

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013796.D
 Acq On : 18 May 2023 13:05
 Operator : KP/MD
 Sample : 02828-01
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: May 19 03:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

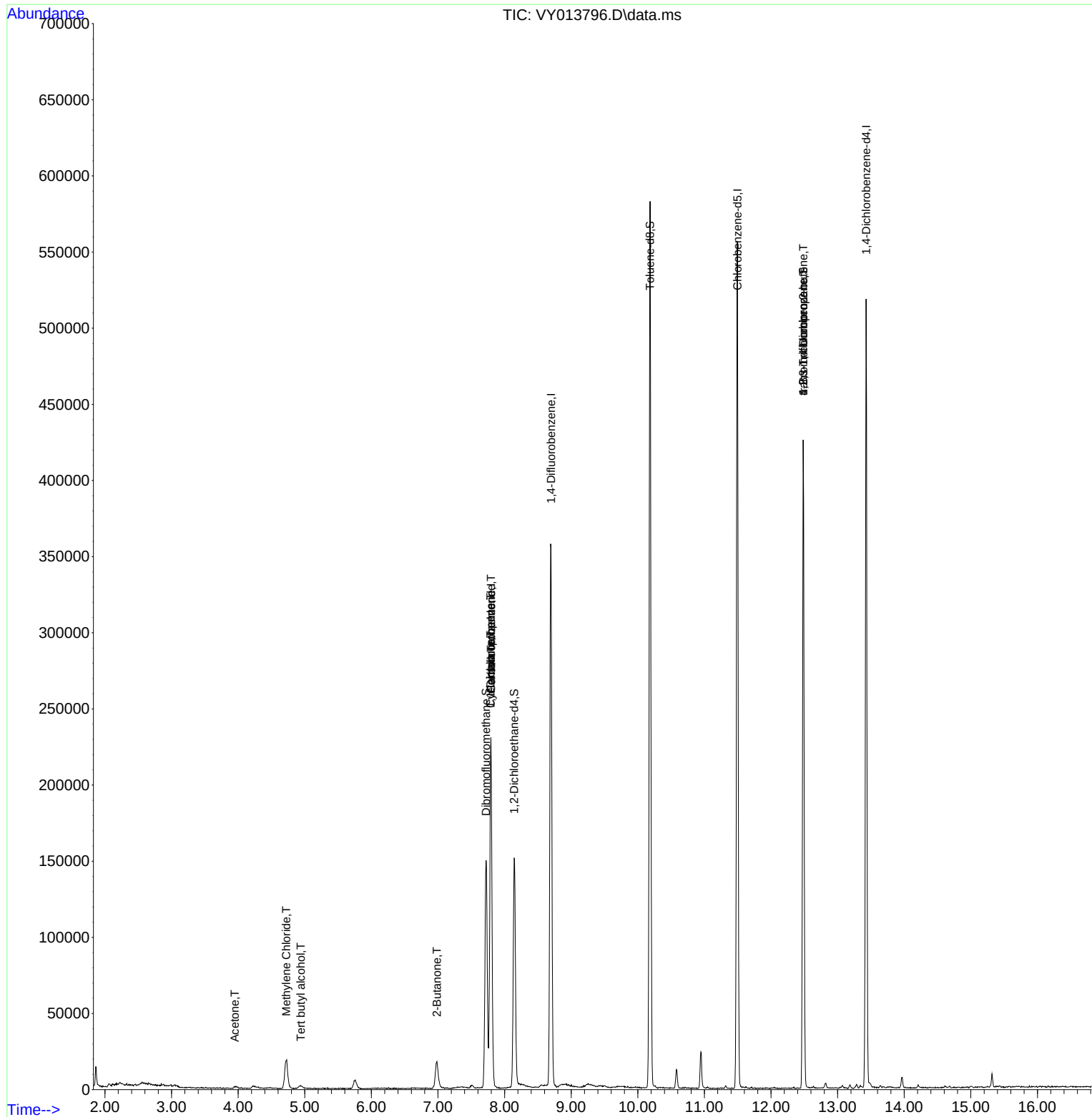
Internal Standards						
1) Pentafluorobenzene	7.795	168	172534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	302066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123355	61.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.100%
35) Dibromofluoromethane	7.722	113	103961	53.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.340%
50) Toluene-d8	10.185	98	367389	50.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.483	95	119652	49.054	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	2179	13.420	ug/l #	73
16) Acetone	3.948	43	863	1.427	ug/l	98
20) Methylene Chloride	4.722	84	13144	1.223	ug/l	89
25) 2-Butanone	6.984	43	1349	1.716	ug/l #	52
31) Cyclohexane	7.789	56	4167	1.450	ug/l #	29
36) 1,1-Dichloropropene	7.789	75	13882	5.187	ug/l #	52
38) Carbon Tetrachloride	7.795	117	17719	6.276	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	64752	41.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64752	92.961	ug/l #	12

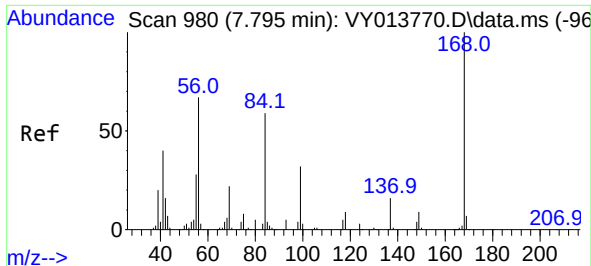
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
Data File : VY013796.D
Acq On : 18 May 2023 13:05
Operator : KP/MD
Sample : 02828-01
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Quant Time: May 19 03:21:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

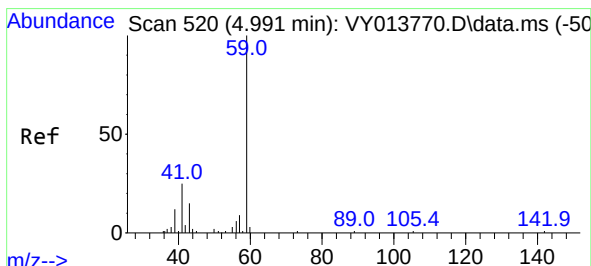
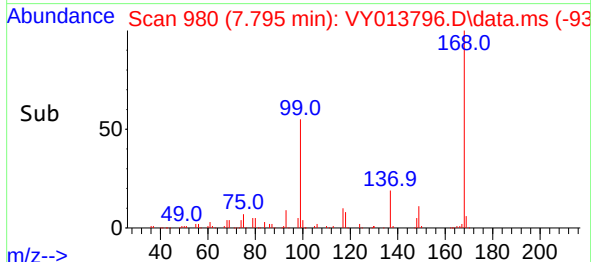
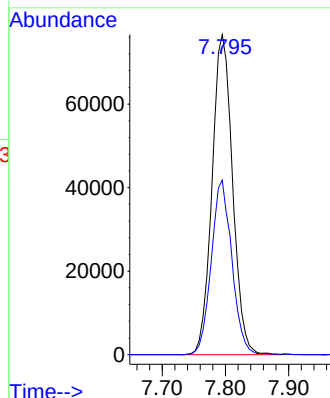
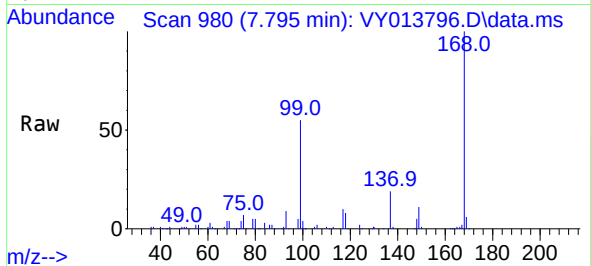




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

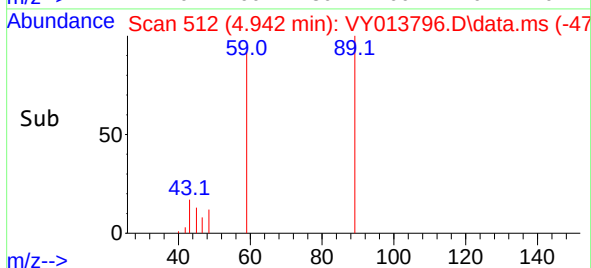
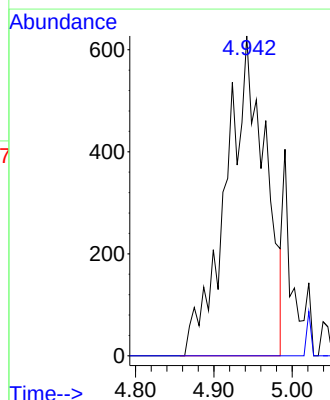
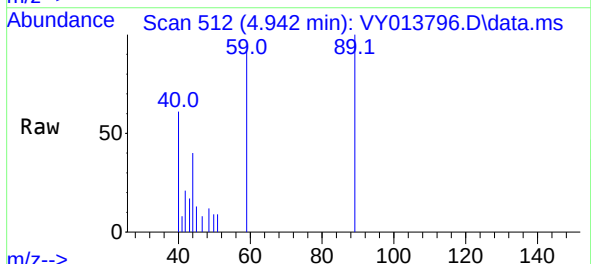
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

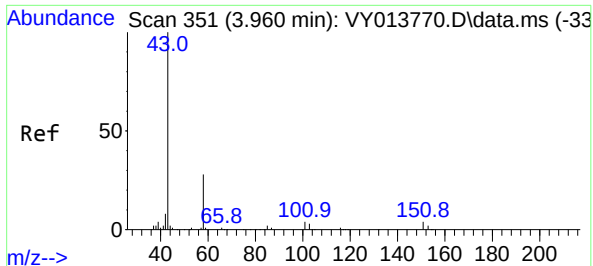
Tgt Ion:168 Resp: 172534
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#11
Tert butyl alcohol
Concen: 13.420 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.049 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion: 59 Resp: 2179
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

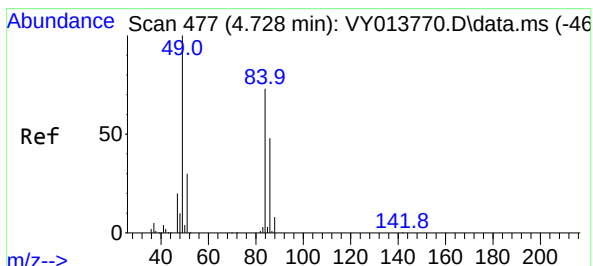
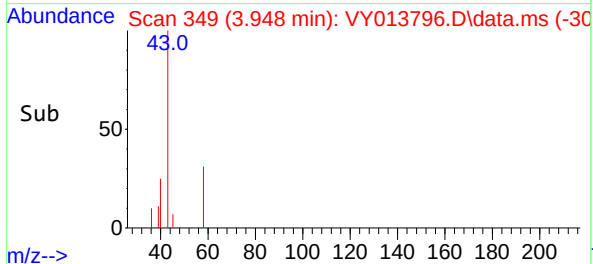
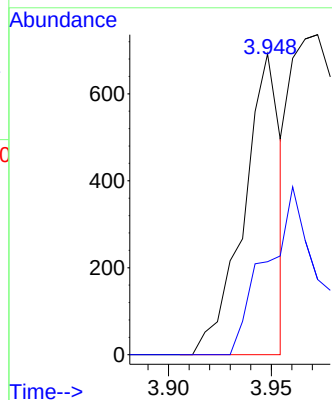
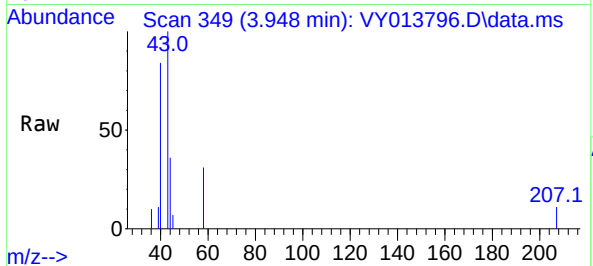




#16
Acetone
Concen: 1.427 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

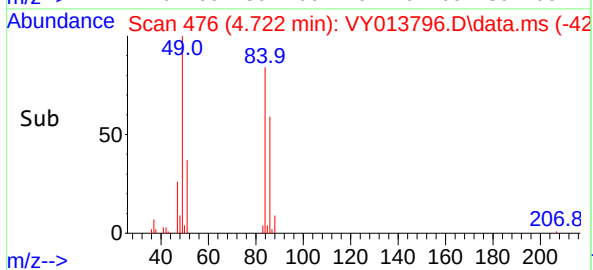
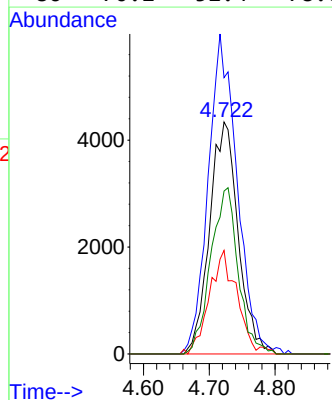
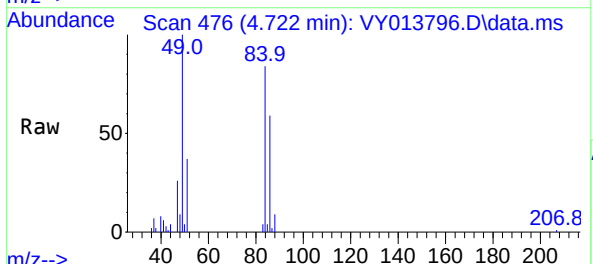
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

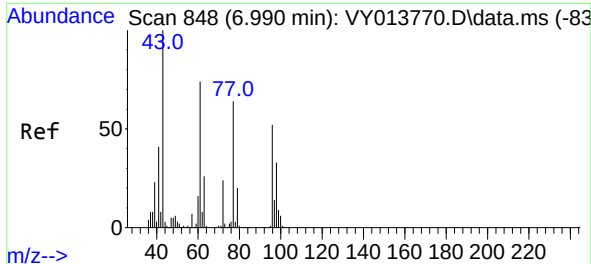
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 30.9 23.7 35.5



#20
Methylene Chloride
Concen: 1.223 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion: 84 Resp: 13144
Ion Ratio Lower Upper
84 100
49 119.1 109.4 164.0
51 44.6 32.8 49.2
86 70.2 52.4 78.6

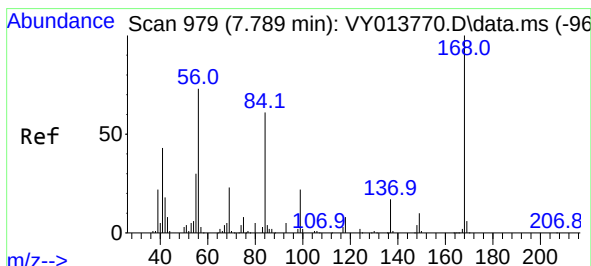
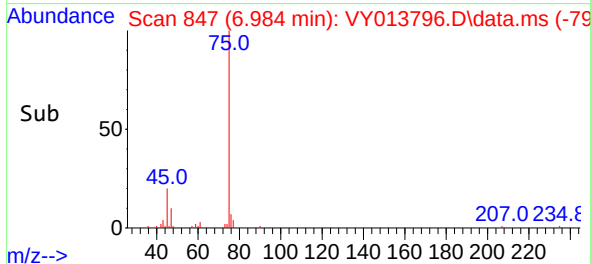
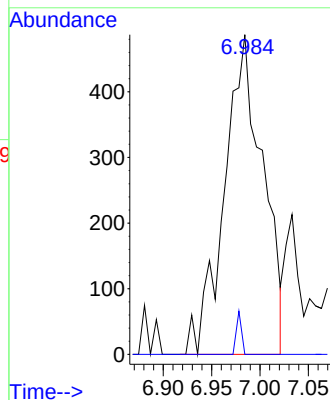
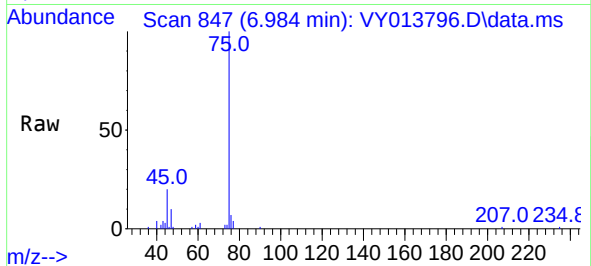




#25
2-Butanone
Concen: 1.716 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

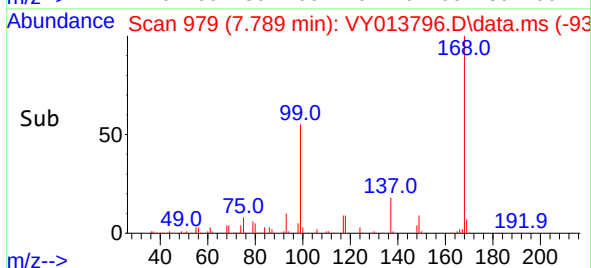
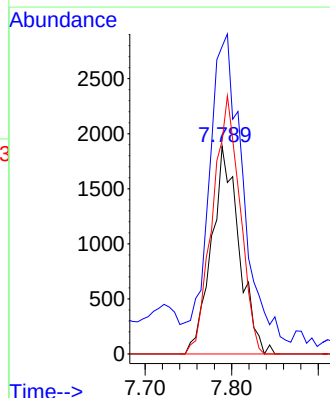
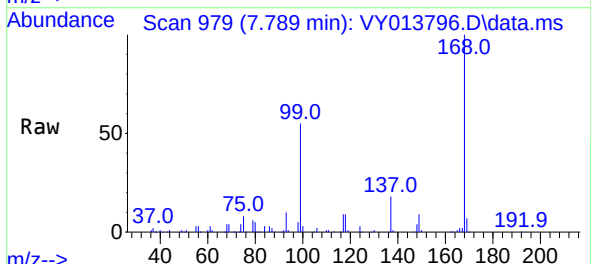
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

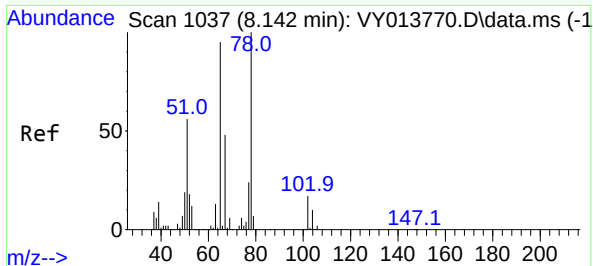
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
72 0.0 19.0 28.6#



#31
Cyclohexane
Concen: 1.450 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion: 56 Resp: 4167
Ion Ratio Lower Upper
56 100
69 139.9 25.8 38.6#
84 102.7 65.8 98.6#





#33

1,2-Dichloroethane-d4

Concen: 61.546 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013796.D

Acq: 18 May 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

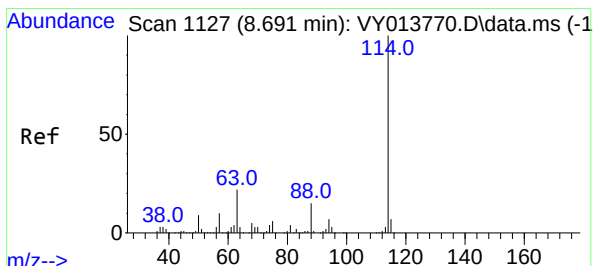
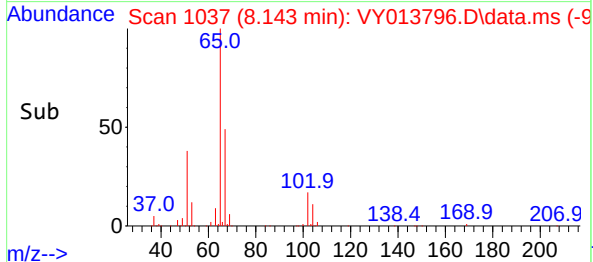
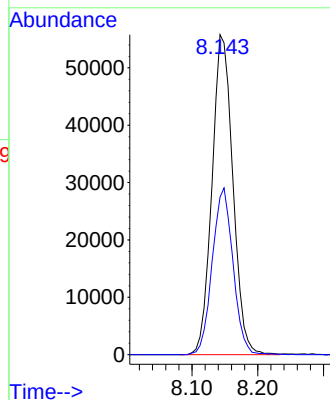
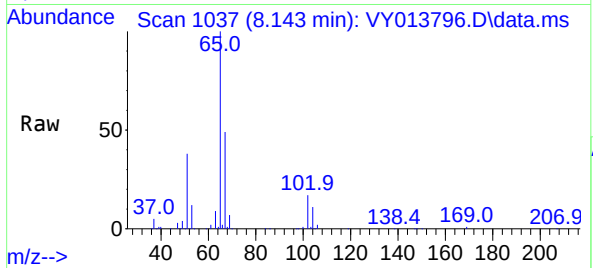
SB-1

Tgt Ion: 65 Resp: 123355

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013796.D

Acq: 18 May 2023 13:05

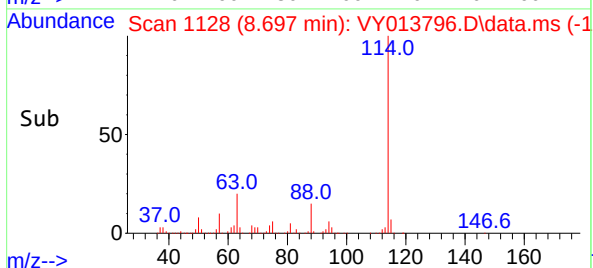
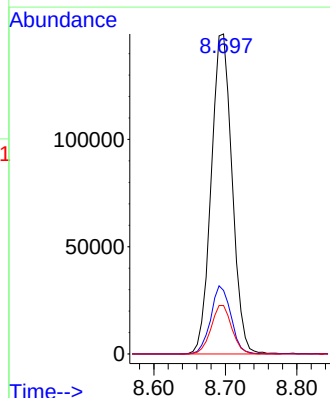
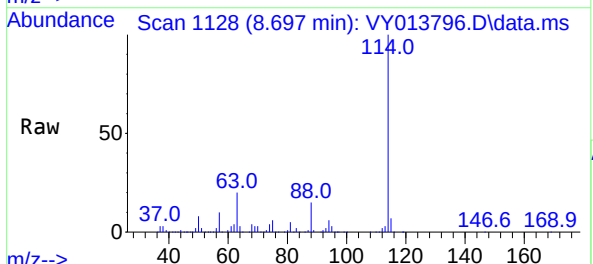
Tgt Ion: 114 Resp: 302066

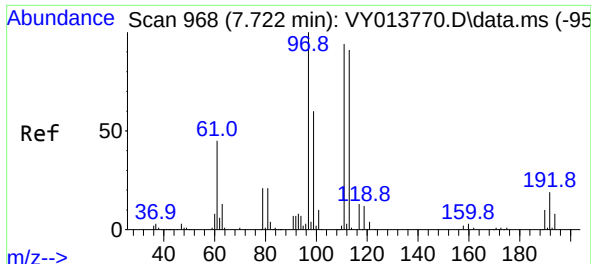
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.8

88 15.2 0.0 30.8

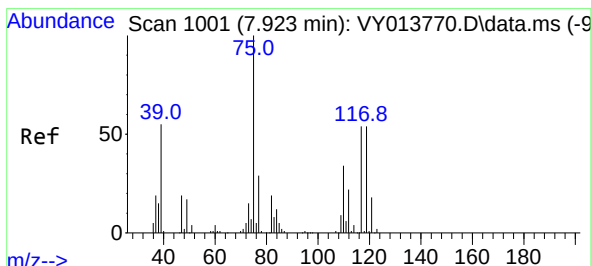
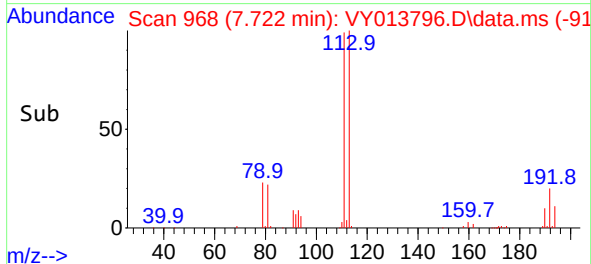
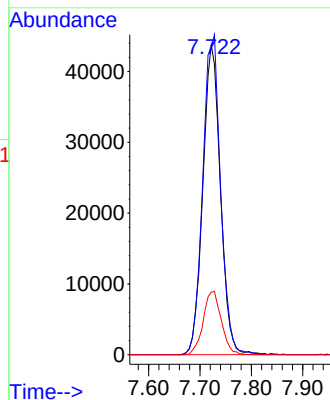
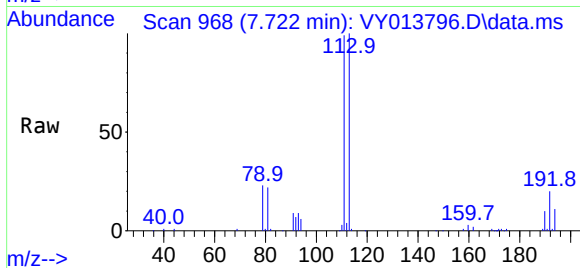




#35
Dibromofluoromethane
Concen: 53.670 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

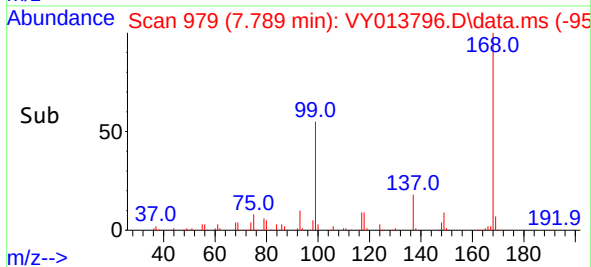
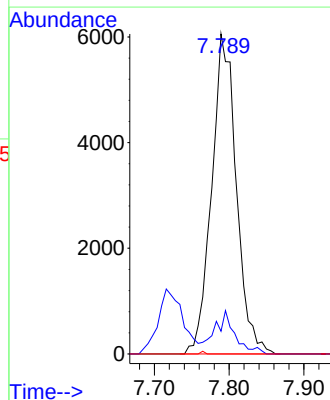
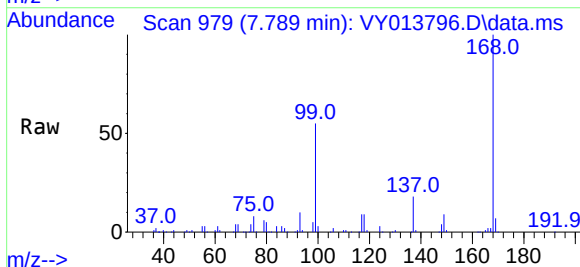
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

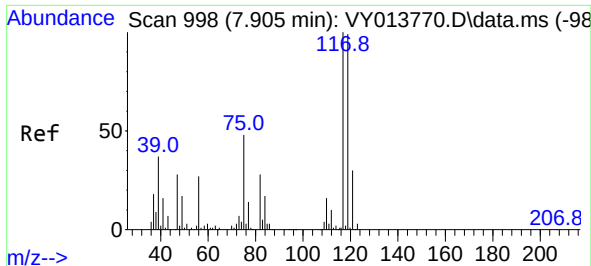
Tgt Ion:113 Resp: 103961
Ion Ratio Lower Upper
113 100
111 104.6 82.3 123.5
192 21.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion: 75 Resp: 13882
Ion Ratio Lower Upper
75 100
110 10.9 17.3 51.7#
77 0.0 24.6 36.8#

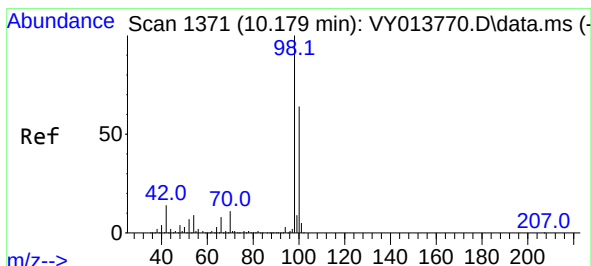
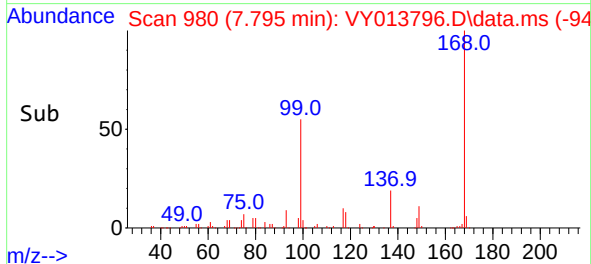
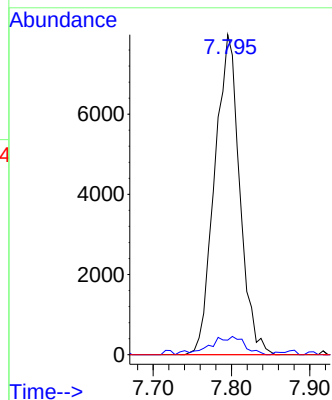
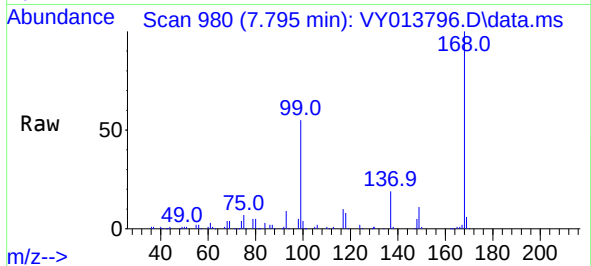




#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

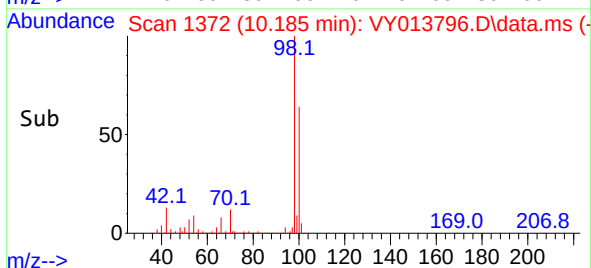
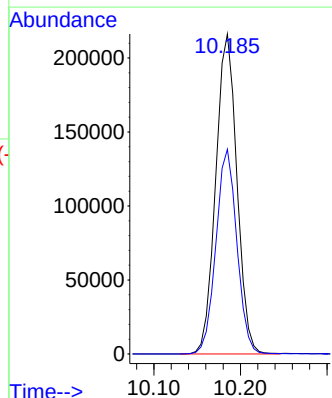
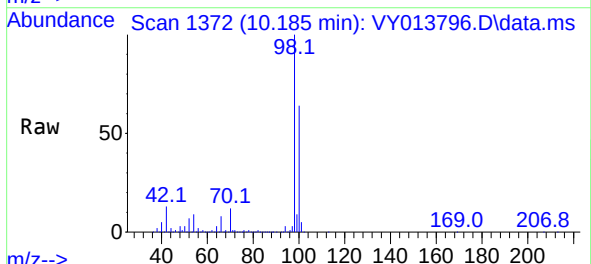
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

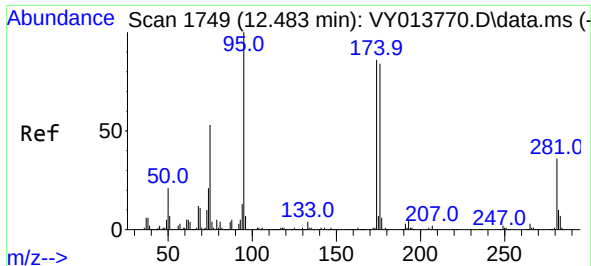
Tgt Ion:117 Resp: 17719
Ion Ratio Lower Upper
117 100
119 3.8 79.0 118.6#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.029 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion: 98 Resp: 367389
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.6

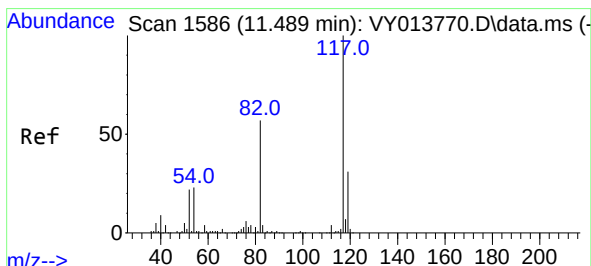
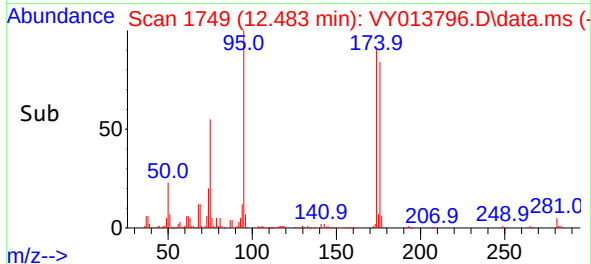
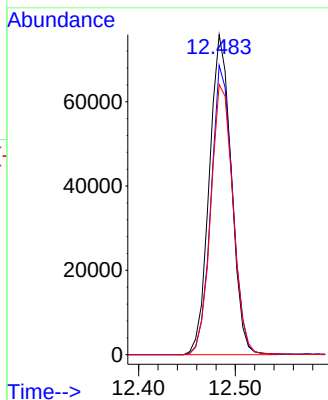
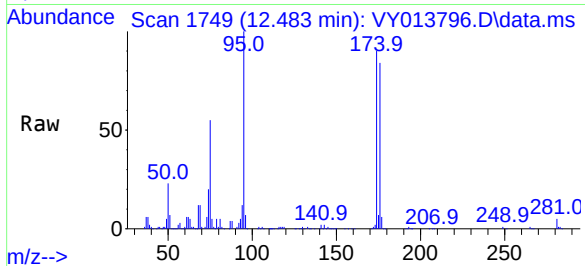




#62
4-Bromofluorobenzene
Concen: 49.054 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

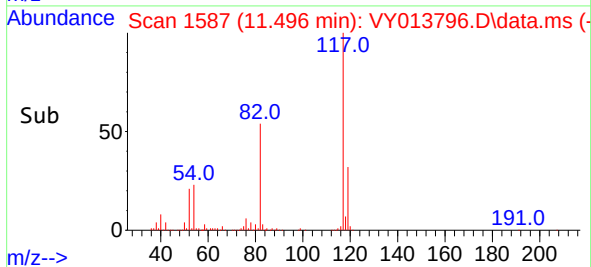
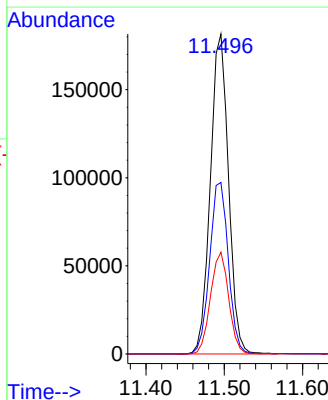
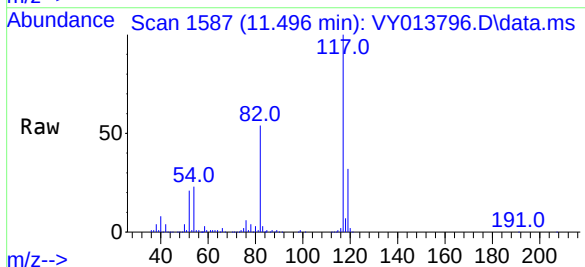
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

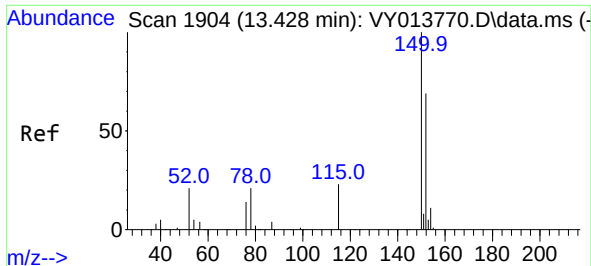
Tgt Ion: 95 Resp: 119652
Ion Ratio Lower Upper
95 100
174 88.6 0.0 168.8
176 85.4 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Tgt Ion: 117 Resp: 291988
Ion Ratio Lower Upper
117 100
82 53.6 45.5 68.3
119 31.8 24.8 37.2

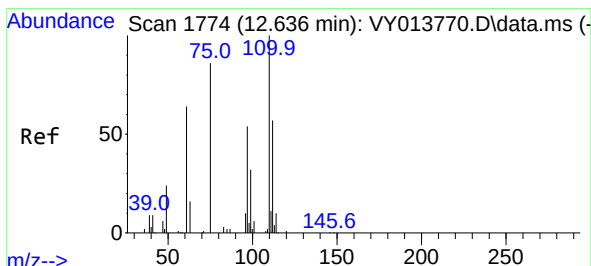
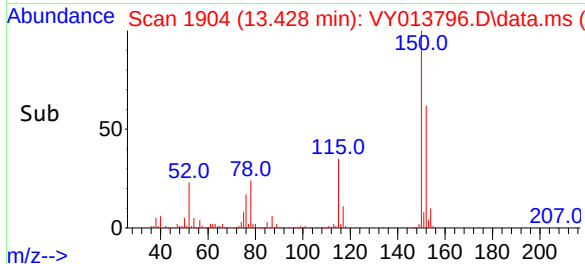
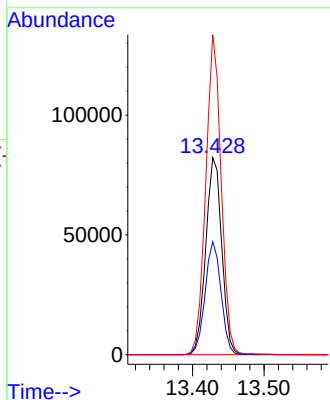
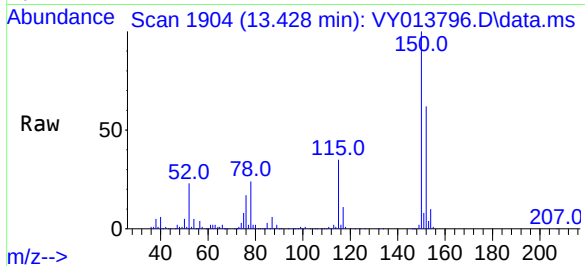




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013796.D
 Acq: 18 May 2023 13:05

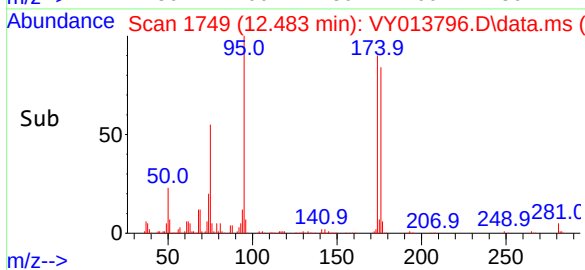
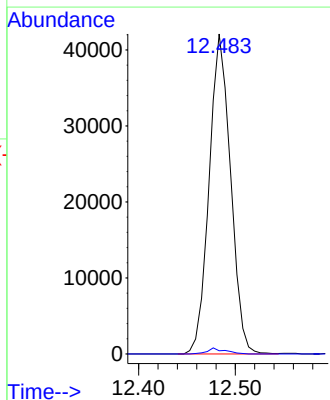
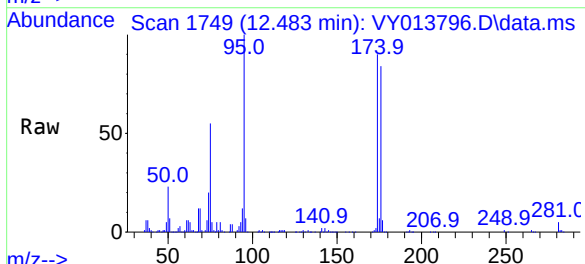
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

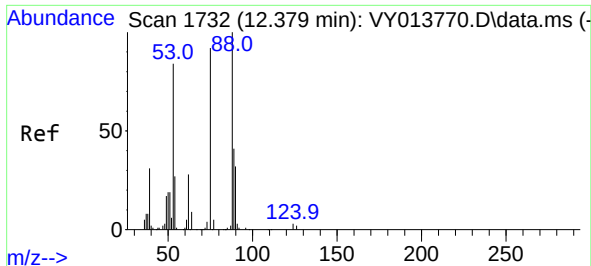
Tgt Ion:152 Resp: 128136
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.5 85.5
 150 156.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 41.754 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY013796.D
 Acq: 18 May 2023 13:05

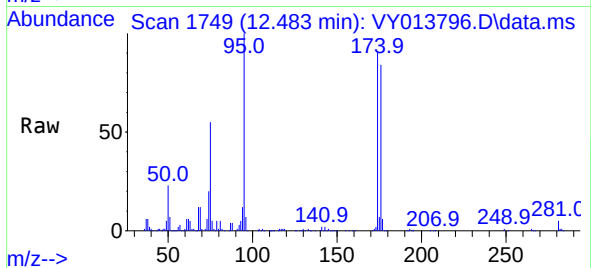
Tgt Ion: 75 Resp: 64752
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.961 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013796.D
Acq: 18 May 2023 13:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-1



Tgt Ion: 75 Resp: 64752
Ion Ratio Lower Upper
75 100
53 0.3 75.3 112.9#
89 0.0 35.4 53.2#

