Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
Data File : VW032412.D
Acq On : 10 Nov 2025 17:22
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Nov 11 03:51:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	263076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	612902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	619063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	312205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	214026	63.103	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 126.200%			
35) Dibromofluoromethane	7.904	113	199712	54.424	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 108.840%			
50) Toluene-d8	10.325	98	747125	53.071	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.617	95	307157	57.758	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 115.520%			
Target Compounds						Qvalue
16) Acetone	4.173	43	16392	16.154	ug/l	95
18) Methyl Acetate	4.716	43	7352	2.926	ug/l	93
20) Methylene Chloride	4.960	84	26322	7.254	ug/l	89

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

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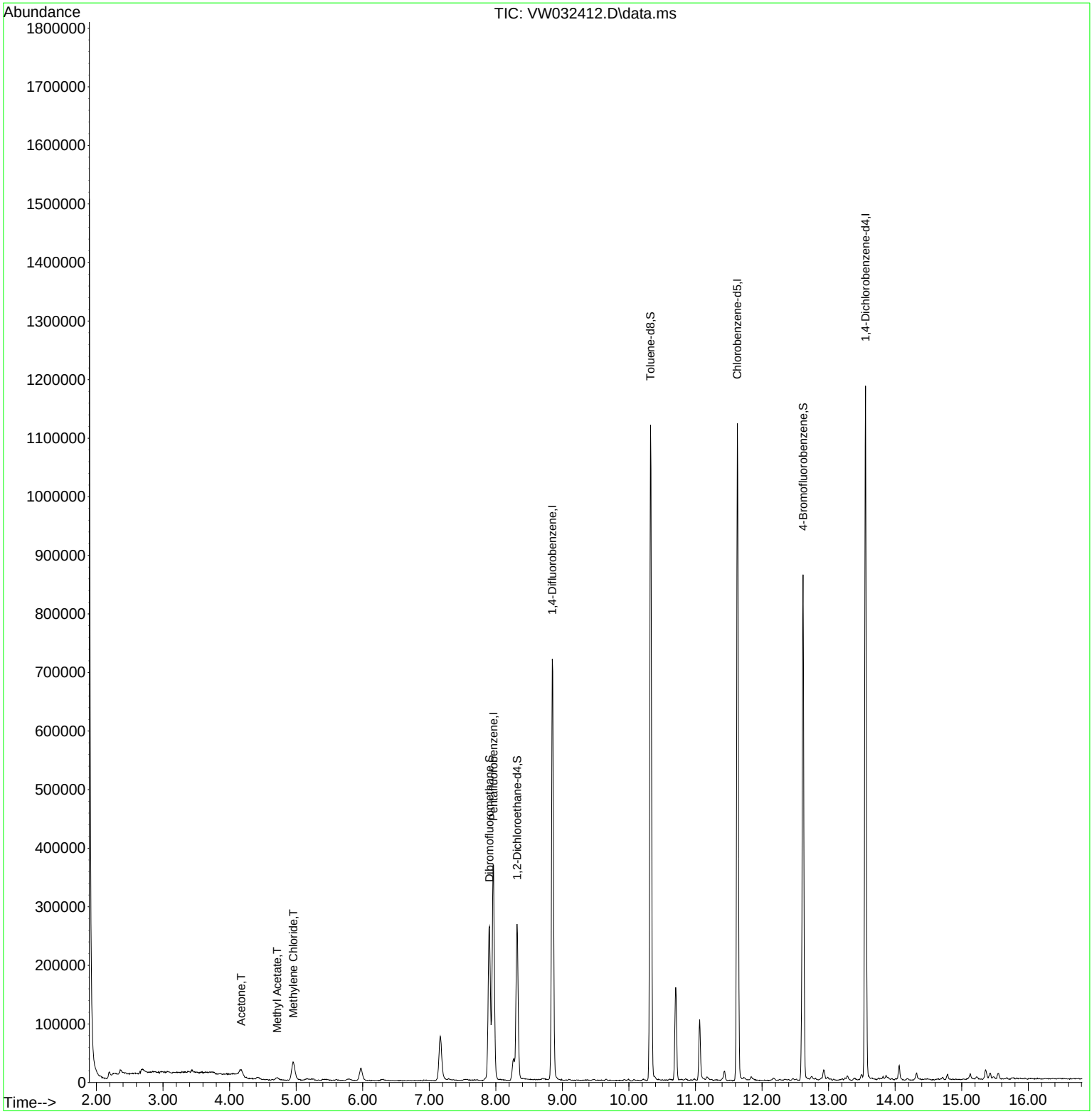
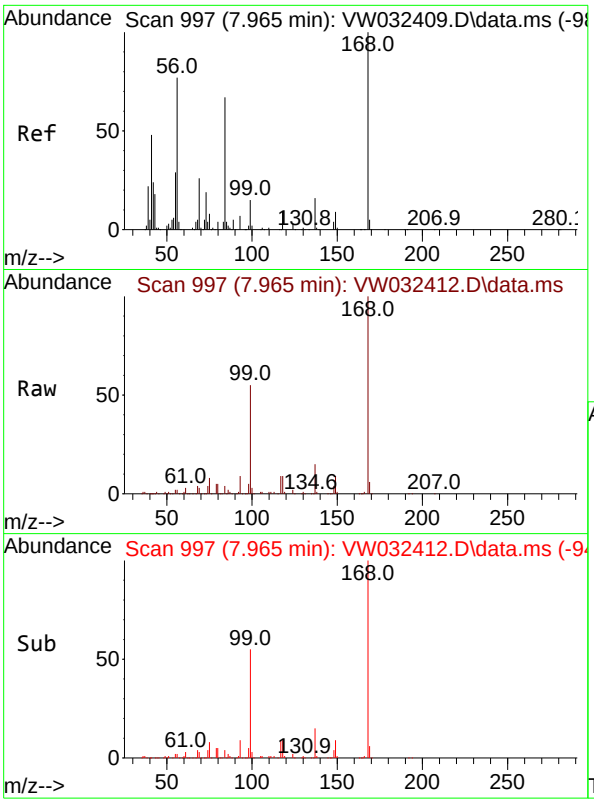


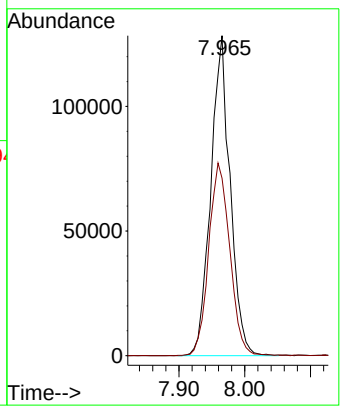


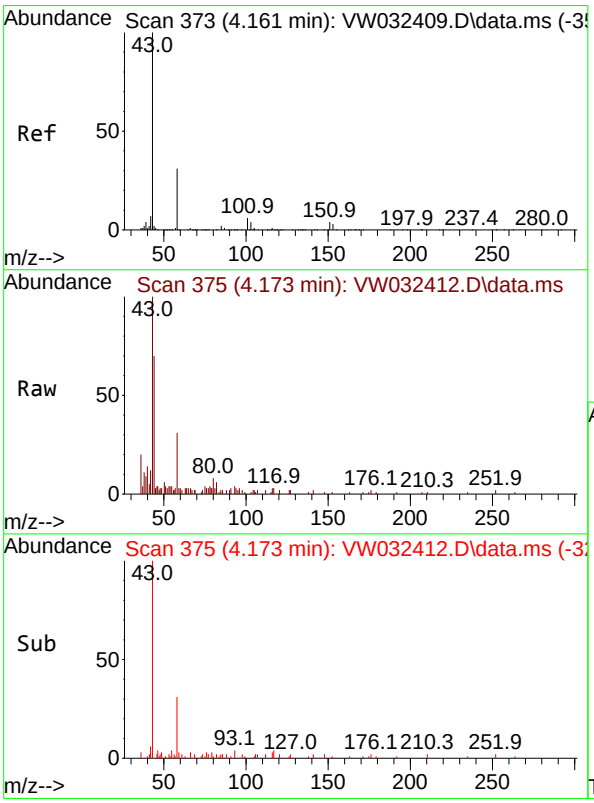
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 263076

Ion	Ratio	Lower	Upper
168	100		
99	55.4	45.4	68.2

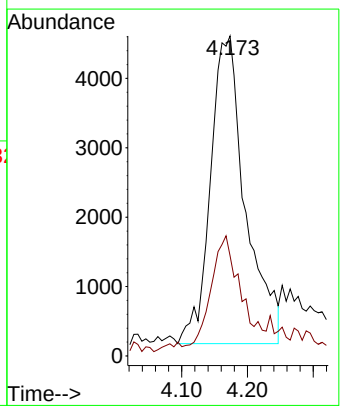


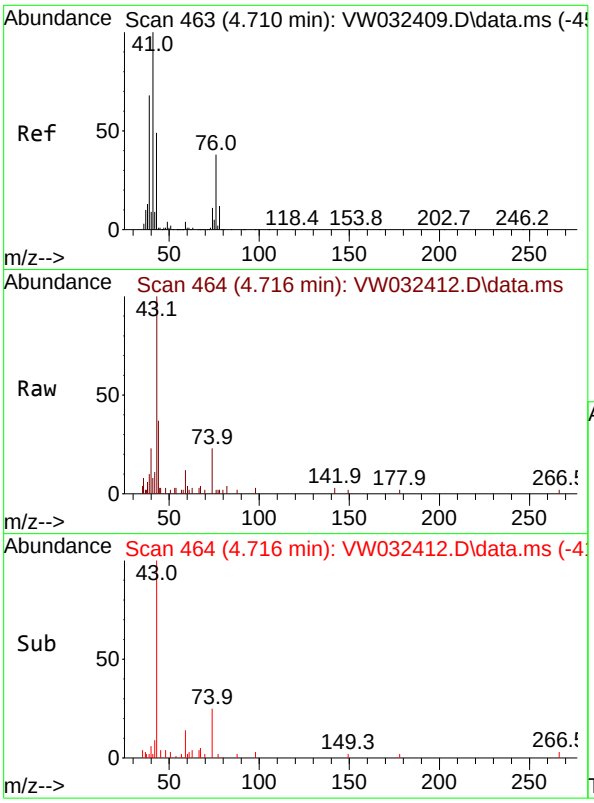


#16
Acetone
Concen: 16.154 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.012 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Tgt Ion: 43 Resp: 16392

Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.8	37.2



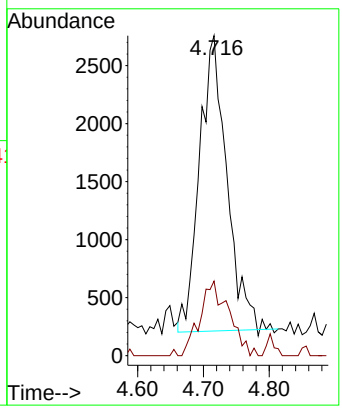


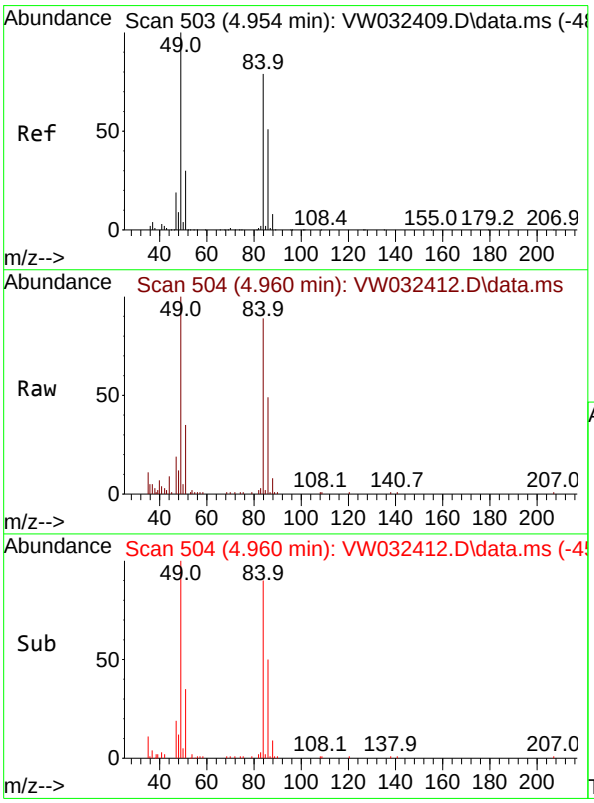
#18
Methyl Acetate
Concen: 2.926 ug/l
RT: 4.716 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 7352

Ion	Ratio	Lower	Upper
43	100		
74	26.8	18.9	28.3

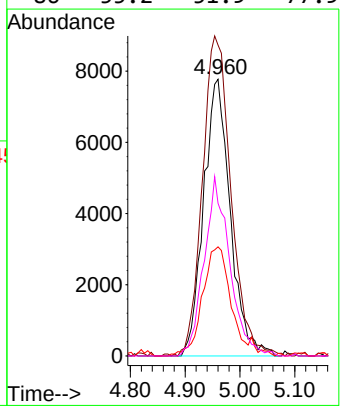


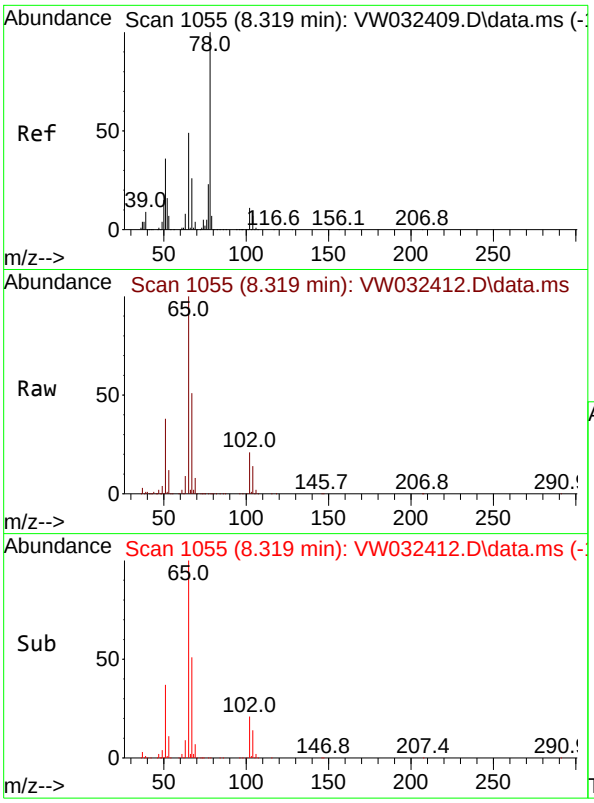


#20
Methylene Chloride
Concen: 7.254 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Tgt Ion: 84 Resp: 26322

Ion	Ratio	Lower	Upper
84	100		
49	112.4	101.5	152.3
51	38.5	30.6	46.0
86	55.2	51.9	77.9



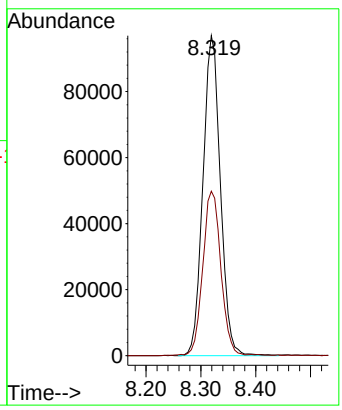


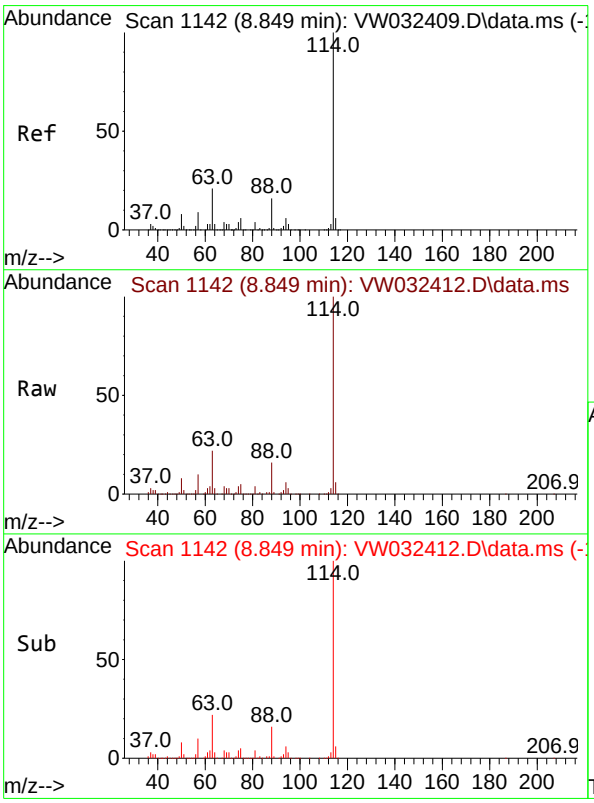
#33
1,2-Dichloroethane-d4
Concen: 63.103 ug/l
RT: 8.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 214026

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8

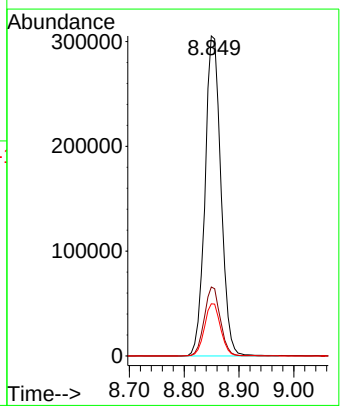


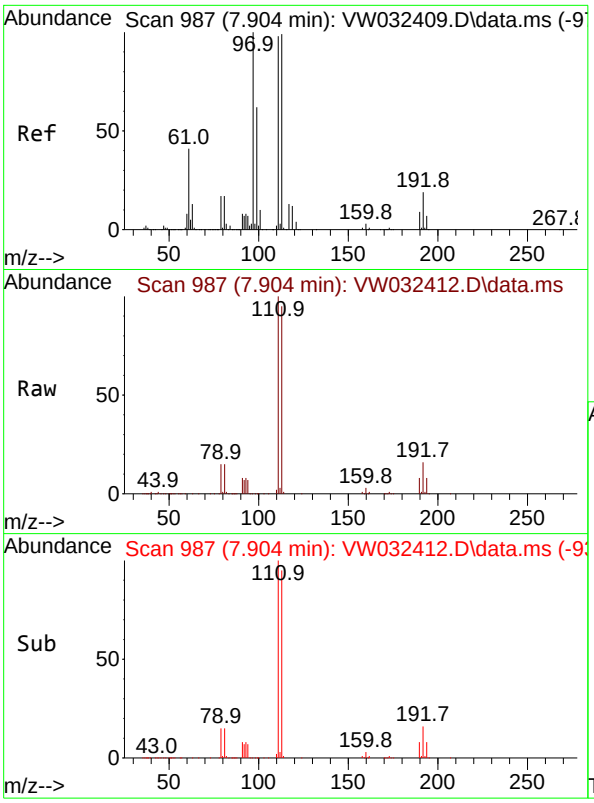


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Tgt Ion:114 Resp: 612902

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.8
88	16.3	0.0	32.6



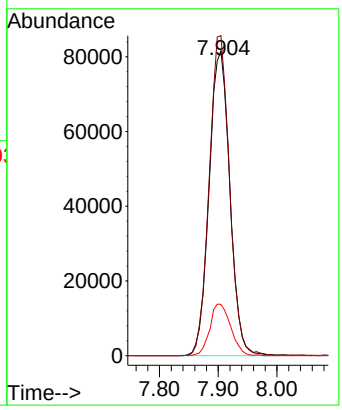


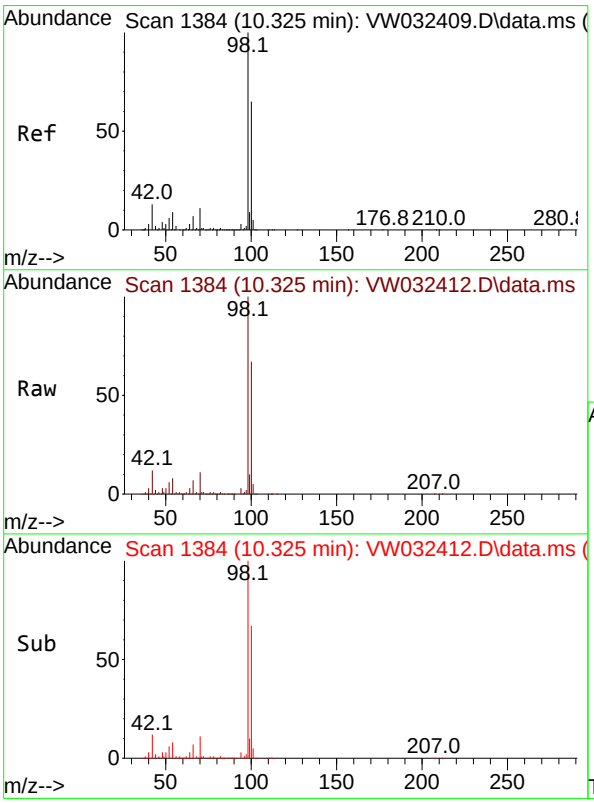
#35
Dibromofluoromethane
Concen: 54.424 ug/l
RT: 7.904 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 199712

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	17.1	13.4	20.2

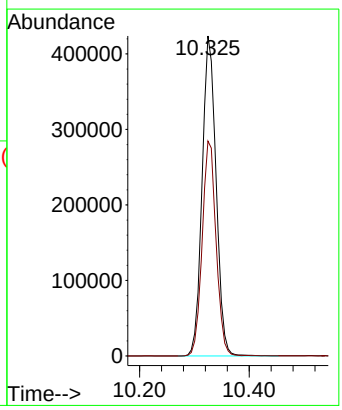


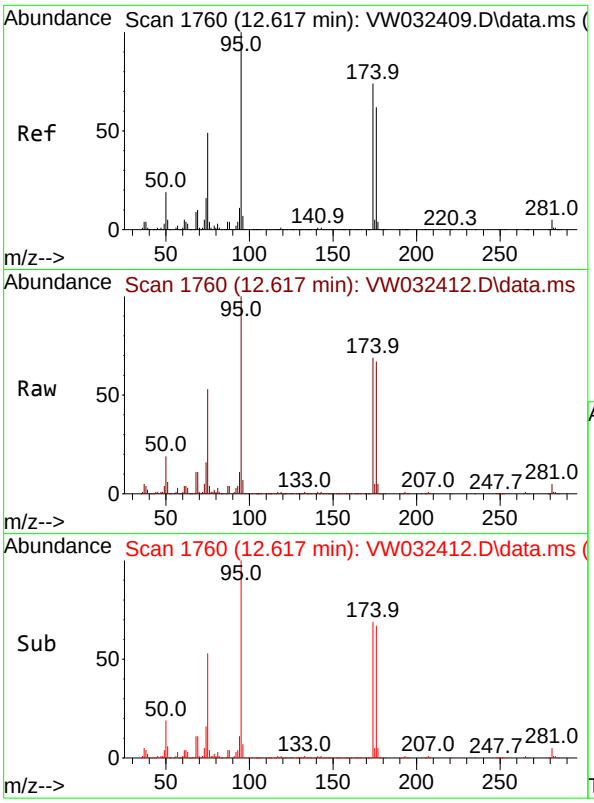


#50
Toluene-d8
Concen: 53.071 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Tgt Ion: 98 Resp: 747125

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.3	79.9



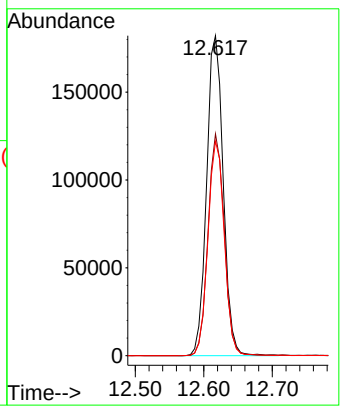


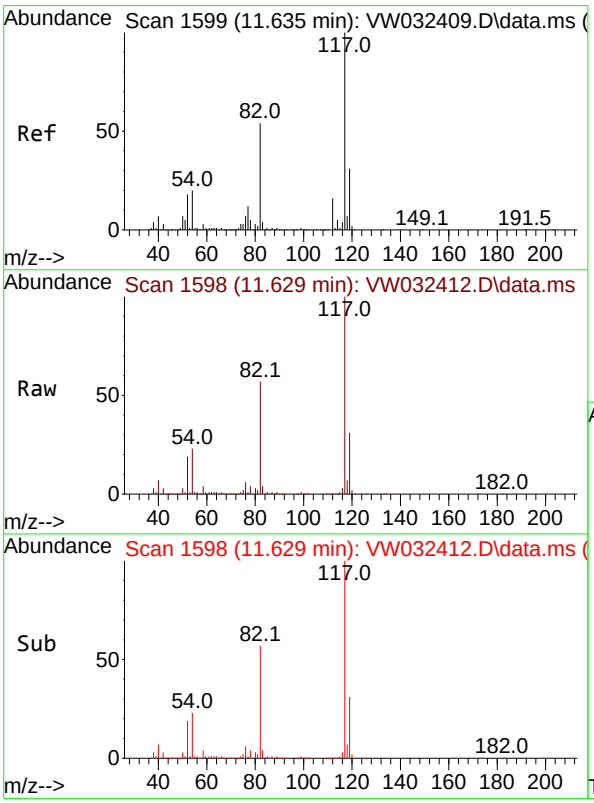
#62
4-Bromofluorobenzene
Concen: 57.758 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 307157

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.4
176	66.1	0.0	131.8

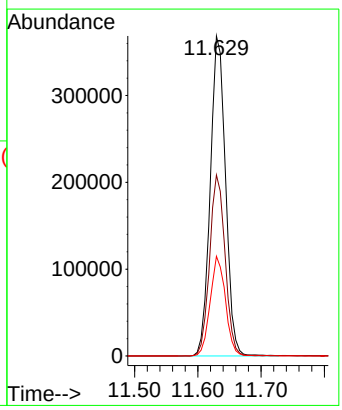


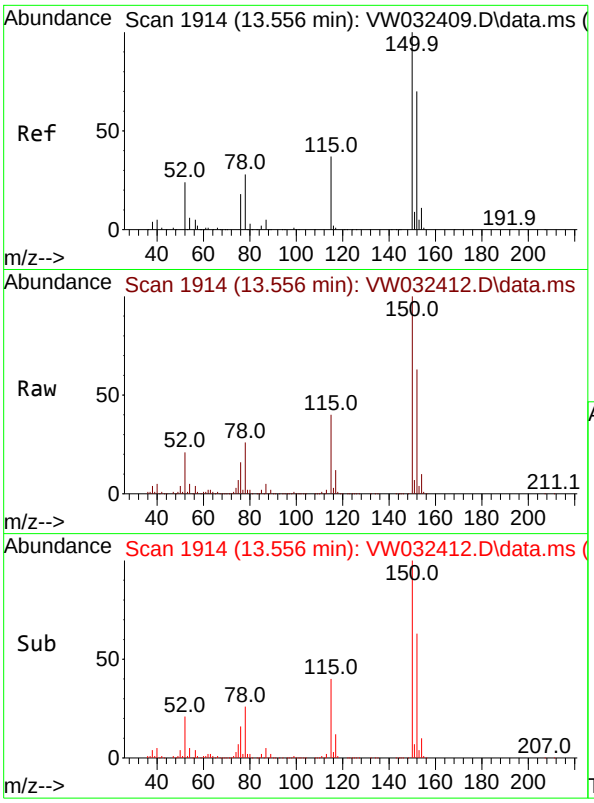


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Tgt Ion:117 Resp: 619063

Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.0	64.4
119	31.1	25.0	37.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032412.D
Acq: 10 Nov 2025 17:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 312205

Ion	Ratio	Lower	Upper
152	100		
115	62.5	32.8	98.3
150	146.7	0.0	356.6