Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046221.D
Acq On : 15 May 2025 18:04
Operator : JC/MD
Sample : Q2034-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Quant Time: May 16 01:09:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64665	55.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.420%			
35) Dibromofluoromethane	5.385	113	46875	51.274	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	8.647	98	163601	51.704	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	63189	52.062	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.120%			
Target Compounds						Qvalue
16) Acetone	2.386	43	19161	41.169	ug/l	96
18) Methyl Acetate	2.709	43	3590	3.324	ug/l	97
20) Methylene Chloride	2.782	84	14689	16.469	ug/l	98
25) 2-Butanone	4.586	43	5549	8.212	ug/l	99
43) Isopropyl Acetate	6.342	43	13415	5.794	ug/l	99

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

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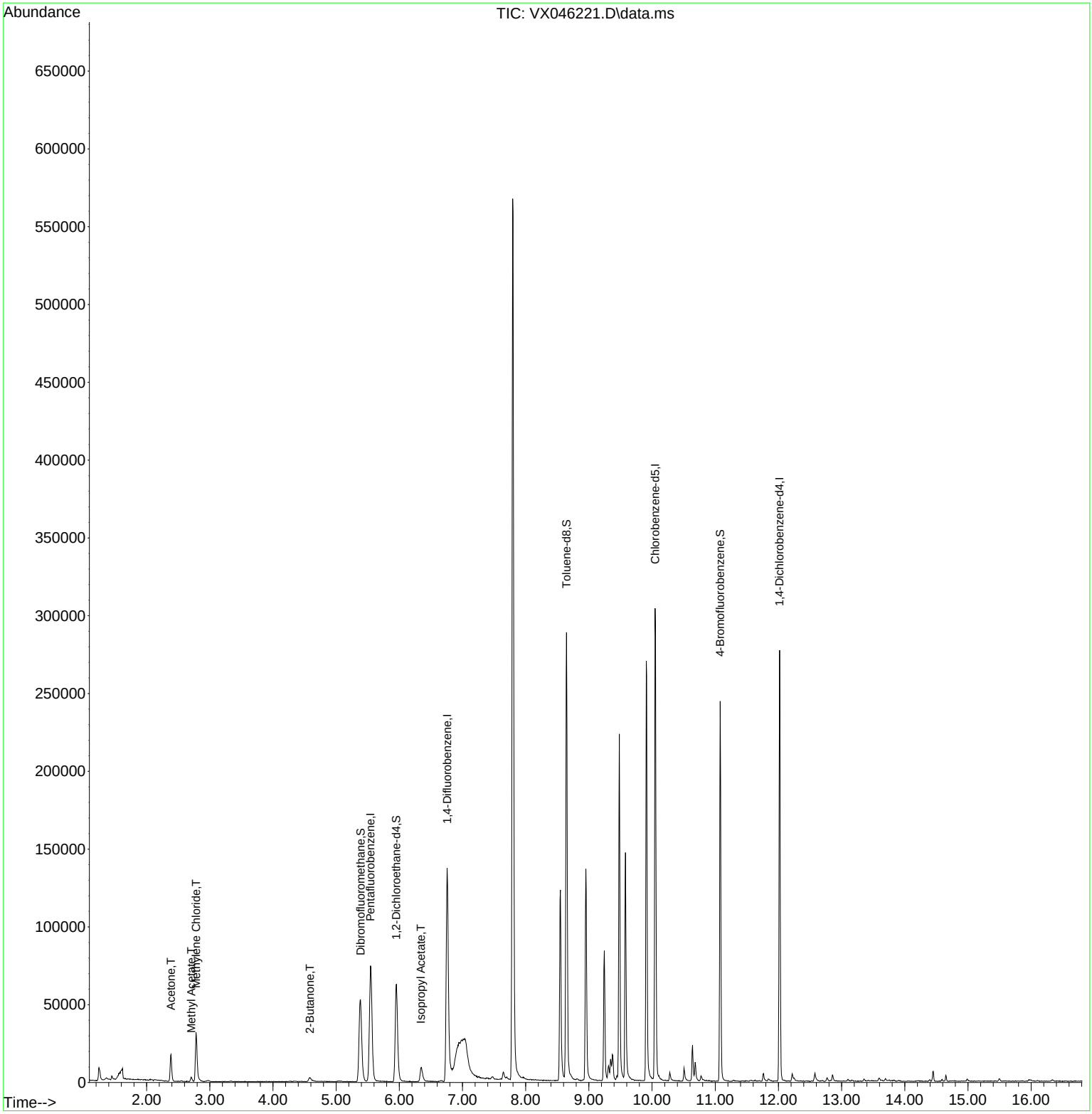
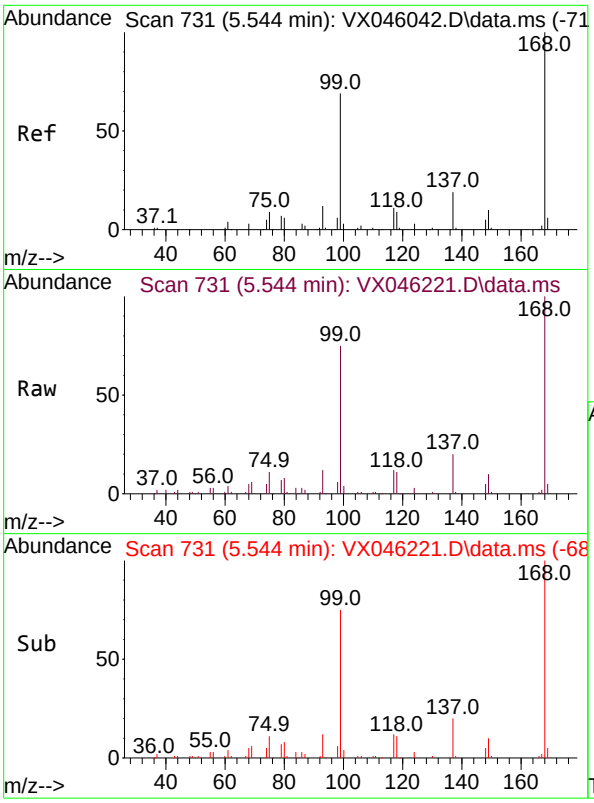


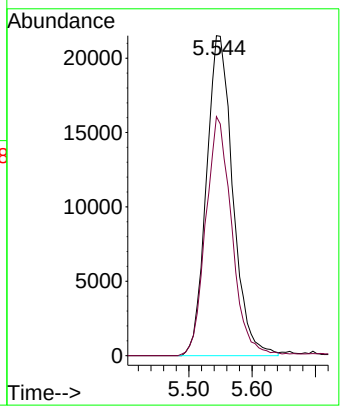


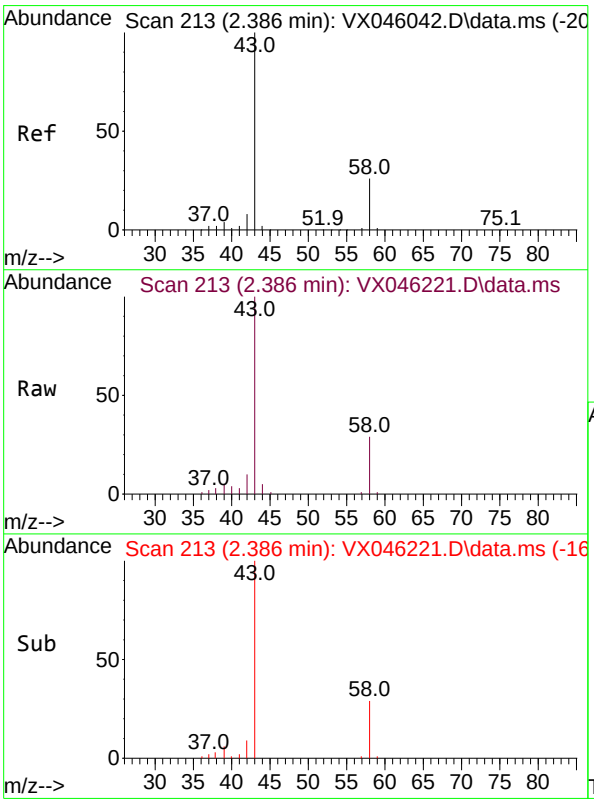
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Tgt Ion:168 Resp: 62263

Ion	Ratio	Lower	Upper
168	100		
99	74.7	54.9	82.3

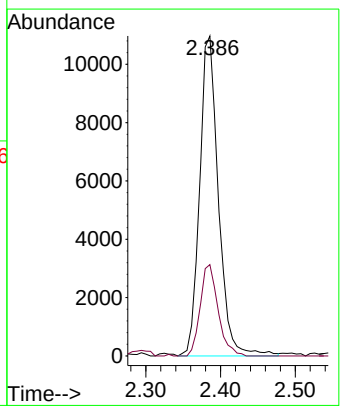


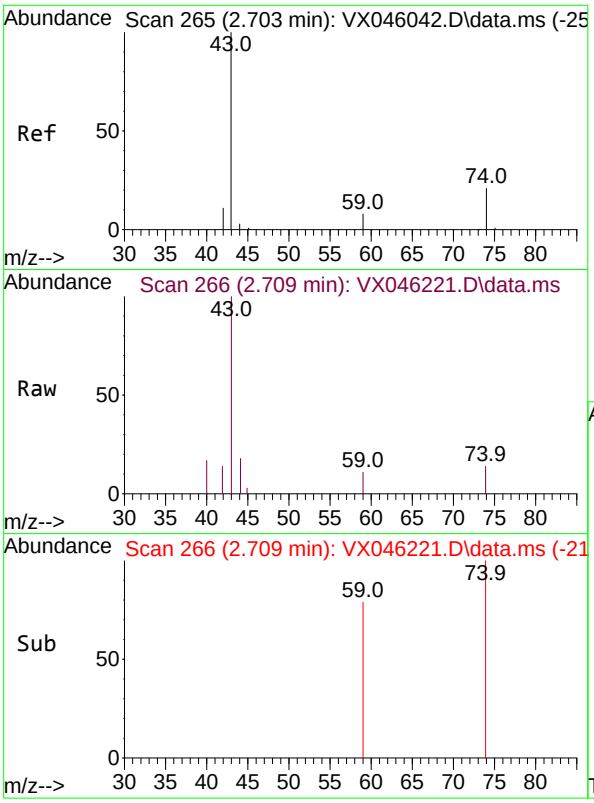


#16
Acetone
Concen: 41.169 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Tgt Ion: 43 Resp: 19161

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.2	31.8



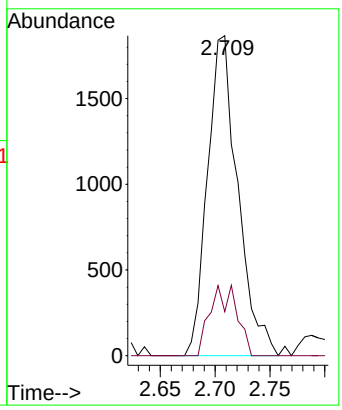


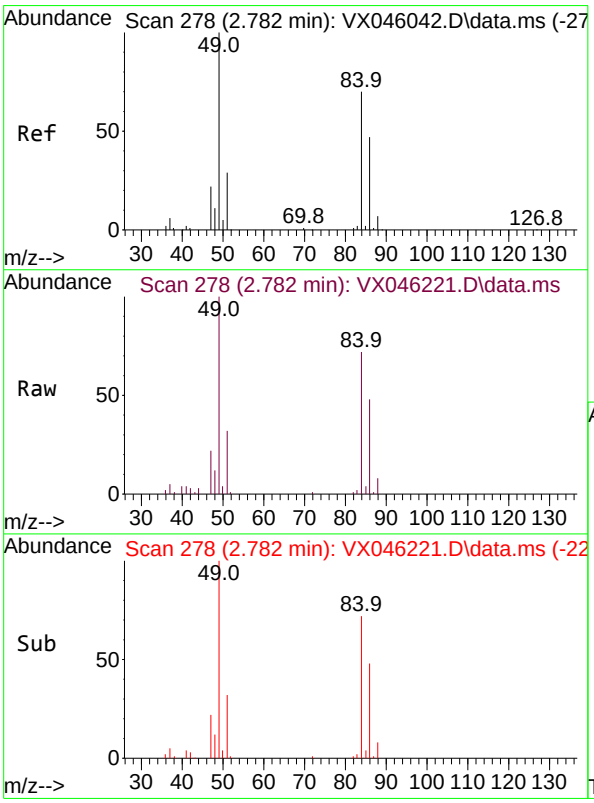
#18
Methyl Acetate
Concen: 3.324 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Tgt Ion: 43 Resp: 3590

Ion	Ratio	Lower	Upper
43	100		
74	19.3	16.7	25.1

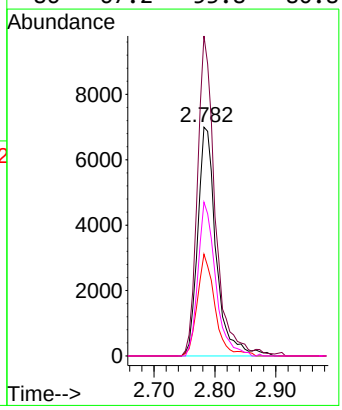


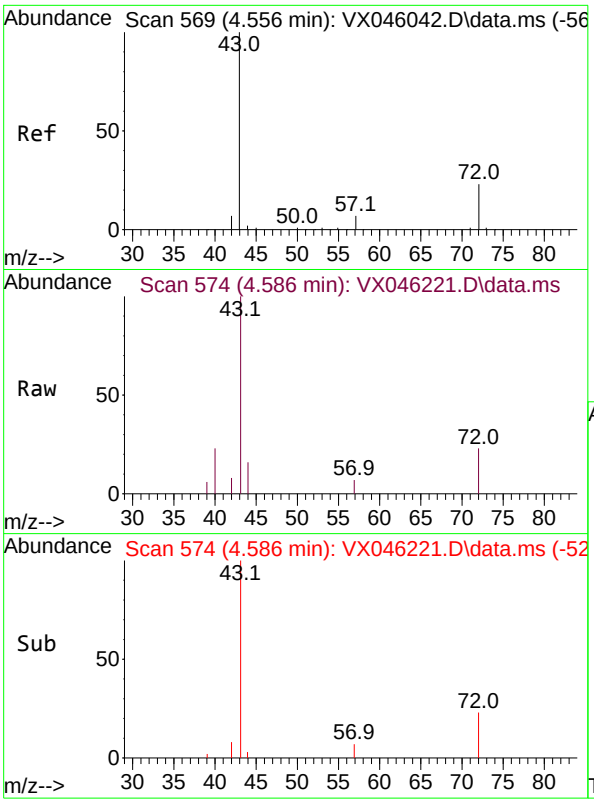


#20
Methylene Chloride
Concen: 16.469 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Tgt Ion: 84 Resp: 14689

Ion	Ratio	Lower	Upper
84	100		
49	139.8	113.9	170.9
51	44.4	33.5	50.3
86	67.2	53.8	80.8



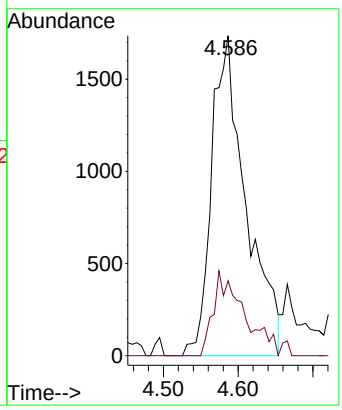


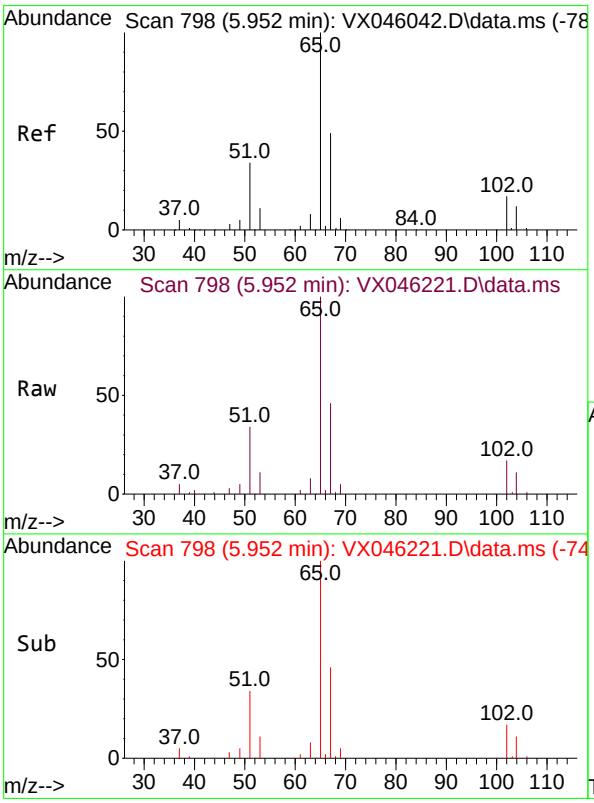
#25
2-Butanone
Concen: 8.212 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Tgt Ion: 43 Resp: 5549

Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.4	27.6

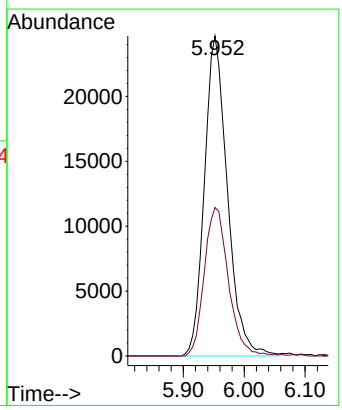


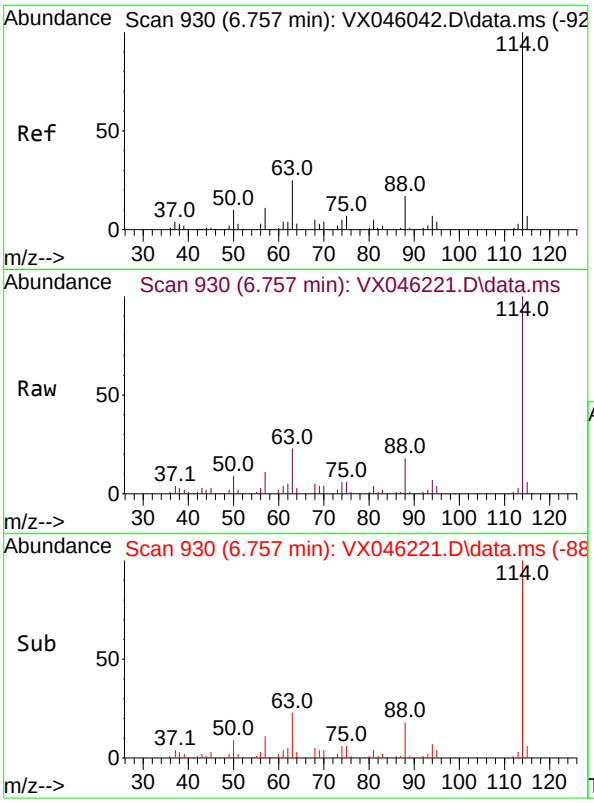


#33
1,2-Dichloroethane-d4
Concen: 55.708 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Tgt Ion: 65 Resp: 64665

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



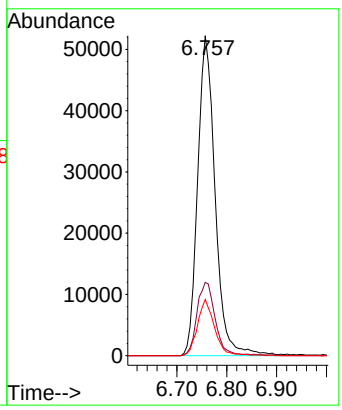


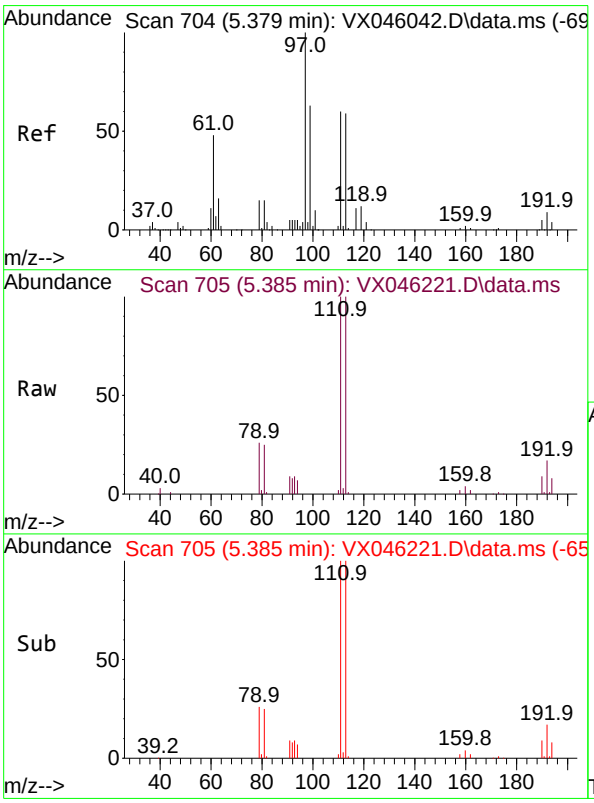
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Tgt Ion:114 Resp: 126954

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	49.2
88	17.5	0.0	33.6

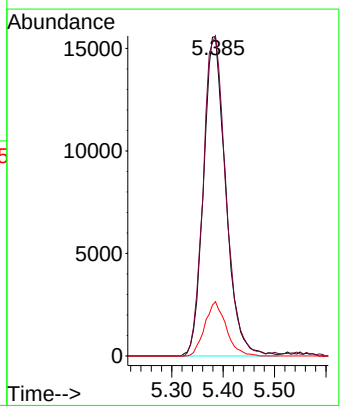


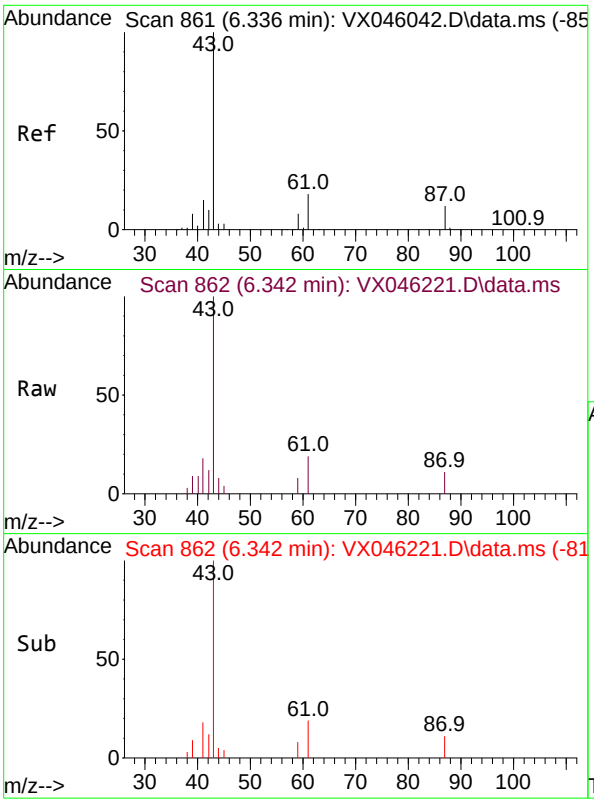


#35
Dibromofluoromethane
Concen: 51.274 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Tgt Ion:113 Resp: 46875

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.1	124.7
192	16.3	13.3	19.9



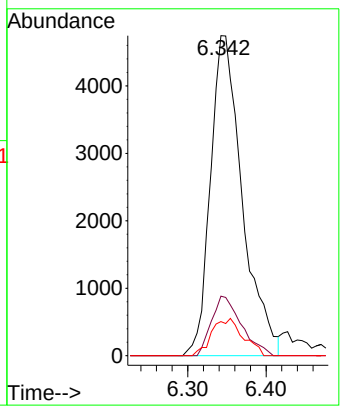


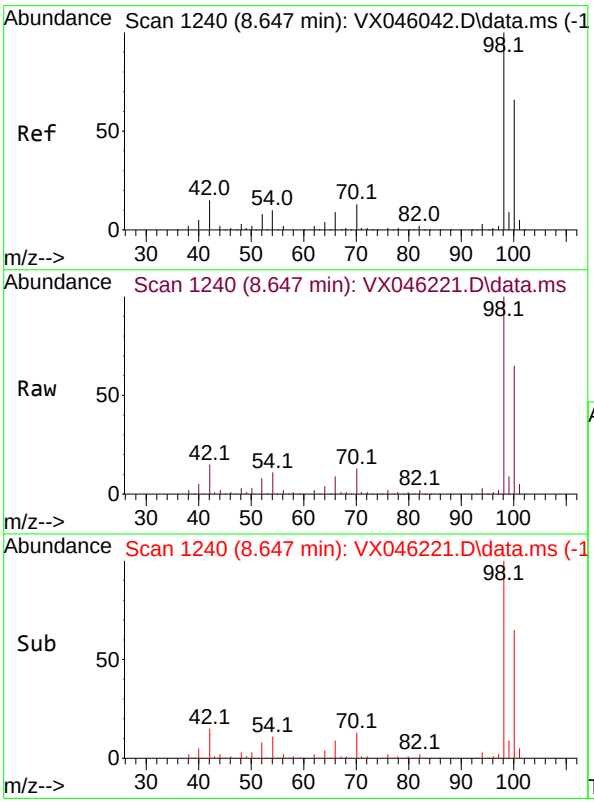
#43
Isopropyl Acetate
Concen: 5.794 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Tgt Ion: 43 Resp: 13415

Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.3	21.5
87	11.4	9.5	14.3

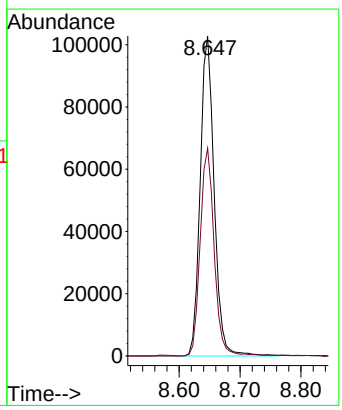


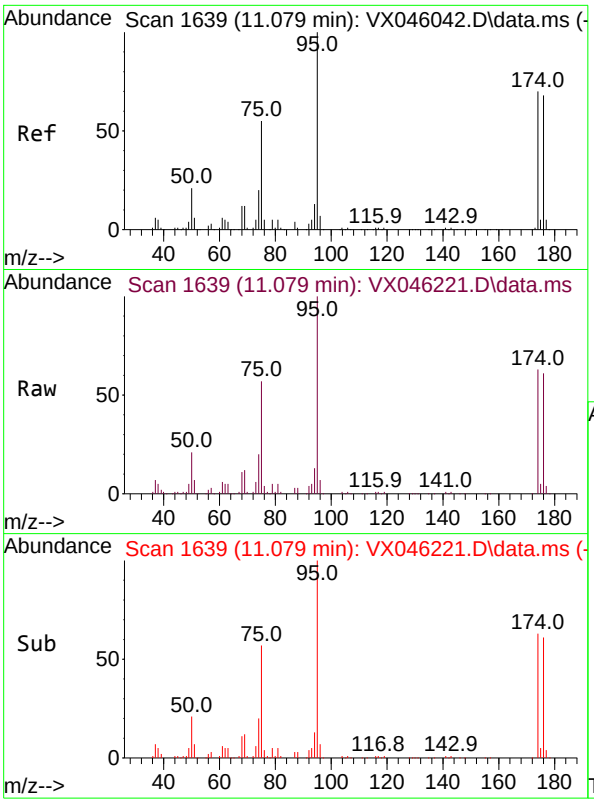


#50
Toluene-d8
Concen: 51.704 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Tgt Ion: 98 Resp: 163601

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.5	80.3



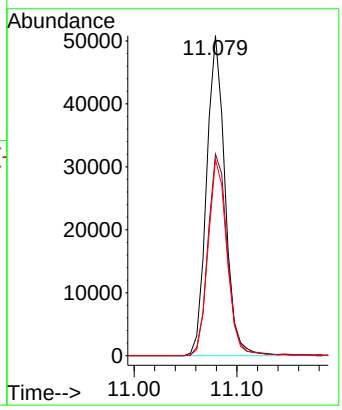


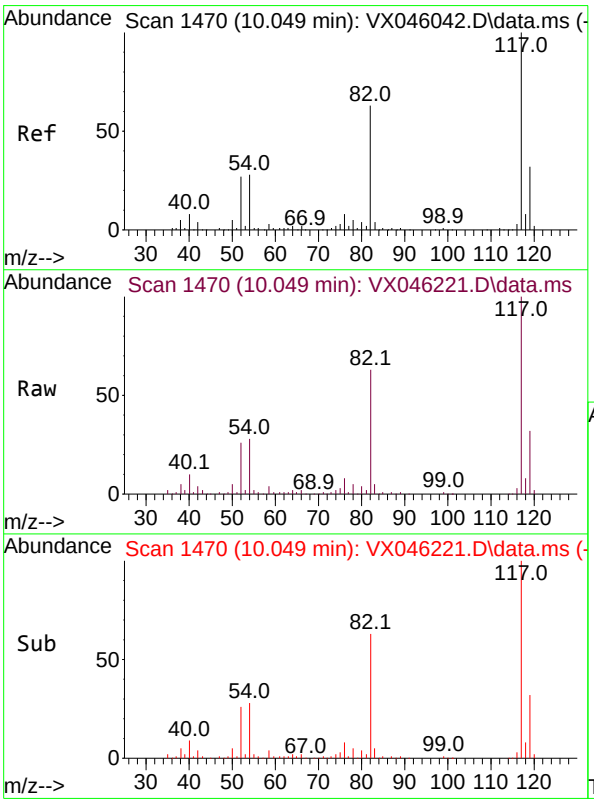
#62
4-Bromofluorobenzene
Concen: 52.062 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Tgt Ion: 95 Resp: 63189

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	135.8
176	63.3	0.0	131.4

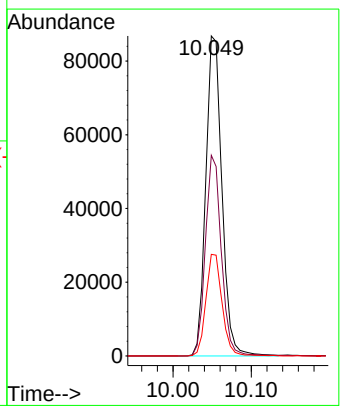


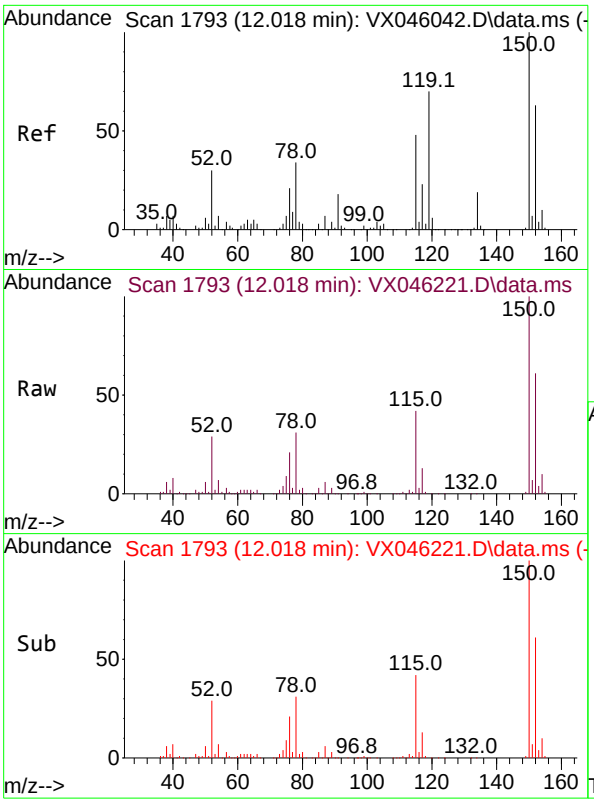


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Tgt Ion:117 Resp: 123968

Ion	Ratio	Lower	Upper
117	100		
82	62.7	50.6	76.0
119	31.7	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046221.D
Acq: 15 May 2025 18:04

Instrument :
MSVOA_X
ClientSampleId :
L3-WC-1

Tgt Ion:152 Resp: 51188

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	156.4	0.0	351.0