

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018939.D
 Acq On : 08 Aug 2024 20:27
 Operator : SY/MD
 Sample : P3520-03
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 09 05:11:08 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)

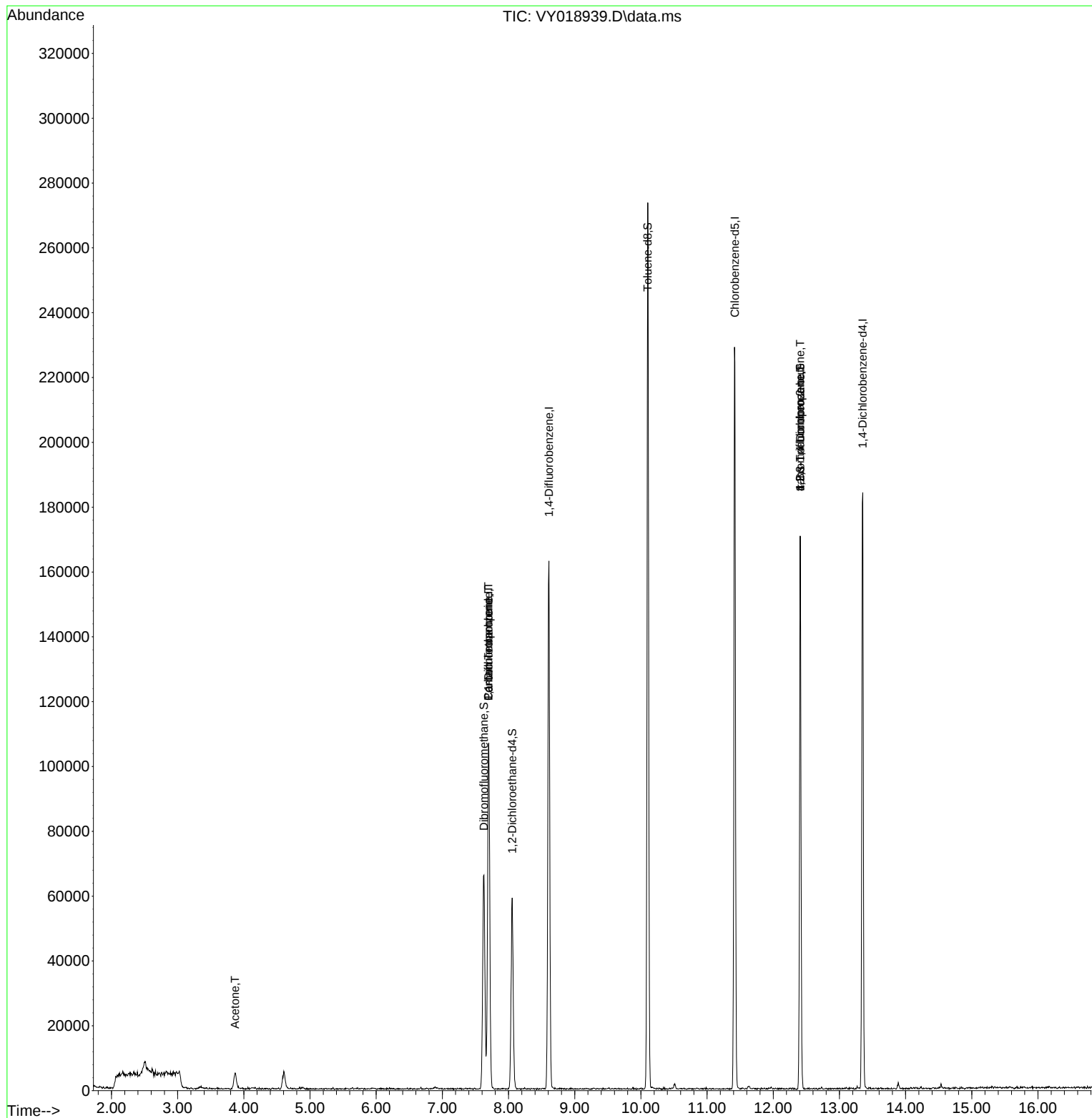
Internal Standards						
1) Pentafluorobenzene	7.695	168	85637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	142192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	118409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	44439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	36873	49.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.628	113	43865	48.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.600%
50) Toluene-d8	10.103	98	166528	47.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.408	95	41898	40.485	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.960%
Target Compounds						
3) Chloromethane	2.062	50	404	Below Cal	#	84
11) Tert butyl alcohol	4.842	59	37	Below Cal	#	88
13) Acrolein	3.513	56	30	Below Cal	#	15
16) Acetone	3.866	43	8606	54.932	ug/l #	83
20) Methylene Chloride	4.610	84	3282	Below Cal	#	87
31) Cyclohexane	7.701	56	2262	Below Cal	#	39
36) 1,1-Dichloropropene	7.695	75	7015	5.754	ug/l #	48
38) Carbon Tetrachloride	7.695	117	8402	6.011	ug/l #	18
41) Methacrylonitrile	7.232	41	56	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.408	75	23519	71.041	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23519	146.386	ug/l #	16

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

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ALS Vial : 20 Sample Multiplier: 1

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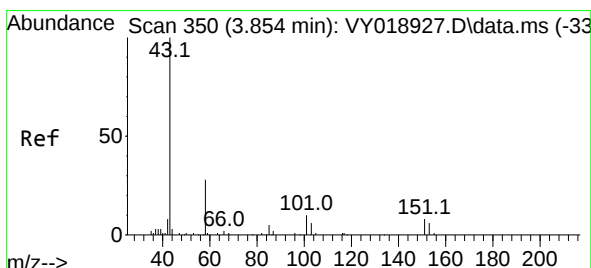
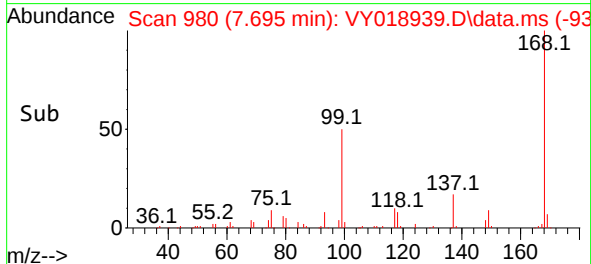
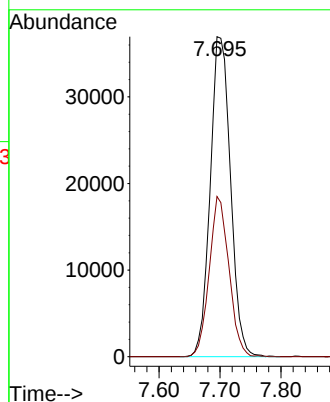
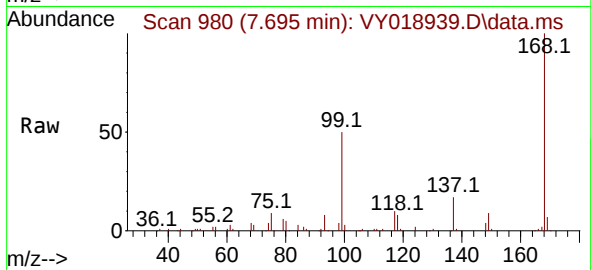




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

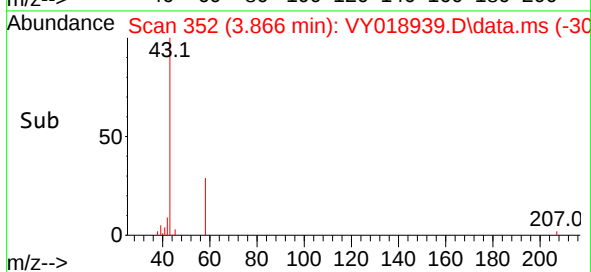
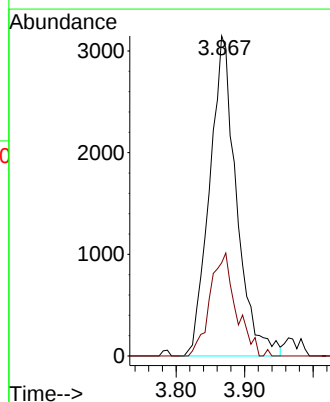
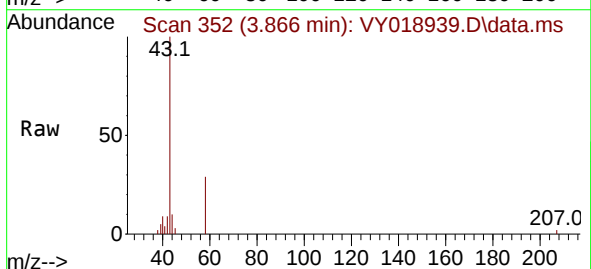
Instrument :
MSVOA_Y
ClientSampleId :

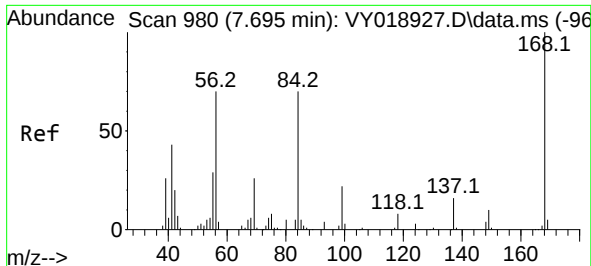
Tgt Ion:168 Resp: 85637
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#16
Acetone
Concen: 54.932 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

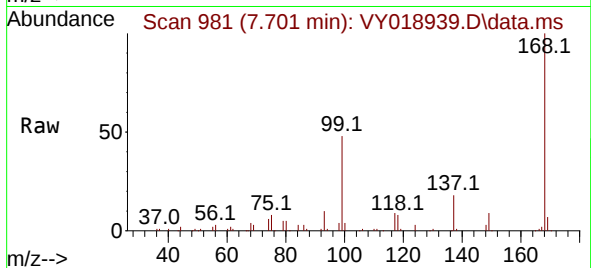
Tgt Ion: 43 Resp: 8606
Ion Ratio Lower Upper
43 100
58 29.1 31.7 47.5#



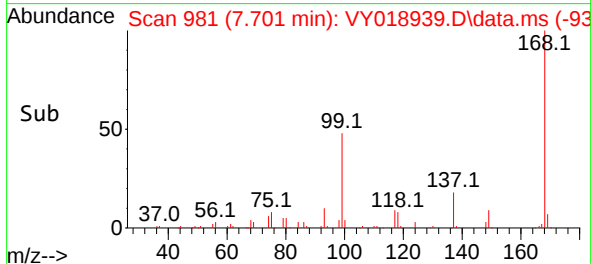
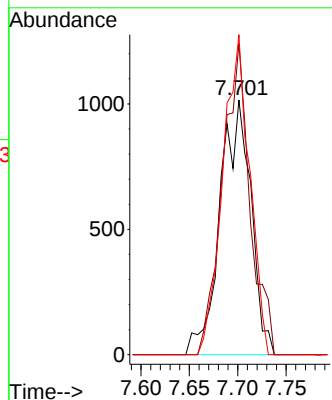


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Instrument :
MSVOA_Y
ClientSampleId :

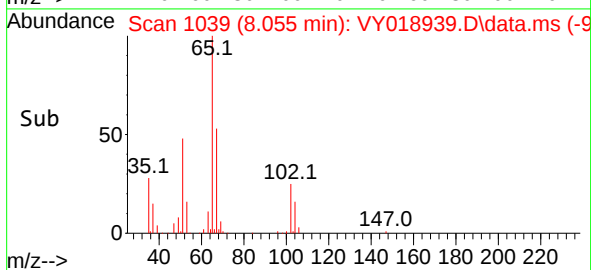
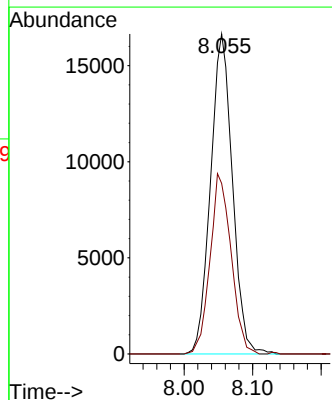
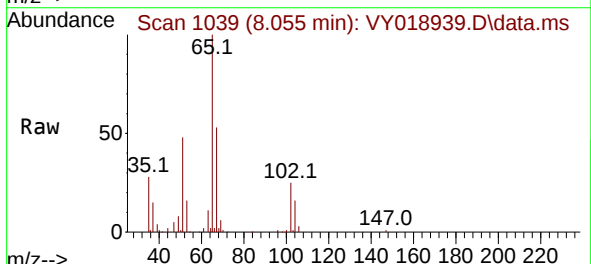


Tgt Ion: 56 Resp: 2262
Ion Ratio Lower Upper
56 100
69 122.0 28.7 43.1#
84 125.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.041 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Tgt Ion: 65 Resp: 36873
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

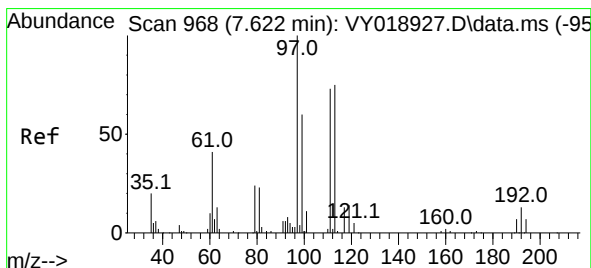
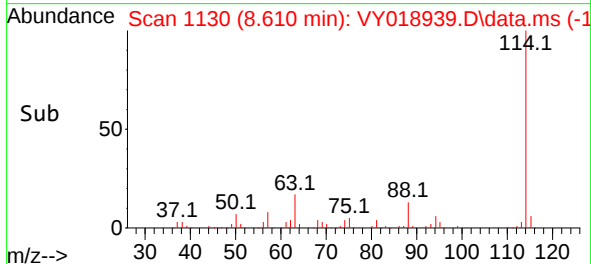
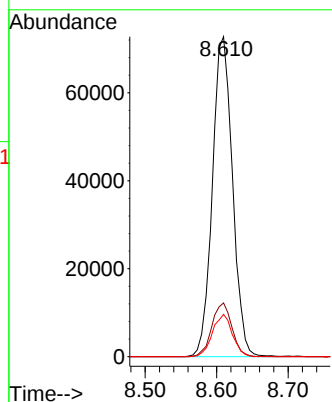
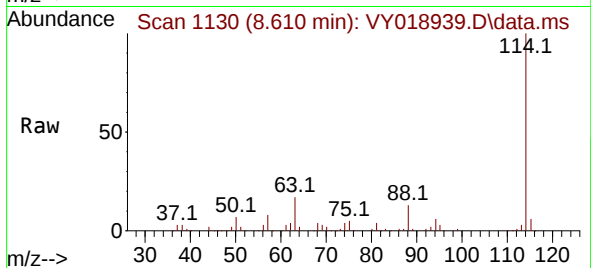




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

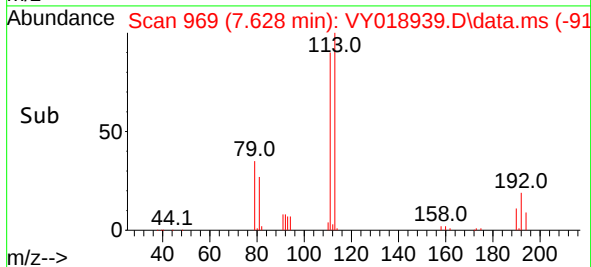
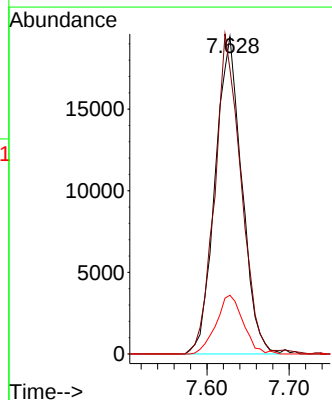
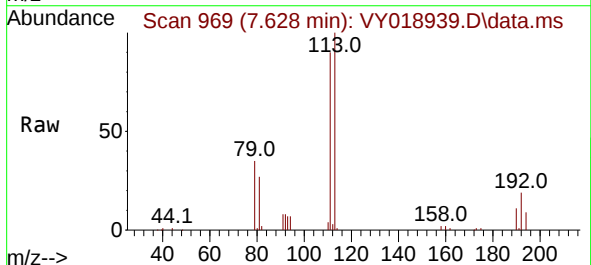
Instrument :
MSVOA_Y
ClientSampleId :

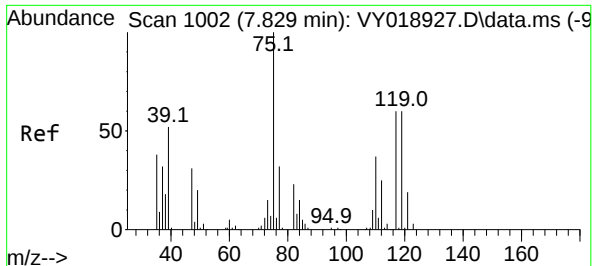
Tgt Ion:114 Resp: 142192
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.301 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Tgt Ion:113 Resp: 43865
Ion Ratio Lower Upper
113 100
111 99.1 82.2 123.4
192 18.8 15.9 23.9

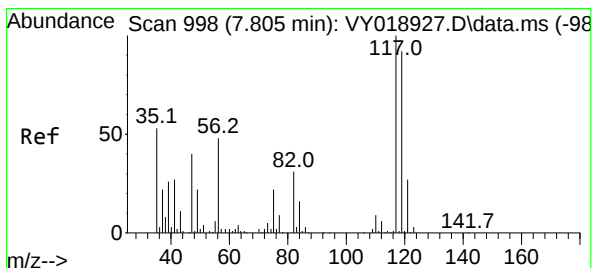
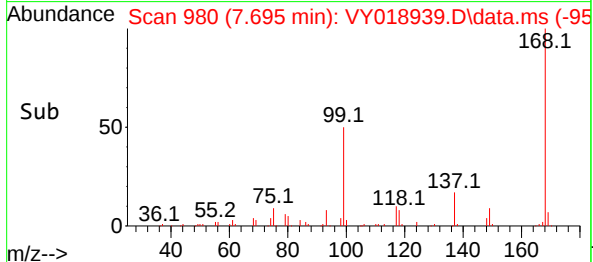
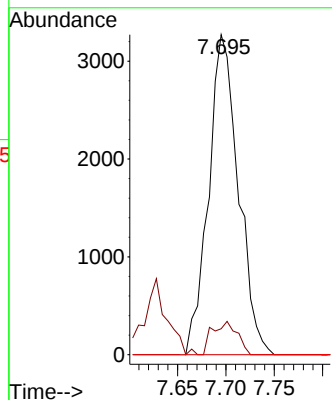
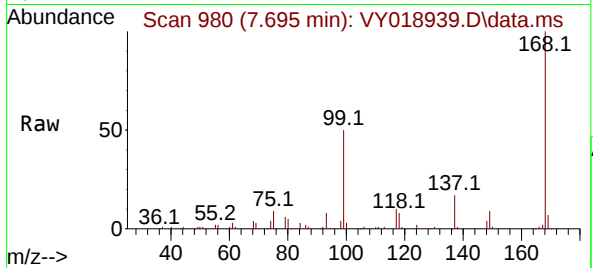




#36
1,1-Dichloropropene
Concen: 5.754 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

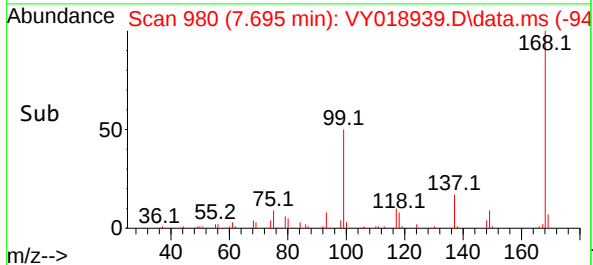
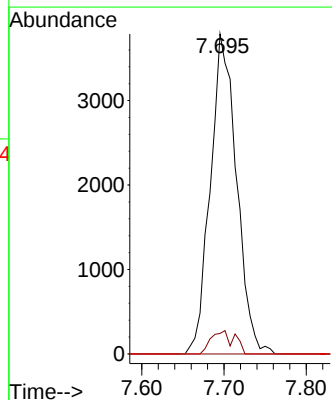
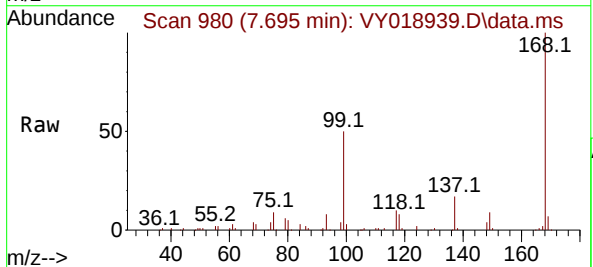
Instrument :
MSVOA_Y
ClientSampleId :

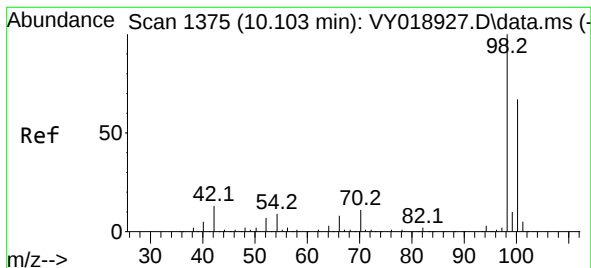
Tgt Ion: 75 Resp: 7015
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.011 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Tgt Ion: 117 Resp: 8402
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.739 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018939.D

Acq: 08 Aug 2024 20:27

Instrument :

MSVOA_Y

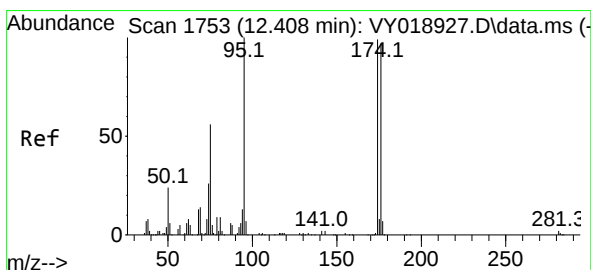
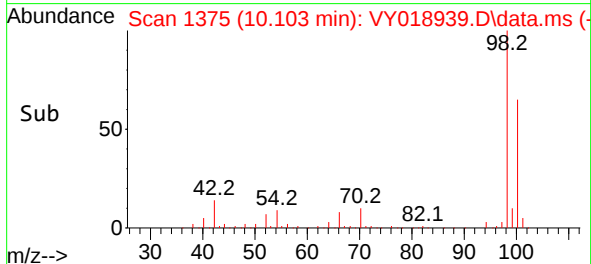
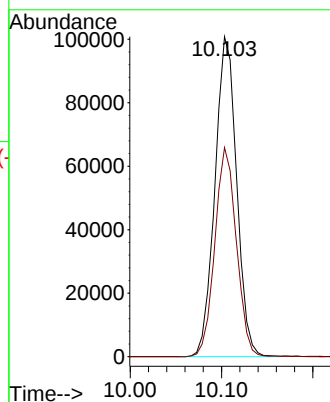
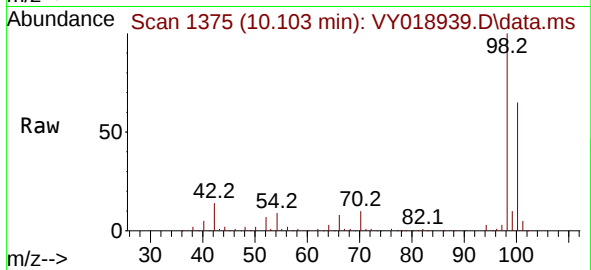
ClientSampleId :

Tgt Ion: 98 Resp: 166528

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.485 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY018939.D

Acq: 08 Aug 2024 20:27

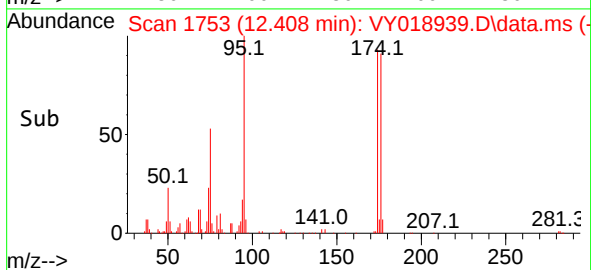
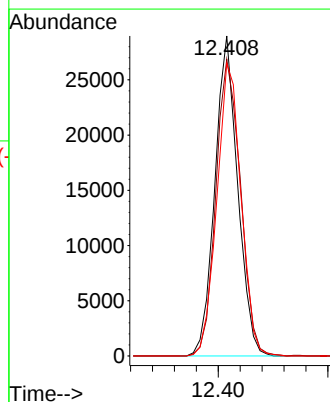
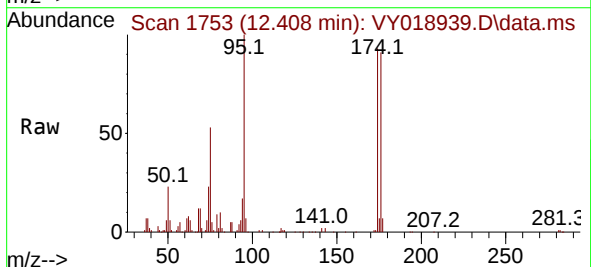
Tgt Ion: 95 Resp: 41898

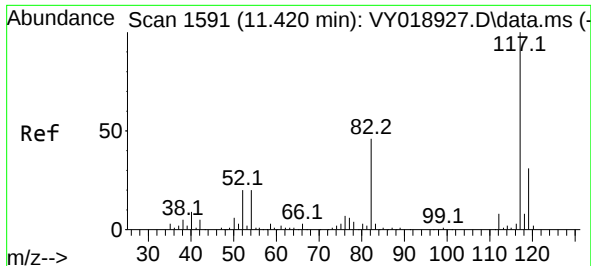
Ion Ratio Lower Upper

95 100

174 99.8 0.0 175.6

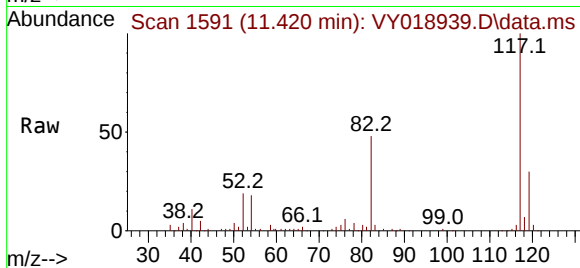
176 96.7 0.0 171.4



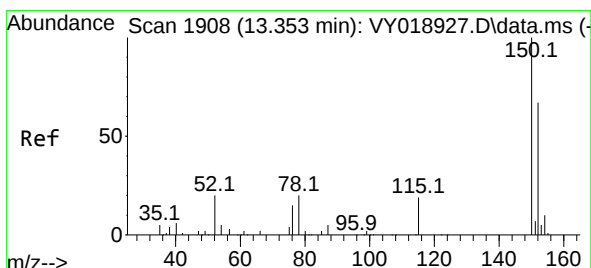
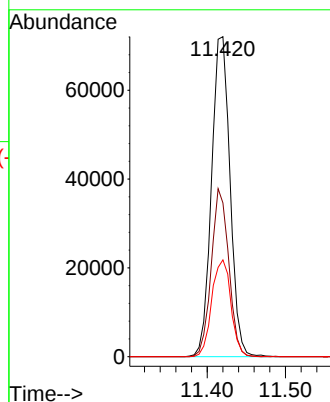
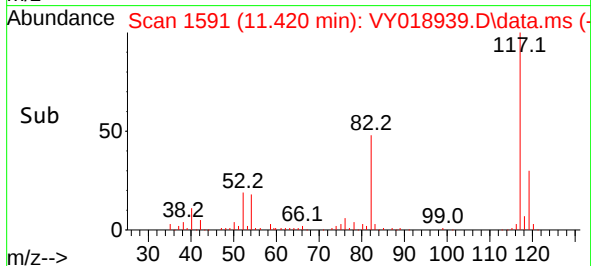


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

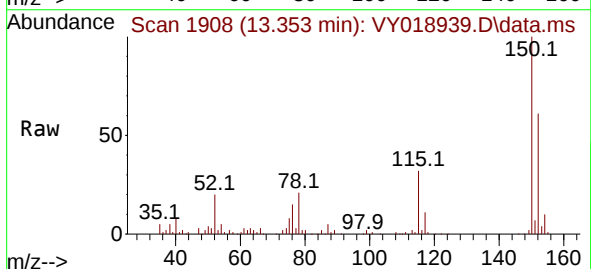
Instrument :
MSVOA_Y
ClientSampleId :



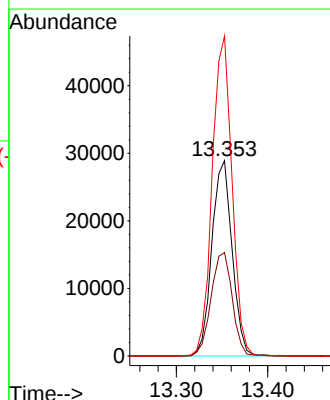
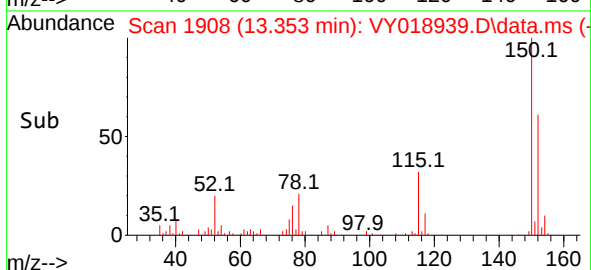
Tgt Ion:117 Resp: 118409
Ion Ratio Lower Upper
117 100
82 48.0 42.4 63.6
119 30.3 25.9 38.9

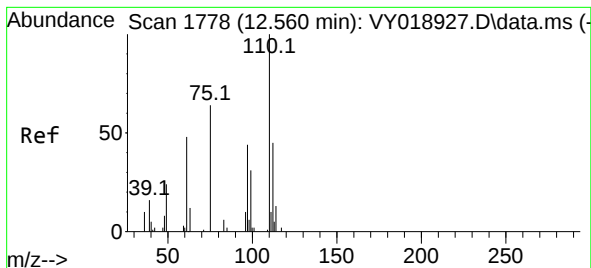


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27



Tgt Ion:152 Resp: 44439
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 159.5 0.0 345.6

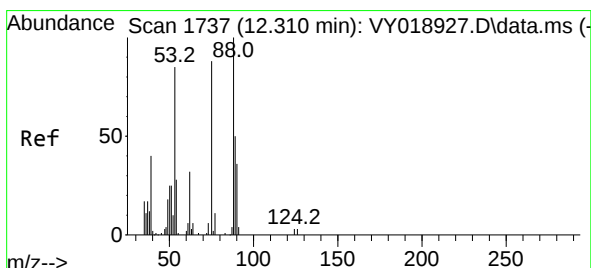
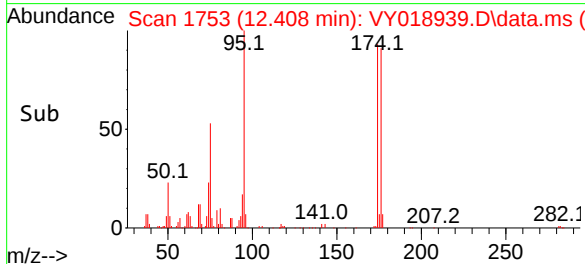
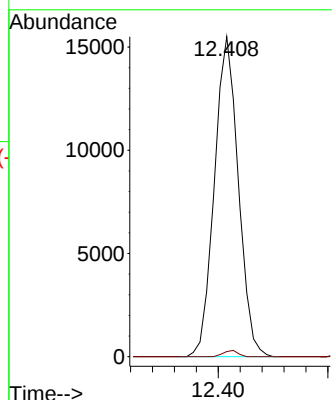
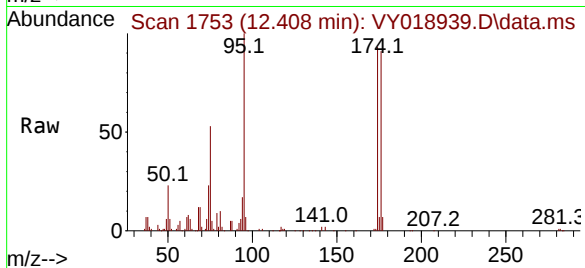




#76
1,2,3-Trichloropropane
Concen: 71.041 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 23519
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.386 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY018939.D
Acq: 08 Aug 2024 20:27

Tgt Ion: 75 Resp: 23519
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

