

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013801.D
 Acq On : 18 May 2023 15:02
 Operator : KP/MD
 Sample : 02828-06
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: May 19 03:22:06 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)

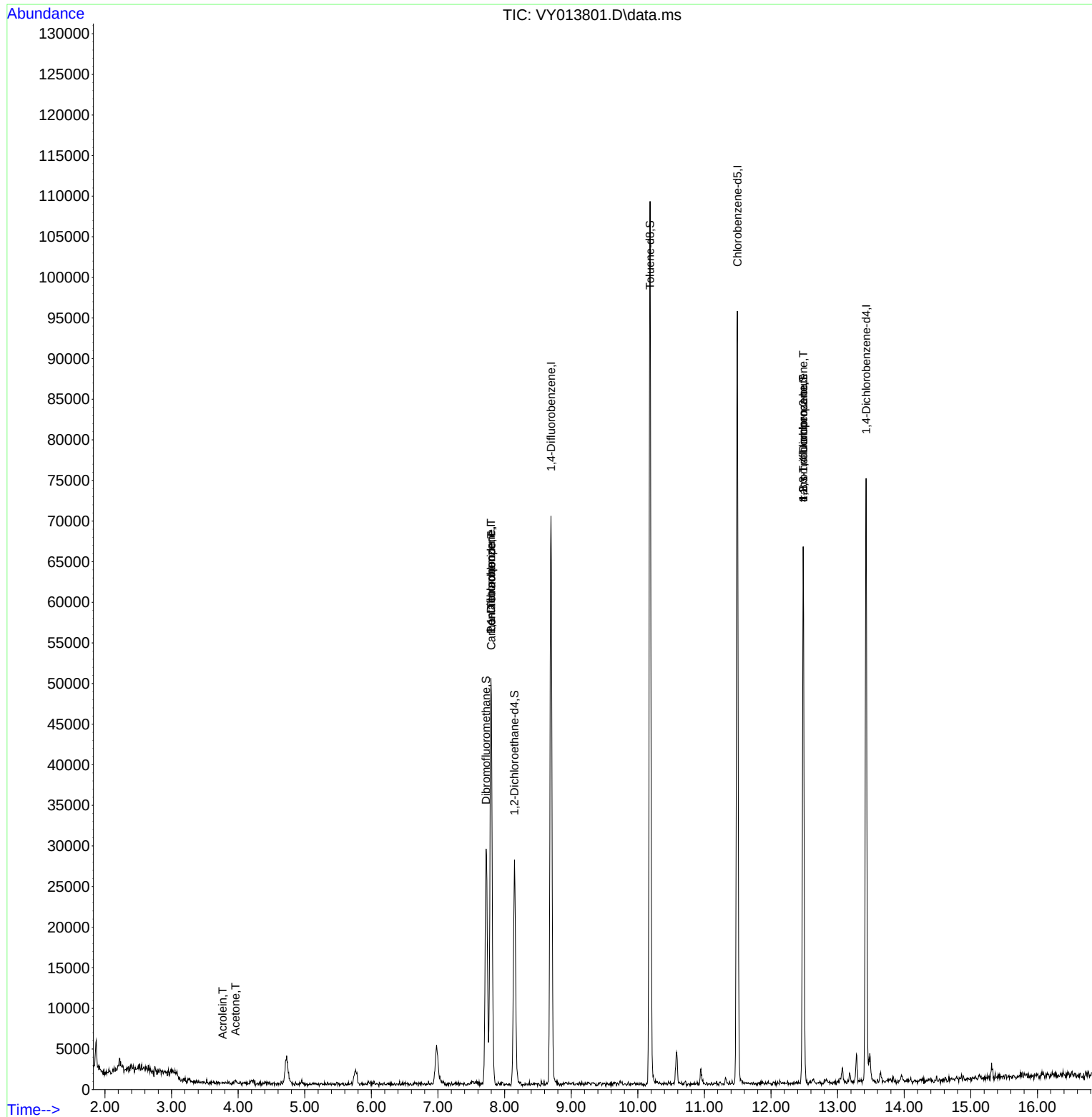
Internal Standards						
1) Pentafluorobenzene	7.795	168	39026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	58919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	51980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22436	49.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.980%
35) Dibromofluoromethane	7.722	113	20549	54.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.185	98	69587	48.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.483	95	18291	38.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.880%
Target Compounds						
					Qvalue	
13) Acrolein	3.765	56	74	1.128	ug/l #	14
16) Acetone	3.960	43	829	6.061	ug/l #	74
20) Methylene Chloride	4.728	84	2248	Below Cal	#	90
36) 1,1-Dichloropropene	7.795	75	2883	5.523	ug/l #	46
38) Carbon Tetrachloride	7.801	117	3753	6.815	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	9417	40.672	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9417	90.551	ug/l #	12

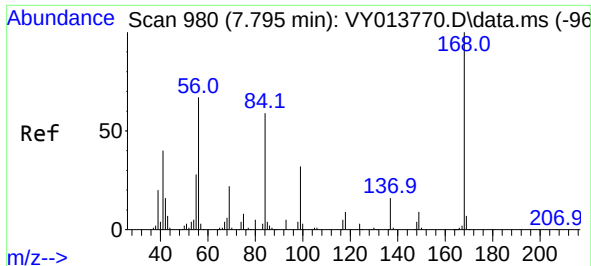
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
Data File : VY013801.D
Acq On : 18 May 2023 15:02
Operator : KP/MD
Sample : 02828-06
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Quant Time: May 19 03:22:06 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

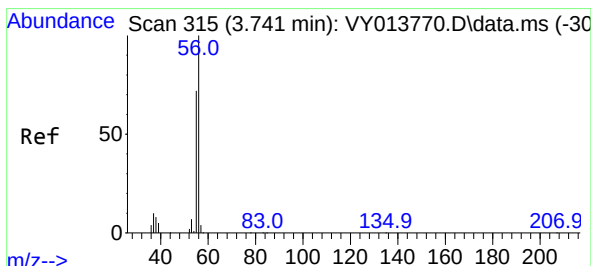
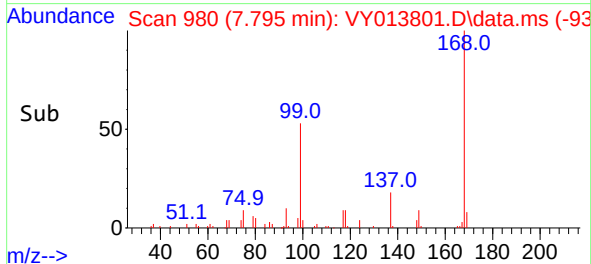
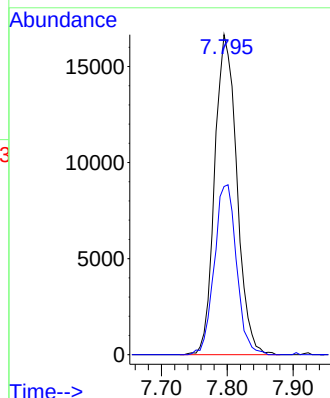
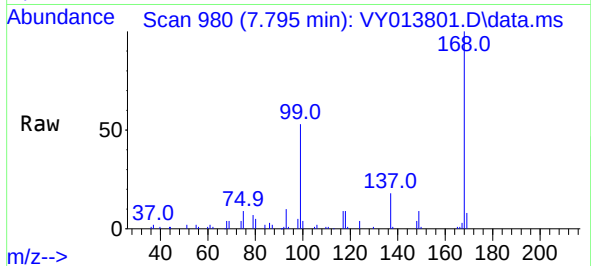




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

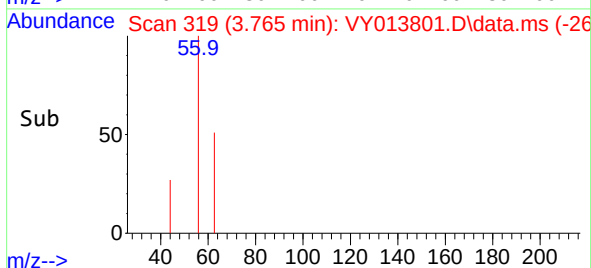
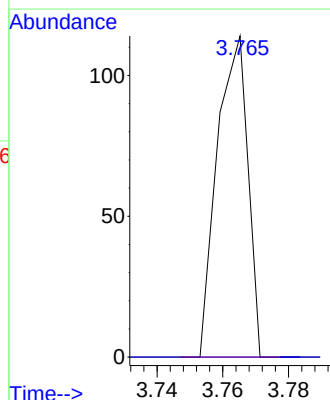
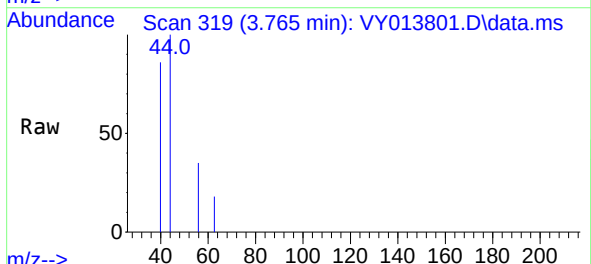
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

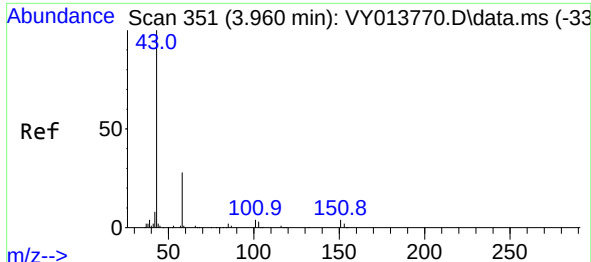
Tgt Ion:168 Resp: 39026
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#13
Acrolein
Concen: 1.128 ug/l
RT: 3.765 min Scan# 319
Delta R.T. 0.024 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 57.5 86.3#





#16

Acetone

Concen: 6.061 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY013801.D

Acq: 18 May 2023 15:02

Instrument :

MSVOA_Y

ClientSampleId :

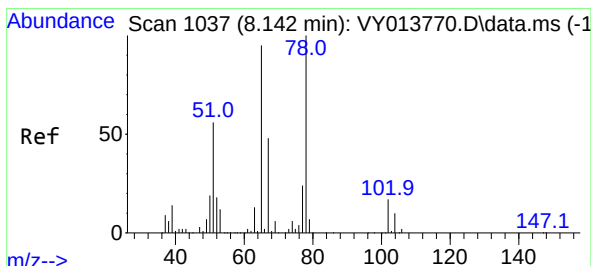
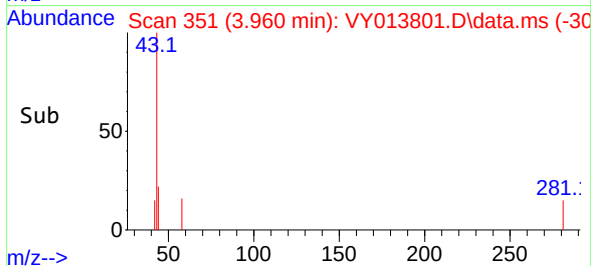
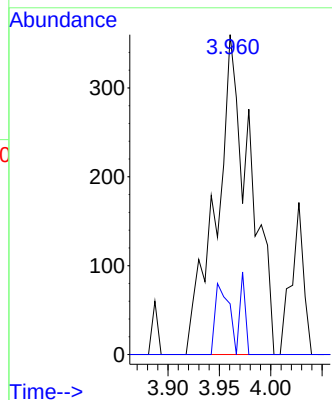
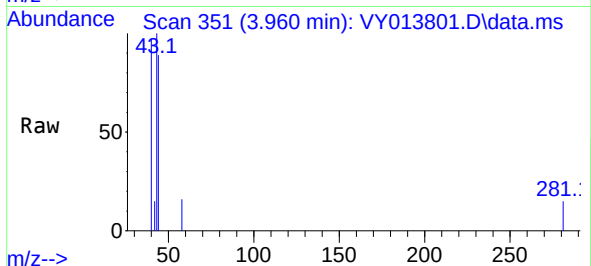
SB-6

Tgt Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

58 15.8 23.7 35.5#



#33

1,2-Dichloroethane-d4

Concen: 49.489 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY013801.D

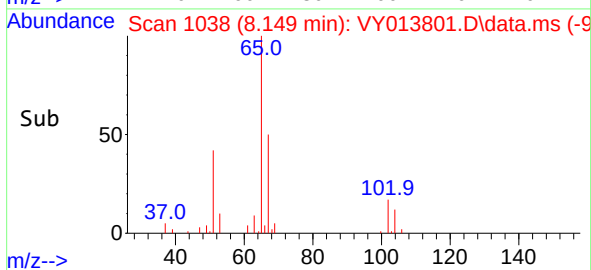
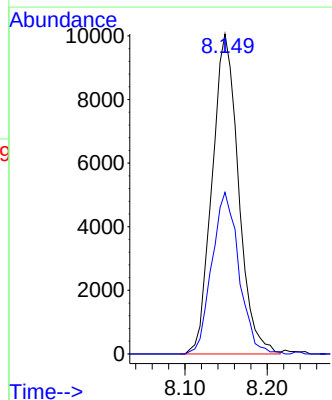
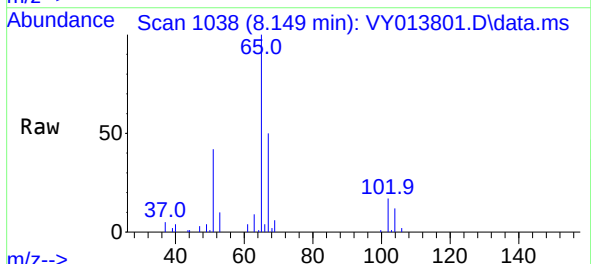
Acq: 18 May 2023 15:02

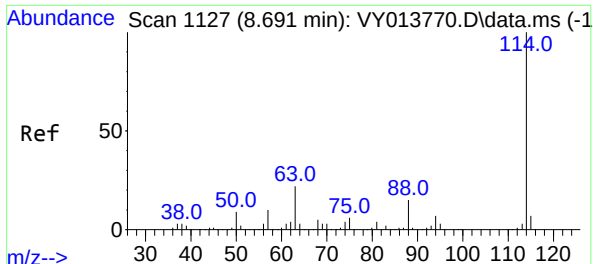
Tgt Ion: 65 Resp: 22436

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# 1127

Delta R.T. 0.006 min

Lab File: VY013801.D

Acq: 18 May 2023 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

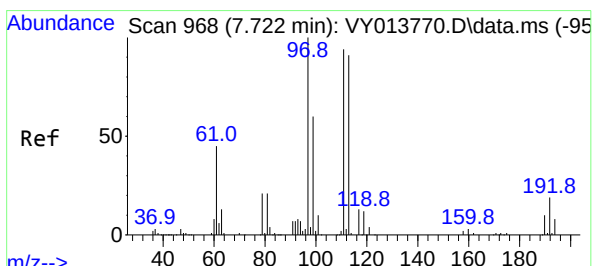
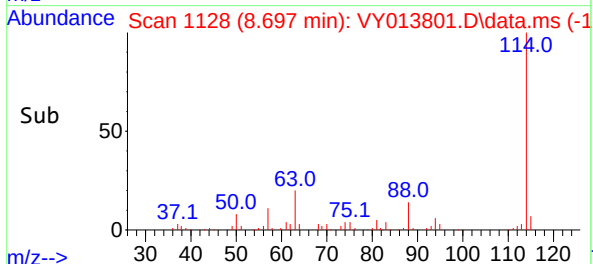
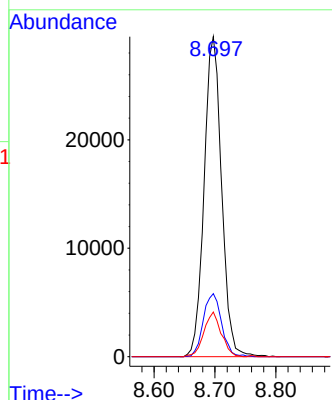
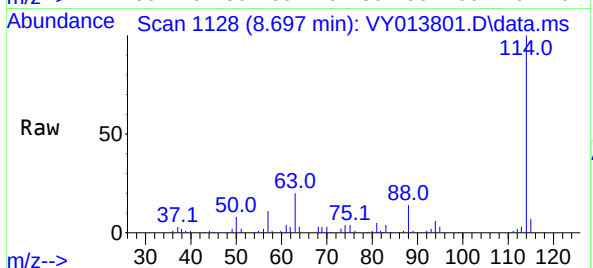
Tgt Ion:114 Resp: 58919

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.8

88 13.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.388 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013801.D

Acq: 18 May 2023 15:02

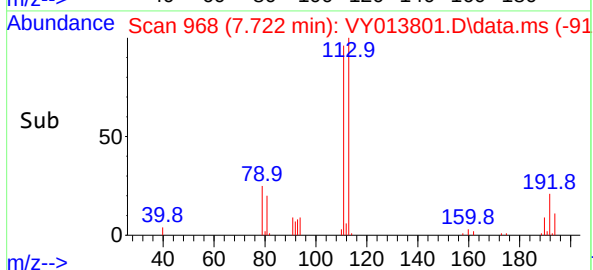
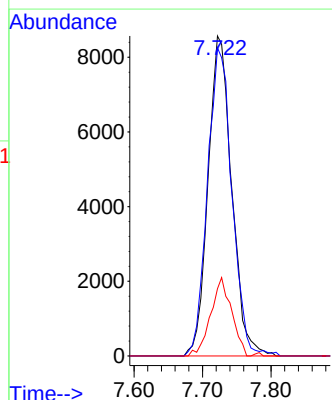
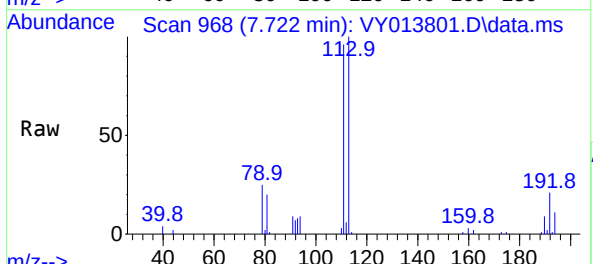
Tgt Ion:113 Resp: 20549

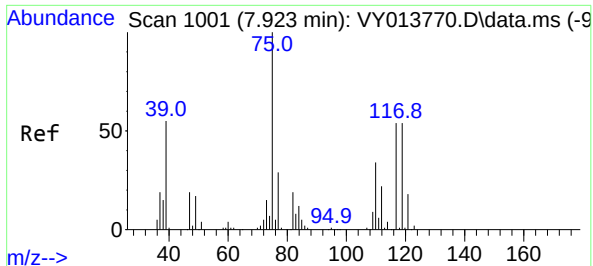
Ion Ratio Lower Upper

113 100

111 99.8 82.3 123.5

192 21.6 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.523 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013801.D

Acq: 18 May 2023 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

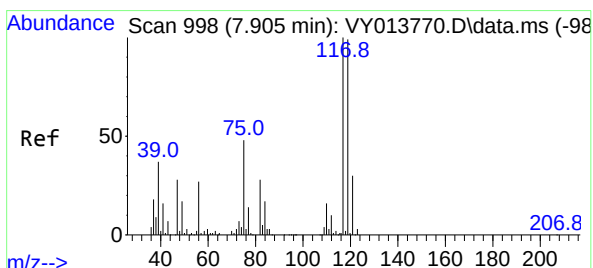
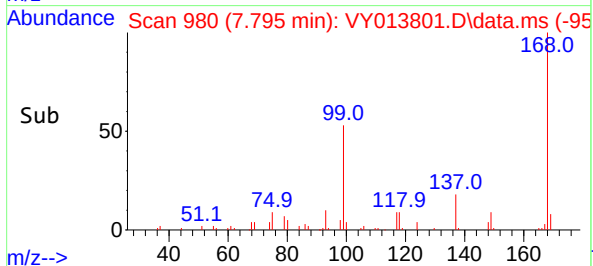
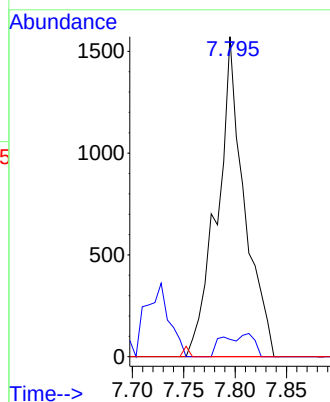
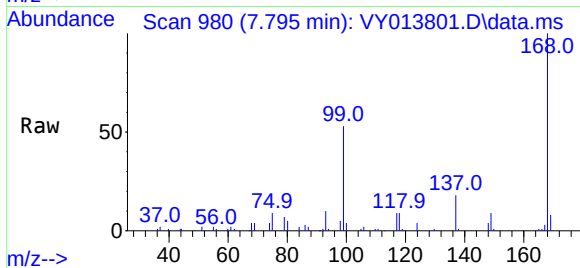
Tgt Ion: 75 Resp: 2883

Ion Ratio Lower Upper

75 100

110 4.4 17.3 51.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.815 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY013801.D

Acq: 18 May 2023 15:02

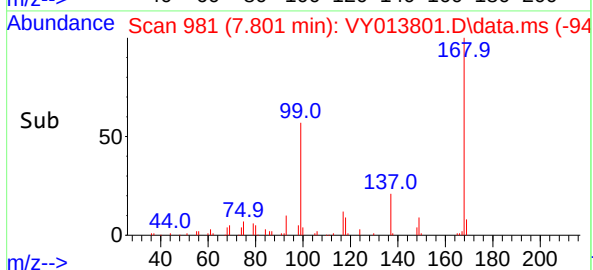
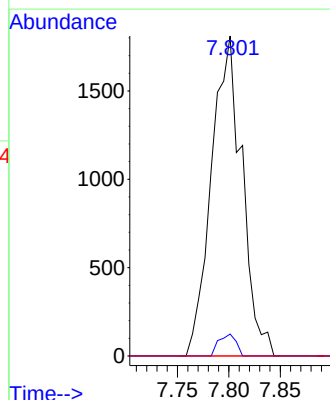
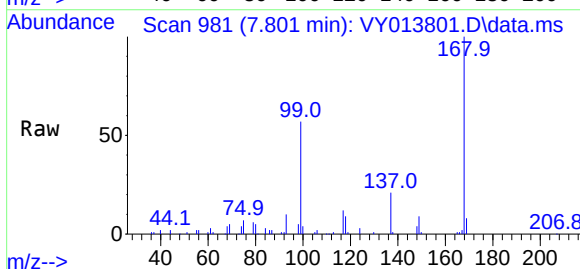
Tgt Ion: 117 Resp: 3753

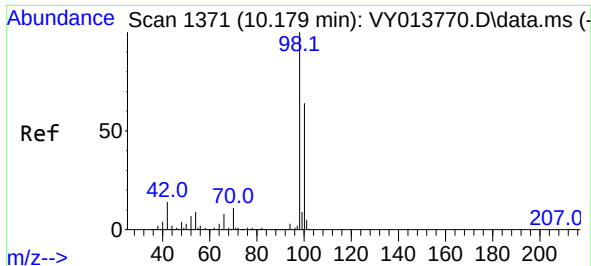
Ion Ratio Lower Upper

117 100

119 6.8 79.0 118.6#

121 0.0 24.1 36.1#

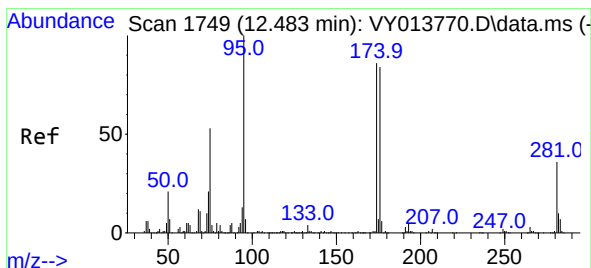
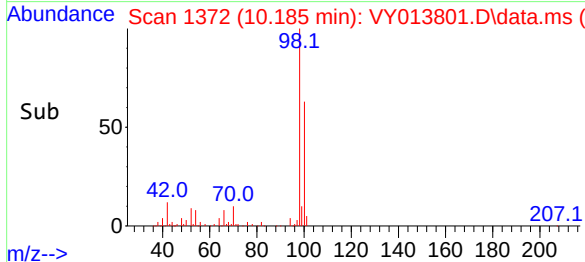
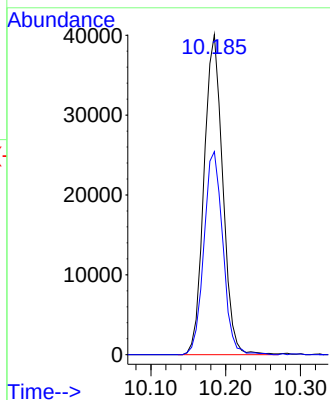
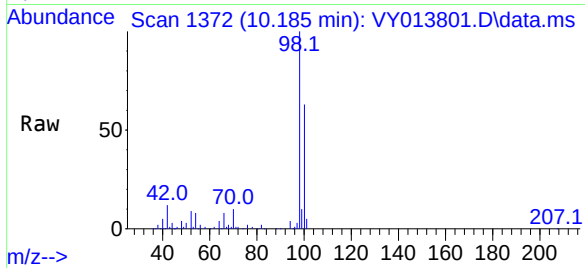




#50
Toluene-d8
Concen: 48.581 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

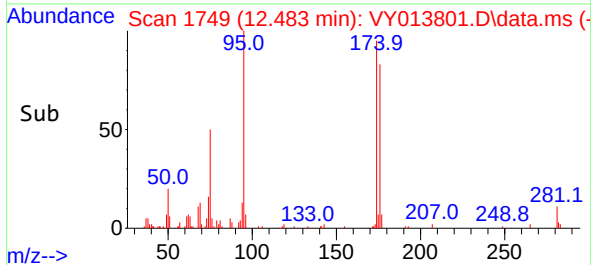
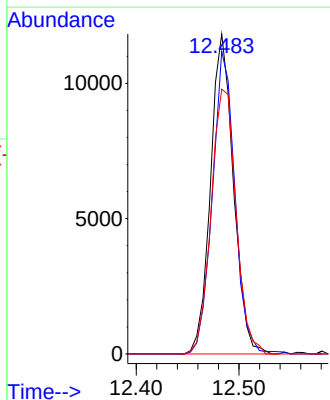
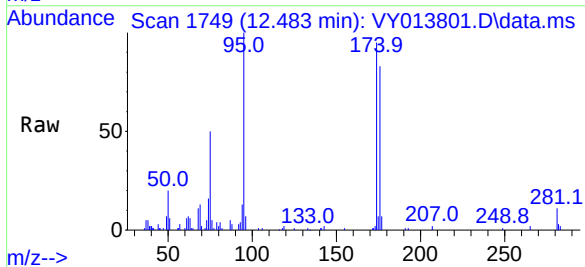
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

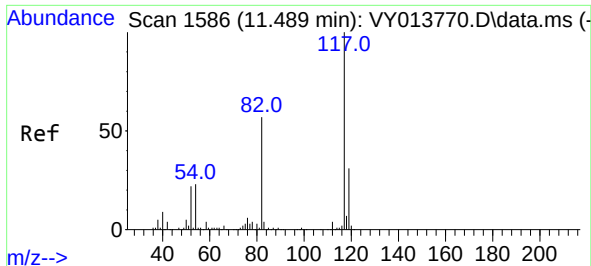
Tgt Ion: 98 Resp: 69587
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 38.445 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

Tgt Ion: 95 Resp: 18291
Ion Ratio Lower Upper
95 100
174 92.7 0.0 168.8
176 90.0 0.0 165.2

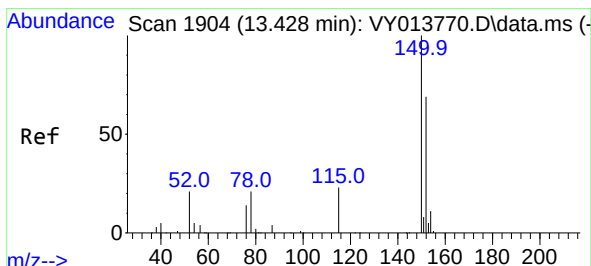
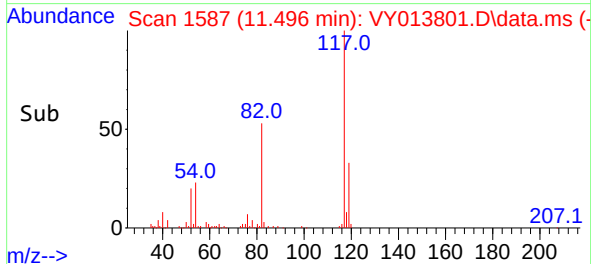
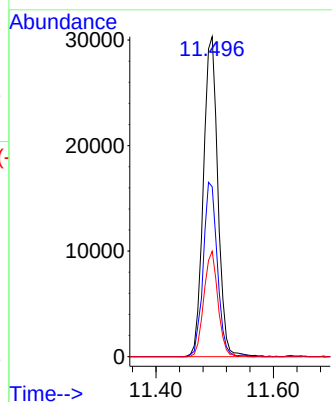
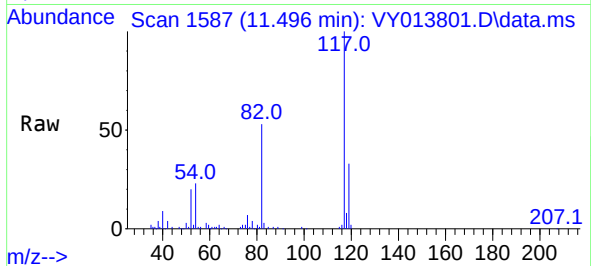




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

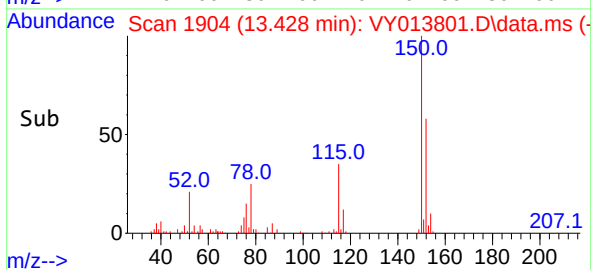
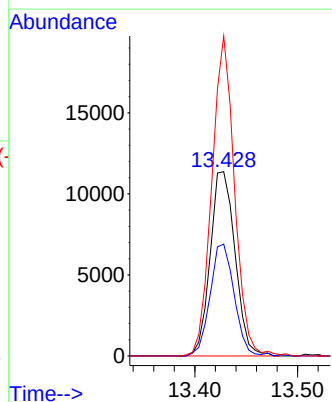
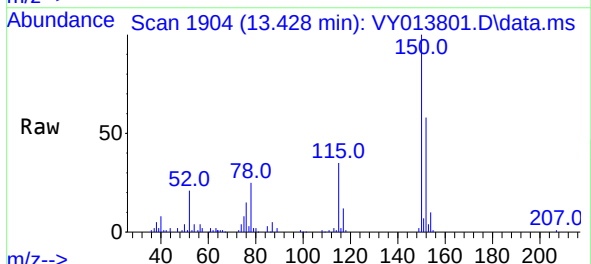
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

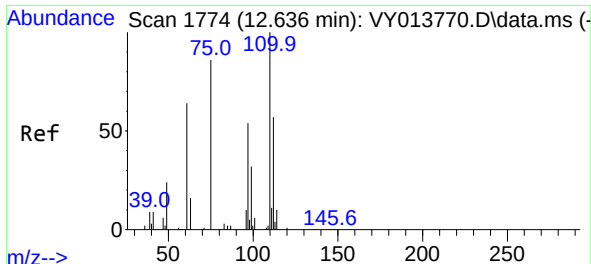
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.5	68.3
119	33.0	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.5	85.5
150	157.9	0.0	347.0

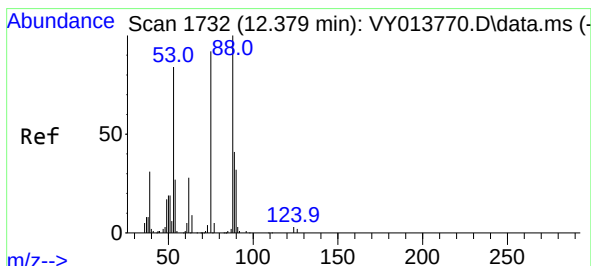
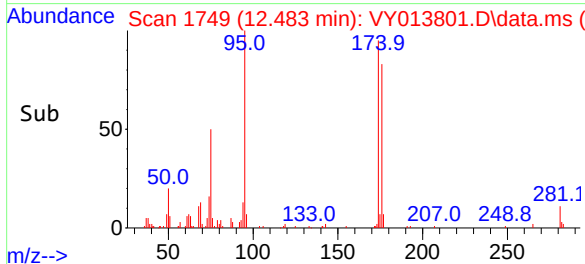
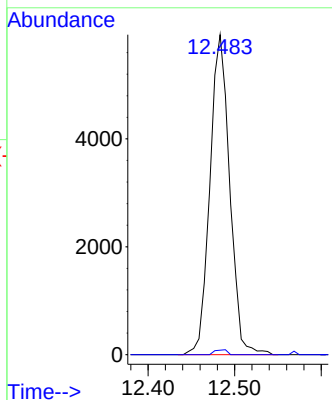
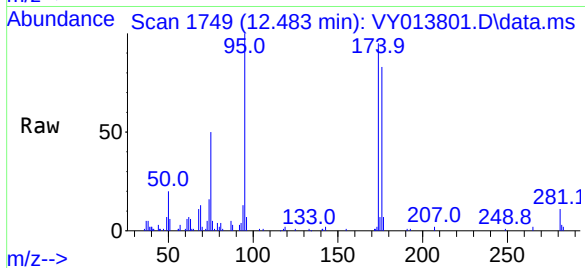




#76
1,2,3-Trichloropropane
Concen: 40.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion: 75 Resp: 9417
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.551 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013801.D
Acq: 18 May 2023 15:02

Tgt Ion: 75 Resp: 9417
Ion Ratio Lower Upper
75 100
53 0.0 75.3 112.9#
89 0.0 35.4 53.2#

