Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
Data File : VW032392.D
Acq On : 20 Oct 2025 16:24
Operator : SY/MD
Sample : Q3376-05
Misc : 2.94g/5mL/MSVOA_W/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Quant Time: Oct 21 01:30:31 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	220545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	499682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	486561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	228417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	189064	58.774	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.540%			
35) Dibromofluoromethane	7.904	113	167736	51.834	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.660%			
50) Toluene-d8	10.331	98	633564	53.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.617	95	250680	55.532	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 111.060%			
Target Compounds						Qvalue
16) Acetone	4.161	43	102844	115.463	ug/l	99
17) Carbon Disulfide	4.417	76	101525	14.970	ug/l	99
25) 2-Butanone	7.197	43	42423	34.971	ug/l	98
39) Methylcyclohexane	9.343	83	28003	5.083	ug/l #	81
69) o-Xylene	12.166	106	22170	3.445	ug/l	94

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

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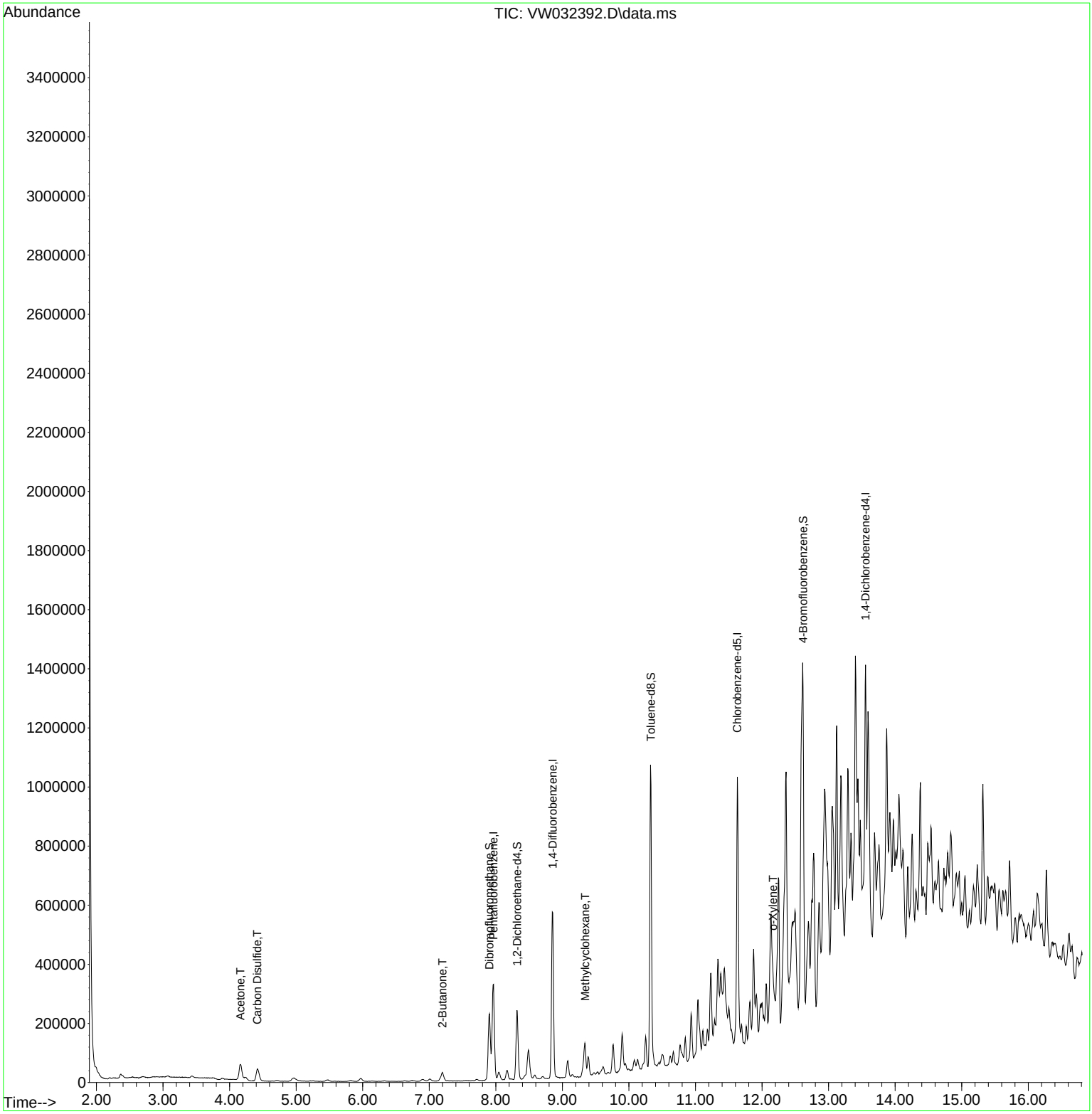
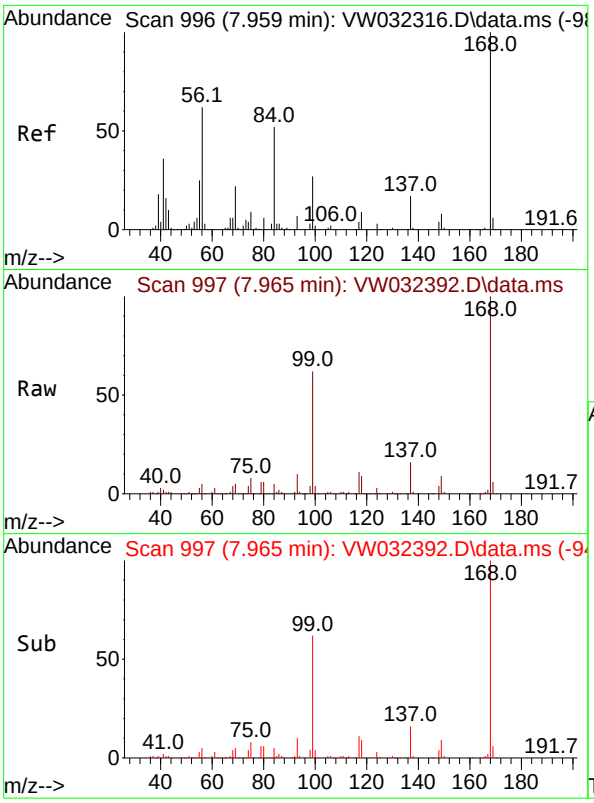


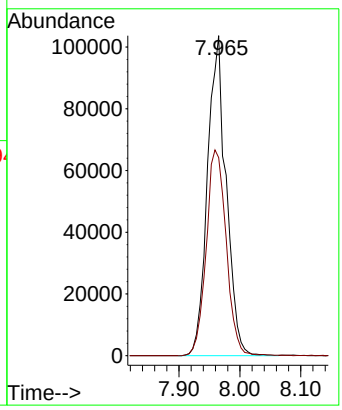


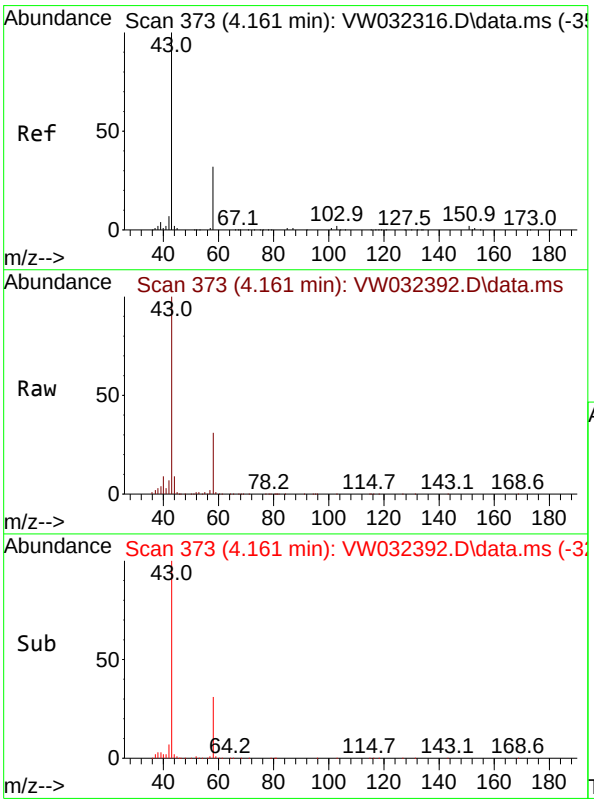
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:168 Resp: 220545

Ion	Ratio	Lower	Upper
168	100		
99	61.9	49.3	73.9

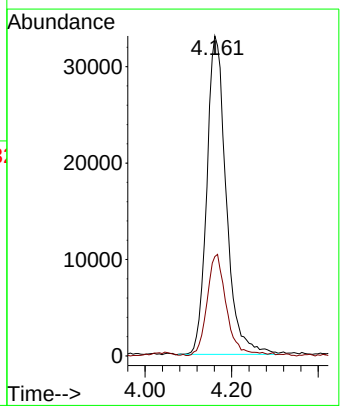


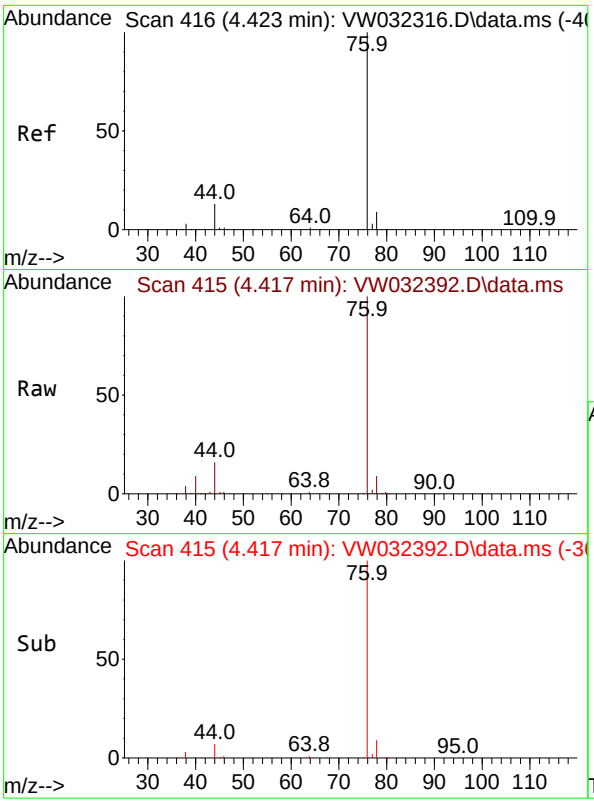


#16
Acetone
Concen: 115.463 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Tgt Ion: 43 Resp: 102844

Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.3	37.9



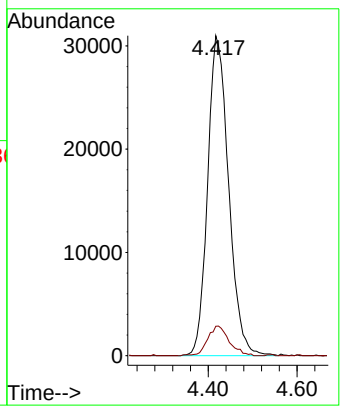


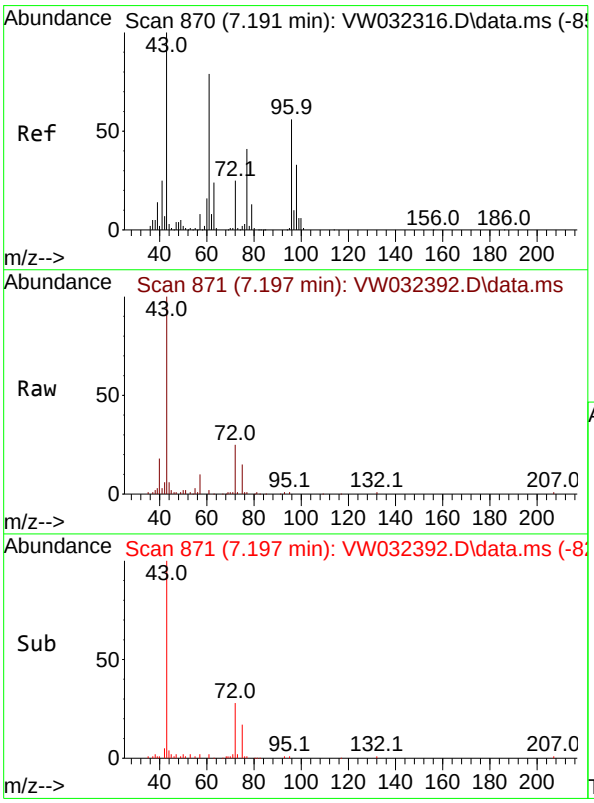
#17
Carbon Disulfide
Concen: 14.970 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion: 76 Resp: 101525

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

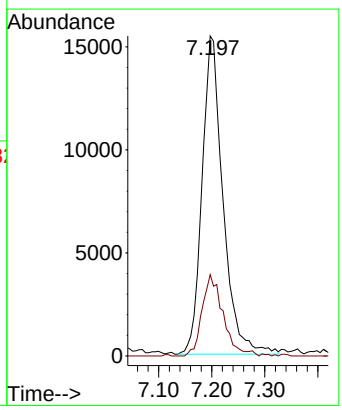


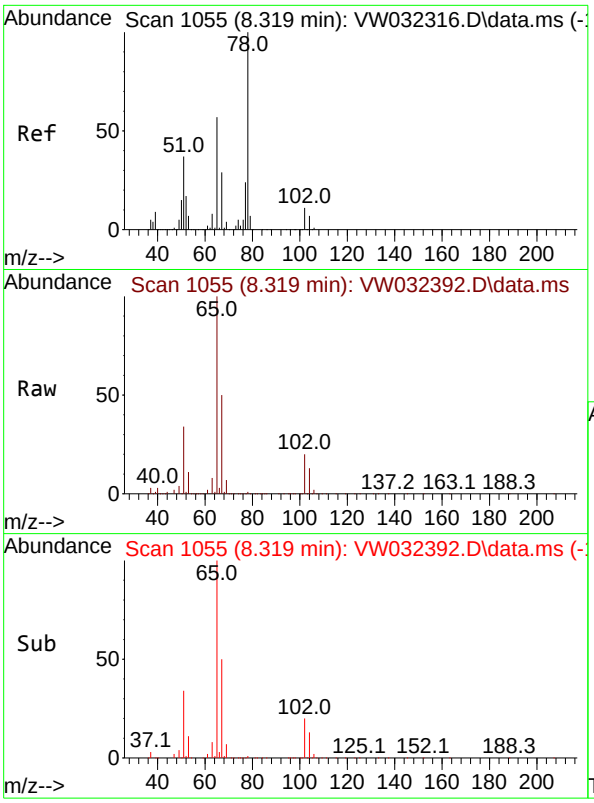


#25
2-Butanone
Concen: 34.971 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Tgt Ion: 43 Resp: 42423

Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.4	32.2



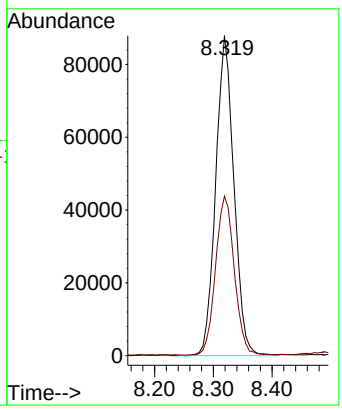


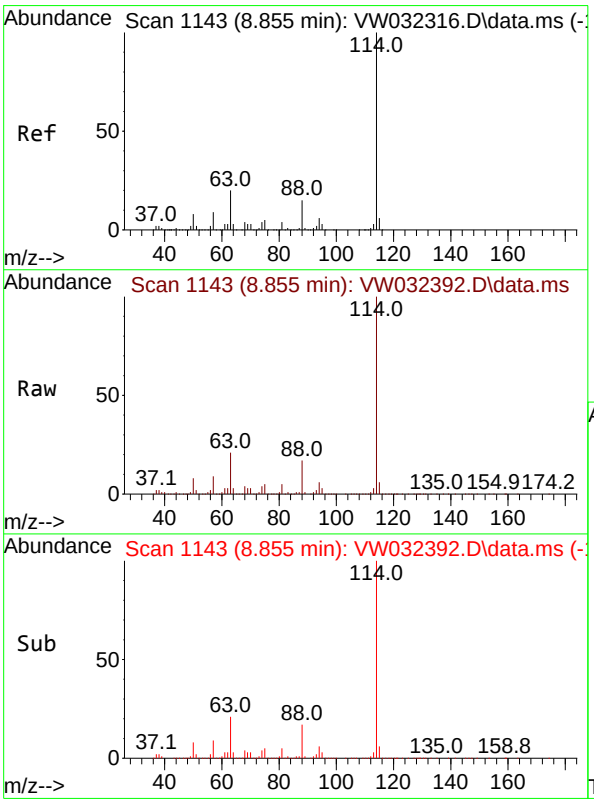
#33
1,2-Dichloroethane-d4
Concen: 58.774 ug/l
RT: 8.319 min Scan# 10
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion: 65 Resp: 189064

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	99.6

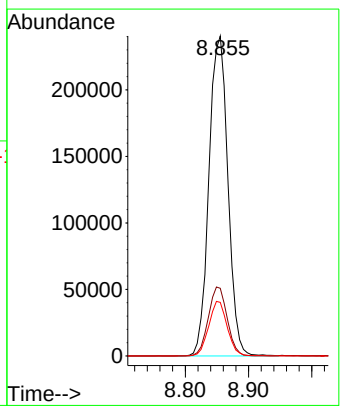


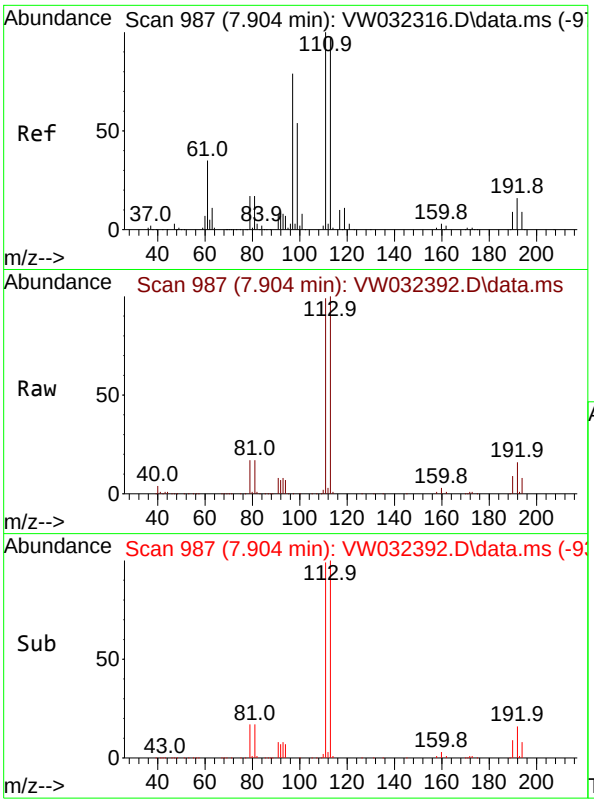


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Tgt Ion:114 Resp: 499682

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.4
88	16.8	0.0	32.0



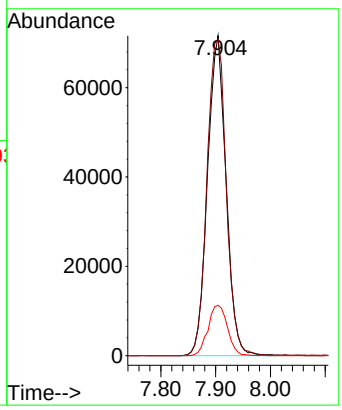


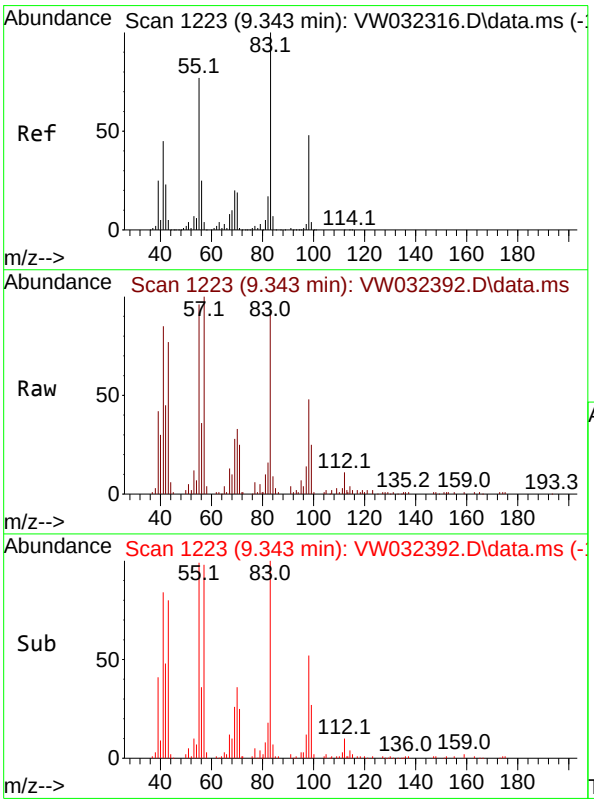
#35
Dibromofluoromethane
Concen: 51.834 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:113 Resp: 167736

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.9	125.9
192	16.6	14.6	21.8

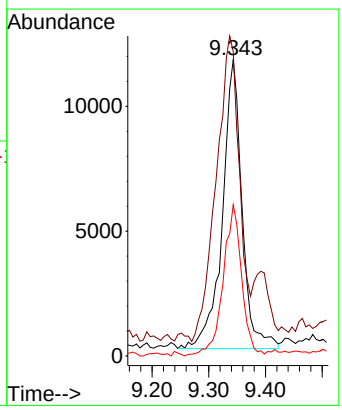


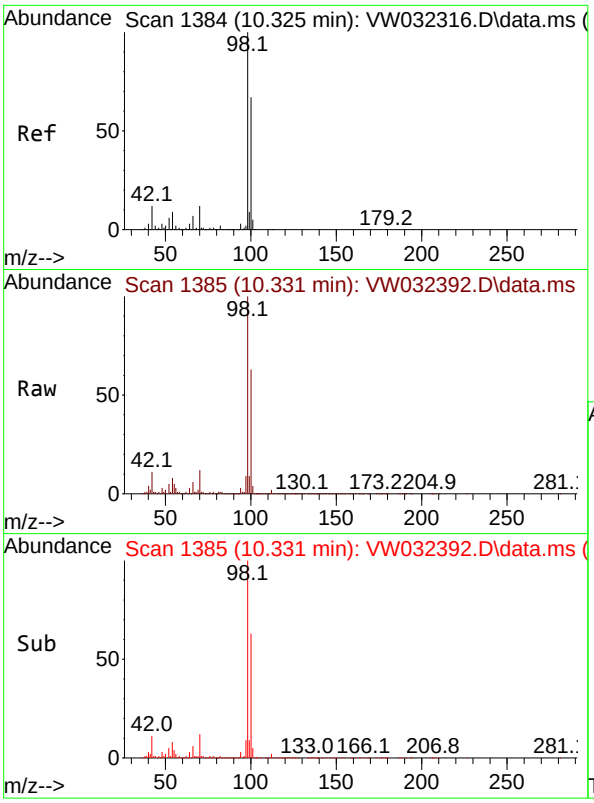


#39
Methylcyclohexane
Concen: 5.083 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Tgt Ion: 83 Resp: 28003

Ion	Ratio	Lower	Upper
83	100		
55	98.0	58.4	87.6#
98	51.4	39.4	59.2



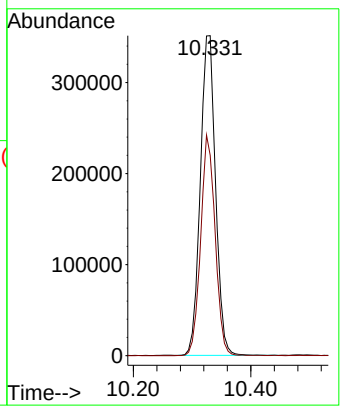


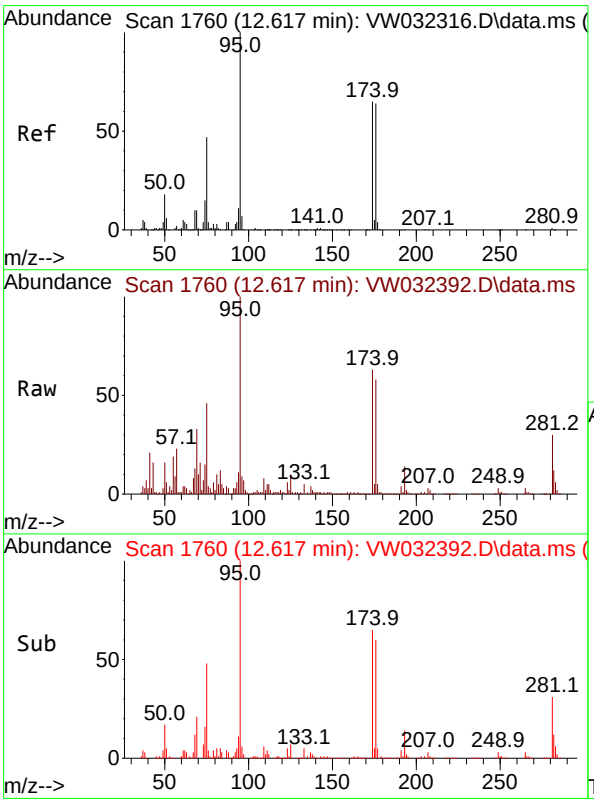
#50
Toluene-d8
Concen: 53.047 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion: 98 Resp: 633564

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2

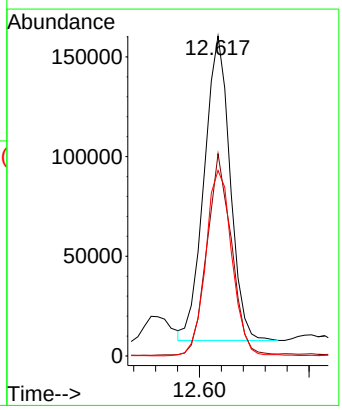


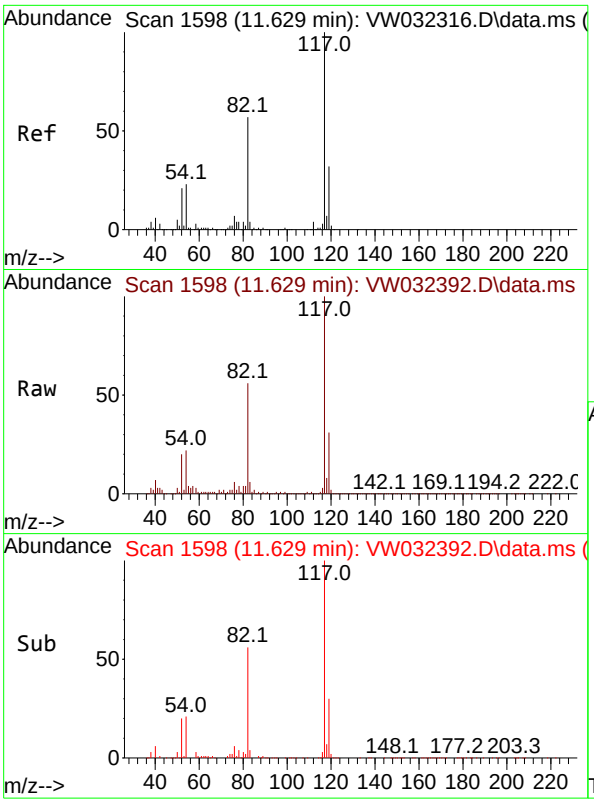


#62
4-Bromofluorobenzene
Concen: 55.532 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Tgt Ion: 95 Resp: 250680

Ion	Ratio	Lower	Upper
95	100		
174	62.9	0.0	145.6
176	62.1	0.0	140.8



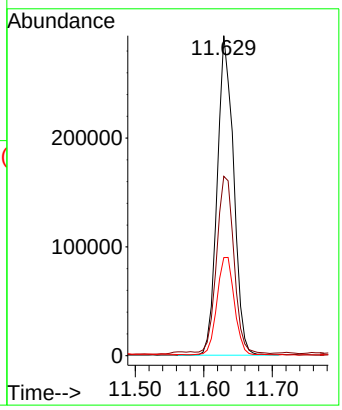


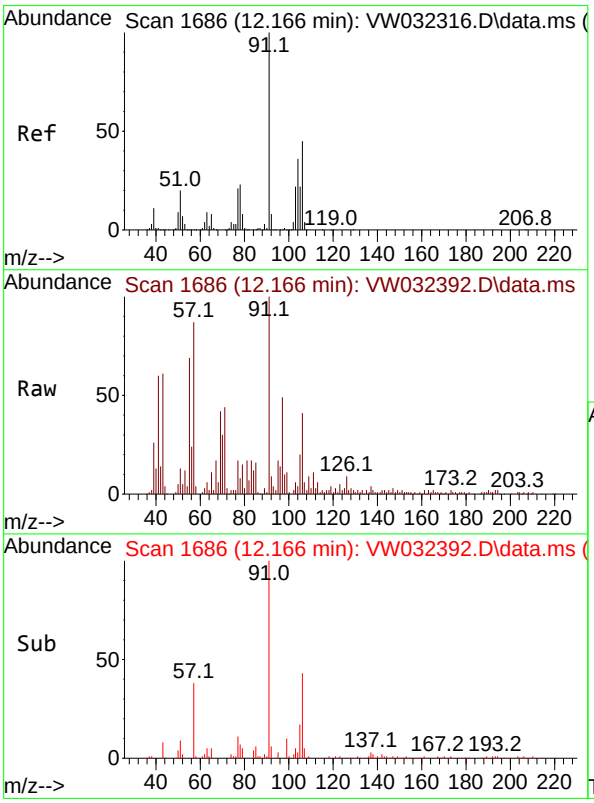
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:117 Resp: 486561

Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.7	64.1
119	30.4	25.2	37.8

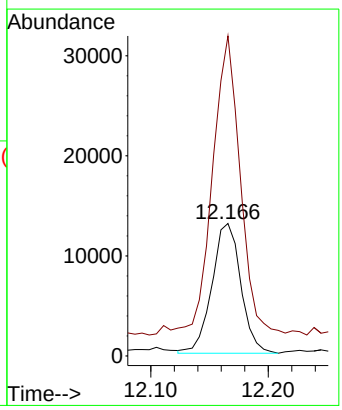


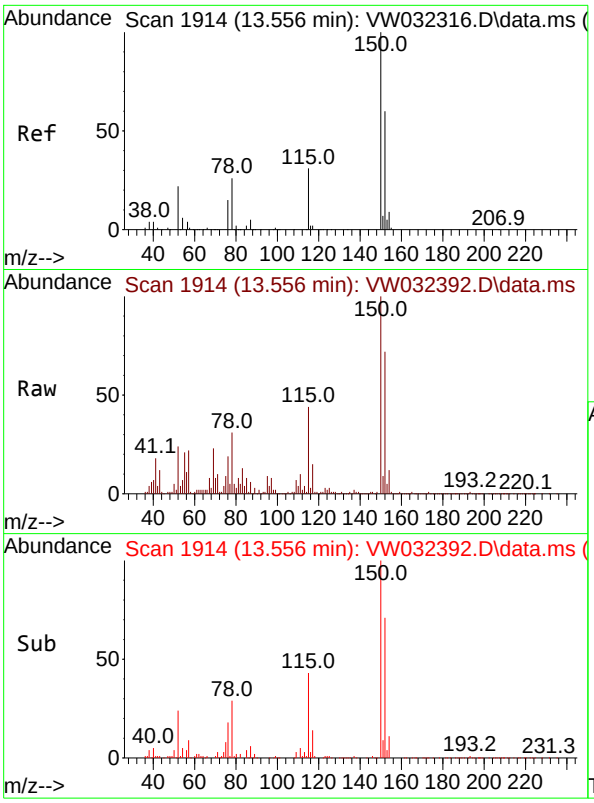


#69
o-Xylene
Concen: 3.445 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Tgt Ion:106 Resp: 22170

Ion	Ratio	Lower	Upper
106	100		
91	226.5	108.7	326.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032392.D
Acq: 20 Oct 2025 16:24

Instrument :
MSVOA_W
ClientSampleId :
PR132-S12-020047-20251016

Tgt Ion:152 Resp: 228417

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.8	95.4
150	148.4	0.0	343.0