Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021461.D
Acq On : 07 Mar 2025 15:15
Operator : SY/MD
Sample : Q1488-11
Misc : 6.22g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB02

Quant Time: Mar 07 22:02:02 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	7.707	168	263229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	450669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	63186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153458	55.158	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.320%			
35) Dibromofluoromethane	7.634	113	154689	52.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.440%			
50) Toluene-d8	10.109	98	496396	44.257	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.520%			
62) 4-Bromofluorobenzene	12.408	95	100255	26.277	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 52.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	27141	140.139	ug/l	97
16) Acetone	3.867	43	94589	155.877	ug/l	92
17) Carbon Disulfide	4.104	76	10898	1.286	ug/l	98
20) Methylene Chloride	4.610	84	13740	4.314	ug/l	96

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

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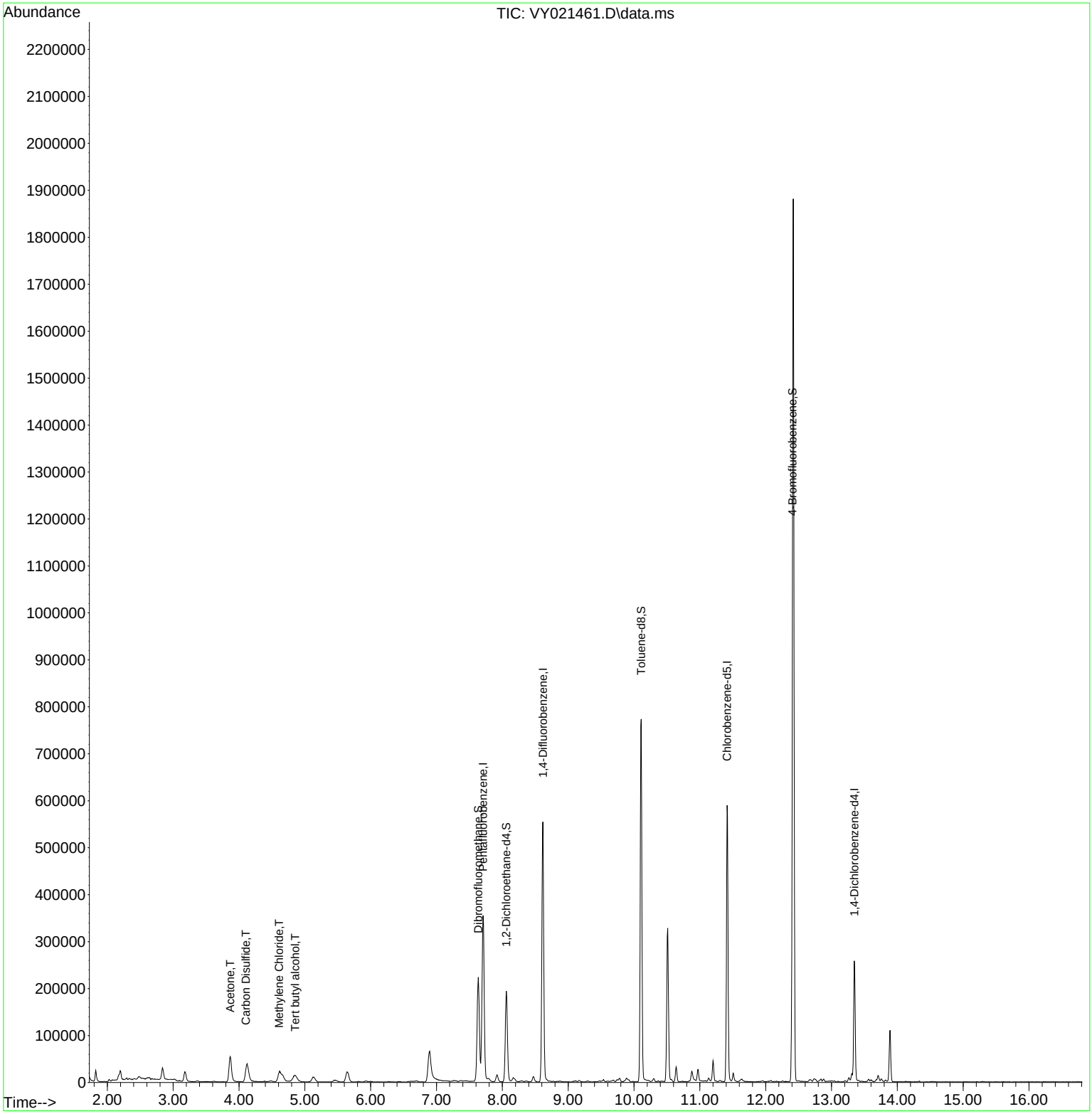
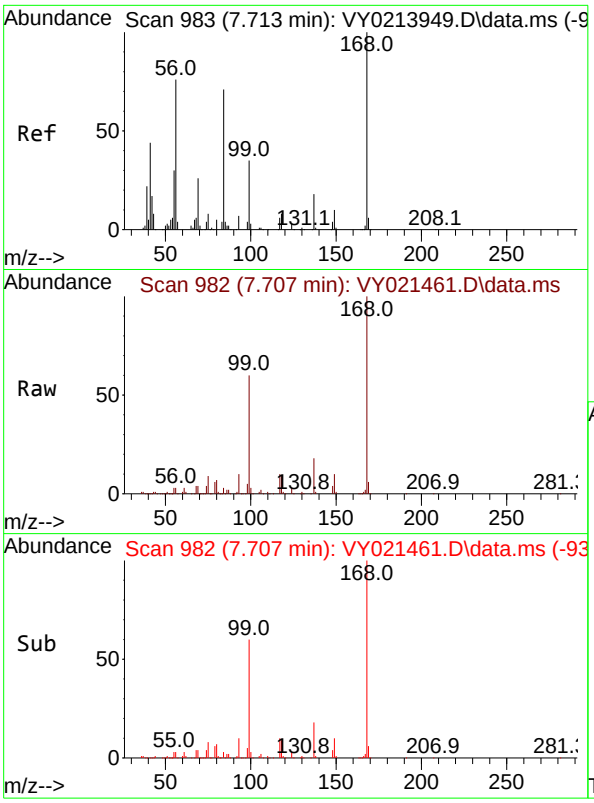


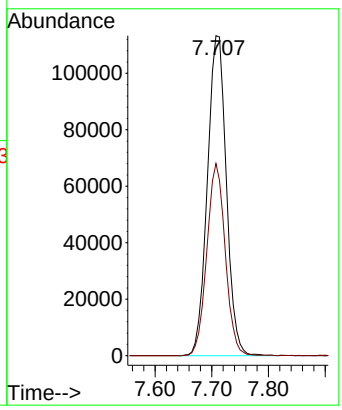


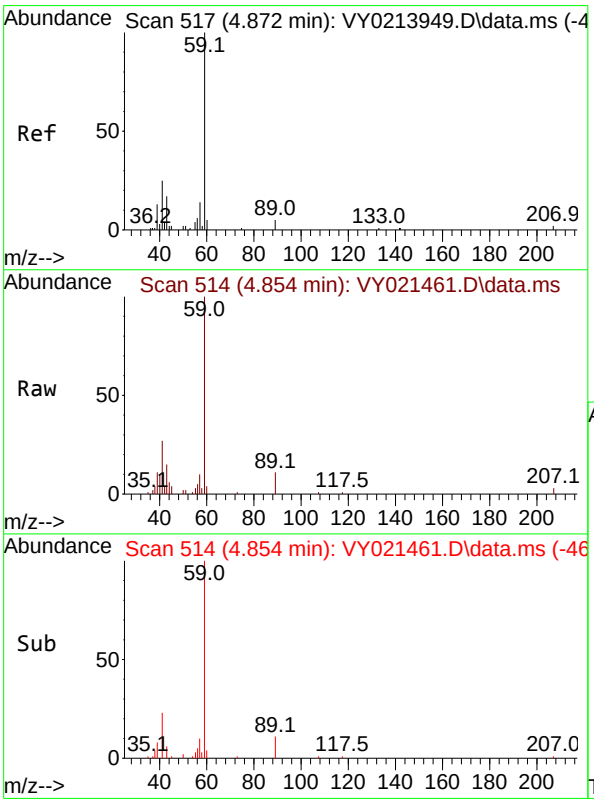
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB02

Tgt Ion:168 Resp: 263229

Ion	Ratio	Lower	Upper
168	100		
99	60.0	46.0	69.0

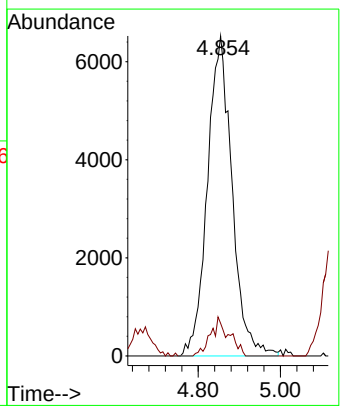


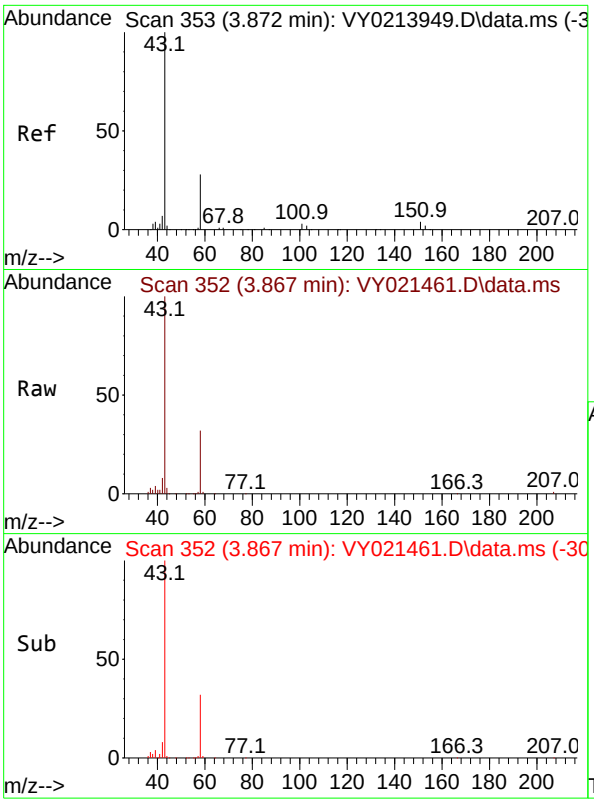


#11
Tert butyl alcohol
Concen: 140.139 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Tgt Ion: 59 Resp: 27141

Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.2	12.4



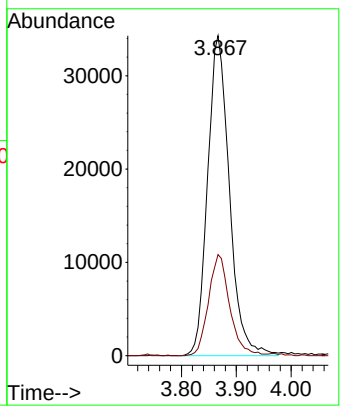


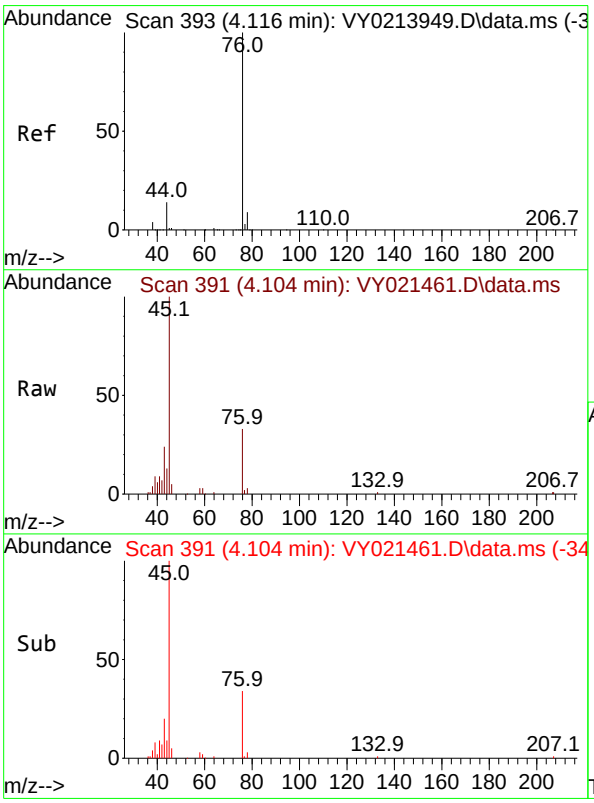
#16
Acetone
Concen: 155.877 ug/l
RT: 3.867 min Scan# 3
Delta R.T. -0.005 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB02

Tgt Ion: 43 Resp: 94589

Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.1	33.1

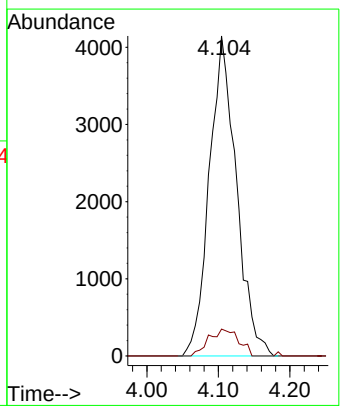


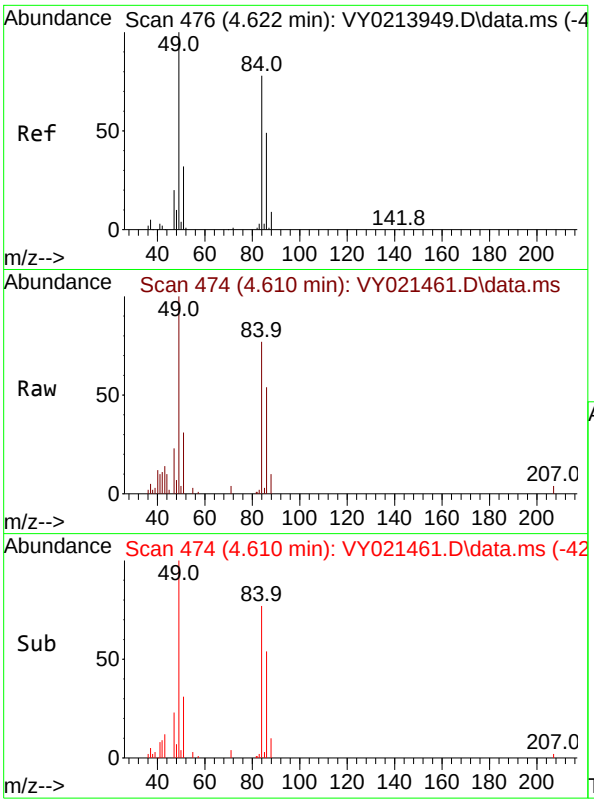


#17
Carbon Disulfide
Concen: 1.286 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Tgt Ion: 76 Resp: 10898

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0





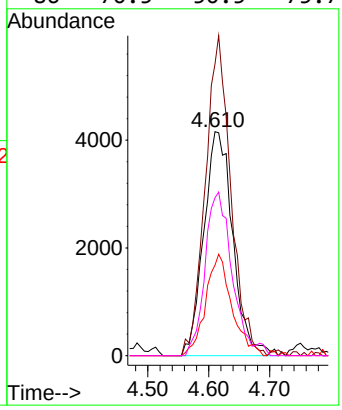
#20
Methylene Chloride
Concen: 4.314 ug/l
RT: 4.610 min Scan# 4

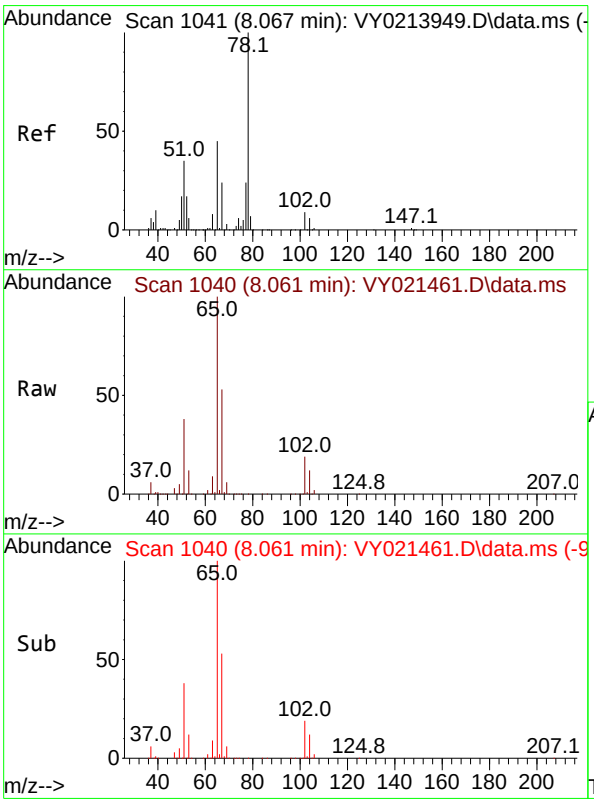
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB02

Delta R.T. -0.012 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Tgt Ion: 84 Resp: 13740

Ion	Ratio	Lower	Upper
84	100		
49	130.2	102.0	153.0
51	40.4	33.0	49.6
86	70.5	50.5	75.7

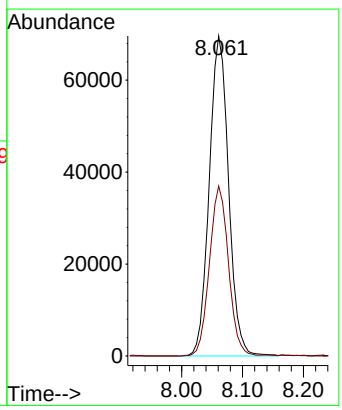


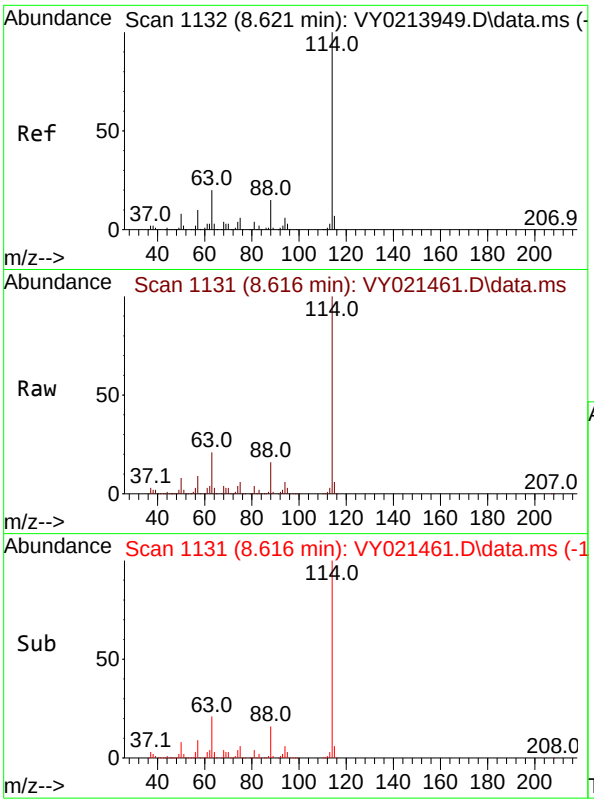


#33
1,2-Dichloroethane-d4
Concen: 55.158 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Tgt Ion: 65 Resp: 153458

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.8



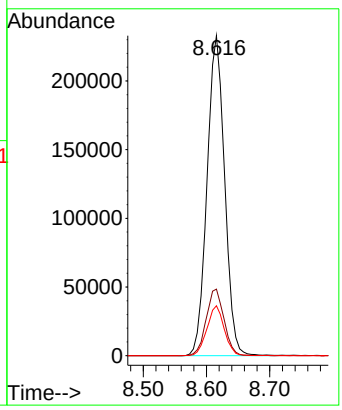


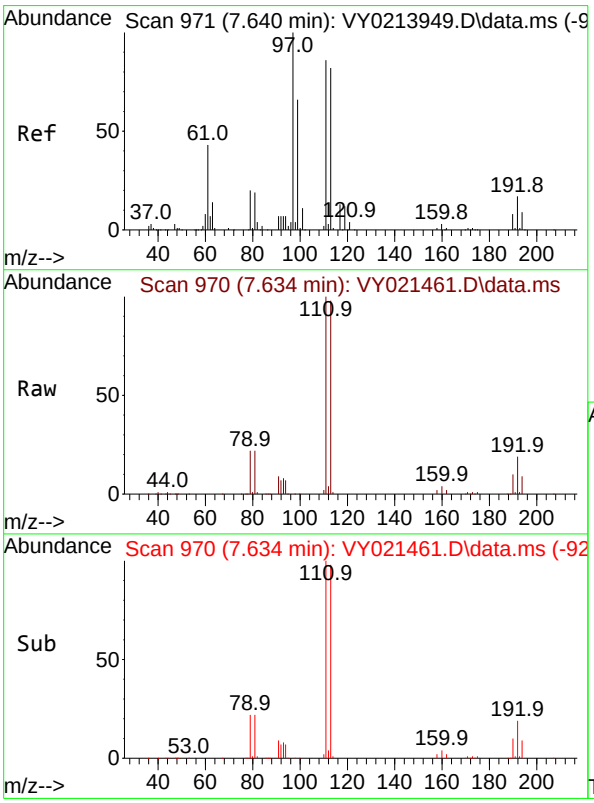
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB02

Tgt Ion:114 Resp: 450669

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.6	0.0	30.8

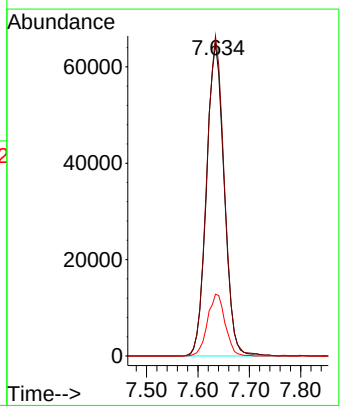


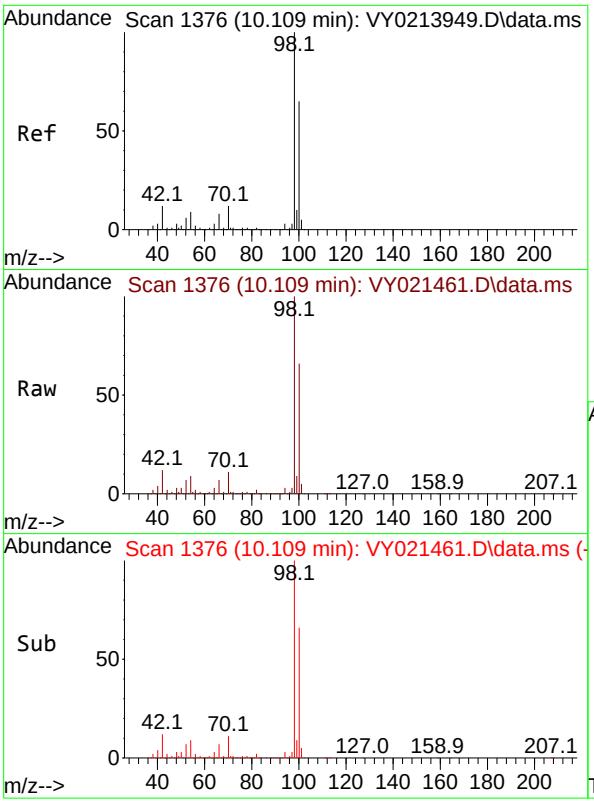


#35
Dibromofluoromethane
Concen: 52.219 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Tgt Ion:113 Resp: 154689

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	19.7	15.9	23.9



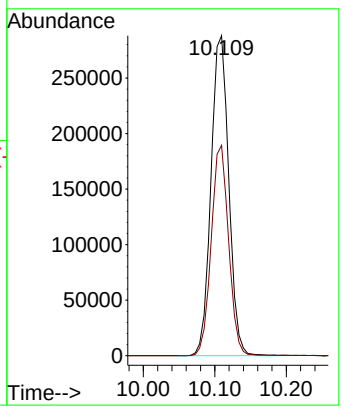


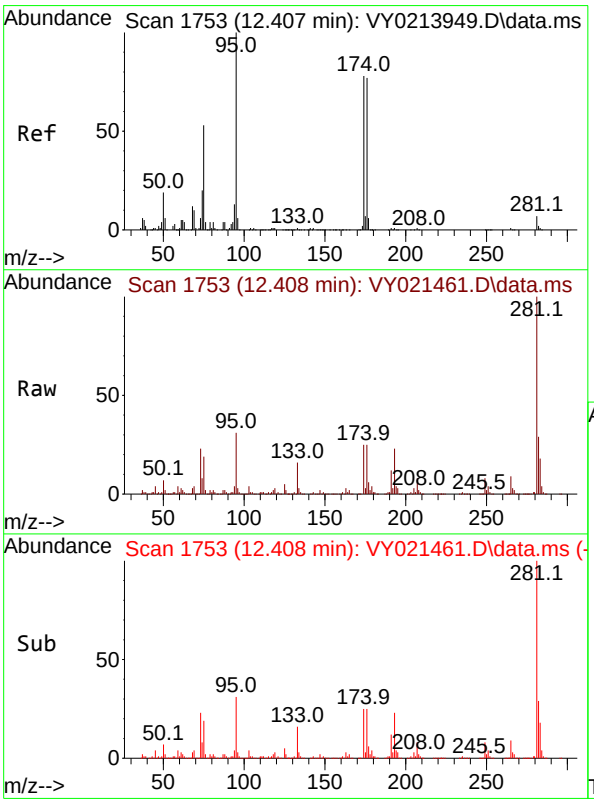
#50
Toluene-d8
Concen: 44.257 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB02

Tgt Ion: 98 Resp: 496396

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1

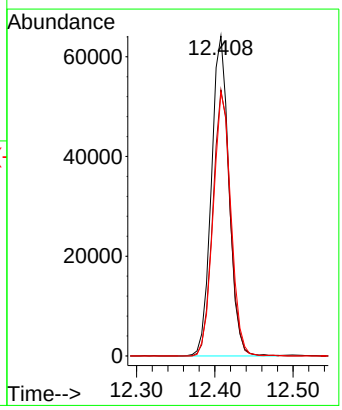


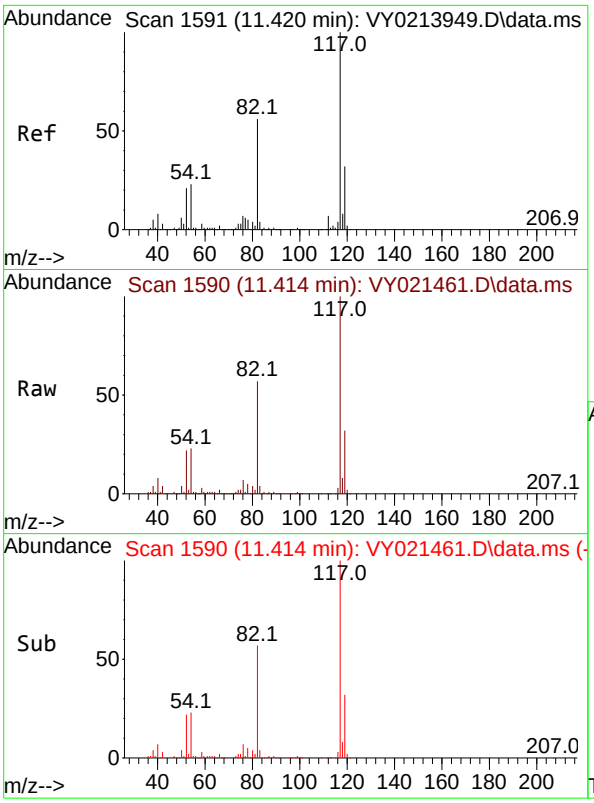


#62
4-Bromofluorobenzene
Concen: 26.277 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Tgt Ion: 95 Resp: 100255

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	165.0
176	83.4	0.0	160.0



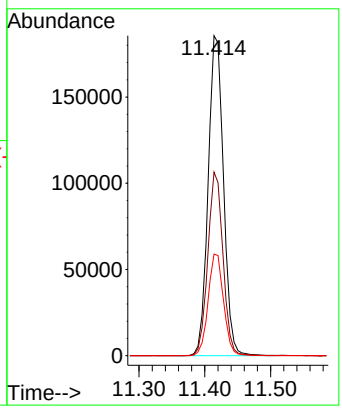


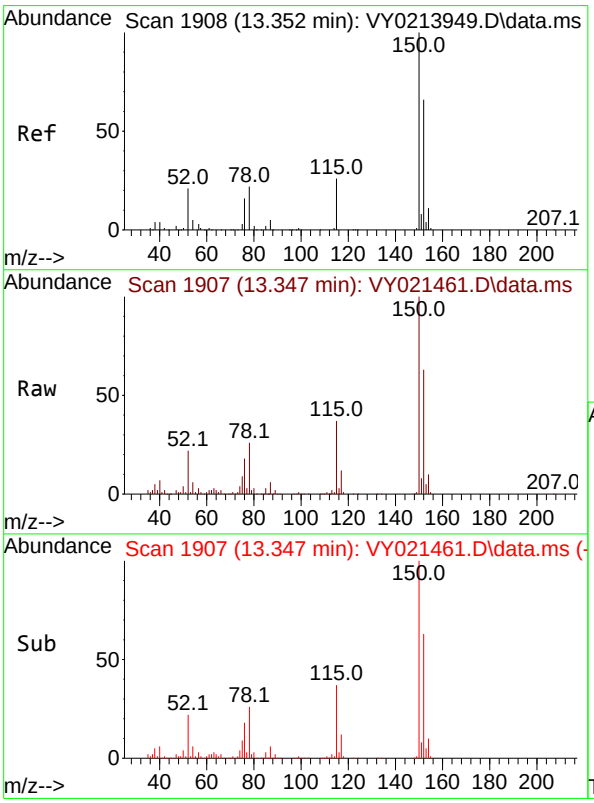
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB02

Tgt Ion:117 Resp: 301719

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	67.0
119	31.8	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021461.D
Acq: 07 Mar 2025 15:15

Tgt Ion:152 Resp: 63186

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.0	87.0
150	156.6	0.0	347.2