Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031774.D
Acq On : 09 Jul 2025 14:34
Operator : SY/MD
Sample : Q2526-04
Misc : 4.70g/5mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Quant Time: Jul 10 01:26:07 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	7.965	168	203138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	408150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	370062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147855	50.718	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.440%			
35) Dibromofluoromethane	7.898	113	126741	47.587	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 95.180%			
50) Toluene-d8	10.331	98	462726	46.686	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 93.380%			
62) 4-Bromofluorobenzene	12.617	95	170209	46.666	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 93.340%			
Target Compounds						Qvalue
16) Acetone	4.161	43	227173	315.271	ug/l	99
17) Carbon Disulfide	4.429	76	8552	1.320	ug/l	99
20) Methylene Chloride	4.960	84	79832	25.289	ug/l	94
25) 2-Butanone	7.203	43	67734	72.255	ug/l	96
86) p-Isopropyltoluene	13.495	119	60435	5.090	ug/l #	86

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

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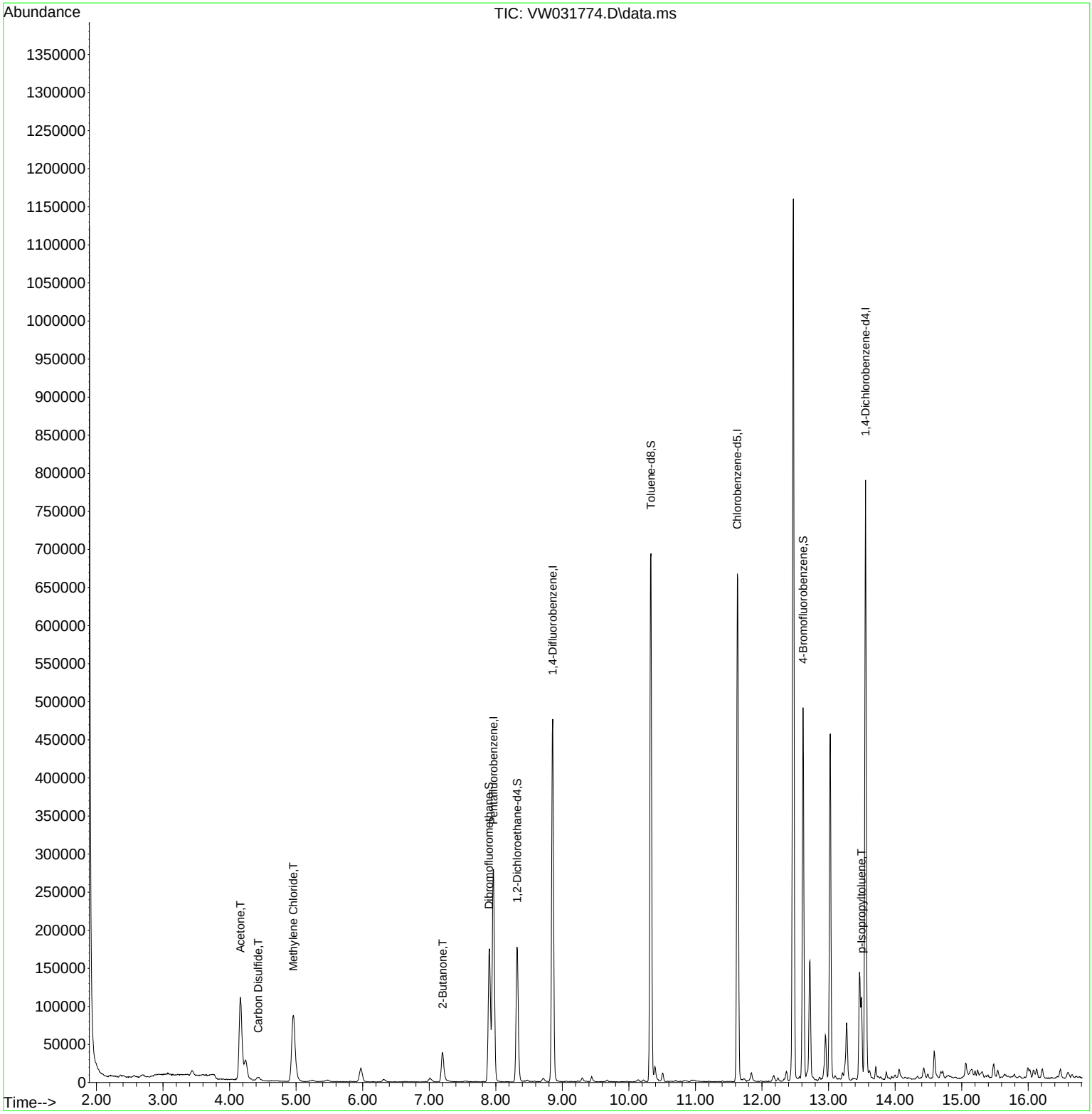
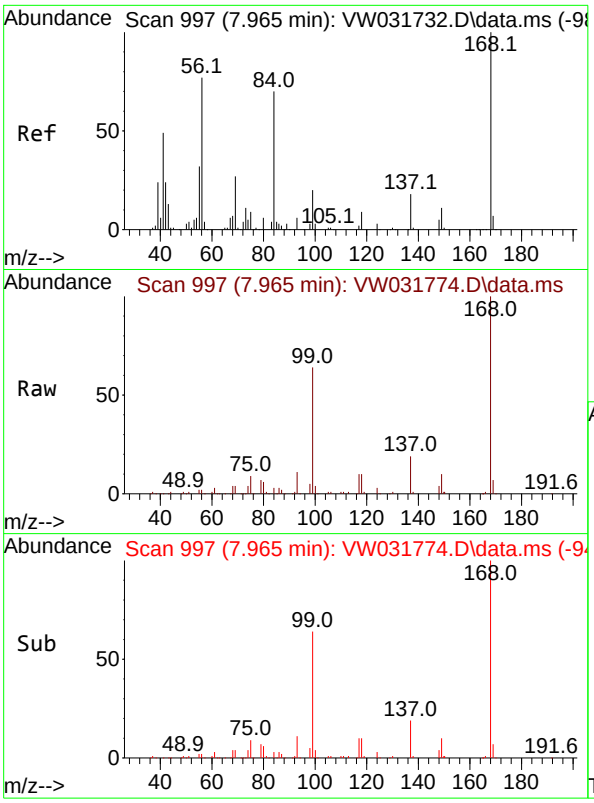


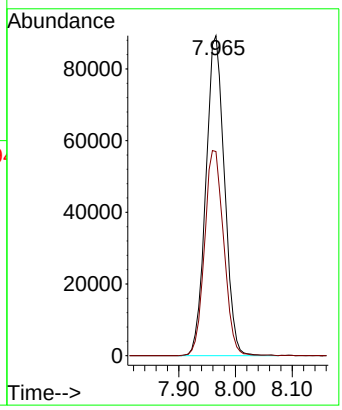


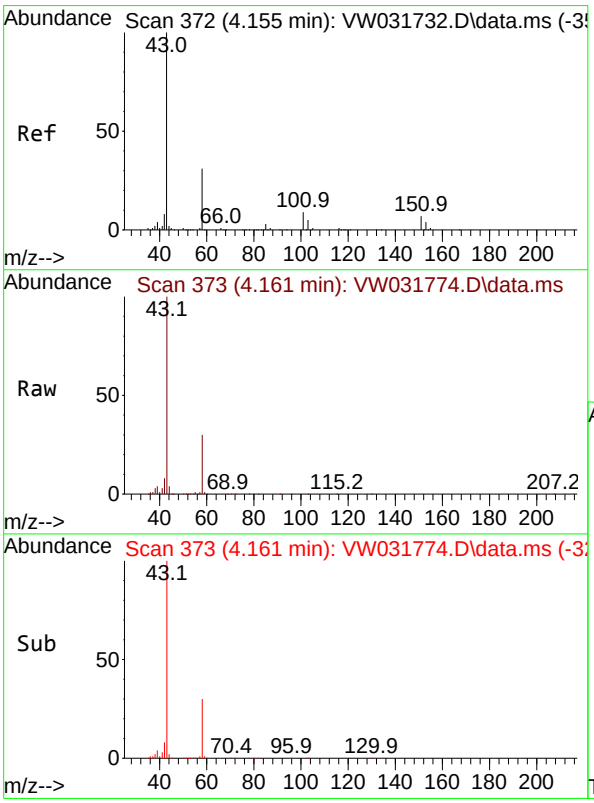
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Tgt Ion:168 Resp: 203138

Ion	Ratio	Lower	Upper
168	100		
99	63.8	49.4	74.2

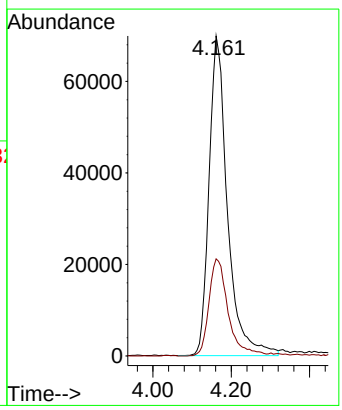


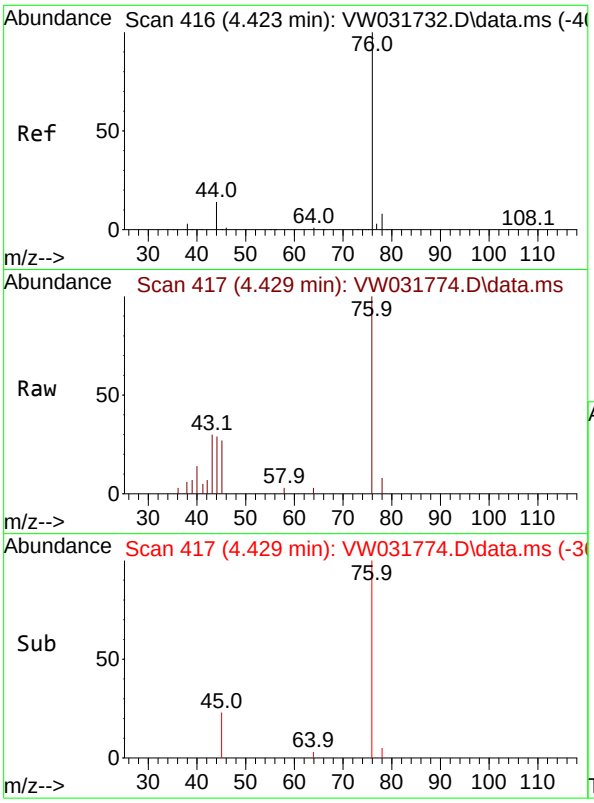


#16
Acetone
Concen: 315.271 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Tgt Ion: 43 Resp: 227173

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2



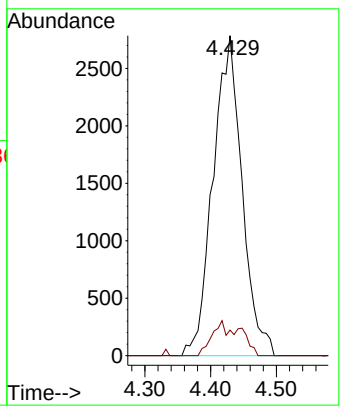


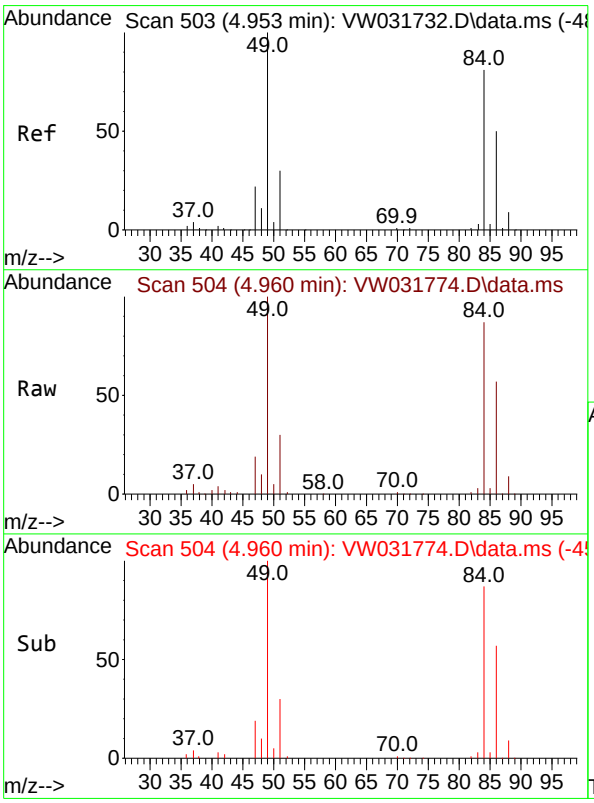
#17
Carbon Disulfide
Concen: 1.320 ug/l
RT: 4.429 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Tgt Ion: 76 Resp: 8552

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.6	10.0

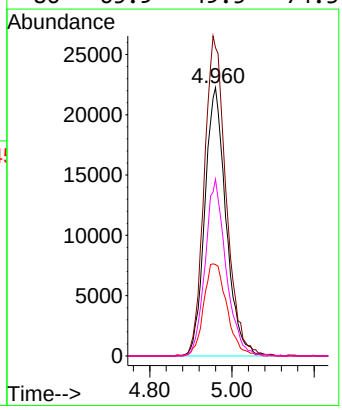


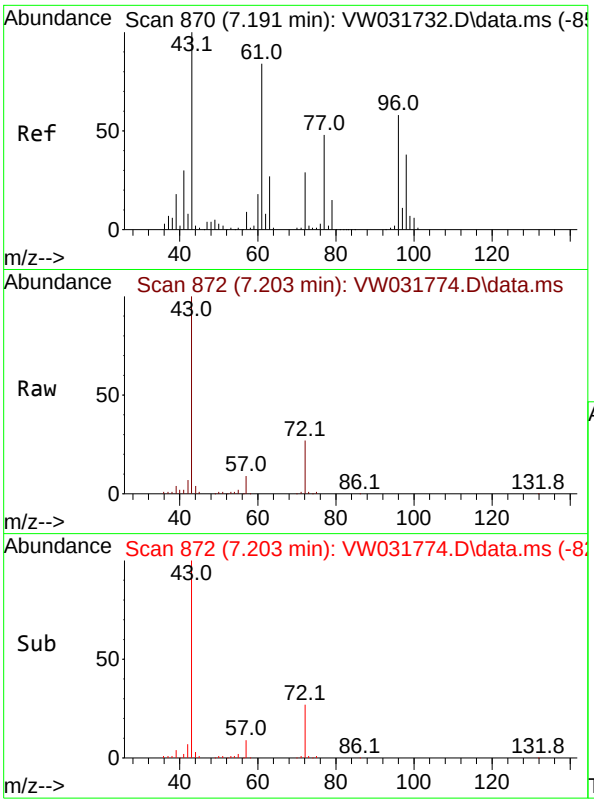


#20
Methylene Chloride
Concen: 25.289 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Tgt Ion: 84 Resp: 79832

Ion	Ratio	Lower	Upper
84	100		
49	114.9	98.2	147.4
51	34.0	29.8	44.8
86	65.9	49.5	74.3



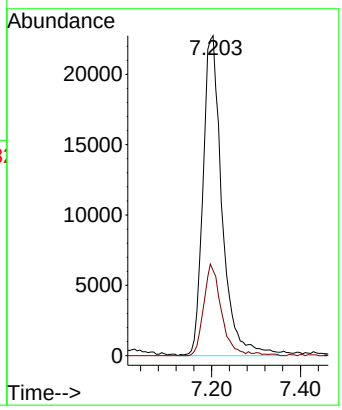


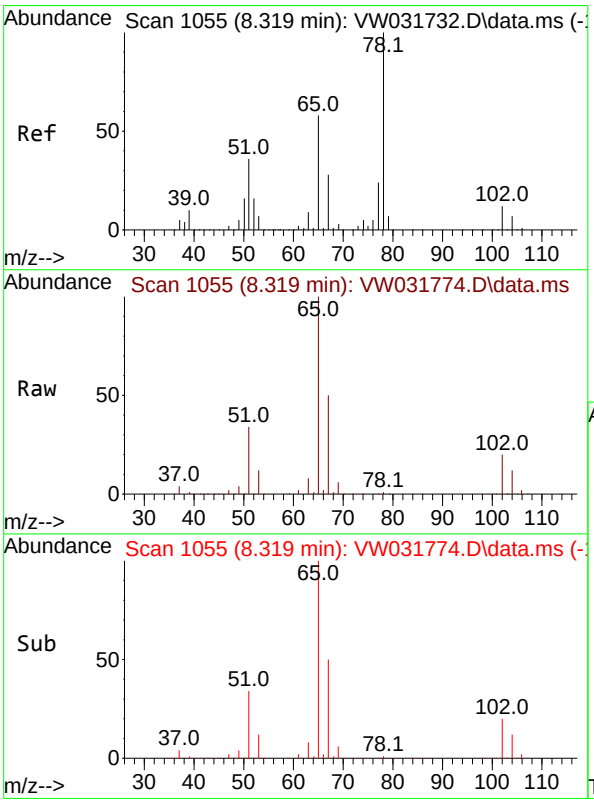
#25
2-Butanone
Concen: 72.255 ug/l
RT: 7.203 min Scan# 8
Delta R.T. 0.013 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Tgt Ion: 43 Resp: 67734

Ion	Ratio	Lower	Upper
43	100		
72	26.6	23.0	34.6

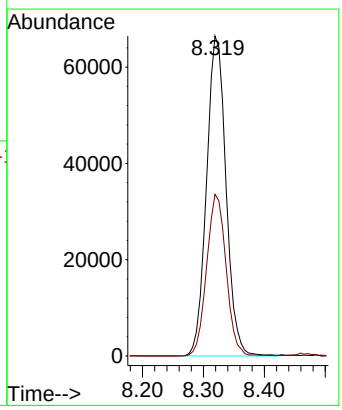


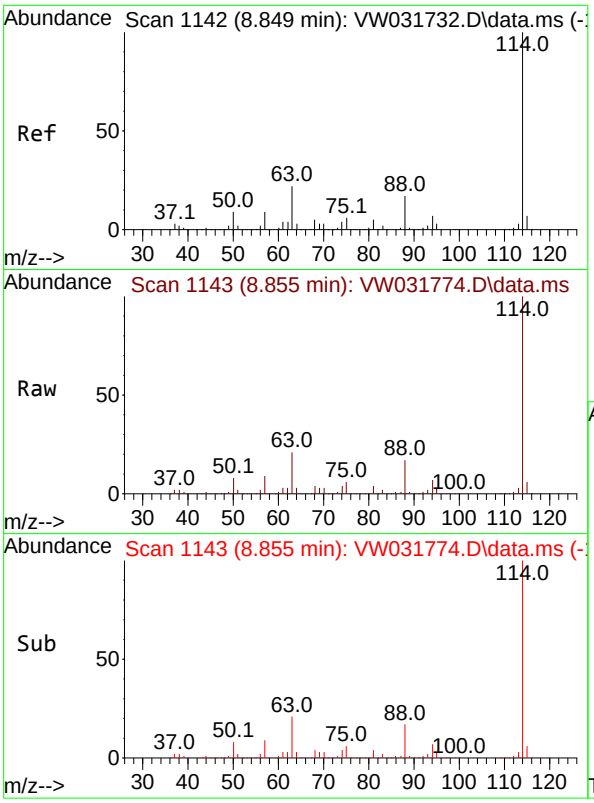


#33
1,2-Dichloroethane-d4
Concen: 50.718 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Tgt Ion: 65 Resp: 147855

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.4



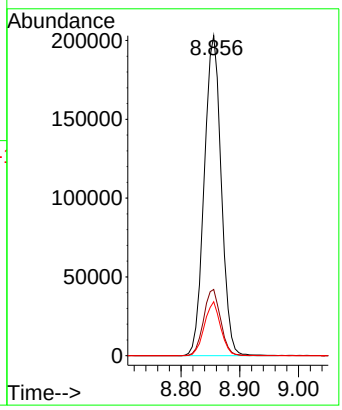


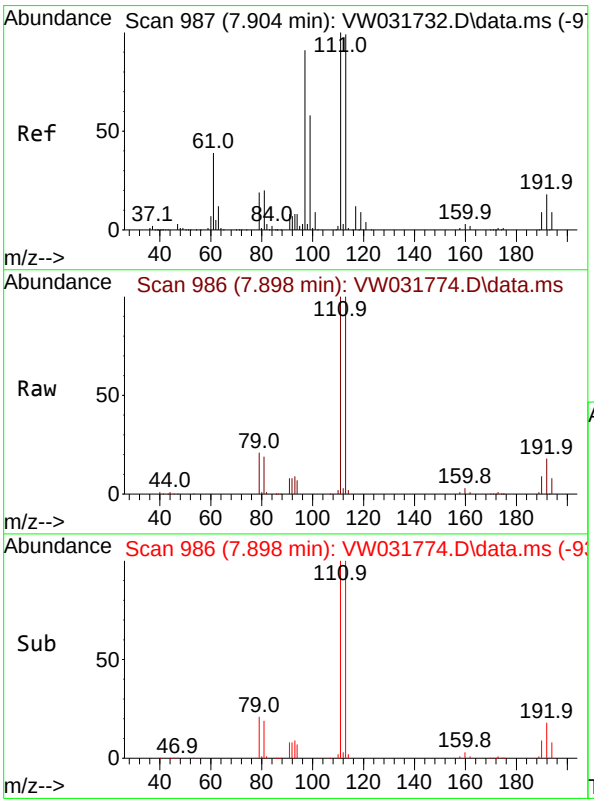
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Tgt Ion:114 Resp: 408150

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.6
88	16.9	0.0	34.2

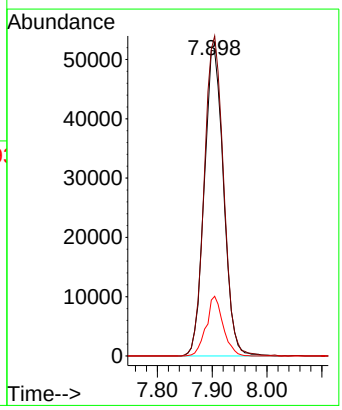


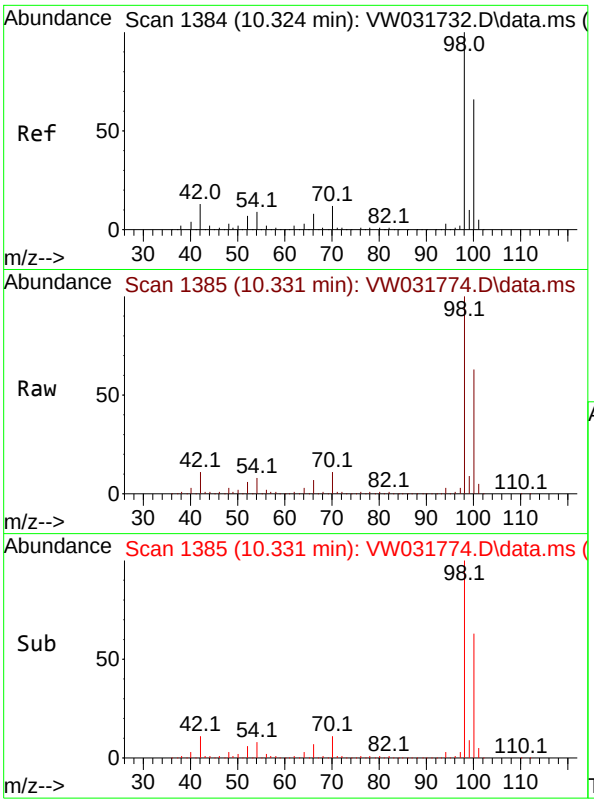


#35
Dibromofluoromethane
Concen: 47.587 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Tgt Ion:113 Resp: 126741

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.1	123.1
192	17.0	13.8	20.6



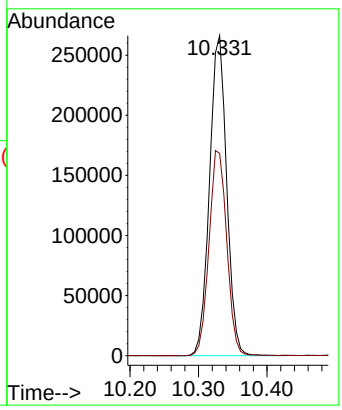


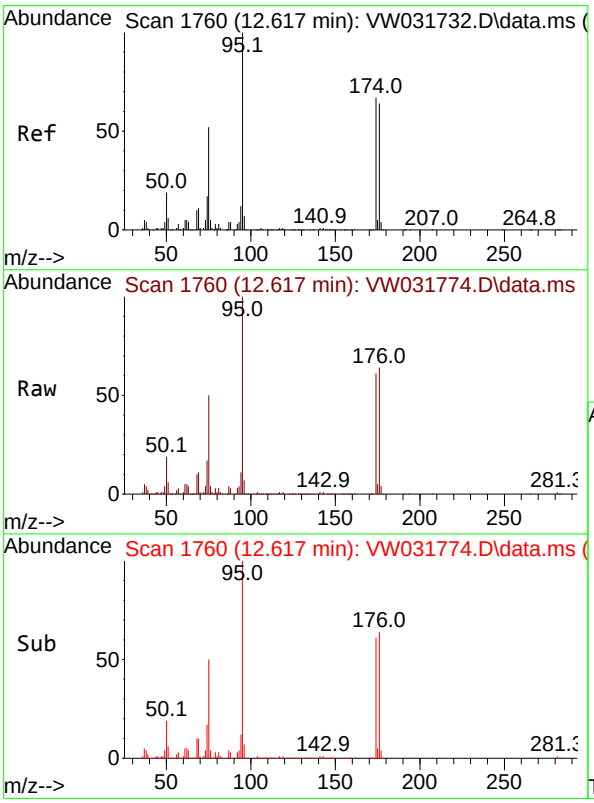
#50
Toluene-d8
Concen: 46.686 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Tgt Ion: 98 Resp: 462726

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

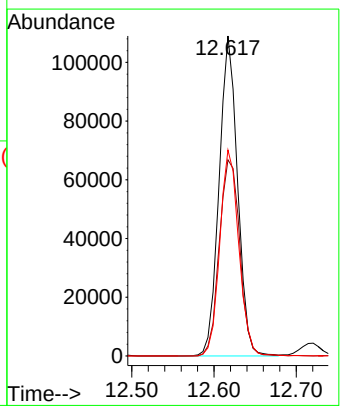


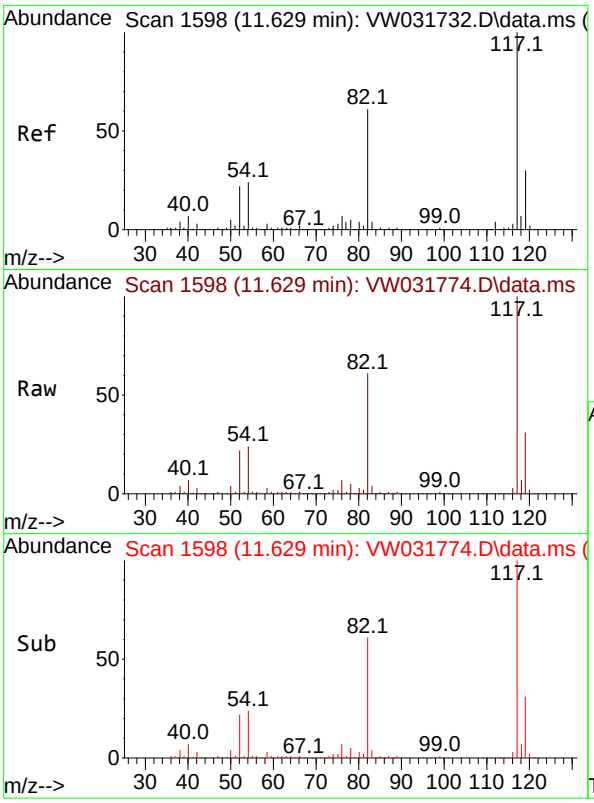


#62
4-Bromofluorobenzene
Concen: 46.666 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Tgt Ion: 95 Resp: 170209

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	133.8
176	66.1	0.0	126.0



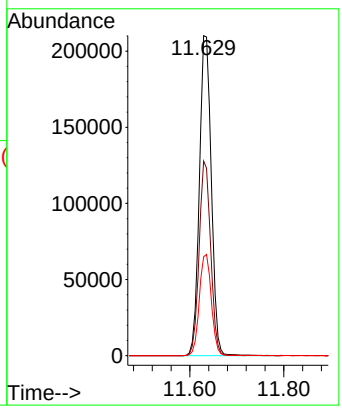


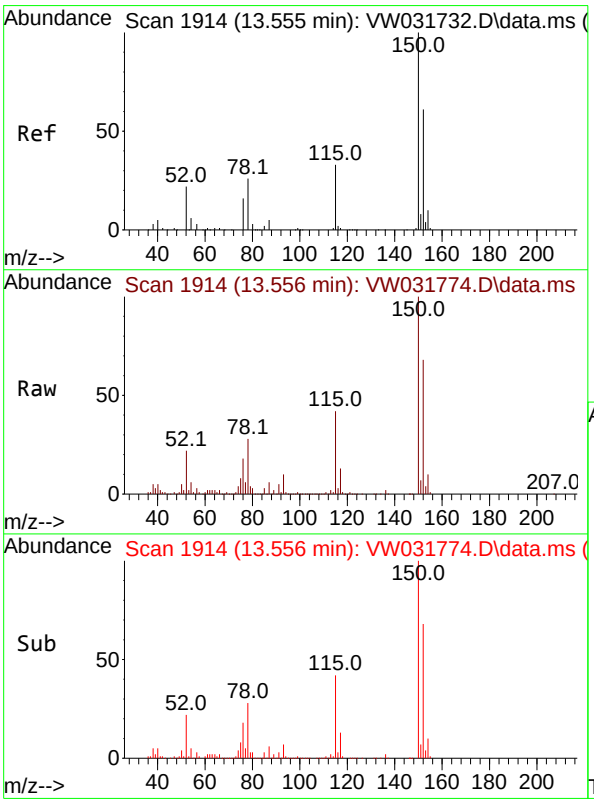
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Tgt Ion:117 Resp: 370062

Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.6	72.8
119	30.9	23.9	35.9

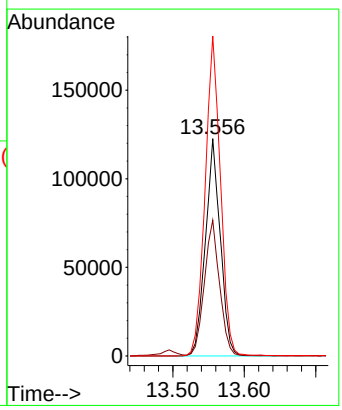


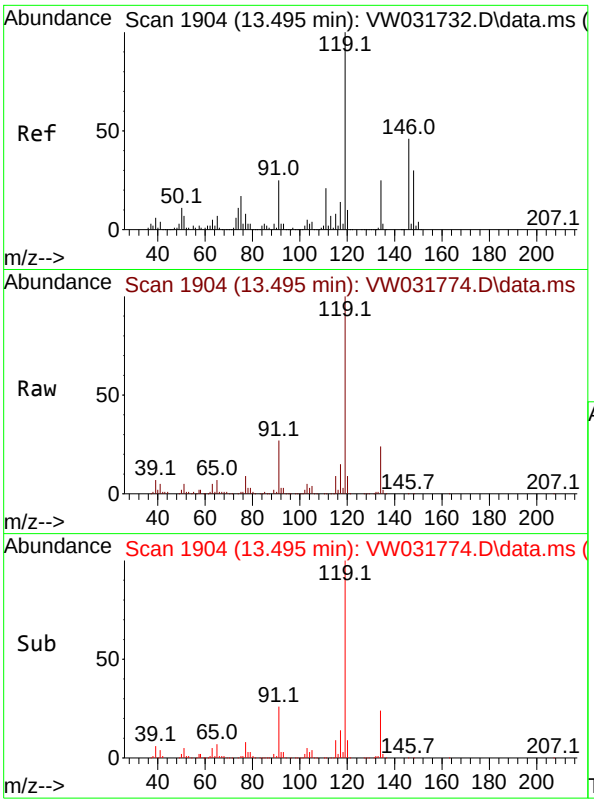


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Tgt Ion:152 Resp: 177950

Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.9	95.7
150	151.6	0.0	356.4





#86
p-Isopropyltoluene
Concen: 5.090 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031774.D
Acq: 09 Jul 2025 14:34

Instrument :
MSVOA_W
ClientSampleId :
LAW-25-0102

Tgt Ion:119 Resp: 60435

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	39.6	12.7	38.0#