Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
Data File : VN086751.D
Acq On : 22 May 2025 08:55
Operator : JC\MD
Sample : VN0522MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Quant Time: May 23 01:30:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	229256	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	424494	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	408586	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	174679	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.577	65	139341	43.985	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.980%				
35) Dibromofluoromethane	8.165	113	127130	50.288	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%				
50) Toluene-d8	10.565	98	536584	51.219	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.440%				
62) 4-Bromofluorobenzene	12.847	95	192975	52.168	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.340%				
Target Compounds							Qvalue
3) Chloromethane	2.365	50	1430	0.382	ug/l		93
5) Bromomethane	2.983	94	902	0.465	ug/l		88
10) Methyl Iodide	4.600	142	1117	0.373	ug/l	#	43
13) Acrolein	4.183	56	641	1.039	ug/l	#	73
15) Acrylonitrile	5.742	53	610	0.427	ug/l	#	59
17) Carbon Disulfide	4.712	76	2591	0.366	ug/l	#	75
18) Methyl Acetate	5.030	43	750	0.226	ug/l	#	49
20) Methylene Chloride	5.283	84	647	0.207	ug/l	#	53
25) 2-Butanone	7.494	43	681	0.372	ug/l	#	46
29) Tetrahydrofuran	7.847	42	658	0.551	ug/l	#	71
31) Cyclohexane	8.218	56	4222	0.888	ug/l	#	1
36) 1,1-Dichloropropene	8.218	75	16632	4.460	ug/l	#	48
38) Carbon Tetrachloride	8.218	117	22748	6.191	ug/l	#	17
43) Isopropyl Acetate	8.688	43	4106	0.544	ug/l	#	54
51) 4-Methyl-2-Pentanone	10.441	43	913	0.240	ug/l	#	57
59) 2-Hexanone	11.188	43	1236	0.444	ug/l		95
76) 1,2,3-Trichloropropane	12.847	75	89974	22.775	ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89974	57.477	ug/l	#	15
83) tert-Butylbenzene	13.435	119	2068	0.219	ug/l		96
85) sec-Butylbenzene	13.617	105	4698	0.372	ug/l		99
86) p-Isopropyltoluene	13.729	119	3852	0.372	ug/l		94
87) 1,3-Dichlorobenzene	13.729	146	1580	0.269	ug/l		91
88) 1,4-Dichlorobenzene	13.729	146	1580	0.271	ug/l		91
89) n-Butylbenzene	14.053	91	5666	0.660	ug/l		94
90) Hexachloroethane	14.317	117	431	0.251	ug/l		72
91) 1,2-Dichlorobenzene	14.100	146	1587	0.284	ug/l		91
93) 1,2,4-Trichlorobenzene	15.394	180	2457	1.041	ug/l		94
94) Hexachlorobutadiene	15.500	225	1141	1.166	ug/l		94
95) Naphthalene	15.641	128	17138	2.092	ug/l		98
96) 1,2,3-Trichlorobenzene	15.835	180	2841	1.230	ug/l	#	86

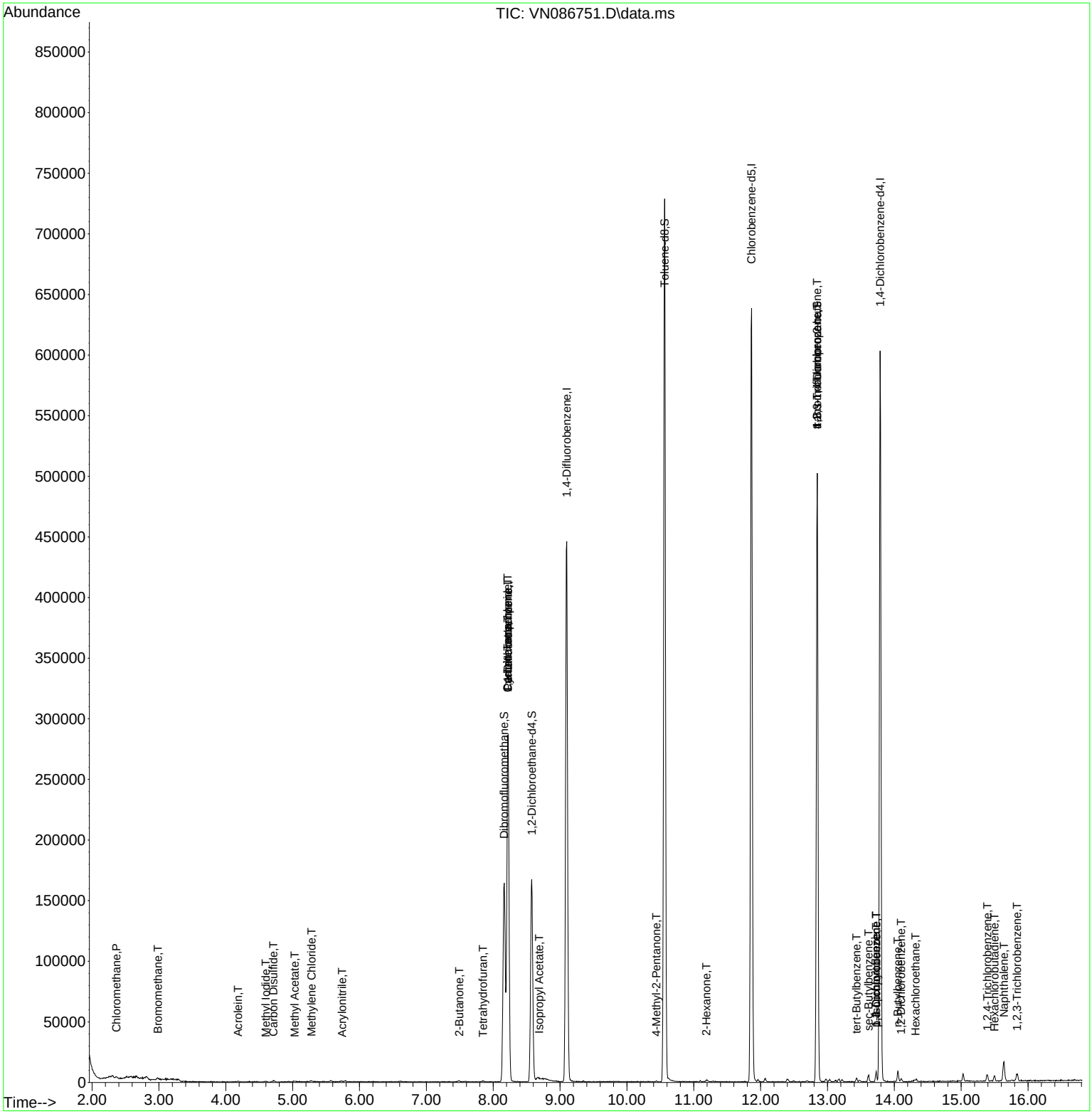
(#) = qualifier out of range (m) = manual integration (+) = signals summed

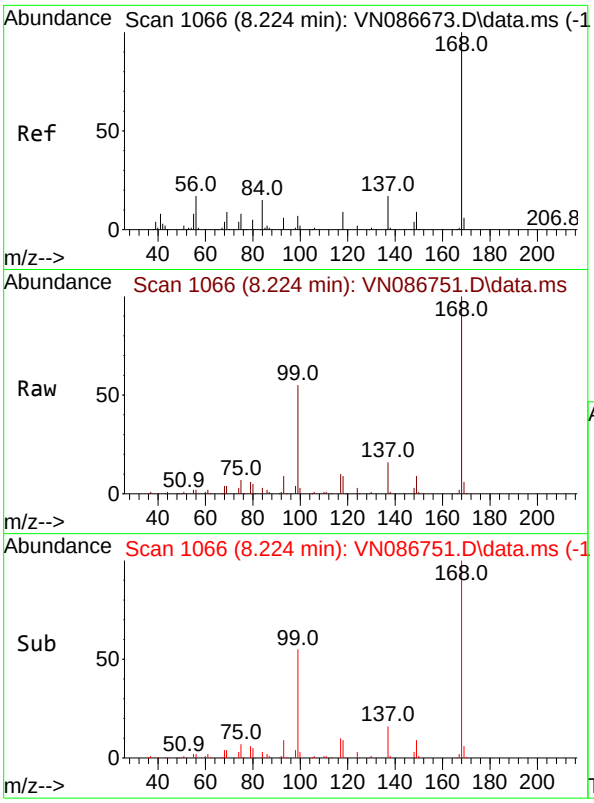
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
Data File : VN086751.D
Acq On : 22 May 2025 08:55
Operator : JC\MD
Sample : VN0522MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Quant Time: May 23 01:30:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration



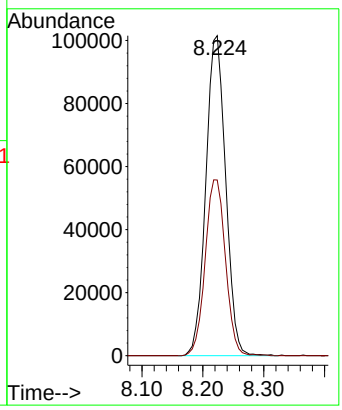


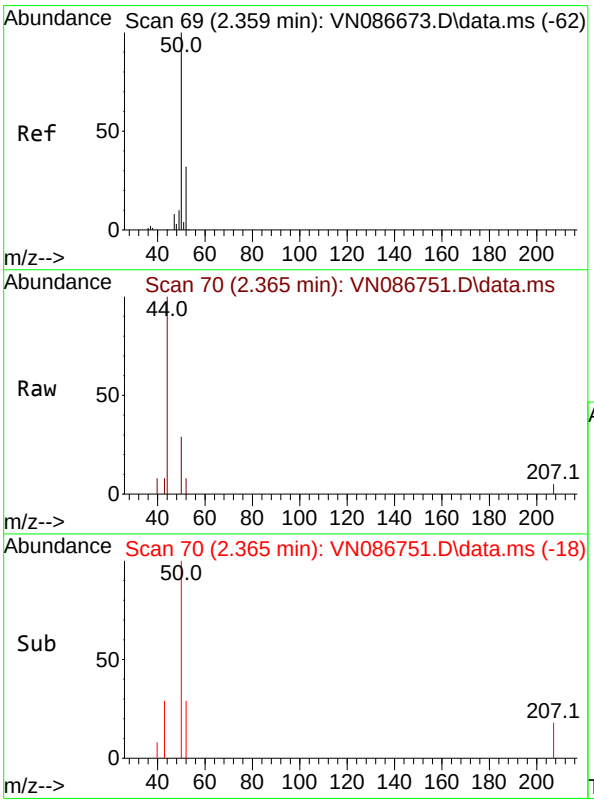
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:168 Resp: 229256

Ion	Ratio	Lower	Upper
168	100		
99	54.9	47.0	70.4

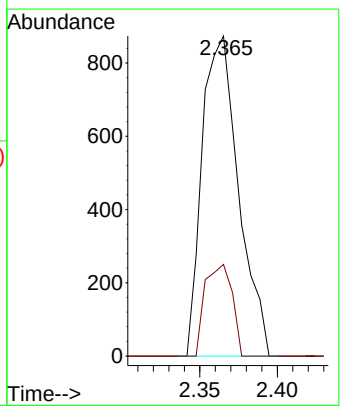


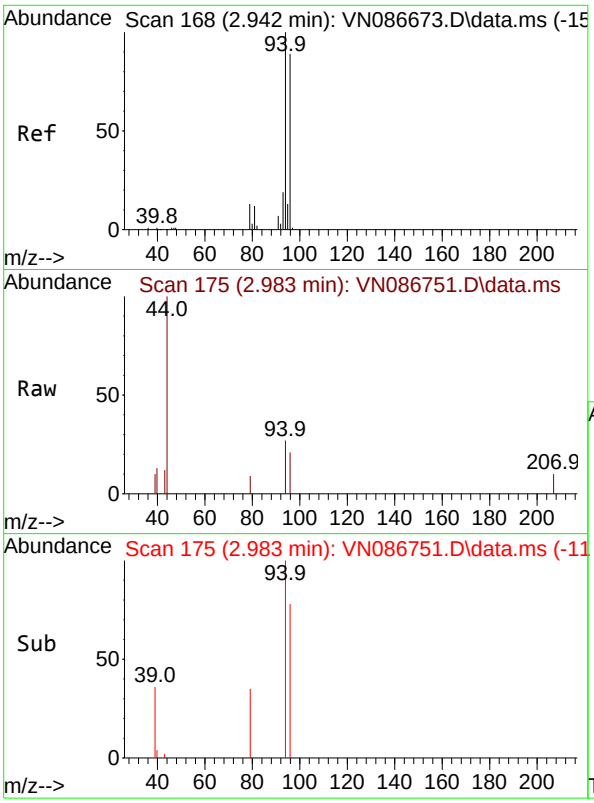


#3
Chloromethane
Concen: 0.382 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 50 Resp: 1430

Ion	Ratio	Lower	Upper
50	100		
52	28.6	25.9	38.9



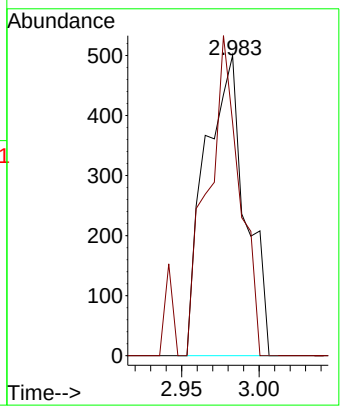


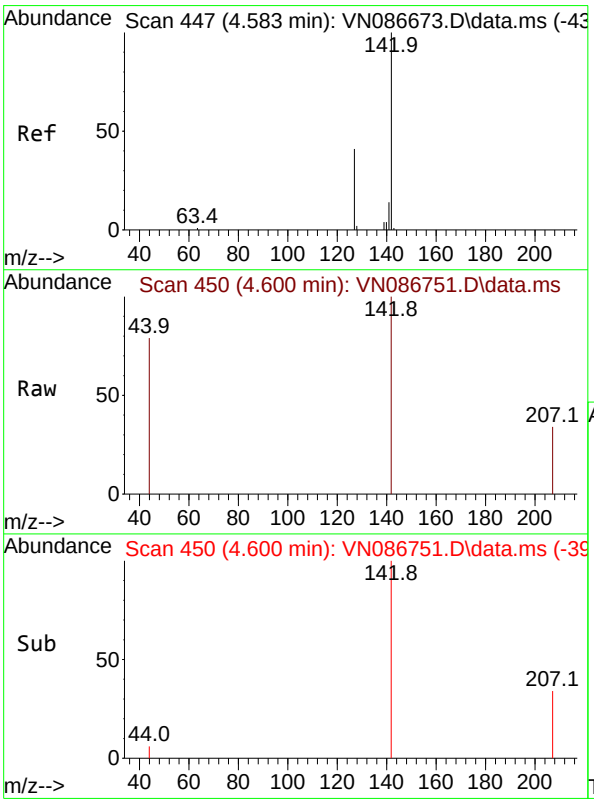
#5
Bromomethane
Concen: 0.465 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 94 Resp: 902

Ion	Ratio	Lower	Upper
94	100		
96	77.6	71.2	106.8

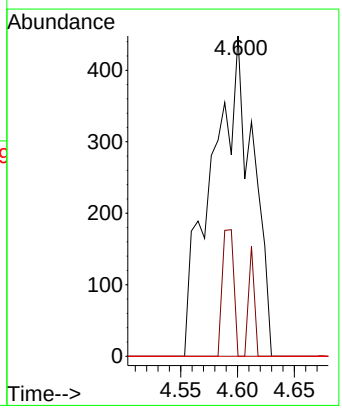


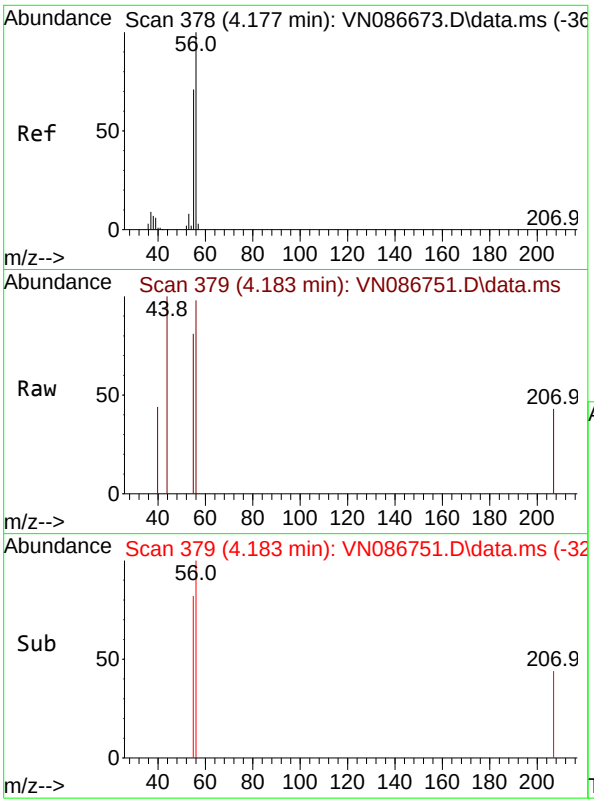


#10
Methyl Iodide
Concen: 0.373 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.018 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:142 Resp: 1117

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.4	48.6#
141	0.0	11.4	17.2#



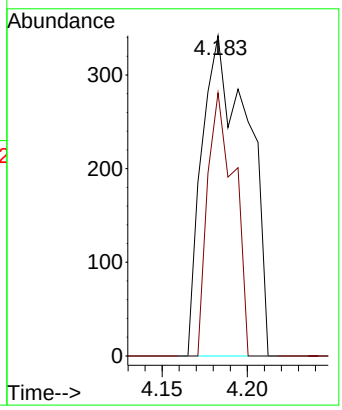


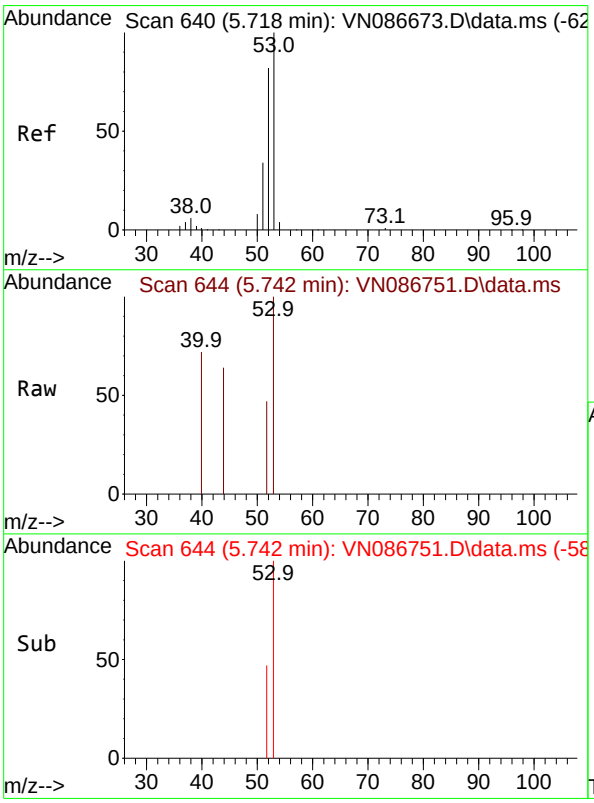
#13
Acrolein
Concen: 1.039 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 56 Resp: 641

Ion	Ratio	Lower	Upper
56	100		
55	47.7	55.7	83.5#

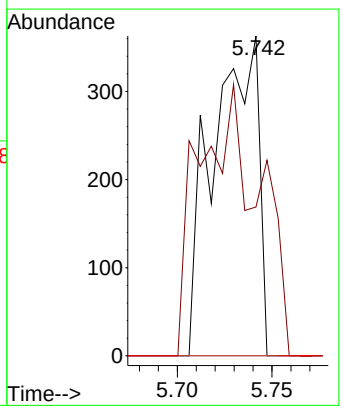


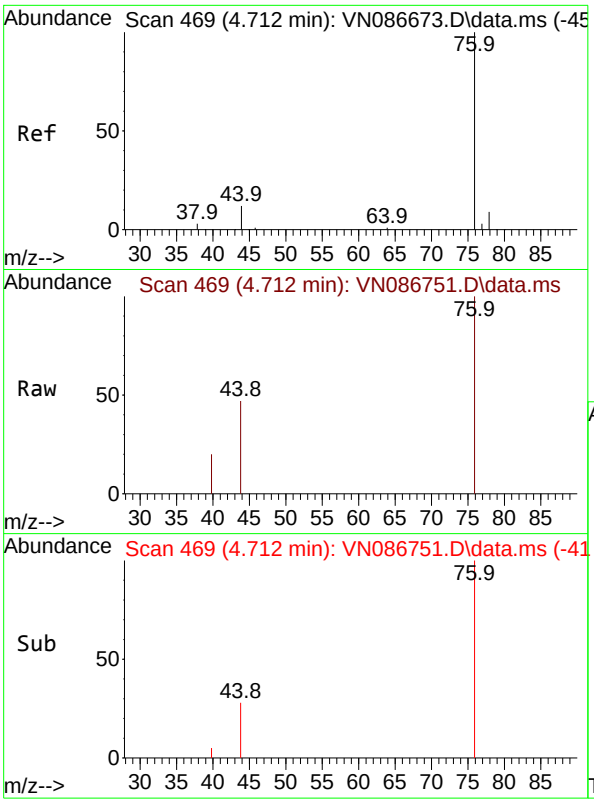


#15
Acrylonitrile
Concen: 0.427 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.023 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 53 Resp: 610

Ion	Ratio	Lower	Upper
53	100		
52	111.3	65.4	98.2#
51	0.0	27.9	41.9#



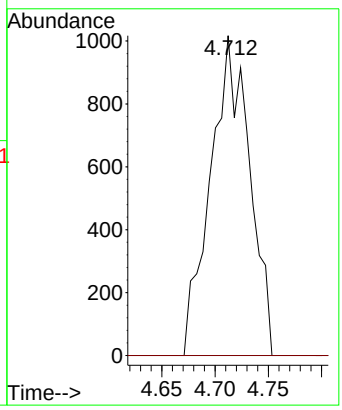


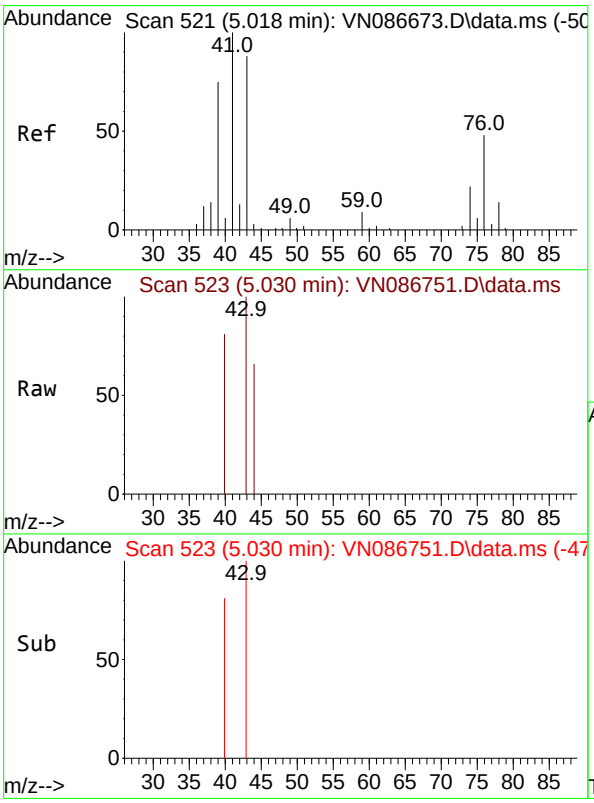
#17
Carbon Disulfide
Concen: 0.366 ug/l
RT: 4.712 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 76 Resp: 2591

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

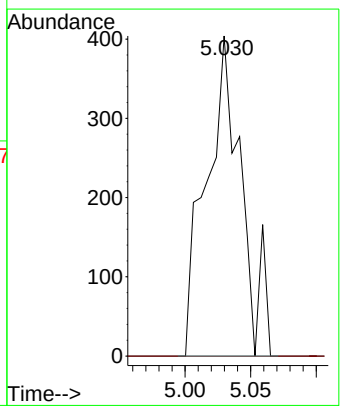


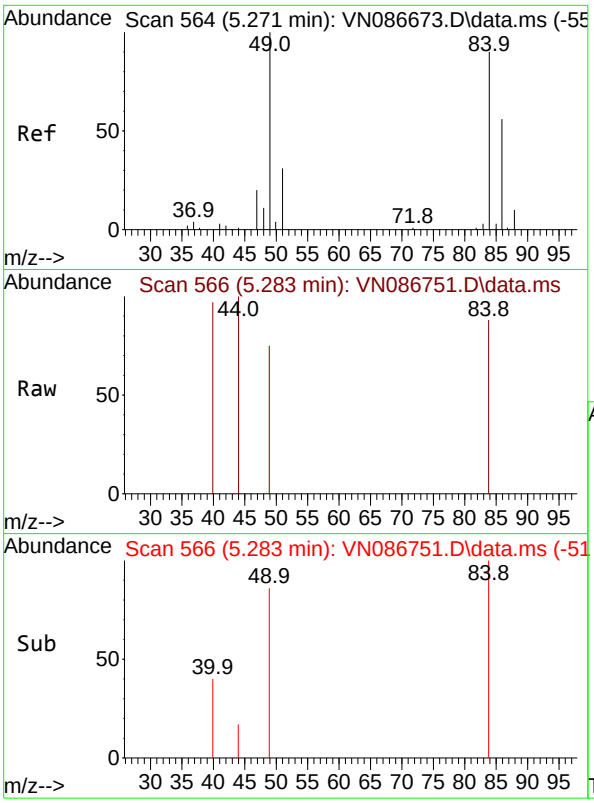


#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 43 Resp: 750

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.5	30.7#



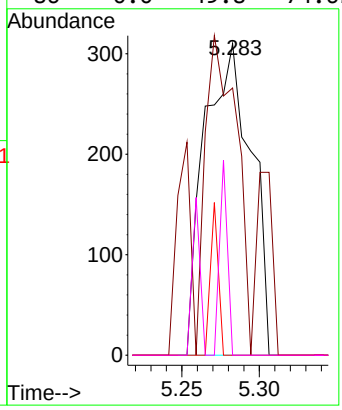


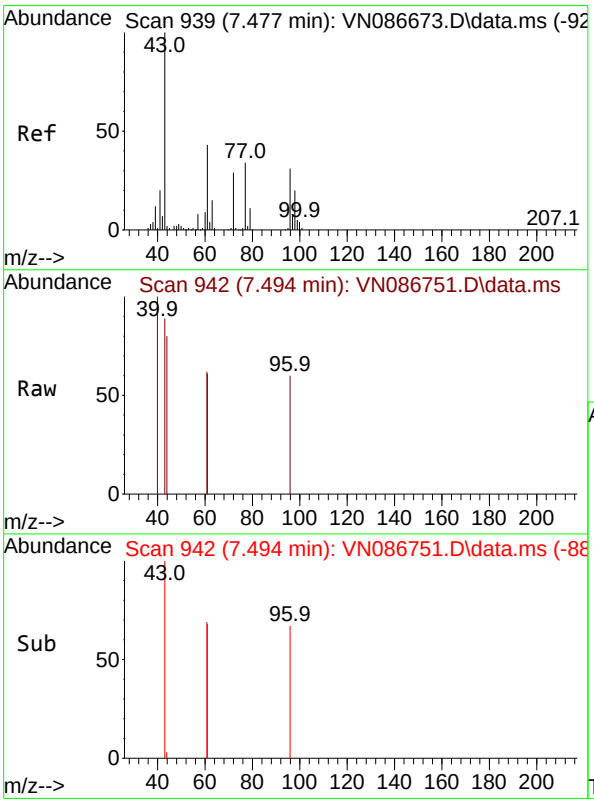
#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 84 Resp: 647

Ion	Ratio	Lower	Upper
84	100		
49	85.8	88.8	133.2#
51	0.0	27.8	41.6#
86	0.0	49.8	74.6#

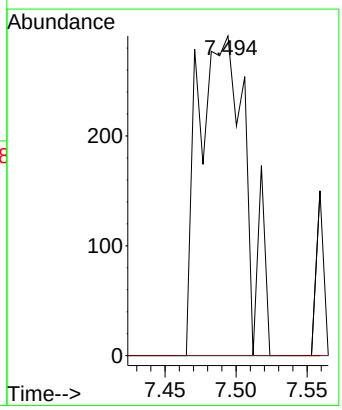


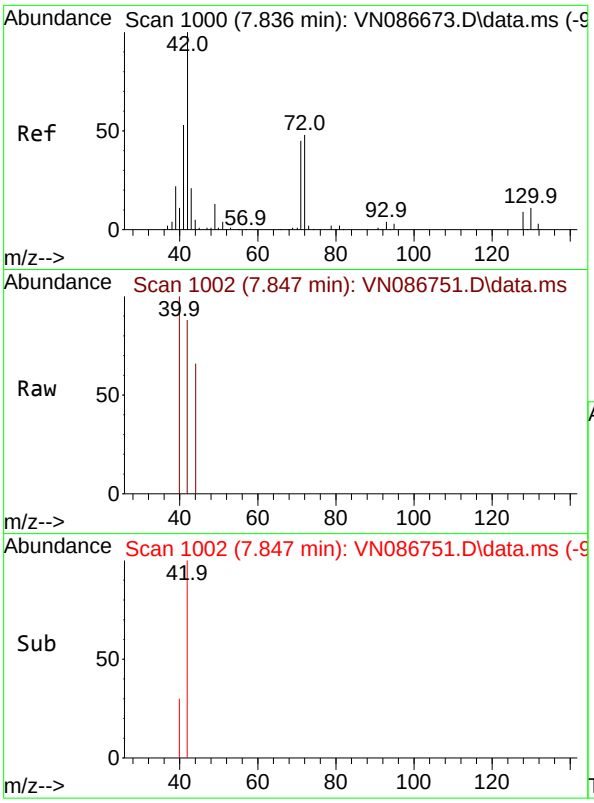


#25
2-Butanone
Concen: 0.372 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 43 Resp: 681

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#



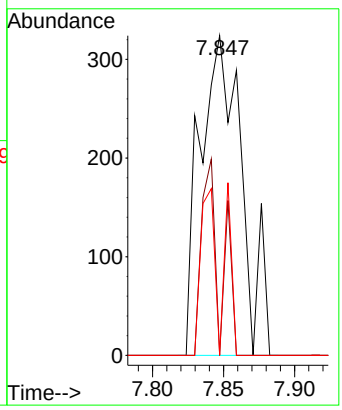


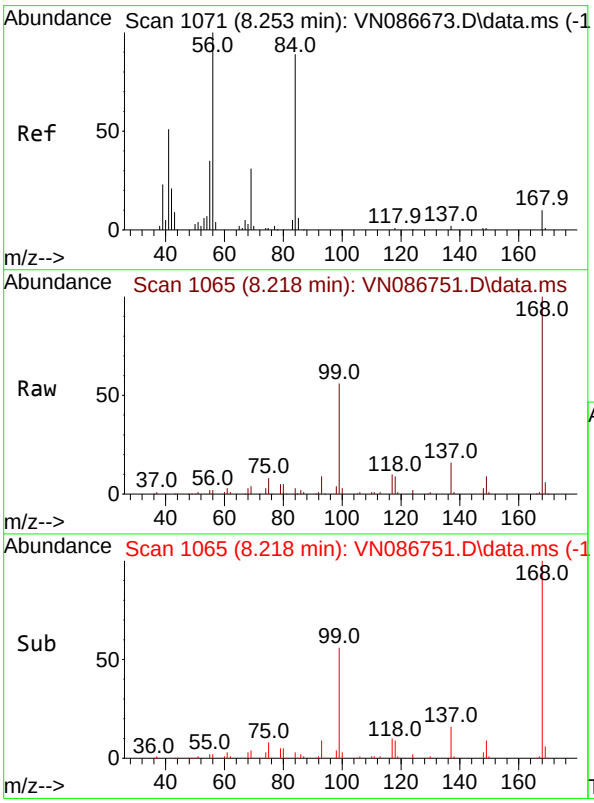
#29
Tetrahydrofuran
Concen: 0.551 ug/l
RT: 7.847 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 42 Resp: 658

Ion	Ratio	Lower	Upper
42	100		
72	27.7	38.7	58.1#
71	26.7	36.2	54.4#

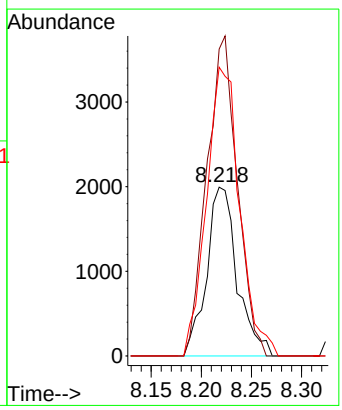


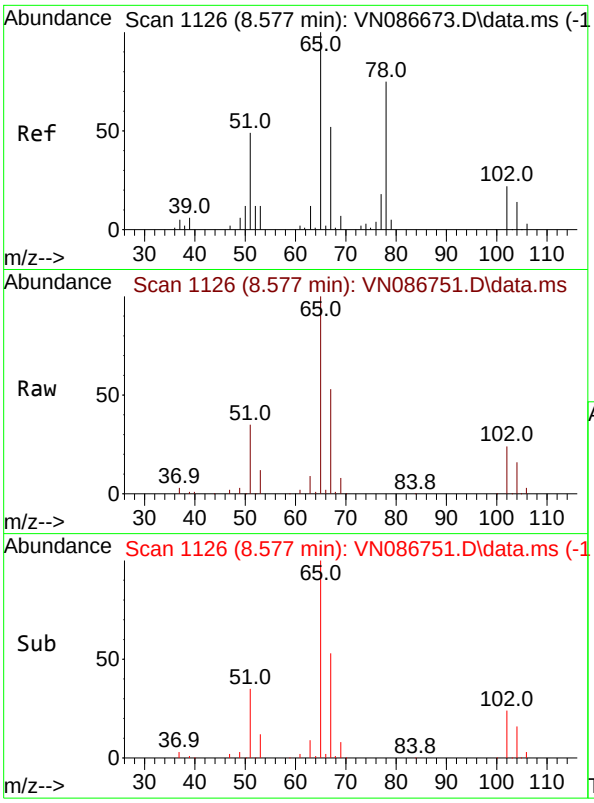


#31
Cyclohexane
Concen: 0.888 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 56 Resp: 4222

Ion	Ratio	Lower	Upper
56	100		
69	181.8	25.0	37.6#
84	186.4	71.0	106.4#



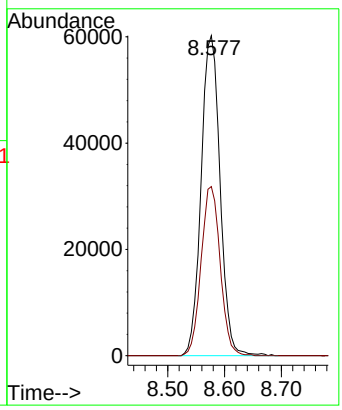


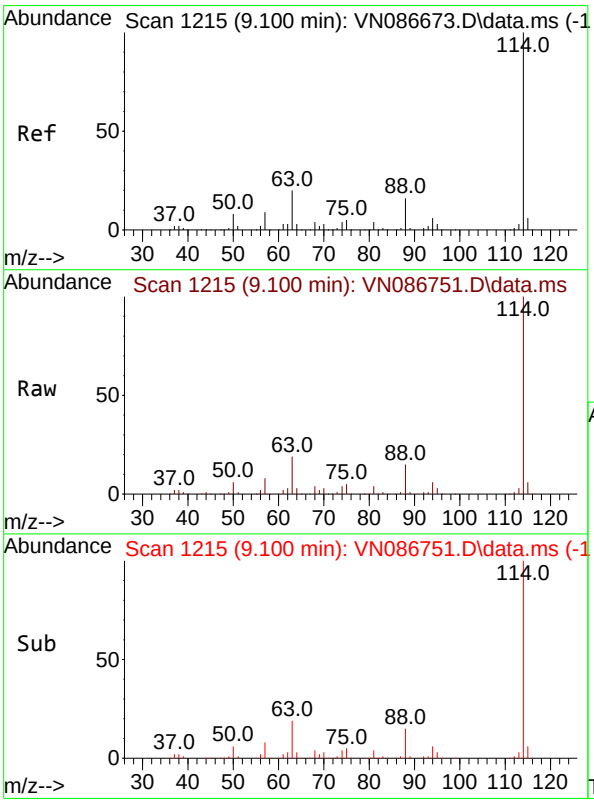
#33
1,2-Dichloroethane-d4
Concen: 43.985 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 65 Resp: 139341

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.4

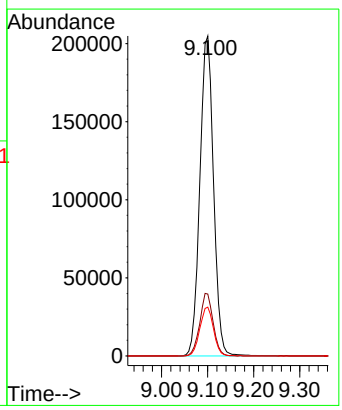


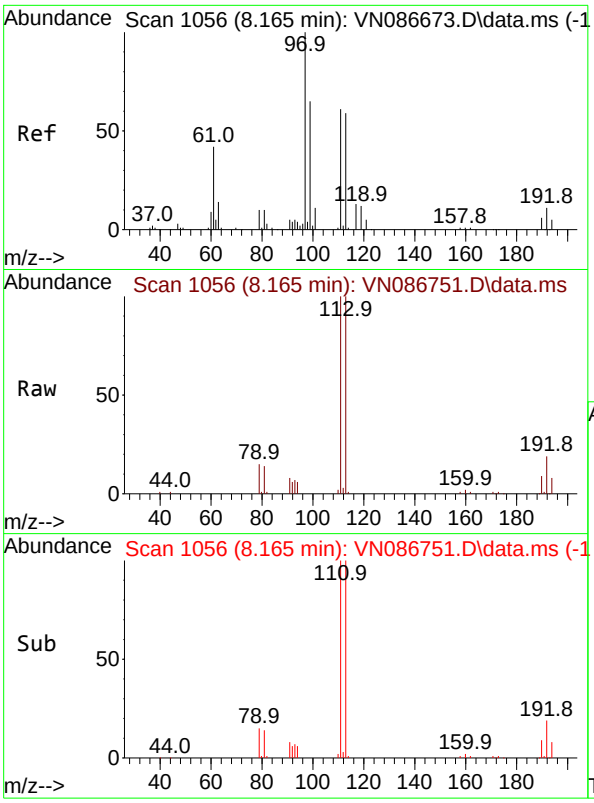


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:114 Resp: 424494

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.2
88	15.2	0.0	31.2



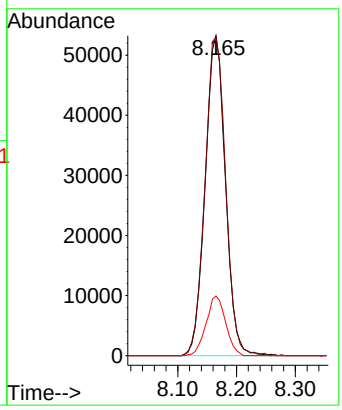


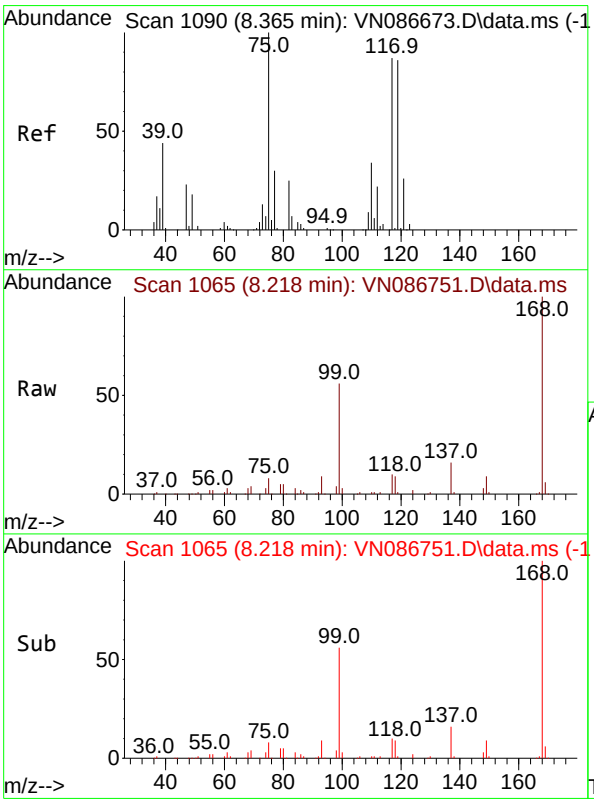
#35
Dibromofluoromethane
Concen: 50.288 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:113 Resp: 127130

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	18.0	13.8	20.8

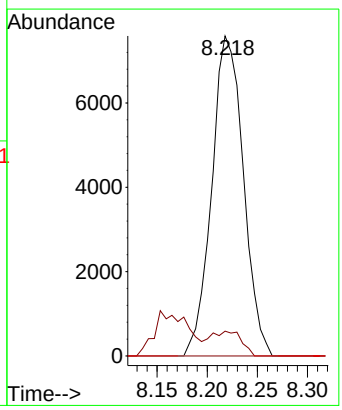


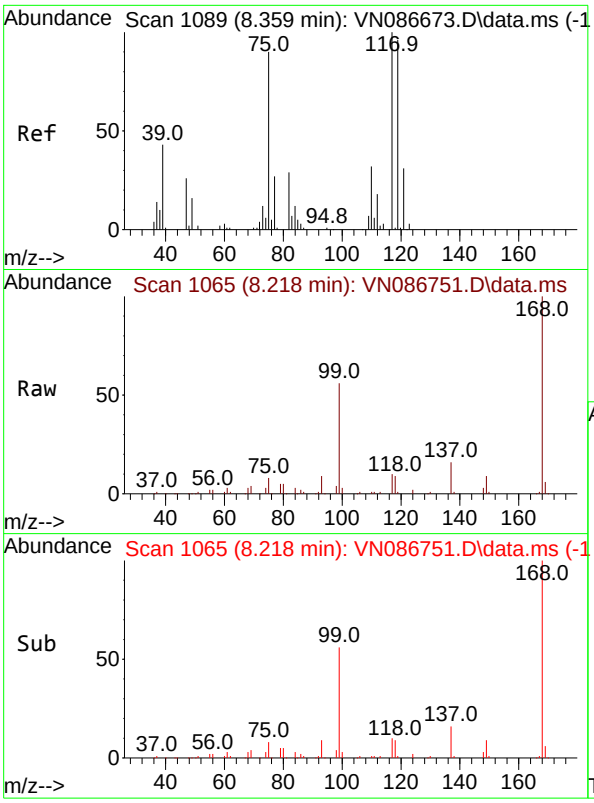


#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 75 Resp: 16632

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.5	52.5#
77	0.0	25.1	37.7#



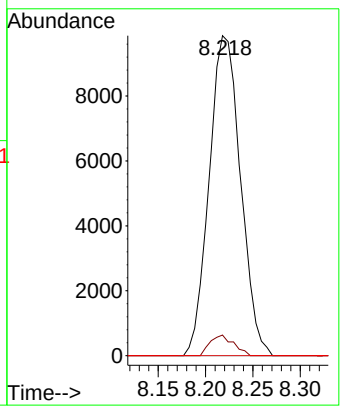


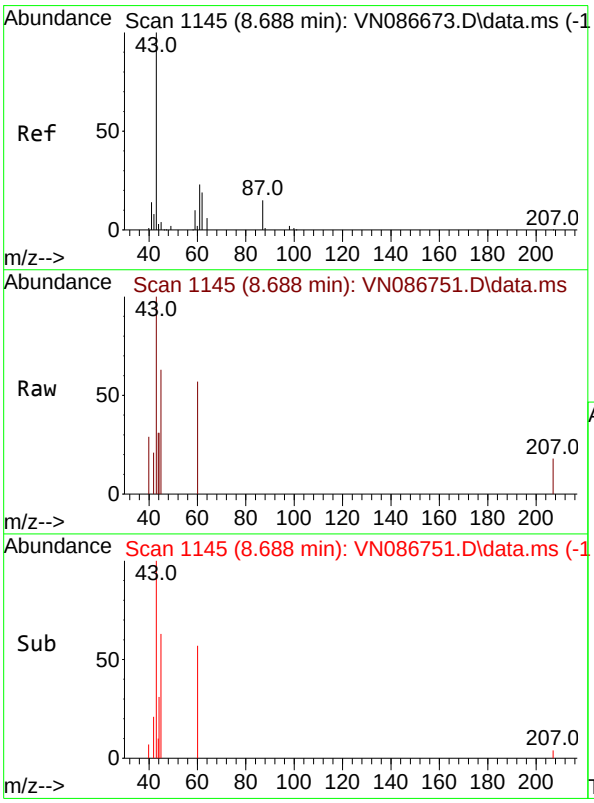
#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:117 Resp: 22748

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.0	115.6#
121	0.0	25.0	37.6#

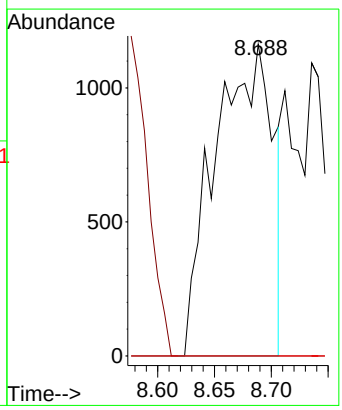


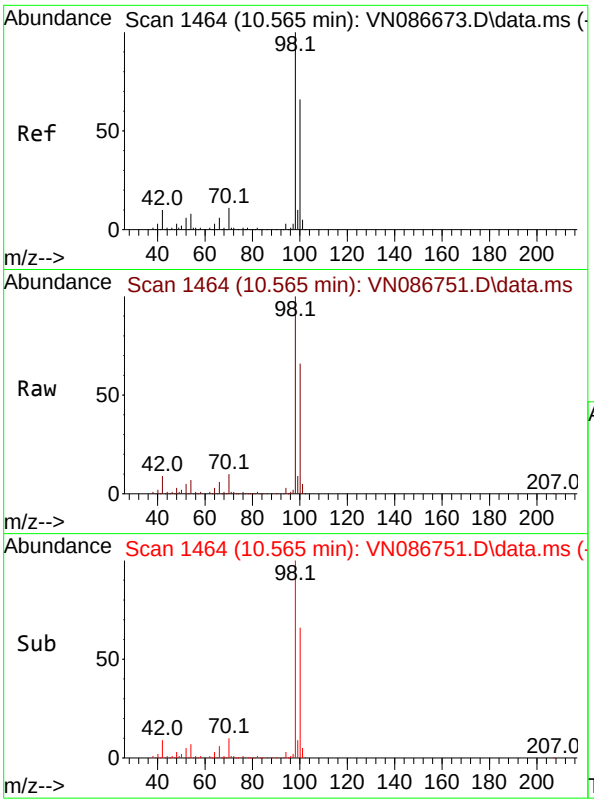


#43
Isopropyl Acetate
Concen: 0.544 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 43 Resp: 4106

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.2#
87	0.0	11.1	16.7#



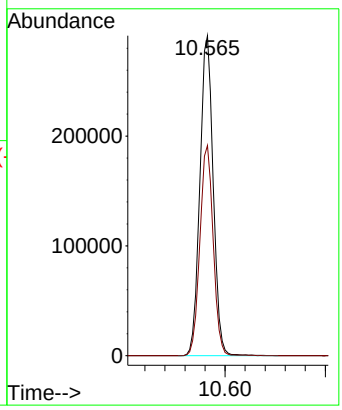


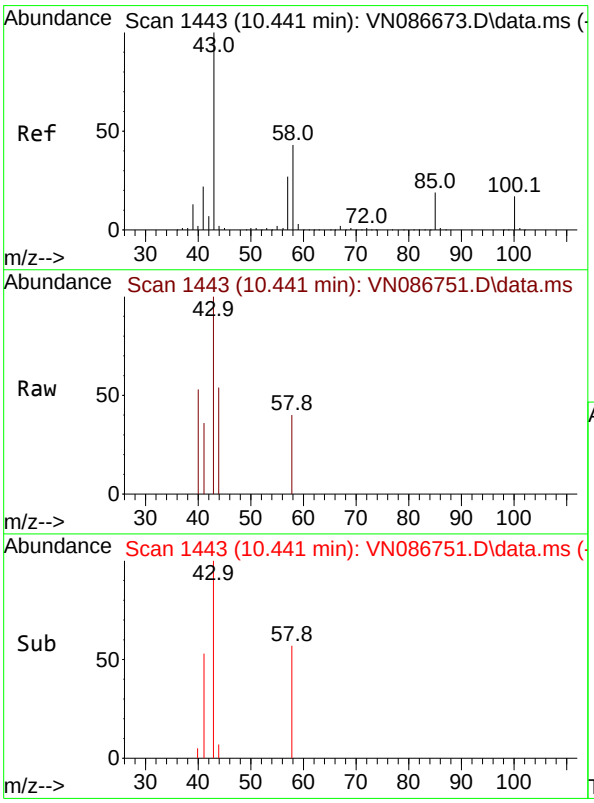
#50
Toluene-d8
Concen: 51.219 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 98 Resp: 536584

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3

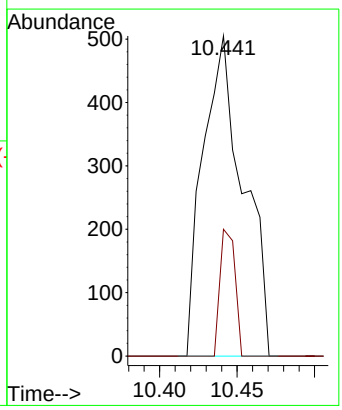


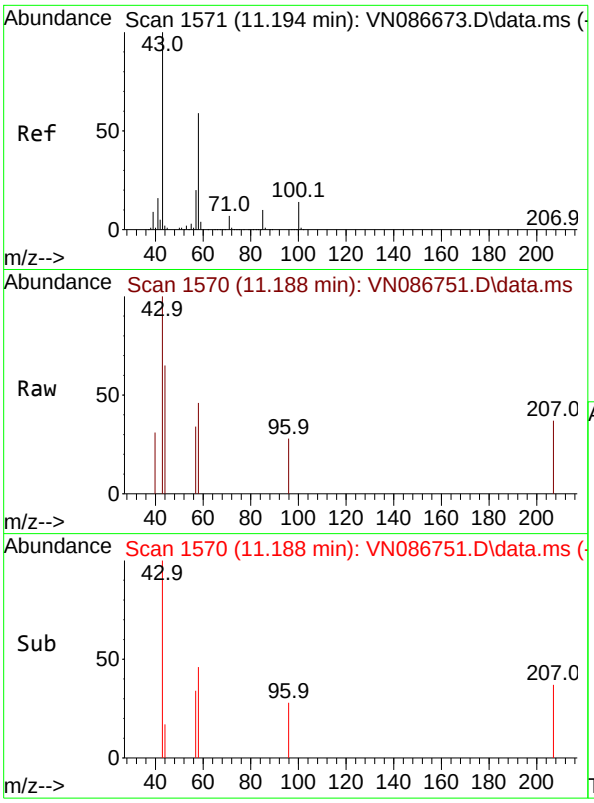


#51
4-Methyl-2-Pentanone
Concen: 0.240 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 43 Resp: 913

Ion	Ratio	Lower	Upper
43	100		
58	14.8	33.9	50.9#



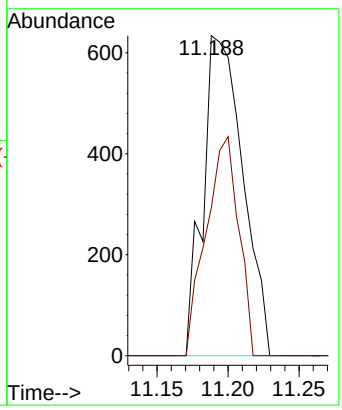


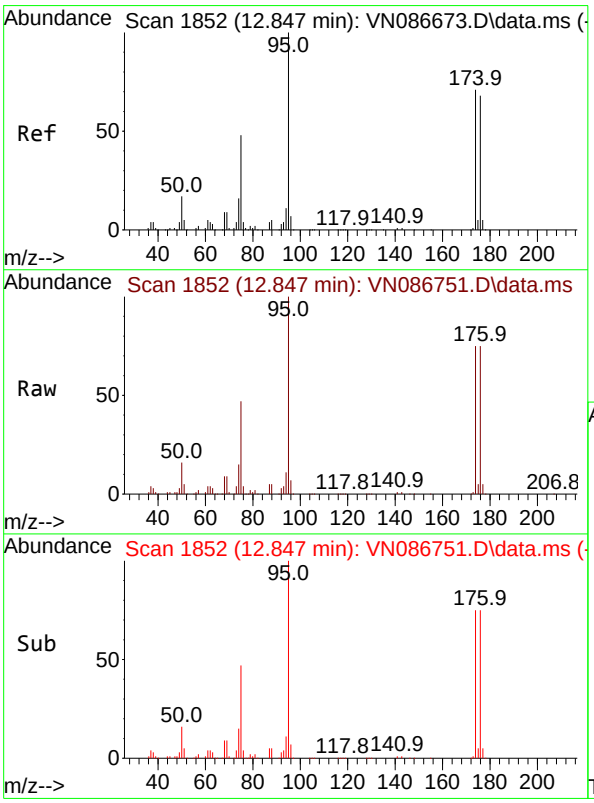
#59
2-Hexanone
Concen: 0.444 ug/l
RT: 11.188 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 43 Resp: 1236

Ion	Ratio	Lower	Upper
43	100		
58	55.9	29.8	89.5

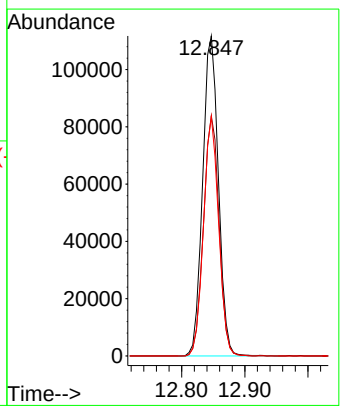


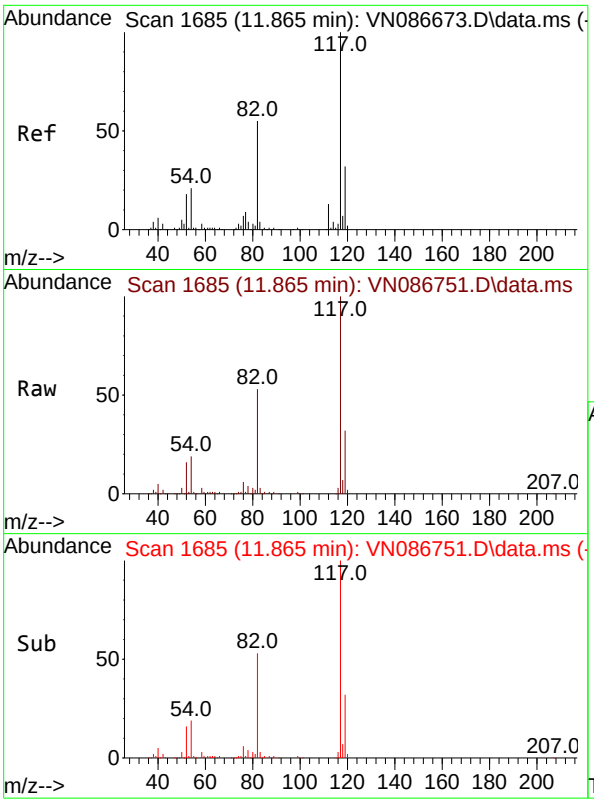


#62
4-Bromofluorobenzene
Concen: 52.168 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 95 Resp: 192975

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	145.4
176	72.0	0.0	137.8



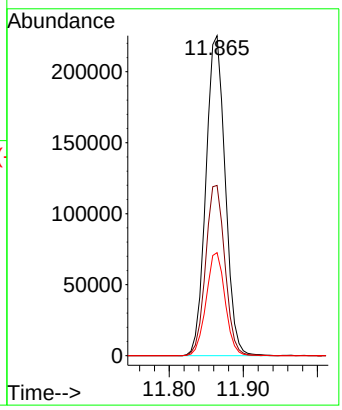


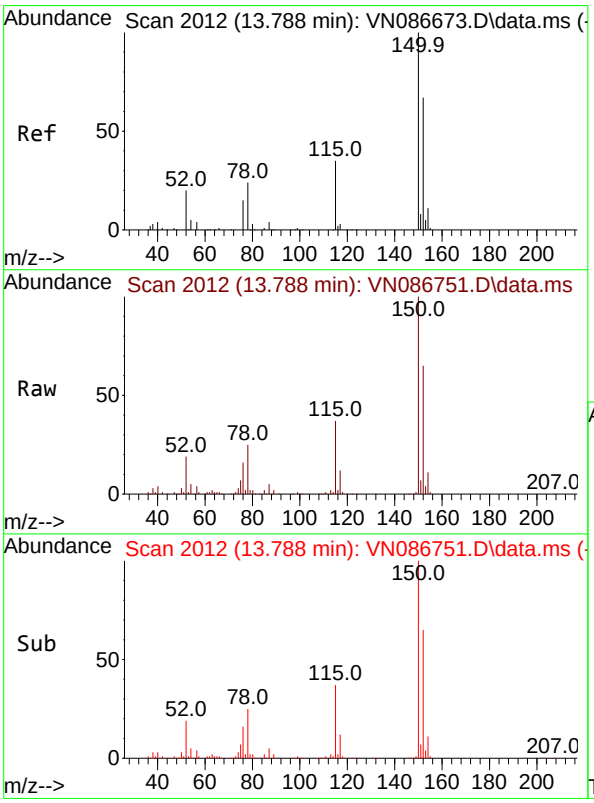
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:117 Resp: 408586

Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.2	66.2
119	32.2	25.4	38.2

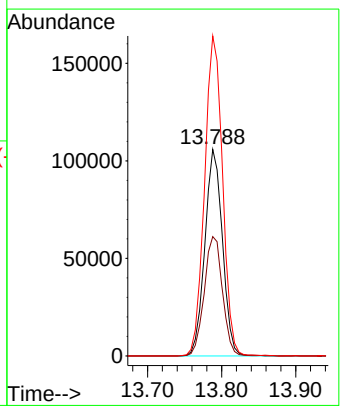


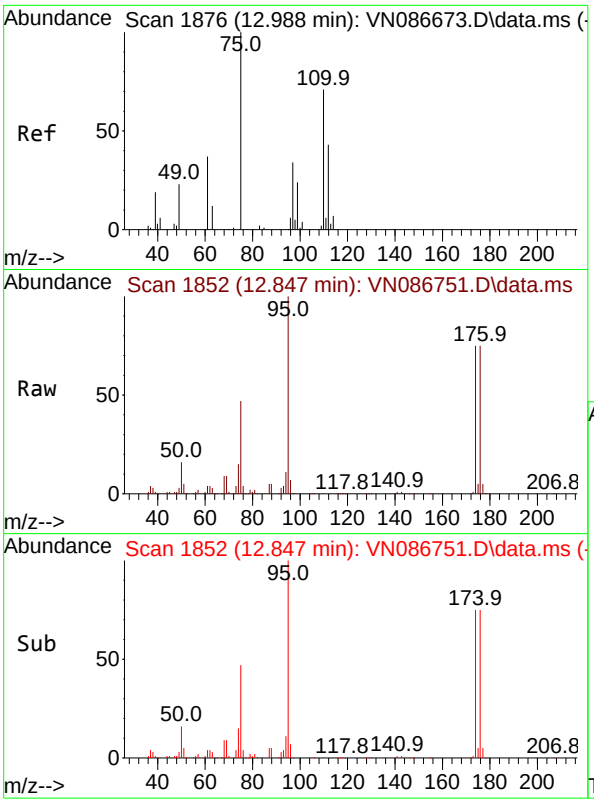


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:152 Resp: 174679

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.0	90.1
150	158.1	0.0	347.8



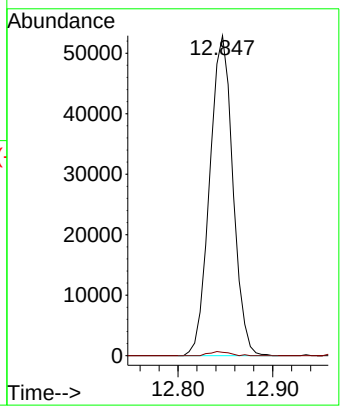


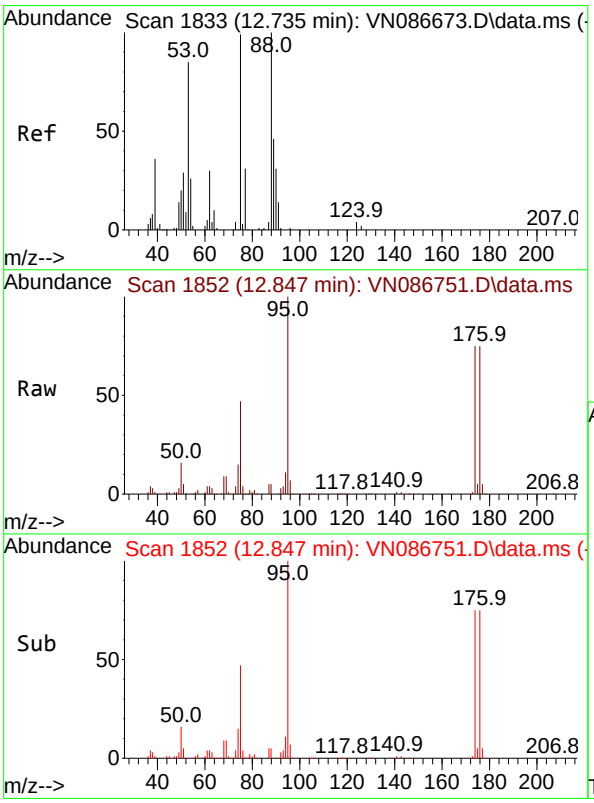
#76
1,2,3-Trichloropropane
Concen: 22.775 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion: 75 Resp: 89974

Ion	Ratio	Lower	Upper
75	100		
77	1.1	96.0	288.1#

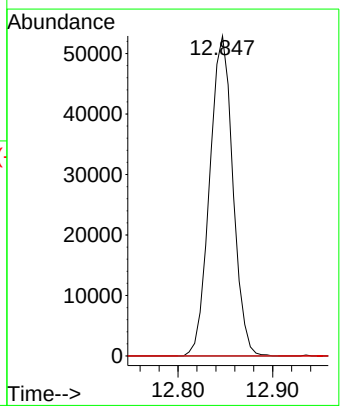


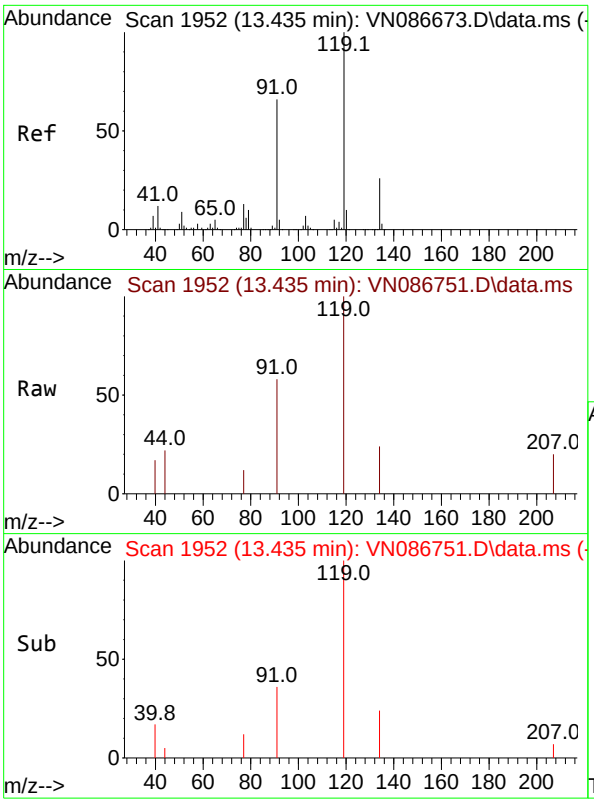


#81
trans-1,4-Dichloro-2-butene
Concen: 57.477 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 75 Resp: 89974

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.4	105.6#
89	0.0	32.4	48.6#



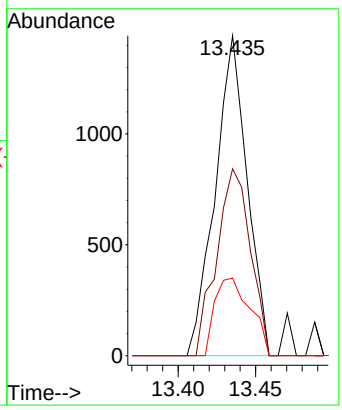


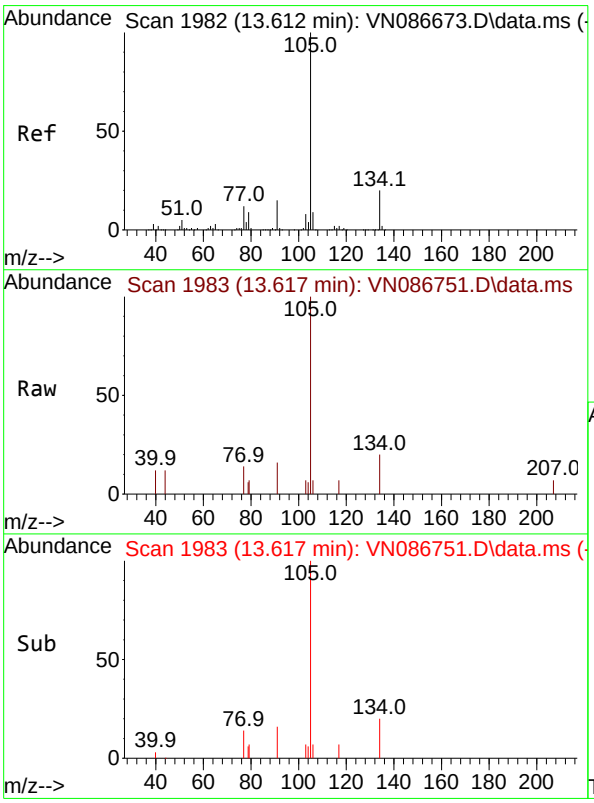
#83
tert-Butylbenzene
Concen: 0.219 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:119 Resp: 2068

Ion	Ratio	Lower	Upper
119	100		
91	61.9	32.9	98.7
134	26.8	13.4	40.1

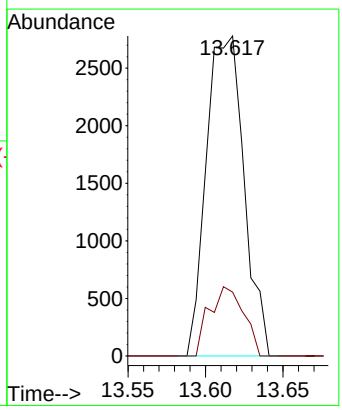


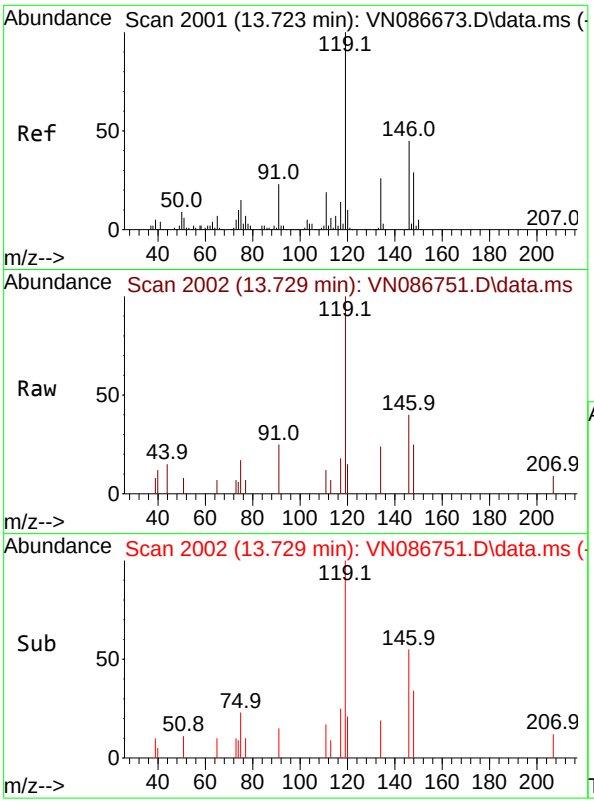


#85
sec-Butylbenzene
Concen: 0.372 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:105 Resp: 4698

Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1



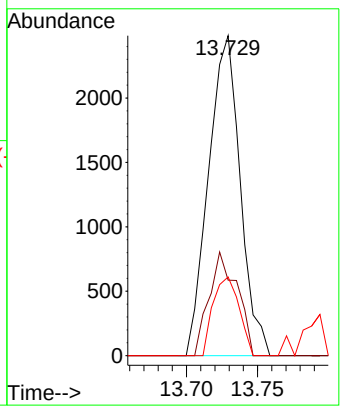


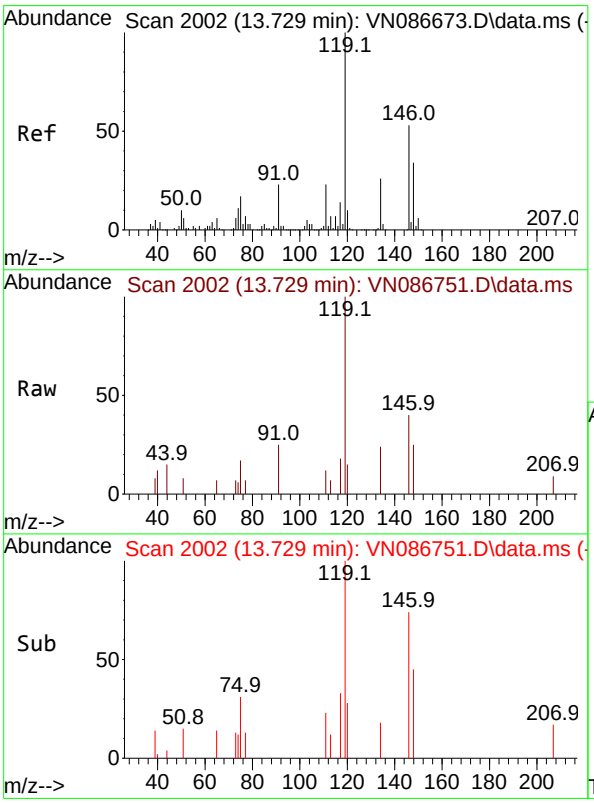
#86
p-Isopropyltoluene
Concen: 0.372 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:119 Resp: 3852

Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.1	39.1
91	20.1	11.5	34.5

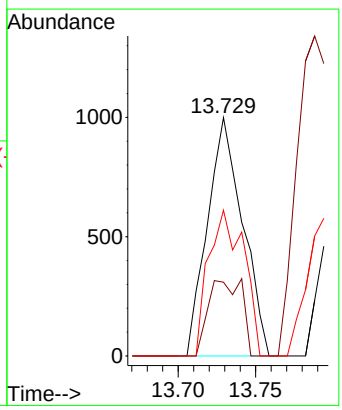


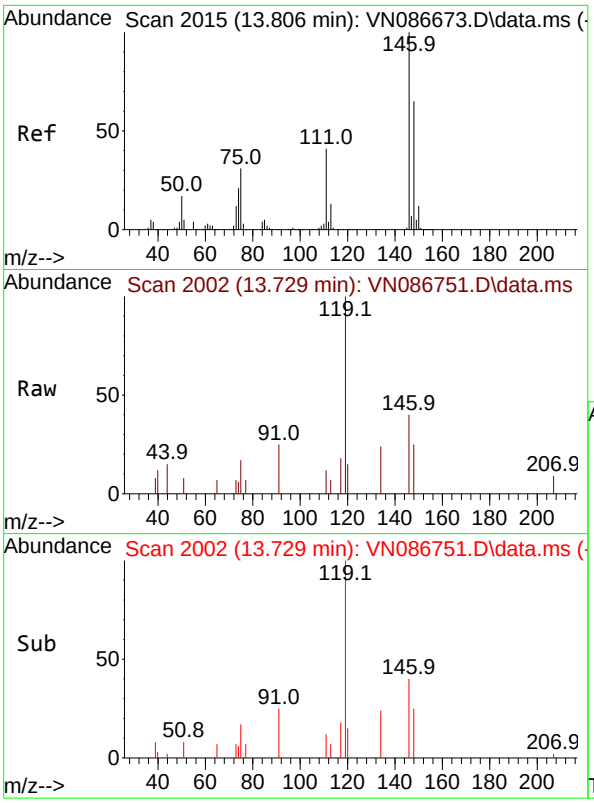


#87
1,3-Dichlorobenzene
Concen: 0.269 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:146 Resp: 1580

Ion	Ratio	Lower	Upper
146	100		
111	30.4	20.9	62.7
148	61.1	31.8	95.4



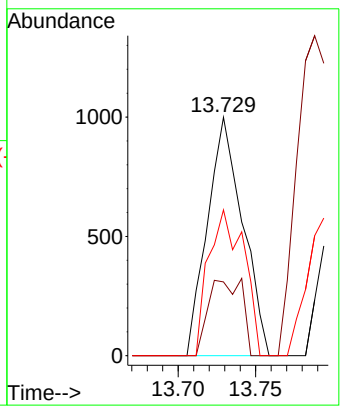


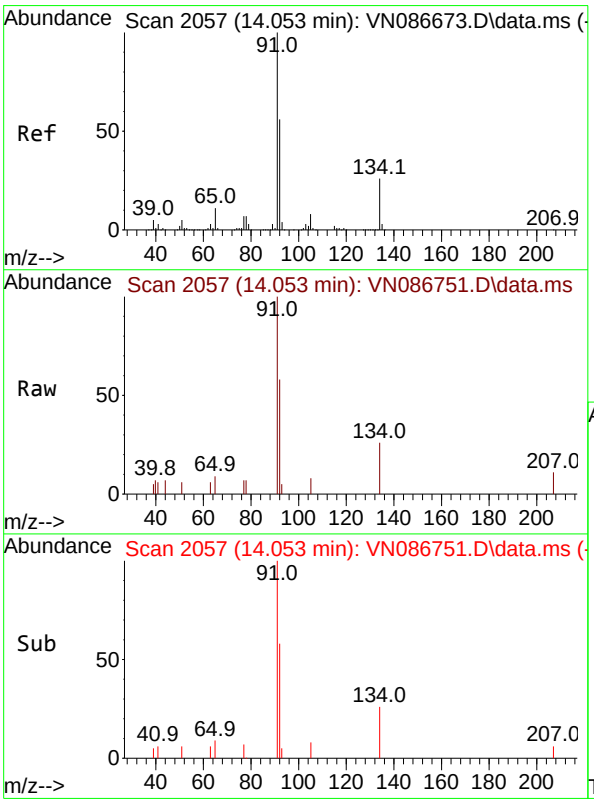
#88
1,4-Dichlorobenzene
Concen: 0.271 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.077 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:146 Resp: 1580

Ion	Ratio	Lower	Upper
146	100		
111	30.4	20.6	61.8
148	61.1	32.0	96.0

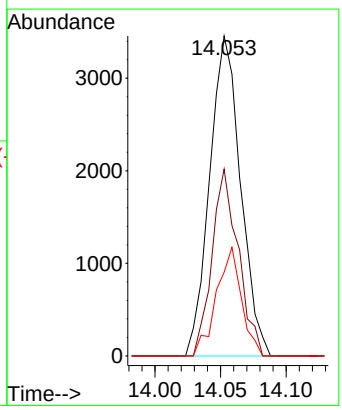


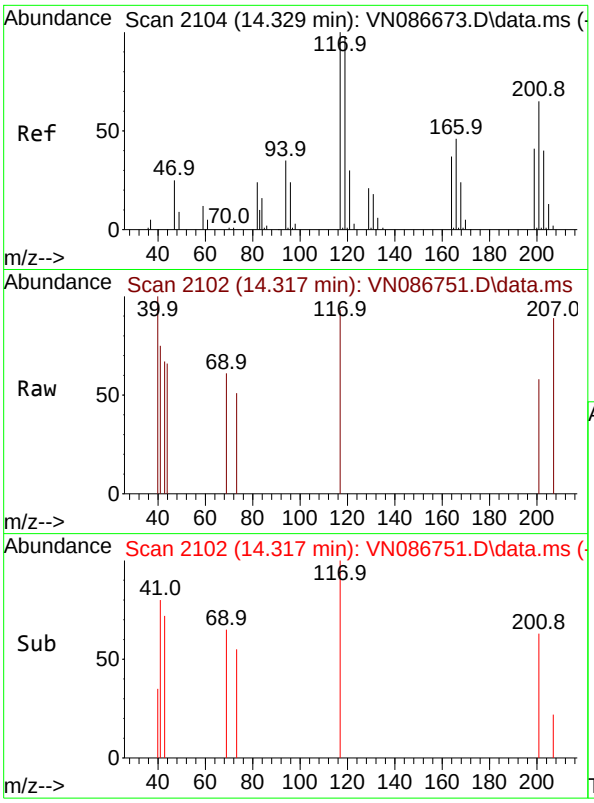


#89
n-Butylbenzene
Concen: 0.660 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion: 91 Resp: 5666

Ion	Ratio	Lower	Upper
91	100		
92	49.4	27.4	82.0
134	27.4	12.8	38.4



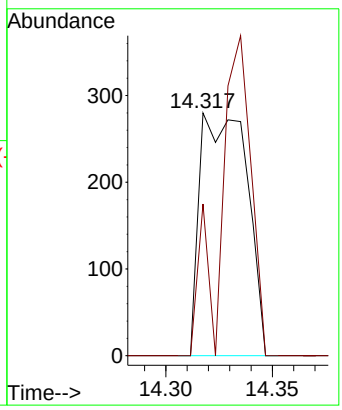


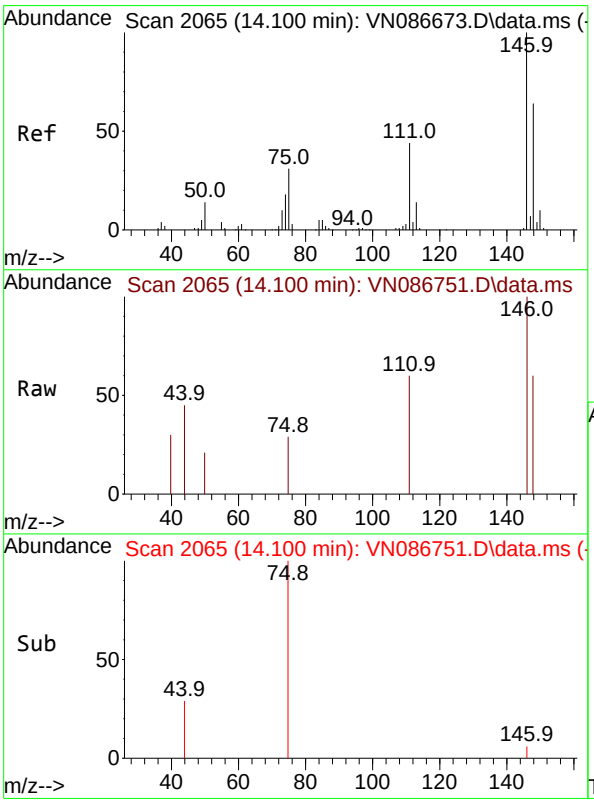
#90
Hexachloroethane
Concen: 0.251 ug/l
RT: 14.317 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:117 Resp: 431

Ion	Ratio	Lower	Upper
117	100		
201	85.6	32.0	96.0

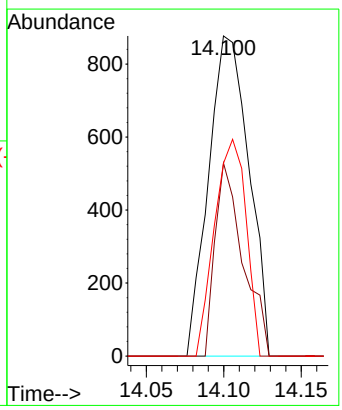


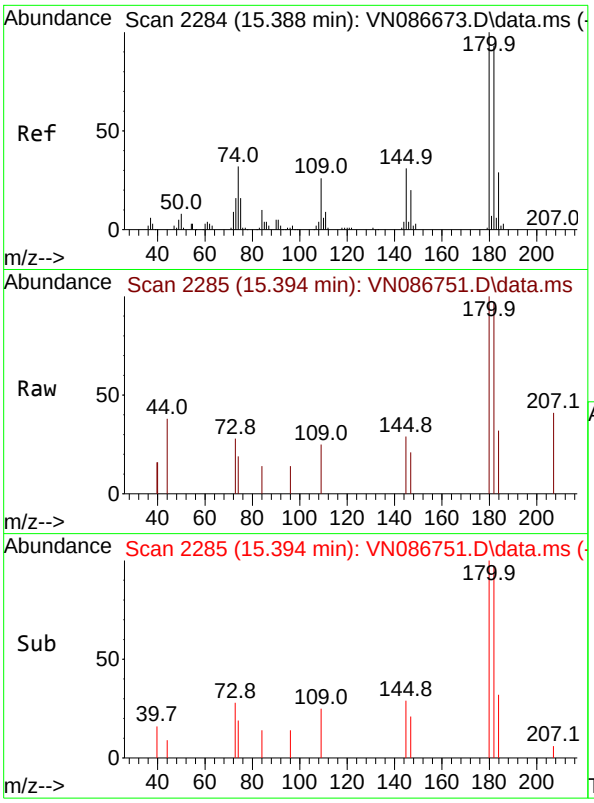


#91
1,2-Dichlorobenzene
Concen: 0.284 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:146 Resp: 1587

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.6	65.0
148	53.0	31.7	95.1



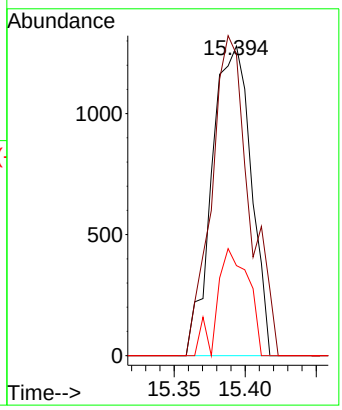


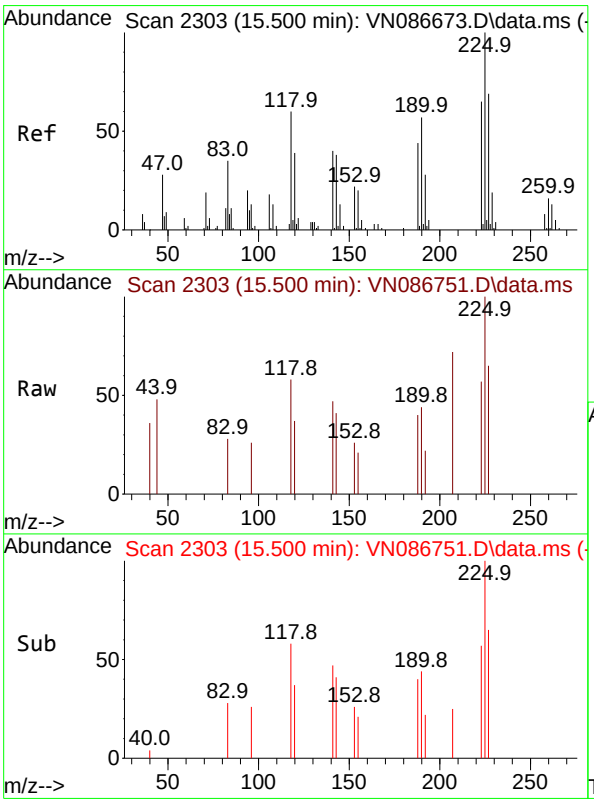
#93
1,2,4-Trichlorobenzene
Concen: 1.041 ug/l
RT: 15.394 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:180 Resp: 2457

Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.1	141.3
145	27.7	15.6	46.8

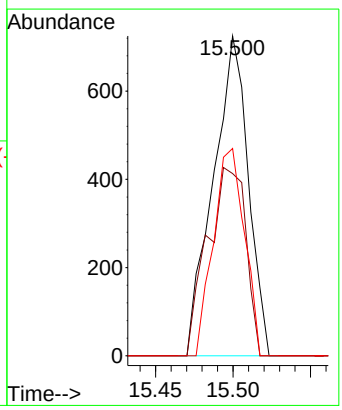


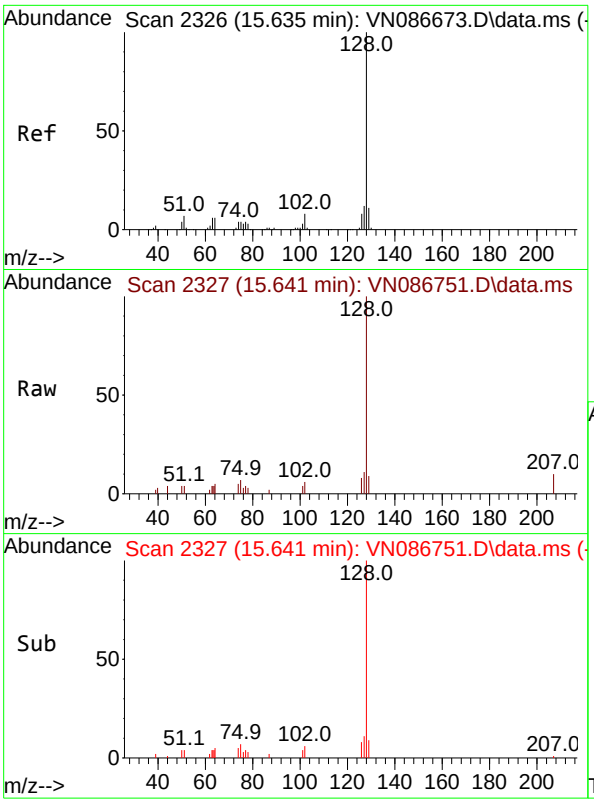


#94
Hexachlorobutadiene
Concen: 1.166 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:225 Resp: 1141

Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.9	98.6
227	57.2	32.4	97.2



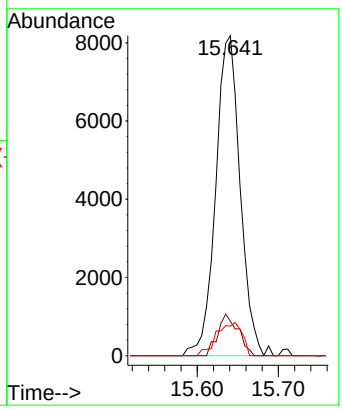


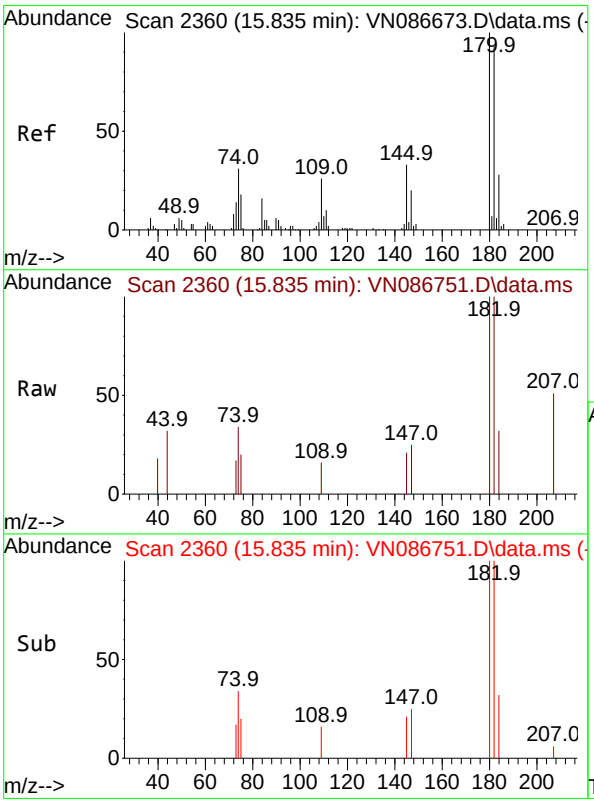
#95
Naphthalene
Concen: 2.092 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:128 Resp: 17138

Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.1	15.1
129	10.8	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.230 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086751.D
Acq: 22 May 2025 08:55

Tgt Ion:180 Resp: 2841

Ion	Ratio	Lower	Upper
180	100		
182	102.0	47.0	141.2
145	16.2	16.7	50.1#