Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
Data File : VN085587.D
Acq On : 30 Jan 2025 18:18
Operator : JC\MD
Sample : Q1218-01 20X
Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Quant Time: Jan 31 02:39:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	163464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147623	55.946	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.900%			
35) Dibromofluoromethane	8.165	113	113833	52.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	10.565	98	377868	49.158	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.847	95	129085	49.091	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.180%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	657	0.274	ug/l	99
5) Bromomethane	2.959	94	742	0.510	ug/l	84
16) Acetone	4.412	43	249	0.292	ug/l #	45
17) Carbon Disulfide	4.718	76	1479	0.274	ug/l #	76
18) Methyl Acetate	5.036	43	887	0.342	ug/l #	52
31) Cyclohexane	8.224	56	5231	1.562	ug/l #	8
36) 1,1-Dichloropropene	8.218	75	15632	5.148	ug/l #	46
38) Carbon Tetrachloride	8.224	117	18525	5.329	ug/l #	19
43) Isopropyl Acetate	8.700	43	6353	1.294	ug/l #	55
52) Toluene	10.629	92	51654	9.771	ug/l	99
59) 2-Hexanone	11.194	43	902	0.450	ug/l #	51
68) m/p-Xylenes	12.065	106	1516	0.415	ug/l	98
69) o-Xylene	12.388	106	856	0.245	ug/l	86
74) N-amyl acetate	12.482	43	1799	0.449	ug/l #	61
76) 1,2,3-Trichloropropane	12.847	75	74658	27.820	ug/l #	1
78) n-propylbenzene	13.041	91	5321	0.504	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	6064	0.824	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	74658	75.270	ug/l #	3
83) tert-Butylbenzene	13.670	119	2601	0.421	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	19286	2.629	ug/l	99
85) sec-Butylbenzene	13.612	105	4189	0.489	ug/l	95
86) p-Isopropyltoluene	13.723	119	2829	0.441	ug/l #	83
87) 1,3-Dichlorobenzene	13.735	146	975	0.227	ug/l #	29
88) 1,4-Dichlorobenzene	13.806	146	1522	0.342	ug/l #	1
89) n-Butylbenzene	14.047	91	6818	1.109	ug/l #	84
90) Hexachloroethane	14.335	117	1312	0.804	ug/l #	16
91) 1,2-Dichlorobenzene	14.100	146	888	0.208	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.388	180	1499	0.754	ug/l #	12
94) Hexachlorobutadiene	15.494	225	1021	0.968	ug/l	96
95) Naphthalene	15.641	128	10147	1.711	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	2657	1.321	ug/l #	78

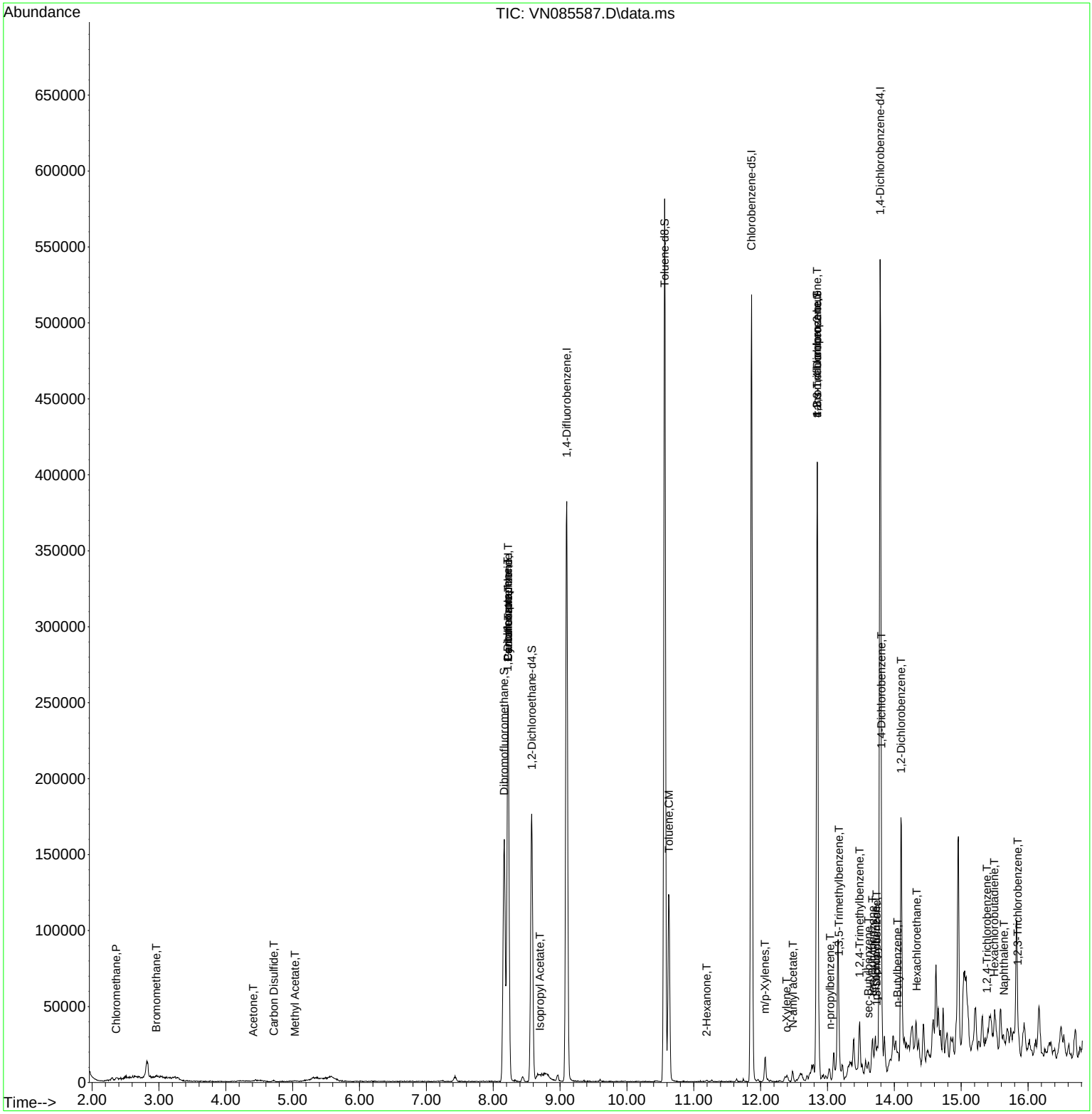
(#) = qualifier out of range (m) = manual integration (+) = signals summed

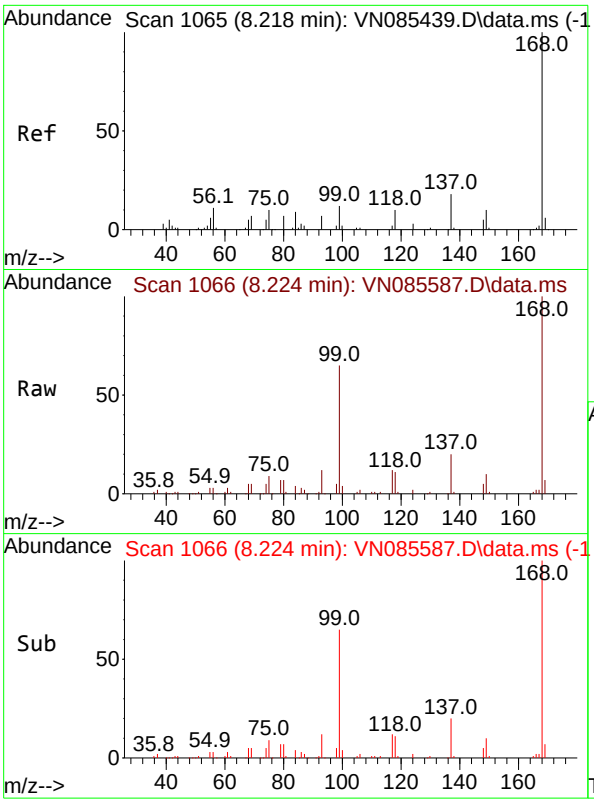
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
Data File : VN085587.D
Acq On : 30 Jan 2025 18:18
Operator : JC\MD
Sample : Q1218-01 20X
Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Quant Time: Jan 31 02:39:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



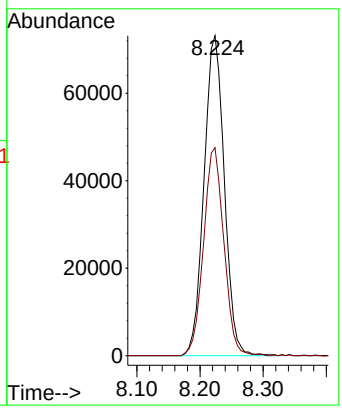


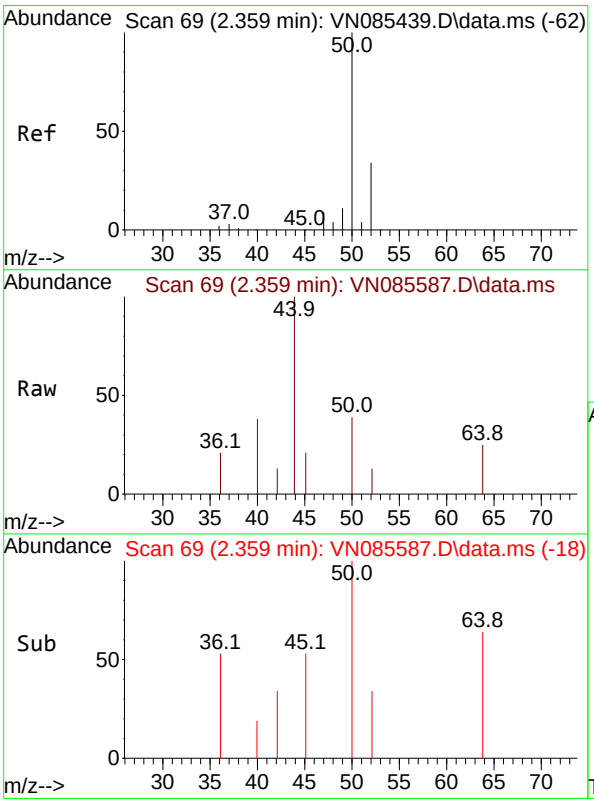
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:168 Resp: 163464

Ion	Ratio	Lower	Upper
168	100		
99	65.0	53.6	80.4

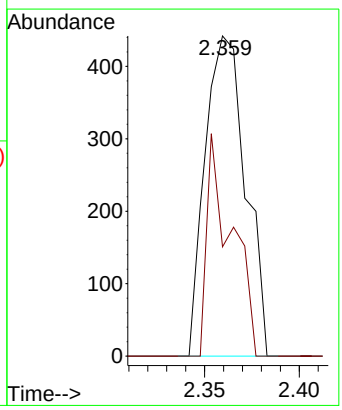


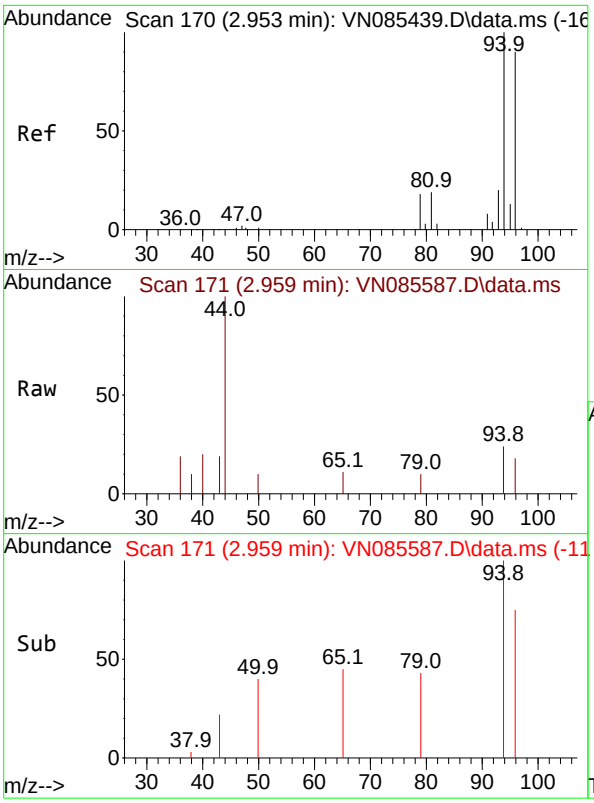


#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 50 Resp: 657

Ion	Ratio	Lower	Upper
50	100		
52	34.2	27.0	40.6



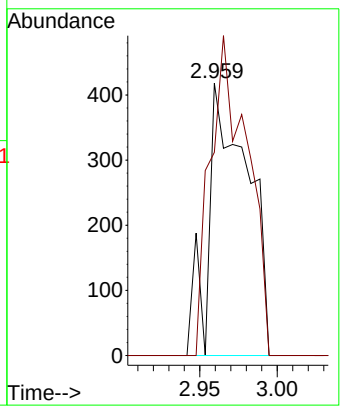


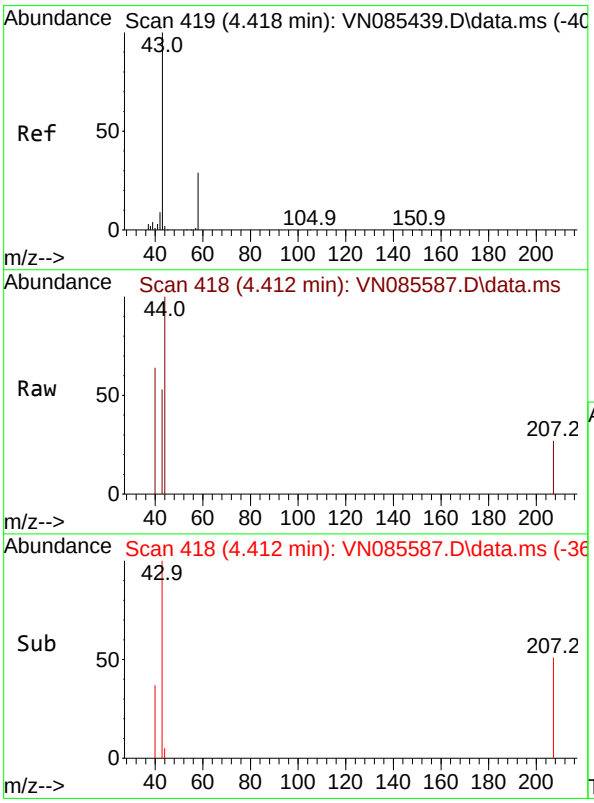
#5
Bromomethane
Concen: 0.510 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 94 Resp: 742

Ion	Ratio	Lower	Upper
94	100		
96	74.6	71.8	107.6

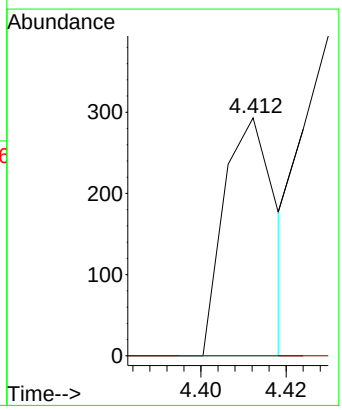


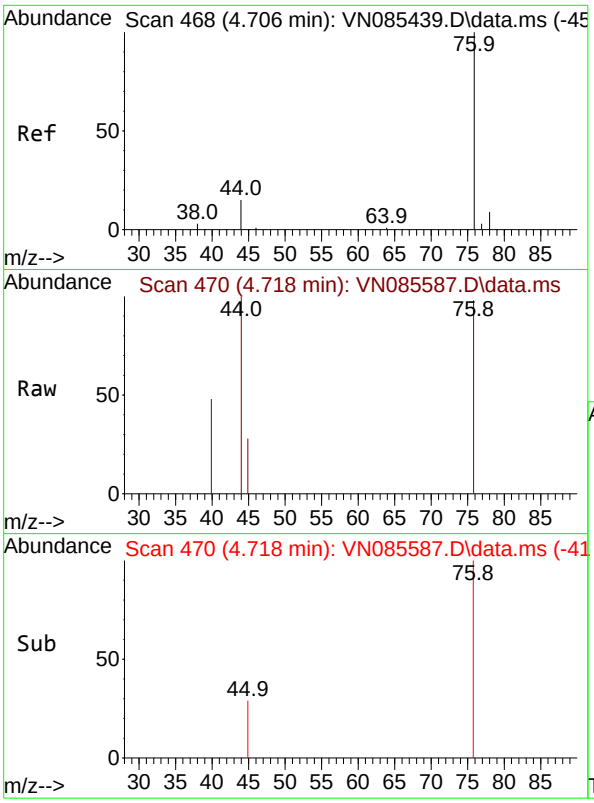


#16
Acetone
Concen: 0.292 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 43 Resp: 249

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#



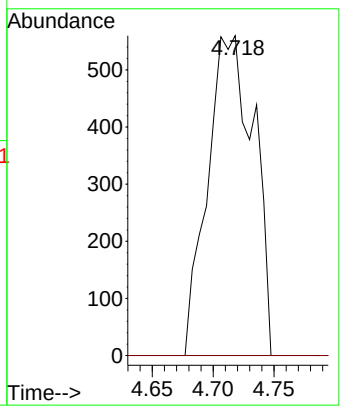


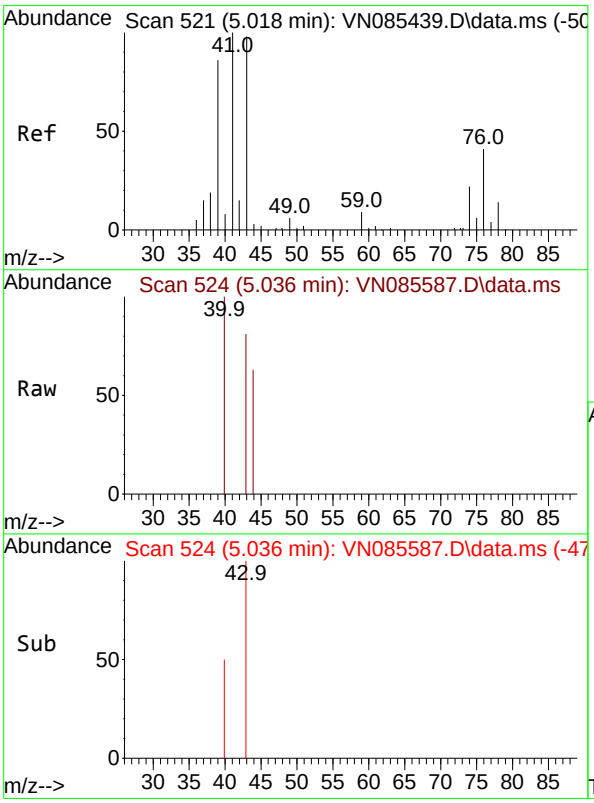
#17
Carbon Disulfide
Concen: 0.274 ug/l
RT: 4.718 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 76 Resp: 1479

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.9	10.3#

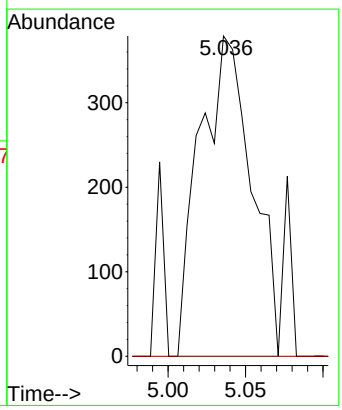


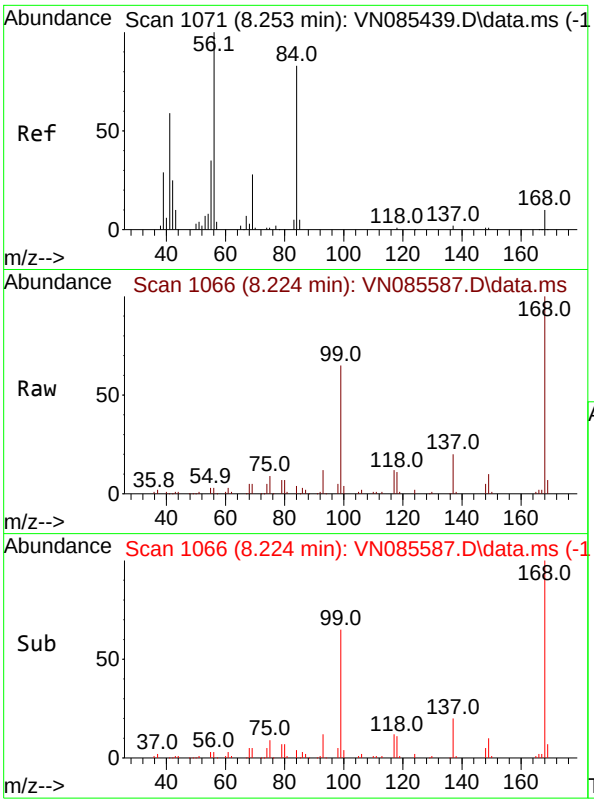


#18
Methyl Acetate
Concen: 0.342 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 43 Resp: 887

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#



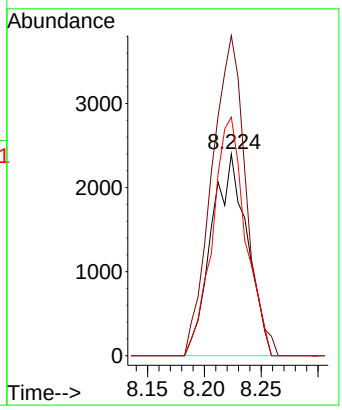


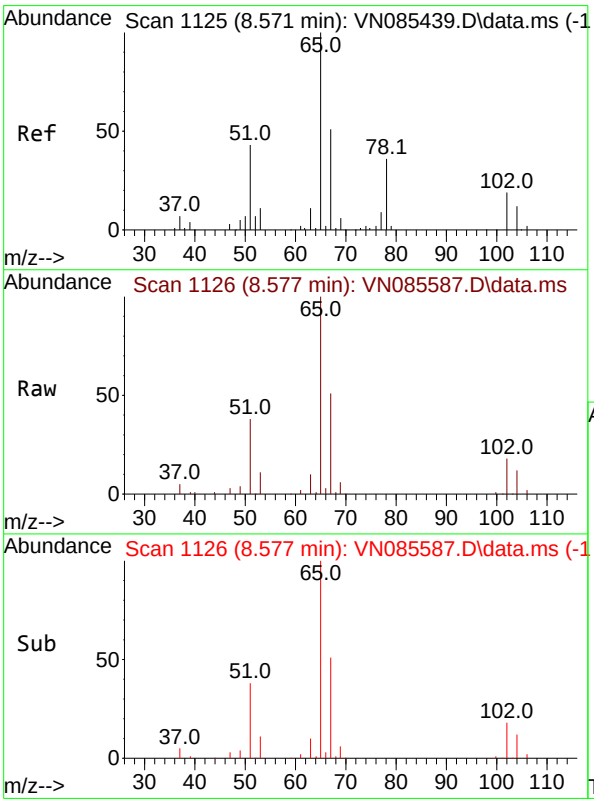
#31
Cyclohexane
Concen: 1.562 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 56 Resp: 5231

Ion	Ratio	Lower	Upper
56	100		
69	158.7	22.2	33.4#
84	118.3	66.4	99.6#

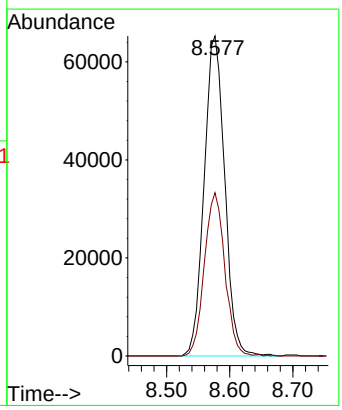


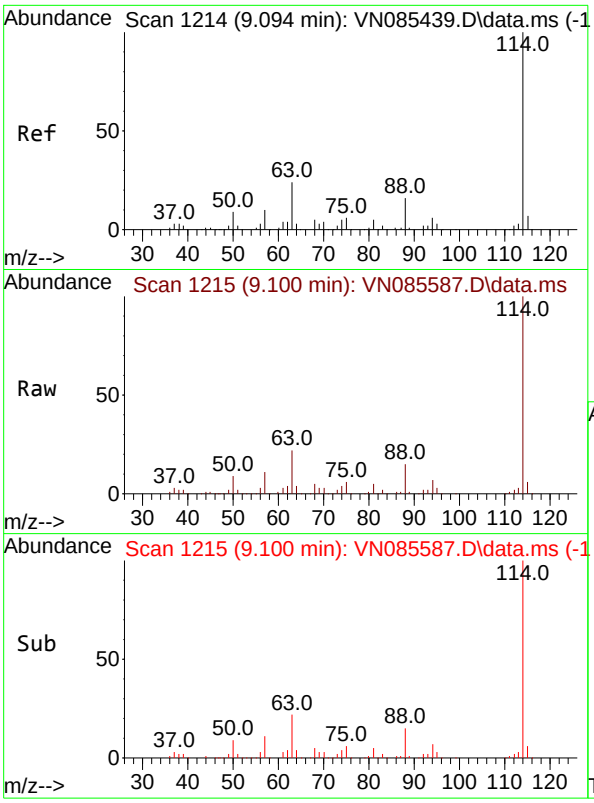


#33
1,2-Dichloroethane-d4
Concen: 55.946 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 65 Resp: 147623

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.6



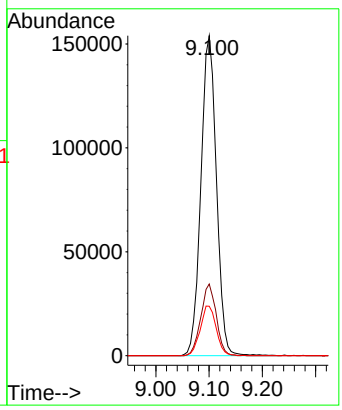


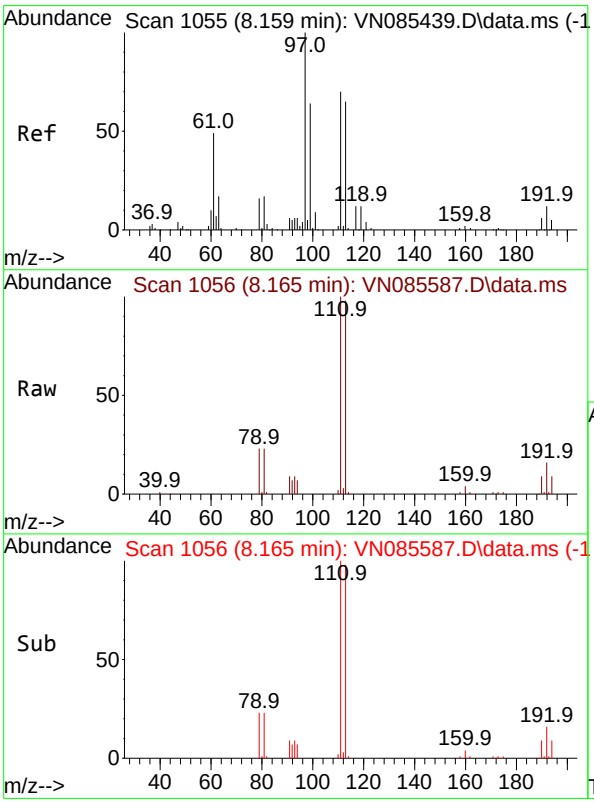
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:114 Resp: 311854

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	15.5	0.0	32.6

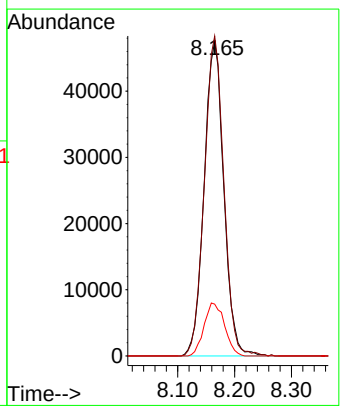


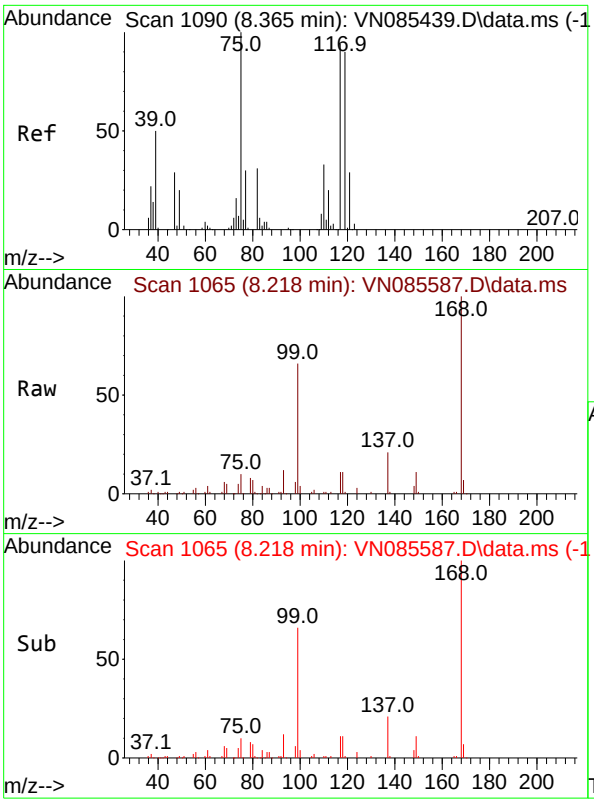


#35
Dibromofluoromethane
Concen: 52.615 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:113 Resp: 113833

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.7	124.1
192	17.6	14.3	21.5



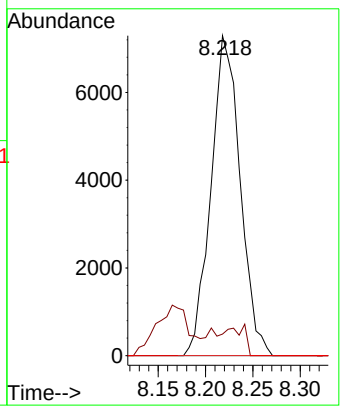


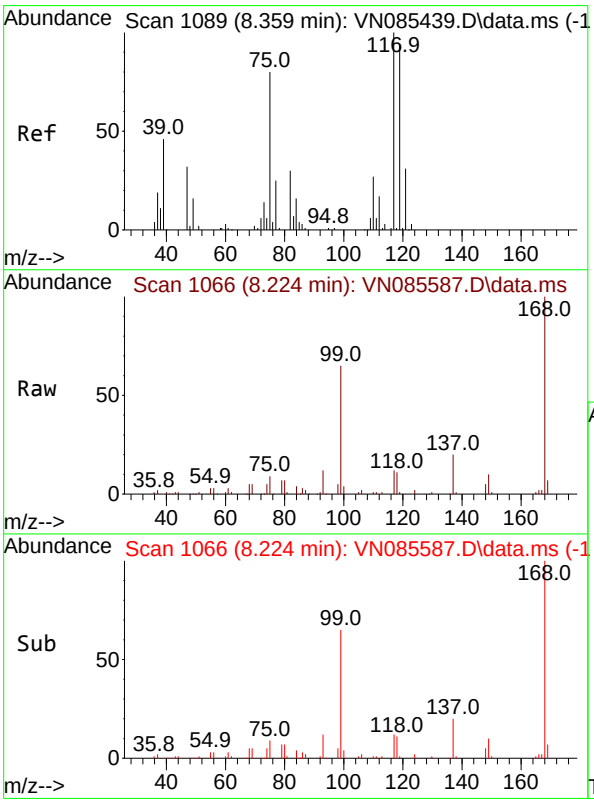
#36
1,1-Dichloropropene
Concen: 5.148 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 75 Resp: 15632

Ion	Ratio	Lower	Upper
75	100		
110	3.4	16.5	49.5#
77	0.0	24.4	36.6#

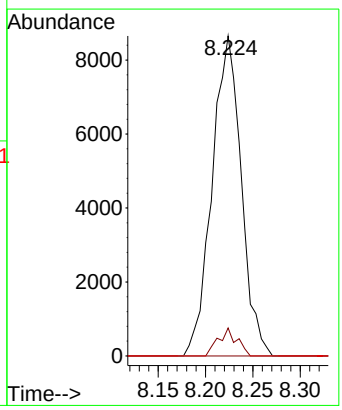


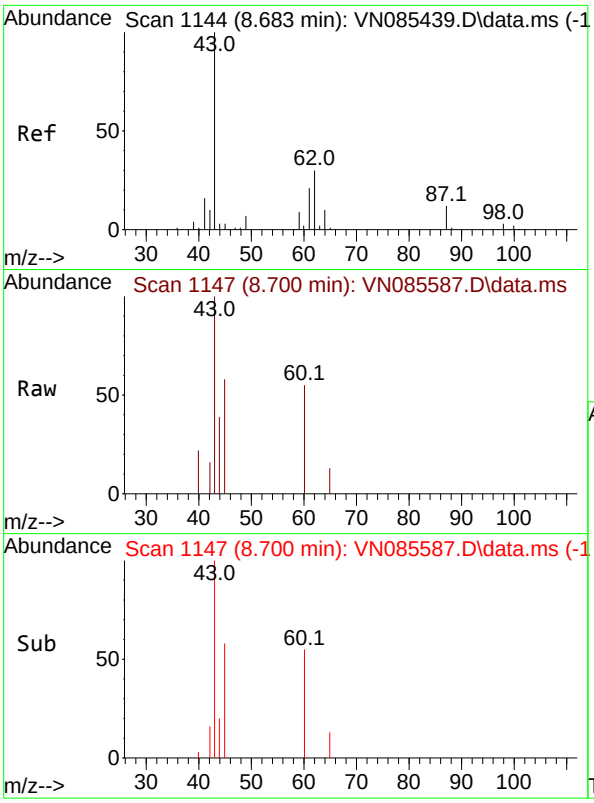


#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:117 Resp: 18525

Ion	Ratio	Lower	Upper
117	100		
119	8.7	75.4	113.2#
121	0.0	24.6	37.0#



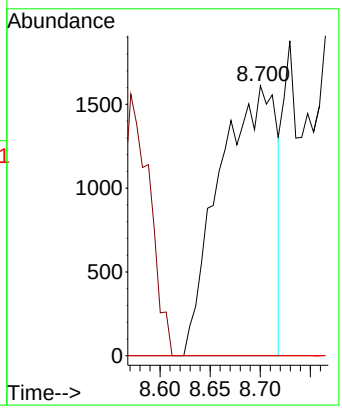


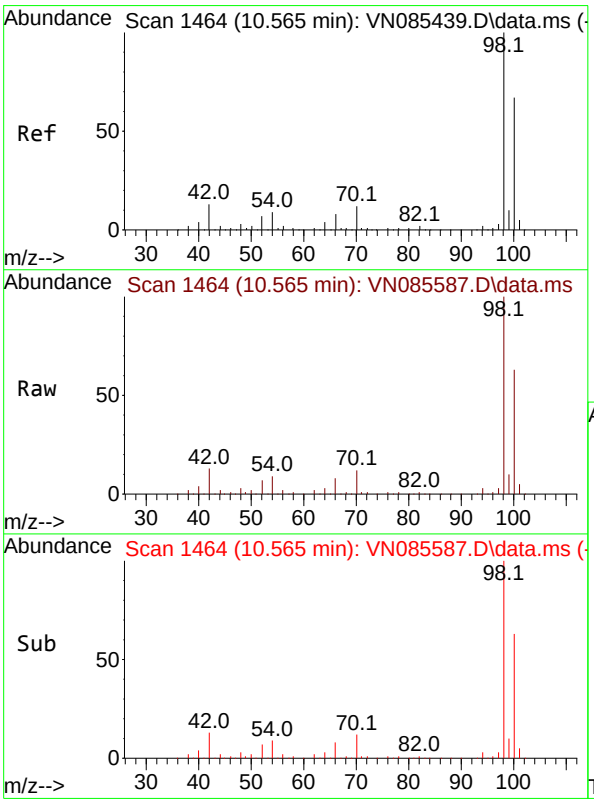
#43
Isopropyl Acetate
Concen: 1.294 ug/l
RT: 8.700 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 43 Resp: 6353

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.7	31.1#
87	0.0	9.8	14.8#

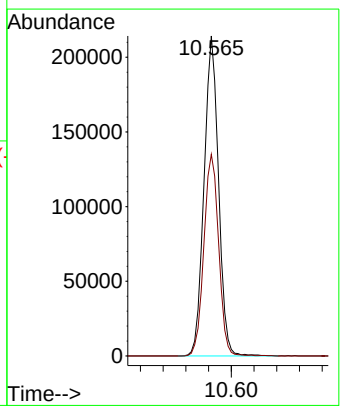


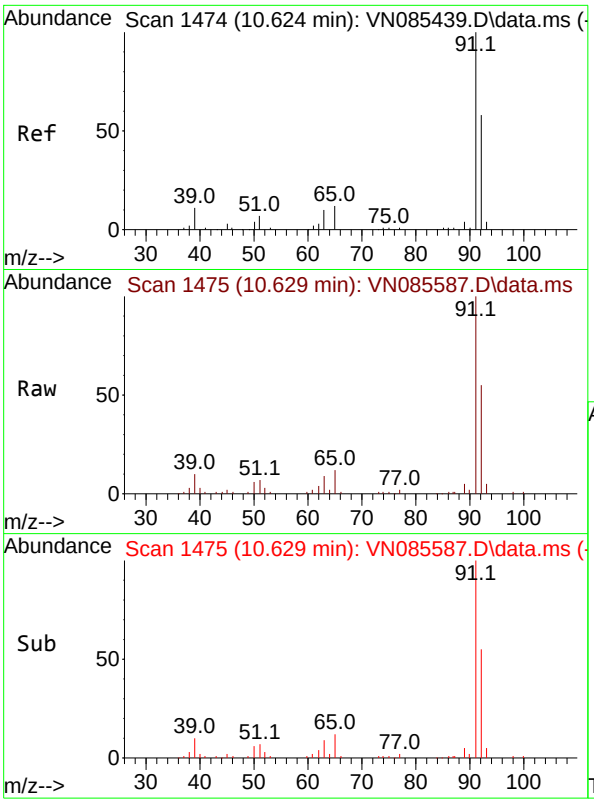


#50
Toluene-d8
Concen: 49.158 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 98 Resp: 377868

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4



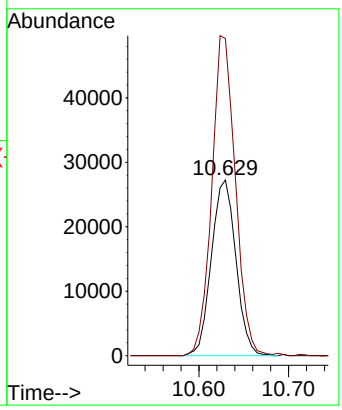


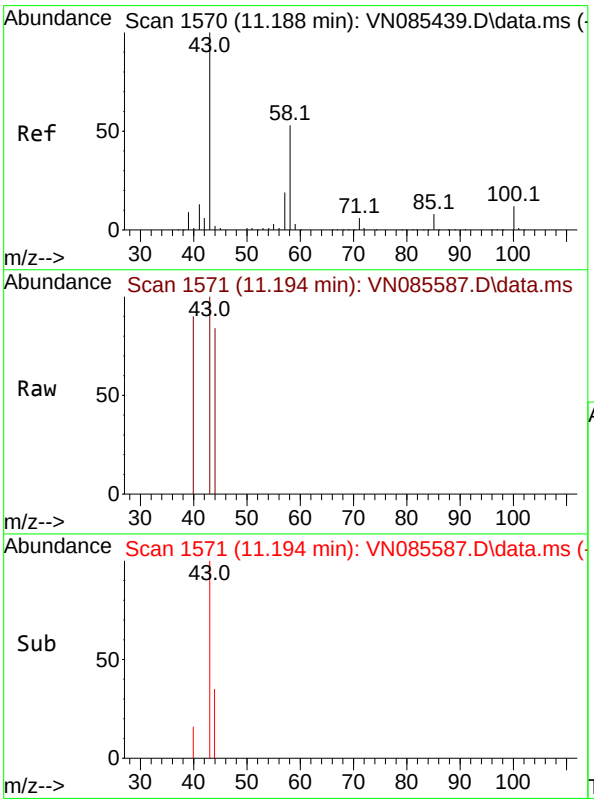
#52
Toluene
Concen: 9.771 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 92 Resp: 51654

Ion	Ratio	Lower	Upper
92	100		
91	175.8	139.2	208.8

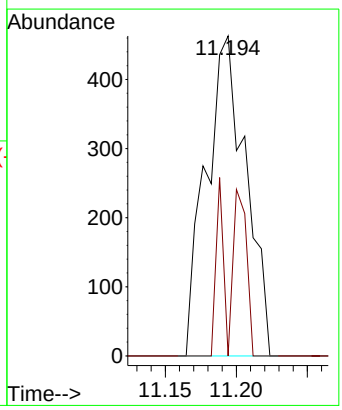


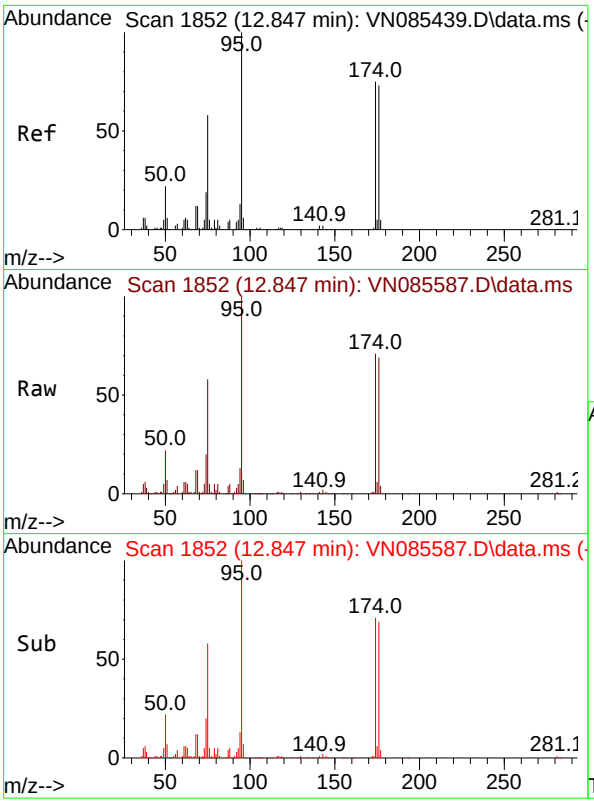


#59
2-Hexanone
Concen: 0.450 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 43 Resp: 902

Ion	Ratio	Lower	Upper
43	100		
58	17.5	26.2	78.6#



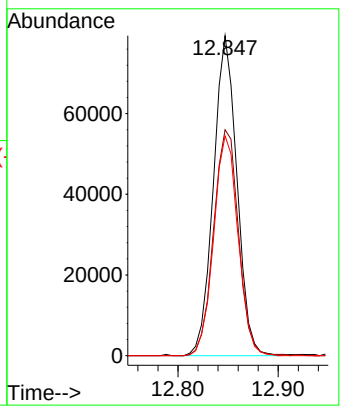


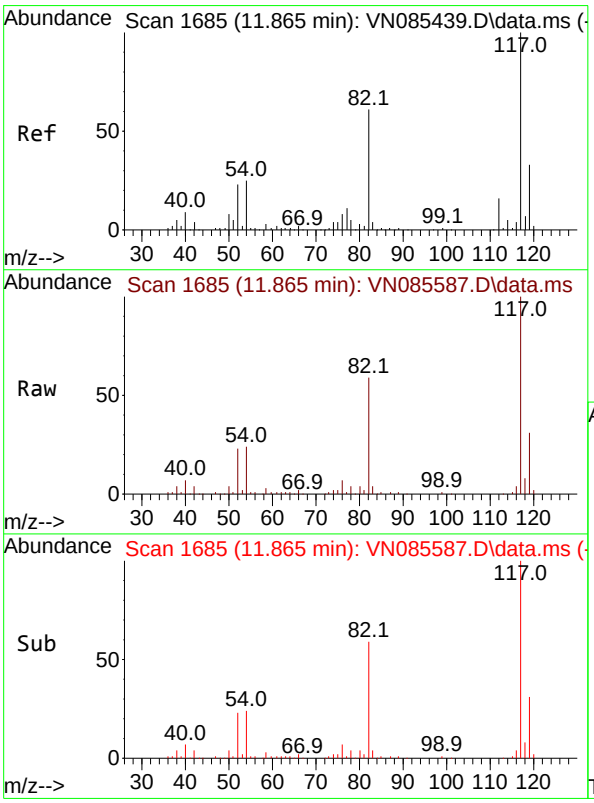
#62
4-Bromofluorobenzene
Concen: 49.091 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 95 Resp: 129085

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	145.0
176	71.4	0.0	142.4

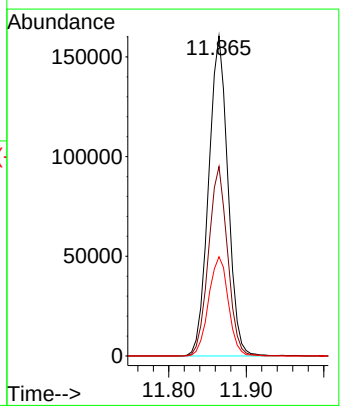


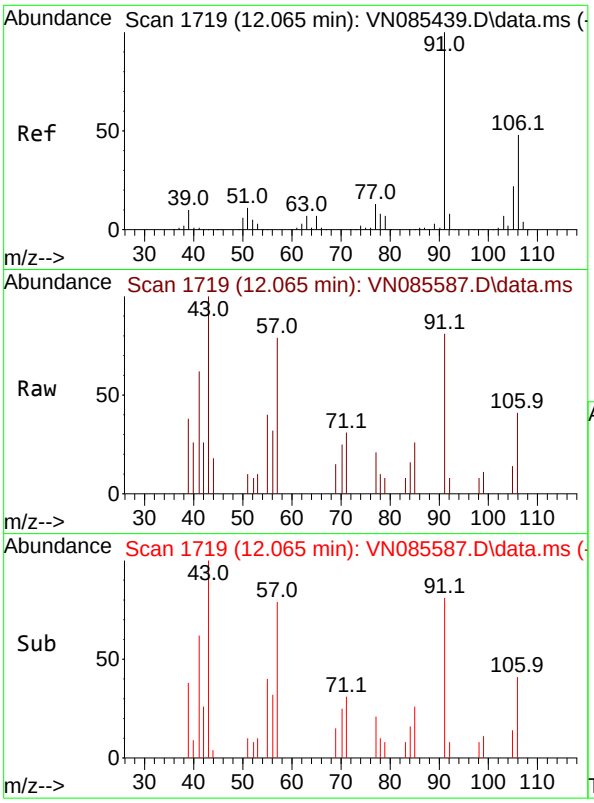


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:117 Resp: 276923

Ion	Ratio	Lower	Upper
117	100		
82	59.2	48.6	72.8
119	31.0	26.6	39.8



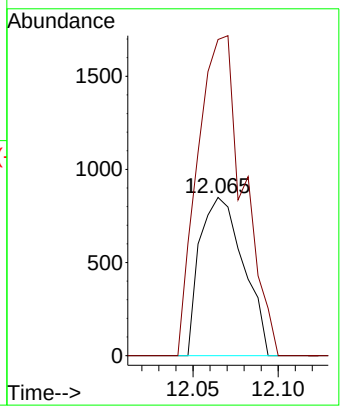


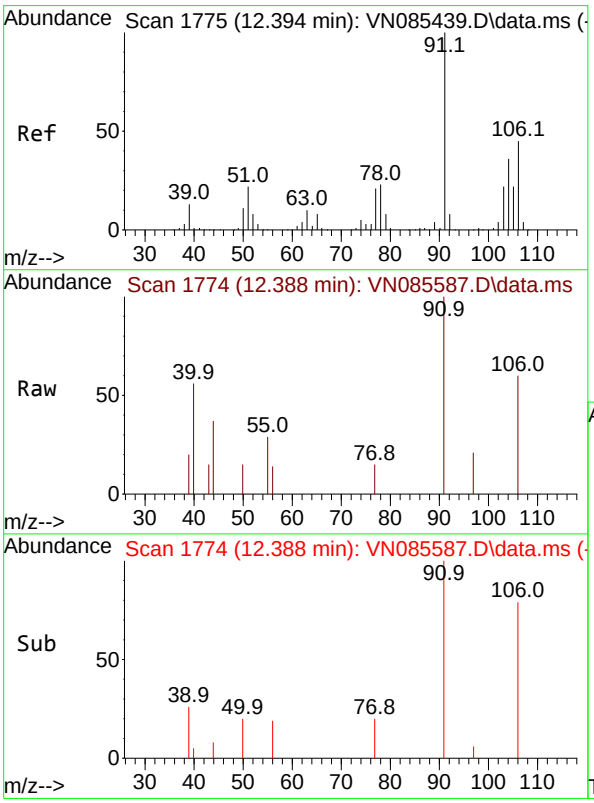
#68
m/p-Xylenes
Concen: 0.415 ug/l
RT: 12.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:106 Resp: 1516

Ion	Ratio	Lower	Upper
106	100		
91	212.1	167.7	251.5

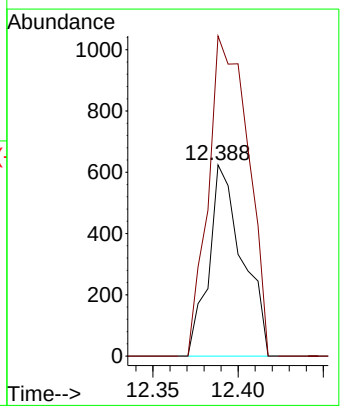


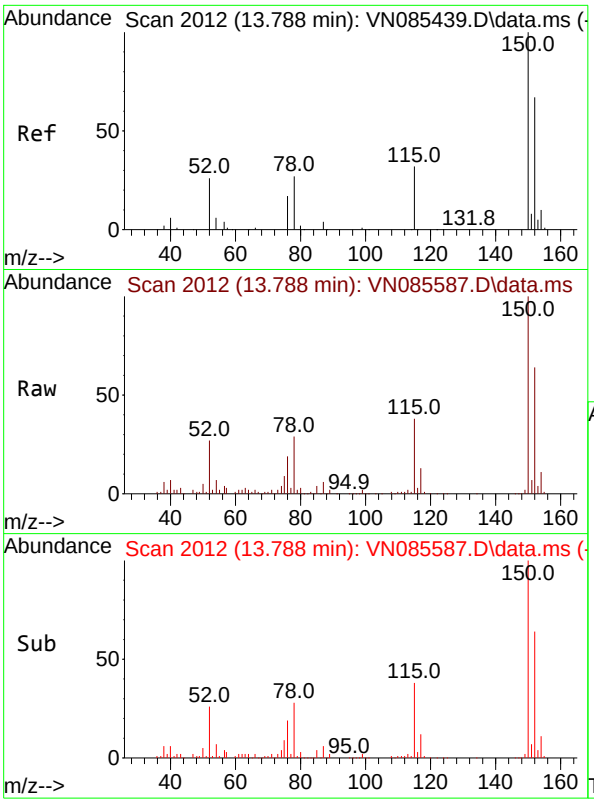


#69
o-Xylene
Concen: 0.245 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:106 Resp: 856

Ion	Ratio	Lower	Upper
106	100		
91	198.7	110.4	331.2



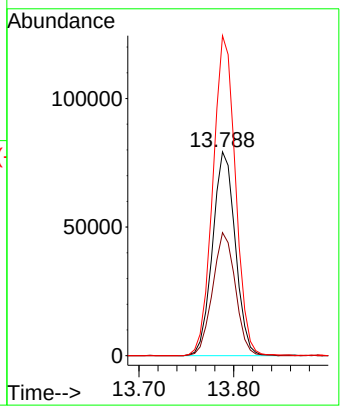


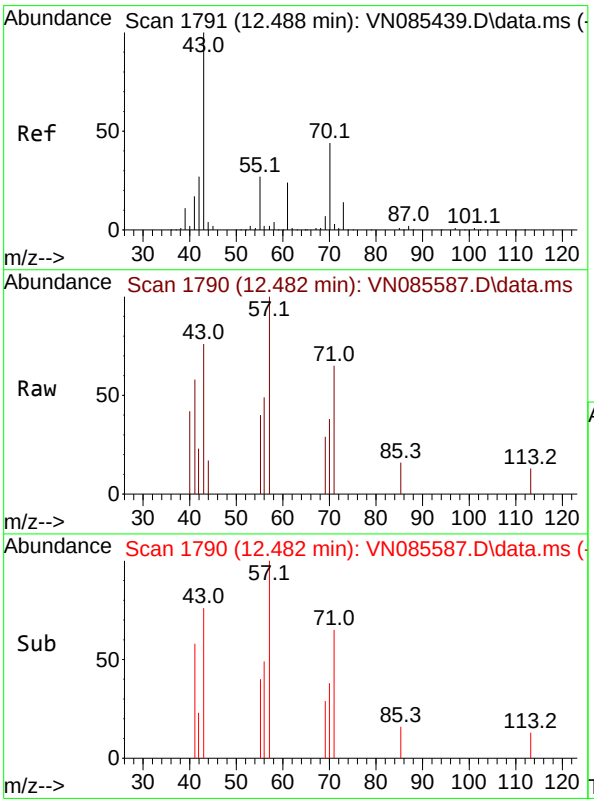
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:152 Resp: 132031

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.1	93.3
150	156.1	0.0	343.6

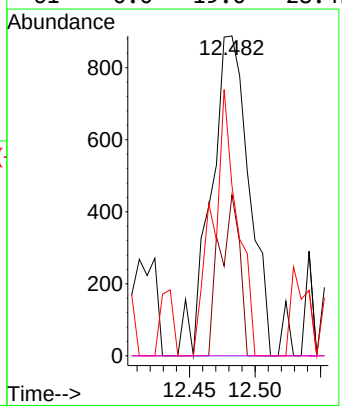


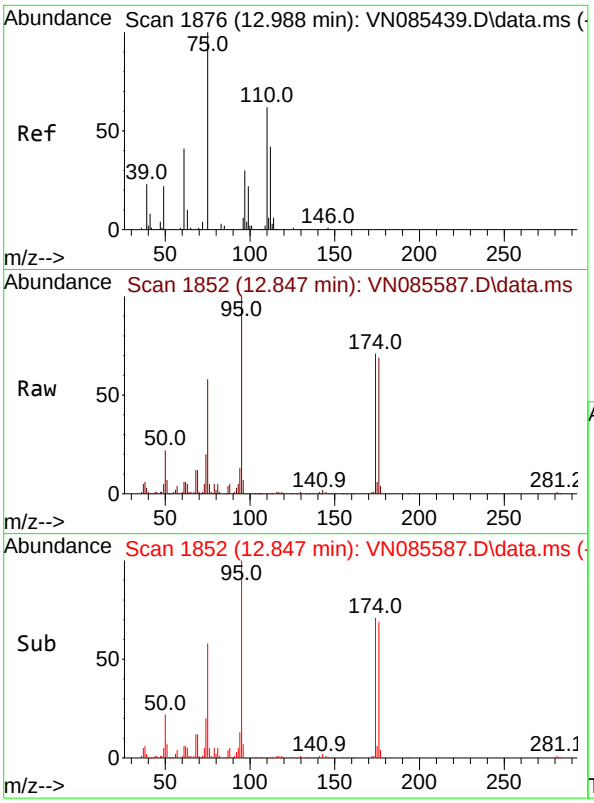


#74
N-amyl acetate
Concen: 0.449 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 43 Resp: 1799

Ion	Ratio	Lower	Upper
43	100		
70	26.3	34.0	51.0#
55	53.9	21.4	32.2#
61	0.0	19.0	28.4#



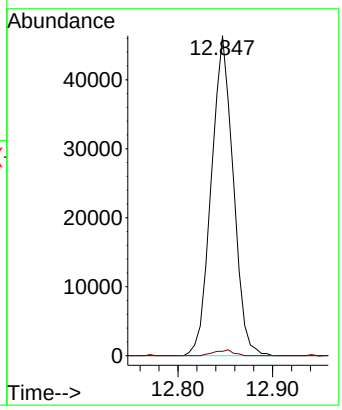


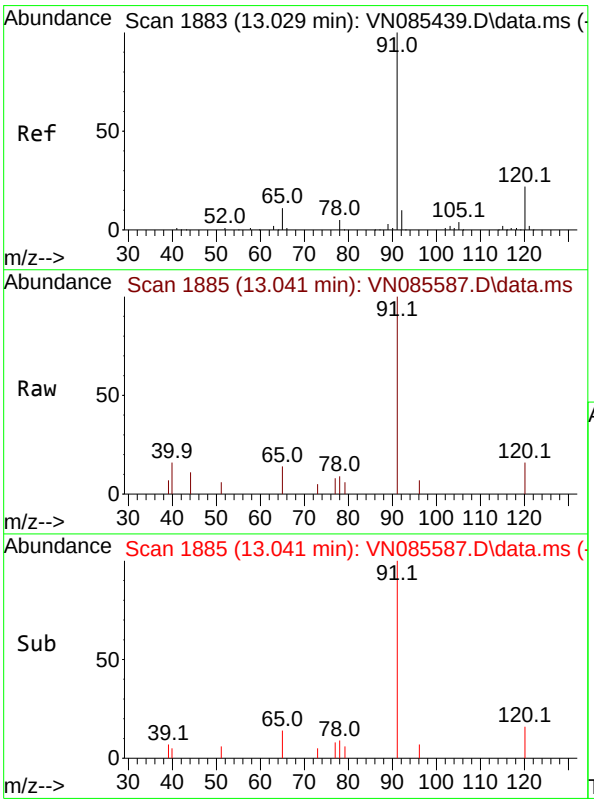
#76
1,2,3-Trichloropropane
Concen: 27.820 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 75 Resp: 74658

Ion	Ratio	Lower	Upper
75	100		
77	1.6	109.7	329.2#

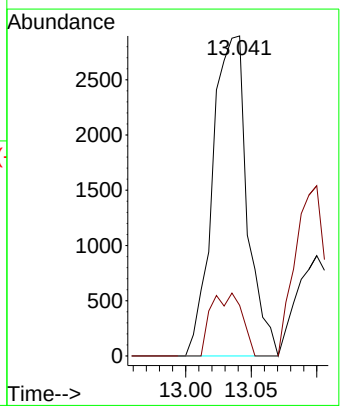


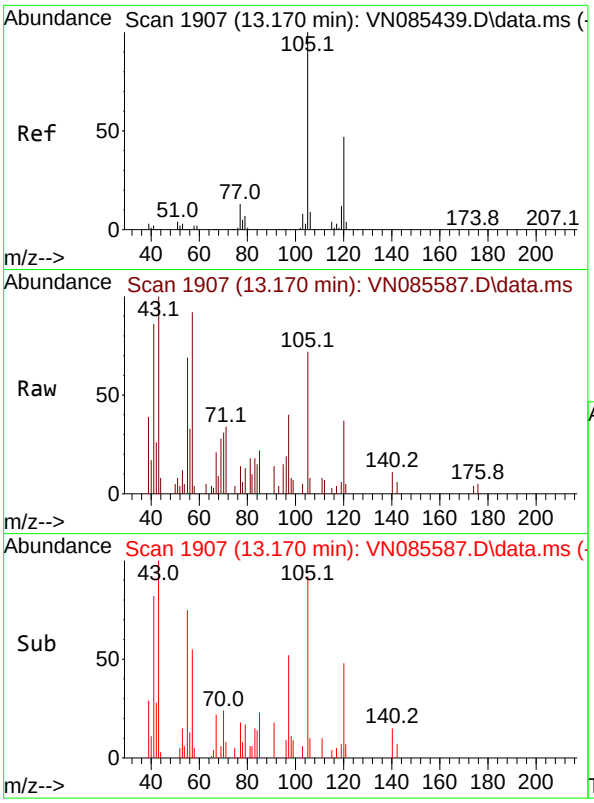


#78
n-propylbenzene
Concen: 0.504 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.012 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 91 Resp: 5321

Ion	Ratio	Lower	Upper
91	100		
120	17.7	10.9	32.6



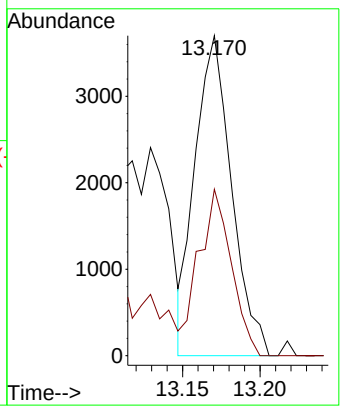


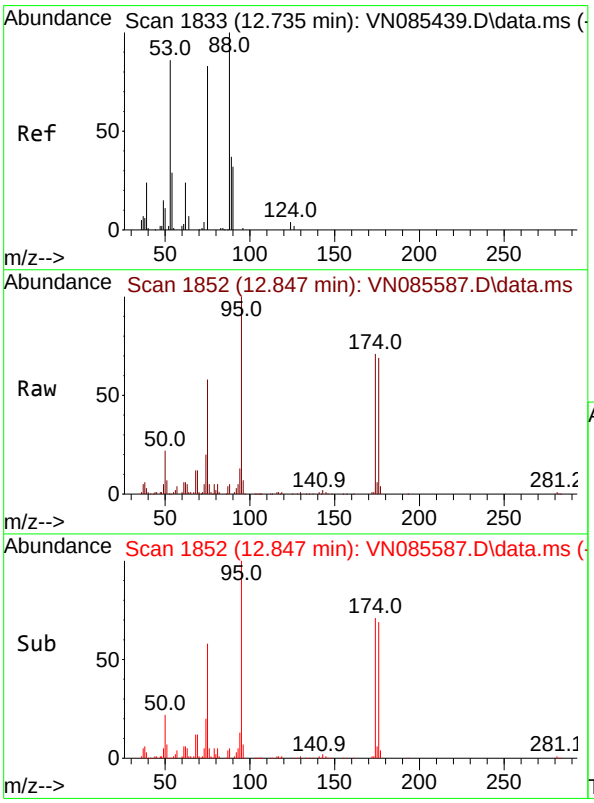
#80
1,3,5-Trimethylbenzene
Concen: 0.824 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:105 Resp: 6064

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.9	71.7

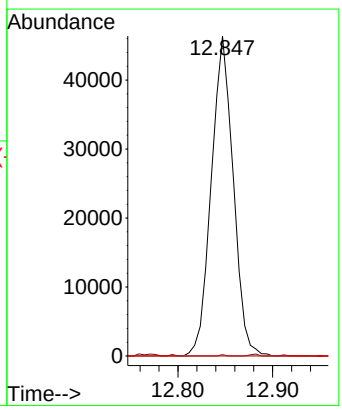


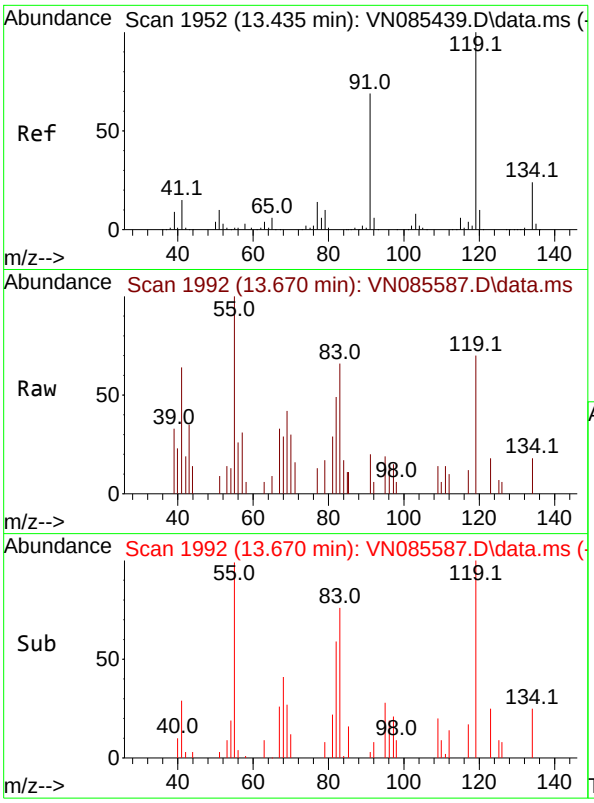


#81
trans-1,4-Dichloro-2-butene
Concen: 75.270 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion: 75 Resp: 74658

Ion	Ratio	Lower	Upper
75	100		
53	0.1	95.6	143.4#
89	0.0	37.0	55.6#



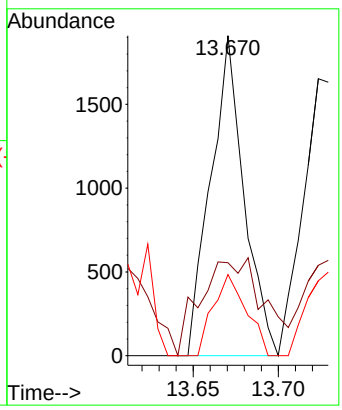


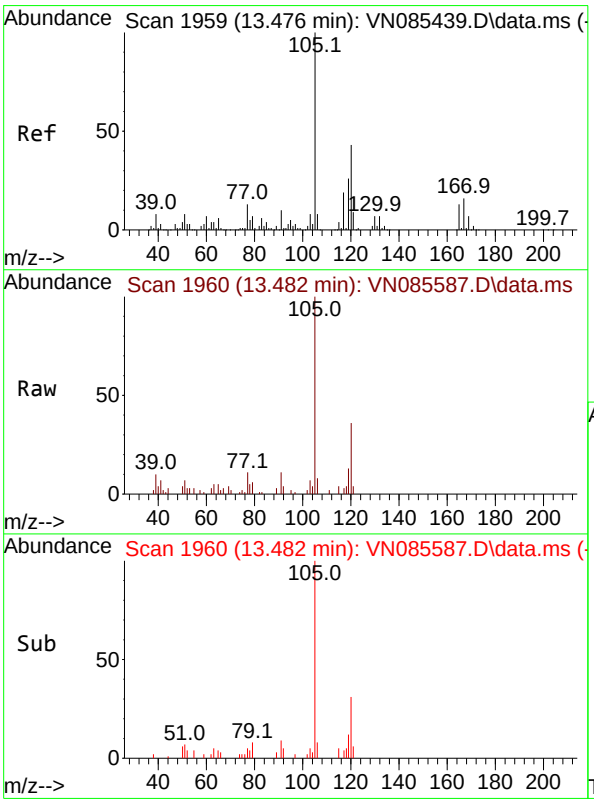
#83
tert-Butylbenzene
Concen: 0.421 ug/l
RT: 13.670 min Scan# 1
Delta R.T. 0.235 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:119 Resp: 2601

Ion	Ratio	Lower	Upper
119	100		
91	57.4	35.1	105.3
134	25.3	12.0	36.1

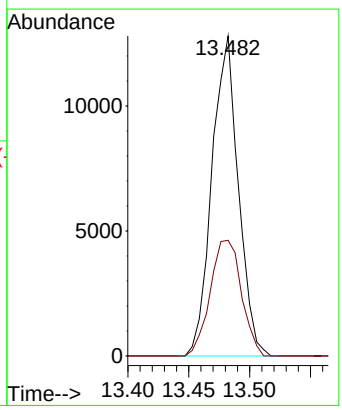


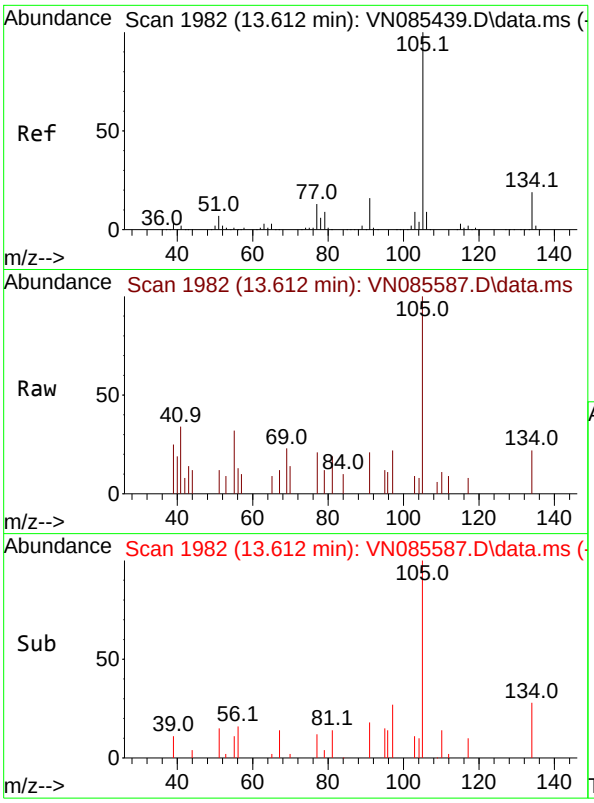


#84
1,2,4-Trimethylbenzene
Concen: 2.629 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:105 Resp: 19286

Ion	Ratio	Lower	Upper
105	100		
120	42.7	21.6	65.0



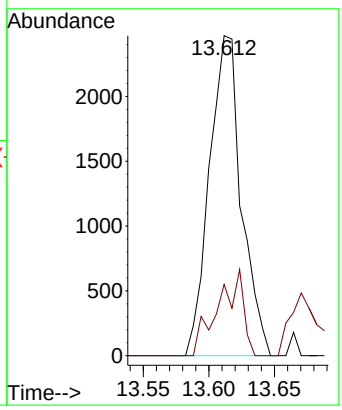


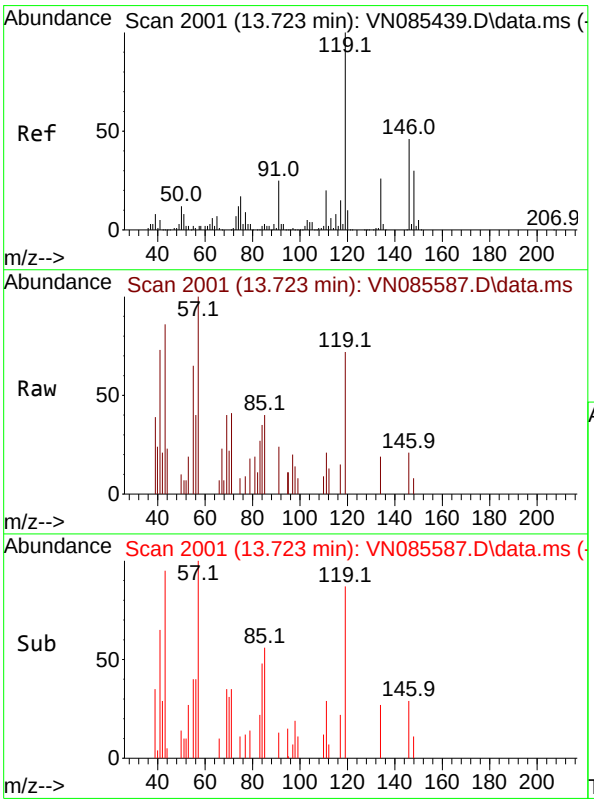
#85
sec-Butylbenzene
Concen: 0.489 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:105 Resp: 4189

Ion	Ratio	Lower	Upper
105	100		
134	21.6	9.7	28.9

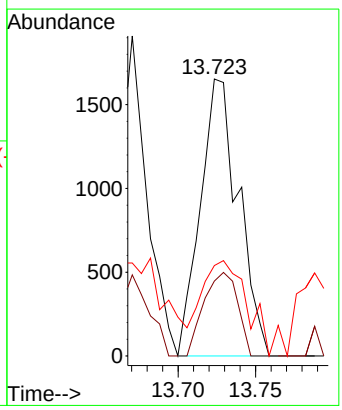


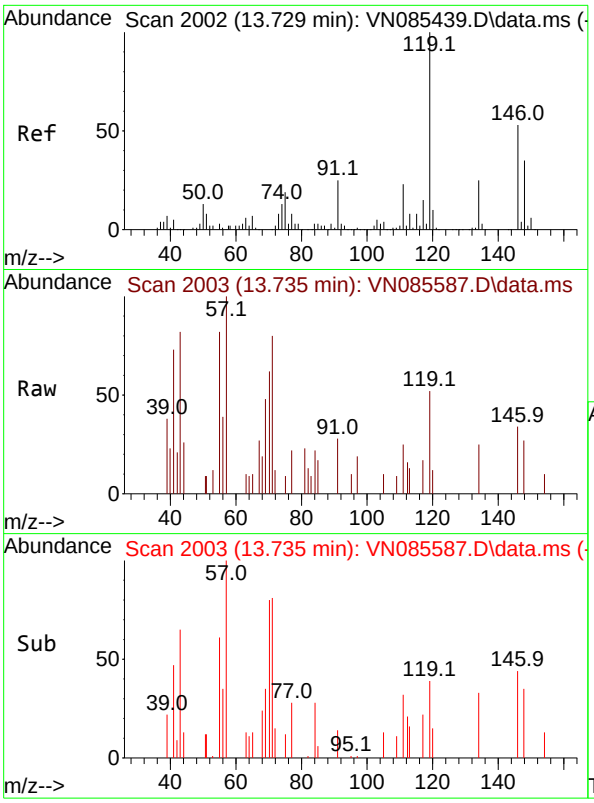


#86
p-Isopropyltoluene
Concen: 0.441 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:119 Resp: 2829

Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.7	38.0
91	40.8	12.7	38.1#



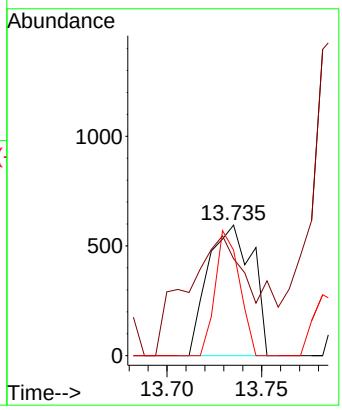


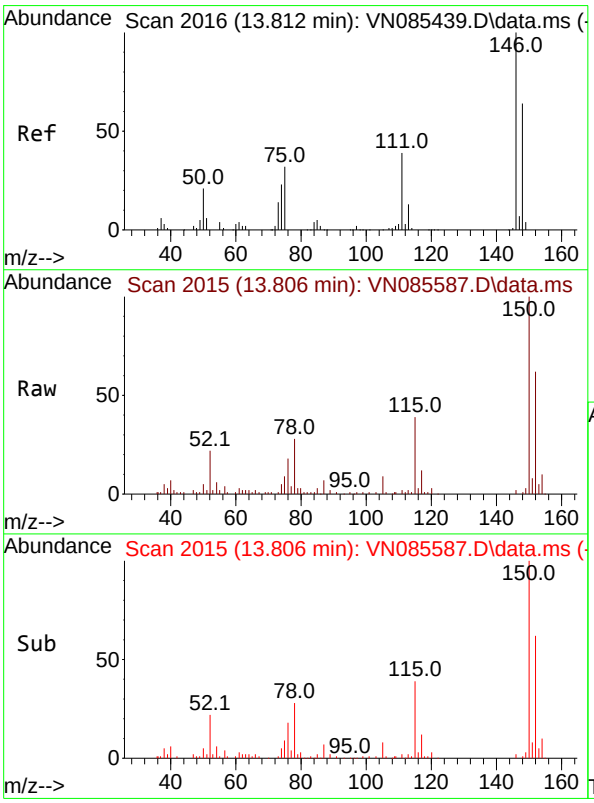
#87
1,3-Dichlorobenzene
Concen: 0.227 ug/l
RT: 13.735 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:146 Resp: 975

Ion	Ratio	Lower	Upper
146	100		
111	142.2	21.4	64.3#
148	52.2	32.3	96.9

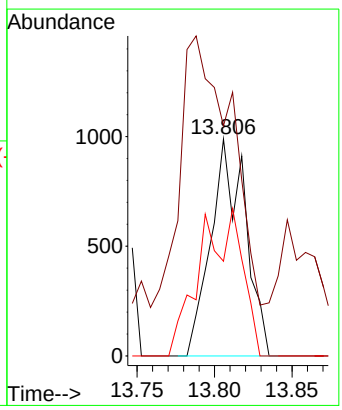


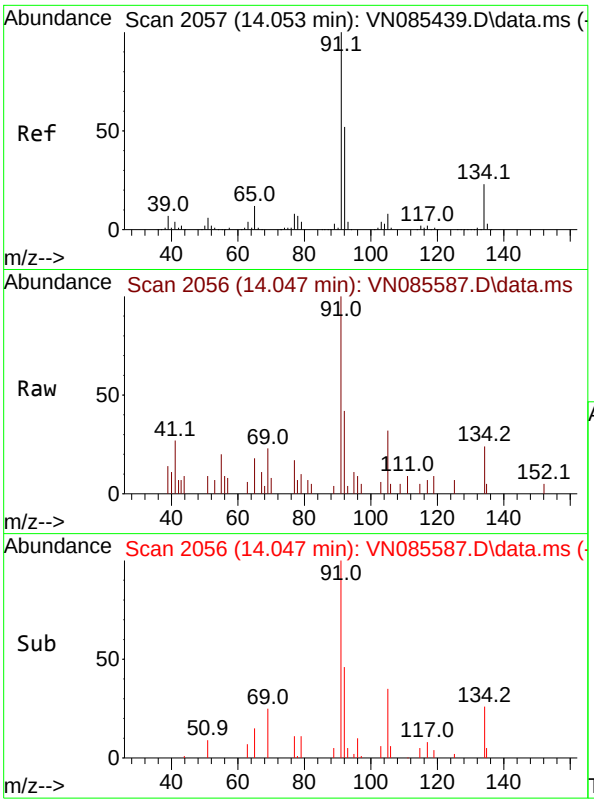


#88
1,4-Dichlorobenzene
Concen: 0.342 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:146 Resp: 1522

Ion	Ratio	Lower	Upper
146	100		
111	191.3	21.3	63.7#
148	52.2	32.4	97.0



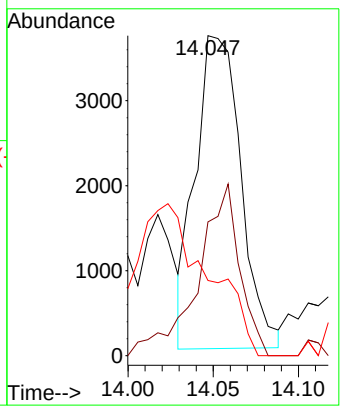


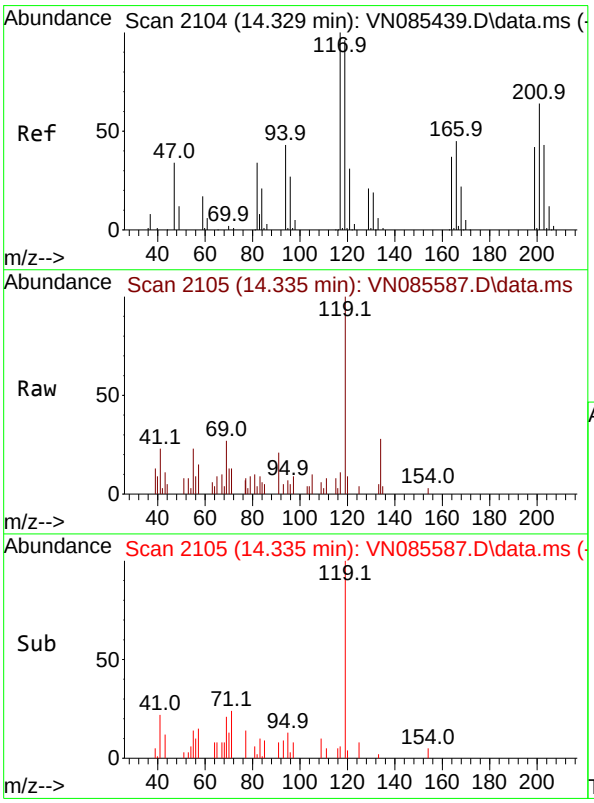
#89
n-Butylbenzene
Concen: 1.109 ug/l
RT: 14.047 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion: 91 Resp: 6818

Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.8	77.3
134	0.0	11.7	35.1#

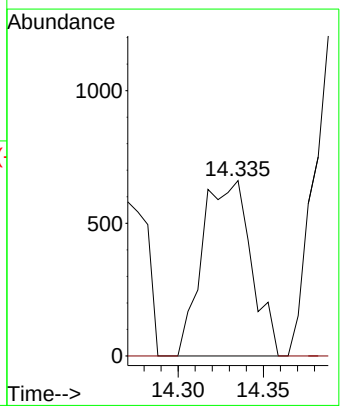


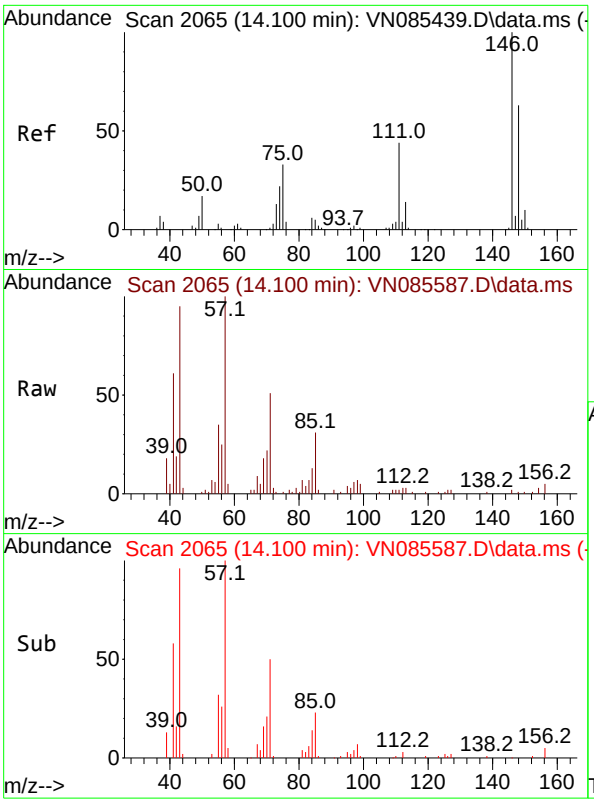


#90
Hexachloroethane
Concen: 0.804 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:117 Resp: 1312

Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.7	101.0#



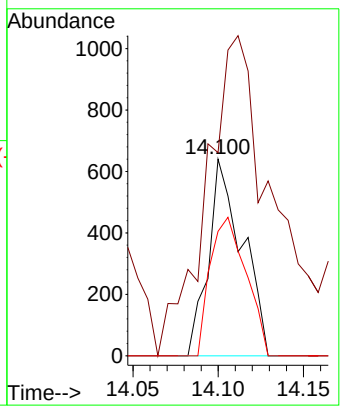


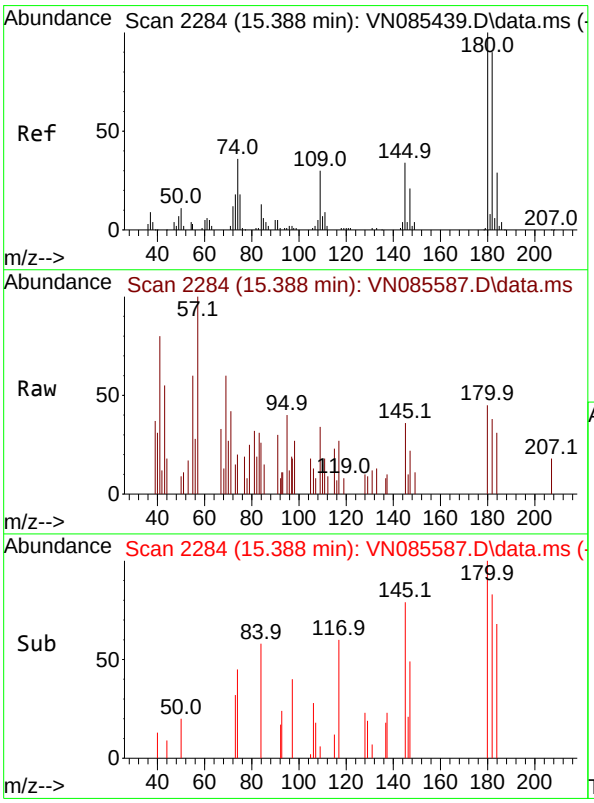
#91
1,2-Dichlorobenzene
Concen: 0.208 ug/l
RT: 14.100 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:146 Resp: 888

Ion	Ratio	Lower	Upper
146	100		
111	327.1	21.7	65.1#
148	74.5	31.4	94.2

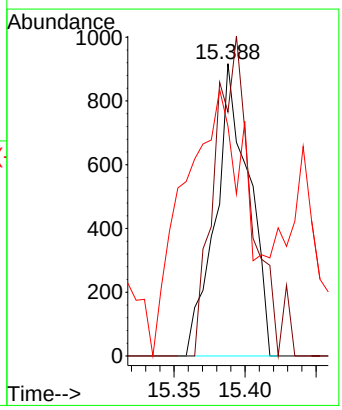


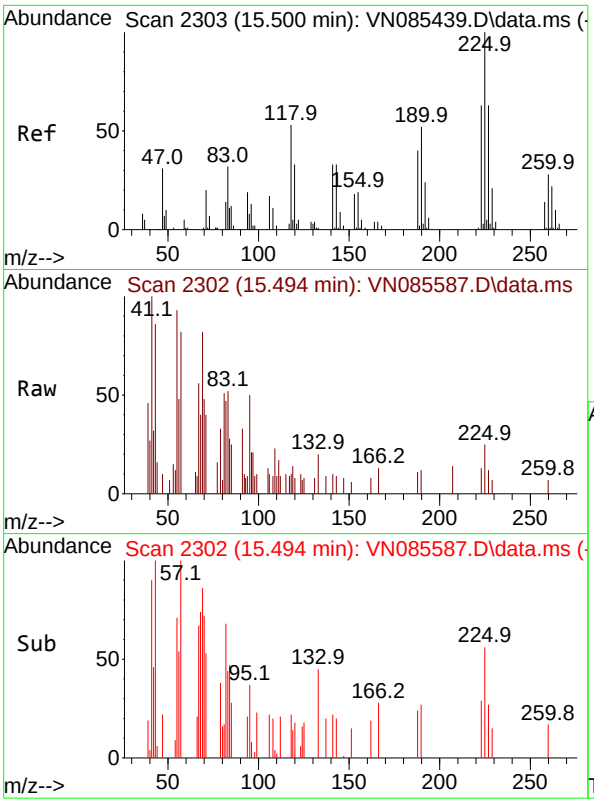


#93
1,2,4-Trichlorobenzene
Concen: 0.754 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:180 Resp: 1499

Ion	Ratio	Lower	Upper
180	100		
182	123.8	46.8	140.3
145	173.4	16.0	48.0#



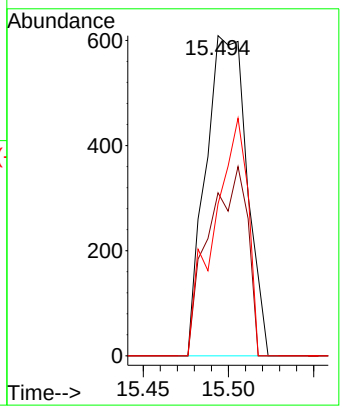


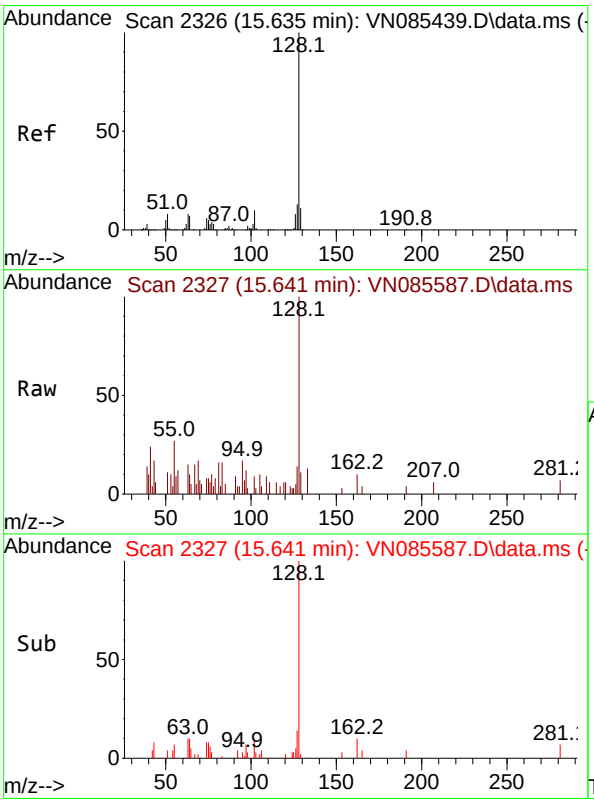
#94
Hexachlorobutadiene
Concen: 0.968 ug/l
RT: 15.494 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:225 Resp: 1021

Ion	Ratio	Lower	Upper
225	100		
223	55.7	30.7	92.1
227	61.5	30.9	92.5

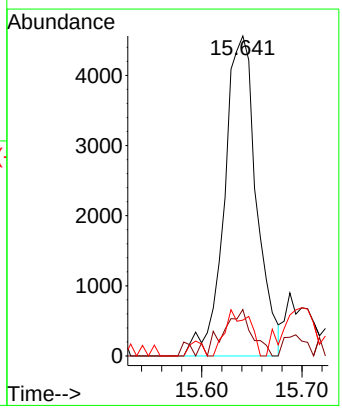


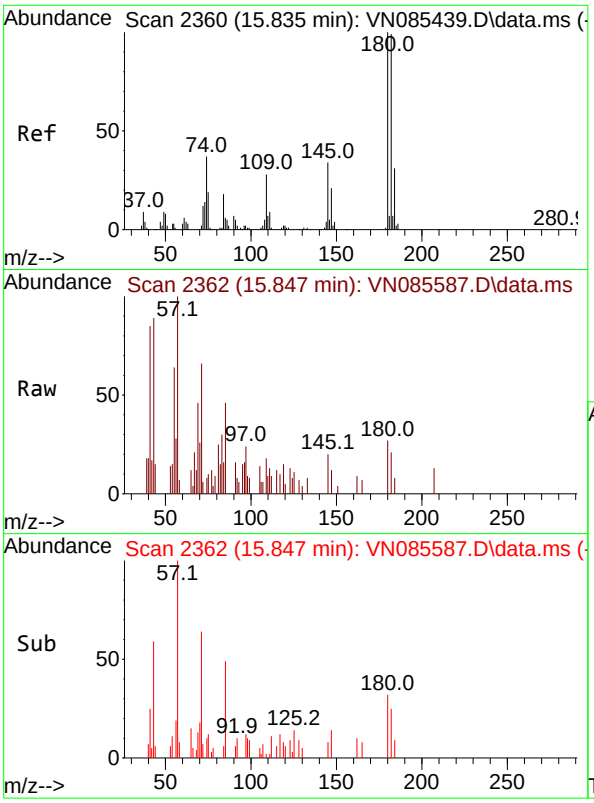


#95
Naphthalene
Concen: 1.711 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Tgt Ion:128 Resp: 10147

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 1.321 ug/l
RT: 15.847 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN085587.D
Acq: 30 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002

Tgt Ion:180 Resp: 2657

Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.4	142.2
145	75.6	16.9	50.7#