Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048270.D
Acq On : 21 Oct 2025 15:23
Operator : JC/MD
Sample : Q3381-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VNJ-255

Quant Time: Oct 22 13:43:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	100634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	201797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	80327	56.931	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.860%			
35) Dibromofluoromethane	5.373	113	66224	48.070	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.140%			
50) Toluene-d8	8.635	98	237495	49.183	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.360%			
62) 4-Bromofluorobenzene	11.061	95	111255	60.563	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.120%			
Target Compounds						Qvalue
16) Acetone	2.380	43	12131	25.062	ug/l	100
18) Methyl Acetate	2.703	43	2458	2.432	ug/l	99
20) Methylene Chloride	2.794	84	3070	2.603	ug/l #	82
43) Isopropyl Acetate	6.330	43	5881	2.206	ug/l	98

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

Quantitation Report (QT Reviewed)

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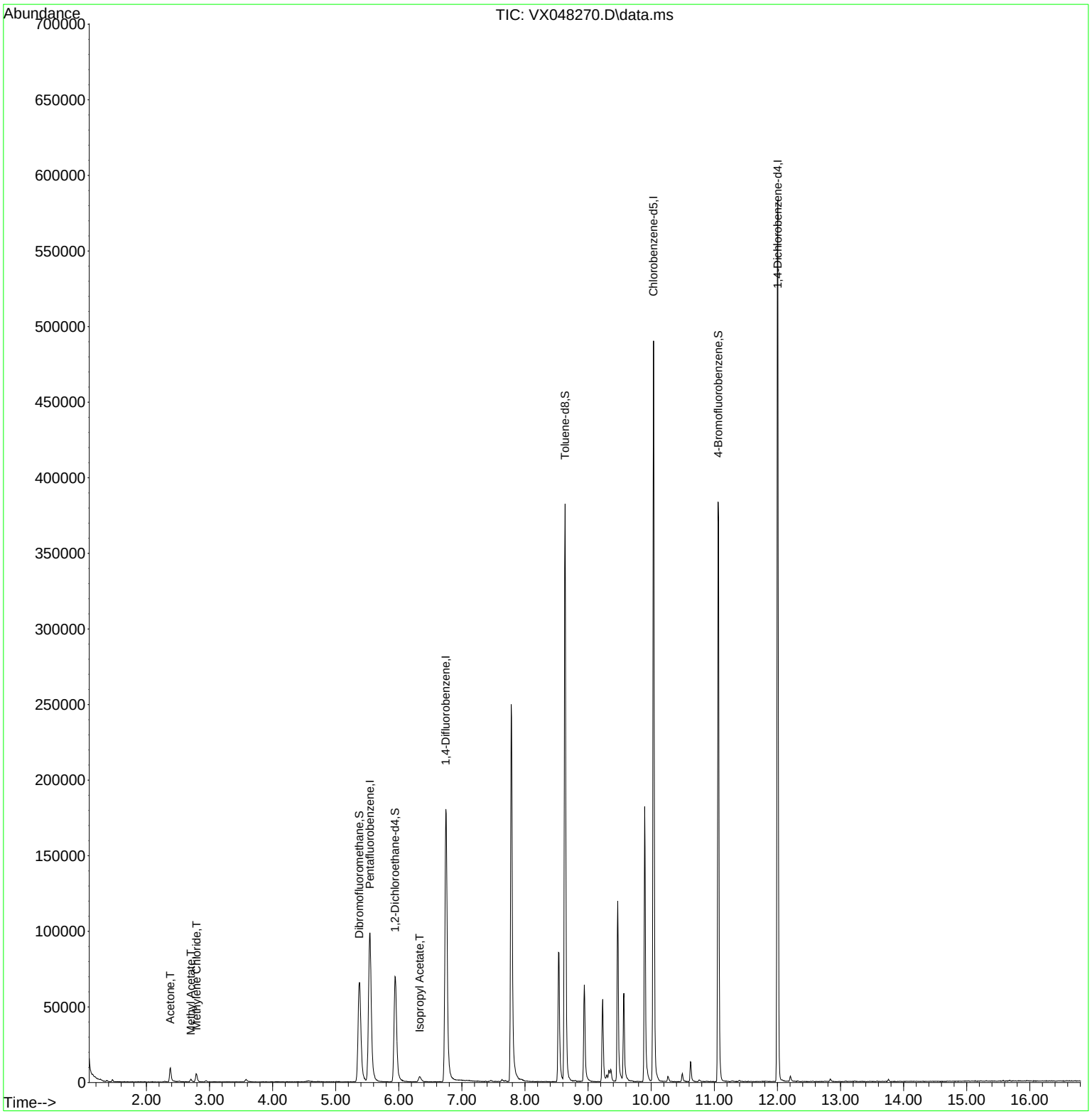
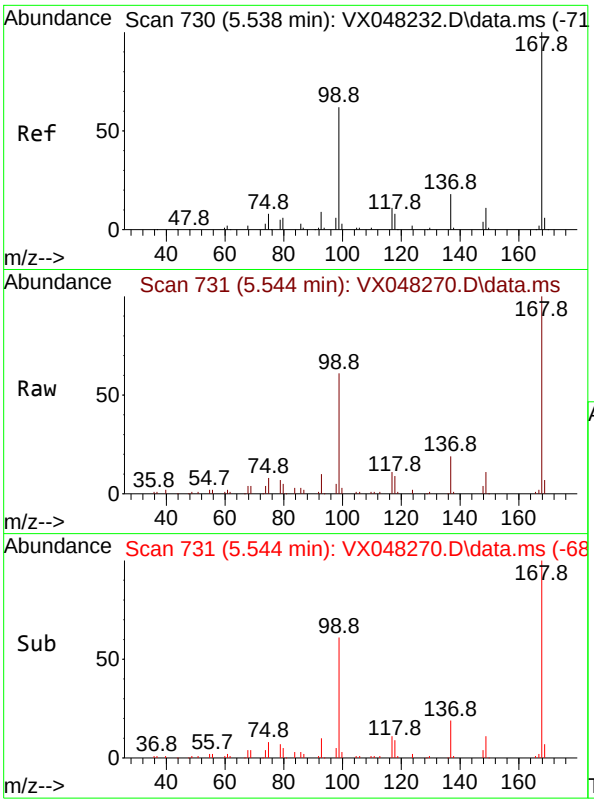


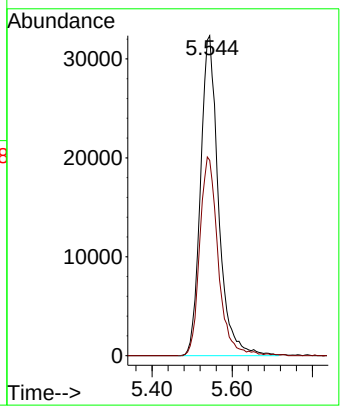


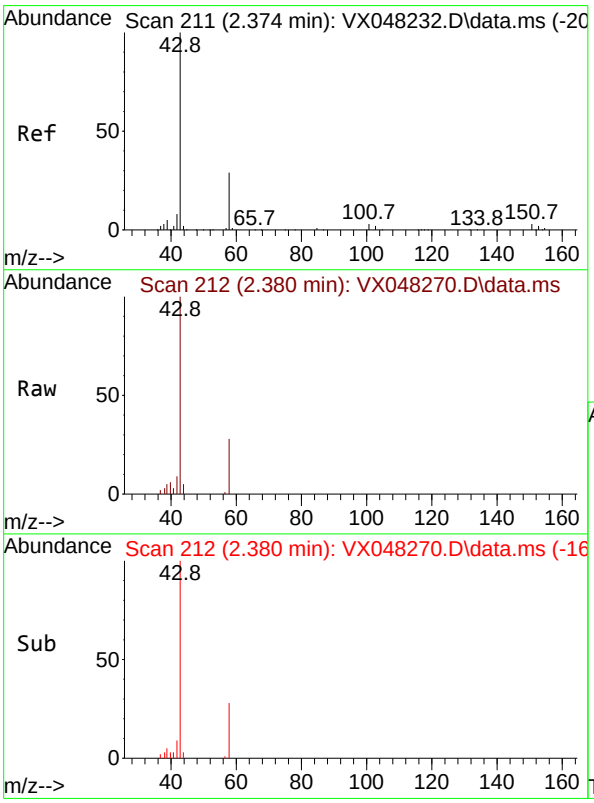
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
VNJ-255

Tgt Ion:168 Resp: 100634

Ion	Ratio	Lower	Upper
168	100		
99	61.1	46.4	69.6

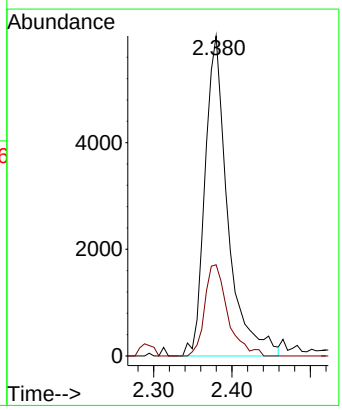


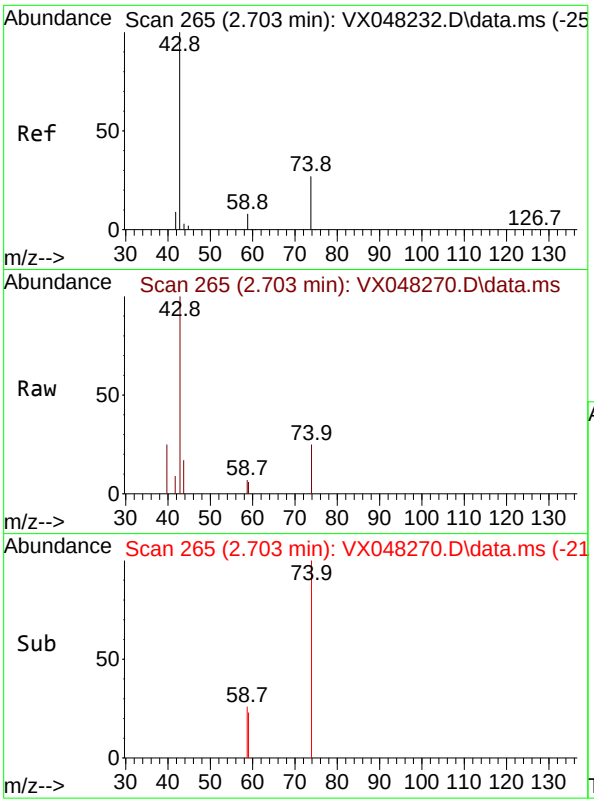


#16
Acetone
Concen: 25.062 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Tgt Ion: 43 Resp: 12131

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.2



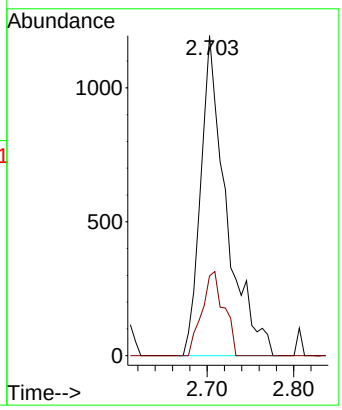


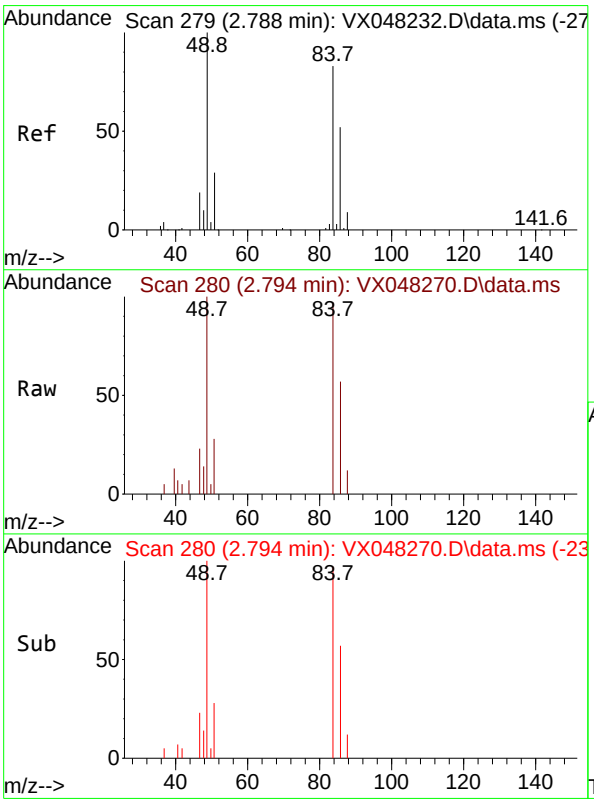
#18
Methyl Acetate
Concen: 2.432 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
VNJ-255

Tgt Ion: 43 Resp: 2458

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.5	26.3

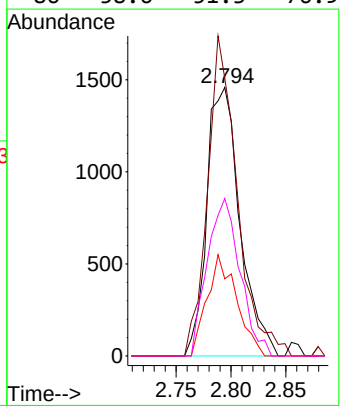


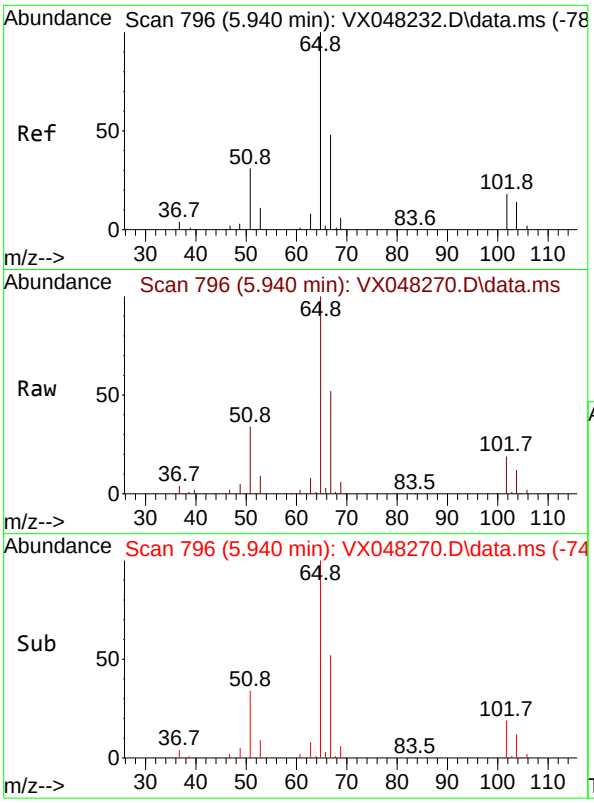


#20
Methylene Chloride
Concen: 2.603 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Tgt Ion: 84 Resp: 3070

Ion	Ratio	Lower	Upper
84	100		
49	103.4	104.1	156.1#
51	28.7	31.3	46.9#
86	58.6	51.3	76.9



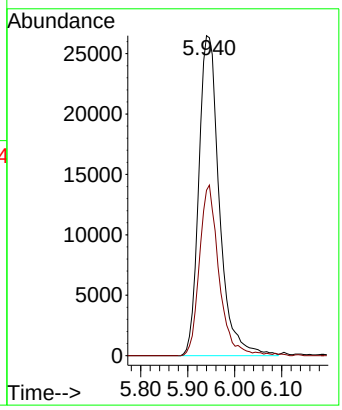


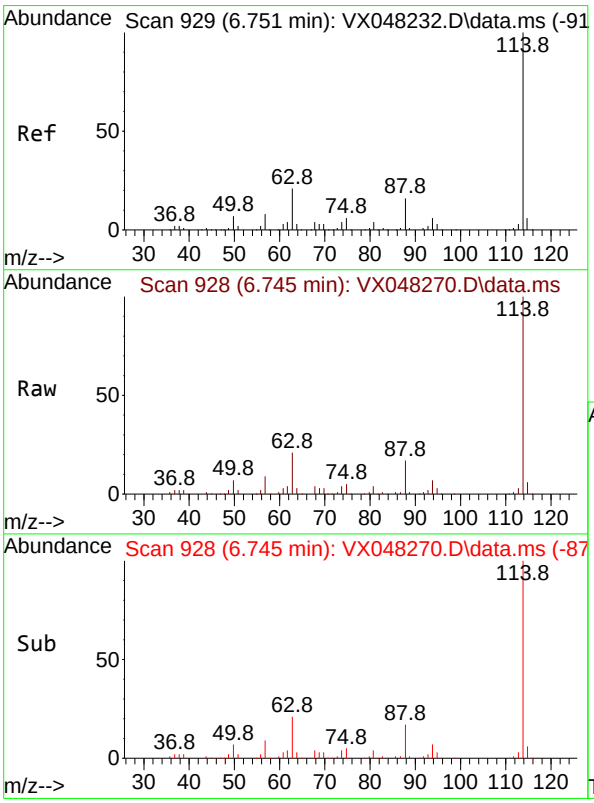
#33
1,2-Dichloroethane-d4
Concen: 56.931 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
VNJ-255

Tgt Ion: 65 Resp: 80327

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.0

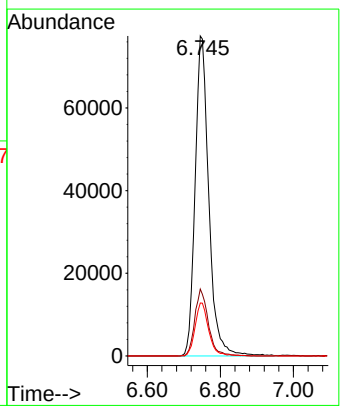


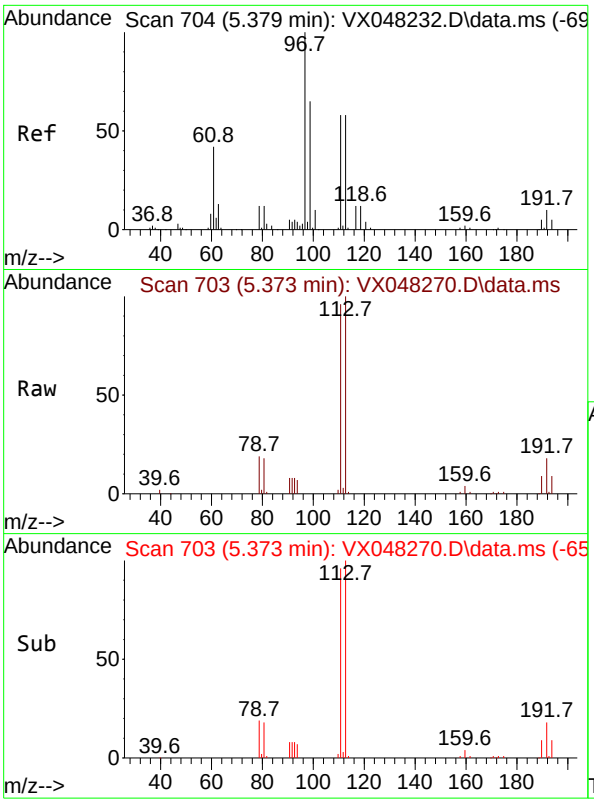


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Tgt Ion:114 Resp: 201797

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	16.5	0.0	33.6



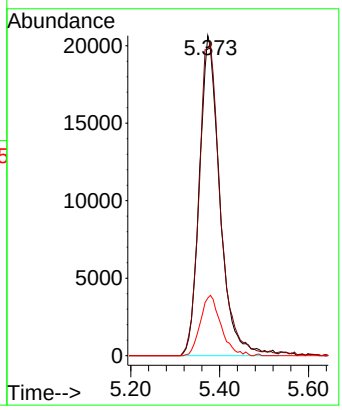


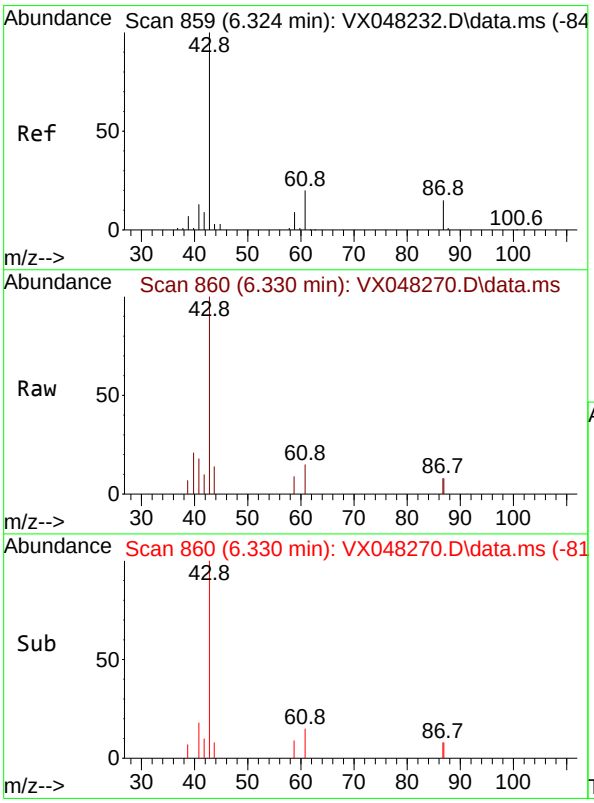
#35
Dibromofluoromethane
Concen: 48.070 ug/l
RT: 5.373 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
VNJ-255

Tgt Ion:113 Resp: 66224

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	18.9	15.1	22.7

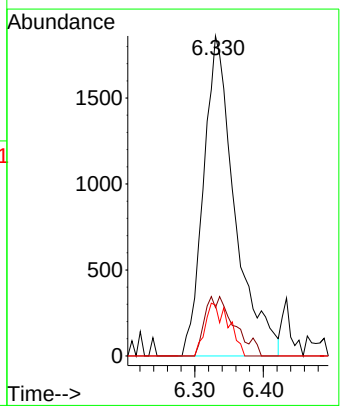


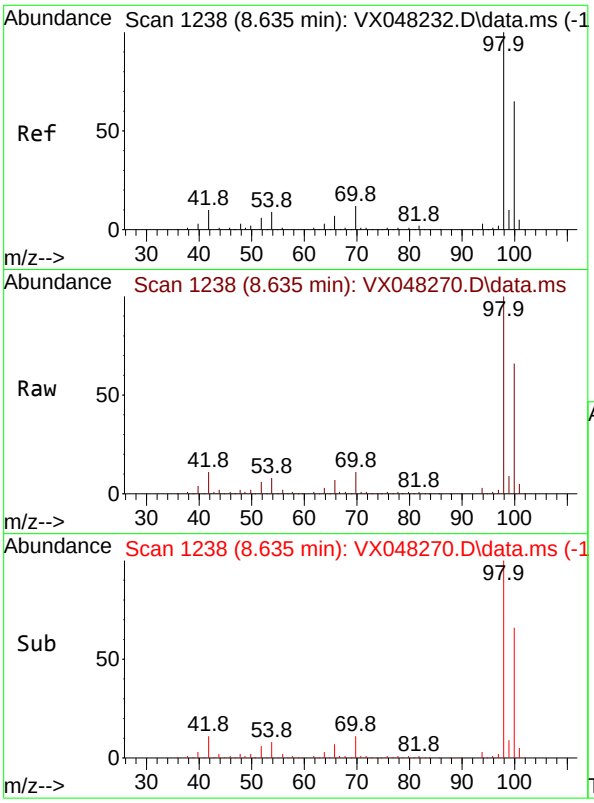


#43
Isopropyl Acetate
Concen: 2.206 ug/l
RT: 6.330 min Scan# 860
Delta R.T. 0.006 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Tgt Ion: 43 Resp: 5881

Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.9	22.3
87	12.5	9.4	14.2



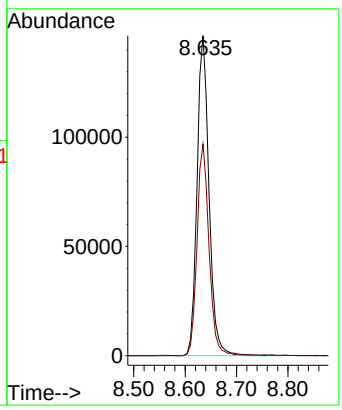


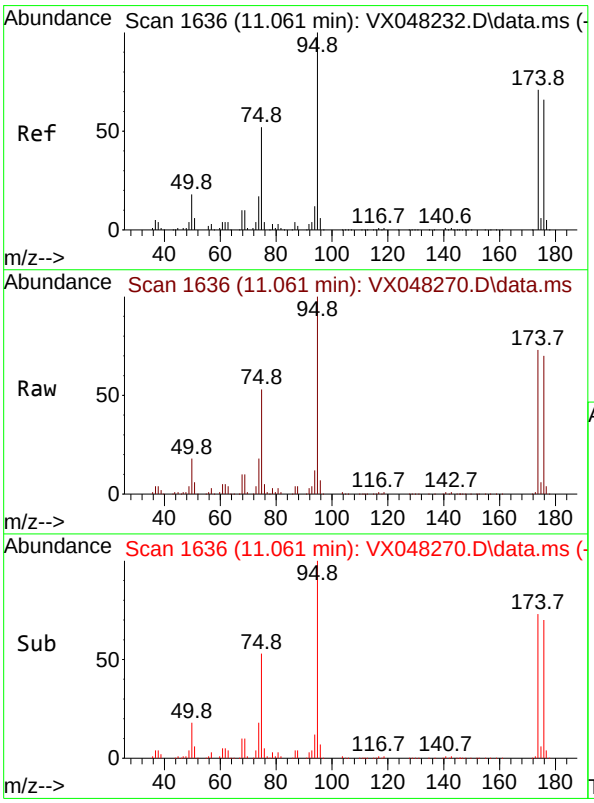
#50
Toluene-d8
Concen: 49.183 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
VNJ-255

Tgt Ion: 98 Resp: 237495

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

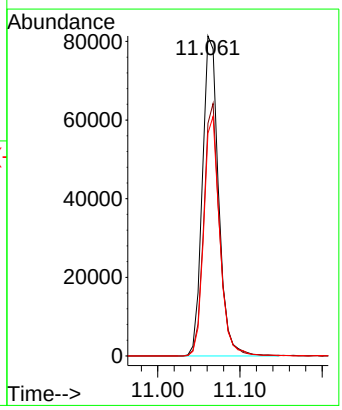


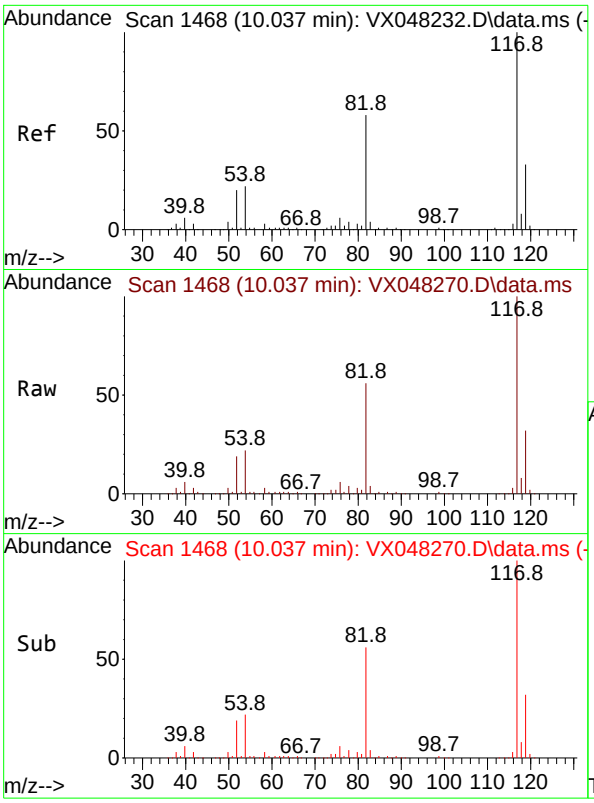


#62
4-Bromofluorobenzene
Concen: 60.563 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Tgt Ion: 95 Resp: 111255

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	147.8
176	73.8	0.0	142.8



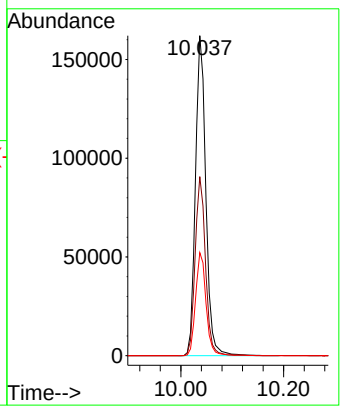


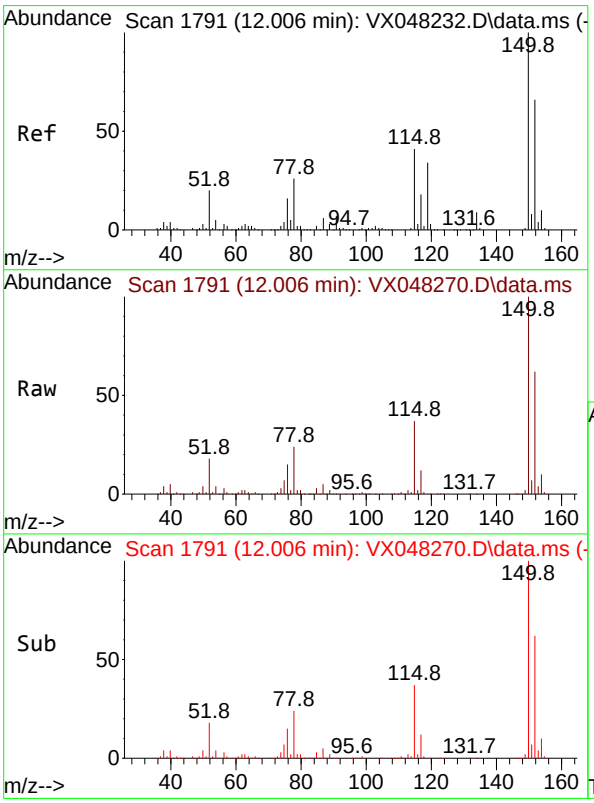
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
VNJ-255

Tgt Ion:117 Resp: 228007

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	32.2	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048270.D
Acq: 21 Oct 2025 15:23

Tgt Ion:152 Resp: 127542

Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.1	129.4
150	157.9	0.0	353.0