Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
Data File : VY021552.D
Acq On : 17 Mar 2025 15:55
Operator : SY/MD
Sample : Q1574-01RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC1RE

Quant Time: Mar 18 01:27:45 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	140963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	240910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	190816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81431	54.656	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.320%			
35) Dibromofluoromethane	7.634	113	85268	53.847	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.700%			
50) Toluene-d8	10.109	98	281376	46.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.860%			
62) 4-Bromofluorobenzene	12.408	95	66934	32.819	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 65.640%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.062	101	4547	1.635	ug/l #	81
16) Acetone	3.873	43	2142	6.592	ug/l #	89
20) Methylene Chloride	4.610	84	5855	3.432	ug/l #	91

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

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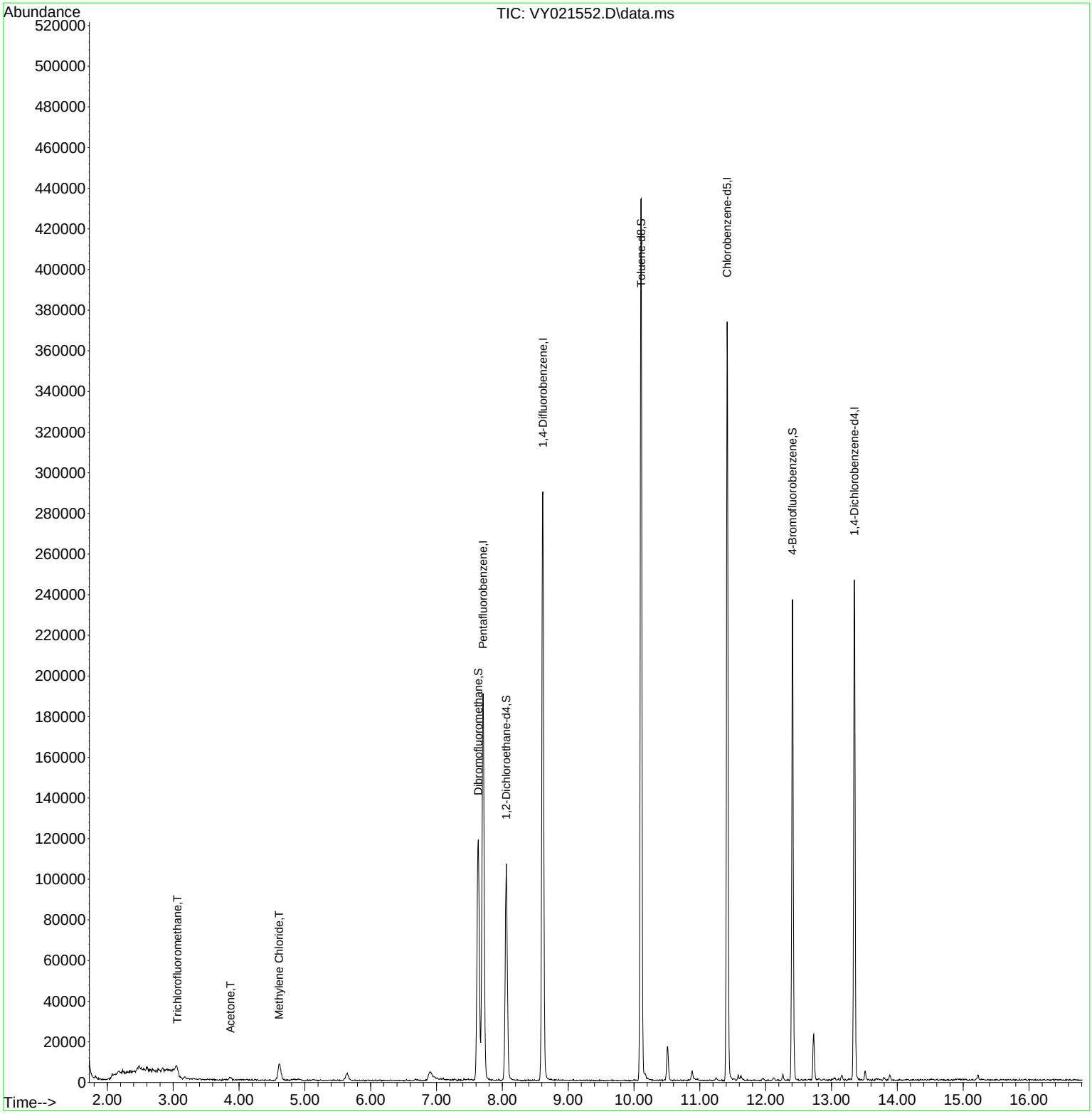
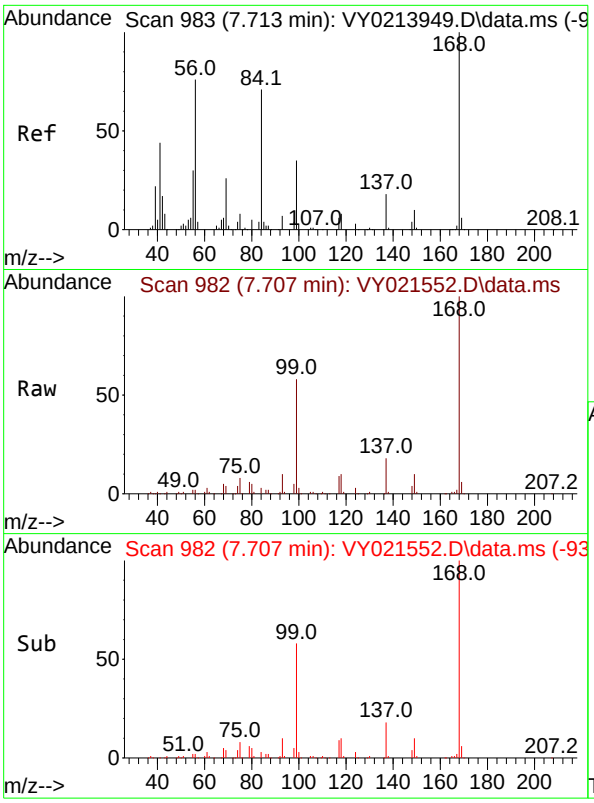


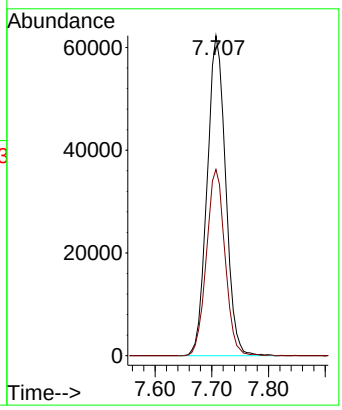


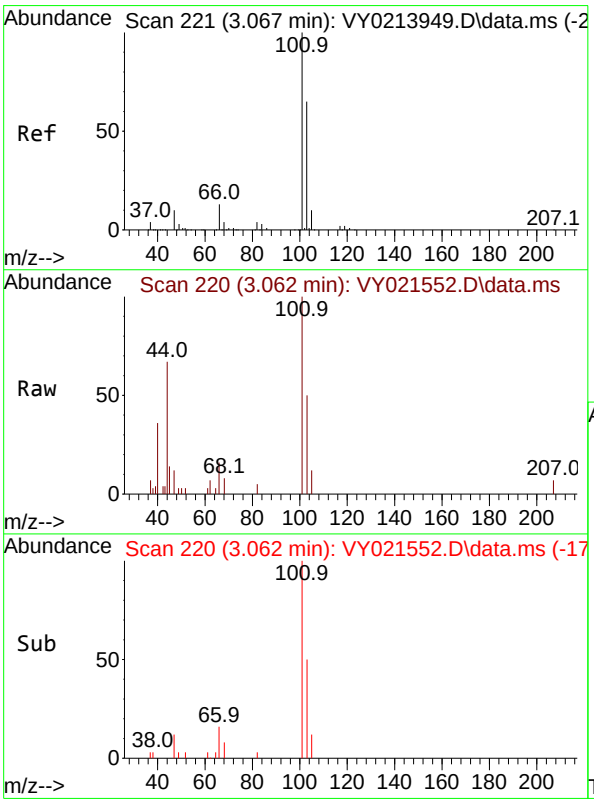
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
WC1RE

Tgt Ion:168 Resp: 140963

Ion	Ratio	Lower	Upper
168	100		
99	58.2	46.0	69.0

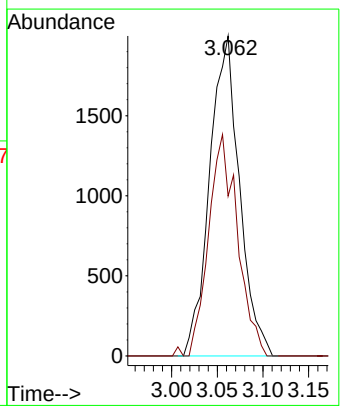


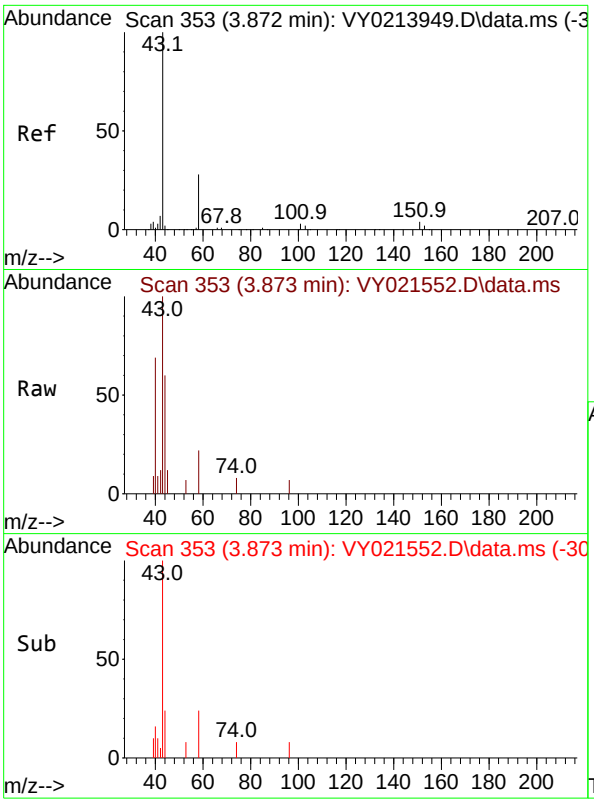


#7
Trichlorofluoromethane
Concen: 1.635 ug/l
RT: 3.062 min Scan# 220
Delta R.T. -0.006 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Tgt Ion:101 Resp: 4547

Ion	Ratio	Lower	Upper
101	100		
103	49.9	51.7	77.5#



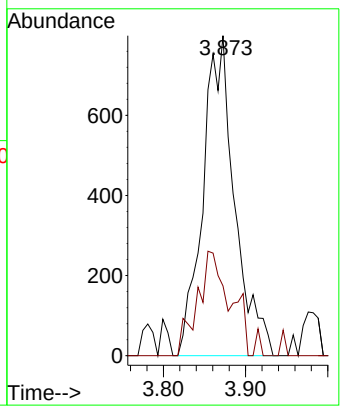


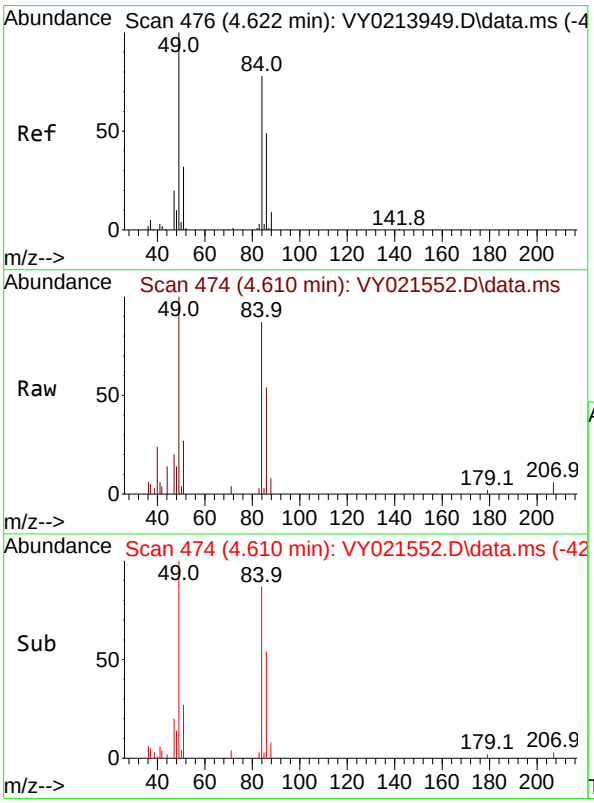
#16
Acetone
Concen: 6.592 ug/l
RT: 3.873 min Scan# 3
Delta R.T. 0.001 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
WC1RE

Tgt Ion: 43 Resp: 2142

Ion	Ratio	Lower	Upper
43	100		
58	21.8	22.1	33.1#

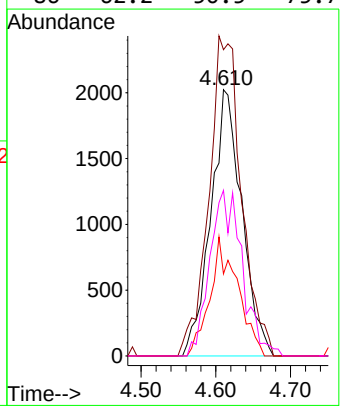


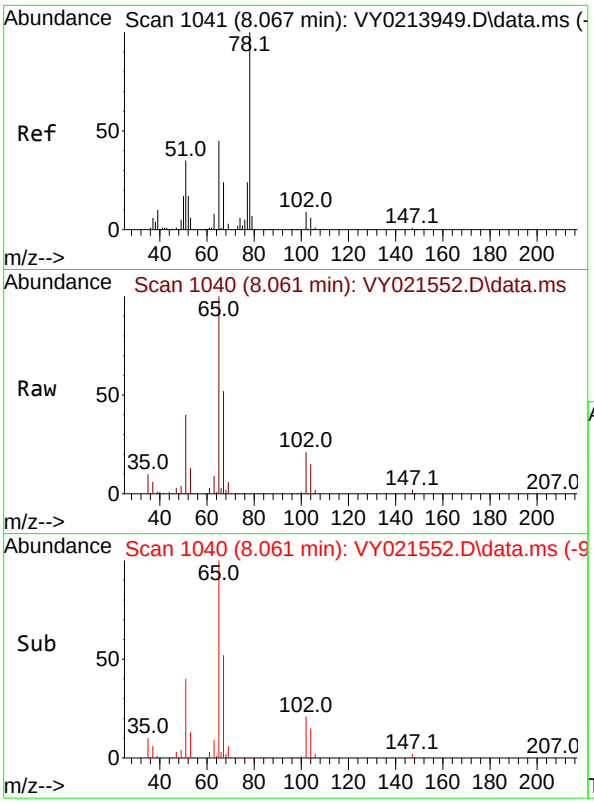


#20
Methylene Chloride
Concen: 3.432 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Tgt Ion: 84 Resp: 5855

Ion	Ratio	Lower	Upper
84	100		
49	115.0	102.0	153.0
51	30.8	33.0	49.6#
86	62.2	50.5	75.7



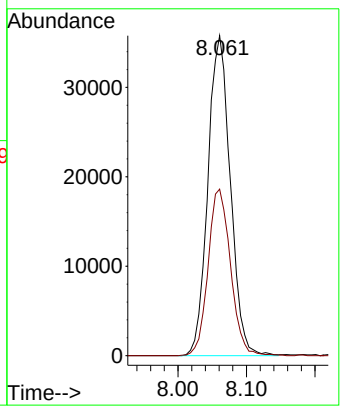


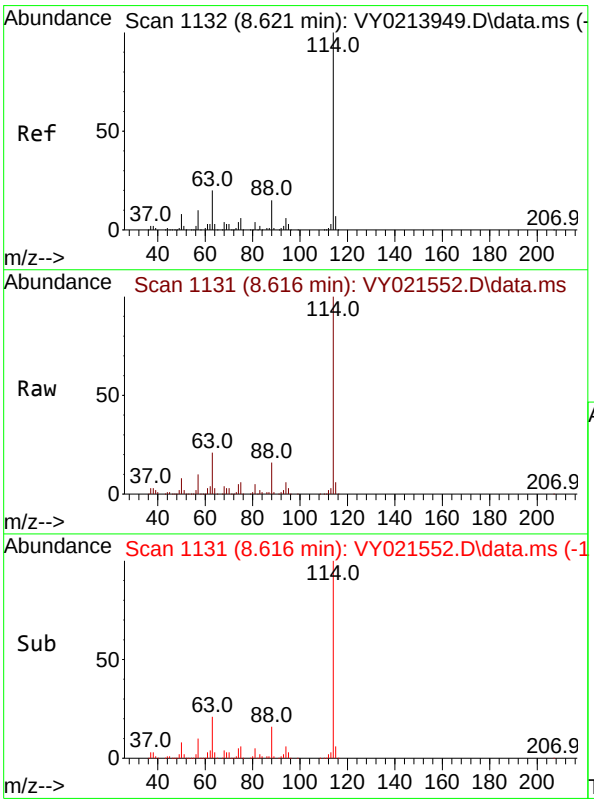
#33
1,2-Dichloroethane-d4
Concen: 54.656 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
WC1RE

Tgt Ion: 65 Resp: 81431

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.8

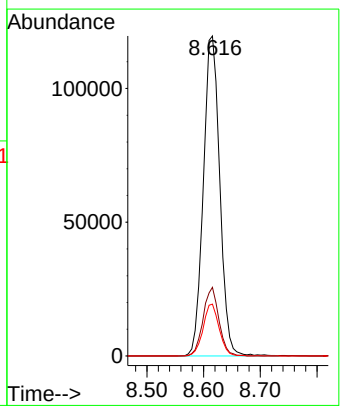


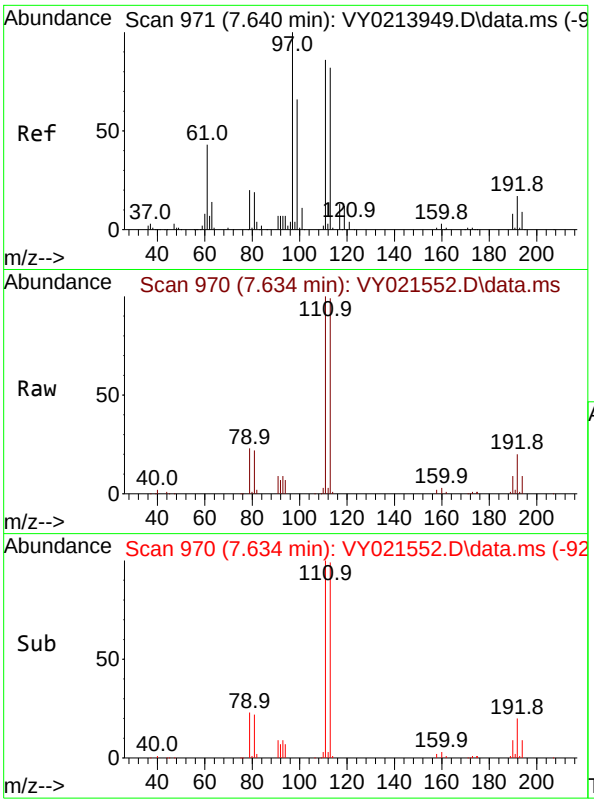


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Tgt Ion:114 Resp: 240910

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	16.2	0.0	30.8



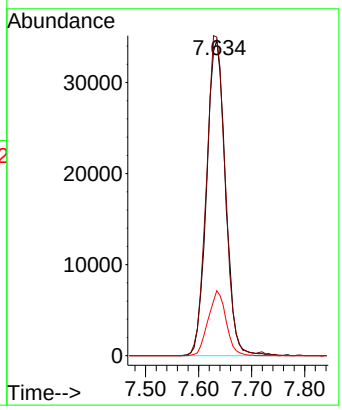


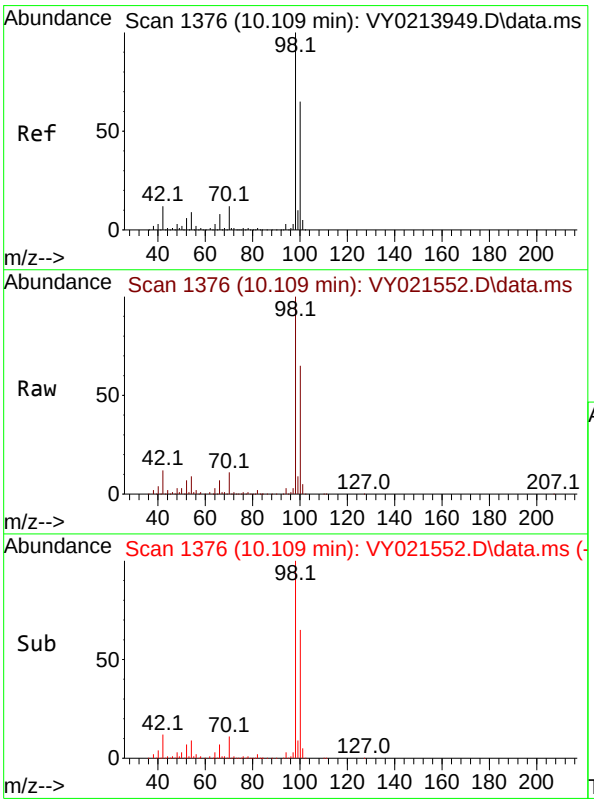
#35
Dibromofluoromethane
Concen: 53.847 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
WC1RE

Tgt Ion:113 Resp: 85268

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	19.6	15.9	23.9

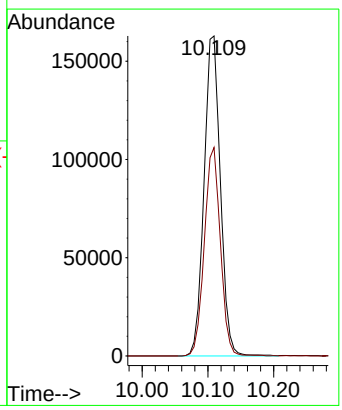


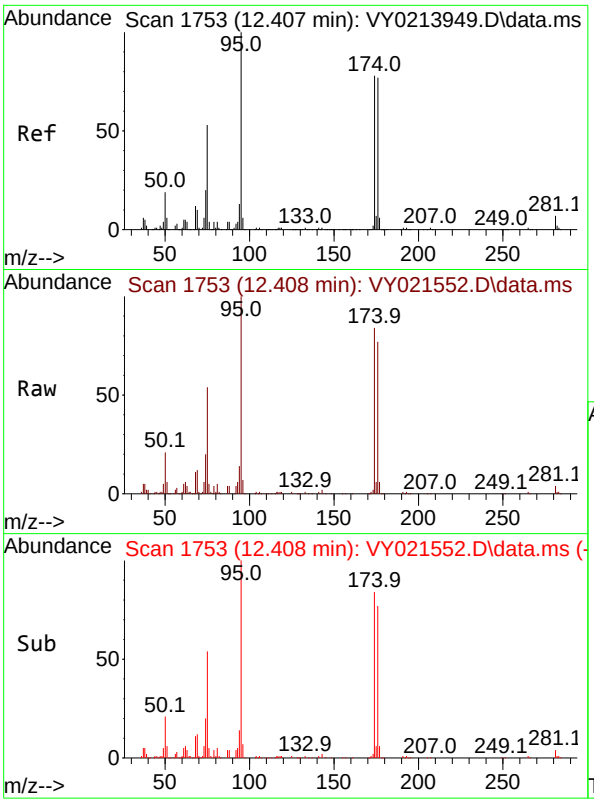


#50
Toluene-d8
Concen: 46.929 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Tgt Ion: 98 Resp: 281376

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1



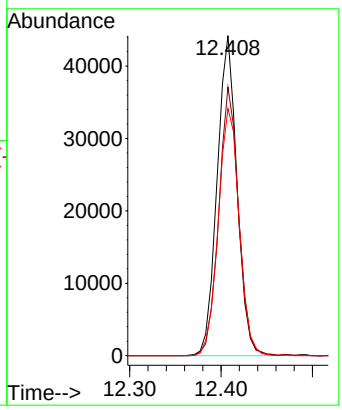


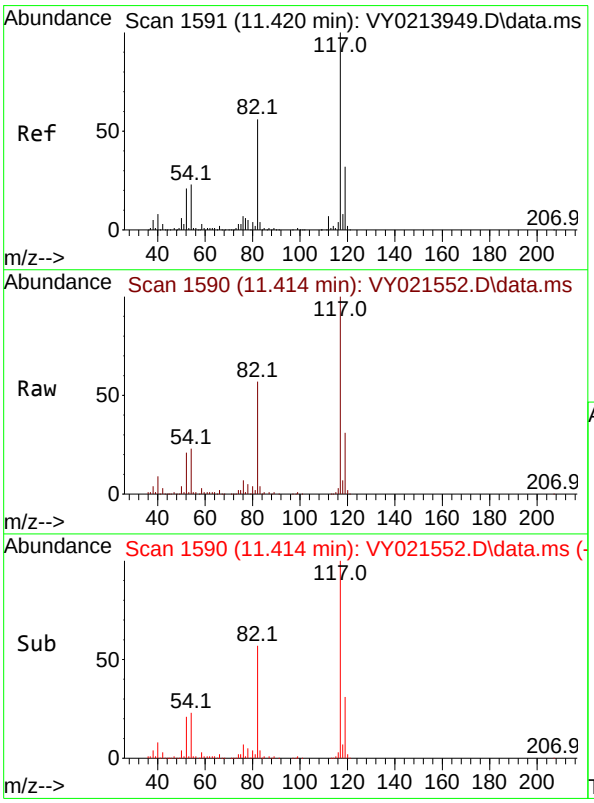
#62
4-Bromofluorobenzene
Concen: 32.819 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
WC1RE

Tgt Ion: 95 Resp: 66934

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	165.0
176	81.2	0.0	160.0

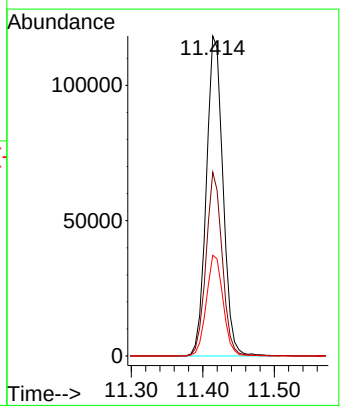


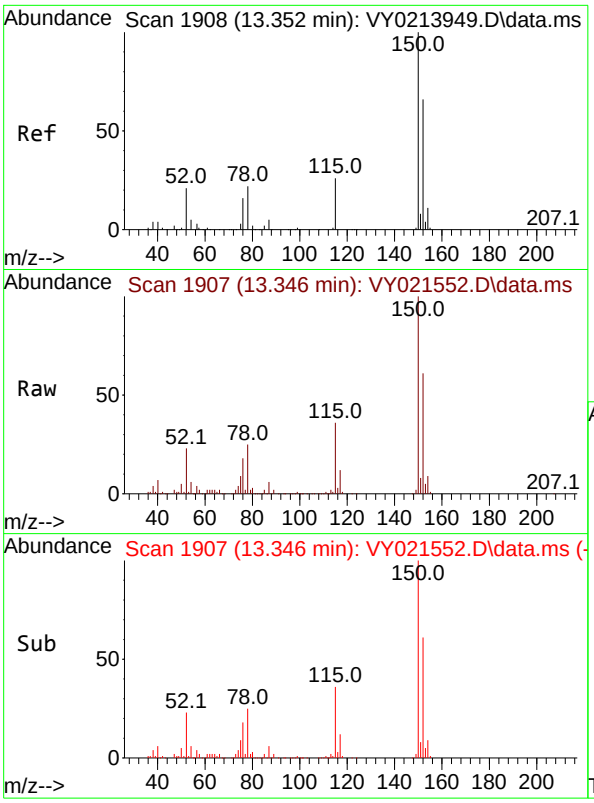


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021552.D
Acq: 17 Mar 2025 15:55

Tgt Ion:117 Resp: 190816

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	67.0
119	31.5	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: VY021552.D
Acq: 17 Mar 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
WC1RE

Tgt Ion:152 Resp: 59425

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.0	87.0
150	158.6	0.0	347.2