Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
Data File : VN088141.D
Acq On : 28 Oct 2025 15:43
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 29 02:27:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	322926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	718250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	681156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	325087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	310868	55.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.340%			
35) Dibromofluoromethane	8.147	113	233339	48.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.720%			
50) Toluene-d8	10.547	98	864462	46.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.000%			
62) 4-Bromofluorobenzene	12.829	95	341731	52.044	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.080%			
Target Compounds						Qvalue
10) Methyl Iodide	4.600	142	60	4.225	ug/l #	38
11) Tert butyl alcohol	5.500	59	2231	2.319	ug/l #	71
13) Acrolein	4.165	56	250	0.231	ug/l #	14
16) Acetone	4.418	43	1655	0.590	ug/l #	71
20) Methylene Chloride	5.265	84	1775	1.173	ug/l #	72
31) Cyclohexane	8.212	56	9861	1.262	ug/l #	31
36) 1,1-Dichloropropene	8.206	75	31596	4.485	ug/l #	51
38) Carbon Tetrachloride	8.206	117	37418	5.142	ug/l #	14
51) 4-Methyl-2-Pentanone	10.547	43	5407	0.654	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.147	63	1337	0.324	ug/l	94
76) 1,2,3-Trichloropropane	12.829	75	191128	25.715	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	191128	71.733	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.459	105	6182	0.297	ug/l	87
95) Naphthalene	15.617	128	13584	0.629	ug/l	97

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

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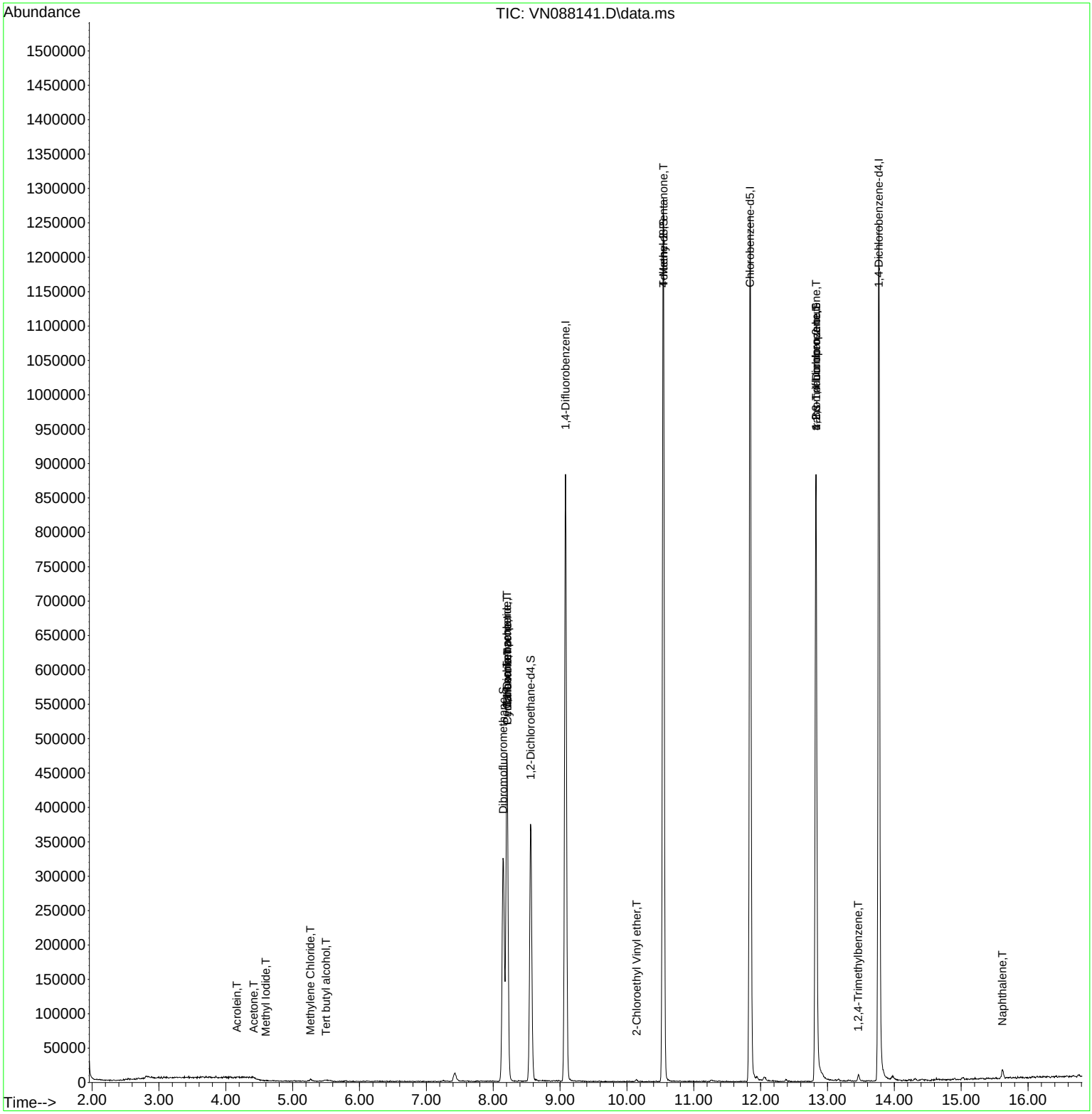
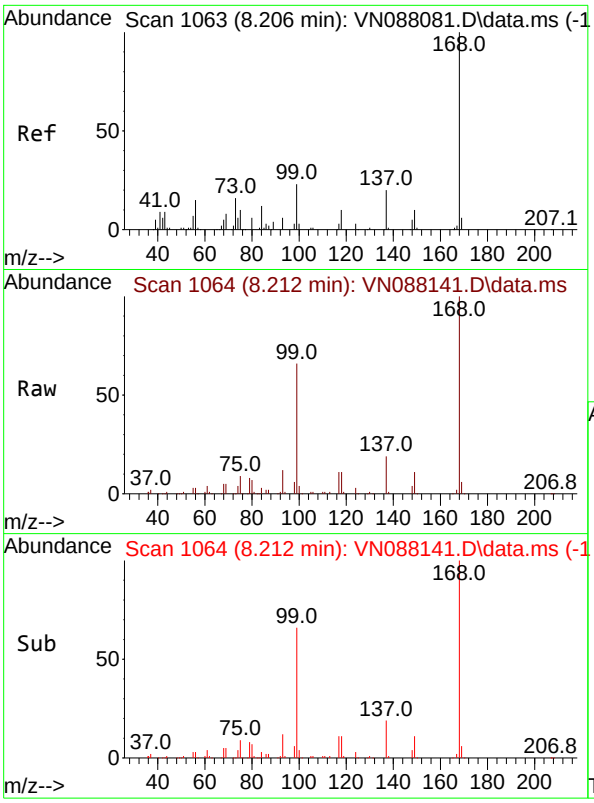
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 29 02:27:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration



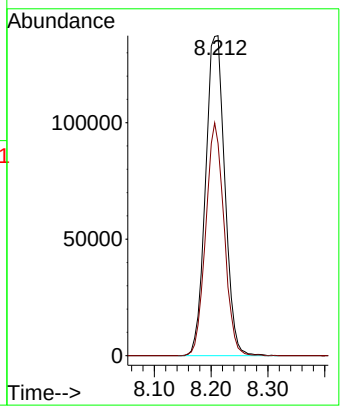


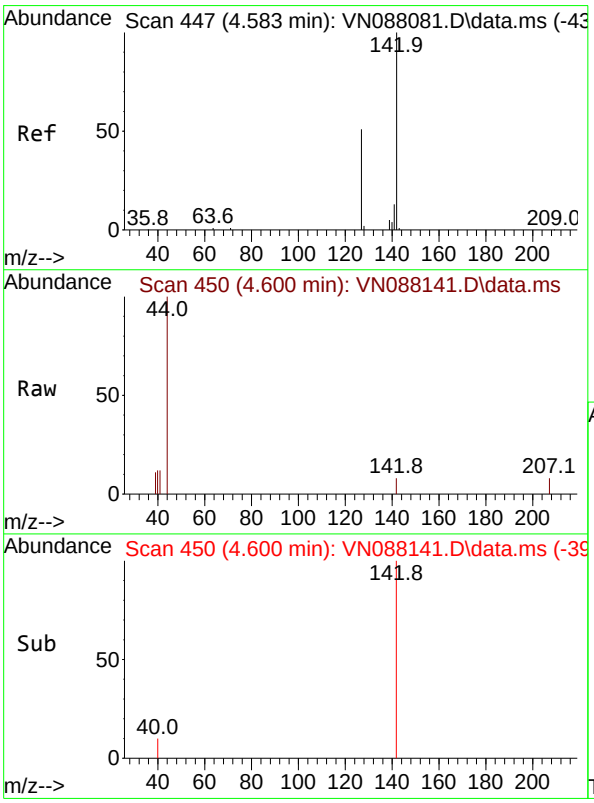
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 322926

Ion	Ratio	Lower	Upper
168	100		
99	66.3	57.2	85.8

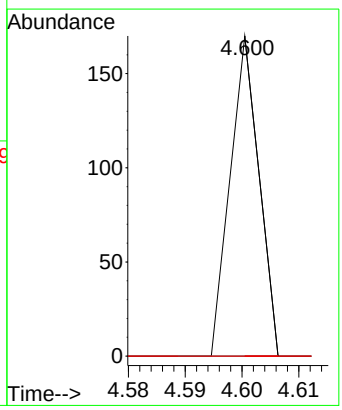


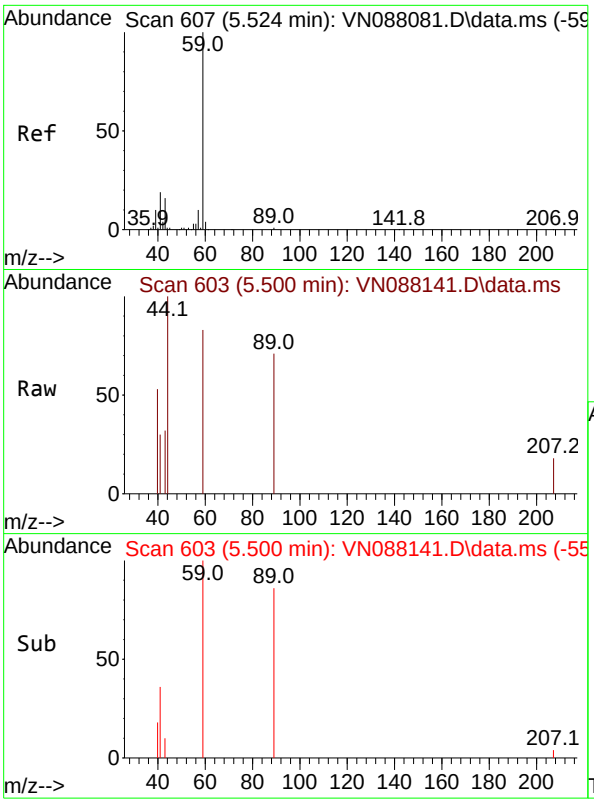


#10
Methyl Iodide
Concen: 4.225 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.023 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.0	57.0#
141	0.0	12.0	18.0#



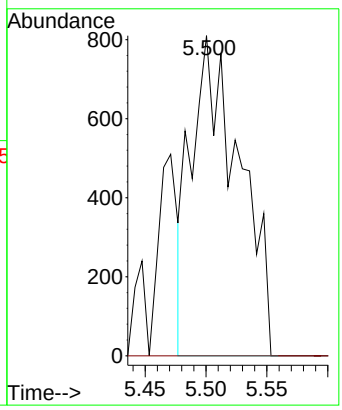


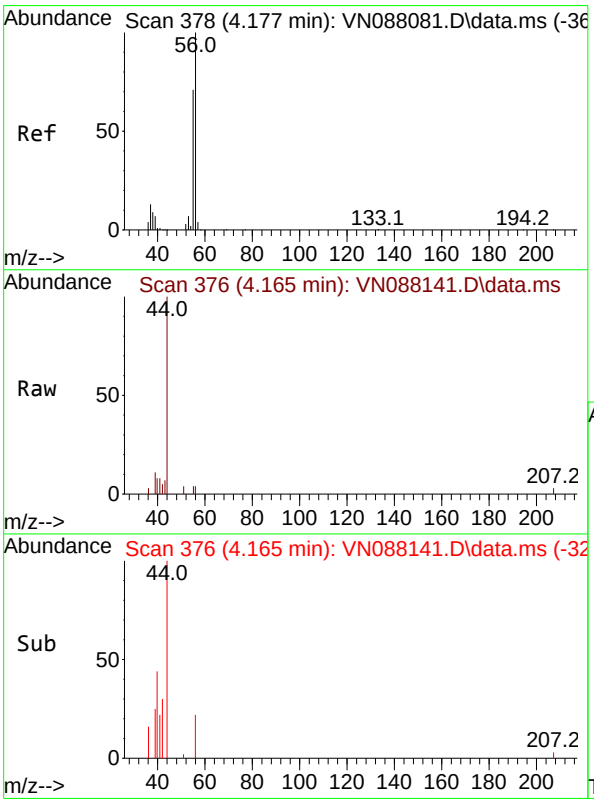
#11
Tert butyl alcohol
Concen: 2.319 ug/l
RT: 5.500 min Scan# 6
Delta R.T. -0.018 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 59 Resp: 2231

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

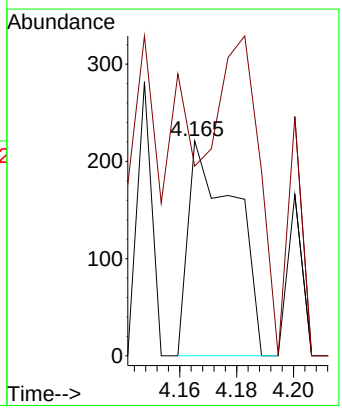


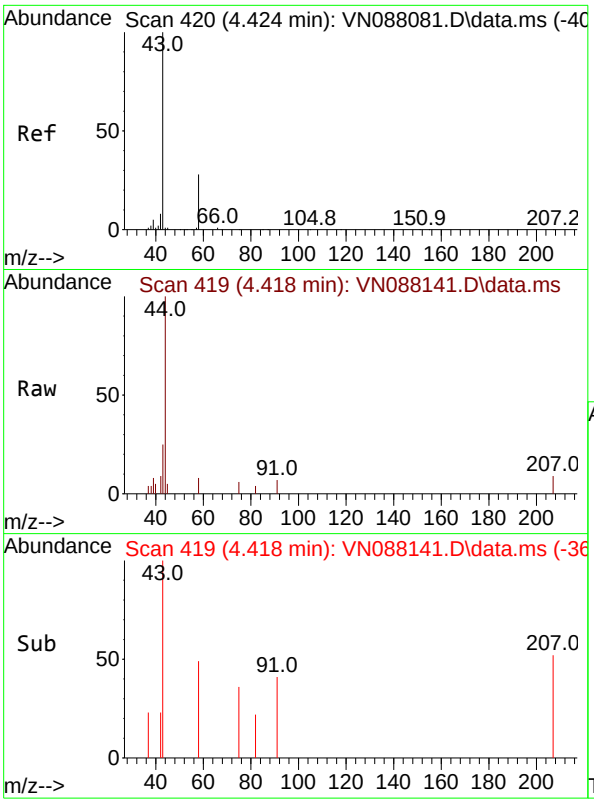


#13
Acrolein
Concen: 0.231 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion: 56 Resp: 250

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.3	85.9#



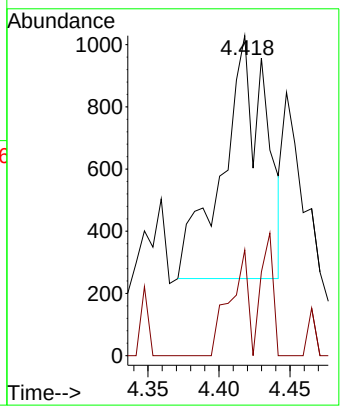


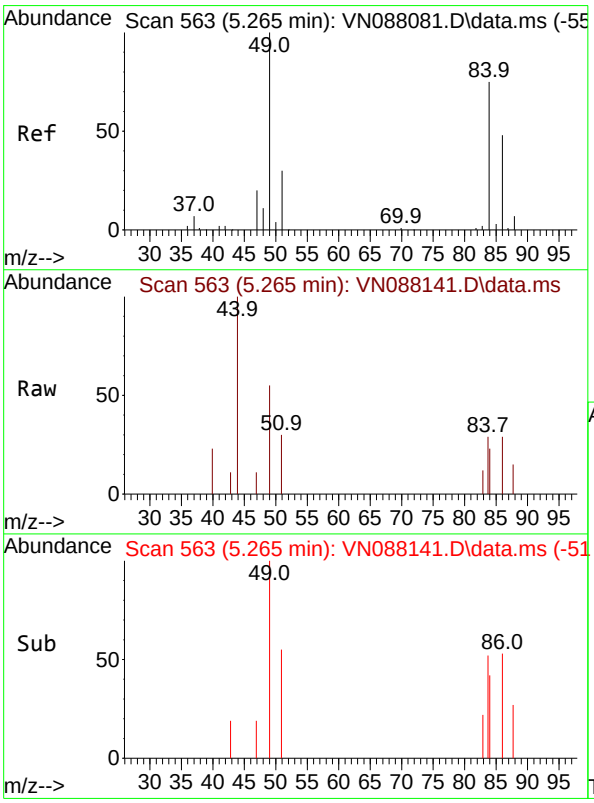
#16
Acetone
Concen: 0.590 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 1655

Ion	Ratio	Lower	Upper
43	100		
58	43.5	22.6	33.8#

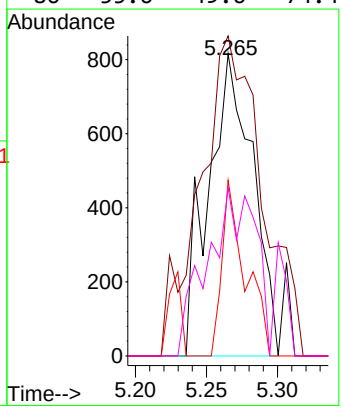


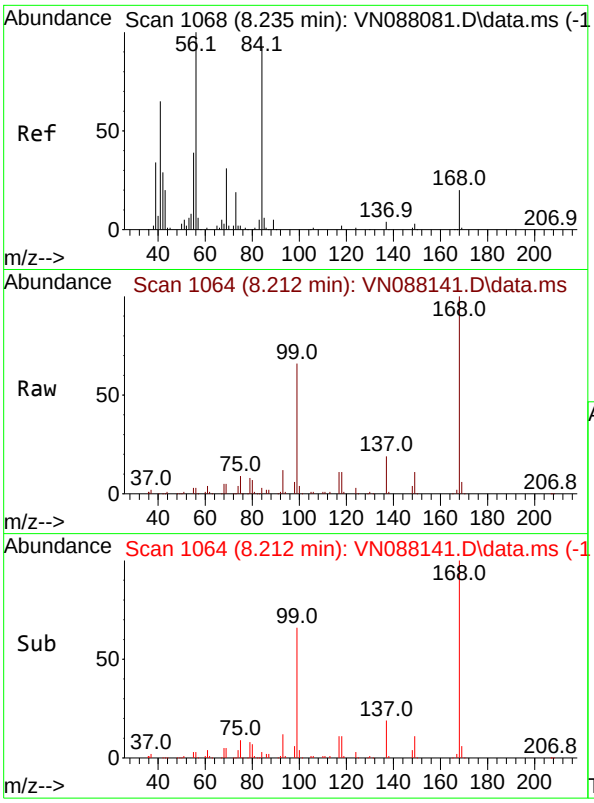


#20
Methylene Chloride
Concen: 1.173 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion: 84 Resp: 1775

Ion	Ratio	Lower	Upper
84	100		
49	84.8	103.4	155.2#
51	58.1	33.8	50.8#
86	55.6	49.6	74.4



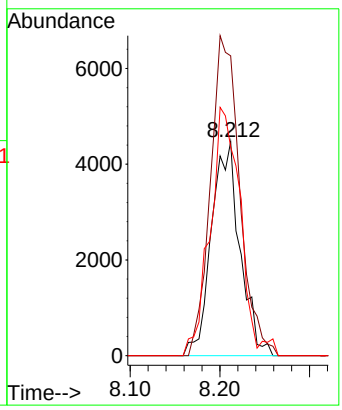


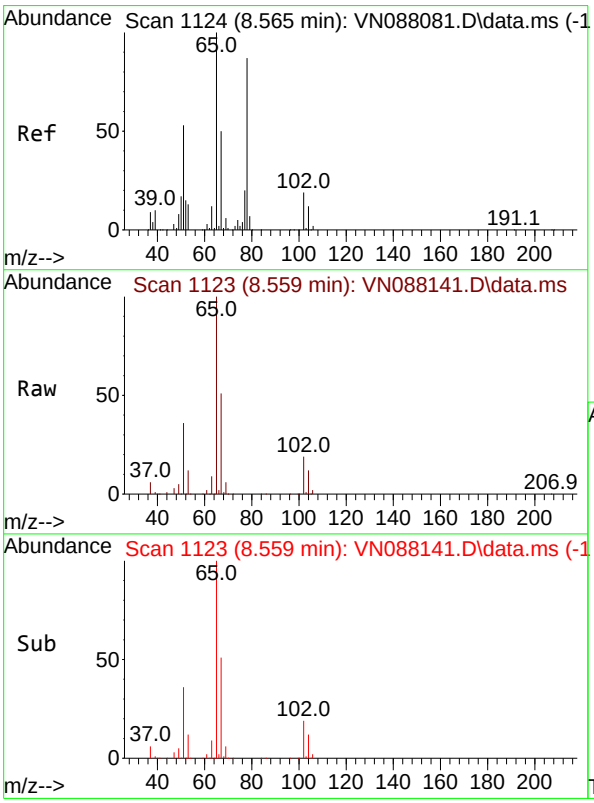
#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 9861

Ion	Ratio	Lower	Upper
56	100		
69	140.0	23.7	35.5#
84	97.5	64.7	97.1#

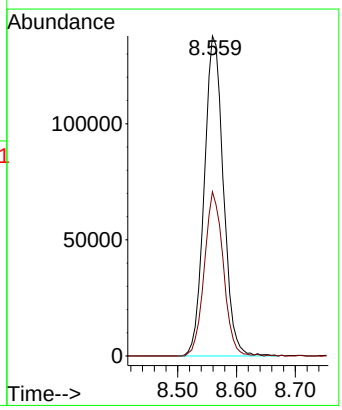


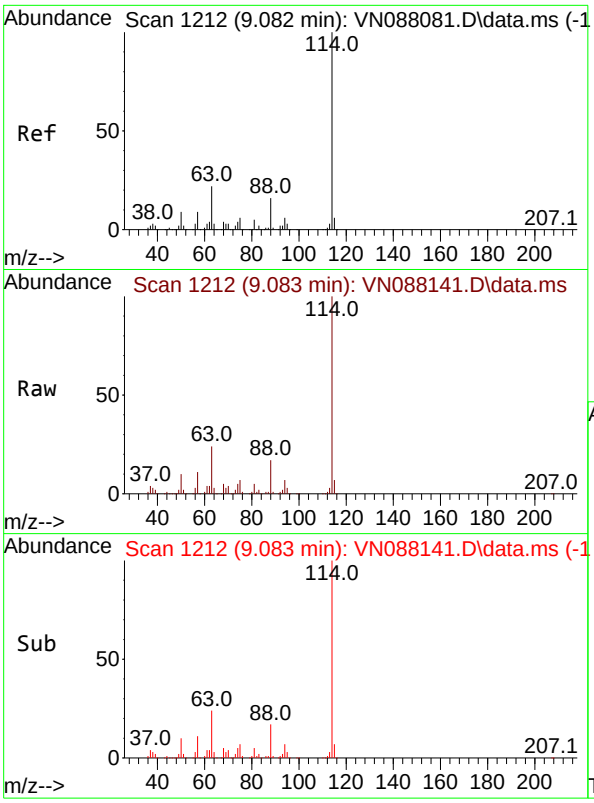


#33
1,2-Dichloroethane-d4
Concen: 55.671 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion: 65 Resp: 310868

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.0



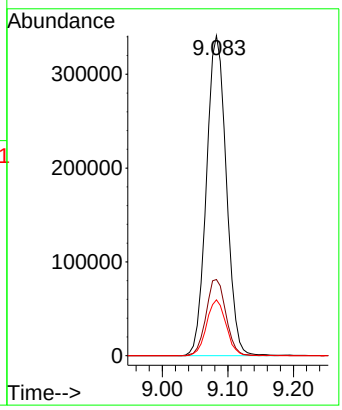


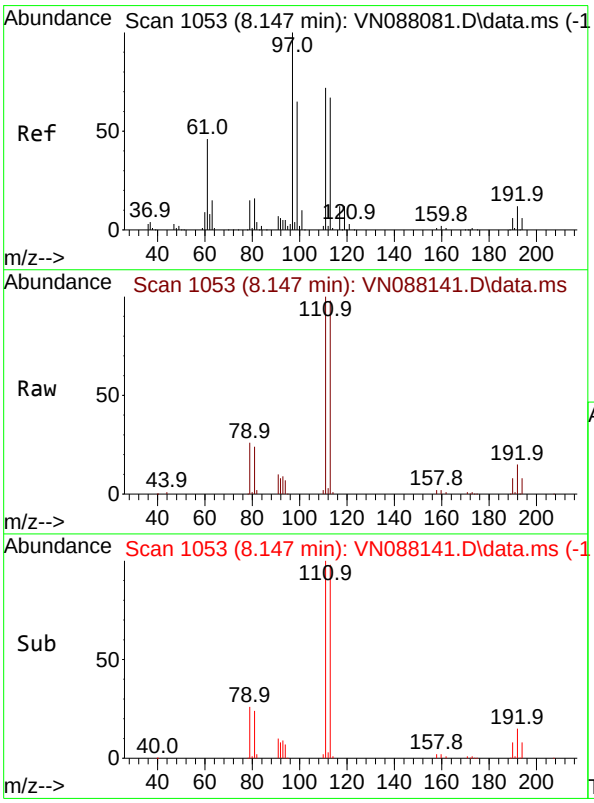
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 718250

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	45.2
88	17.4	0.0	33.4

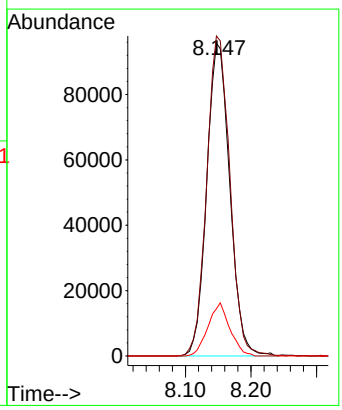


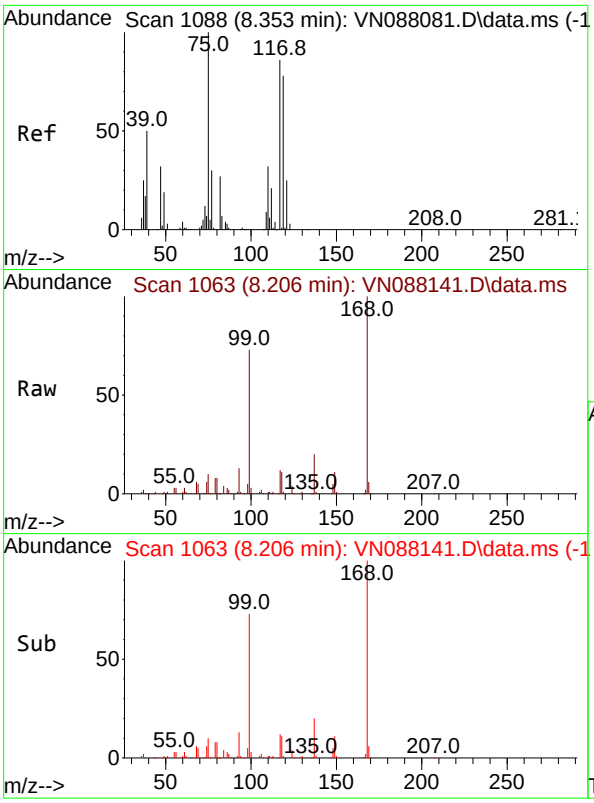


#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion:113 Resp: 233339

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	16.1	12.8	19.2



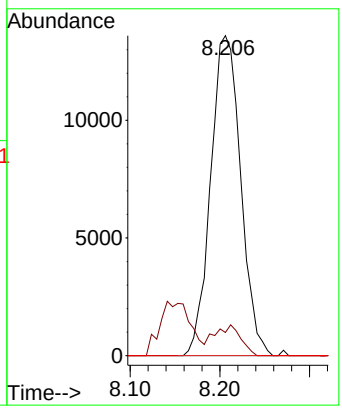


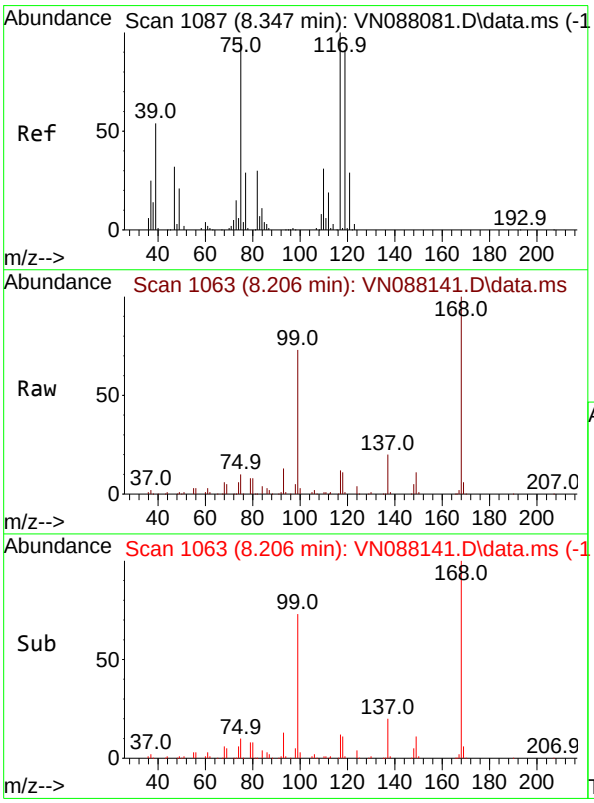
#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 31596

Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.9	47.6#
77	0.0	24.4	36.6#

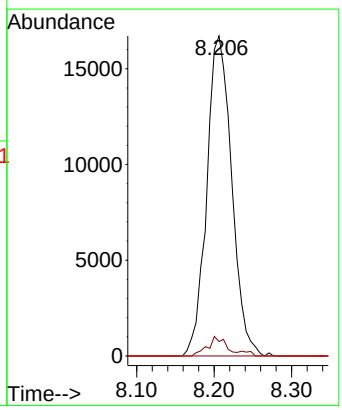


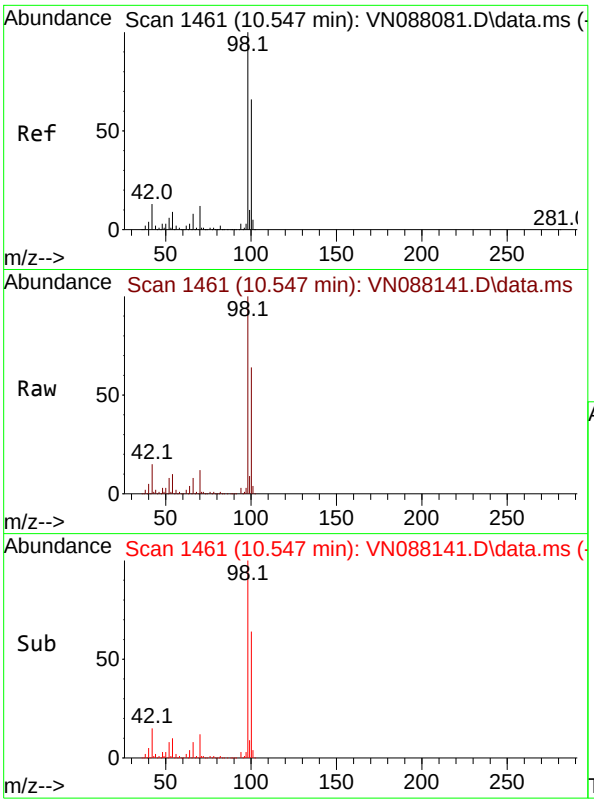


#38
Carbon Tetrachloride
Concen: 5.142 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion:117 Resp: 37418

Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.0	118.6#
121	0.0	25.0	37.6#



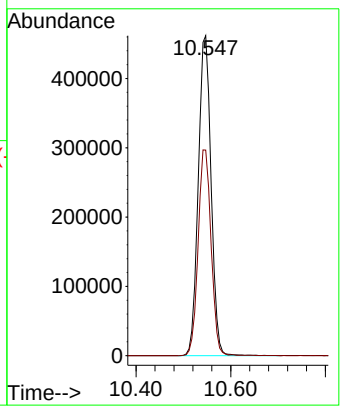


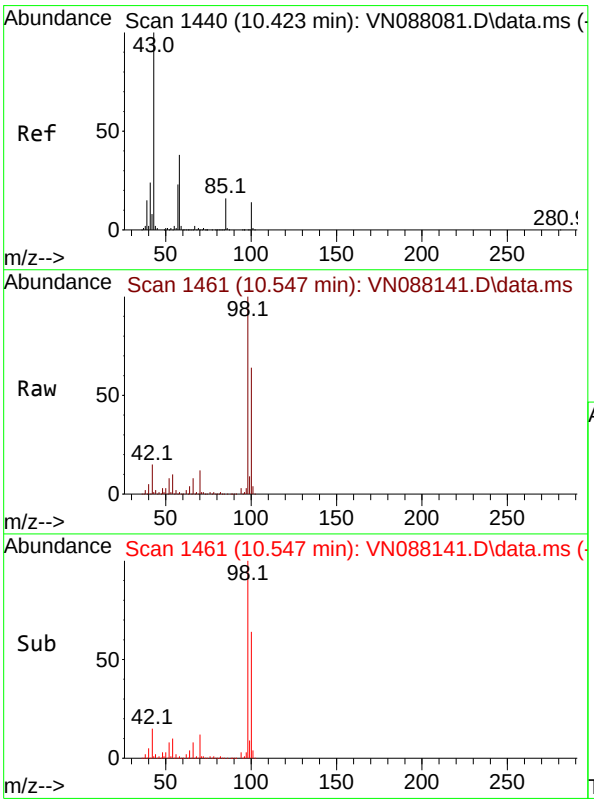
#50
Toluene-d8
Concen: 46.495 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 864462

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2

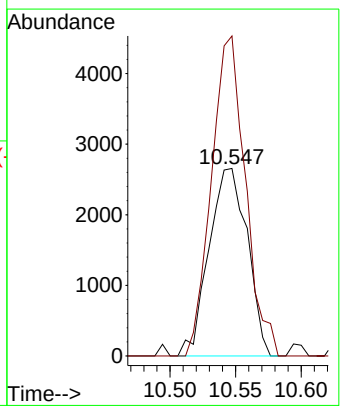


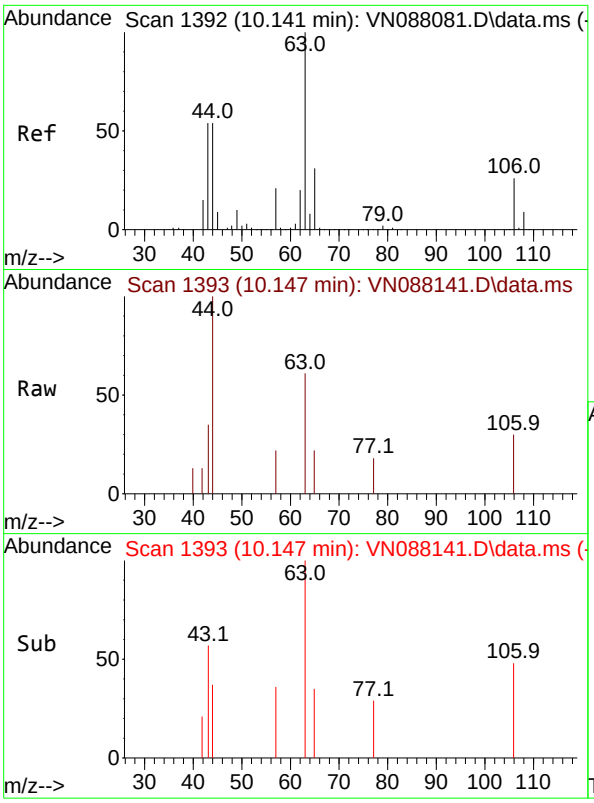


#51
4-Methyl-2-Pentanone
Concen: 0.654 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.123 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion: 43 Resp: 5407

Ion	Ratio	Lower	Upper
43	100		
58	151.2	29.6	44.4#



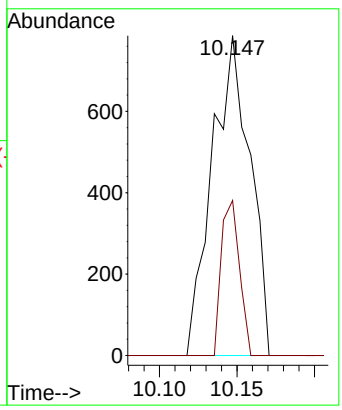


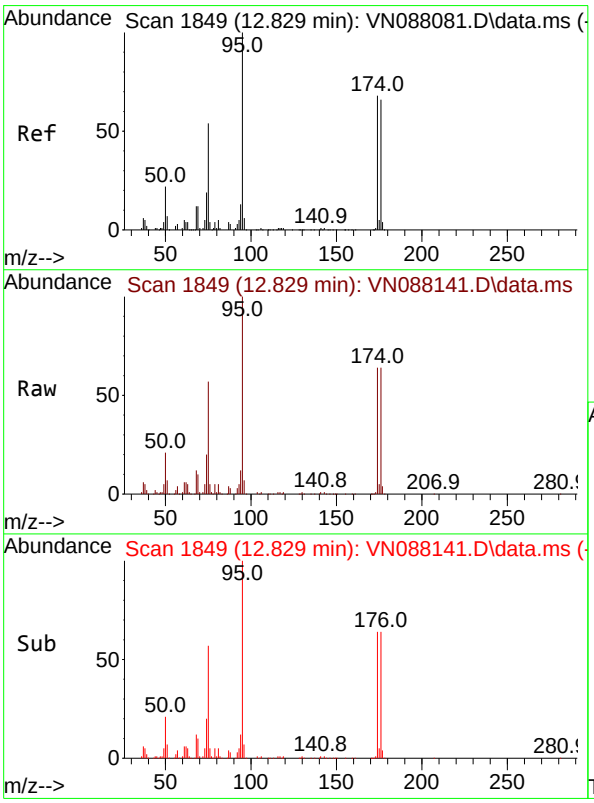
#58
2-Chloroethyl Vinyl ether
Concen: 0.324 ug/l
RT: 10.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 63 Resp: 1337

Ion	Ratio	Lower	Upper
63	100		
106	23.3	21.1	31.7

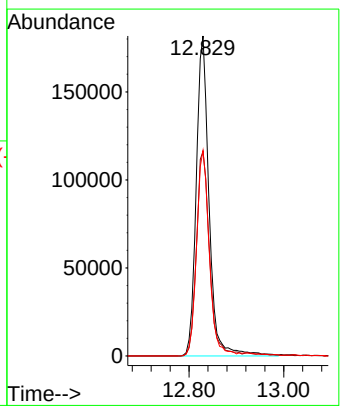


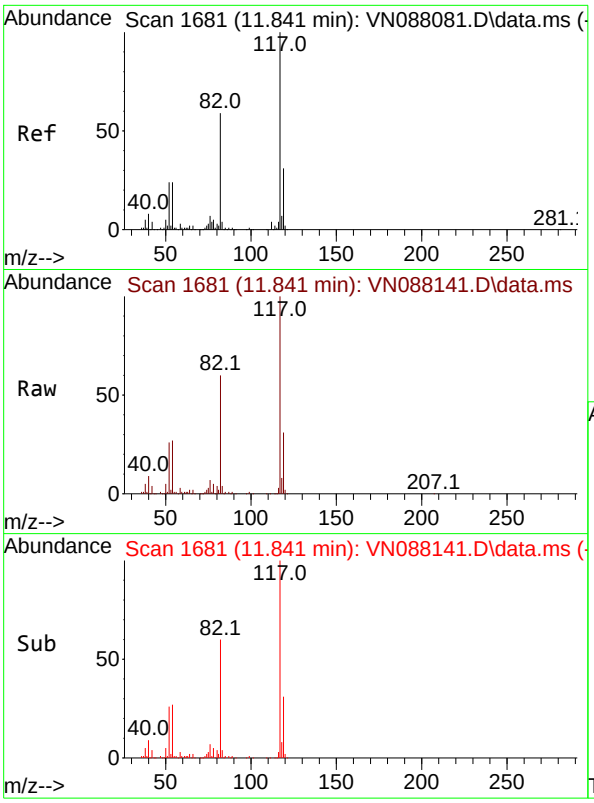


#62
4-Bromofluorobenzene
Concen: 52.044 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion: 95 Resp: 341731

Ion	Ratio	Lower	Upper
95	100		
174	65.1	0.0	138.4
176	63.5	0.0	132.6



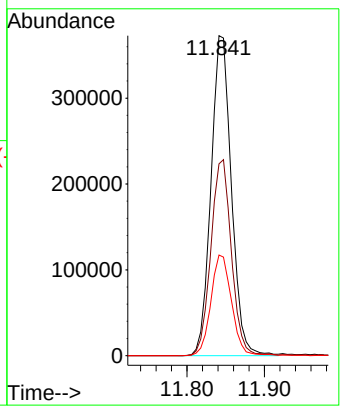


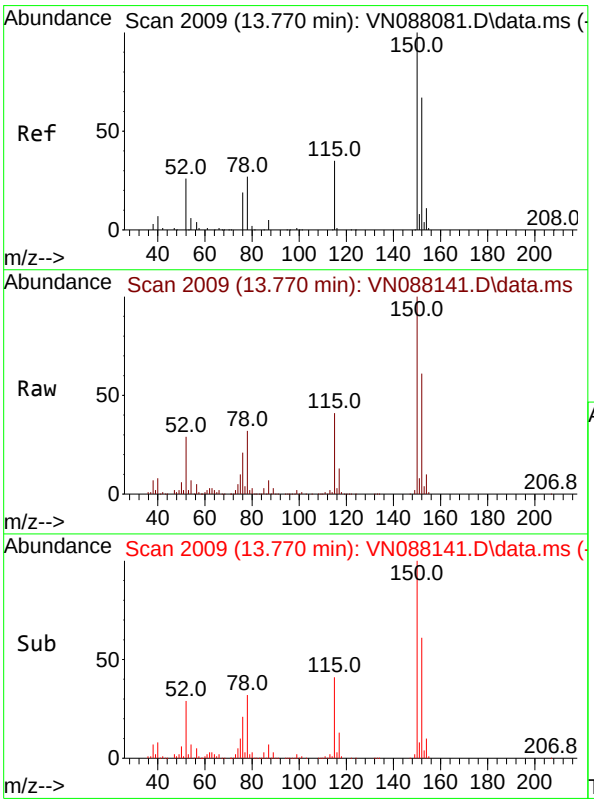
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 681156

Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.4	71.2
119	31.4	24.3	36.5

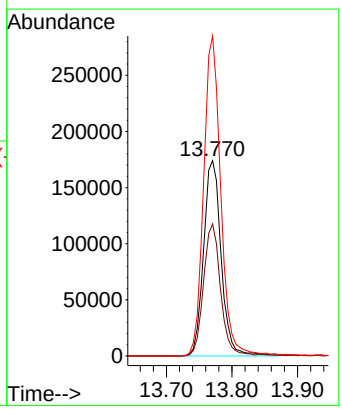


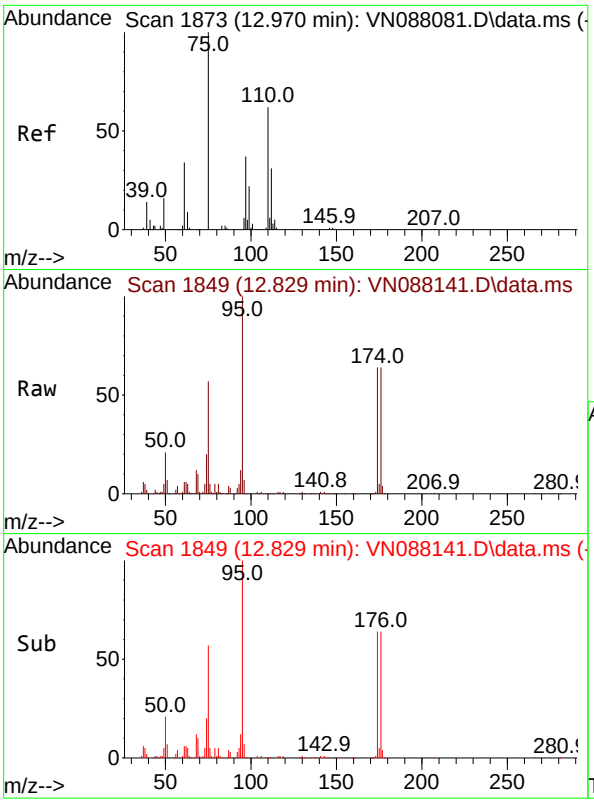


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion:152 Resp: 325087

Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.3	96.8
150	160.6	0.0	351.0



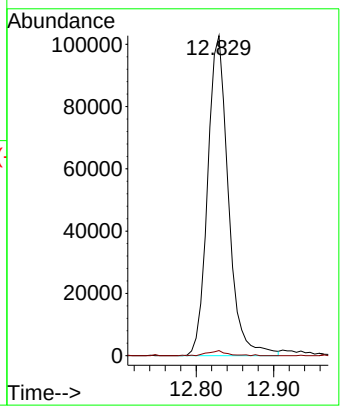


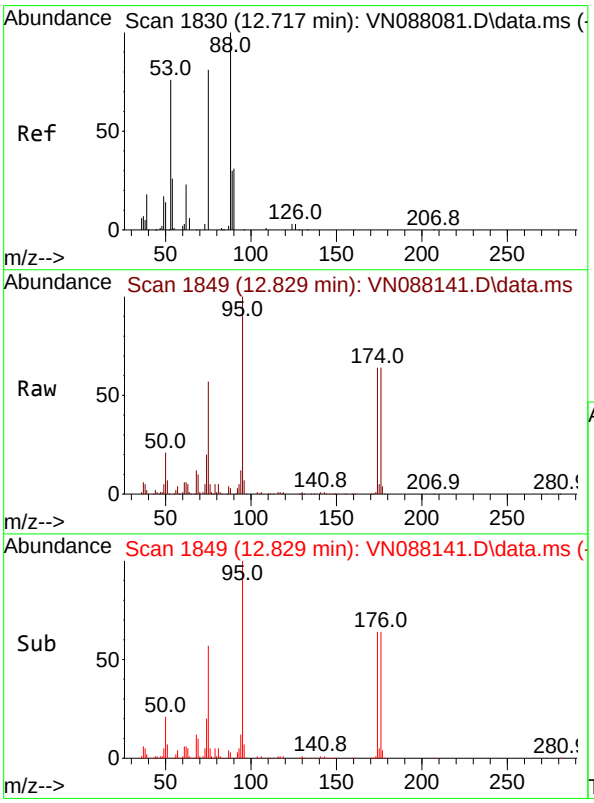
#76
1,2,3-Trichloropropane
Concen: 25.715 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 191128

Ion	Ratio	Lower	Upper
75	100		
77	1.4	89.1	267.4#

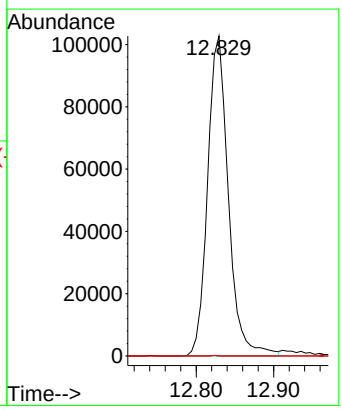


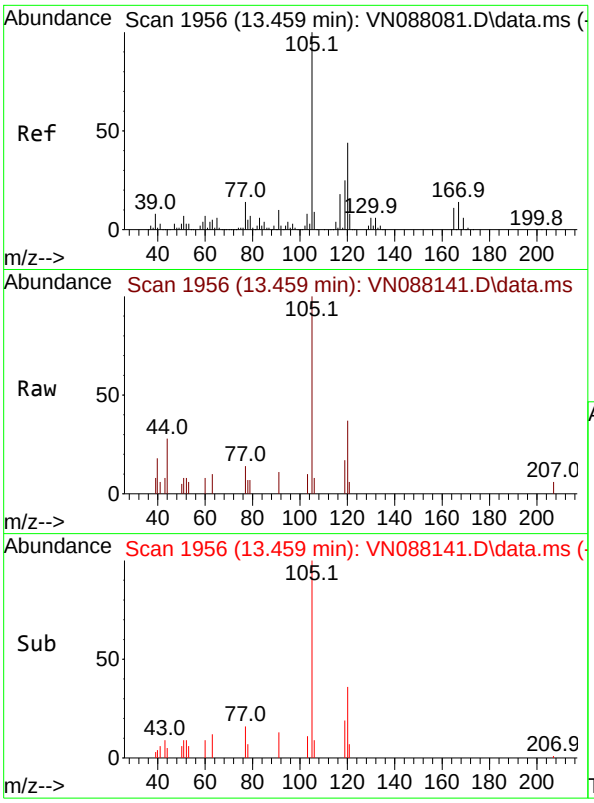


#81
trans-1,4-Dichloro-2-butene
Concen: 71.733 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion: 75 Resp: 191128

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	35.6	53.4#



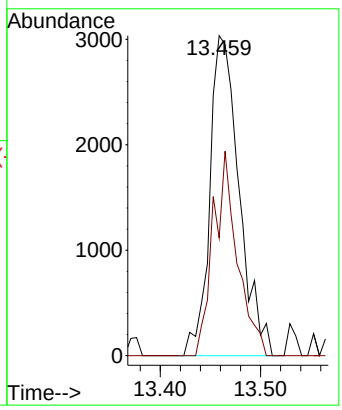


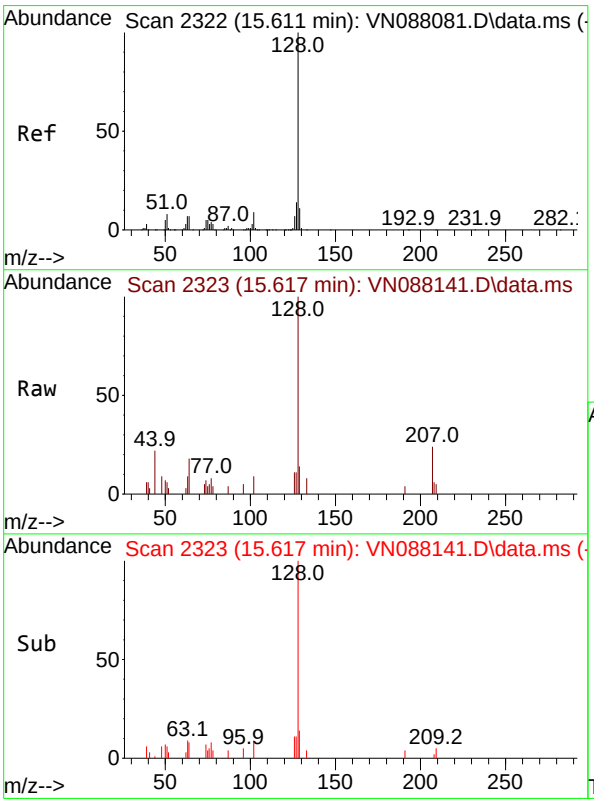
#84
1,2,4-Trimethylbenzene
Concen: 0.297 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 6182

Ion	Ratio	Lower	Upper
105	100		
120	52.5	22.0	66.0





#95
Naphthalene
Concen: 0.629 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088141.D
Acq: 28 Oct 2025 15:43

Tgt Ion:128 Resp: 13584

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	15.8
129	12.6	8.6	12.8