Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
Data File : VY023035.D
Acq On : 21 Jul 2025 18:30
Operator : SY/MD
Sample : Q2660-01
Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0205

Quant Time: Jul 22 04:56:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	251317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	493047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	502476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	214328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166705	65.525	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.040%			
35) Dibromofluoromethane	7.634	113	165487	52.912	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.820%			
50) Toluene-d8	10.103	98	607321	48.967	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.940%			
62) 4-Bromofluorobenzene	12.402	95	215115	55.098	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	27417	178.189	ug/l #	90
16) Acetone	3.867	43	55425	120.182	ug/l	99
25) 2-Butanone	6.896	43	13951	21.087	ug/l	94

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

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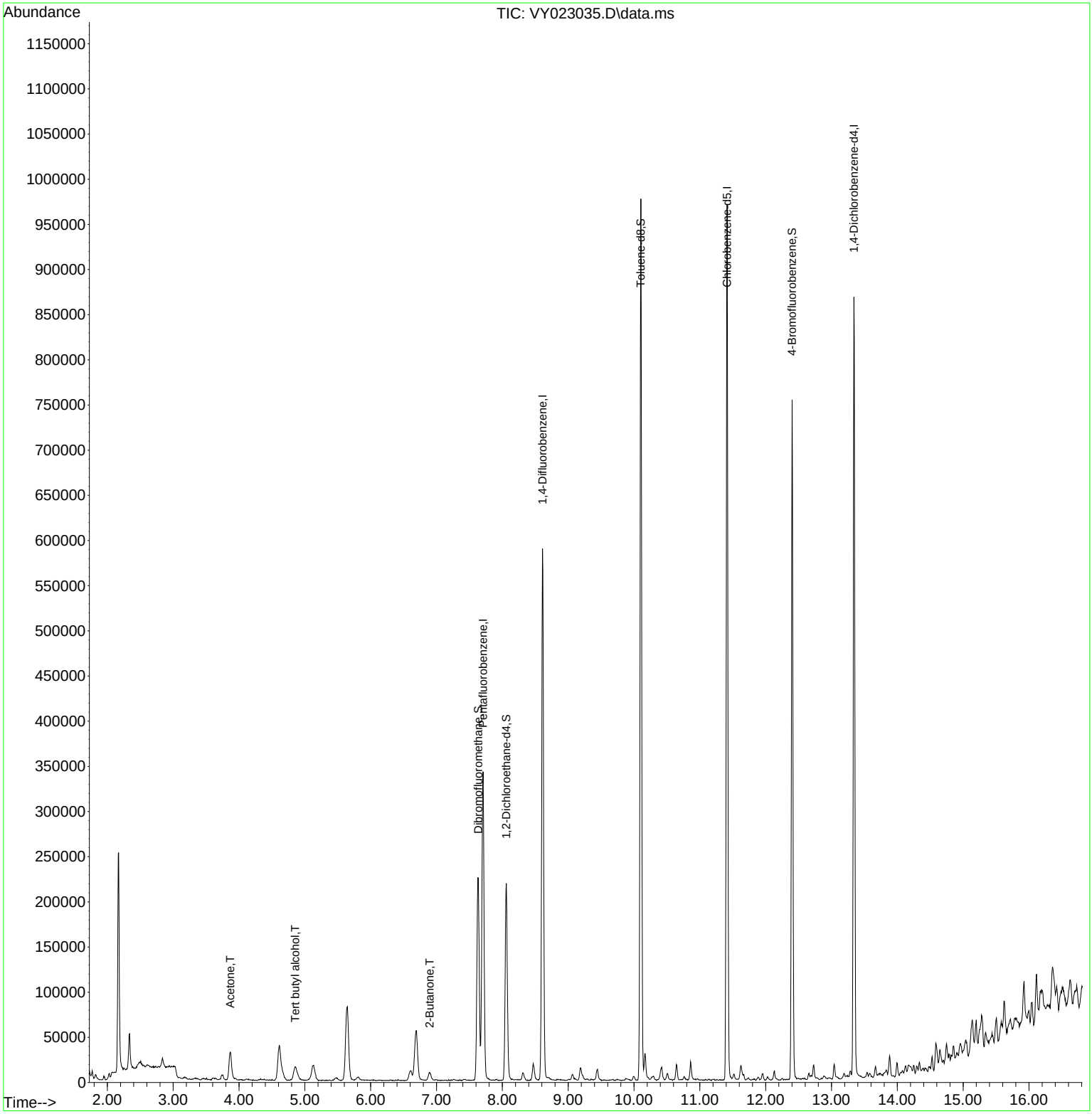
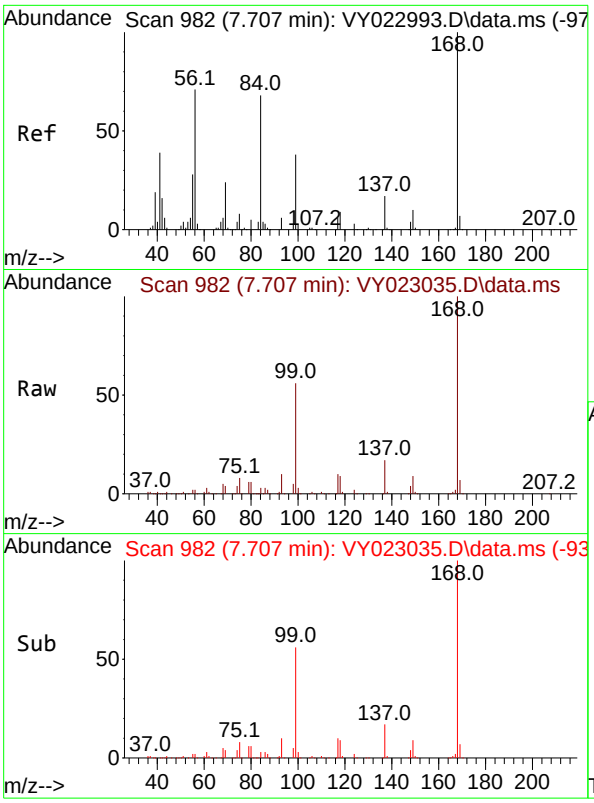


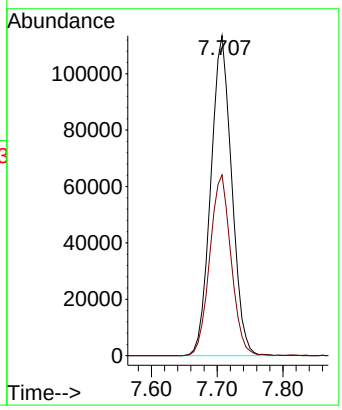


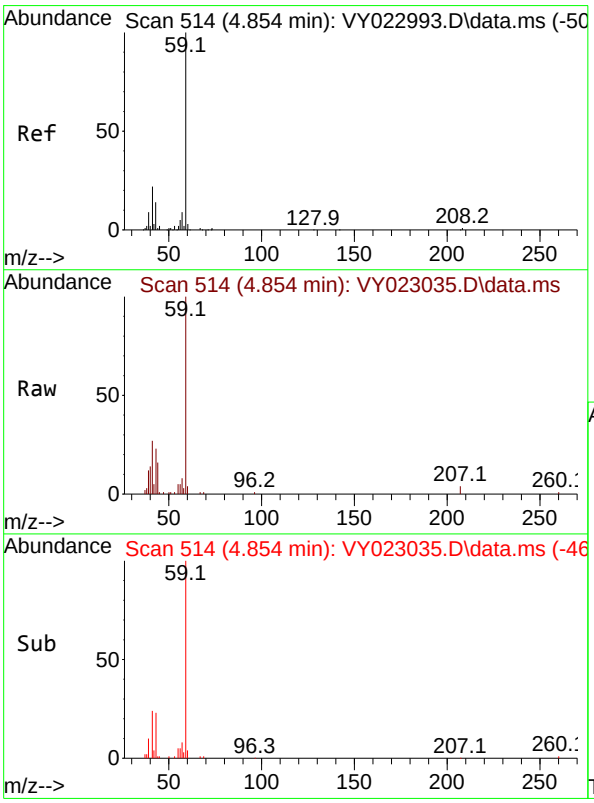
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0205

Tgt Ion:168 Resp: 251317

Ion	Ratio	Lower	Upper
168	100		
99	56.5	44.4	66.6

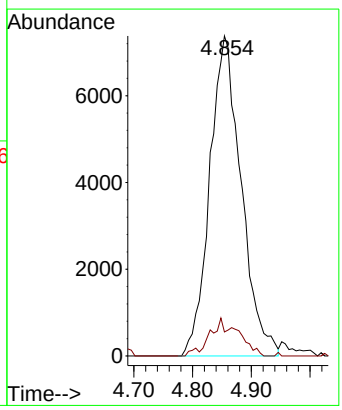


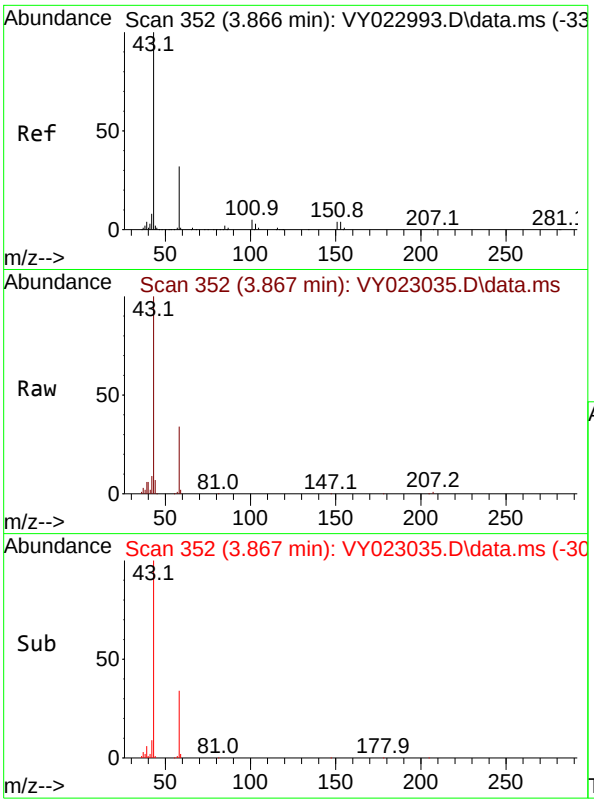


#11
Tert butyl alcohol
Concen: 178.189 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Tgt Ion: 59 Resp: 27417

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.2	12.2#



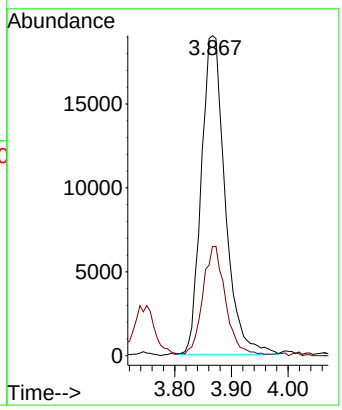


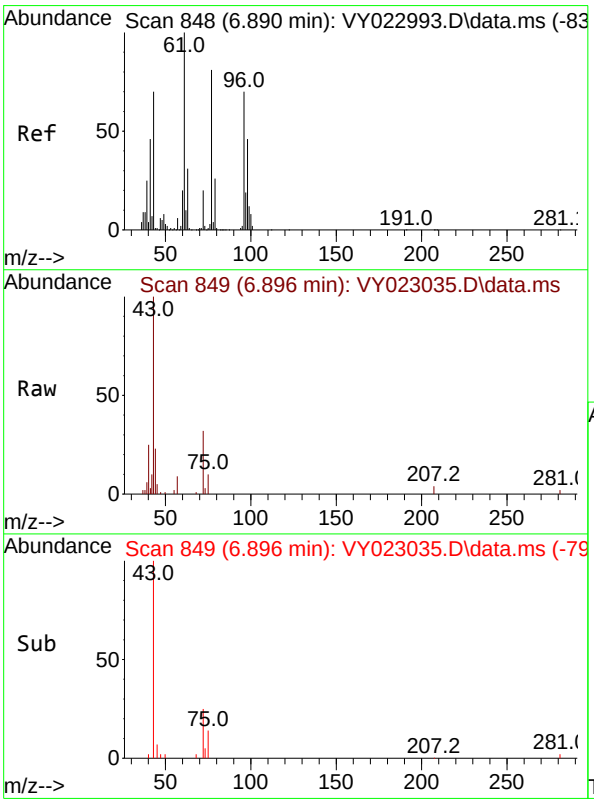
#16
Acetone
Concen: 120.182 ug/l
RT: 3.867 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0205

Tgt Ion: 43 Resp: 55425

Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.2	39.4

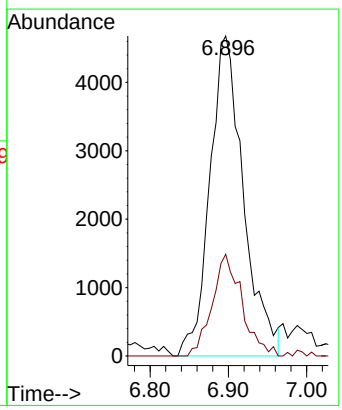


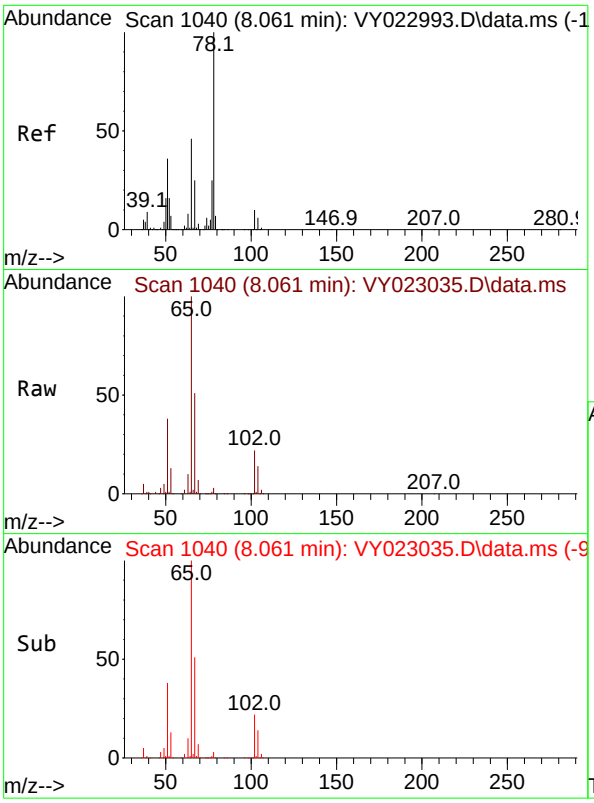


#25
2-Butanone
Concen: 21.087 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Tgt Ion: 43 Resp: 13951

Ion	Ratio	Lower	Upper
43	100		
72	31.7	22.9	34.3



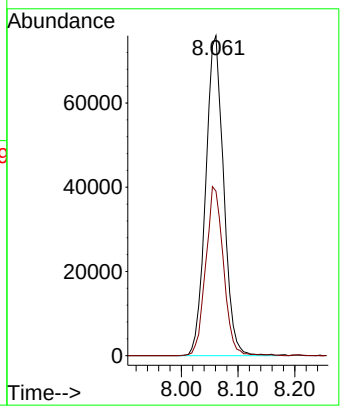


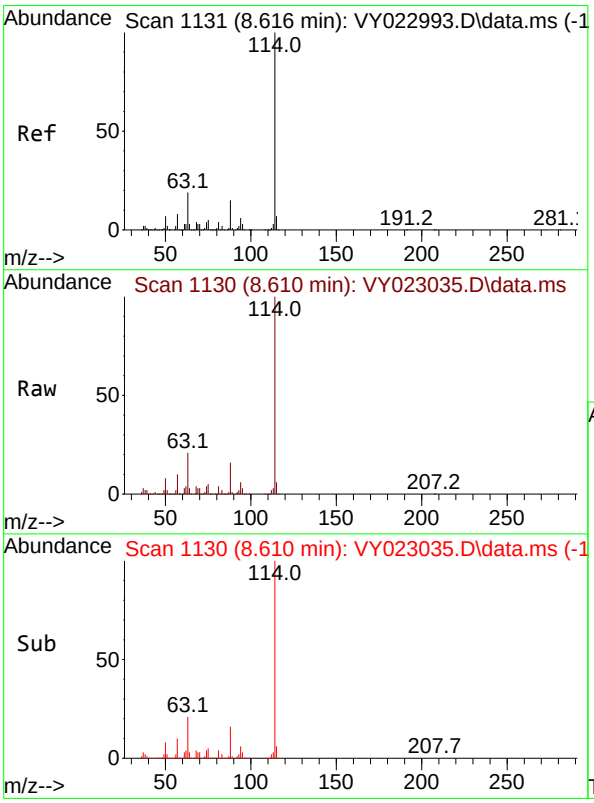
#33
1,2-Dichloroethane-d4
Concen: 65.525 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0205

Tgt Ion: 65 Resp: 166705

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.4

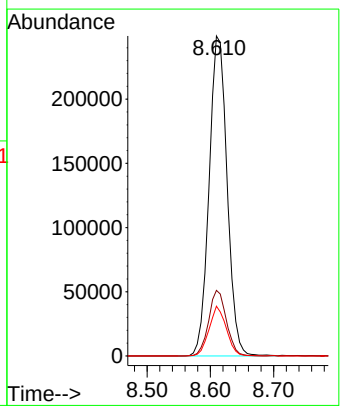


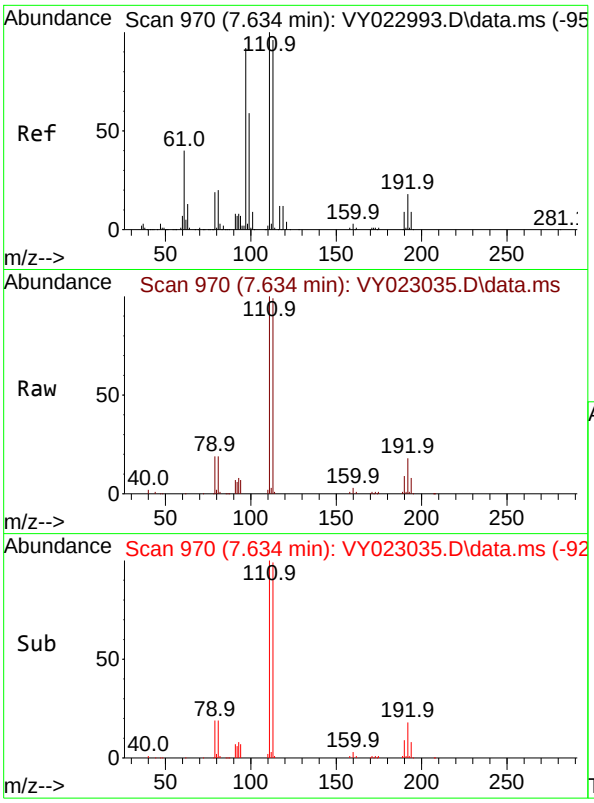


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Tgt Ion:114 Resp: 493047

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.8
88	15.6	0.0	30.2



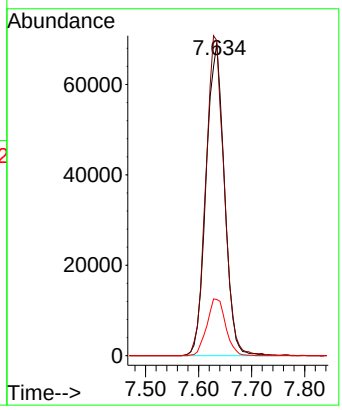


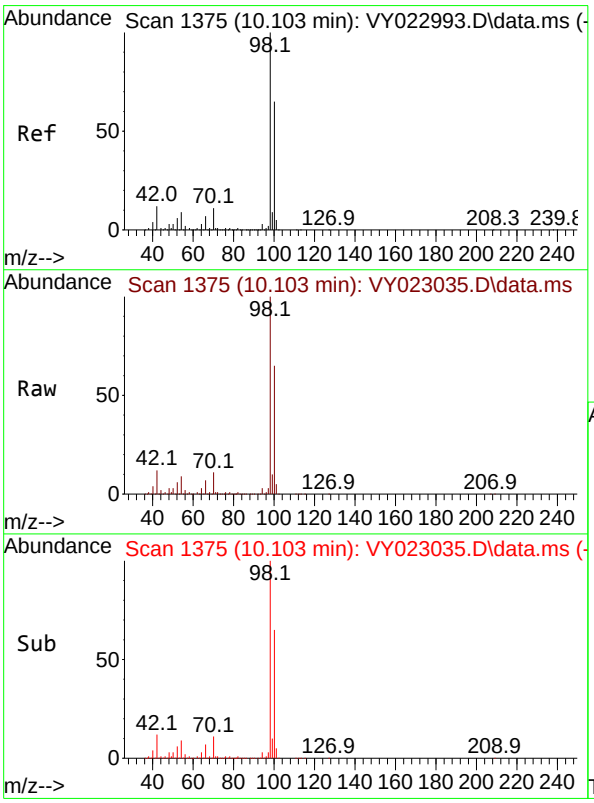
#35
Dibromofluoromethane
Concen: 52.912 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0205

Tgt Ion:113 Resp: 165487

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.2	124.8
192	18.7	15.3	22.9

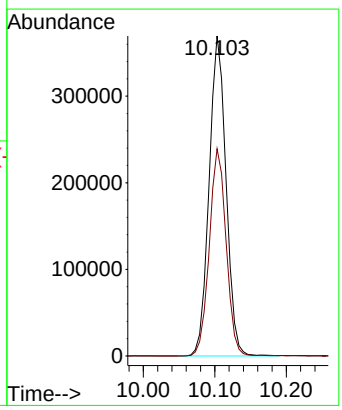


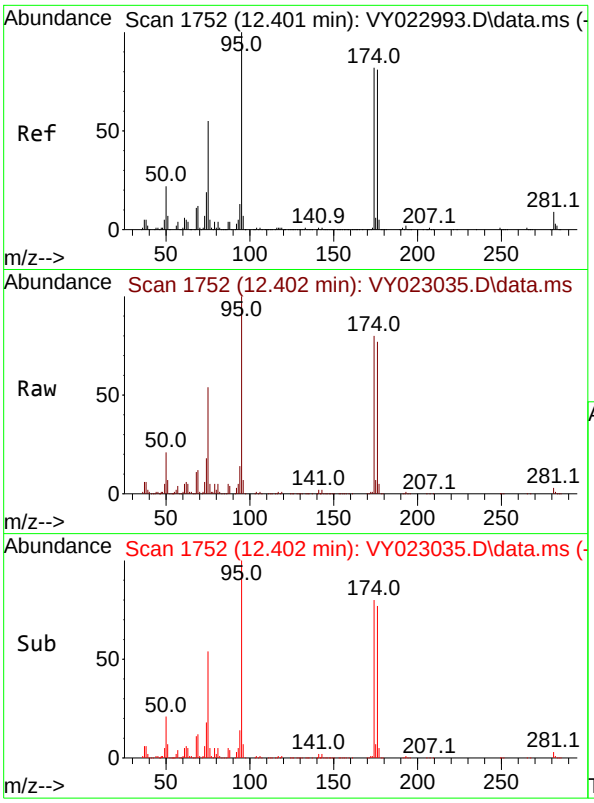


#50
Toluene-d8
Concen: 48.967 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Tgt Ion: 98 Resp: 607321

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2



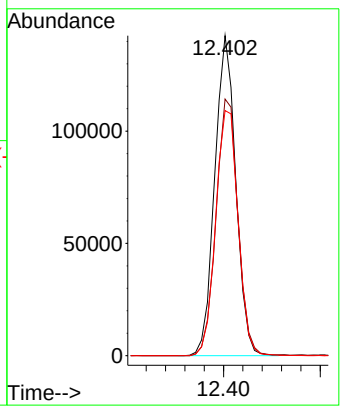


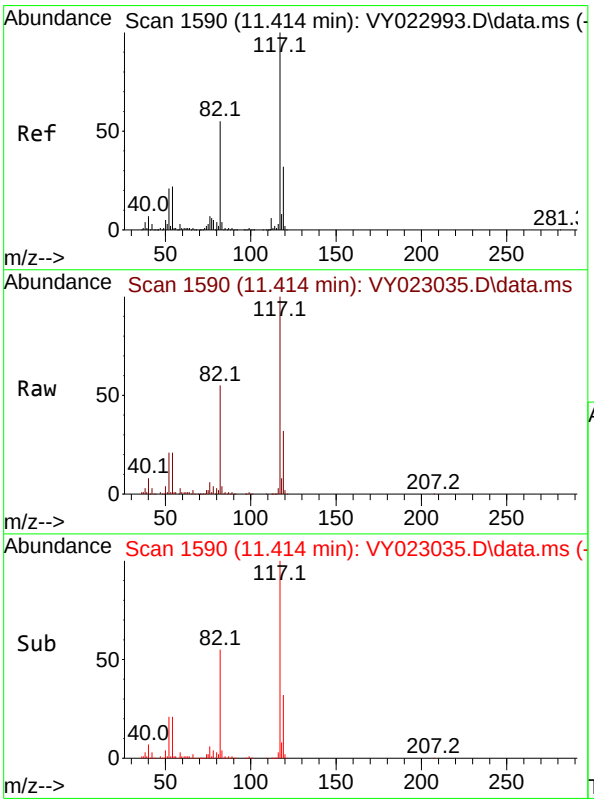
#62
4-Bromofluorobenzene
Concen: 55.098 ug/l
RT: 12.402 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0205

Tgt Ion: 95 Resp: 215115

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	170.8
176	81.7	0.0	163.6

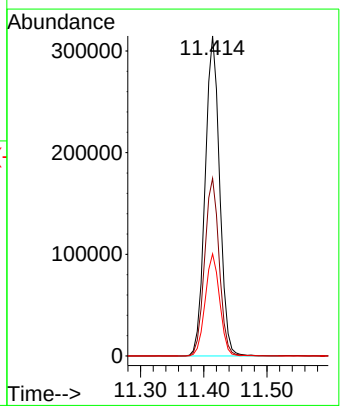


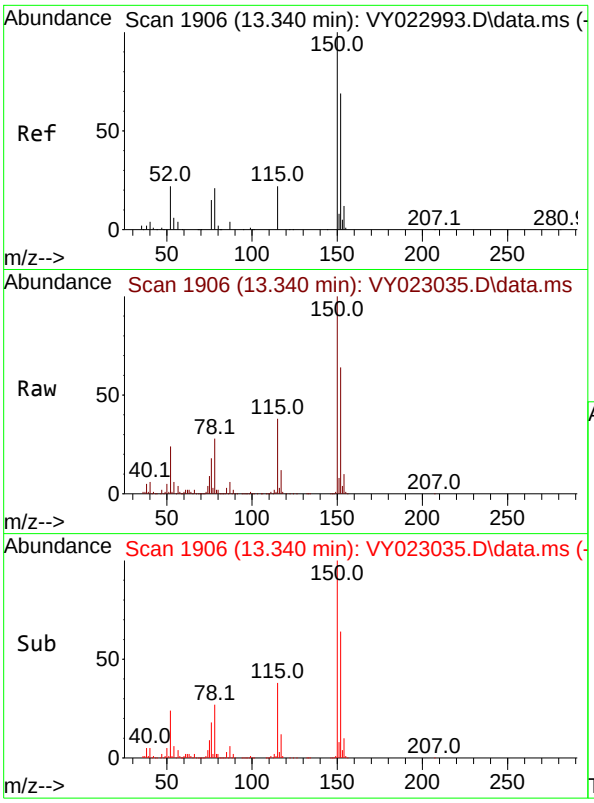


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Tgt Ion:117 Resp: 502476

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	31.9	25.8	38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023035.D
Acq: 21 Jul 2025 18:30

Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0205

Tgt Ion:152 Resp: 214328

Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.4	88.2
150	155.1	0.0	350.0