Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
Data File : VY022296.D
Acq On : 16 May 2025 17:12
Operator : SY/MD
Sample : Q2032-07
Misc : 8.13g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Quant Time: May 17 01:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	264744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	474666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	382466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	139806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145755	50.375	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.740%			
35) Dibromofluoromethane	7.634	113	140960	49.755	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.500%			
50) Toluene-d8	10.103	98	565113	48.704	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.401	95	148783	40.455	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.900%			
Target Compounds						Qvalue
16) Acetone	3.866	43	18365	33.850	ug/l	93
20) Methylene Chloride	4.604	84	9091	2.593	ug/l	96
25) 2-Butanone	6.896	43	5961	6.569	ug/l #	88

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

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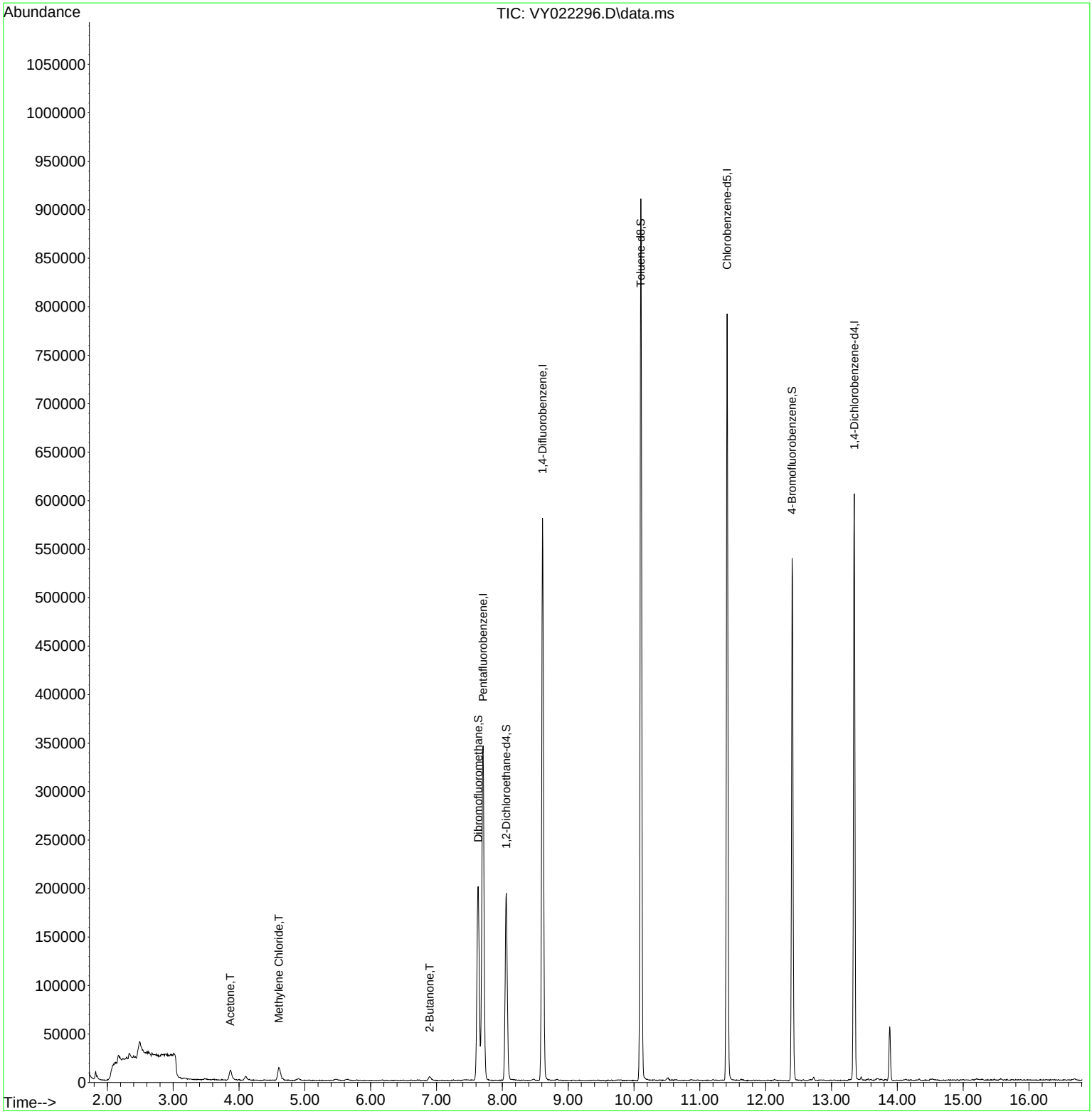
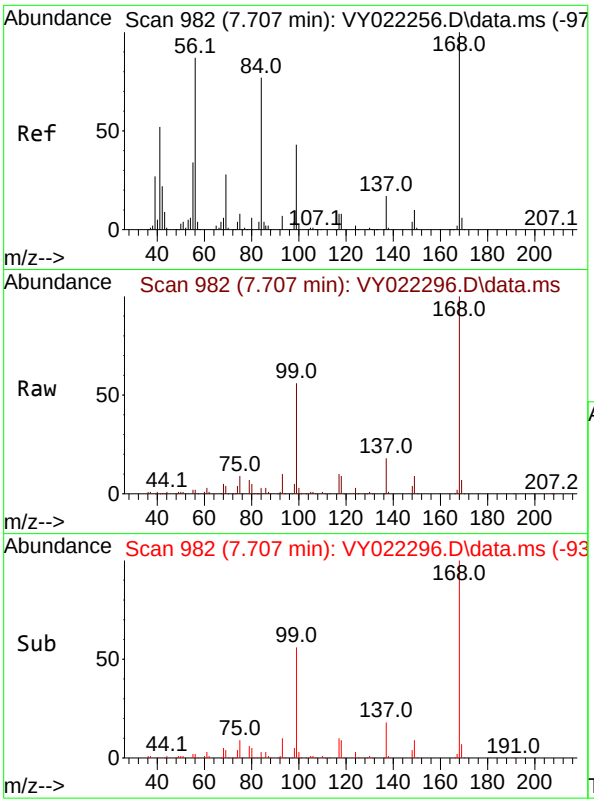


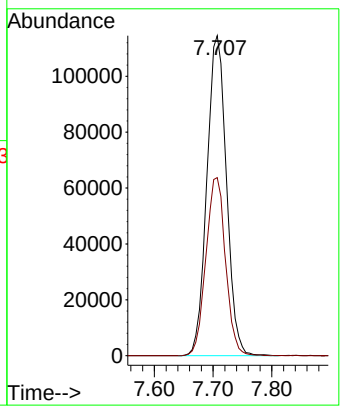


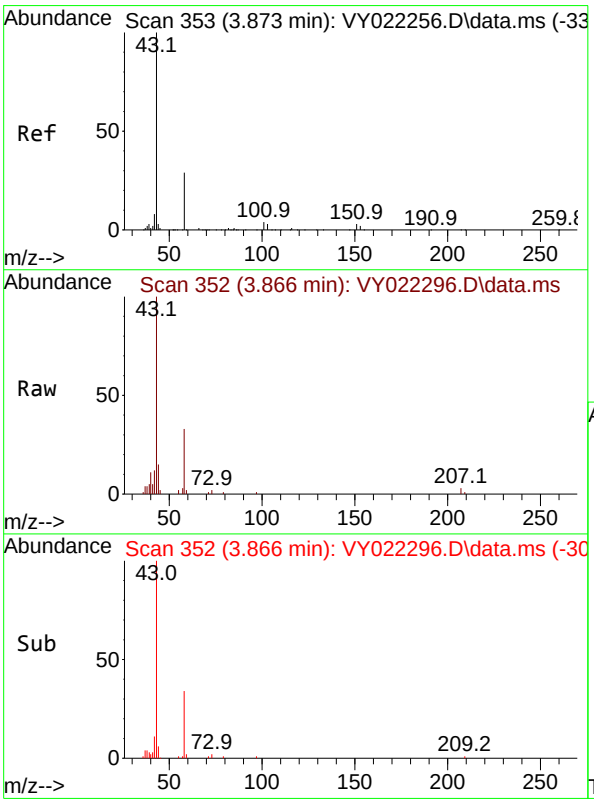
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Tgt Ion:168 Resp: 264744

Ion	Ratio	Lower	Upper
168	100		
99	55.6	44.2	66.4

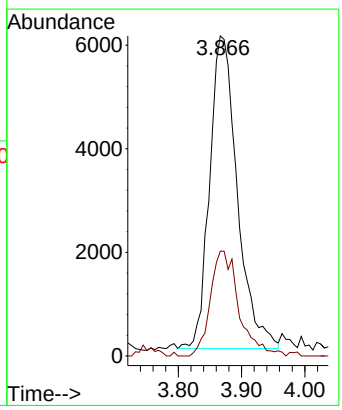


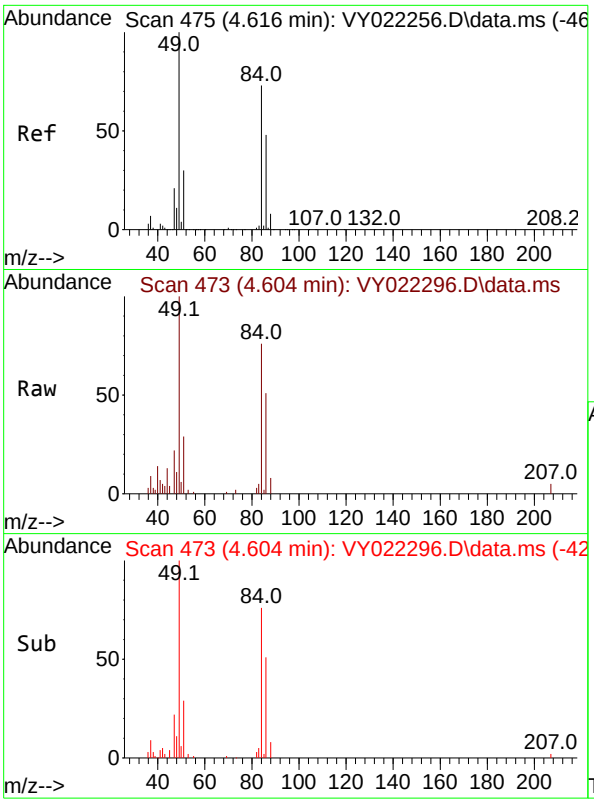


#16
Acetone
Concen: 33.850 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Tgt Ion: 43 Resp: 18365

Ion	Ratio	Lower	Upper
43	100		
58	33.5	23.6	35.4



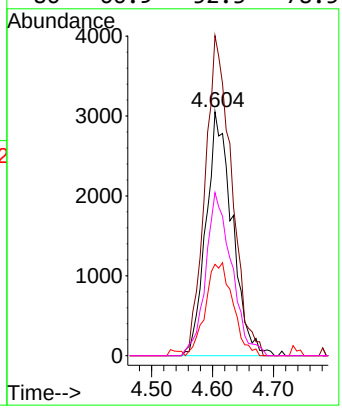


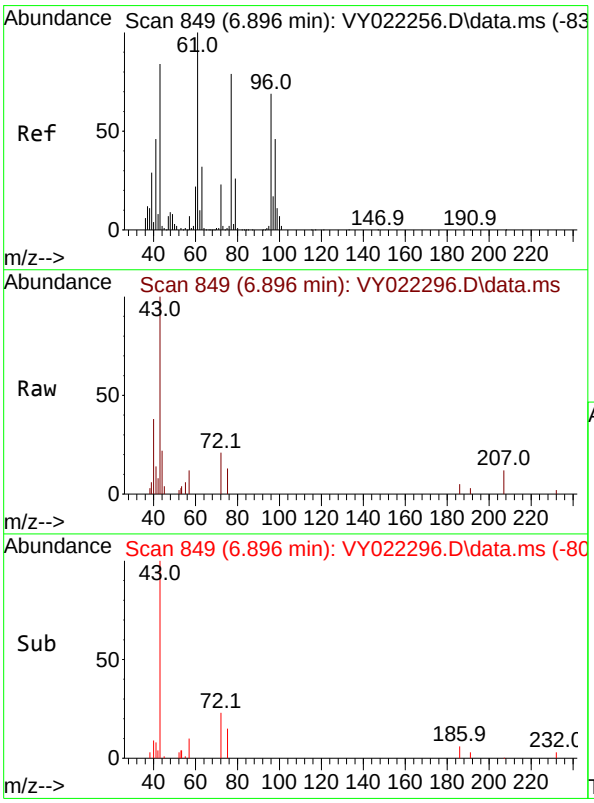
#20
Methylene Chloride
Concen: 2.593 ug/l
RT: 4.604 min Scan# 4
Delta R.T. -0.012 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Tgt Ion: 84 Resp: 9091

Ion	Ratio	Lower	Upper
84	100		
49	131.3	109.6	164.4
51	37.5	32.4	48.6
86	66.9	52.3	78.5

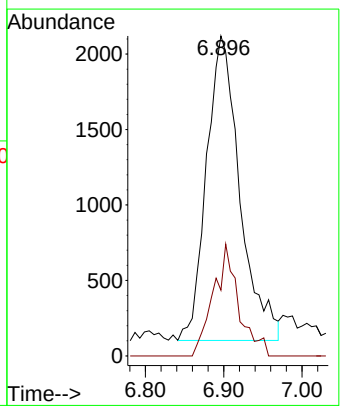


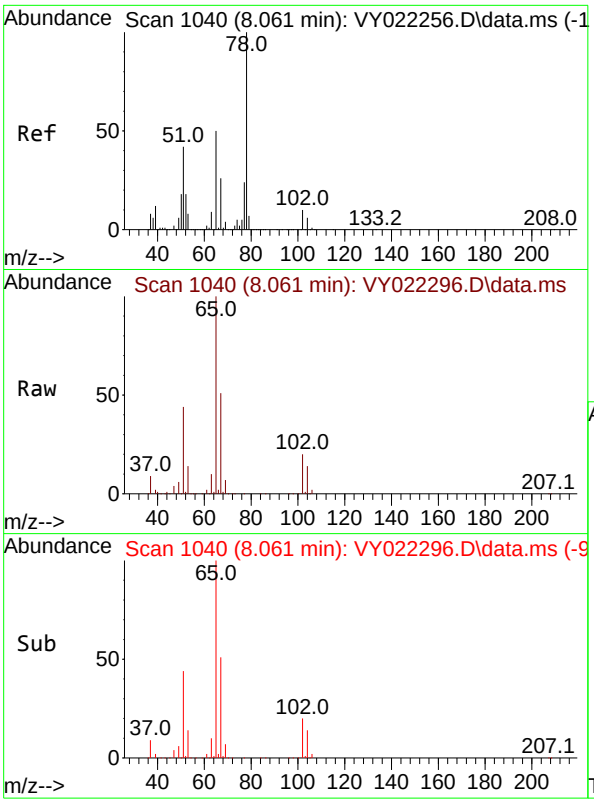


#25
2-Butanone
Concen: 6.569 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Tgt Ion: 43 Resp: 5961

Ion	Ratio	Lower	Upper
43	100		
72	21.6	22.1	33.1#



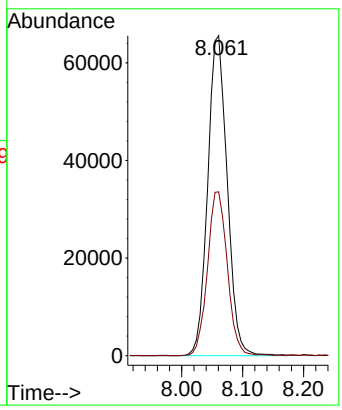


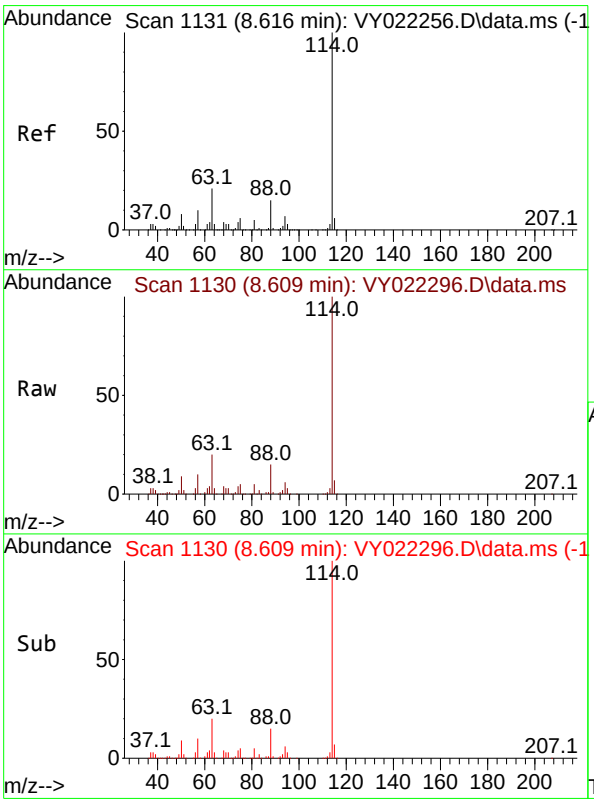
#33
1,2-Dichloroethane-d4
Concen: 50.375 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Tgt Ion: 65 Resp: 145755

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.6

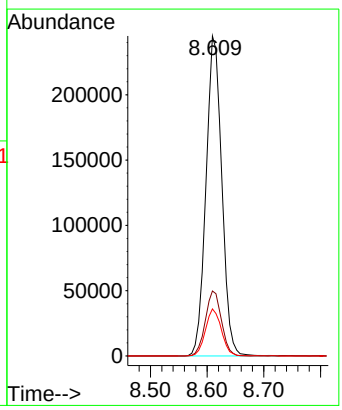


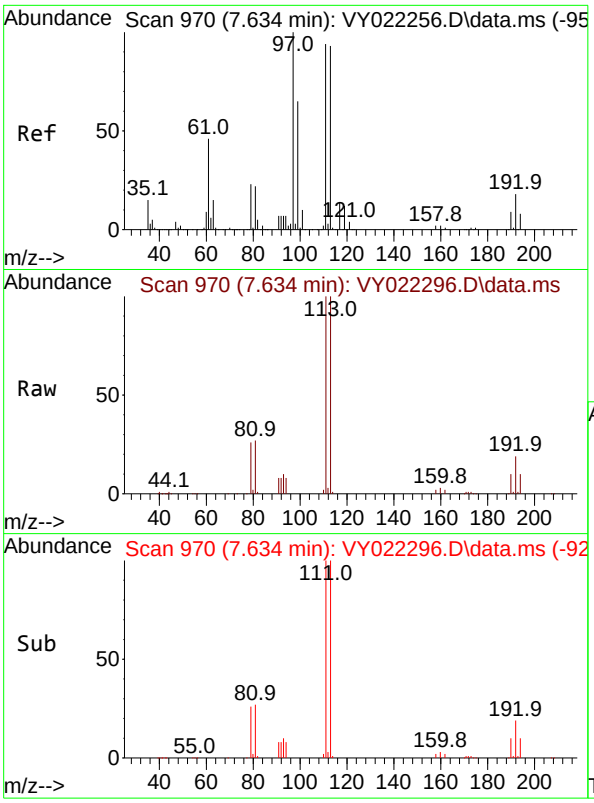


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Tgt Ion:114 Resp: 474666

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.0
88	14.7	0.0	29.4



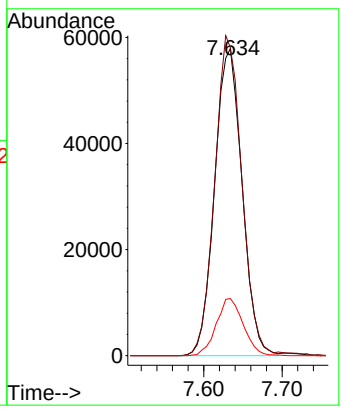


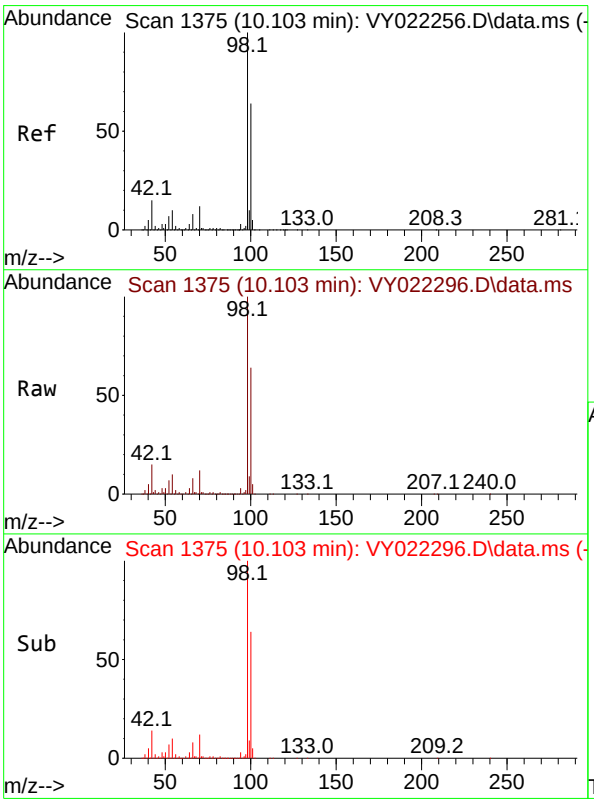
#35
Dibromofluoromethane
Concen: 49.755 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Tgt Ion:113 Resp: 140960

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	18.3	15.2	22.8

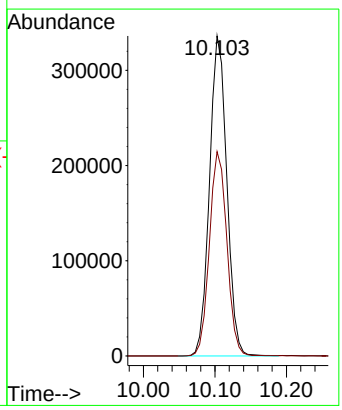


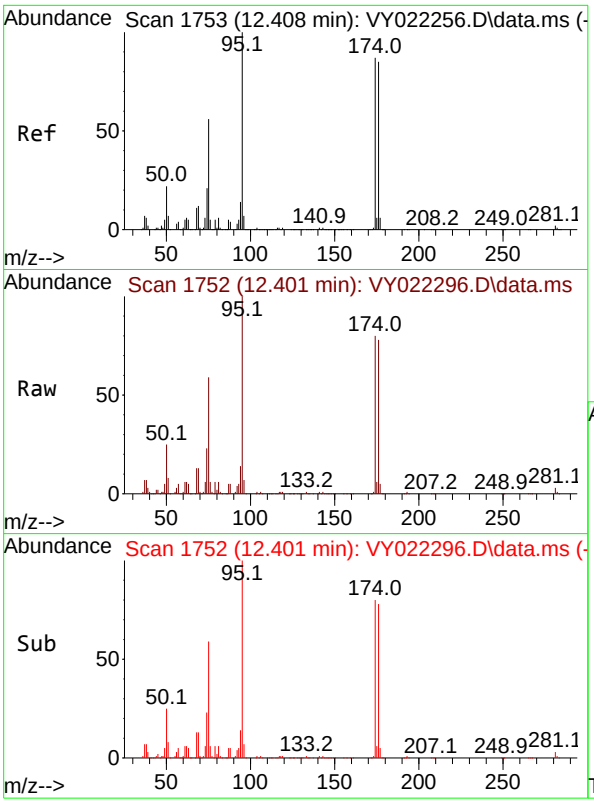


#50
Toluene-d8
Concen: 48.704 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Tgt Ion: 98 Resp: 565113

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8



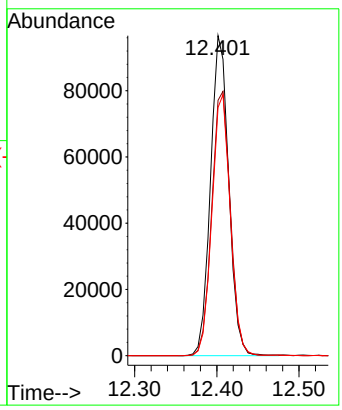


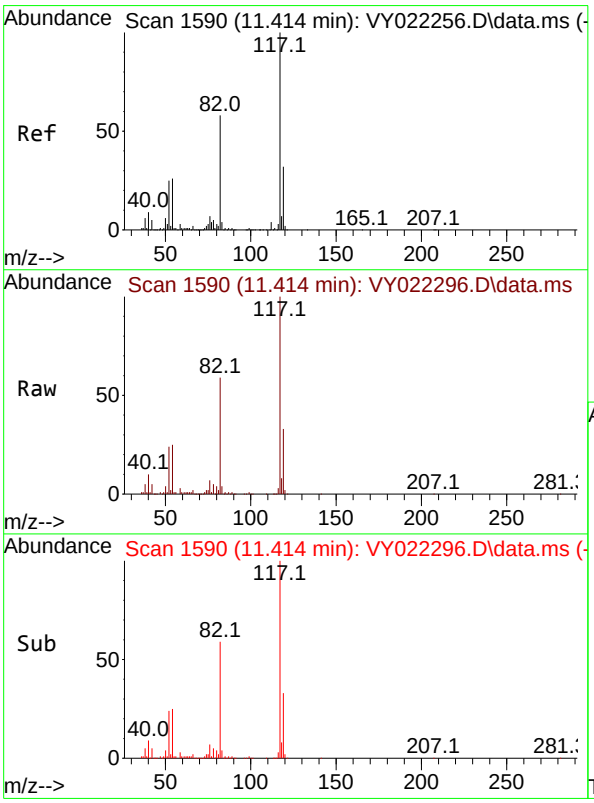
#62
4-Bromofluorobenzene
Concen: 40.455 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Tgt Ion: 95 Resp: 148783

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	166.8
176	82.4	0.0	160.8

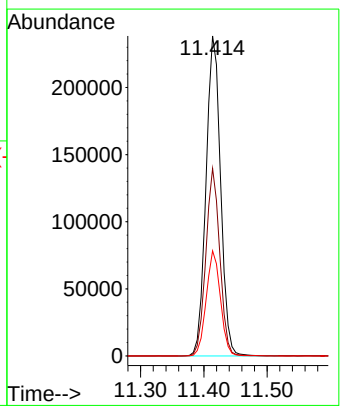


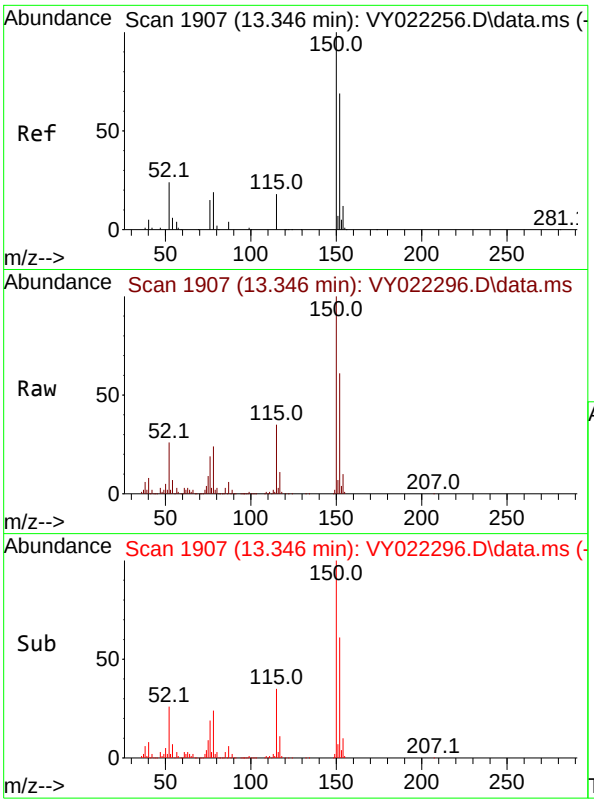


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Tgt Ion:117 Resp: 382466

Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.6	70.0
119	32.9	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022296.D
Acq: 16 May 2025 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-37

Tgt Ion:152 Resp: 139806

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.4	88.2
150	157.7	0.0	353.8