

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011767.D
 Acq On : 12 Dec 2022 13:41
 Operator : KP/MD
 Sample : N5997-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2802-COMP

Quant Time: Dec 13 00:19:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

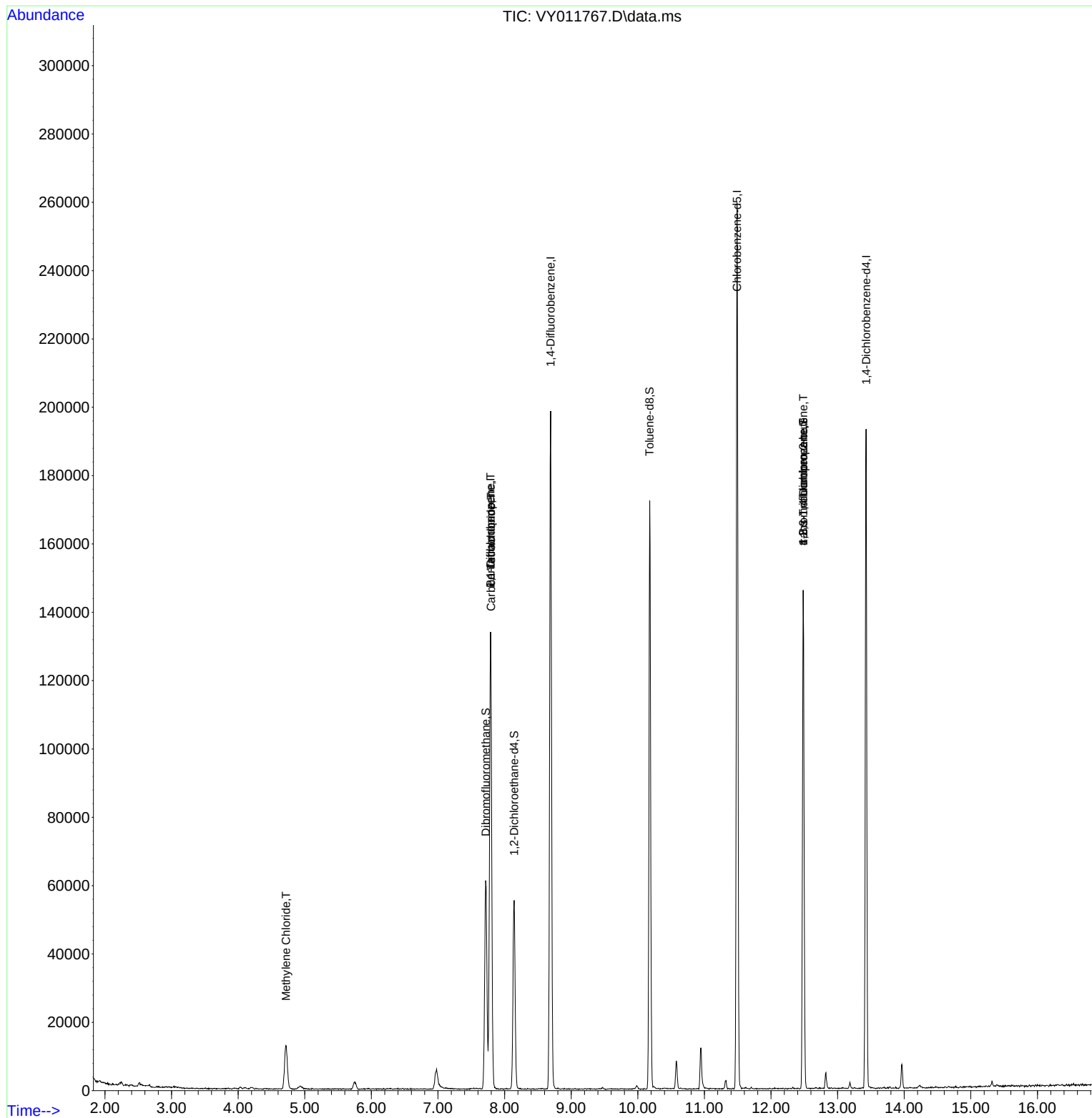
Internal Standards						
1) Pentafluorobenzene	7.789	168	105365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43563	61.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.420%	
35) Dibromofluoromethane	7.716	113	43224	57.944	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.880%	
50) Toluene-d8	10.179	98	116225	46.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.120%	
62) 4-Bromofluorobenzene	12.483	95	38051	37.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	160	Below Cal	#	41
5) Bromomethane	2.668	94	264	Below Cal	#	39
11) Tert butyl alcohol	4.936	59	1215	Below Cal	#	74
20) Methylene Chloride	4.716	84	9734	4.113	ug/l	98
31) Cyclohexane	7.783	56	2205	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	7755	6.022	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	10653	7.042	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	19443	37.199	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	19443	84.412	ug/l	# 13

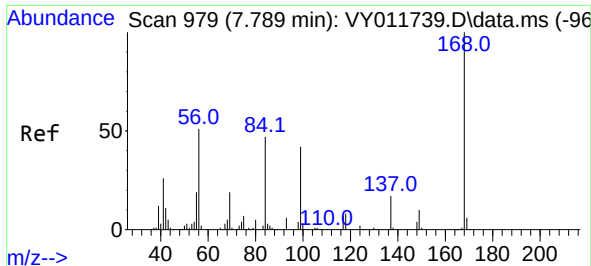
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
Data File : VY011767.D
Acq On : 12 Dec 2022 13:41
Operator : KP/MD
Sample : N5997-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

Quant Time: Dec 13 00:19:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

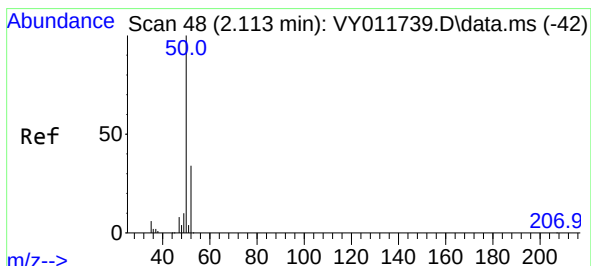
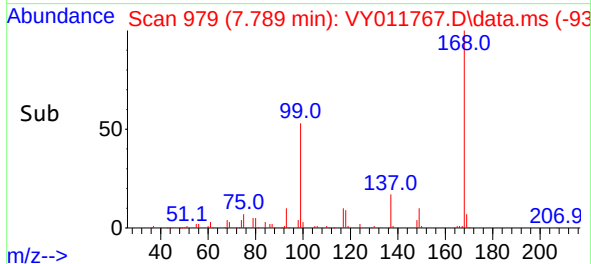
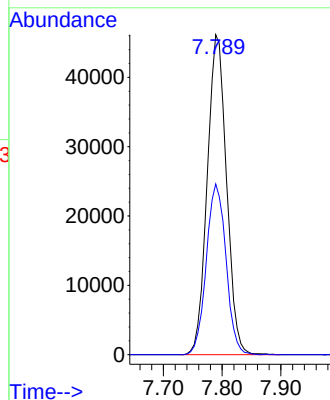
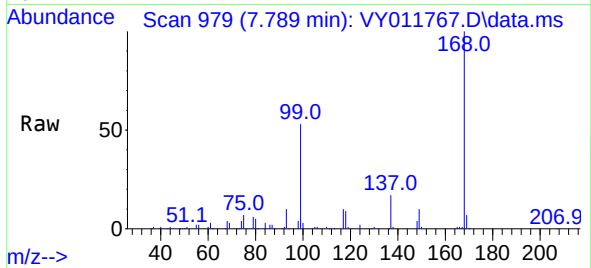




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

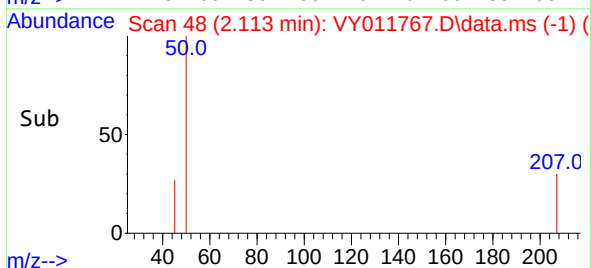
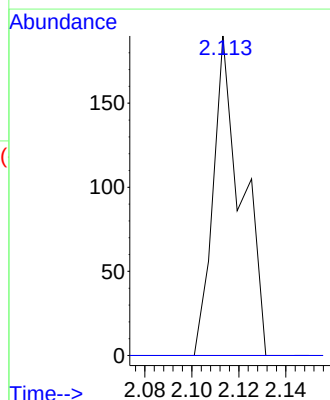
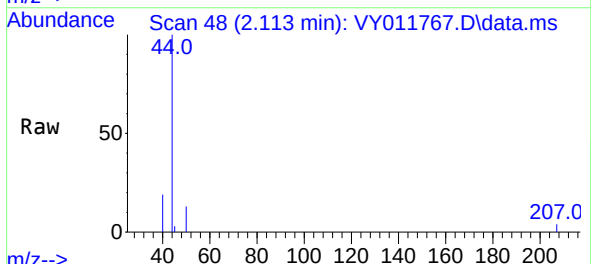
Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

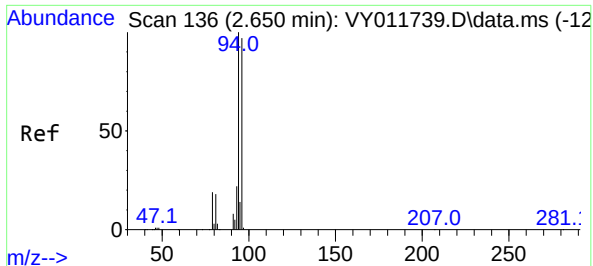
Tgt Ion:168 Resp: 105365
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 50 Resp: 160
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

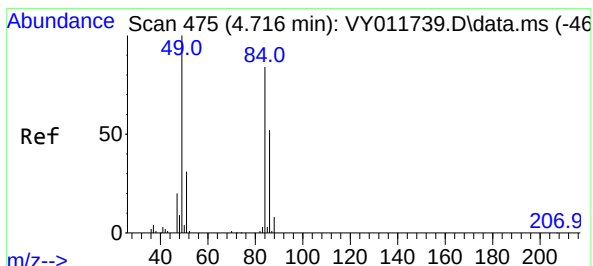
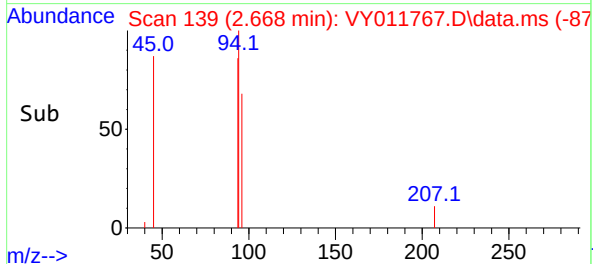
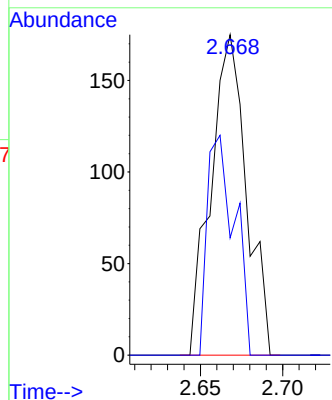
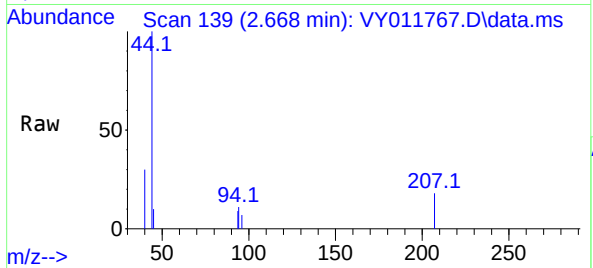




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

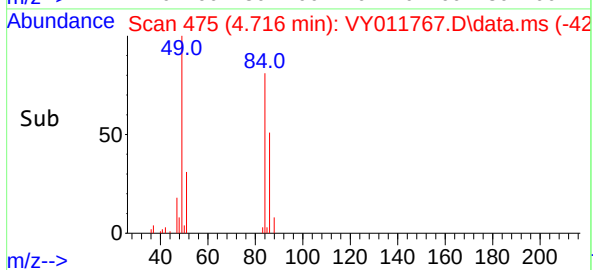
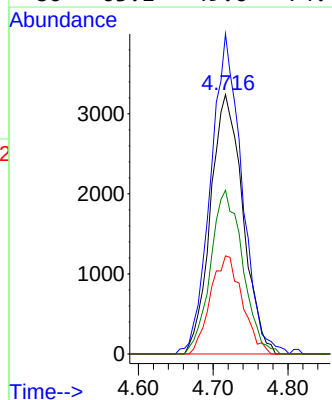
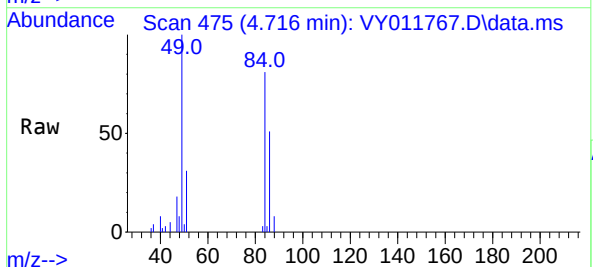
Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

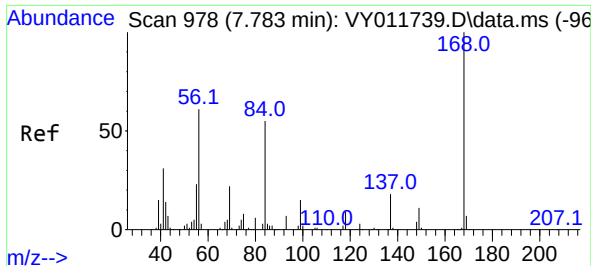
Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 36.6 77.4 116.2#



#20
Methylene Chloride
Concen: 4.113 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

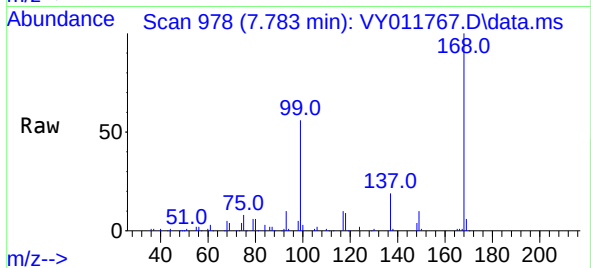
Tgt Ion: 84 Resp: 9734
Ion Ratio Lower Upper
84 100
49 121.5 95.4 143.2
51 37.8 29.9 44.9
86 63.1 49.6 74.4



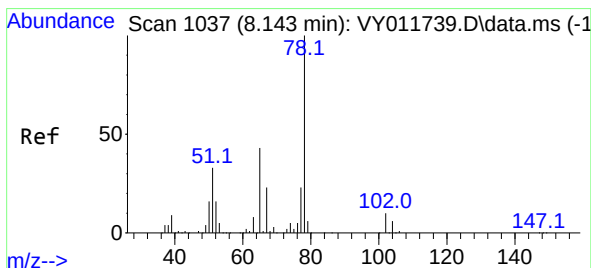
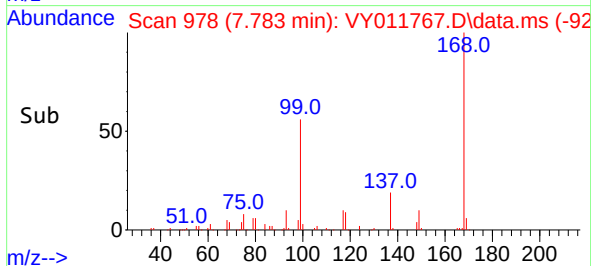
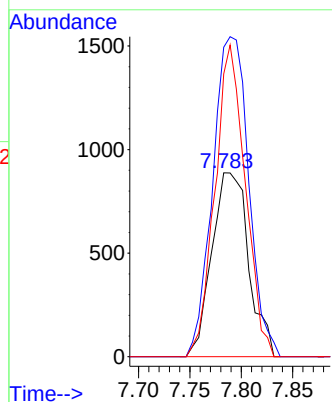


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

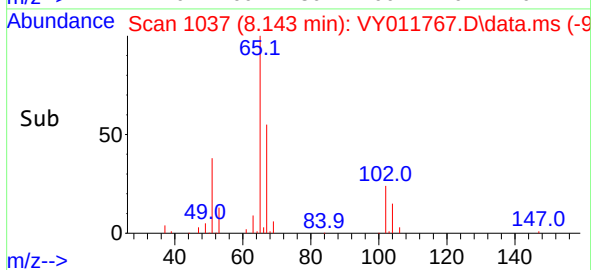
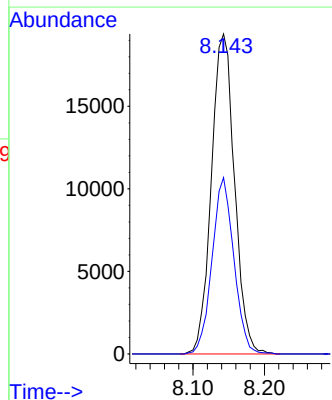
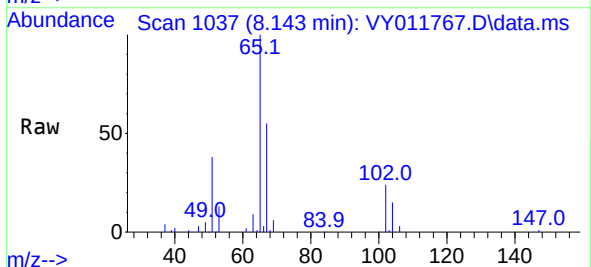


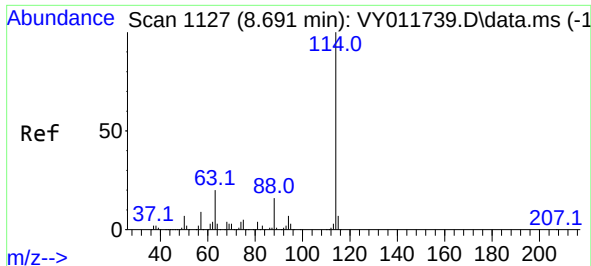
Tgt Ion: 56 Resp: 2205
Ion Ratio Lower Upper
56 100
69 168.2 29.2 43.8#
84 153.7 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 61.711 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 65 Resp: 43563
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011767.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

2802-COMP

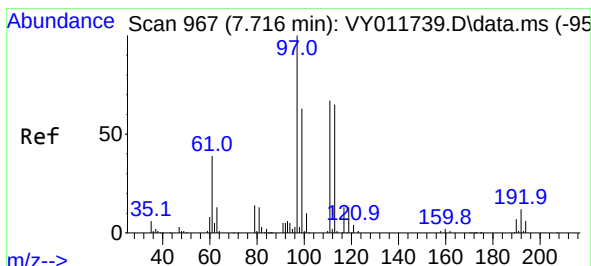
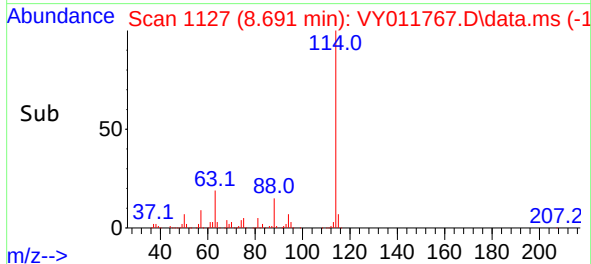
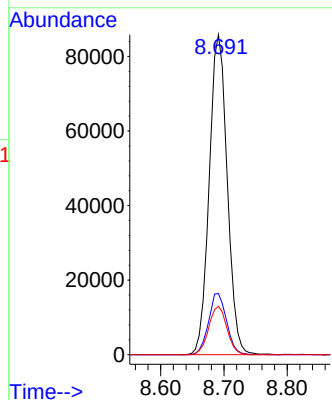
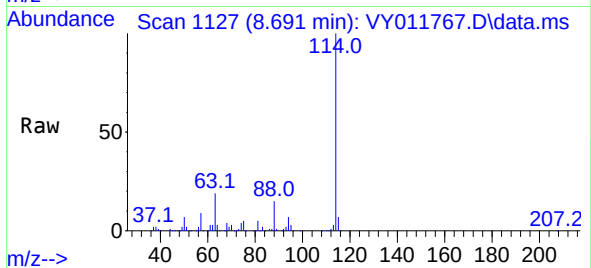
Tgt Ion:114 Resp: 169707

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.944 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011767.D

Acq: 12 Dec 2022 13:41

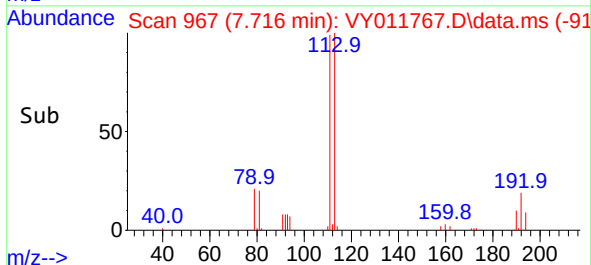
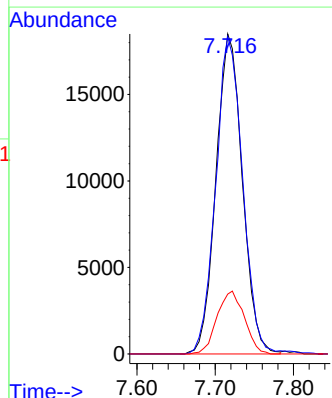
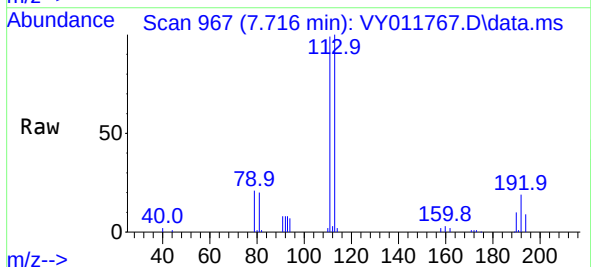
Tgt Ion:113 Resp: 43224

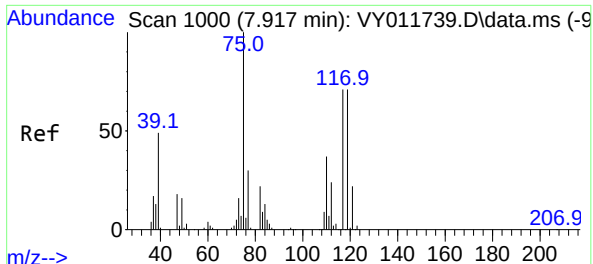
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 20.4 16.0 24.0





#36

1,1-Dichloropropene

Concen: 6.022 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011767.D

Acq: 12 Dec 2022 13:41

Instrument :

MSVOA_Y

ClientSampleId :

2802-COMP

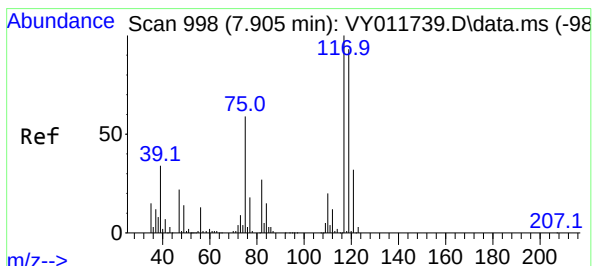
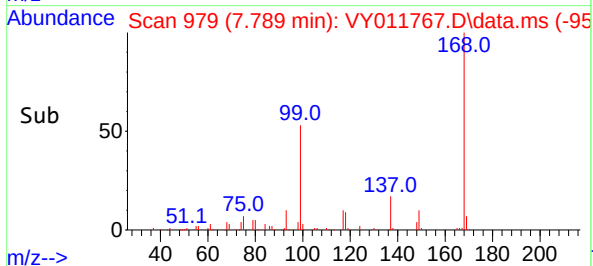
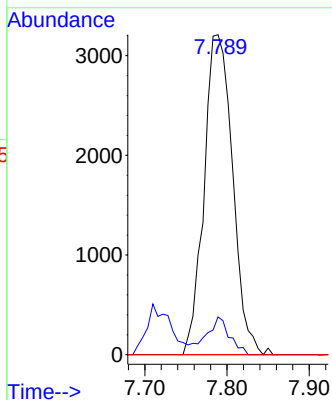
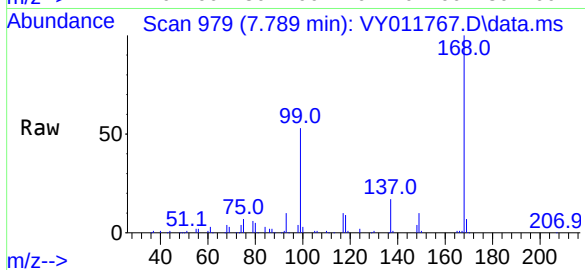
Tgt Ion: 75 Resp: 7755

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.042 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY011767.D

Acq: 12 Dec 2022 13:41

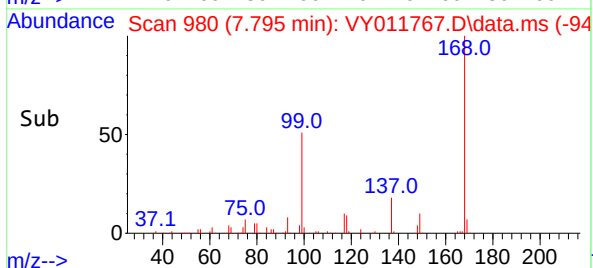
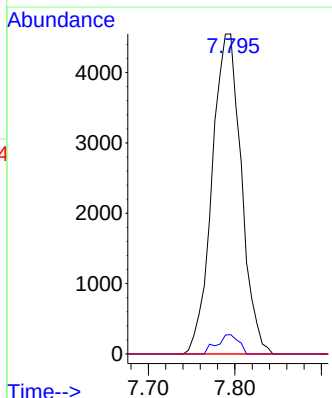
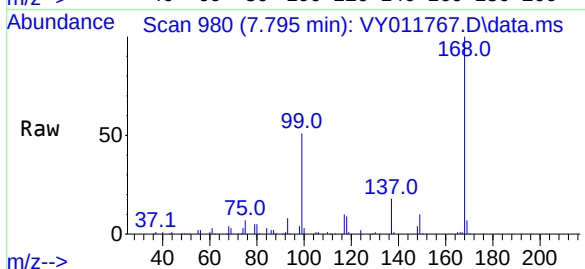
Tgt Ion: 117 Resp: 10653

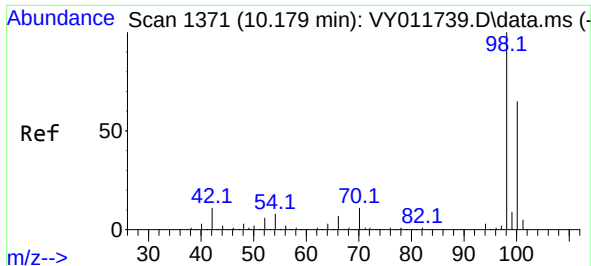
Ion Ratio Lower Upper

117 100

119 6.0 73.8 110.8#

121 0.0 25.2 37.8#

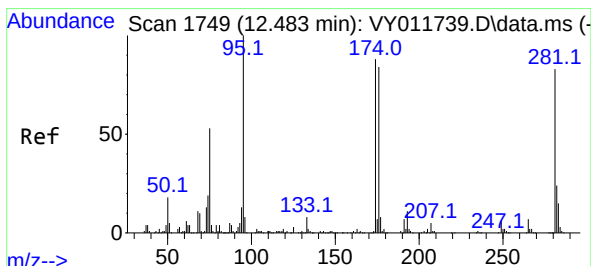
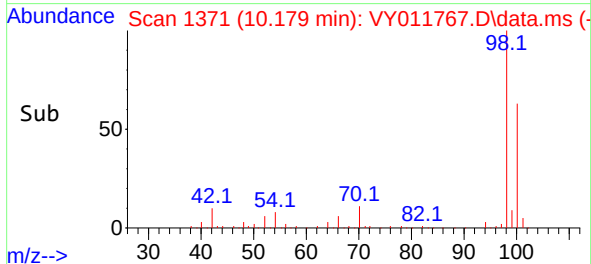
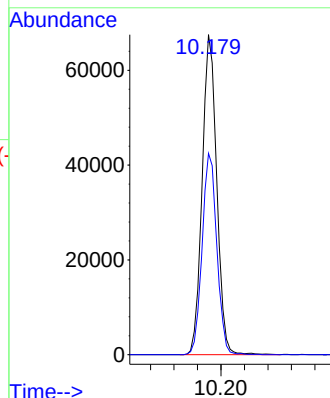
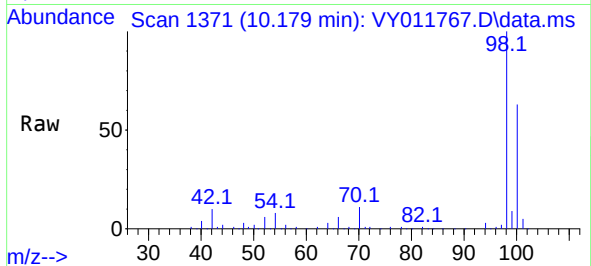




#50
Toluene-d8
Concen: 46.559 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

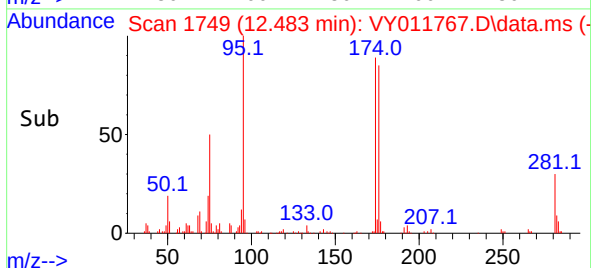
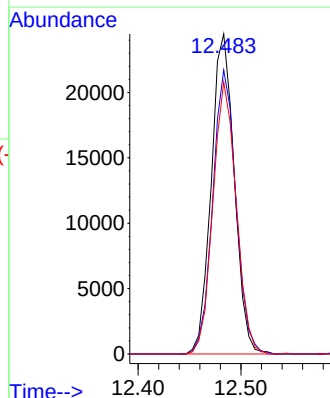
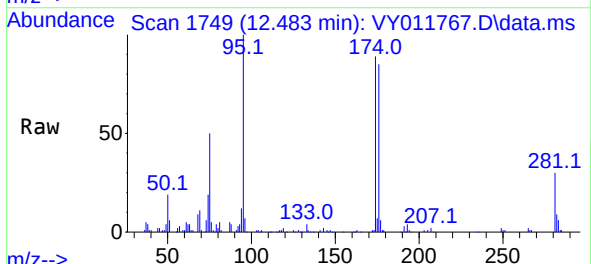
Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

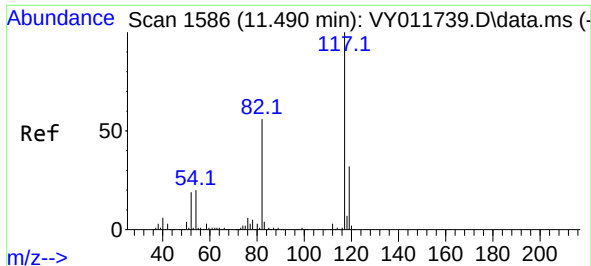
Tgt Ion: 98 Resp: 116225
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 95 Resp: 38051
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.0
176 85.8 0.0 167.6

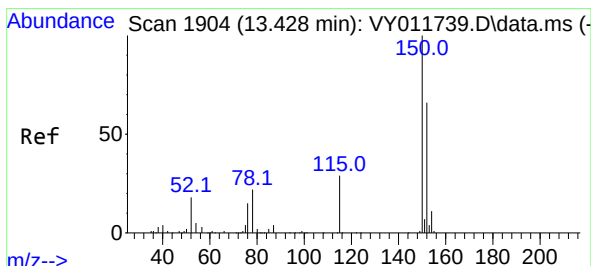
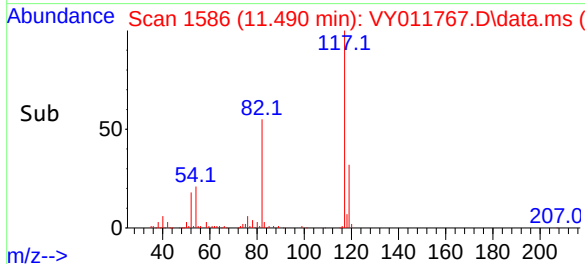
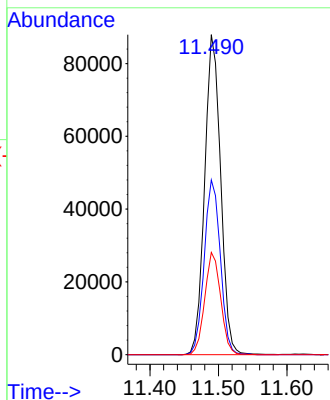
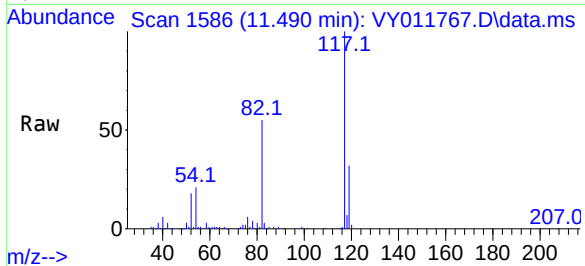




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

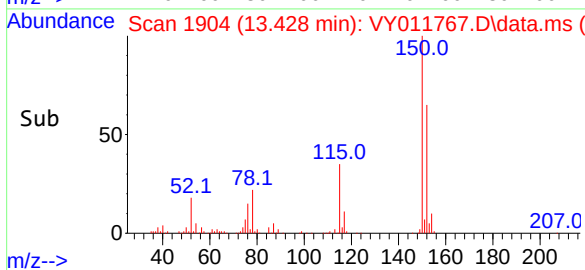
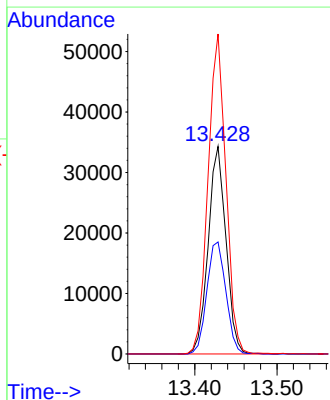
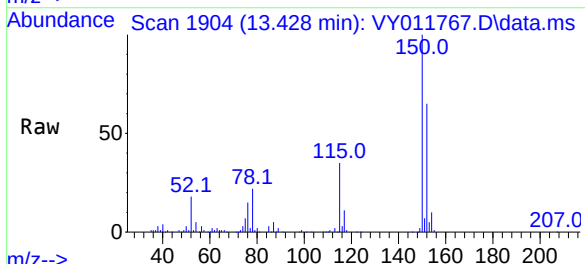
Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

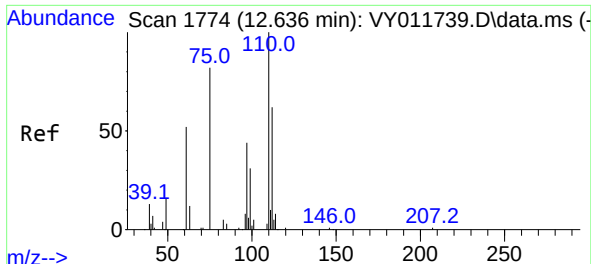
Tgt Ion:117 Resp: 143193
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

Tgt Ion:152 Resp: 51661
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 154.9 0.0 342.6

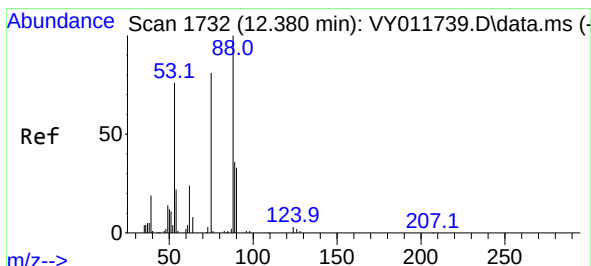
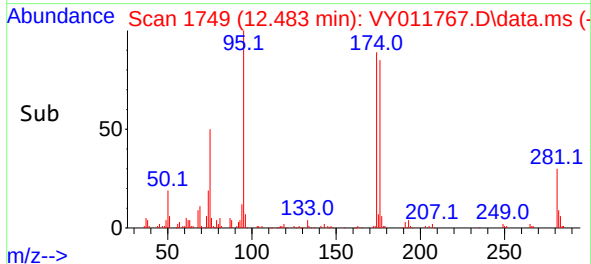
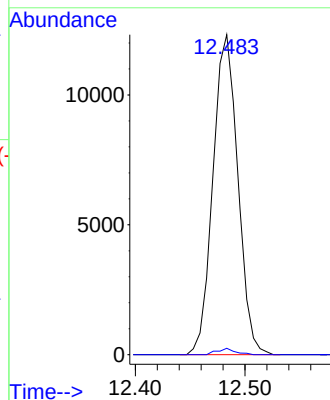
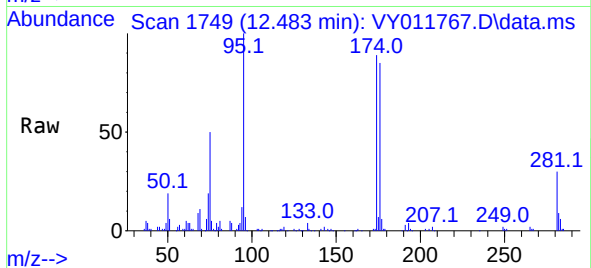




#76
1,2,3-Trichloropropane
Concen: 37.199 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

Tgt Ion: 75 Resp: 19443
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011767.D
Acq: 12 Dec 2022 13:41

Tgt Ion: 75 Resp: 19443
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

