

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021615.D
 Acq On : 24 Mar 2025 14:04
 Operator : SY/MD
 Sample : Q1619-07RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2RE

Quant Time: Mar 25 01:30:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

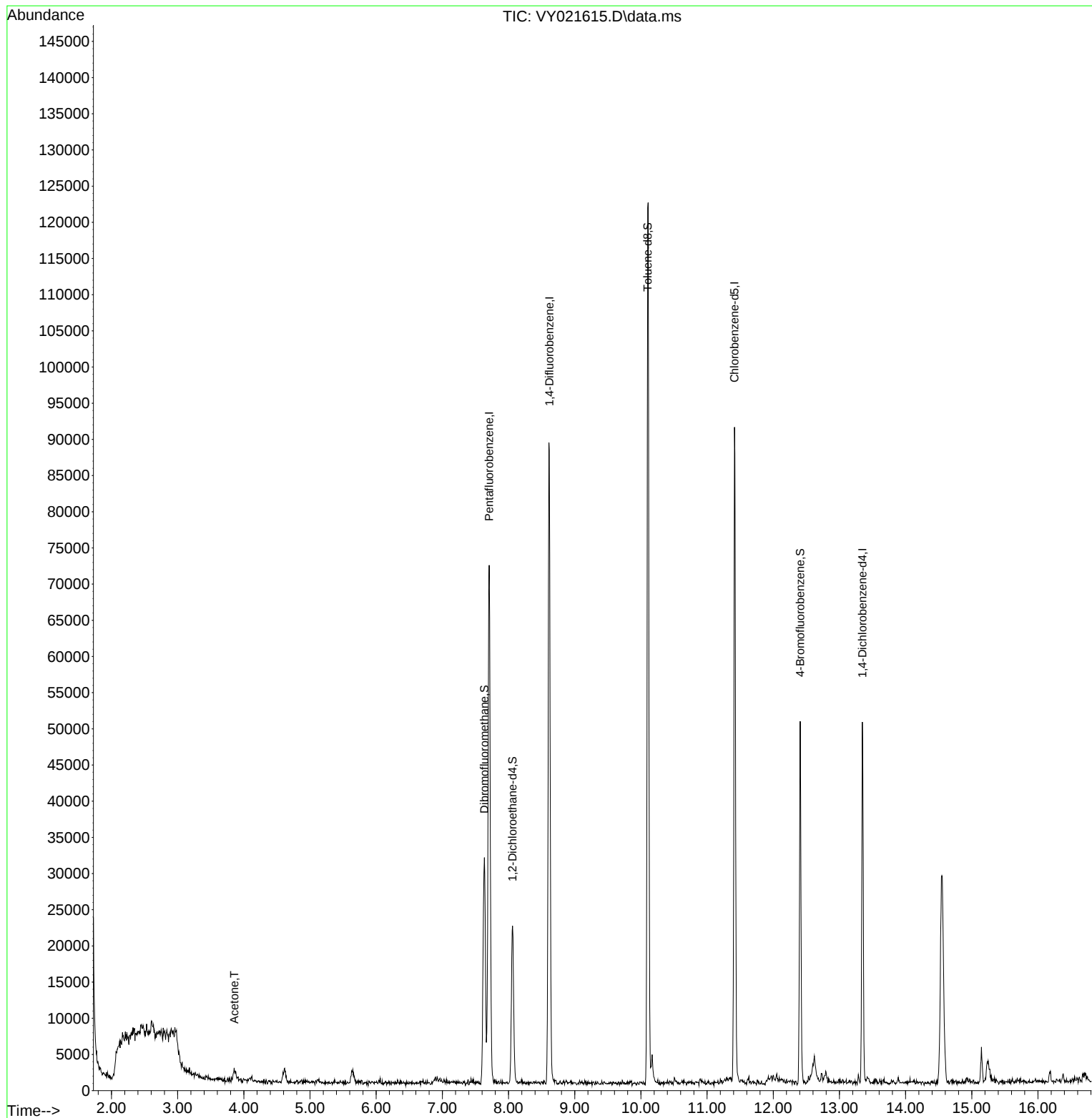
Internal Standards						
1) Pentafluorobenzene	7.707	168	53797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	73932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	48145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	12206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18268	32.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.260%
35) Dibromofluoromethane	7.634	113	22693	46.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.400%
50) Toluene-d8	10.103	98	80521	43.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.520%
62) 4-Bromofluorobenzene	12.408	95	14859	23.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.480%
Target Compounds						
16) Acetone	3.854	43	2542	20.497	ug/l	Qvalue # 79

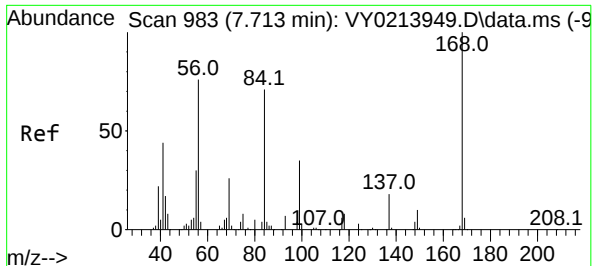
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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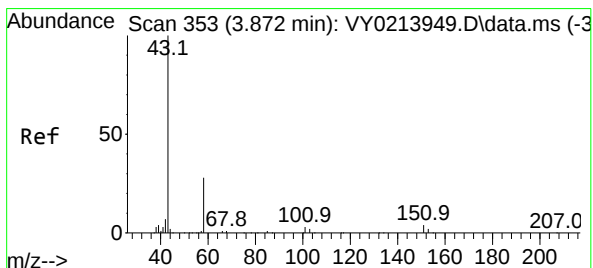
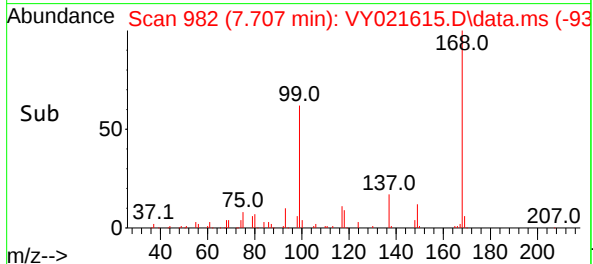
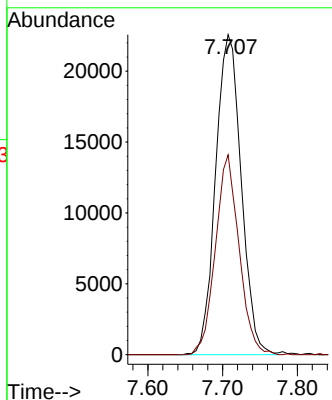
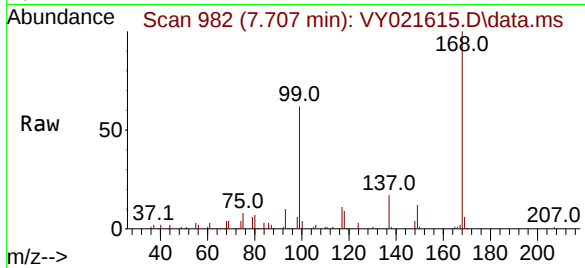




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021615.D
Acq: 24 Mar 2025 14:04

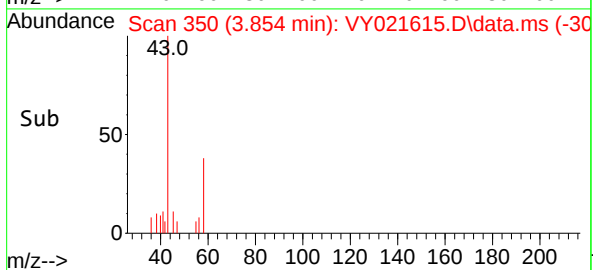
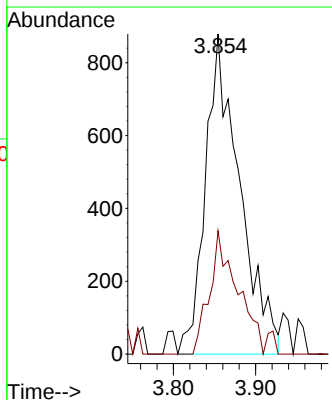
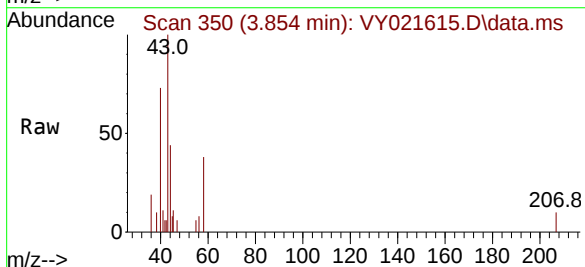
Instrument :
MSVOA_Y
ClientSampleId :
TP-2RE

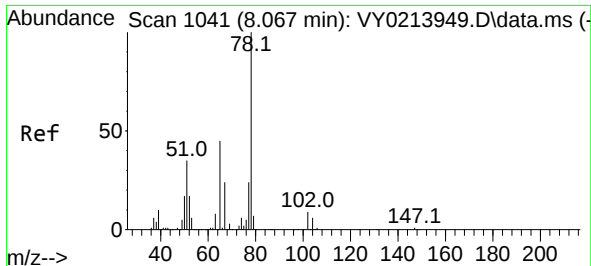
Tgt Ion:168 Resp: 53797
Ion Ratio Lower Upper
168 100
99 62.4 46.0 69.0



#16
Acetone
Concen: 20.497 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY021615.D
Acq: 24 Mar 2025 14:04

Tgt Ion: 43 Resp: 2542
Ion Ratio Lower Upper
43 100
58 38.5 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 32.128 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021615.D

Acq: 24 Mar 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

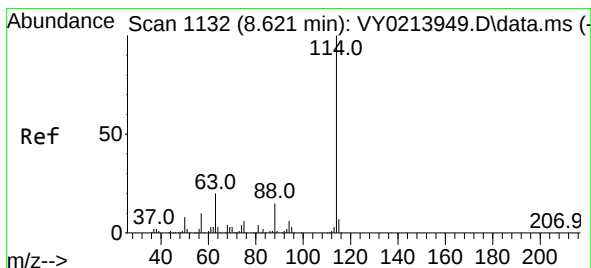
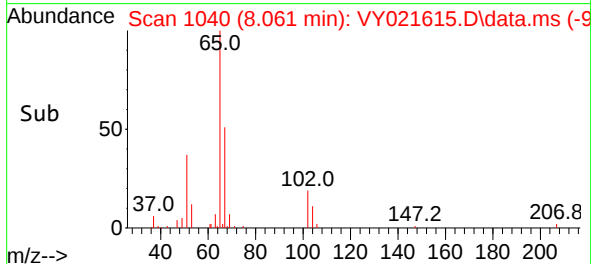
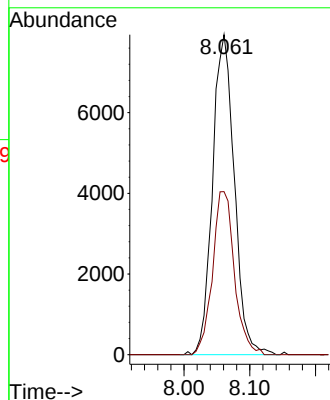
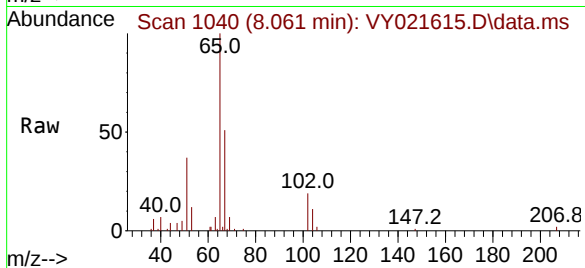
TP-2RE

Tgt Ion: 65 Resp: 18268

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021615.D

Acq: 24 Mar 2025 14:04

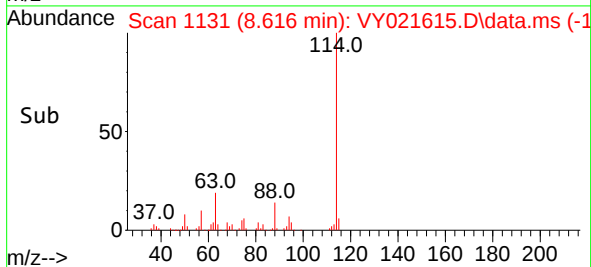
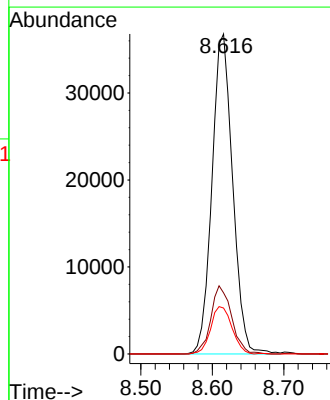
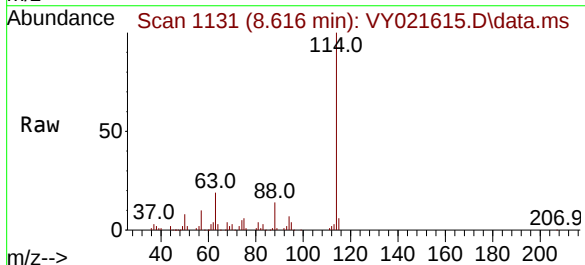
Tgt Ion: 114 Resp: 73932

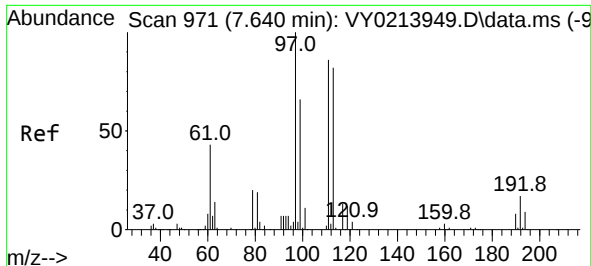
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 14.4 0.0 30.8

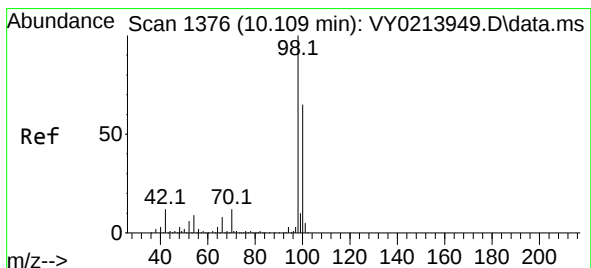
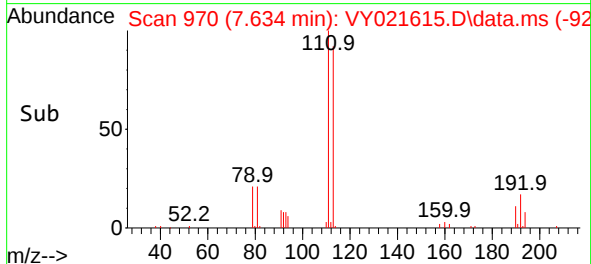
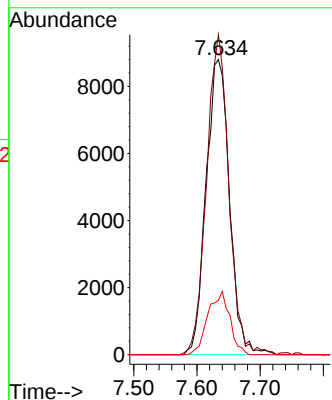
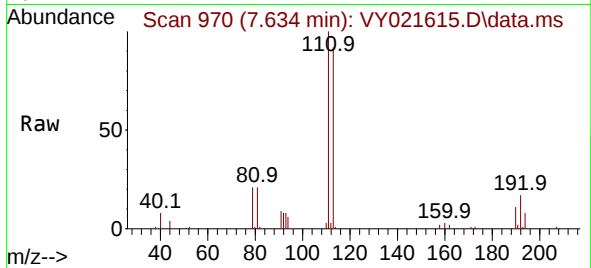




#35
Dibromofluoromethane
Concen: 46.697 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021615.D
Acq: 24 Mar 2025 14:04

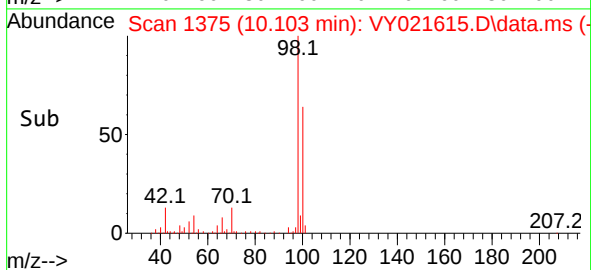
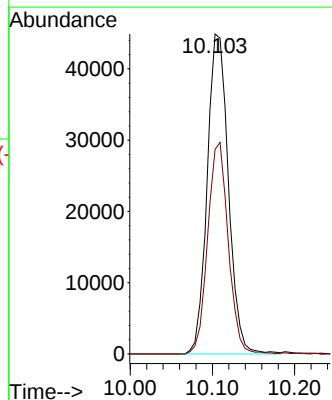
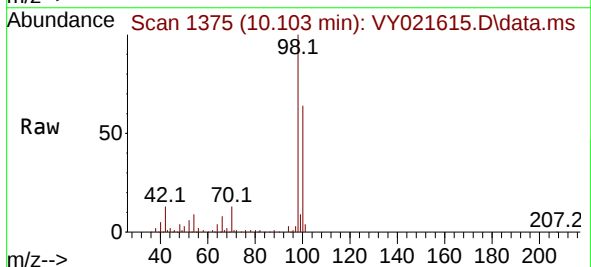
Instrument :
MSVOA_Y
ClientSampleId :
TP-2RE

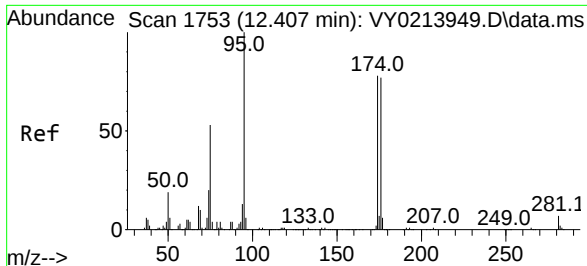
Tgt Ion:113 Resp: 22693
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 20.1 15.9 23.9



#50
Toluene-d8
Concen: 43.761 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021615.D
Acq: 24 Mar 2025 14:04

Tgt Ion: 98 Resp: 80521
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1

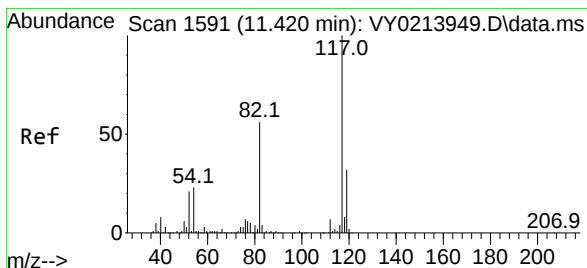
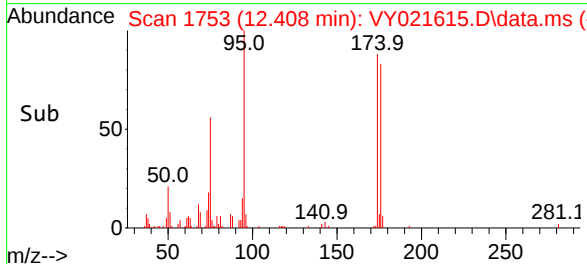
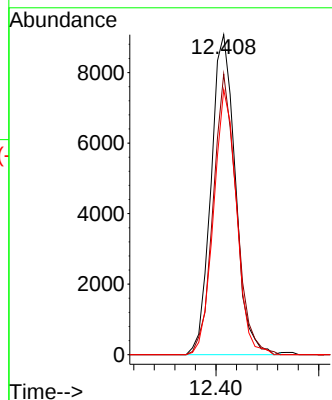
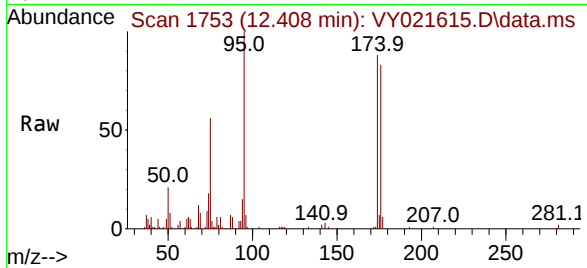




#62
4-Bromofluorobenzene
Concen: 23.740 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021615.D
Acq: 24 Mar 2025 14:04

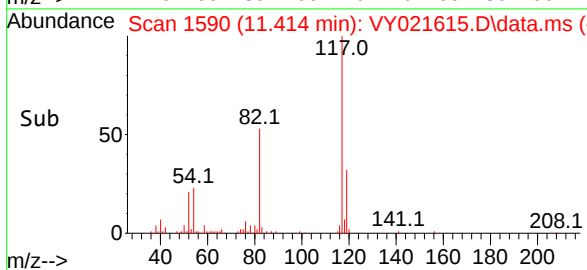
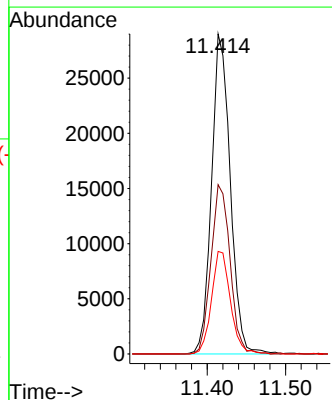
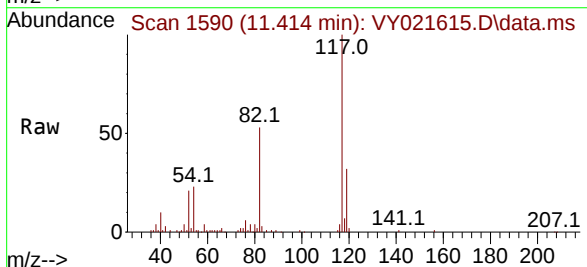
Instrument :
MSVOA_Y
ClientSampleId :
TP-2RE

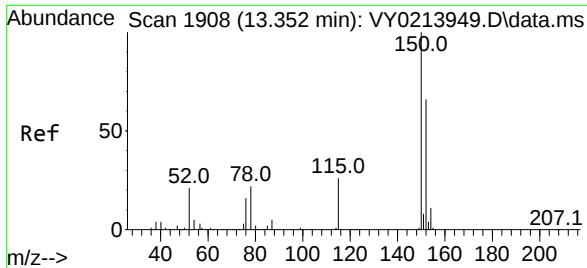
Tgt Ion: 95 Resp: 14859
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.0
176 78.3 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021615.D
Acq: 24 Mar 2025 14:04

Tgt Ion: 117 Resp: 48145
Ion Ratio Lower Upper
117 100
82 52.9 44.6 67.0
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021615.D
 Acq: 24 Mar 2025 14:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.0	87.0
150	151.3	0.0	347.2

