

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012407.D
 Acq On : 30 Jan 2023 18:55
 Operator : KP/MD
 Sample : 01333-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-I

Quant Time: Jan 31 01:49:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards					
1) Pentafluorobenzene	7.789	168	161776	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269680	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267063	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130194	50.000 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.142	65	98853	75.744 ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.480%
35) Dibromofluoromethane	7.716	113	79866	55.930 ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.860%
50) Toluene-d8	10.179	98	321265	66.350 ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.700%
62) 4-Bromofluorobenzene	12.483	95	109632	54.463 ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.920%

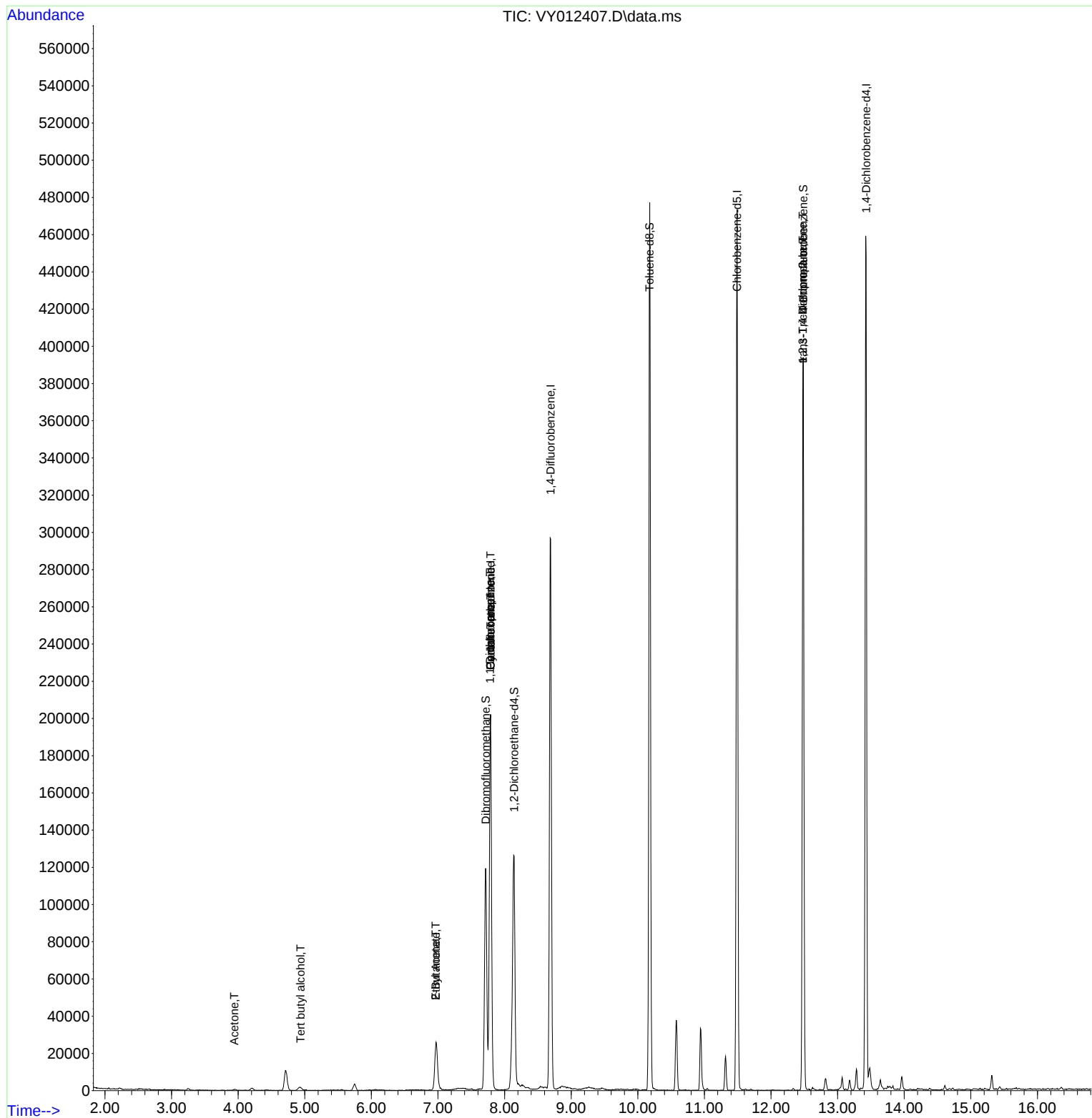
Target Compounds			Qvalue		
11) Tert butyl alcohol	4.936	59	2234	1.816 ug/l #	74
16) Acetone	3.942	43	1037	2.302 ug/l	89
20) Methylene Chloride	4.710	84	8906	Below Cal #	82
25) 2-Butanone	6.966	43	1300	2.614 ug/l	91
31) Cyclohexane	7.789	56	2777	1.177 ug/l #	2
36) 1,1-Dichloropropene	7.783	75	11056	4.556 ug/l #	50
37) Ethyl Acetate	6.966	43	1300	1.215 ug/l #	1
38) Carbon Tetrachloride	7.789	117	15686	5.005 ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	59369	49.591 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59369	102.179 ug/l #	13

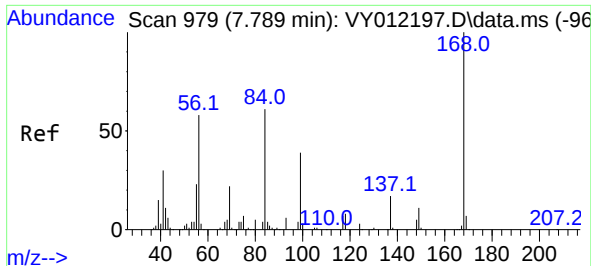
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012407.D
Acq On : 30 Jan 2023 18:55
Operator : KP/MD
Sample : 01333-01
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-I

Quant Time: Jan 31 01:49:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

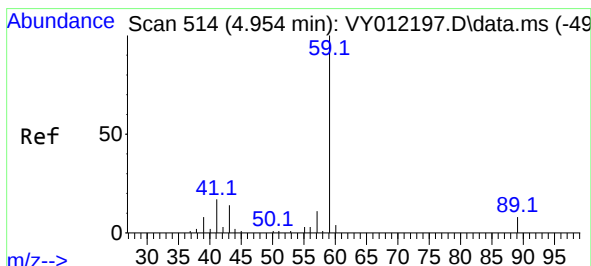
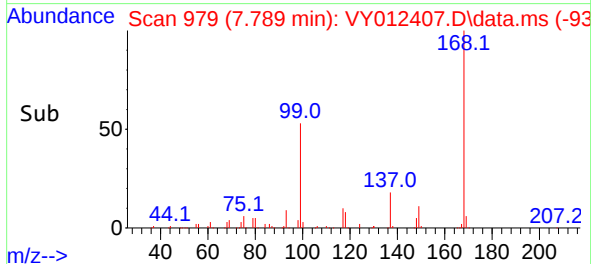
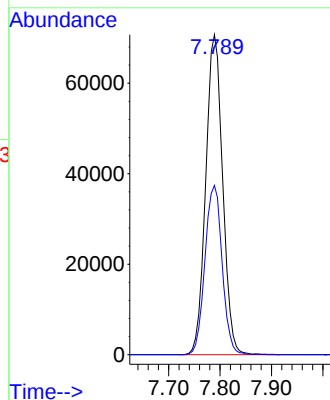
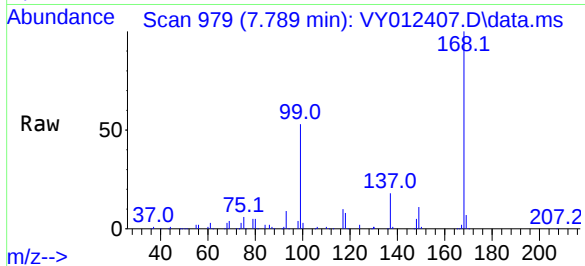




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

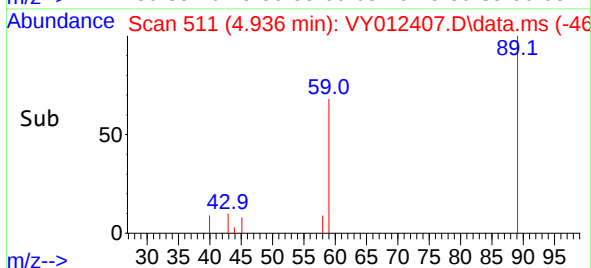
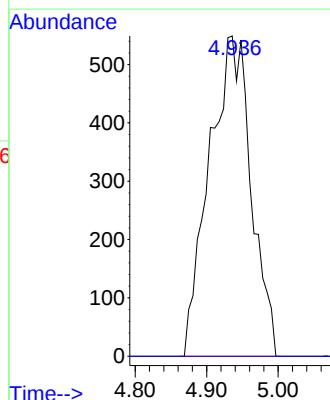
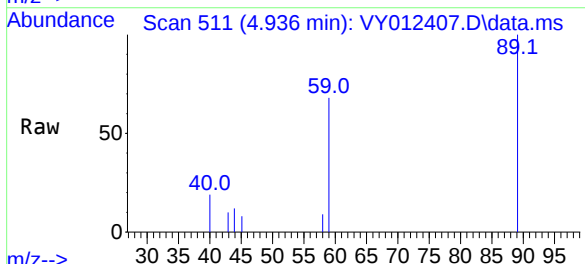
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

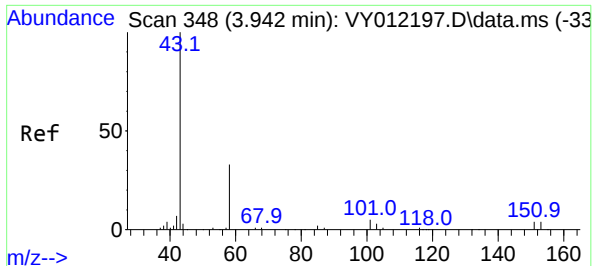
Tgt Ion:168 Resp: 161776
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#11
Tert butyl alcohol
Concen: 1.816 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Tgt Ion: 59 Resp: 2234
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

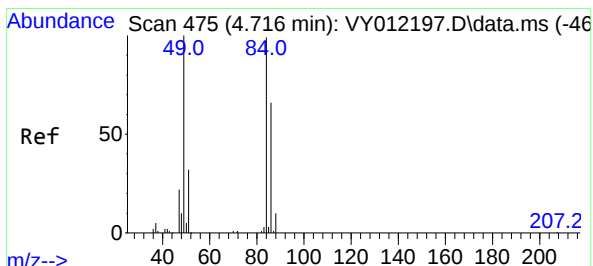
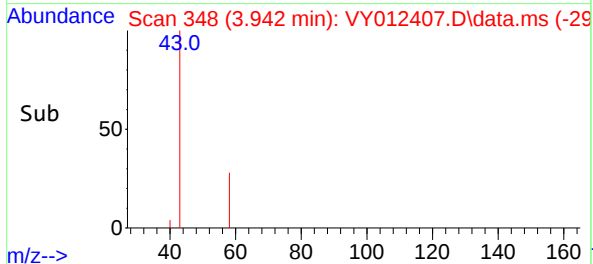
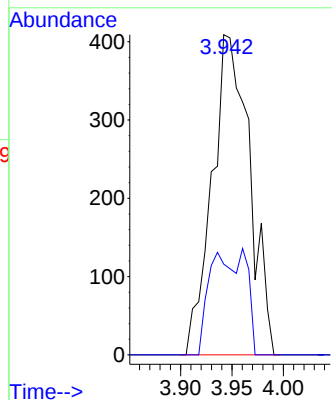
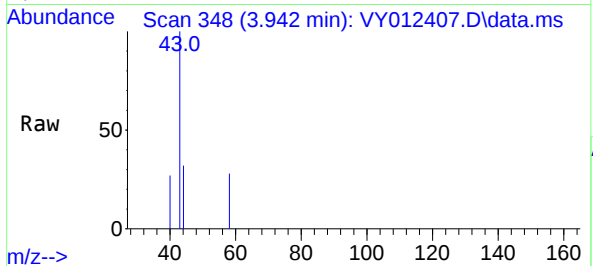




#16
Acetone
Concen: 2.302 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

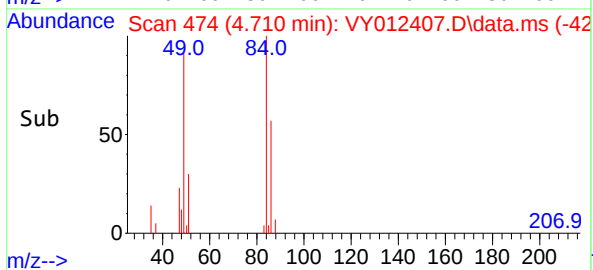
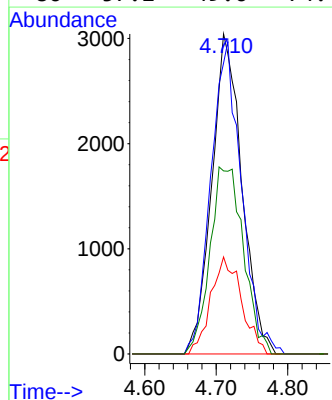
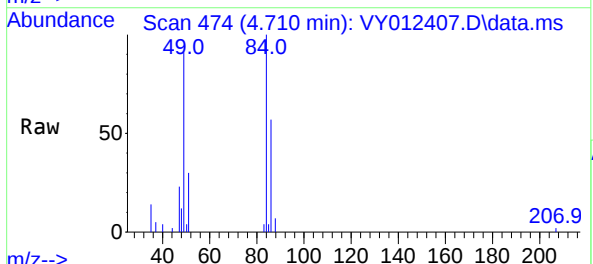
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

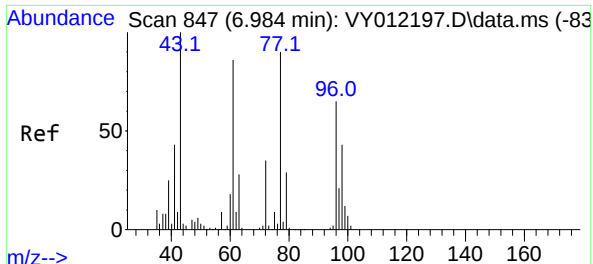
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 28.4 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Tgt Ion: 84 Resp: 8906
Ion Ratio Lower Upper
84 100
49 90.9 95.4 143.2#
51 30.3 29.9 44.9
86 57.2 49.6 74.4

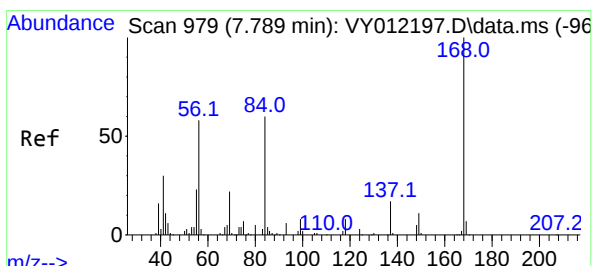
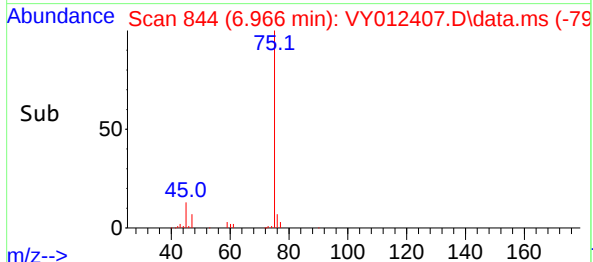
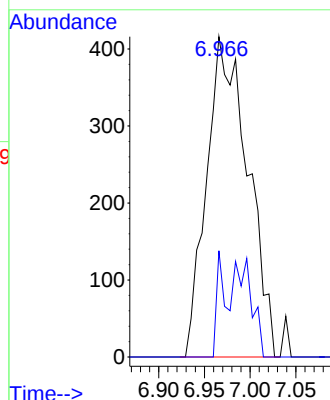
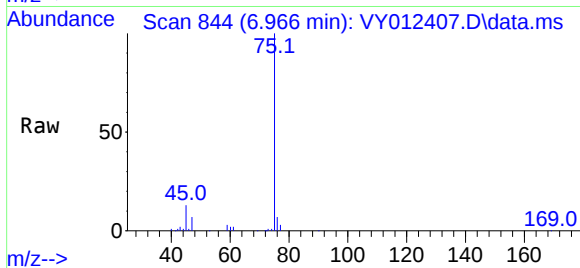




#25
2-Butanone
Concen: 2.614 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

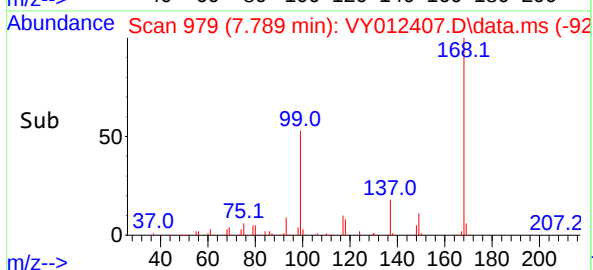
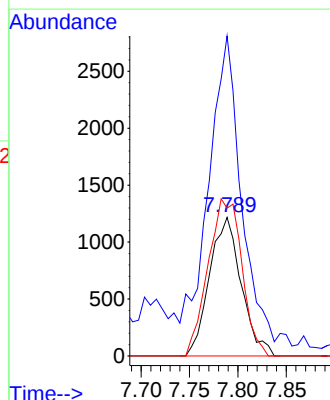
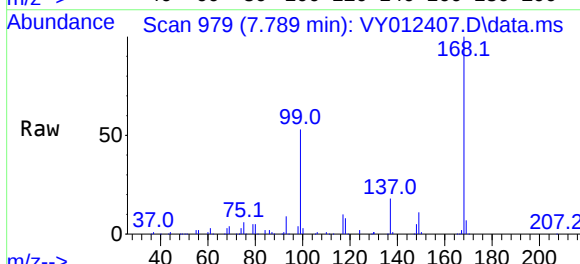
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

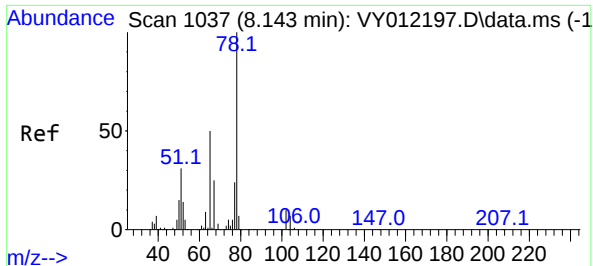
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
72 33.2 22.6 34.0



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Tgt Ion: 56 Resp: 2777
Ion Ratio Lower Upper
56 100
69 214.6 29.2 43.8#
84 106.7 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 75.744 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012407.D

Acq: 30 Jan 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

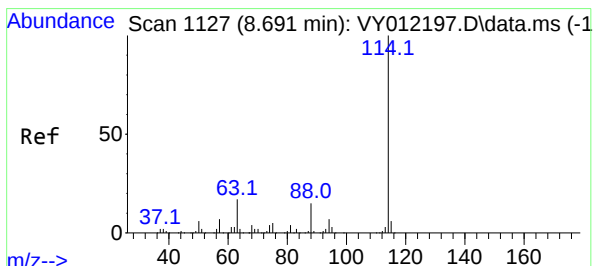
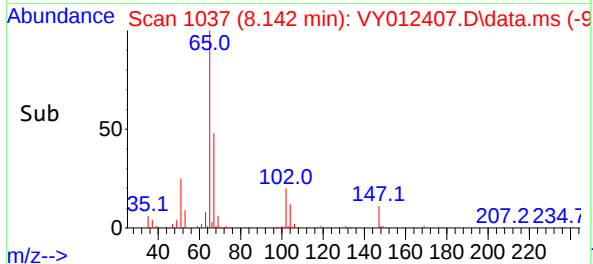
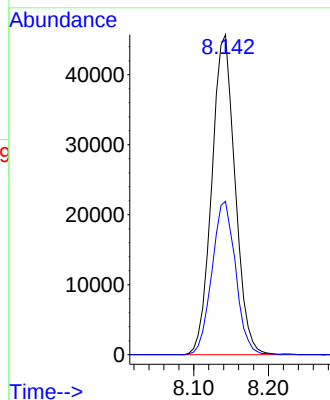
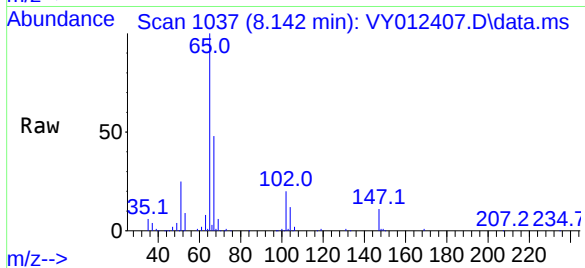
TP-I

Tgt Ion: 65 Resp: 98853

Ion Ratio Lower Upper

65 100

67 48.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012407.D

Acq: 30 Jan 2023 18:55

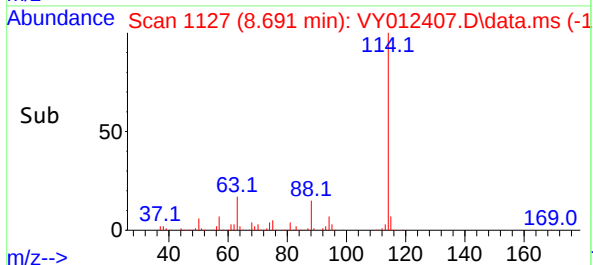
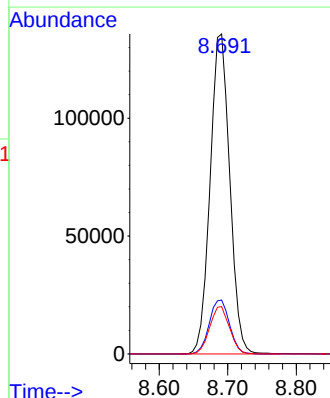
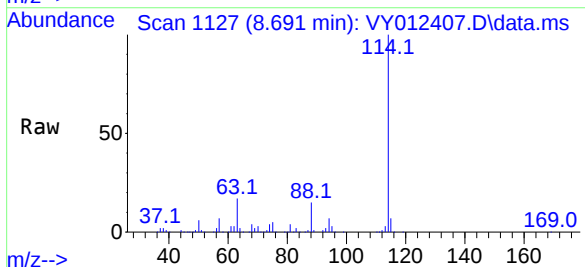
Tgt Ion: 114 Resp: 269680

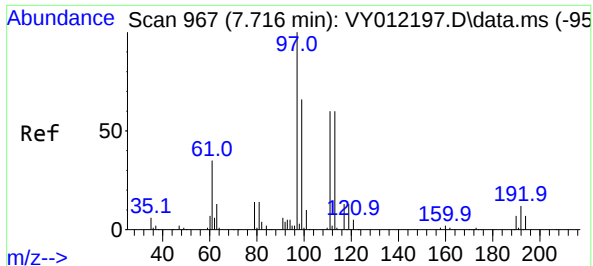
Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.6

88 14.8 0.0 32.2

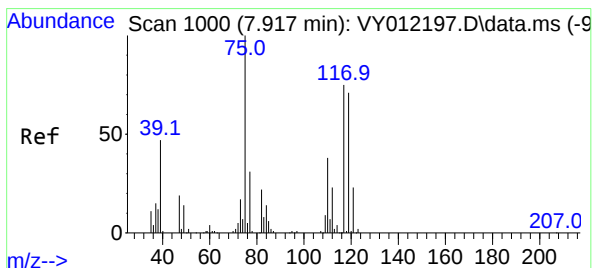
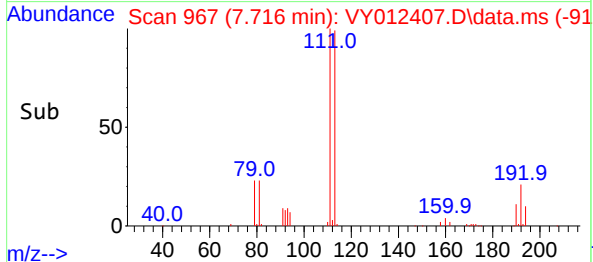
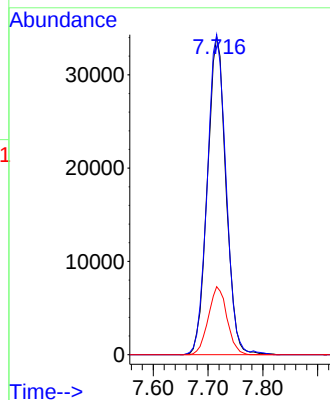
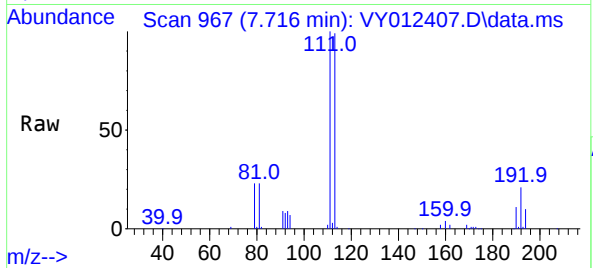




#35
Dibromofluoromethane
Concen: 55.930 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

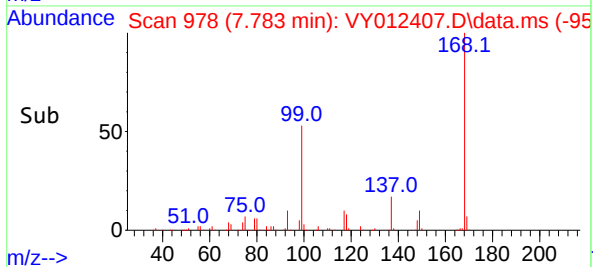
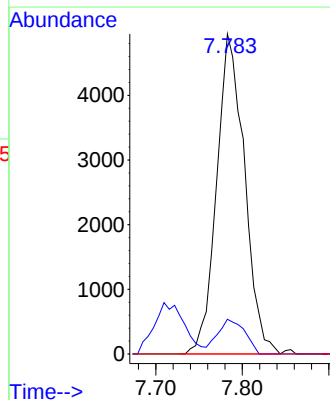
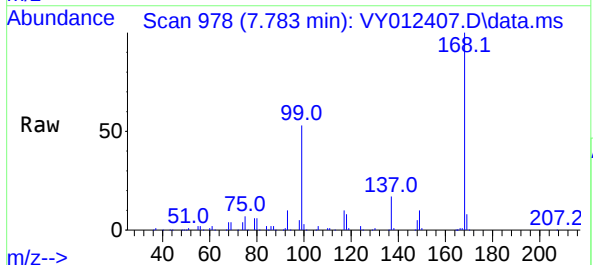
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

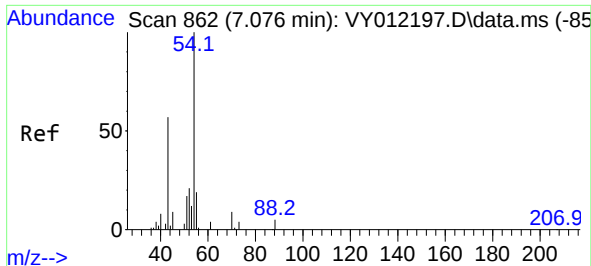
Tgt Ion:	113	Resp:	79866
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	21.5	16.0	24.0



#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Tgt Ion:	75	Resp:	11056
Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 1.215 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.110 min

Lab File: VY012407.D

Acq: 30 Jan 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-I

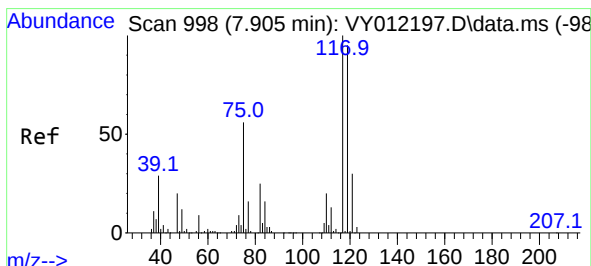
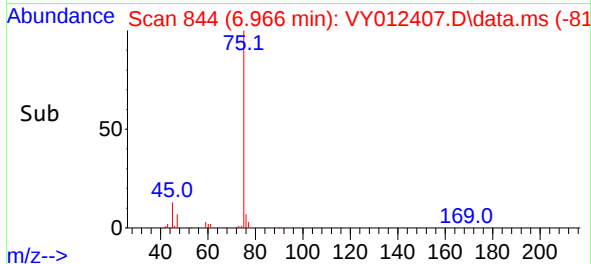
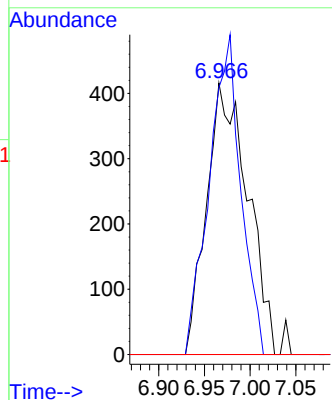
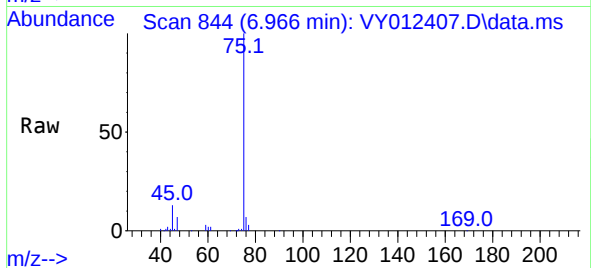
Tgt Ion: 43 Resp: 1300

Ion Ratio Lower Upper

43 100

61 90.0 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.005 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012407.D

Acq: 30 Jan 2023 18:55

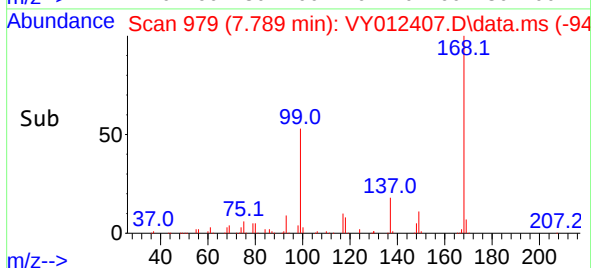
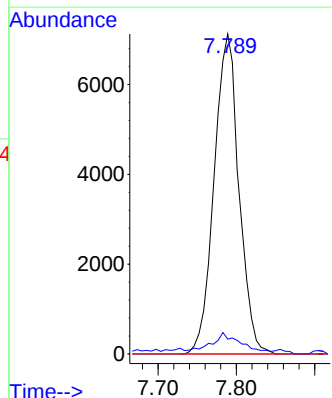
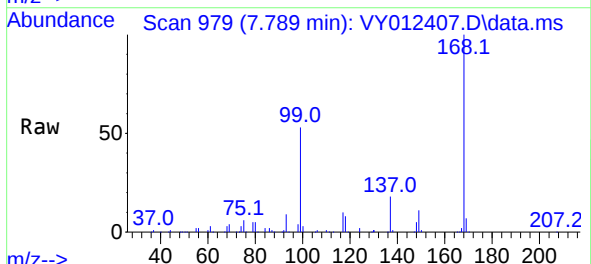
Tgt Ion: 117 Resp: 15686

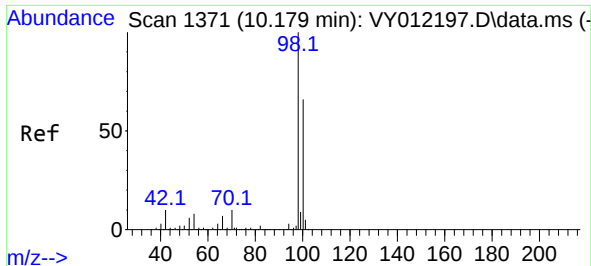
Ion Ratio Lower Upper

117 100

119 3.2 73.8 110.8#

121 0.0 25.2 37.8#

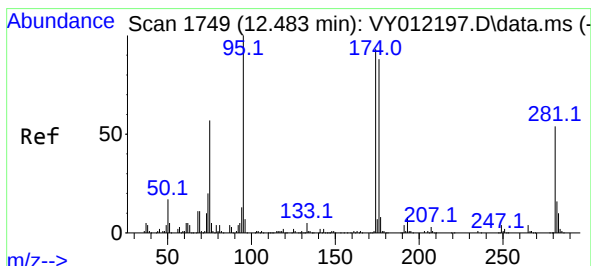
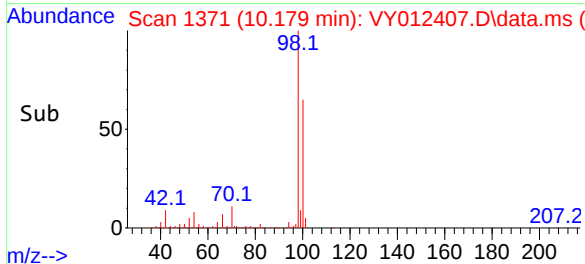
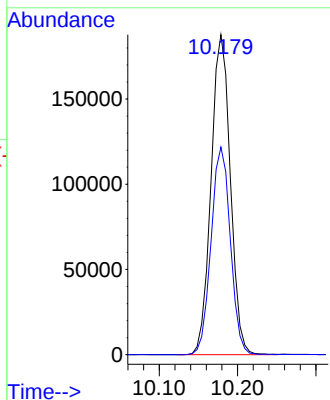
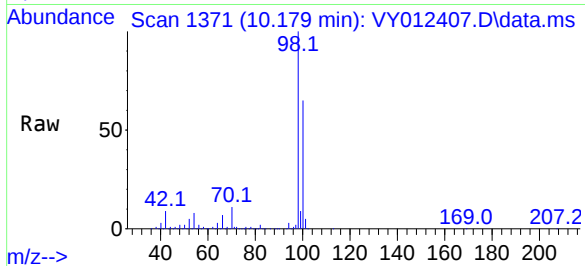




#50
Toluene-d8
Concen: 66.350 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

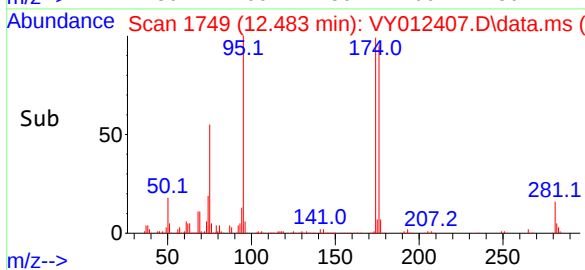
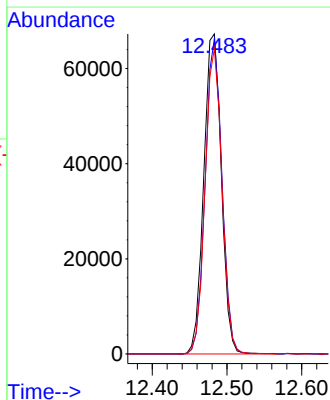
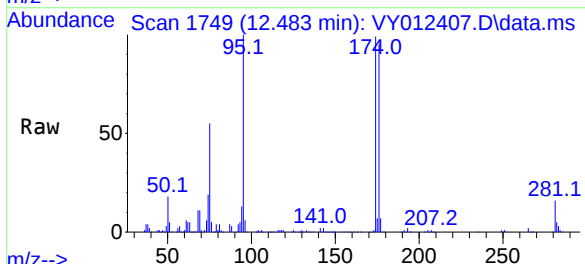
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

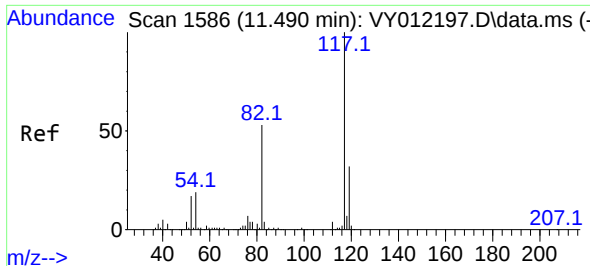
Tgt Ion: 98 Resp: 321265
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.463 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Tgt Ion: 95 Resp: 109632
Ion Ratio Lower Upper
95 100
174 94.3 0.0 172.0
176 91.9 0.0 167.6

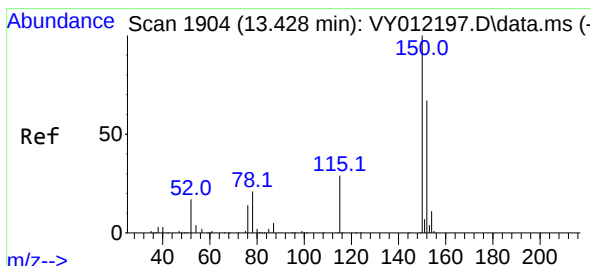
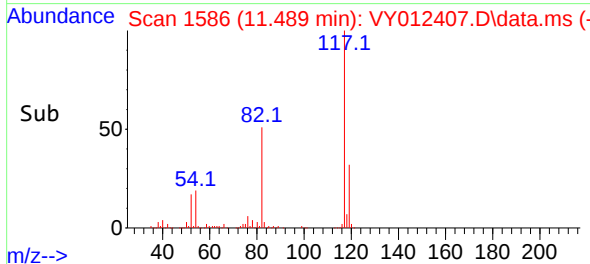
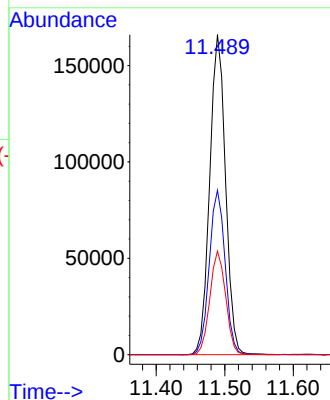
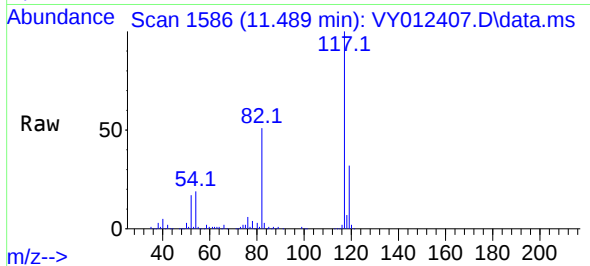




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11586
Delta R.T. -0.001 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

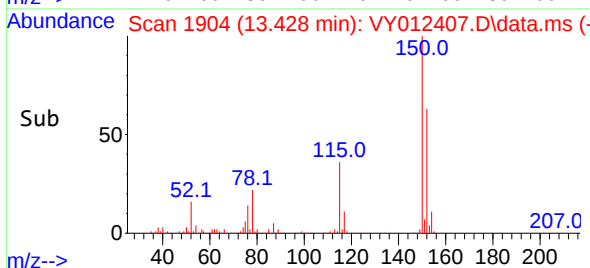
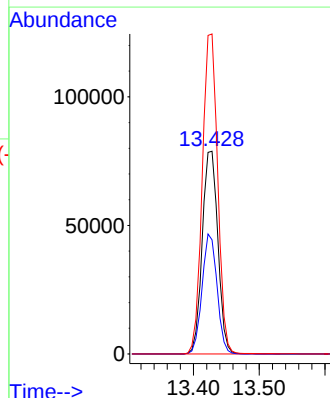
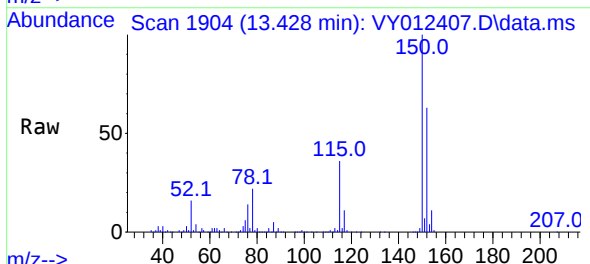
Instrument :
MSVOA_Y
ClientSampleId :
TP-I

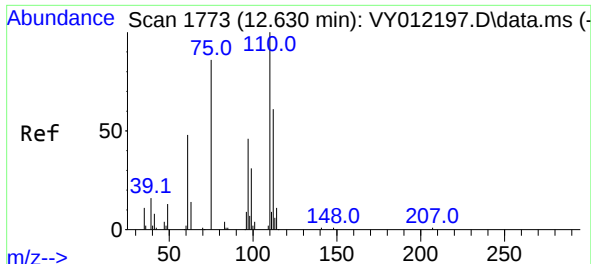
Tgt Ion:117 Resp: 267063
Ion Ratio Lower Upper
117 100
82 51.3 44.8 67.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Tgt Ion:152 Resp: 130194
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.3
150 155.5 0.0 342.6

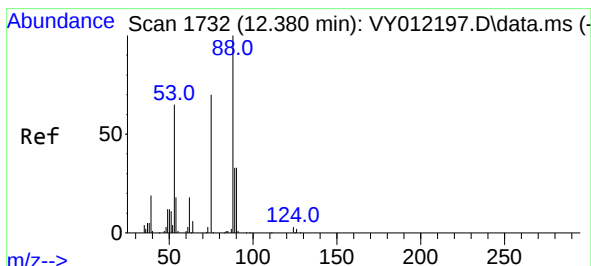
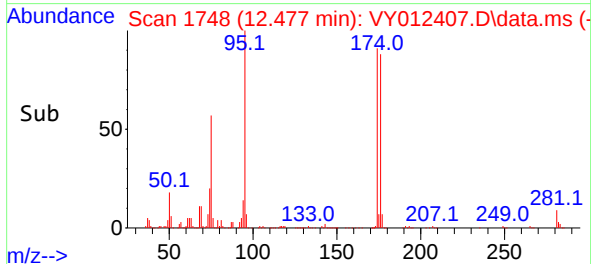
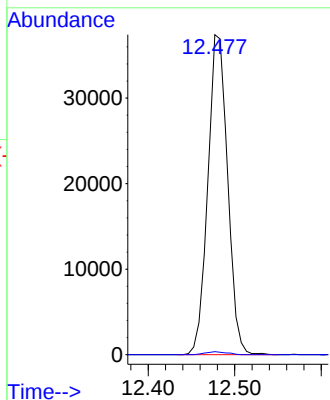
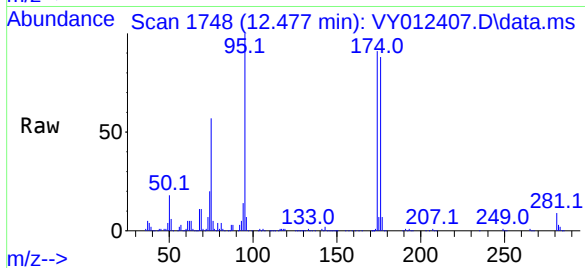




#76
1,2,3-Trichloropropane
Concen: 49.591 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-I

Tgt Ion: 75 Resp: 59369
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.179 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY012407.D
Acq: 30 Jan 2023 18:55

Tgt Ion: 75 Resp: 59369
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

