

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012786.D
 Acq On : 03 Mar 2023 11:01
 Operator : KP/MD
 Sample : VY0303SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL01

Quant Time: Mar 03 14:35:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

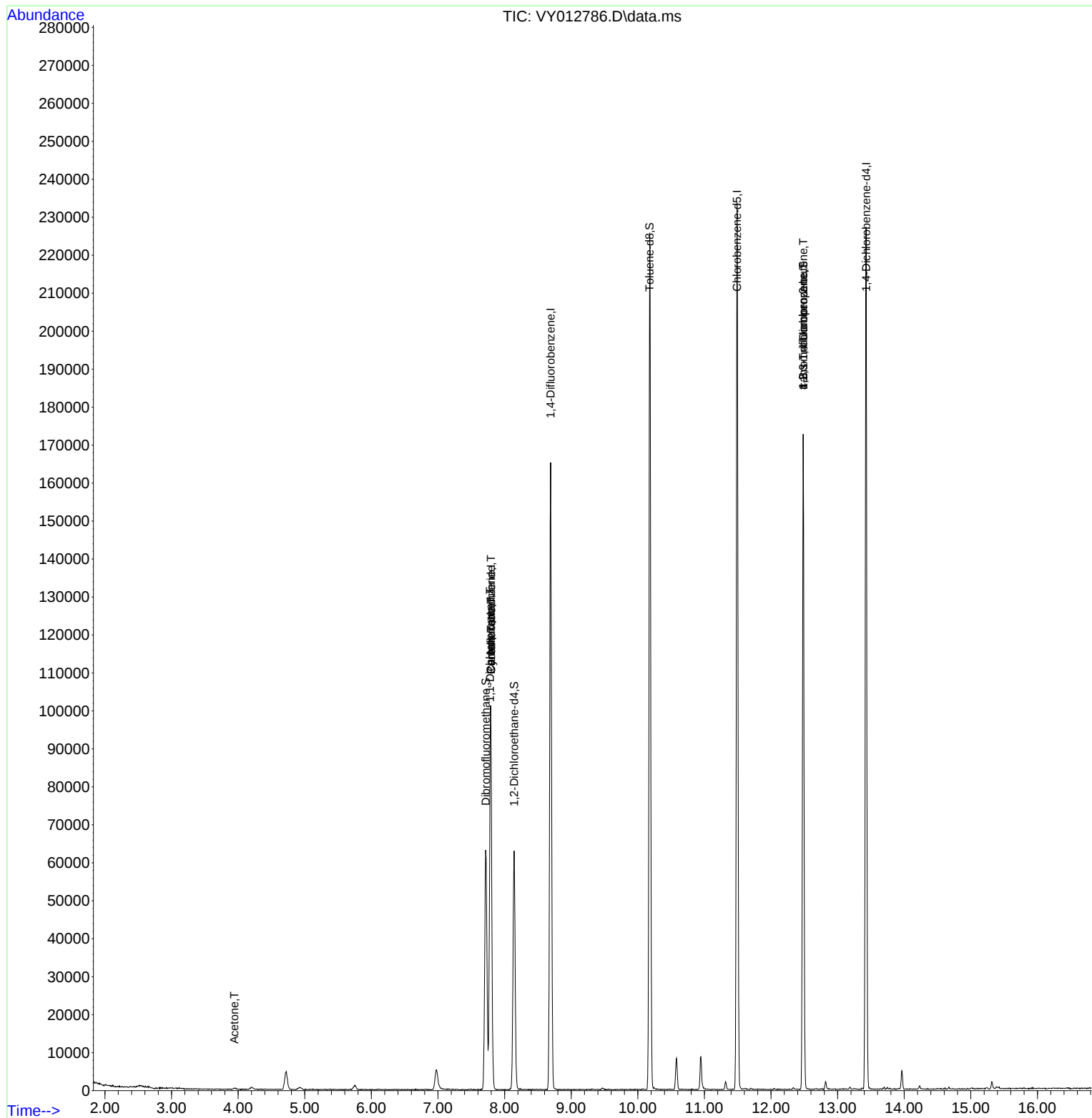
Internal Standards						
1) Pentafluorobenzene	7.795	168	79606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47682	60.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.660%	
35) Dibromofluoromethane	7.715	113	43795	53.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.178	98	146582	48.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.483	95	47372	46.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	724	Below Cal	#	74
16) Acetone	3.942	43	612	1.973	ug/l	90
20) Methylene Chloride	4.716	84	3498	Below Cal	#	86
31) Cyclohexane	7.795	56	1666	1.101	ug/l	# 26
36) 1,1-Dichloropropene	7.782	75	6099	4.445	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	7634	5.387	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	25269	36.226	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	25269	75.061	ug/l	# 13

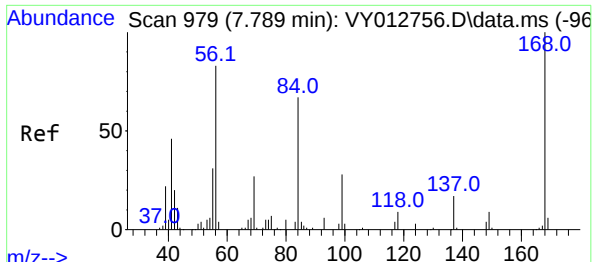
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
Data File : VY012786.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

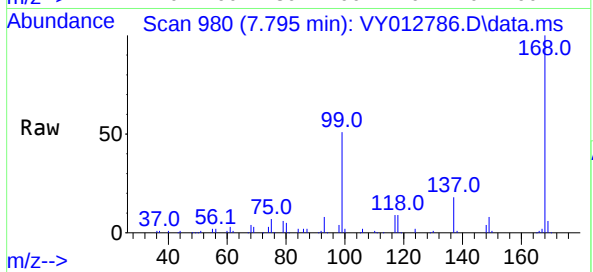
Quant Time: Mar 03 14:35:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



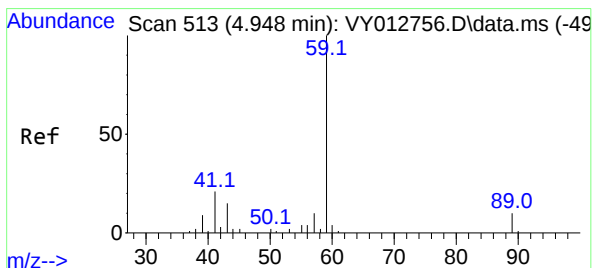
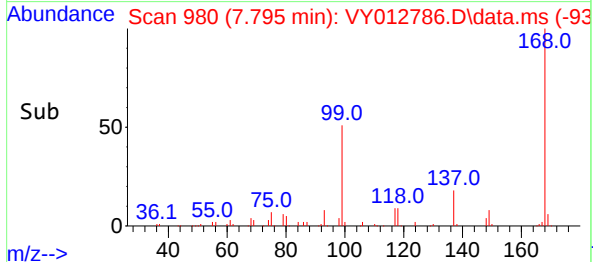
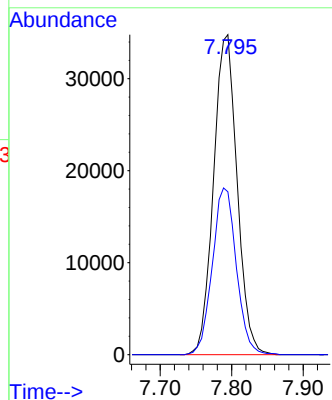


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

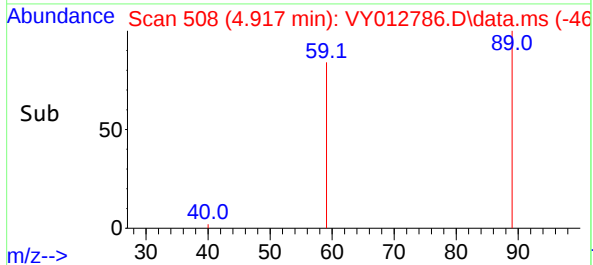
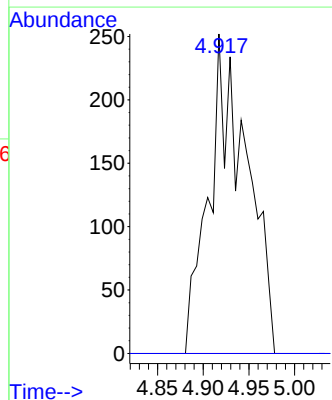
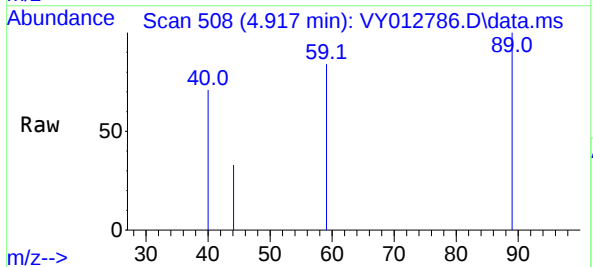


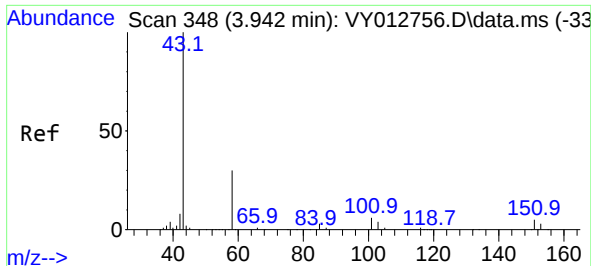
Tgt Ion:168 Resp: 79606
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Tgt Ion: 59 Resp: 724
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.973 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

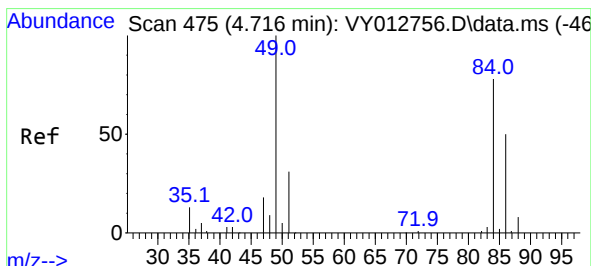
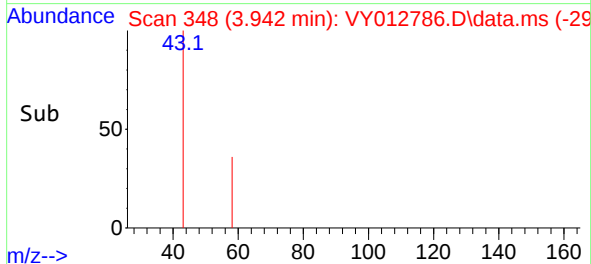
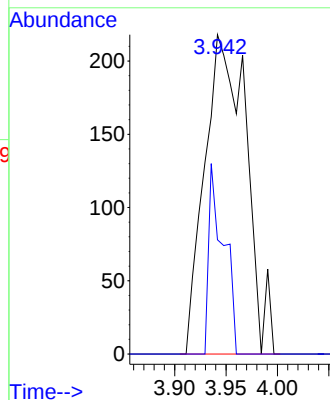
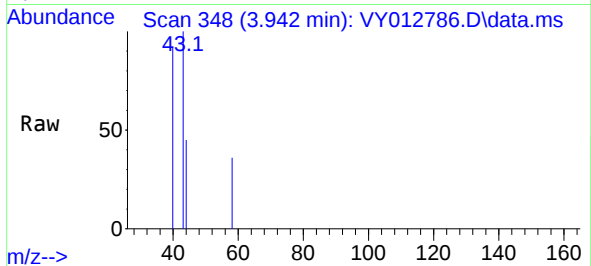
VY0303SBL01

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

58 35.8 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

Tgt Ion: 84 Resp: 3498

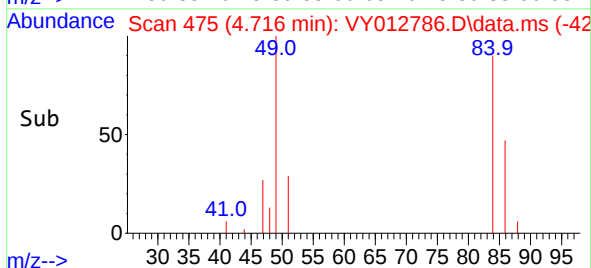
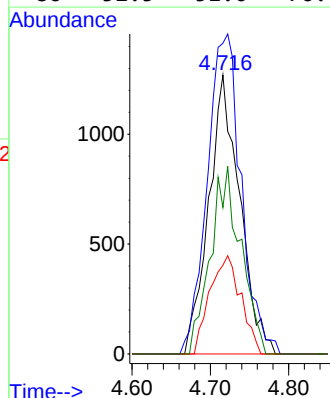
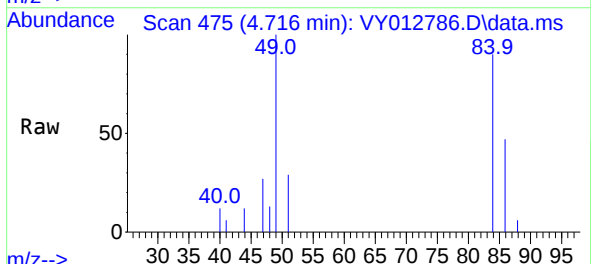
Ion Ratio Lower Upper

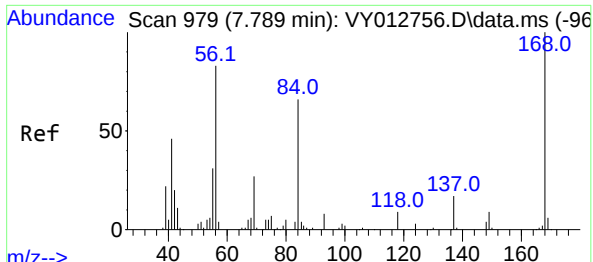
84 100

49 111.4 102.6 154.0

51 31.8 31.9 47.9#

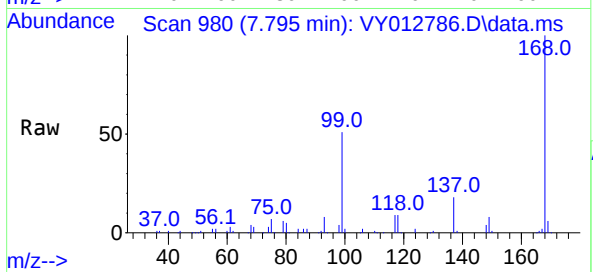
86 52.5 51.0 76.6



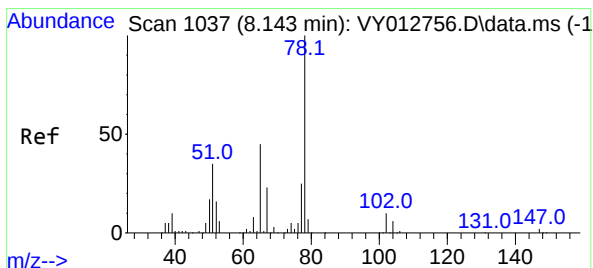
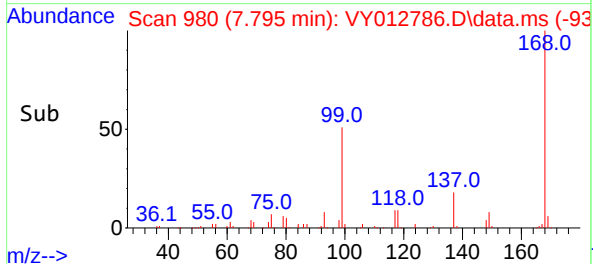
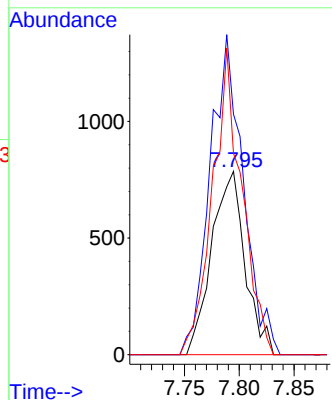


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

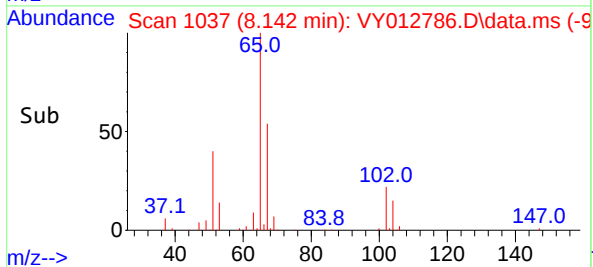
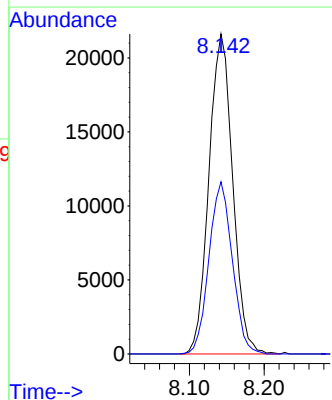
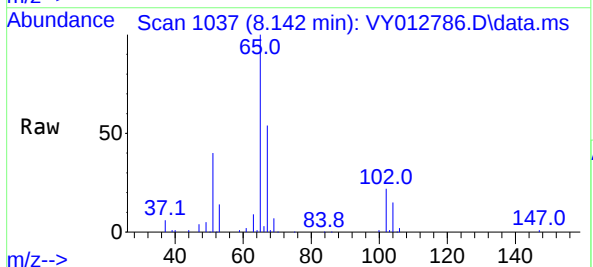


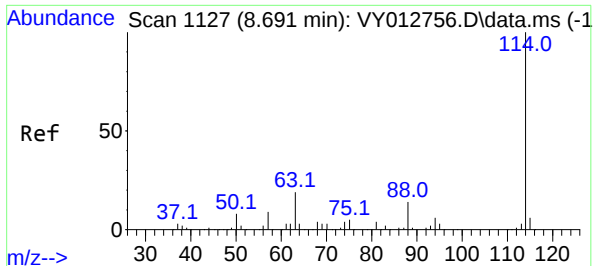
Tgt Ion: 56 Resp: 1666
Ion Ratio Lower Upper
56 100
69 131.2 25.7 38.5#
84 109.9 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 60.328 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Tgt Ion: 65 Resp: 47682
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

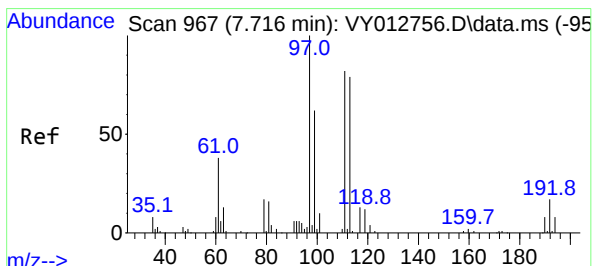
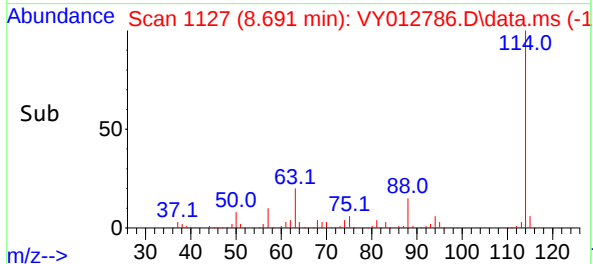
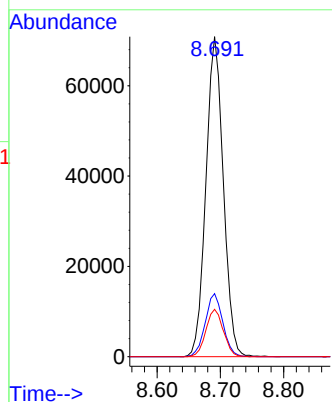
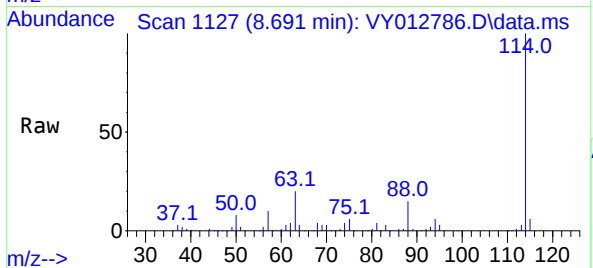




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

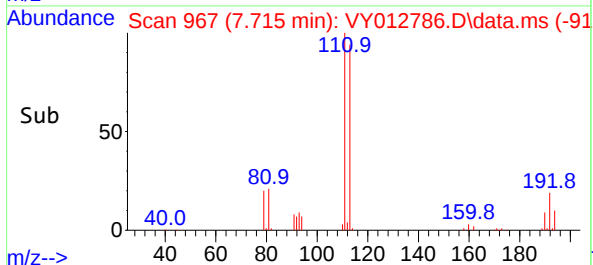
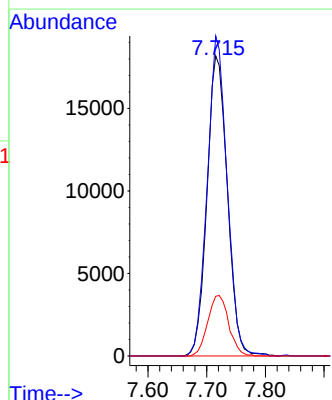
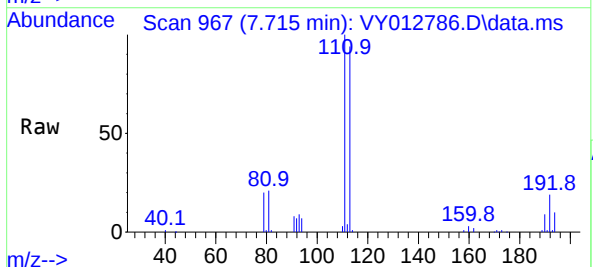
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

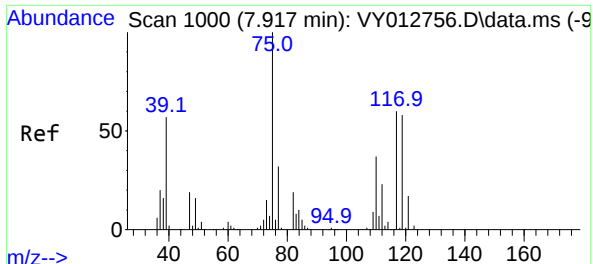
Tgt Ion:114 Resp: 135684
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 53.483 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Tgt Ion:113 Resp: 43795
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 20.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.445 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.135 min

Lab File: VY012786.D

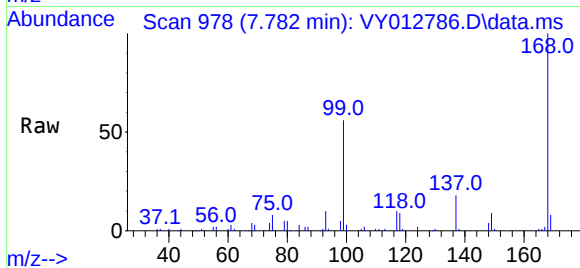
Acq: 03 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBL01



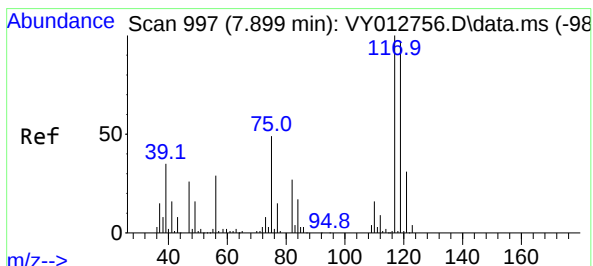
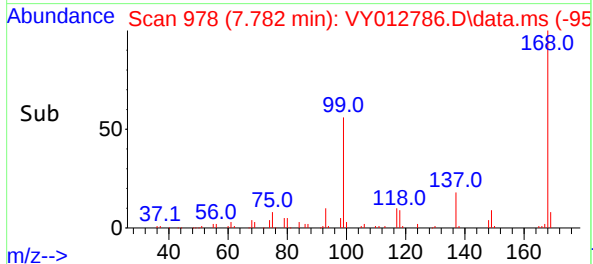
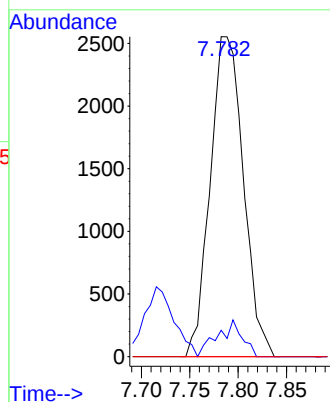
Tgt Ion: 75 Resp: 6099

Ion Ratio Lower Upper

75 100

110 8.5 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.387 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

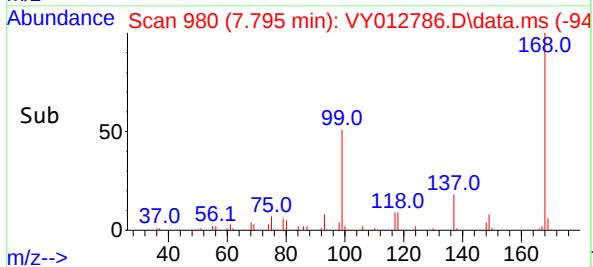
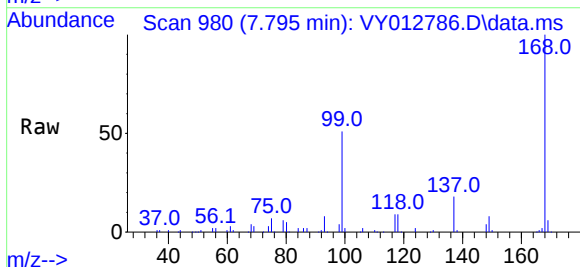
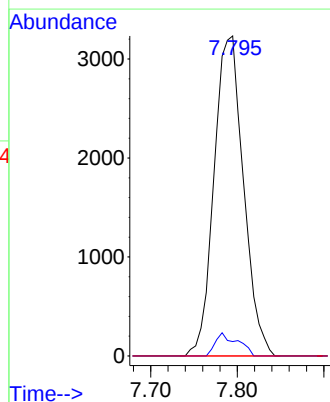
Tgt Ion: 117 Resp: 7634

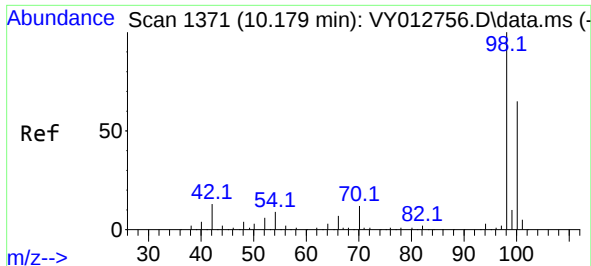
Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

121 0.0 24.7 37.1#

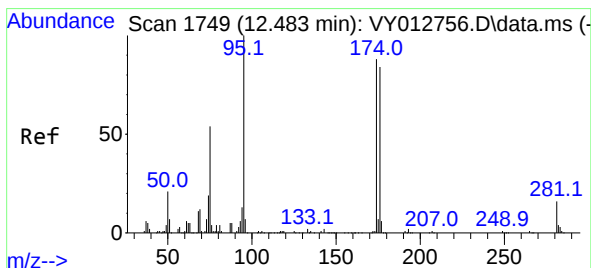
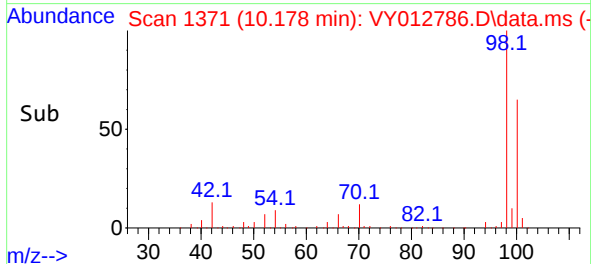
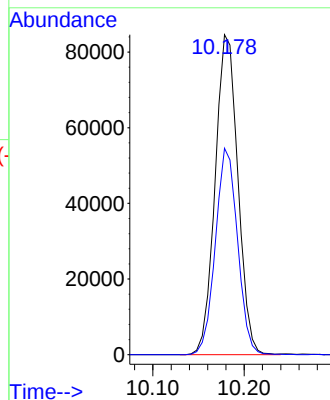
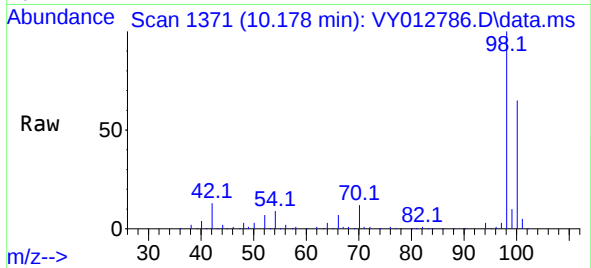




#50
Toluene-d8
Concen: 48.966 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

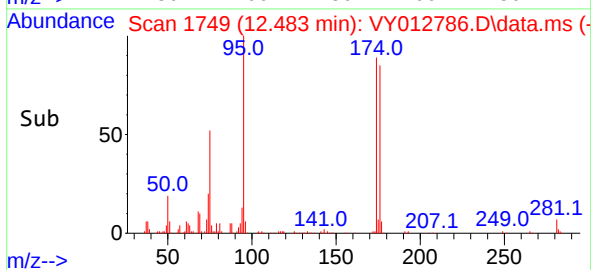
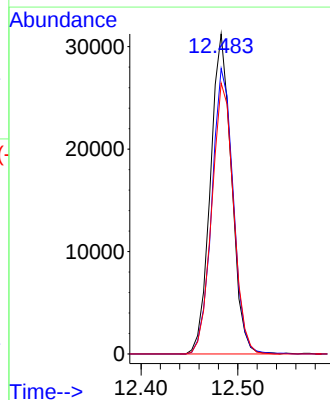
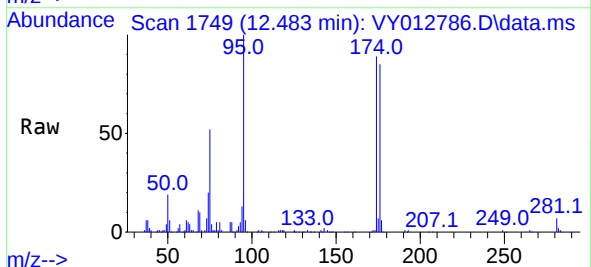
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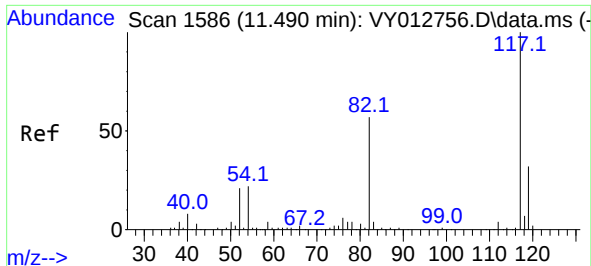
Tgt Ion: 98 Resp: 146582
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Tgt Ion: 95 Resp: 47372
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 87.0 0.0 170.2

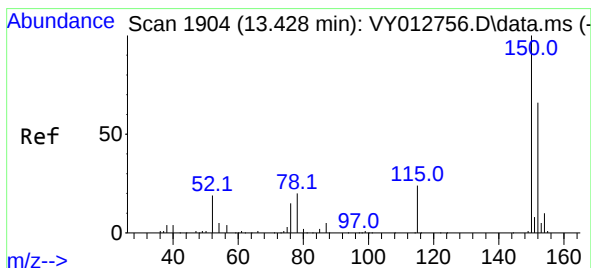
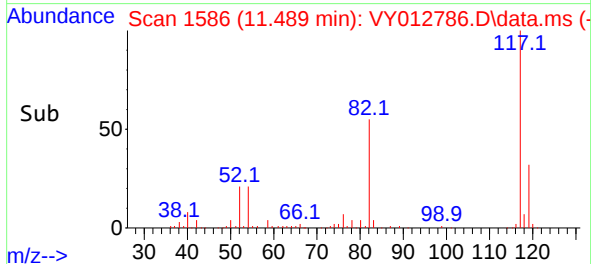
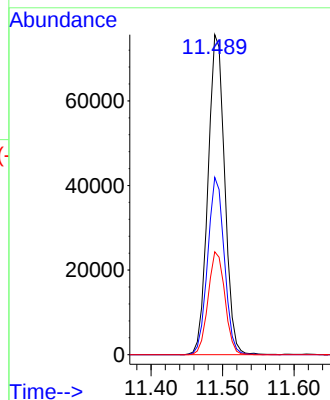
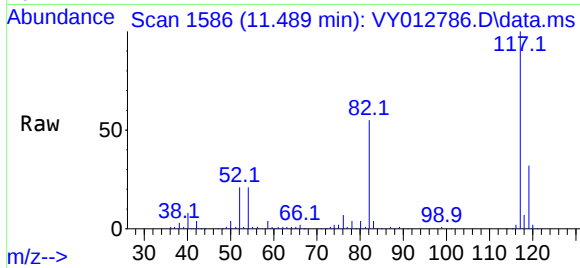




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

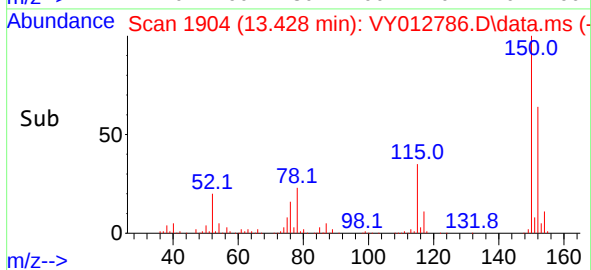
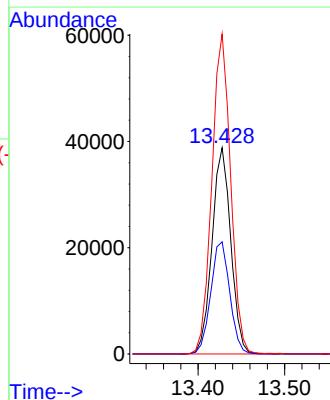
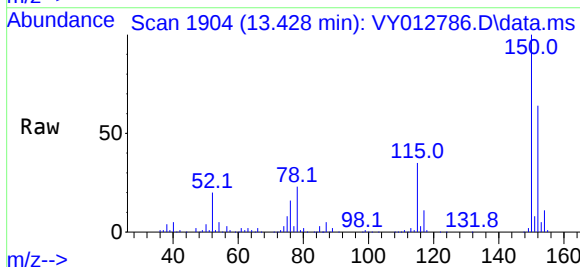
Instrument :
MSVOA_Y
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VY0303SBL01

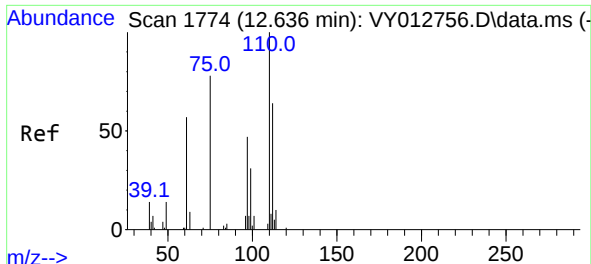
Tgt Ion:117 Resp: 122887
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Tgt Ion:152 Resp: 58413
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 155.4 0.0 347.8

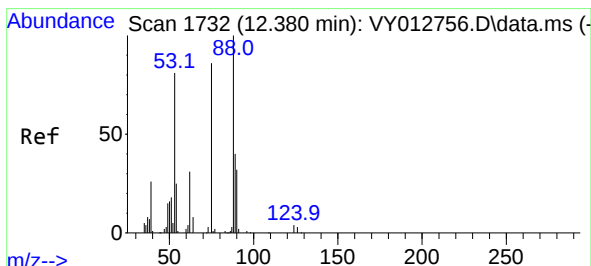
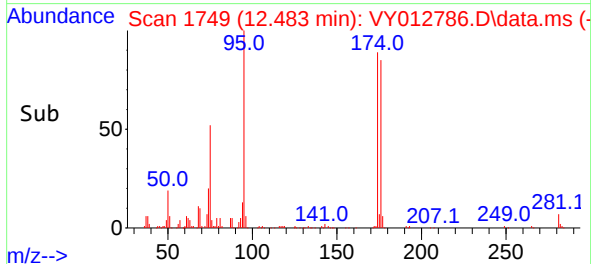
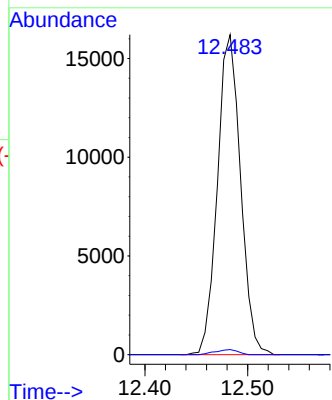
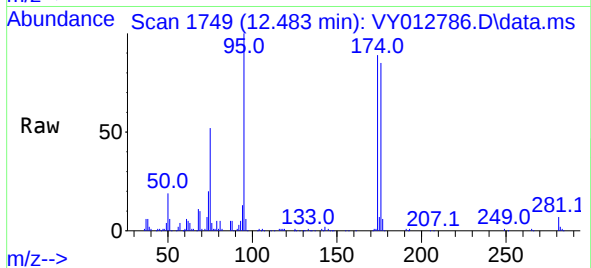




#76
1,2,3-Trichloropropane
Concen: 36.226 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

Tgt Ion: 75 Resp: 25269
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.061 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Tgt Ion: 75 Resp: 25269
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#

