

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019037.D
 Acq On : 13 Aug 2024 18:23
 Operator : SY/MD
 Sample : P3549-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 01:40:58 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)

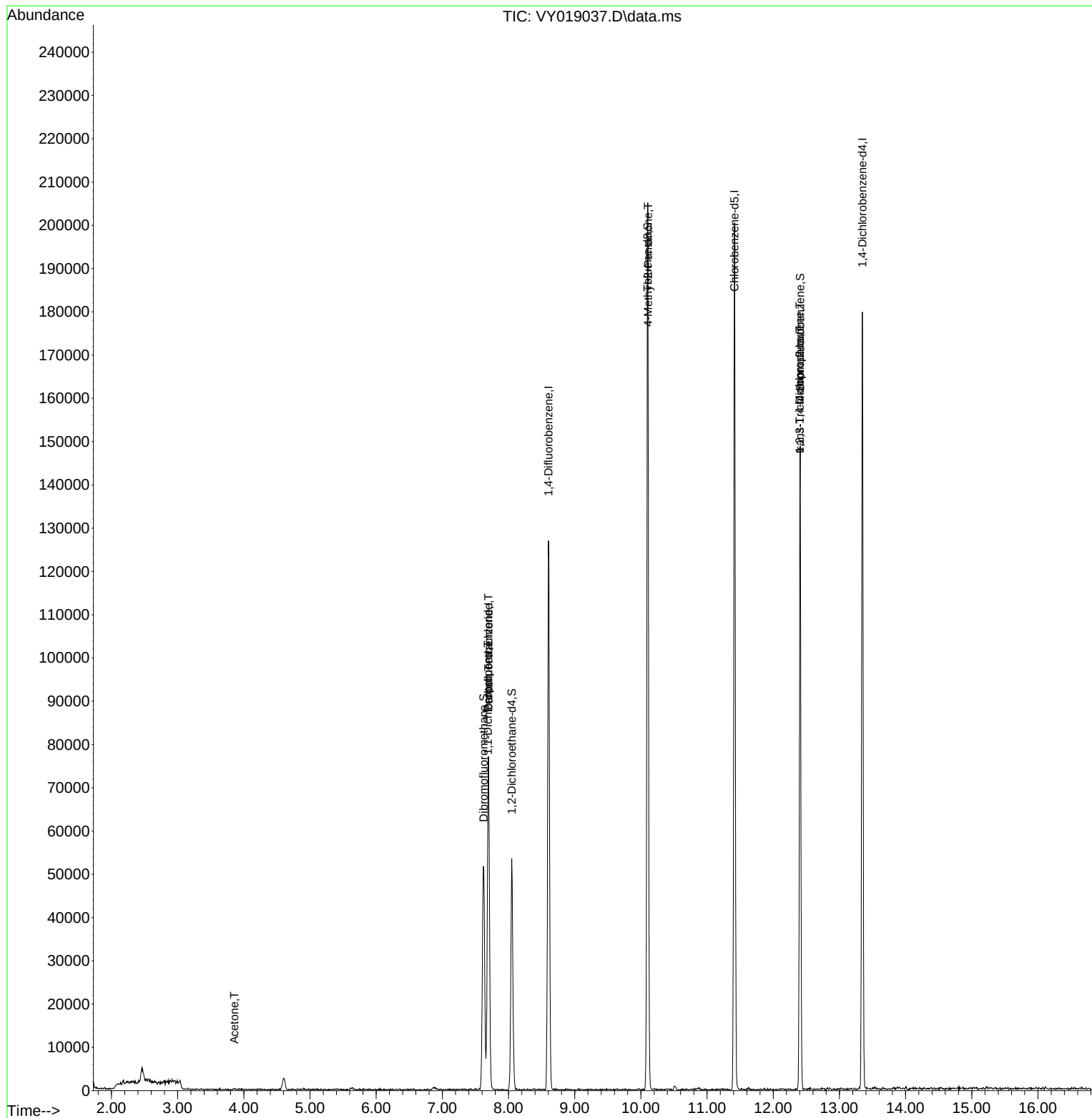
Internal Standards						
1) Pentafluorobenzene	7.695	168	60260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	106405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	41080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	30889	58.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.622	113	33773	49.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.103	98	124827	47.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.407	95	34728	44.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.232	50	22	Below Cal	#	43
16) Acetone	3.854	43	129	13.422	ug/l #	36
20) Methylene Chloride	4.598	84	1638	Below Cal	#	86
31) Cyclohexane	7.683	56	1804	Below Cal	#	58
36) 1,1-Dichloropropene	7.689	75	4818	5.281	ug/l #	42
38) Carbon Tetrachloride	7.695	117	5531	5.288	ug/l #	19
51) 4-Methyl-2-Pentanone	10.109	43	651	1.489	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	22068	72.108	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	22068	148.586	ug/l #	16

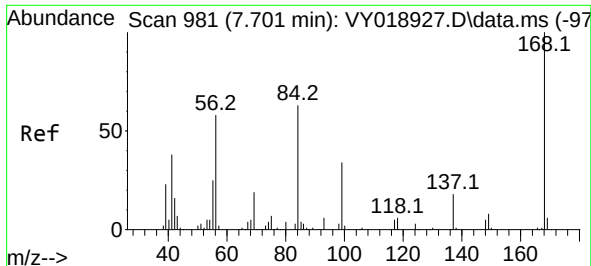
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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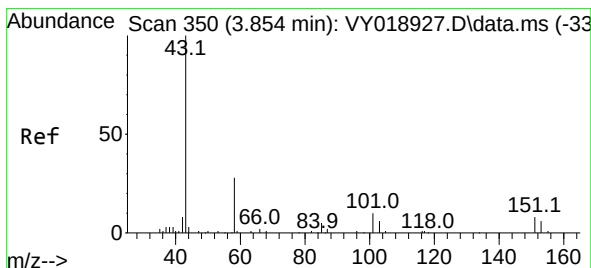
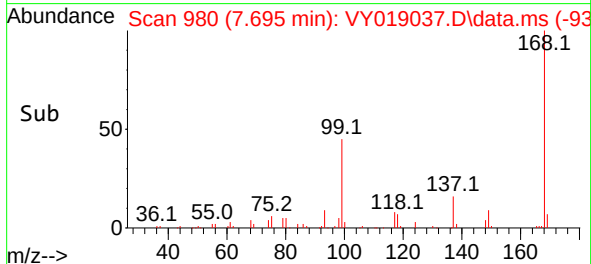
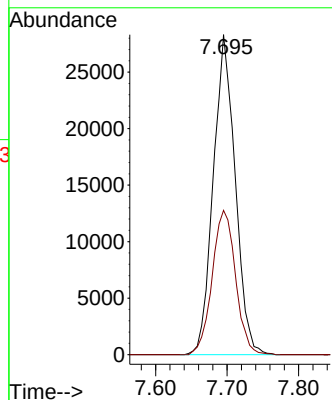
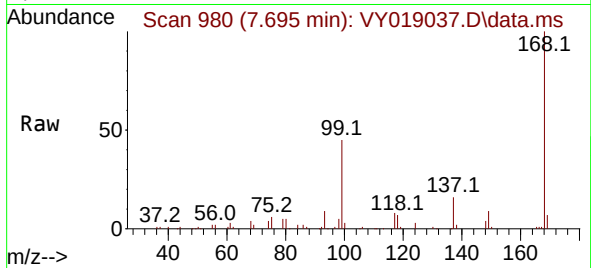




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

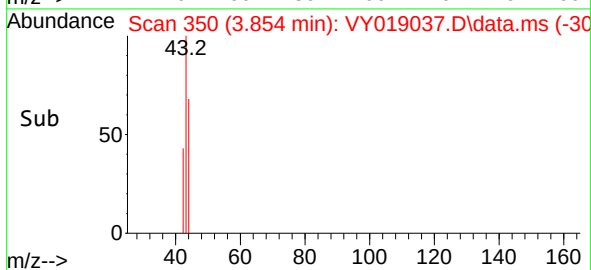
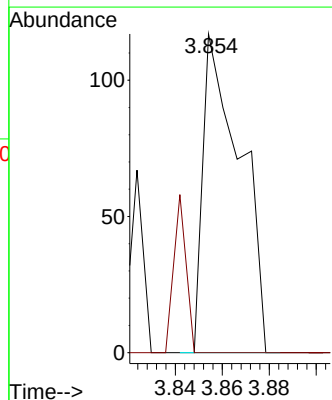
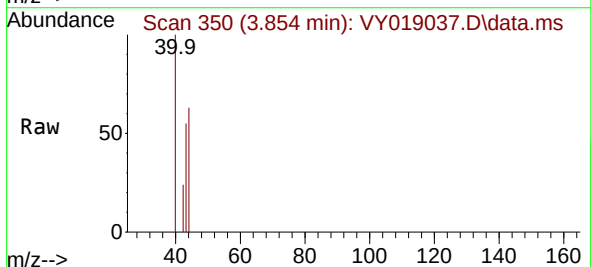
Instrument :
MSVOA_Y
ClientSampleId :

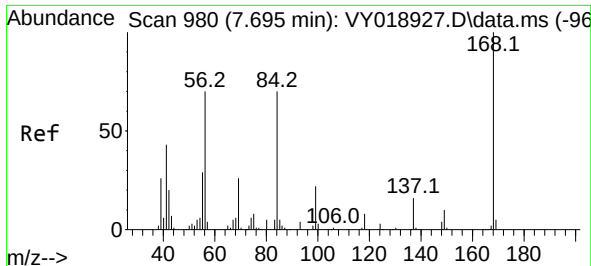
Tgt Ion:168 Resp: 60260
Ion Ratio Lower Upper
168 100
99 45.1 39.1 58.7



#16
Acetone
Concen: 13.422 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

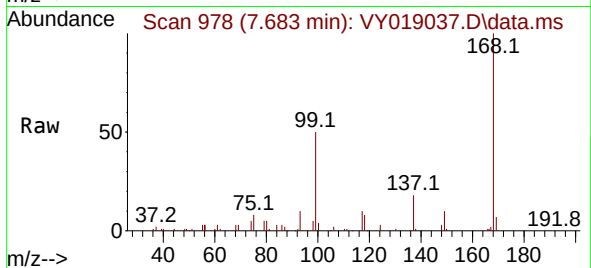
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



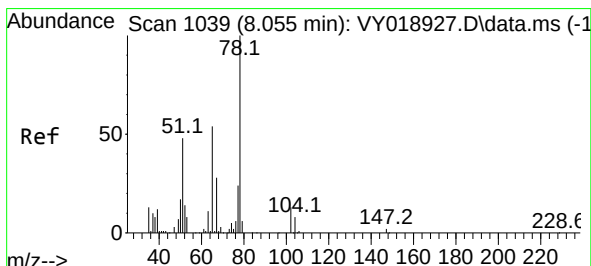
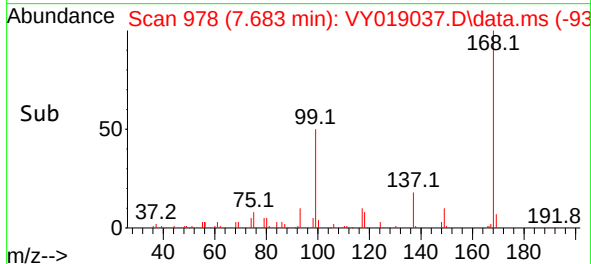
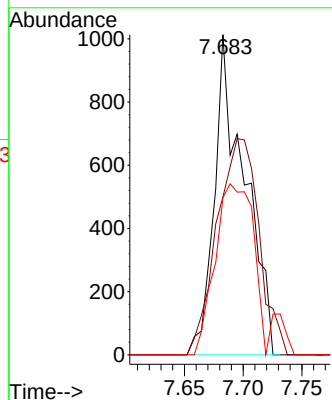


#31
Cyclohexane
Concen: Below Cal
RT: 7.683 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

Instrument :
MSVOA_Y
ClientSampleId :

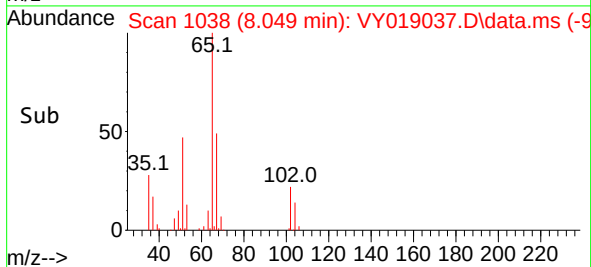
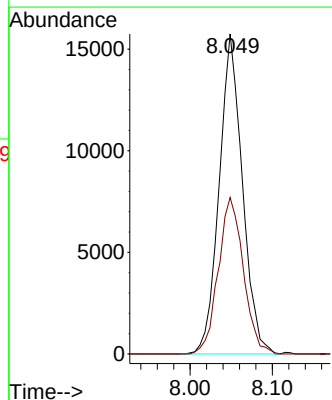
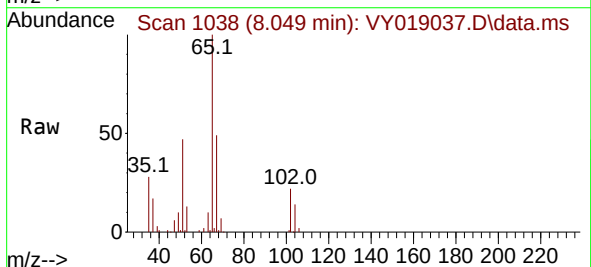


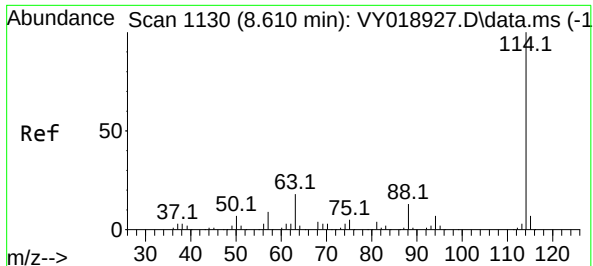
Tgt Ion: 56 Resp: 1804
Ion Ratio Lower Upper
56 100
69 49.3 28.7 43.1#
84 49.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.383 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

Tgt Ion: 65 Resp: 30889
Ion Ratio Lower Upper
65 100
67 52.9 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: VY019037.D

Acq: 13 Aug 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :

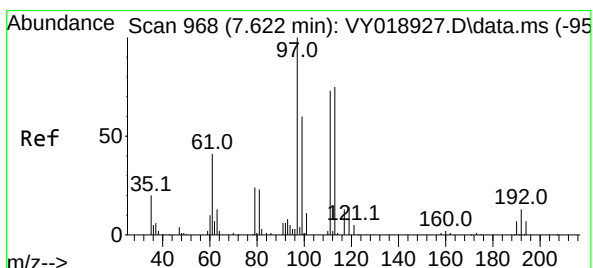
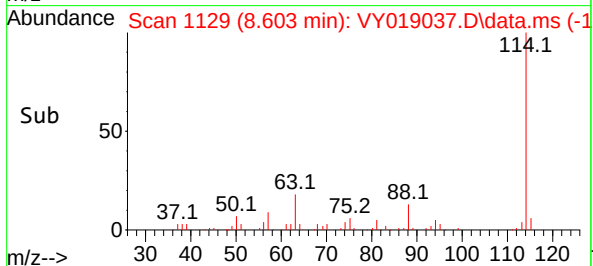
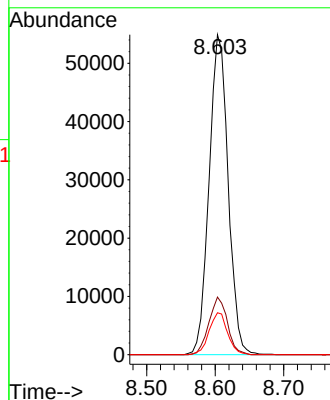
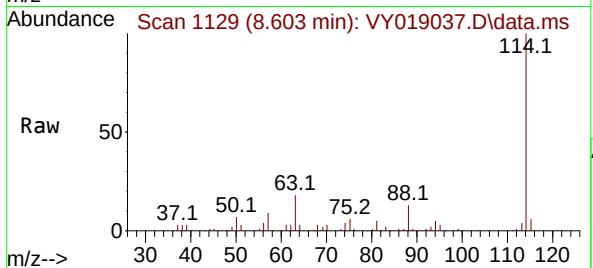
Tgt Ion:114 Resp: 106405

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.696 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

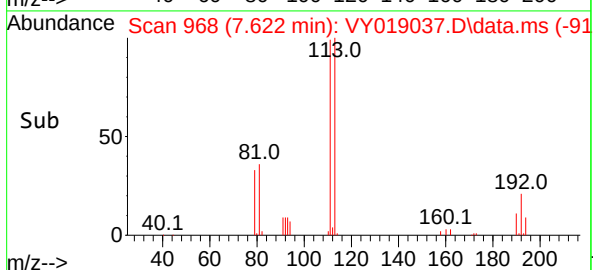
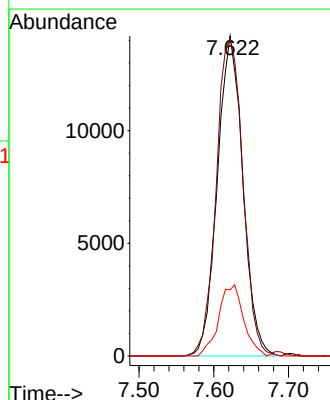
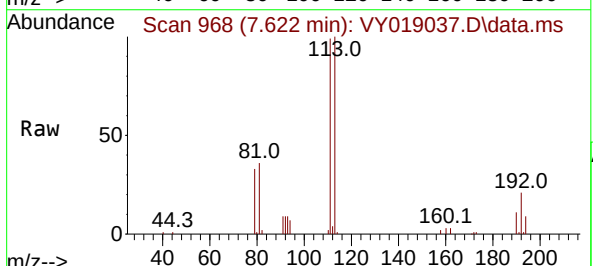
Tgt Ion:113 Resp: 33773

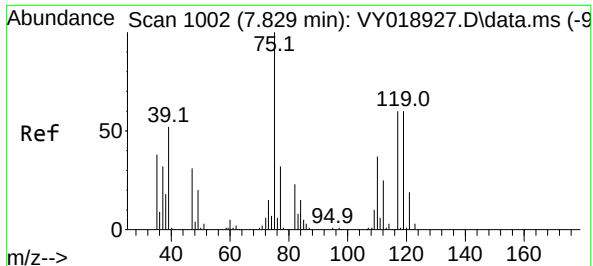
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 21.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.281 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :

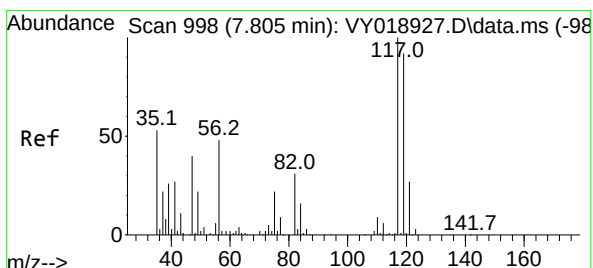
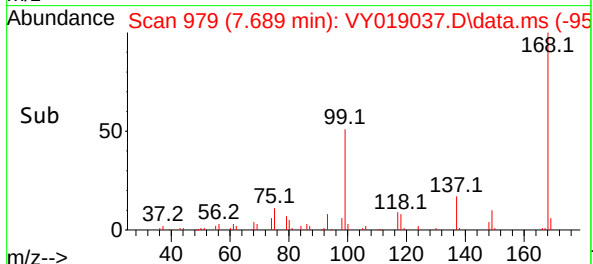
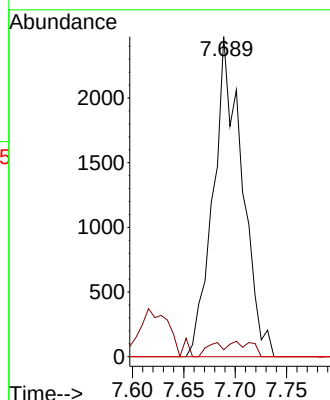
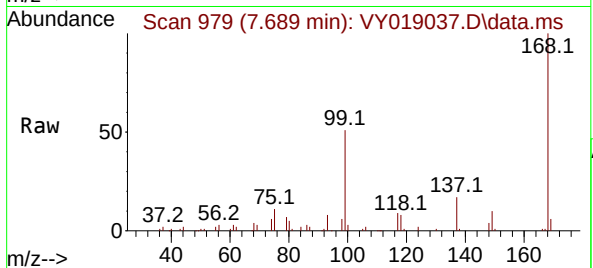
Tgt Ion: 75 Resp: 4818

Ion Ratio Lower Upper

75 100

110 2.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.288 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

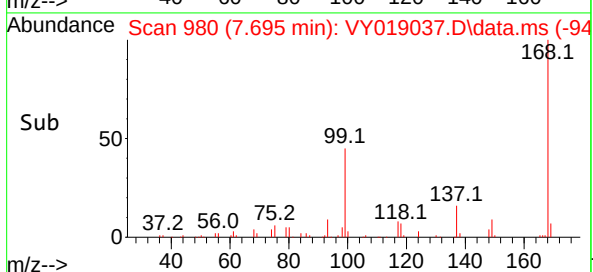
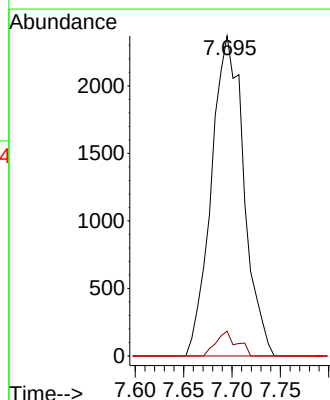
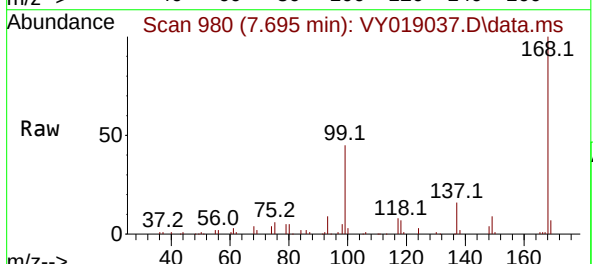
Tgt Ion: 117 Resp: 5531

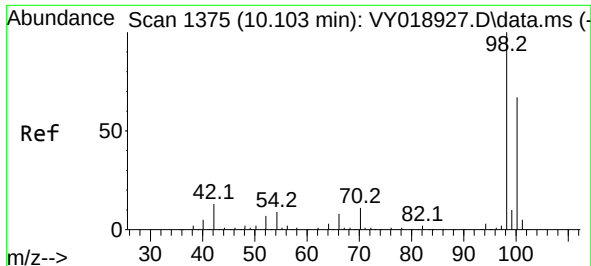
Ion Ratio Lower Upper

117 100

119 7.8 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.820 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

Instrument :

MSVOA_Y

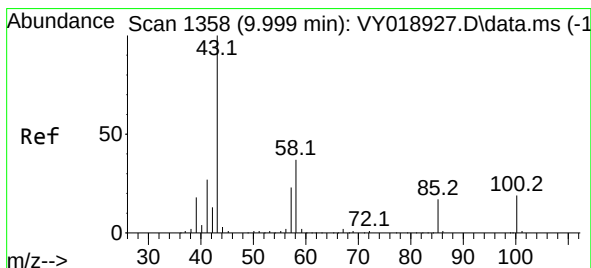
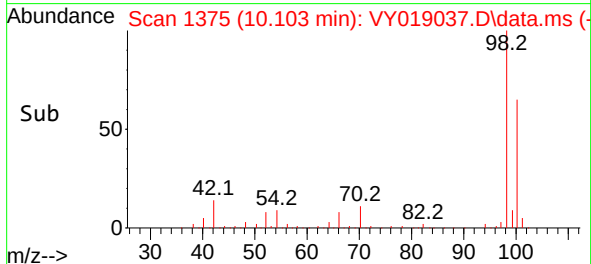
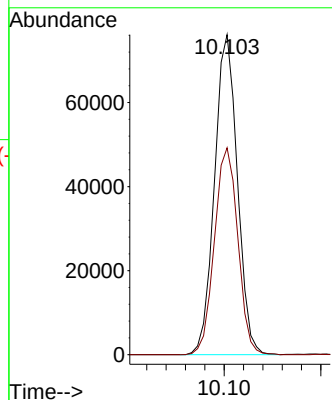
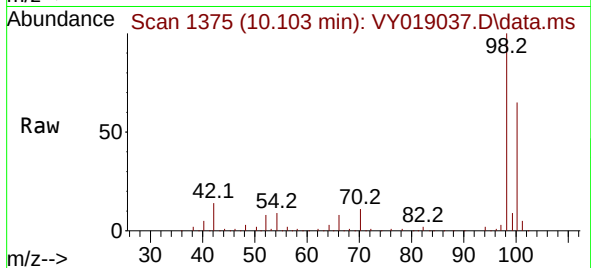
ClientSampleId :

Tgt Ion: 98 Resp: 124827

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.489 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.110 min

Lab File: VY019037.D

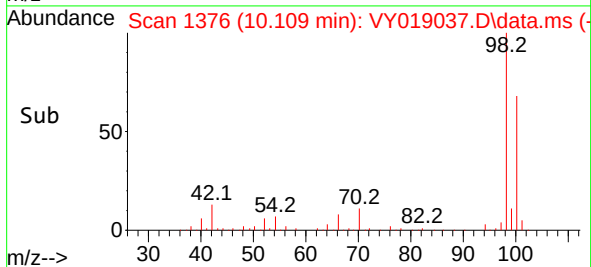
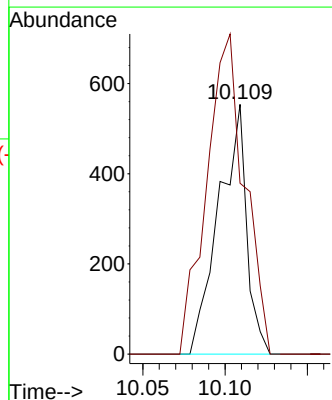
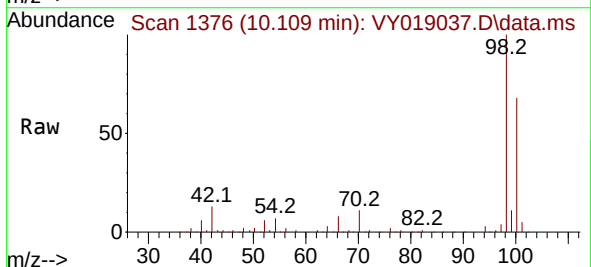
Acq: 13 Aug 2024 18:23

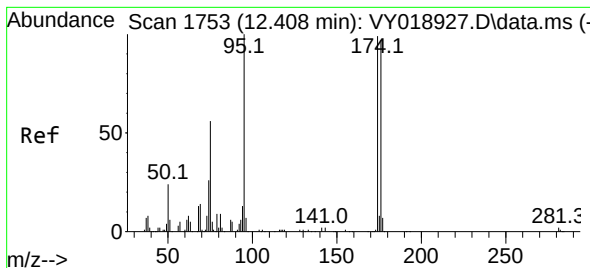
Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 174.3 35.7 53.5#

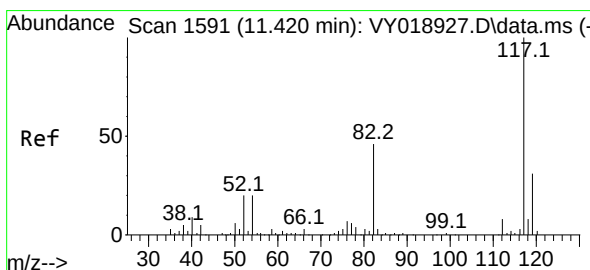
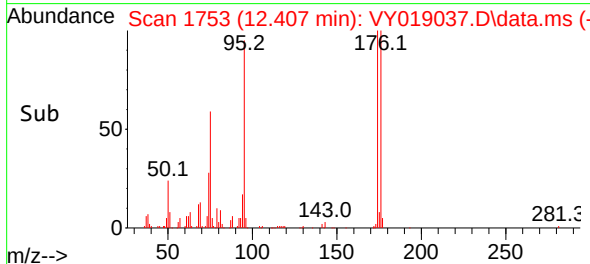
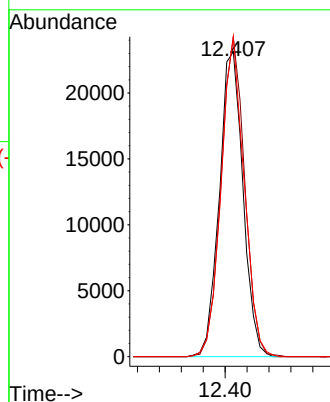
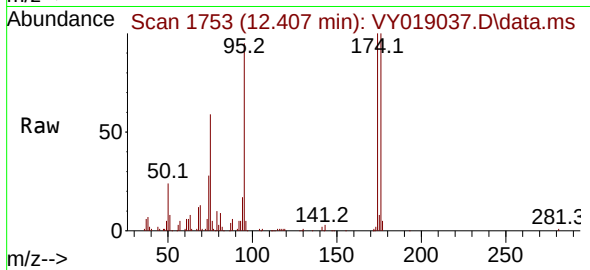




#62
4-Bromofluorobenzene
Concen: 44.843 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

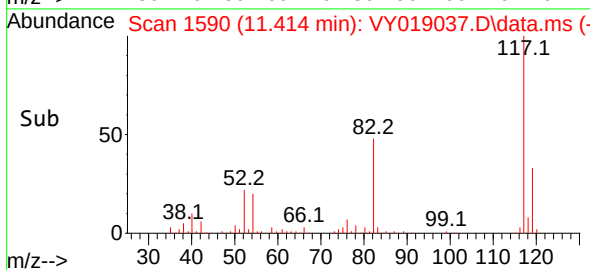
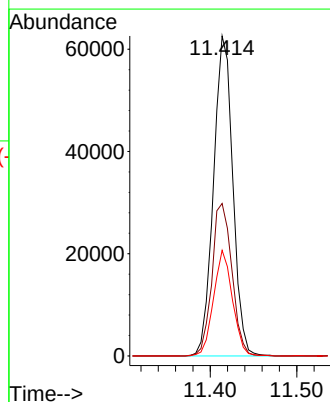
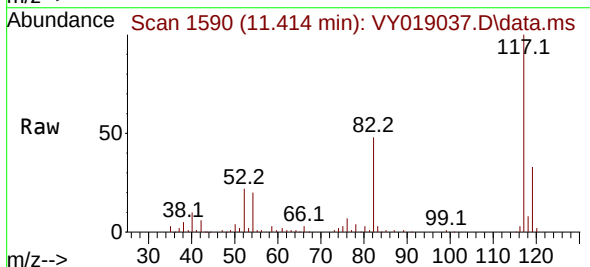
Instrument :
MSVOA_Y
ClientSampleId :

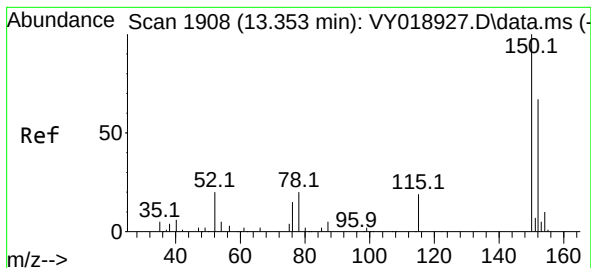
Tgt Ion: 95 Resp: 34728
Ion Ratio Lower Upper
95 100
174 104.4 0.0 175.6
176 101.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019037.D
Acq: 13 Aug 2024 18:23

Tgt Ion: 117 Resp: 96997
Ion Ratio Lower Upper
117 100
82 47.6 42.4 63.6
119 33.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY019037.D

Acq: 13 Aug 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :

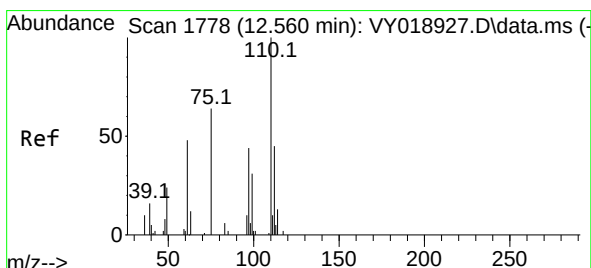
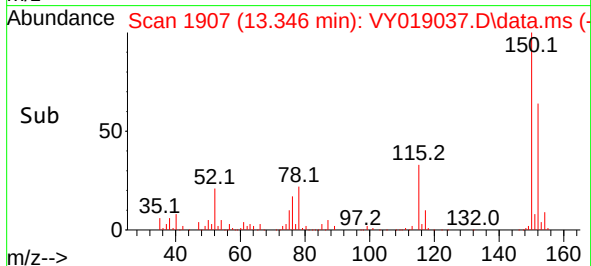
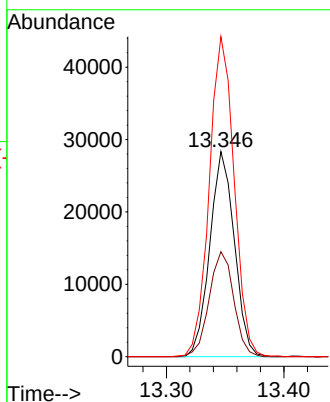
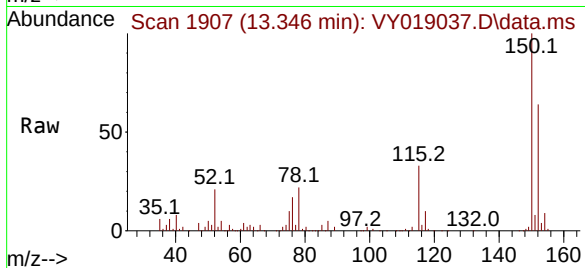
Tgt Ion:152 Resp: 41080

Ion Ratio Lower Upper

152 100

115 51.3 28.2 84.7

150 158.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 72.108 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY019037.D

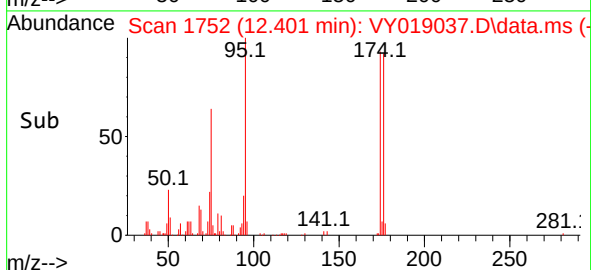
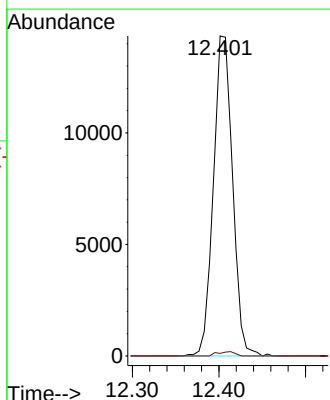
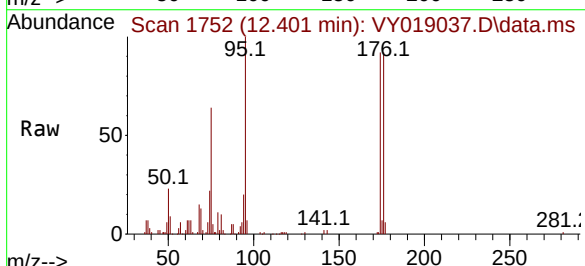
Acq: 13 Aug 2024 18:23

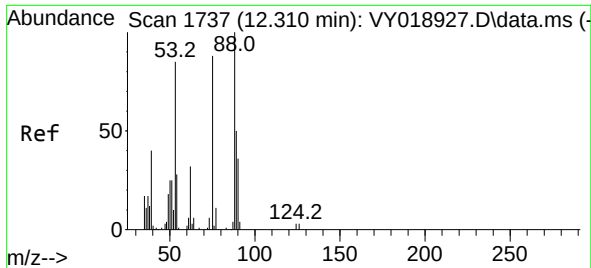
Tgt Ion: 75 Resp: 22068

Ion Ratio Lower Upper

75 100

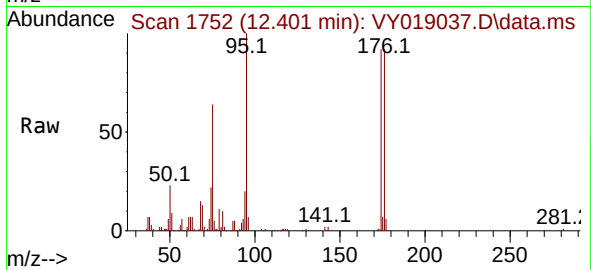
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.586 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.091 min
 Lab File: VY019037.D
 Acq: 13 Aug 2024 18:23

Instrument :
 MSVOA_Y
 ClientSampleId :



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

