

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018977.D
 Acq On : 09 Aug 2024 19:20
 Operator : SY/MD
 Sample : P3506-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4534

Quant Time: Aug 09 23:31:25 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)

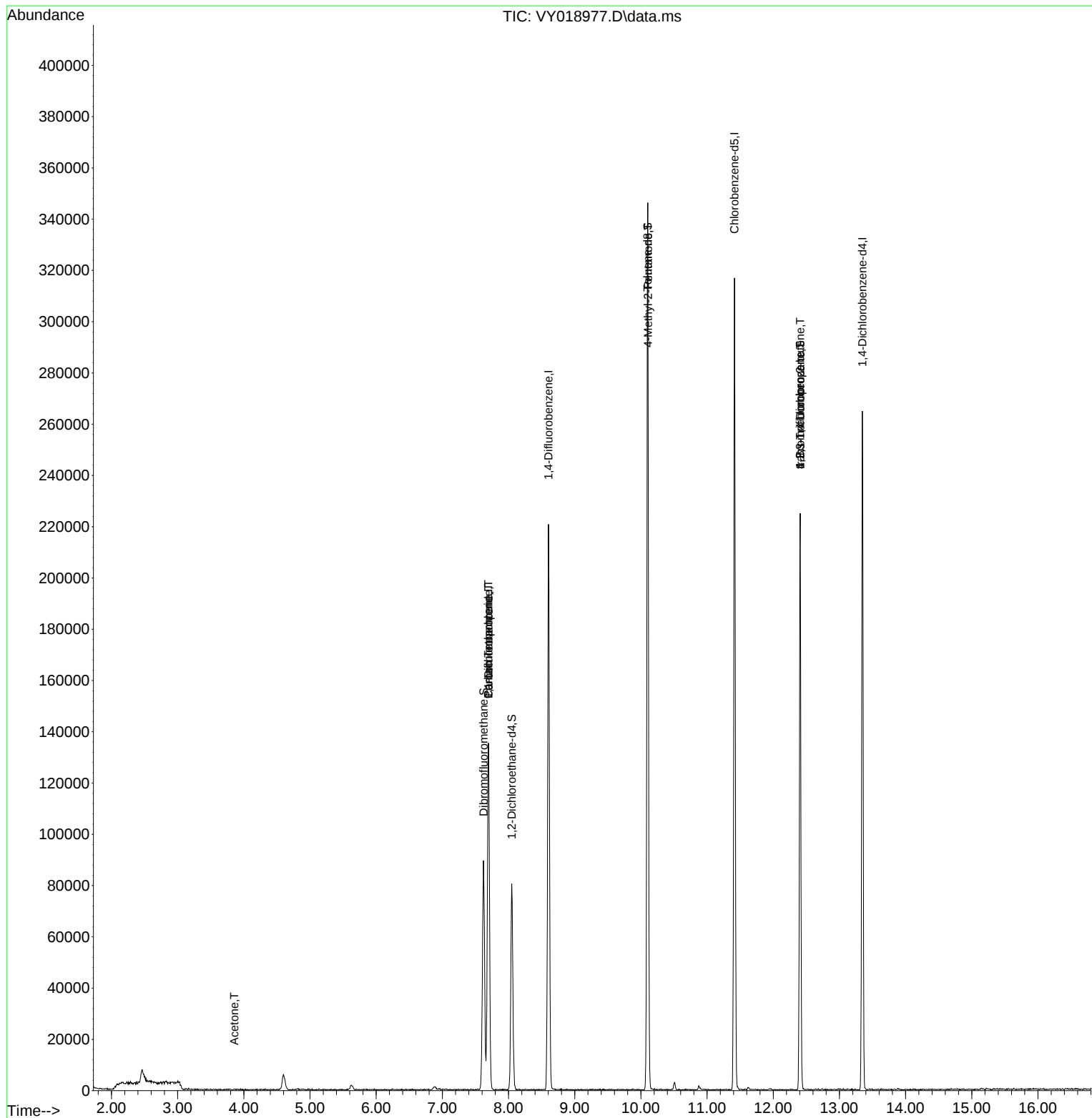
Internal Standards						
1) Pentafluorobenzene	7.695	168	107175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	178912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	152303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	60580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	49445	52.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.100%	
35) Dibromofluoromethane	7.622	113	55756	48.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.580%	
50) Toluene-d8	10.103	98	210813	48.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	12.408	95	55024	42.256	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.147	50	49	Below Cal	#	43
11) Tert butyl alcohol	4.805	59	69	Below Cal	#	88
13) Acrolein	3.543	56	23	Below Cal	#	15
16) Acetone	3.854	43	99	12.913	ug/l #	36
20) Methylene Chloride	4.598	84	3905	Below Cal		91
31) Cyclohexane	7.701	56	2509	Below Cal	#	73
36) 1,1-Dichloropropene	7.695	75	7884	5.140	ug/l #	48
38) Carbon Tetrachloride	7.695	117	9973	5.671	ug/l #	16
41) Methacrylonitrile	7.238	41	33	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.109	43	1122	1.526	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	32842	72.770	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	32842	149.949	ug/l #	16

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

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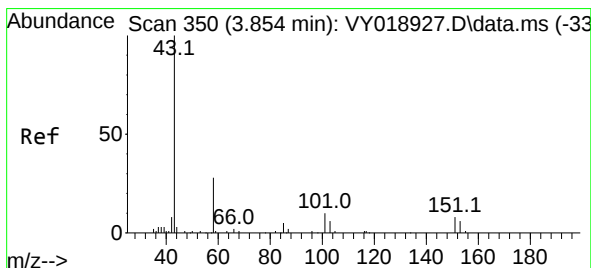
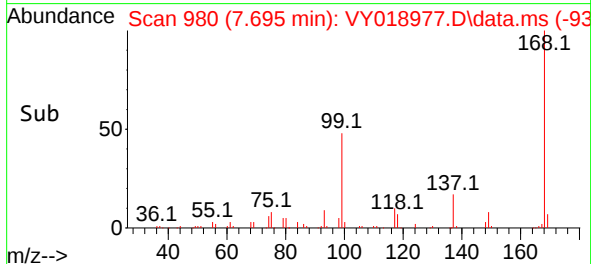
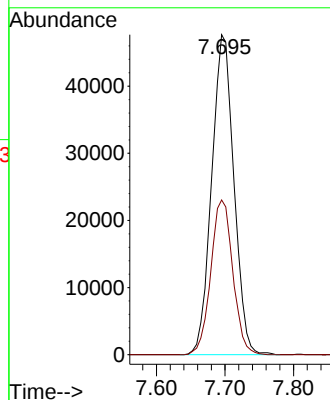
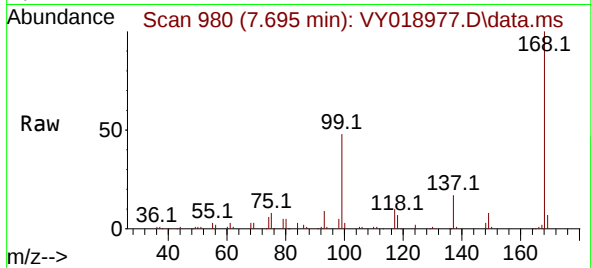




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

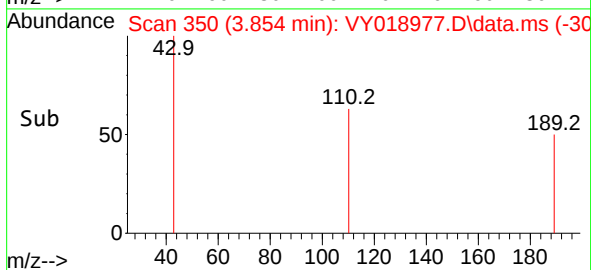
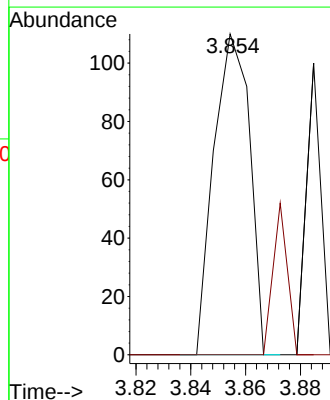
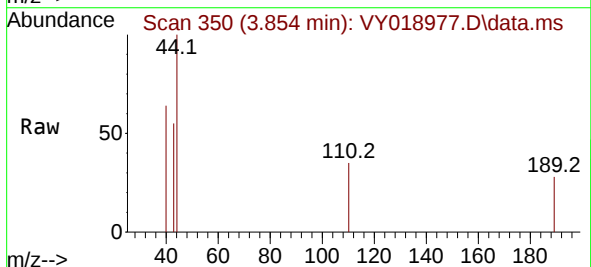
Instrument :
MSVOA_Y
ClientSampleId :
RT4534

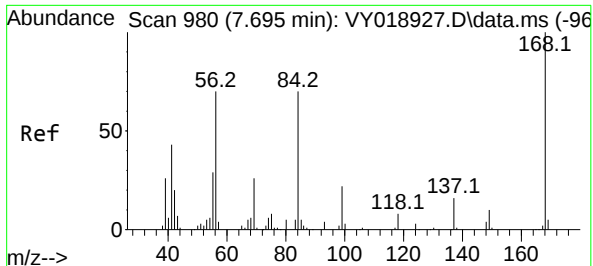
Tgt Ion:168 Resp: 107175
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#16
Acetone
Concen: 12.913 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

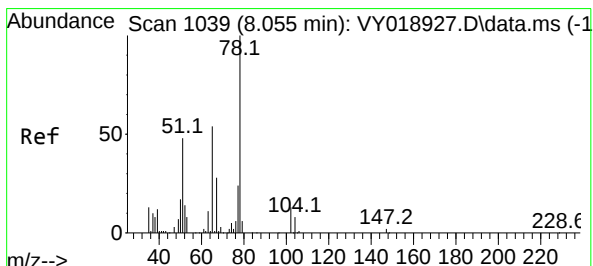
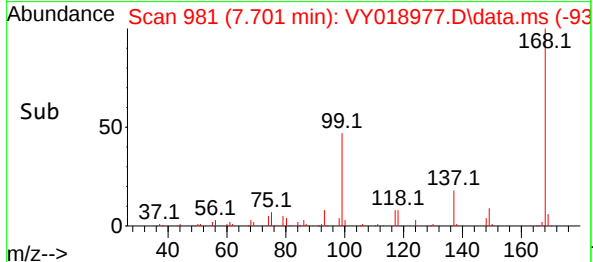
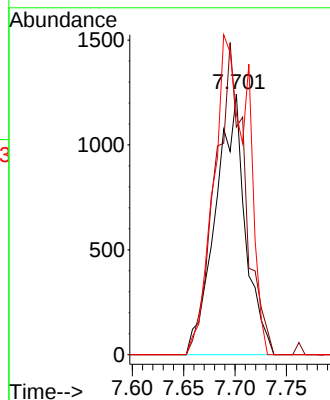
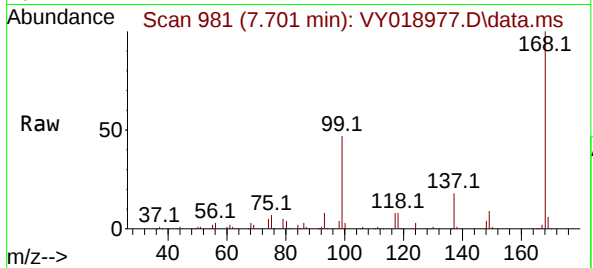




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

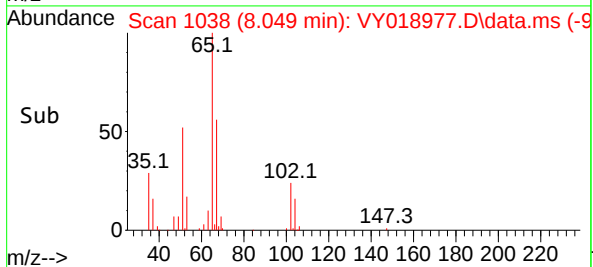
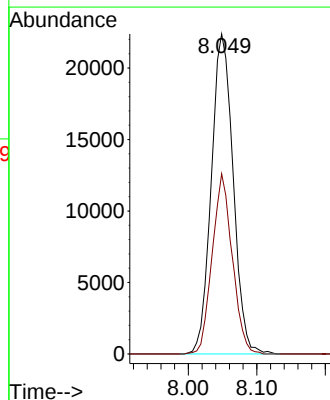
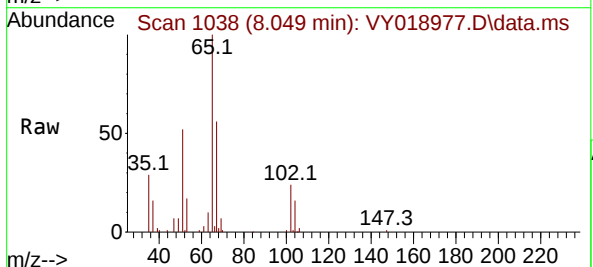
Instrument :
MSVOA_Y
ClientSampleId :
RT4534

Tgt Ion: 56 Resp: 2509
Ion Ratio Lower Upper
56 100
69 87.3 28.7 43.1#
84 92.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 52.546 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

Tgt Ion: 65 Resp: 49445
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018977.D

Acq: 09 Aug 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

RT4534

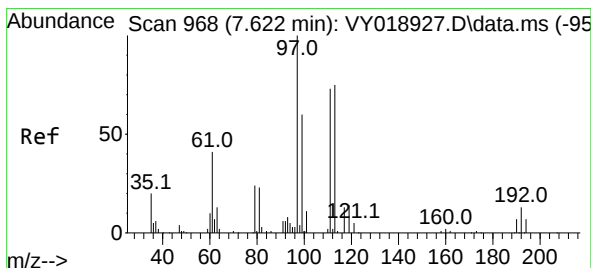
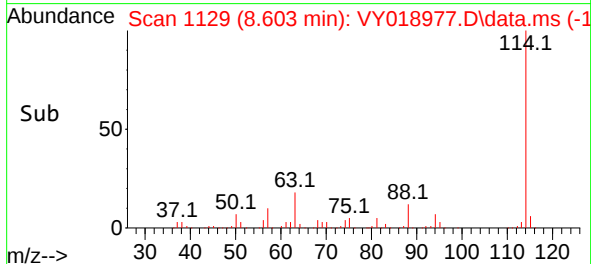
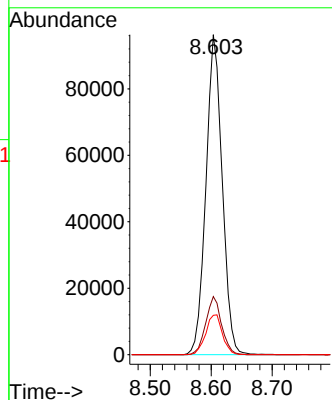
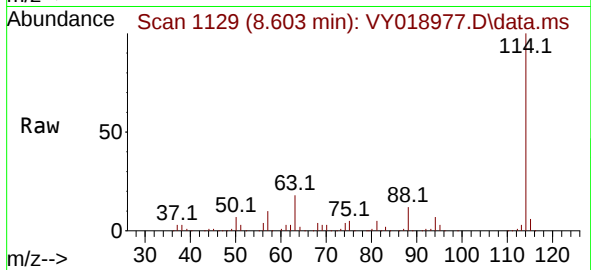
Tgt Ion:114 Resp: 178912

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.794 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018977.D

Acq: 09 Aug 2024 19:20

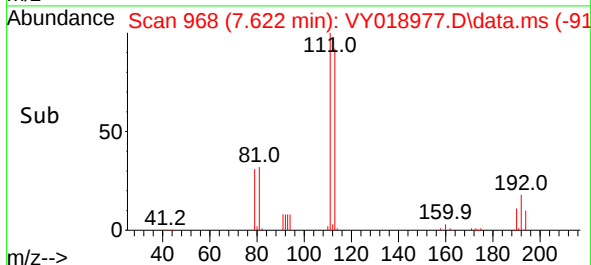
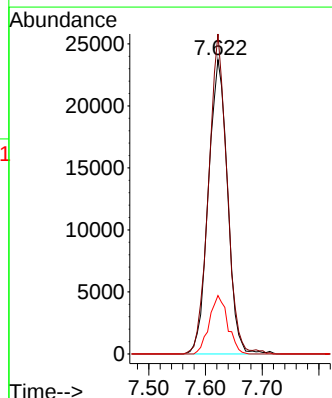
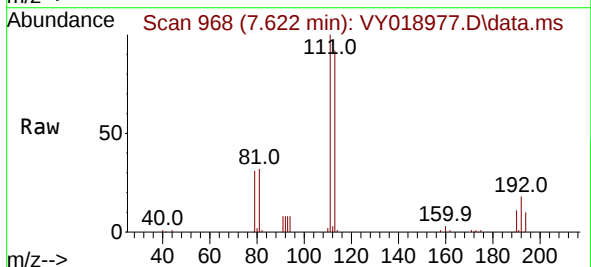
Tgt Ion:113 Resp: 55756

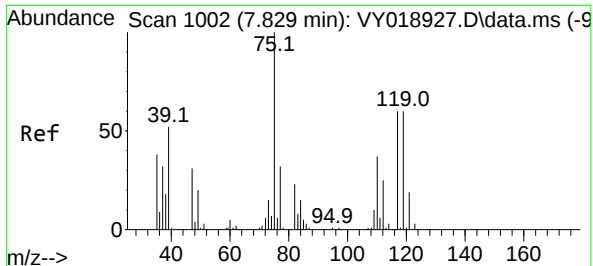
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.140 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY018977.D

Acq: 09 Aug 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

RT4534

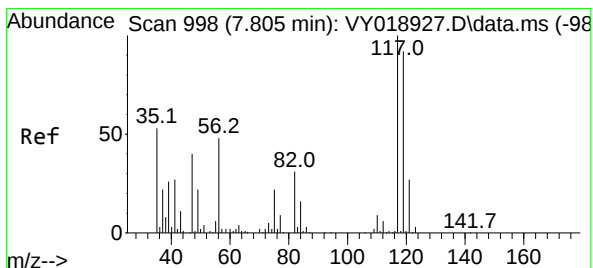
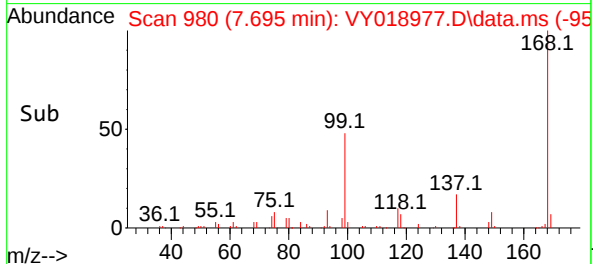
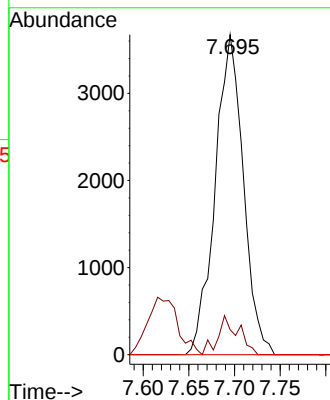
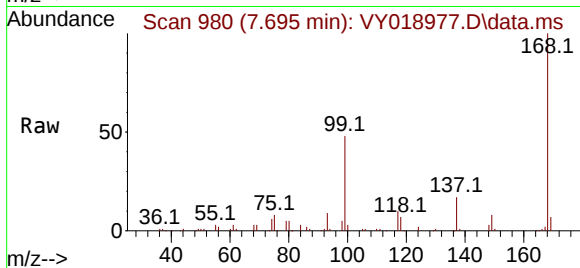
Tgt Ion: 75 Resp: 7884

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.671 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY018977.D

Acq: 09 Aug 2024 19:20

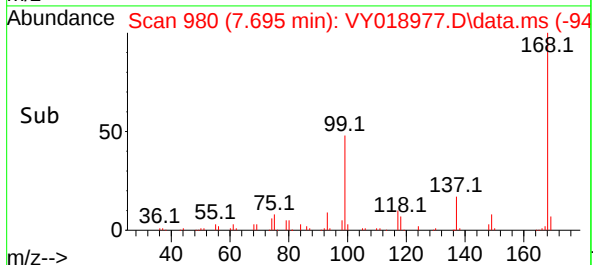
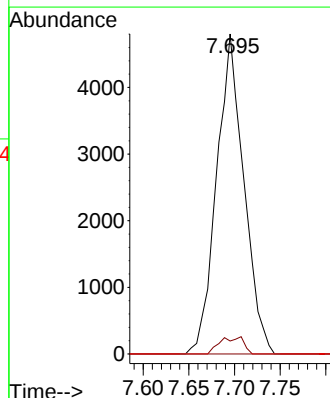
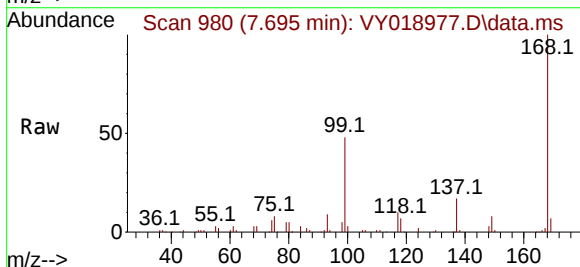
Tgt Ion: 117 Resp: 9973

Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.031 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY018977.D

Acq: 09 Aug 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

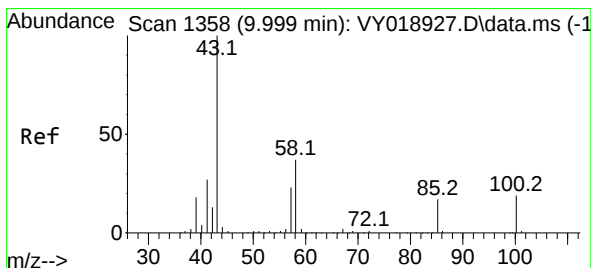
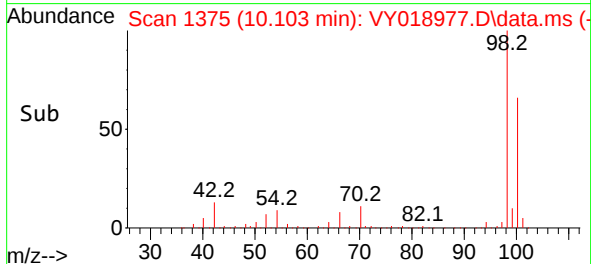
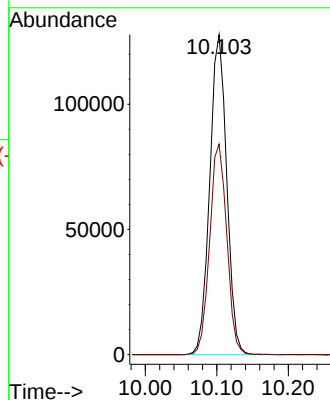
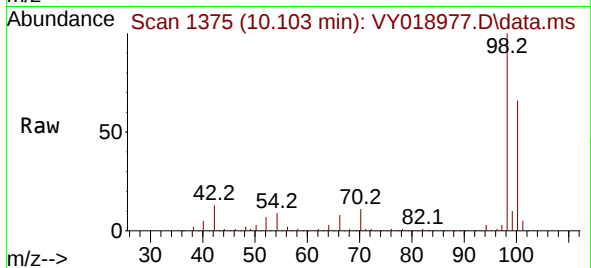
RT4534

Tgt Ion: 98 Resp: 210813

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.526 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.110 min

Lab File: VY018977.D

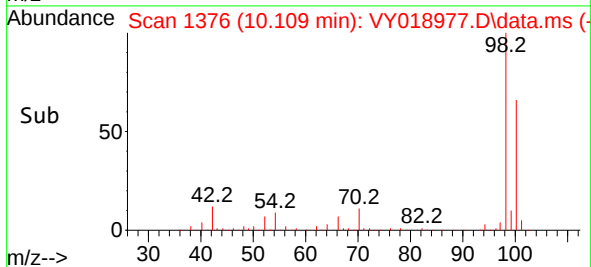
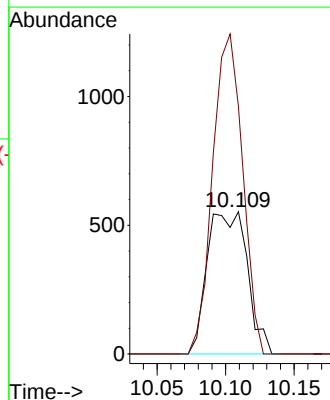
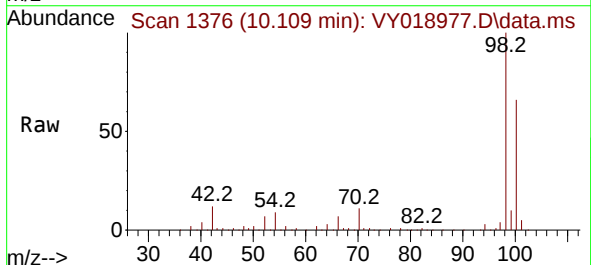
Acq: 09 Aug 2024 19:20

Tgt Ion: 43 Resp: 1122

Ion Ratio Lower Upper

43 100

58 168.2 35.7 53.5#

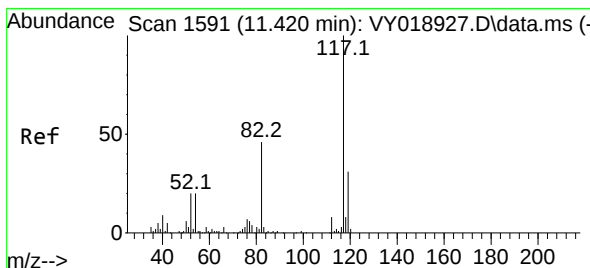
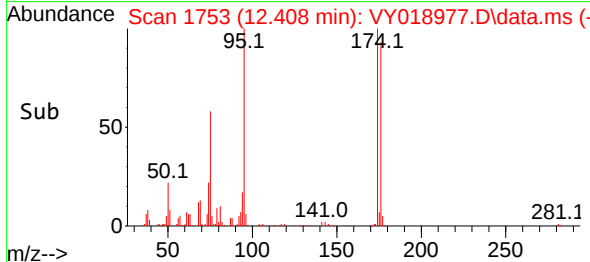
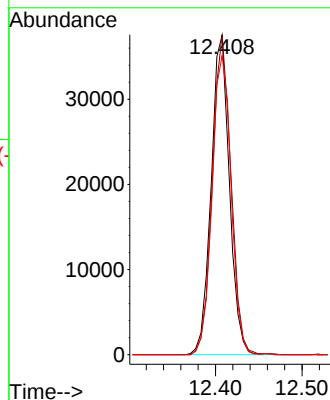
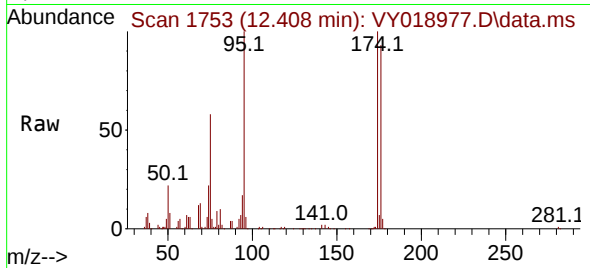




#62
4-Bromofluorobenzene
Concen: 42.256 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

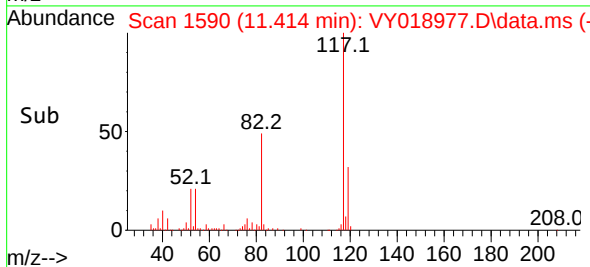
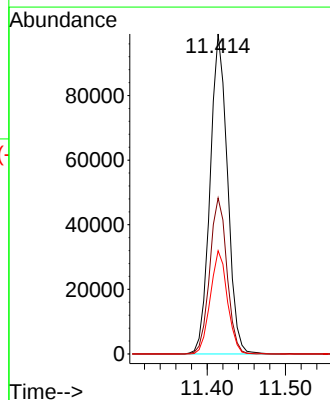
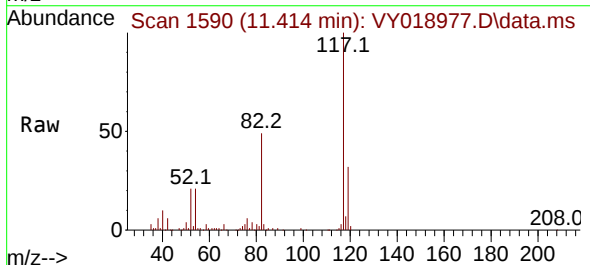
Instrument :
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ClientSampleId :
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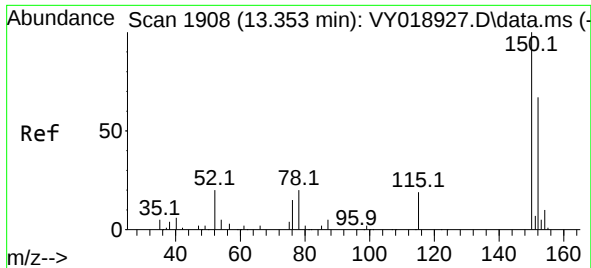
Tgt Ion:	95	Resp:	55024
Ion Ratio	Lower	Upper	
95	100		
174	101.9	0.0	175.6
176	97.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

Tgt Ion:	117	Resp:	152303
Ion Ratio	Lower	Upper	
117	100		
82	48.8	42.4	63.6
119	32.2	25.9	38.9

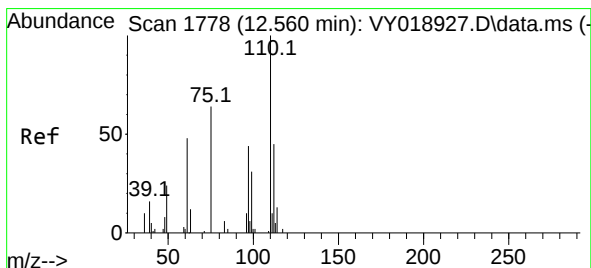
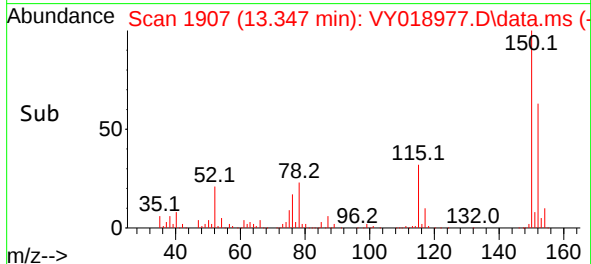
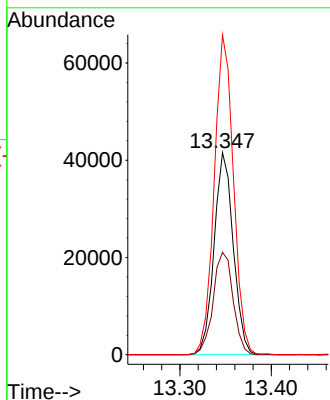
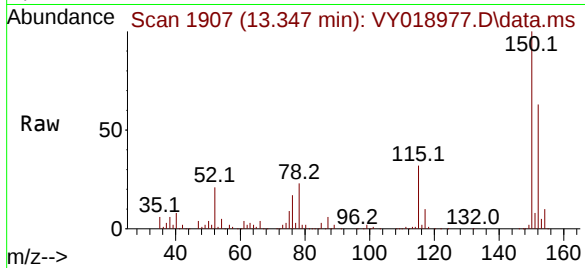




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

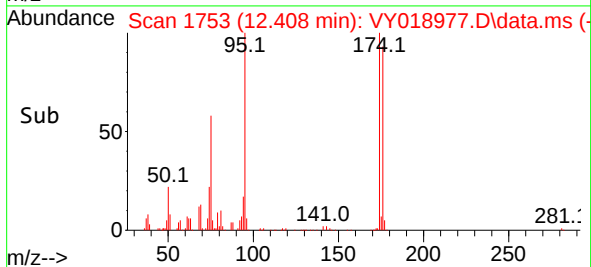
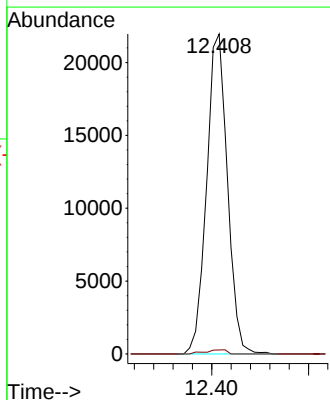
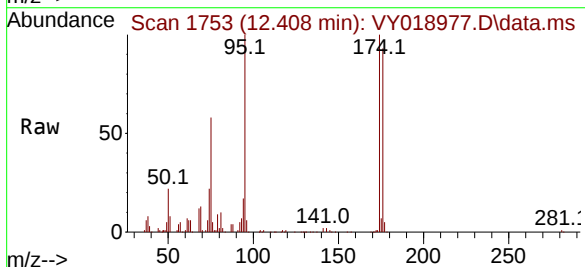
Instrument :
MSVOA_Y
ClientSampleId :
RT4534

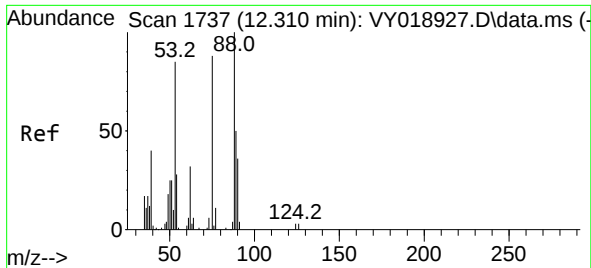
Tgt Ion:152 Resp: 60580
Ion Ratio Lower Upper
152 100
115 52.7 28.2 84.7
150 158.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 72.770 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018977.D
Acq: 09 Aug 2024 19:20

Tgt Ion: 75 Resp: 32842
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.949 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018977.D
 Acq: 09 Aug 2024 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4534

Tgt Ion: 75 Resp: 32842
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

