Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
Data File : VX046145.D
Acq On : 12 May 2025 17:52
Operator : JC/MD
Sample : Q2004-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

Quant Time: May 13 03:21:55 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	64592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67227	55.827	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.660%			
35) Dibromofluoromethane	5.379	113	49035	51.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.400%			
50) Toluene-d8	8.647	98	167185	50.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.079	95	63162	50.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.320%			
Target Compounds						Qvalue
16) Acetone	2.380	43	19752	40.909	ug/l	99
18) Methyl Acetate	2.709	43	2442	2.180	ug/l #	86
20) Methylene Chloride	2.782	84	3585	3.875	ug/l #	96
43) Isopropyl Acetate	6.355	43	9926	4.132	ug/l	98

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

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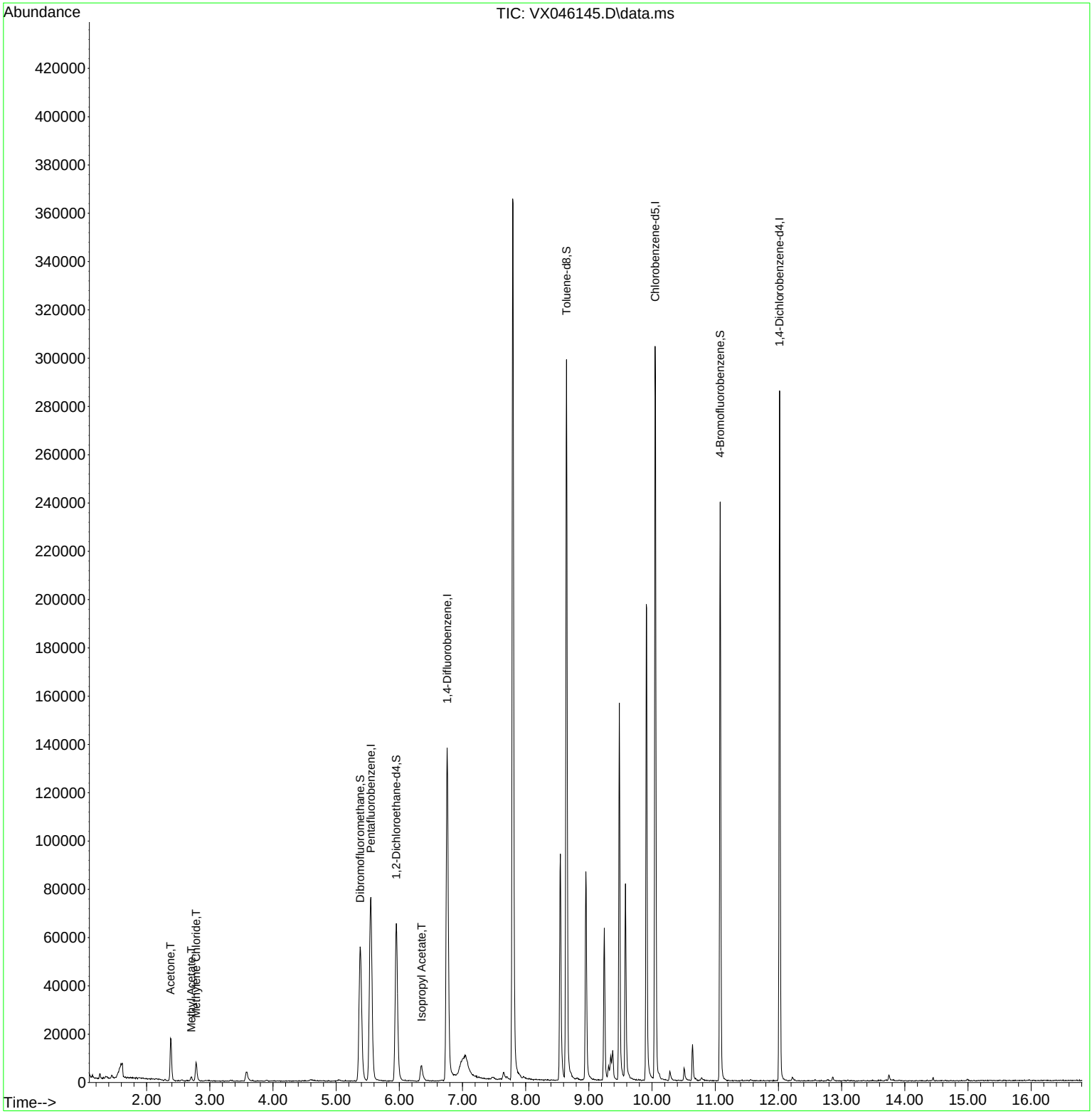
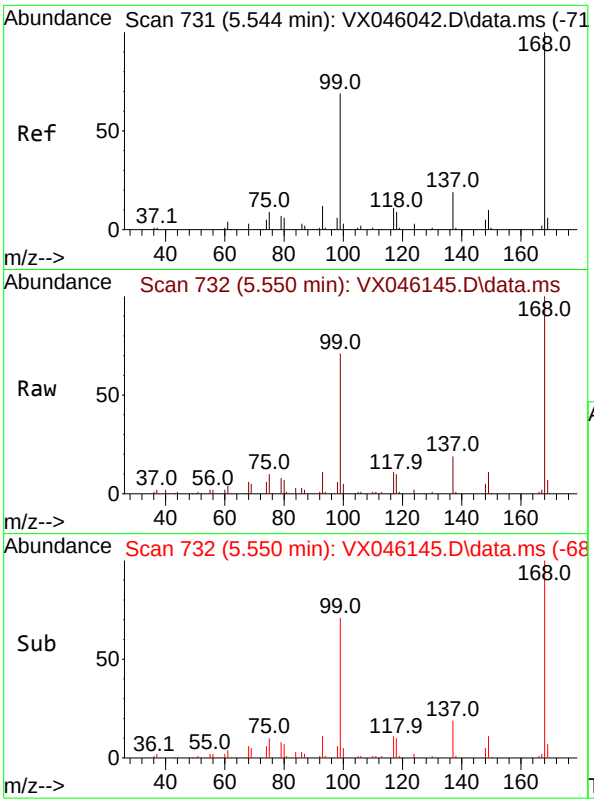


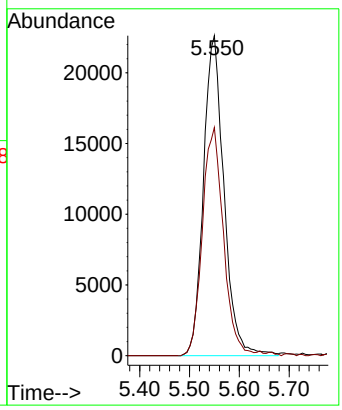


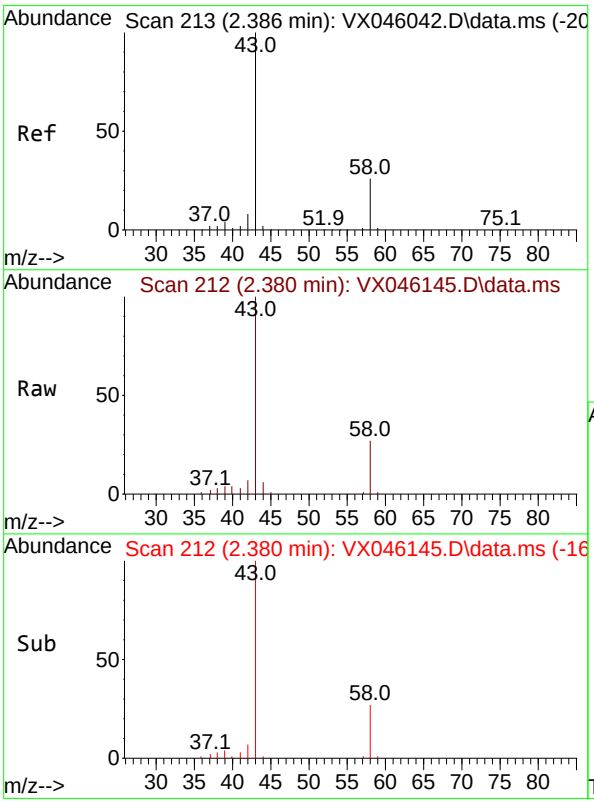
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

Tgt Ion:168 Resp: 64592

Ion	Ratio	Lower	Upper
168	100		
99	71.3	54.9	82.3

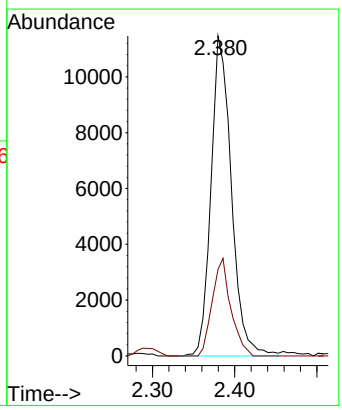


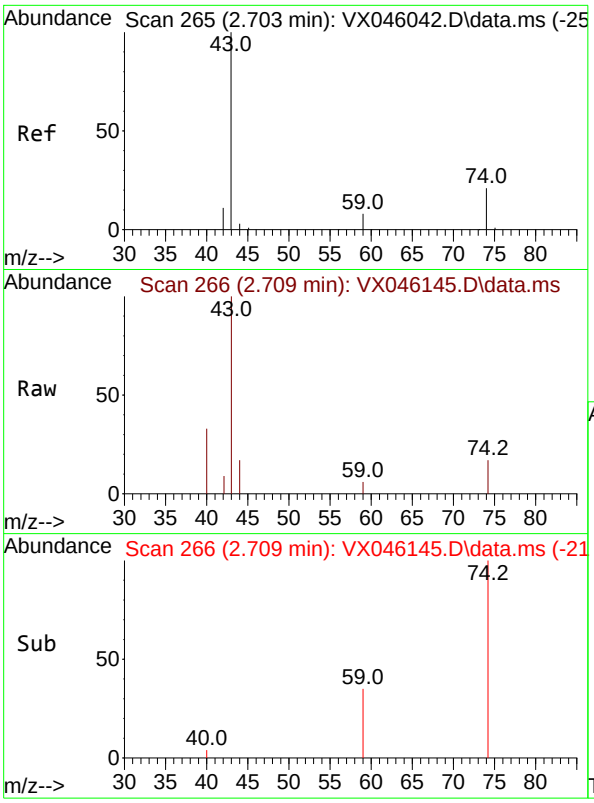


#16
Acetone
Concen: 40.909 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Tgt Ion: 43 Resp: 19752

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.2	31.8



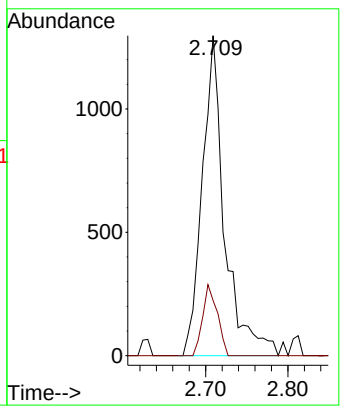


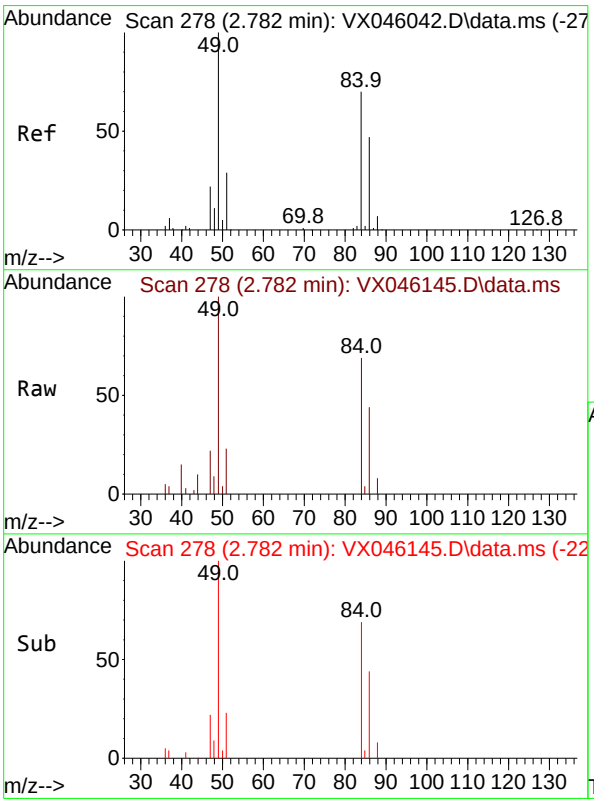
#18
Methyl Acetate
Concen: 2.180 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

Tgt Ion: 43 Resp: 2442

Ion	Ratio	Lower	Upper
43	100		
74	14.6	16.7	25.1#

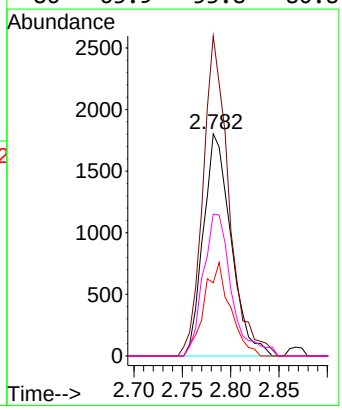


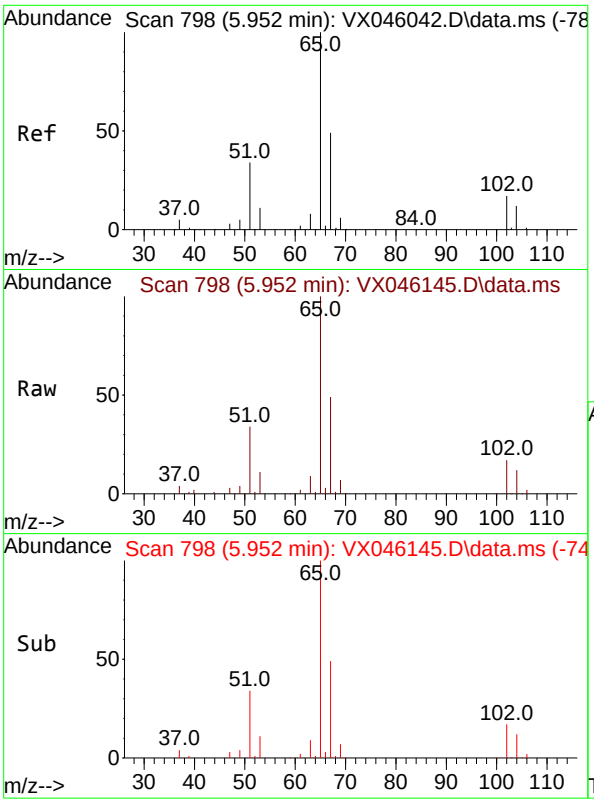


#20
Methylene Chloride
Concen: 3.875 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Tgt Ion: 84 Resp: 3585

Ion	Ratio	Lower	Upper
84	100		
49	144.1	113.9	170.9
51	32.9	33.5	50.3#
86	63.9	53.8	80.8



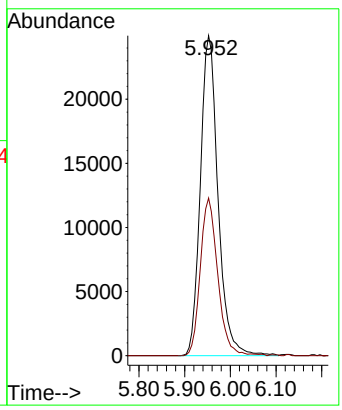


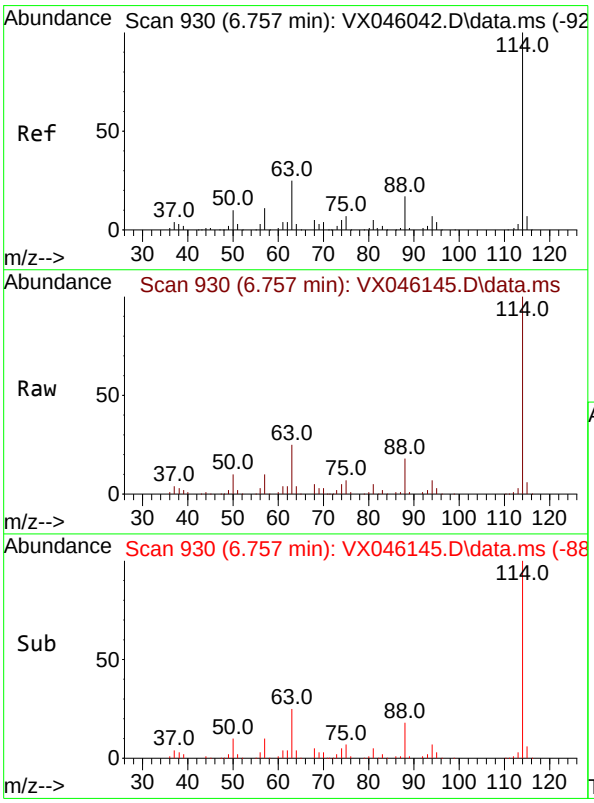
#33
1,2-Dichloroethane-d4
Concen: 55.827 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

Tgt Ion: 65 Resp: 67227

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	99.0

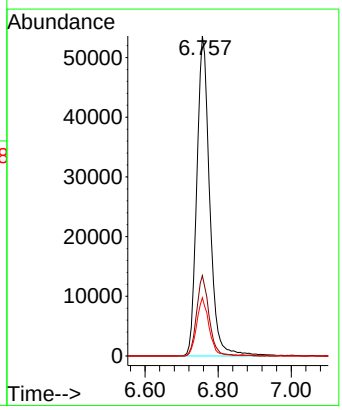


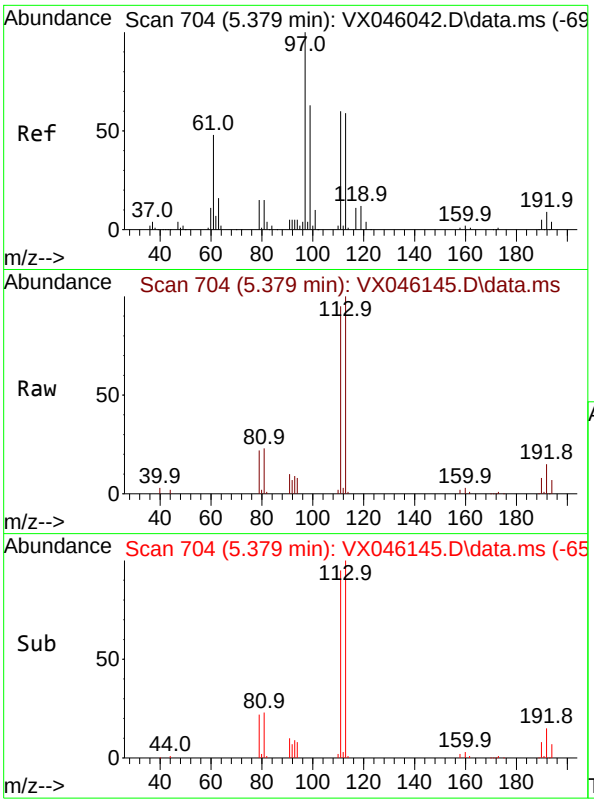


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Tgt Ion:114 Resp: 131713

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	49.2
88	18.2	0.0	33.6



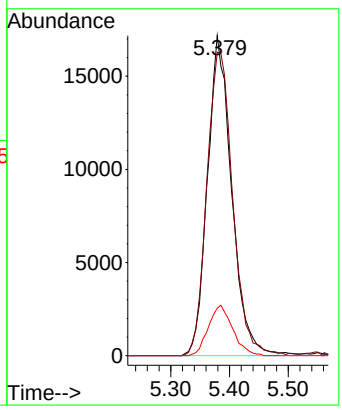


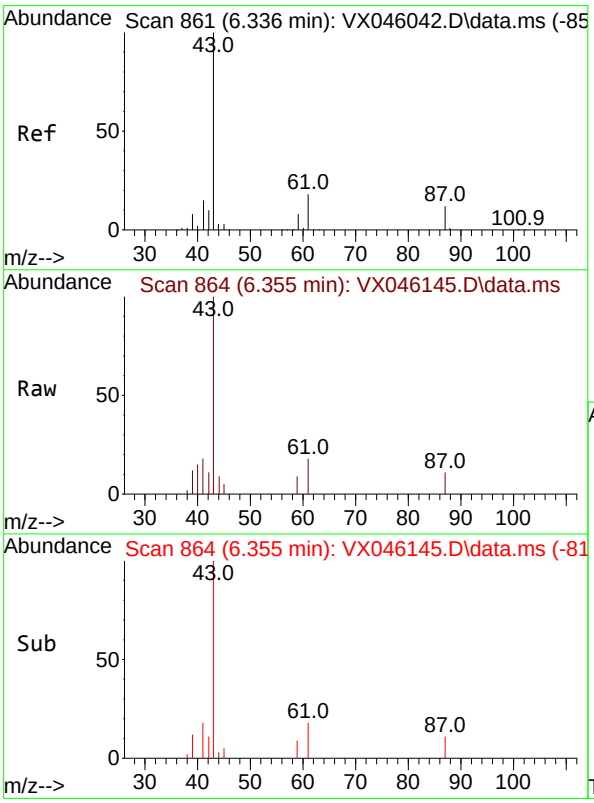
#35
Dibromofluoromethane
Concen: 51.699 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

Tgt Ion:113 Resp: 49035

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.1	124.7
192	15.9	13.3	19.9

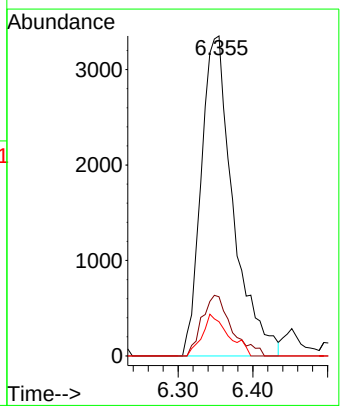


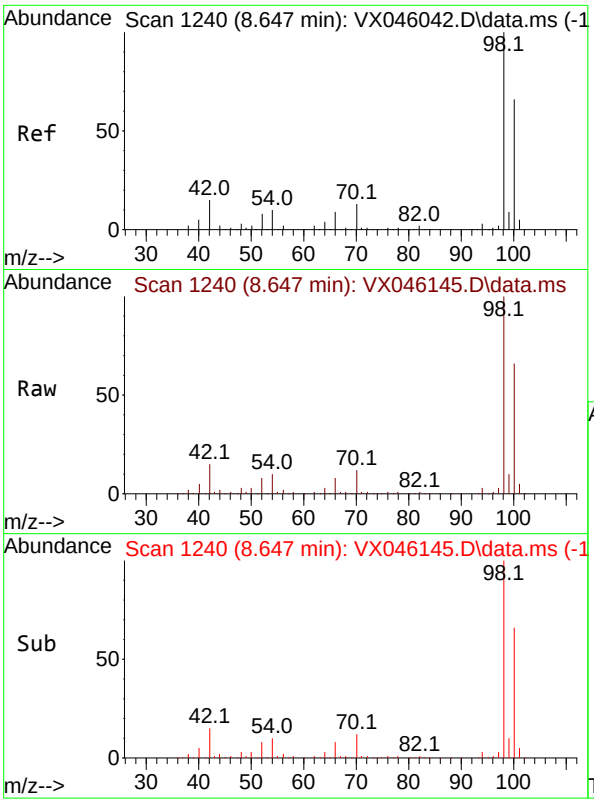


#43
Isopropyl Acetate
Concen: 4.132 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Tgt Ion: 43 Resp: 9926

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.3	21.5
87	10.7	9.5	14.3



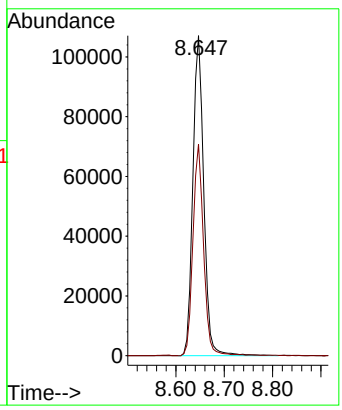


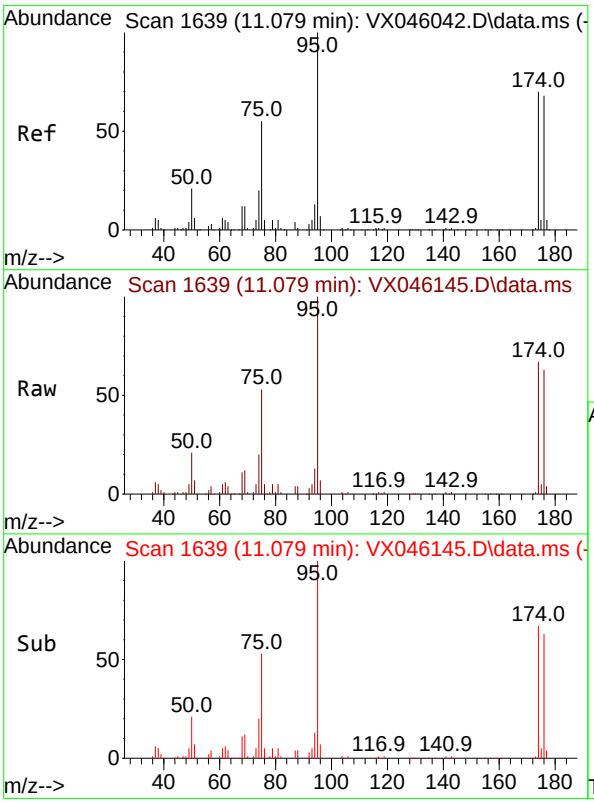
#50
Toluene-d8
Concen: 50.928 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

Tgt Ion: 98 Resp: 167185

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.5	80.3

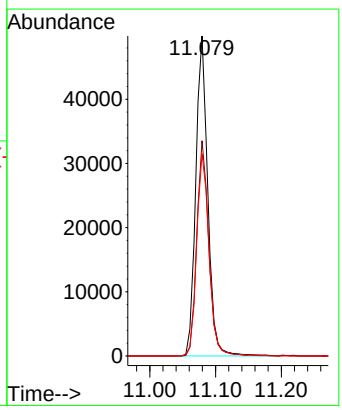


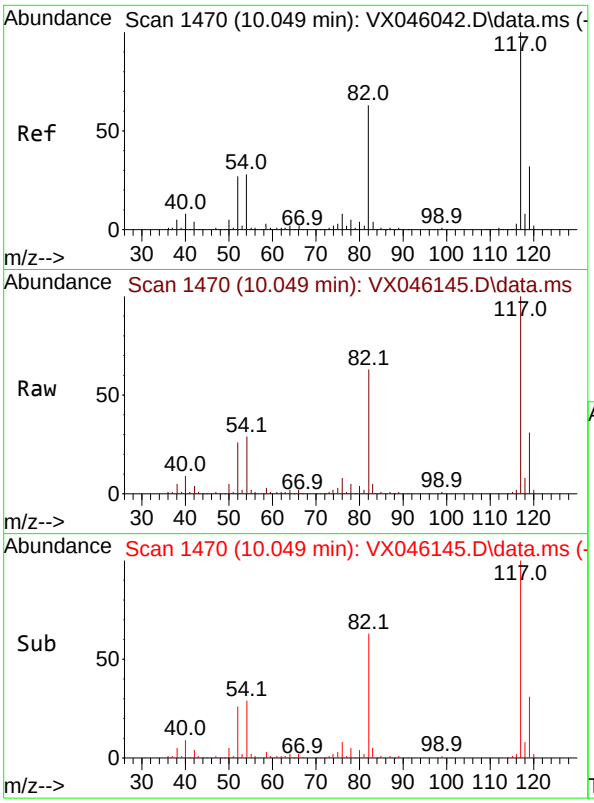


#62
4-Bromofluorobenzene
Concen: 50.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Tgt Ion: 95 Resp: 63162

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.8
176	64.9	0.0	131.4



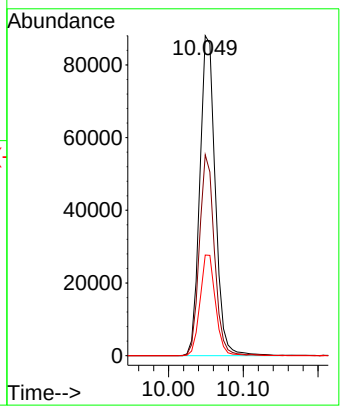


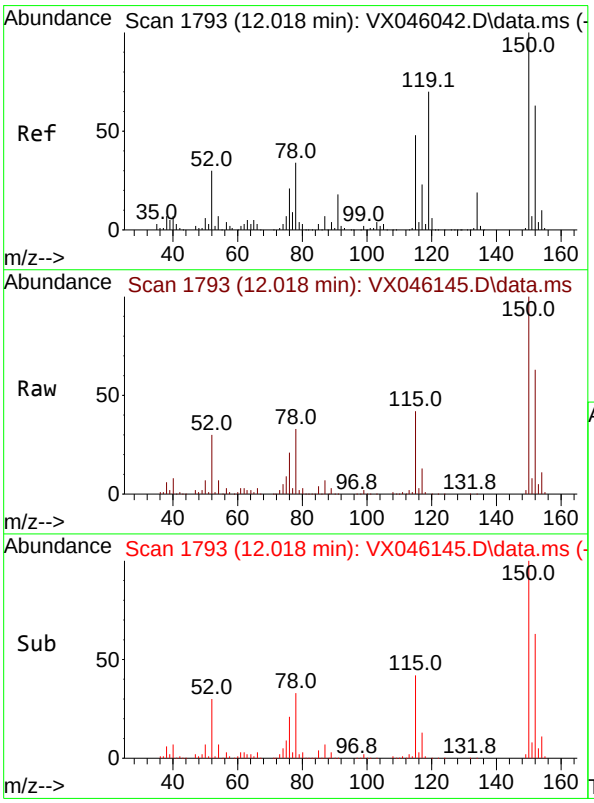
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

Tgt Ion:117 Resp: 126576

Ion	Ratio	Lower	Upper
117	100		
82	62.8	50.6	76.0
119	31.5	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046145.D
Acq: 12 May 2025 17:52

Tgt Ion:152 Resp: 51911

Ion	Ratio	Lower	Upper
152	100		
115	66.4	46.9	140.7
150	157.8	0.0	351.0