Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086843.D
Acq On : 03 Jun 2025 15:21
Operator : JC\MD
Sample : PB168225ZHE#04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Quant Time: Jun 04 02:00:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	238283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	429423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161229	48.967	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.940%			
35) Dibromofluoromethane	8.165	113	142966	52.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	10.565	98	580158	50.959	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.847	95	214384	53.331	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.660%			
Target Compounds						Qvalue
16) Acetone	4.418	43	40375	32.781	ug/l	99
18) Methyl Acetate	5.012	43	24301	7.049	ug/l	99
20) Methylene Chloride	5.265	84	8845	2.721	ug/l	93
37) Ethyl Acetate	7.559	43	18103	4.422	ug/l	98
43) Isopropyl Acetate	8.688	43	20505	2.499	ug/l	95

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

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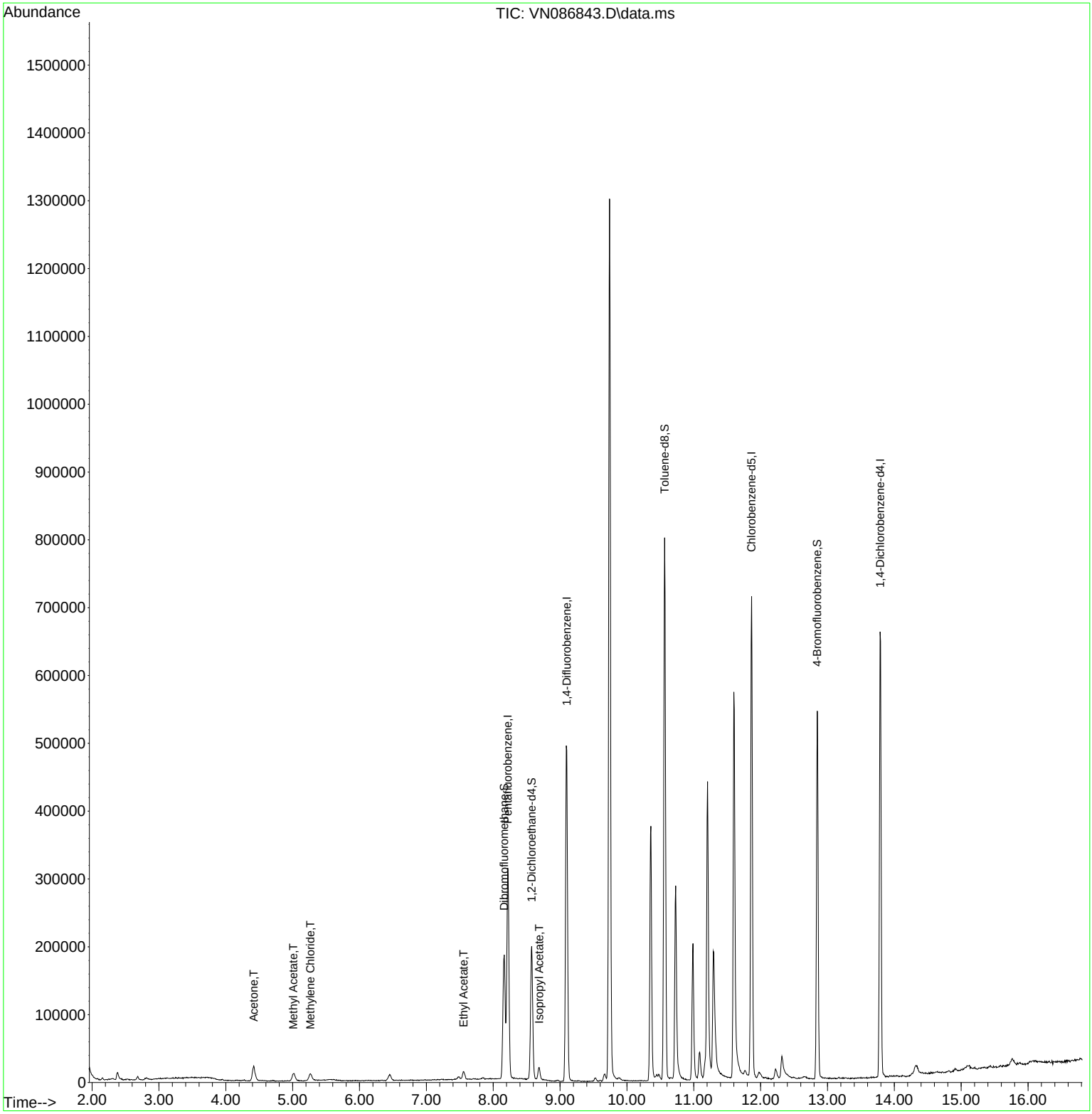
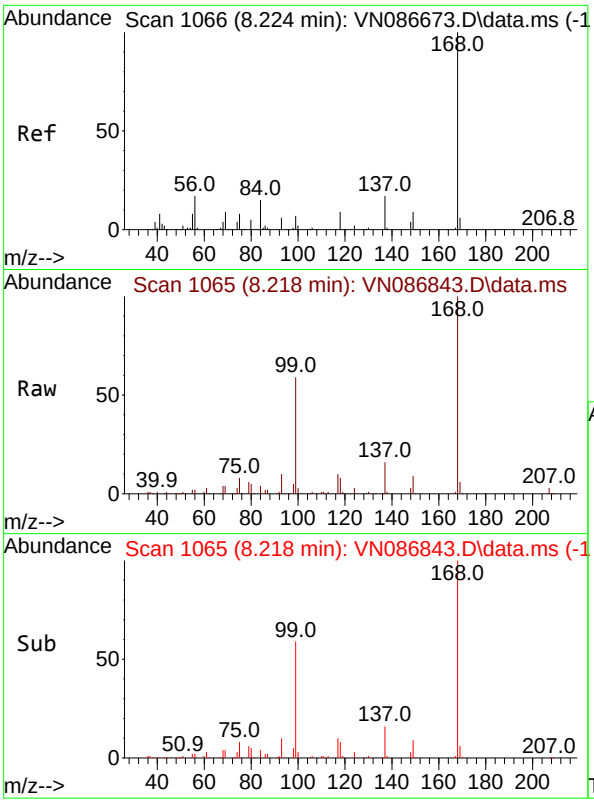


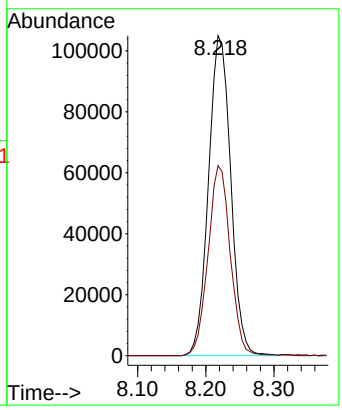


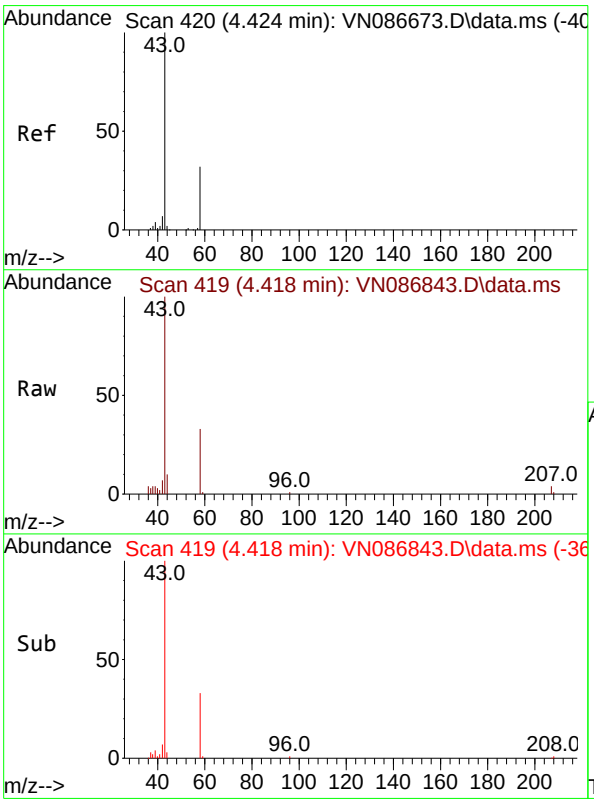
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Tgt Ion:168 Resp: 238283

Ion	Ratio	Lower	Upper
168	100		
99	59.4	47.0	70.4

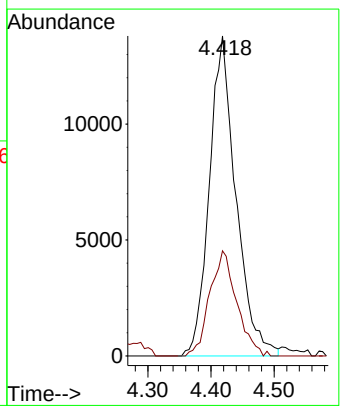


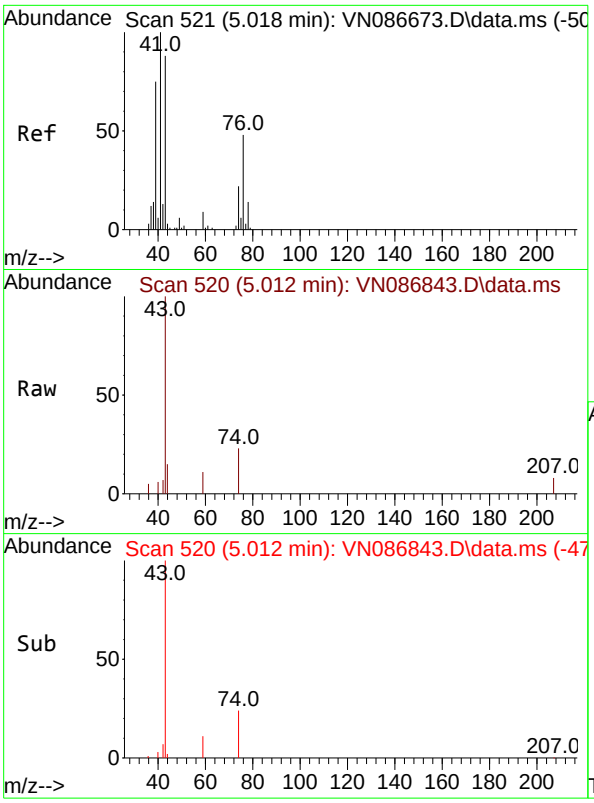


#16
Acetone
Concen: 32.781 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Tgt Ion: 43 Resp: 40375

Ion	Ratio	Lower	Upper
43	100		
58	32.9	25.8	38.6



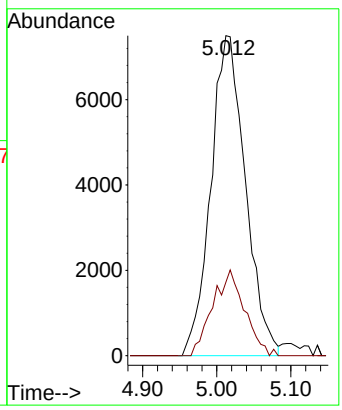


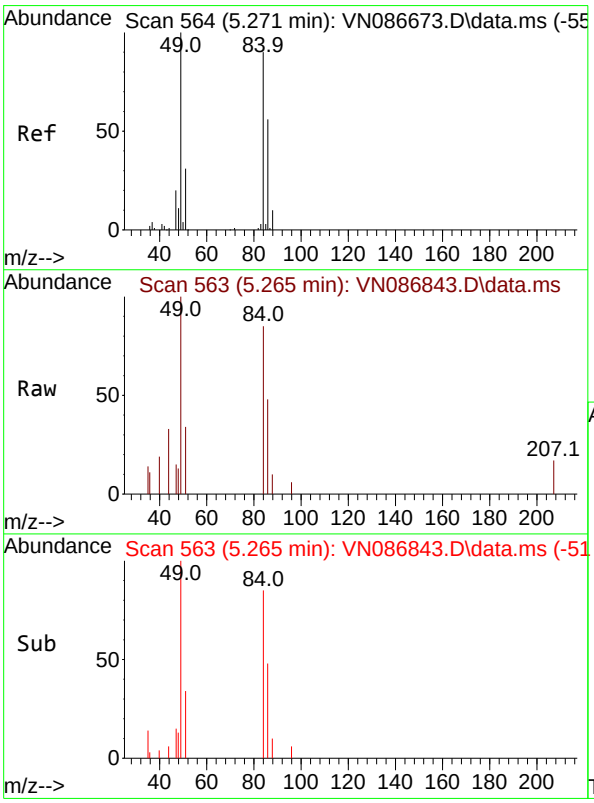
#18
Methyl Acetate
Concen: 7.049 ug/l
RT: 5.012 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Tgt Ion: 43 Resp: 24301

Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.5	30.7

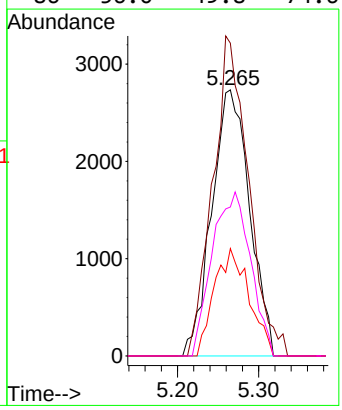


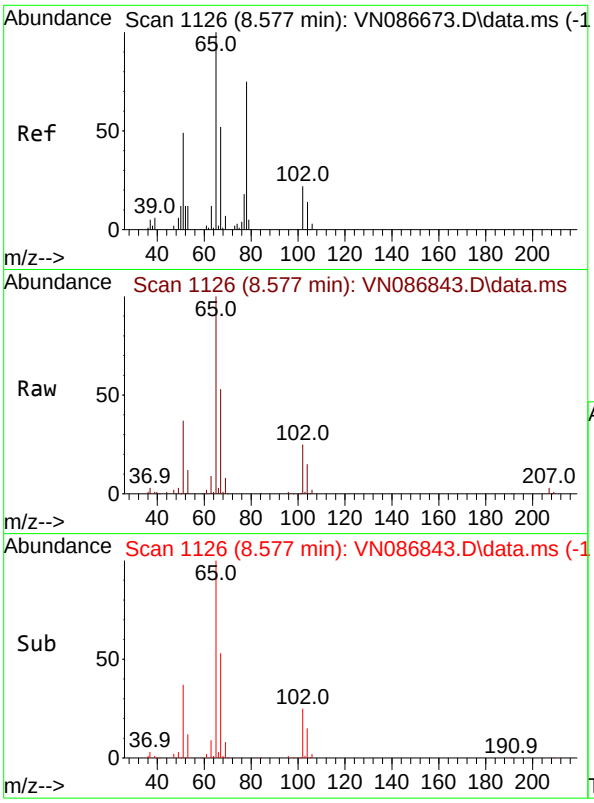


#20
Methylene Chloride
Concen: 2.721 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Tgt Ion: 84 Resp: 8845

Ion	Ratio	Lower	Upper
84	100		
49	117.6	88.8	133.2
51	40.3	27.8	41.6
86	56.0	49.8	74.6



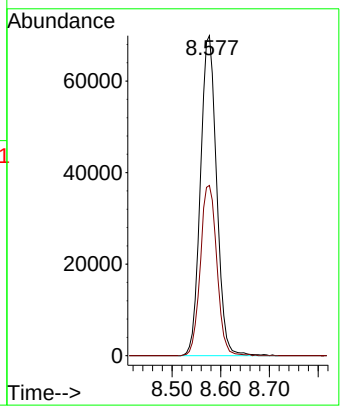


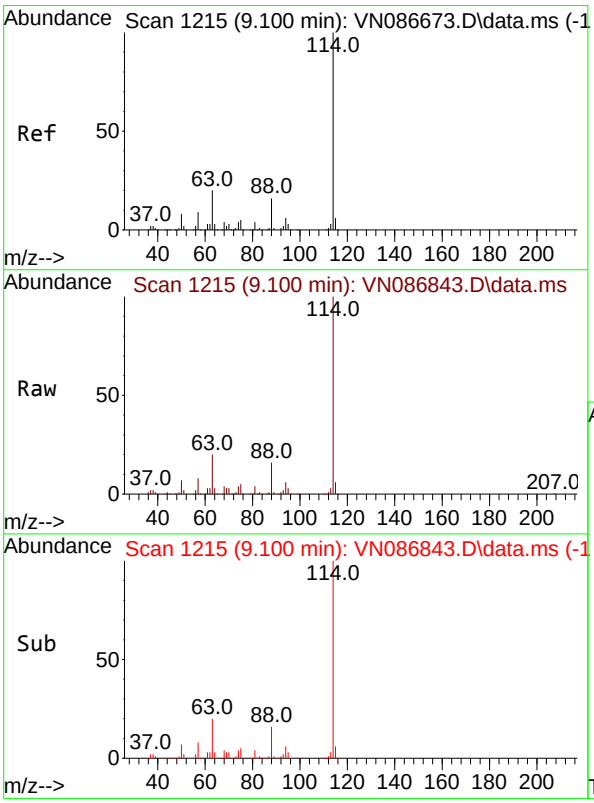
#33
1,2-Dichloroethane-d4
Concen: 48.967 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Tgt Ion: 65 Resp: 161229

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.4

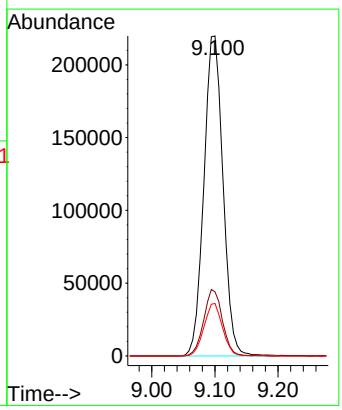


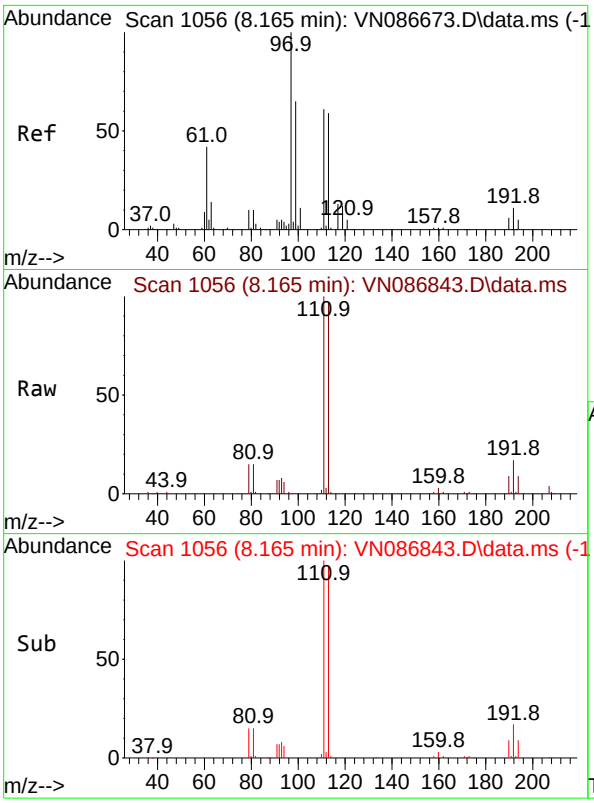


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Tgt Ion:114 Resp: 461302

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.2
88	16.4	0.0	31.2



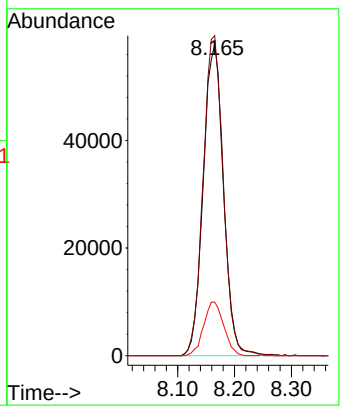


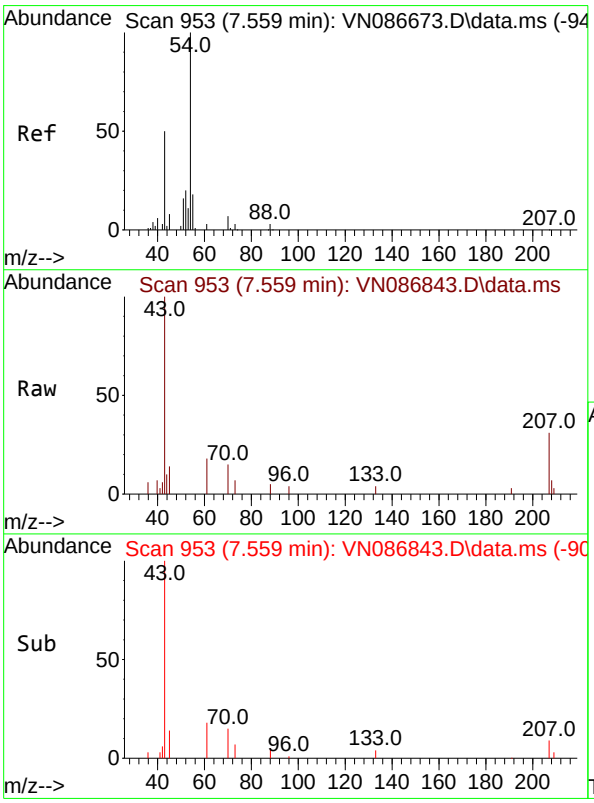
#35
Dibromofluoromethane
Concen: 52.040 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Tgt Ion:113 Resp: 142966

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	17.2	13.8	20.8

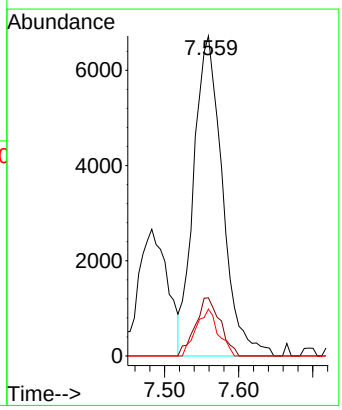


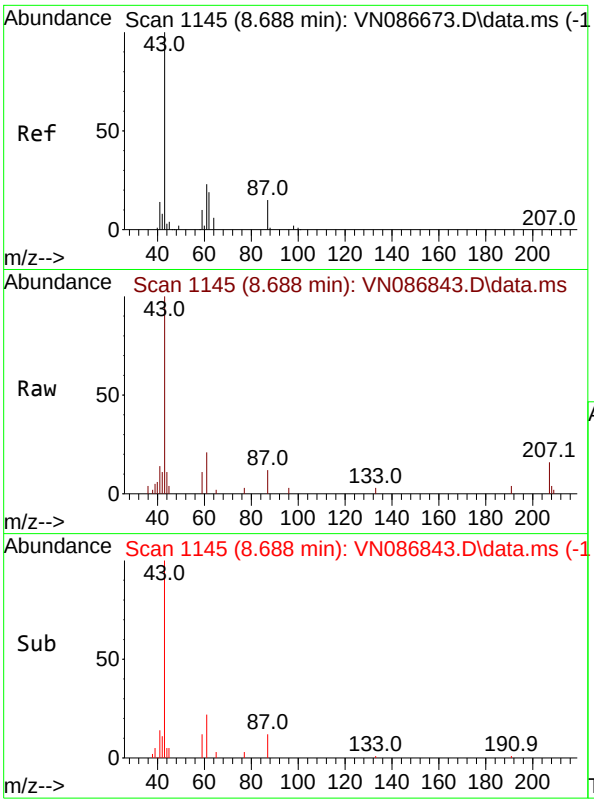


#37
Ethyl Acetate
Concen: 4.422 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Tgt Ion: 43 Resp: 18103

Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.6	17.4
70	11.4	9.4	14.0



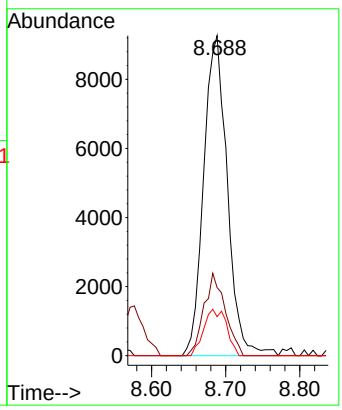


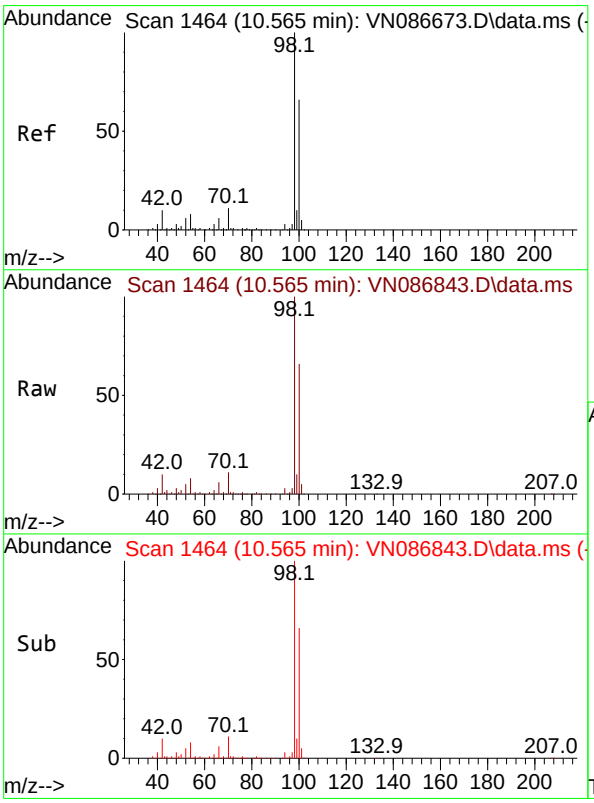
#43
Isopropyl Acetate
Concen: 2.499 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Tgt Ion: 43 Resp: 20505

Ion	Ratio	Lower	Upper
43	100		
61	23.2	21.4	32.2
87	14.0	11.1	16.7

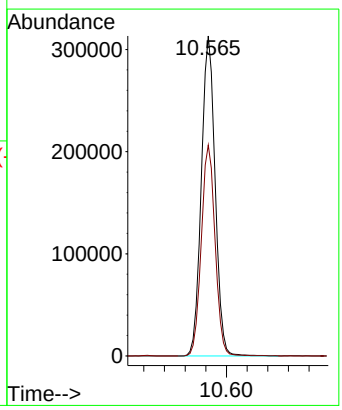


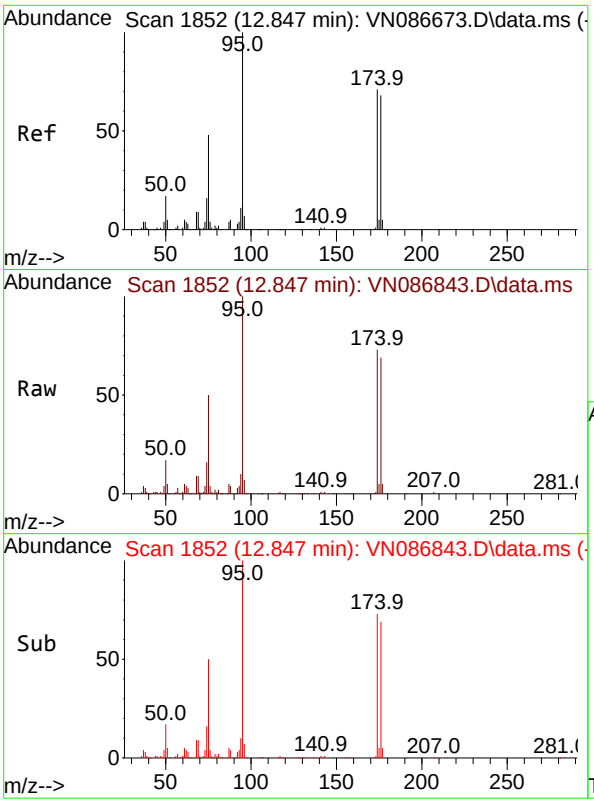


#50
Toluene-d8
Concen: 50.959 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Tgt Ion: 98 Resp: 580158

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



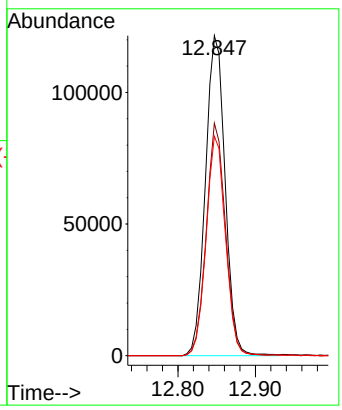


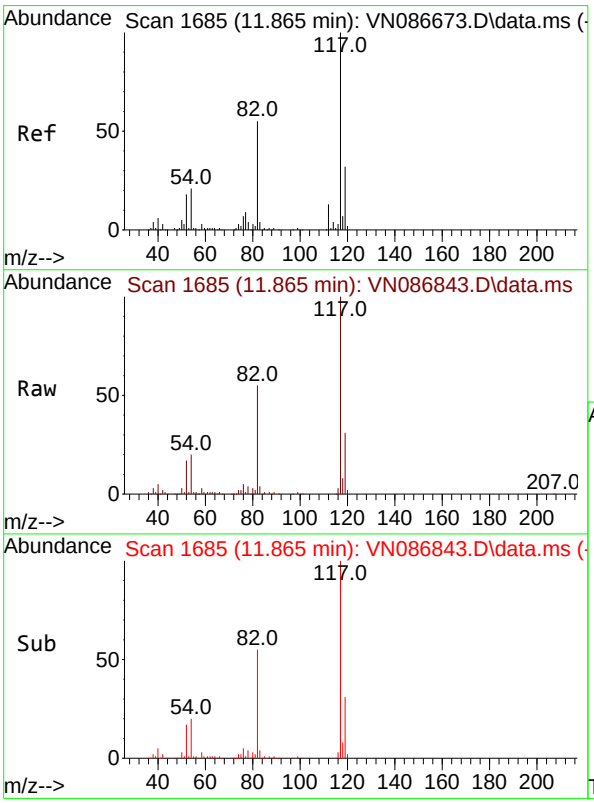
#62
4-Bromofluorobenzene
Concen: 53.331 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Tgt Ion: 95 Resp: 214384

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	145.4
176	67.3	0.0	137.8

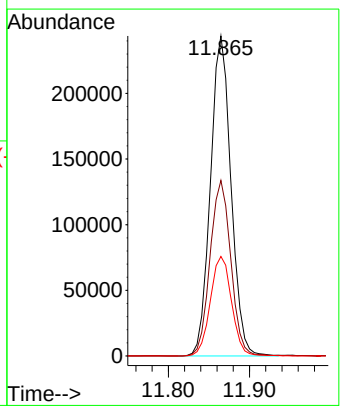


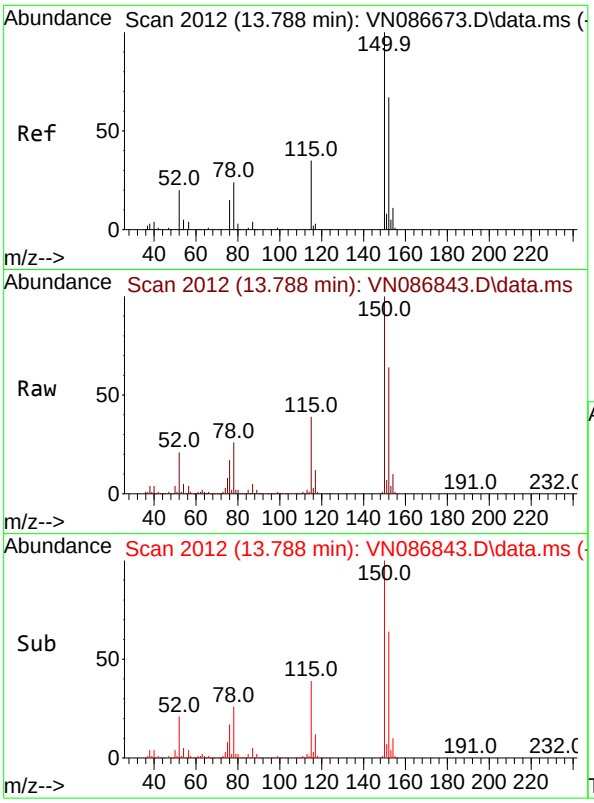


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Tgt Ion:117 Resp: 429423

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.2
119	31.1	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086843.D
Acq: 03 Jun 2025 15:21

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#04

Tgt Ion:152 Resp: 194252

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.1
150	157.0	0.0	347.8