Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071525\
Data File : VW031861.D
Acq On : 15 Jul 2025 14:41
Operator : SY/MD
Sample : Q2565-05
Misc : 3.36g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Quant Time: Jul 16 01:24:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.971	168	197310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	405559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	359637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	148775	52.541	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.080%			
35) Dibromofluoromethane	7.904	113	120633	45.583	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 91.160%			
50) Toluene-d8	10.325	98	421482	42.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 85.600%			
62) 4-Bromofluorobenzene	12.617	95	189485	52.282	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.228	59	154961	883.334	ug/l	97
16) Acetone	4.167	43	169610	242.338	ug/l	99
25) 2-Butanone	7.203	43	48023	52.741	ug/l	100
68) m/p-Xylenes	11.836	106	7615	1.440	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	18564	1.752	ug/l	95

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

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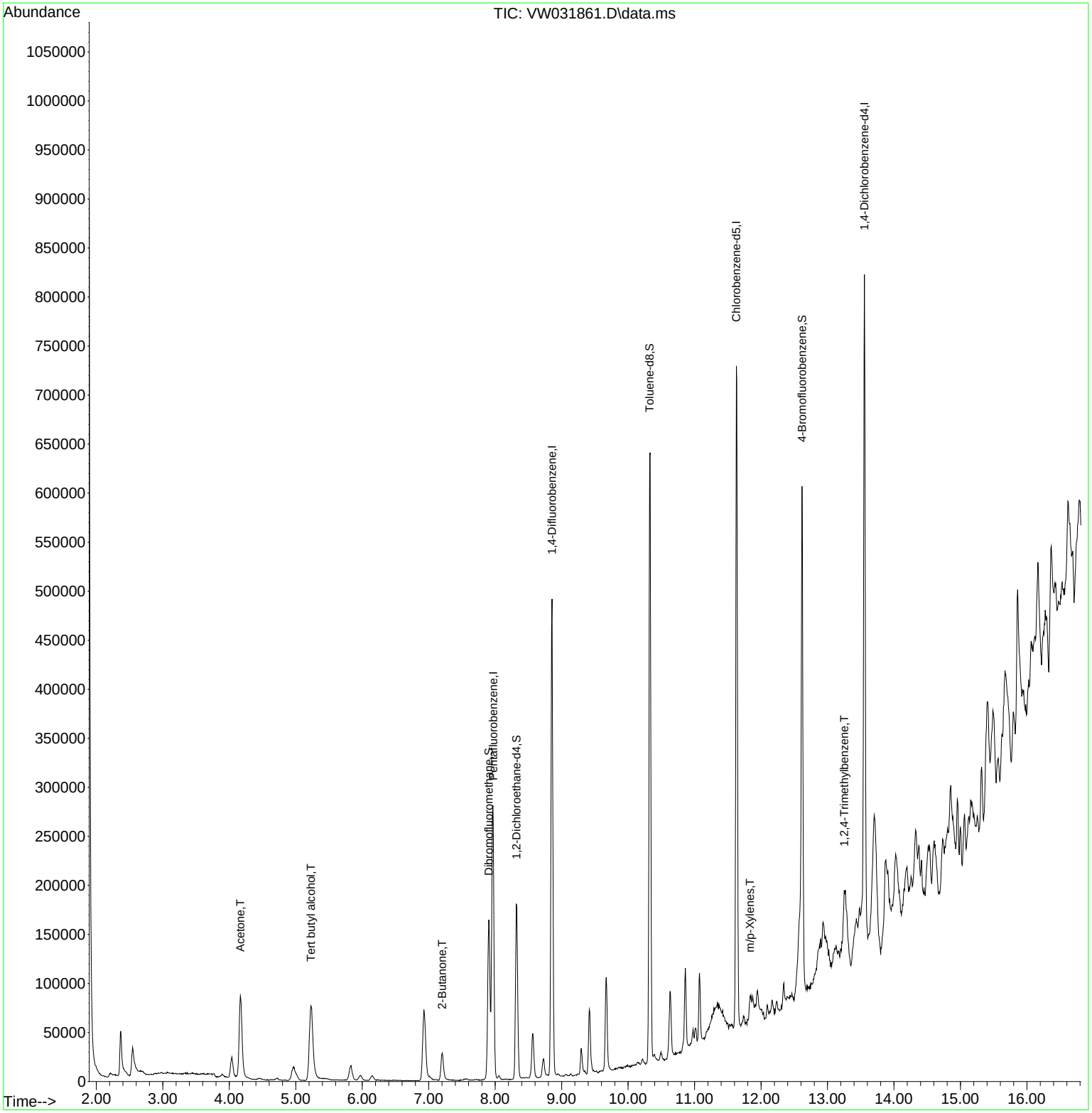
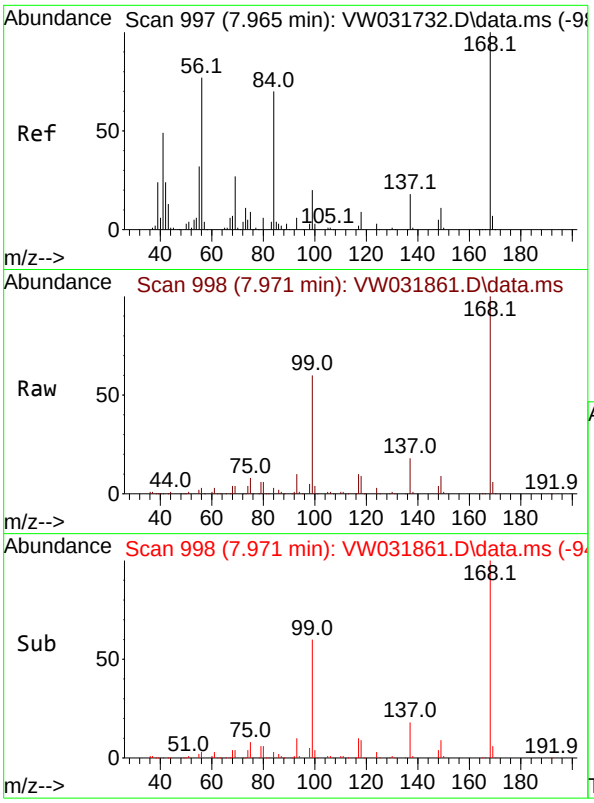


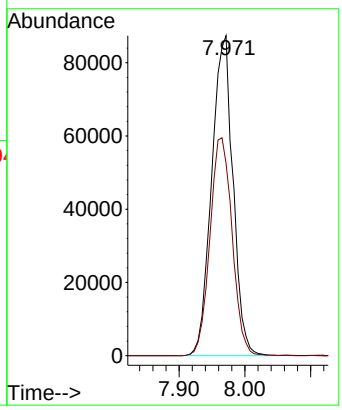


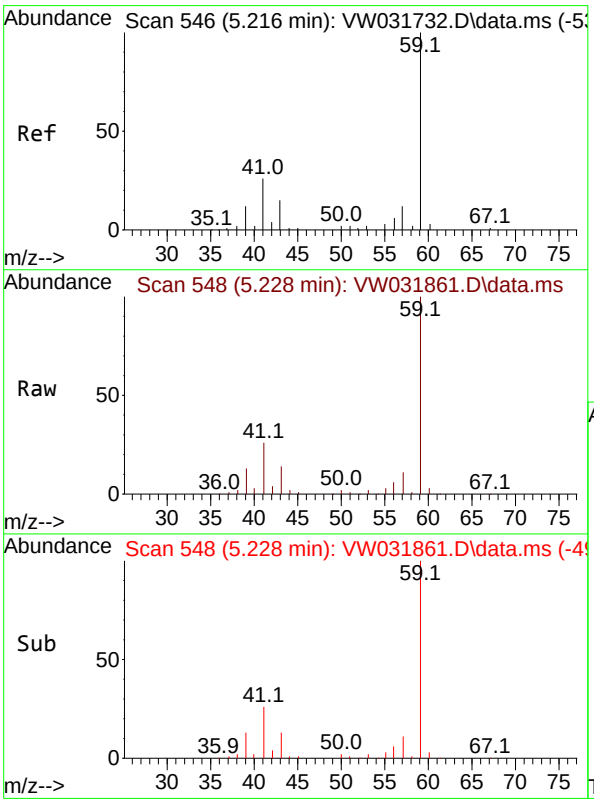
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Tgt Ion:168 Resp: 197310

Ion	Ratio	Lower	Upper
168	100		
99	60.1	49.4	74.2

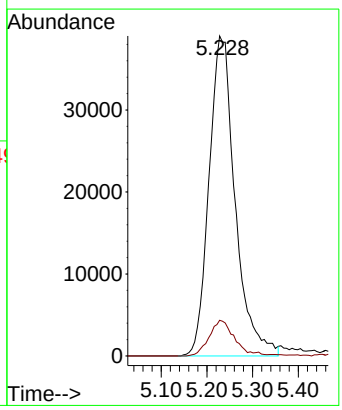


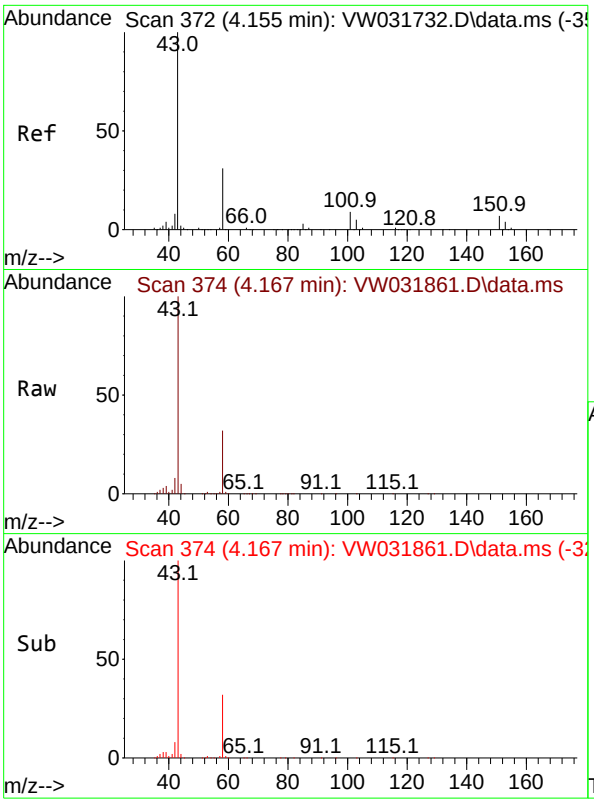


#11
Tert butyl alcohol
Concen: 883.334 ug/l
RT: 5.228 min Scan# 548
Delta R.T. 0.012 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Tgt Ion: 59 Resp: 154961

Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.5	14.3



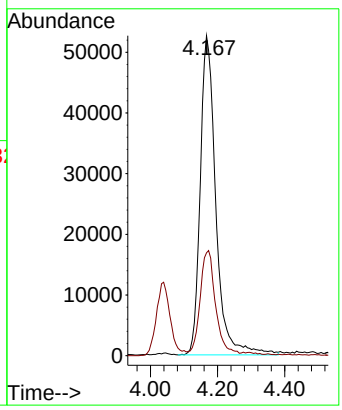


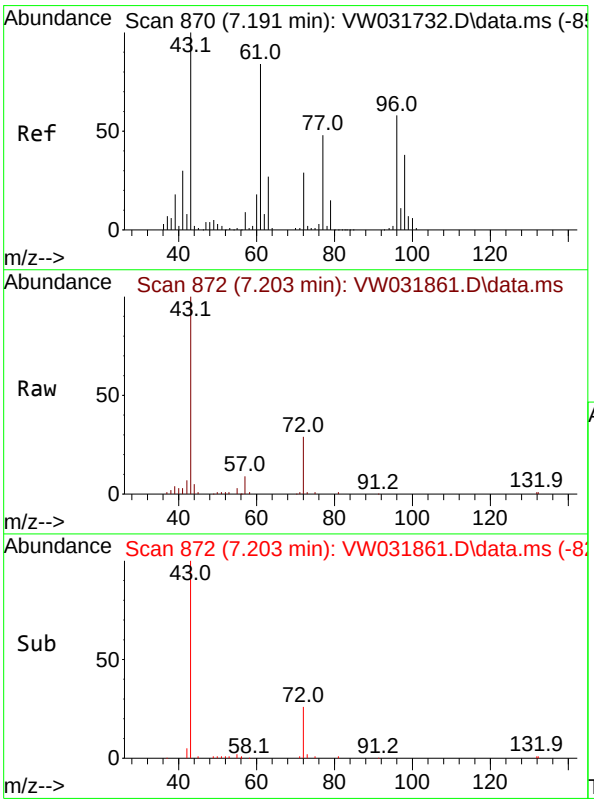
#16
Acetone
Concen: 242.338 ug/l
RT: 4.167 min Scan# 3
Delta R.T. 0.012 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Tgt Ion: 43 Resp: 169610

Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.8	37.2

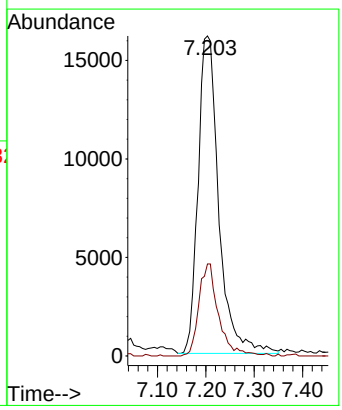


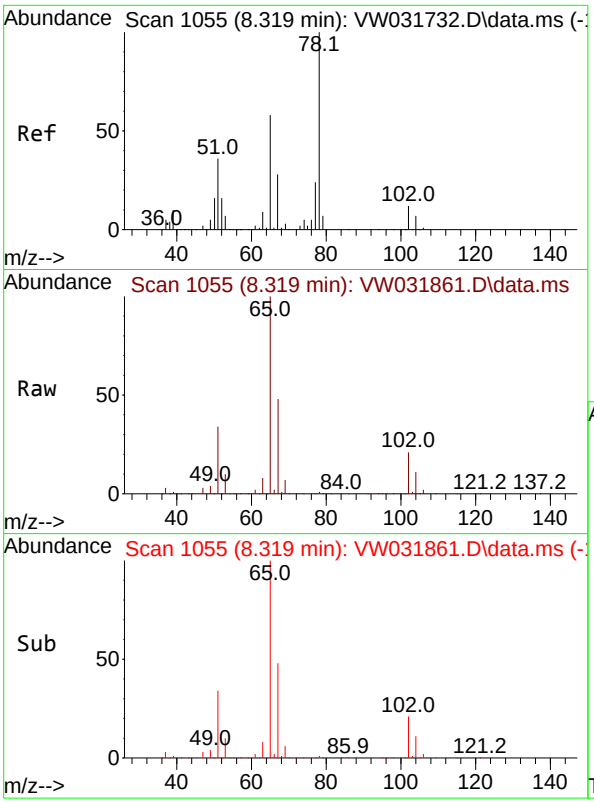


#25
2-Butanone
Concen: 52.741 ug/l
RT: 7.203 min Scan# 872
Delta R.T. 0.012 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Tgt Ion: 43 Resp: 48023

Ion	Ratio	Lower	Upper
43	100		
72	29.0	23.0	34.6



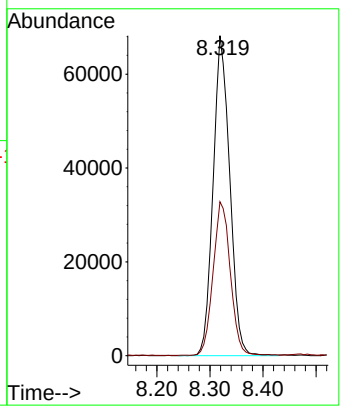


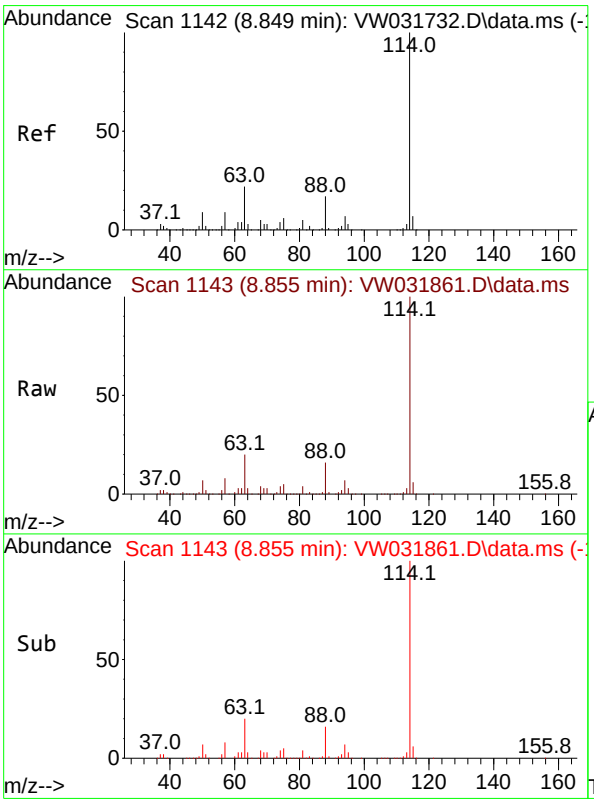
#33
1,2-Dichloroethane-d4
Concen: 52.541 ug/l
RT: 8.319 min Scan# 10
Delta R.T. 0.000 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Tgt Ion: 65 Resp: 148775

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.4

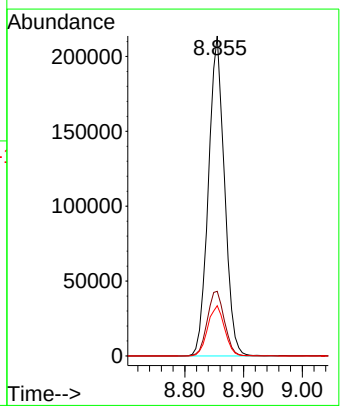


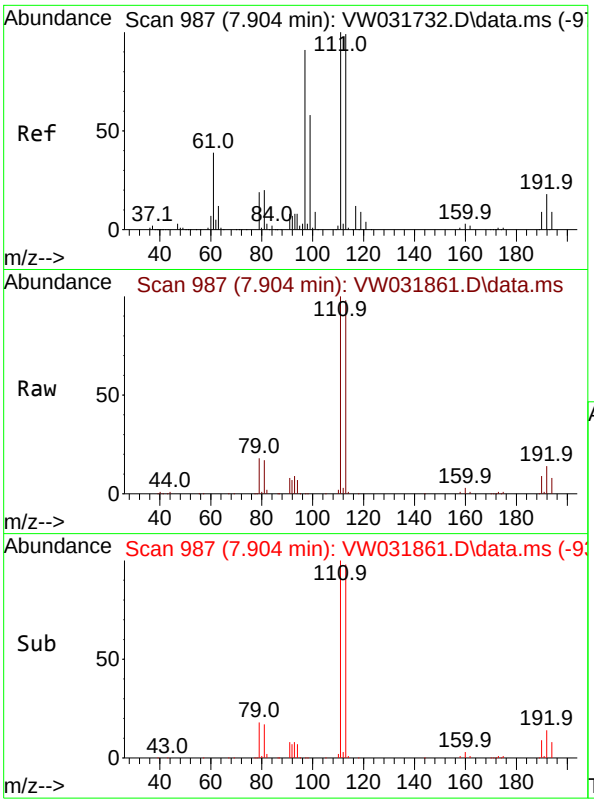


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Tgt Ion:114 Resp: 405559

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.6
88	15.7	0.0	34.2



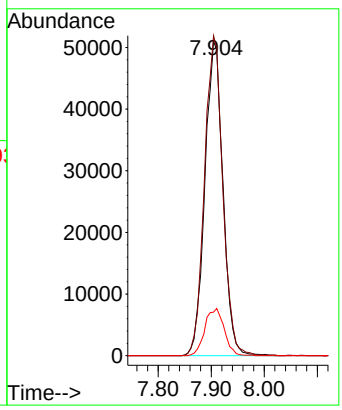


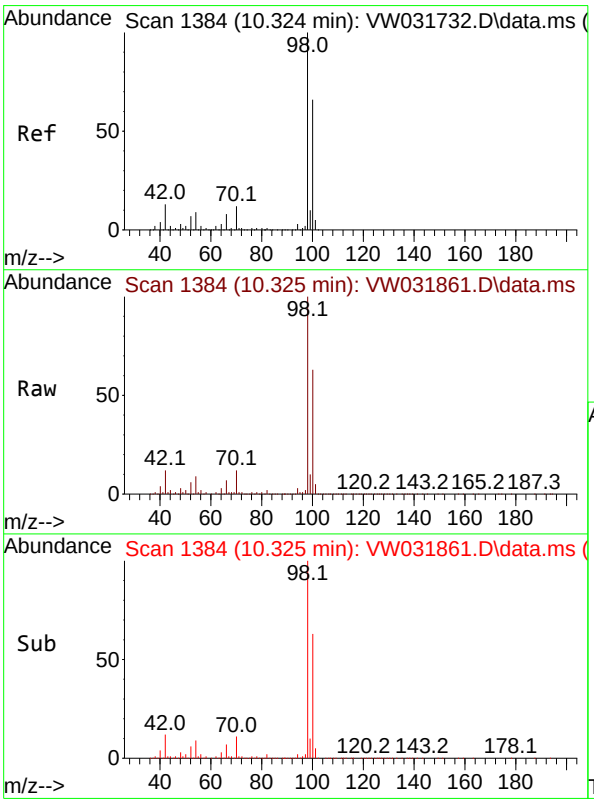
#35
Dibromofluoromethane
Concen: 45.583 ug/l
RT: 7.904 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Tgt Ion:113 Resp: 120633

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	16.1	13.8	20.6

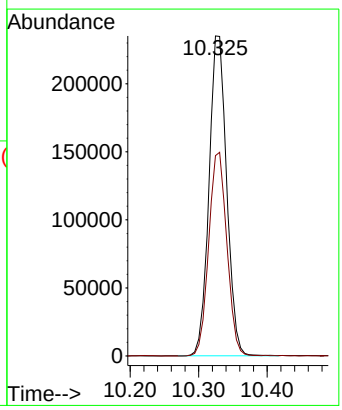


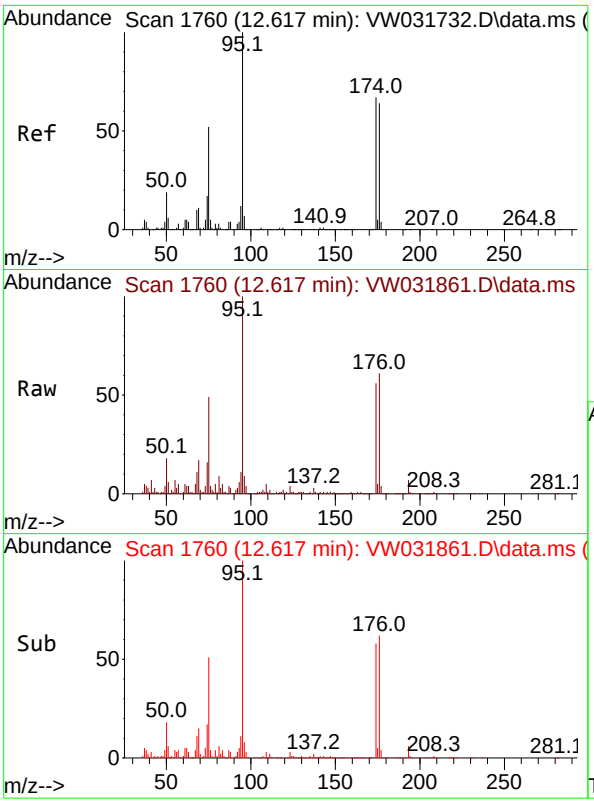


#50
Toluene-d8
Concen: 42.797 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Tgt Ion: 98 Resp: 421482

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4



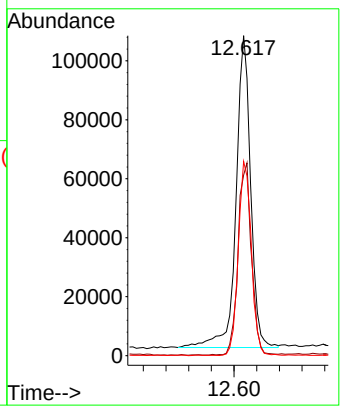


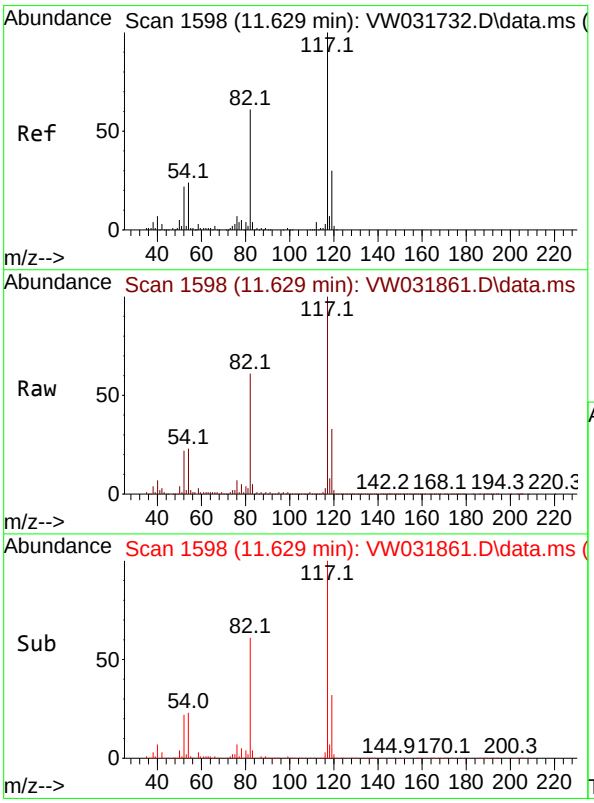
#62
4-Bromofluorobenzene
Concen: 52.282 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Tgt Ion: 95 Resp: 189485

Ion	Ratio	Lower	Upper
95	100		
174	56.3	0.0	133.8
176	55.5	0.0	126.0

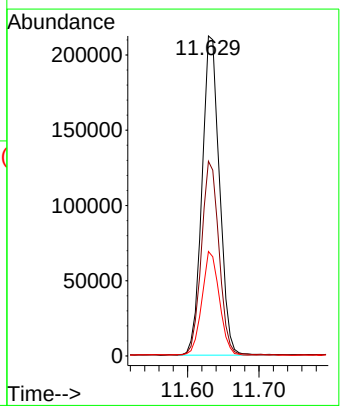


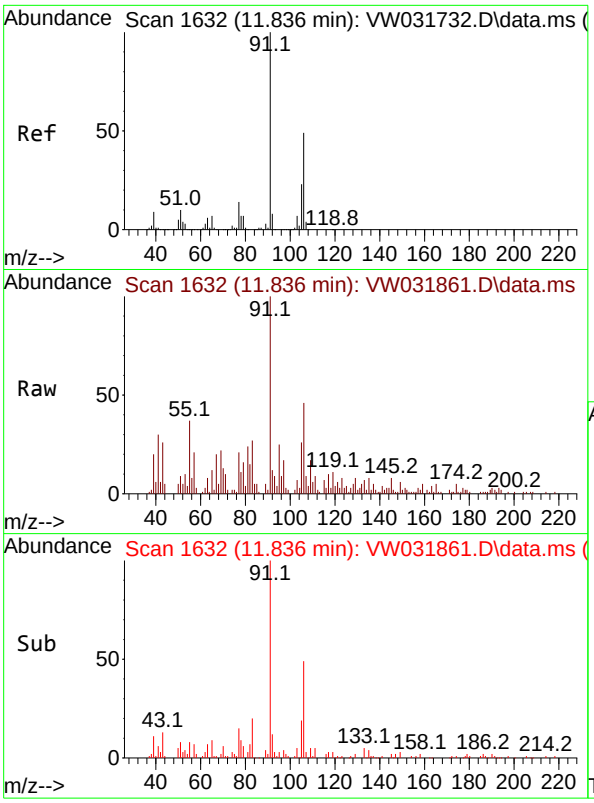


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Tgt Ion:117 Resp: 359637

Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.6	72.8
119	32.5	23.9	35.9



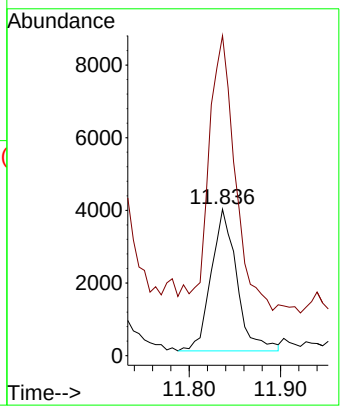


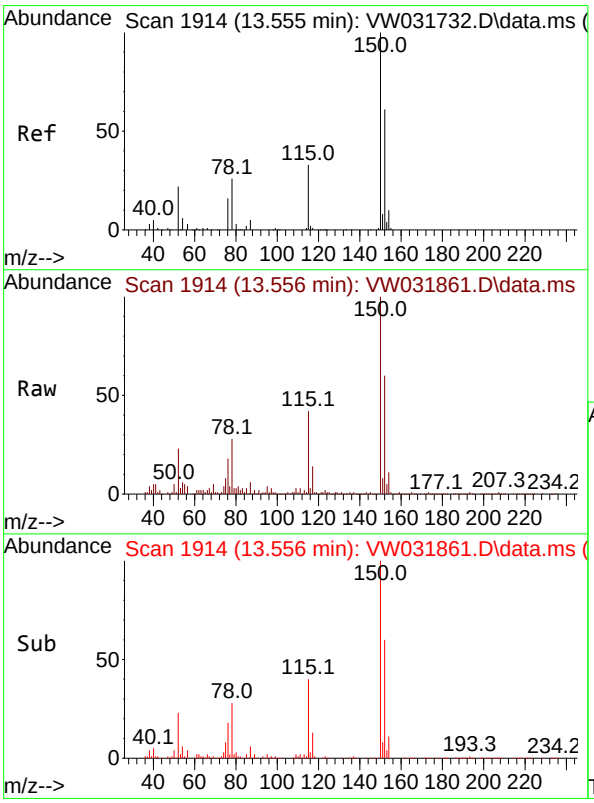
#68
m/p-Xylenes
Concen: 1.440 ug/l
RT: 11.836 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Tgt Ion:106 Resp: 7615

Ion	Ratio	Lower	Upper
106	100		
91	204.9	166.4	249.6

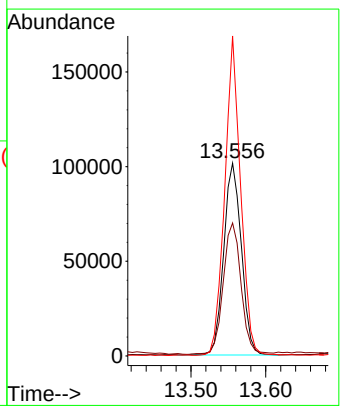


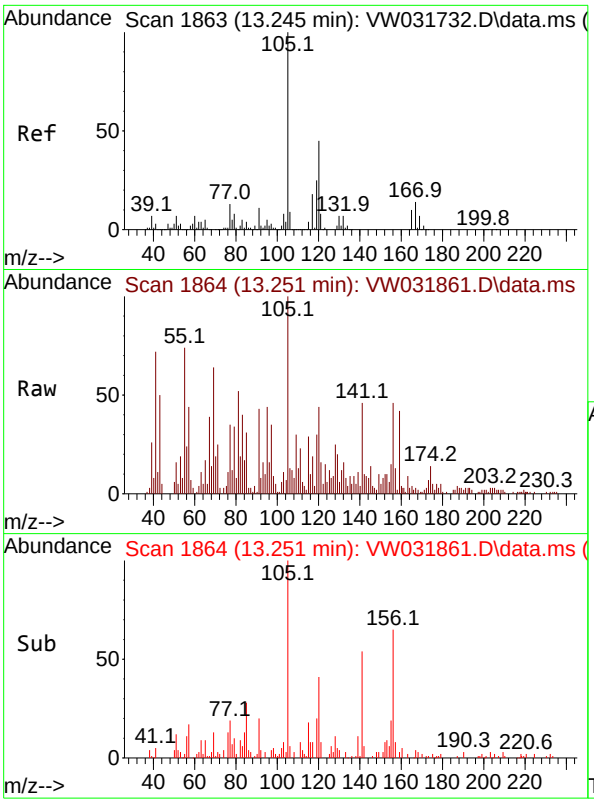


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Tgt Ion:152 Resp: 166051

Ion	Ratio	Lower	Upper
152	100		
115	69.5	31.9	95.7
150	150.4	0.0	356.4





#84
1,2,4-Trimethylbenzene
Concen: 1.752 ug/l
RT: 13.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031861.D
Acq: 15 Jul 2025 14:41

Instrument :
MSVOA_W
ClientSampleId :
MOO-25-0180

Tgt Ion:105 Resp: 18564

Ion	Ratio	Lower	Upper
105	100		
120	41.1	22.1	66.1