Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032420.D
Acq On : 11 Nov 2025 11:22
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Nov 12 03:45:26 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	264316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	607073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	629228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	293574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	227494	66.760	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 133.520%			
35) Dibromofluoromethane	7.904	113	204824	56.353	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 112.700%			
50) Toluene-d8	10.331	98	767506	55.042	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 110.080%			
62) 4-Bromofluorobenzene	12.617	95	312486	59.324	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 118.640%			
Target Compounds						Qvalue
16) Acetone	4.167	43	8218	8.061	ug/l #	73
18) Methyl Acetate	4.710	43	8761	3.470	ug/l	98
20) Methylene Chloride	4.953	84	24764	6.792	ug/l	94

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

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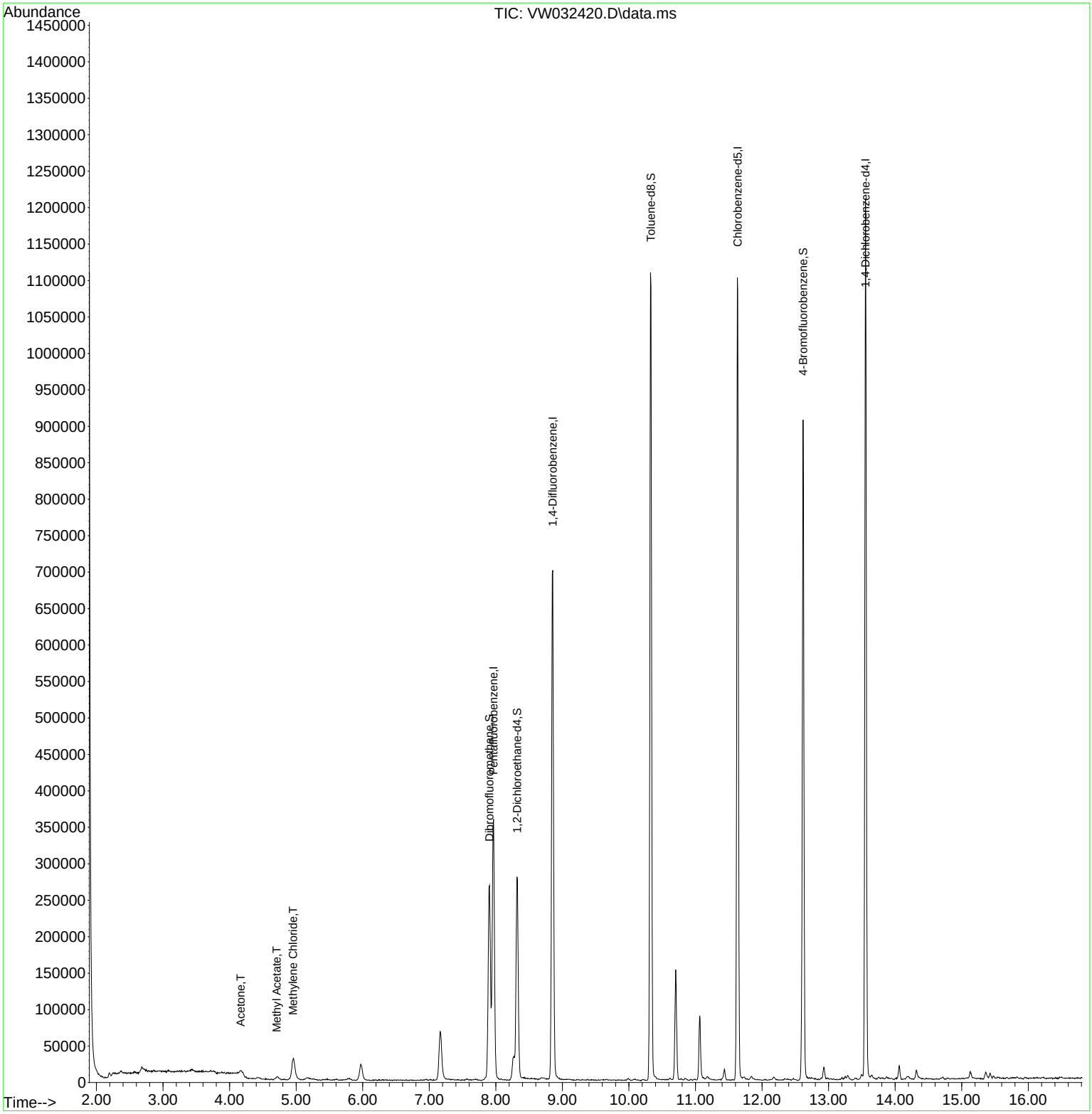
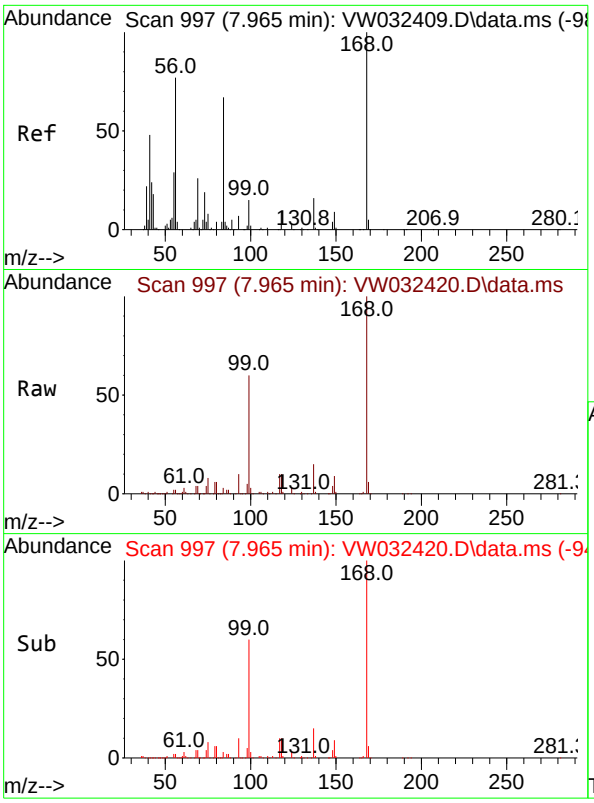


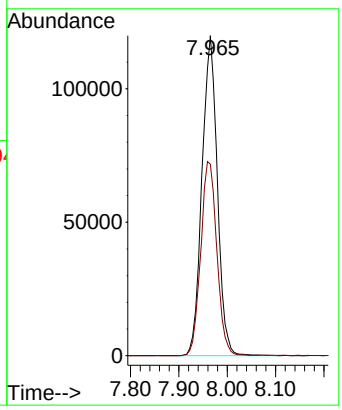


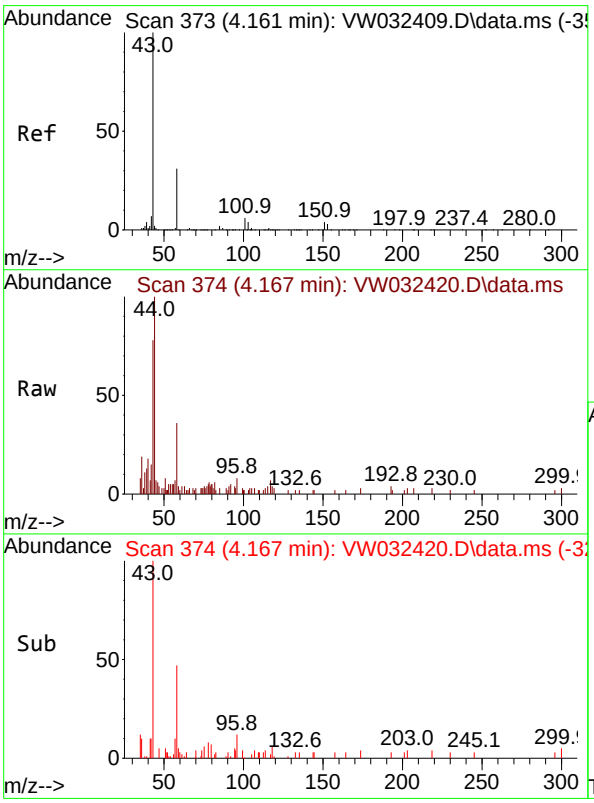
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 264316

Ion	Ratio	Lower	Upper
168	100		
99	59.9	45.4	68.2

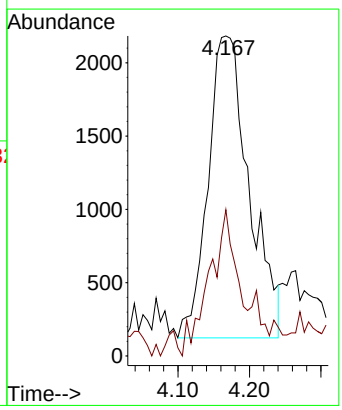


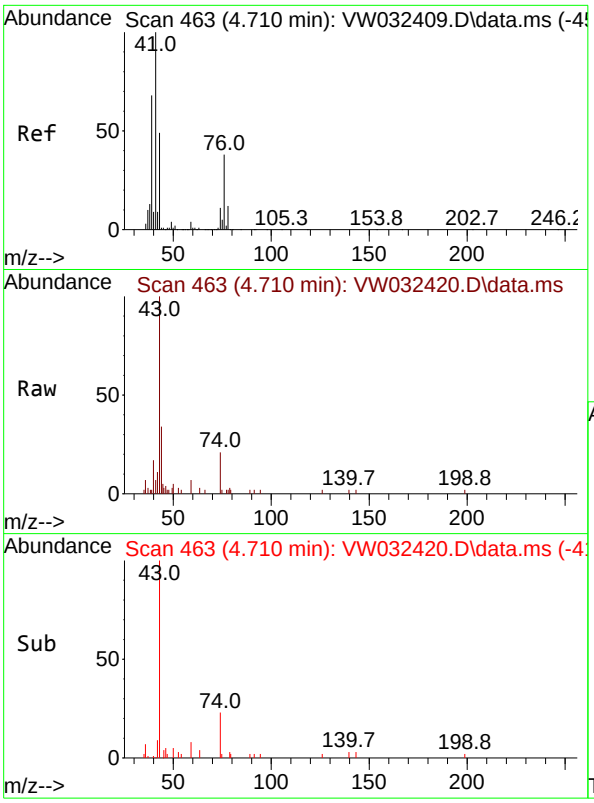


#16
Acetone
Concen: 8.061 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Tgt Ion: 43 Resp: 8218

Ion	Ratio	Lower	Upper
43	100		
58	45.8	24.8	37.2#



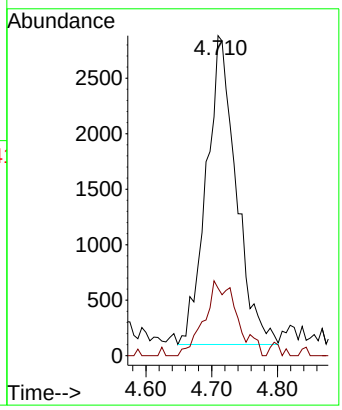


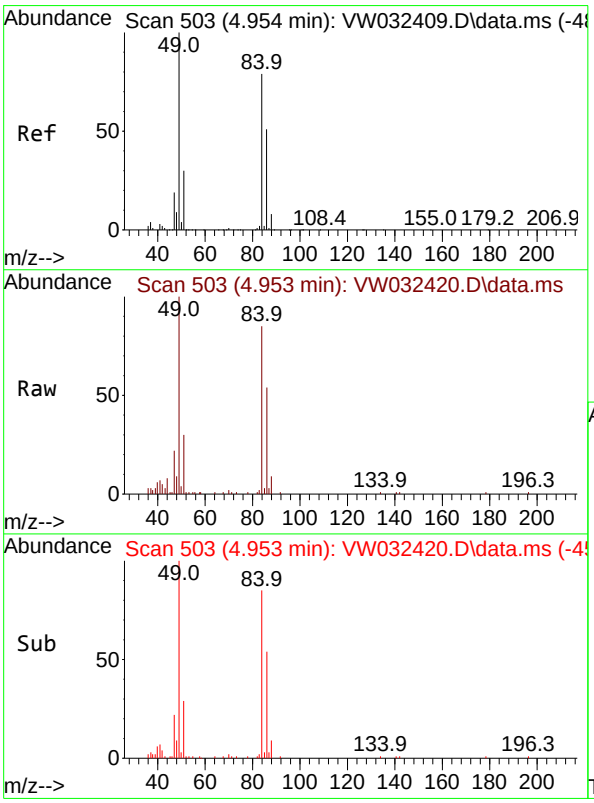
#18
Methyl Acetate
Concen: 3.470 ug/l
RT: 4.710 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 8761

Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.9	28.3

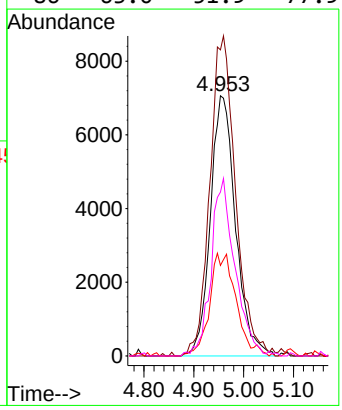


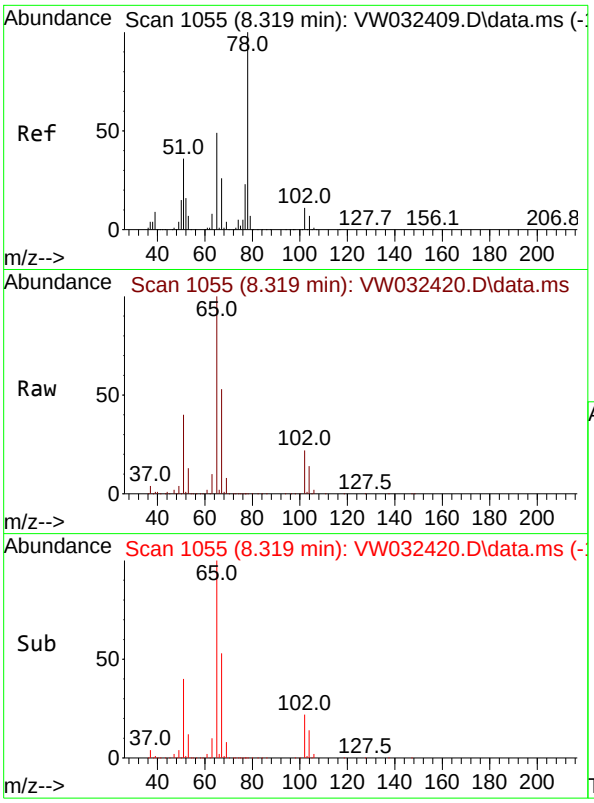


#20
Methylene Chloride
Concen: 6.792 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Tgt Ion: 84 Resp: 24764

Ion	Ratio	Lower	Upper
84	100		
49	117.6	101.5	152.3
51	34.8	30.6	46.0
86	63.0	51.9	77.9



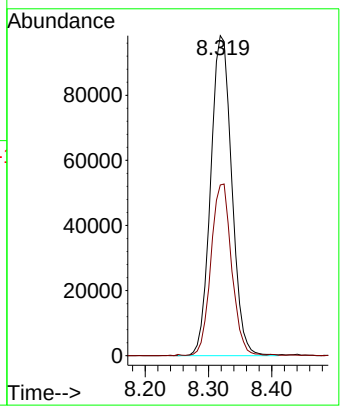


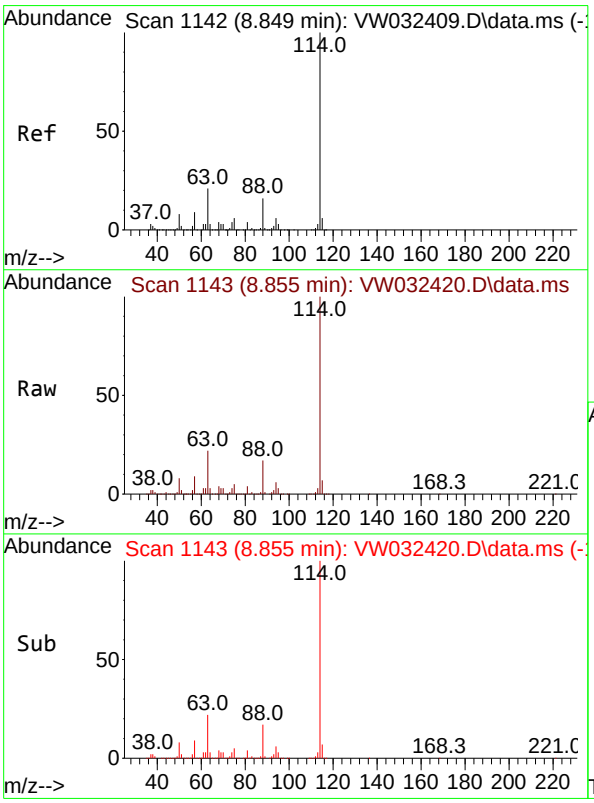
#33
1,2-Dichloroethane-d4
Concen: 66.760 ug/l
RT: 8.319 min Scan# 10
Delta R.T. -0.000 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 227494

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.8

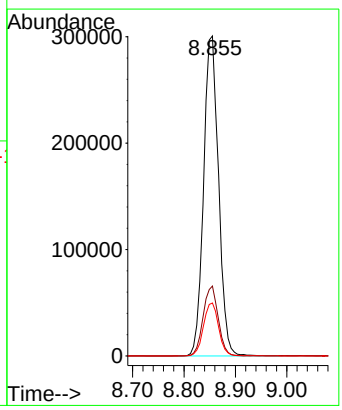


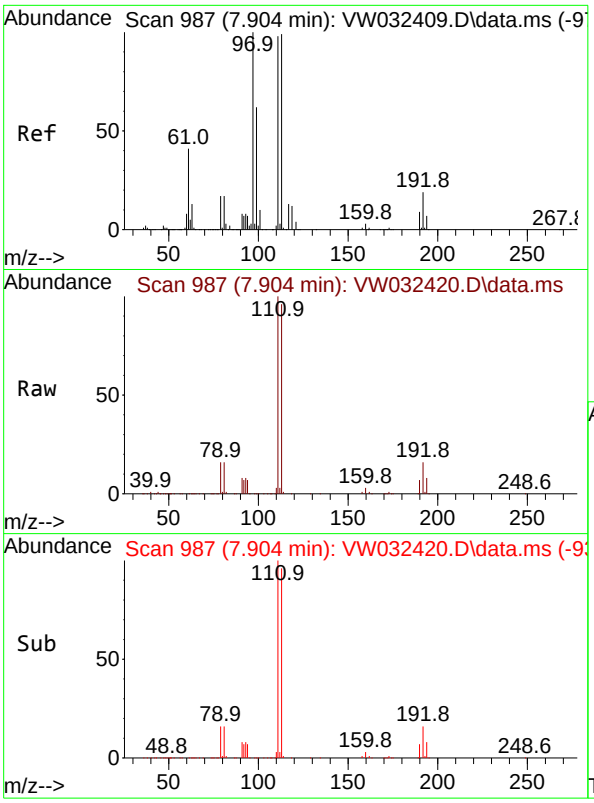


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Tgt Ion:114 Resp: 607073

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.8
88	16.5	0.0	32.6



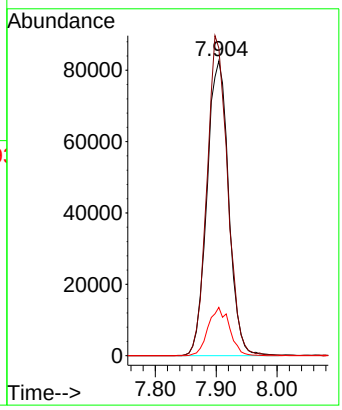


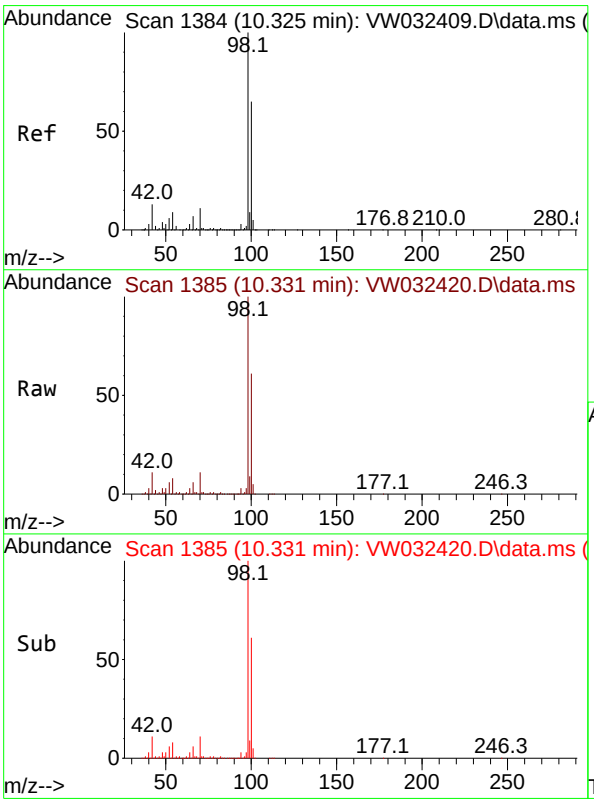
#35
Dibromofluoromethane
Concen: 56.353 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 204824

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	16.2	13.4	20.2

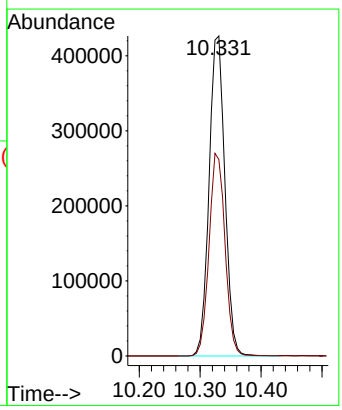


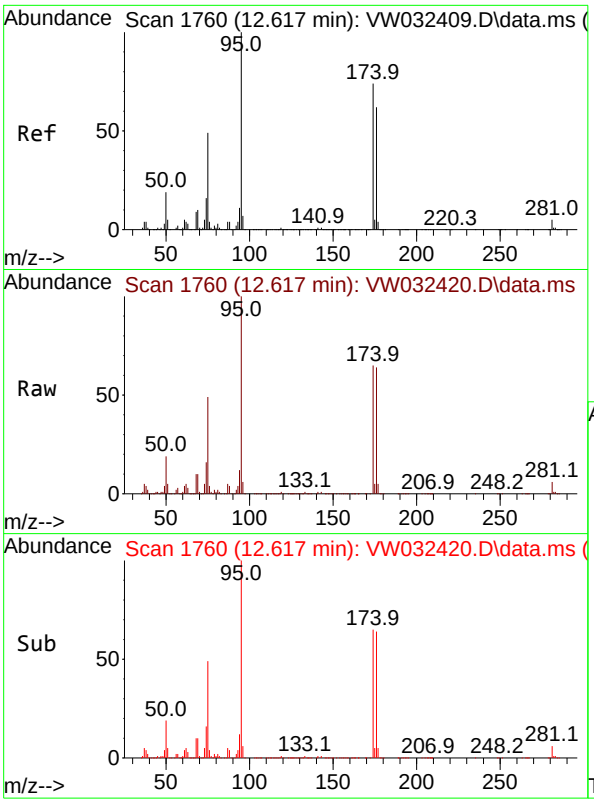


#50
Toluene-d8
Concen: 55.042 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Tgt Ion: 98 Resp: 767506

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.3	79.9



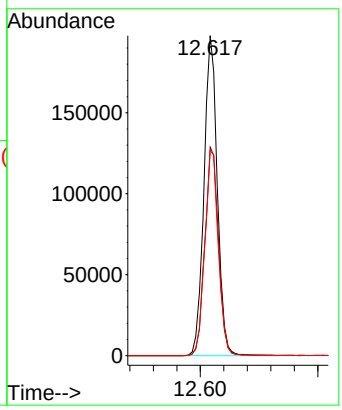


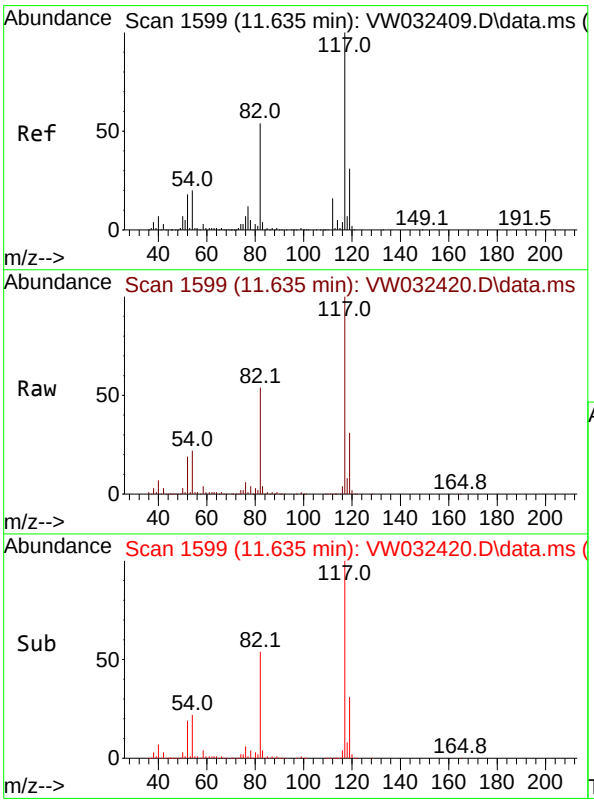
#62
4-Bromofluorobenzene
Concen: 59.324 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 312486

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	135.4
176	64.9	0.0	131.8

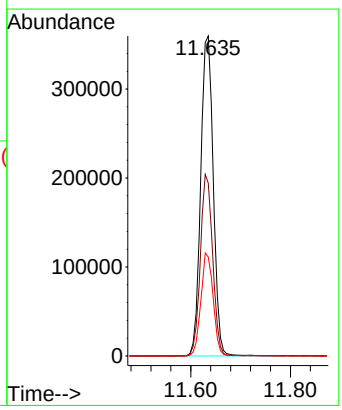


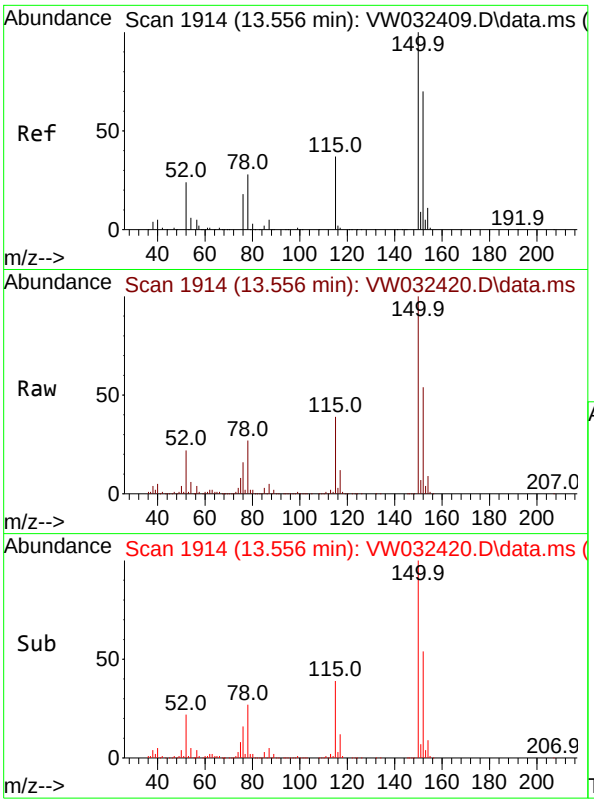


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW032420.D
Acq: 11 Nov 2025 11:22

Tgt Ion:117 Resp: 629228

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	30.9	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: VW032420.D
Acq: 11 Nov 2025 11:22

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 293574

Ion	Ratio	Lower	Upper
152	100		
115	65.1	32.8	98.3
150	166.1	0.0	356.6