

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021618.D
 Acq On : 24 Mar 2025 15:14
 Operator : SY/MD
 Sample : Q1611-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200030

Quant Time: Mar 25 01:31:01 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)

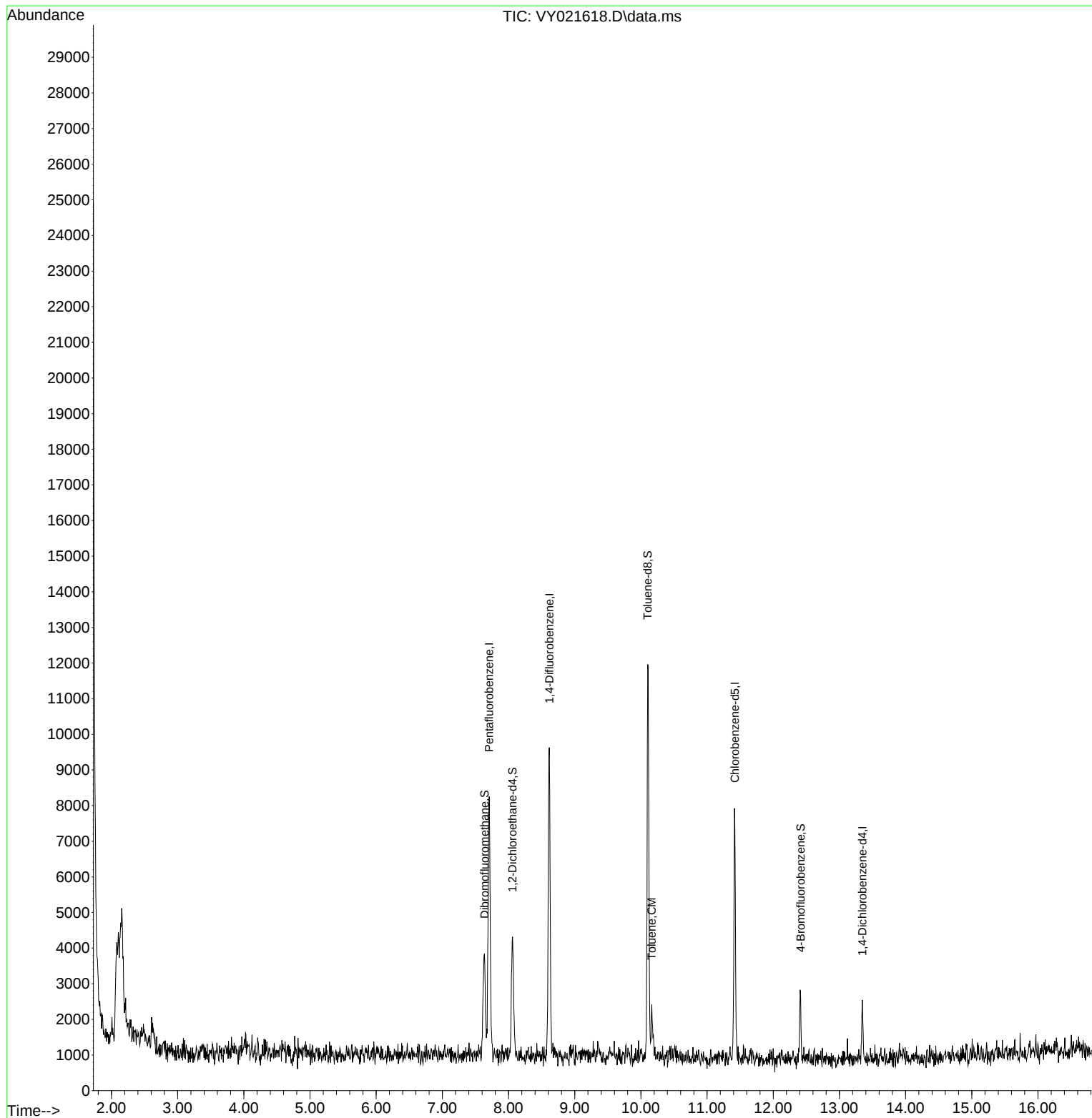
Internal Standards						
1) Pentafluorobenzene	7.707	168	5848	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	7577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2940	47.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.140%
35) Dibromofluoromethane	7.640	113	2210	44.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.740%
50) Toluene-d8	10.103	98	7655	40.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.180%
62) 4-Bromofluorobenzene	12.414	95	672	10.476	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.960%#
Target Compounds						
52) Toluene	10.164	92	671	4.634	ug/l	Qvalue 88

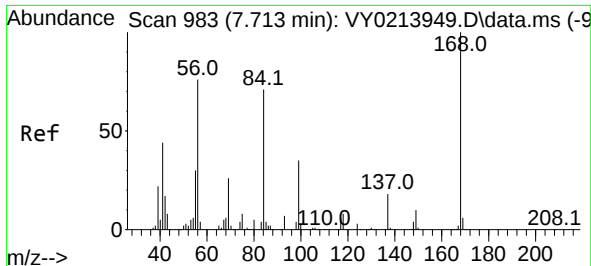
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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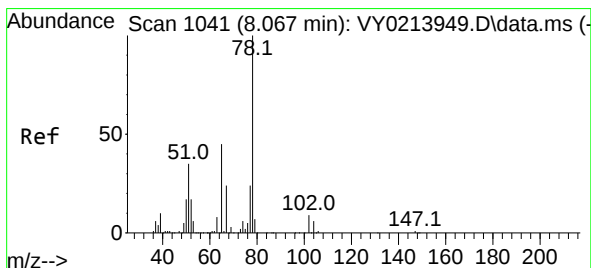
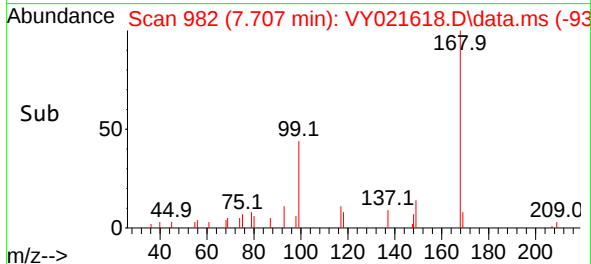
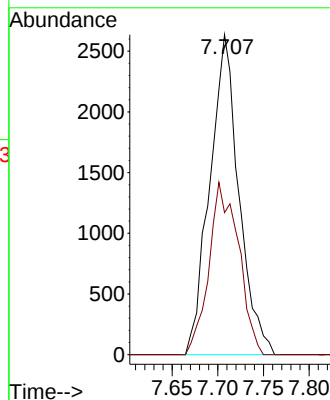
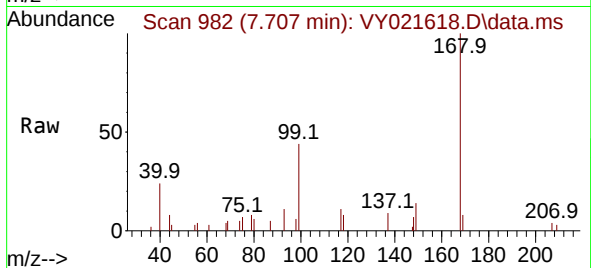




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

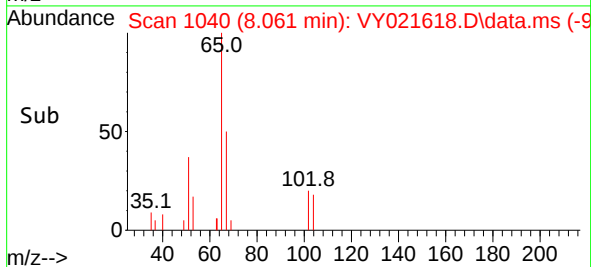
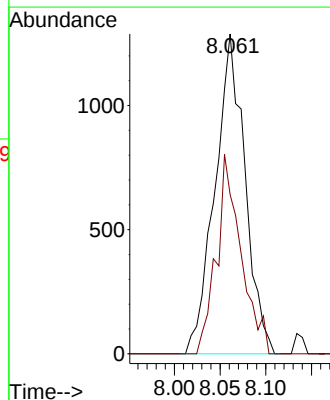
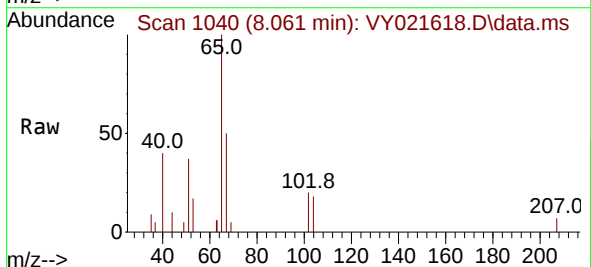
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

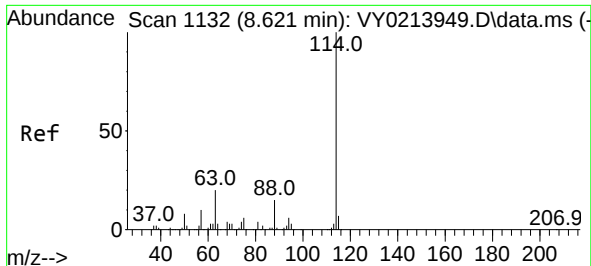
Tgt Ion:168 Resp: 5848
Ion Ratio Lower Upper
168 100
99 44.4 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 47.565 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

Tgt Ion: 65 Resp: 2940
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.8

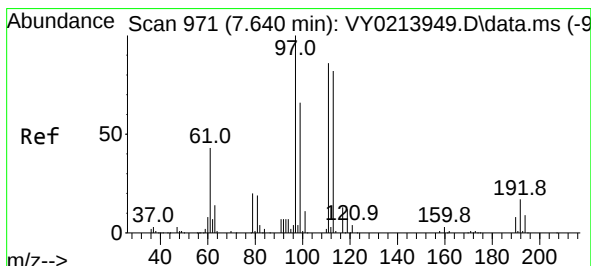
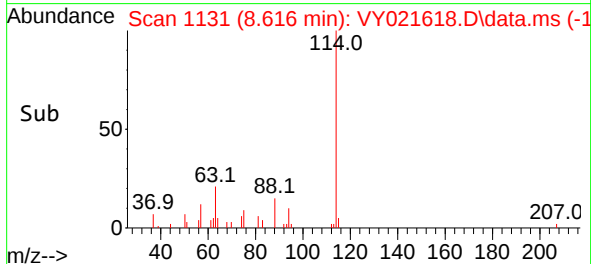
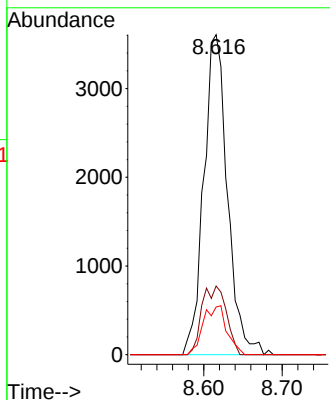
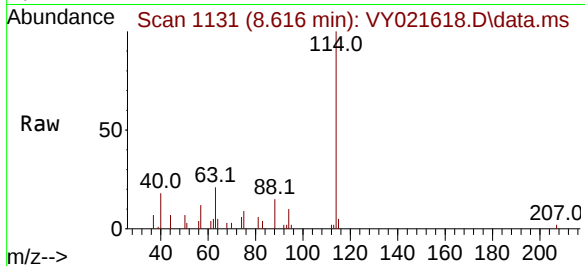




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

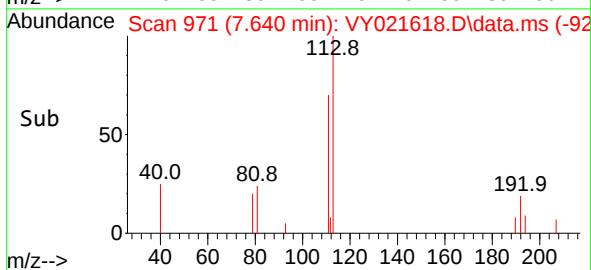
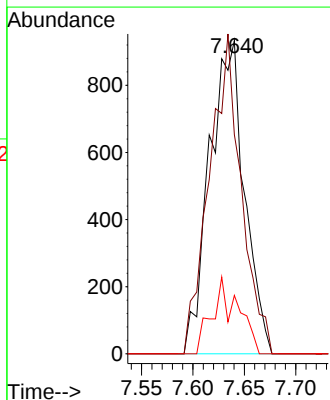
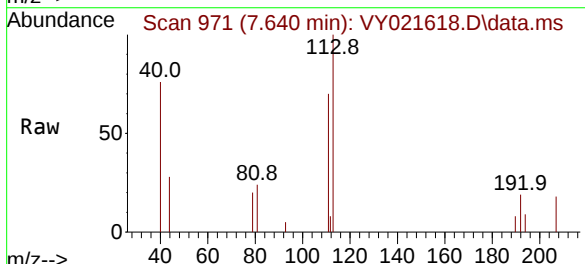
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

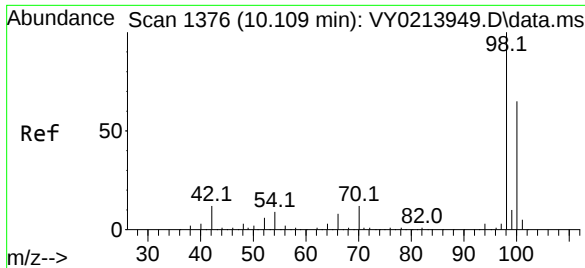
Tgt Ion:114	Resp:	7577
Ion	Ratio	Lower Upper
114	100	
63	21.5	0.0 40.8
88	14.9	0.0 30.8



#35
Dibromofluoromethane
Concen: 44.373 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

Tgt Ion:113	Resp:	2210
Ion	Ratio	Lower Upper
113	100	
111	93.0	82.0 123.0
192	18.3	15.9 23.9

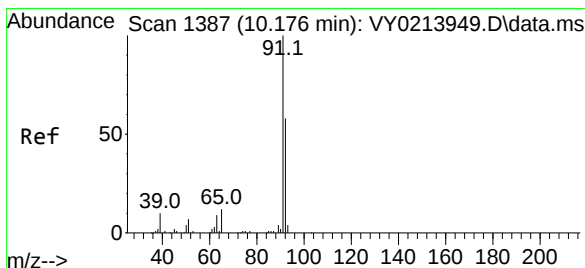
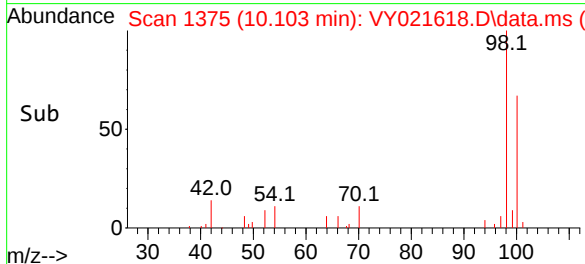
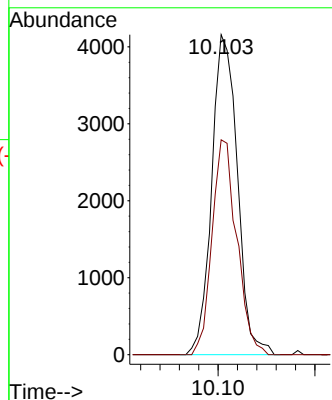
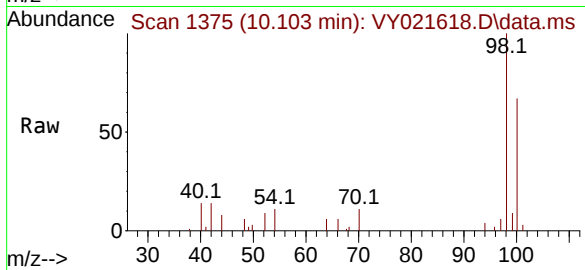




#50
Toluene-d8
Concen: 40.594 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

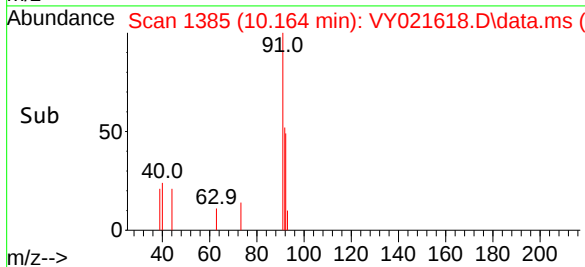
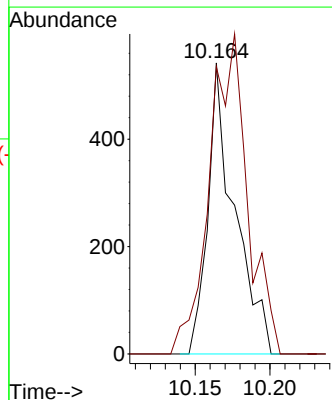
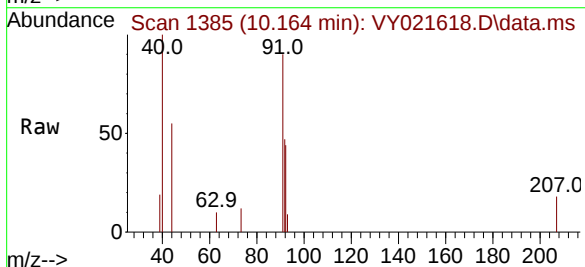
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

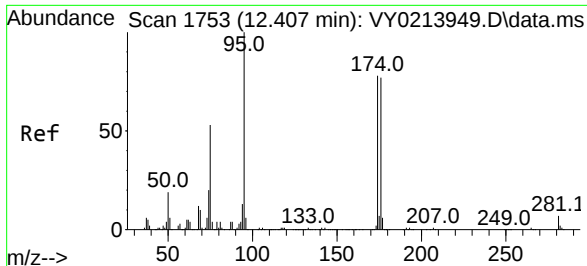
Tgt Ion: 98 Resp: 7655
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#52
Toluene
Concen: 4.634 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

Tgt Ion: 92 Resp: 671
Ion Ratio Lower Upper
92 100
91 156.6 138.2 207.2

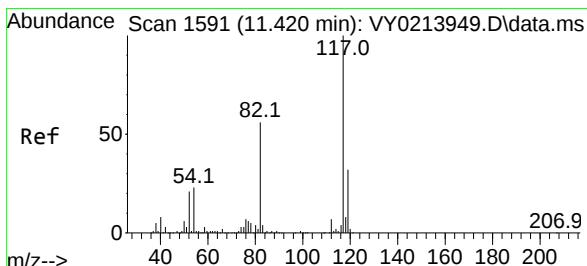
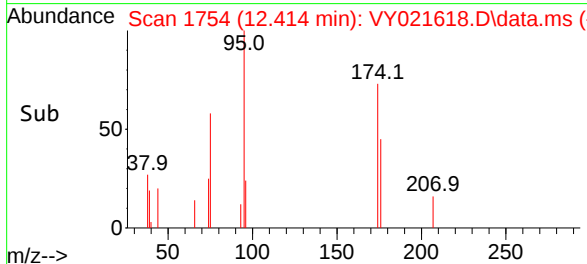
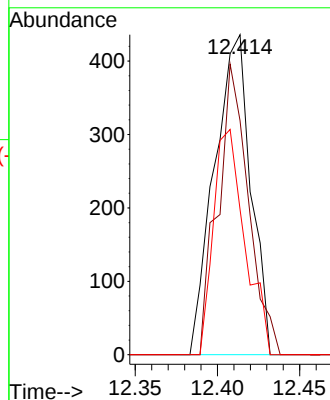
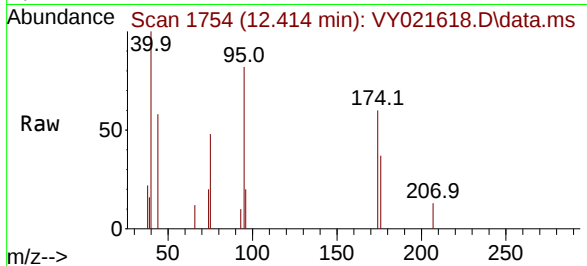




#62
4-Bromofluorobenzene
Concen: 10.476 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

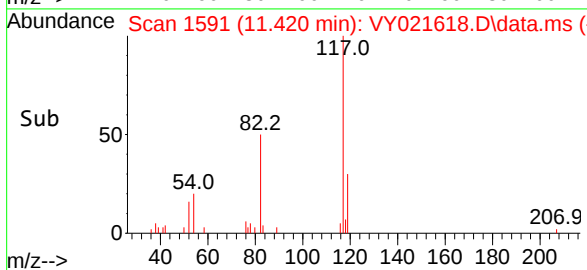
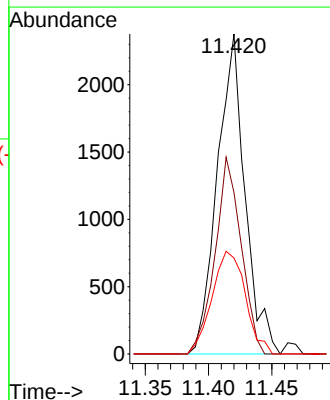
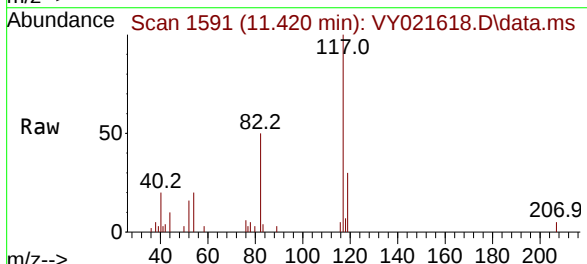
Instrument :
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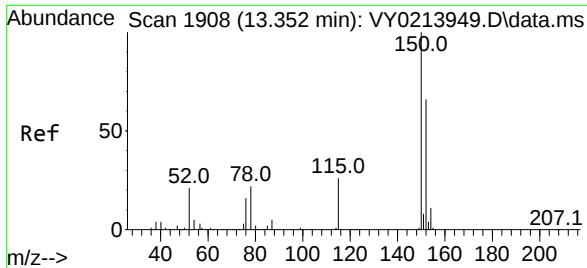
Tgt Ion:	95	Resp:	672
Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	165.0
176	60.6	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021618.D
Acq: 24 Mar 2025 15:14

Tgt Ion:	117	Resp:	3621
Ion	Ratio	Lower	Upper
117	100		
82	50.5	44.6	67.0
119	30.0	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: VY021618.D

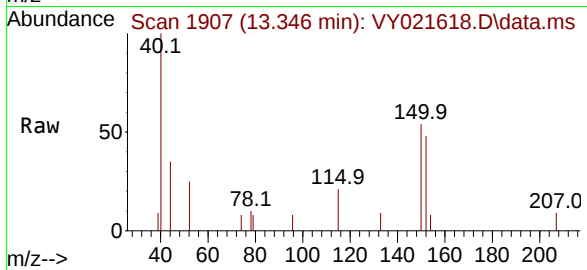
Acq: 24 Mar 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

RBR200030



Tgt Ion:152 Resp: 475

Ion Ratio Lower Upper

152 100

115 31.6 29.0 87.0

150 141.7 0.0 347.2

