

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019897.D
 Acq On : 15 Oct 2024 11:16
 Operator : SY/MD
 Sample : VY1015SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 16 02:45:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

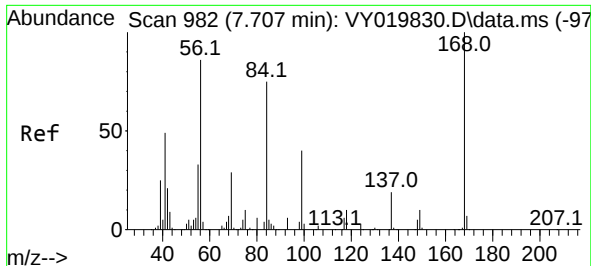
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	278752	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	563076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	499920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	188017	54.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.560%	
35) Dibromofluoromethane	7.640	113	185330	49.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.760%	
50) Toluene-d8	10.109	98	683302	49.798	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.408	95	205261	41.400	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.800%	
Target Compounds						
						Qvalue
16) Acetone	3.885	43	1920	2.149	ug/l	# 77
25) 2-Butanone	6.908	43	2001	1.673	ug/l	# 52
31) Cyclohexane	7.713	56	8260	1.440	ug/l	# 37
36) 1,1-Dichloropropene	7.713	75	26529	4.956	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	30747	5.358	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	117387	35.027	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	117387	141.384	ug/l	# 16

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

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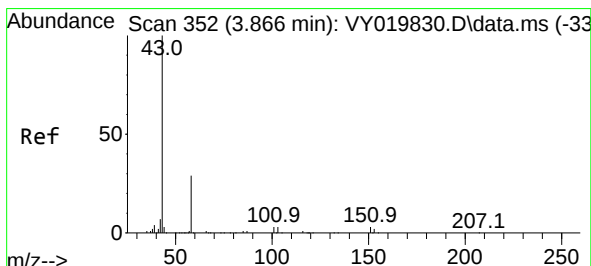
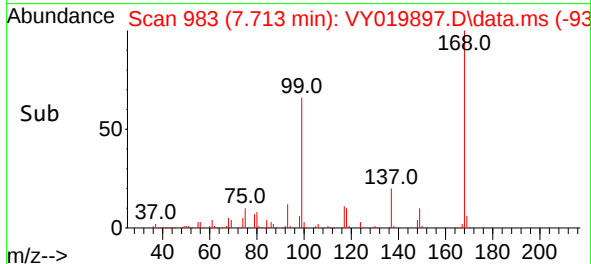
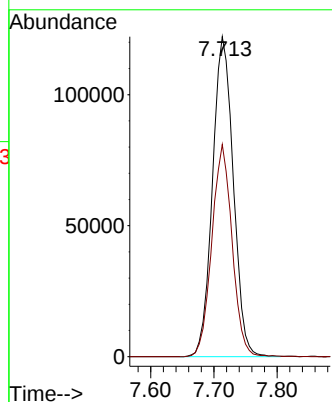
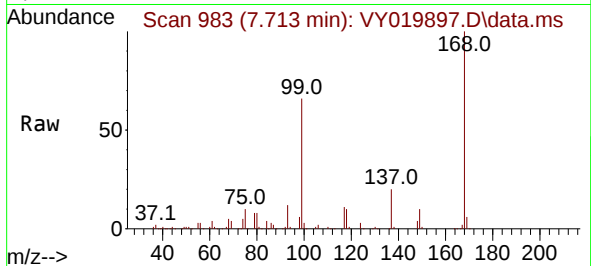




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

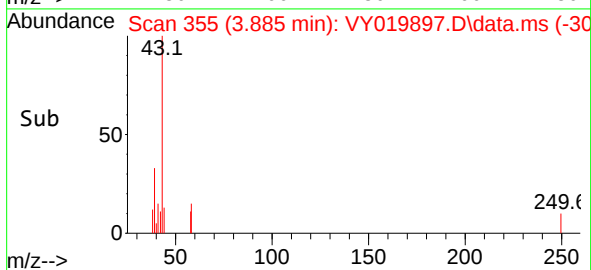
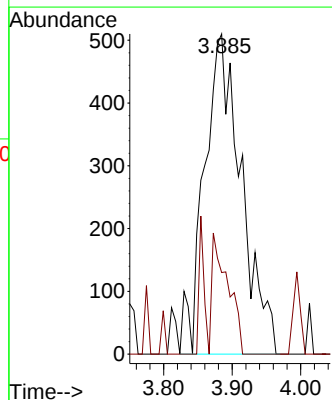
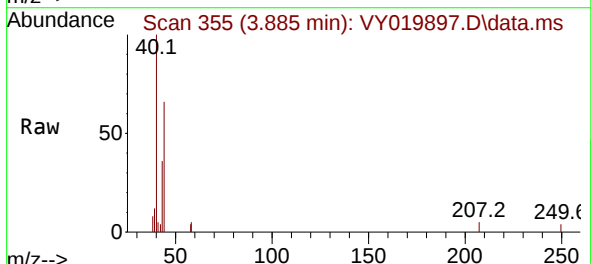
Instrument :
MSVOA_Y
ClientSampleId :

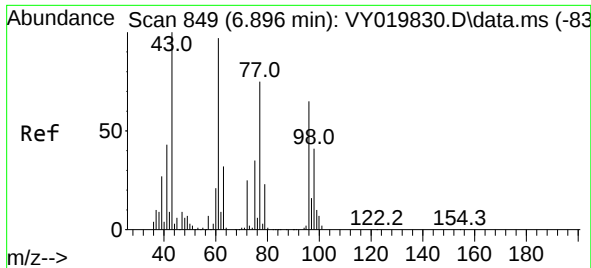
Tgt Ion:168 Resp: 278752
Ion Ratio Lower Upper
168 100
99 66.3 39.1 58.7#



#16
Acetone
Concen: 2.149 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 25.5 31.7 47.5#

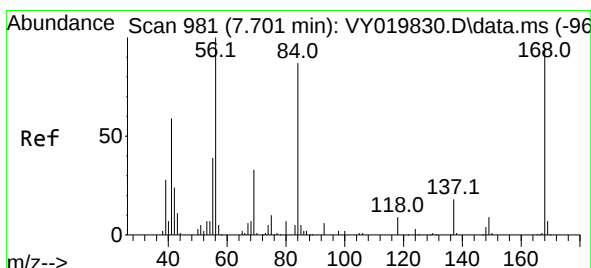
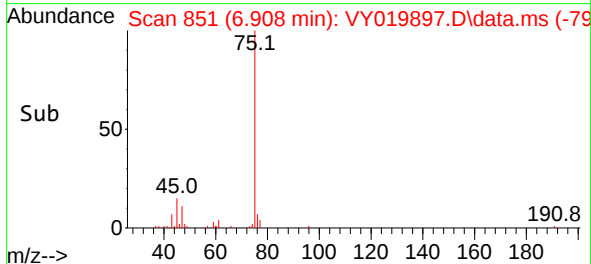
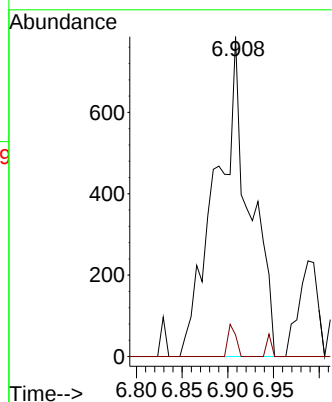
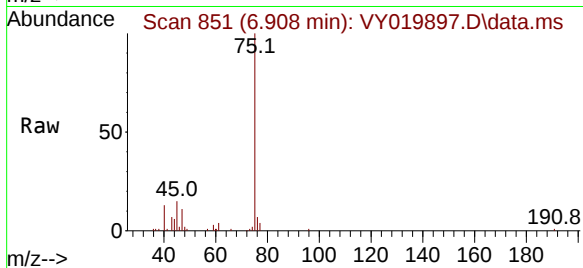




#25
2-Butanone
Concen: 1.673 ug/l
RT: 6.908 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

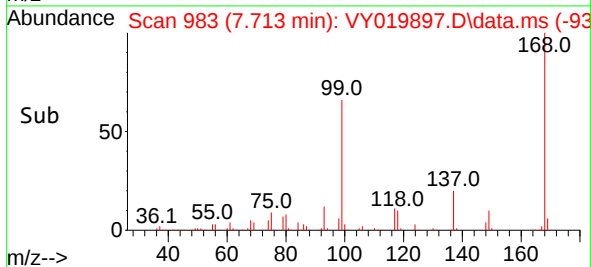
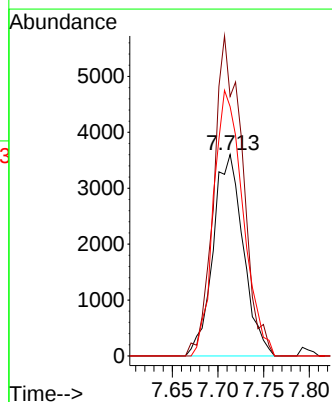
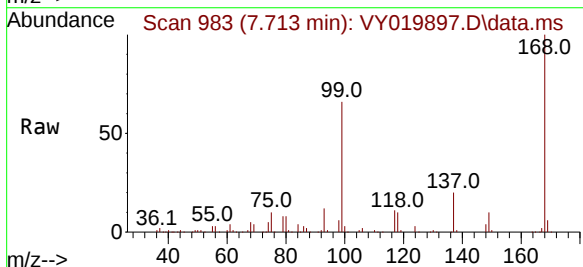
Instrument :
MSVOA_Y
ClientSampleId :

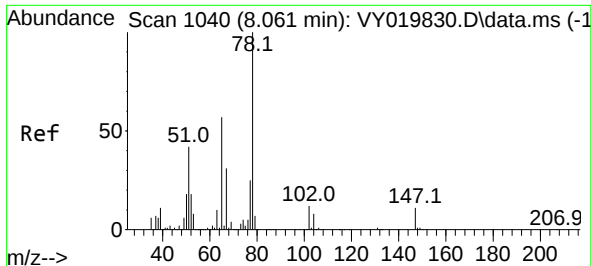
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
72 6.7 27.3 40.9#



#31
Cyclohexane
Concen: 1.440 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

Tgt Ion: 56 Resp: 8260
Ion Ratio Lower Upper
56 100
69 128.8 28.7 43.1#
84 123.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.779 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019897.D

Acq: 15 Oct 2024 11:16

Instrument :

MSVOA_Y

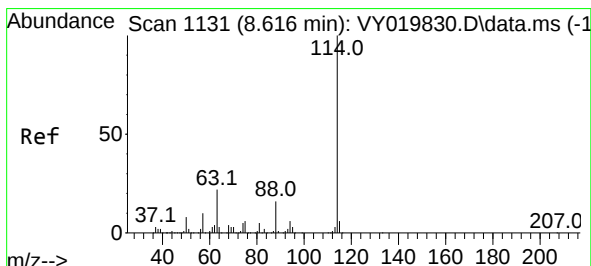
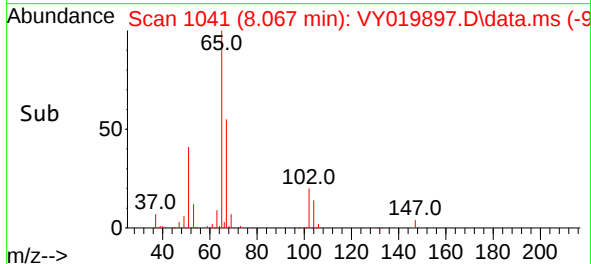
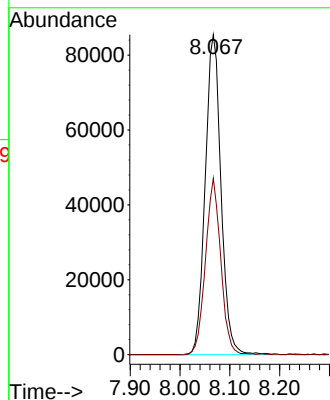
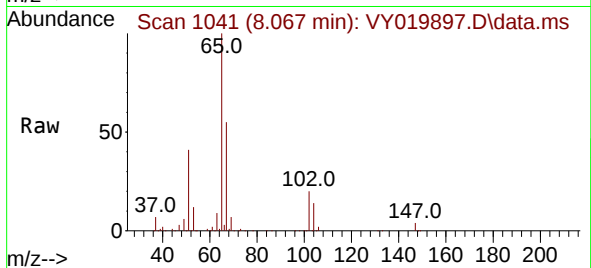
ClientSampleId :

Tgt Ion: 65 Resp: 188017

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY019897.D

Acq: 15 Oct 2024 11:16

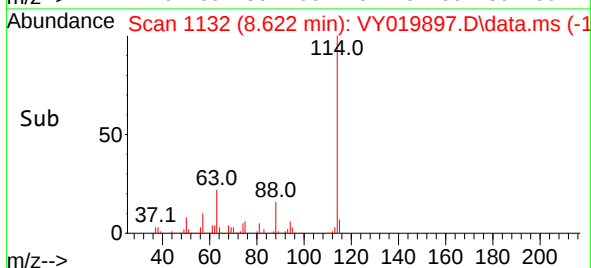
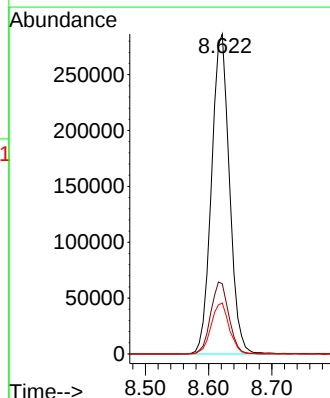
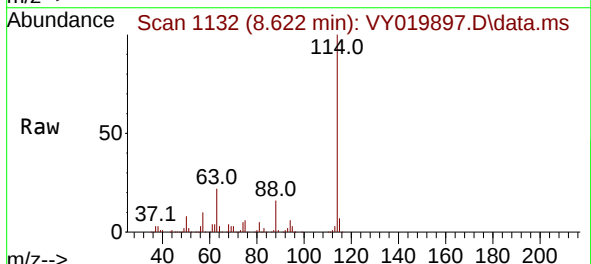
Tgt Ion: 114 Resp: 563076

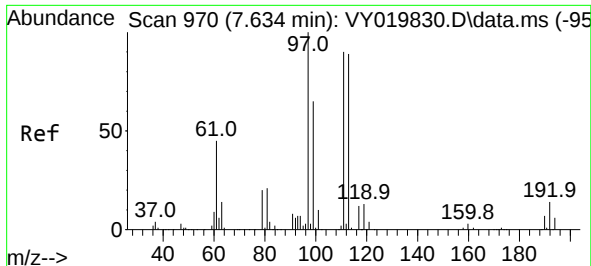
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

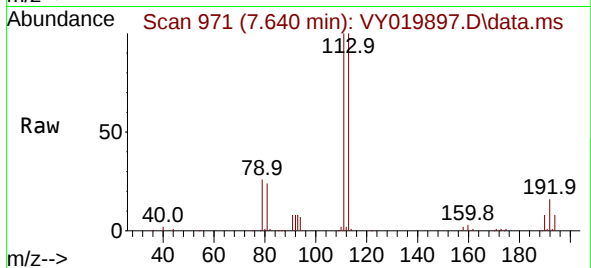
88 15.9 0.0 27.2



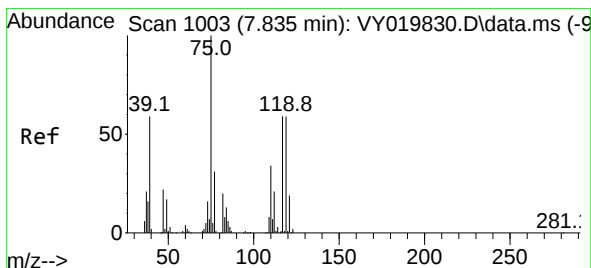
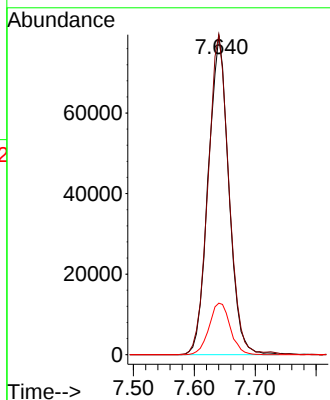
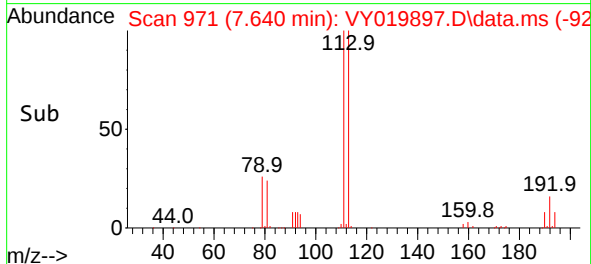


#35
Dibromofluoromethane
Concen: 49.878 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

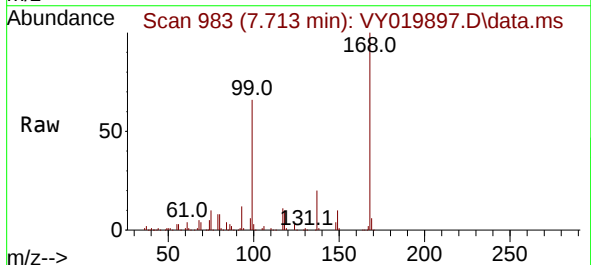
Instrument :
MSVOA_Y
ClientSampleId :



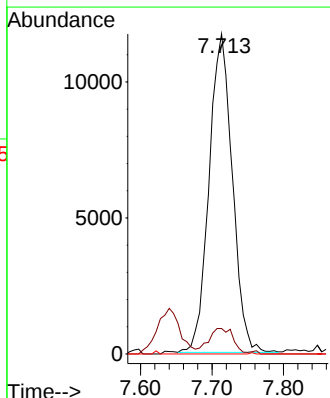
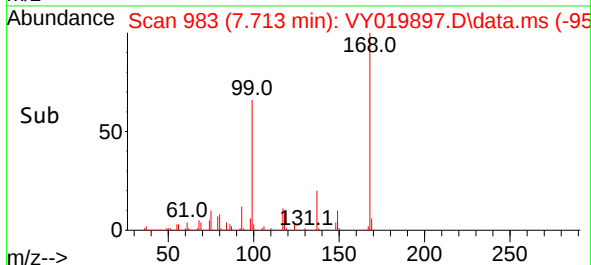
Tgt Ion:113 Resp: 185330
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 16.6 15.9 23.9

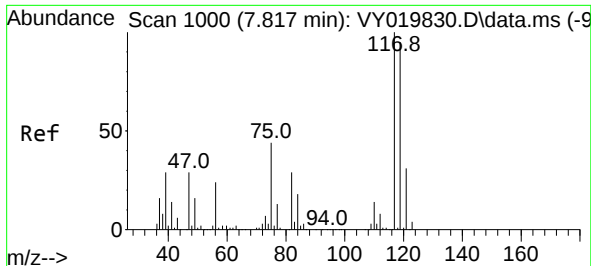


#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16



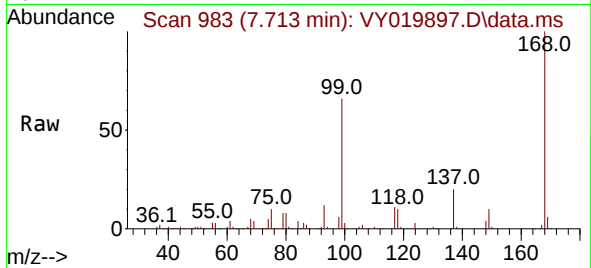
Tgt Ion: 75 Resp: 26529
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



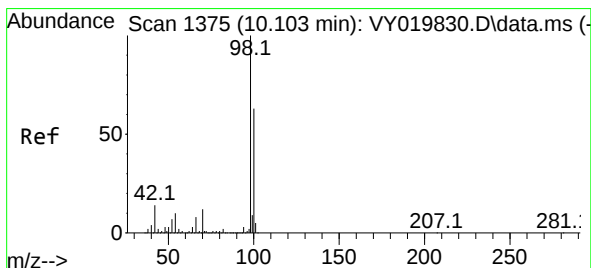
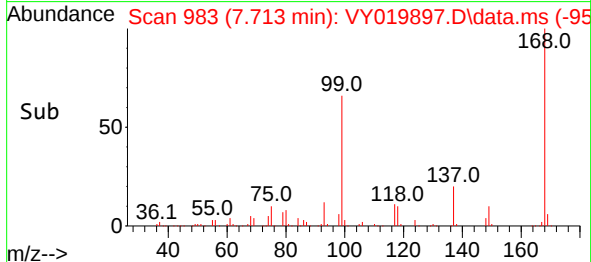
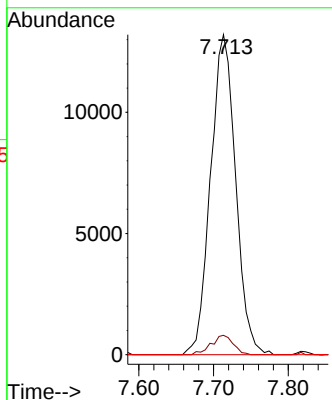


#38
Carbon Tetrachloride
Concen: 5.358 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

Instrument :
MSVOA_Y
ClientSampleId :

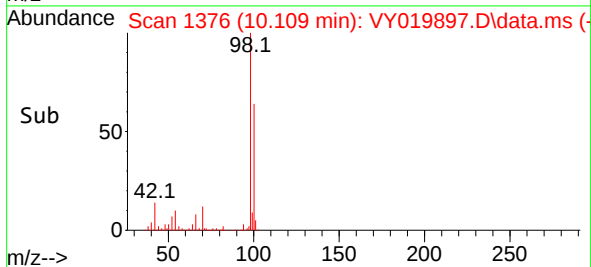
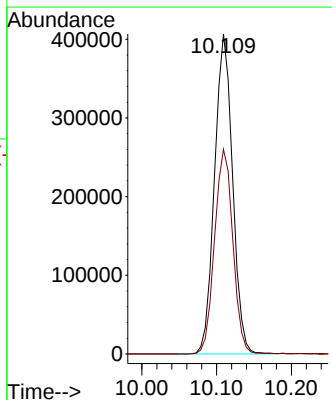
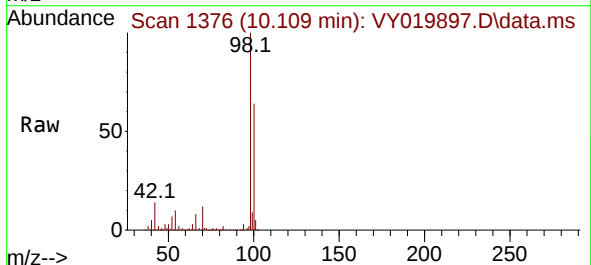


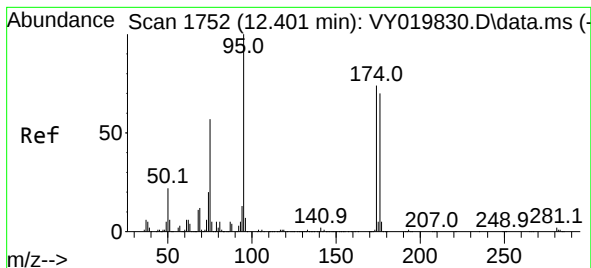
Tgt Ion:117 Resp: 30747
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.798 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

Tgt Ion: 98 Resp: 683302
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 41.400 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019897.D

Acq: 15 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

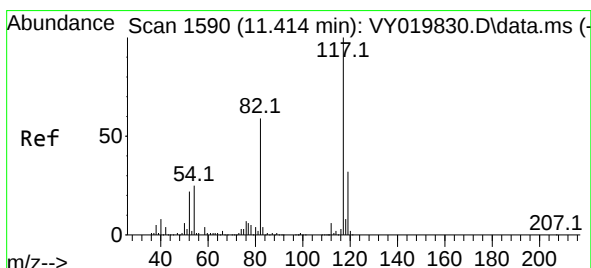
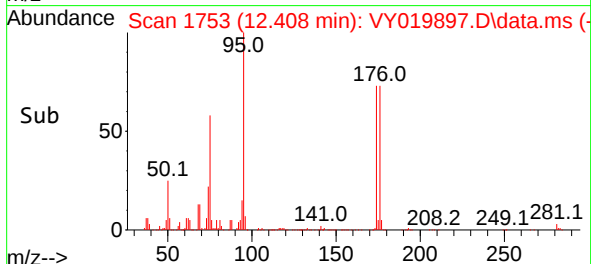
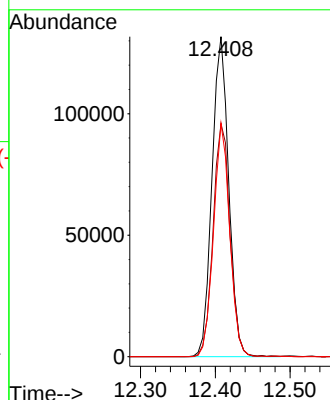
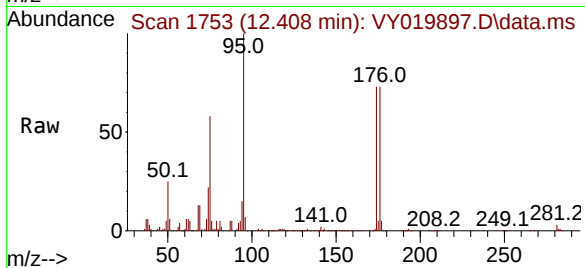
Tgt Ion: 95 Resp: 205261

Ion Ratio Lower Upper

95 100

174 73.8 0.0 175.6

176 70.6 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY019897.D

Acq: 15 Oct 2024 11:16

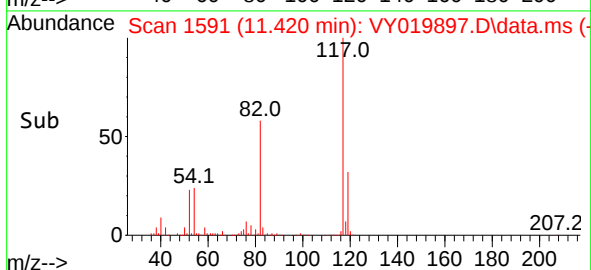
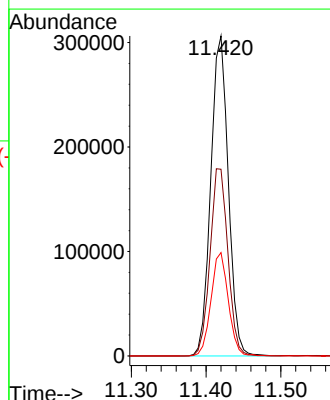
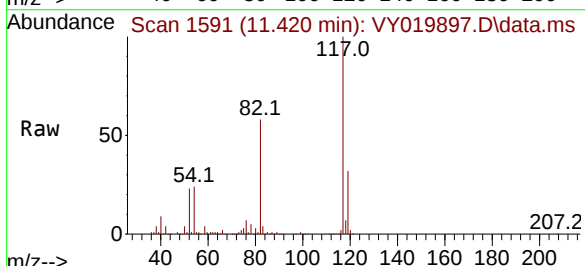
Tgt Ion: 117 Resp: 499920

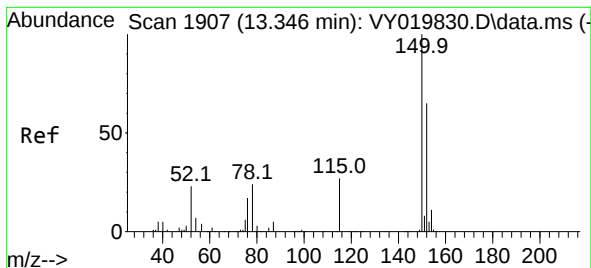
Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

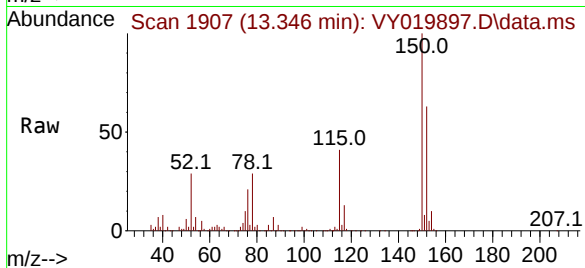
Lab File: VY019897.D

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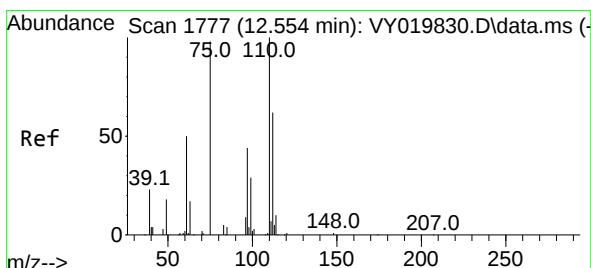
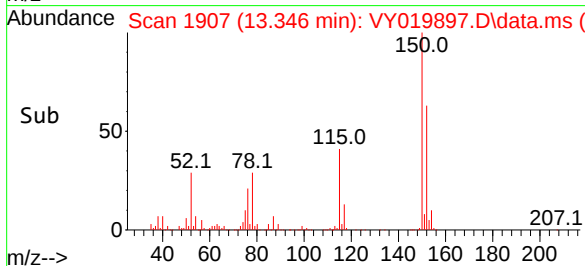
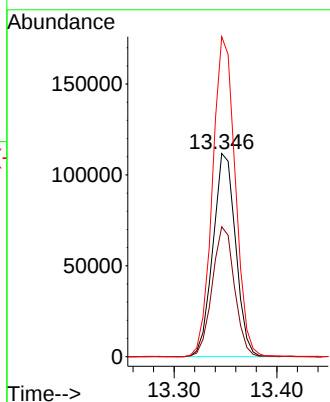
Tgt Ion:152 Resp: 171072

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 158.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 35.027 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019897.D

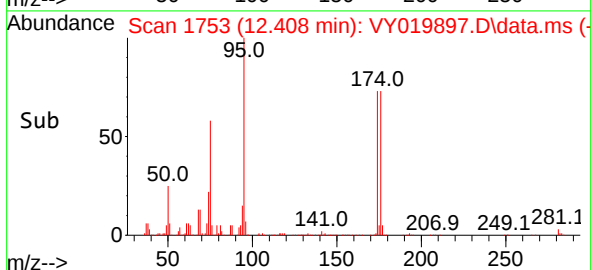
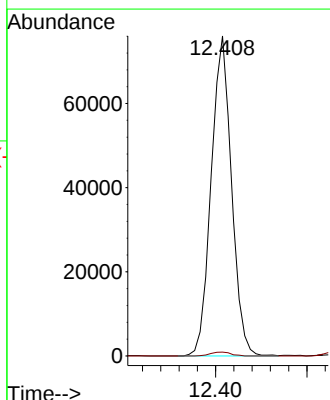
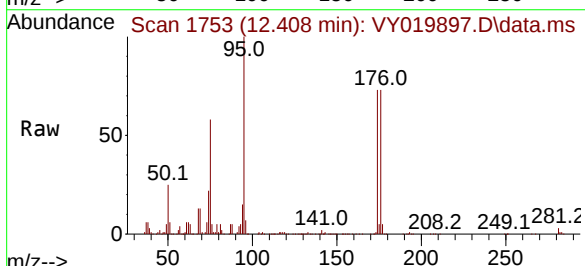
Acq: 15 Oct 2024 11:16

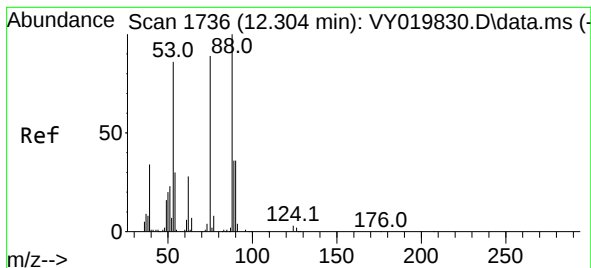
Tgt Ion: 75 Resp: 117387

Ion Ratio Lower Upper

75 100

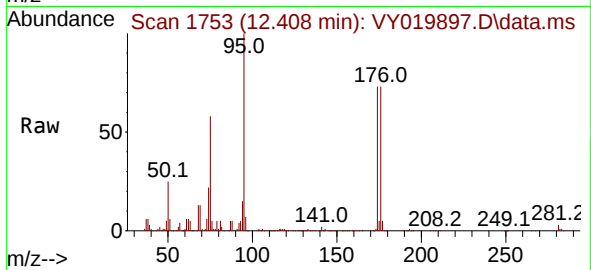
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 141.384 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 117387
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

