Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023536.D
Acq On : 21 Oct 2025 15:47
Operator : SY/MD
Sample : Q3403-03
Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-18-VOC

Quant Time: Oct 24 01:37:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	672015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1083964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	900115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	364081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	279559	49.748	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.500%			
35) Dibromofluoromethane	7.634	113	340172	51.073	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.140%			
50) Toluene-d8	10.109	98	1211307	48.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.660%			
62) 4-Bromofluorobenzene	12.408	95	331935	40.534	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.060%			
Target Compounds						Qvalue
16) Acetone	3.873	43	52890	39.534	ug/l	98
20) Methylene Chloride	4.629	84	13814	1.910	ug/l #	88
25) 2-Butanone	6.903	43	13448	8.234	ug/l	95

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

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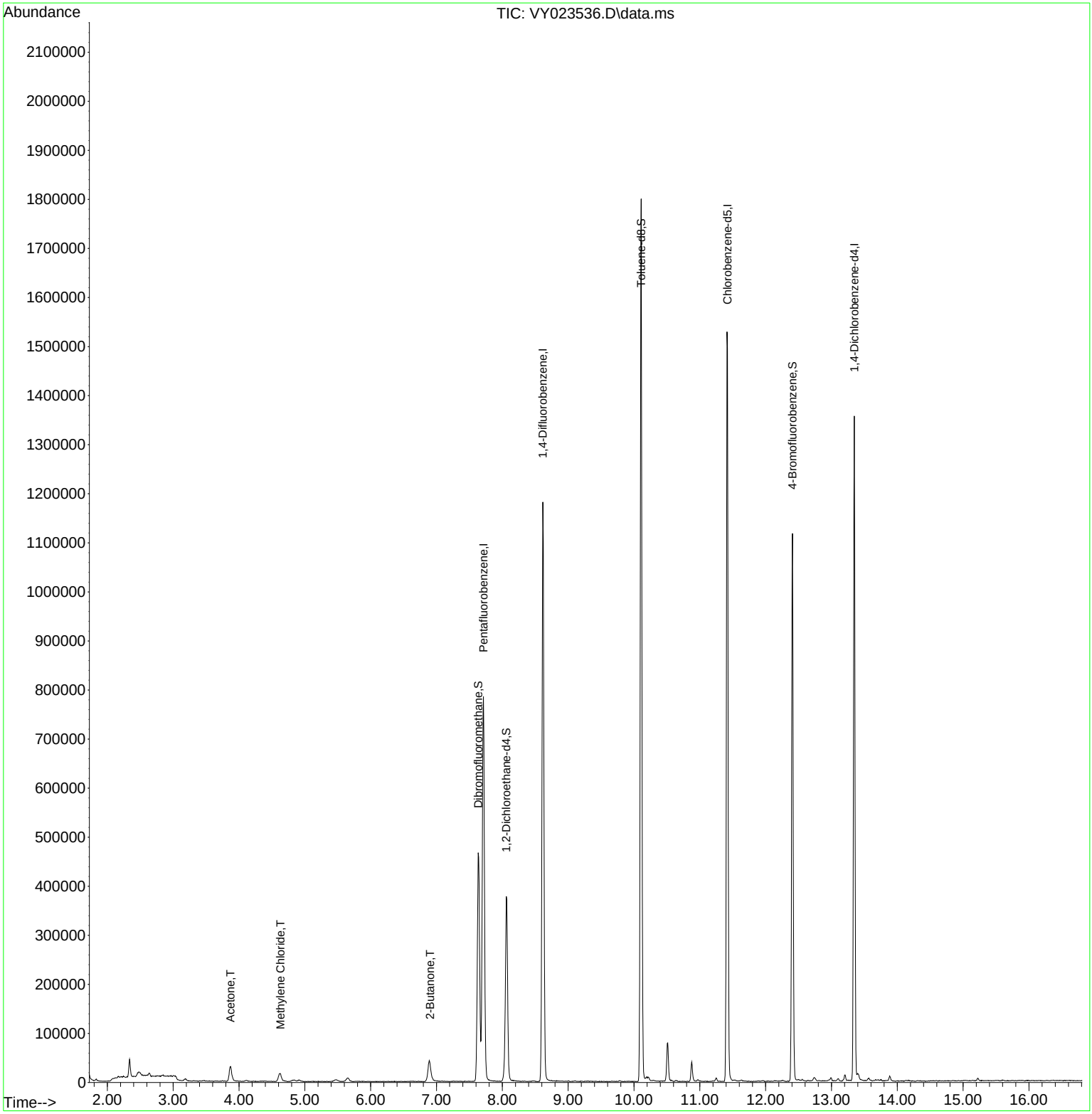
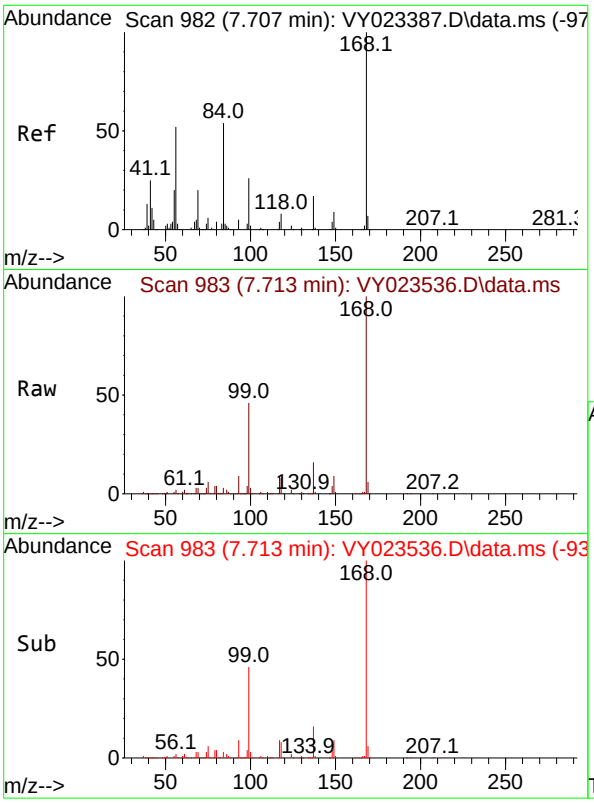


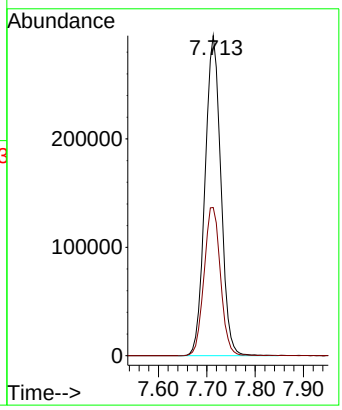


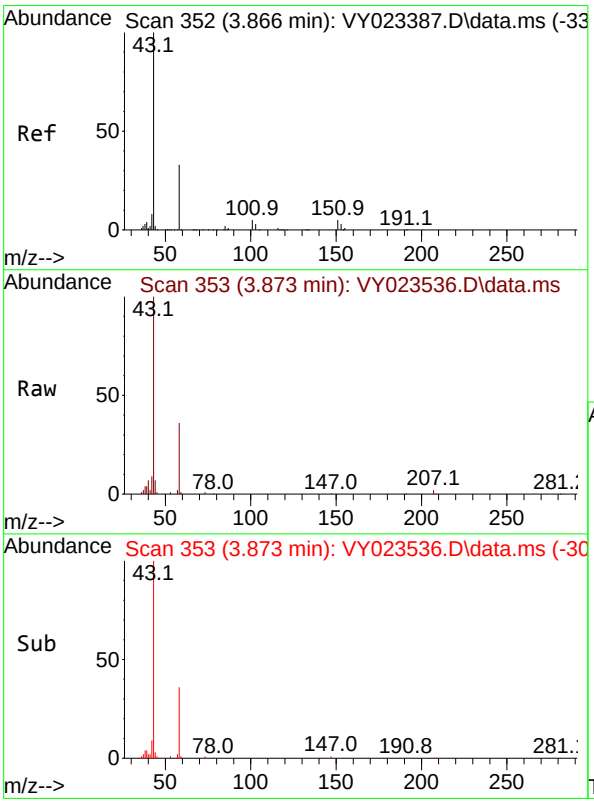
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-18-VOC

Tgt Ion:168 Resp: 672015

Ion	Ratio	Lower	Upper
168	100		
99	46.3	39.7	59.5

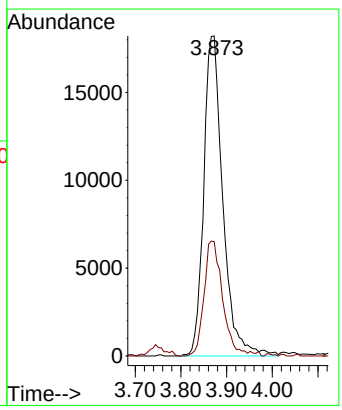


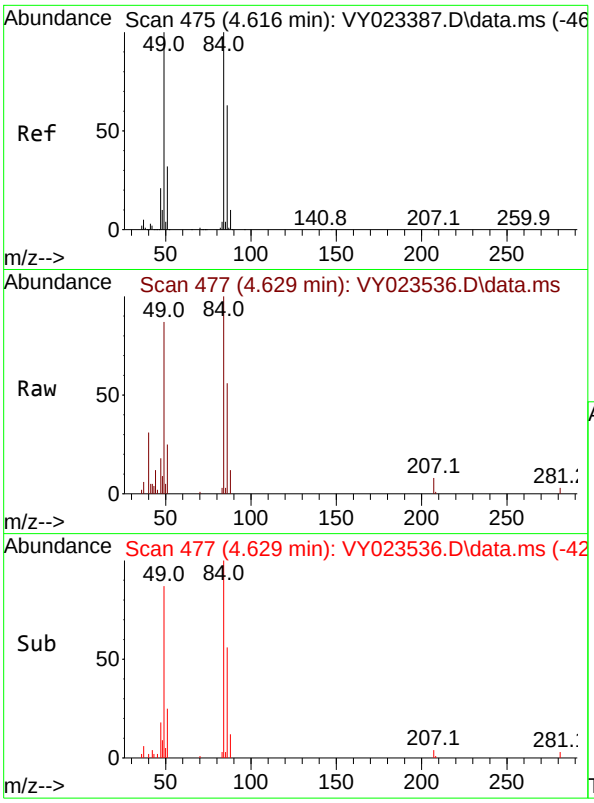


#16
Acetone
Concen: 39.534 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Tgt Ion: 43 Resp: 52890

Ion	Ratio	Lower	Upper
43	100		
58	35.7	27.7	41.5



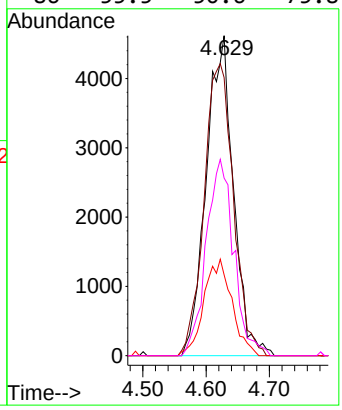


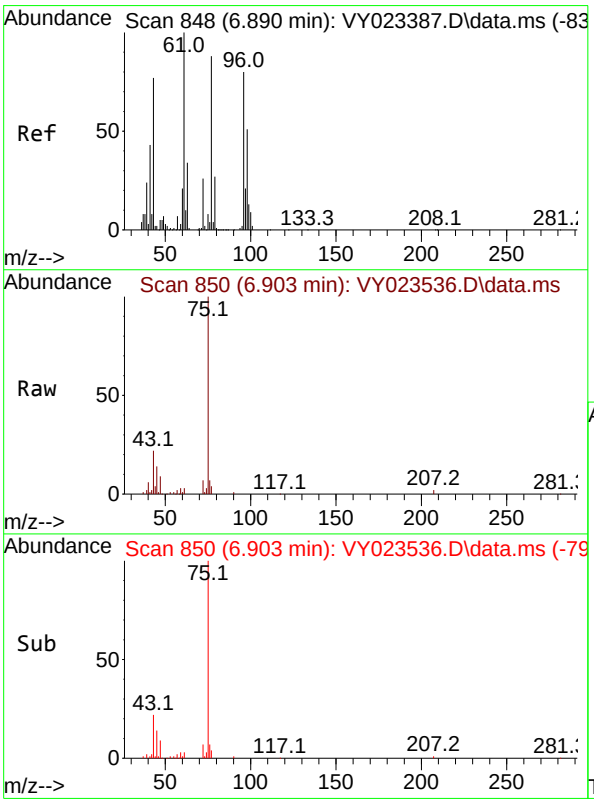
#20
Methylene Chloride
Concen: 1.910 ug/l
RT: 4.629 min Scan# 4
Delta R.T. 0.012 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-18-VOC

Tgt Ion: 84 Resp: 13814

Ion	Ratio	Lower	Upper
84	100		
49	86.9	80.2	120.4
51	25.2	25.9	38.9#
86	55.5	50.6	75.8

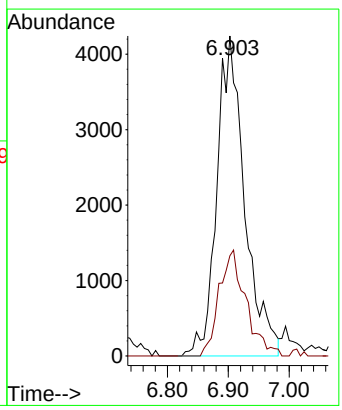


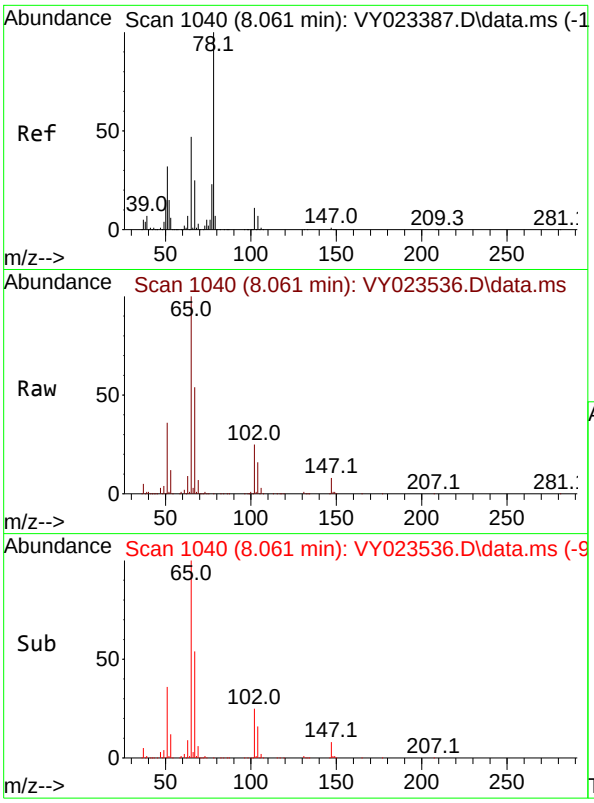


#25
2-Butanone
Concen: 8.234 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Tgt Ion: 43 Resp: 13448

Ion	Ratio	Lower	Upper
43	100		
72	31.3	27.4	41.2



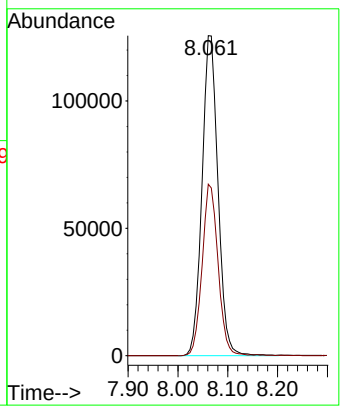


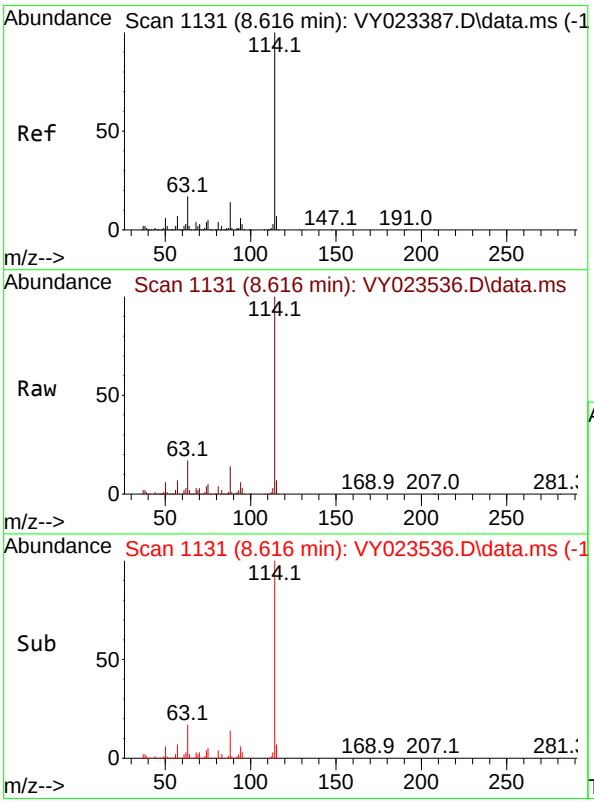
#33
1,2-Dichloroethane-d4
Concen: 49.748 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-18-VOC

Tgt Ion: 65 Resp: 279559

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.8

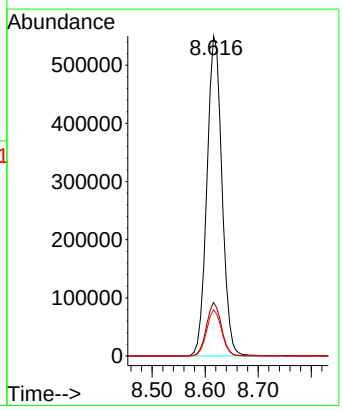


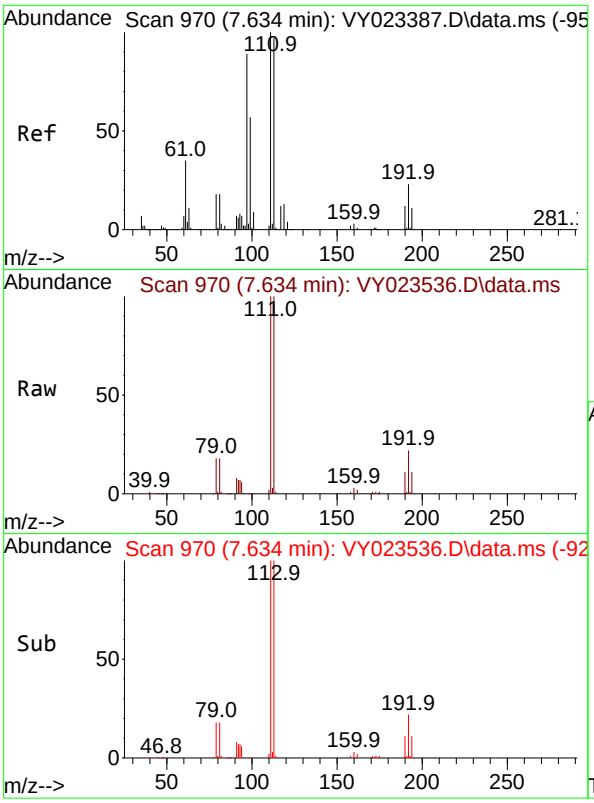


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Tgt Ion:114 Resp: 1083964

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.2
88	14.5	0.0	28.4



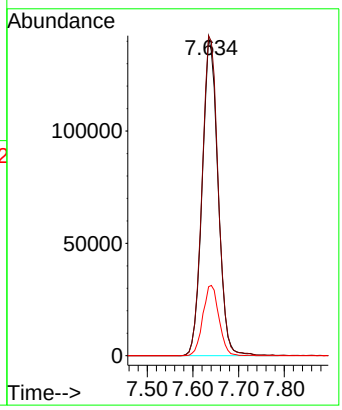


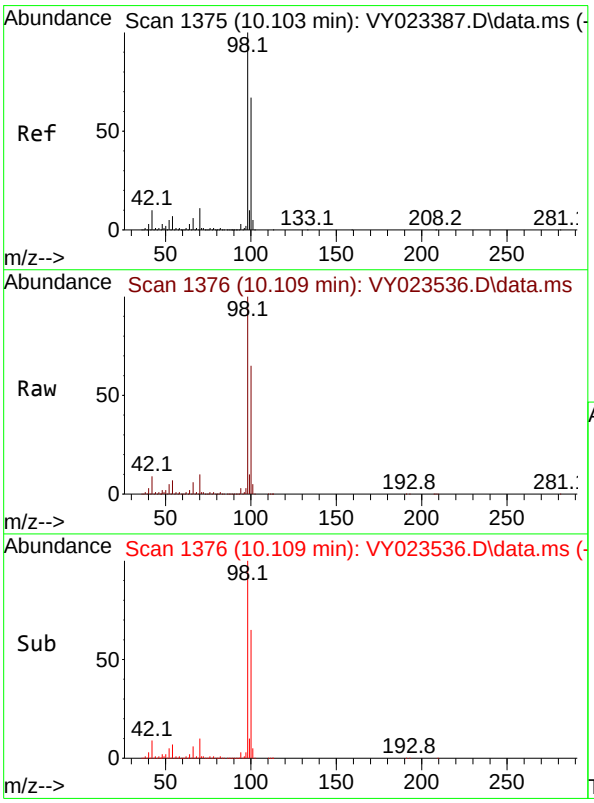
#35
Dibromofluoromethane
Concen: 51.073 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-18-VOC

Tgt Ion:113 Resp: 340172

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	22.5	18.0	27.0

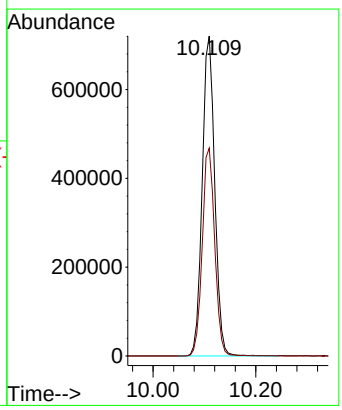


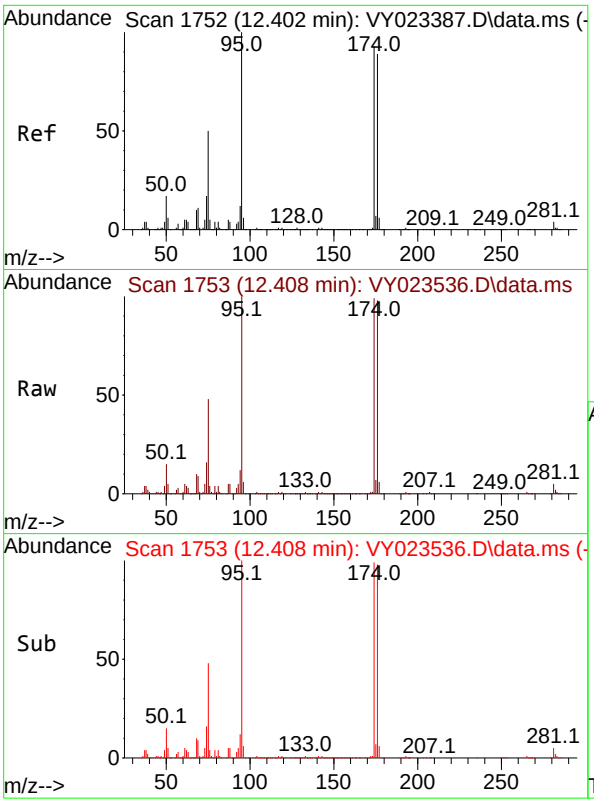


#50
Toluene-d8
Concen: 48.835 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Tgt Ion: 98 Resp: 1211307

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.0	79.4



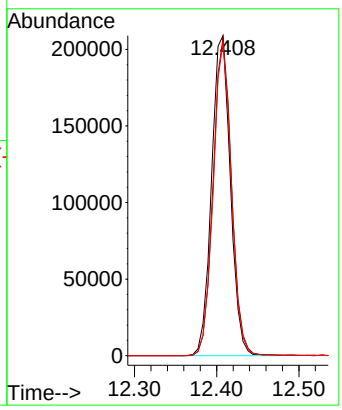


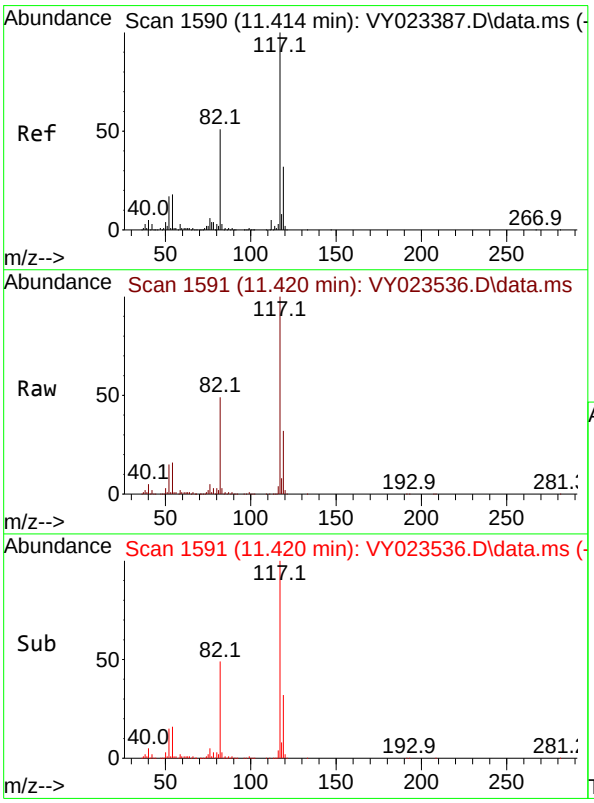
#62
4-Bromofluorobenzene
Concen: 40.534 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-18-VOC

Tgt Ion: 95 Resp: 331935

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	192.8
176	94.7	0.0	187.6

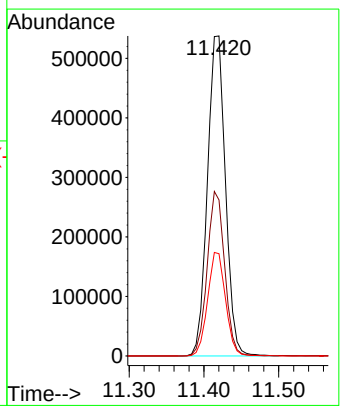


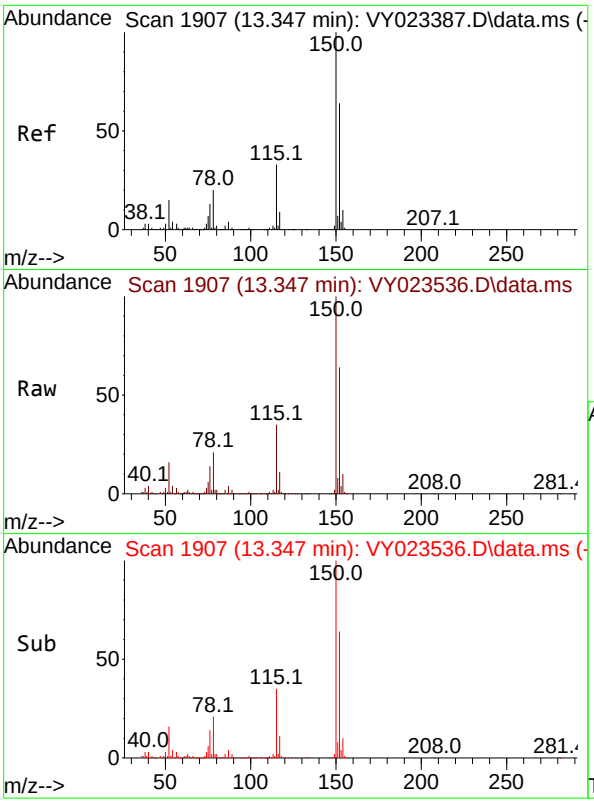


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Tgt Ion:117 Resp: 900115

Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.0	61.4
119	31.9	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023536.D
Acq: 21 Oct 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-18-VOC

Tgt Ion:152 Resp: 364081

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.2
150	157.7	0.0	347.4