

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012689.D
 Acq On : 22 Feb 2023 13:59
 Operator : KP/MD
 Sample : 01640-01
 Misc : 3.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 22 21:42:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

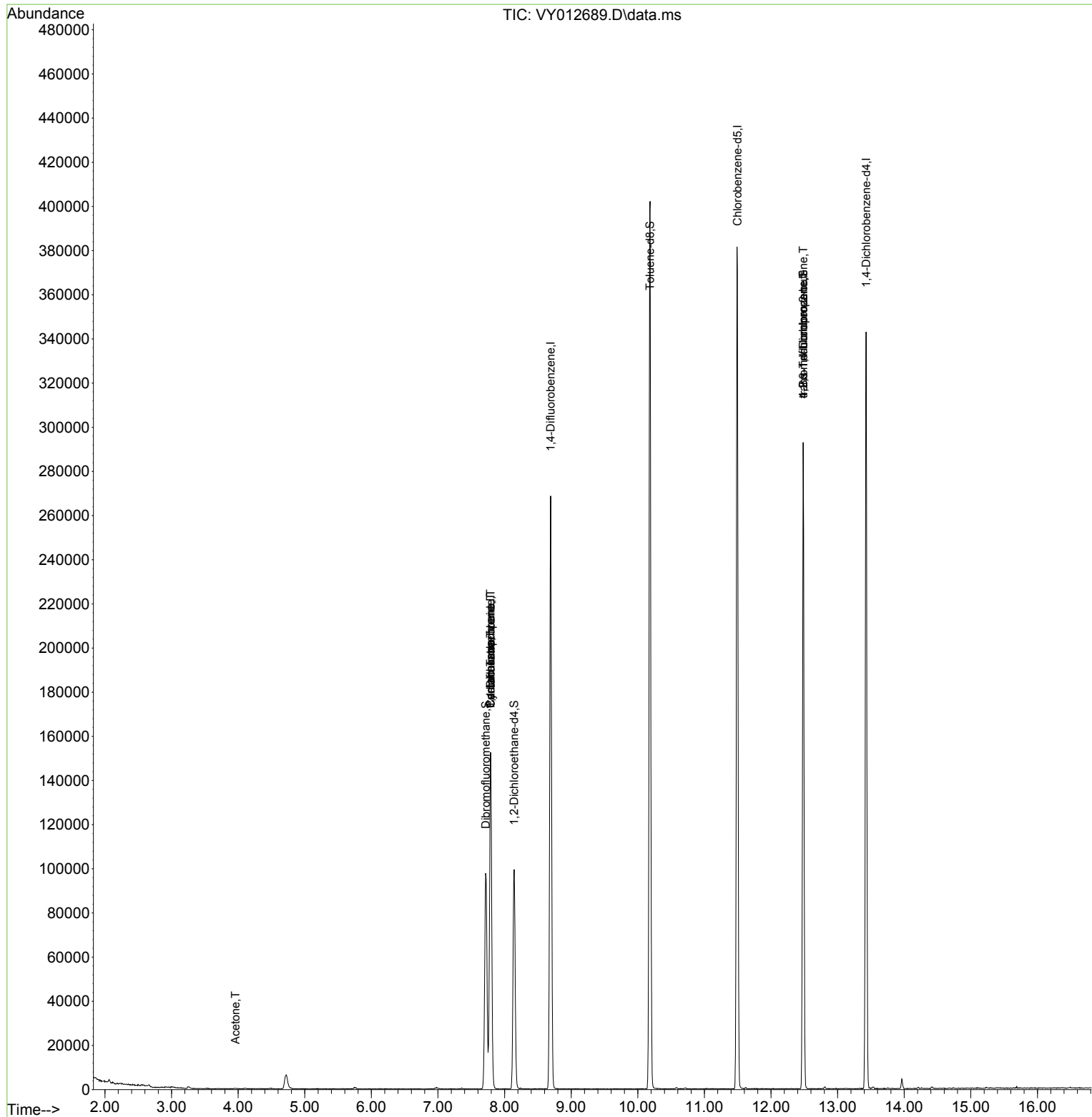
Internal Standards						
1) Pentafluorobenzene	7.789	168	115603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77737	56.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.880%
35) Dibromofluoromethane	7.716	113	69304	48.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.185	98	258003	47.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.483	95	81225	46.969	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	361	Below Cal	#	73
16) Acetone	3.960	43	522	1.172	ug/l #	46
20) Methylene Chloride	4.728	84	4551	Below Cal		92
31) Cyclohexane	7.789	56	2684	1.132	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	9203	4.025	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11439	4.839	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	44863	42.535	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44863	90.109	ug/l #	10

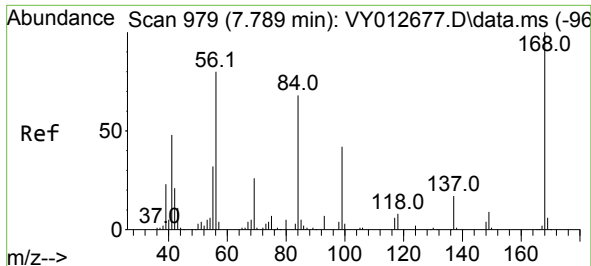
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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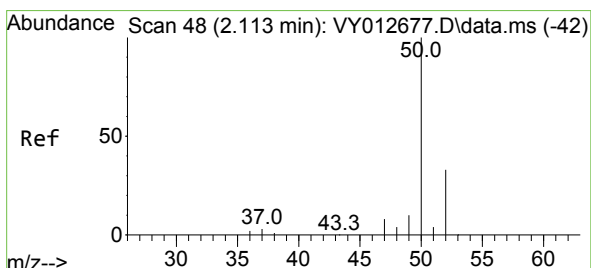
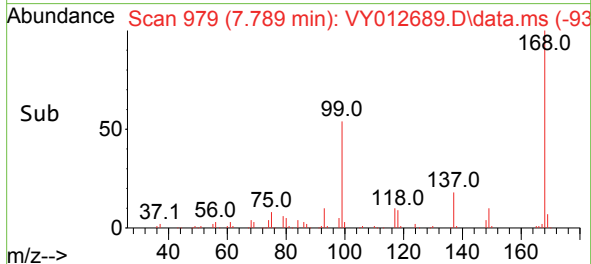
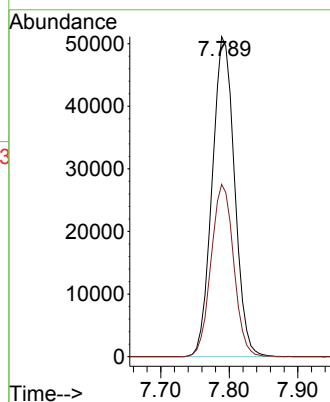
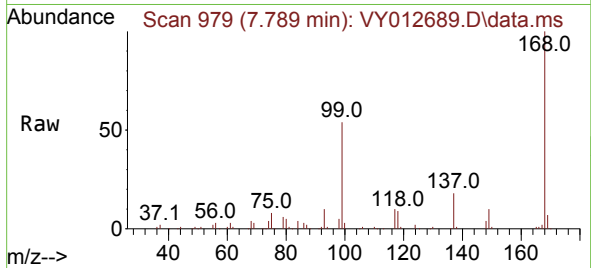




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

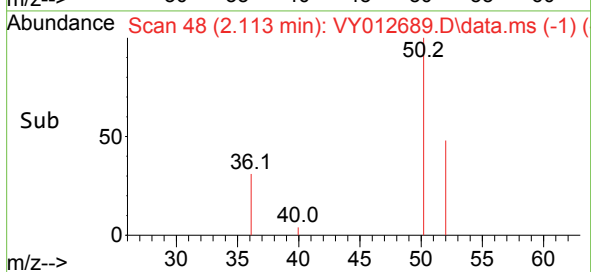
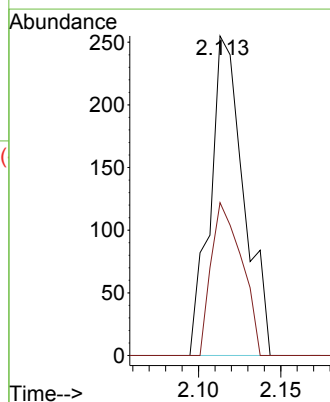
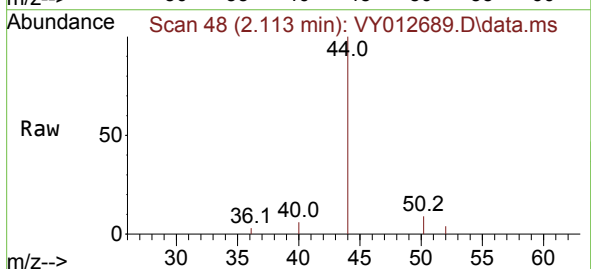
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

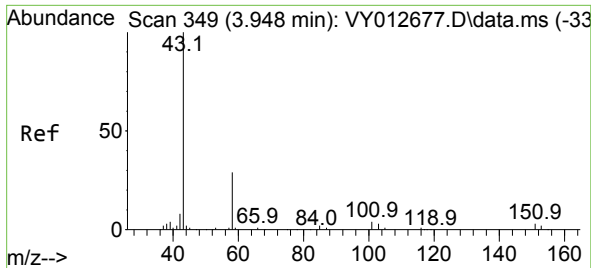
Tgt Ion:168 Resp: 115603
Ion Ratio Lower Upper
168 100
99 53.9 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 47.8 26.1 39.1#





#16

Acetone

Concen: 1.172 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

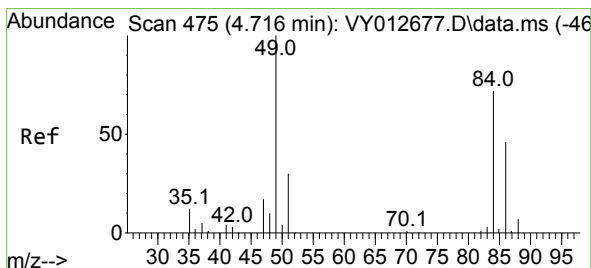
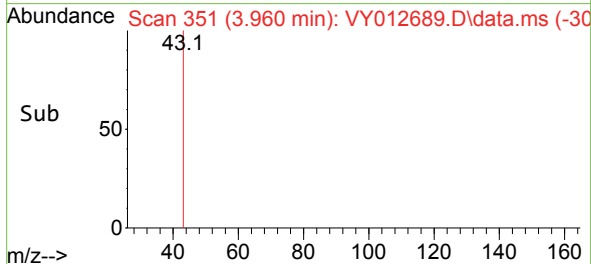
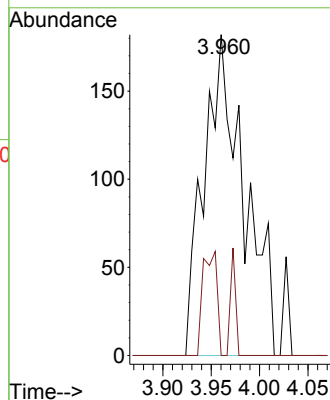
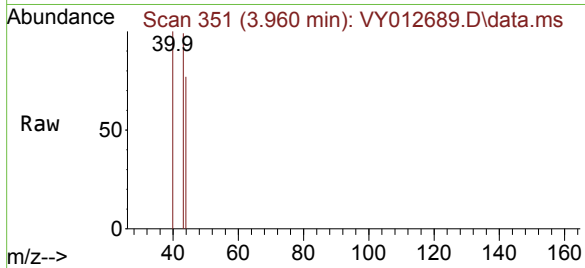
TP-1

Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

Tgt Ion: 84 Resp: 4551

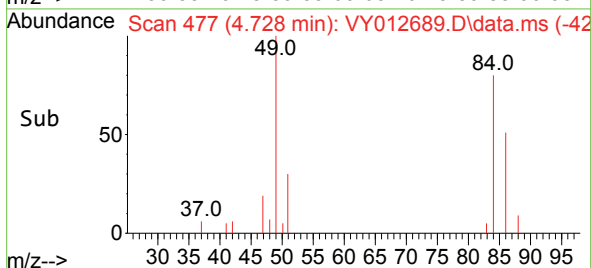
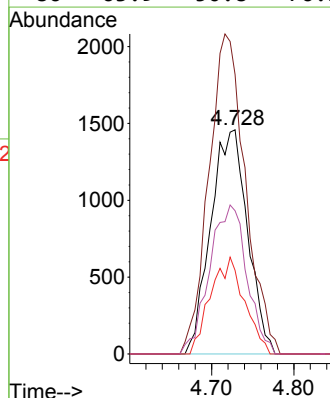
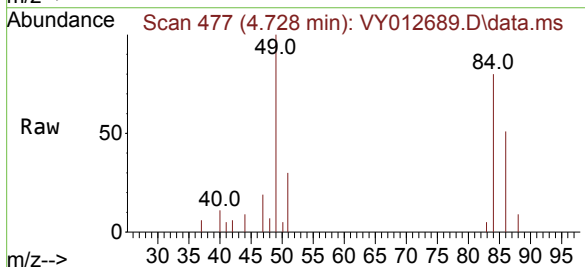
Ion Ratio Lower Upper

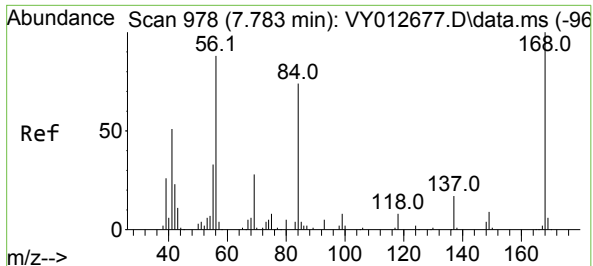
84 100

49 124.6 111.1 166.7

51 37.3 33.5 50.3

86 63.9 50.8 76.2

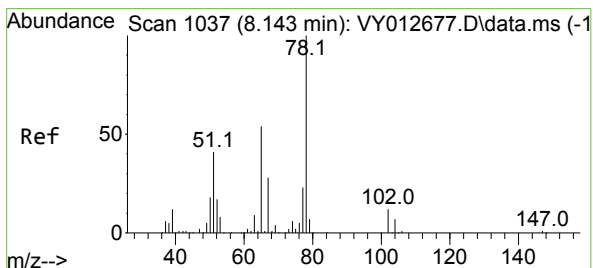
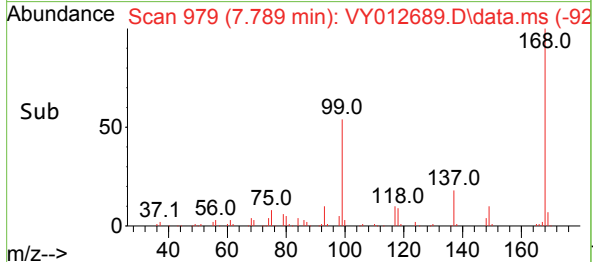
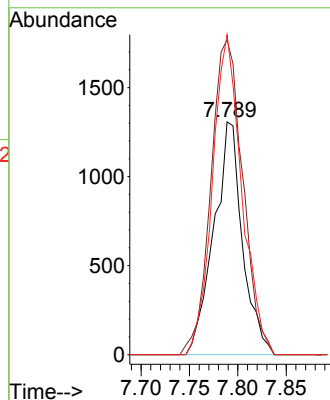
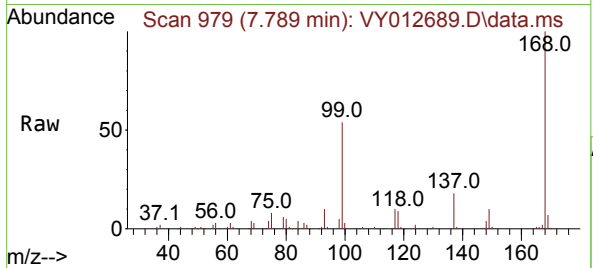




#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

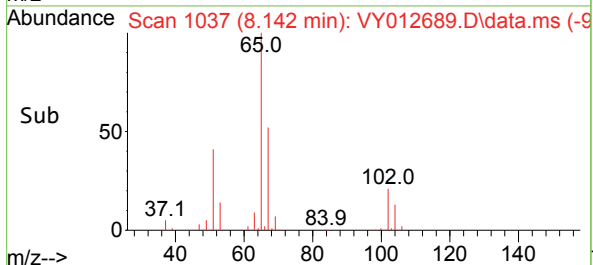
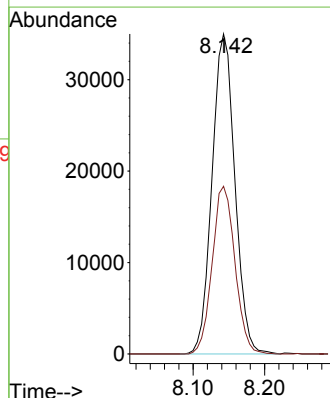
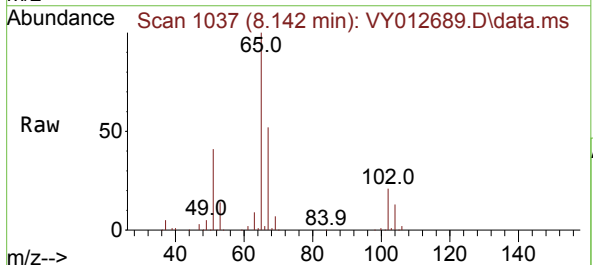
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

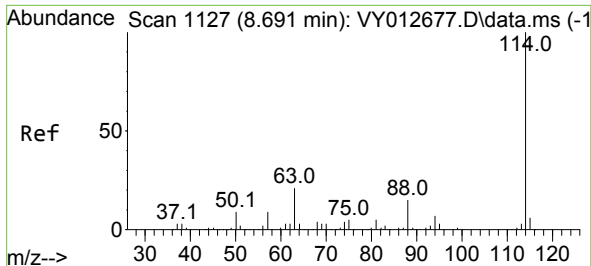
Tgt Ion: 56 Resp: 2684
Ion Ratio Lower Upper
56 100
69 135.3 25.4 38.2#
84 137.5 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 56.937 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Tgt Ion: 65 Resp: 77737
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

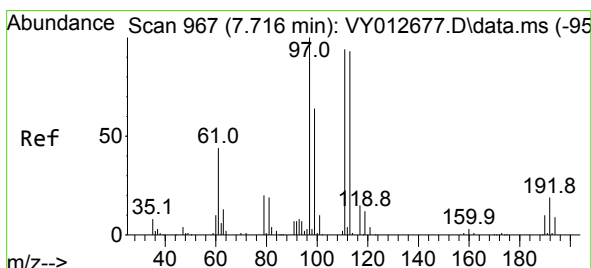
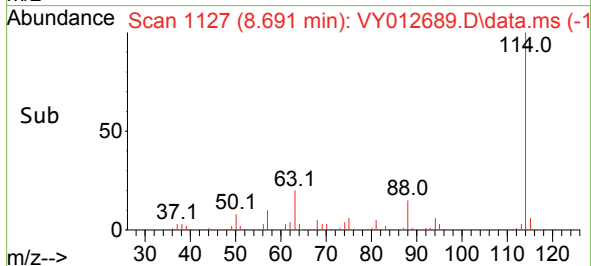
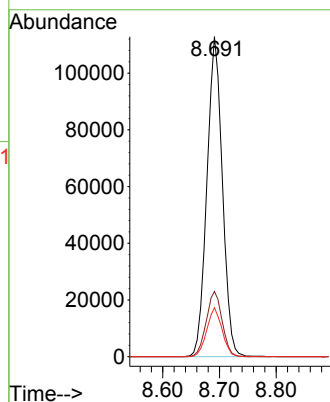
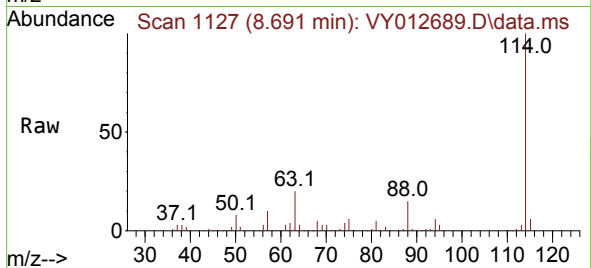
Tgt Ion:114 Resp: 213558

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.046 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

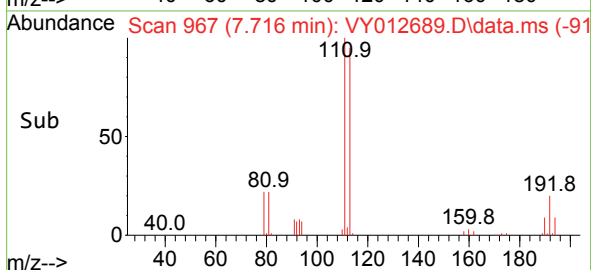
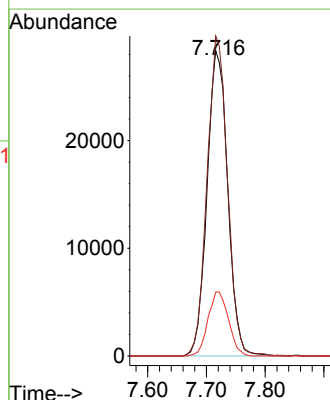
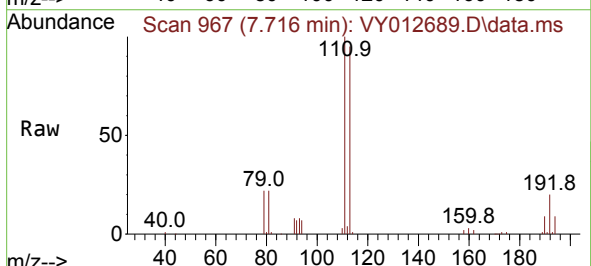
Tgt Ion:113 Resp: 69304

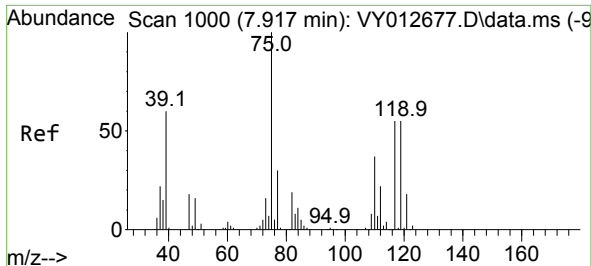
Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 20.8 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.025 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

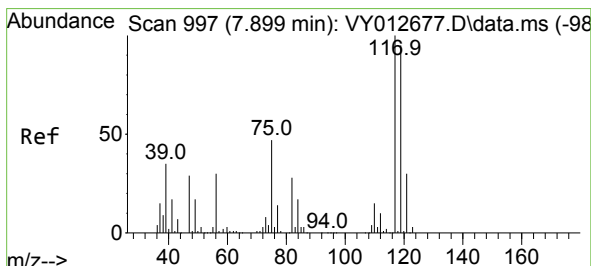
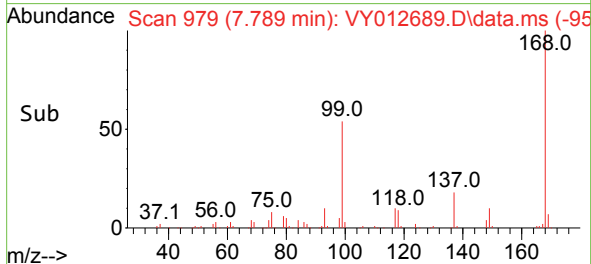
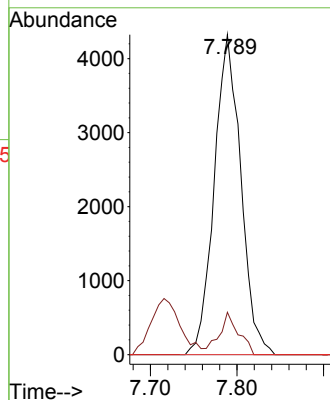
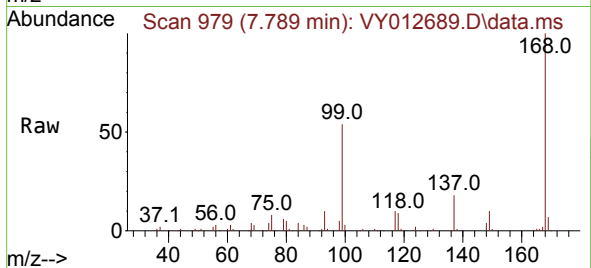
Tgt Ion: 75 Resp: 9203

Ion Ratio Lower Upper

75 100

110 9.8 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.839 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012689.D

Acq: 22 Feb 2023 13:59

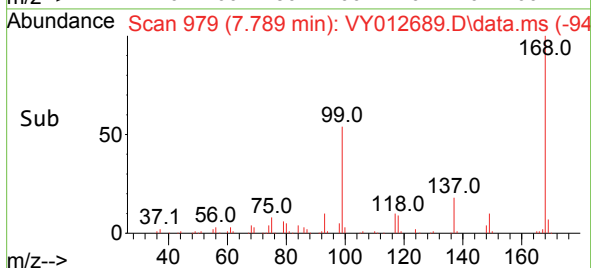
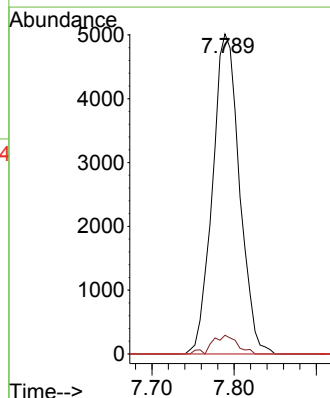
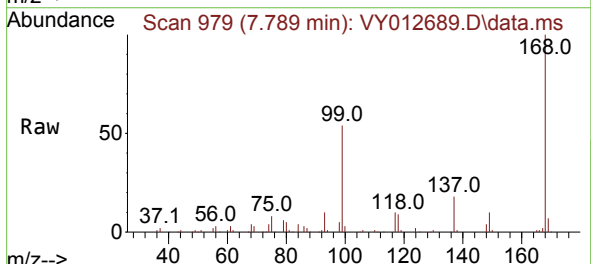
Tgt Ion: 117 Resp: 11439

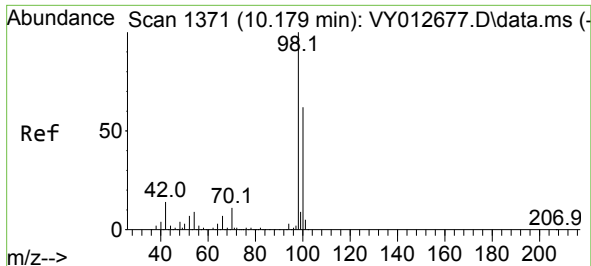
Ion Ratio Lower Upper

117 100

119 5.9 75.5 113.3#

121 0.0 23.8 35.8#

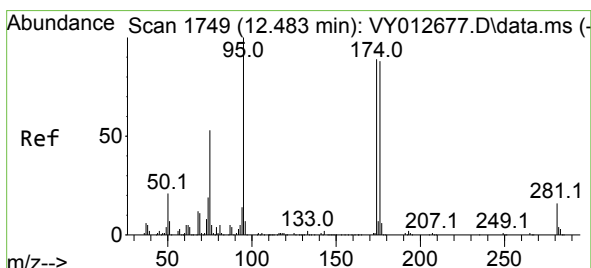
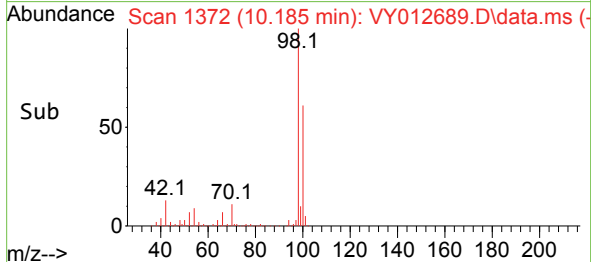
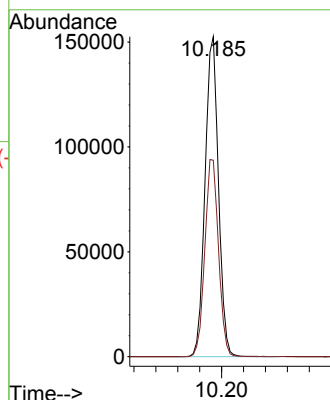
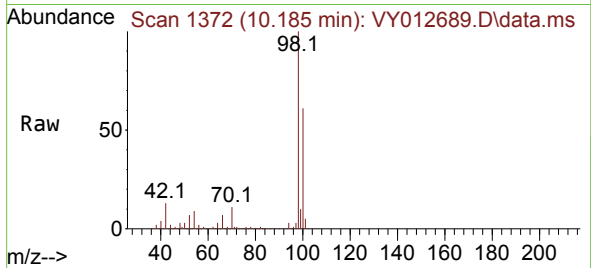




#50
Toluene-d8
Concen: 47.743 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

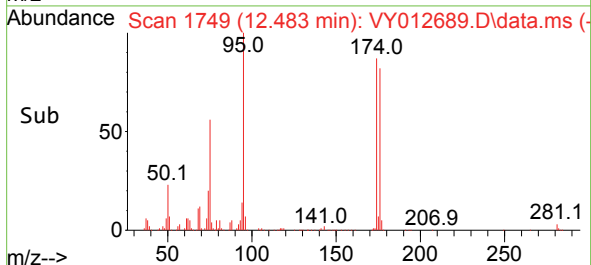
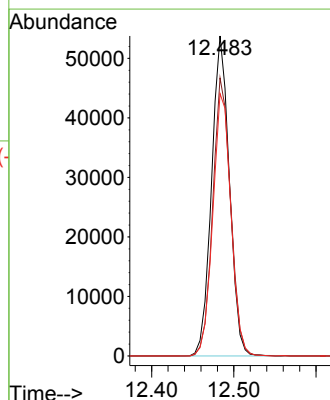
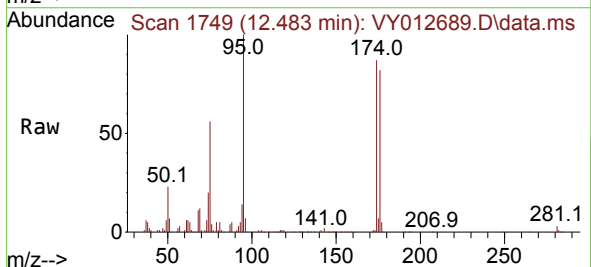
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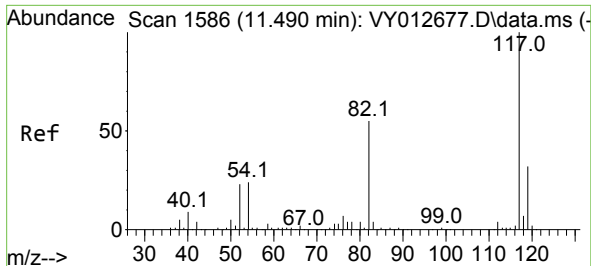
Tgt Ion: 98 Resp: 258003
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.969 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Tgt Ion: 95 Resp: 81225
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.8
176 83.6 0.0 169.4

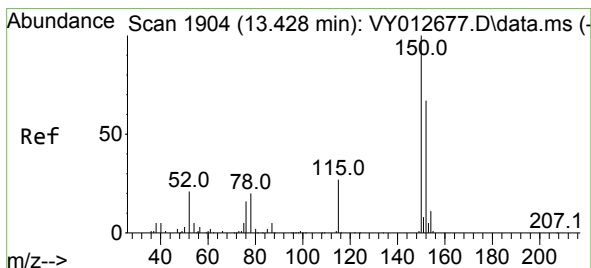
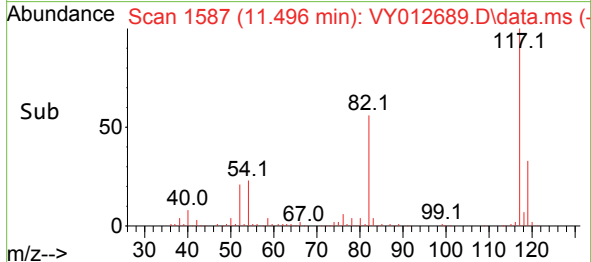
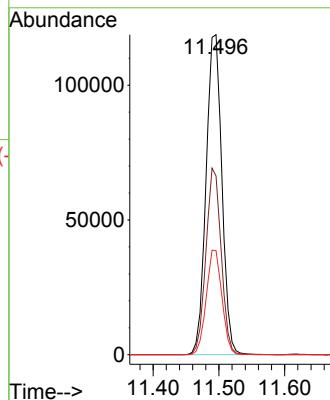
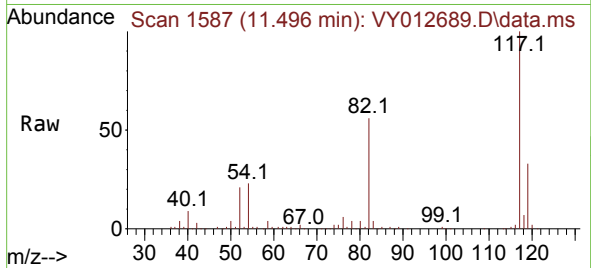




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

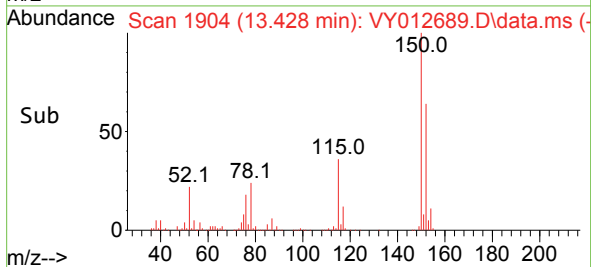
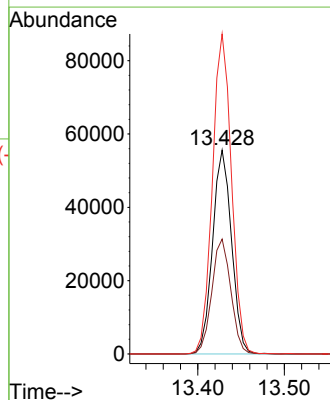
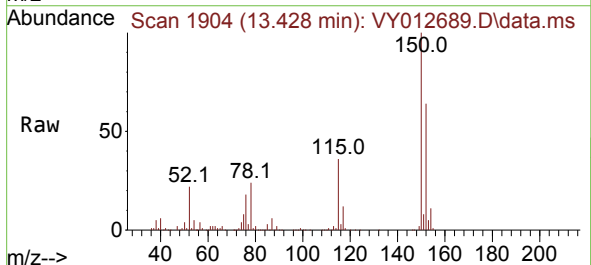
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

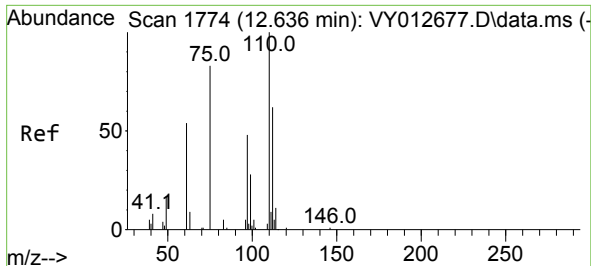
Tgt Ion:117 Resp: 198569
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Tgt Ion:152 Resp: 84605
Ion Ratio Lower Upper
152 100
115 56.5 28.7 86.3
150 157.7 0.0 347.6

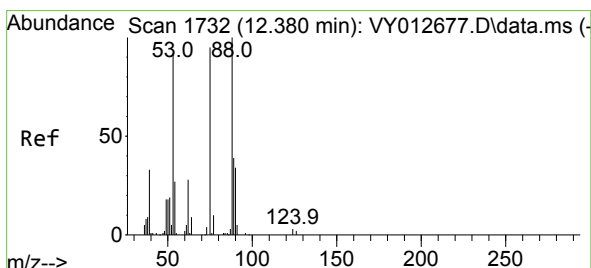
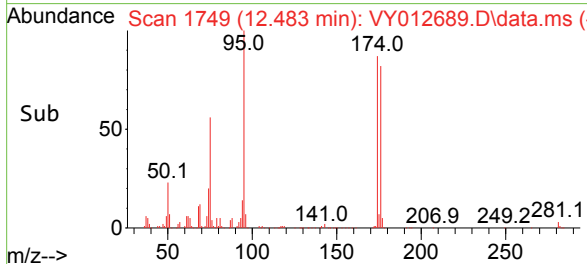
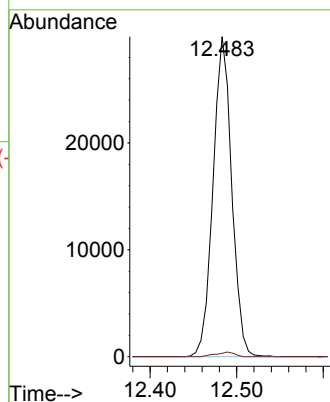
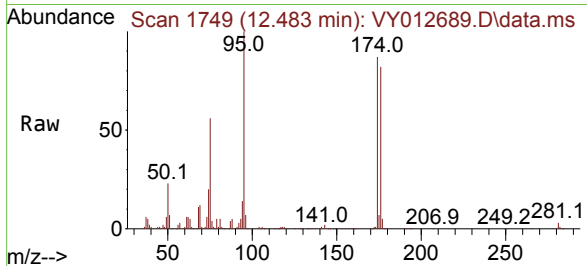




#76
1,2,3-Trichloropropane
Concen: 42.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 44863
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.109 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012689.D
Acq: 22 Feb 2023 13:59

Tgt Ion: 75 Resp: 44863
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.0 36.5 54.7#

