Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086400.D
Acq On : 28 Apr 2025 10:34
Operator : JC\MD
Sample : VN0428MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Quant Time: Apr 29 01:47:44 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	178399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124722	48.212	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.420%			
35) Dibromofluoromethane	8.165	113	88614	57.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.040%			
50) Toluene-d8	10.565	98	415458	50.023	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.847	95	143240	47.285	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.580%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	2435	0.792	ug/l #	88
5) Bromomethane	2.971	94	1075	0.815	ug/l	83
10) Methyl Iodide	4.600	142	1054	0.488	ug/l #	42
13) Acrolein	4.165	56	54	Below Cal	#	30
15) Acrylonitrile	5.712	53	383	0.328	ug/l #	73
16) Acetone	4.430	43	1983	Below Cal		89
17) Carbon Disulfide	4.712	76	2383	0.379	ug/l #	74
18) Methyl Acetate	5.018	43	878	0.283	ug/l #	51
25) 2-Butanone	7.494	43	584	0.363	ug/l #	48
29) Tetrahydrofuran	7.853	42	549	0.510	ug/l #	51
31) Cyclohexane	8.224	56	4315	1.029	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14626	4.712	ug/l #	49
38) Carbon Tetrachloride	8.218	117	17726	5.997	ug/l #	17
43) Isopropyl Acetate	8.718	43	1824	Below Cal	#	55
51) 4-Methyl-2-Pentanone	10.447	43	721	0.215	ug/l #	35
59) 2-Hexanone	11.188	43	1276	0.514	ug/l	77
68) m/p-Xylenes	12.070	106	971	0.213	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	73417	24.479	ug/l #	1
79) 2-Chlorotoluene	13.212	91	1676	0.219	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.847	75	73417	58.790	ug/l #	10
82) 4-Chlorotoluene	13.212	91	1676	0.220	ug/l	87
85) sec-Butylbenzene	13.617	105	2661	0.260	ug/l	93
86) p-Isopropyltoluene	13.729	119	1965	0.233	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	1136	0.262	ug/l	91
88) 1,4-Dichlorobenzene	13.729	146	1136	0.260	ug/l	92
89) n-Butylbenzene	14.053	91	3439	0.460	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	1026	0.244	ug/l	91
93) 1,2,4-Trichlorobenzene	15.382	180	1626	0.809	ug/l	96
94) Hexachlorobutadiene	15.488	225	1018	1.341	ug/l	86
95) Naphthalene	15.635	128	9103	1.277	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	1859	0.977	ug/l	96

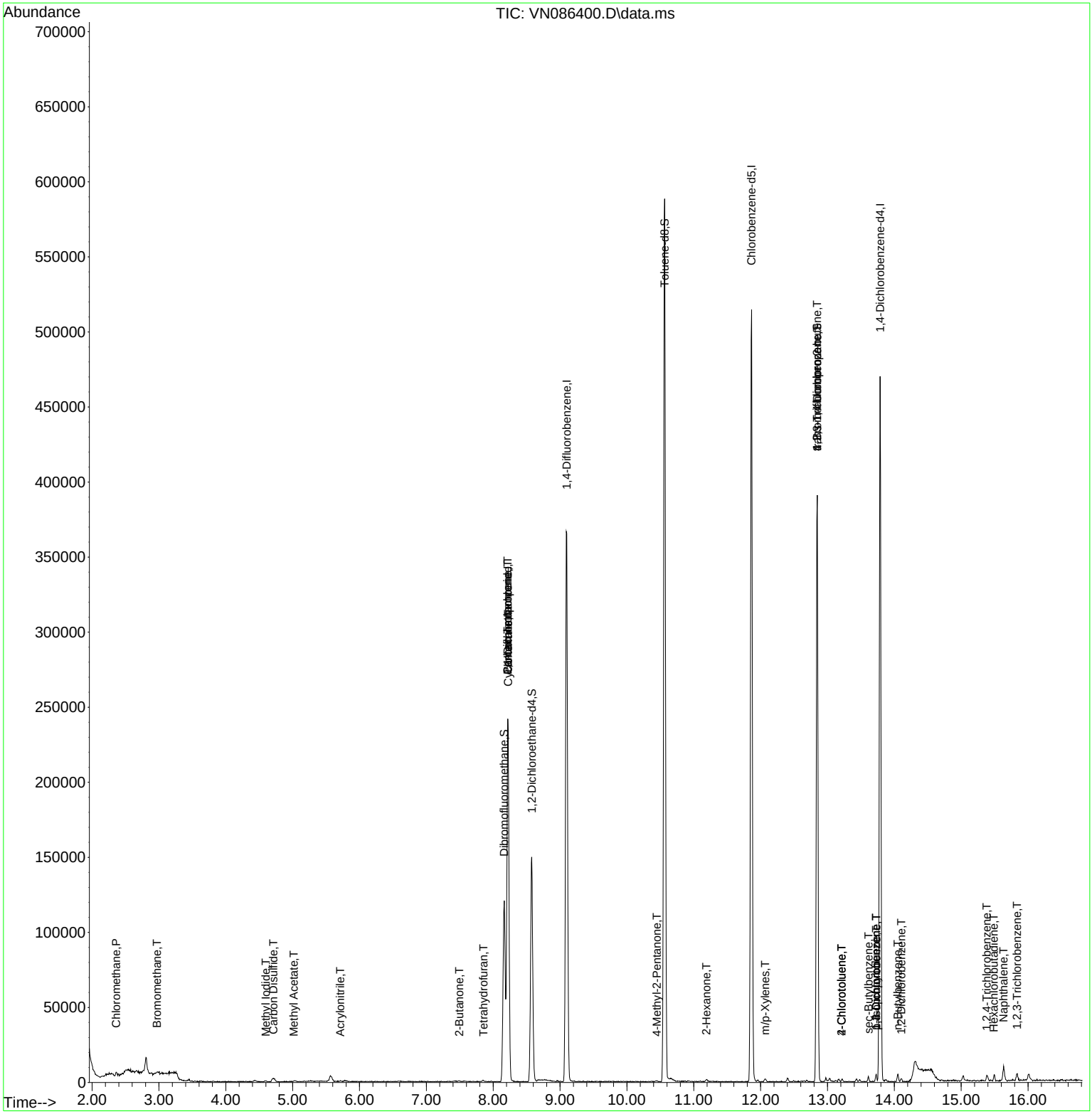
(#) = qualifier out of range (m) = manual integration (+) = signals summed

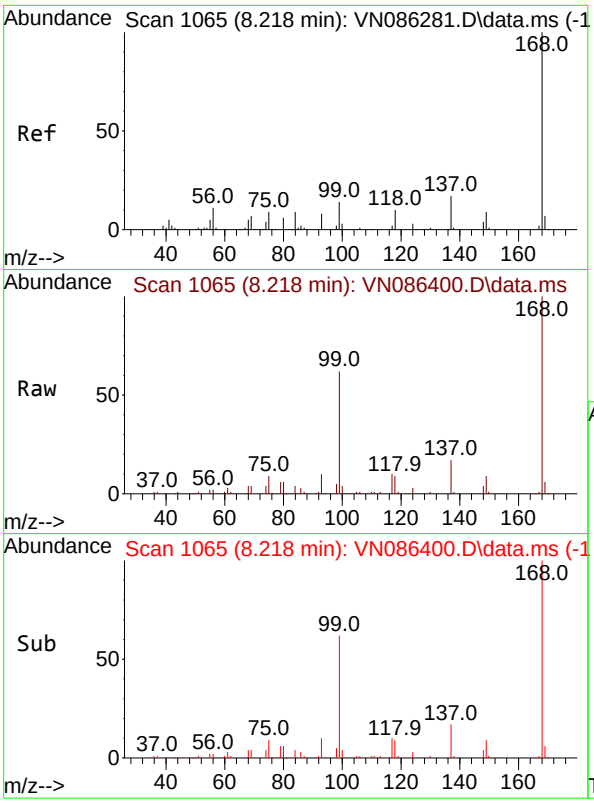
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086400.D
Acq On : 28 Apr 2025 10:34
Operator : JC\MD
Sample : VN0428MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Quant Time: Apr 29 01:47:44 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



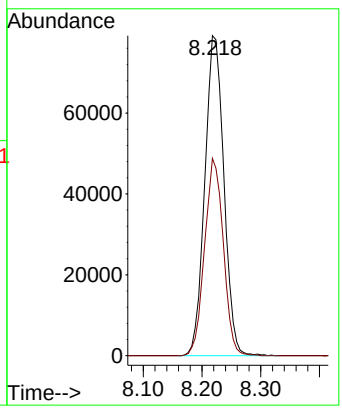


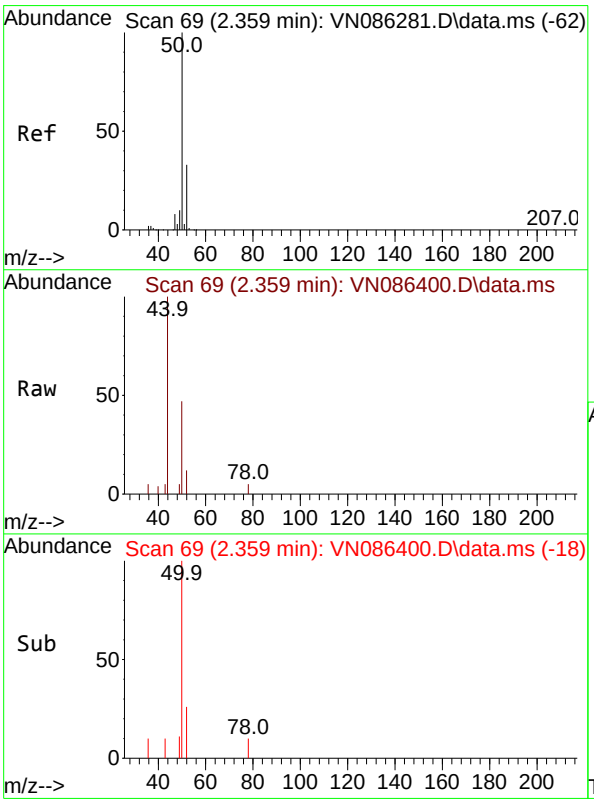
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:168 Resp: 178399

Ion	Ratio	Lower	Upper
168	100		
99	61.7	52.5	78.7

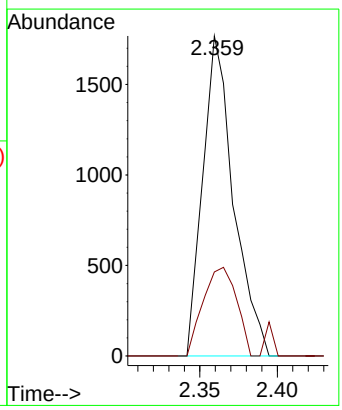


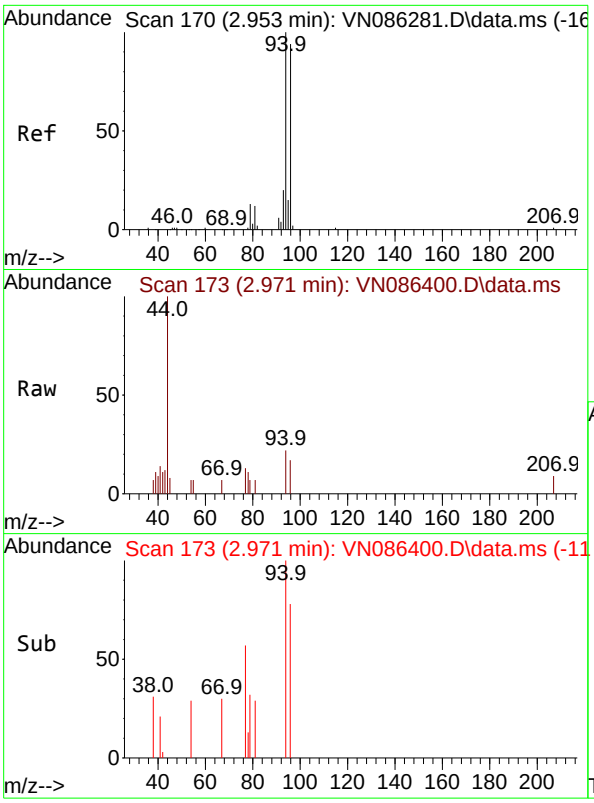


#3
Chloromethane
Concen: 0.792 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 50 Resp: 2435

Ion	Ratio	Lower	Upper
50	100		
52	26.2	26.5	39.7#



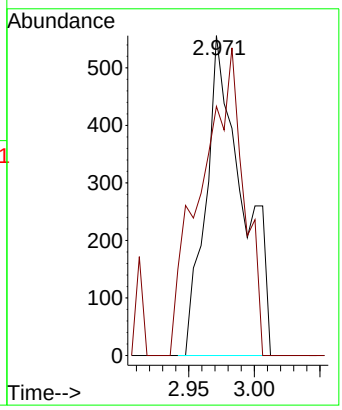


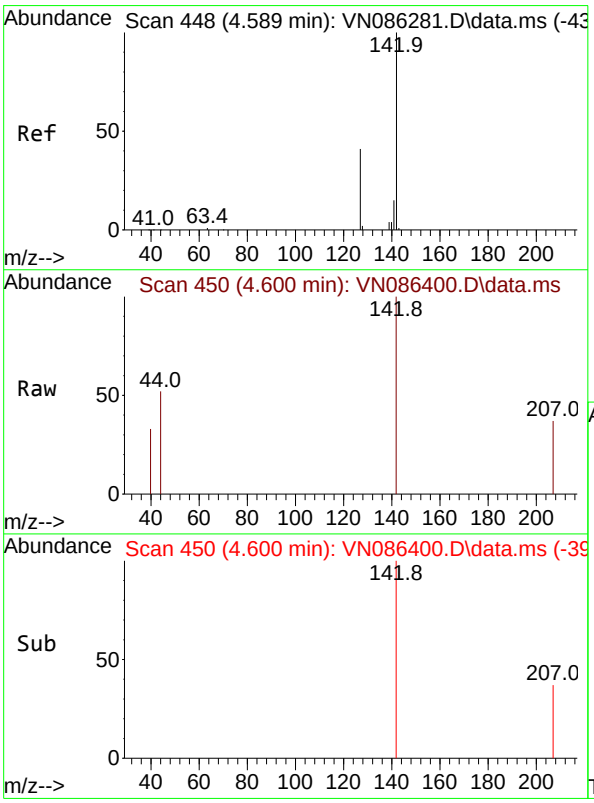
#5
Bromomethane
Concen: 0.815 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 94 Resp: 1075

Ion	Ratio	Lower	Upper
94	100		
96	77.9	75.2	112.8

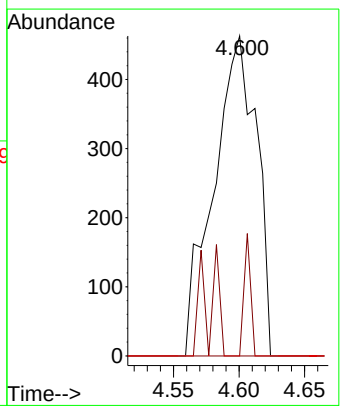


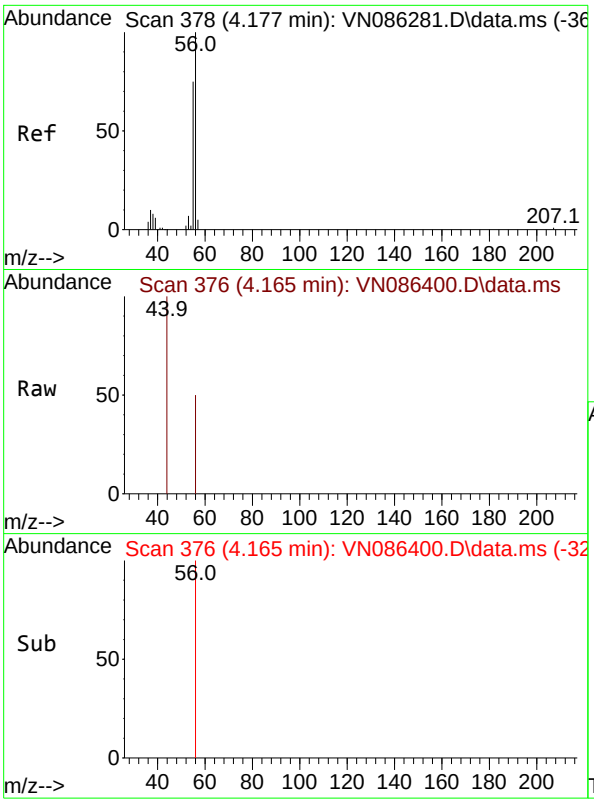


#10
Methyl Iodide
Concen: 0.488 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:142 Resp: 1054

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



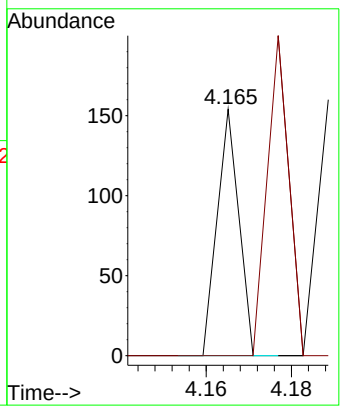


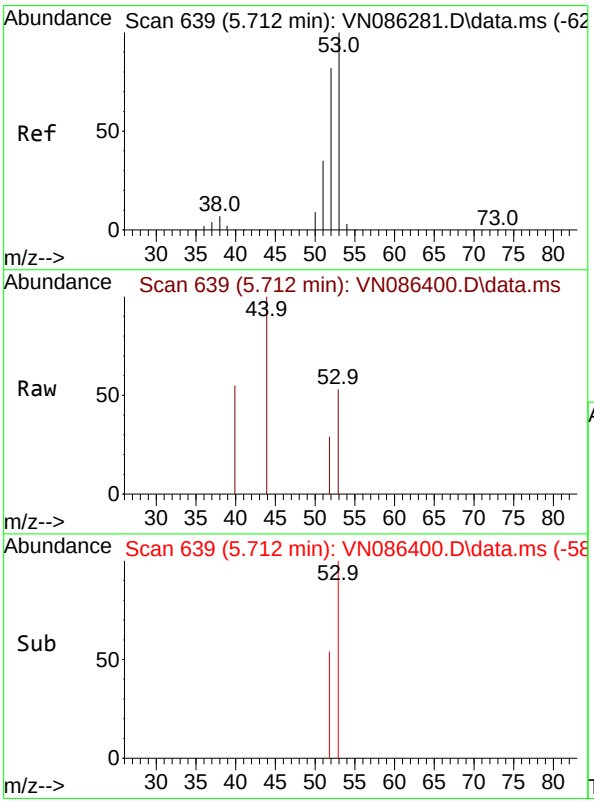
#13
Acrolein
Concen: Below Cal
RT: 4.165 min Scan# 3
Delta R.T. -0.012 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 56 Resp: 54

Ion	Ratio	Lower	Upper
56	100		
55	131.5	58.5	87.7#

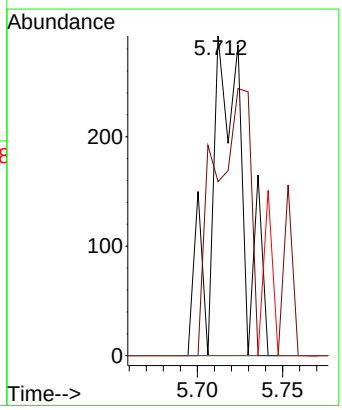


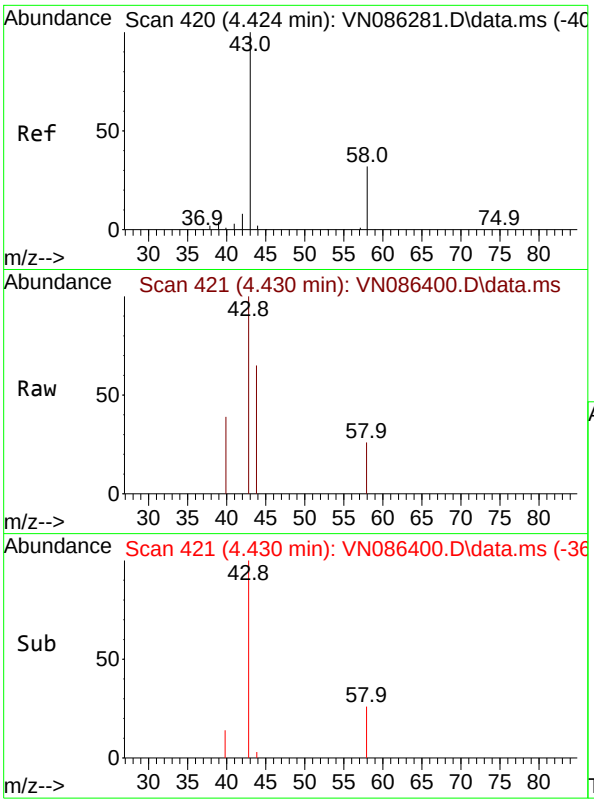


#15
Acrylonitrile
Concen: 0.328 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 53 Resp: 383

Ion	Ratio	Lower	Upper
53	100		
52	92.7	65.5	98.3
51	0.0	28.6	42.8#



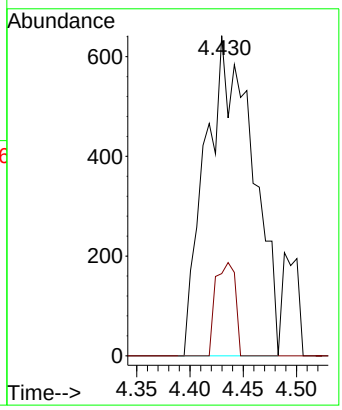


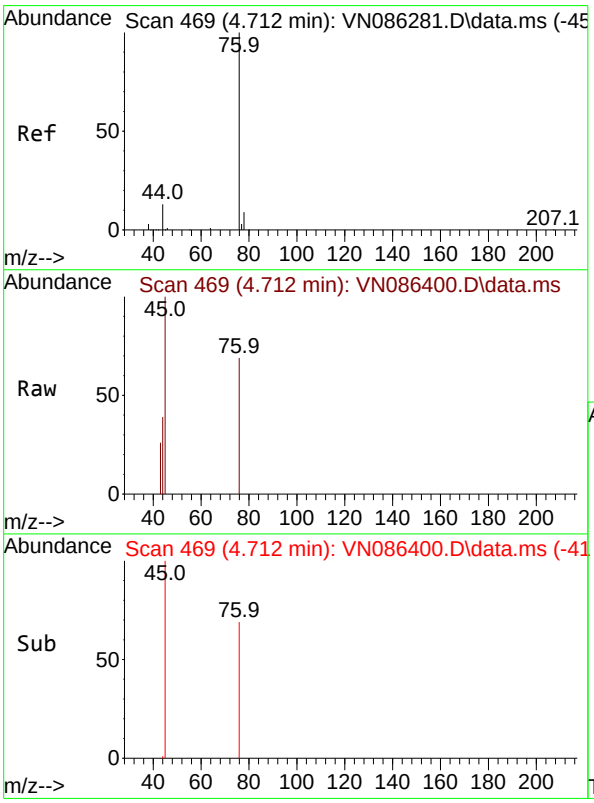
#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 43 Resp: 1983

Ion	Ratio	Lower	Upper
43	100		
58	25.7	25.3	37.9

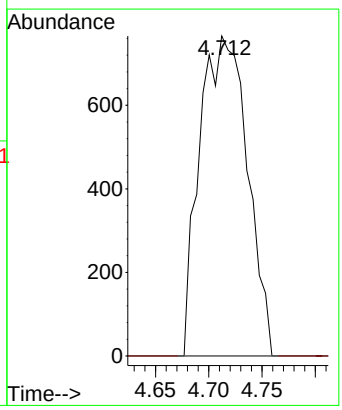


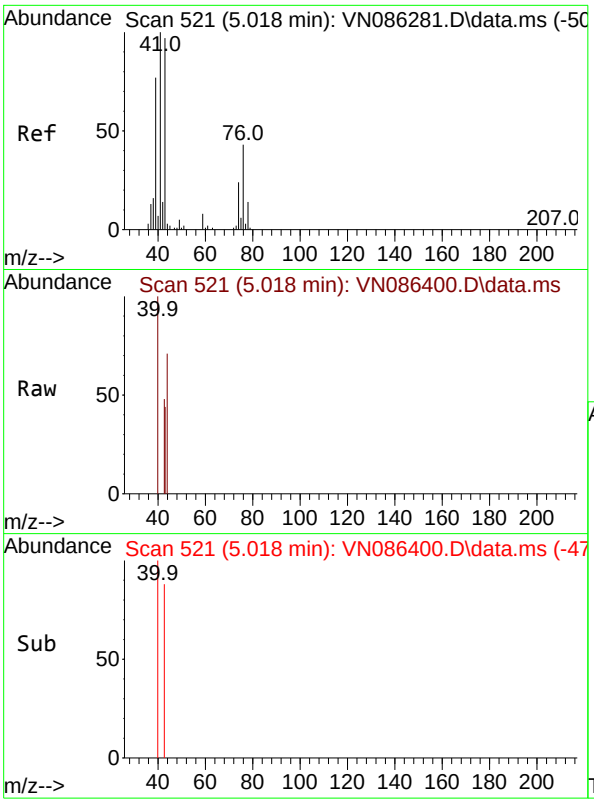


#17
Carbon Disulfide
Concen: 0.379 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 76 Resp: 2383

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



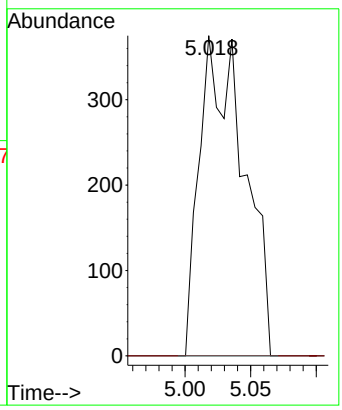


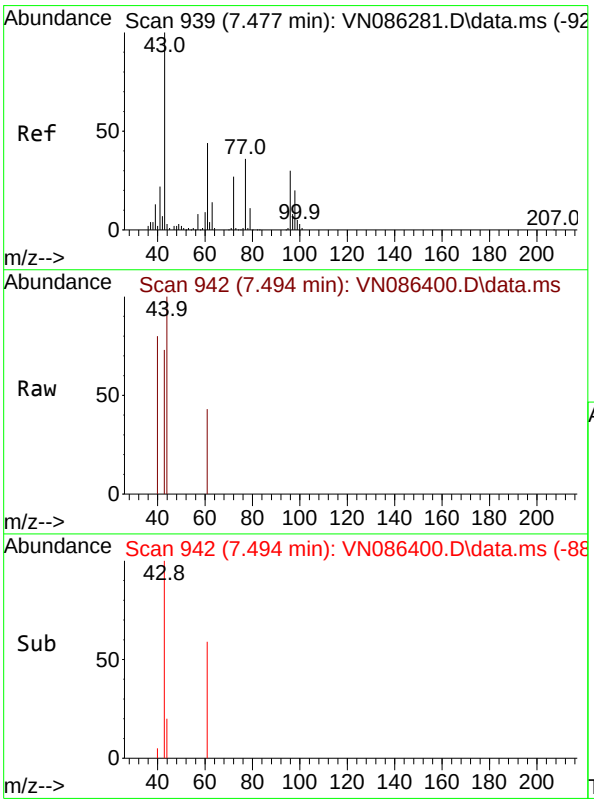
#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 5.018 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 43 Resp: 878

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.8	29.6#

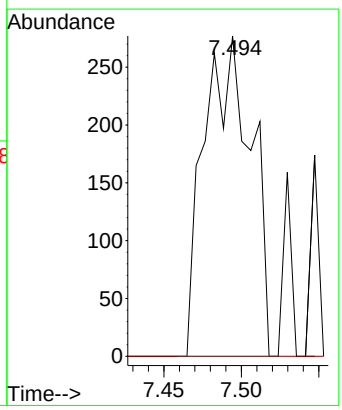


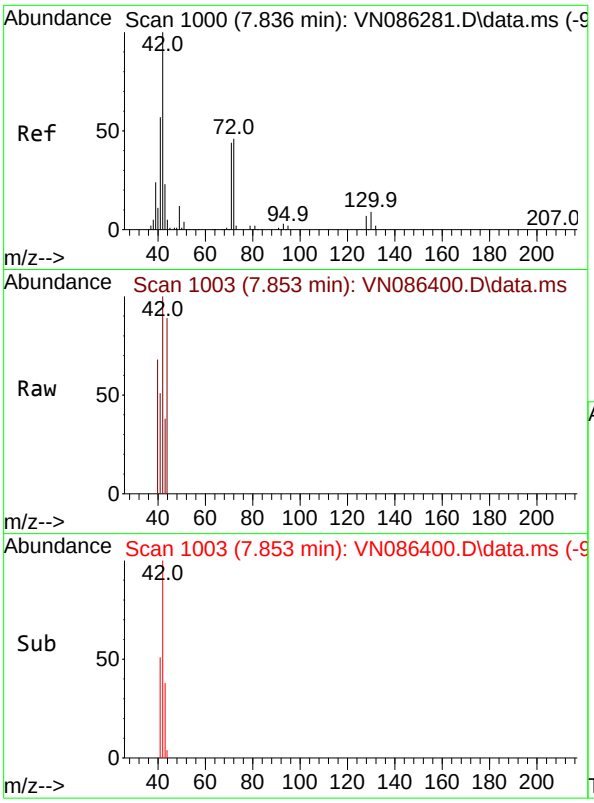


#25
2-Butanone
Concen: 0.363 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 43 Resp: 584

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#



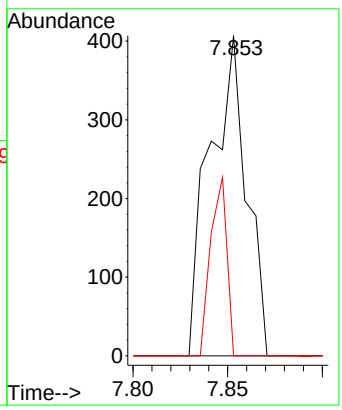


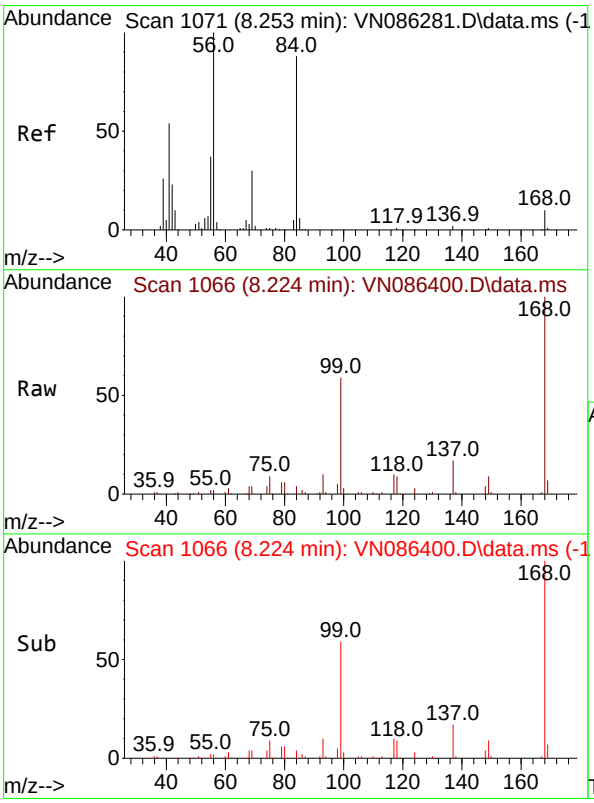
#29
Tetrahydrofuran
Concen: 0.510 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 42 Resp: 549

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	24.6	34.0	51.0#

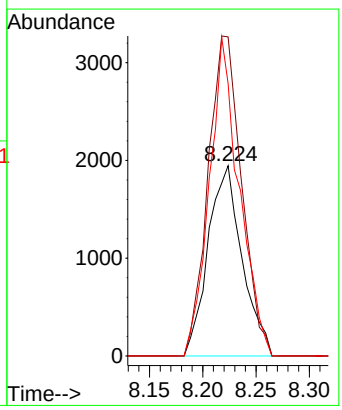


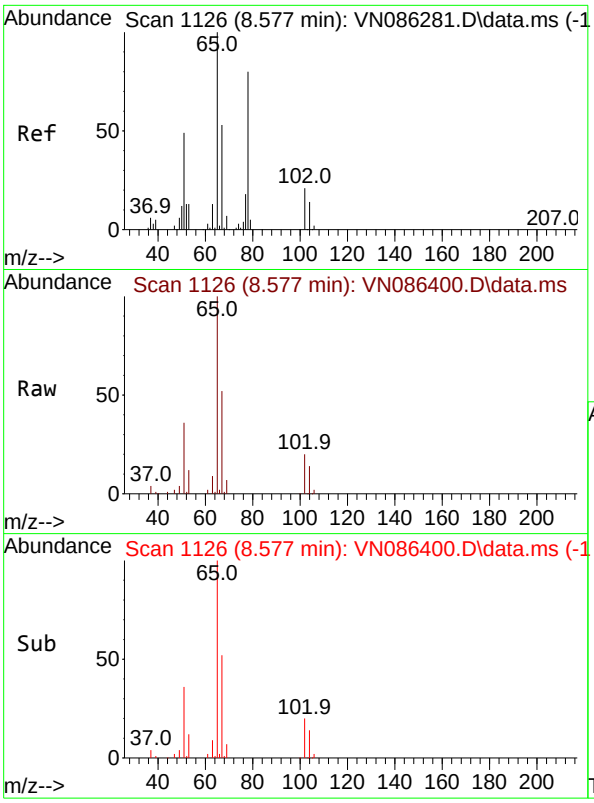


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 56 Resp: 4315

Ion	Ratio	Lower	Upper
56	100		
69	167.7	24.2	36.2#
84	143.1	70.3	105.5#



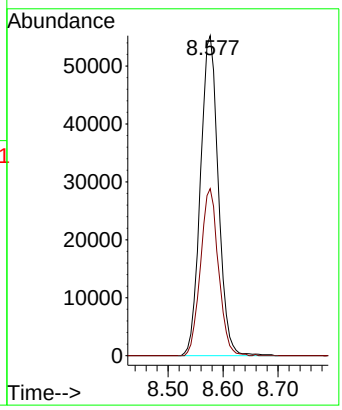


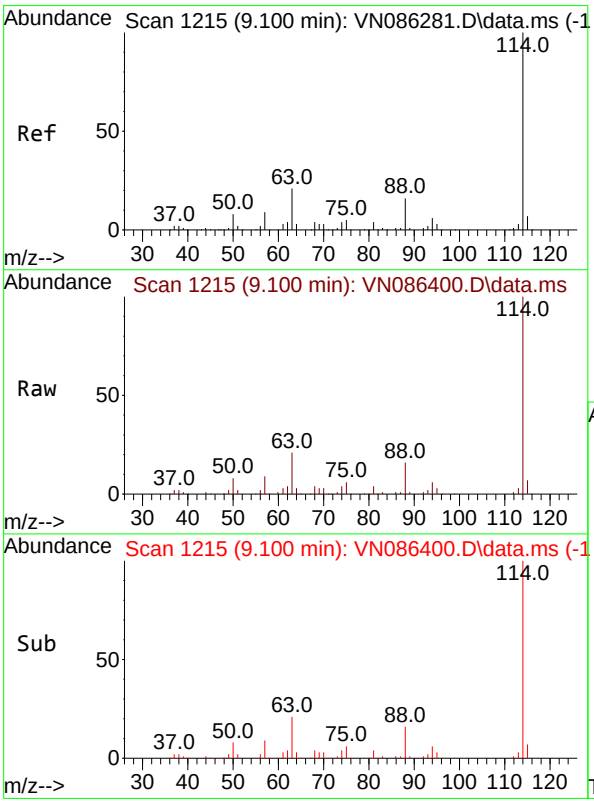
#33
1,2-Dichloroethane-d4
Concen: 48.212 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 65 Resp: 124722

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

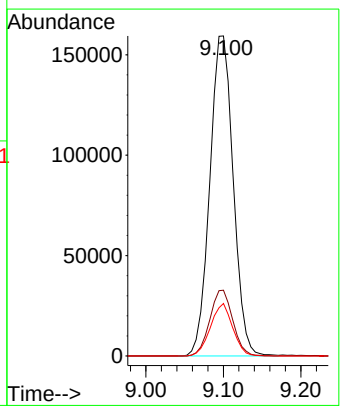


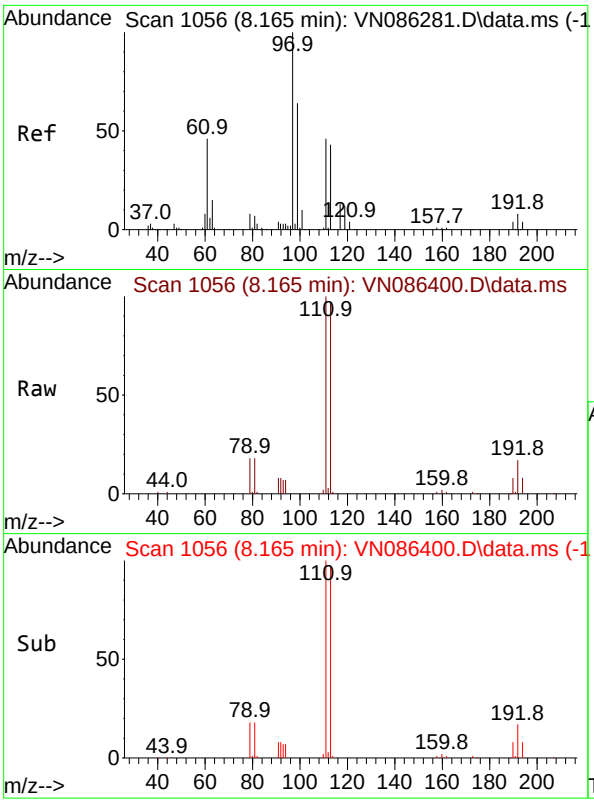


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:114 Resp: 334831

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.6
88	16.4	0.0	31.8



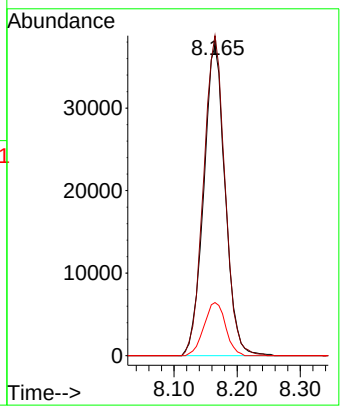


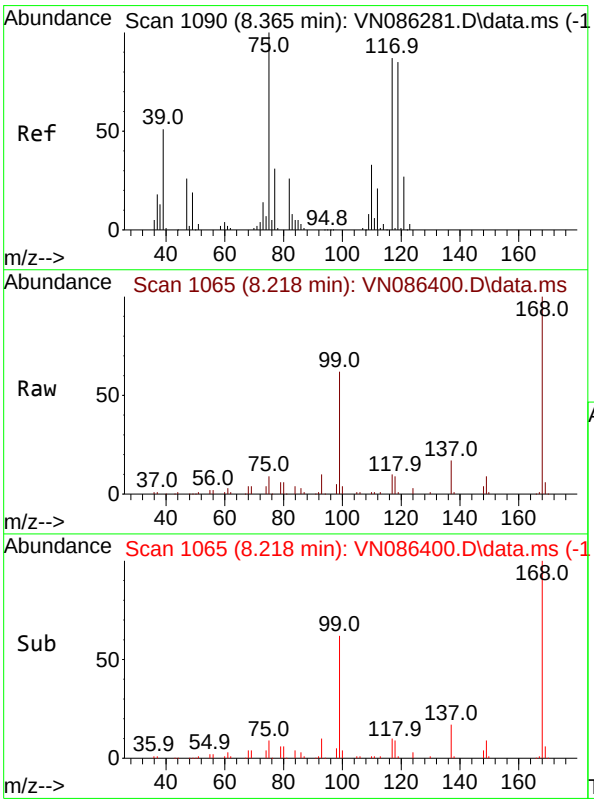
#35
Dibromofluoromethane
Concen: 57.023 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:113 Resp: 88614

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	17.2	13.7	20.5

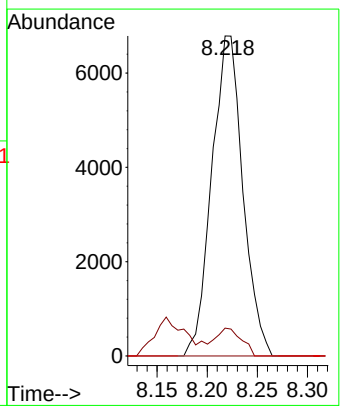


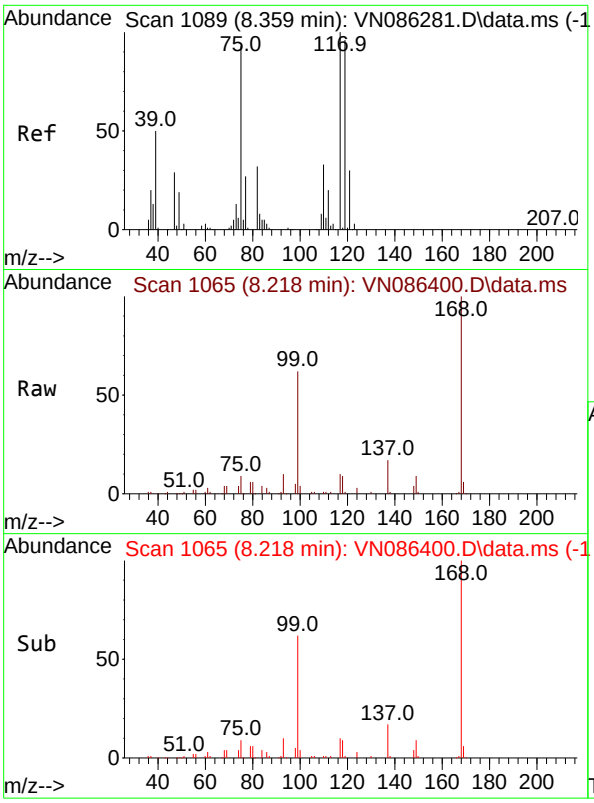


#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 75 Resp: 14626

Ion	Ratio	Lower	Upper
75	100		
110	7.1	16.8	50.4#
77	0.0	24.9	37.3#



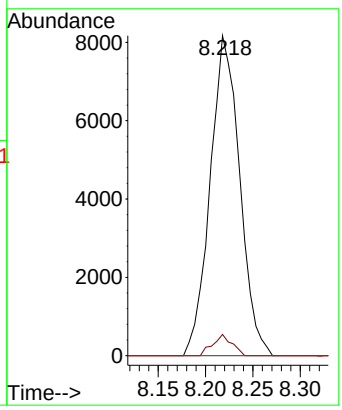


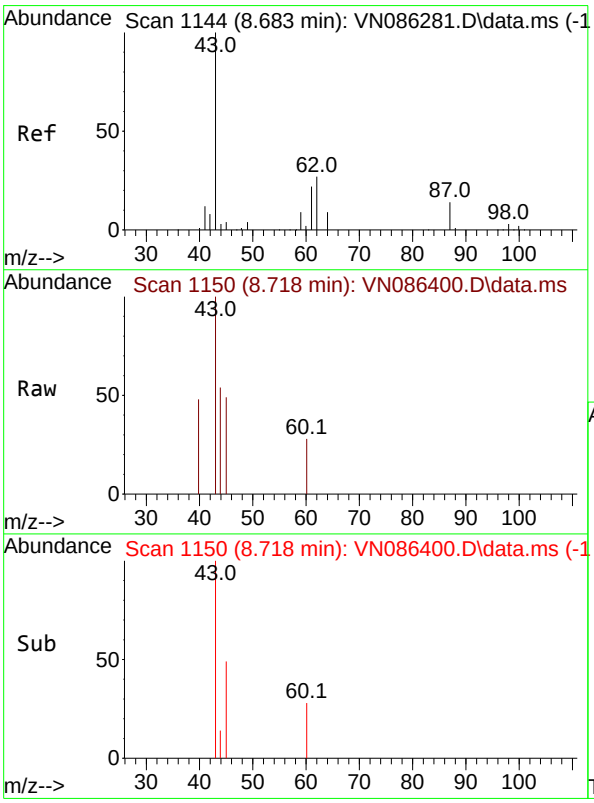
#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:117 Resp: 17726

Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.8	115.2#
121	0.0	23.8	35.8#

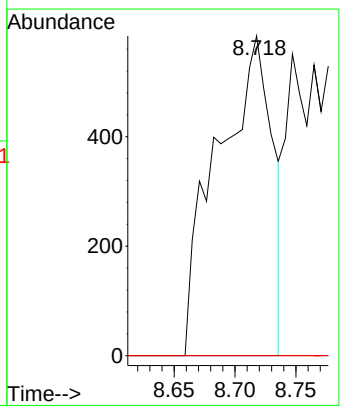


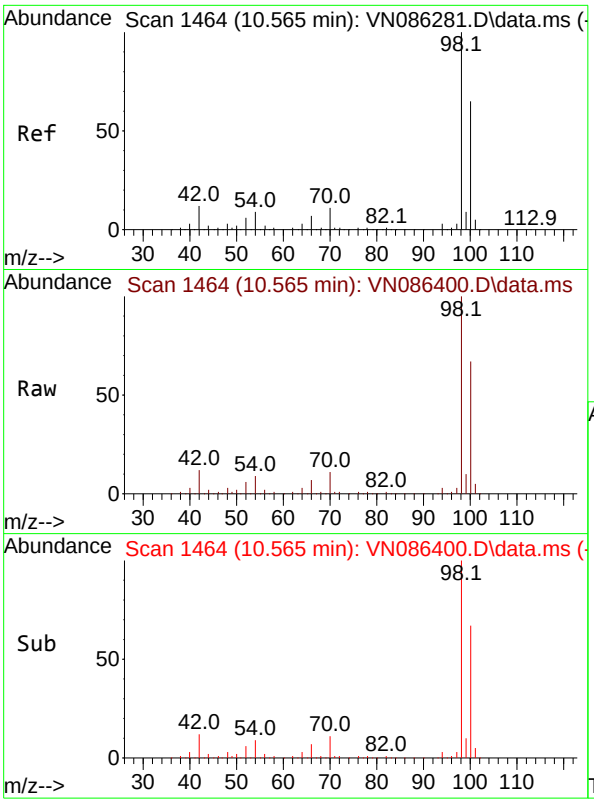


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.718 min Scan# 1150
Delta R.T. 0.035 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 43 Resp: 1824

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



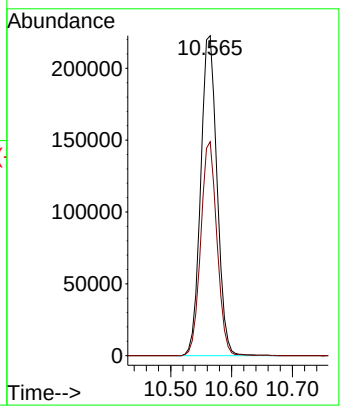


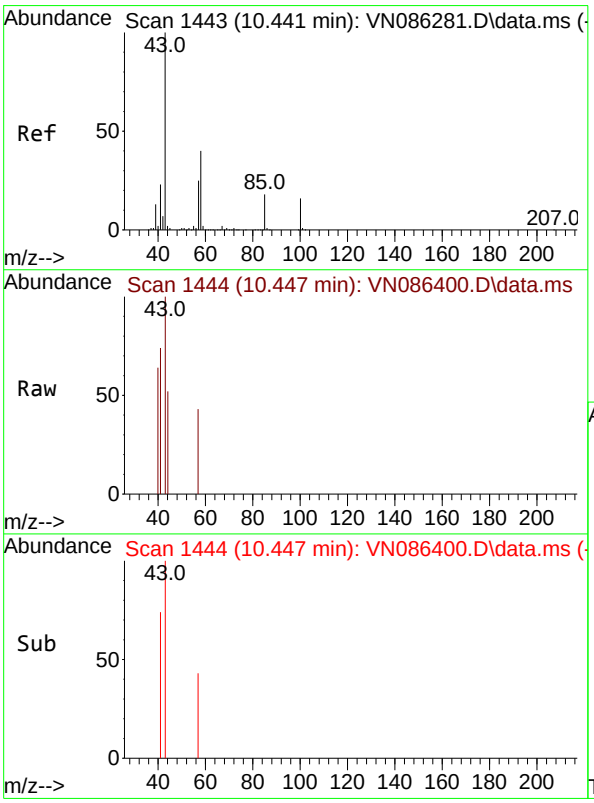
#50
Toluene-d8
Concen: 50.023 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 98 Resp: 415458

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.5	78.7

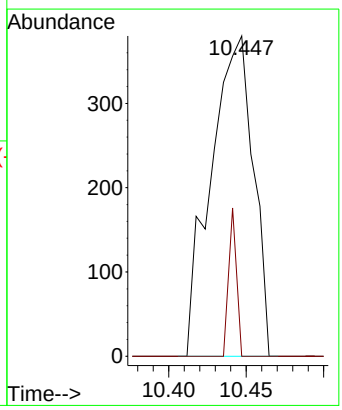


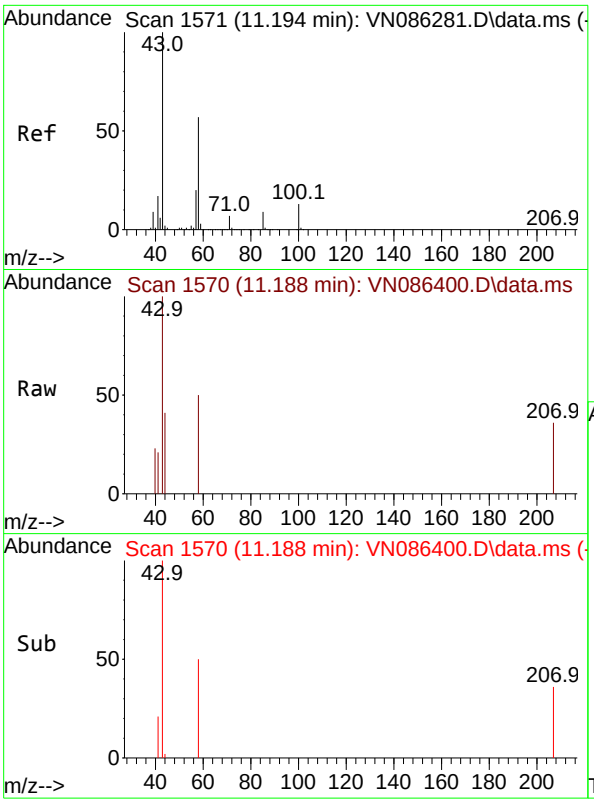


#51
4-Methyl-2-Pentanone
Concen: 0.215 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 43 Resp: 721

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#



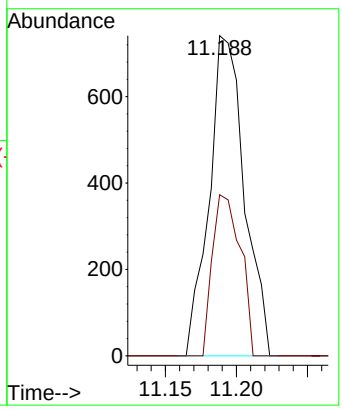


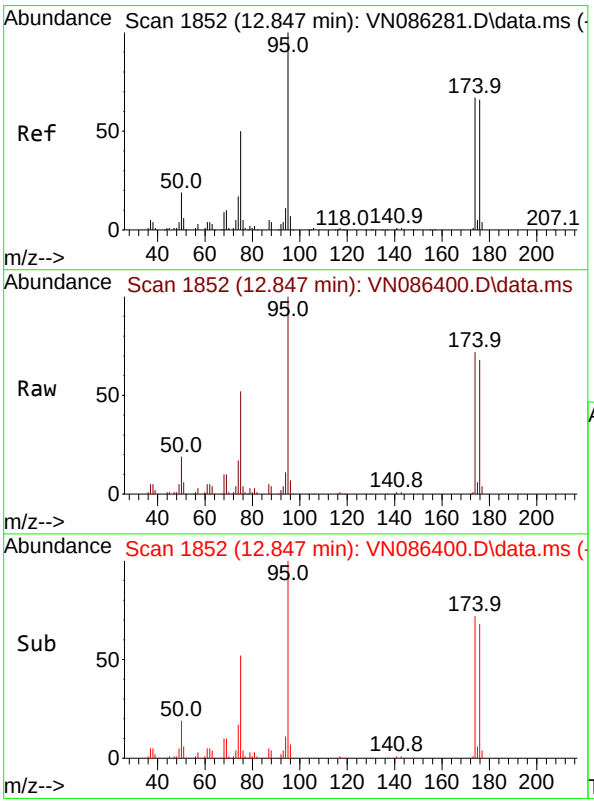
#59
2-Hexanone
Concen: 0.514 ug/l
RT: 11.188 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 43 Resp: 1276

Ion	Ratio	Lower	Upper
43	100		
58	40.0	28.3	85.0

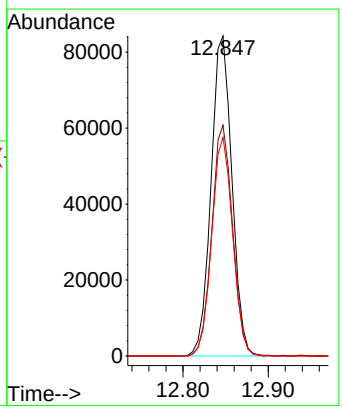


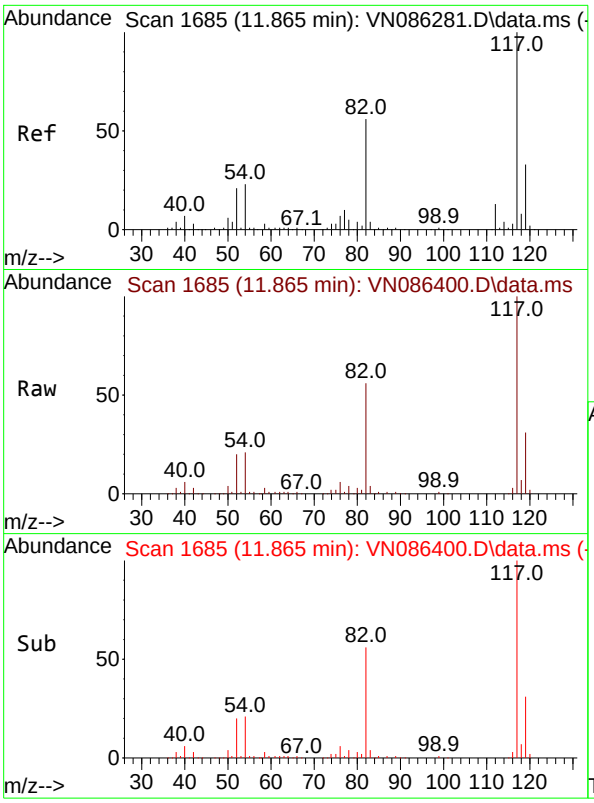


#62
4-Bromofluorobenzene
Concen: 47.285 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 95 Resp: 143240

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	133.4
176	68.3	0.0	129.2



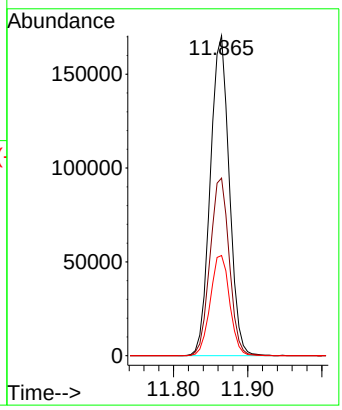


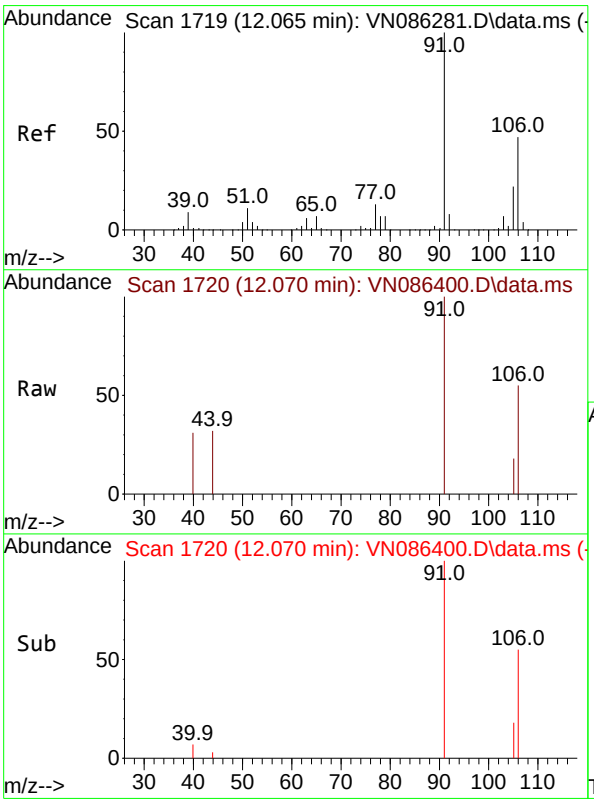
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:117 Resp: 302710

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.7	67.1
119	31.3	26.4	39.6

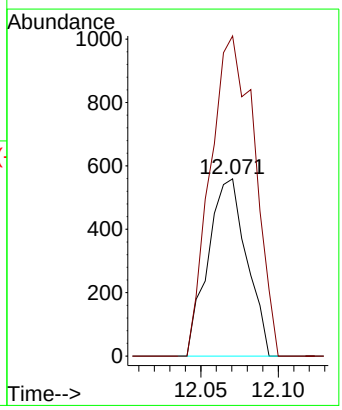


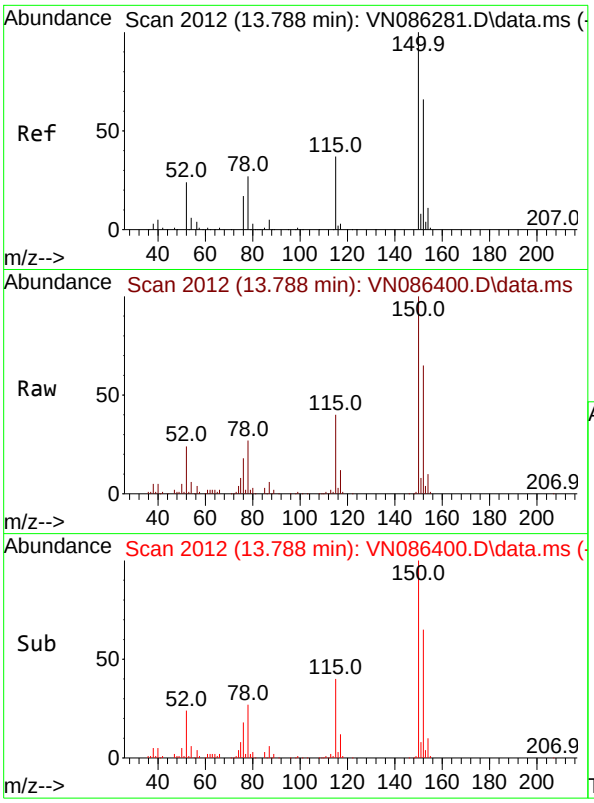


#68
m/p-Xylenes
Concen: 0.213 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:106 Resp: 971

Ion	Ratio	Lower	Upper
106	100		
91	205.3	166.5	249.7



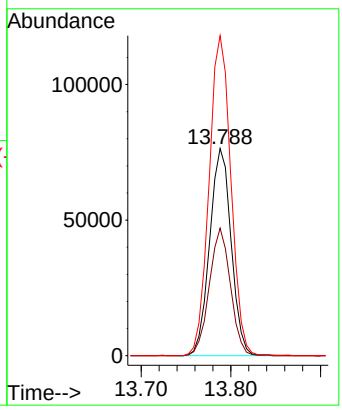


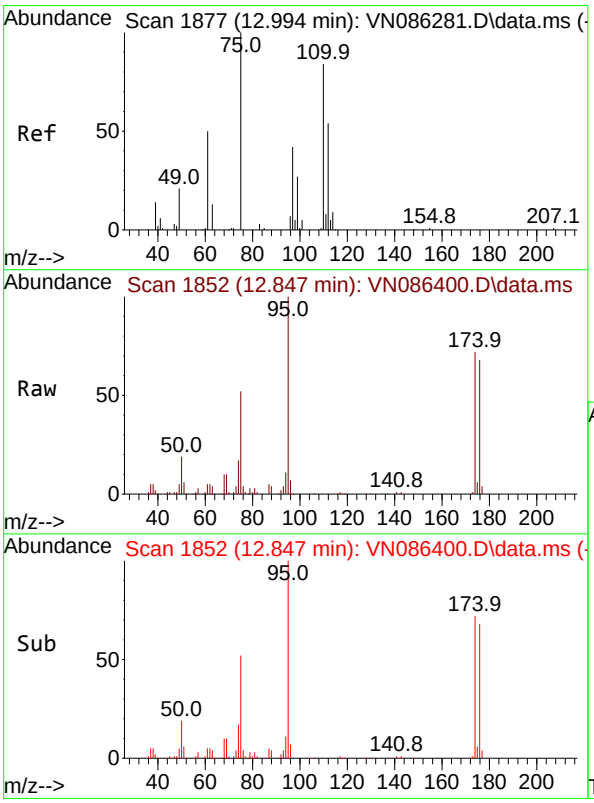
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:152 Resp: 127091

Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.9	95.9
150	156.8	0.0	352.0

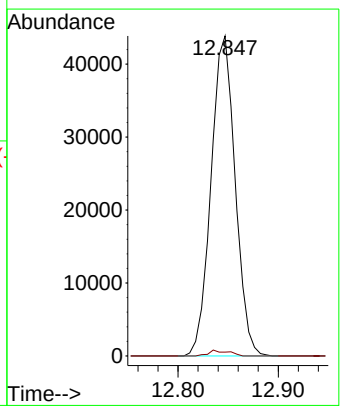


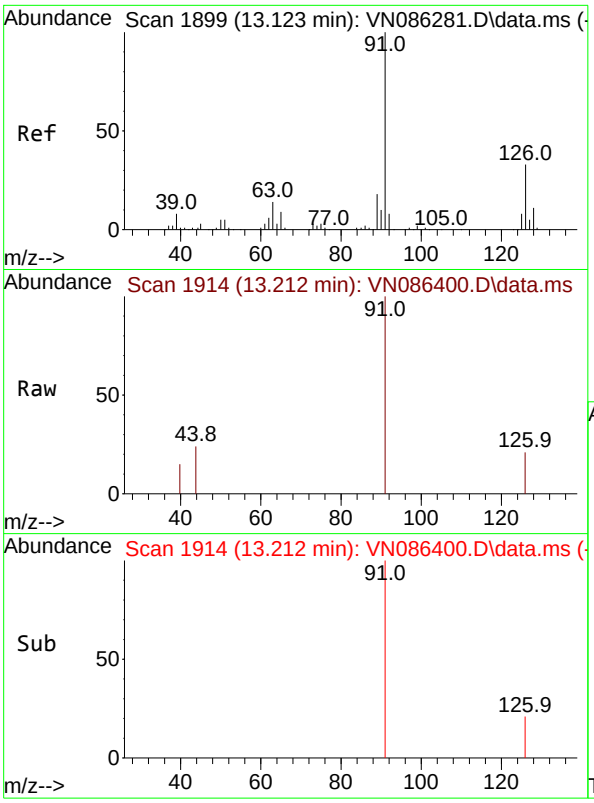


#76
1,2,3-Trichloropropane
Concen: 24.479 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 75 Resp: 73417

Ion	Ratio	Lower	Upper
75	100		
77	1.5	98.8	296.4#



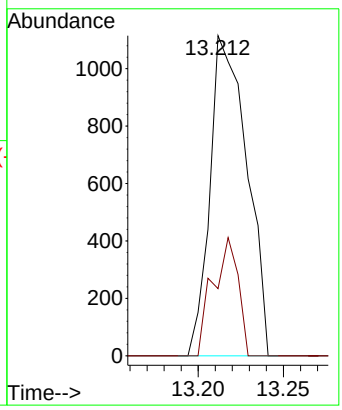


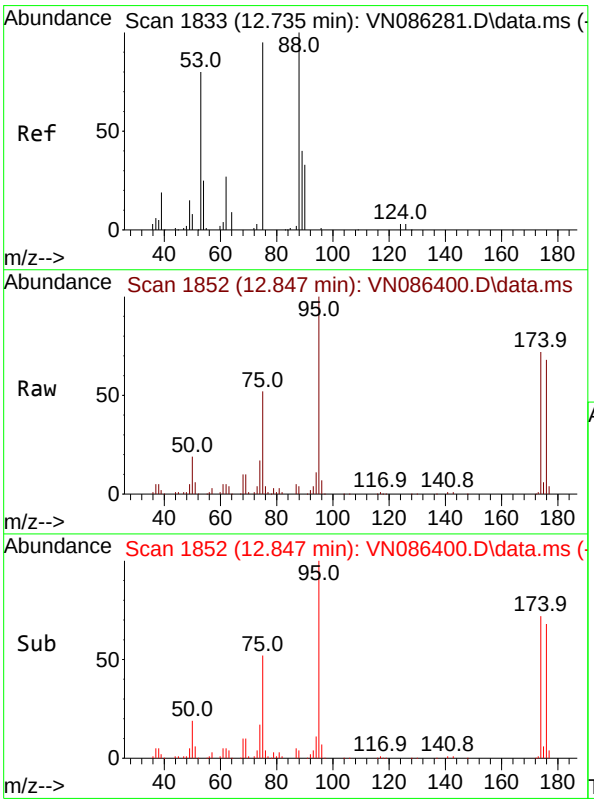
#79
2-Chlorotoluene
Concen: 0.219 ug/l
RT: 13.212 min Scan# 1
Delta R.T. 0.088 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 91 Resp: 1676

Ion	Ratio	Lower	Upper
91	100		
126	25.2	16.1	48.2

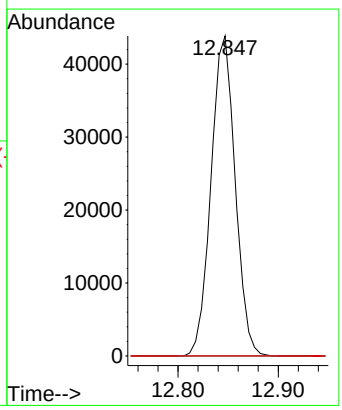


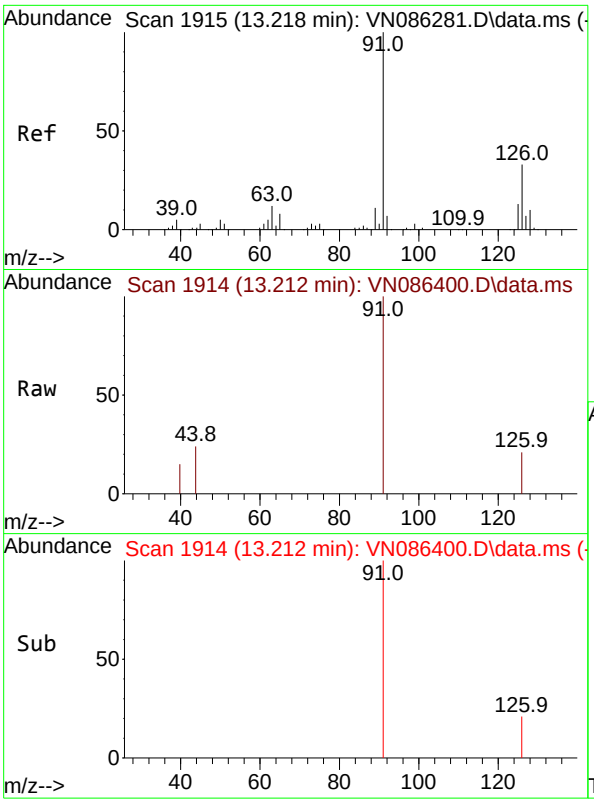


#81
trans-1,4-Dichloro-2-butene
Concen: 58.790 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 75 Resp: 73417

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



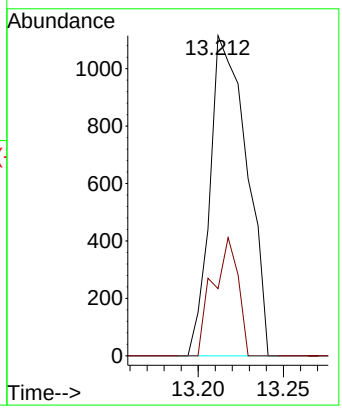


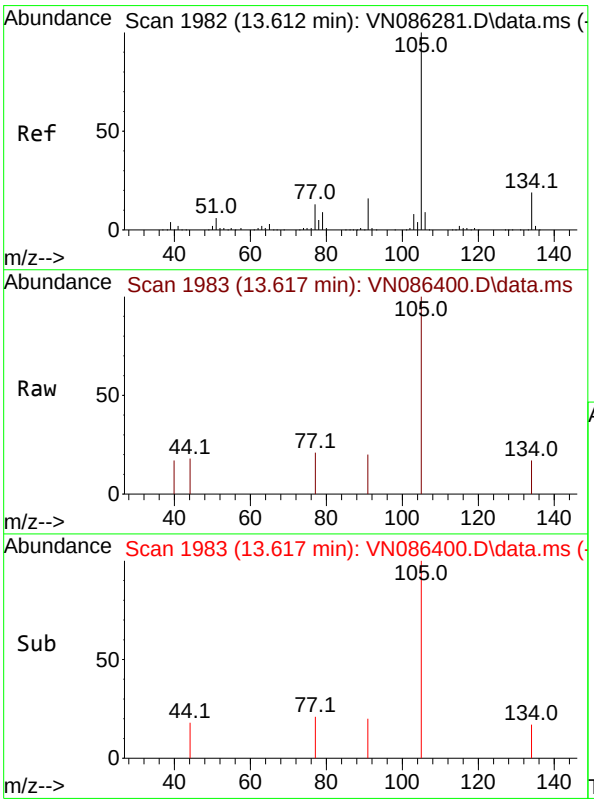
#82
4-Chlorotoluene
Concen: 0.220 ug/l
RT: 13.212 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion: 91 Resp: 1676

Ion	Ratio	Lower	Upper
91	100		
126	25.2	16.2	48.6

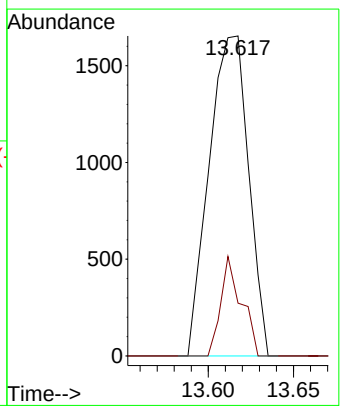


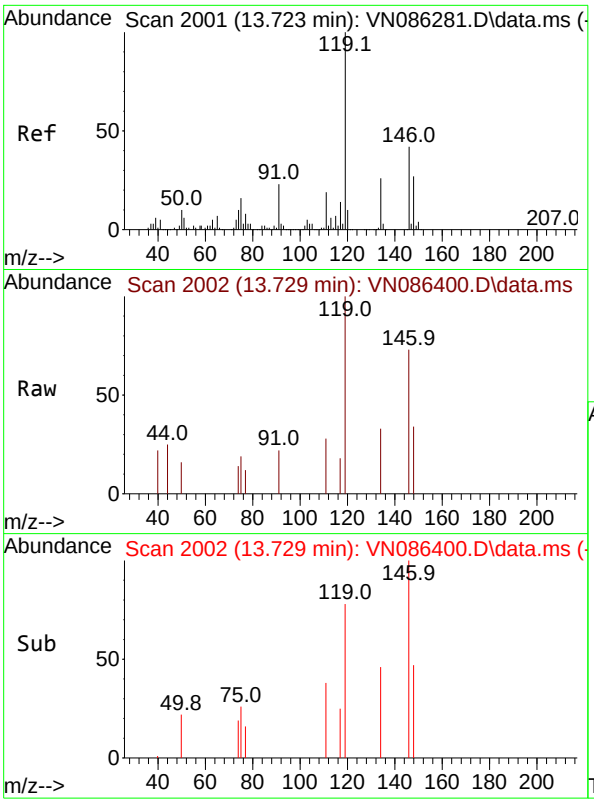


#85
sec-Butylbenzene
Concen: 0.260 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:105 Resp: 2661

Ion	Ratio	Lower	Upper
105	100		
134	16.2	9.7	29.1



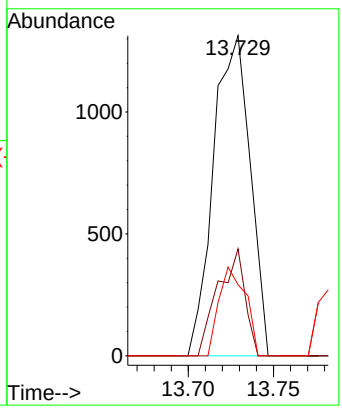


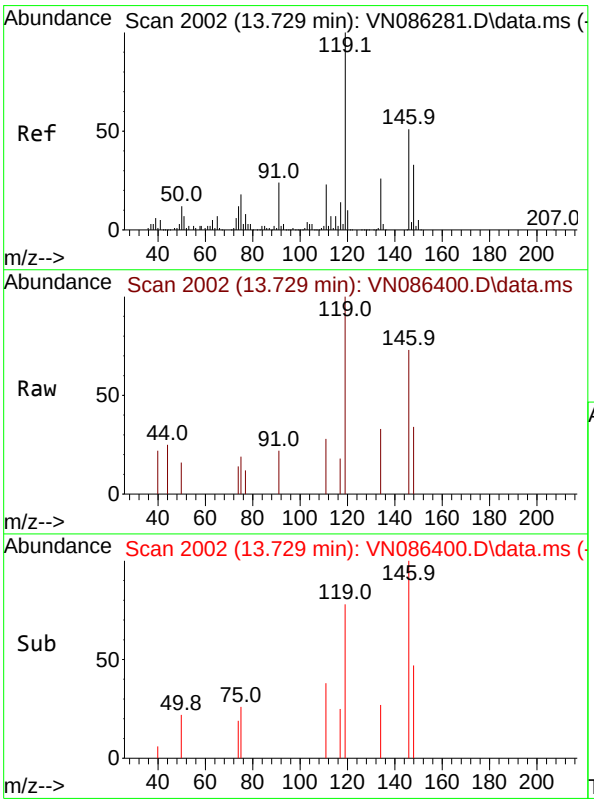
#86
p-Isopropyltoluene
Concen: 0.233 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:119 Resp: 1965

Ion	Ratio	Lower	Upper
119	100		
134	24.6	13.1	39.1
91	20.1	11.9	35.9

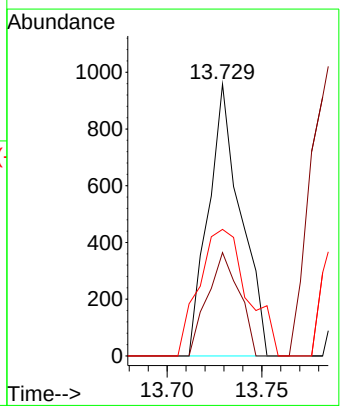


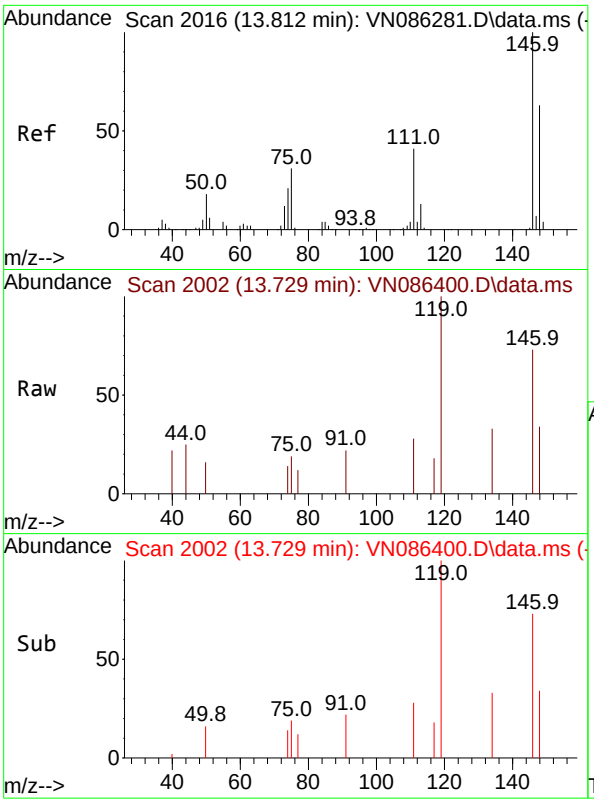


#87
1,3-Dichlorobenzene
Concen: 0.262 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:146 Resp: 1136

Ion	Ratio	Lower	Upper
146	100		
111	37.6	21.9	65.7
148	70.2	31.9	95.5



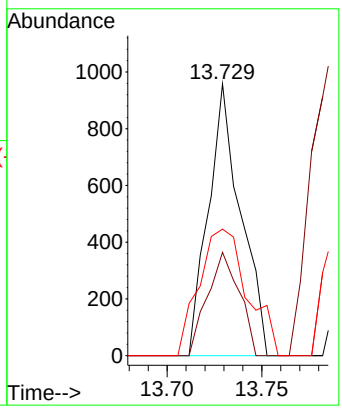


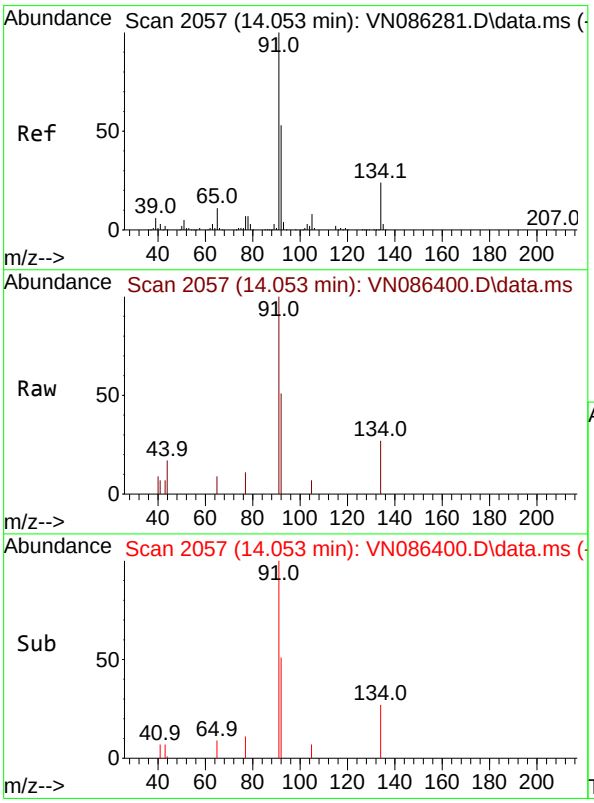
#88
1,4-Dichlorobenzene
Concen: 0.260 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.082 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:146 Resp: 1136

Ion	Ratio	Lower	Upper
146	100		
111	37.6	21.3	63.9
148	70.2	31.9	95.9

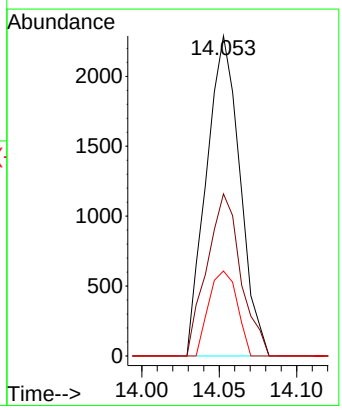


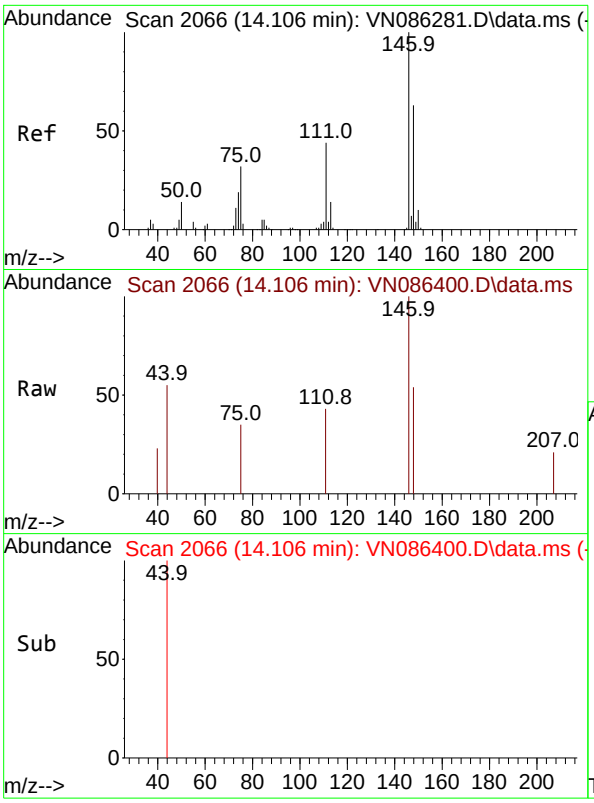


#89
n-Butylbenzene
Concen: 0.460 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion: 91 Resp: 3439

Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.8	80.4
134	22.4	12.2	36.6



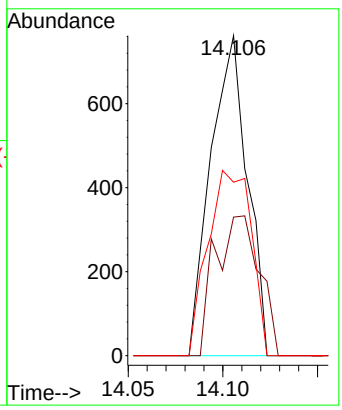


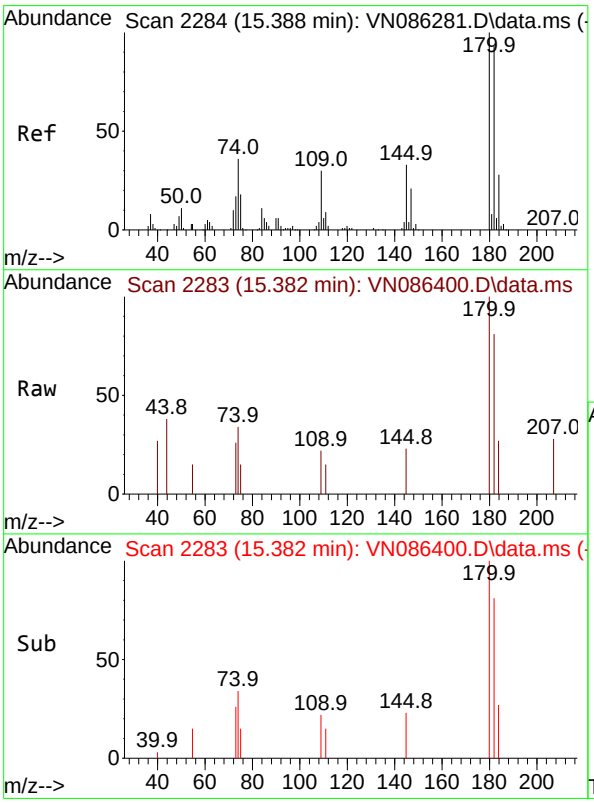
#91
1,2-Dichlorobenzene
Concen: 0.244 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:146 Resp: 1026

Ion	Ratio	Lower	Upper
146	100		
111	52.5	22.4	67.0
148	68.4	31.8	95.4

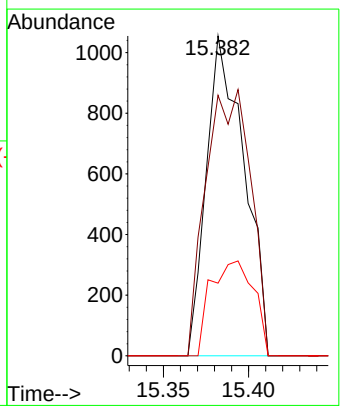


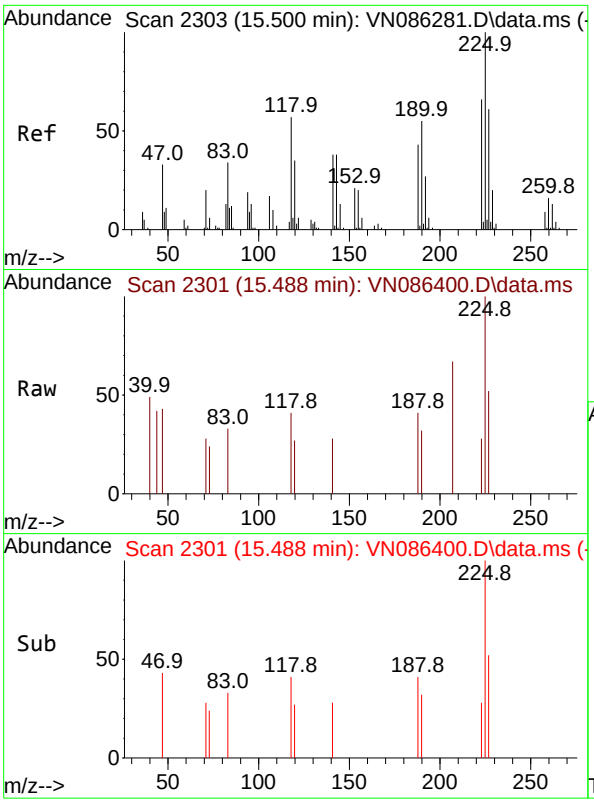


#93
1,2,4-Trichlorobenzene
Concen: 0.809 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:180 Resp: 1626

Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.0	141.0
145	33.7	16.4	49.1



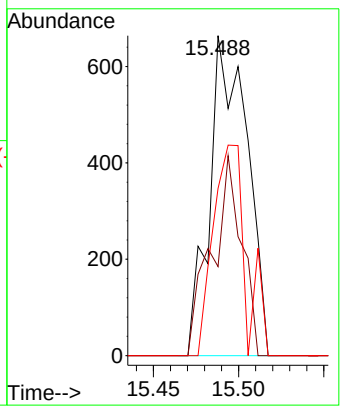


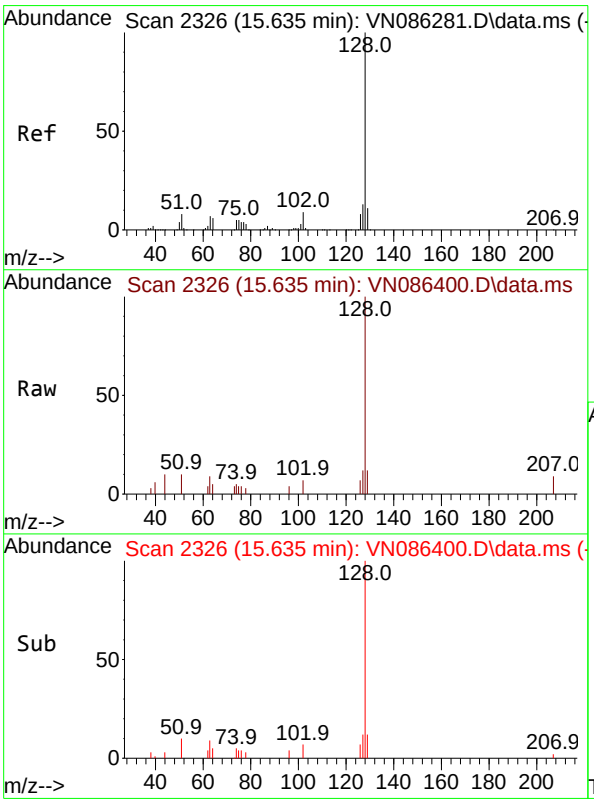
#94
Hexachlorobutadiene
Concen: 1.341 ug/l
RT: 15.488 min Scan# 2
Delta R.T. -0.012 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:225 Resp: 1018

Ion	Ratio	Lower	Upper
225	100		
223	49.9	32.8	98.3
227	56.5	31.4	94.0

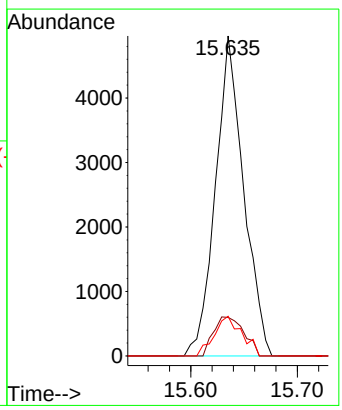


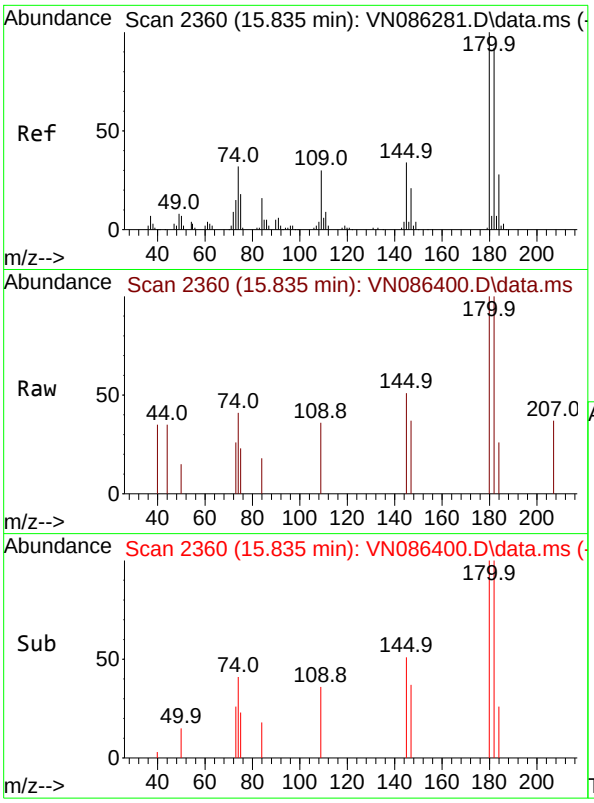


#95
Naphthalene
Concen: 1.277 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Tgt Ion:128 Resp: 9103

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	12.2	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.977 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086400.D
Acq: 28 Apr 2025 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0428MBL01

Tgt Ion:180 Resp: 1859

Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.3	142.0
145	35.0	17.2	51.5