

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021789.D
 Acq On : 04 Apr 2025 16:34
 Operator : SY/MD
 Sample : Q1730-17
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-26-040325

Quant Time: Apr 04 23:41:06 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)

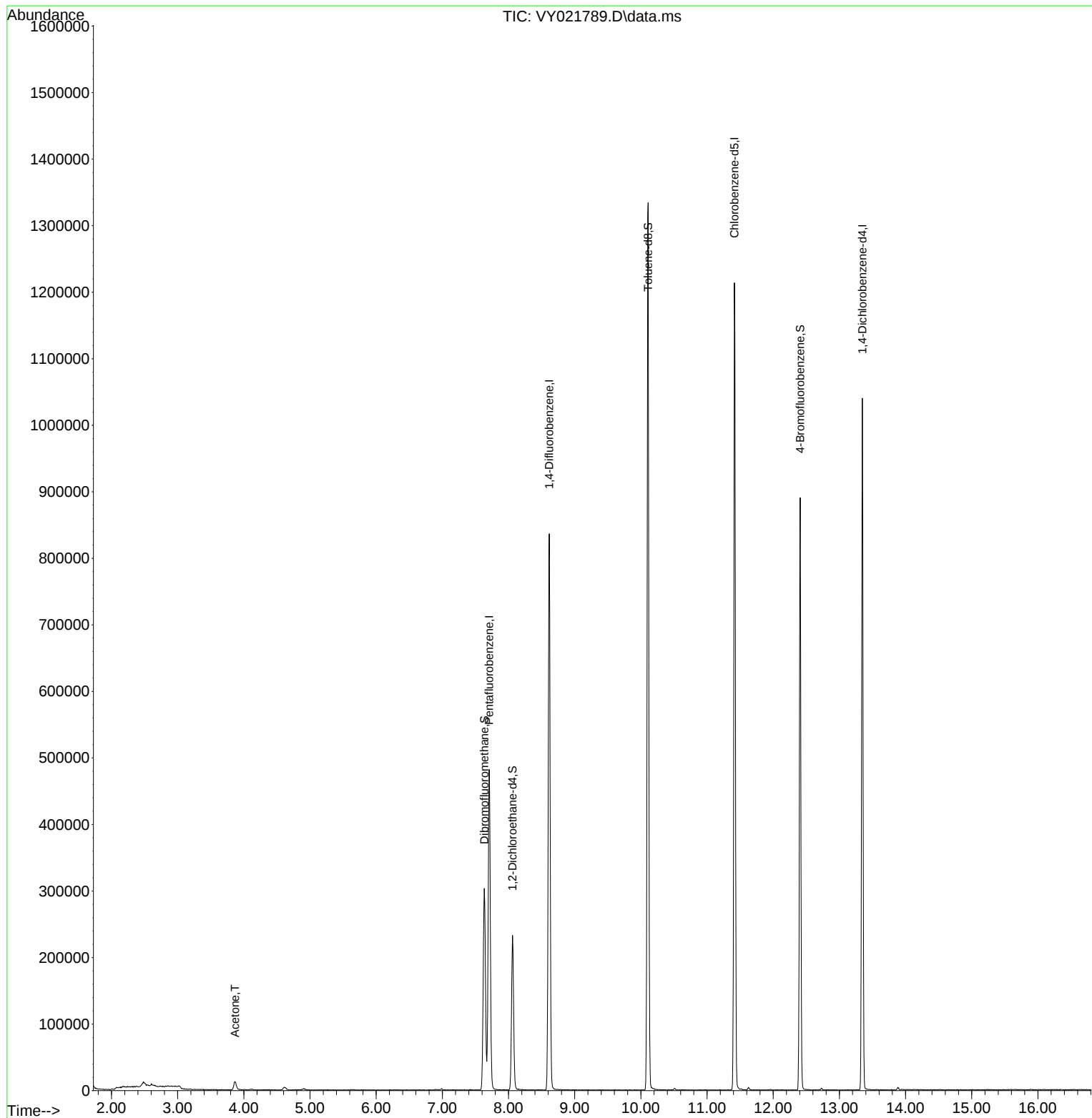
Internal Standards						
1) Pentafluorobenzene	7.707	168	360902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	687159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	614248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	184699	47.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.460%
35) Dibromofluoromethane	7.634	113	212183	47.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.109	98	848224	50.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.408	95	256795	44.770	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.540%
Target Compounds						
16) Acetone	3.866	43	21836	27.286	ug/l	Qvalue 98

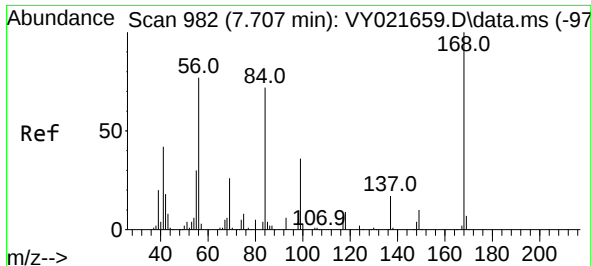
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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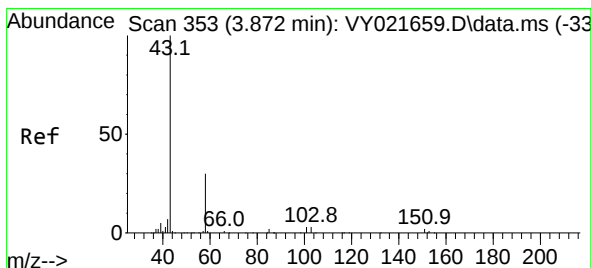
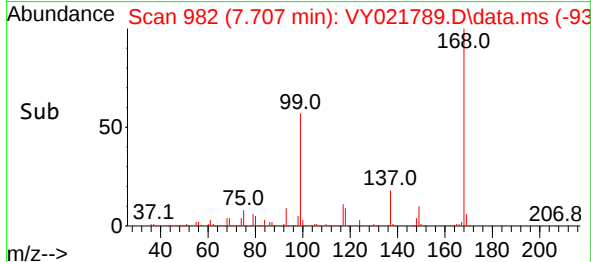
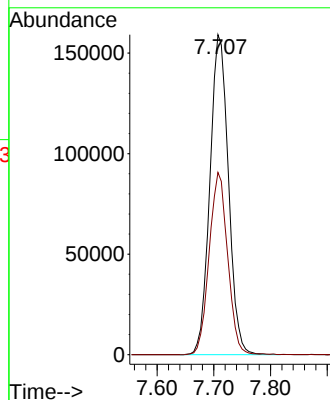
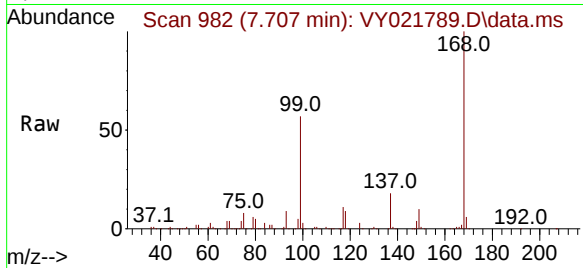




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021789.D
Acq: 04 Apr 2025 16:34

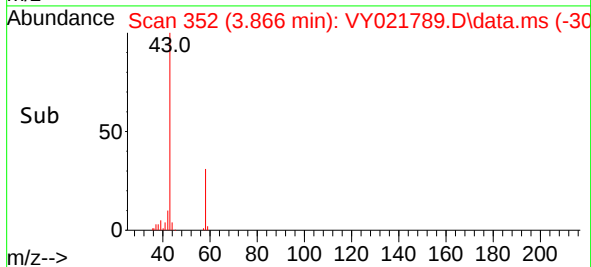
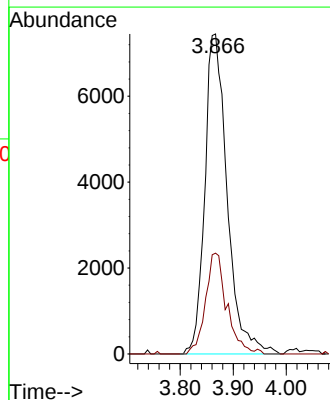
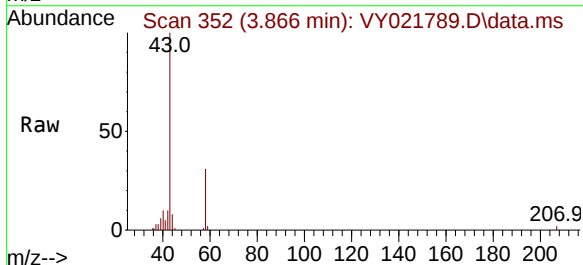
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-26-040325

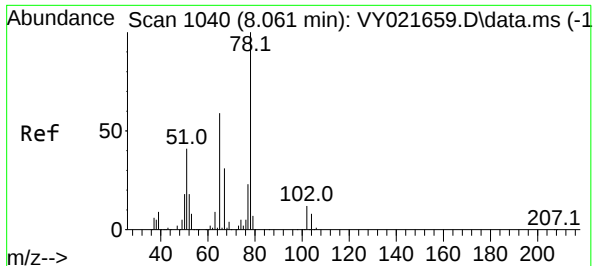
Tgt Ion:168 Resp: 360902
Ion Ratio Lower Upper
168 100
99 56.9 46.7 70.1



#16
Acetone
Concen: 27.286 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021789.D
Acq: 04 Apr 2025 16:34

Tgt Ion: 43 Resp: 21836
Ion Ratio Lower Upper
43 100
58 31.5 24.2 36.4

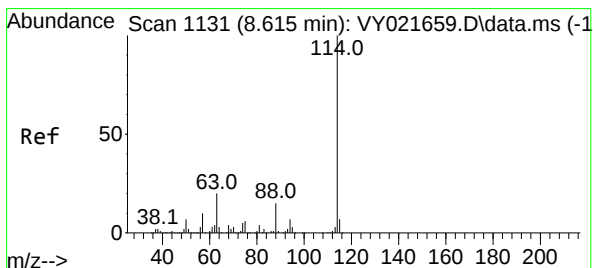
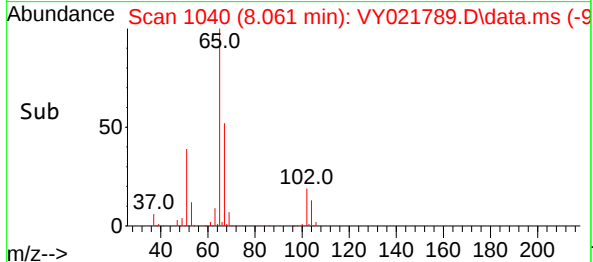
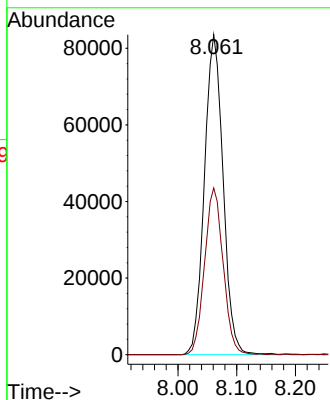
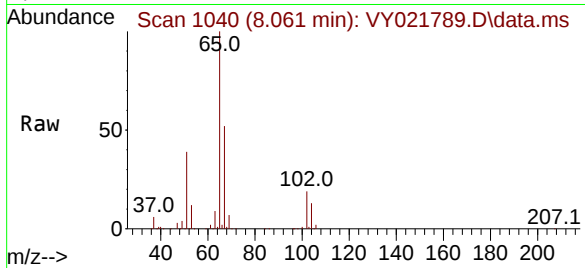




#33
 1,2-Dichloroethane-d4
 Concen: 47.234 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY021789.D
 Acq: 04 Apr 2025 16:34

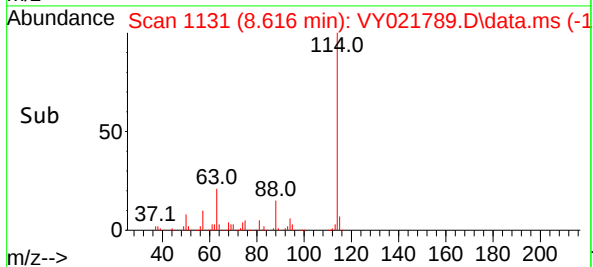
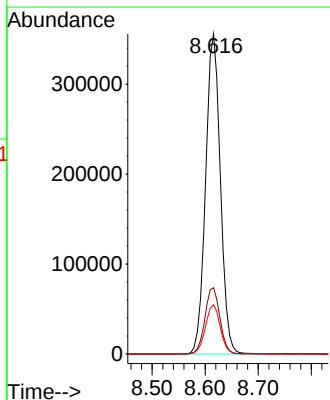
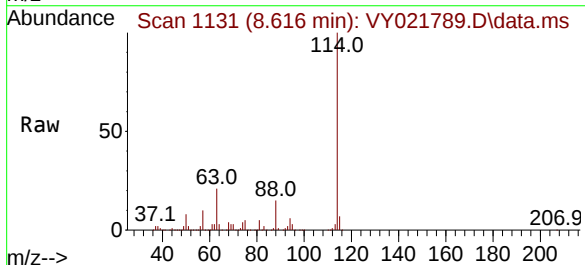
Instrument :
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 ClientSampleId :
 OU4-PCS-TC-26-040325

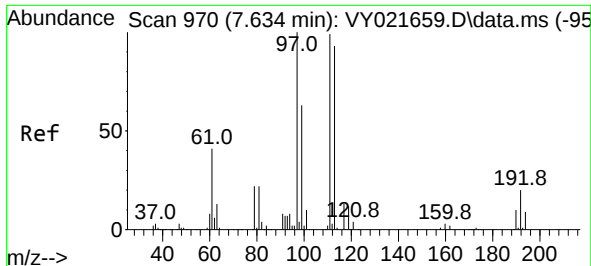
Tgt Ion: 65 Resp: 184699
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021789.D
 Acq: 04 Apr 2025 16:34

Tgt Ion: 114 Resp: 687159
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.4 0.0 29.8

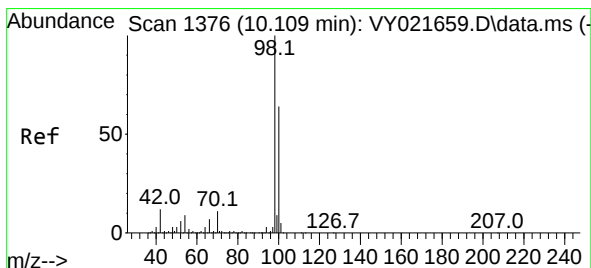
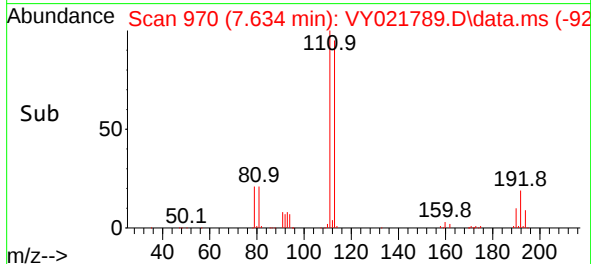
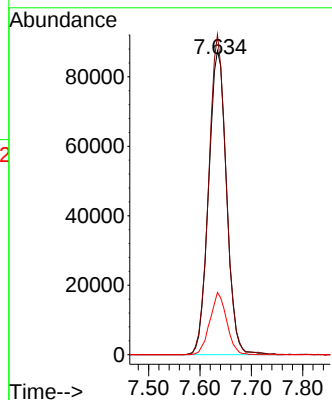
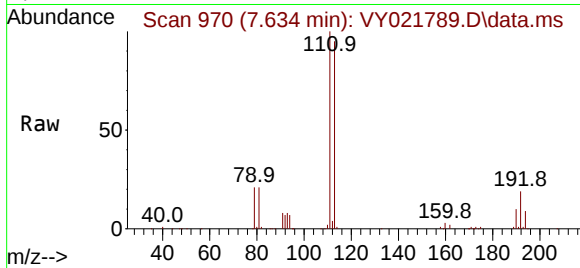




#35
Dibromofluoromethane
Concen: 47.601 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021789.D
Acq: 04 Apr 2025 16:34

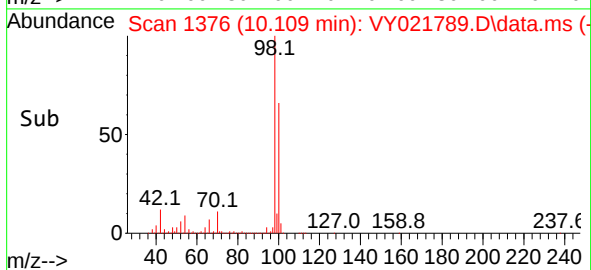
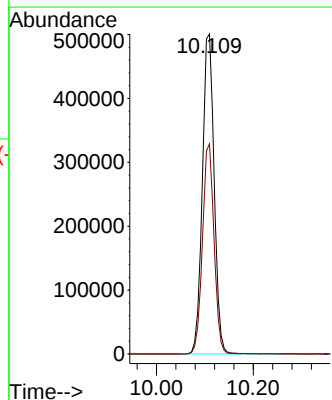
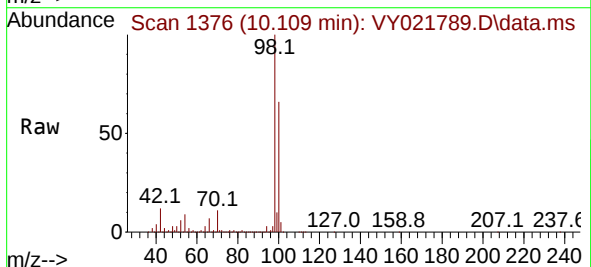
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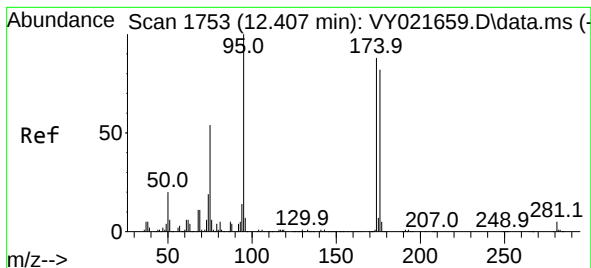
Tgt Ion:113 Resp: 212183
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.1 16.2 24.4



#50
Toluene-d8
Concen: 50.020 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021789.D
Acq: 04 Apr 2025 16:34

Tgt Ion: 98 Resp: 848224
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

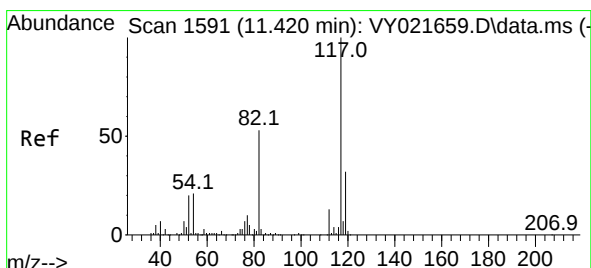
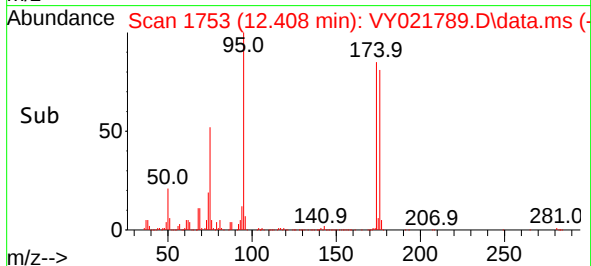
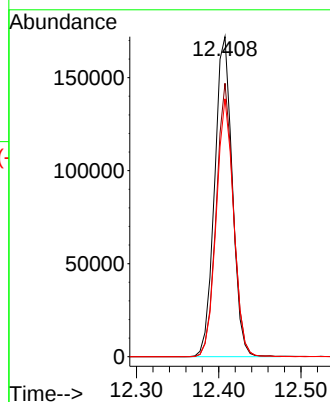
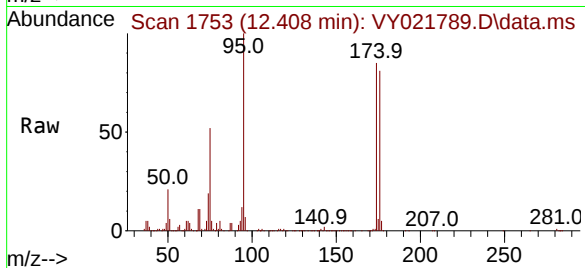




#62
4-Bromofluorobenzene
Concen: 44.770 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021789.D
Acq: 04 Apr 2025 16:34

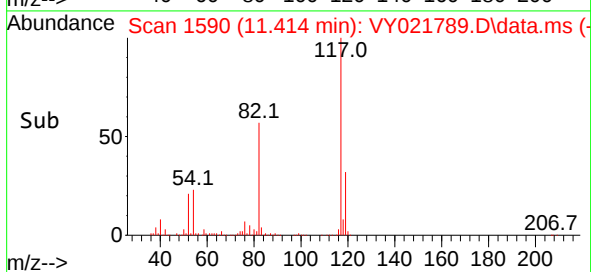
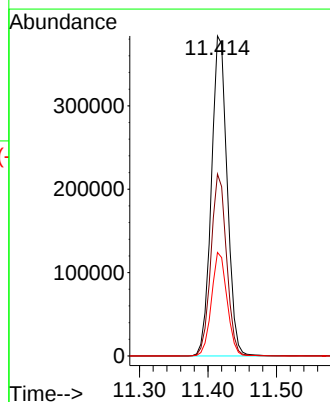
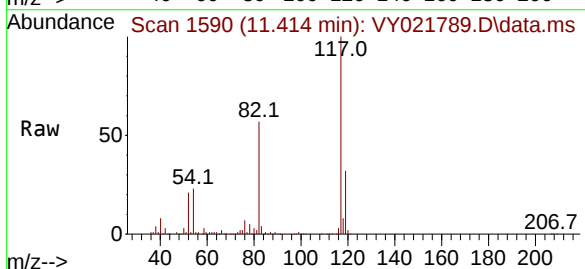
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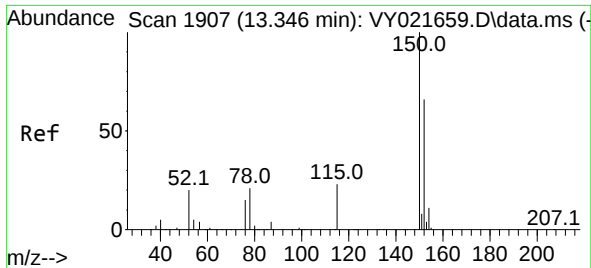
Tgt Ion: 95 Resp: 256795
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 79.5 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021789.D
Acq: 04 Apr 2025 16:34

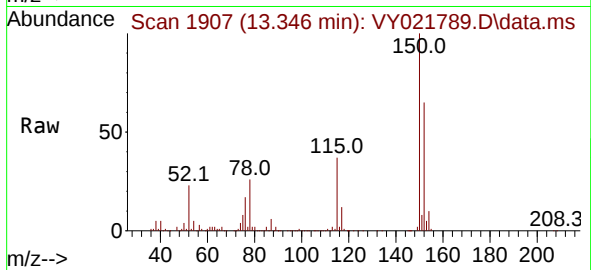
Tgt Ion: 117 Resp: 614248
Ion Ratio Lower Upper
117 100
82 56.8 42.8 64.2
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021789.D
 Acq: 04 Apr 2025 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-26-040325



Tgt Ion:152 Resp: 248629
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 155.7 0.0 348.4

