

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021939.D
 Acq On : 21 Apr 2025 11:37
 Operator : SY/MD
 Sample : Q1840-01RE
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-04-04182025RE

Quant Time: Apr 22 02:43:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	21284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	24974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	14125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2439	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5765	24.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	50.000%
35) Dibromofluoromethane	7.628	113	5629	34.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.500%
50) Toluene-d8	10.109	98	26043	42.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.402	95	3421	16.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.820%

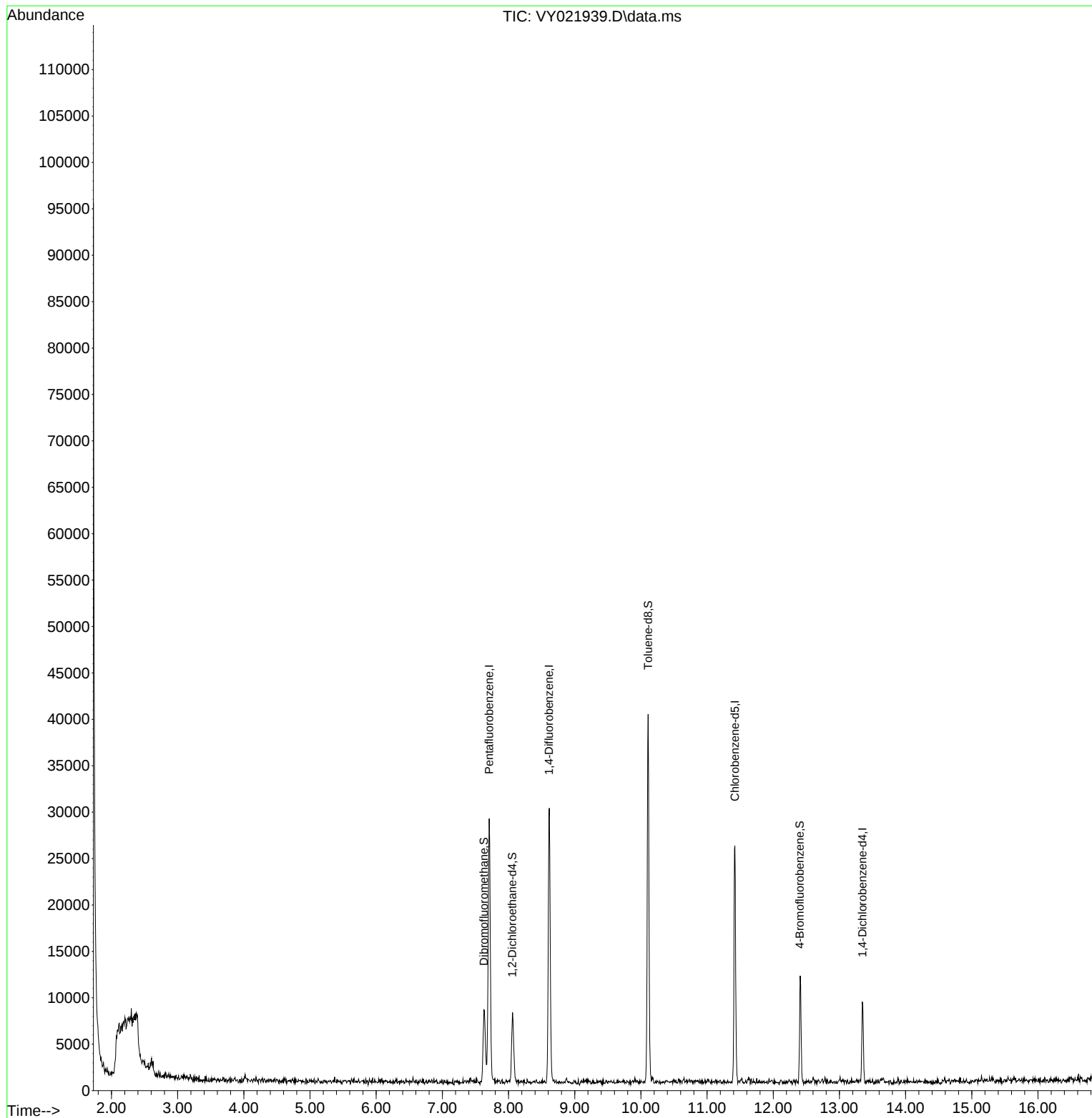
Target Compounds	Qvalue

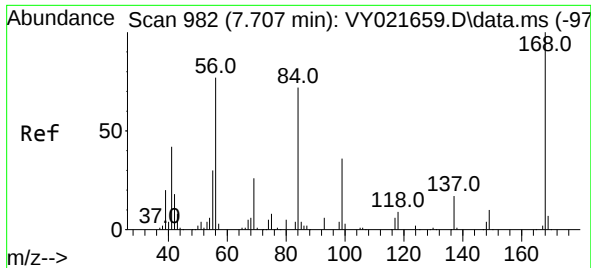
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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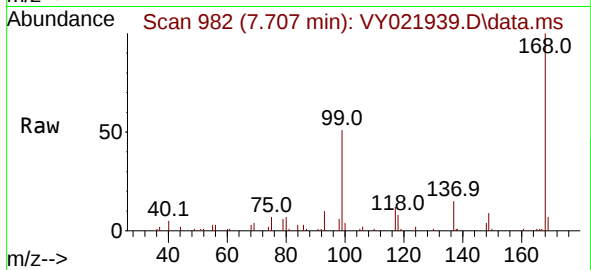
Quant Time: Apr 22 02:43:59 2025
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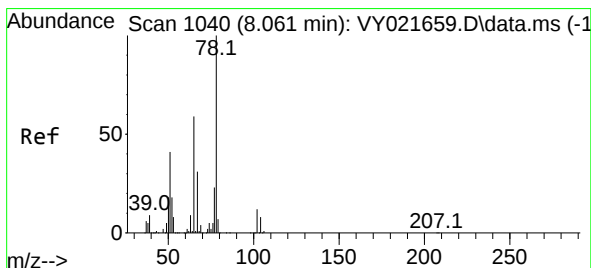
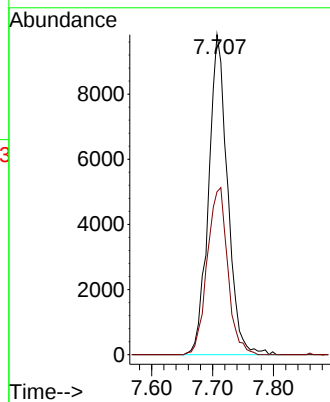
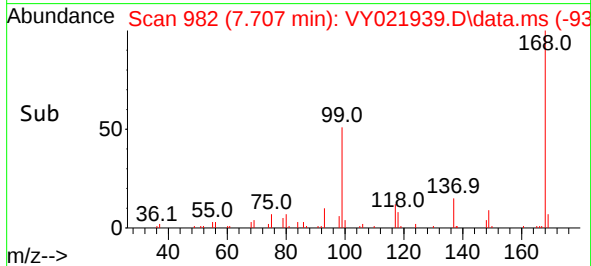


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021939.D
Acq: 21 Apr 2025 11:37

Instrument :
MSVOA_Y
ClientSampleId :
OK-04-04182025RE

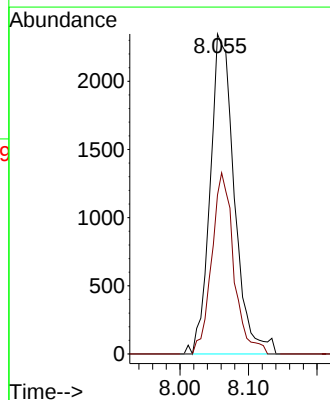
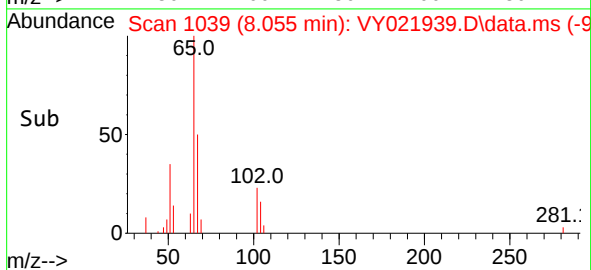
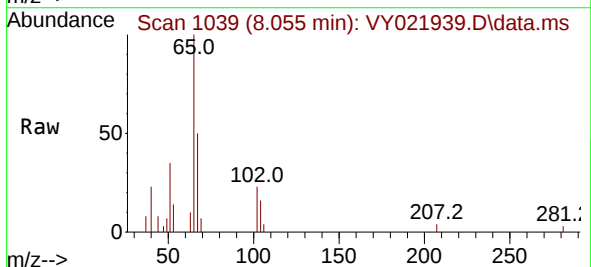


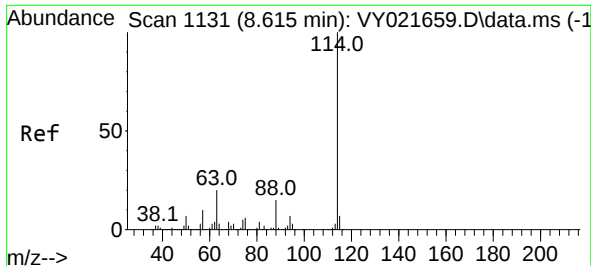
Tgt Ion:168 Resp: 21284
Ion Ratio Lower Upper
168 100
99 50.9 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 24.999 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY021939.D
Acq: 21 Apr 2025 11:37

Tgt Ion: 65 Resp: 5765
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021939.D

Acq: 21 Apr 2025 11:37

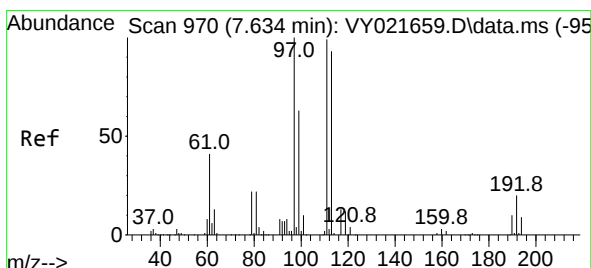
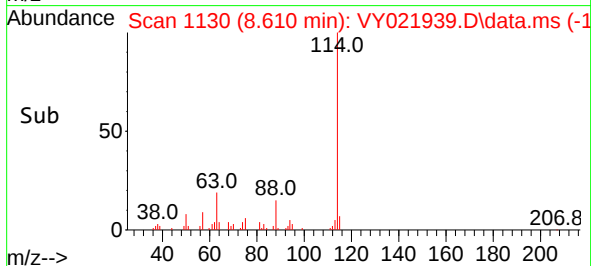
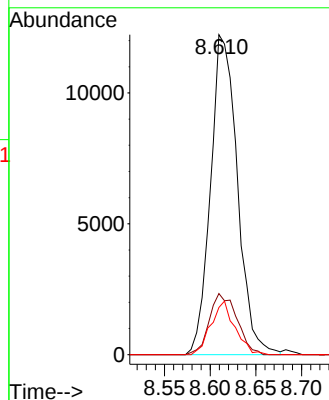
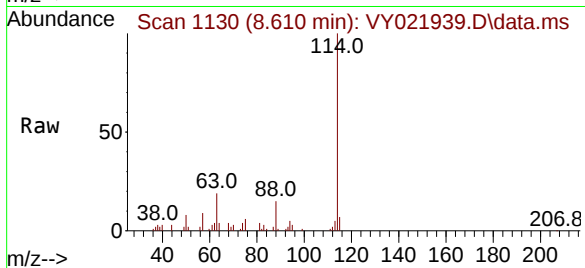
Instrument :

MSVOA_Y

ClientSampleId :

OK-04-04182025RE

Tgt Ion:	114	Resp:	24974
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	40.2
88	14.7	0.0	29.8



#35

Dibromofluoromethane

Concen: 34.746 ug/l

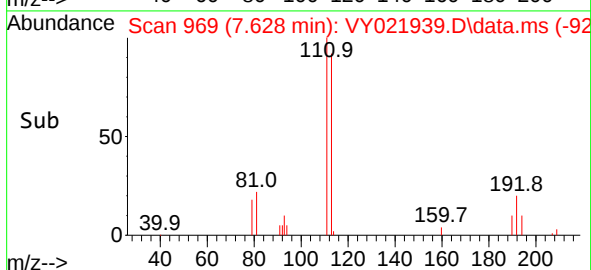
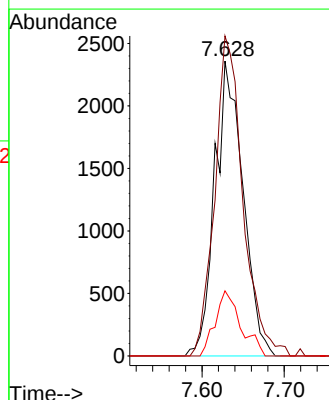
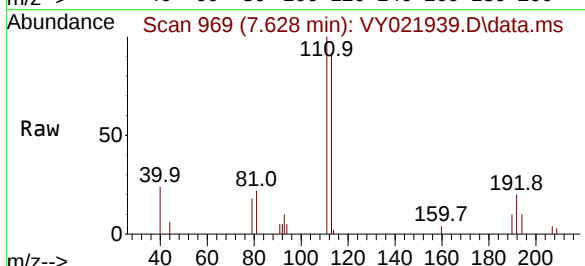
RT: 7.628 min Scan# 969

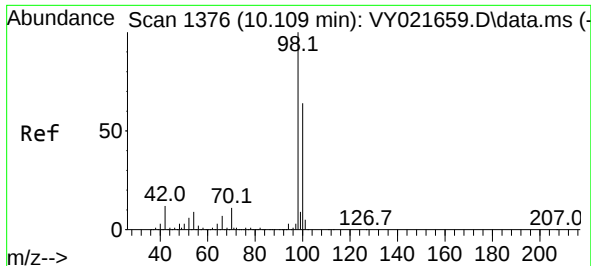
Delta R.T. -0.006 min

Lab File: VY021939.D

Acq: 21 Apr 2025 11:37

Tgt Ion:	113	Resp:	5629
Ion Ratio	Lower	Upper	
113	100		
111	108.2	82.6	123.8
192	19.9	16.2	24.4

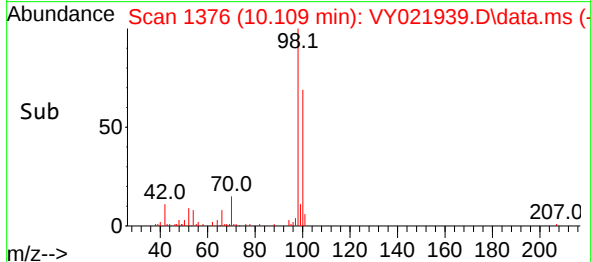
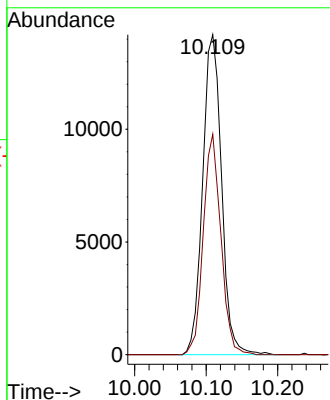
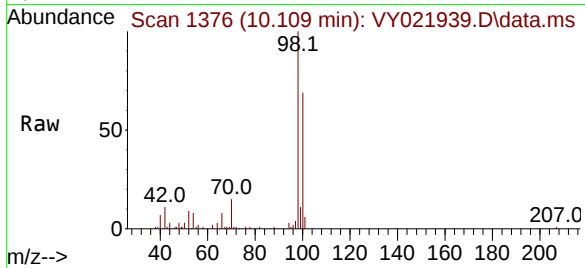




#50
Toluene-d8
Concen: 42.257 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021939.D
Acq: 21 Apr 2025 11:37

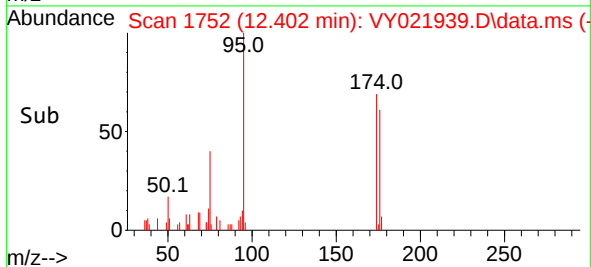
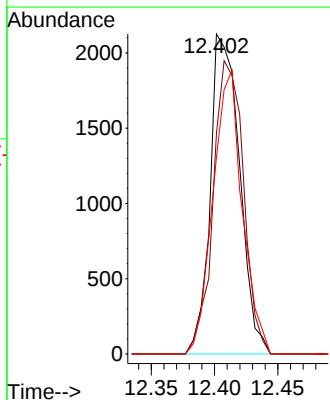
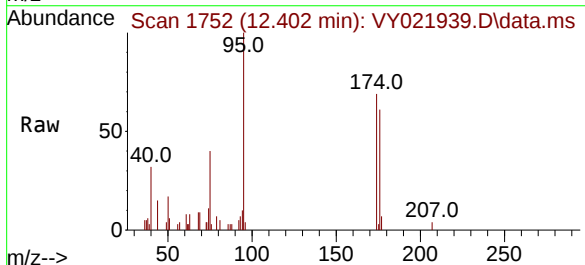
Instrument :
MSVOA_Y
ClientSampleId :
OK-04-04182025RE

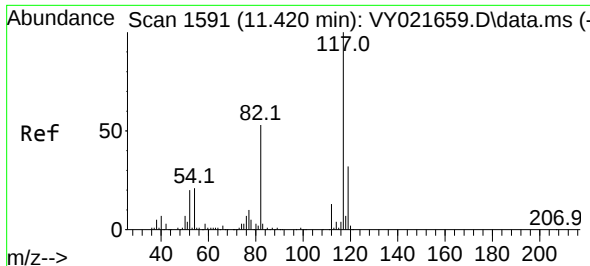
Tgt Ion: 98 Resp: 26043
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 16.411 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021939.D
Acq: 21 Apr 2025 11:37

Tgt Ion: 95 Resp: 3421
Ion Ratio Lower Upper
95 100
174 94.4 0.0 170.8
176 88.7 0.0 162.0

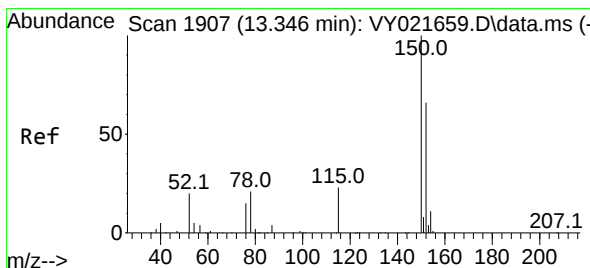
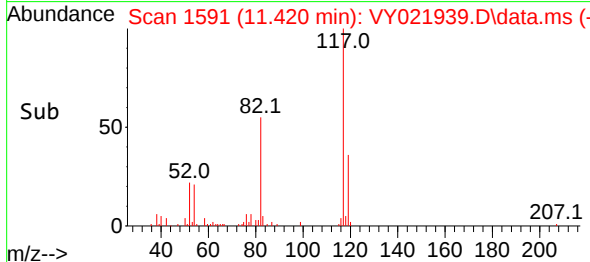
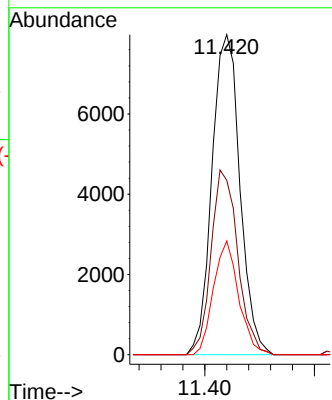
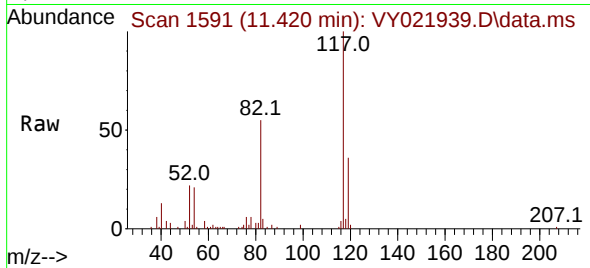




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021939.D
Acq: 21 Apr 2025 11:37

Instrument :
MSVOA_Y
ClientSampleId :
OK-04-04182025RE

Tgt Ion:	117	Resp:	14125
Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.8	64.2
119	35.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021939.D
Acq: 21 Apr 2025 11:37

Tgt Ion:	152	Resp:	2439
Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.8	86.5
150	144.5	0.0	348.4

