Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
Data File : VX046238.D
Acq On : 16 May 2025 13:21
Operator : JC/MD
Sample : Q2048-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Quant Time: May 16 23:04:39 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	5.550	168	58805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59852	54.594	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.180%			
35) Dibromofluoromethane	5.385	113	44318	51.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	8.647	98	150946	50.838	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	57632	50.602	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.200%			
Target Compounds						Qvalue
16) Acetone	2.386	43	25043	56.972	ug/l	99
18) Methyl Acetate	2.709	43	2791	2.736	ug/l	94
20) Methylene Chloride	2.782	84	14263	16.932	ug/l	92
25) 2-Butanone	4.574	43	7717	12.093	ug/l	97
43) Isopropyl Acetate	6.342	43	13469	6.200	ug/l	98

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

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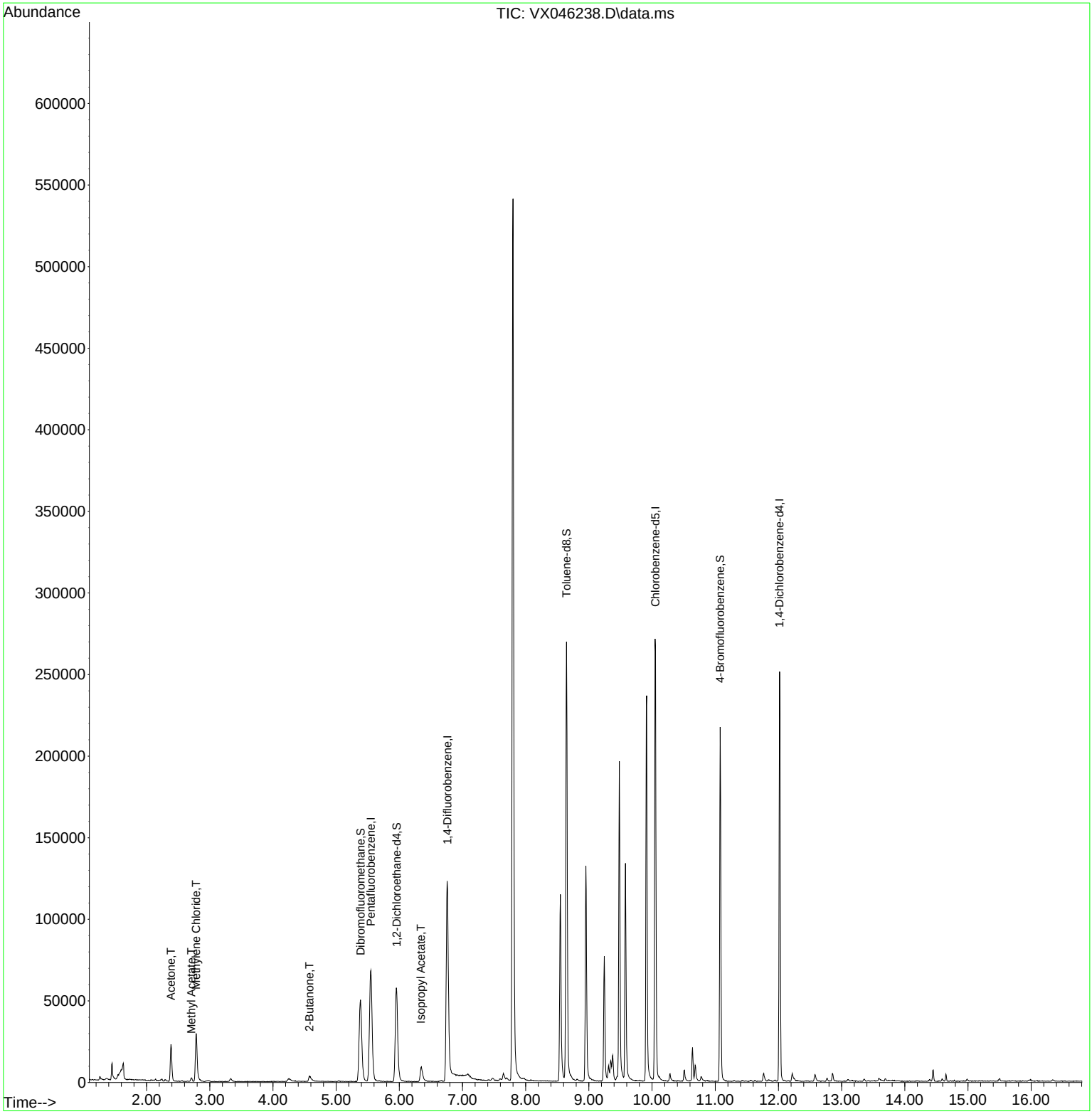
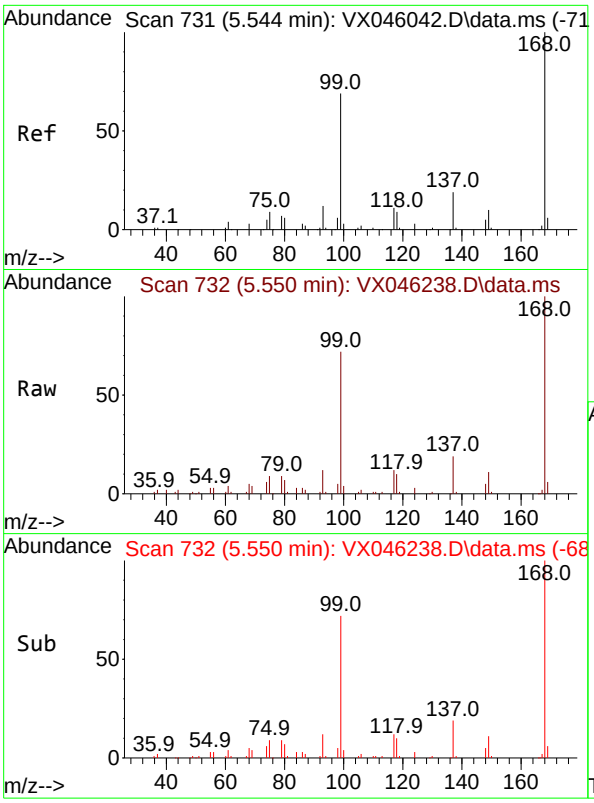


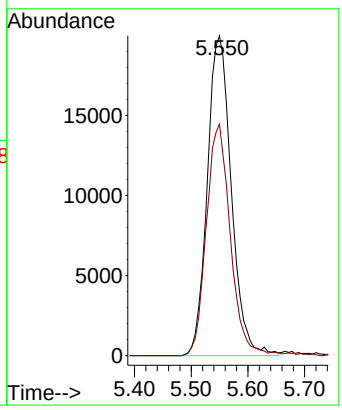


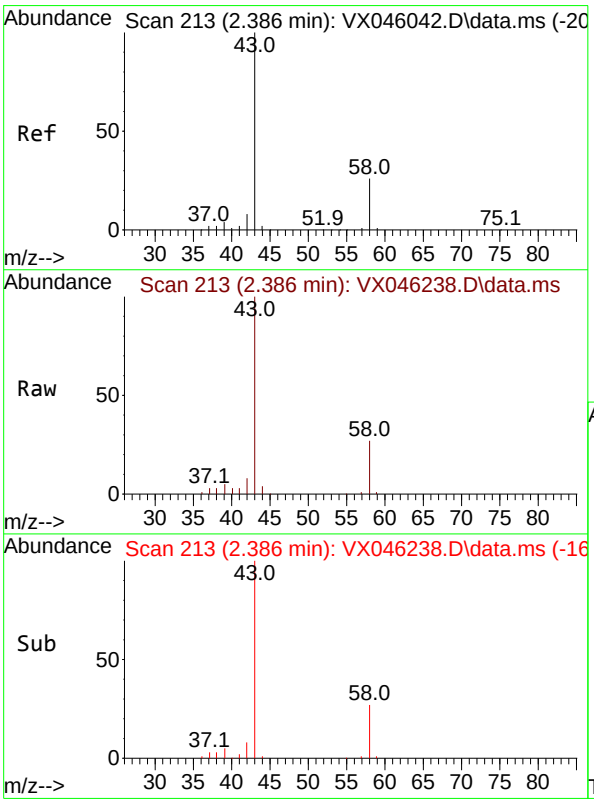
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Tgt Ion:168 Resp: 58805

Ion	Ratio	Lower	Upper
168	100		
99	72.4	54.9	82.3

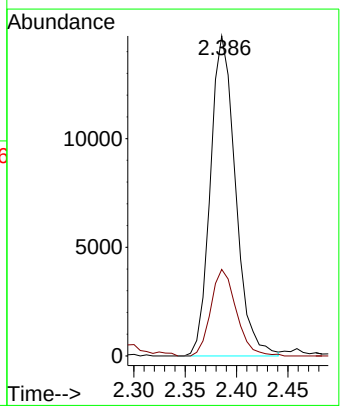


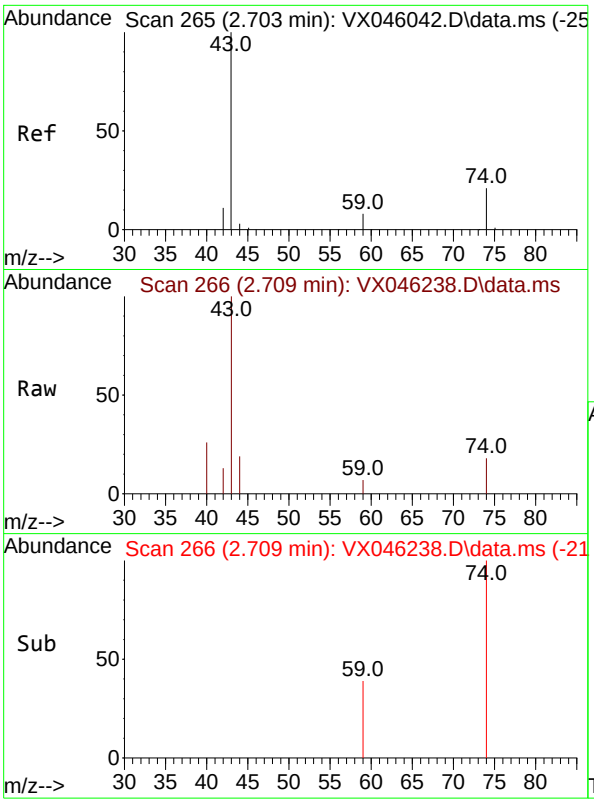


#16
Acetone
Concen: 56.972 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Tgt Ion: 43 Resp: 25043

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.2	31.8



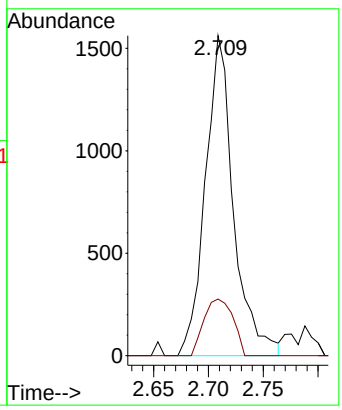


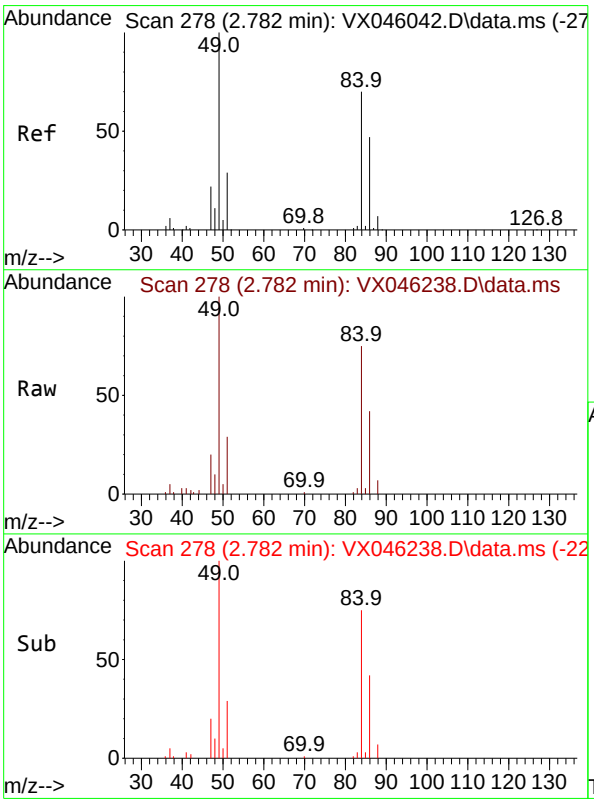
#18
Methyl Acetate
Concen: 2.736 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Tgt Ion: 43 Resp: 2791

Ion	Ratio	Lower	Upper
43	100		
74	18.3	16.7	25.1

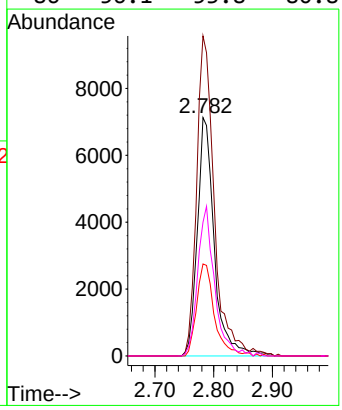


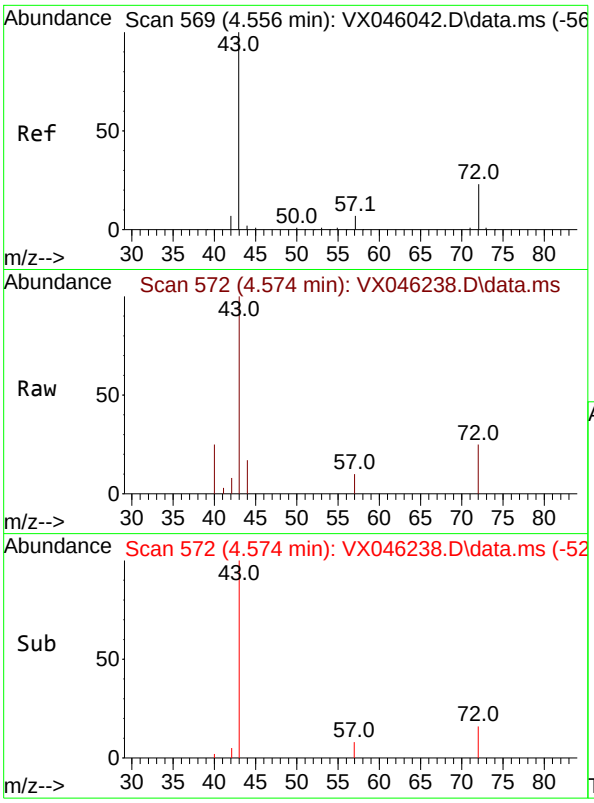


#20
Methylene Chloride
Concen: 16.932 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Tgt Ion: 84 Resp: 14263

Ion	Ratio	Lower	Upper
84	100		
49	134.2	113.9	170.9
51	38.6	33.5	50.3
86	56.1	53.8	80.8



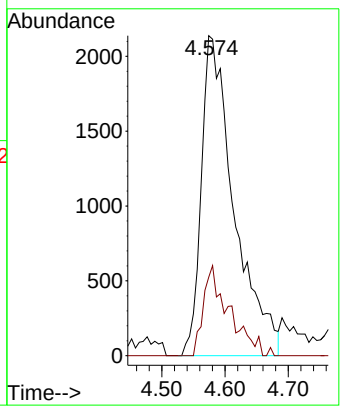


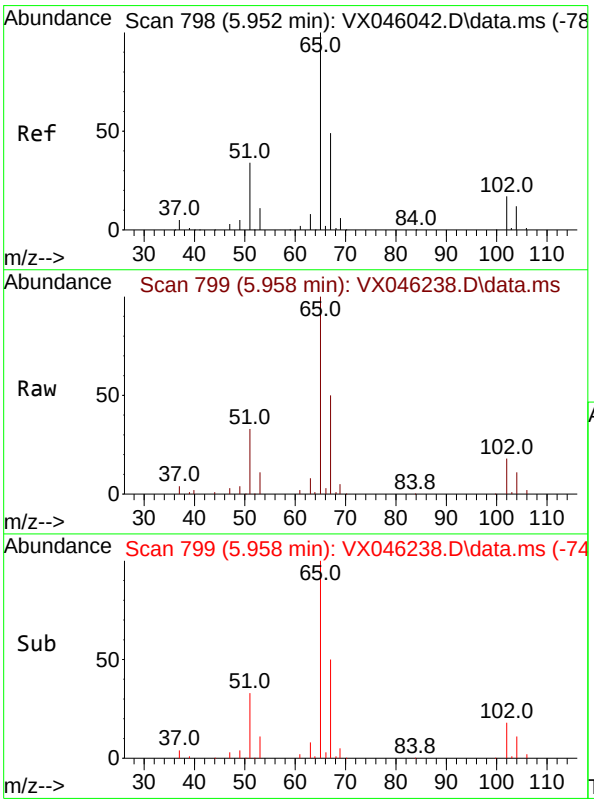
#25
2-Butanone
Concen: 12.093 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Tgt Ion: 43 Resp: 7717

Ion	Ratio	Lower	Upper
43	100		
72	24.6	18.4	27.6

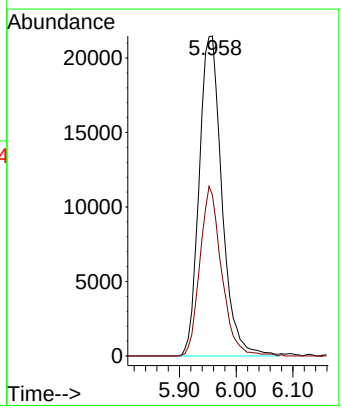


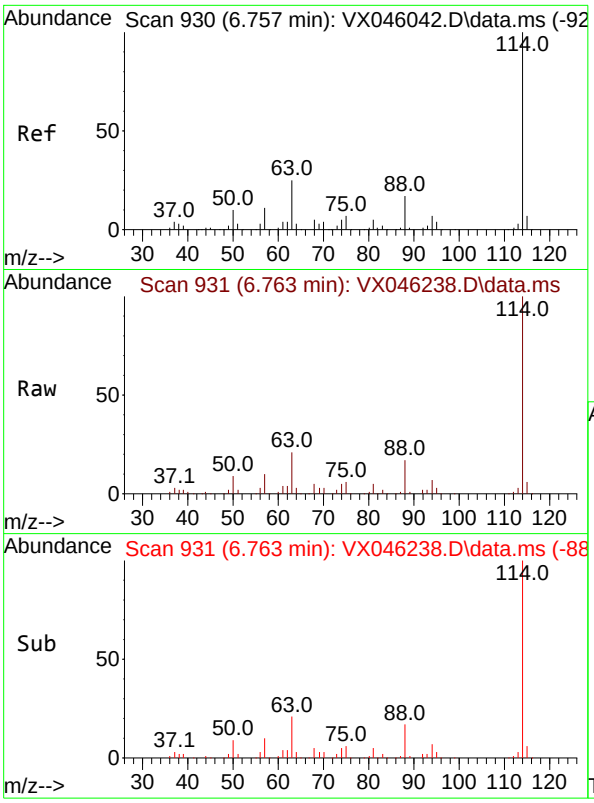


#33
1,2-Dichloroethane-d4
Concen: 54.594 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Tgt Ion: 65 Resp: 59852

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.0



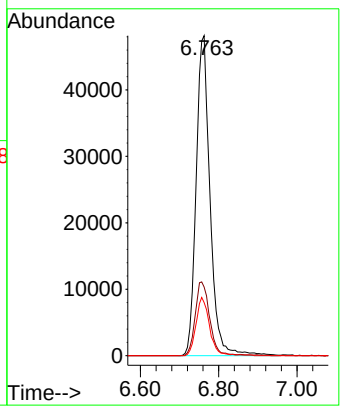


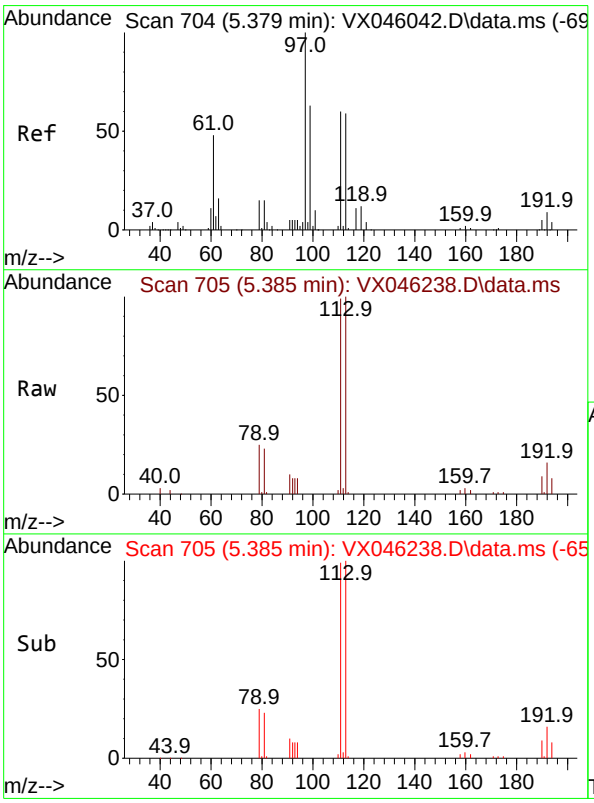
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Tgt Ion:114 Resp: 119129

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	49.2
88	16.6	0.0	33.6

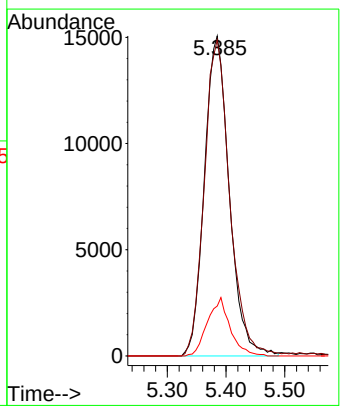


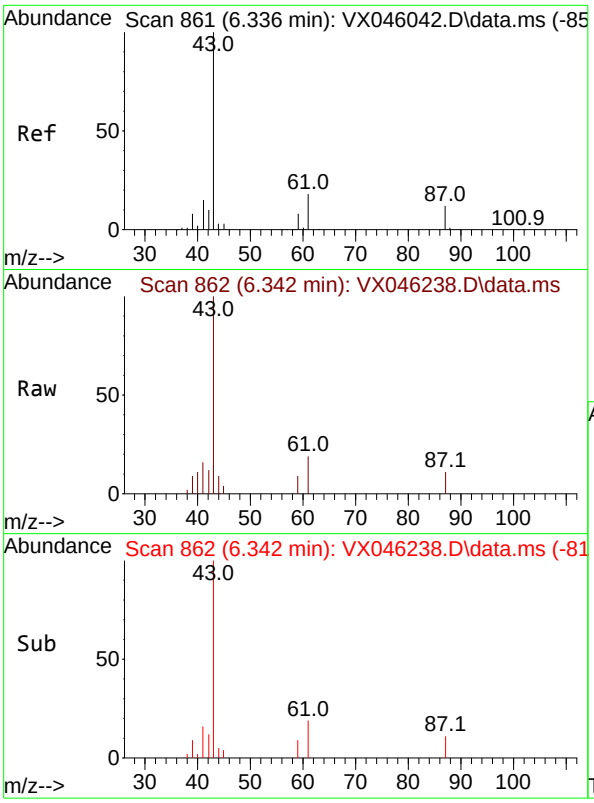


#35
Dibromofluoromethane
Concen: 51.661 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Tgt Ion:113 Resp: 44318

Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.1	124.7
192	16.6	13.3	19.9



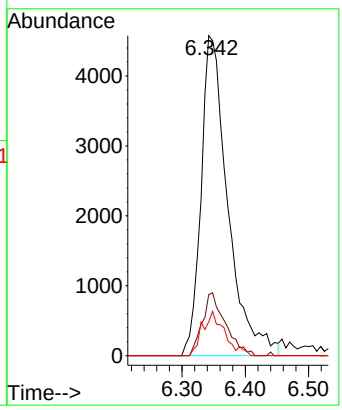


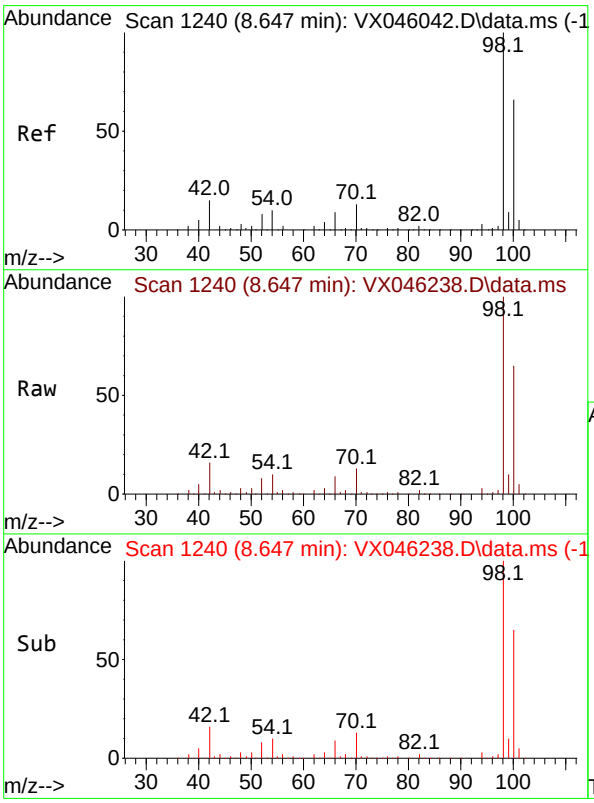
#43
Isopropyl Acetate
Concen: 6.200 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Tgt Ion: 43 Resp: 13469

Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.3	21.5
87	11.5	9.5	14.3

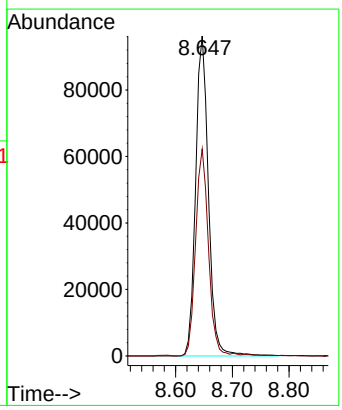


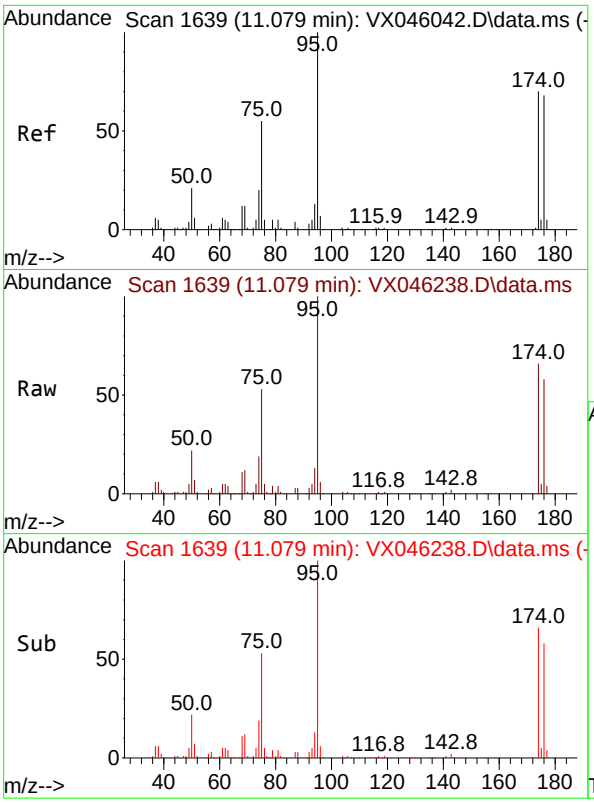


#50
Toluene-d8
Concen: 50.838 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Tgt Ion: 98 Resp: 150946

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.5	80.3



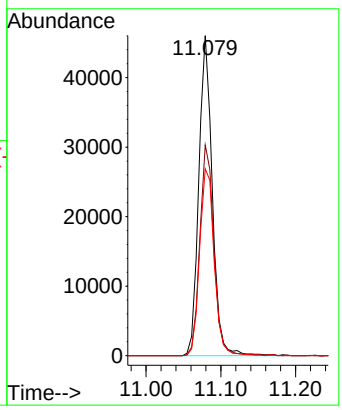


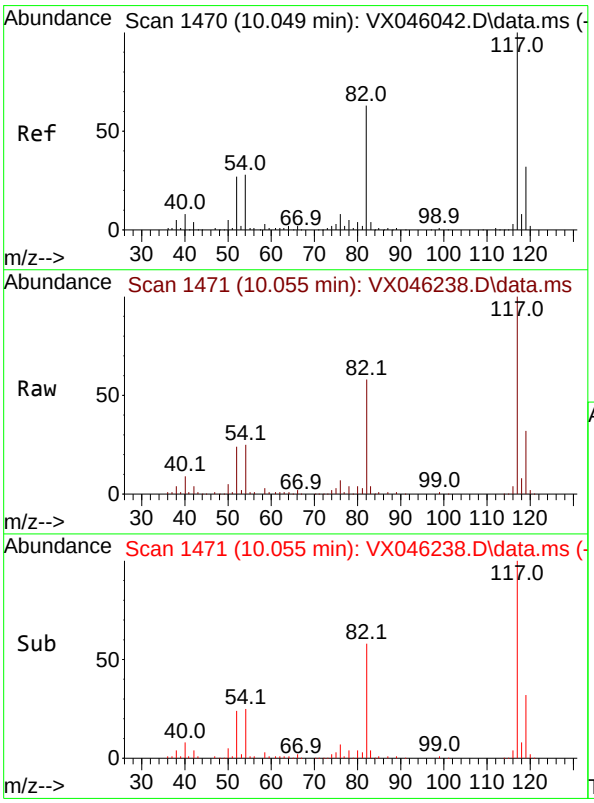
#62
4-Bromofluorobenzene
Concen: 50.602 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Tgt Ion: 95 Resp: 57632

Ion	Ratio	Lower	Upper
95	100		
174	68.4	0.0	135.8
176	63.0	0.0	131.4

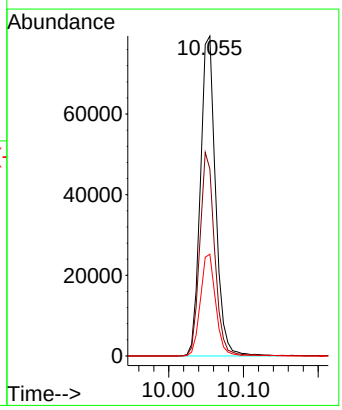


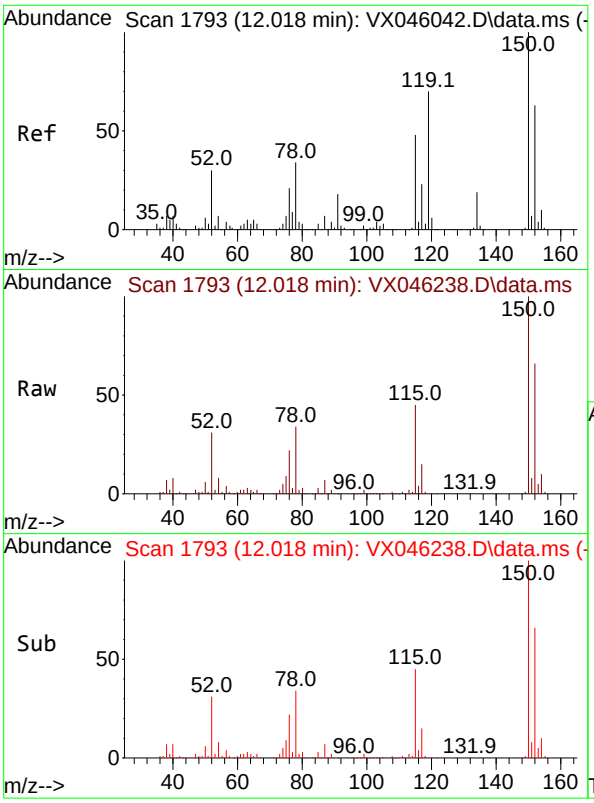


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046238.D
Acq: 16 May 2025 13:21

Tgt Ion:117 Resp: 112281

Ion	Ratio	Lower	Upper
117	100		
82	58.4	50.6	76.0
119	31.8	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: VX046238.D
Acq: 16 May 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
L2-WC-3

Tgt Ion:152 Resp: 47558

Ion	Ratio	Lower	Upper
152	100		
115	66.2	46.9	140.7
150	154.6	0.0	351.0