

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019825.D
 Acq On : 08 Oct 2024 17:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

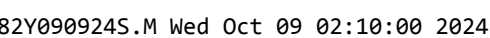
Quant Time: Oct 09 02:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

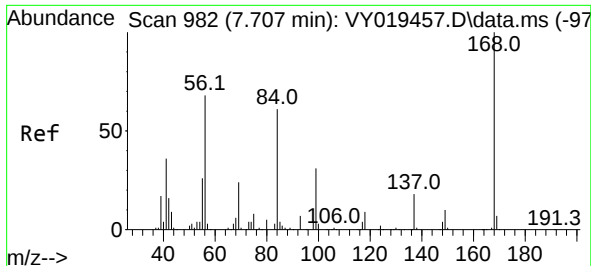
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	145528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	257669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	203255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	67245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	74575	55.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.680%	
35) Dibromofluoromethane	7.634	113	75848	51.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.840%	
50) Toluene-d8	10.109	98	301777	55.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.700%	
62) 4-Bromofluorobenzene	12.408	95	81799	39.369	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	131	1.204	ug/l	# 88
16) Acetone	3.860	43	726	2.261	ug/l	# 36
31) Cyclohexane	7.713	56	4058	1.683	ug/l	# 33
36) 1,1-Dichloropropene	7.713	75	13082	6.581	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	16101	7.182	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.109	43	1649	1.532	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	45932	72.875	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	45932	139.900	ug/l	# 16

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

Quant Time: Oct 09 02:09:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
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QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

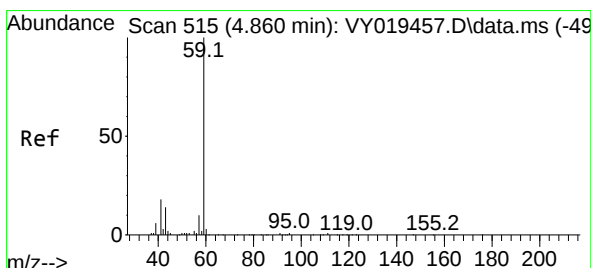
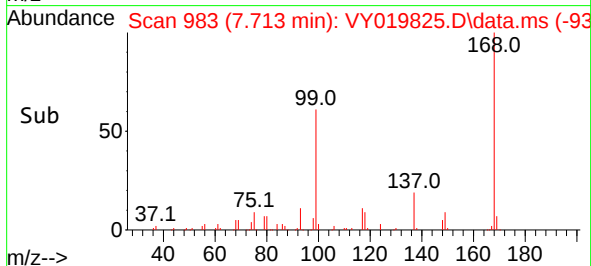
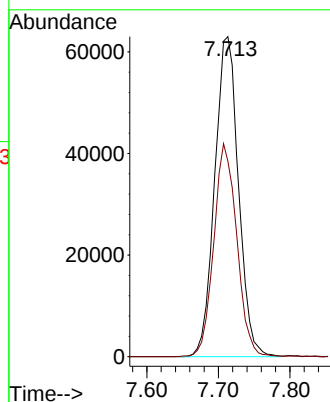
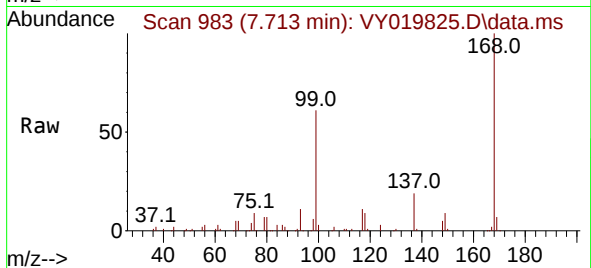




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

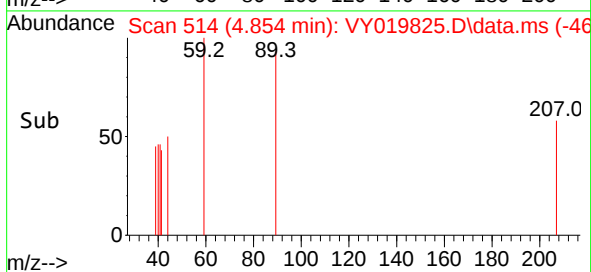
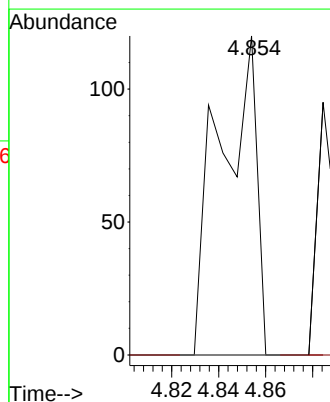
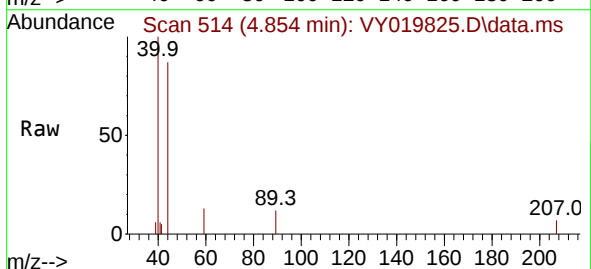
Instrument :
MSVOA_Y
ClientSampleId :

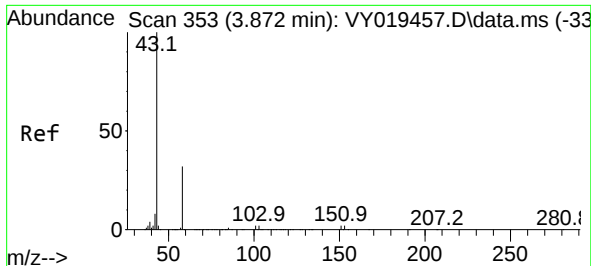
Tgt Ion:168 Resp: 145528
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.204 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

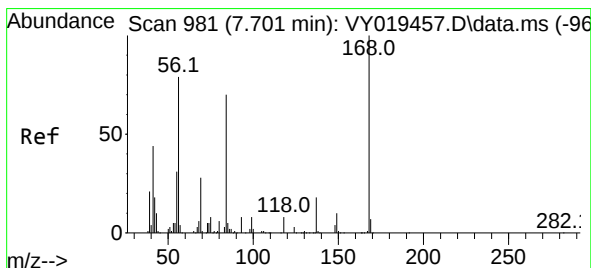
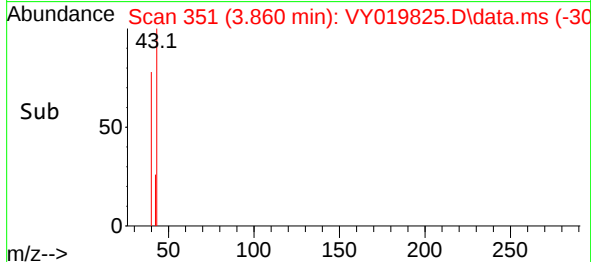
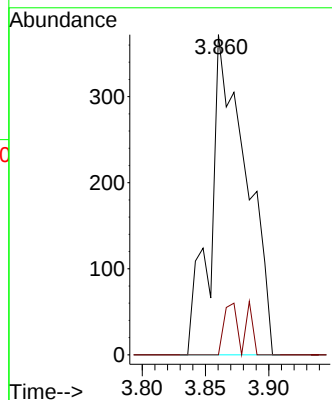
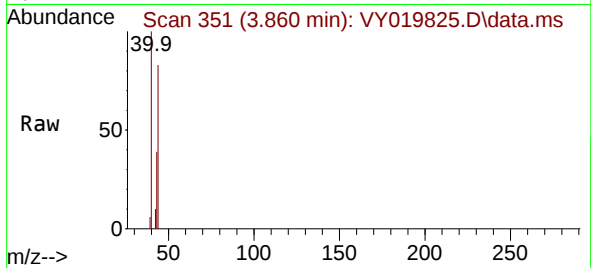




#16
Acetone
Concen: 2.261 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

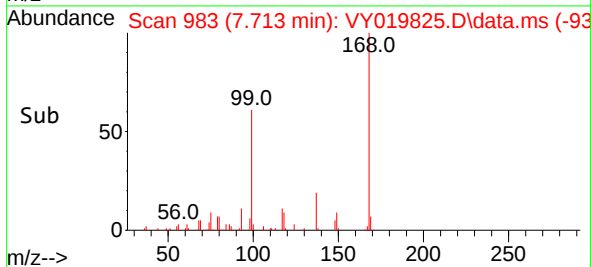
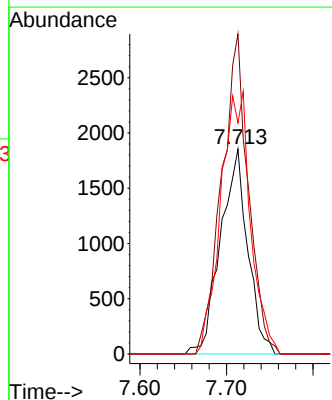
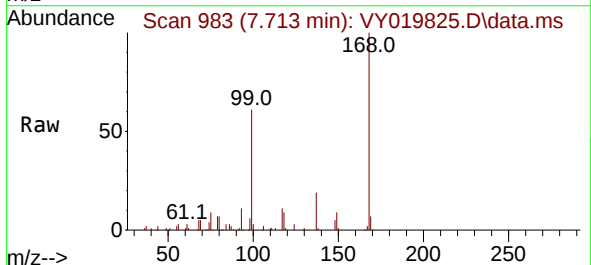
Instrument :
MSVOA_Y
ClientSampleId :

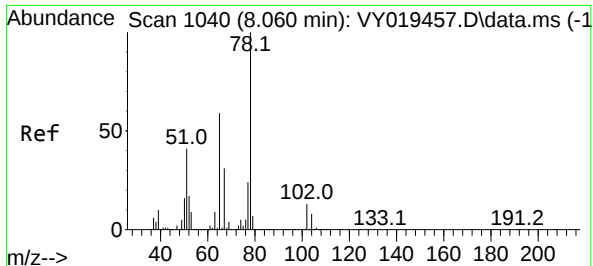
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.683 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

Tgt Ion: 56 Resp: 4058
Ion Ratio Lower Upper
56 100
69 156.3 28.7 43.1#
84 112.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.341 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019825.D

Acq: 08 Oct 2024 17:07

Instrument :

MSVOA_Y

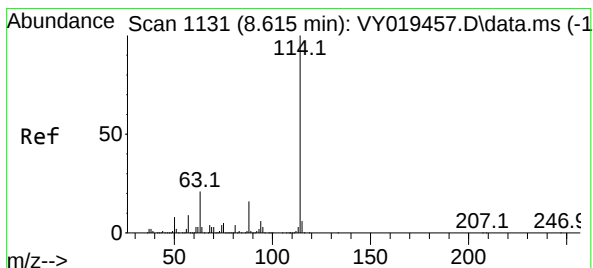
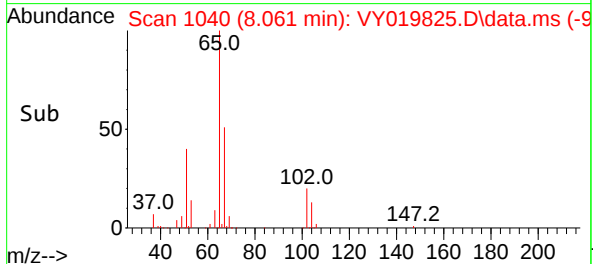
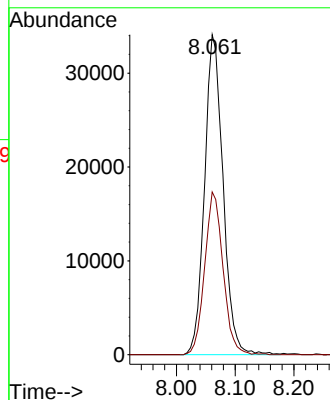
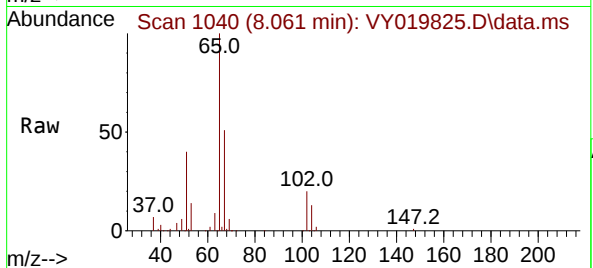
ClientSampleId :

Tgt Ion: 65 Resp: 74575

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019825.D

Acq: 08 Oct 2024 17:07

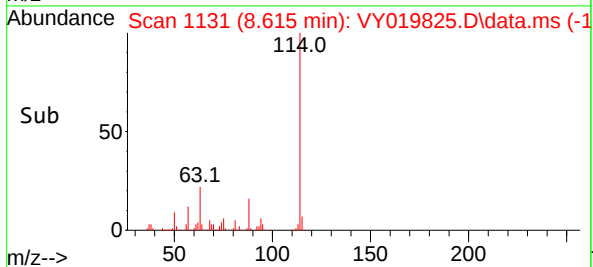
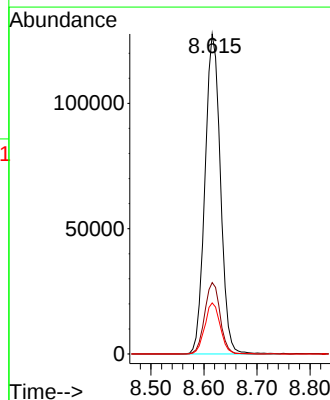
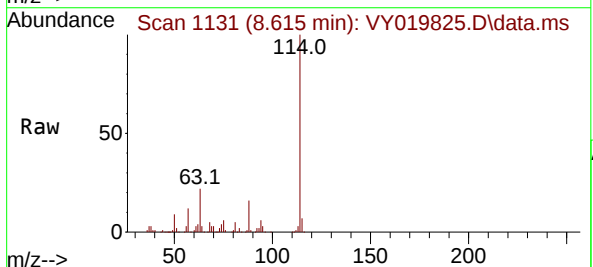
Tgt Ion: 114 Resp: 257669

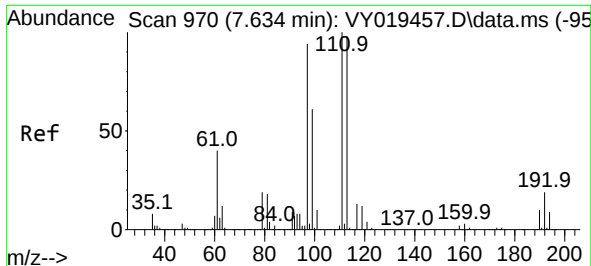
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

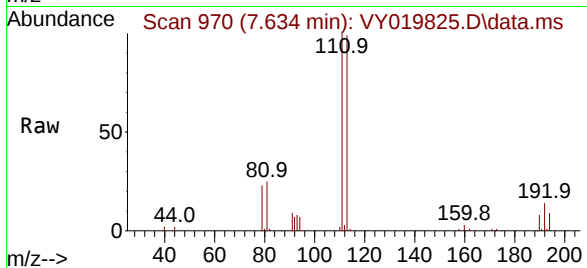
88 15.9 0.0 27.2



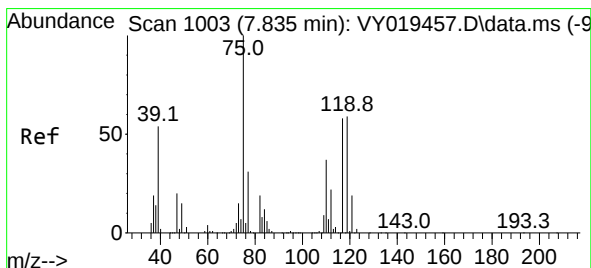
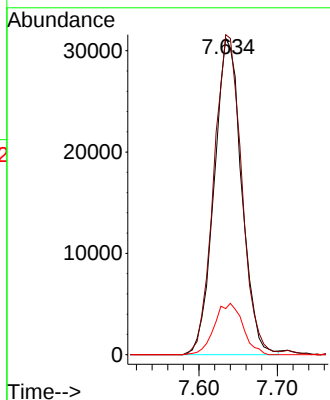
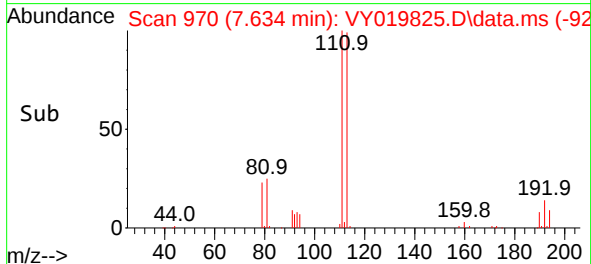


#35
Dibromofluoromethane
Concen: 51.917 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

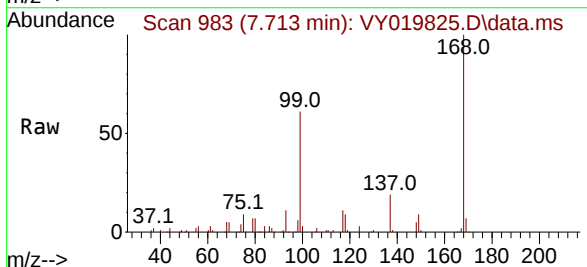
Instrument :
MSVOA_Y
ClientSampleId :



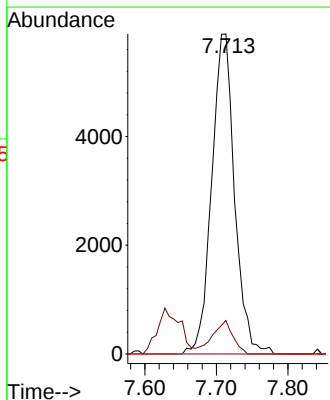
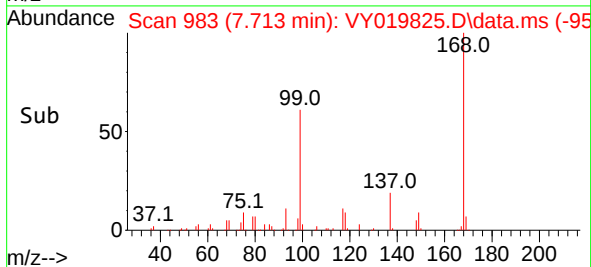
Tgt Ion:113 Resp: 75848
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.9 15.9 23.9

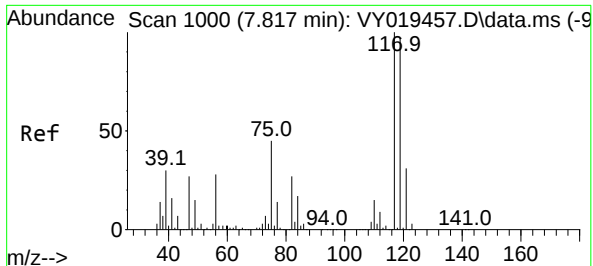


#36
1,1-Dichloropropene
Concen: 6.581 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07



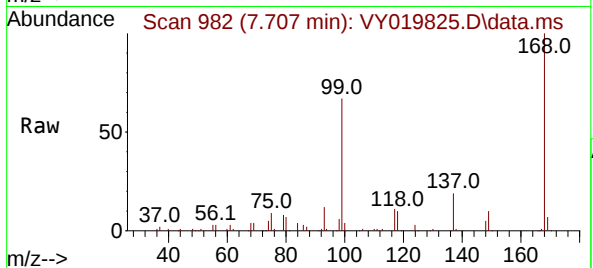
Tgt Ion: 75 Resp: 13082
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#



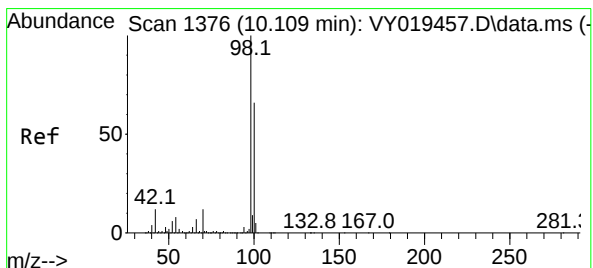
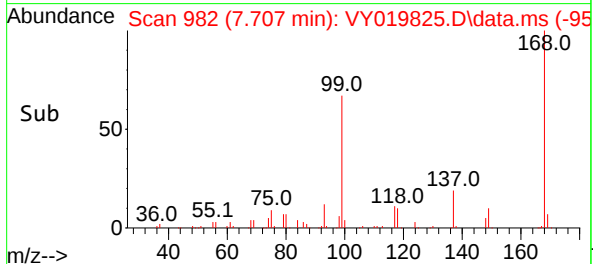
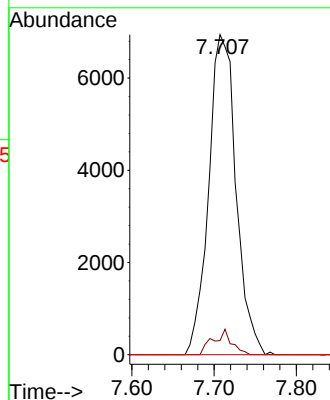


#38
Carbon Tetrachloride
Concen: 7.182 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

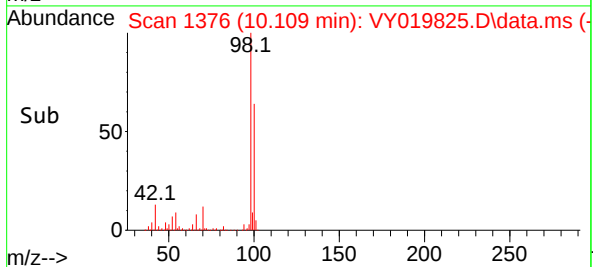
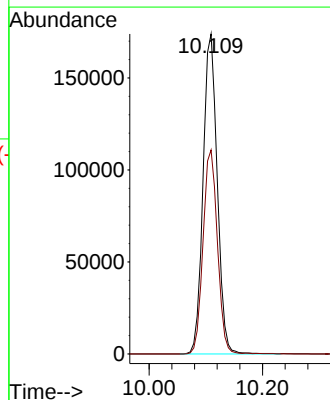
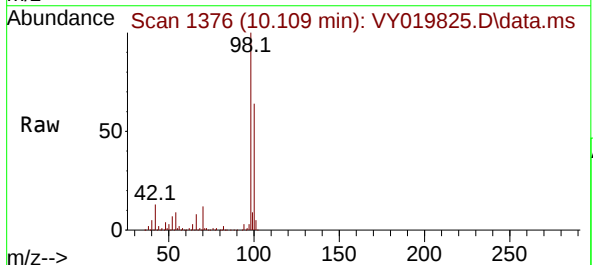


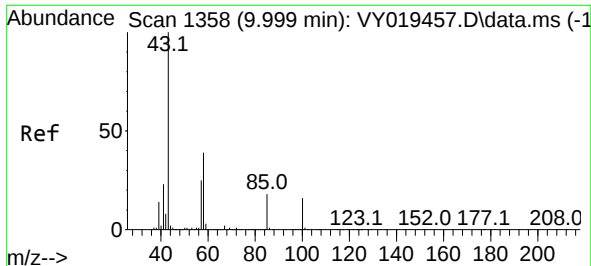
Tgt Ion:117 Resp: 16101
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 55.847 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

Tgt Ion: 98 Resp: 301777
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

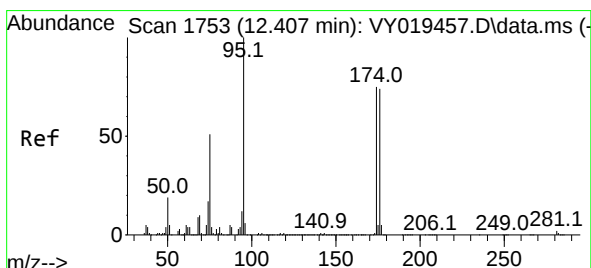
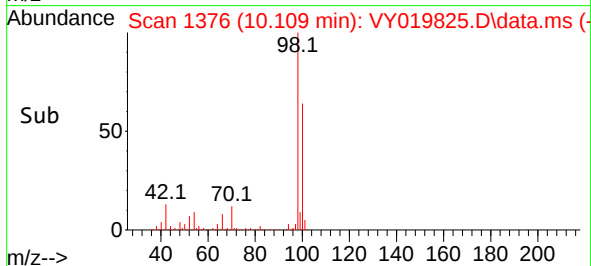
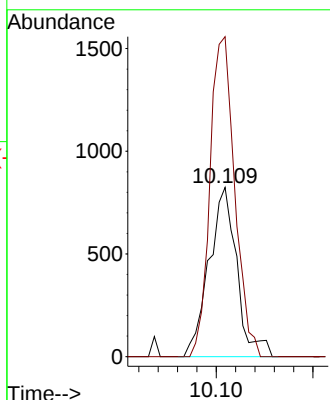
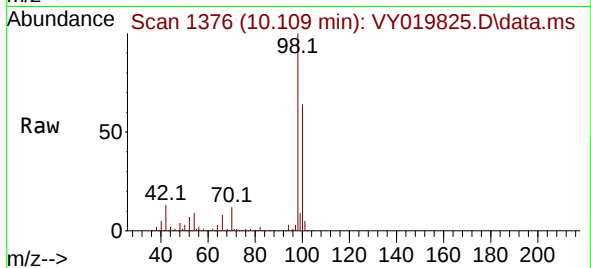




#51
4-Methyl-2-Pentanone
Concen: 1.532 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

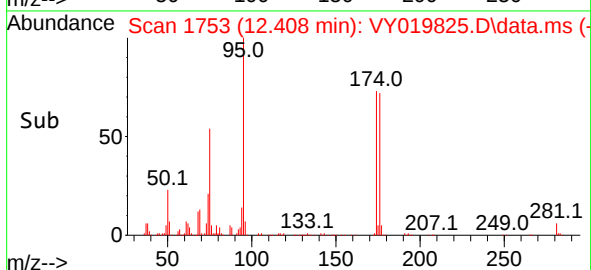
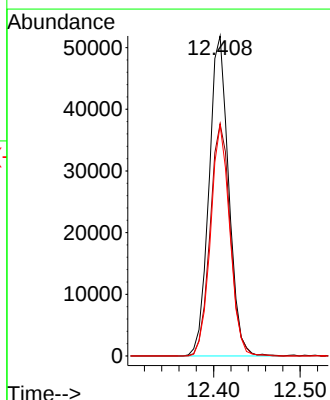
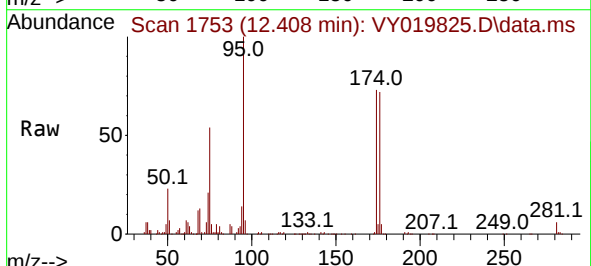
Instrument :
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ClientSampleId :

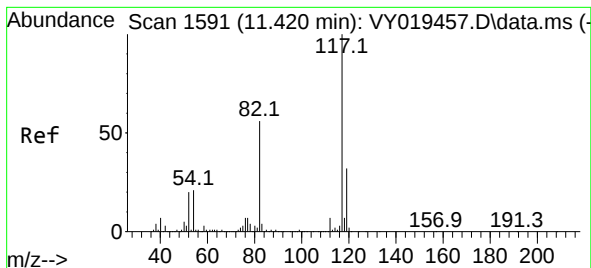
Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 168.0 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 39.369 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

Tgt Ion: 95 Resp: 81799
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 70.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019825.D

Acq: 08 Oct 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

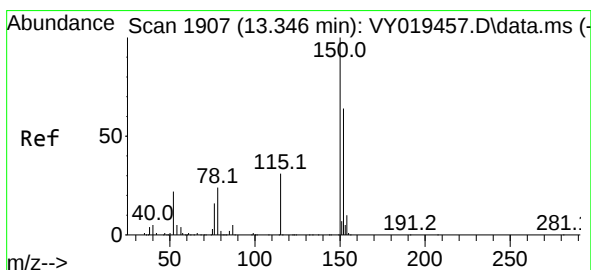
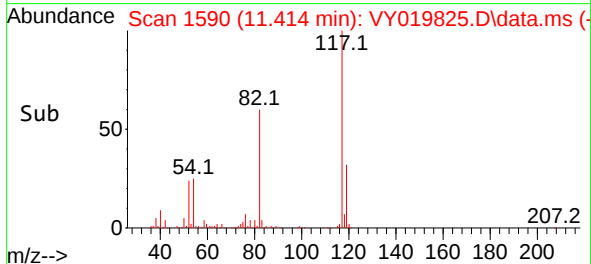
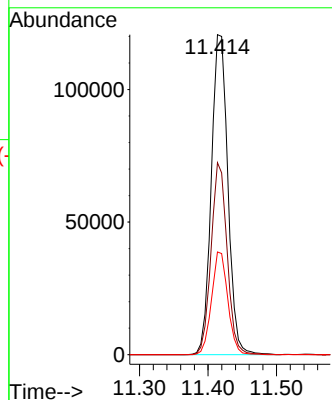
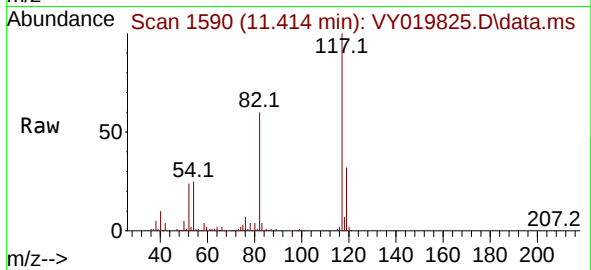
Tgt Ion:117 Resp: 203255

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 32.1 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: VY019825.D

Acq: 08 Oct 2024 17:07

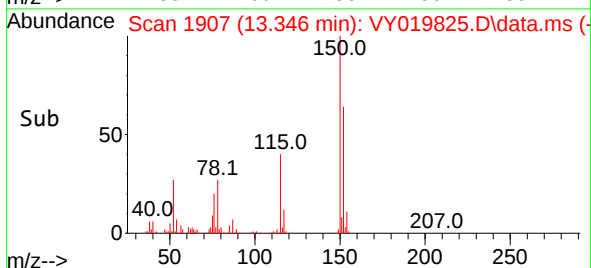
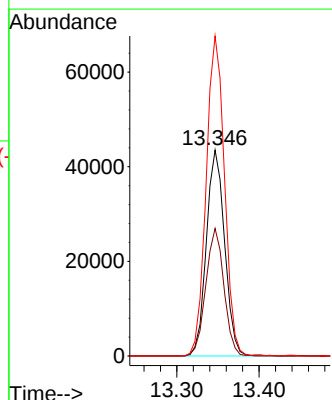
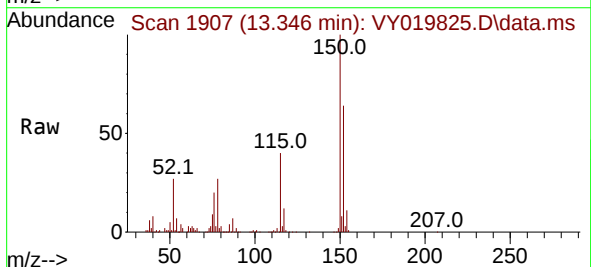
Tgt Ion:152 Resp: 67245

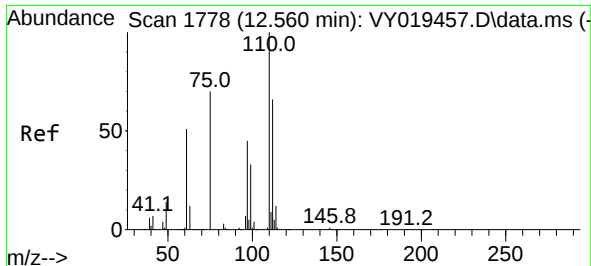
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 155.5 0.0 345.6

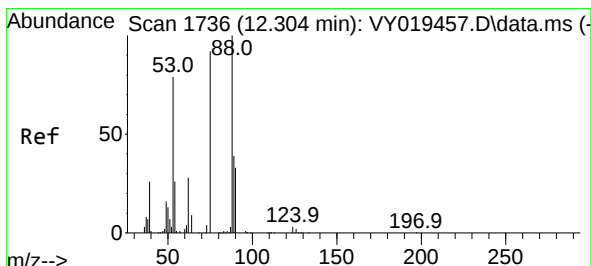
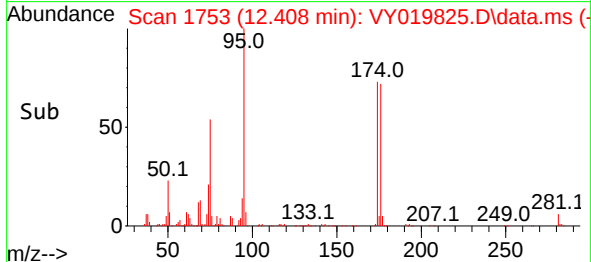
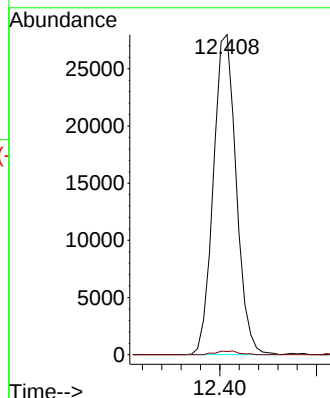
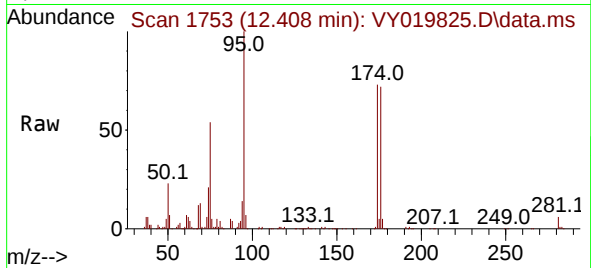




#76
1,2,3-Trichloropropane
Concen: 72.875 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45932
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.900 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019825.D
Acq: 08 Oct 2024 17:07

Tgt Ion: 75 Resp: 45932
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

