

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019892.D
 Acq On : 14 Oct 2024 15:22
 Operator : SY/MD
 Sample : P4403-01
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:38:28 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

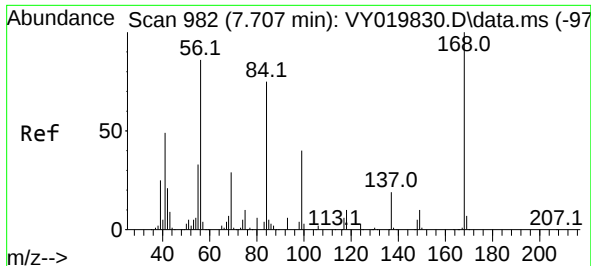
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	297149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	612839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	548156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	198699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	190268	52.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.000%	
35) Dibromofluoromethane	7.634	113	196503	48.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.180%	
50) Toluene-d8	10.109	98	744580	49.857	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.408	95	232289	43.047	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	425	1.240	ug/l	# 91
16) Acetone	3.891	43	1159	1.217	ug/l	96
31) Cyclohexane	7.707	56	8656	1.416	ug/l	# 50
36) 1,1-Dichloropropene	7.707	75	29163	5.005	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	33116	5.302	ug/l	# 17
76) 1,2,3-Trichloropropane	12.402	75	133626	34.329	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	133626	138.565	ug/l	# 16
95) Naphthalene	15.145	128	13726	2.062	ug/l	# 96

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

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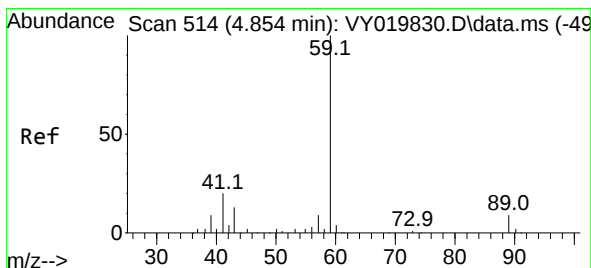
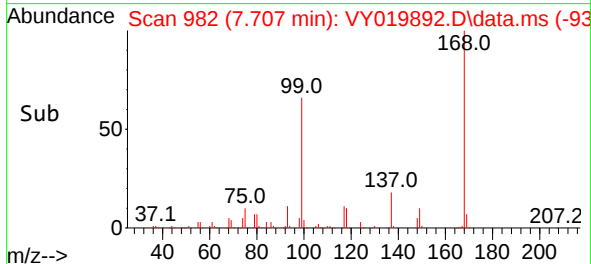
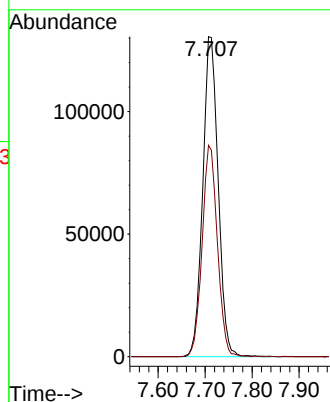
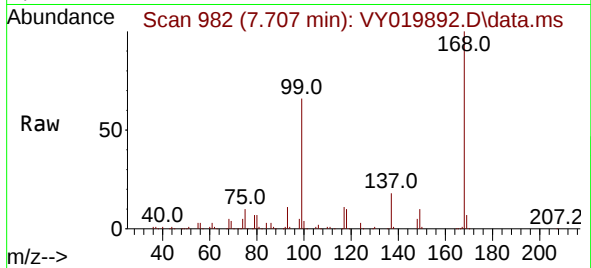




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

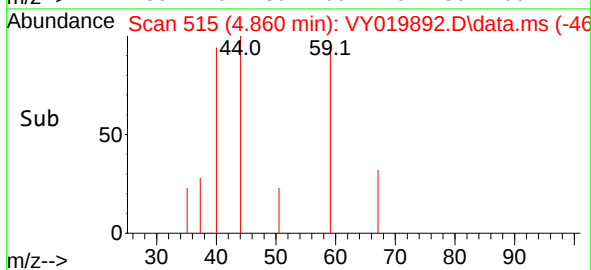
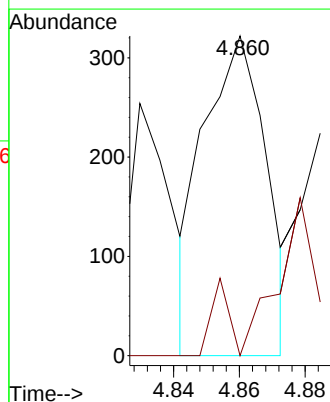
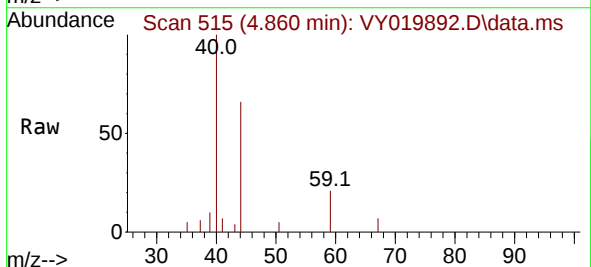
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 297149
Ion Ratio Lower Upper
168 100
99 66.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.240 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.6#

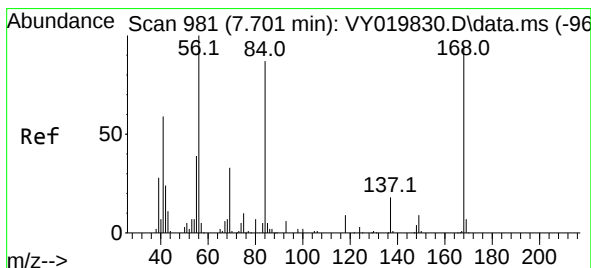
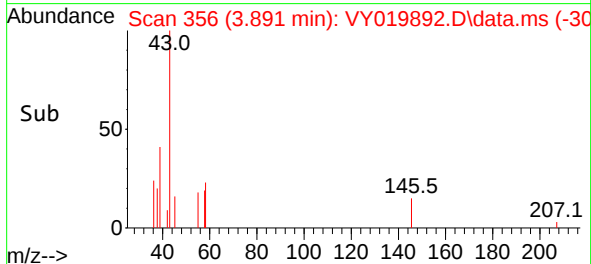
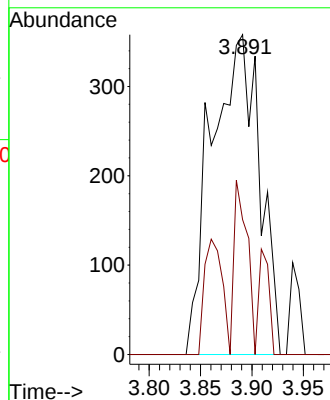
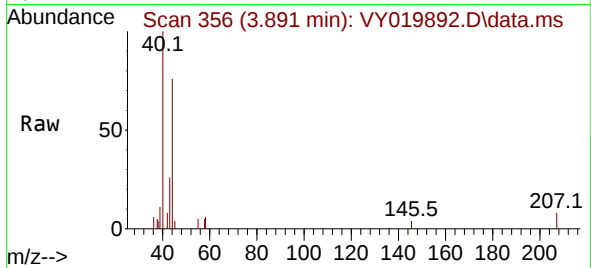




#16
Acetone
Concen: 1.217 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

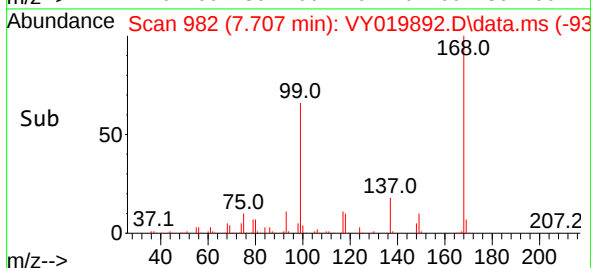
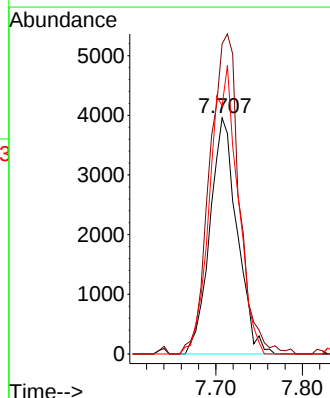
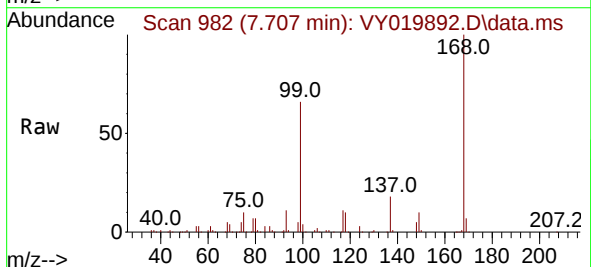
Instrument :
MSVOA_Y
ClientSampleId :

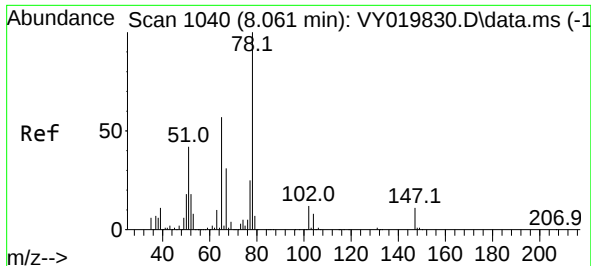
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 42.2 31.7 47.5



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Tgt Ion: 56 Resp: 8656
Ion Ratio Lower Upper
56 100
69 131.4 28.7 43.1#
84 105.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 52.003 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019892.D

Acq: 14 Oct 2024 15:22

Instrument :

MSVOA_Y

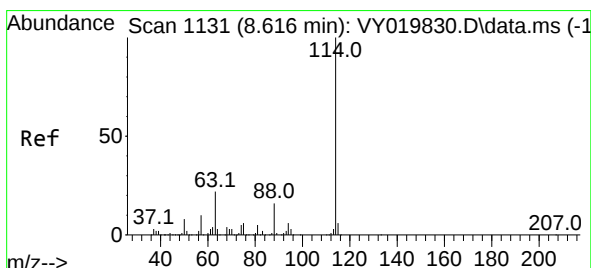
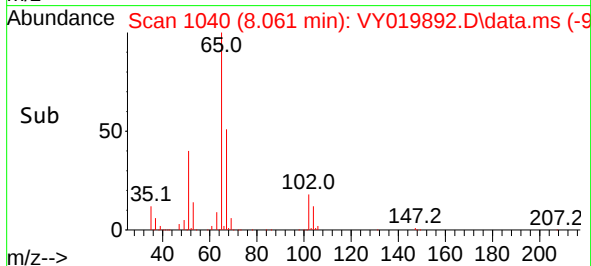
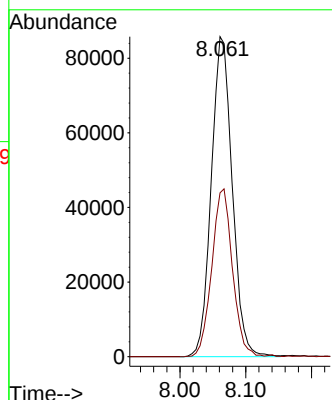
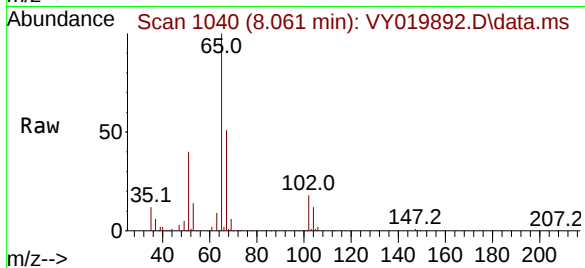
ClientSampleId :

Tgt Ion: 65 Resp: 190268

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019892.D

Acq: 14 Oct 2024 15:22

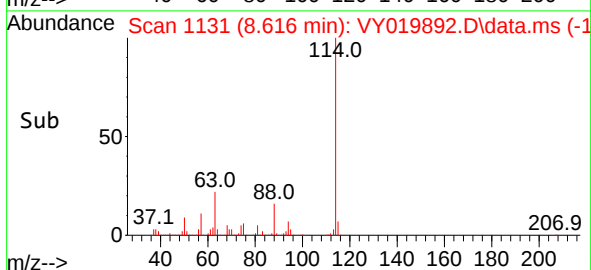
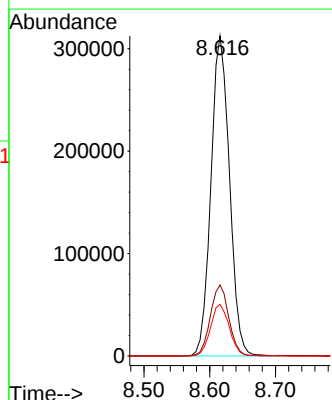
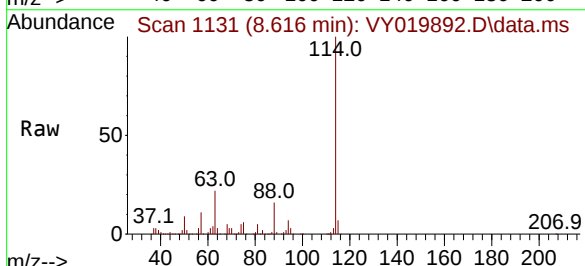
Tgt Ion: 114 Resp: 612839

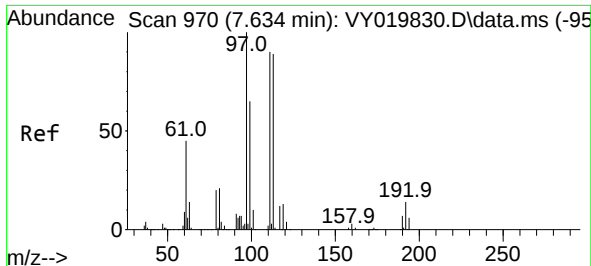
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

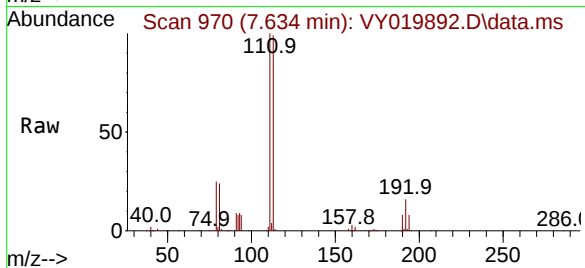
88 16.1 0.0 27.2



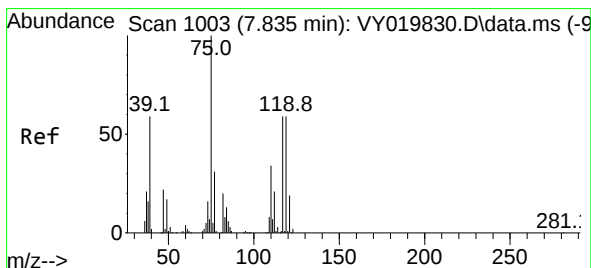
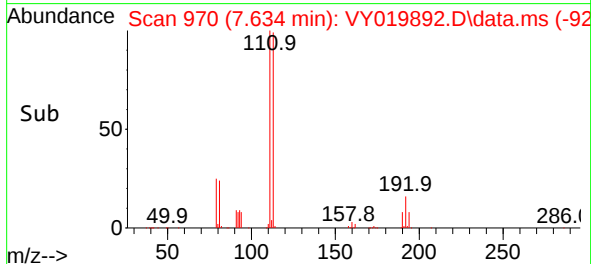
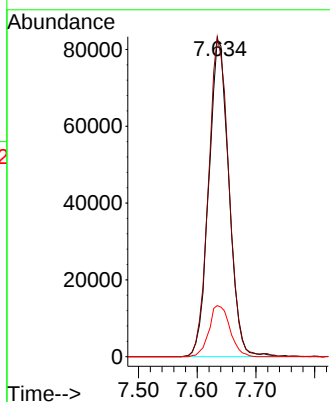


#35
Dibromofluoromethane
Concen: 48.590 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :

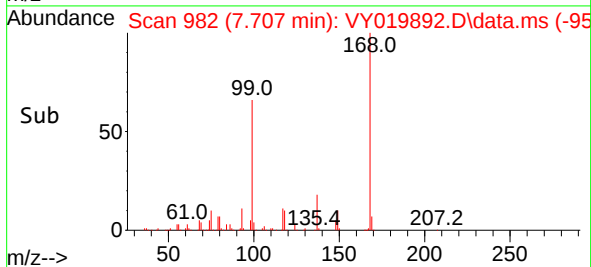
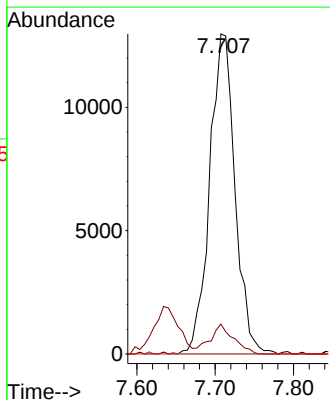
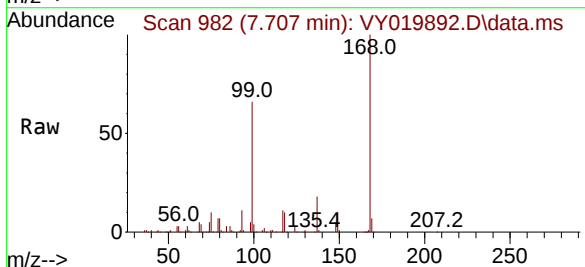


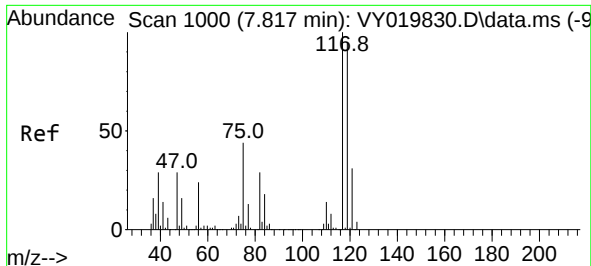
Tgt Ion:113 Resp: 196503
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

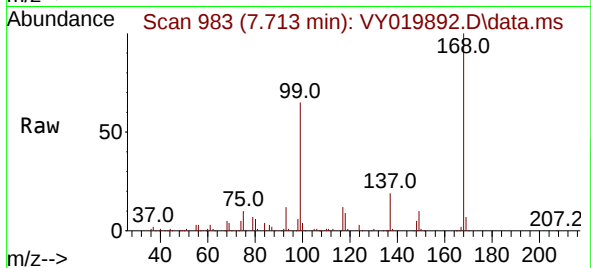
Tgt Ion: 75 Resp: 29163
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



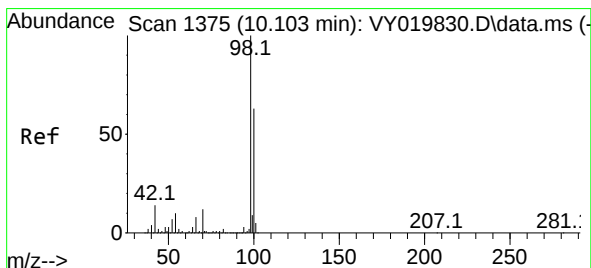
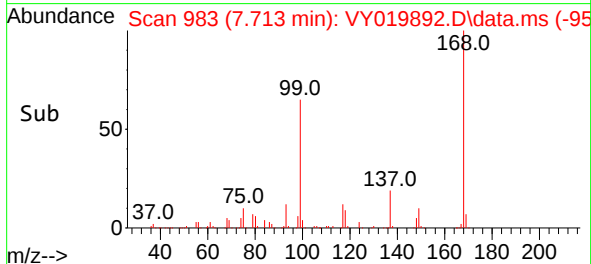
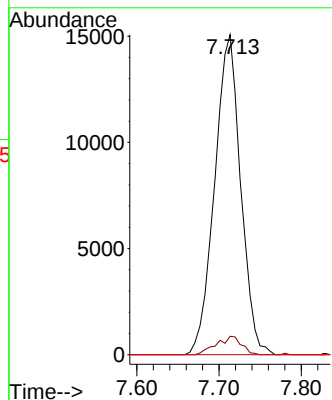


#38
Carbon Tetrachloride
Concen: 5.302 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :

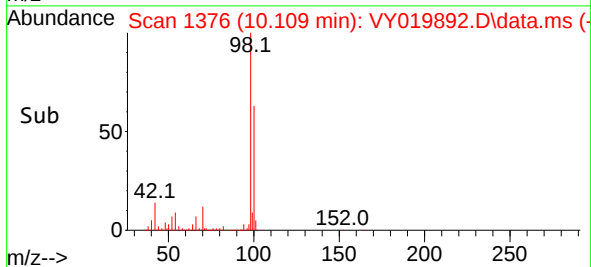
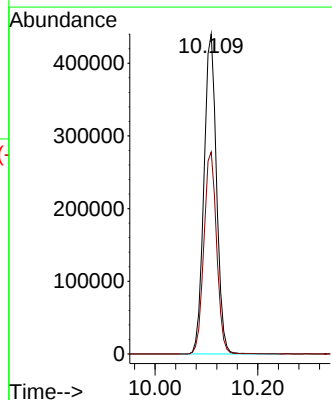
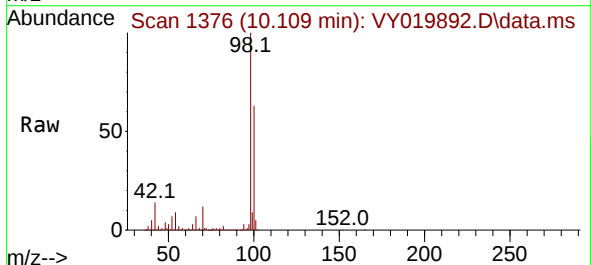


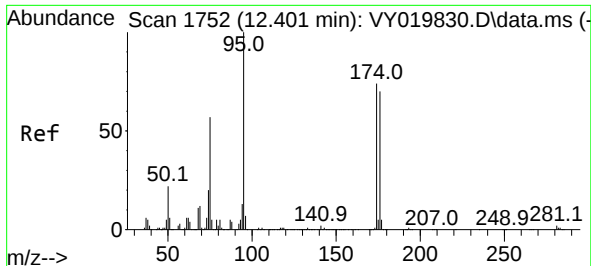
Tgt Ion:117 Resp: 33116
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Tgt Ion: 98 Resp: 744580
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

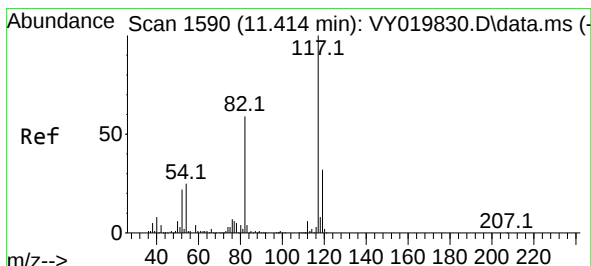
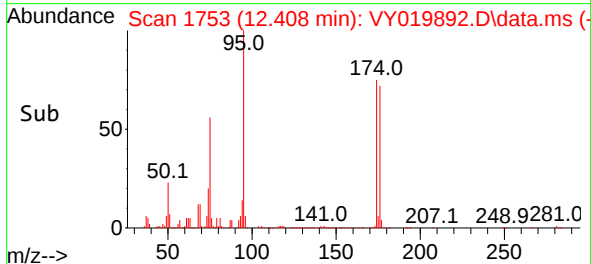
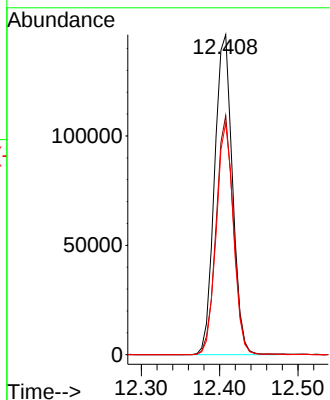
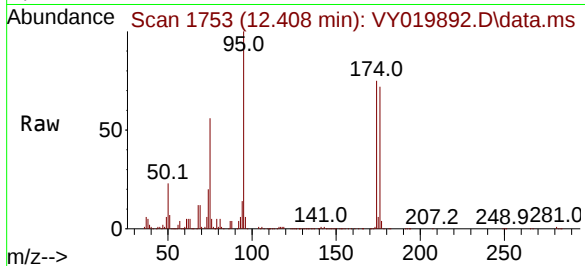




#62
4-Bromofluorobenzene
Concen: 43.047 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

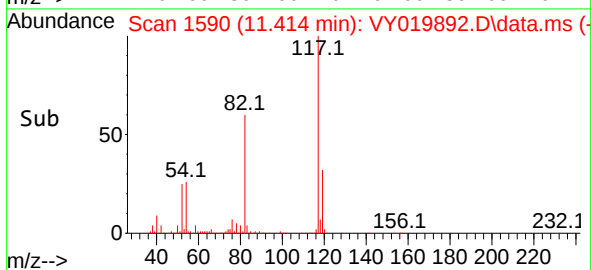
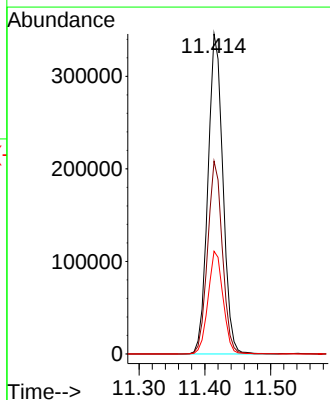
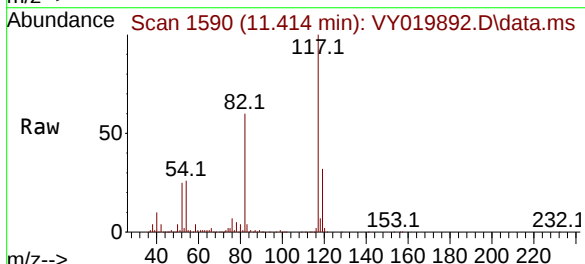
Instrument :
MSVOA_Y
ClientSampleId :

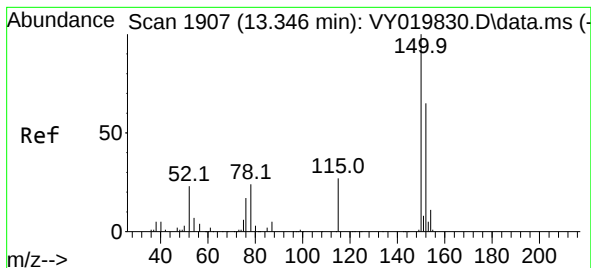
Tgt Ion: 95 Resp: 232289
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 69.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Tgt Ion: 117 Resp: 548156
Ion Ratio Lower Upper
117 100
82 60.2 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

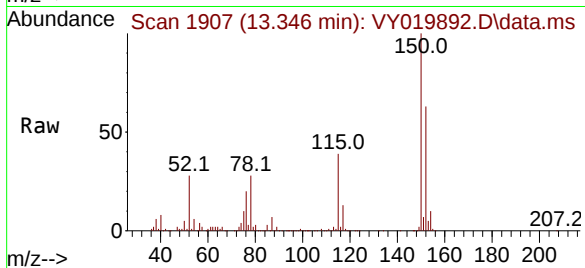
Lab File: VY019892.D

Acq: 14 Oct 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :



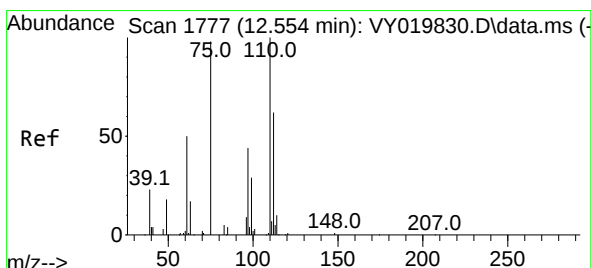
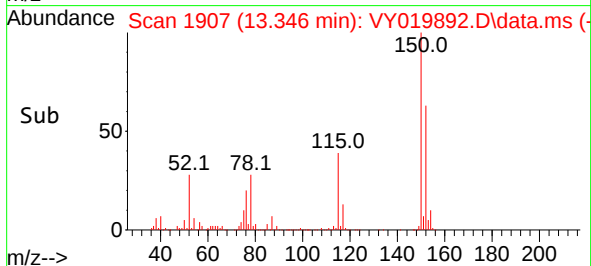
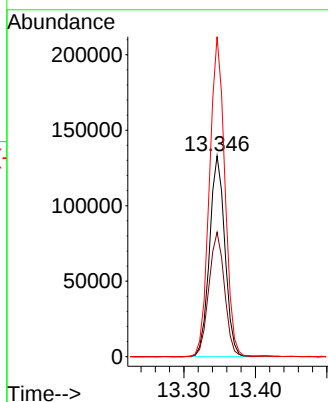
Tgt Ion:152 Resp: 198699

Ion Ratio Lower Upper

152 100

115 63.2 28.2 84.7

150 159.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.329 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019892.D

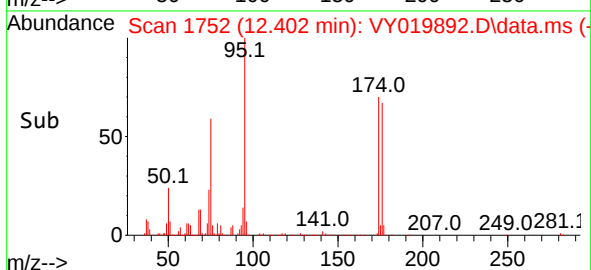
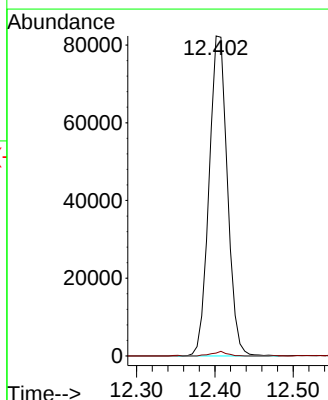
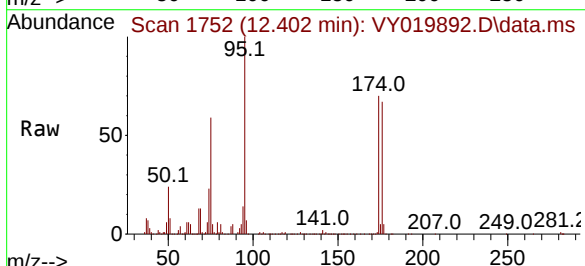
Acq: 14 Oct 2024 15:22

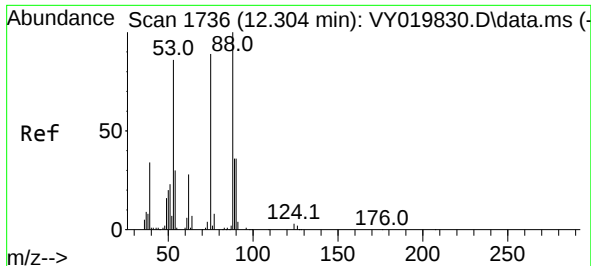
Tgt Ion: 75 Resp: 133626

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

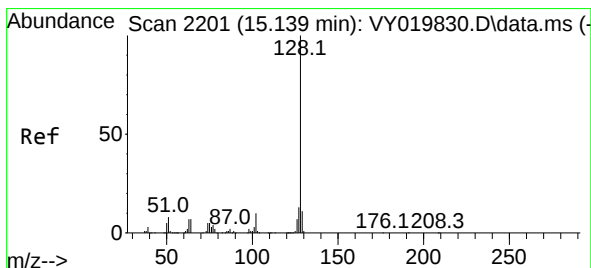
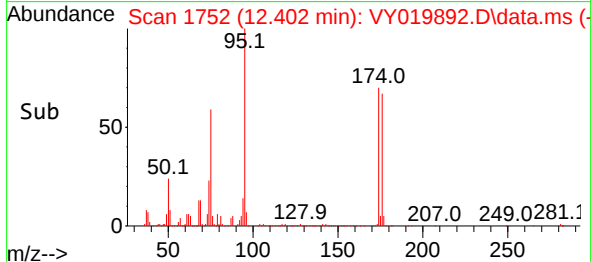
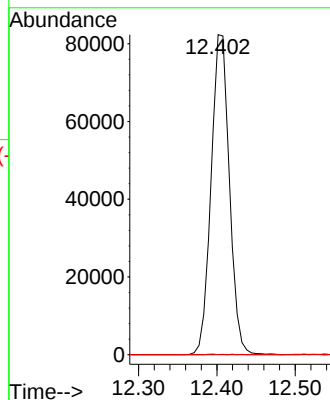
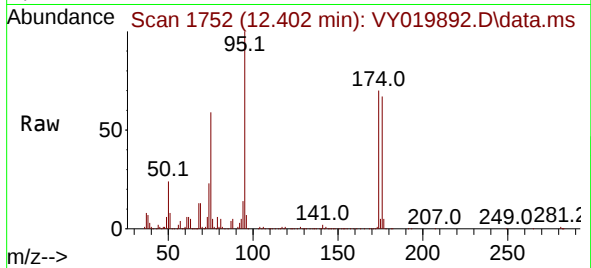




#81
trans-1,4-Dichloro-2-butene
Concen: 138.565 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 133626
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 2.062 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019892.D
Acq: 14 Oct 2024 15:22

Tgt Ion:128 Resp: 13726
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 14.2 8.6 13.0#

