

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020635.D
 Acq On : 18 Dec 2024 14:54
 Operator : SY/MD
 Sample : P5299-04
 Misc : 6.77g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

Quant Time: Dec 19 02:48:56 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)

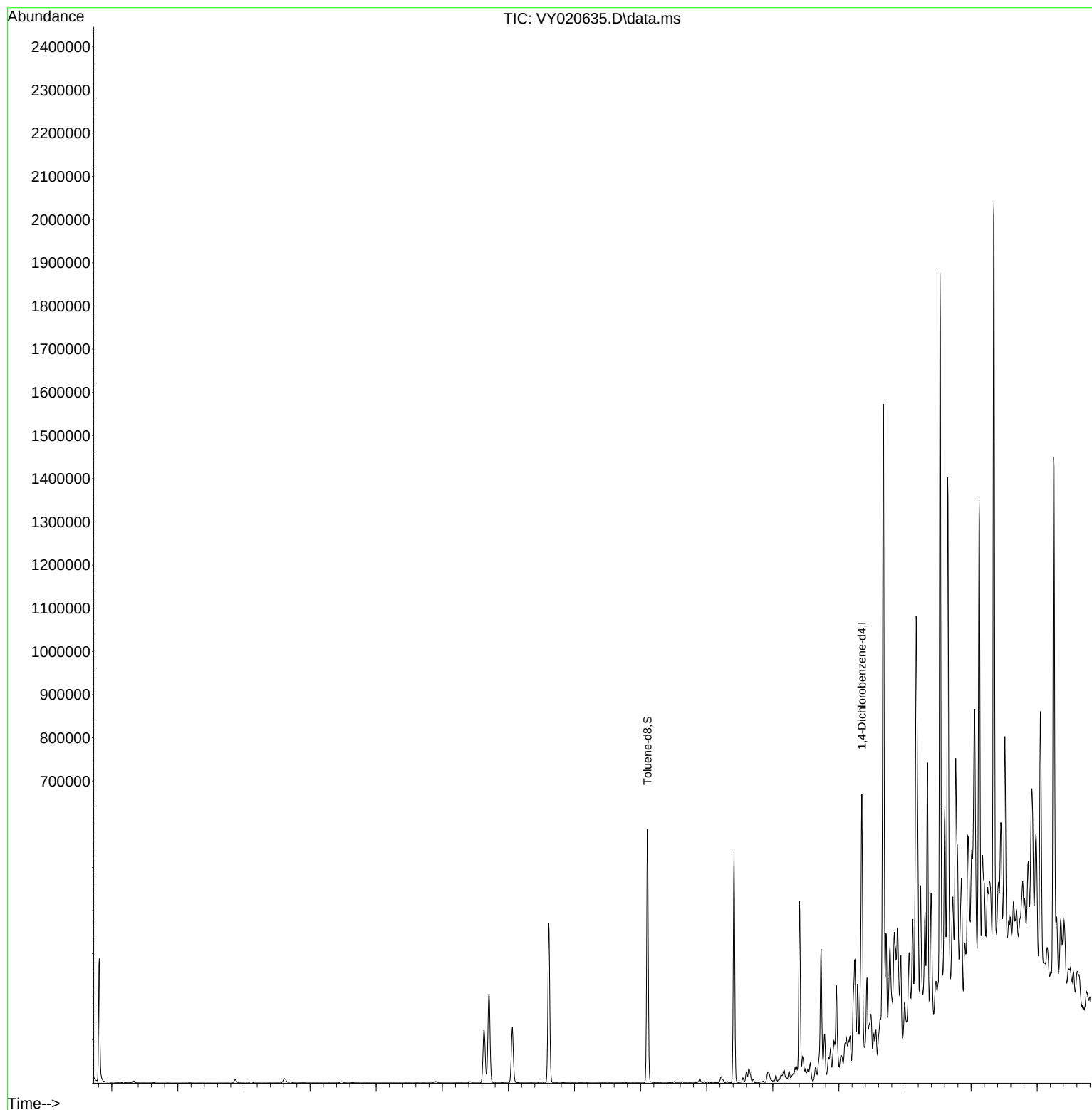
Internal Standards						
1) Pentafluorobenzene	7.707	168	157761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	310451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	269674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	117196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101134	58.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.060%
35) Dibromofluoromethane	7.634	113	88259	40.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.680%
50) Toluene-d8	10.103	98	372749	48.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.402	95	122857	41.011	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.020%
Target Compounds						
16) Acetone	3.867	43	13742	34.486	ug/l	96
25) 2-Butanone	6.896	43	5232	8.148	ug/l	96

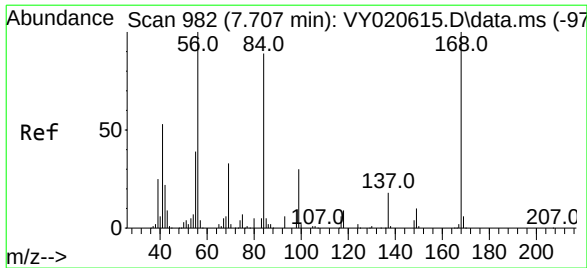
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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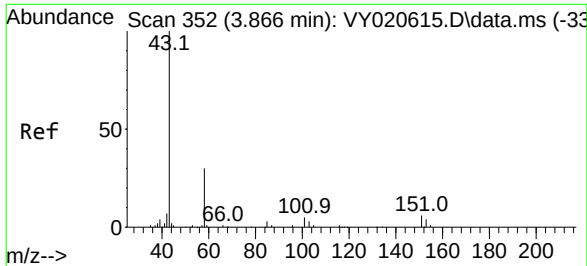
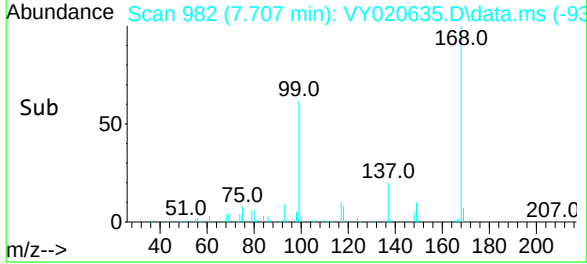
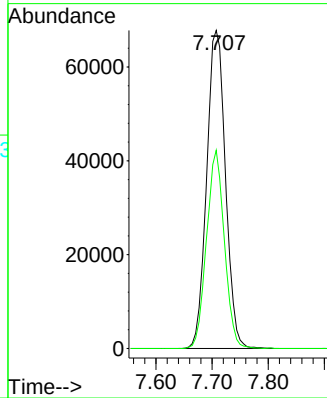
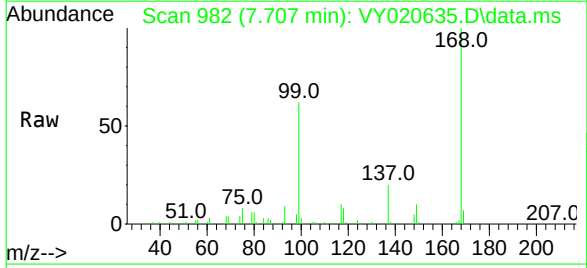




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

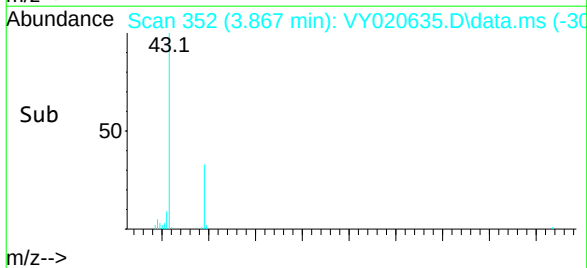
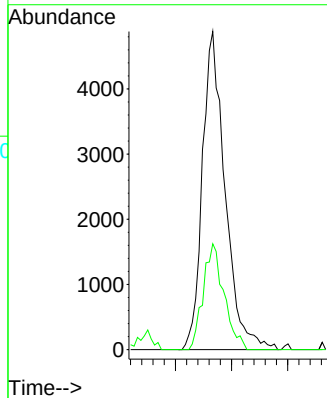
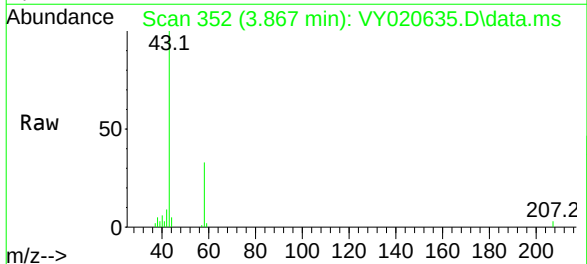
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

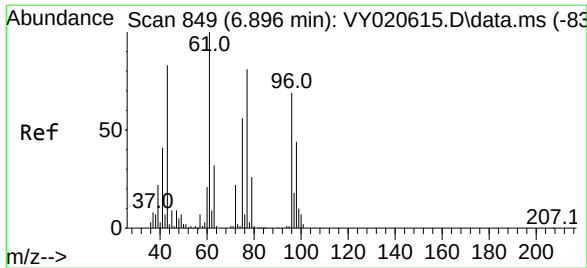
Tgt Ion:168 Resp: 157761
Ion Ratio Lower Upper
168 100
99 62.3 47.0 70.6



#16
Acetone
Concen: 34.486 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Tgt Ion: 43 Resp: 13742
Ion Ratio Lower Upper
43 100
58 33.3 25.0 37.6

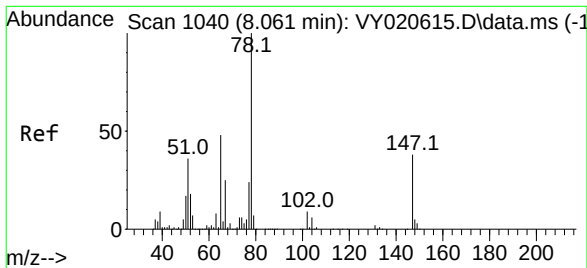
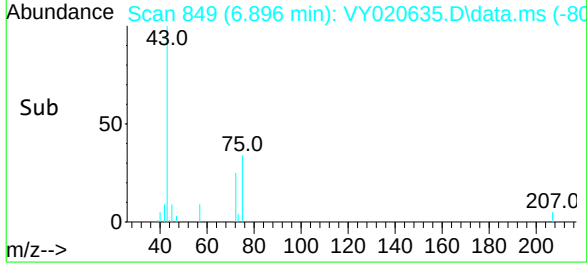
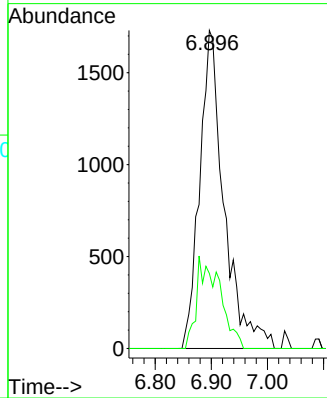
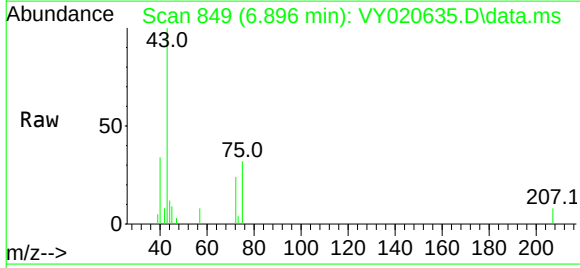




#25
2-Butanone
Concen: 8.148 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

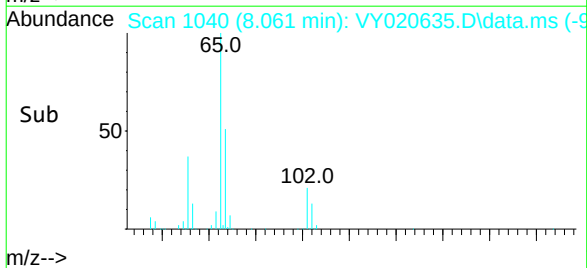
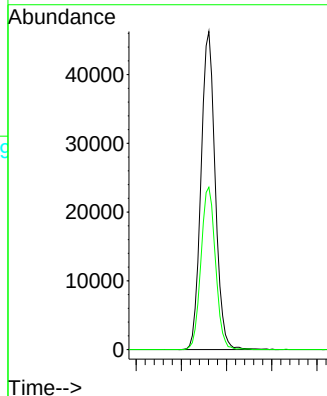
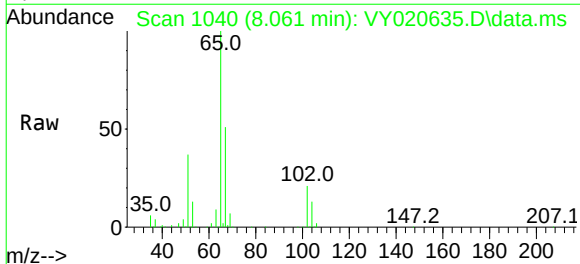
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

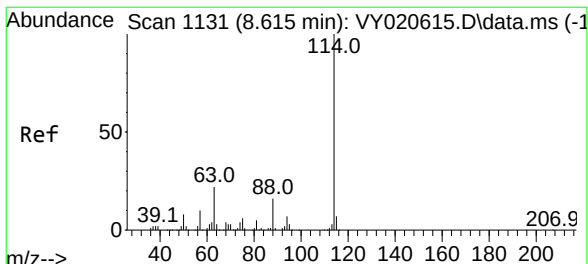
Tgt Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
72 23.6 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 58.533 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Tgt Ion: 65 Resp: 101134
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0

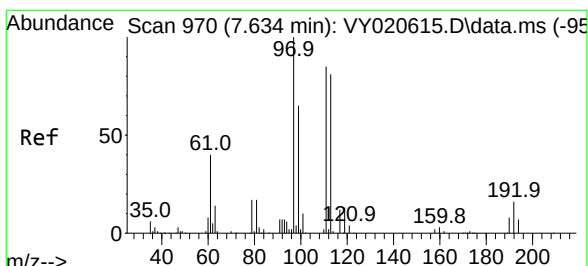
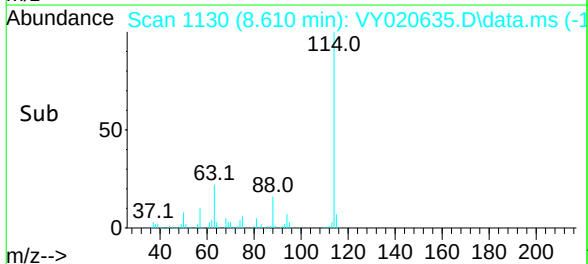
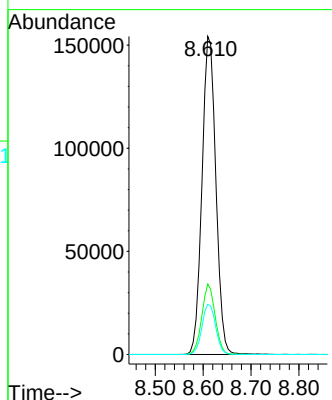
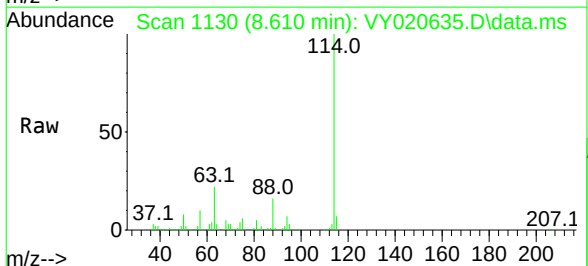




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020635.D
 Acq: 18 Dec 2024 14:54

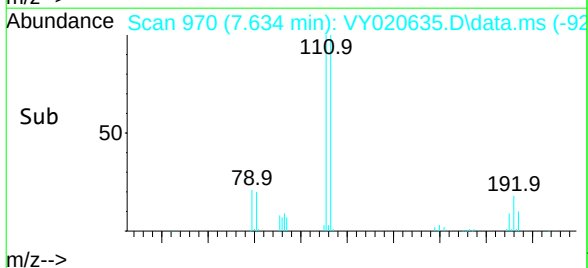
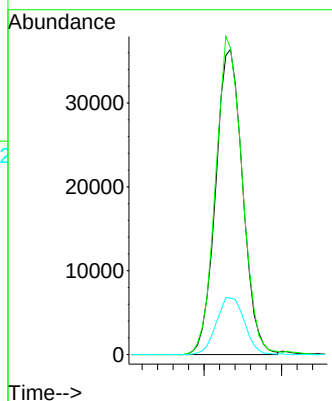
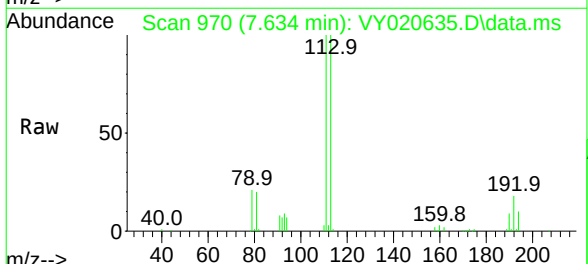
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

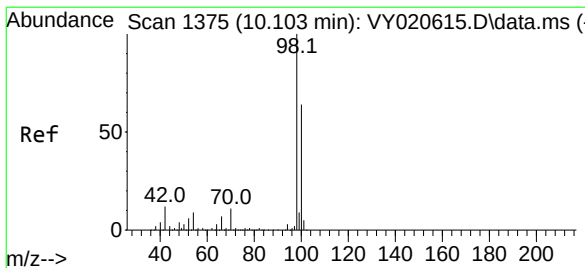
Tgt Ion:	114	Resp:	310451
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	15.7	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 40.338 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020635.D
 Acq: 18 Dec 2024 14:54

Tgt Ion:	113	Resp:	88259
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	19.5	15.7	23.5





#50

Toluene-d8

Concen: 48.673 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020635.D

Acq: 18 Dec 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

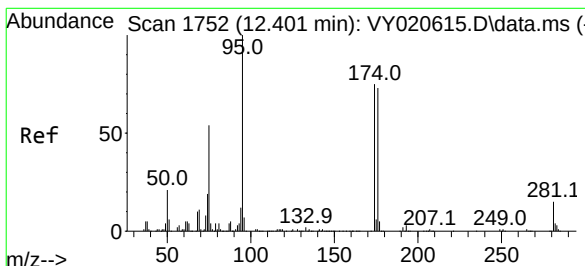
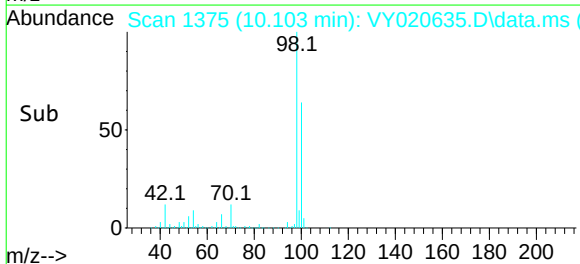
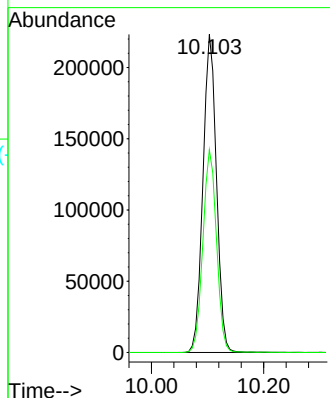
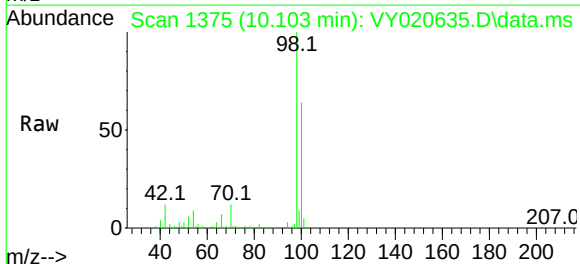
SB-02

Tgt Ion: 98 Resp: 372749

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 41.011 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020635.D

Acq: 18 Dec 2024 14:54

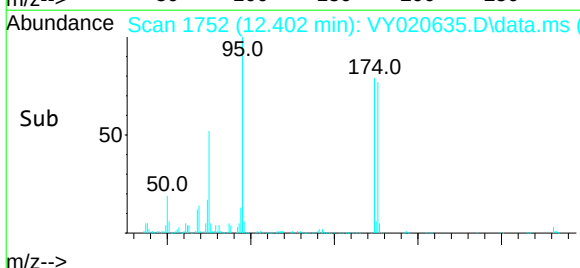
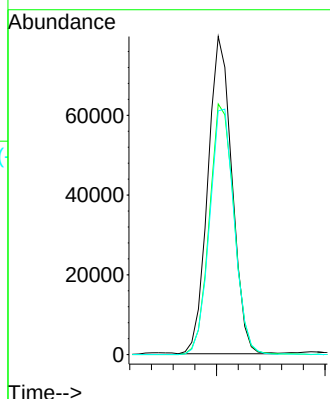
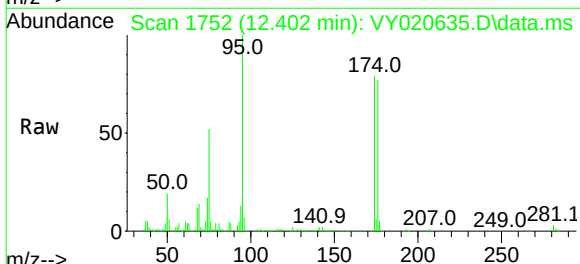
Tgt Ion: 95 Resp: 122857

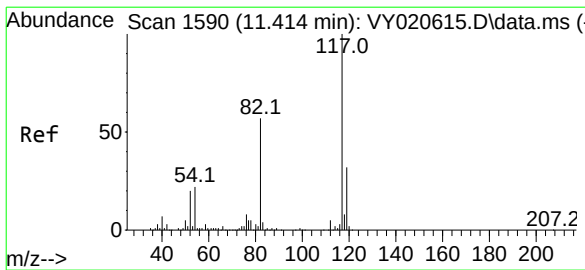
Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.8

176 79.2 0.0 156.6

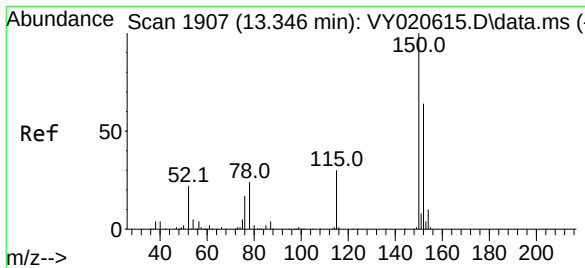
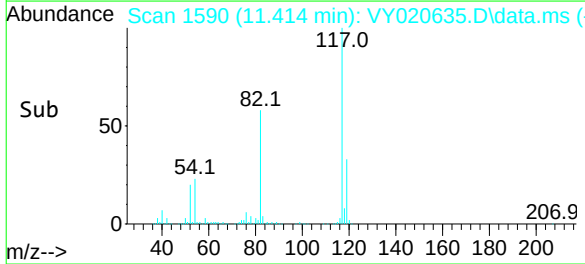
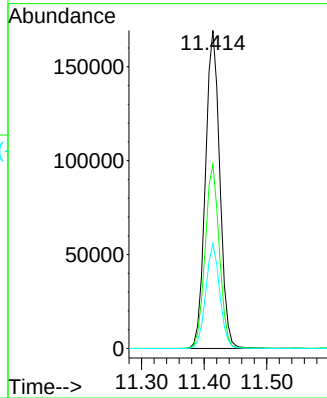
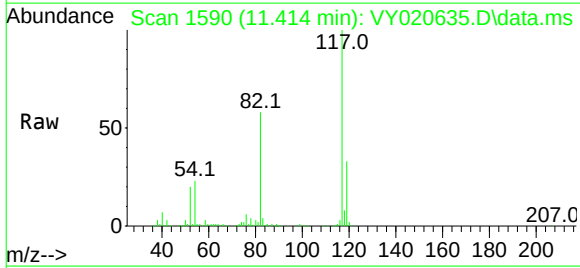




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-02

Tgt Ion:	117	Resp:	269674
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.6
119	33.0	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020635.D
Acq: 18 Dec 2024 14:54

Tgt Ion:	152	Resp:	117196
Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.2	90.6
150	156.6	0.0	355.4

