

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019856.D
 Acq On : 10 Oct 2024 16:04
 Operator : SY/MD
 Sample : P4364-09
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-4.167-4.667

Quant Time: Oct 11 01:44:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

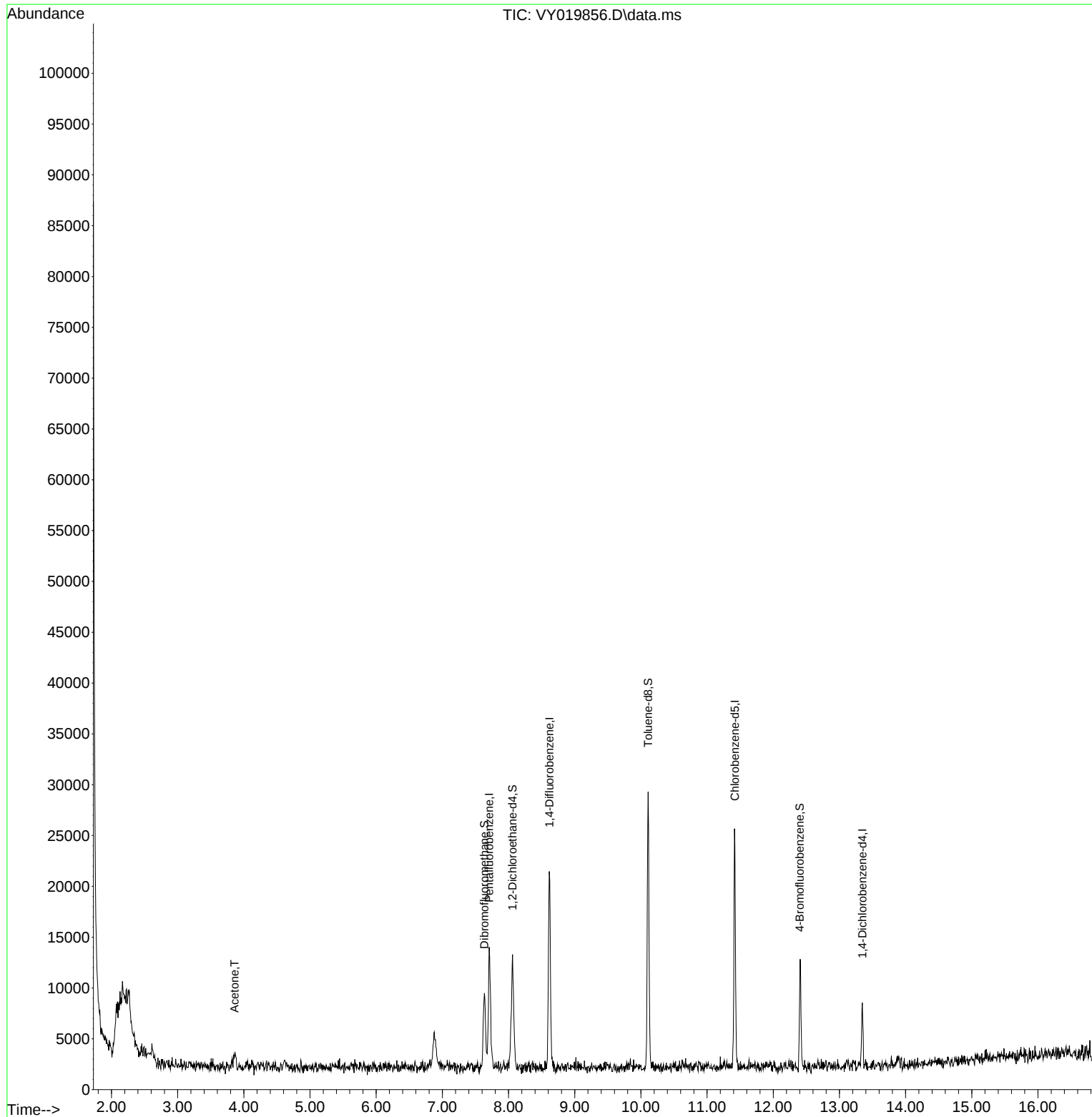
Internal Standards						
1) Pentafluorobenzene	7.707	168	8182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	15851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	11079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6927	68.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.520%	
35) Dibromofluoromethane	7.634	113	5451	52.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.220%	
50) Toluene-d8	10.109	98	16962	43.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.820%	
62) 4-Bromofluorobenzene	12.401	95	3033	21.731	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 43.460%	
Target Compounds						
16) Acetone	3.860	43	1311	49.990	ug/l	Qvalue # 84

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

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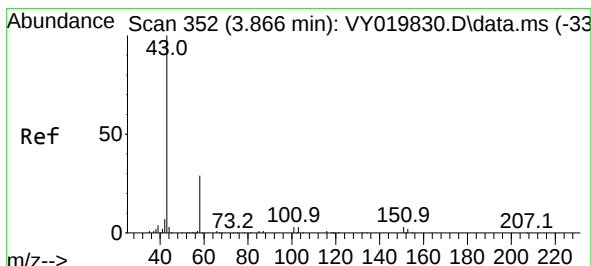
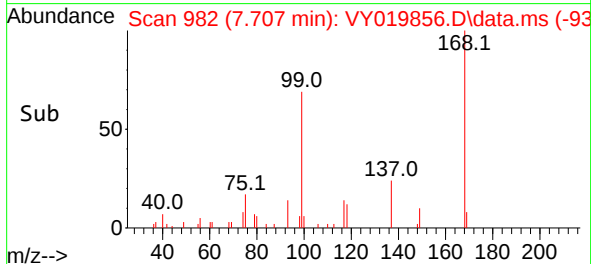
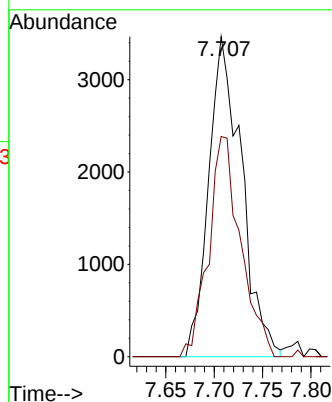
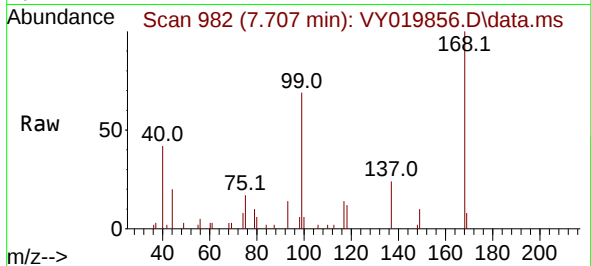




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019856.D
Acq: 10 Oct 2024 16:04

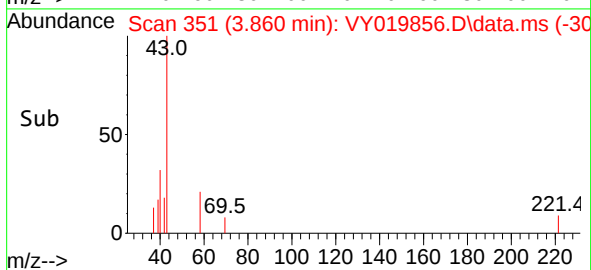
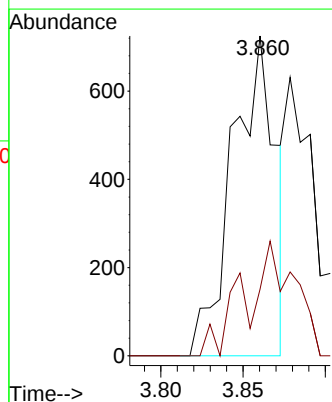
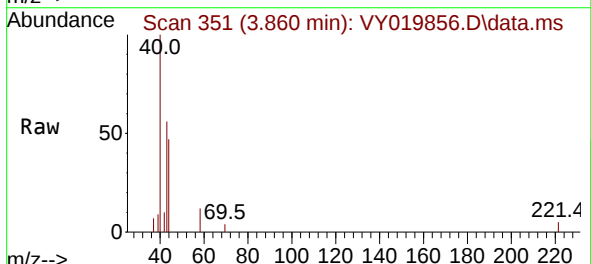
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.167-4.667

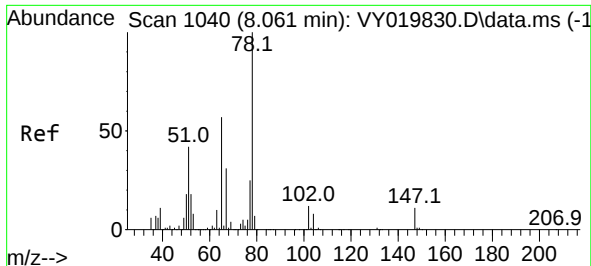
Tgt Ion:168 Resp: 8182
Ion Ratio Lower Upper
168 100
99 68.8 52.6 78.8



#16
Acetone
Concen: 49.990 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY019856.D
Acq: 10 Oct 2024 16:04

Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 20.8 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 68.758 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019856.D

Acq: 10 Oct 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

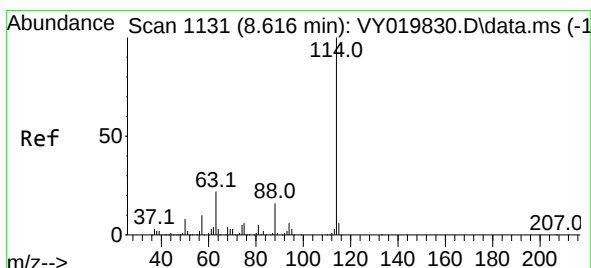
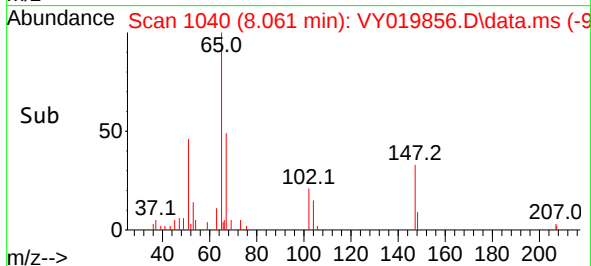
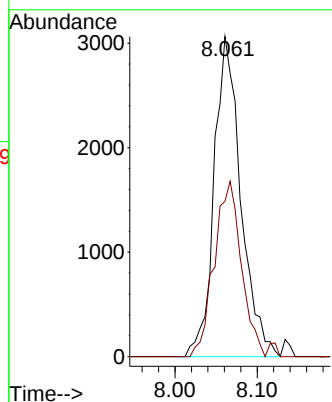
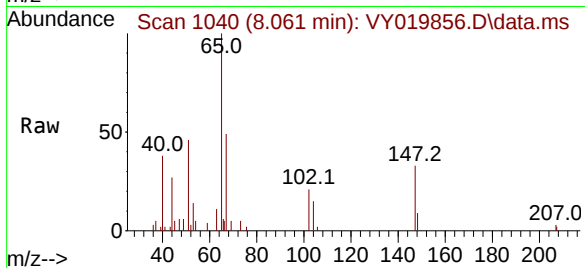
SB-03-4.167-4.667

Tgt Ion: 65 Resp: 6927

Ion Ratio Lower Upper

65 100

67 55.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019856.D

Acq: 10 Oct 2024 16:04

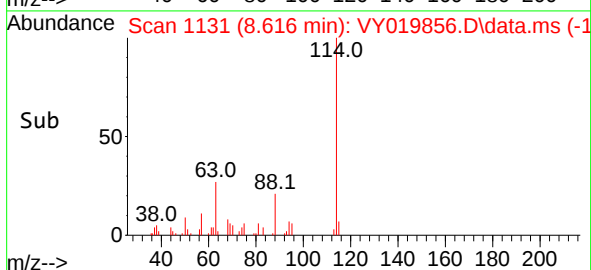
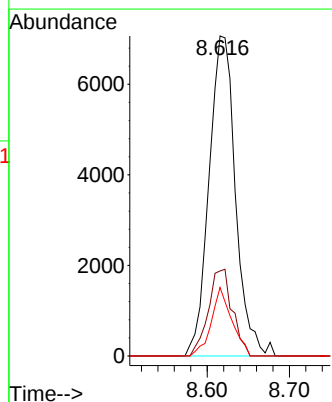
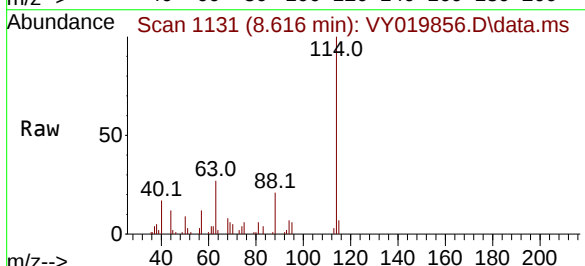
Tgt Ion: 114 Resp: 15851

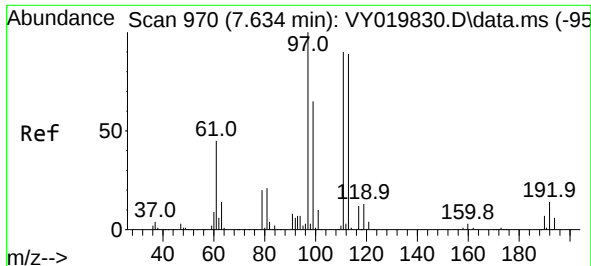
Ion Ratio Lower Upper

114 100

63 26.5 0.0 43.8

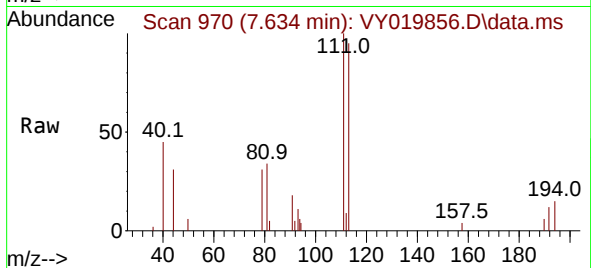
88 21.4 0.0 32.0



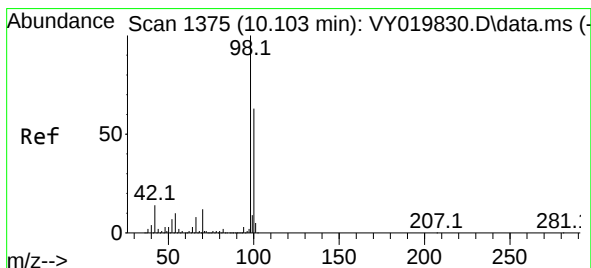
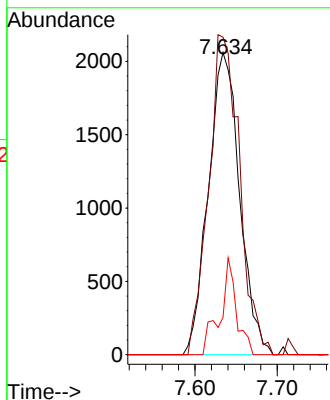
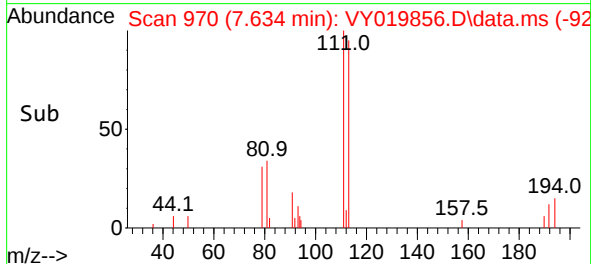


#35
Dibromofluoromethane
Concen: 52.113 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019856.D
Acq: 10 Oct 2024 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.167-4.667

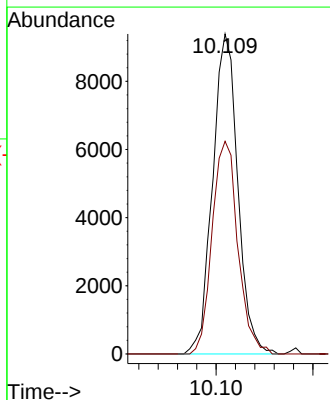
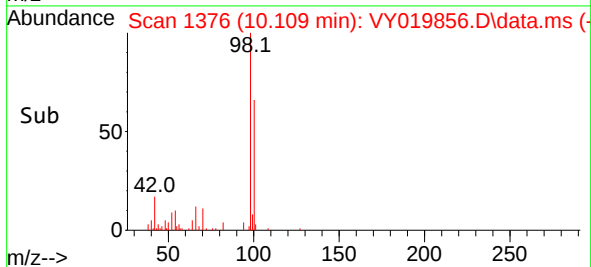
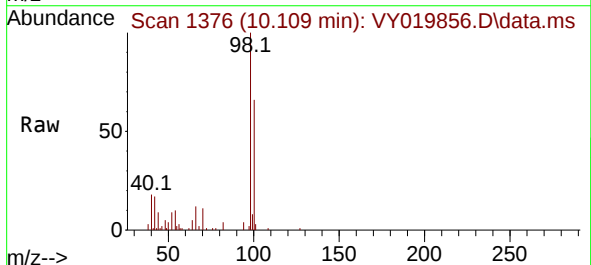


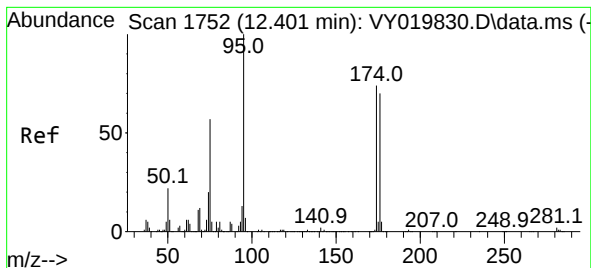
Tgt Ion:113 Resp: 5451
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 16.8 13.6 20.4



#50
Toluene-d8
Concen: 43.912 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019856.D
Acq: 10 Oct 2024 16:04

Tgt Ion: 98 Resp: 16962
Ion Ratio Lower Upper
98 100
100 68.0 51.1 76.7

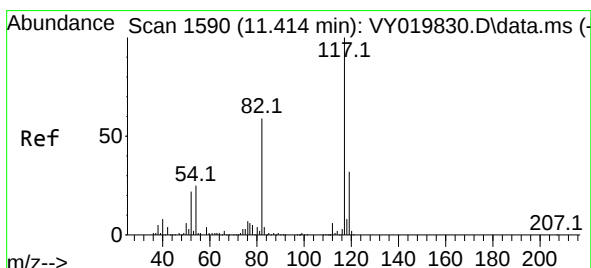
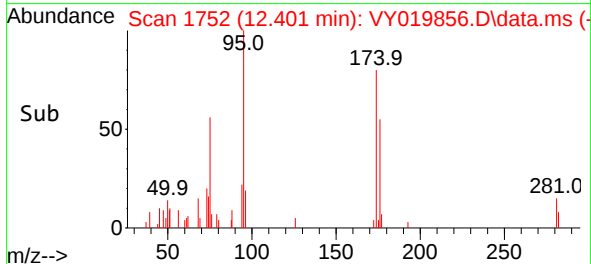
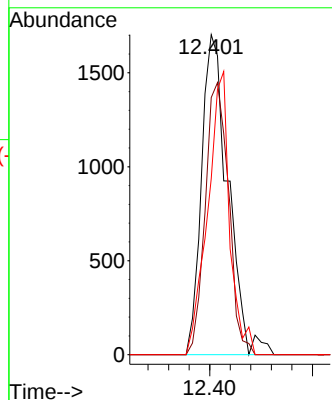
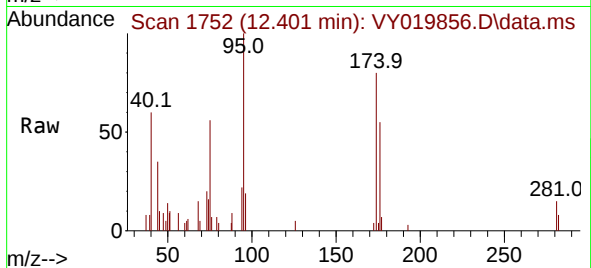




#62
4-Bromofluorobenzene
Concen: 21.731 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019856.D
Acq: 10 Oct 2024 16:04

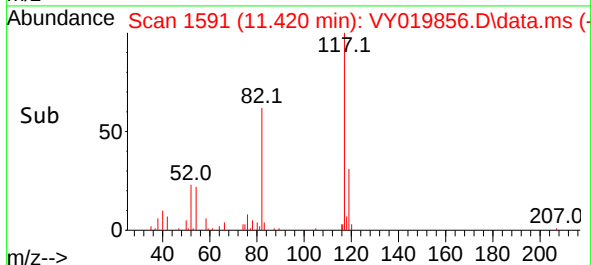
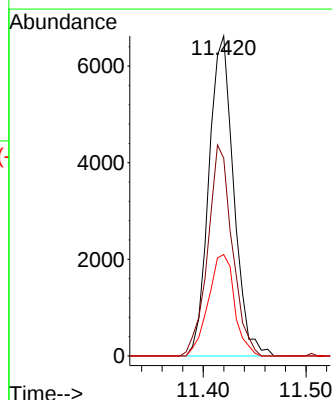
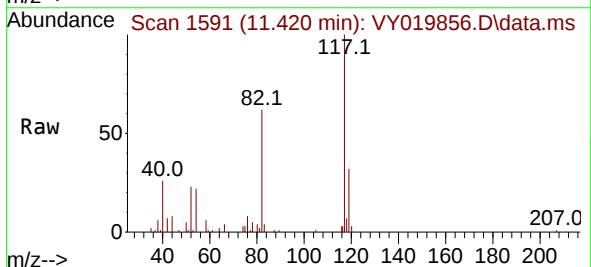
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.167-4.667

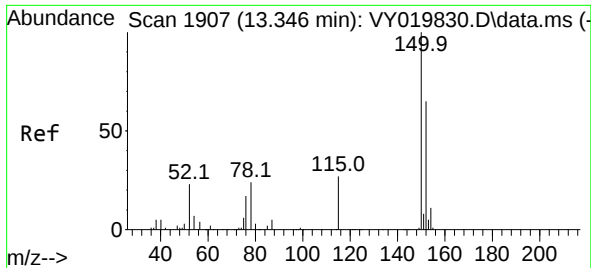
Tgt Ion:	95	Resp:	3033
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	148.0
176	73.7	0.0	142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019856.D
Acq: 10 Oct 2024 16:04

Tgt Ion:	117	Resp:	11079
Ion	Ratio	Lower	Upper
117	100		
82	61.8	46.9	70.3
119	31.7	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019856.D

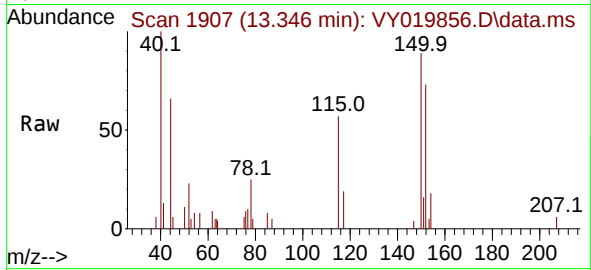
Acq: 10 Oct 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-4.167-4.667



Tgt Ion:152 Resp: 1471

Ion Ratio Lower Upper

152 100

115 65.3 30.8 92.3

150 146.6 0.0 352.8

