

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021785.D
 Acq On : 04 Apr 2025 15:00
 Operator : SY/MD
 Sample : Q1730-09
 Misc : 6.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-22-040325

Quant Time: Apr 04 23:40:16 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)

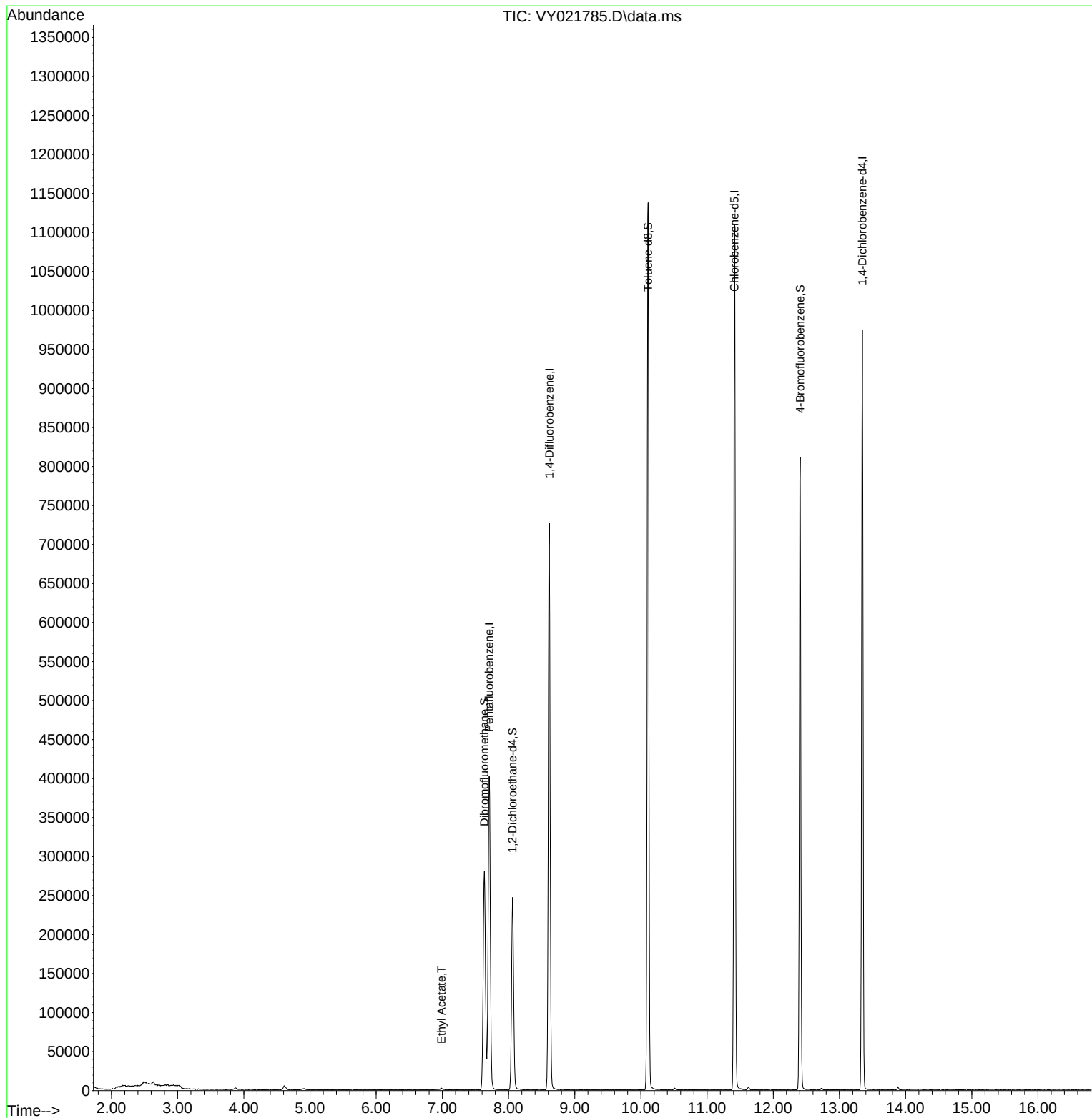
Internal Standards						
1) Pentafluorobenzene	7.707	168	302418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	596930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	561519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	235341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	191837	58.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.634	113	198061	51.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.109	98	739915	50.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.408	95	244095	48.988	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.980%
Target Compounds						
						Qvalue
37) Ethyl Acetate	6.988	43	3484	1.252	ug/l #	93

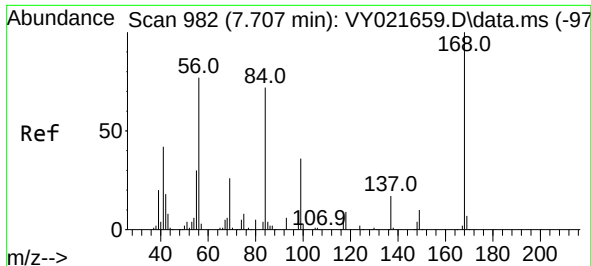
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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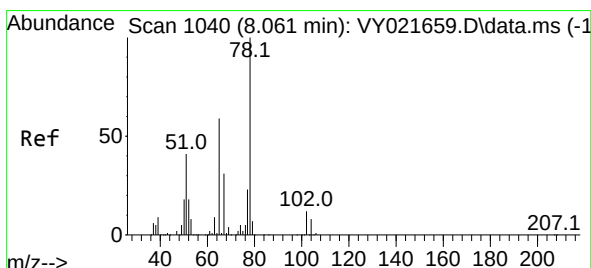
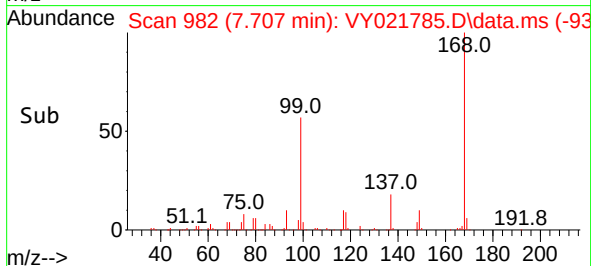
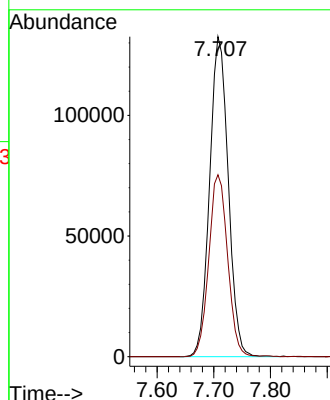
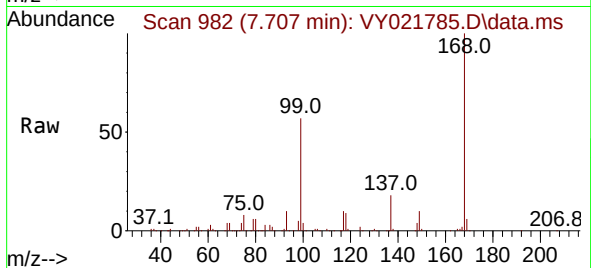




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021785.D
Acq: 04 Apr 2025 15:00

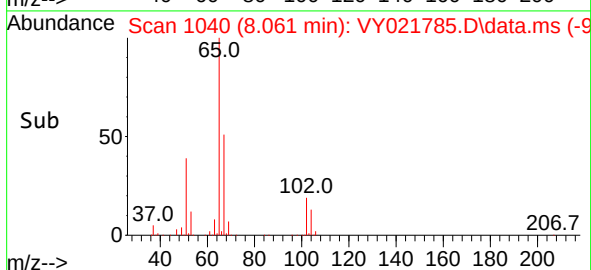
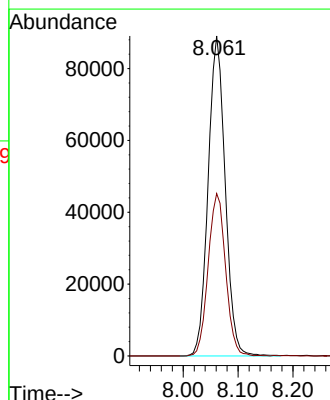
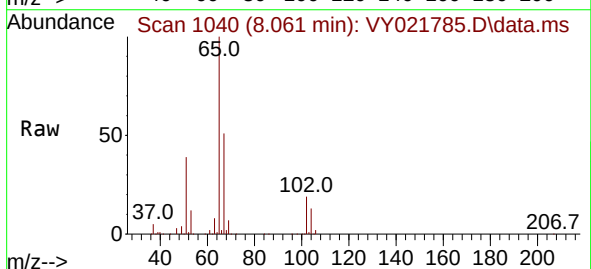
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-22-040325

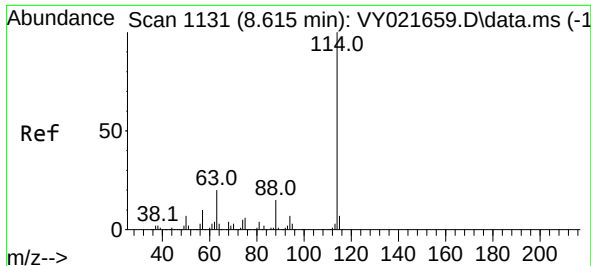
Tgt Ion:168 Resp: 302418
Ion Ratio Lower Upper
168 100
99 56.9 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 58.547 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021785.D
Acq: 04 Apr 2025 15:00

Tgt Ion: 65 Resp: 191837
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6

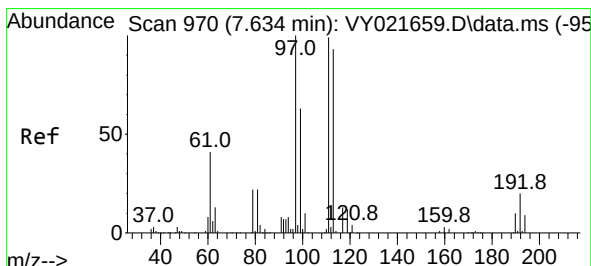
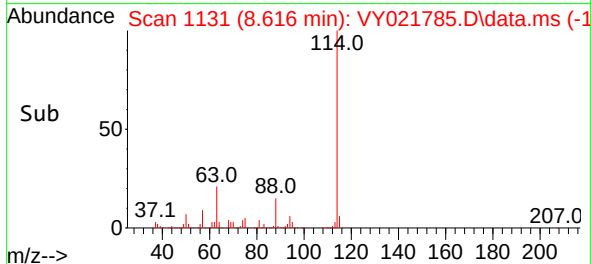
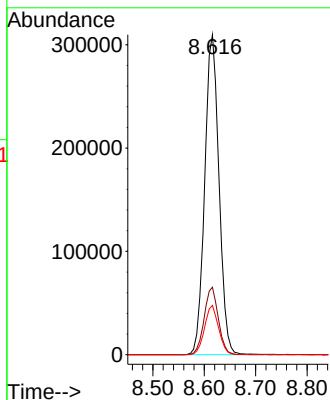
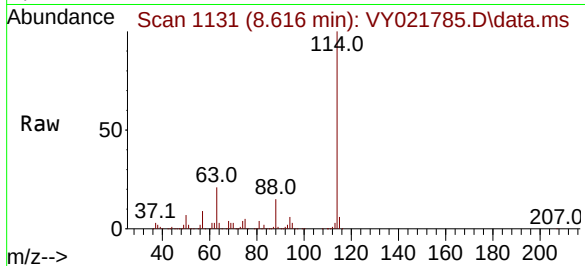




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021785.D
 Acq: 04 Apr 2025 15:00

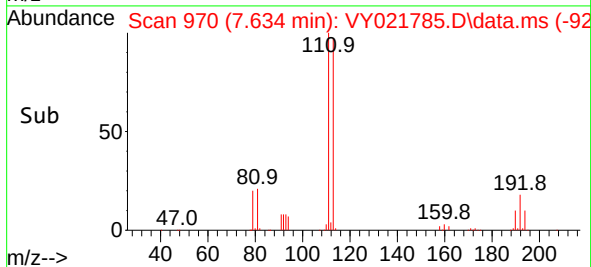
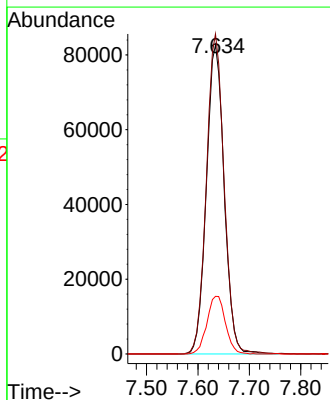
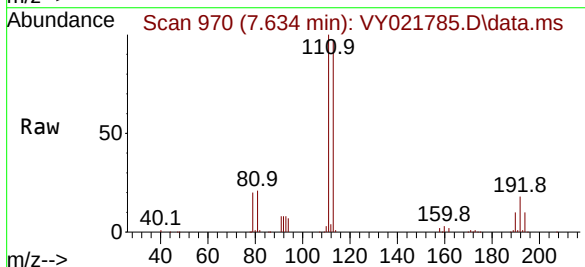
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-22-040325

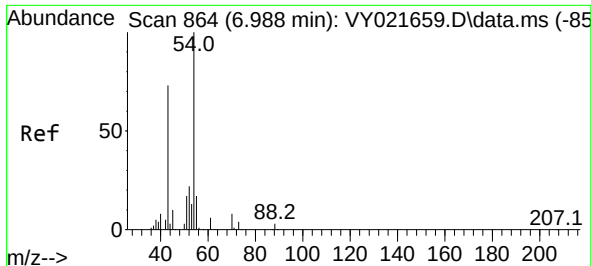
Tgt Ion:114 Resp: 596930
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 15.4 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 51.150 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021785.D
 Acq: 04 Apr 2025 15:00

Tgt Ion:113 Resp: 198061
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.6 123.8
 192 19.5 16.2 24.4

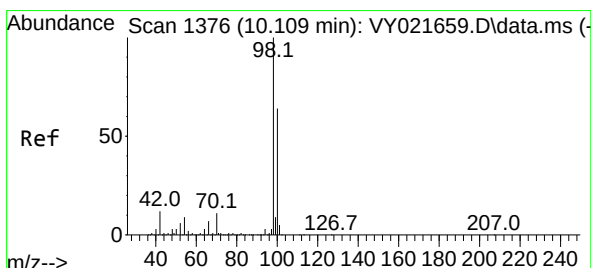
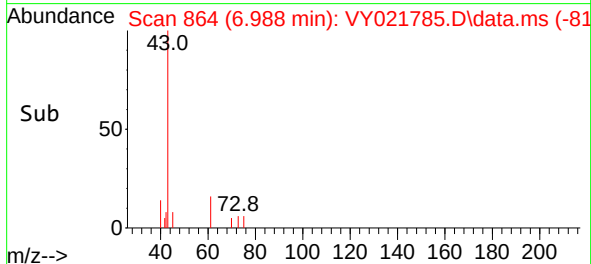
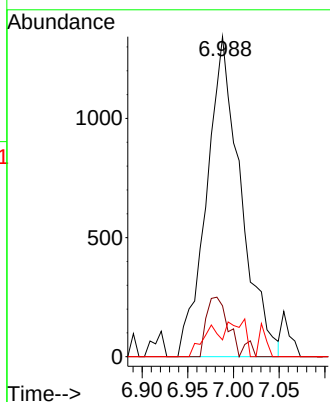
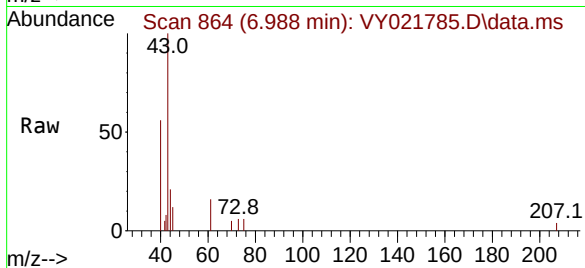




#37
Ethyl Acetate
Concen: 1.252 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021785.D
Acq: 04 Apr 2025 15:00

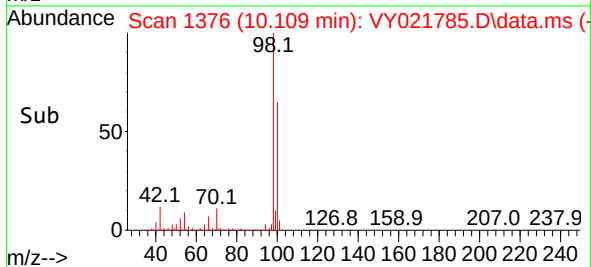
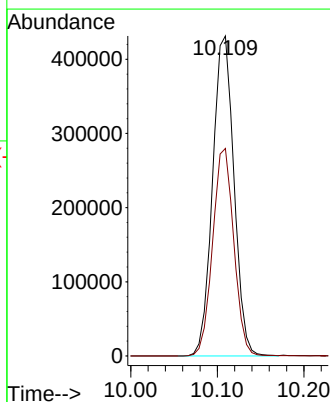
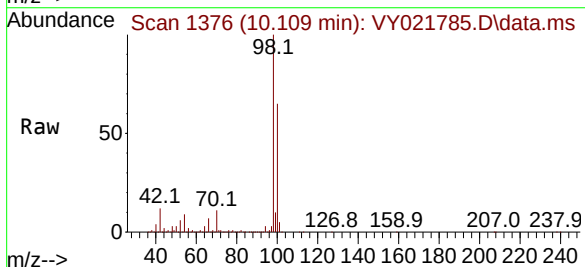
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-22-040325

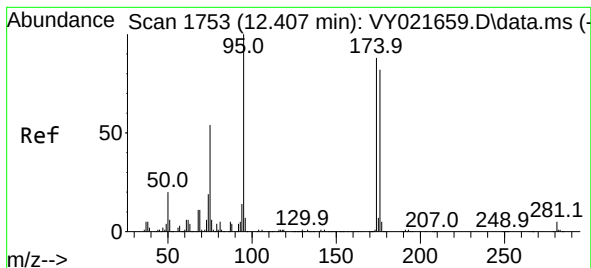
Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.0	16.6
70	5.3	8.1	12.1



#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021785.D
Acq: 04 Apr 2025 15:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1

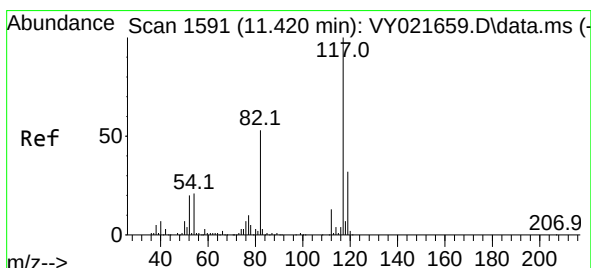
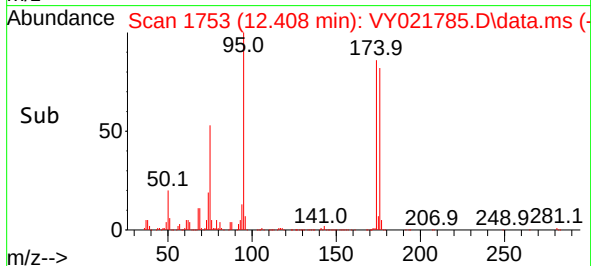
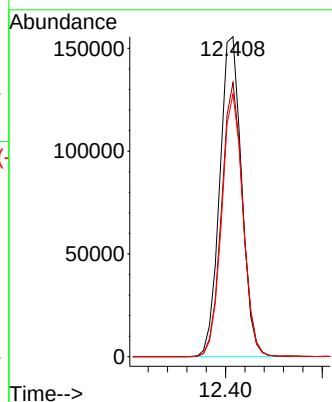
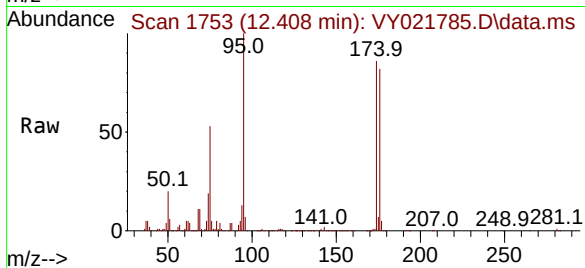




#62
4-Bromofluorobenzene
Concen: 48.988 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021785.D
Acq: 04 Apr 2025 15:00

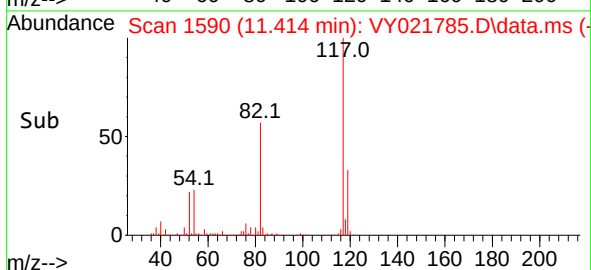
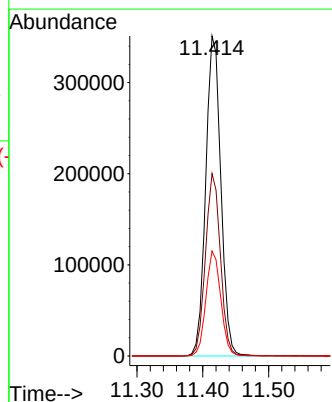
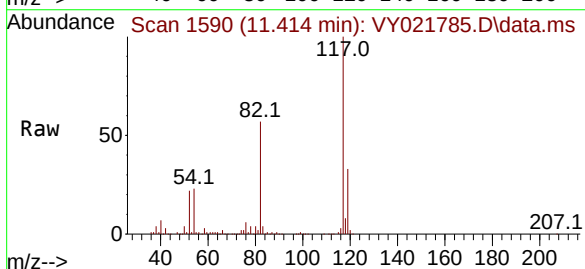
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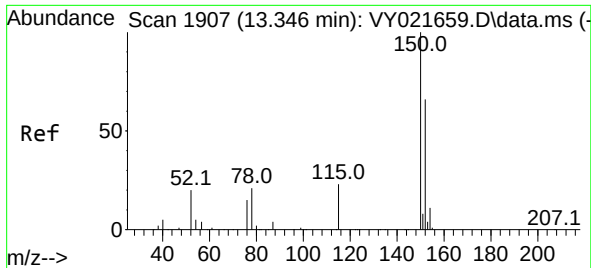
Tgt Ion: 95 Resp: 244095
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 79.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021785.D
Acq: 04 Apr 2025 15:00

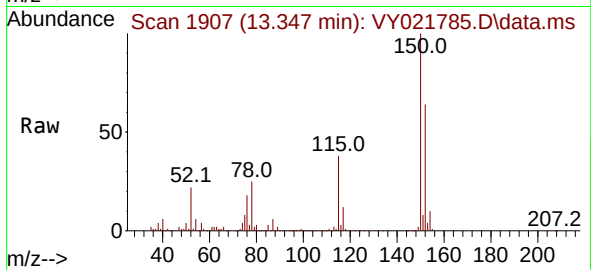
Tgt Ion: 117 Resp: 561519
Ion Ratio Lower Upper
117 100
82 57.0 42.8 64.2
119 32.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021785.D
 Acq: 04 Apr 2025 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-22-040325



Tgt Ion:	152	Resp:	235341
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.8	86.5
150	157.8	0.0	348.4

