Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
Data File : VY022937.D
Acq On : 03 Jul 2025 13:03
Operator : SY/MD
Sample : Q2458-09
Misc : 7.23g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-59

Quant Time: Jul 04 03:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	268585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	499539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	495456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	213523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161010	53.712	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.420%			
35) Dibromofluoromethane	7.634	113	157764	51.931	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.103	98	621695	51.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.402	95	216375	55.834	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.660%			
Target Compounds						Qvalue
16) Acetone	3.873	43	46020	81.224	ug/l	97
17) Carbon Disulfide	4.104	76	18098	2.061	ug/l	99
25) 2-Butanone	6.890	43	12916	15.663	ug/l	93
40) Benzene	8.079	78	183825	12.984	ug/l	100

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

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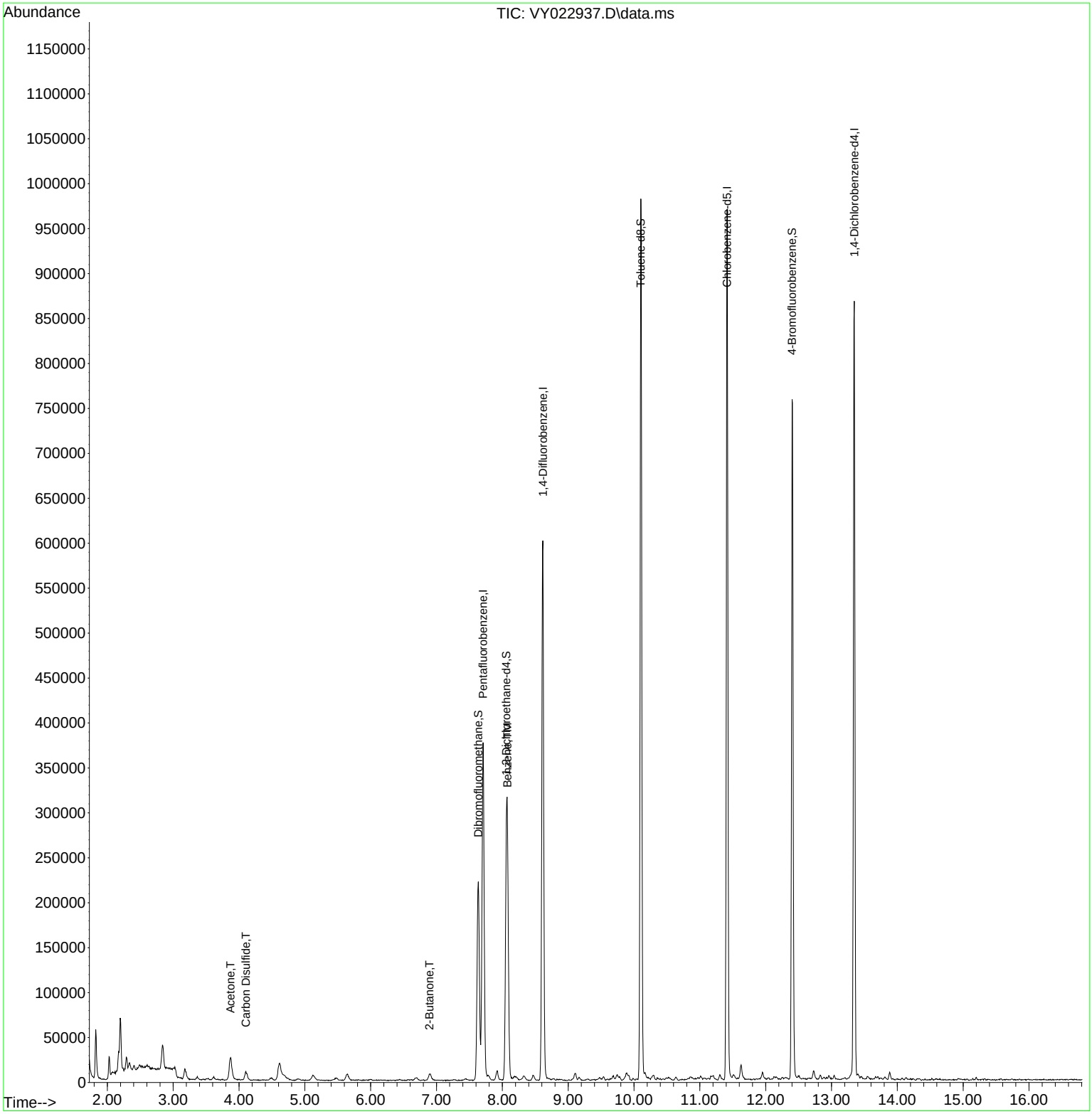
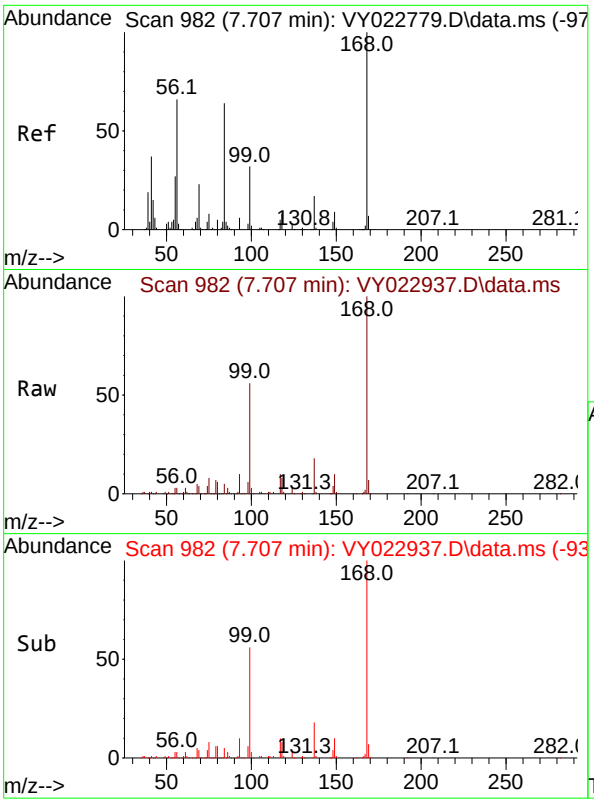


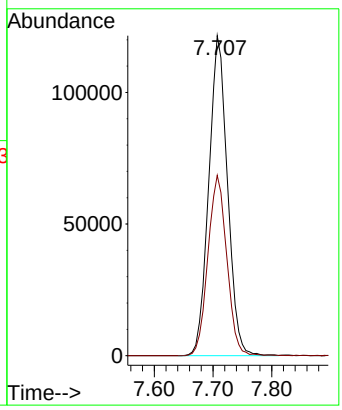


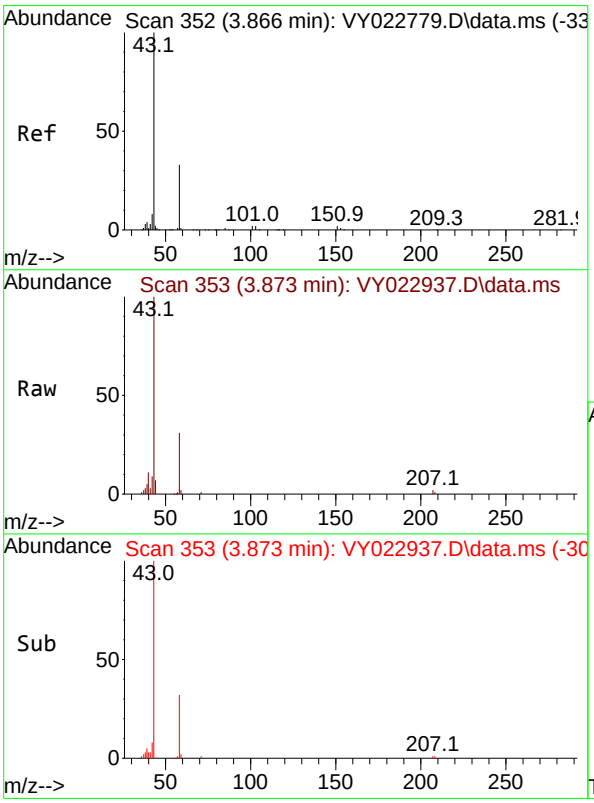
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-59

Tgt Ion:168 Resp: 268585

Ion	Ratio	Lower	Upper
168	100		
99	56.4	44.3	66.5

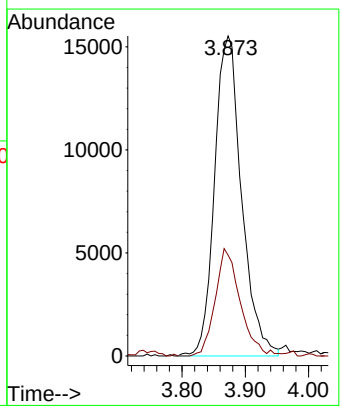


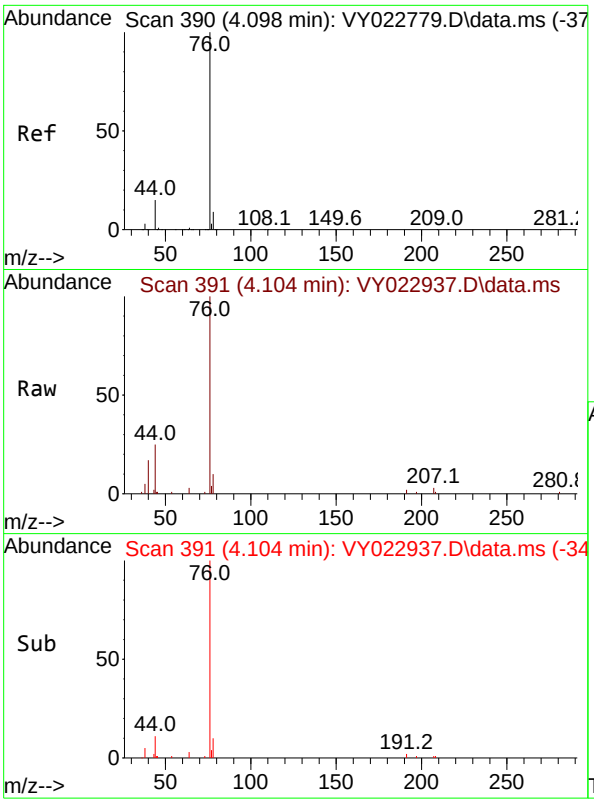


#16
Acetone
Concen: 81.224 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Tgt Ion: 43 Resp: 46020

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.0	36.0



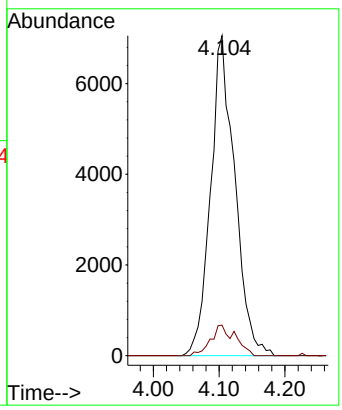


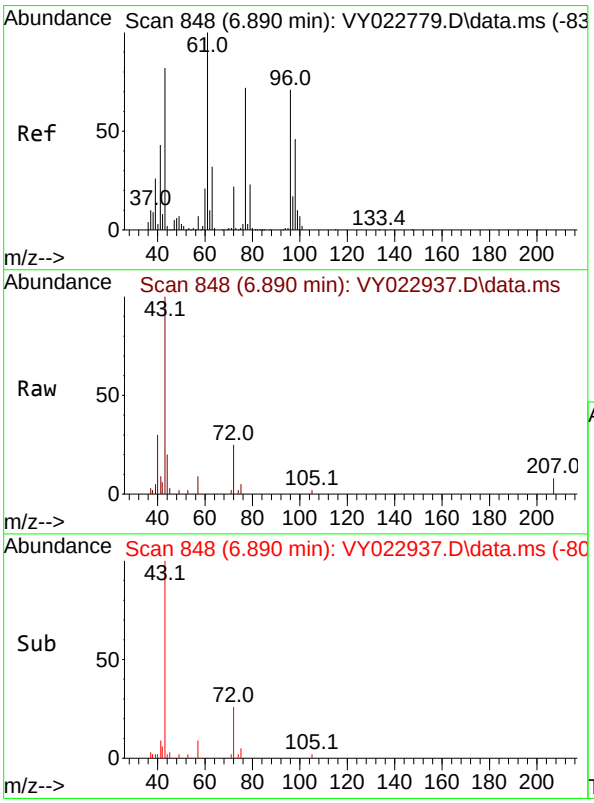
#17
Carbon Disulfide
Concen: 2.061 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-59

Tgt Ion: 76 Resp: 18098

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

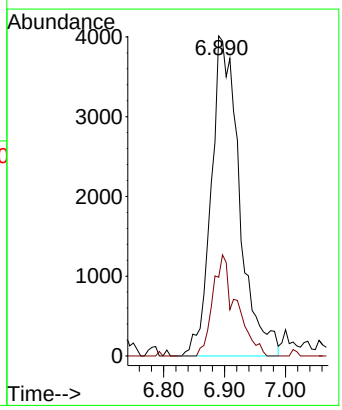


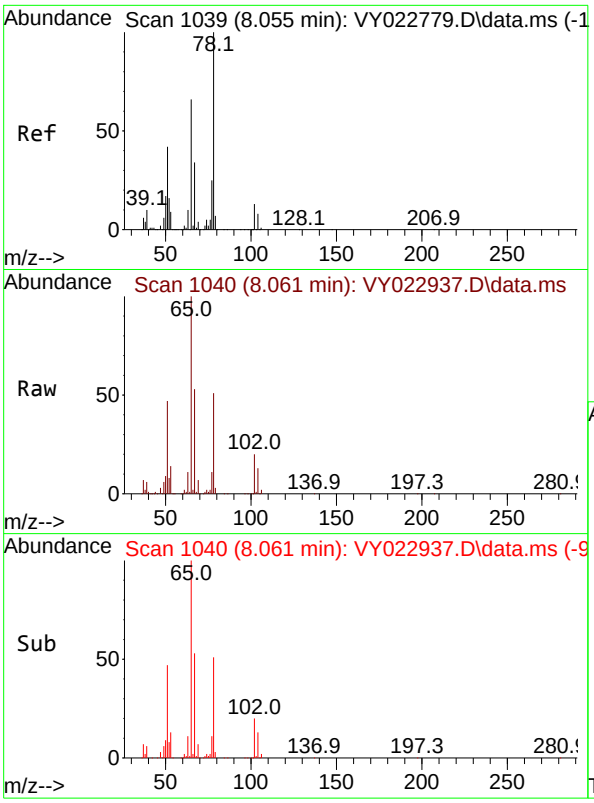


#25
2-Butanone
Concen: 15.663 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Tgt Ion: 43 Resp: 12916

Ion	Ratio	Lower	Upper
43	100		
72	24.6	22.9	34.3



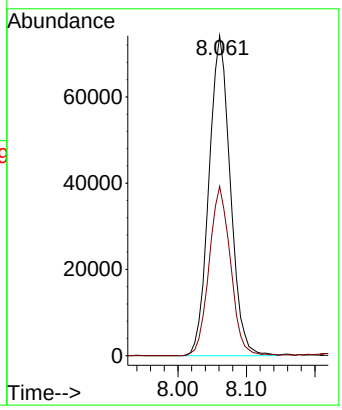


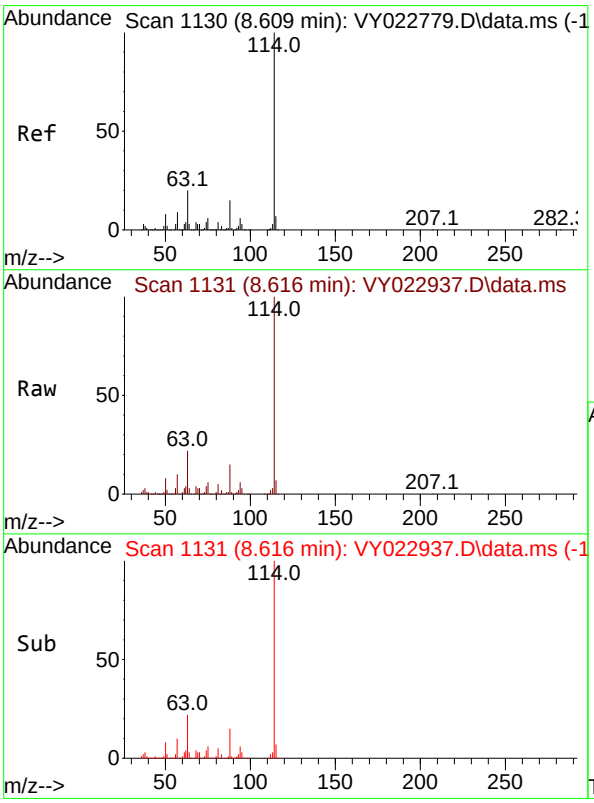
#33
1,2-Dichloroethane-d4
Concen: 53.712 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-59

Tgt Ion: 65 Resp: 161010

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.4

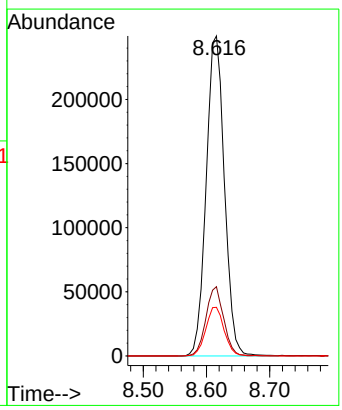


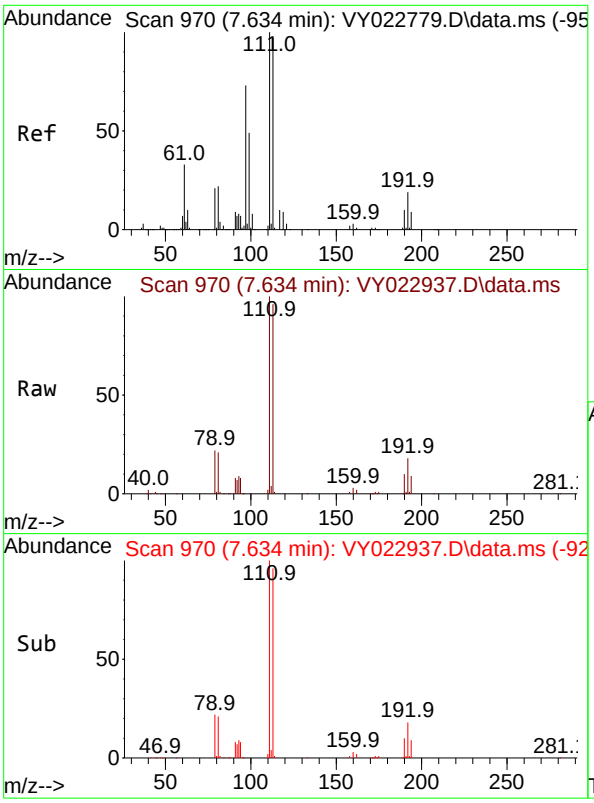


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Tgt Ion:114 Resp: 499539

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.8
88	15.2	0.0	27.8



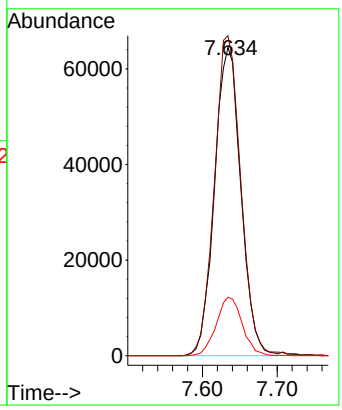


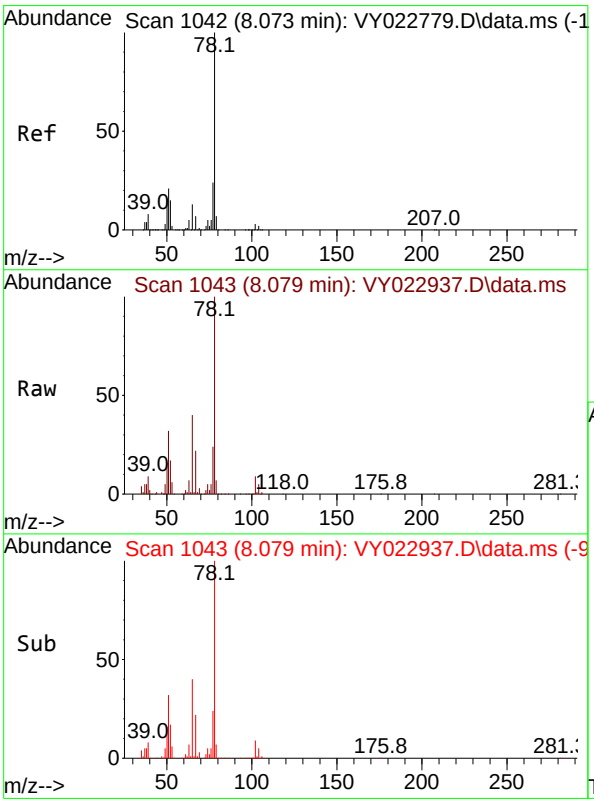
#35
Dibromofluoromethane
Concen: 51.931 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-59

Tgt Ion:113 Resp: 157764

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.1	121.7
192	18.8	14.2	21.2

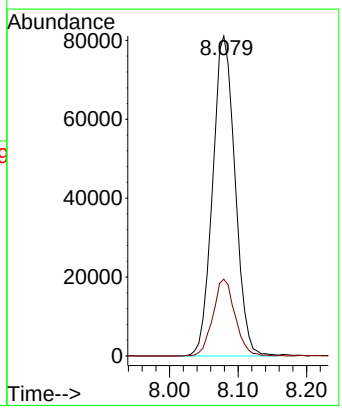


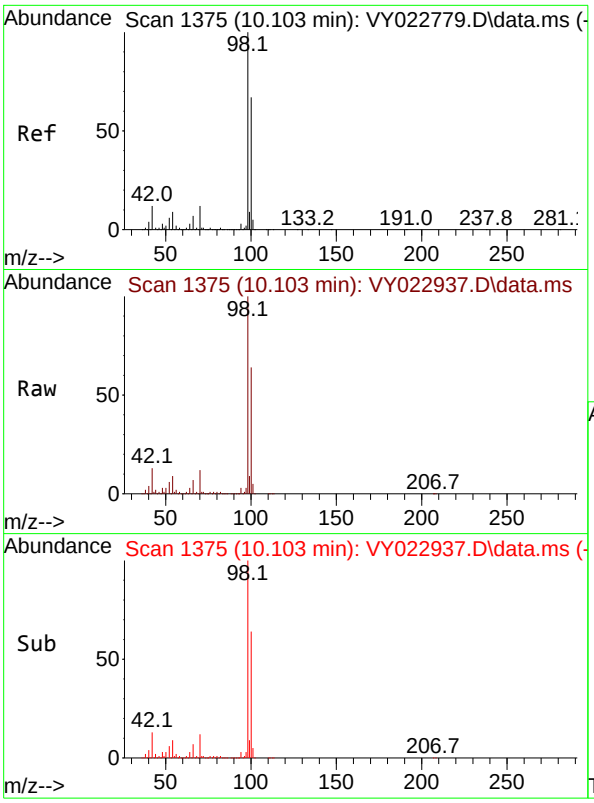


#40
Benzene
Concen: 12.984 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Tgt Ion: 78 Resp: 183825

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9



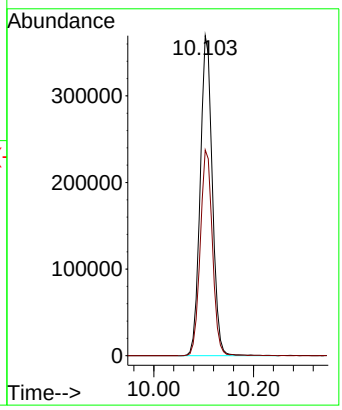


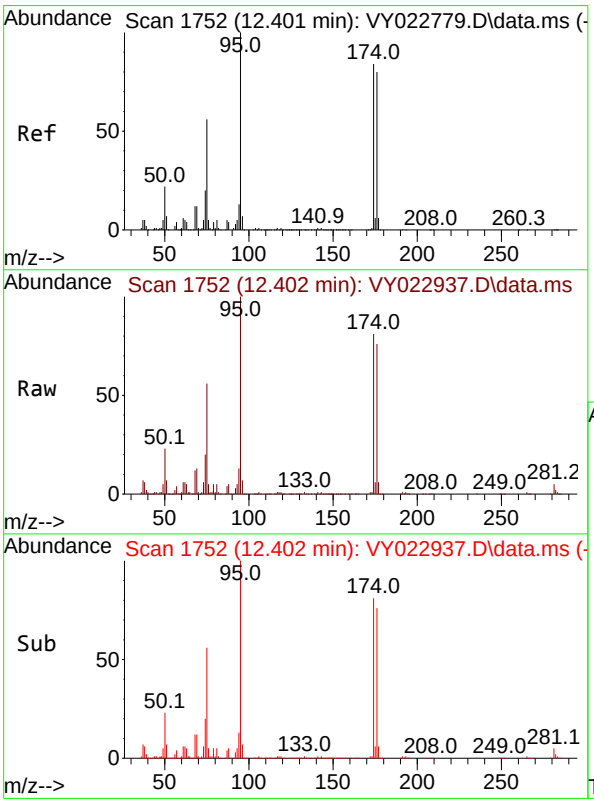
#50
Toluene-d8
Concen: 51.571 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-59

Tgt Ion: 98 Resp: 621695

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0

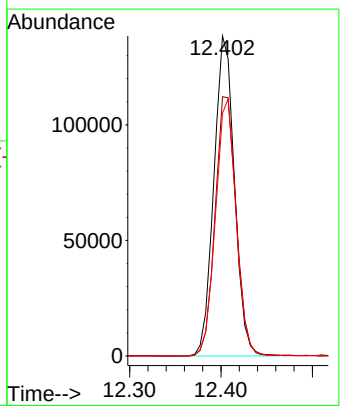


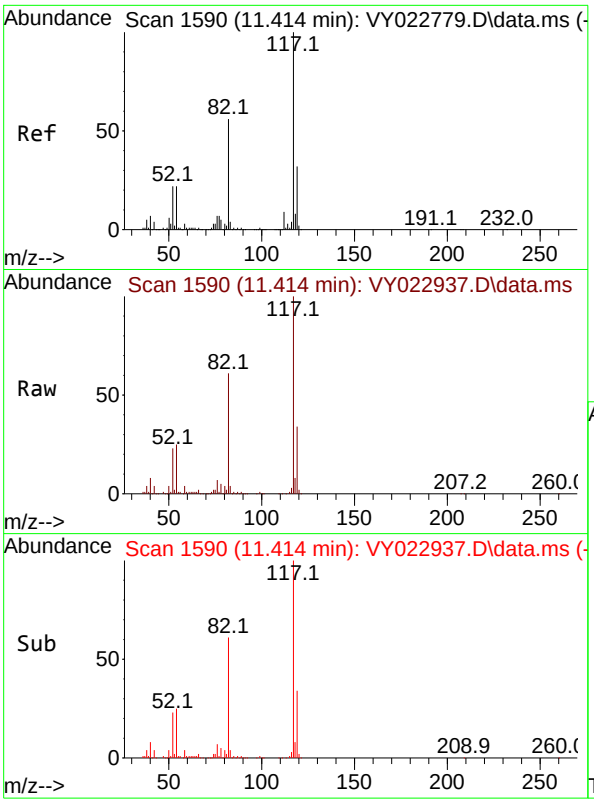


#62
4-Bromofluorobenzene
Concen: 55.834 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Tgt Ion: 95 Resp: 216375

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	170.0
176	80.7	0.0	166.2



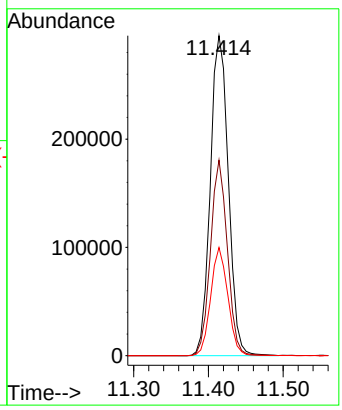


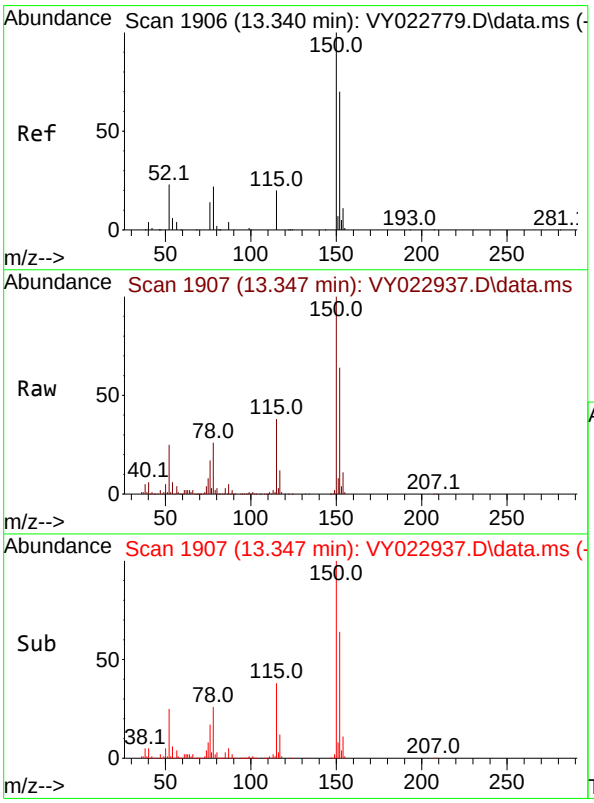
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-59

Tgt Ion:117 Resp: 495456

Ion	Ratio	Lower	Upper
117	100		
82	61.1	44.6	66.8
119	33.8	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022937.D
Acq: 03 Jul 2025 13:03

Tgt Ion:152 Resp: 213523

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.9	86.7
150	156.3	0.0	349.6