Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
Data File : VY023725.D
Acq On : 10 Nov 2025 19:15
Operator : SY/MD
Sample : Q3587-01
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Quant Time: Nov 11 02:11:57 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	384683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	605252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	483827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	195201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	188030	58.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.900%			
35) Dibromofluoromethane	7.640	113	207184	55.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.420%			
50) Toluene-d8	10.109	98	694270	50.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.408	95	191297	41.836	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.680%			
Target Compounds						Qvalue
20) Methylene Chloride	4.622	84	19285	4.657	ug/l #	91

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

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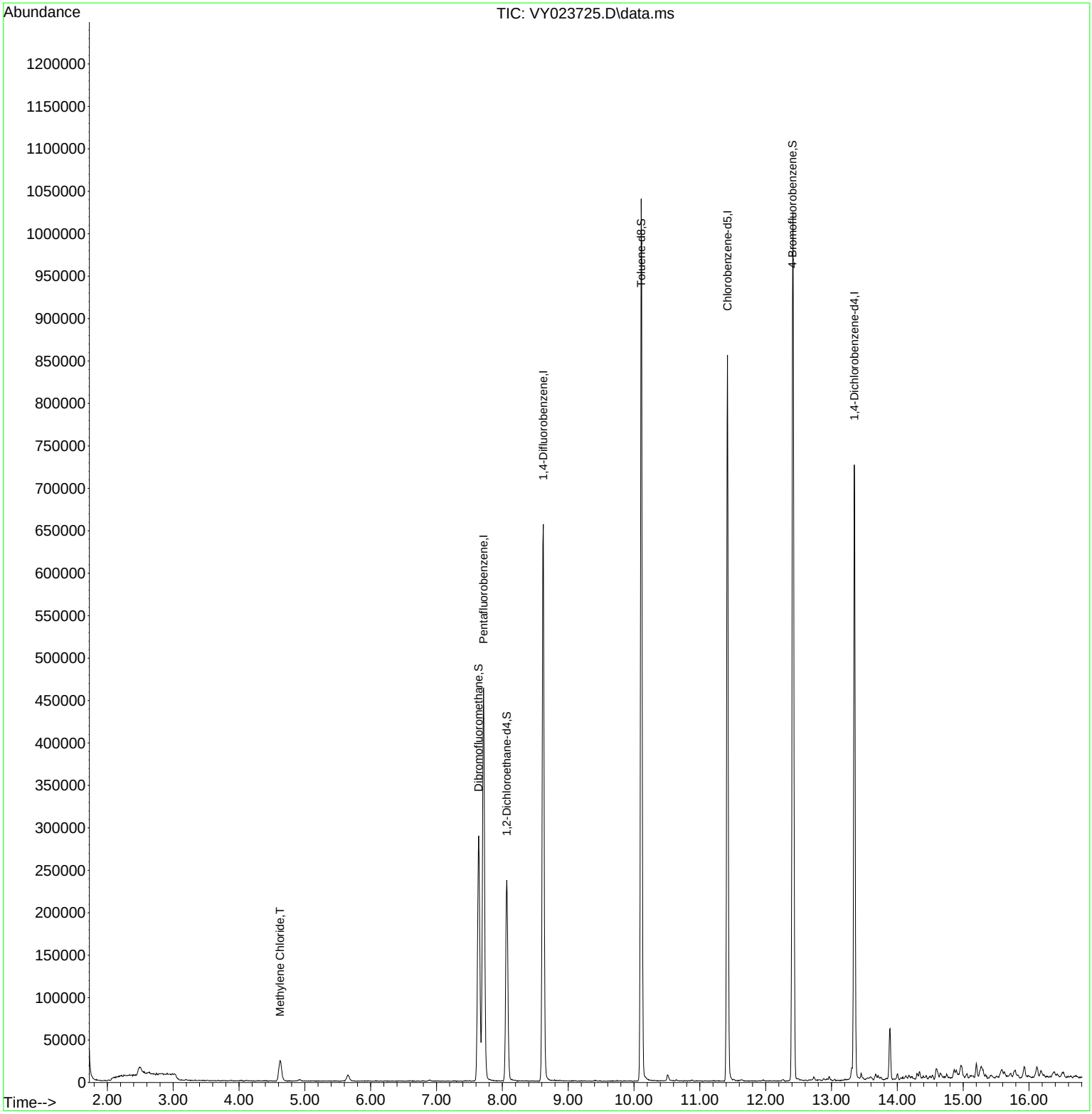
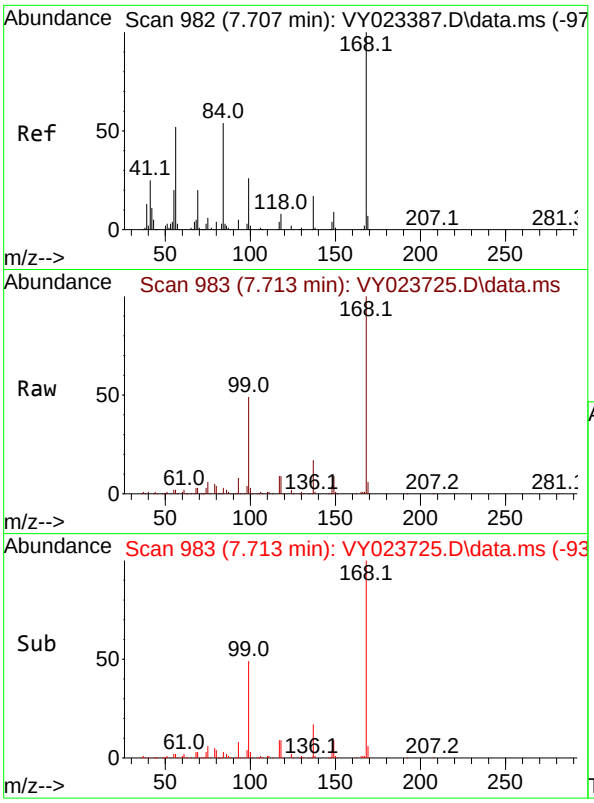


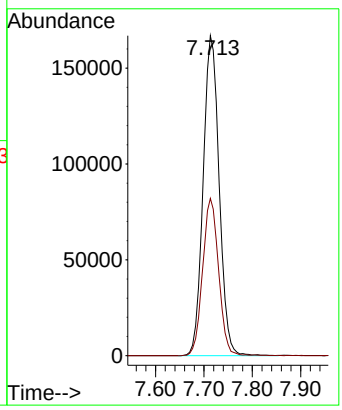


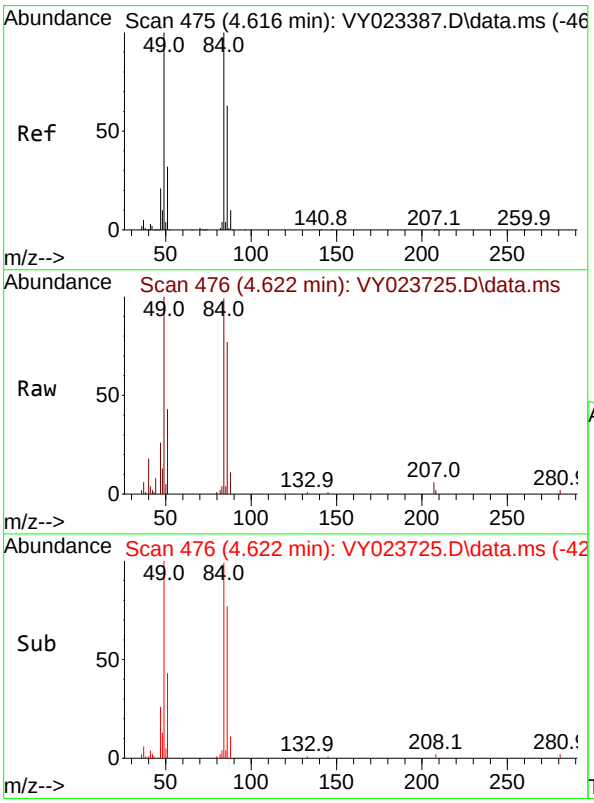
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Tgt Ion:168 Resp: 384683

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.7	59.5

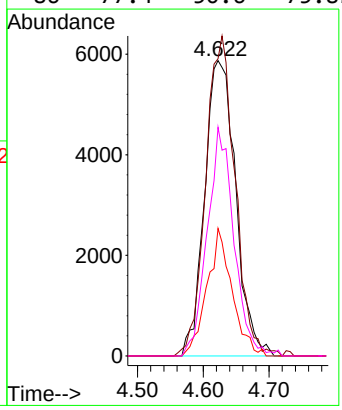


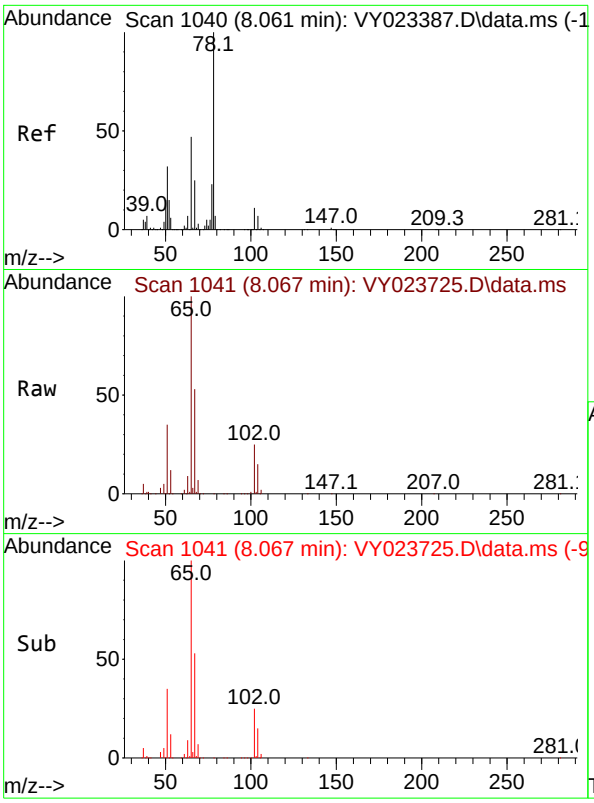


#20
Methylene Chloride
Concen: 4.657 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion: 84 Resp: 19285

Ion	Ratio	Lower	Upper
84	100		
49	99.6	80.2	120.4
51	43.2	25.9	38.9#
86	77.4	50.6	75.8#



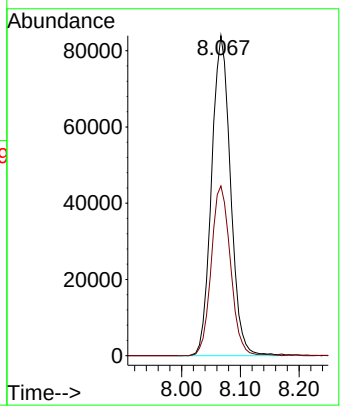


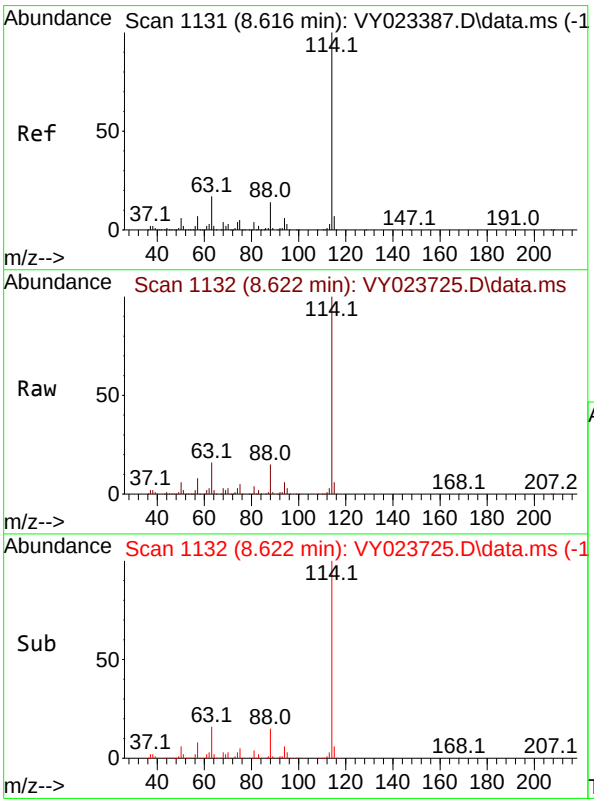
#33
1,2-Dichloroethane-d4
Concen: 58.453 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Tgt Ion: 65 Resp: 188030

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.8

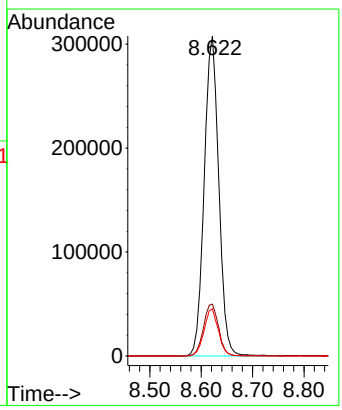


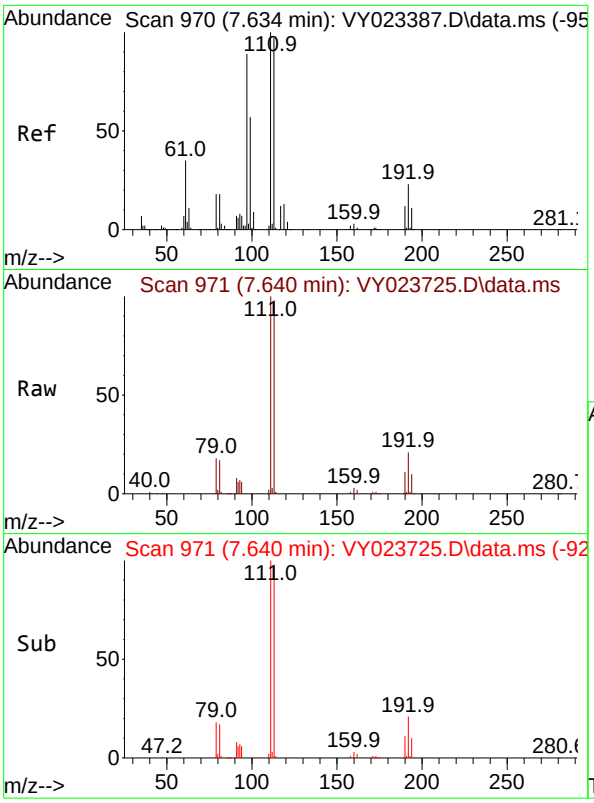


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion:114 Resp: 605252

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	34.2
88	14.7	0.0	28.4



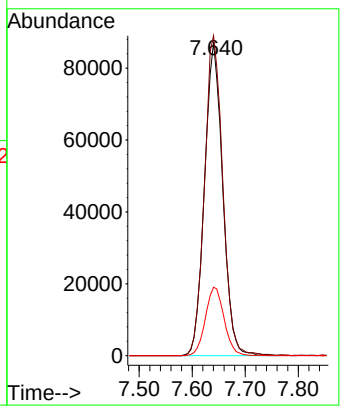


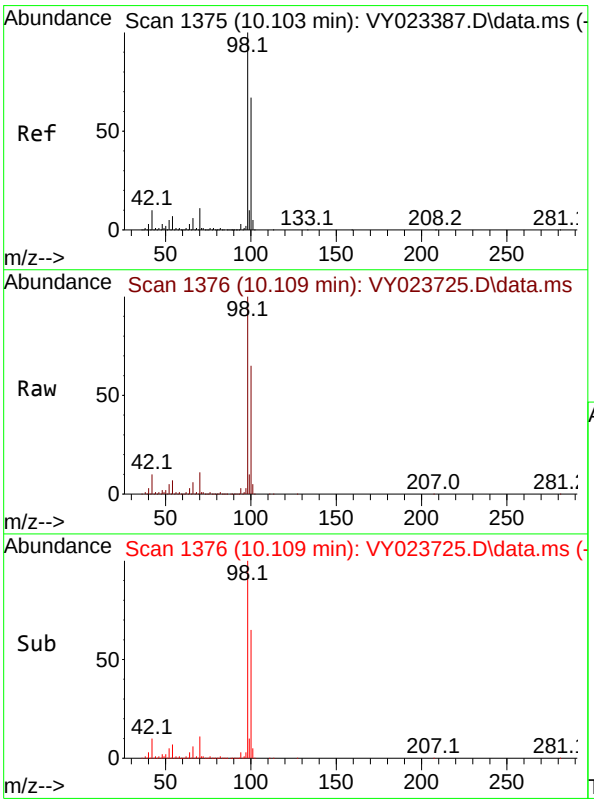
#35
Dibromofluoromethane
Concen: 55.710 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Tgt Ion:113 Resp: 207184

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	22.6	18.0	27.0

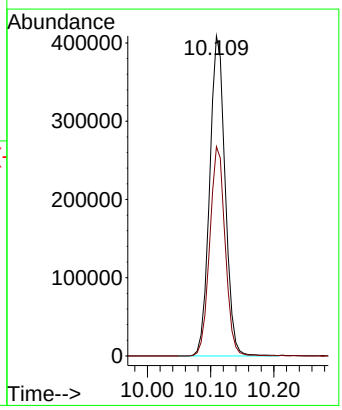


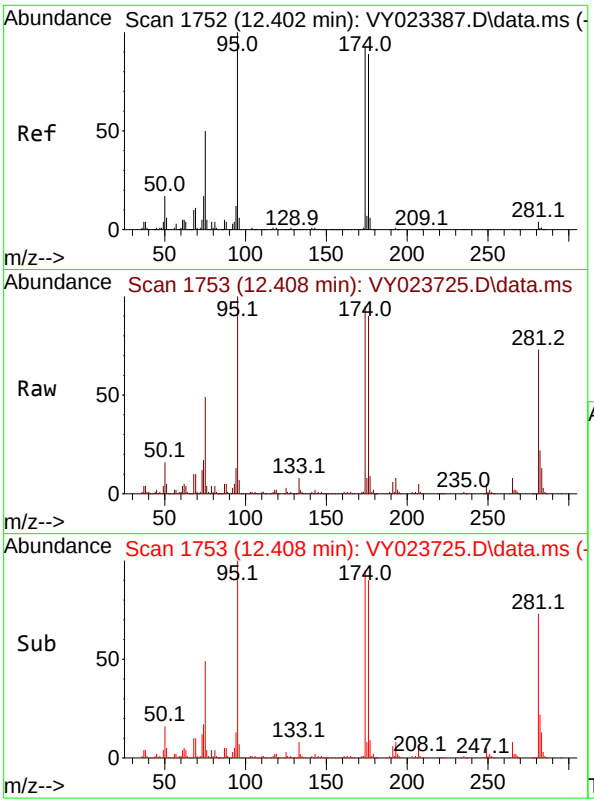


#50
Toluene-d8
Concen: 50.128 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion: 98 Resp: 694270

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.4



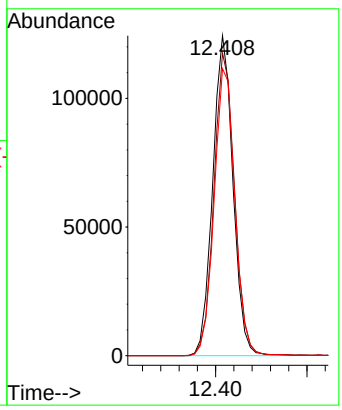


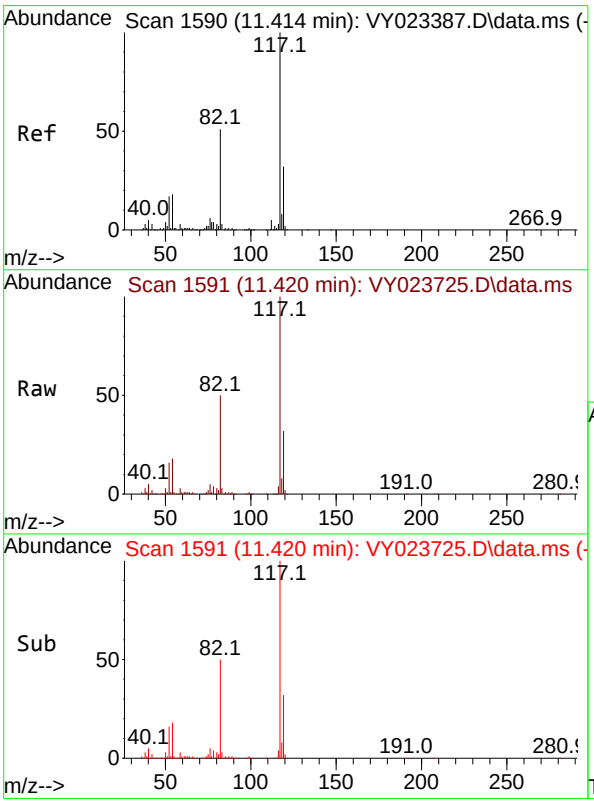
#62
4-Bromofluorobenzene
Concen: 41.836 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Tgt Ion: 95 Resp: 191297

Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	192.8
176	92.0	0.0	187.6

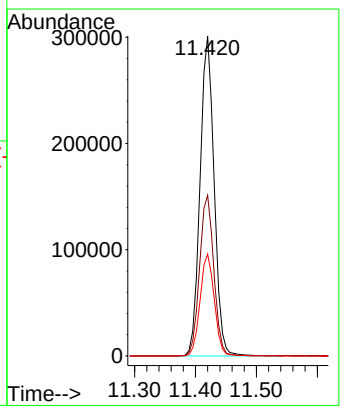


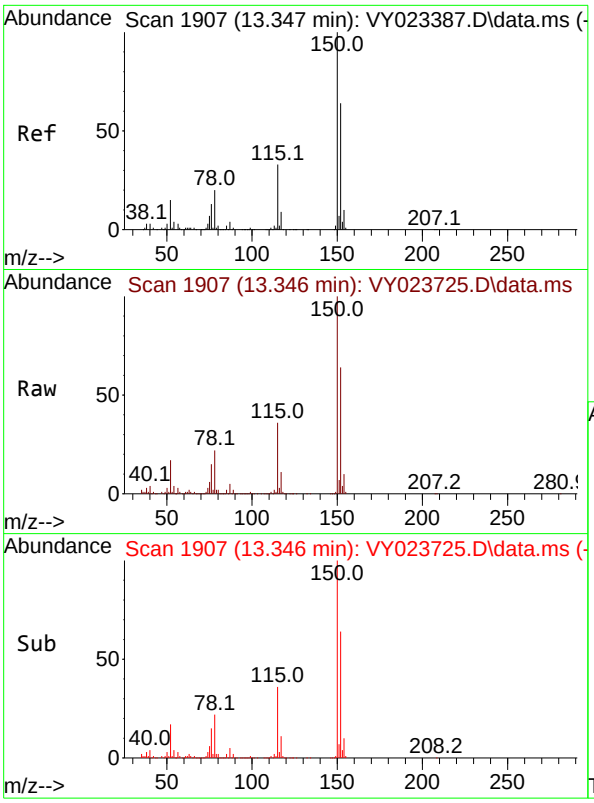


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Tgt Ion:117 Resp: 483827

Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.0	61.4
119	31.9	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023725.D
Acq: 10 Nov 2025 19:15

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-110725

Tgt Ion:152 Resp: 195201

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.2
150	156.6	0.0	347.4