

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019068.D
 Acq On : 14 Aug 2024 19:09
 Operator : SY/MD
 Sample : P3600-05
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

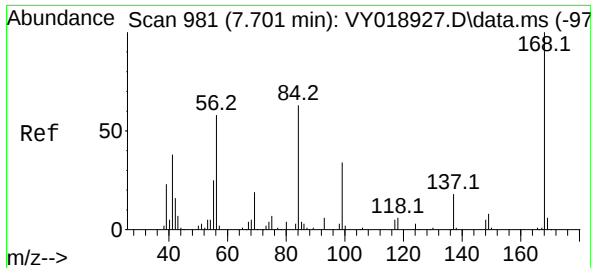
Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

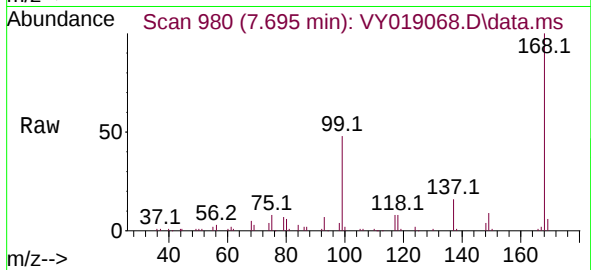
Internal Standards						
1) Pentafluorobenzene	7.695	168	54269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	89222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	69529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	22080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	24500	51.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.840%	
35) Dibromofluoromethane	7.622	113	28939	50.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.103	98	104692	47.830	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.660%	
62) 4-Bromofluorobenzene	12.402	95	20673	31.835	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 63.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	21	Below Cal	#	43
16) Acetone	3.854	43	1581	24.737	ug/l #	84
20) Methylene Chloride	4.592	84	1630	Below Cal	#	84
25) 2-Butanone	6.896	43	205	1.329	ug/l #	41
31) Cyclohexane	7.689	56	1442	Below Cal	#	59
36) 1,1-Dichloropropene	7.701	75	4286	5.603	ug/l #	46
38) Carbon Tetrachloride	7.689	117	4741	5.406	ug/l #	17
41) Methacrylonitrile	7.268	41	37	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.103	43	691	1.884	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	12716	77.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	12716	159.293	ug/l #	16

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

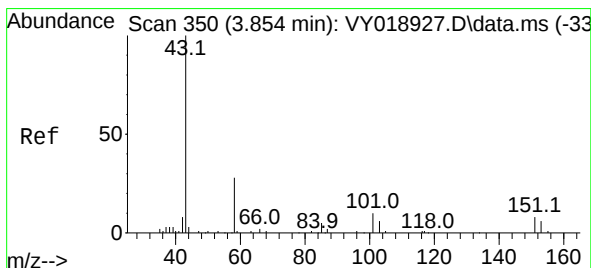
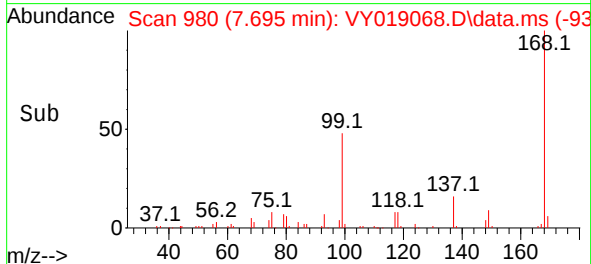
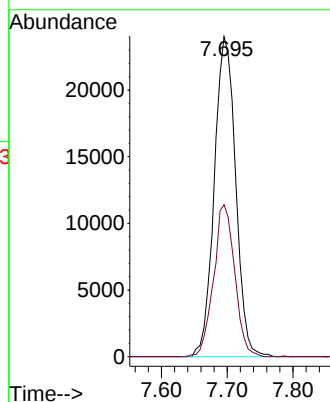


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Instrument :
MSVOA_Y
ClientSampleId :

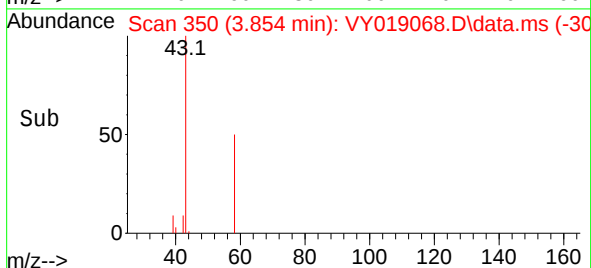
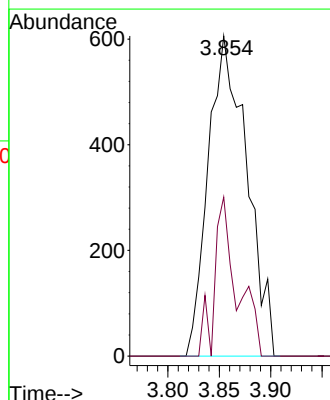
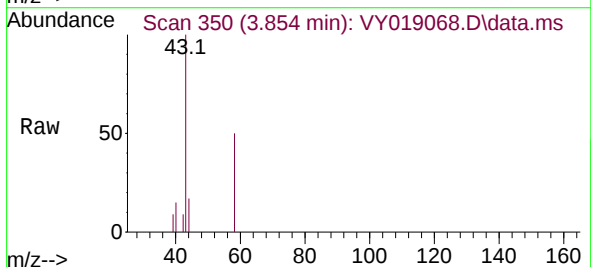


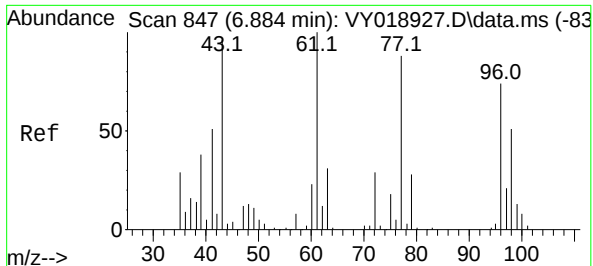
Tgt Ion:168 Resp: 54269
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#16
Acetone
Concen: 24.737 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
58 49.7 31.7 47.5#

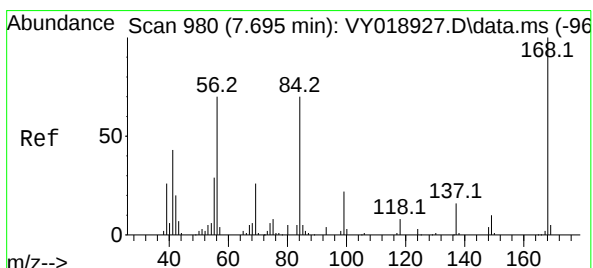
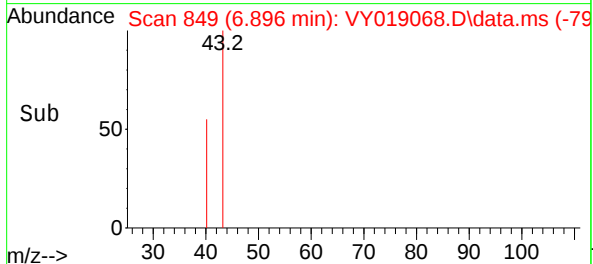
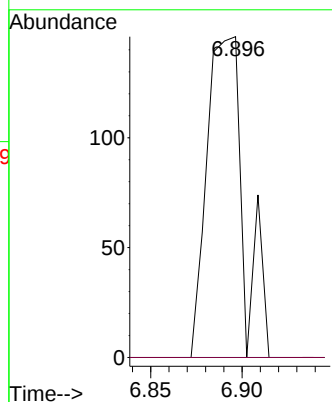
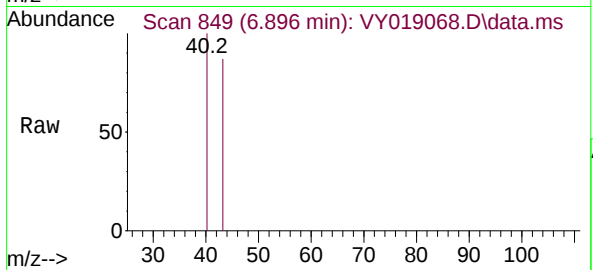




#25
2-Butanone
Concen: 1.329 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

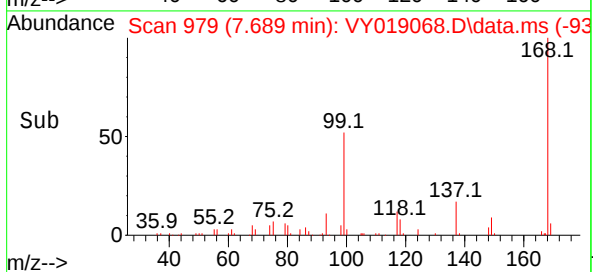
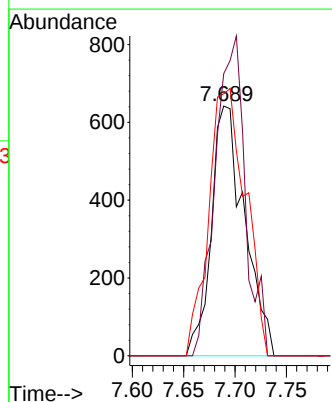
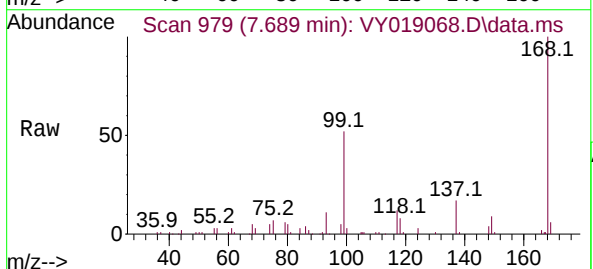
Instrument :
MSVOA_Y
ClientSampleId :

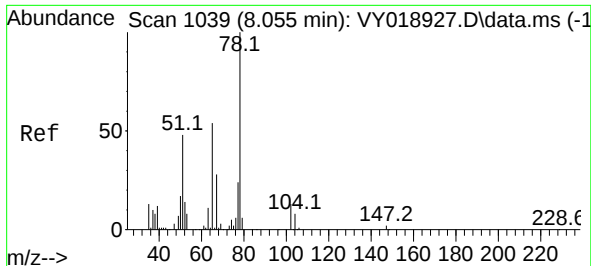
Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Tgt Ion: 56 Resp: 1442
Ion Ratio Lower Upper
56 100
69 112.9 28.7 43.1#
84 104.8 77.7 116.5

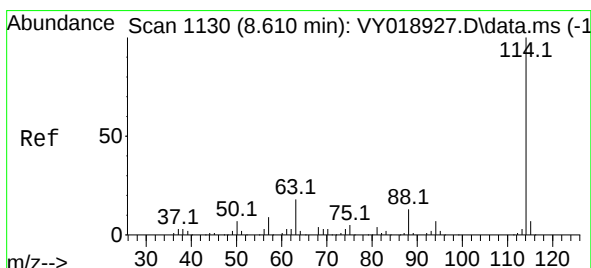
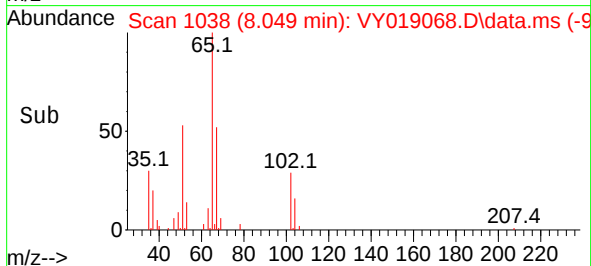
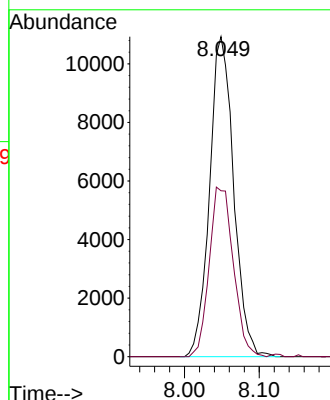
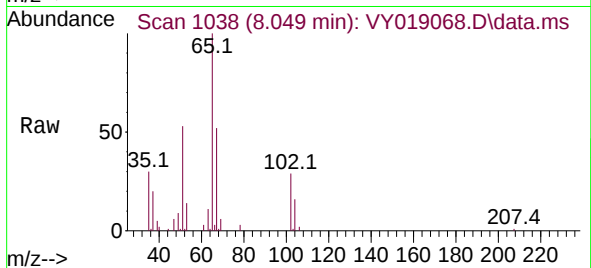




#33
1,2-Dichloroethane-d4
Concen: 51.419 ug/l
RT: 8.049 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

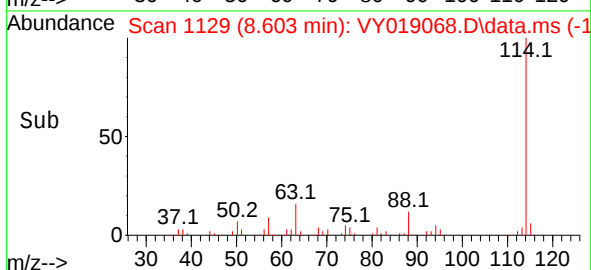
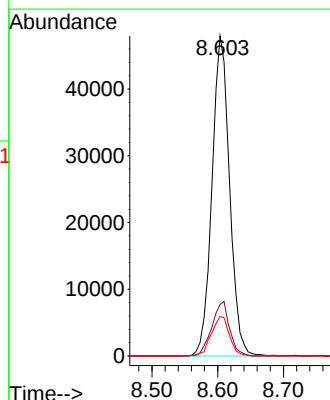
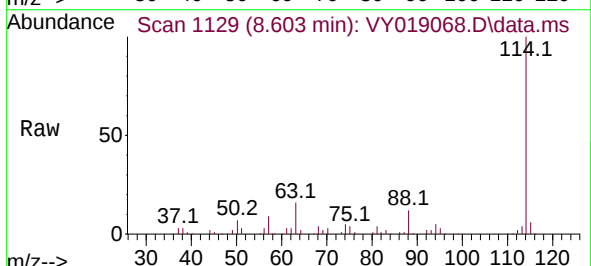
Instrument :
MSVOA_Y
ClientSampleId :

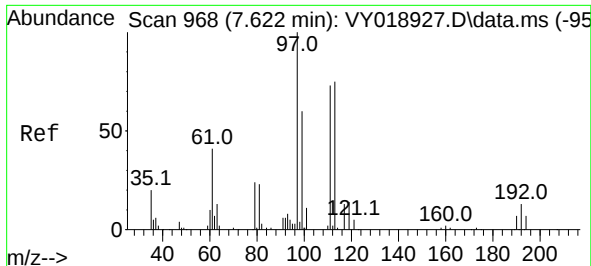
Tgt Ion: 65 Resp: 24500
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Tgt Ion:114 Resp: 89222
Ion Ratio Lower Upper
114 100
63 16.1 0.0 35.0
88 12.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.784 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

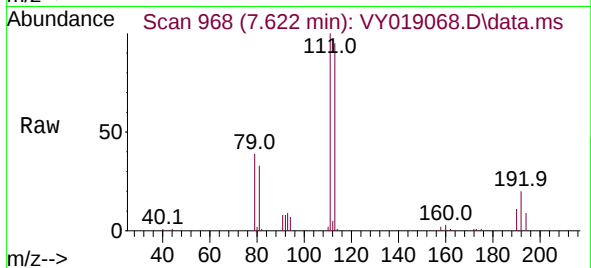
Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :



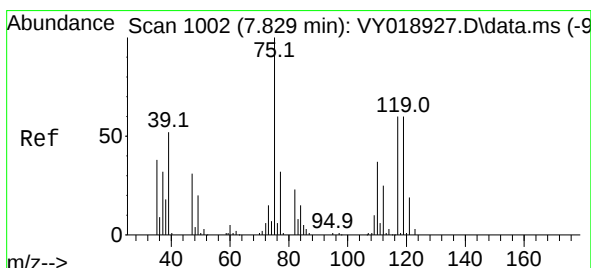
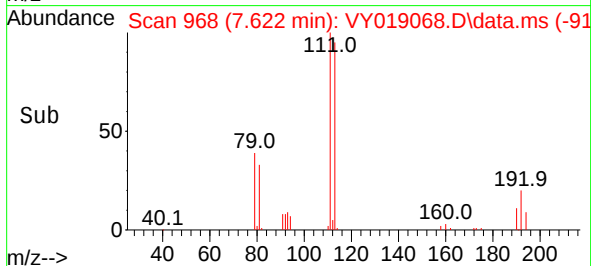
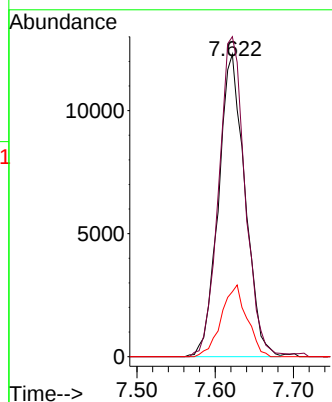
Tgt Ion:113 Resp: 28939

Ion Ratio Lower Upper

113 100

111 105.5 82.2 123.4

192 22.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.603 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

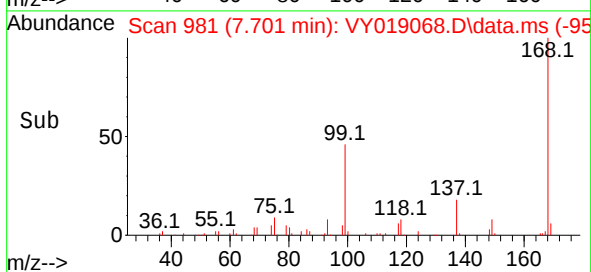
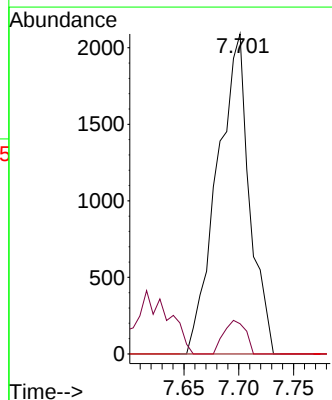
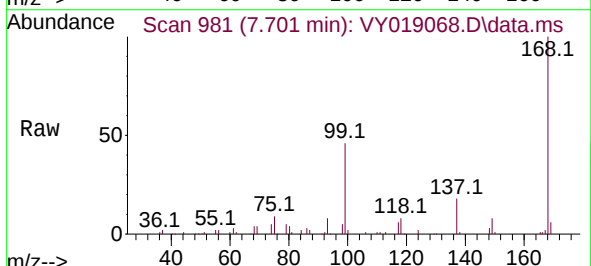
Tgt Ion: 75 Resp: 4286

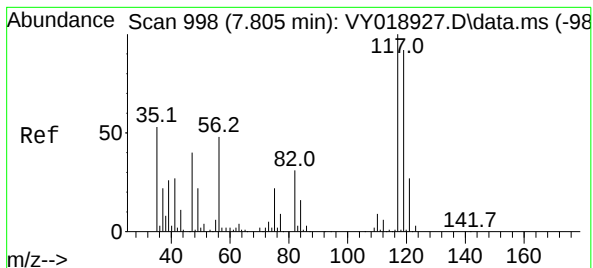
Ion Ratio Lower Upper

75 100

110 7.1 19.0 57.0#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.406 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.116 min

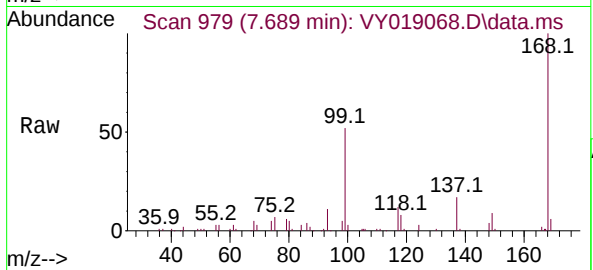
Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :



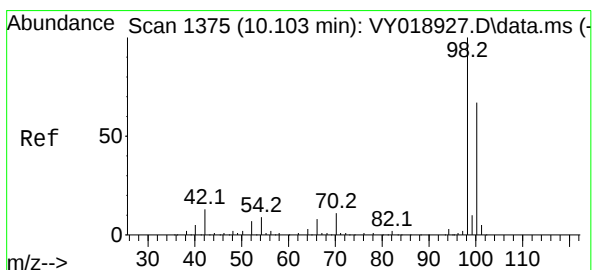
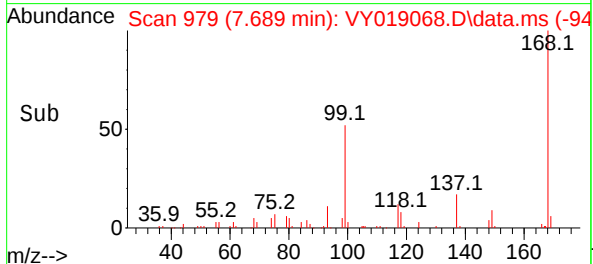
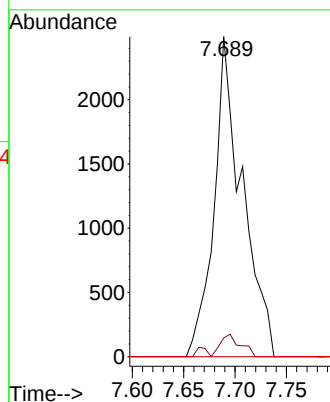
Tgt Ion:117 Resp: 4741

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 47.830 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019068.D

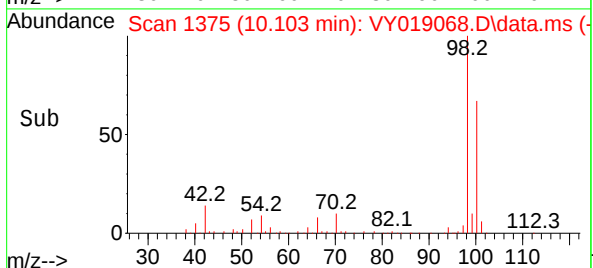
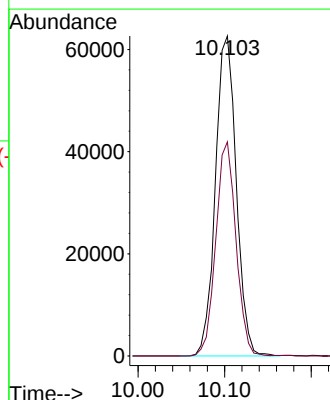
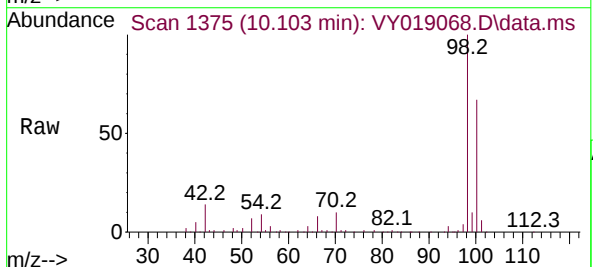
Acq: 14 Aug 2024 19:09

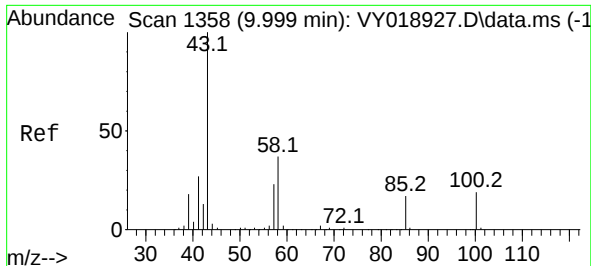
Tgt Ion: 98 Resp: 104692

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

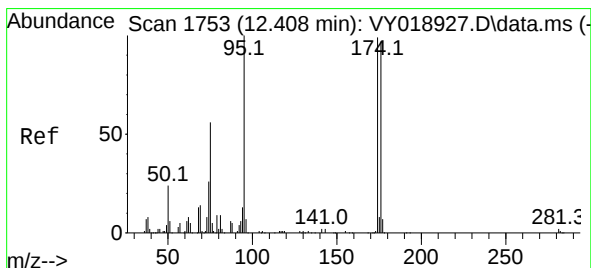
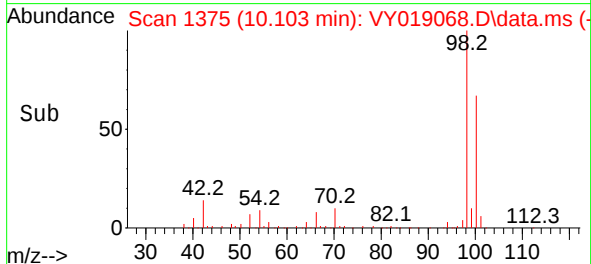
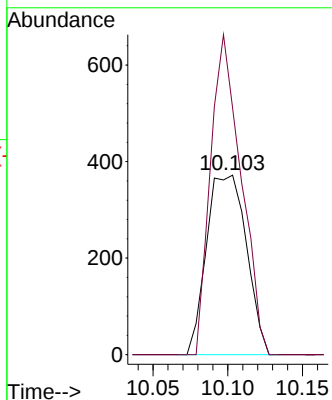
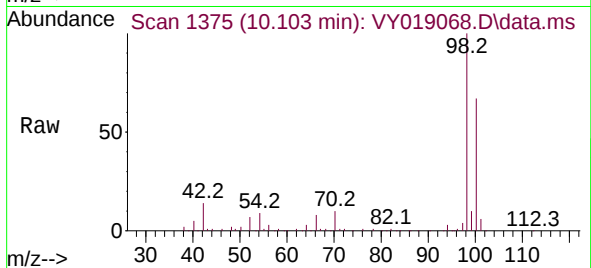




#51
4-Methyl-2-Pentanone
Concen: 1.884 ug/l
RT: 10.103 min Scan# 1358
Delta R.T. 0.104 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

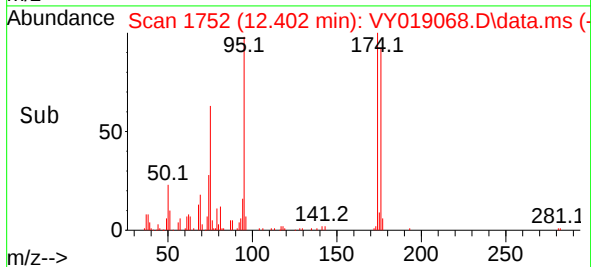
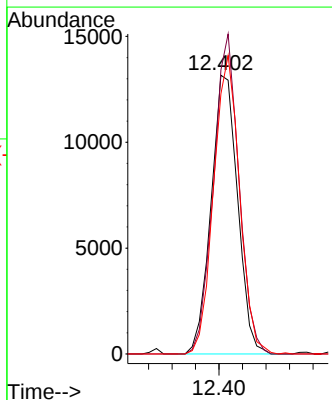
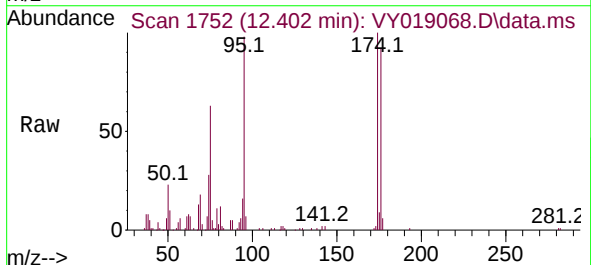
Instrument :
MSVOA_Y
ClientSampleId :

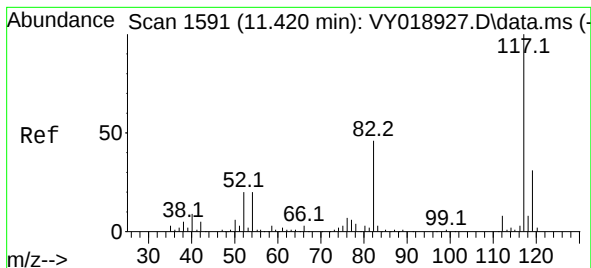
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 136.5 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 31.835 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019068.D
Acq: 14 Aug 2024 19:09

Tgt Ion: 95 Resp: 20673
Ion Ratio Lower Upper
95 100
174 109.8 0.0 175.6
176 104.1 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: VY019068.D

Acq: 14 Aug 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

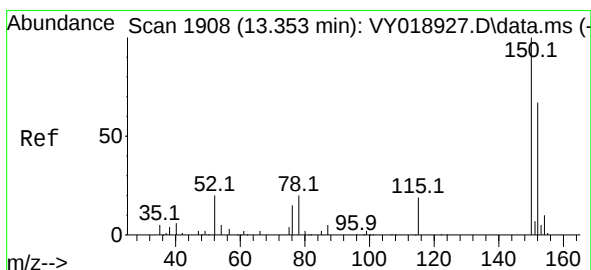
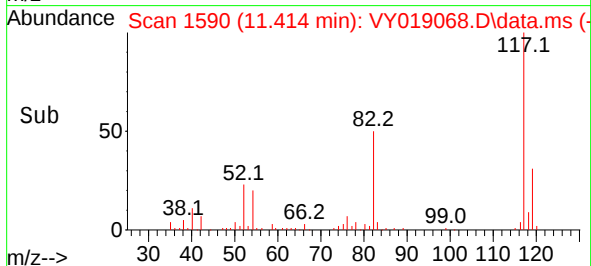
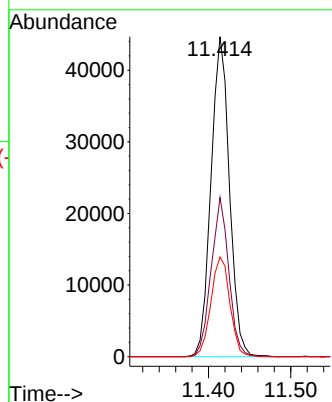
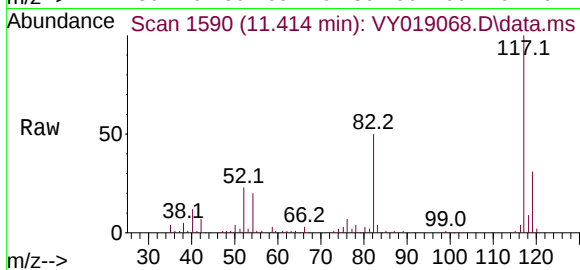
Tgt Ion:117 Resp: 69529

Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

119 31.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

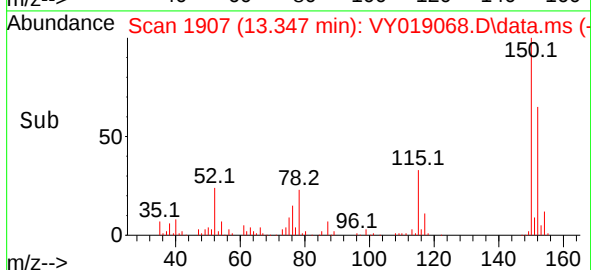
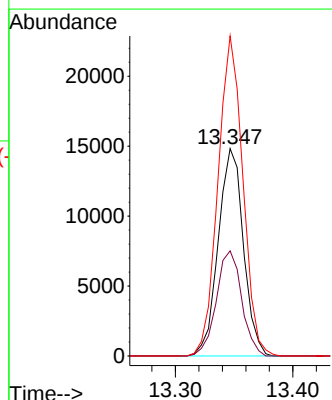
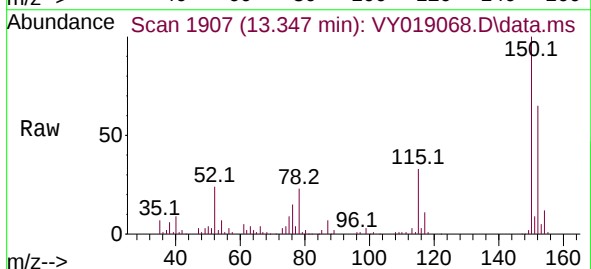
Tgt Ion:152 Resp: 22080

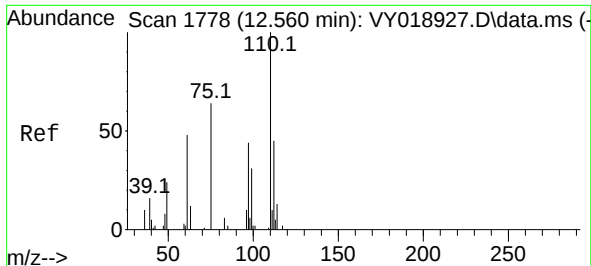
Ion Ratio Lower Upper

152 100

115 51.0 28.2 84.7

150 152.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 77.304 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

Instrument :

MSVOA_Y

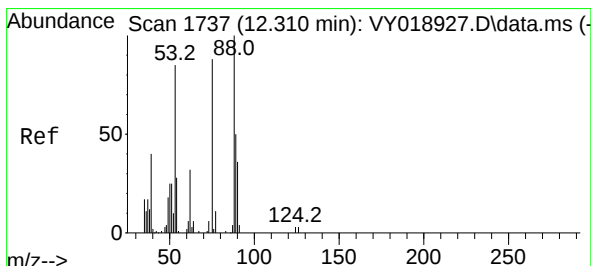
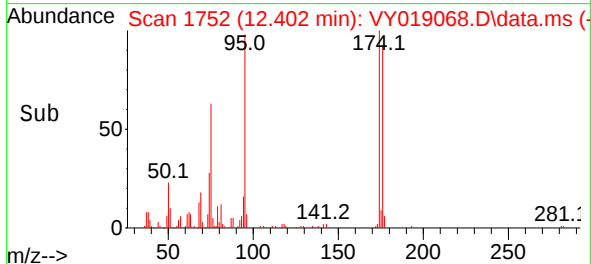
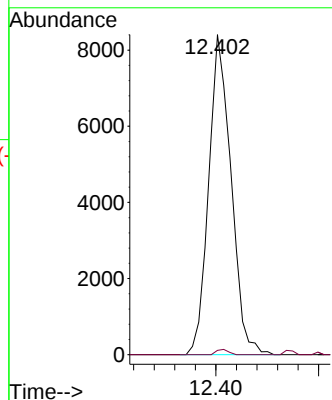
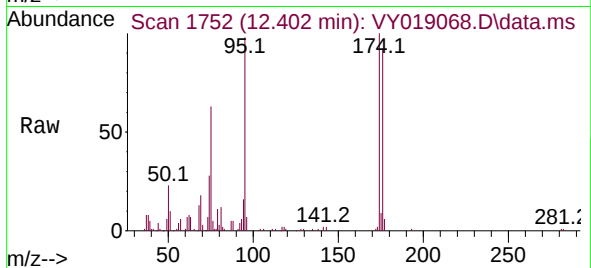
ClientSampleId :

Tgt Ion: 75 Resp: 12716

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 159.293 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.092 min

Lab File: VY019068.D

Acq: 14 Aug 2024 19:09

Tgt Ion: 75 Resp: 12716

Ion Ratio Lower Upper

75 100

53 0.5 66.8 100.2#

89 0.0 35.8 53.6#

