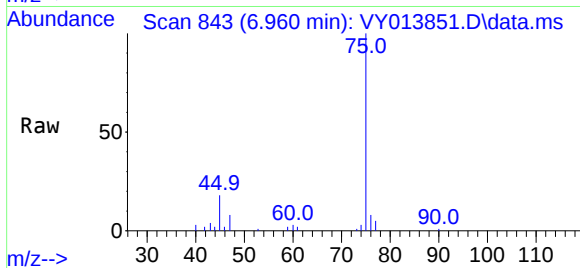
TP5

Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.004 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.030 min

Lab File: VY013851.D

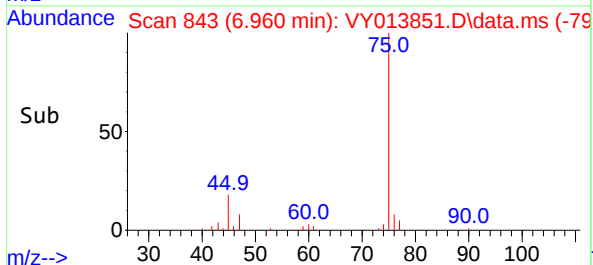
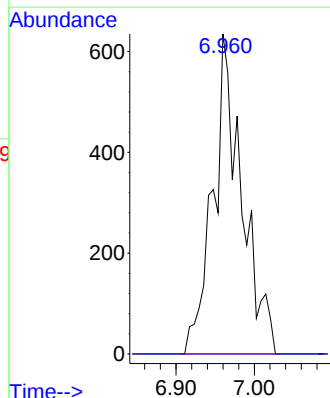
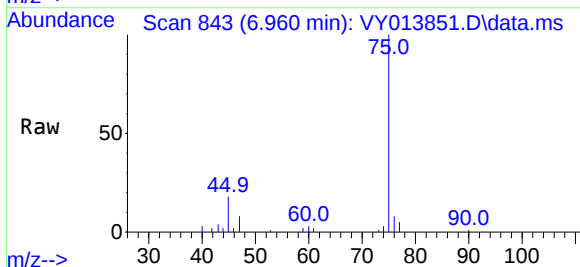
Acq: 24 May 2023 17:09

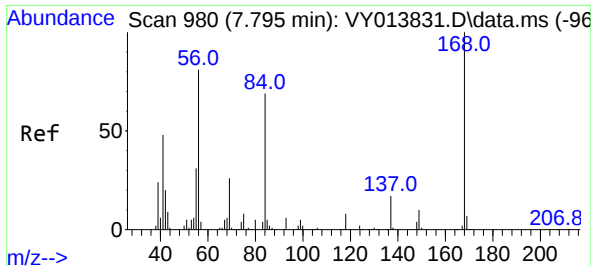
Tgt Ion: 77 Resp: 1614

Ion Ratio Lower Upper

77 100

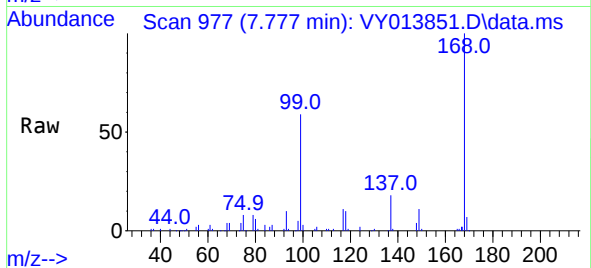
97 0.0 11.2 33.6#



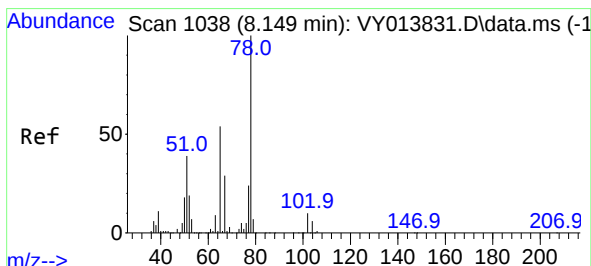
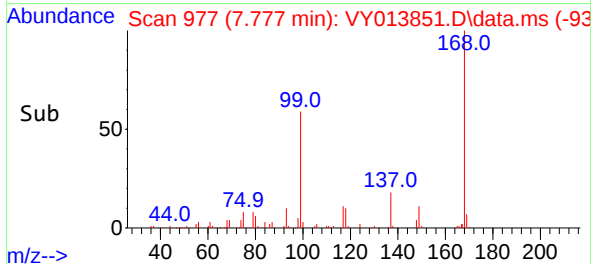
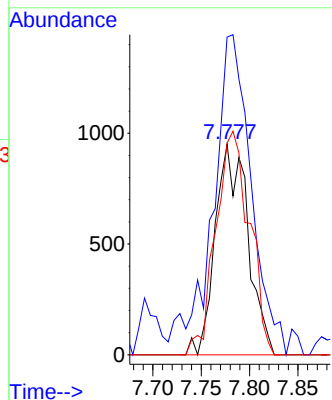


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
TP5

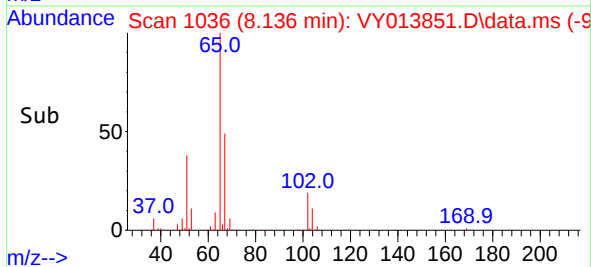
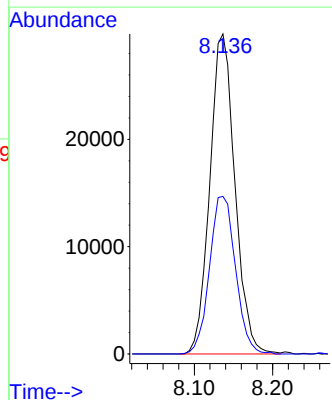
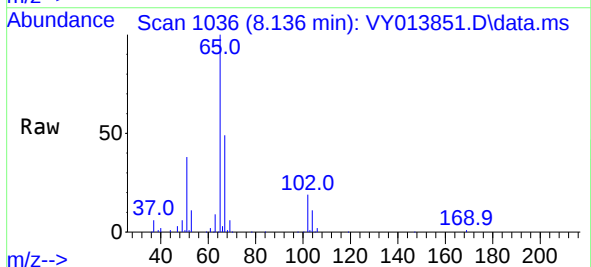


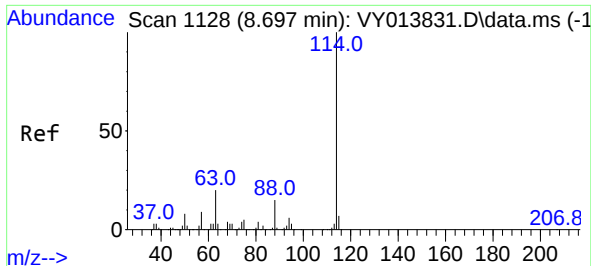
Tgt Ion: 56 Resp: 2229
Ion Ratio Lower Upper
56 100
69 135.3 25.8 38.8#
84 100.6 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 64.743 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 65 Resp: 66433
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013851.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

TP5

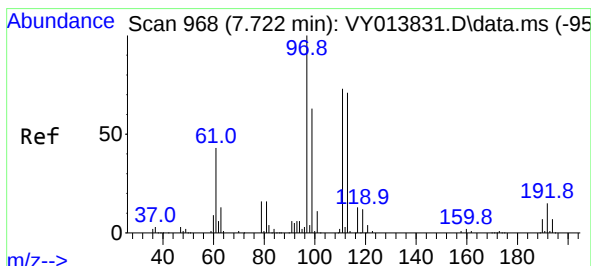
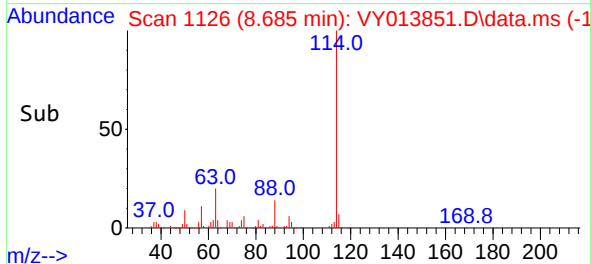
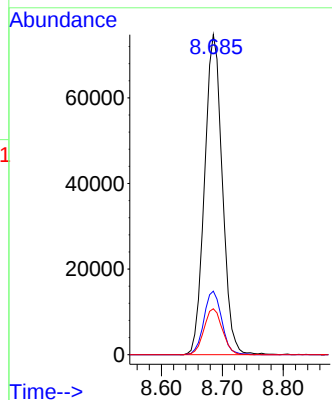
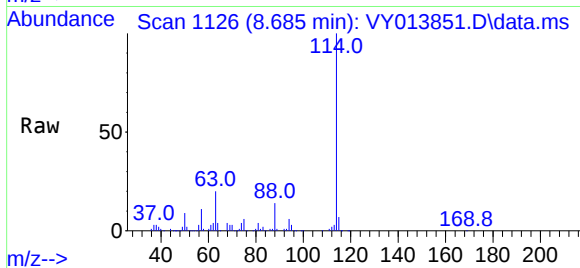
Tgt Ion:114 Resp: 151620

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.606 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY013851.D

Acq: 24 May 2023 17:09

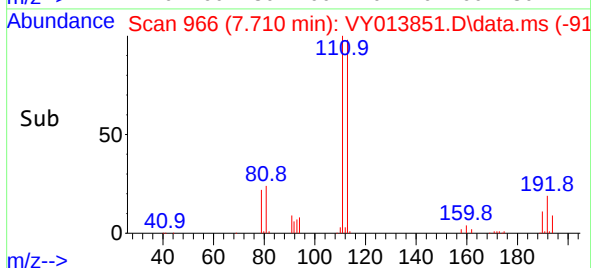
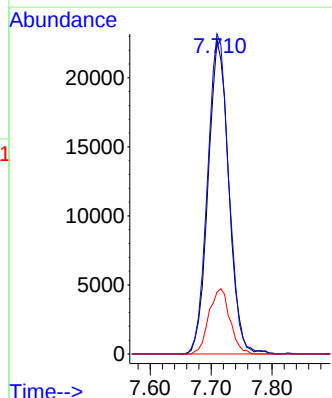
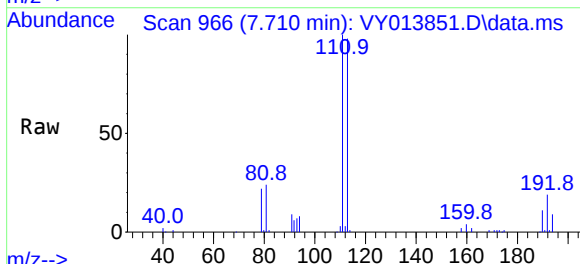
Tgt Ion:113 Resp: 53469

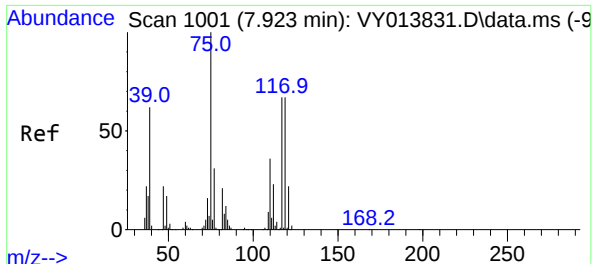
Ion Ratio Lower Upper

113 100

111 104.5 80.4 120.6

192 21.1 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY013851.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

TP5

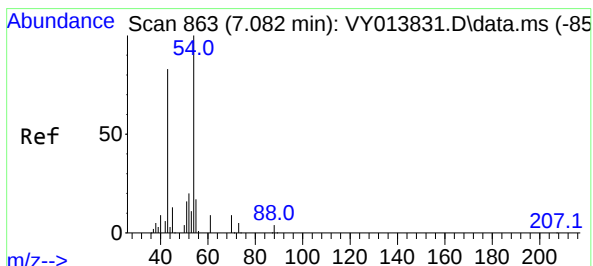
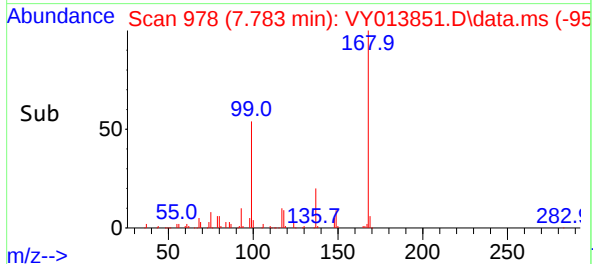
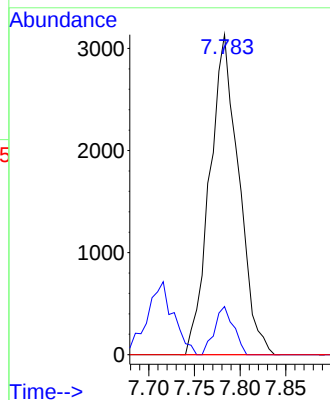
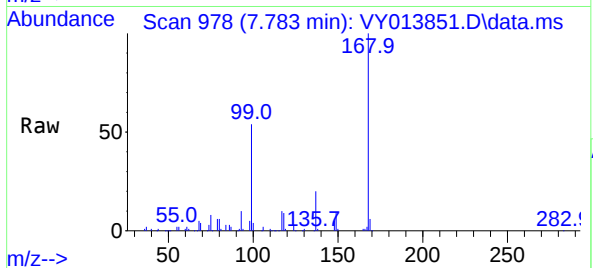
Tgt Ion: 75 Resp: 6942

Ion Ratio Lower Upper

75 100

110 9.9 17.5 52.6#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.676 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.122 min

Lab File: VY013851.D

Acq: 24 May 2023 17:09

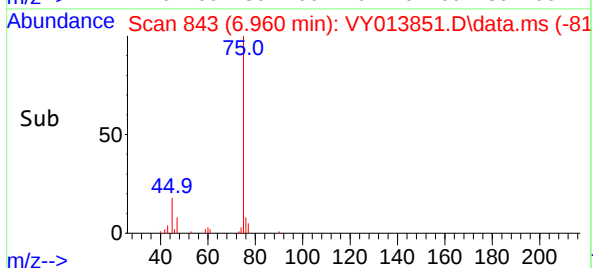
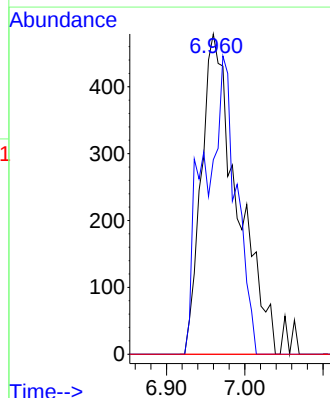
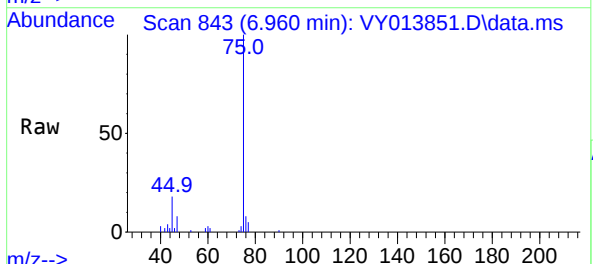
Tgt Ion: 43 Resp: 1525

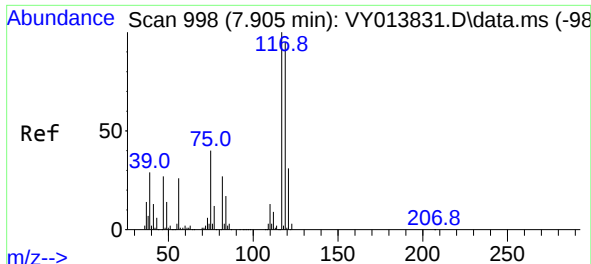
Ion Ratio Lower Upper

43 100

61 55.8 10.5 15.7#

70 0.0 6.9 10.3#

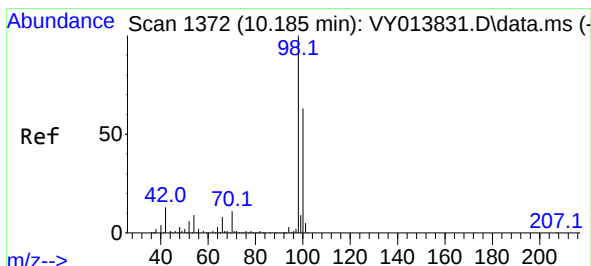
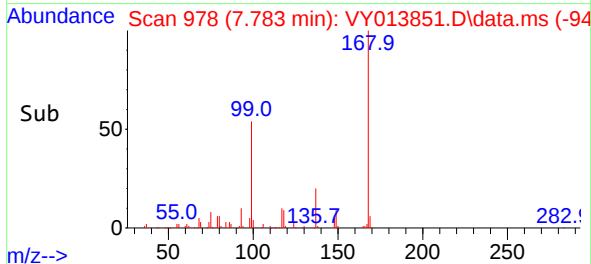
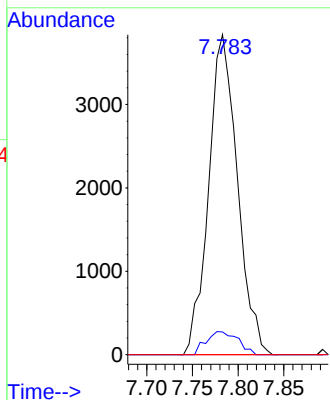
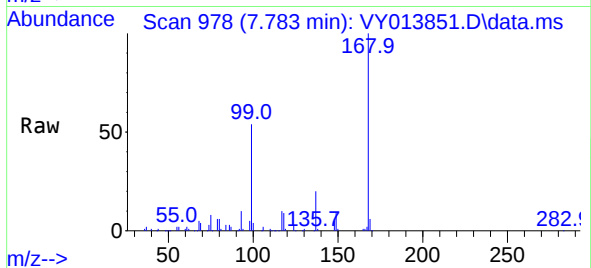




#38
Carbon Tetrachloride
Concen: 4.957 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

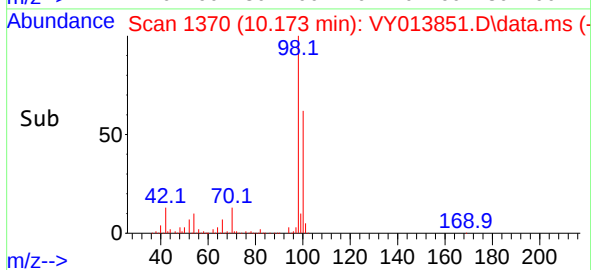
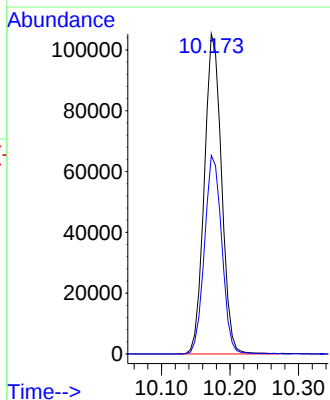
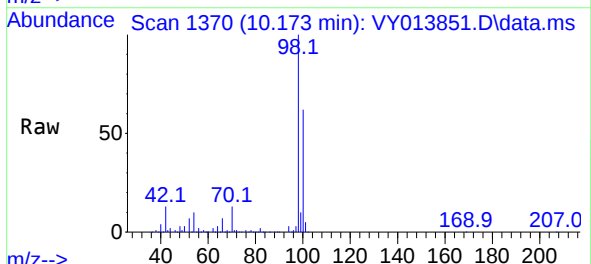
Instrument :
MSVOA_Y
ClientSampleId :
TP5

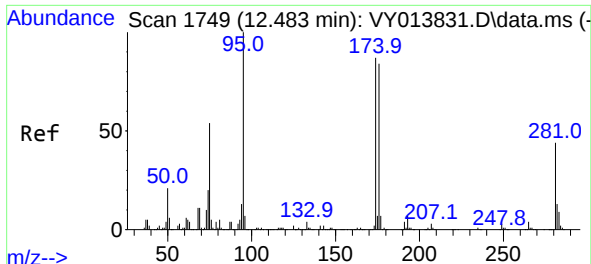
Tgt Ion:117 Resp: 8408
Ion Ratio Lower Upper
117 100
119 7.1 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.535 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.012 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 98 Resp: 184344
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

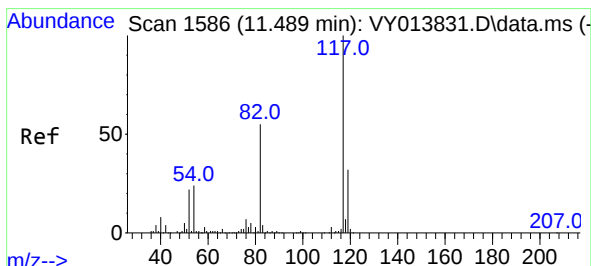
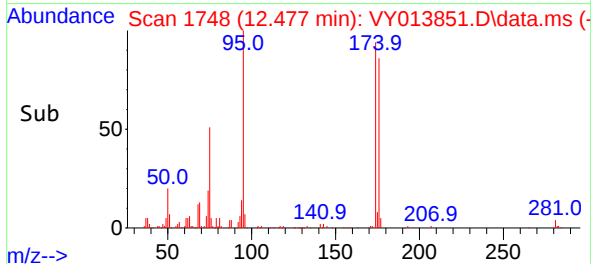
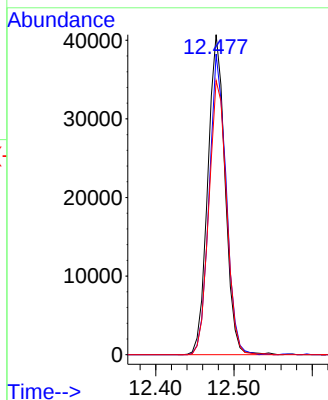
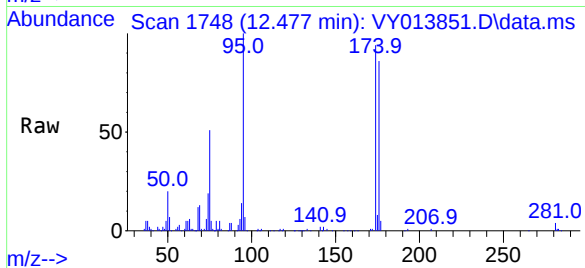




#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

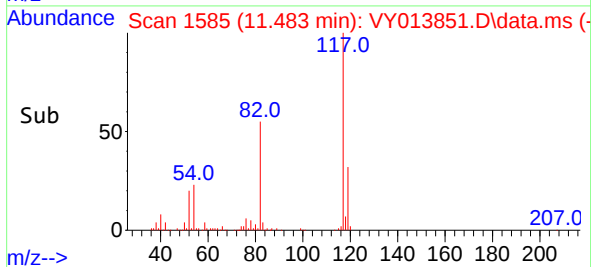
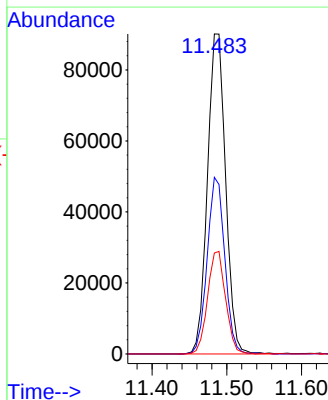
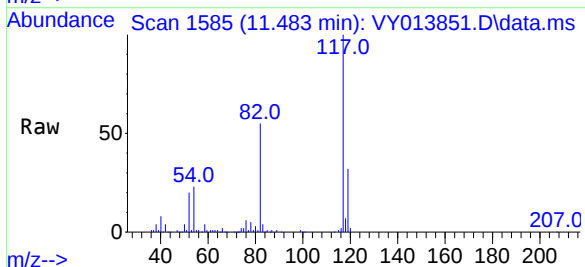
Instrument :
MSVOA_Y
ClientSampleId :
TP5

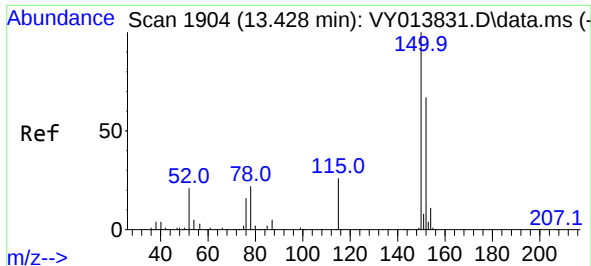
Tgt Ion:	95	Resp:	62418
Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	176.0
176	87.5	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion:	117	Resp:	152332
Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.4
119	31.6	25.7	38.5

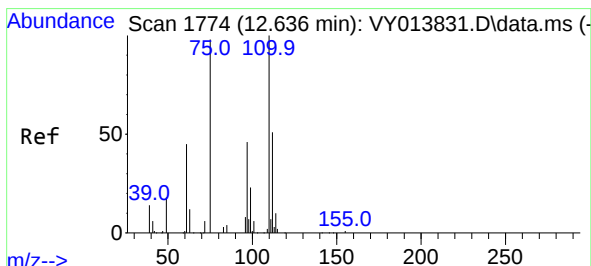
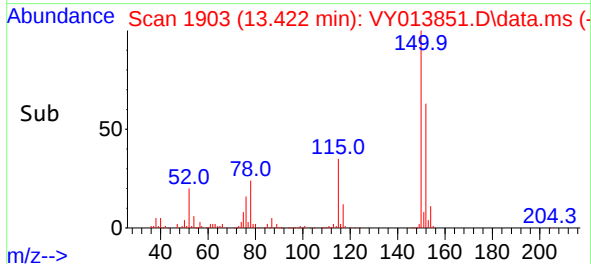
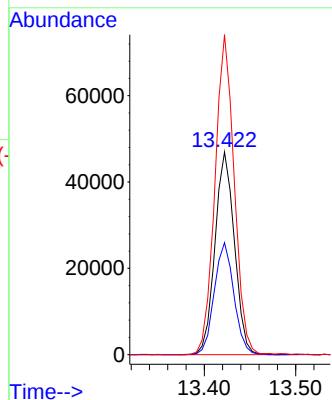
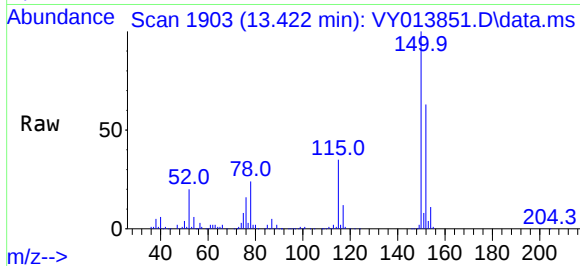




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

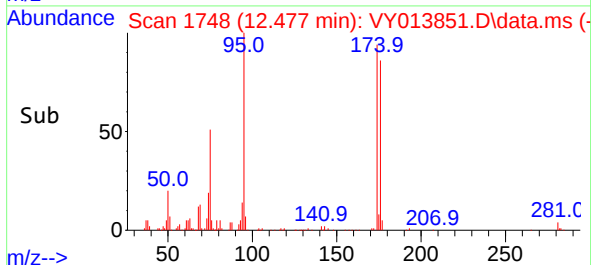
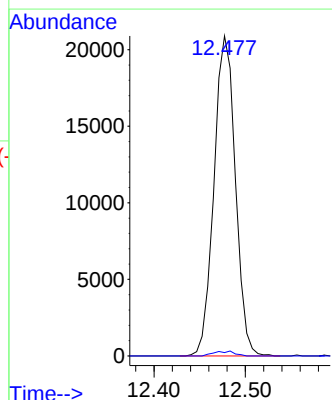
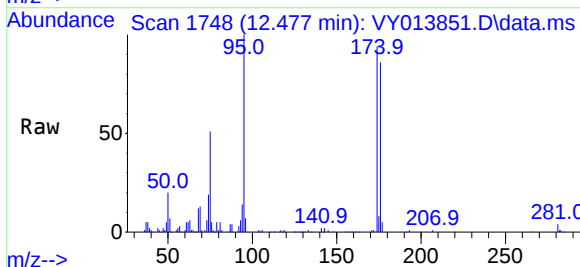
Instrument :
MSVOA_Y
ClientSampleId :
TP5

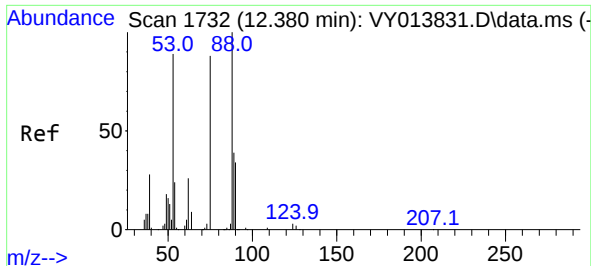
Tgt Ion:152 Resp: 69518
Ion Ratio Lower Upper
152 100
115 55.7 28.8 86.5
150 156.8 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 41.444 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 75 Resp: 33972
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

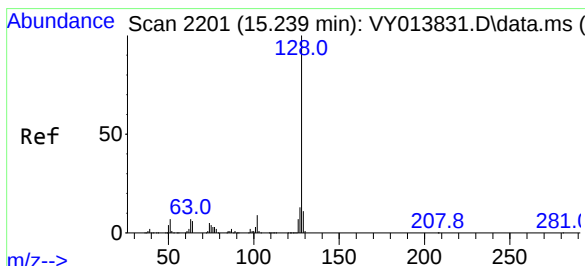
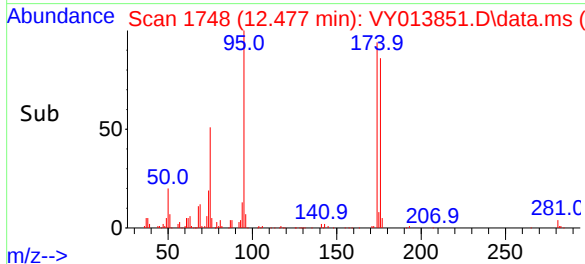
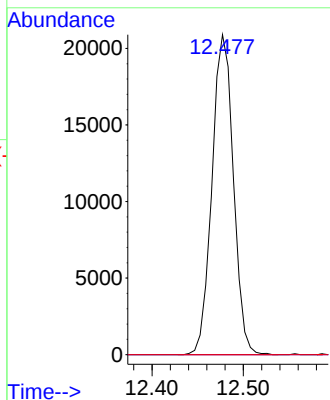
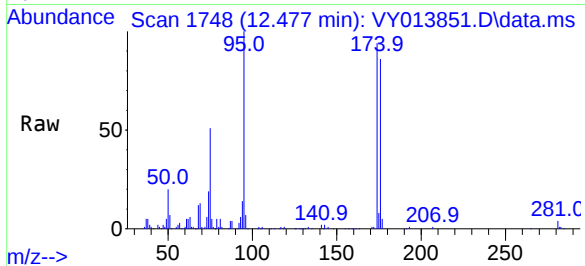




#81
trans-1,4-Dichloro-2-butene
Concen: 89.962 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
TP5

Tgt Ion: 75 Resp: 33972
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.672 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013851.D
Acq: 24 May 2023 17:09

Tgt Ion: 128 Resp: 403
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

