Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046036.D
Acq On : 02 May 2025 18:32
Operator : JC/MD
Sample : PB167816TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Quant Time: May 02 23:21:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	64335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61884	52.599	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	5.385	113	45092	50.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	8.647	98	158733	51.435	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.880%			
62) 4-Bromofluorobenzene	11.079	95	59544	52.970	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.940%			
Target Compounds						Qvalue
16) Acetone	2.386	43	23519	48.682	ug/l	97
18) Methyl Acetate	2.709	43	2330	2.095	ug/l	92
20) Methylene Chloride	2.788	84	5537	6.122	ug/l	94
25) 2-Butanone	4.586	43	3939	5.570	ug/l	94
43) Isopropyl Acetate	6.348	43	12550	5.504	ug/l	100

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

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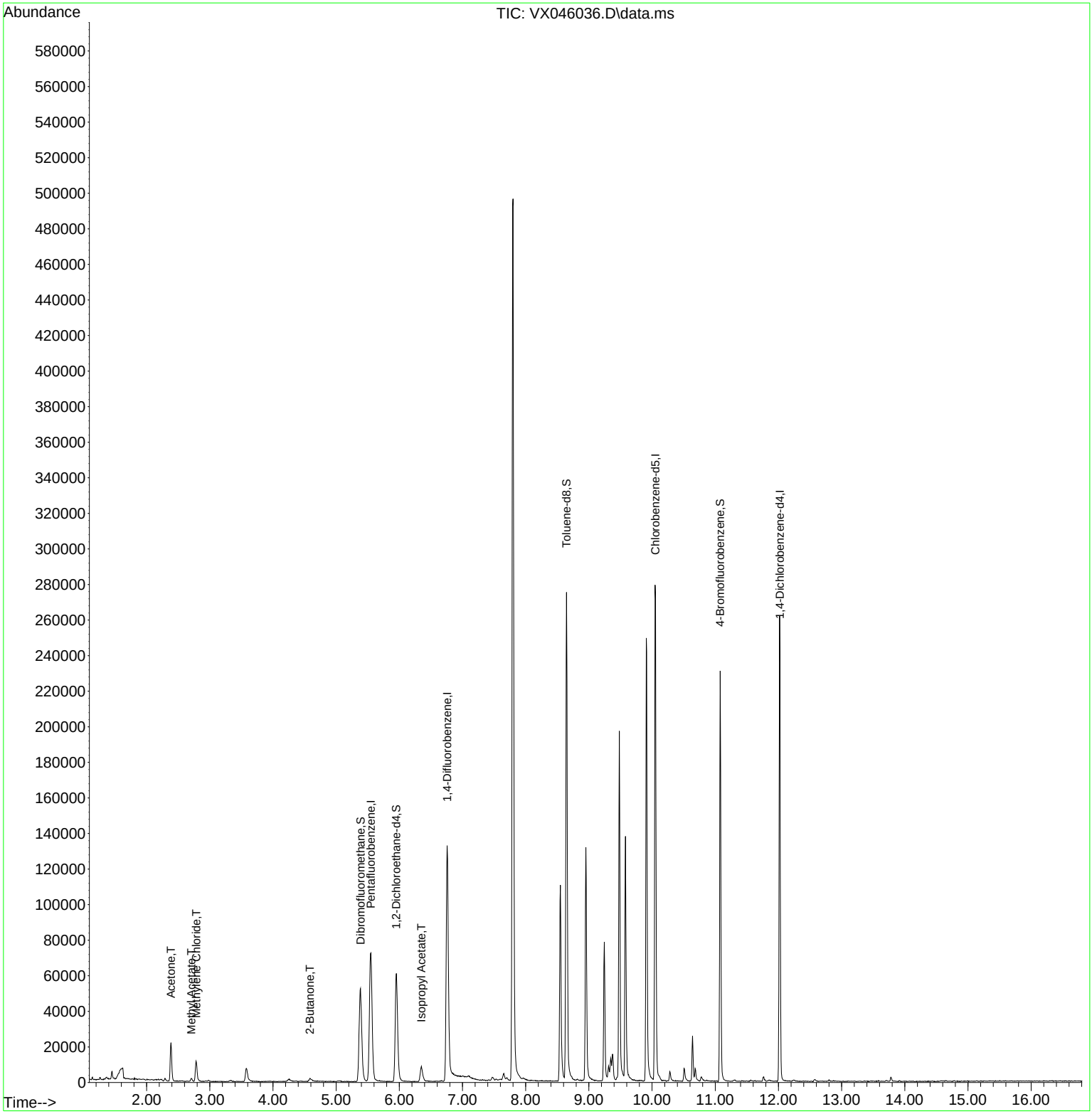
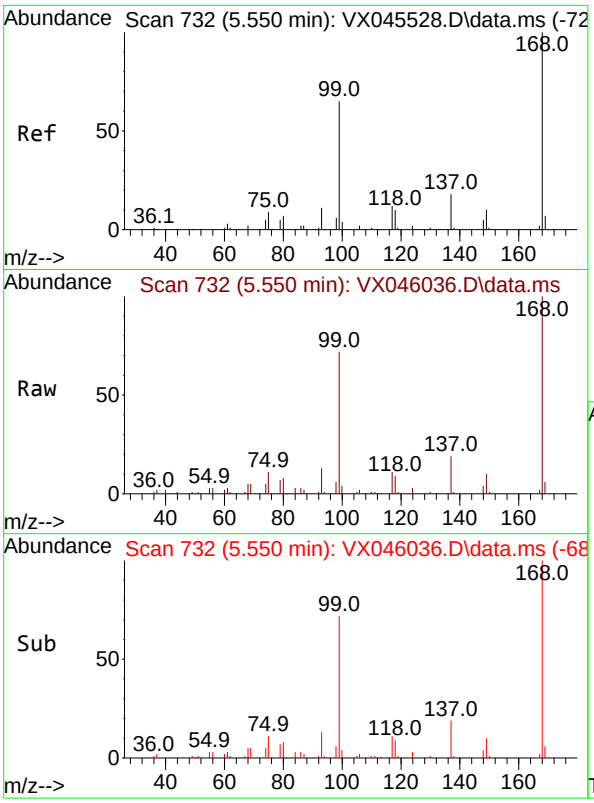


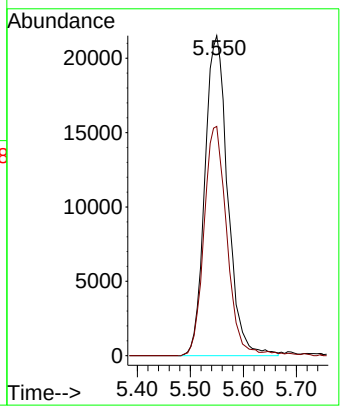


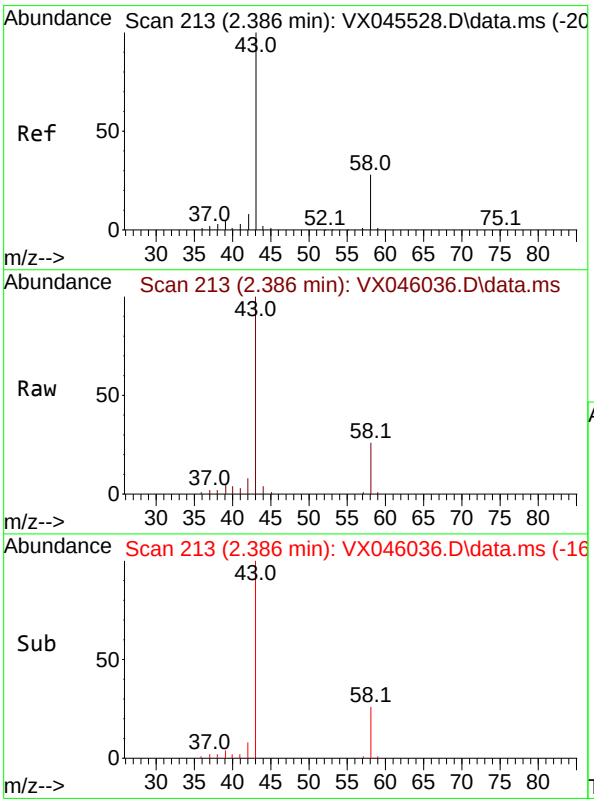
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Tgt Ion:168 Resp: 64335

Ion	Ratio	Lower	Upper
168	100		
99	71.6	52.3	78.5

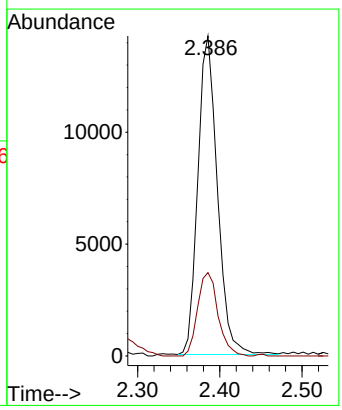


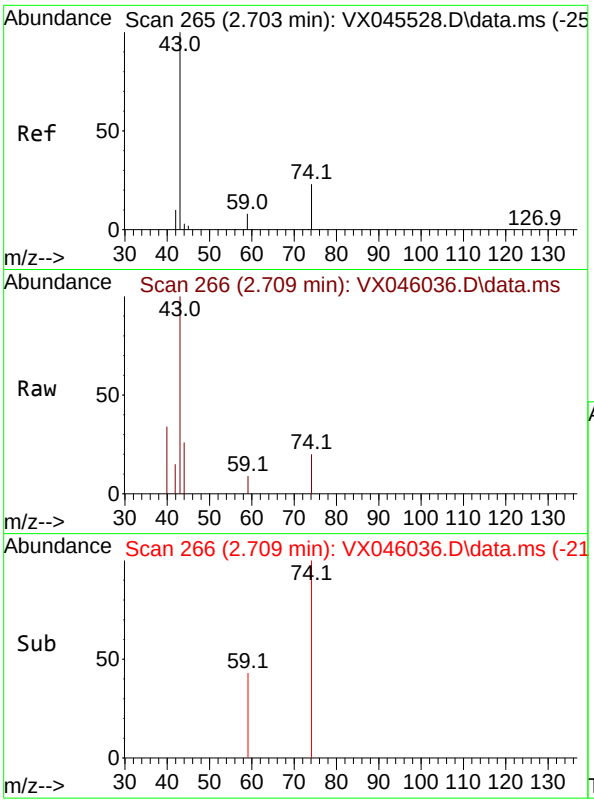


#16
Acetone
Concen: 48.682 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Tgt Ion: 43 Resp: 23519

Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.3	33.5



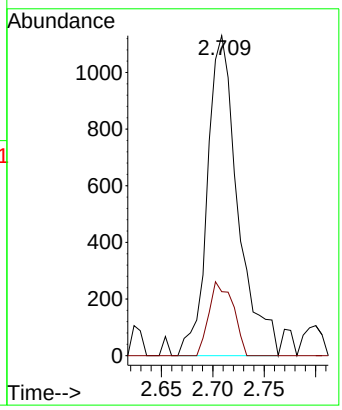


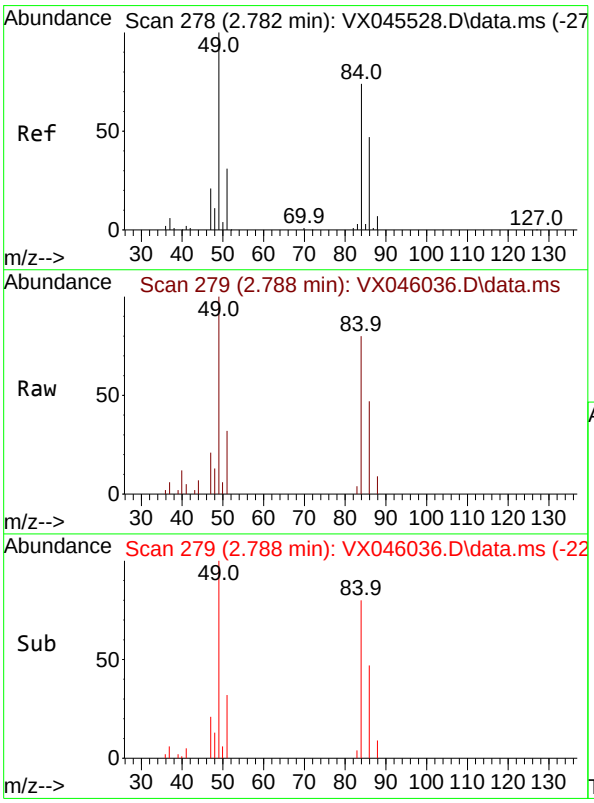
#18
Methyl Acetate
Concen: 2.095 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Tgt Ion: 43 Resp: 2330

Ion	Ratio	Lower	Upper
43	100		
74	18.3	17.5	26.3

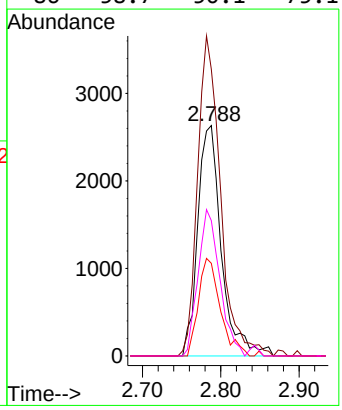


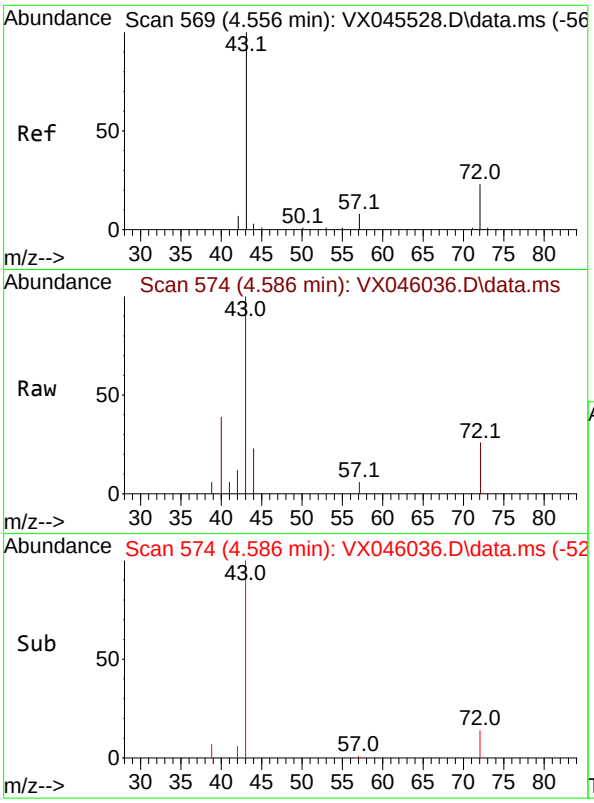


#20
Methylene Chloride
Concen: 6.122 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Tgt Ion: 84 Resp: 5537

Ion	Ratio	Lower	Upper
84	100		
49	124.5	107.5	161.3
51	40.2	33.0	49.6
86	58.7	50.1	75.1



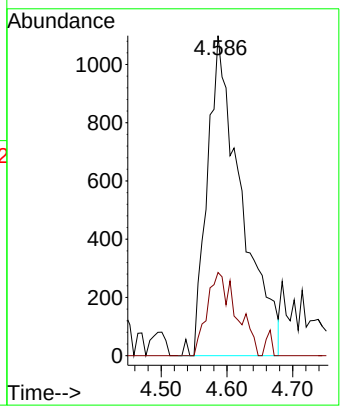


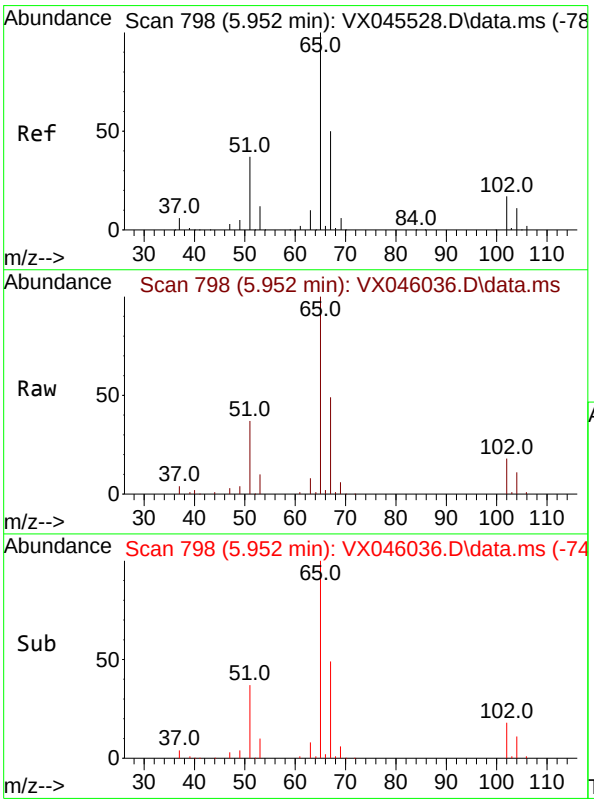
#25
2-Butanone
Concen: 5.570 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Tgt Ion: 43 Resp: 3939

Ion	Ratio	Lower	Upper
43	100		
72	26.0	18.6	28.0

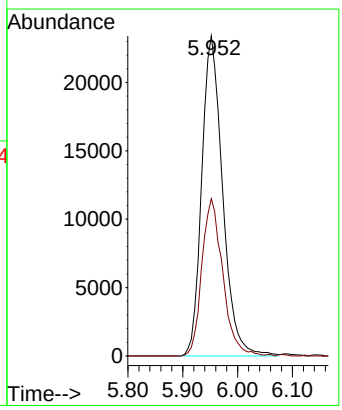


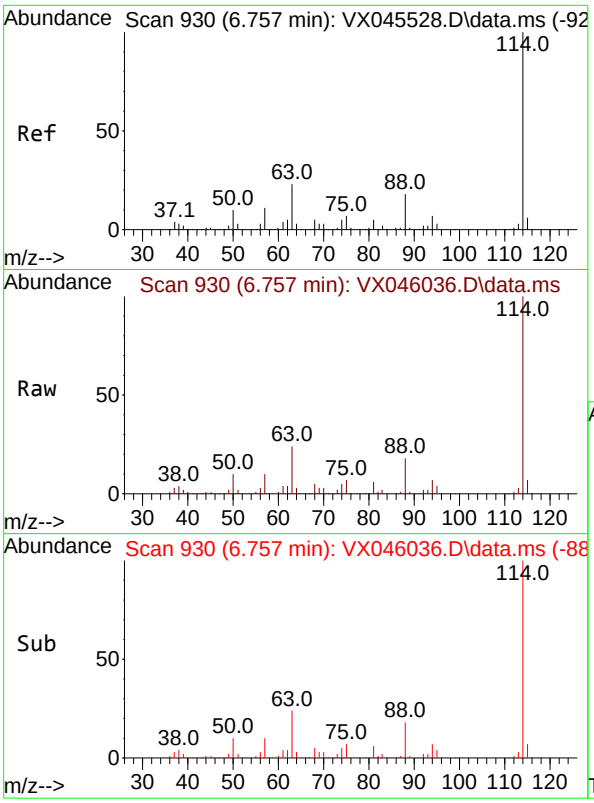


#33
1,2-Dichloroethane-d4
Concen: 52.599 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Tgt Ion: 65 Resp: 61884

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0



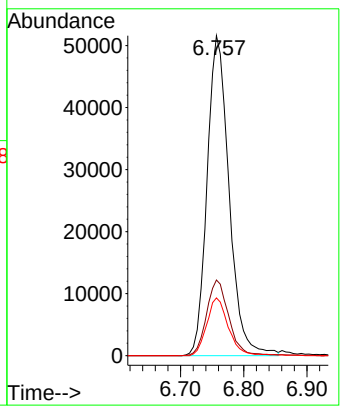


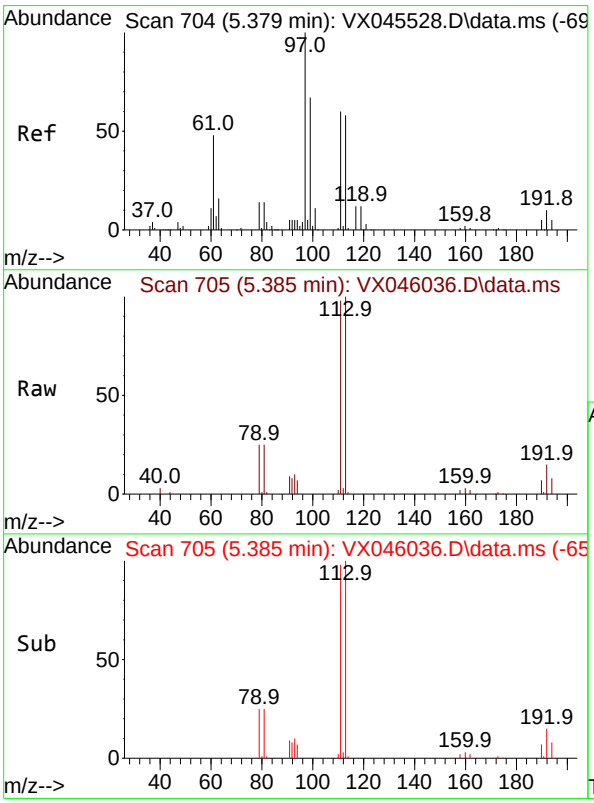
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Tgt Ion:114 Resp: 124618

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.8
88	18.0	0.0	35.4

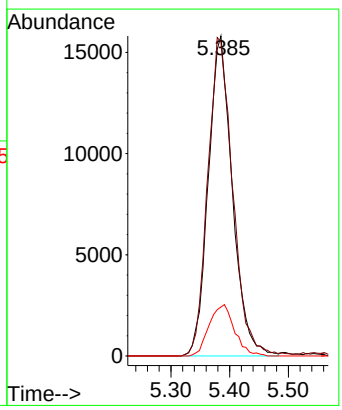


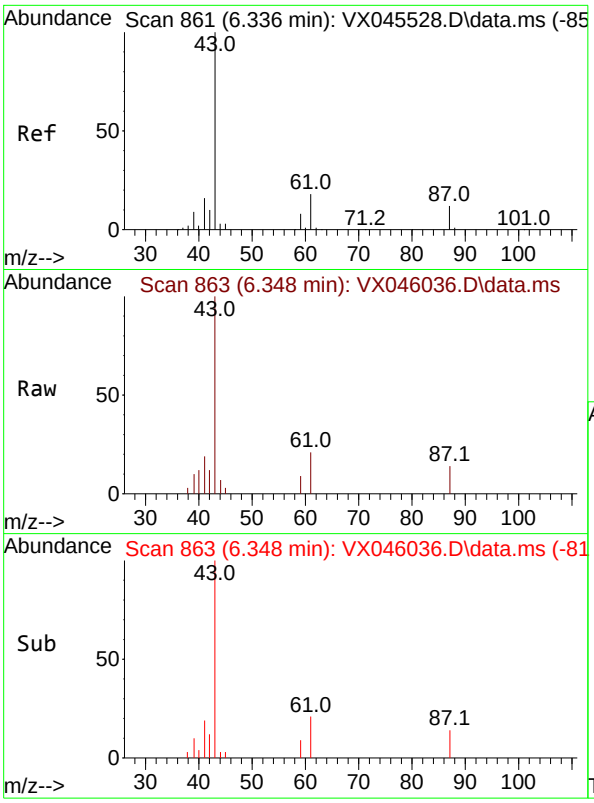


#35
Dibromofluoromethane
Concen: 50.999 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Tgt Ion:113 Resp: 45092

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	16.9	13.8	20.6



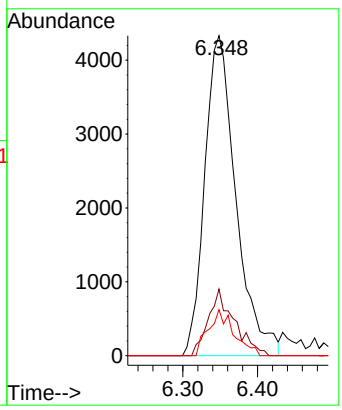


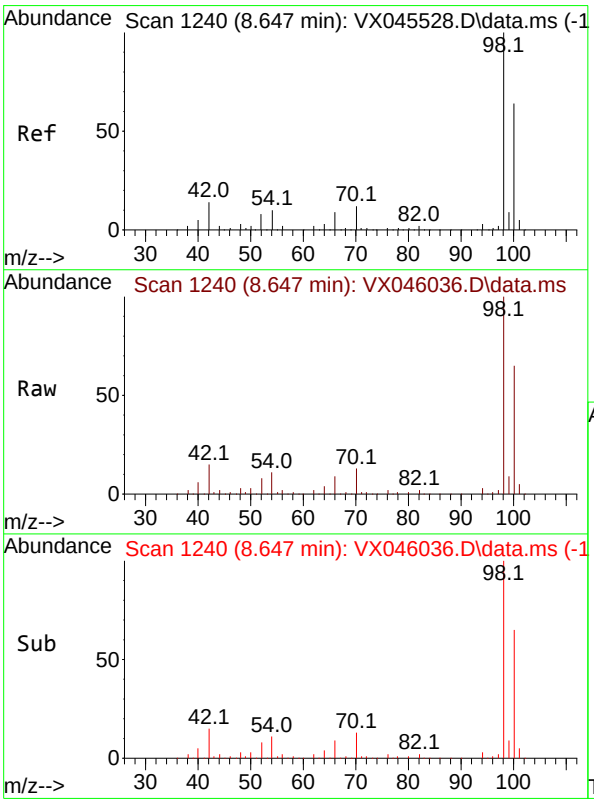
#43
Isopropyl Acetate
Concen: 5.504 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Tgt Ion: 43 Resp: 12550

Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.1	21.1
87	11.8	9.2	13.8

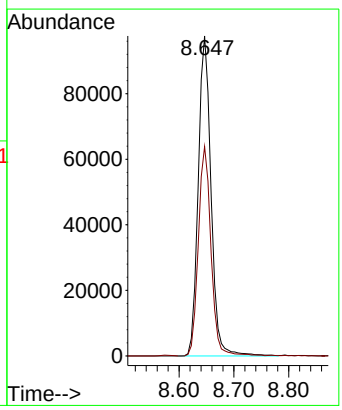


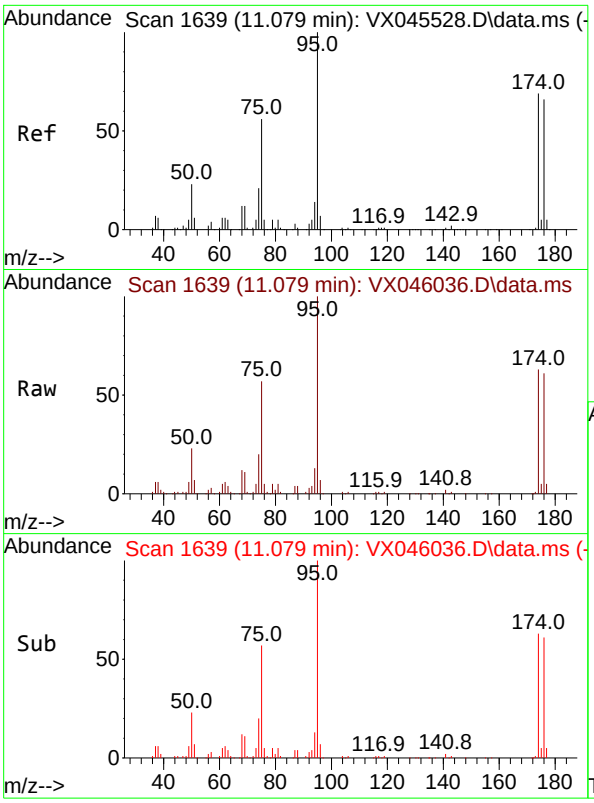


#50
Toluene-d8
Concen: 51.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Tgt Ion: 98 Resp: 158733

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4



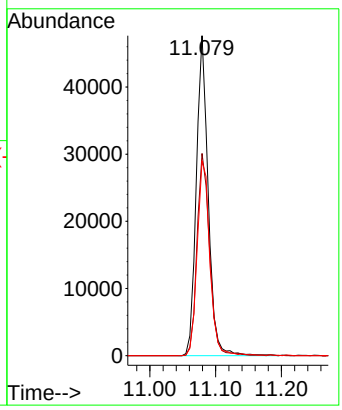


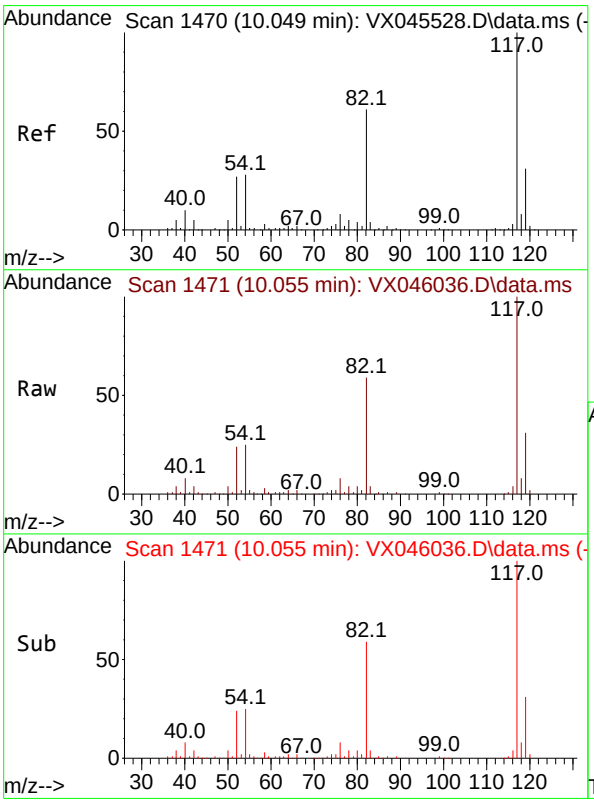
#62
4-Bromofluorobenzene
Concen: 52.970 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Tgt Ion: 95 Resp: 59544

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	64.9	0.0	131.4

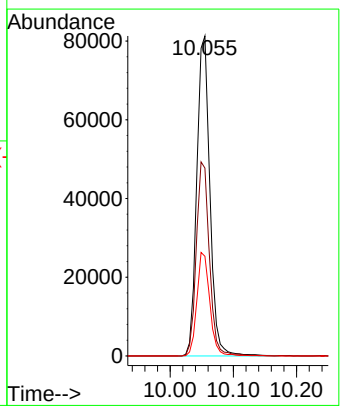


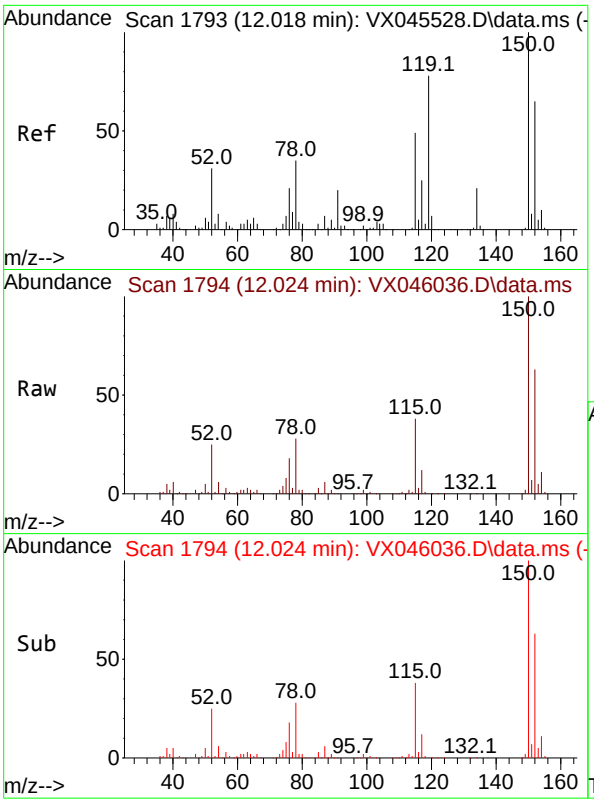


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Tgt Ion:117 Resp: 117490

Ion	Ratio	Lower	Upper
117	100		
82	58.7	49.2	73.8
119	31.1	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046036.D
Acq: 02 May 2025 18:32

Instrument :
MSVOA_X
ClientSampleId :
PB167816TB

Tgt Ion:152 Resp: 47706

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	159.5	0.0	349.4