Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032384.D
Acq On : 20 Oct 2025 13:29
Operator : SY/MD
Sample : Q3375-02
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S04-000013-20251016

Quant Time: Oct 21 01:26:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	190524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	418533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	462277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	224932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	171051	61.553	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 123.100%			
35) Dibromofluoromethane	7.904	113	154580	57.031	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 114.060%			
50) Toluene-d8	10.325	98	537738	53.754	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.617	95	216201	57.180	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 114.360%			
Target Compounds						Qvalue
16) Acetone	4.161	43	51826	67.354	ug/l	97
17) Carbon Disulfide	4.423	76	46176	7.882	ug/l	99
18) Methyl Acetate	4.716	43	6930	3.144	ug/l	95
25) 2-Butanone	7.197	43	16869	16.097	ug/l	94

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

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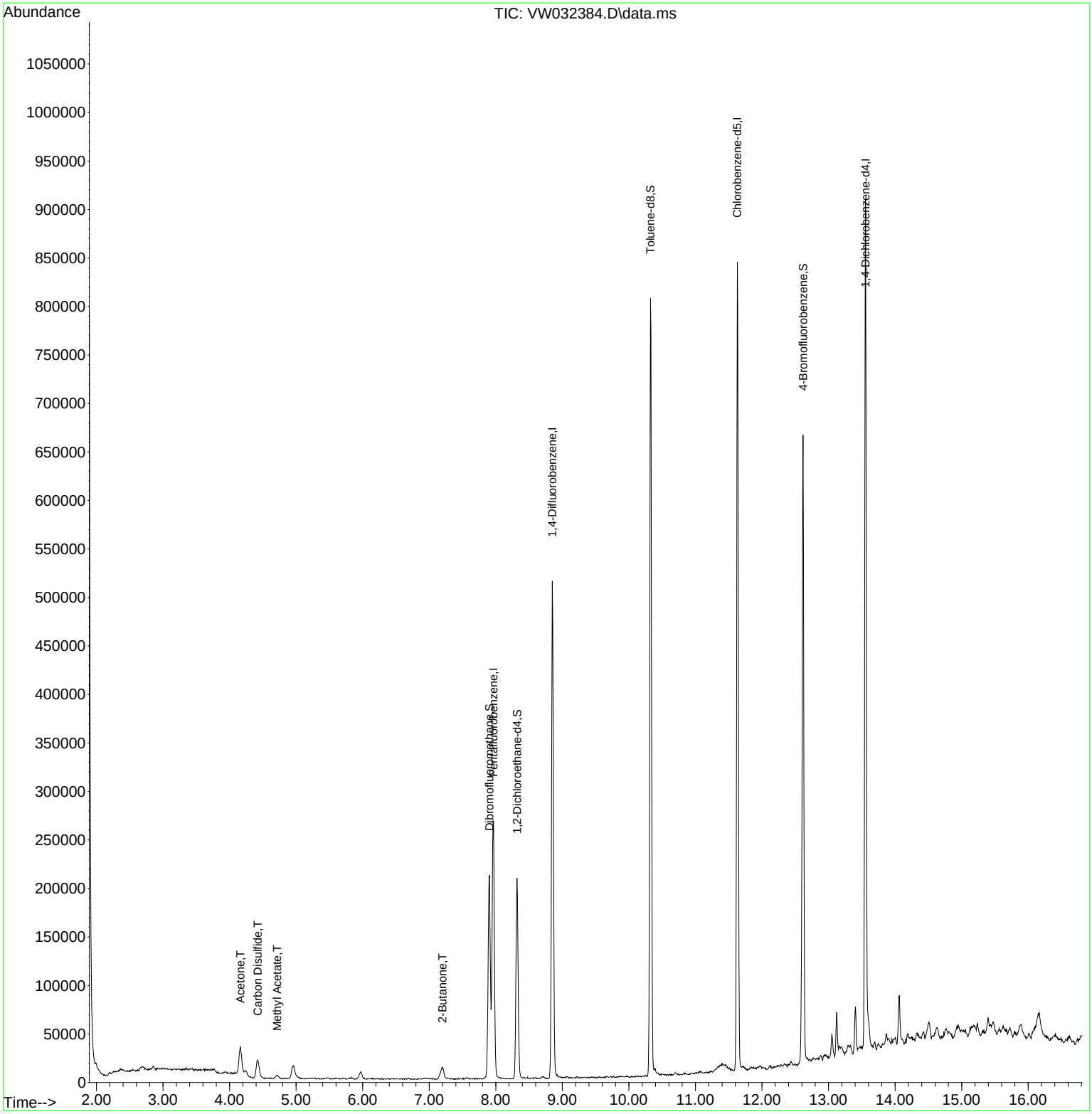
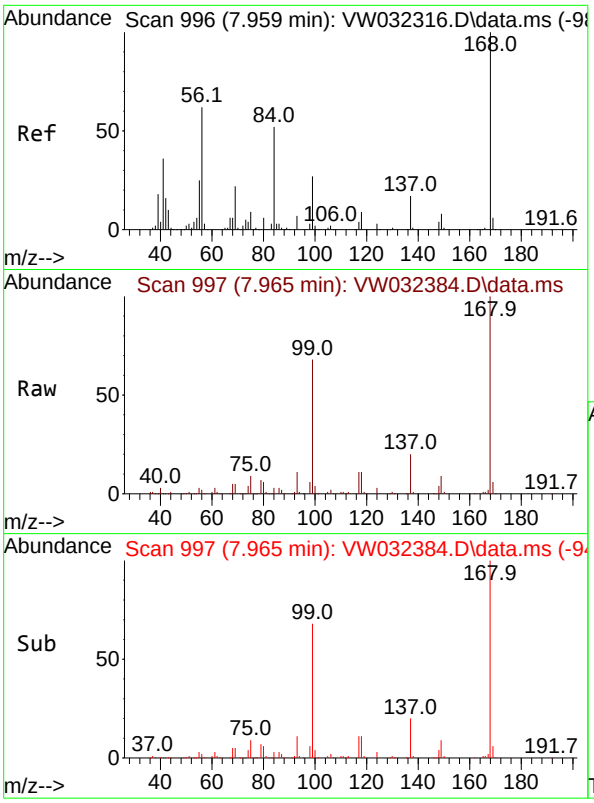


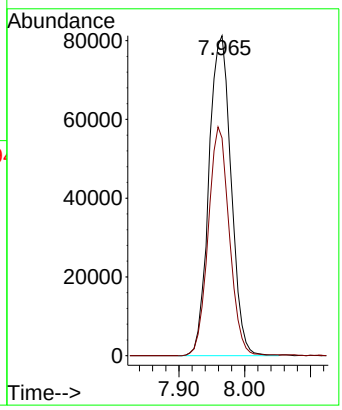


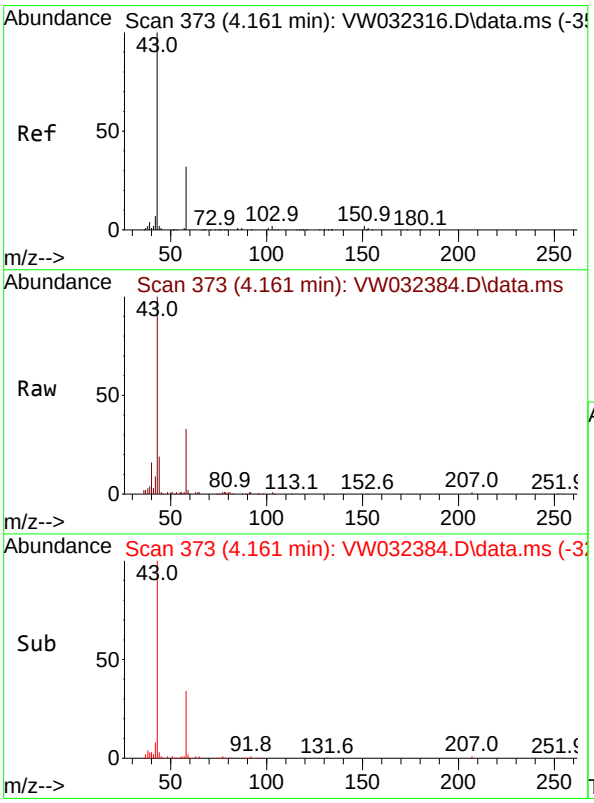
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Instrument :
MSVOA_W
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion:168 Resp: 190524

Ion	Ratio	Lower	Upper
168	100		
99	68.0	49.3	73.9

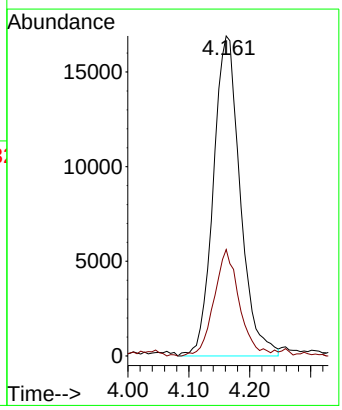


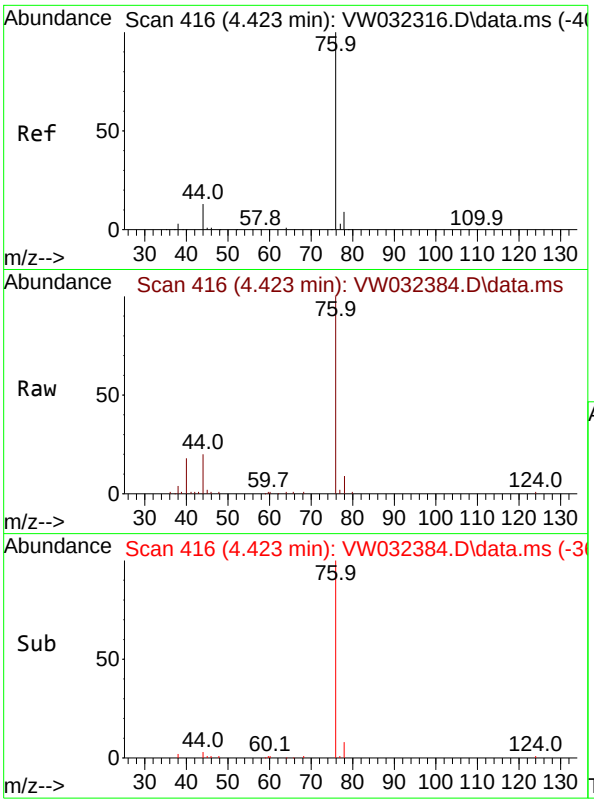


#16
Acetone
Concen: 67.354 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Tgt Ion: 43 Resp: 51826

Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.3	37.9



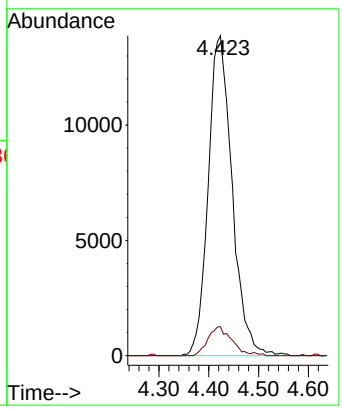


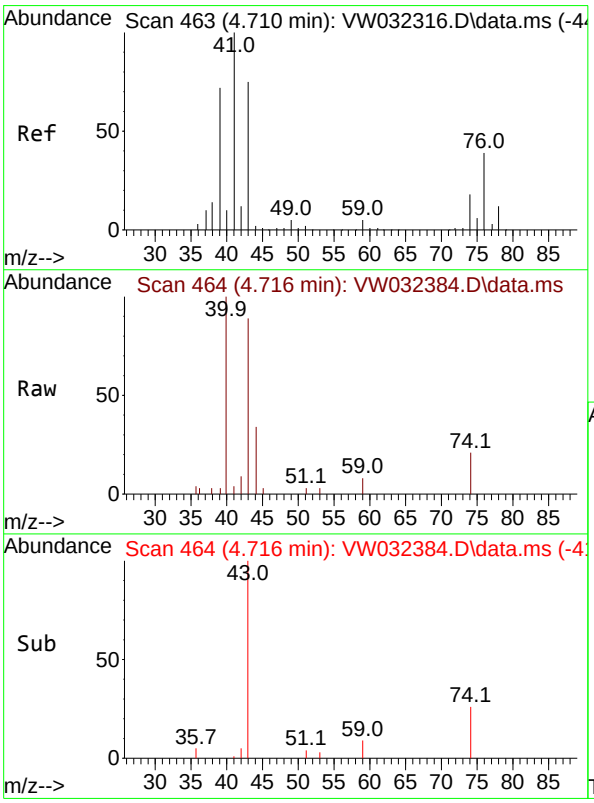
#17
Carbon Disulfide
Concen: 7.882 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Instrument :
MSVOA_W
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion: 76 Resp: 46176

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

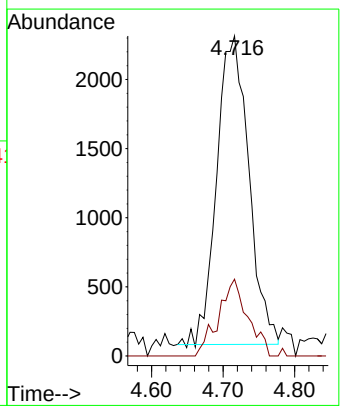


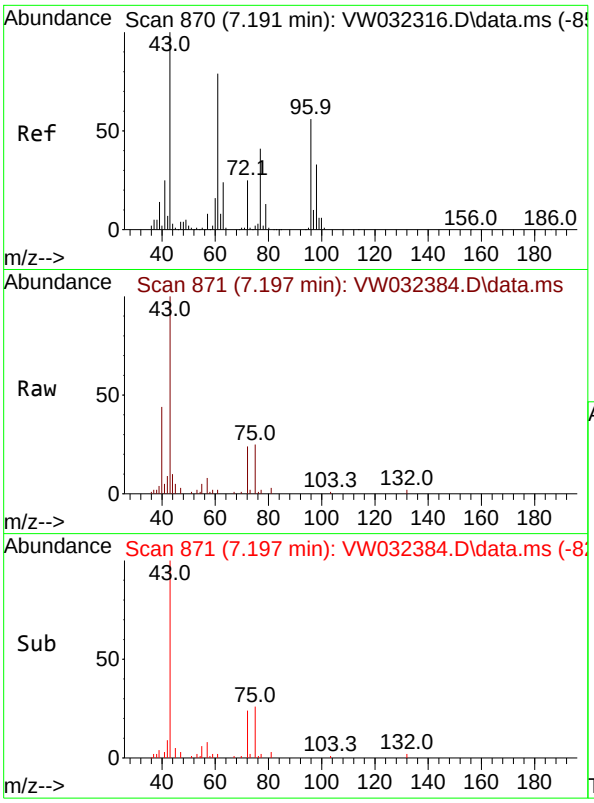


#18
Methyl Acetate
Concen: 3.144 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Tgt Ion: 43 Resp: 6930

Ion	Ratio	Lower	Upper
43	100		
74	22.8	20.2	30.4



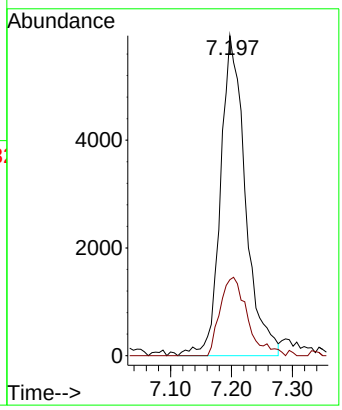


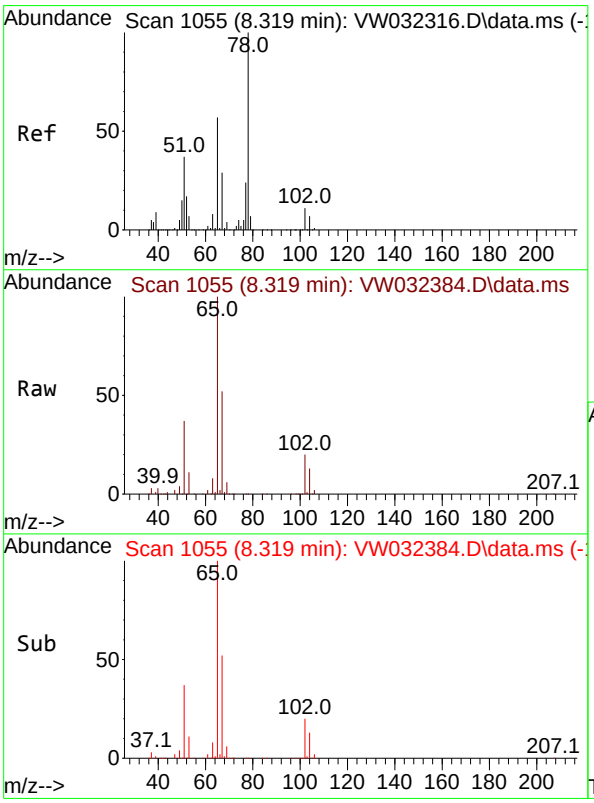
#25
2-Butanone
Concen: 16.097 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Instrument :
MSVOA_W
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion: 43 Resp: 16869

Ion	Ratio	Lower	Upper
43	100		
72	23.7	21.4	32.2

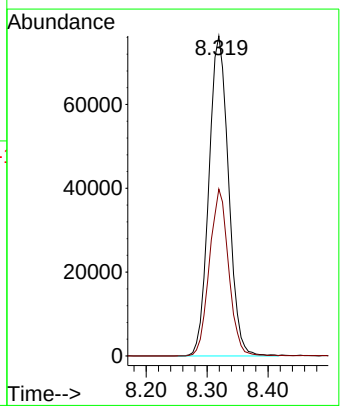


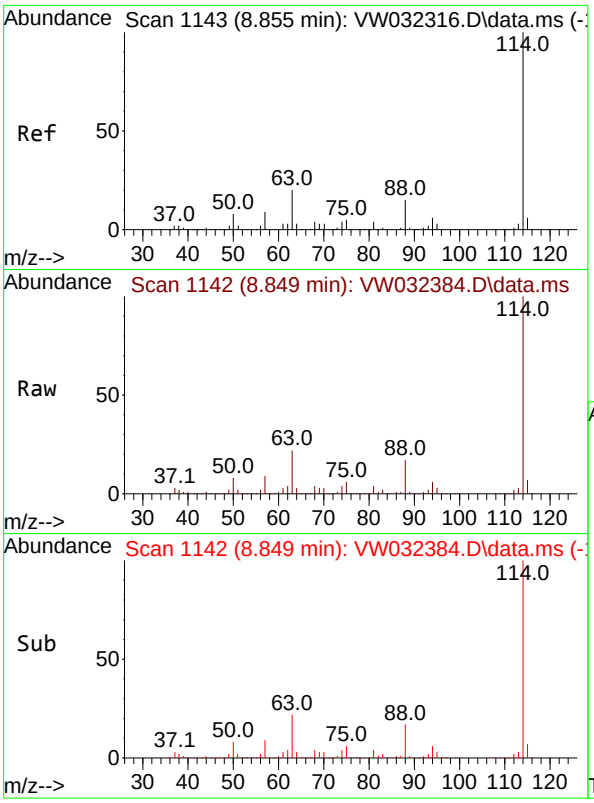


#33
1,2-Dichloroethane-d4
Concen: 61.553 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Tgt Ion: 65 Resp: 171051

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	99.6



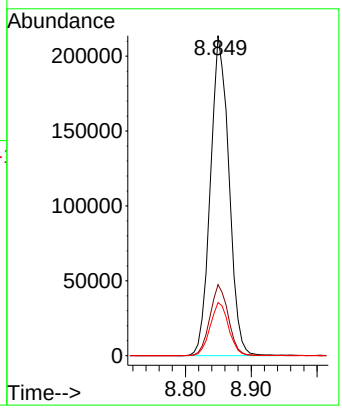


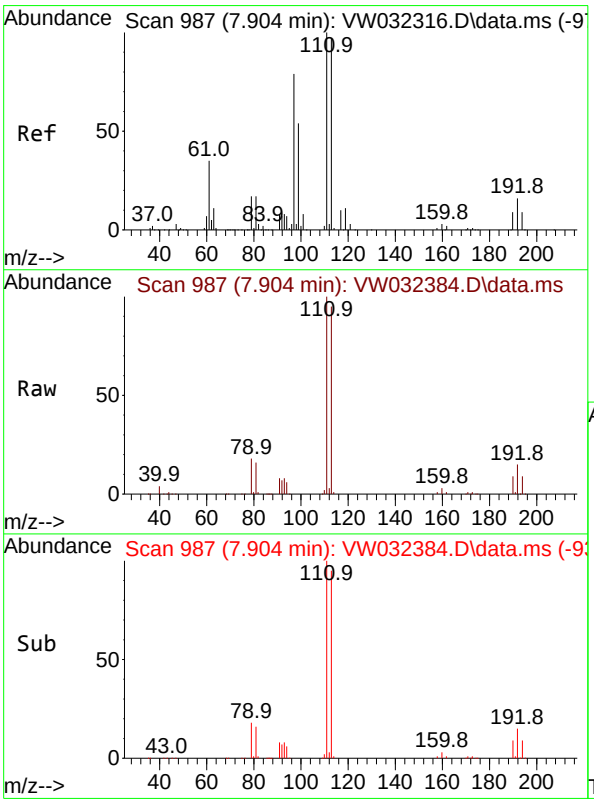
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Instrument :
MSVOA_W
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion:114 Resp: 418533

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	40.4
88	16.6	0.0	32.0

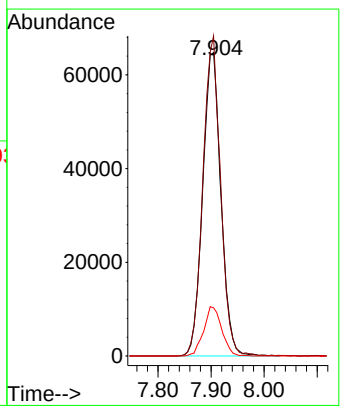


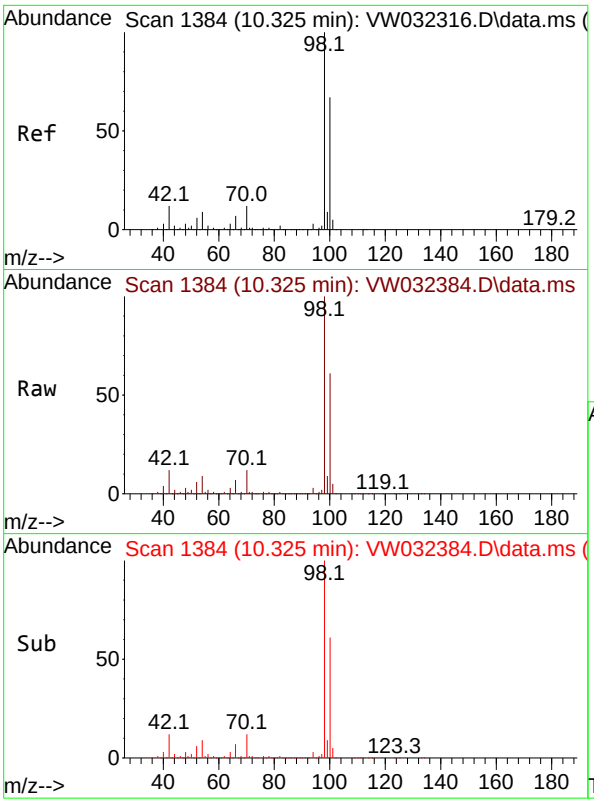


#35
Dibromofluoromethane
Concen: 57.031 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Tgt Ion:113 Resp: 154580

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.9	125.9
192	16.1	14.6	21.8



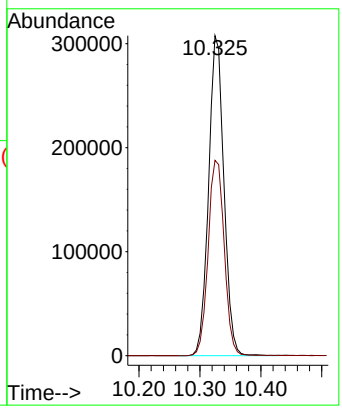


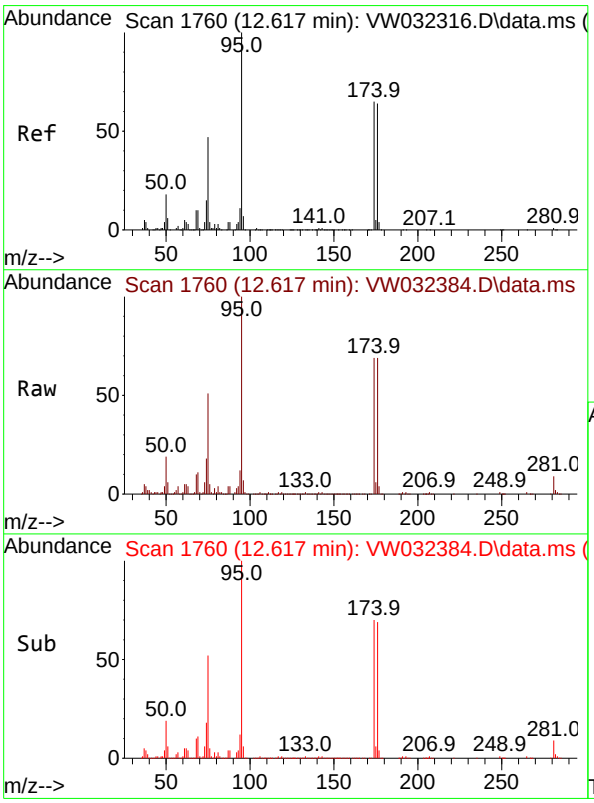
#50
Toluene-d8
Concen: 53.754 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Instrument :
MSVOA_W
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion: 98 Resp: 537738

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2

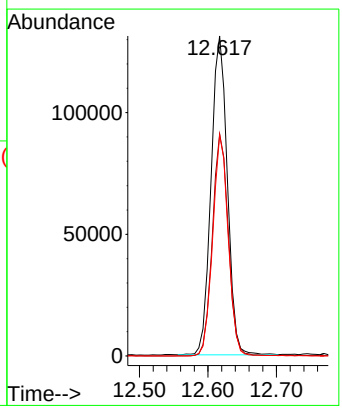


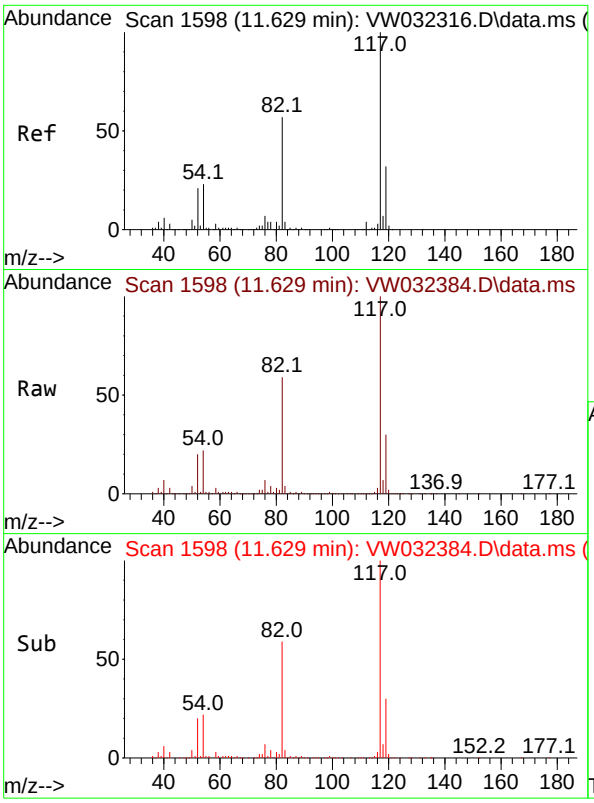


#62
4-Bromofluorobenzene
Concen: 57.180 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Tgt Ion: 95 Resp: 216201

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	145.6
176	65.9	0.0	140.8



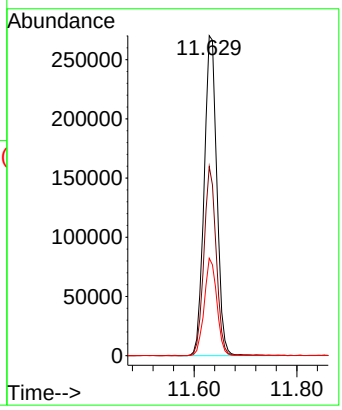


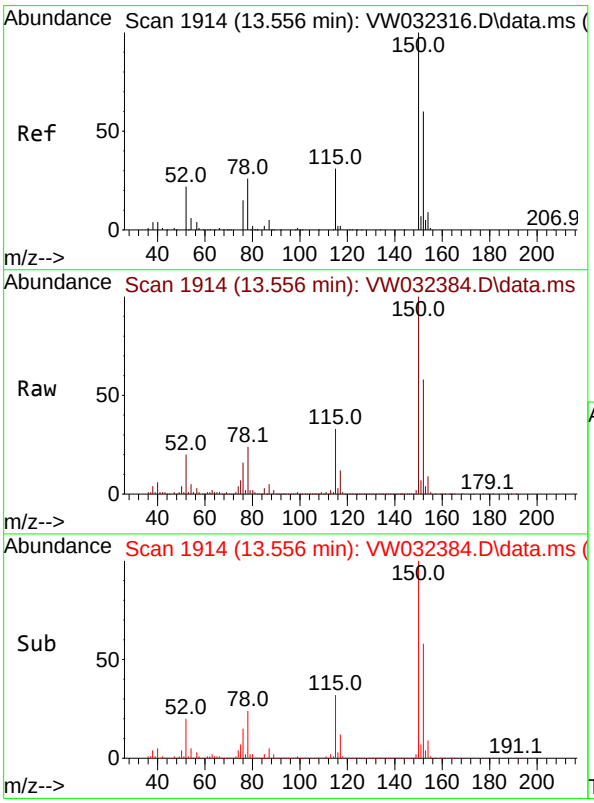
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Instrument :
MSVOA_W
ClientSampleId :
PR132-S04-000013-20251016

Tgt Ion:117 Resp: 462277

Ion	Ratio	Lower	Upper
117	100		
82	59.1	42.7	64.1
119	30.5	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032384.D
Acq: 20 Oct 2025 13:29

Tgt Ion:152 Resp: 224932

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.8	95.4
150	165.2	0.0	343.0