

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020639.D
 Acq On : 18 Dec 2024 16:27
 Operator : SY/MD
 Sample : P5299-02
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

Quant Time: Dec 19 02:50:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

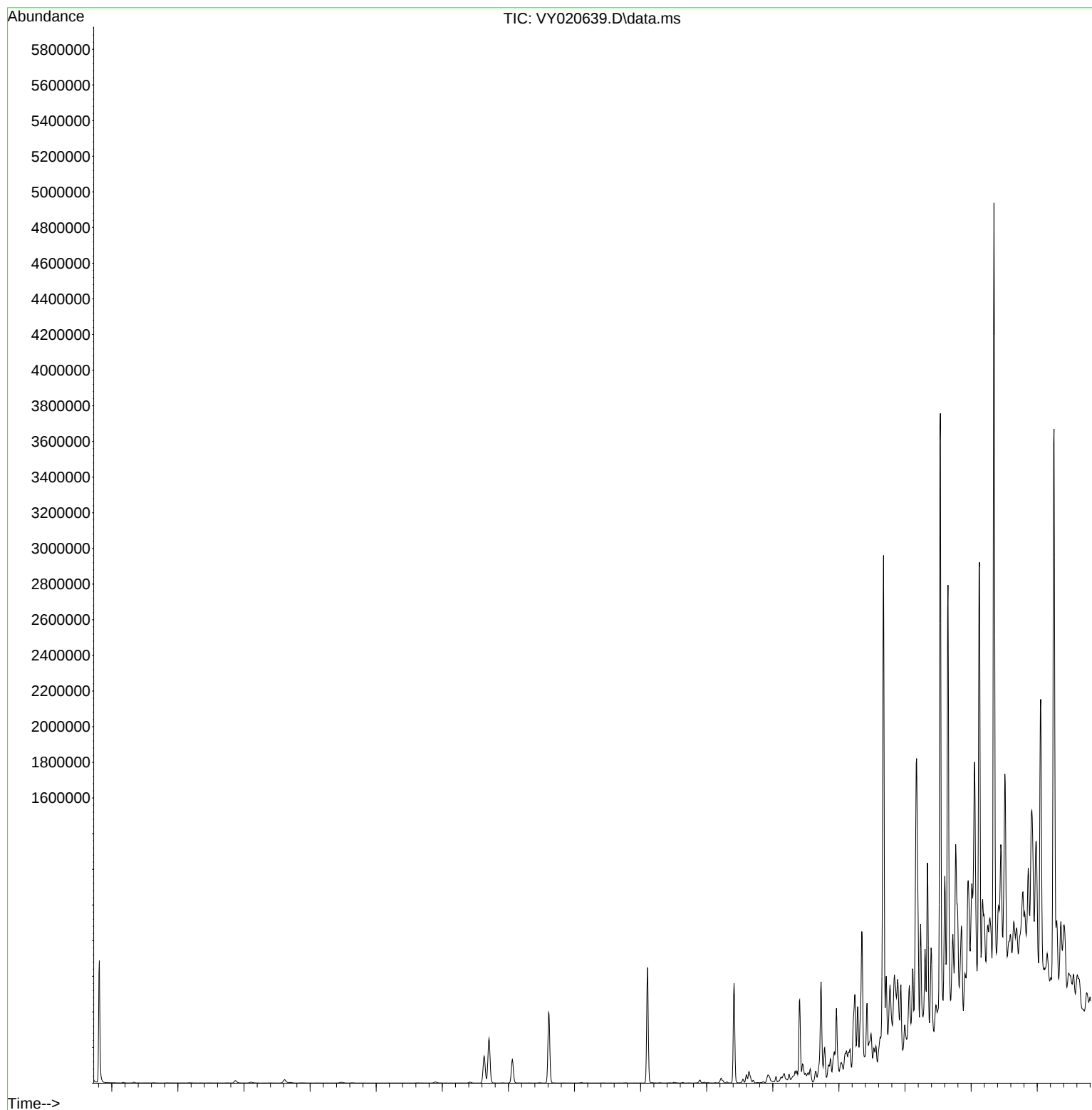
Internal Standards						
1) Pentafluorobenzene	7.707	168	192200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	339150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	294759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	123499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104831	49.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.634	113	107937	45.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.320%
50) Toluene-d8	10.103	98	408746	48.857	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.401	95	132372	40.448	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.900%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	25384	55.697	ug/l	97
17) Carbon Disulfide	4.104	76	8955	1.142	ug/l	99
20) Methylene Chloride	4.616	84	13870	5.300	ug/l	94
25) 2-Butanone	6.890	43	8591	10.982	ug/l	93

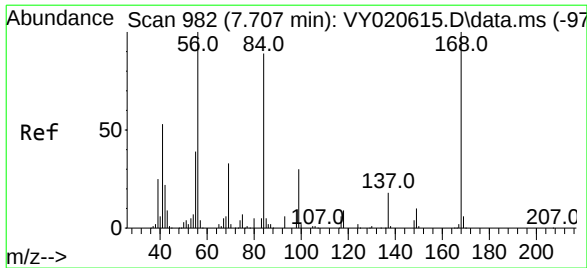
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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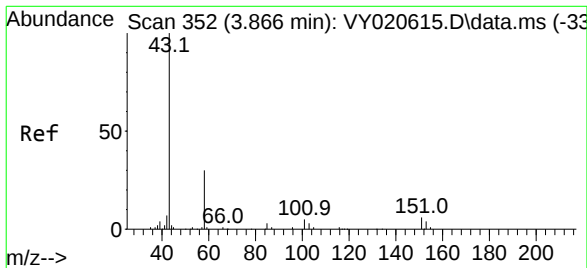
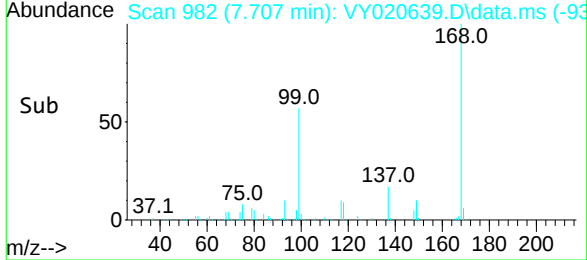
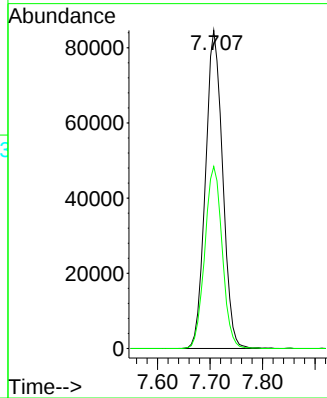
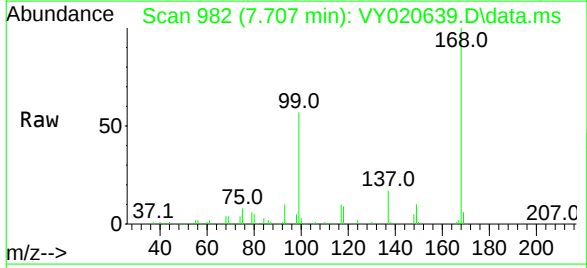




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

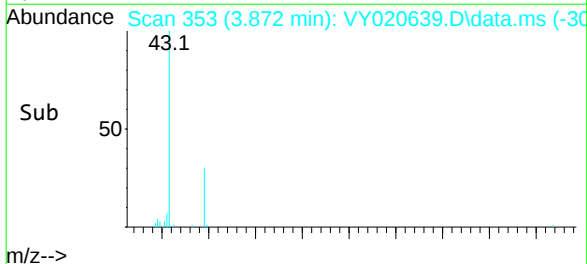
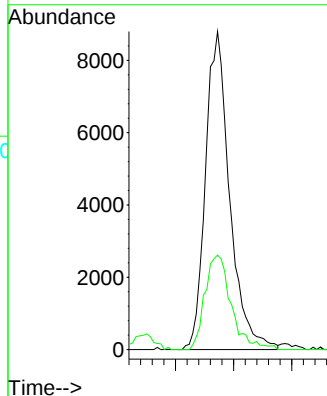
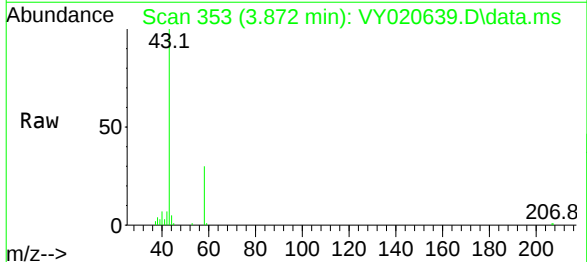
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

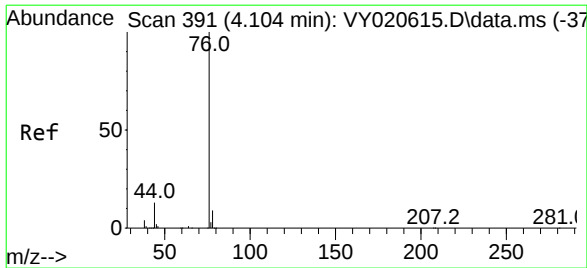
Tgt Ion:168 Resp: 192200
Ion Ratio Lower Upper
168 100
99 57.2 47.0 70.6



#16
Acetone
Concen: 55.697 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion: 43 Resp: 25384
Ion Ratio Lower Upper
43 100
58 29.7 25.0 37.6

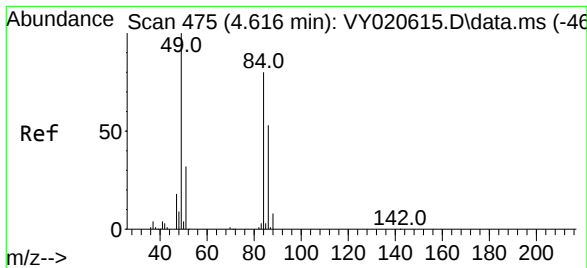
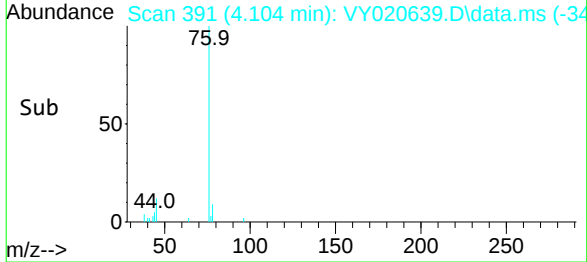
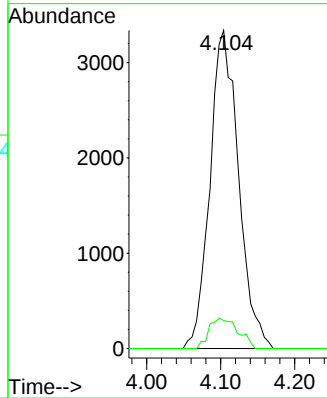
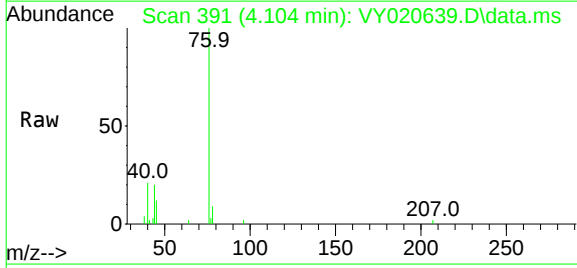




#17
Carbon Disulfide
Concen: 1.142 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

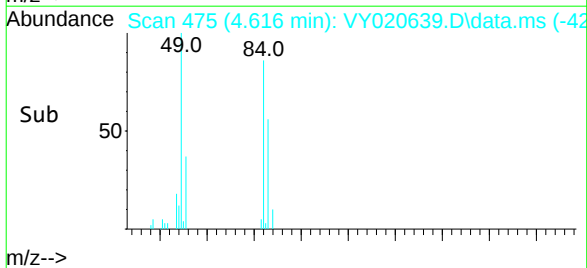
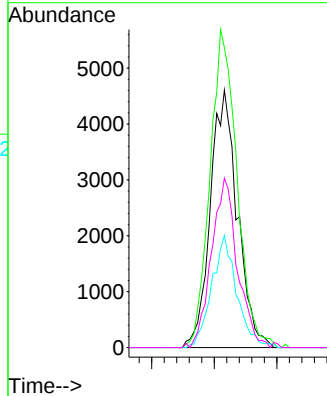
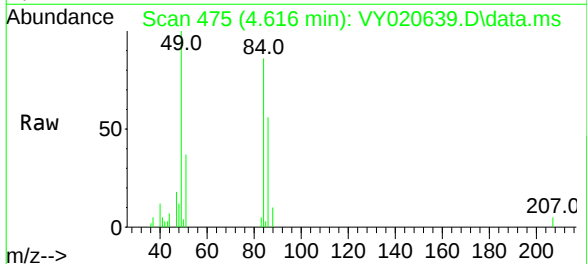
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

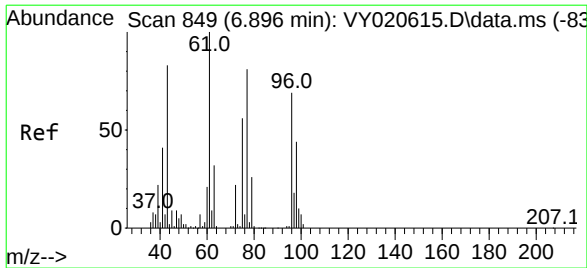
Tgt Ion: 76 Resp: 8955
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#20
Methylene Chloride
Concen: 5.300 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion: 84 Resp: 13870
Ion Ratio Lower Upper
84 100
49 116.6 100.7 151.1
51 43.5 32.2 48.2
86 65.8 53.0 79.6

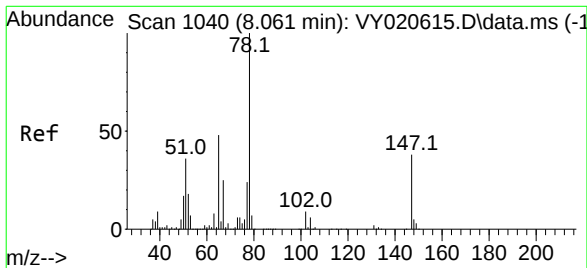
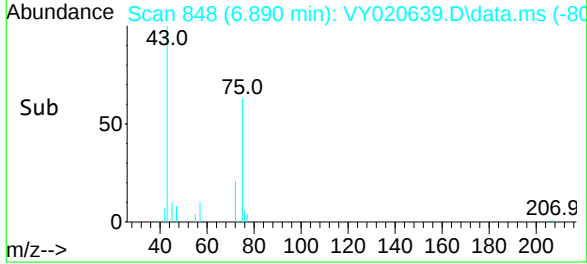
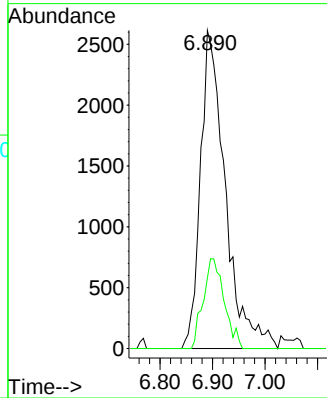
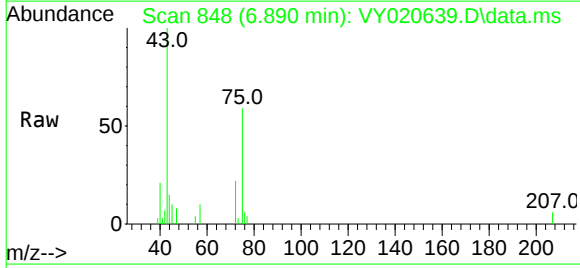




#25
2-Butanone
Concen: 10.982 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

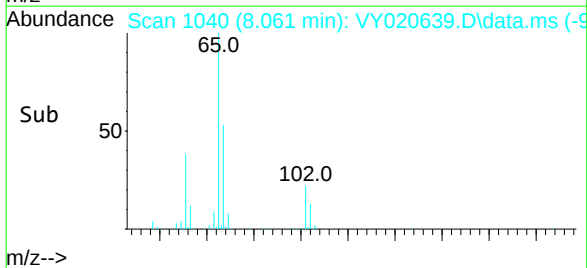
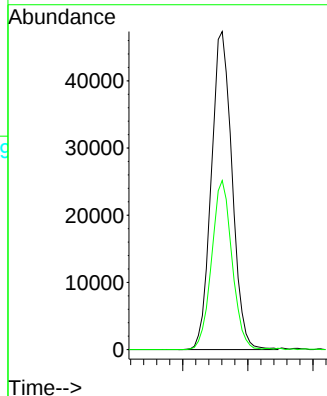
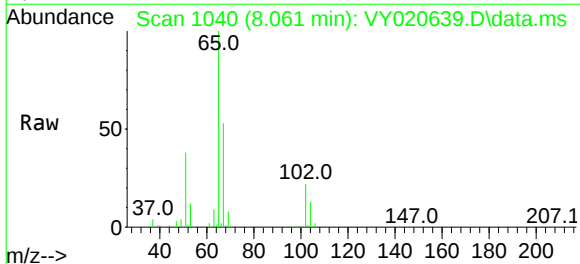
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

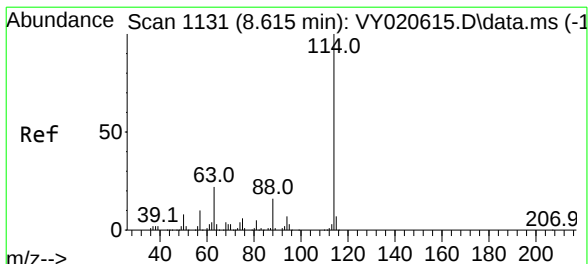
Tgt Ion: 43 Resp: 8591
Ion Ratio Lower Upper
43 100
72 22.2 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 49.801 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020639.D
Acq: 18 Dec 2024 16:27

Tgt Ion: 65 Resp: 104831
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0

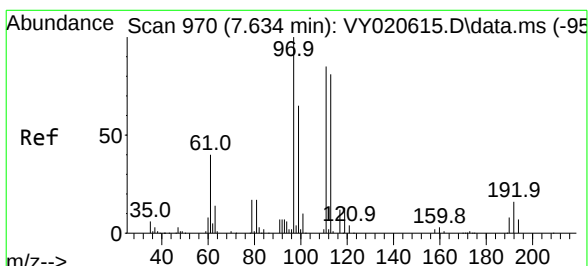
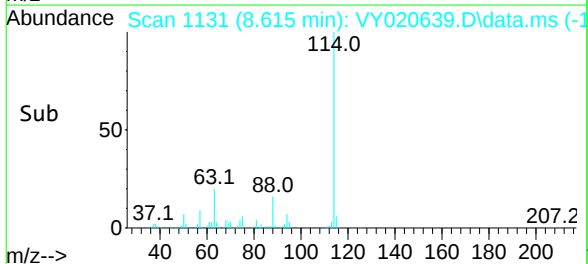
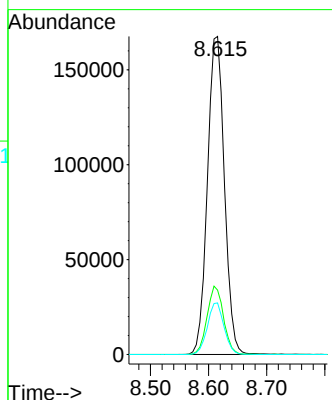
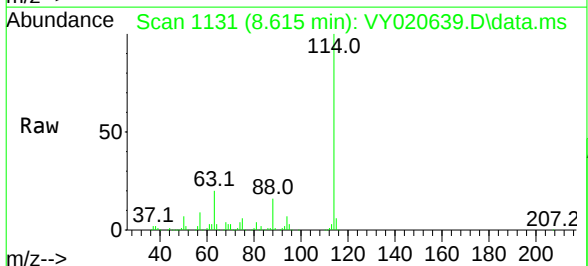




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020639.D
 Acq: 18 Dec 2024 16:27

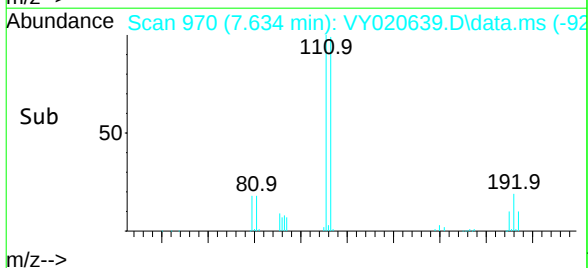
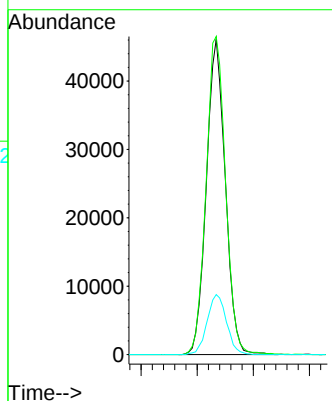
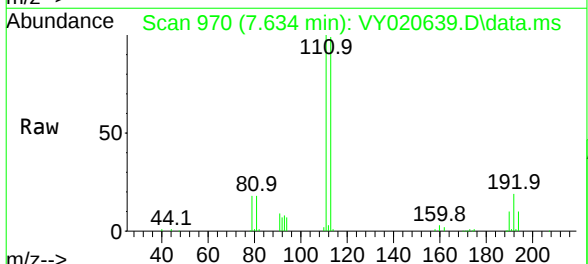
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

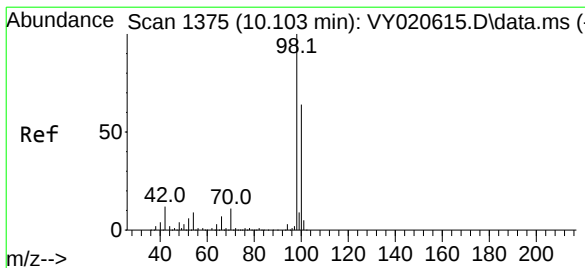
Tgt Ion:	114	Resp:	339150
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	44.0
88	16.2	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 45.157 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020639.D
 Acq: 18 Dec 2024 16:27

Tgt Ion:	113	Resp:	107937
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	19.5	15.7	23.5





#50

Toluene-d8

Concen: 48.857 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

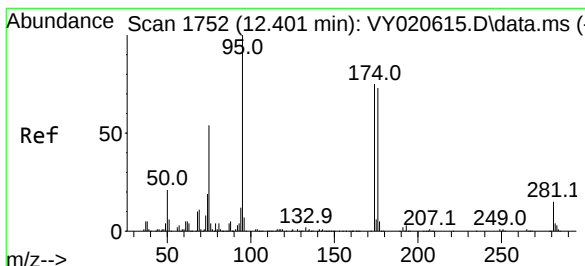
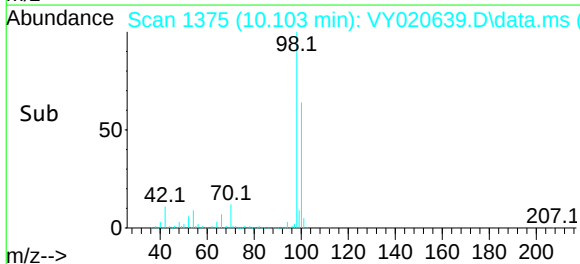
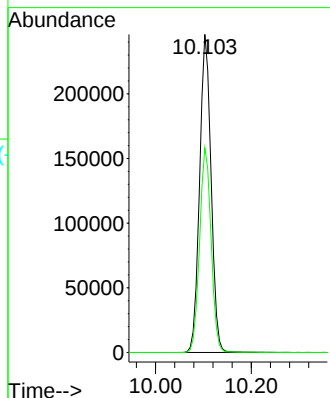
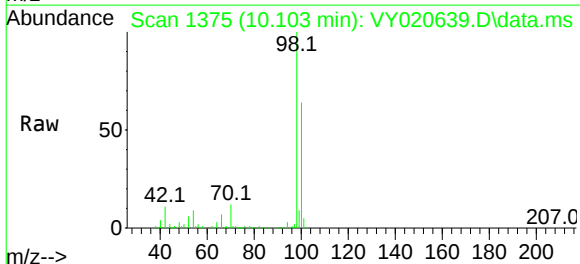
SB-02

Tgt Ion: 98 Resp: 408746

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 40.448 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

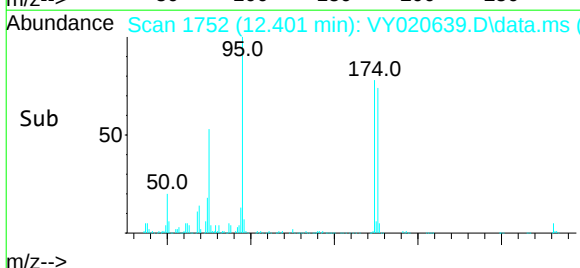
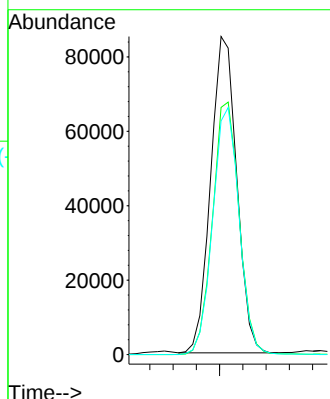
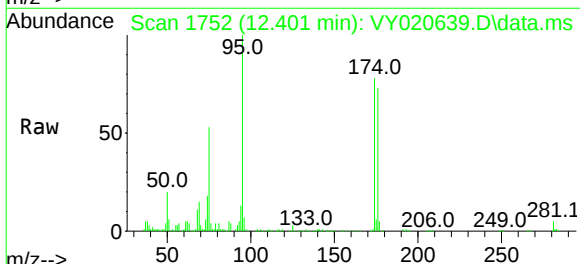
Tgt Ion: 95 Resp: 132372

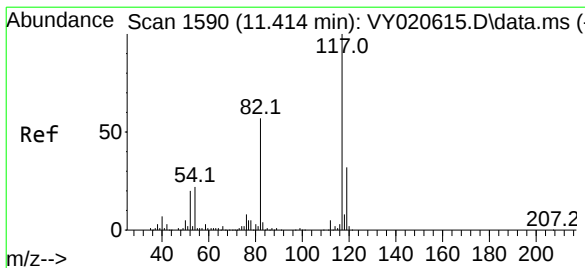
Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.8

176 79.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-02

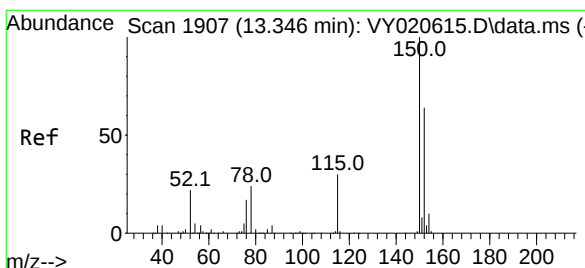
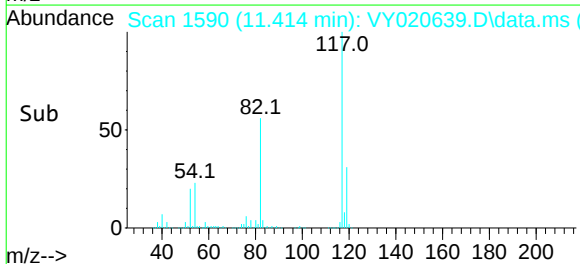
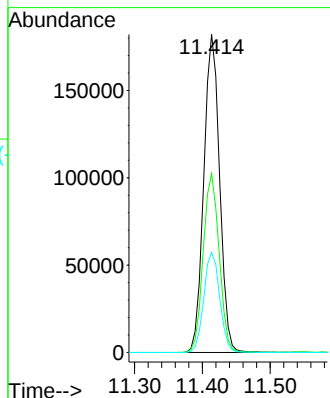
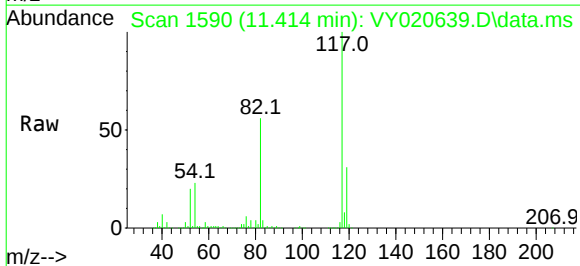
Tgt Ion:117 Resp: 294759

Ion Ratio Lower Upper

117 100

82 56.2 45.8 68.6

119 31.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020639.D

Acq: 18 Dec 2024 16:27

Tgt Ion:152 Resp: 123499

Ion Ratio Lower Upper

152 100

115 58.8 30.2 90.6

150 155.3 0.0 355.4

