Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044968.D
Acq On : 14 Feb 2025 17:48
Operator : JC/MD
Sample : Q1363-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Quant Time: Feb 14 22:18:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	77144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64740	57.330	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.660%			
35) Dibromofluoromethane	5.379	113	52935	52.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.400%			
50) Toluene-d8	8.647	98	192989	50.325	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	68282	52.817	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	7767	7.179	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	25906	26.577	ug/l	96
12) 1,1-Dichloroethene	2.313	96	1208	1.215	ug/l #	78
16) Acetone	2.374	43	912	2.009	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	3466	2.949	ug/l	93
44) Trichloroethene	7.123	130	11545	11.055	ug/l	94
64) Tetrachloroethene	9.275	164	3586	3.948	ug/l	91

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

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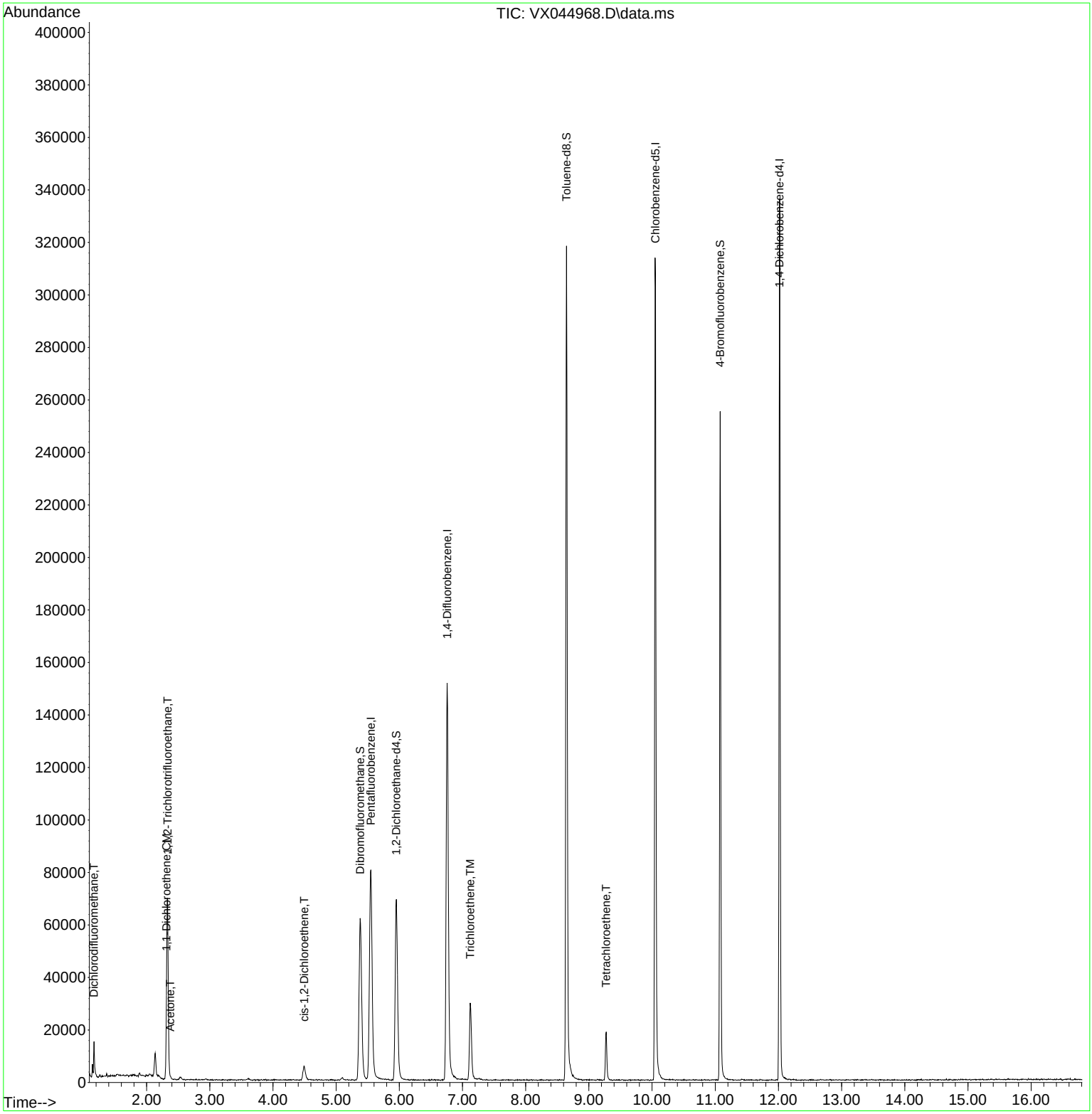
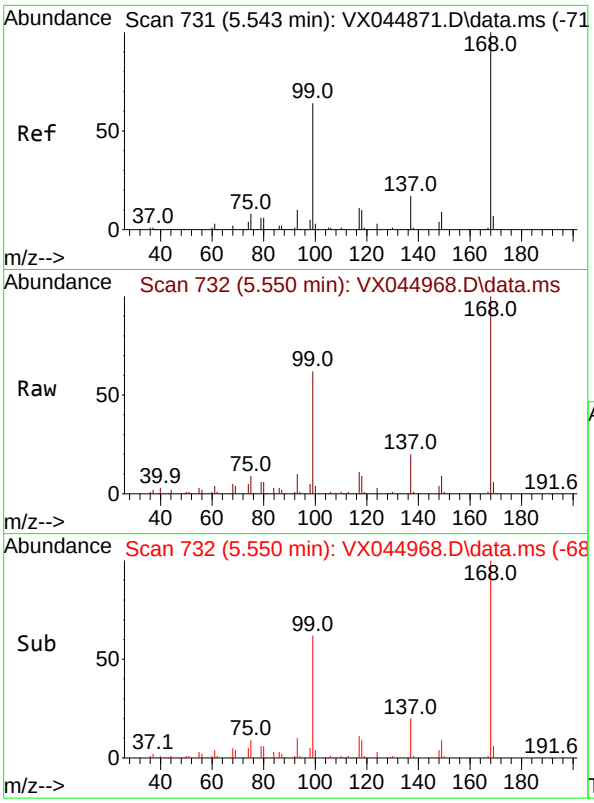


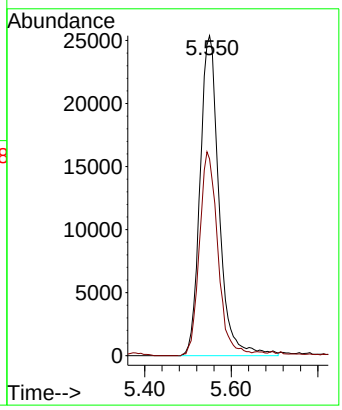


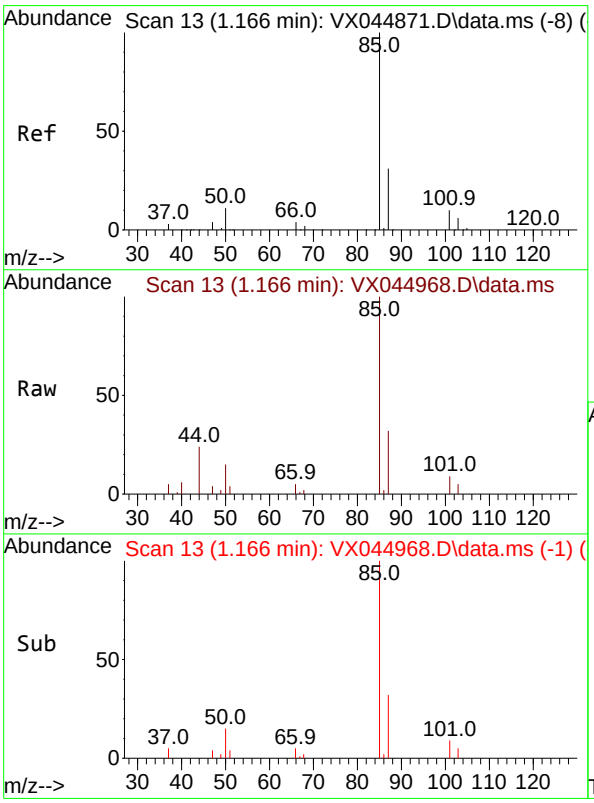
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion:168 Resp: 77144

Ion	Ratio	Lower	Upper
168	100		
99	61.5	51.2	76.8

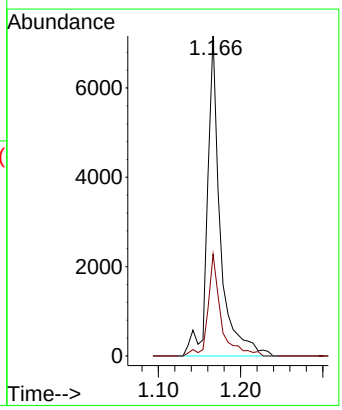


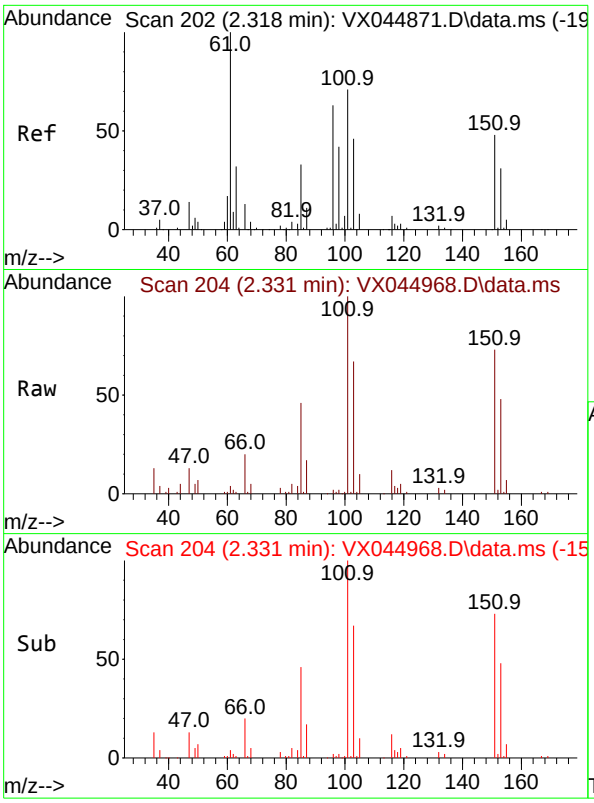


#2
Dichlorodifluoromethane
Concen: 7.179 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 85 Resp: 7767

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3



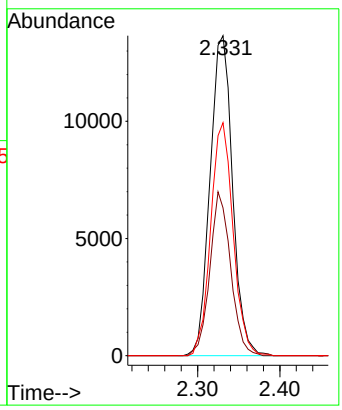


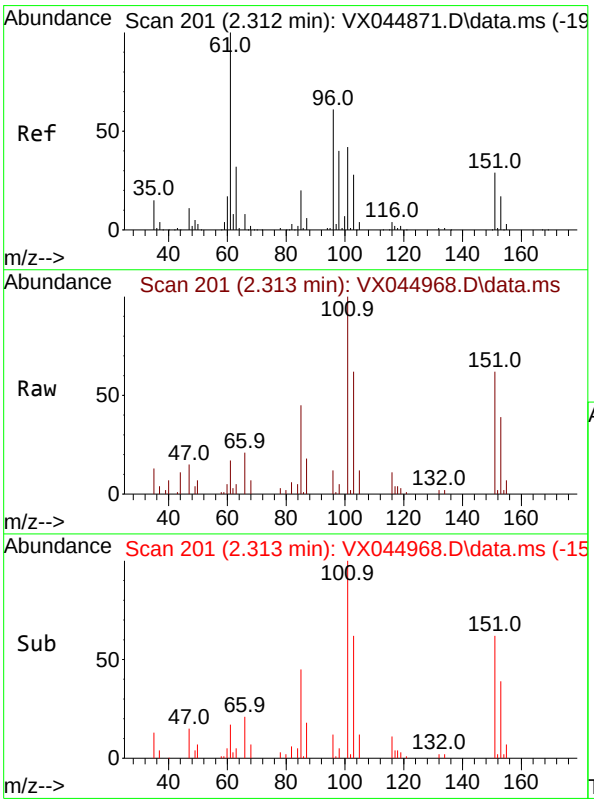
#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.577 ug/l
RT: 2.331 min Scan# 2
Delta R.T. 0.013 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion:101 Resp: 25906

Ion	Ratio	Lower	Upper
101	100		
85	47.4	35.7	53.5
151	72.7	56.0	84.0

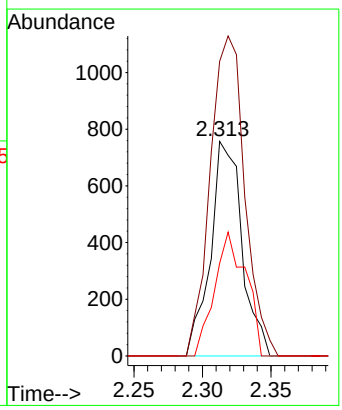


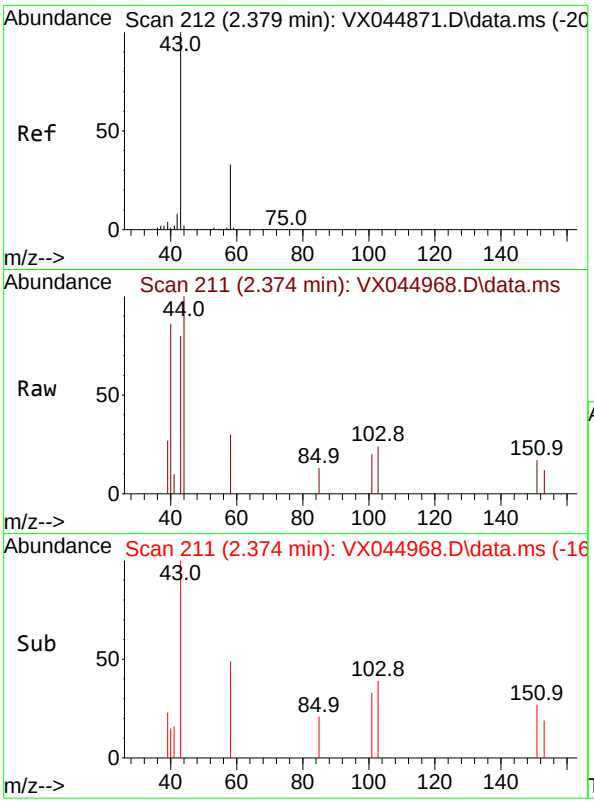


#12
1,1-Dichloroethene
Concen: 1.215 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 96 Resp: 1208

Ion	Ratio	Lower	Upper
96	100		
61	137.3	130.2	195.4
98	43.2	52.2	78.4#



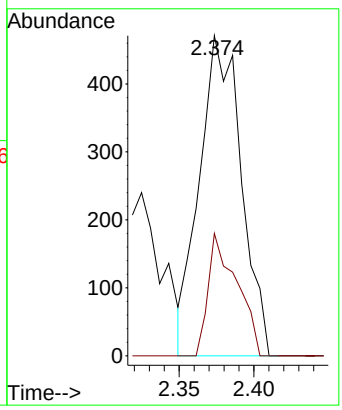


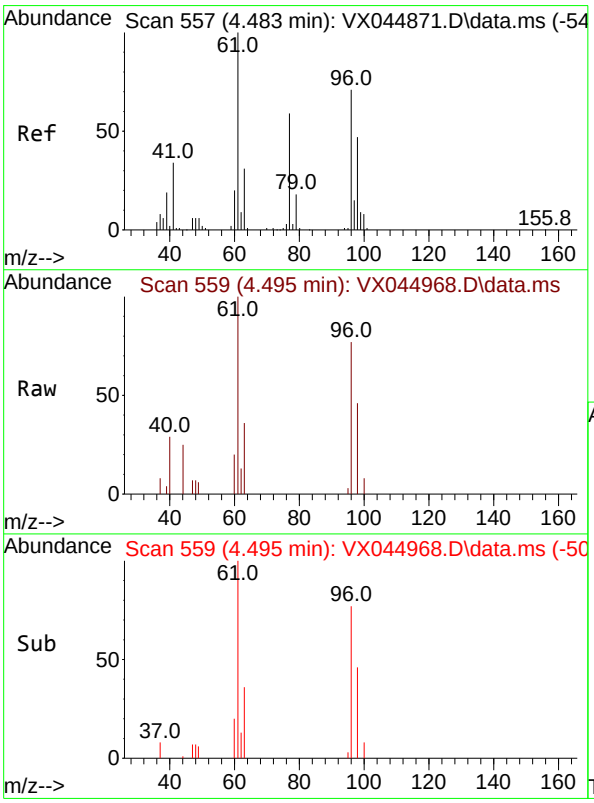
#16
Acetone
Concen: 2.009 ug/l
RT: 2.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion: 43 Resp: 912

Ion	Ratio	Lower	Upper
43	100		
58	38.2	26.5	39.7

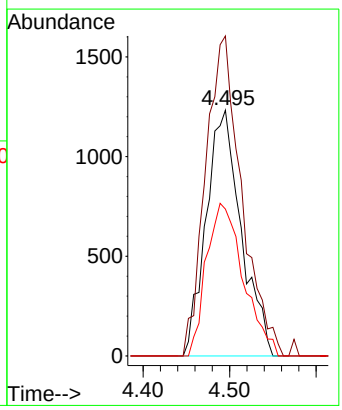


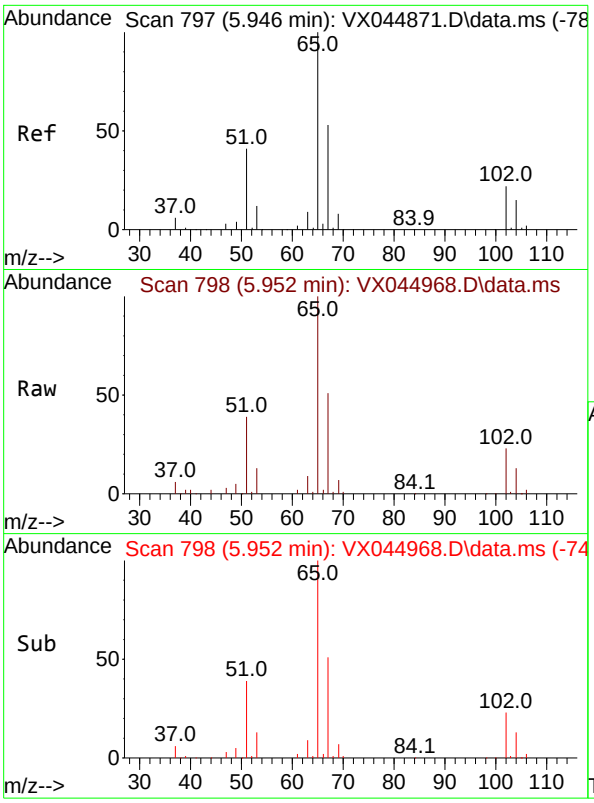


#27
cis-1,2-Dichloroethene
Concen: 2.949 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.013 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 96 Resp: 3466

Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	294.0
98	65.5	0.0	131.2



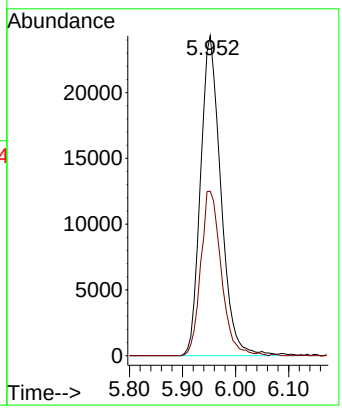


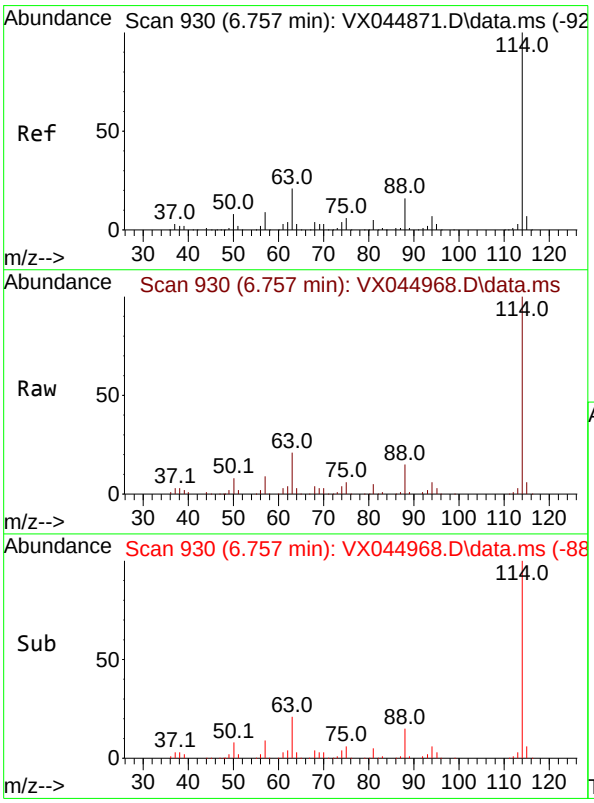
#33
1,2-Dichloroethane-d4
Concen: 57.330 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion: 65 Resp: 64740

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	108.2

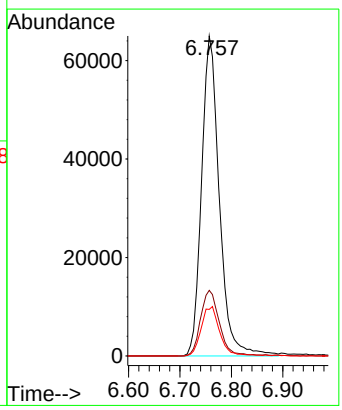


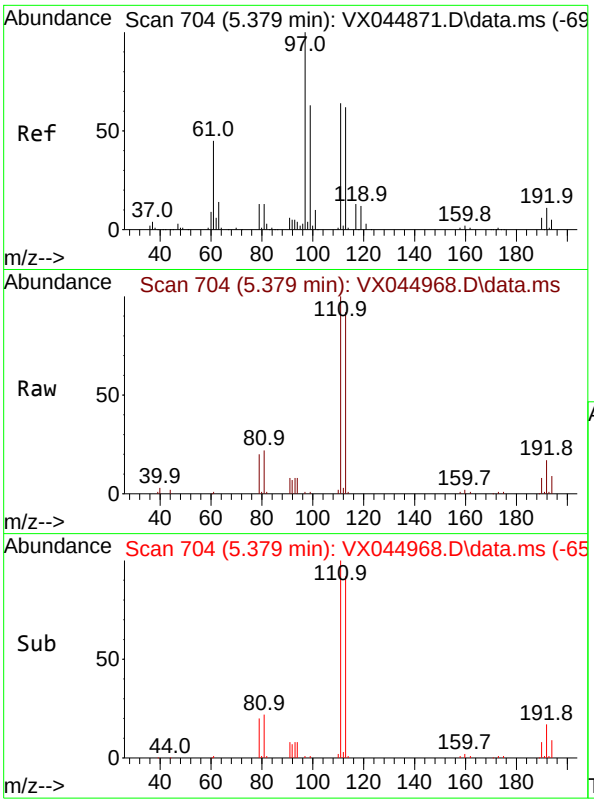


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion:114 Resp: 155981

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.4
88	14.6	0.0	31.4



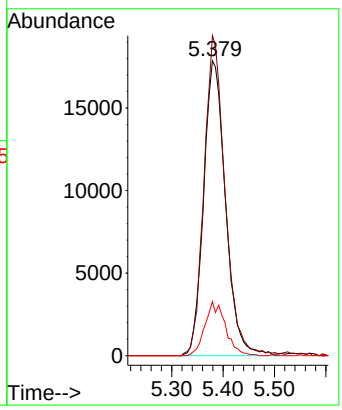


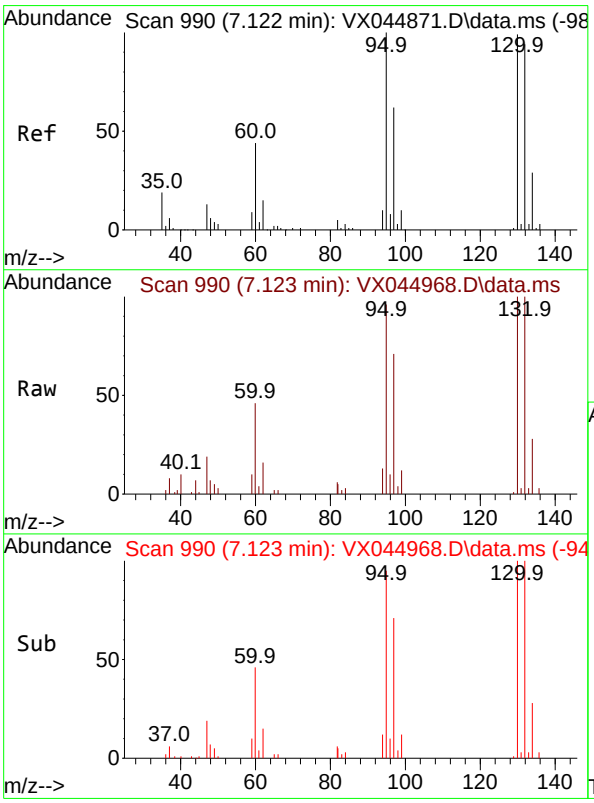
#35
Dibromofluoromethane
Concen: 52.197 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion:113 Resp: 52935

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.5	125.3
192	17.2	14.4	21.6

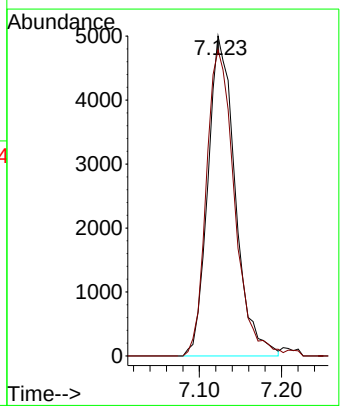


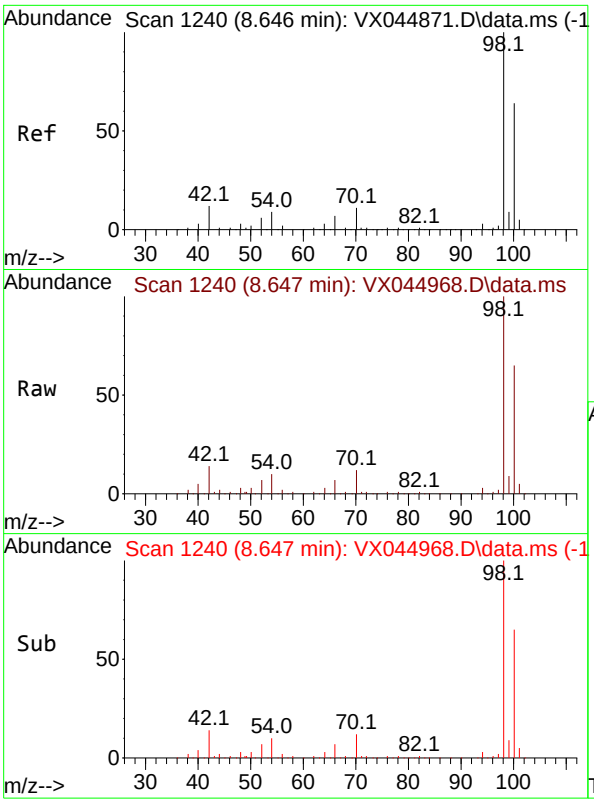


#44
Trichloroethene
Concen: 11.055 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion:130 Resp: 11545

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	202.4



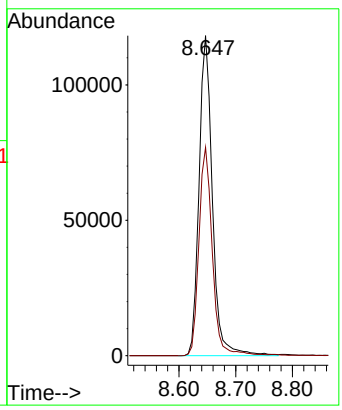


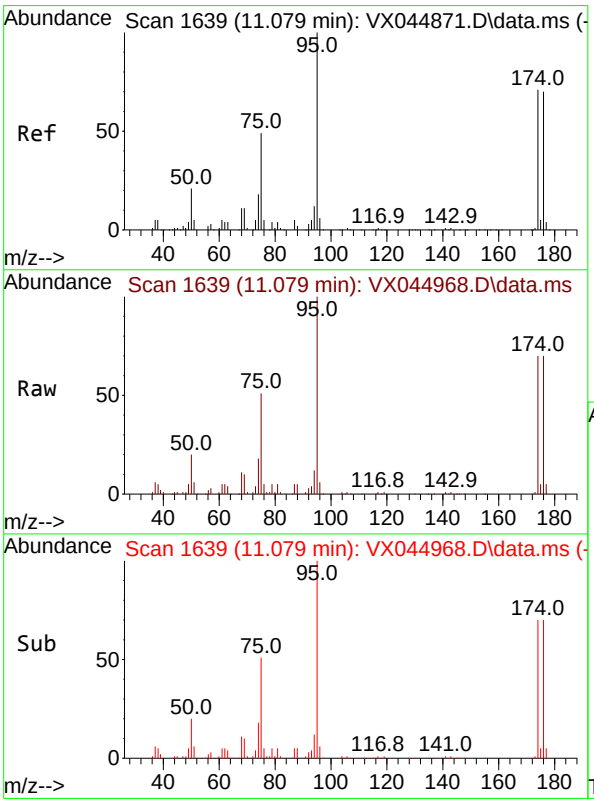
#50
Toluene-d8
Concen: 50.325 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion: 98 Resp: 192989

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.7	79.1

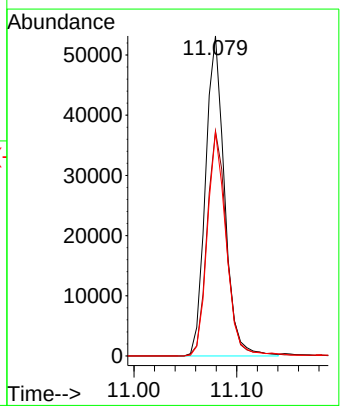


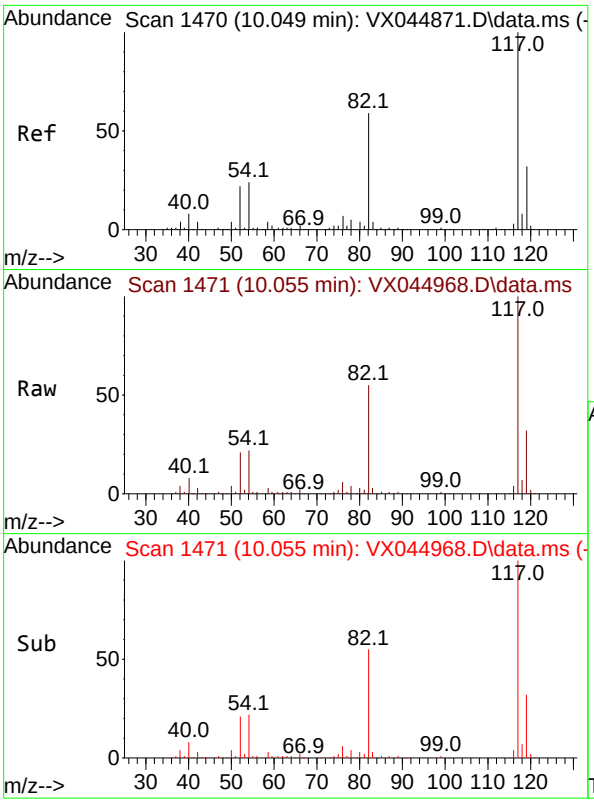


#62
4-Bromofluorobenzene
Concen: 52.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion: 95 Resp: 68282

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	142.6
176	69.5	0.0	141.6



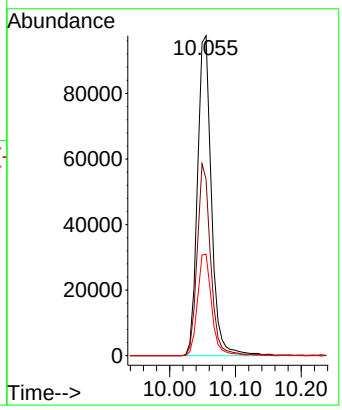


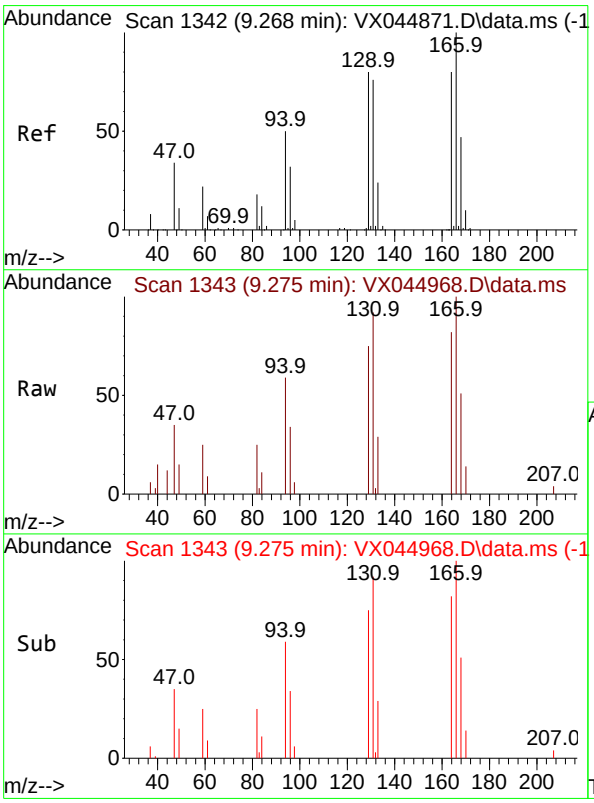
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion:117 Resp: 144021

Ion	Ratio	Lower	Upper
117	100		
82	55.1	47.5	71.3
119	31.8	25.4	38.0

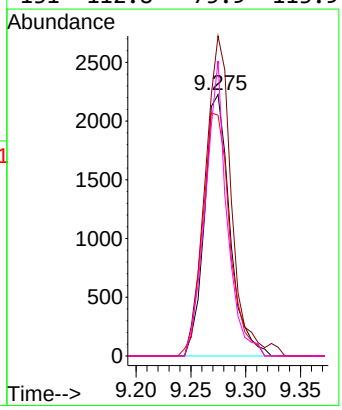


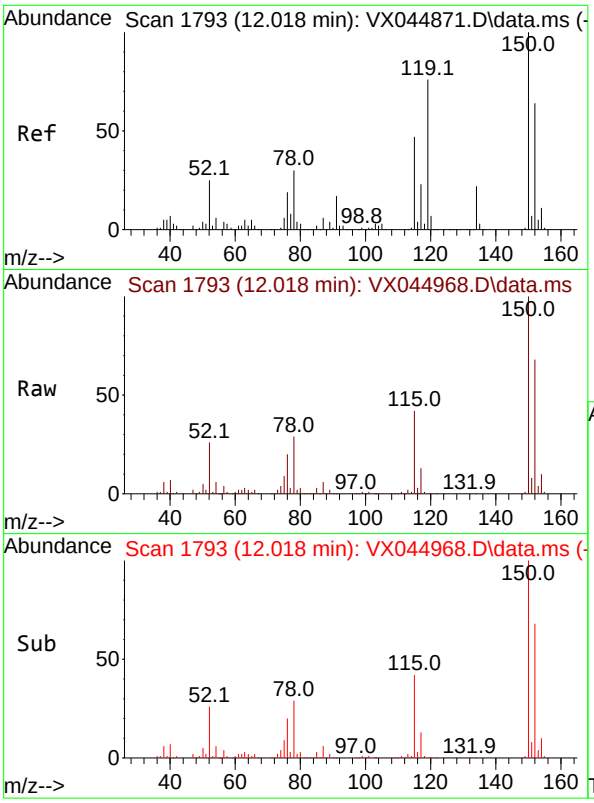


#64
Tetrachloroethene
Concen: 3.948 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Tgt Ion:164 Resp: 3586

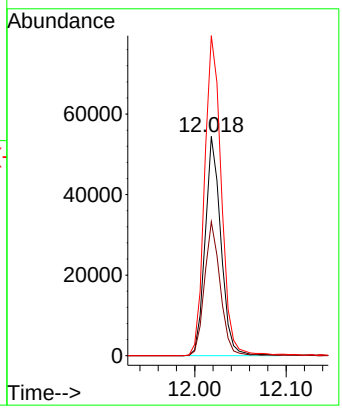
Ion	Ratio	Lower	Upper
164	100		
166	122.4	100.4	150.6
129	92.1	79.9	119.9
131	112.8	75.9	113.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044968.D
Acq: 14 Feb 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VFCC-3-021225

Tgt Ion:152 Resp: 65055

Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.4	130.1
150	155.4	0.0	350.4