Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021463.D
Acq On : 07 Mar 2025 16:02
Operator : SY/MD
Sample : Q1514-03
Misc : 6.94g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB02

Quant Time: Mar 07 22:02:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	257690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	475421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	422963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	154784	56.830	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.660%			
35) Dibromofluoromethane	7.634	113	158546	50.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.460%			
50) Toluene-d8	10.109	98	579949	49.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.020%			
62) 4-Bromofluorobenzene	12.407	95	175139	43.514	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.020%			
Target Compounds						Qvalue
16) Acetone	3.866	43	21125	35.561	ug/l	94
20) Methylene Chloride	4.616	84	11244	3.606	ug/l	97
25) 2-Butanone	6.902	43	7253	8.826	ug/l	90

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

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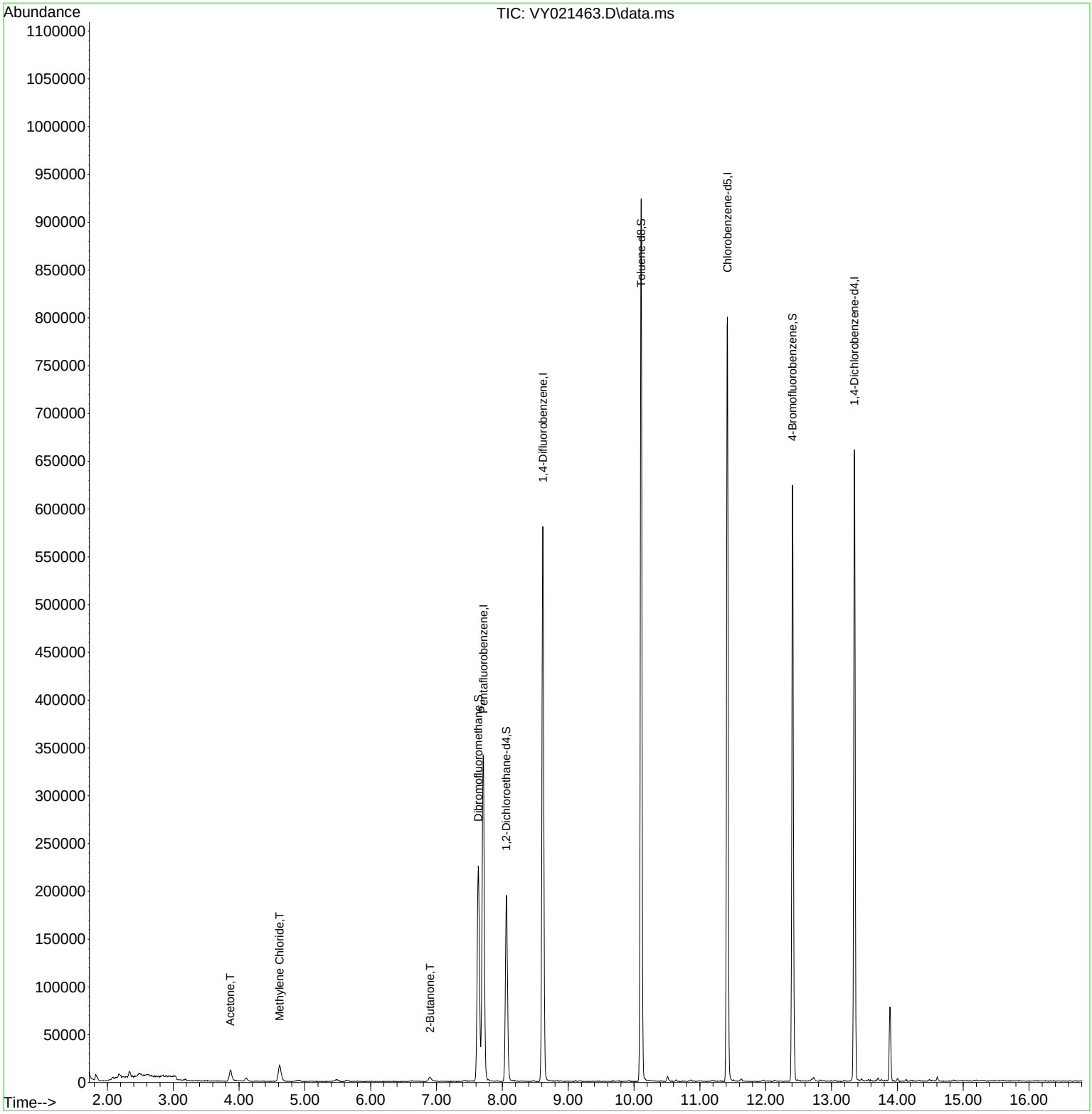
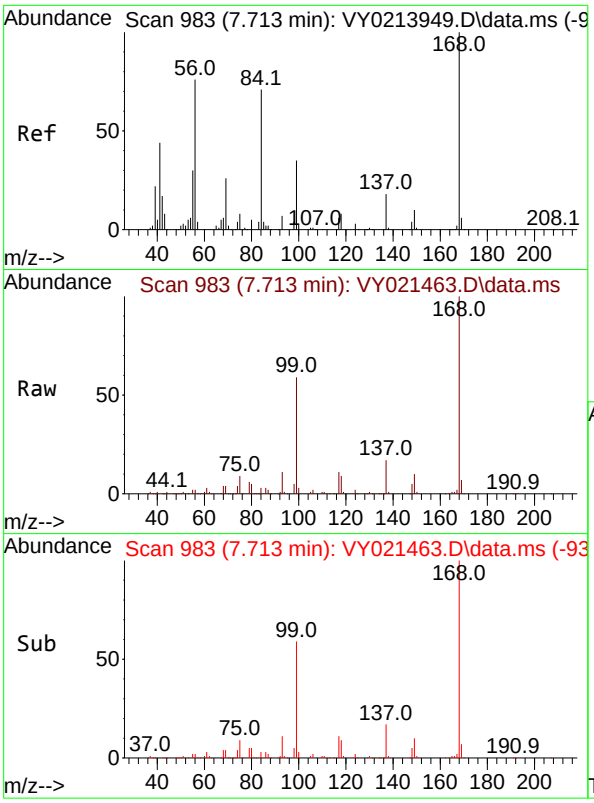


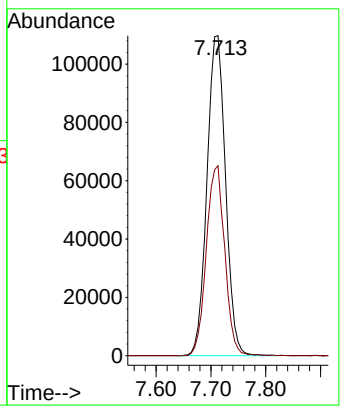


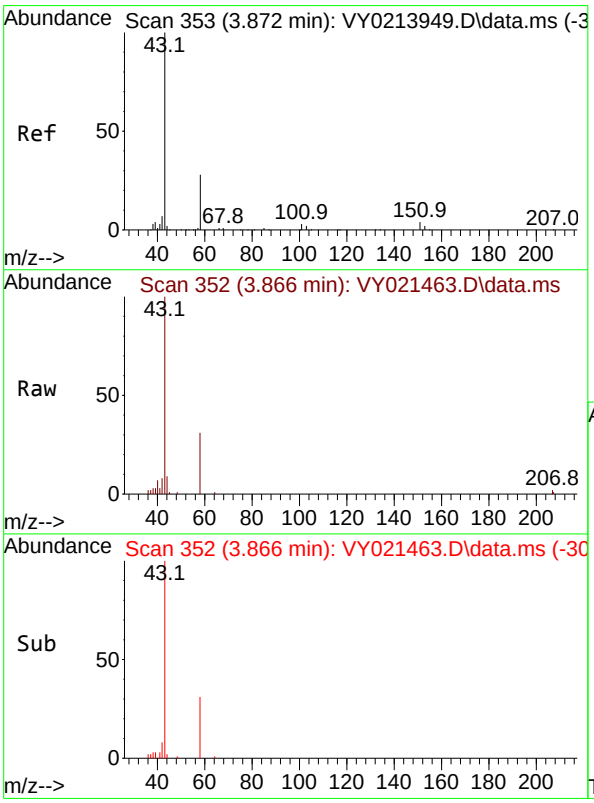
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB02

Tgt Ion:168 Resp: 257690

Ion	Ratio	Lower	Upper
168	100		
99	59.4	46.0	69.0

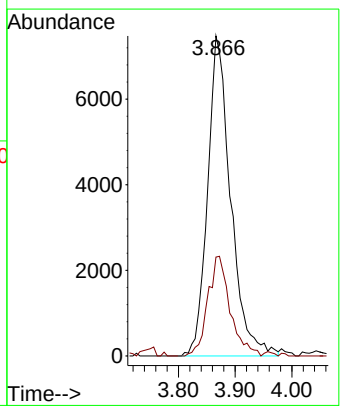


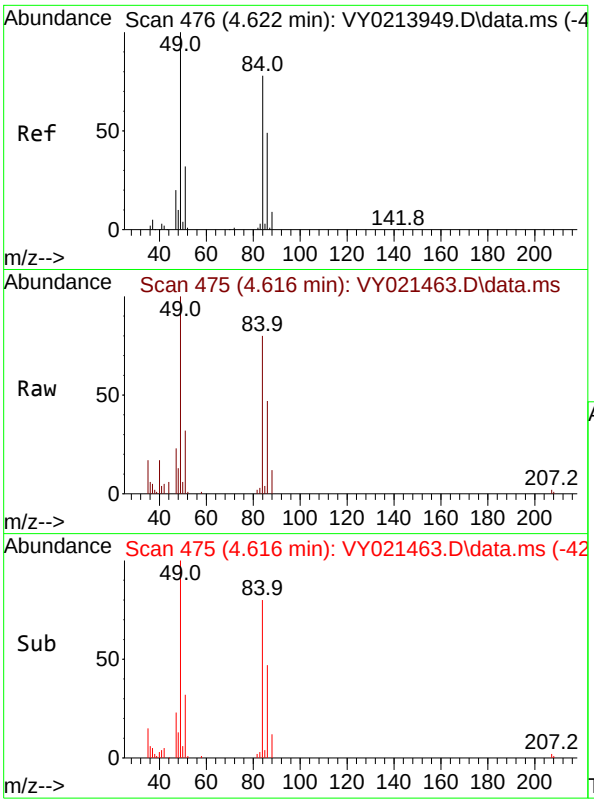


#16
Acetone
Concen: 35.561 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Tgt Ion: 43 Resp: 21125

Ion	Ratio	Lower	Upper
43	100		
58	30.9	22.1	33.1



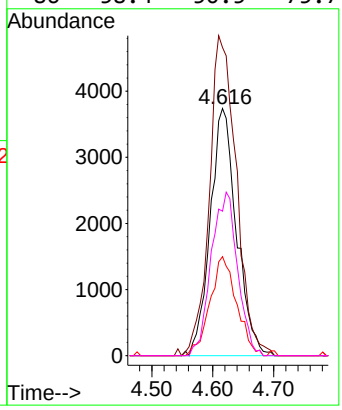


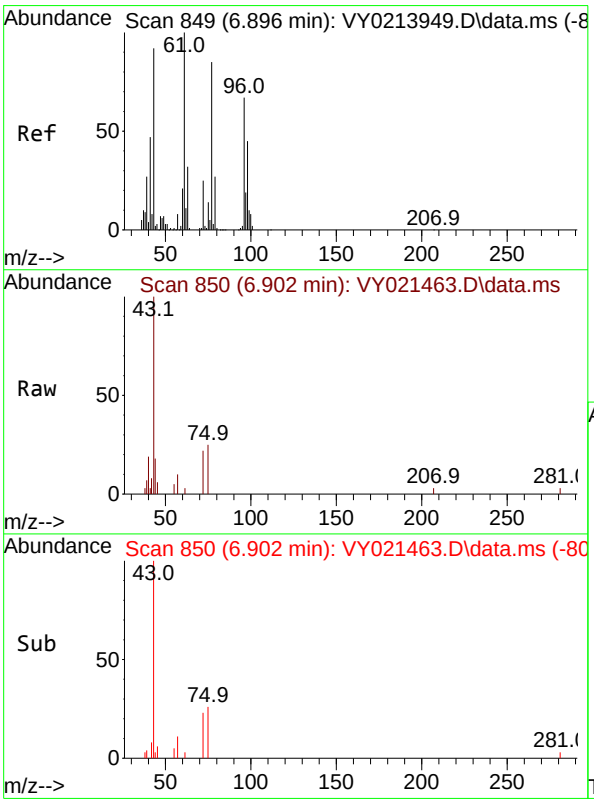
#20
Methylene Chloride
Concen: 3.606 ug/l
RT: 4.616 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB02

Tgt Ion: 84 Resp: 11244

Ion	Ratio	Lower	Upper
84	100		
49	124.6	102.0	153.0
51	40.0	33.0	49.6
86	58.4	50.5	75.7

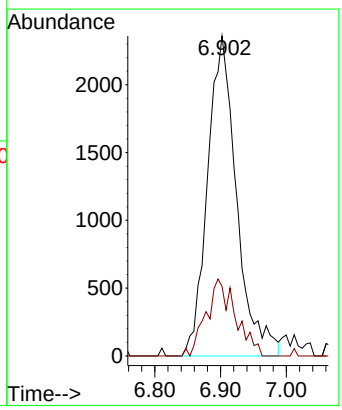


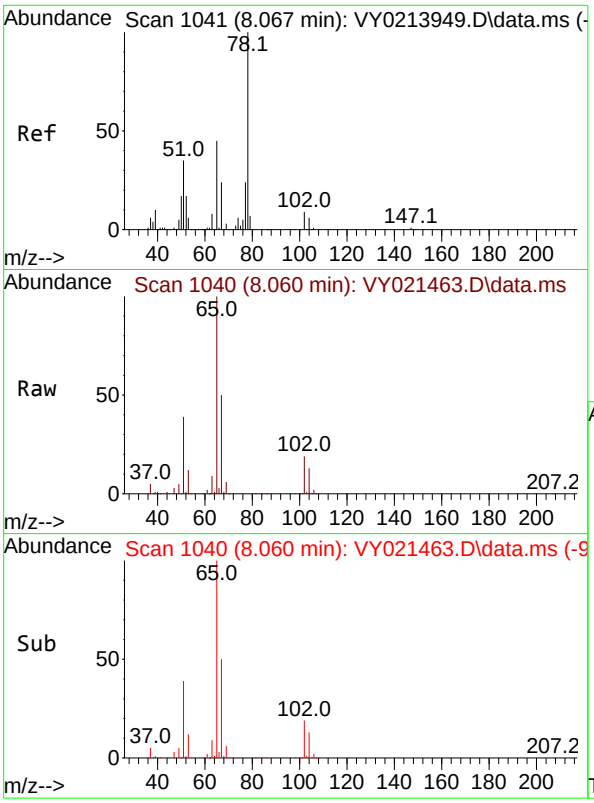


#25
2-Butanone
Concen: 8.826 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Tgt Ion: 43 Resp: 7253

Ion	Ratio	Lower	Upper
43	100		
72	21.7	21.4	32.0



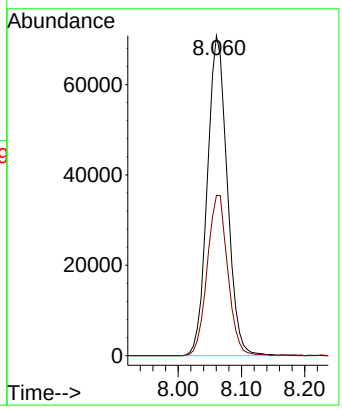


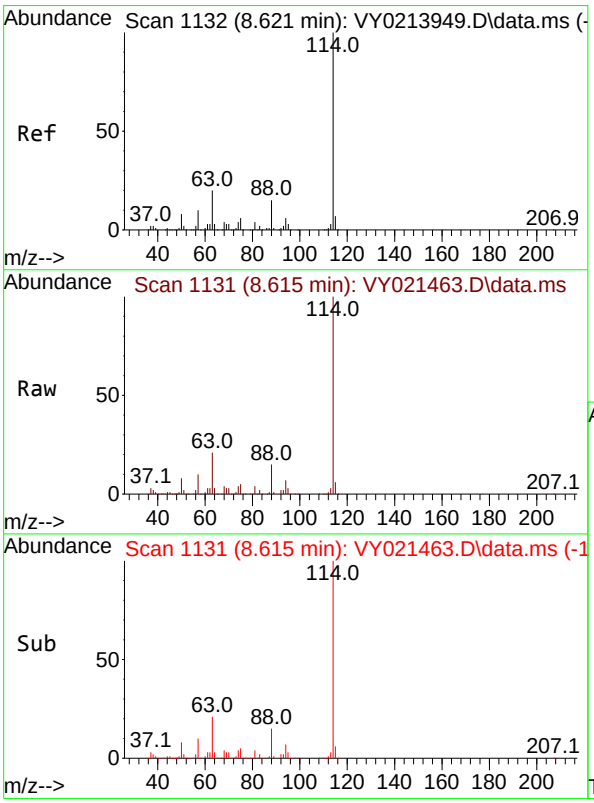
#33
1,2-Dichloroethane-d4
Concen: 56.830 ug/l
RT: 8.060 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB02

Tgt Ion: 65 Resp: 154784

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.8

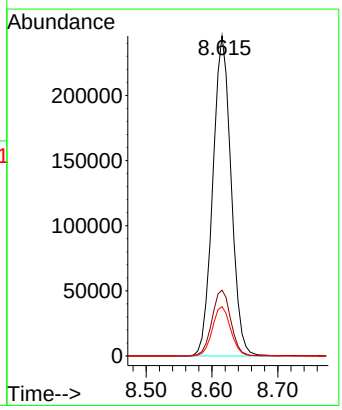


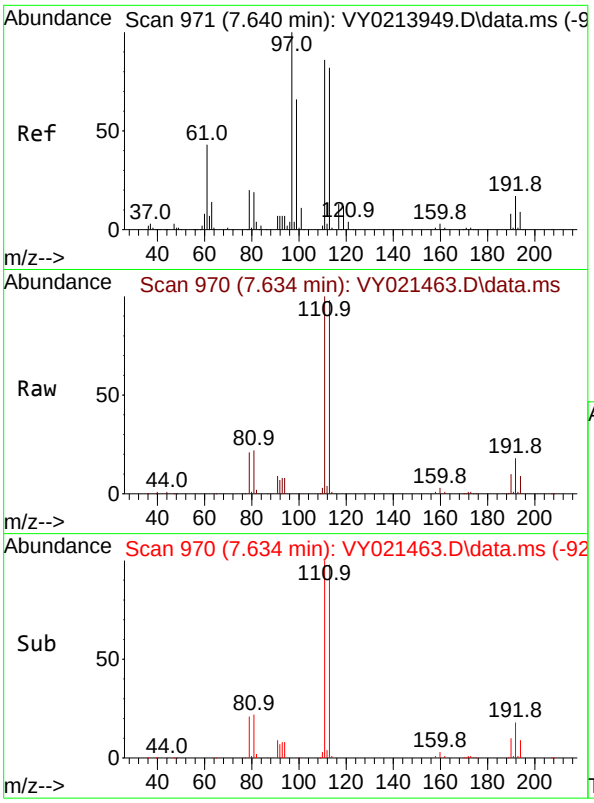


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Tgt Ion:114 Resp: 475421

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.4	0.0	30.8



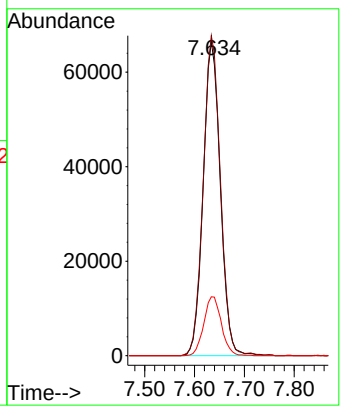


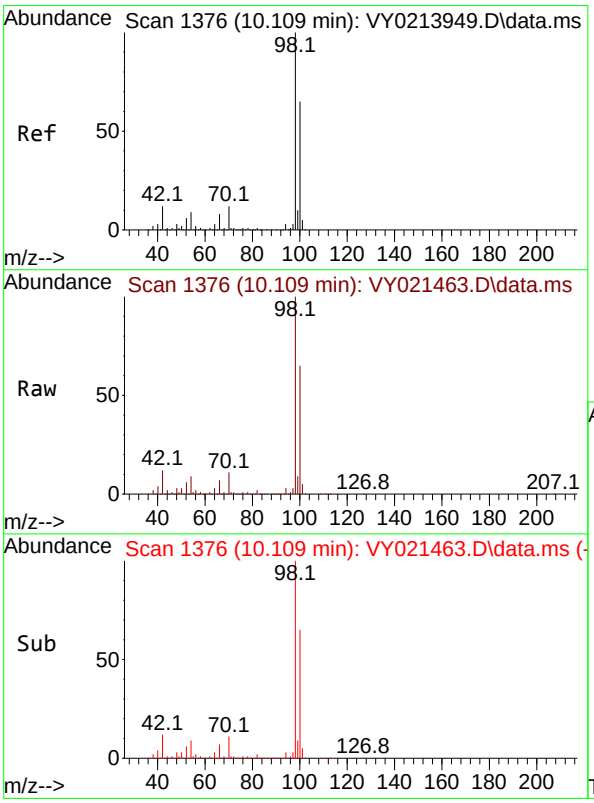
#35
Dibromofluoromethane
Concen: 50.735 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB02

Tgt Ion:113 Resp: 158546

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	19.3	15.9	23.9

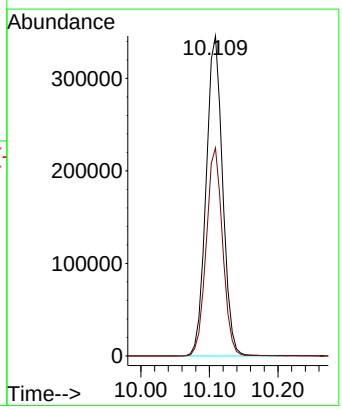


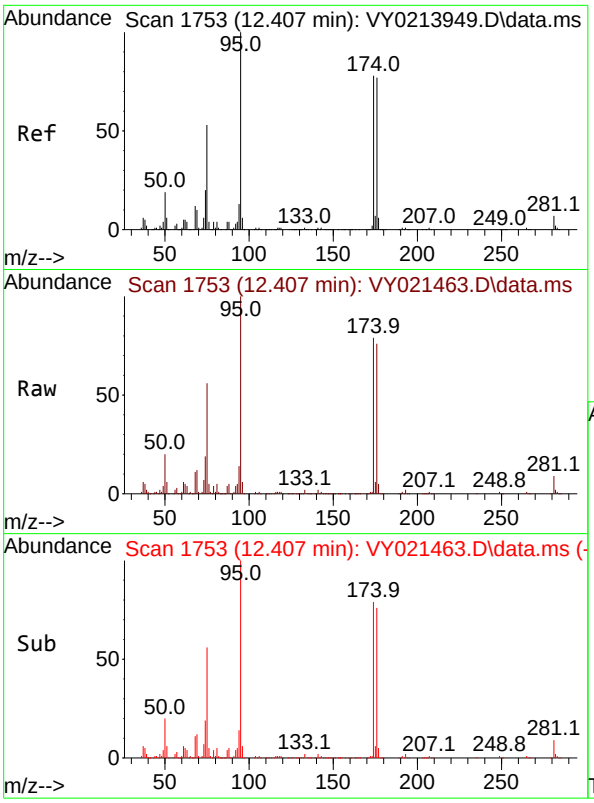


#50
Toluene-d8
Concen: 49.014 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Tgt Ion: 98 Resp: 579949

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1



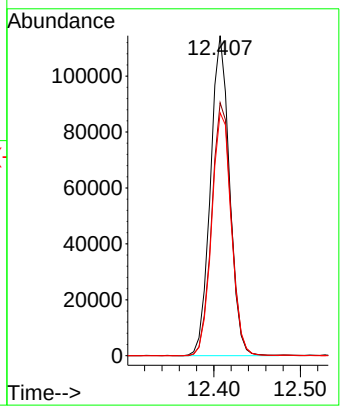


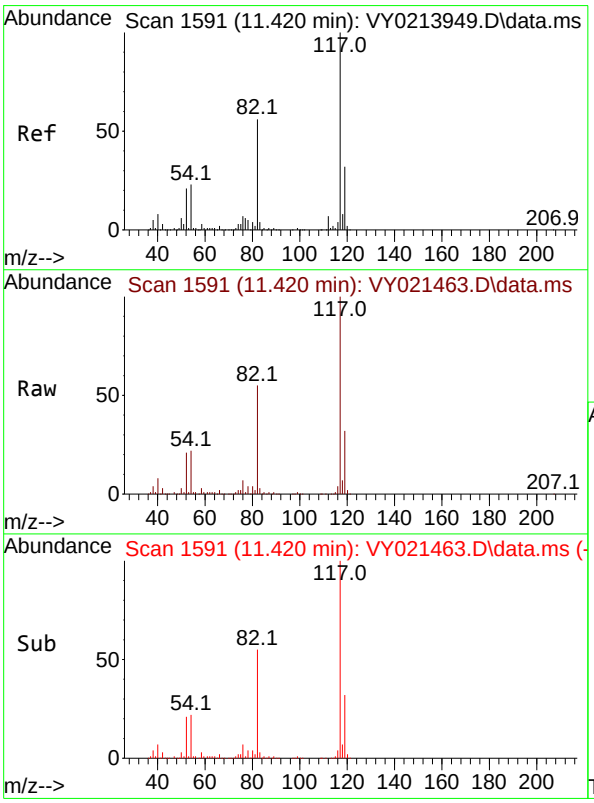
#62
4-Bromofluorobenzene
Concen: 43.514 ug/l
RT: 12.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB02

Tgt Ion: 95 Resp: 175139

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	165.0
176	78.1	0.0	160.0

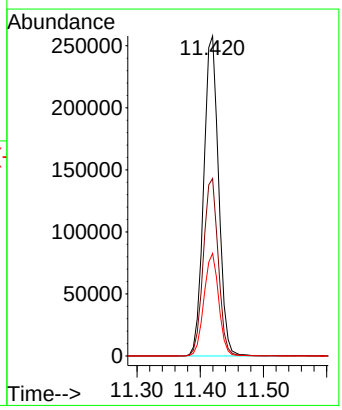


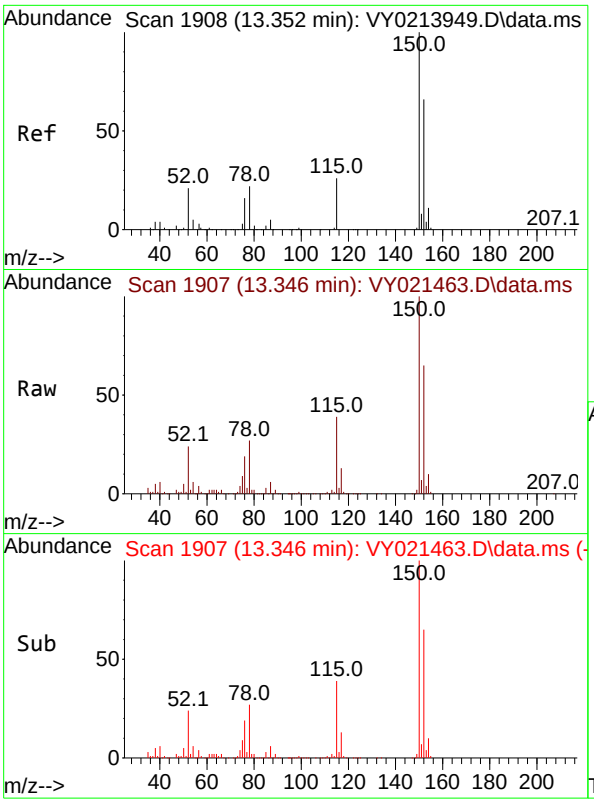


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Tgt Ion:117 Resp: 422963

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.6	67.0
119	32.0	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021463.D
Acq: 07 Mar 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :
ENV-105-SB02

Tgt Ion:152 Resp: 163964

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.0	87.0
150	156.6	0.0	347.2