Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
Data File : VN086626.D
Acq On : 14 May 2025 14:56
Operator : JC\MD
Sample : Q2014-01
Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Quant Time: May 15 03:04:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	182310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	350795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113447	42.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.820%			
35) Dibromofluoromethane	8.159	113	92699	56.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.880%			
50) Toluene-d8	10.565	98	397950	45.735	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.460%			
62) 4-Bromofluorobenzene	12.847	95	133648	42.111	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.220%			
Target Compounds						Qvalue
3) Chloromethane	2.353	50	4074	1.297	ug/l	90
10) Methyl Iodide	4.553	142	2750	1.245	ug/l #	87
16) Acetone	4.459	43	1818	Below Cal		99
18) Methyl Acetate	5.036	43	10417	3.283	ug/l	91
20) Methylene Chloride	5.259	84	1072	0.439	ug/l #	78
25) 2-Butanone	7.482	43	627	0.381	ug/l #	48
29) Tetrahydrofuran	7.853	42	264	0.240	ug/l #	32
31) Cyclohexane	8.212	56	3818	0.891	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14802	4.552	ug/l #	48
38) Carbon Tetrachloride	8.218	117	18532	5.984	ug/l #	15
43) Isopropyl Acetate	8.706	43	2318	Below Cal	#	55
71) Bromoform	12.841	173	700	0.390	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66818	20.808	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66818	49.972	ug/l #	10
86) p-Isopropyltoluene	13.723	119	8514	0.943	ug/l	89
95) Naphthalene	15.635	128	4612	0.604	ug/l #	95

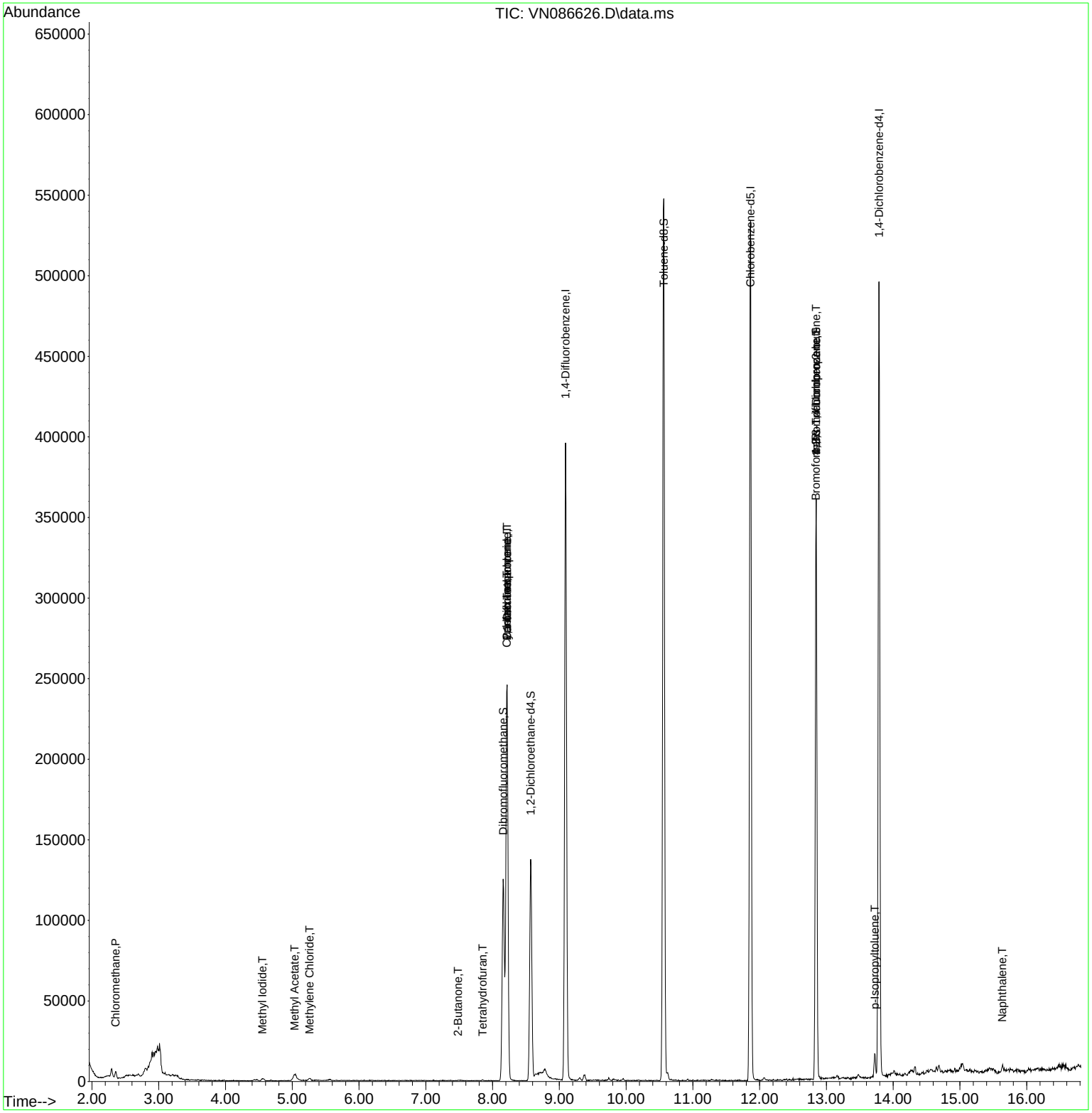
(#) = qualifier out of range (m) = manual integration (+) = signals summed

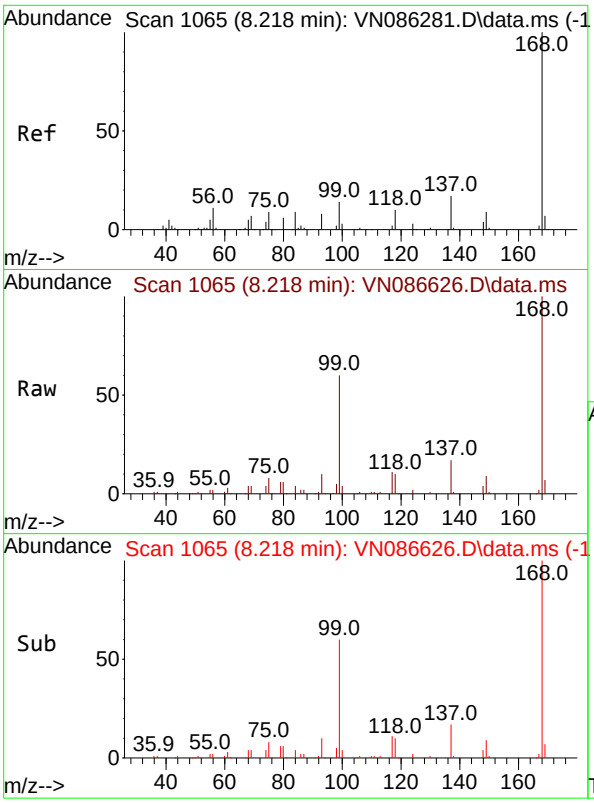
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
Data File : VN086626.D
Acq On : 14 May 2025 14:56
Operator : JC\MD
Sample : Q2014-01
Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Quant Time: May 15 03:04:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



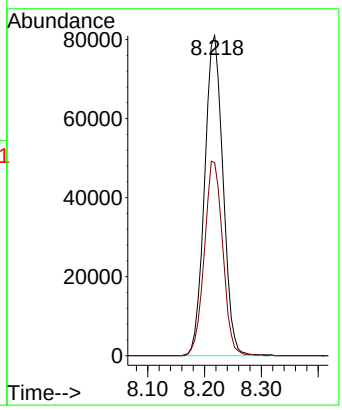


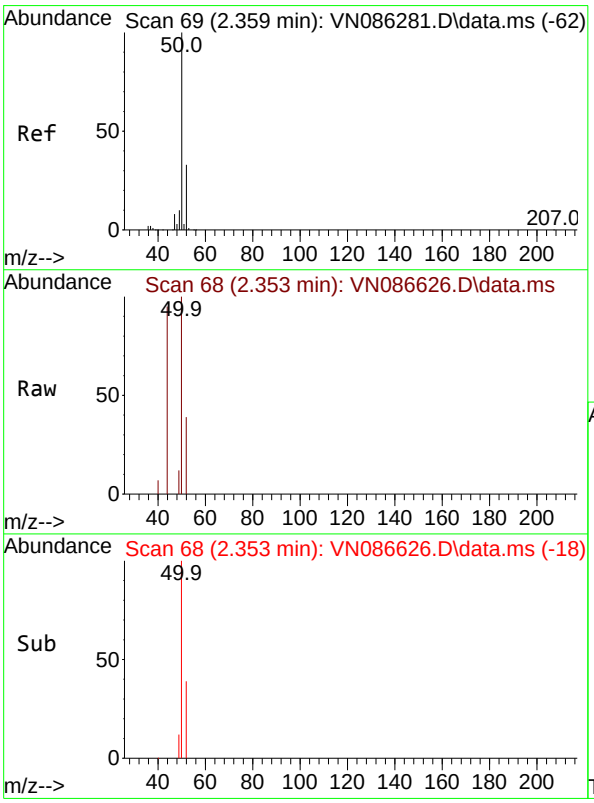
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:168 Resp: 182310

Ion	Ratio	Lower	Upper
168	100		
99	60.3	52.5	78.7

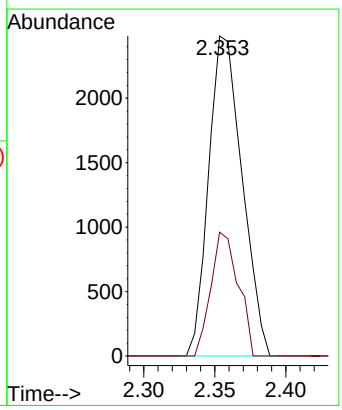


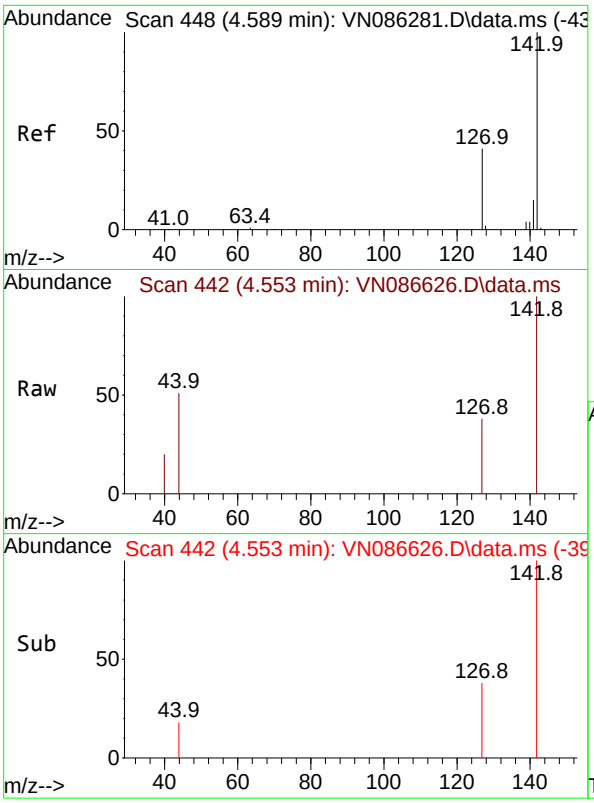


#3
Chloromethane
Concen: 1.297 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 50 Resp: 4074

Ion	Ratio	Lower	Upper
50	100		
52	38.7	26.5	39.7



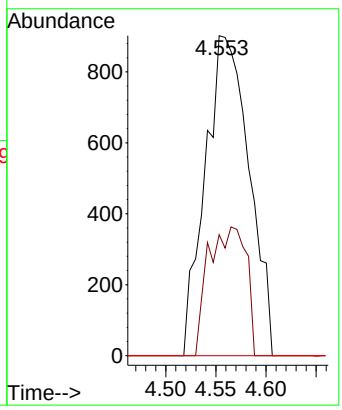


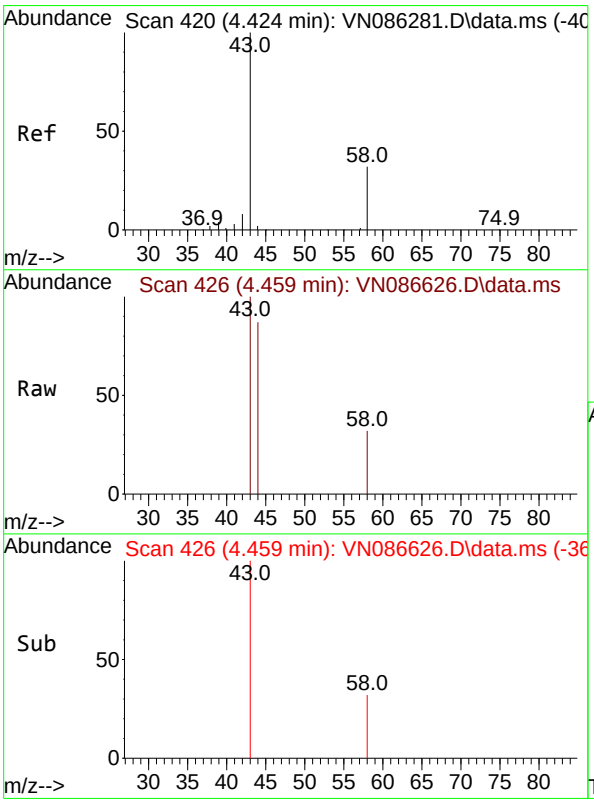
#10
Methyl Iodide
Concen: 1.245 ug/l
RT: 4.553 min Scan# 44
Delta R.T. -0.035 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:142 Resp: 2750

Ion	Ratio	Lower	Upper
142	100		
127	37.8	32.7	49.1
141	0.0	11.7	17.5#

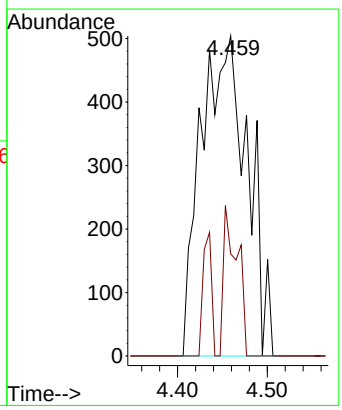


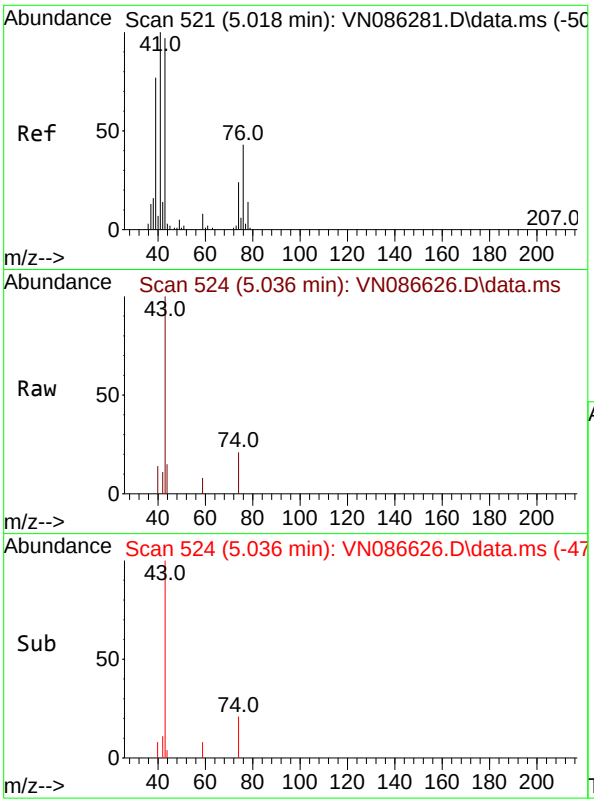


#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 426
Delta R.T. 0.035 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 43 Resp: 1818

Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.3	37.9



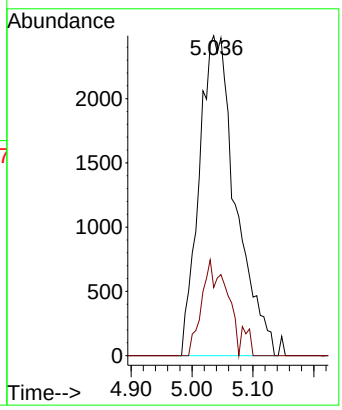


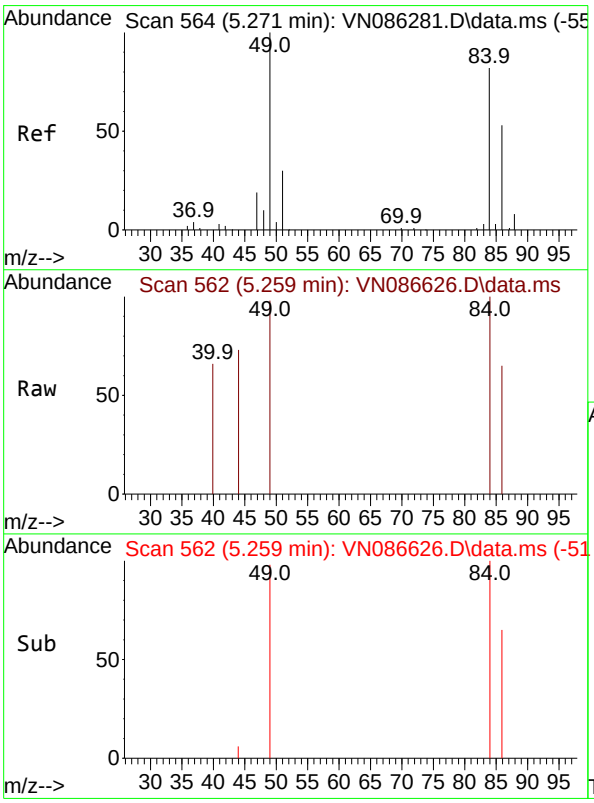
#18
Methyl Acetate
Concen: 3.283 ug/l
RT: 5.036 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 43 Resp: 10417

Ion	Ratio	Lower	Upper
43	100		
74	20.2	19.8	29.6

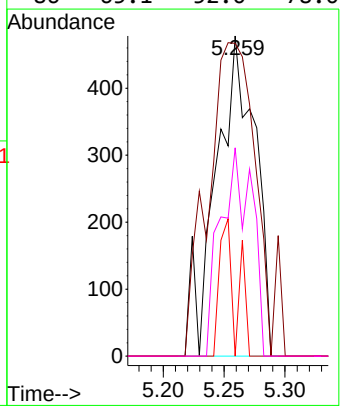


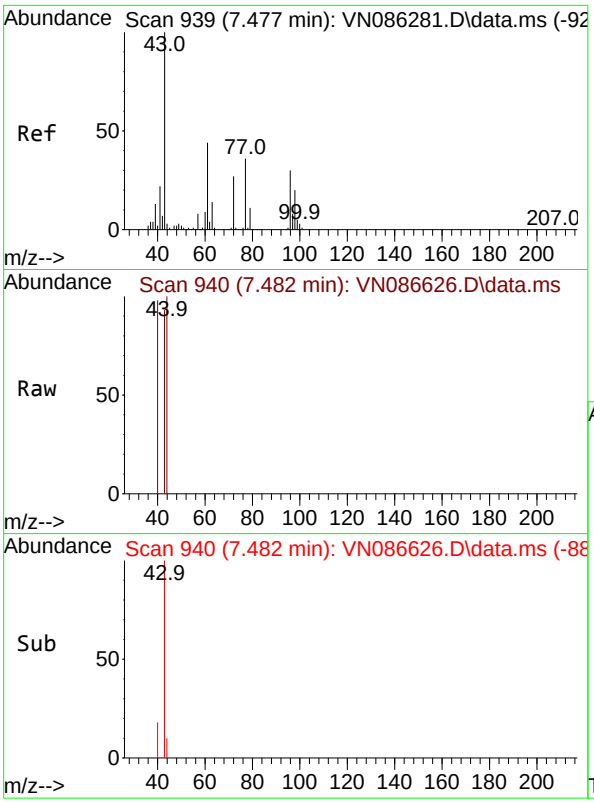


#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 84 Resp: 1072

Ion	Ratio	Lower	Upper
84	100		
49	97.7	98.2	147.2#
51	0.0	29.8	44.6#
86	65.1	52.0	78.0



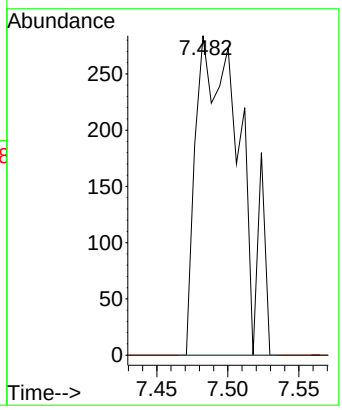


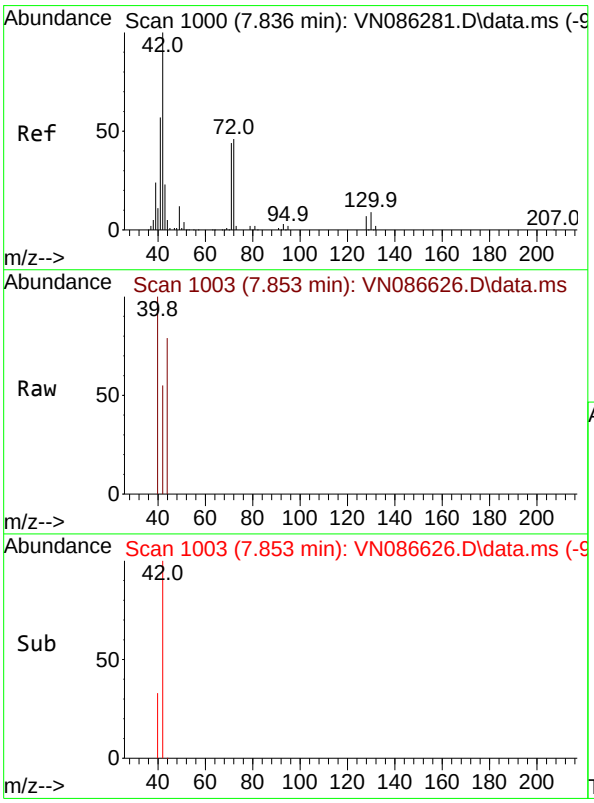
#25
2-Butanone
Concen: 0.381 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 43 Resp: 627

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#

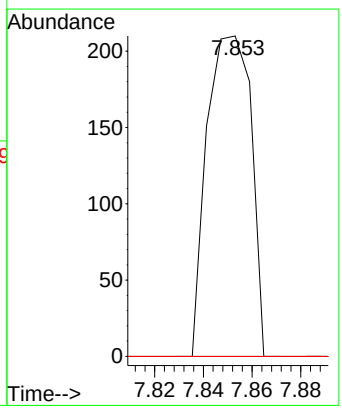


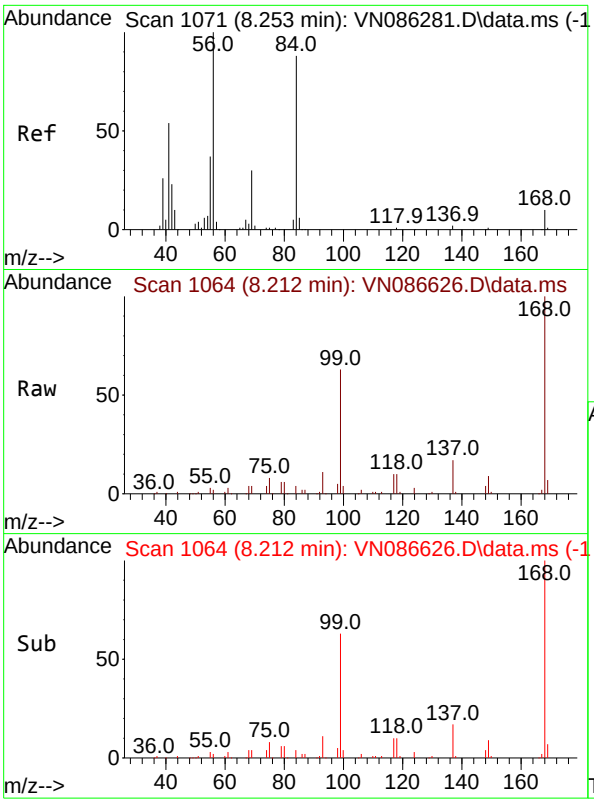


#29
Tetrahydrofuran
Concen: 0.240 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 42 Resp: 264

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	0.0	34.0	51.0#



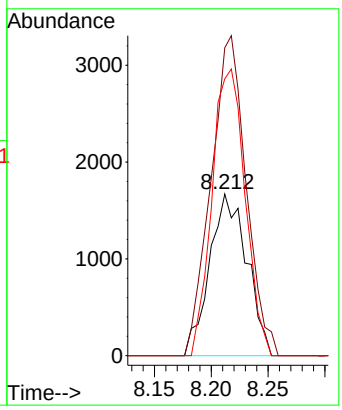


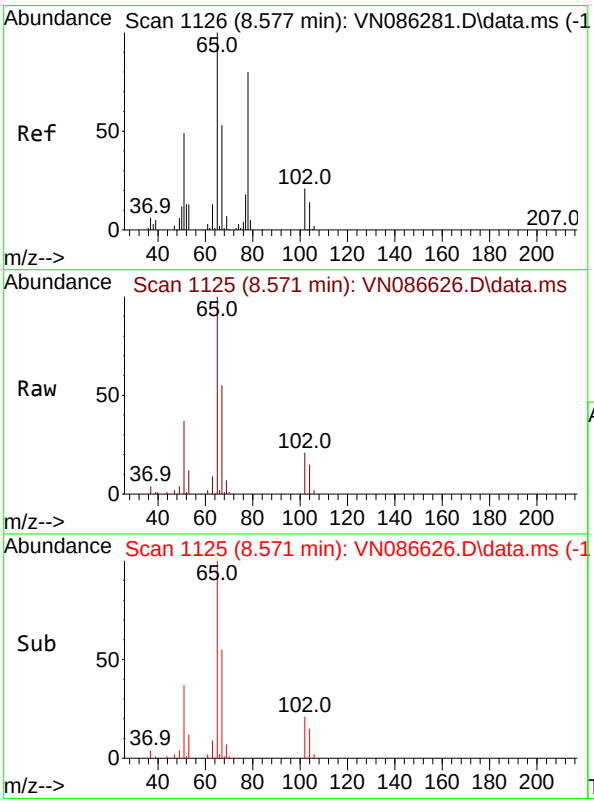
#31
Cyclohexane
Concen: 0.891 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 56 Resp: 3818

Ion	Ratio	Lower	Upper
56	100		
69	190.4	24.2	36.2#
84	171.2	70.3	105.5#

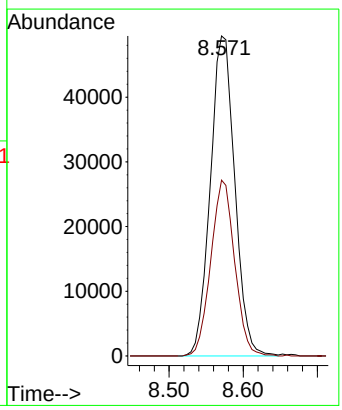


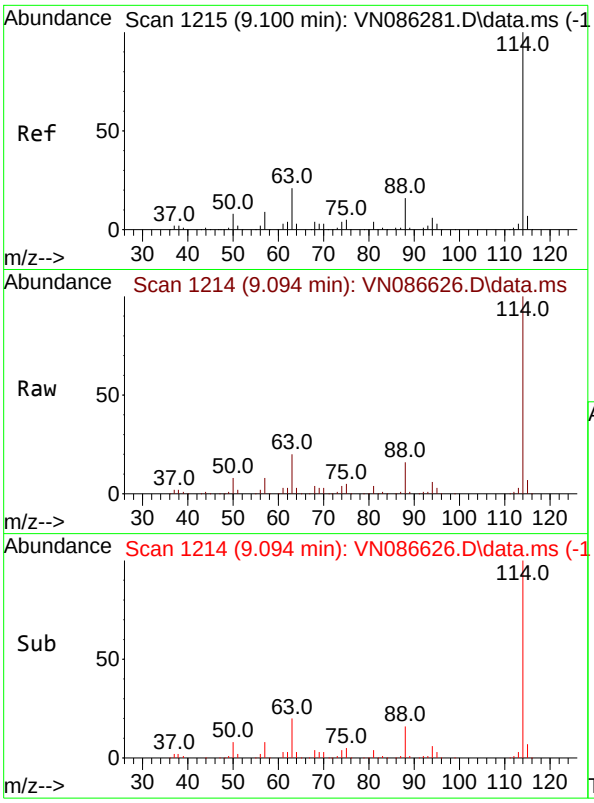


#33
1,2-Dichloroethane-d4
Concen: 42.913 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 65 Resp: 113447

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.0



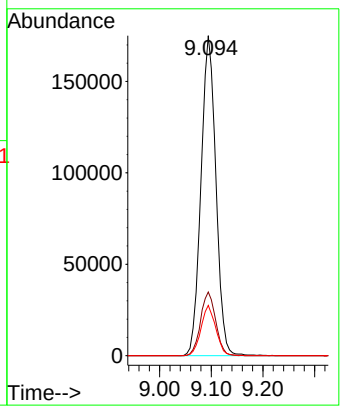


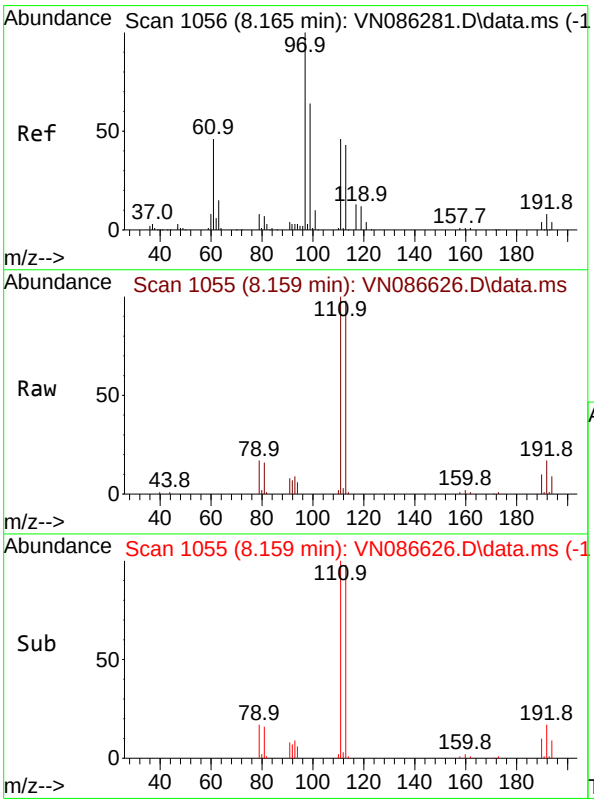
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:114 Resp: 350795

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	15.7	0.0	31.8

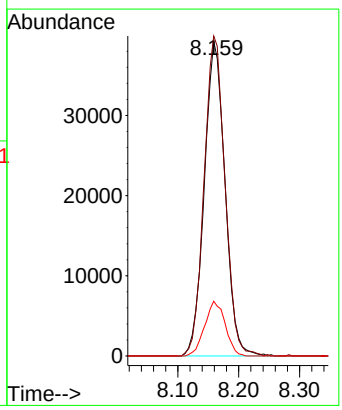


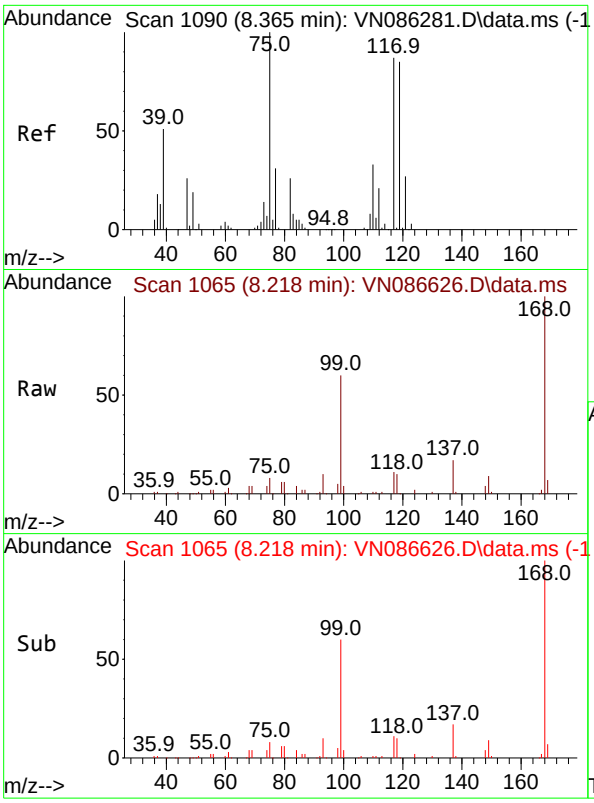


#35
Dibromofluoromethane
Concen: 56.937 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion:113 Resp: 92699

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.0
192	17.3	13.7	20.5



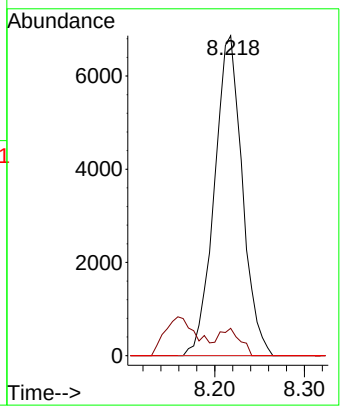


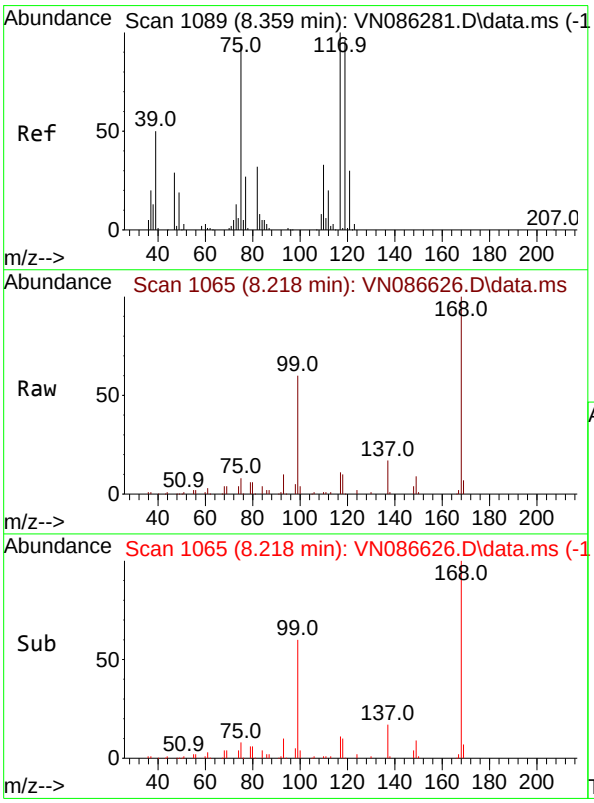
#36
1,1-Dichloropropene
Concen: 4.552 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 75 Resp: 14802

Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.8	50.4#
77	0.0	24.9	37.3#

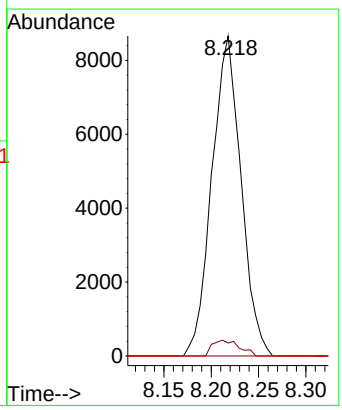


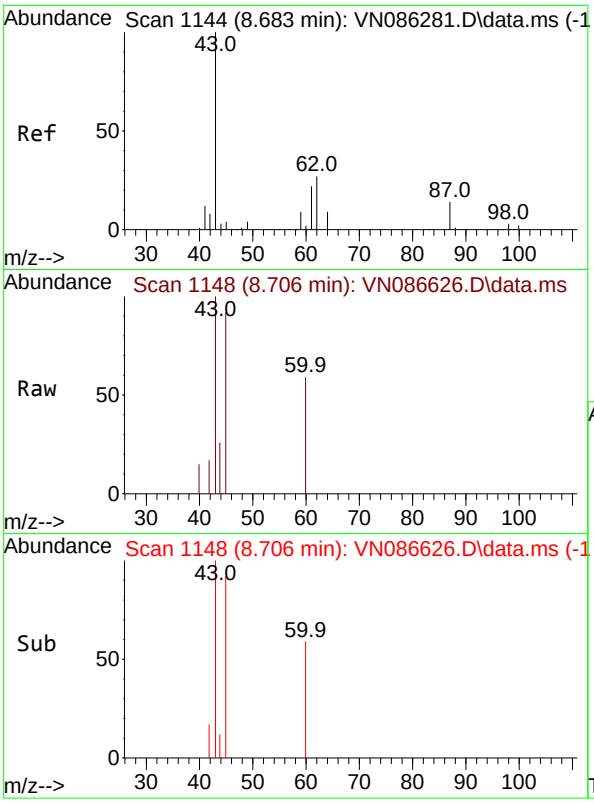


#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion:117 Resp: 18532

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.8	115.2#
121	0.0	23.8	35.8#



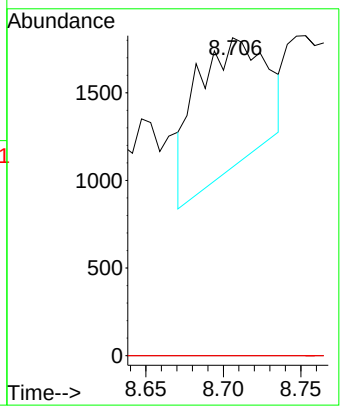


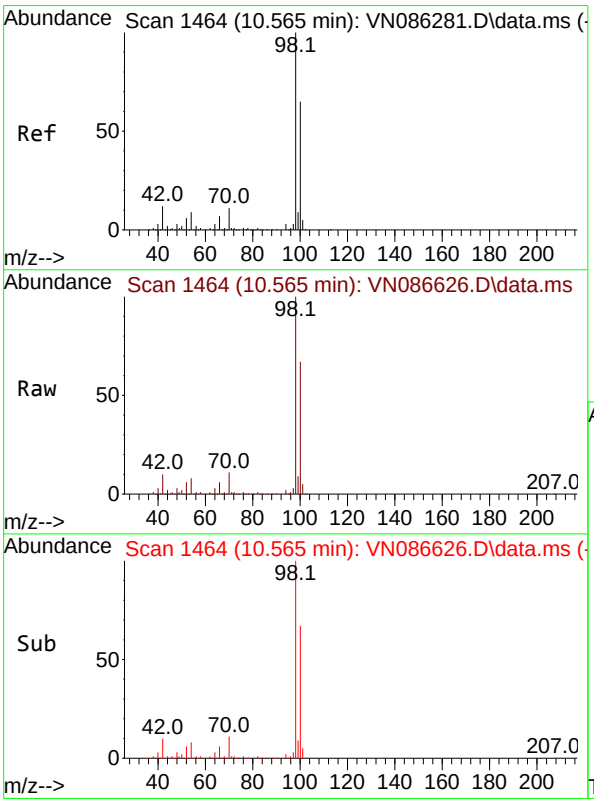
#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 43 Resp: 2318

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.5	30.7#
87	0.0	10.5	15.7#

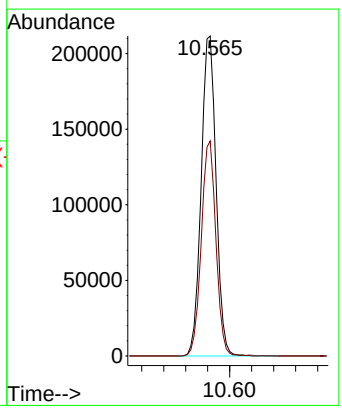


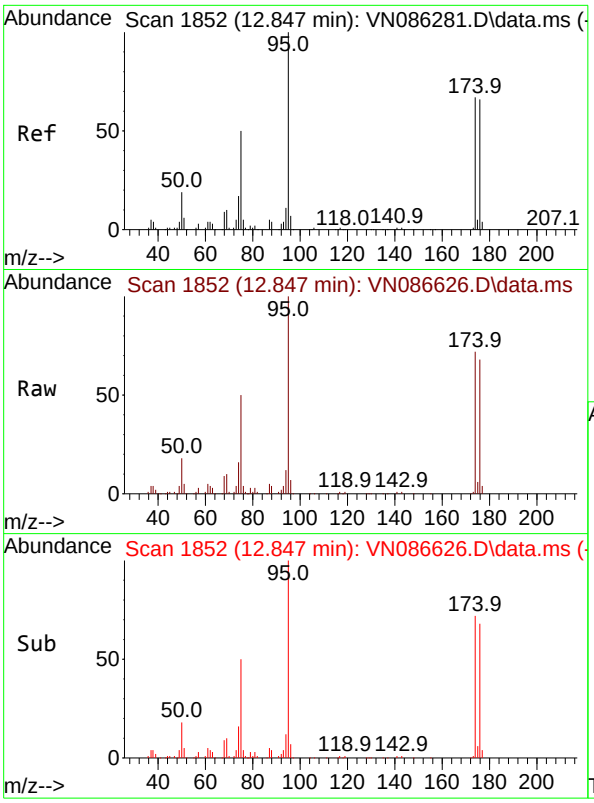


#50
Toluene-d8
Concen: 45.735 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 98 Resp: 397950

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7



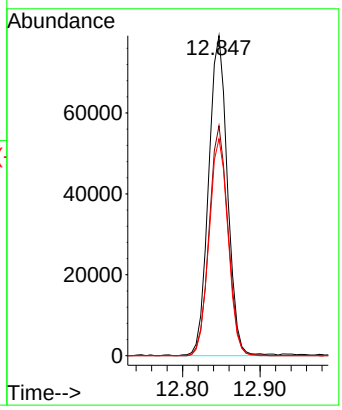


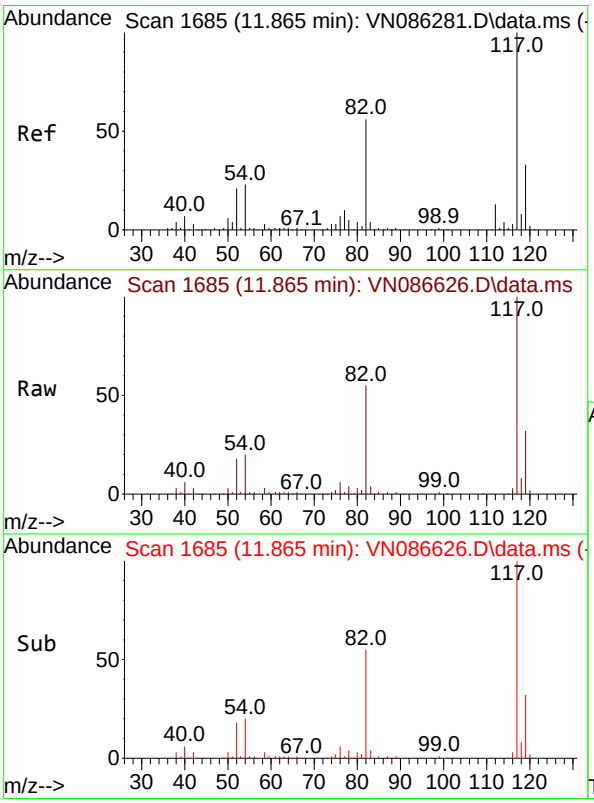
#62
4-Bromofluorobenzene
Concen: 42.111 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 95 Resp: 133648

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	133.4
176	68.1	0.0	129.2

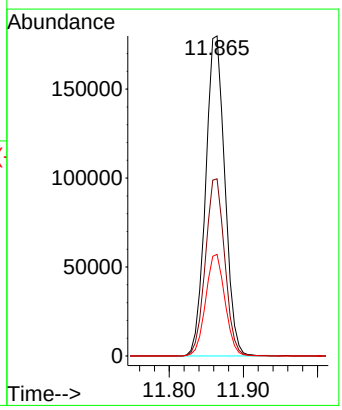


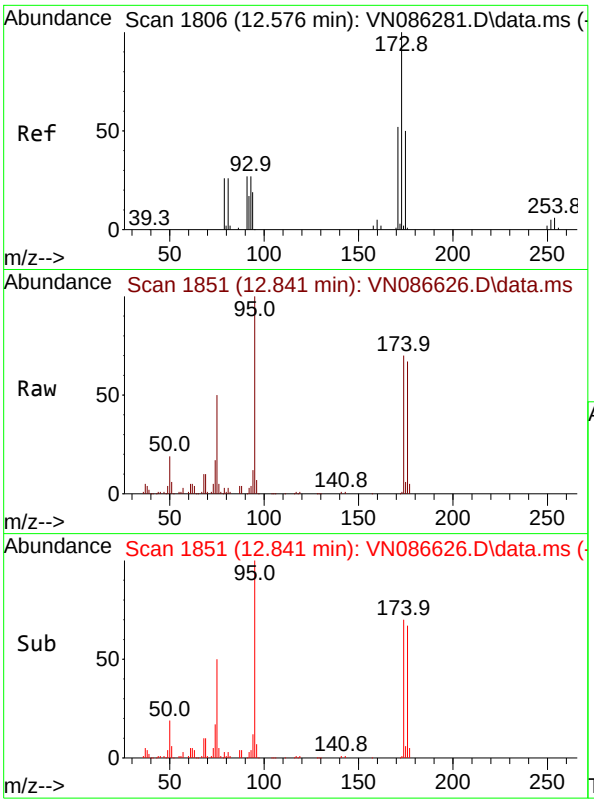


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion:117 Resp: 324073

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.7	67.1
119	31.8	26.4	39.6



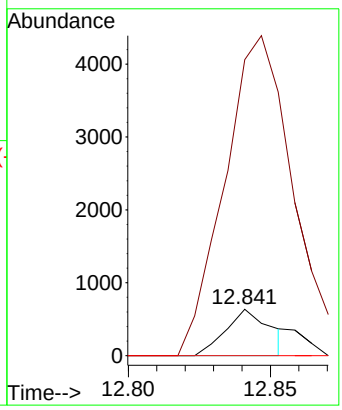


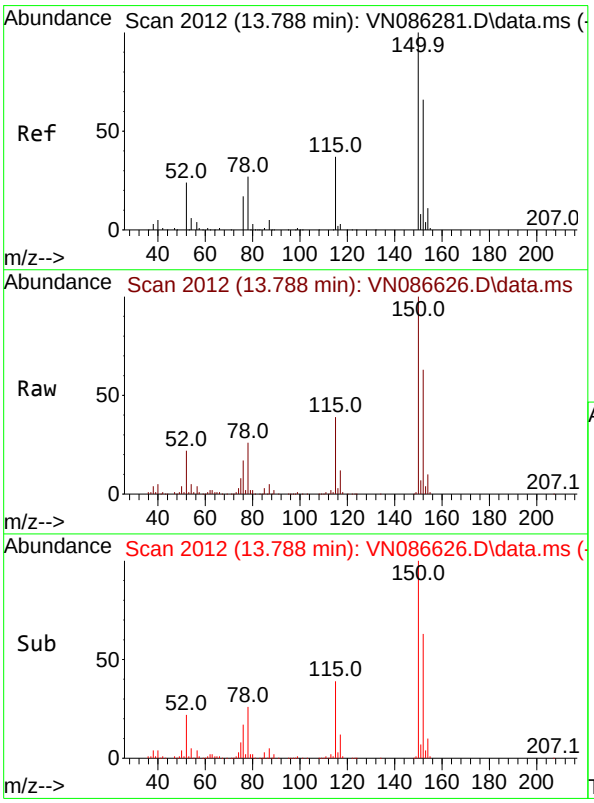
#71
Bromoform
Concen: 0.390 ug/l
RT: 12.841 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:173 Resp: 700

Ion	Ratio	Lower	Upper
173	100		
175	843.7	24.6	73.6#
254	0.0	0.0	0.0

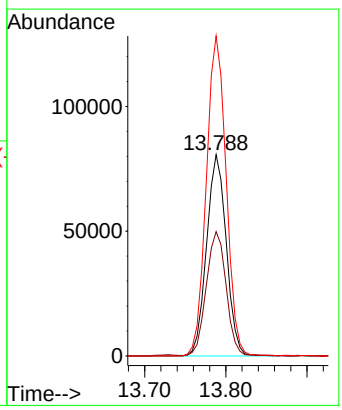


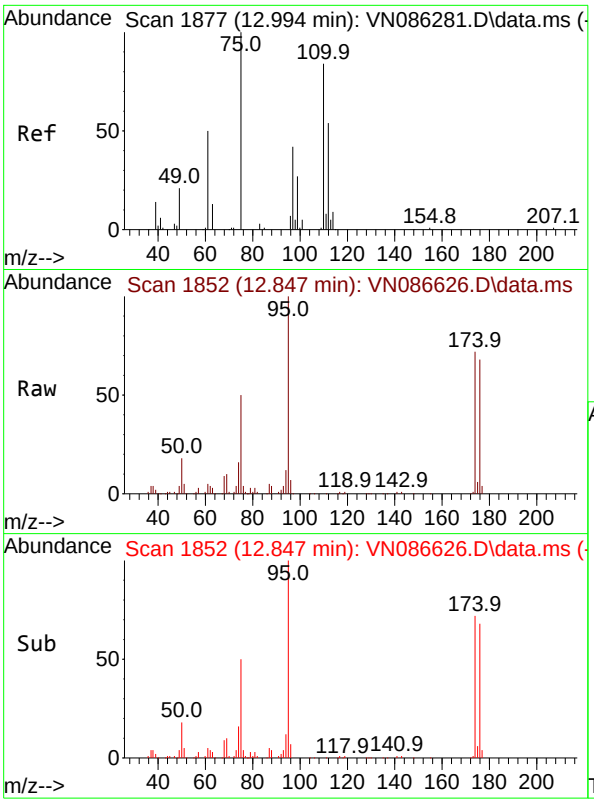


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion:152 Resp: 136078

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.9	95.9
150	159.4	0.0	352.0



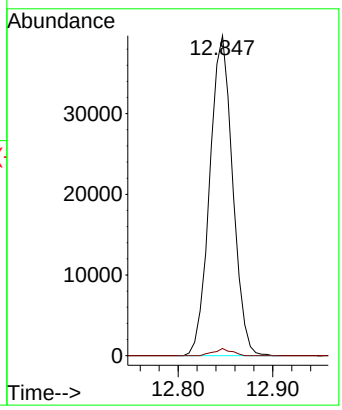


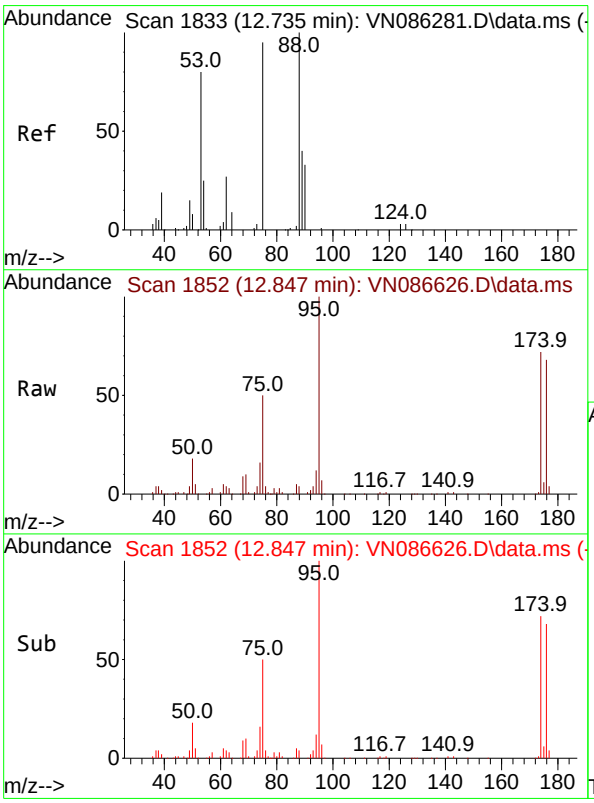
#76
1,2,3-Trichloropropane
Concen: 20.808 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 75 Resp: 66818

Ion	Ratio	Lower	Upper
75	100		
77	1.7	98.8	296.4#

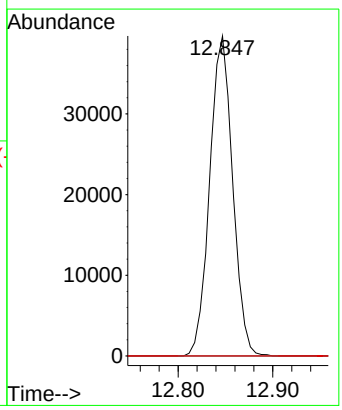


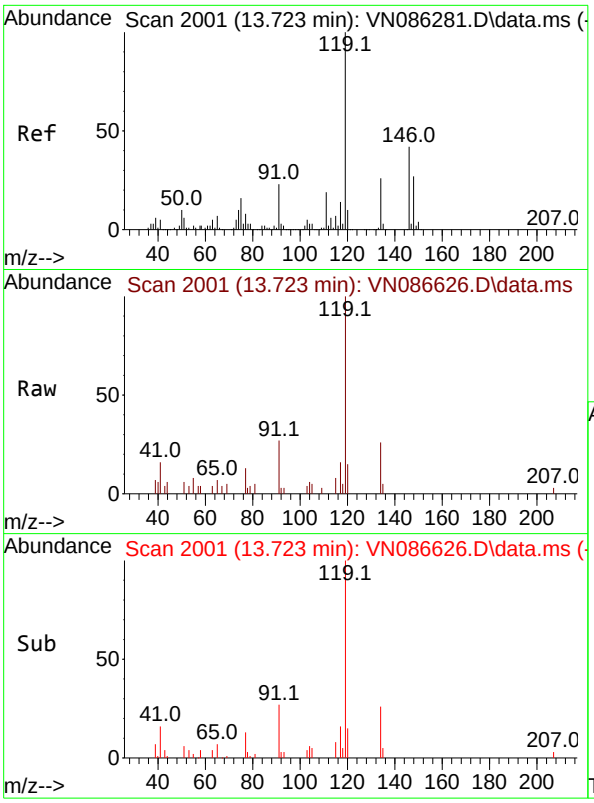


#81
trans-1,4-Dichloro-2-butene
Concen: 49.972 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 75 Resp: 66818

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.2	118.8#
89	0.0	35.7	53.5#



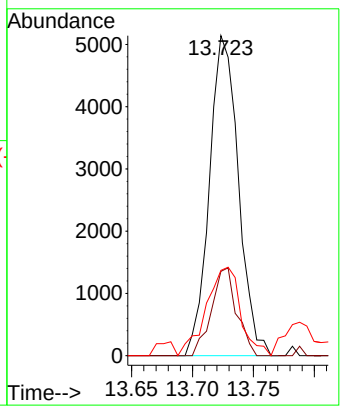


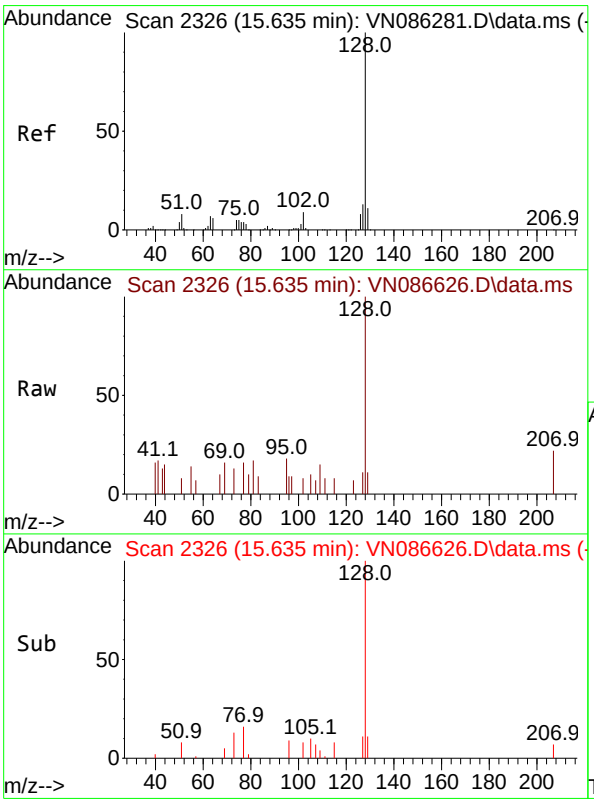
#86
p-Isopropyltoluene
Concen: 0.943 ug/l
RT: 13.723 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:119 Resp: 8514

Ion	Ratio	Lower	Upper
119	100		
134	23.7	13.1	39.1
91	32.6	11.9	35.9





#95
Naphthalene
Concen: 0.604 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion:128 Resp: 4612

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.2	15.4#
129	11.8	8.6	13.0