Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086123.D
Acq On : 26 Mar 2025 13:59
Operator : JC\MD
Sample : Q1619-05ME
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: Mar 27 01:36:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.218	168	142851	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.094	114	251246	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	233145	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94660	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.571	65	106181	54.282	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.560%				
35) Dibromofluoromethane	8.159	113	93829	53.504	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%				
50) Toluene-d8	10.565	98	306566	48.167	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.340%				
62) 4-Bromofluorobenzene	12.847	95	92496	40.751	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 81.500%				
Target Compounds							Qvalue
3) Chloromethane	2.365	50	516	0.311	ug/l	#	61
5) Bromomethane	2.948	94	305	0.264	ug/l	#	4
10) Methyl Iodide	4.565	142	720	0.341	ug/l	#	38
17) Carbon Disulfide	4.677	76	1595	0.331	ug/l	#	74
18) Methyl Acetate	5.030	43	3780	2.556	ug/l	#	81
25) 2-Butanone	7.488	43	384	0.445	ug/l	#	40
29) Tetrahydrofuran	7.841	42	140	0.263	ug/l	#	24
31) Cyclohexane	8.212	56	2793	1.146	ug/l	#	21
36) 1,1-Dichloropropene	8.212	75	11755	5.091	ug/l	#	50
38) Carbon Tetrachloride	8.218	117	15219	5.013	ug/l	#	16
43) Isopropyl Acetate	8.653	43	6414	1.519	ug/l	#	50
51) 4-Methyl-2-Pentanone	10.441	43	480	0.258	ug/l	#	51
59) 2-Hexanone	11.206	43	735	0.542	ug/l		70
68) m/p-Xylenes	12.065	106	690	0.206	ug/l	#	57
76) 1,2,3-Trichloropropane	12.847	75	45754	21.590	ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	45754	57.079	ug/l	#	16
87) 1,3-Dichlorobenzene	13.735	146	737	0.227	ug/l		79
88) 1,4-Dichlorobenzene	13.735	146	737	0.216	ug/l		79
89) n-Butylbenzene	14.065	91	1465	0.349	ug/l		80
91) 1,2-Dichlorobenzene	14.100	146	812	0.251	ug/l		84
93) 1,2,4-Trichlorobenzene	15.400	180	1096	0.675	ug/l	#	84
94) Hexachlorobutadiene	15.506	225	774	0.821	ug/l		81
95) Naphthalene	15.641	128	5035	1.071	ug/l	#	95
96) 1,2,3-Trichlorobenzene	15.835	180	1208	0.784	ug/l		80

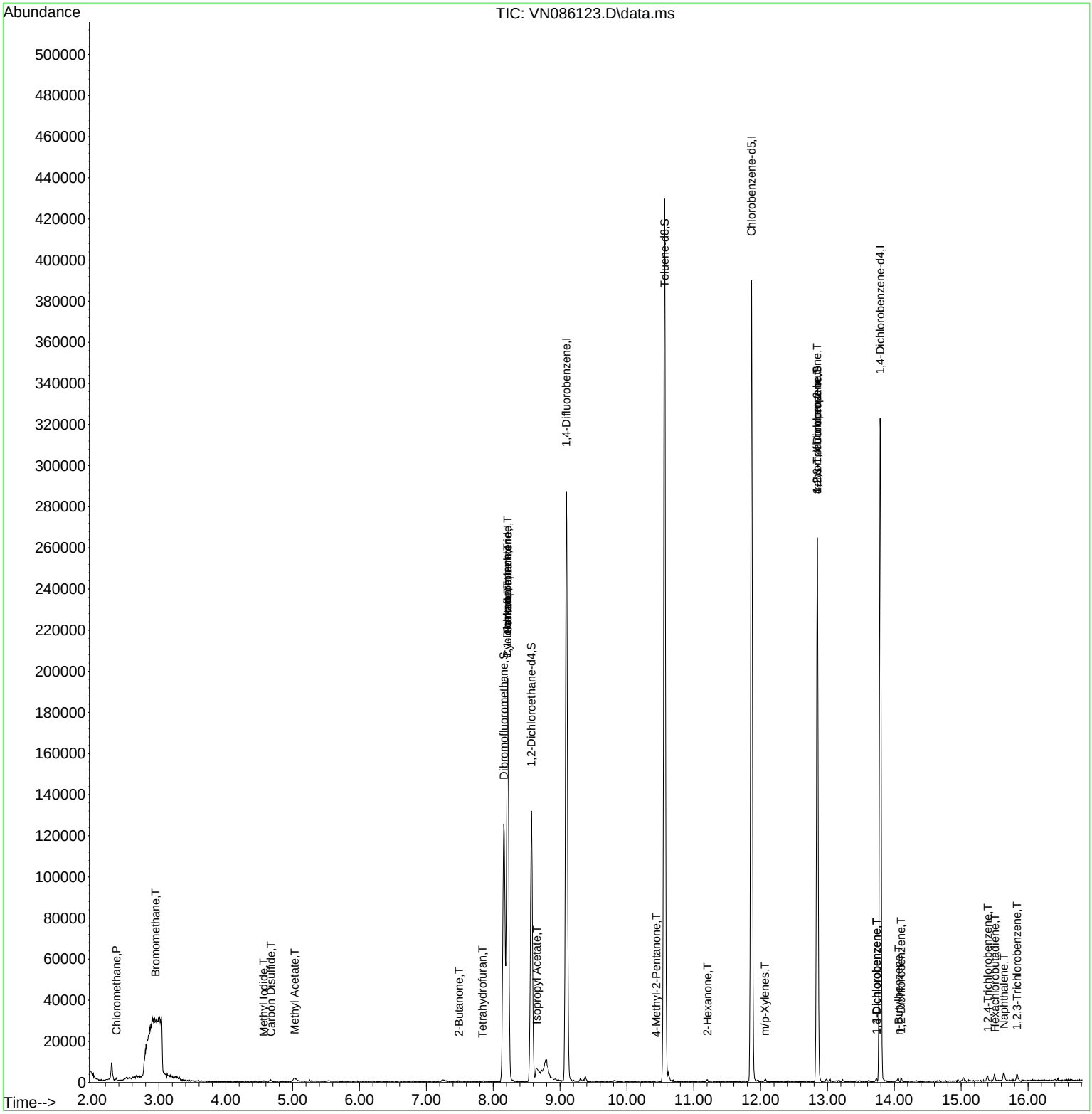
(#) = qualifier out of range (m) = manual integration (+) = signals summed

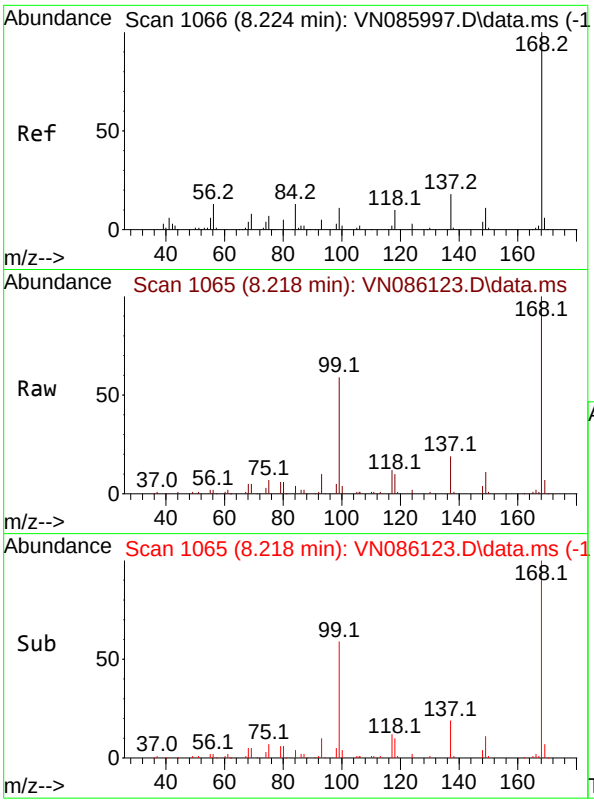
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086123.D
Acq On : 26 Mar 2025 13:59
Operator : JC\MD
Sample : Q1619-05ME
Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: Mar 27 01:36:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration



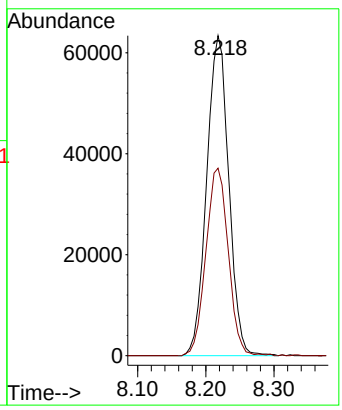


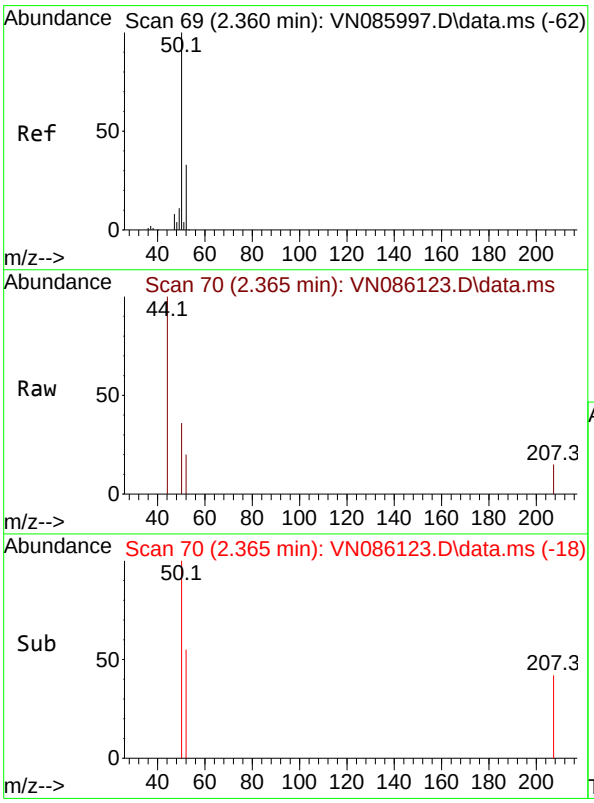
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 142851

Ion	Ratio	Lower	Upper
168	100		
99	58.6	49.4	74.2

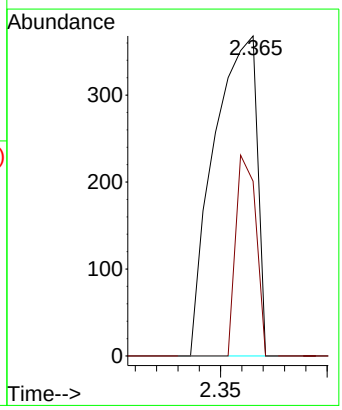


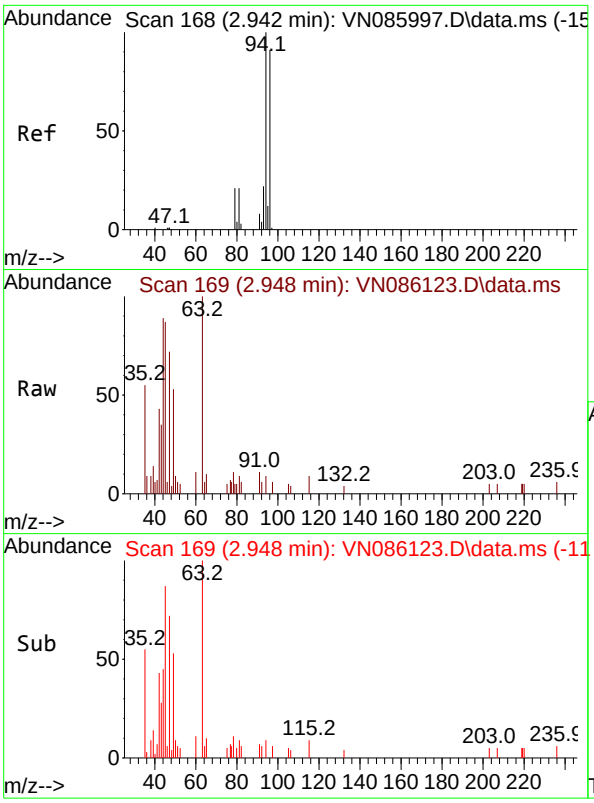


#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 50 Resp: 516

Ion	Ratio	Lower	Upper
50	100		
52	54.6	26.0	39.0#



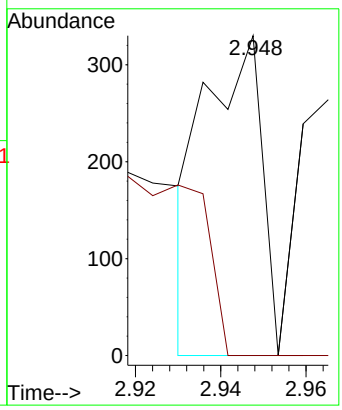


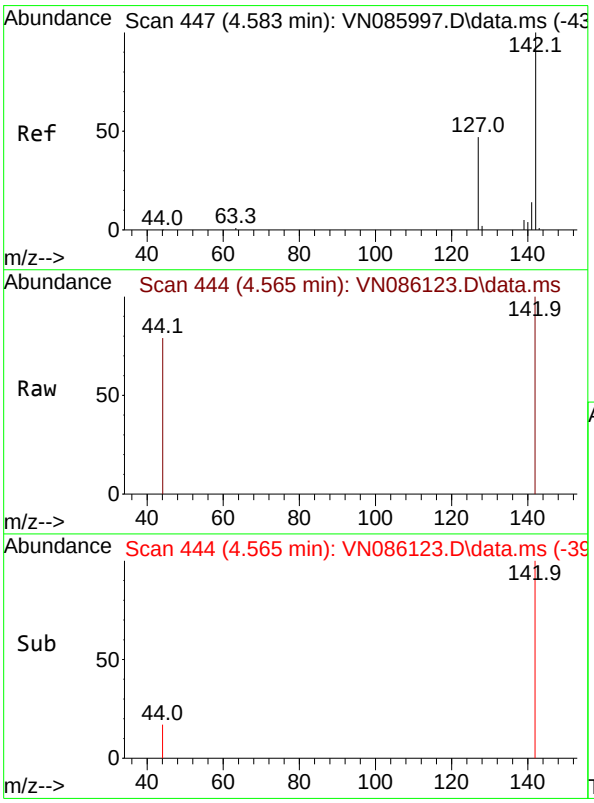
#5
Bromomethane
Concen: 0.264 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 94 Resp: 305

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.8	109.2#

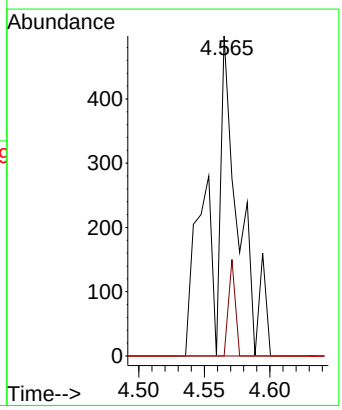


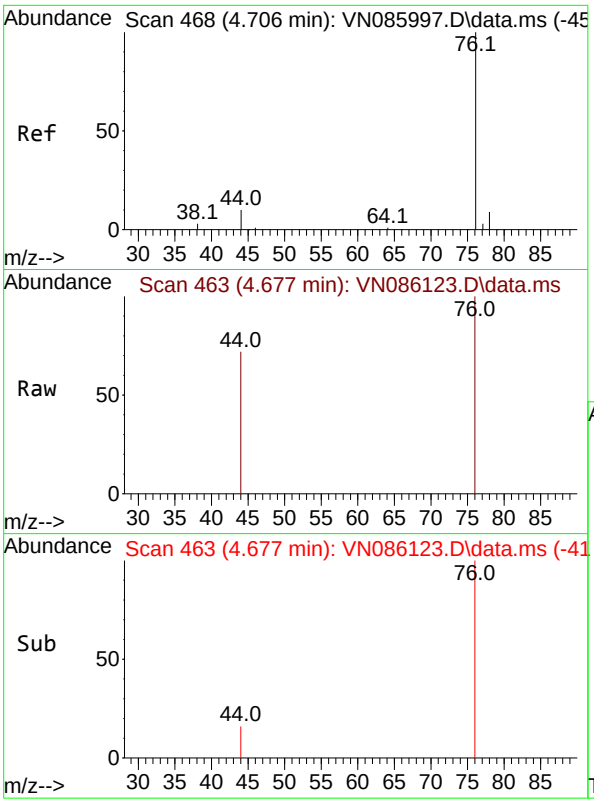


#10
Methyl Iodide
Concen: 0.341 ug/l
RT: 4.565 min Scan# 444
Delta R.T. -0.018 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:142 Resp: 720

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.5	56.3#
141	0.0	11.0	16.6#



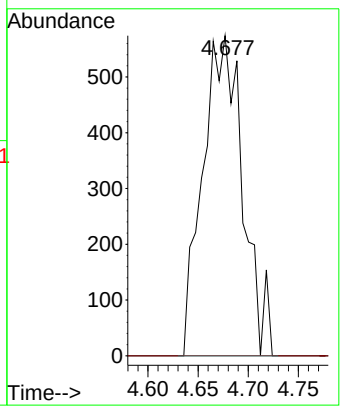


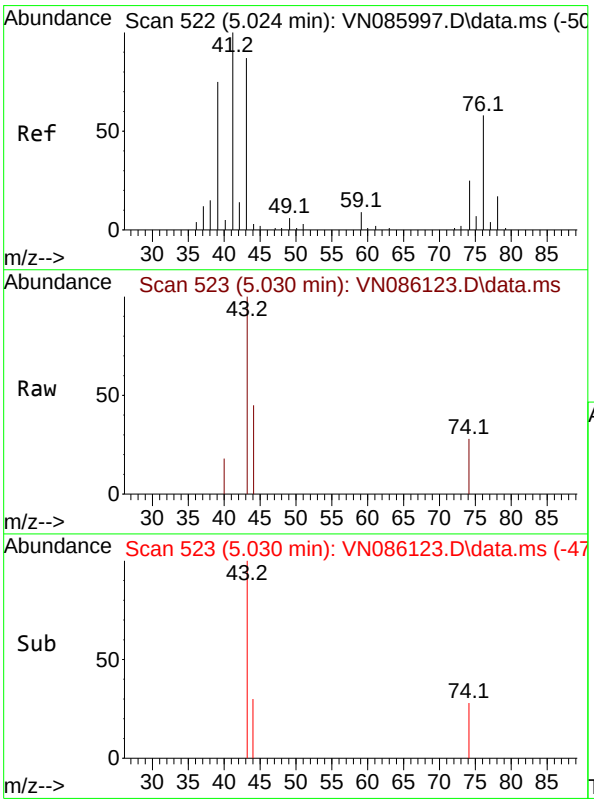
#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 4.677 min Scan# 4
Delta R.T. -0.030 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 76 Resp: 1595

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

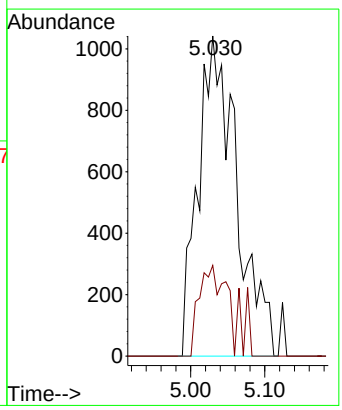


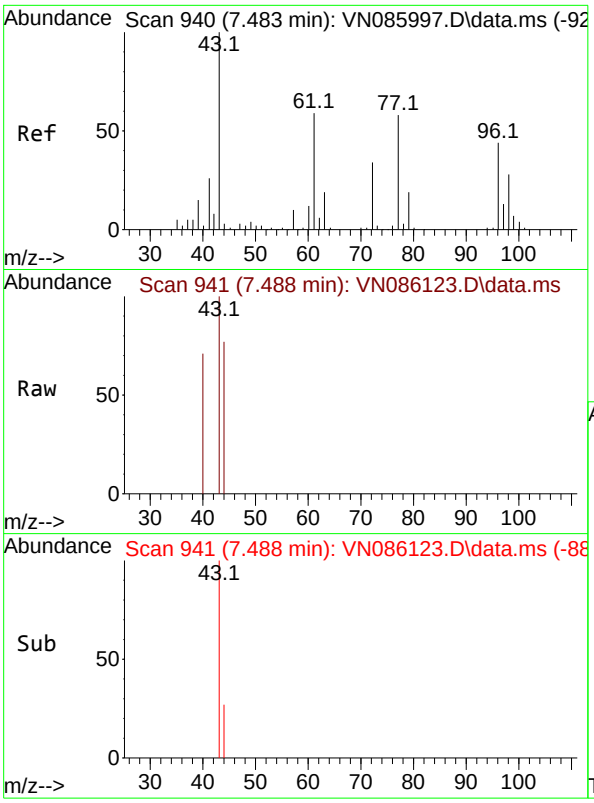


#18
Methyl Acetate
Concen: 2.556 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 43 Resp: 3780

Ion	Ratio	Lower	Upper
43	100		
74	19.4	23.9	35.9#



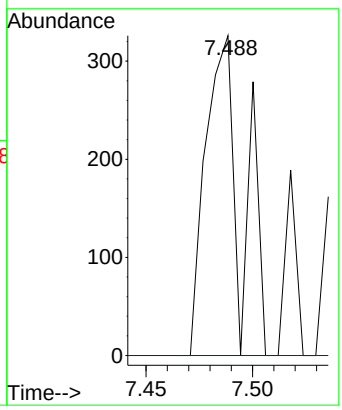


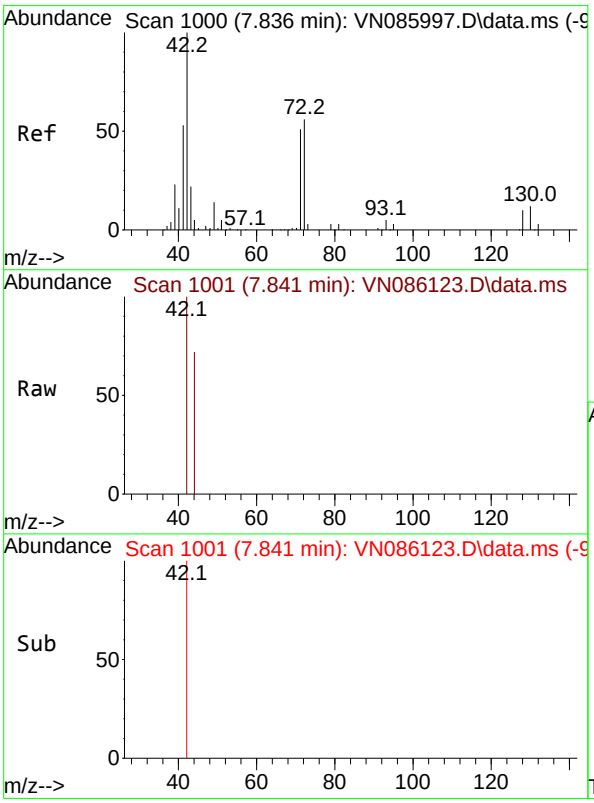
#25
2-Butanone
Concen: 0.445 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 384

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.4	41.0#

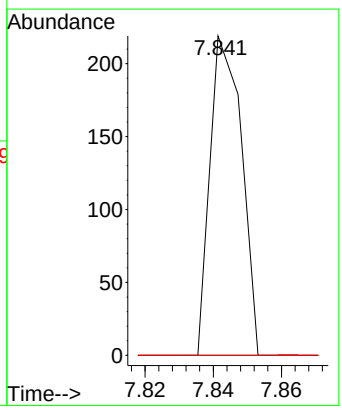


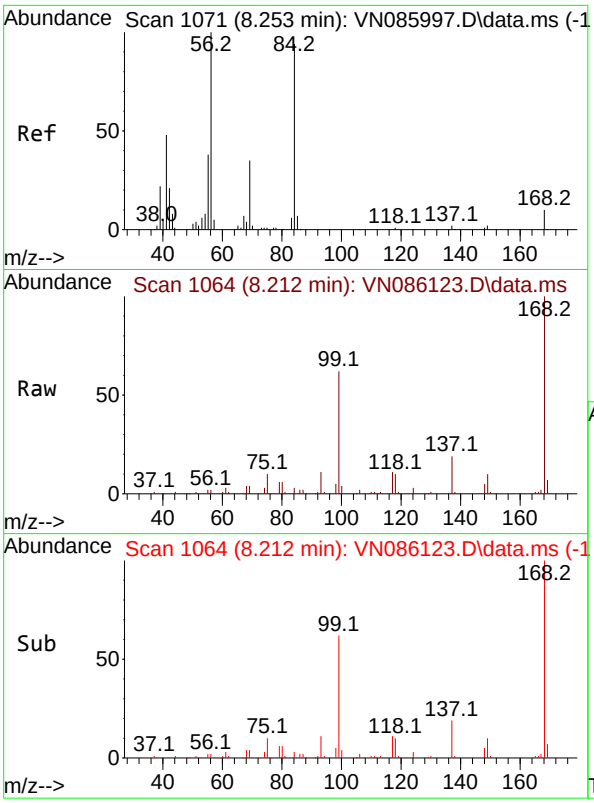


#29
Tetrahydrofuran
Concen: 0.263 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 42 Resp: 140

Ion	Ratio	Lower	Upper
42	100		
72	0.0	45.0	67.4#
71	0.0	41.9	62.9#



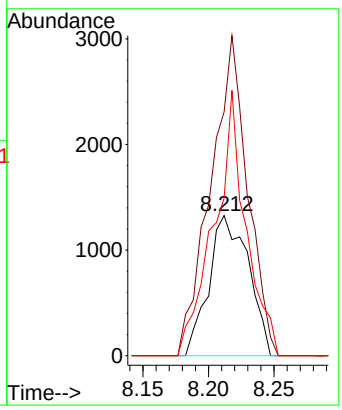


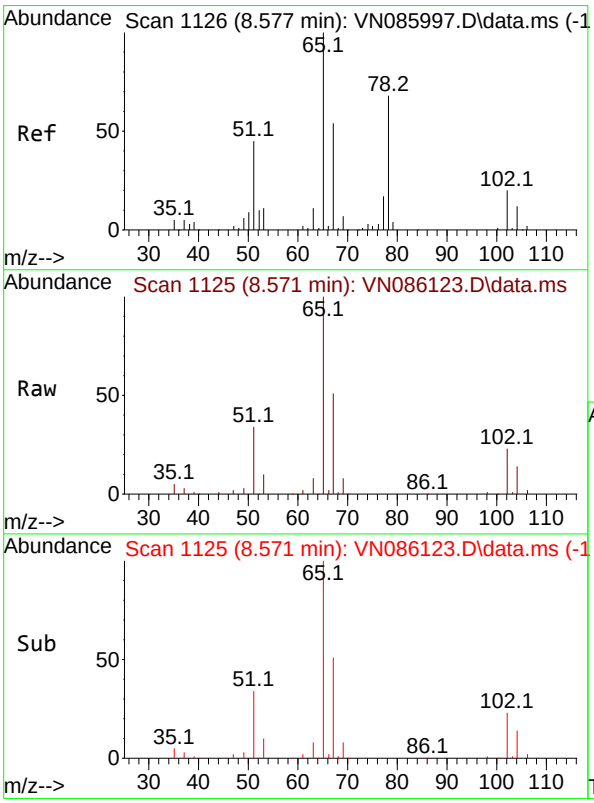
#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 56 Resp: 2793

Ion	Ratio	Lower	Upper
56	100		
69	173.9	28.0	42.0#
84	112.4	75.0	112.6

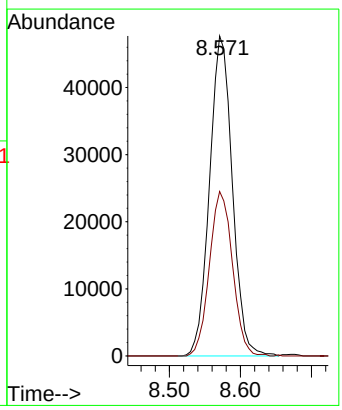


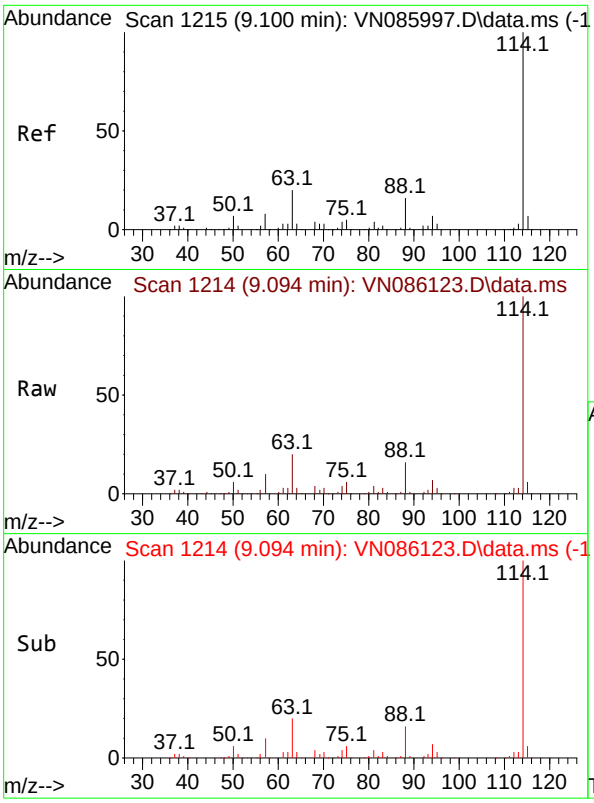


#33
1,2-Dichloroethane-d4
Concen: 54.282 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 65 Resp: 106181

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.2



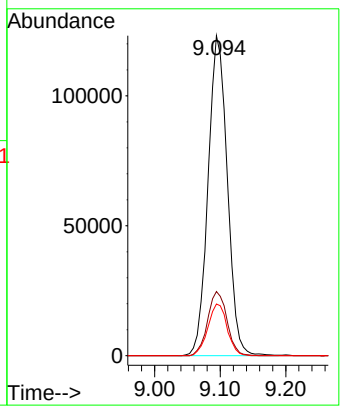


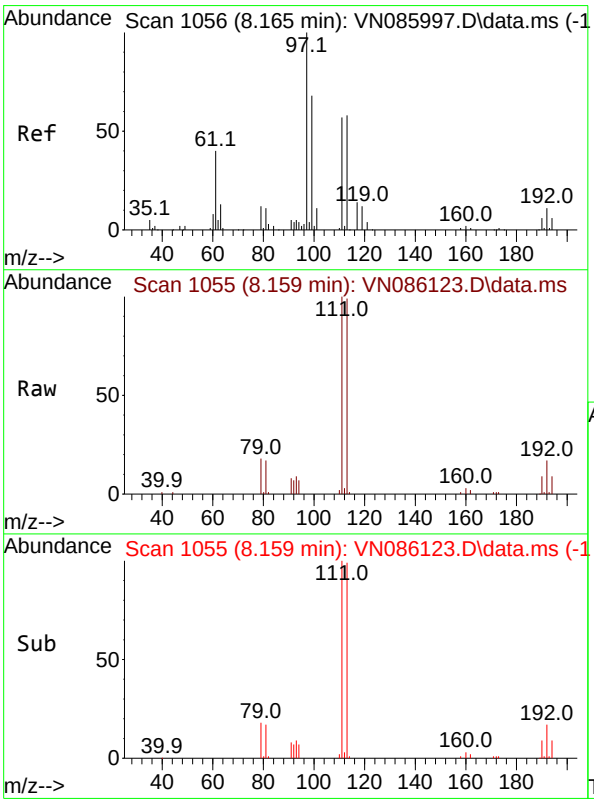
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:114 Resp: 251246

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	16.2	0.0	32.6

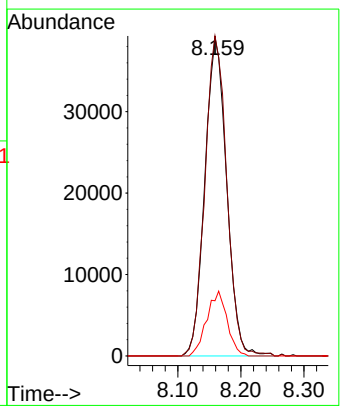


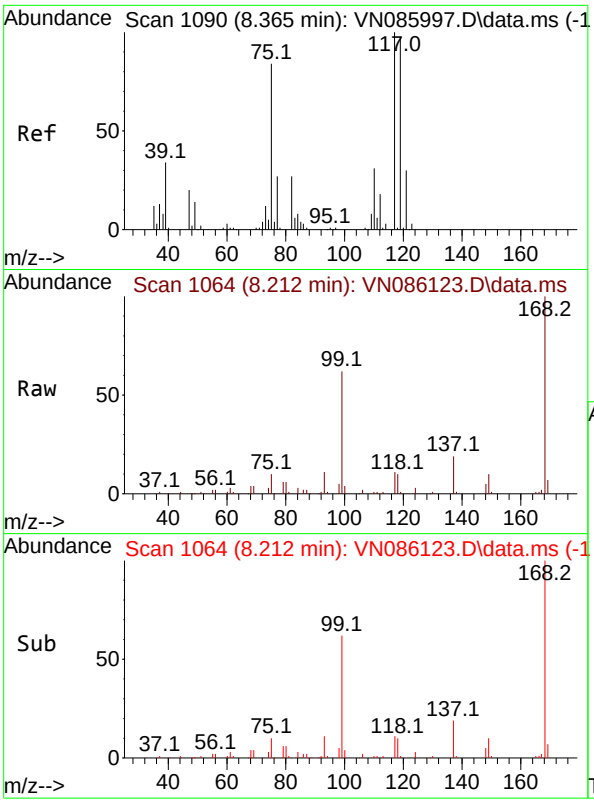


#35
Dibromofluoromethane
Concen: 53.504 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:113 Resp: 93829

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.8
192	19.1	15.9	23.9



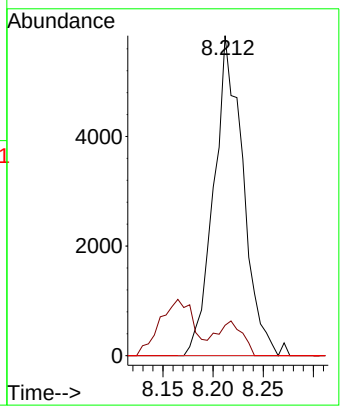


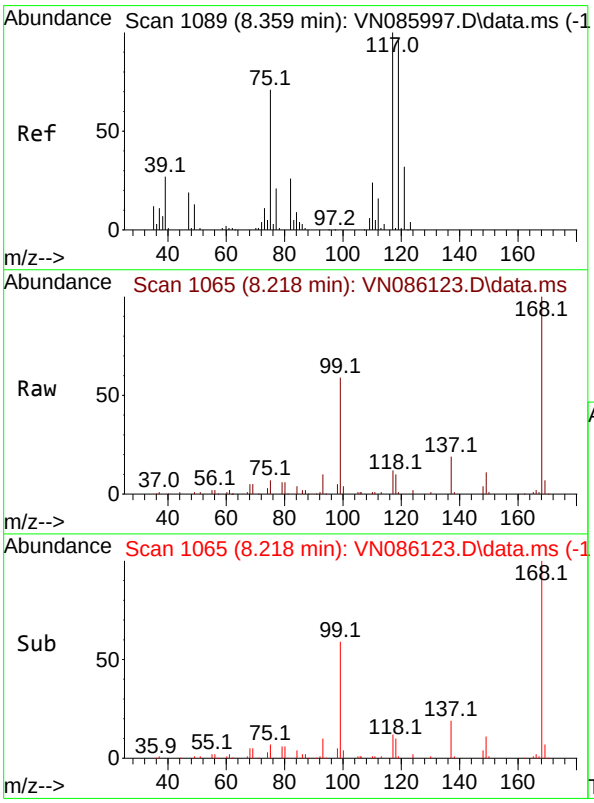
#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 11755

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.8	53.3#
77	0.0	25.0	37.4#

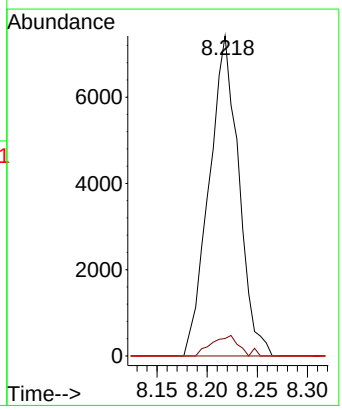


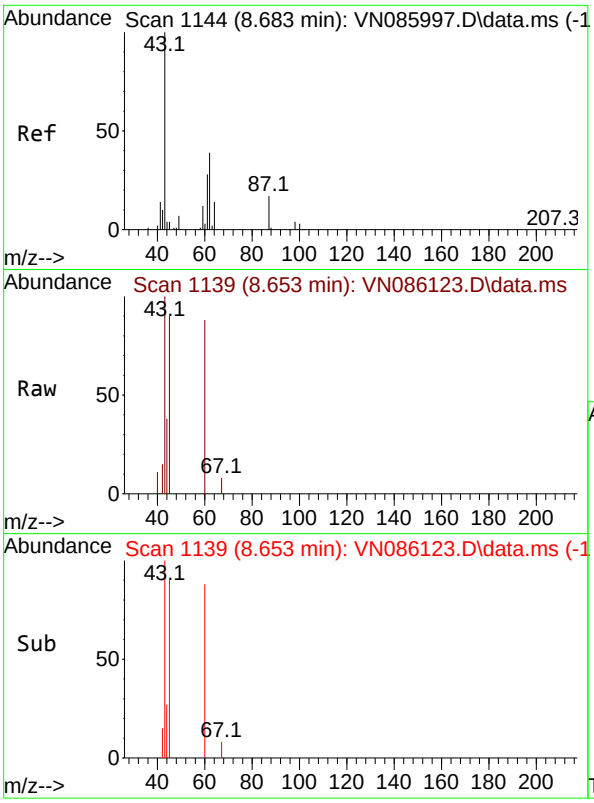


#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:117 Resp: 15219

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.0	115.4#
121	0.0	25.6	38.4#



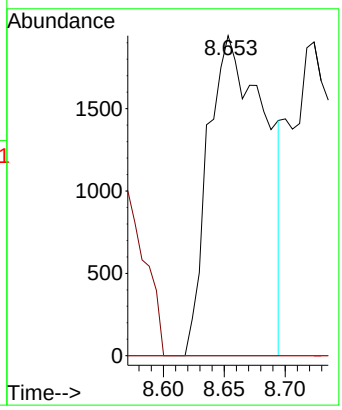


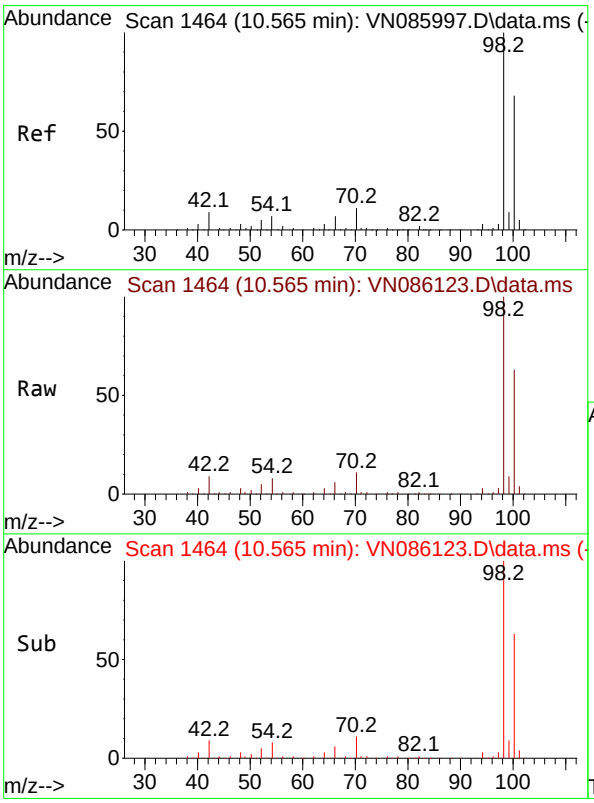
#43
Isopropyl Acetate
Concen: 1.519 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 6414

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.0	37.6#
87	0.0	13.0	19.4#

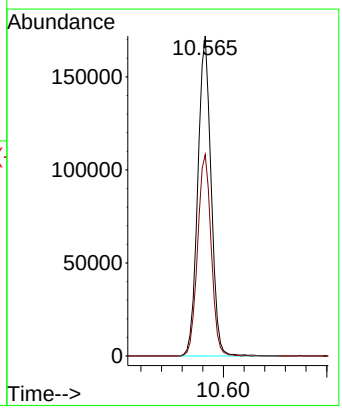


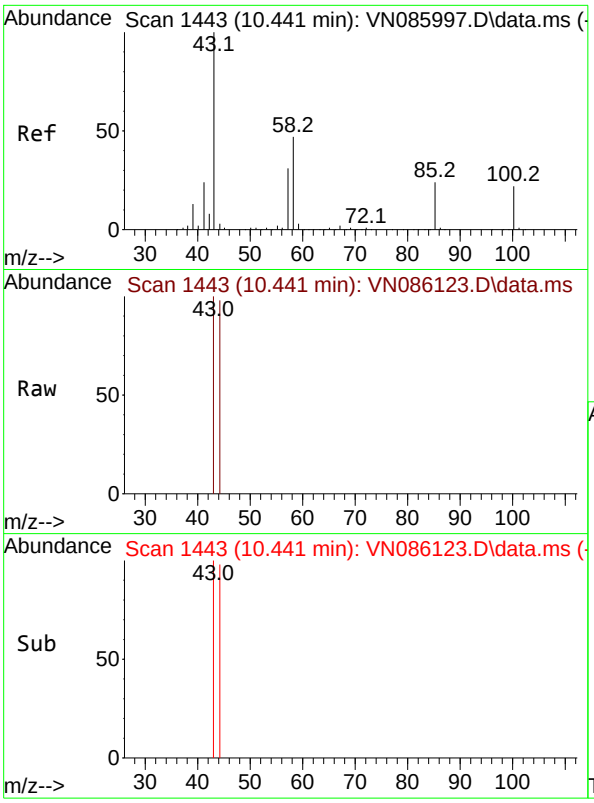


#50
Toluene-d8
Concen: 48.167 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 98 Resp: 306566

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.1	79.7



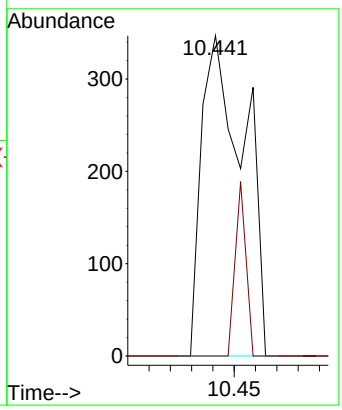


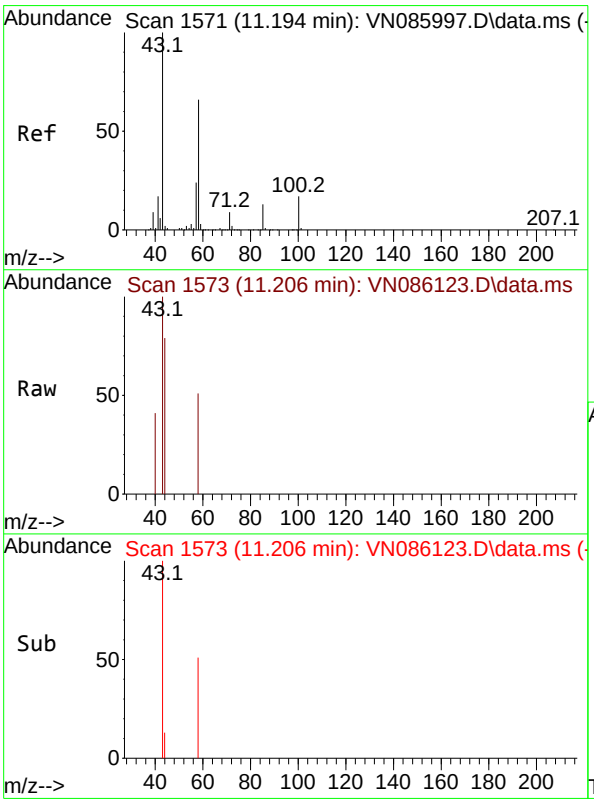
#51
4-Methyl-2-Pentanone
Concen: 0.258 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 480

Ion	Ratio	Lower	Upper
43	100		
58	14.0	37.4	56.0#

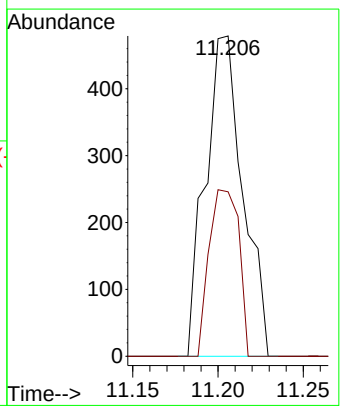


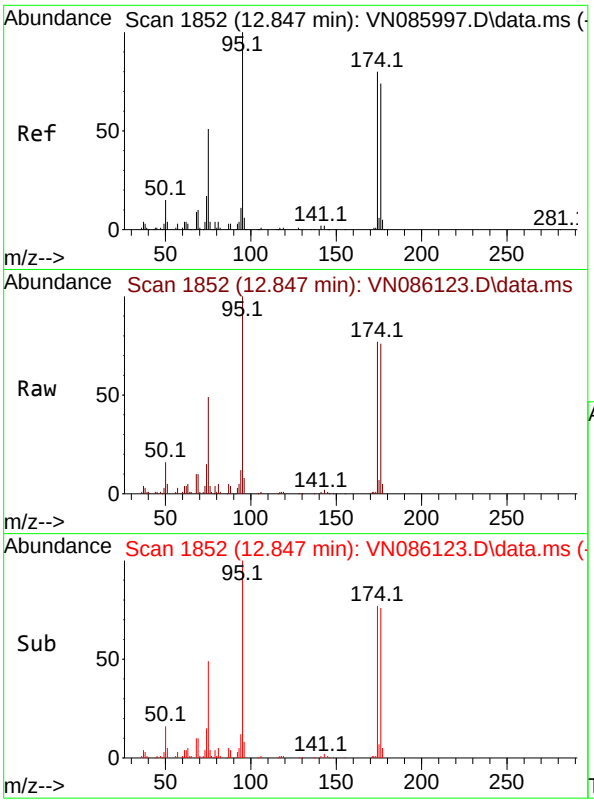


#59
2-Hexanone
Concen: 0.542 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 43 Resp: 735

Ion	Ratio	Lower	Upper
43	100		
58	41.1	32.4	97.2



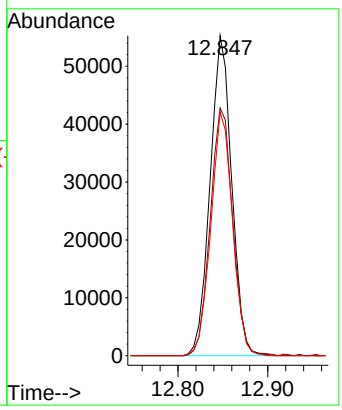


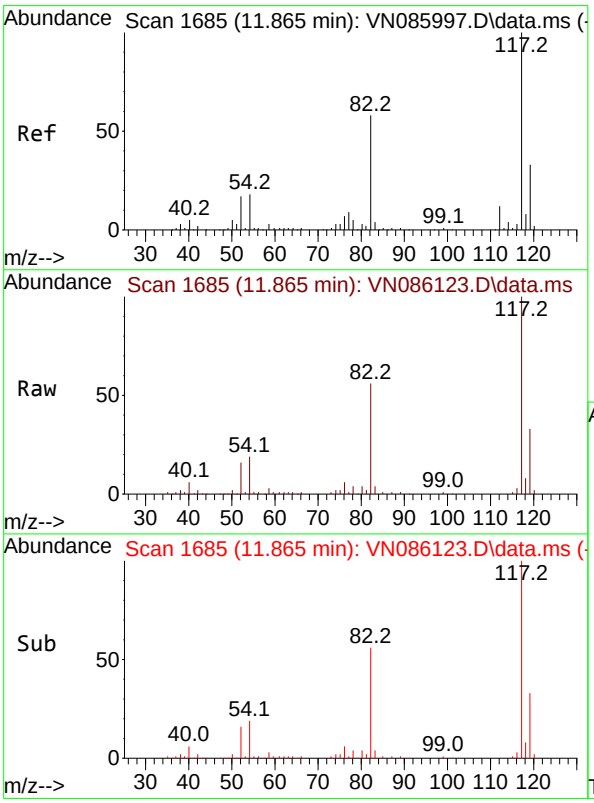
#62
4-Bromofluorobenzene
Concen: 40.751 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 92496

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	156.8
176	76.4	0.0	152.2

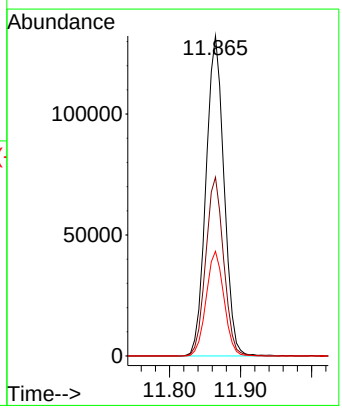


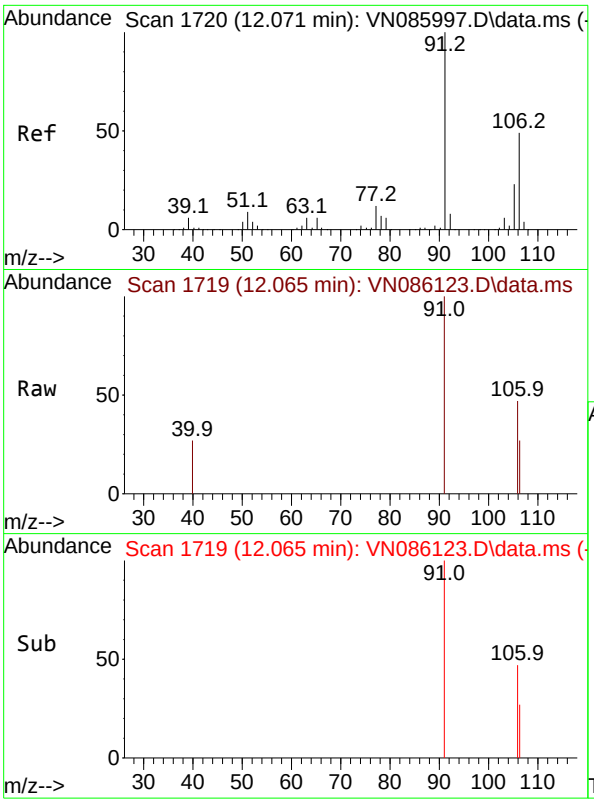


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:117 Resp: 233145

Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.7	70.1
119	32.7	26.5	39.7



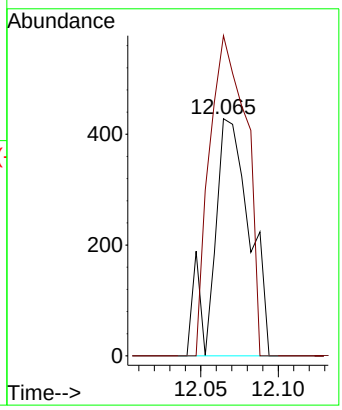


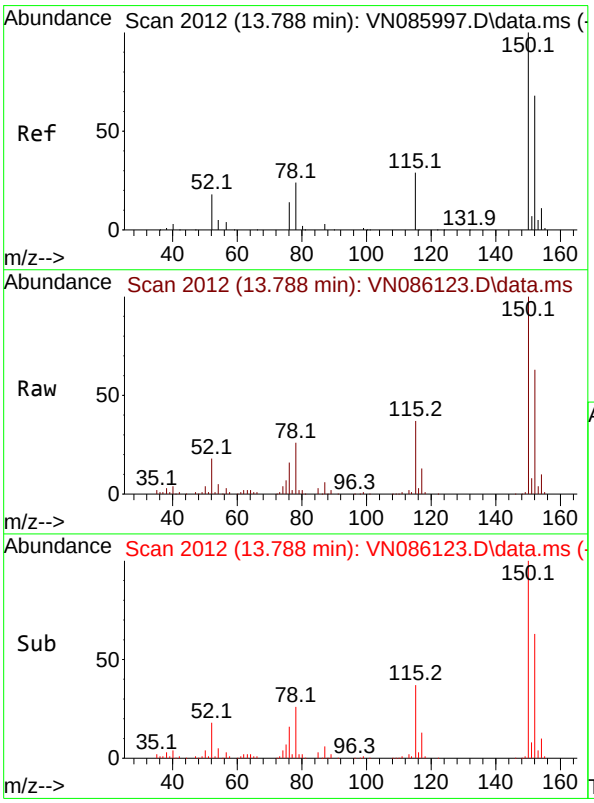
#68
m/p-Xylenes
Concen: 0.206 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:106 Resp: 690

Ion	Ratio	Lower	Upper
106	100		
91	138.3	163.9	245.9#

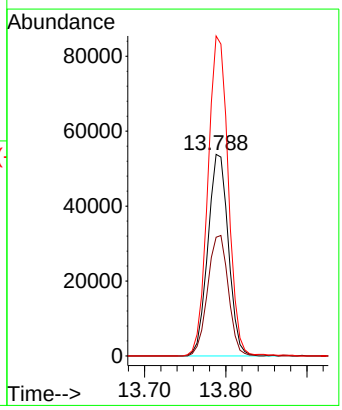


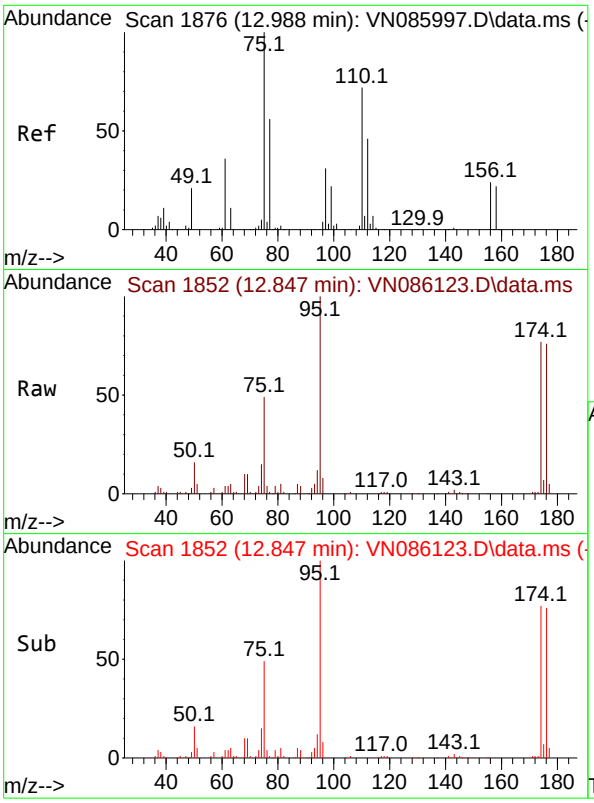


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:152 Resp: 94660

Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.1	93.2
150	157.2	0.0	359.6



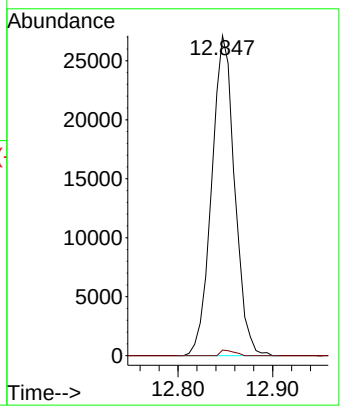


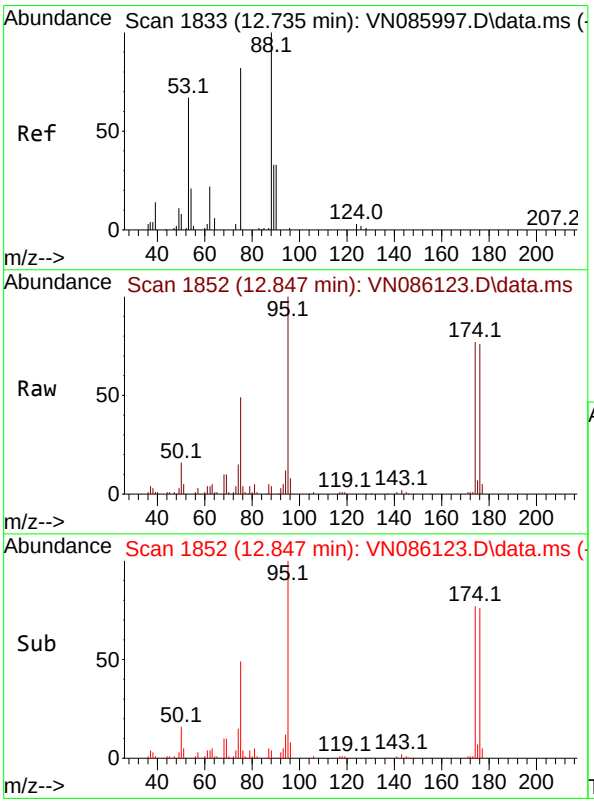
#76
1,2,3-Trichloropropane
Concen: 21.590 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 45754

Ion	Ratio	Lower	Upper
75	100		
77	1.1	83.7	251.0#

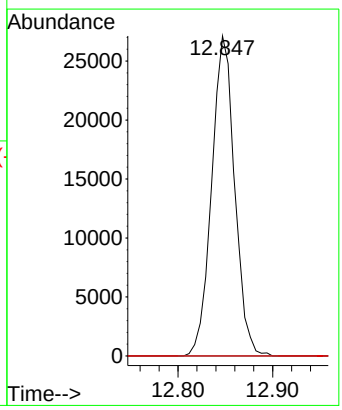


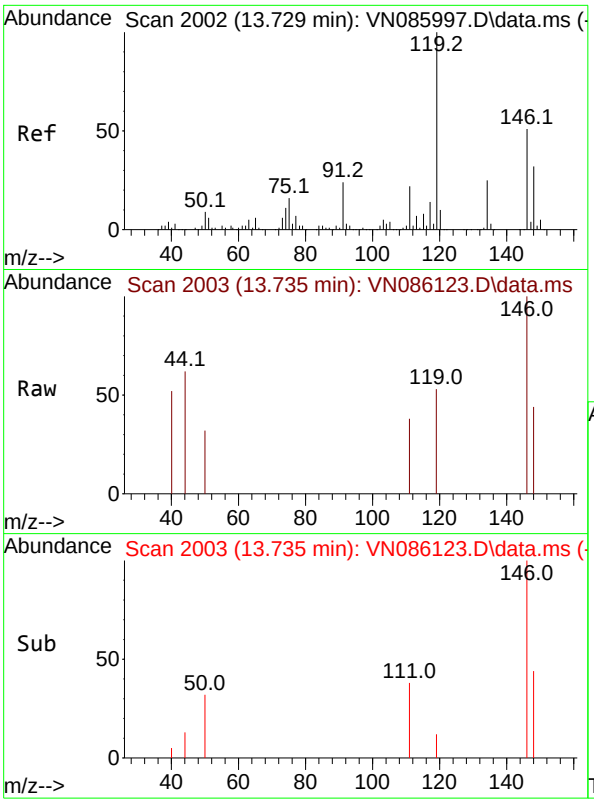


#81
trans-1,4-Dichloro-2-butene
Concen: 57.079 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion: 75 Resp: 45754

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.0	99.0#
89	0.0	36.9	55.3#



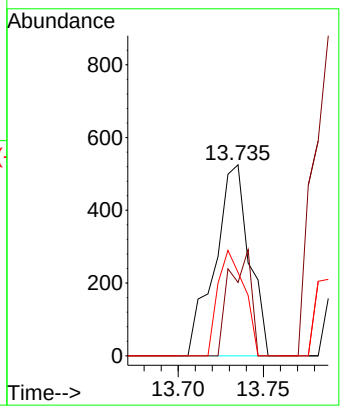


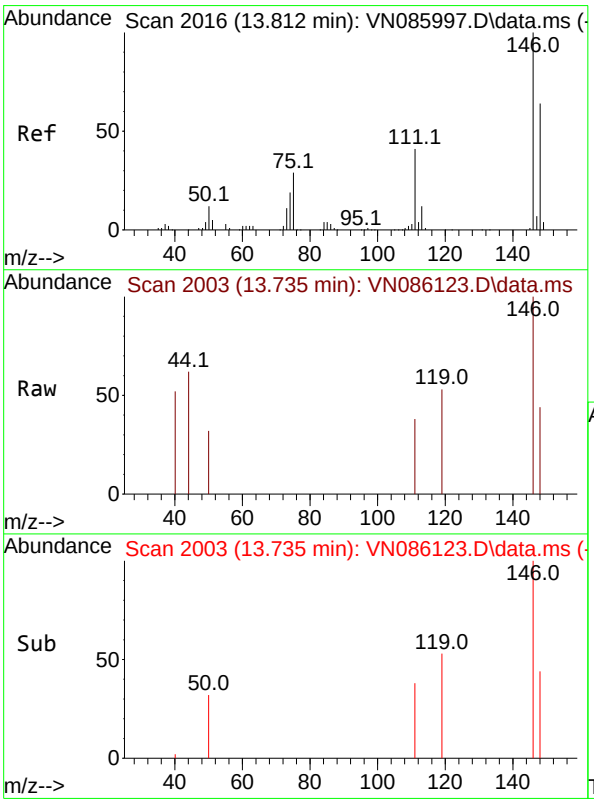
#87
1,3-Dichlorobenzene
Concen: 0.227 ug/l
RT: 13.735 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:146 Resp: 737

Ion	Ratio	Lower	Upper
146	100		
111	35.1	21.2	63.6
148	42.3	31.8	95.4

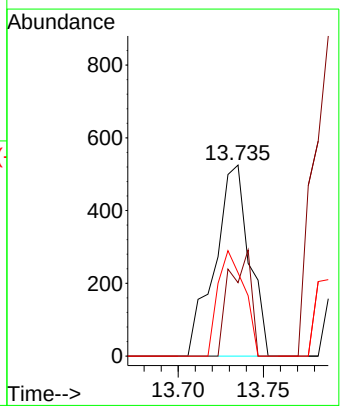


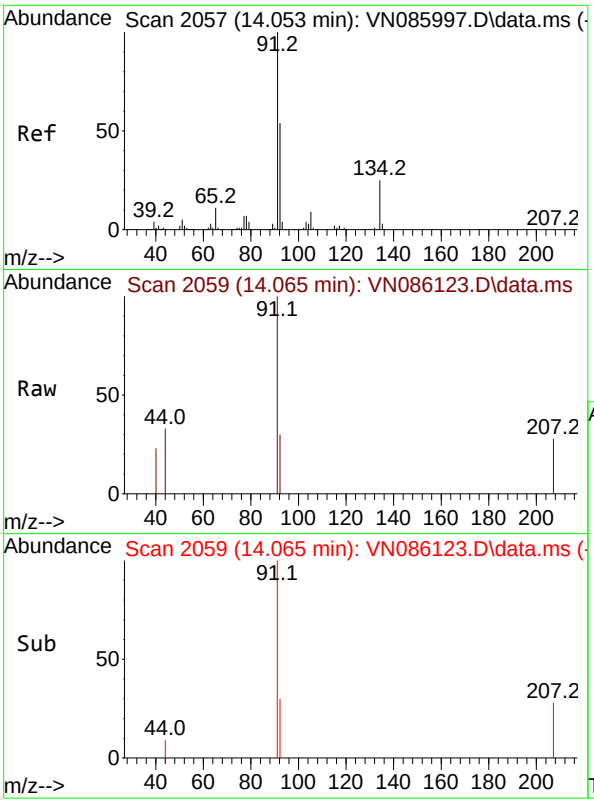


#88
1,4-Dichlorobenzene
Concen: 0.216 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.077 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:146 Resp: 737

Ion	Ratio	Lower	Upper
146	100		
111	35.1	20.4	61.3
148	42.3	32.1	96.5



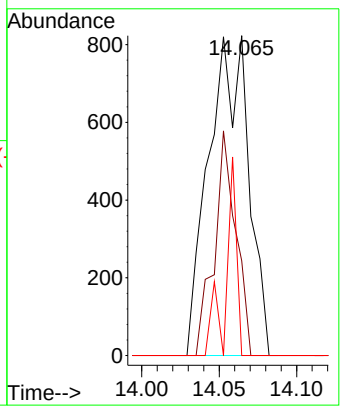


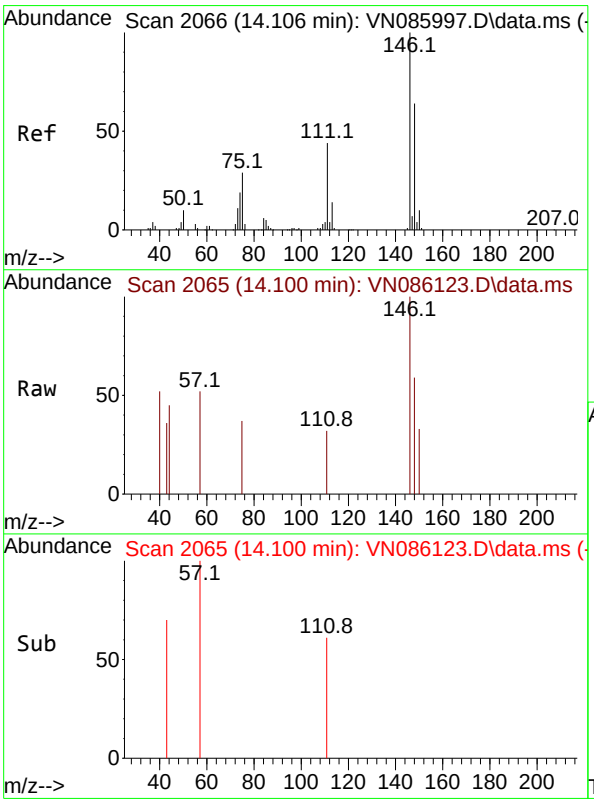
#89
n-Butylbenzene
Concen: 0.349 ug/l
RT: 14.065 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 91 Resp: 1465

Ion	Ratio	Lower	Upper
91	100		
92	38.2	26.9	80.6
134	16.9	13.0	39.0

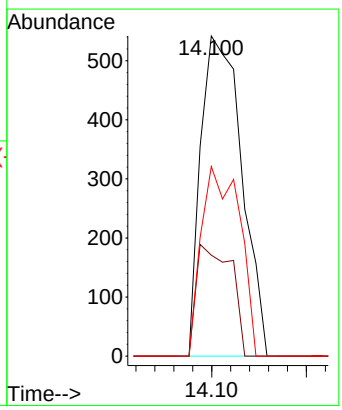


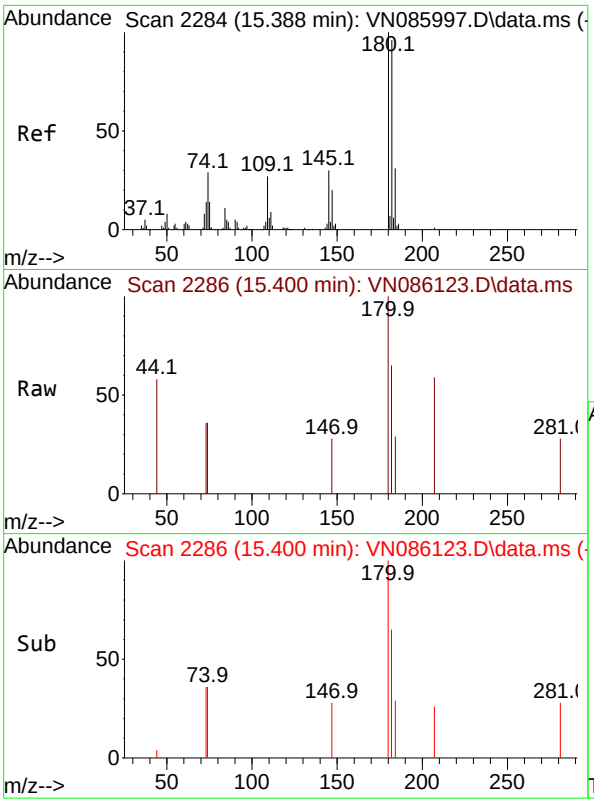


#91
1,2-Dichlorobenzene
Concen: 0.251 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:146 Resp: 812

Ion	Ratio	Lower	Upper
146	100		
111	29.6	22.3	66.8
148	55.5	32.1	96.5



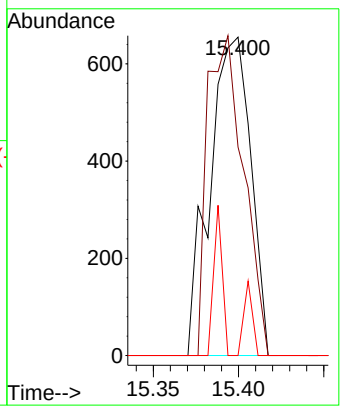


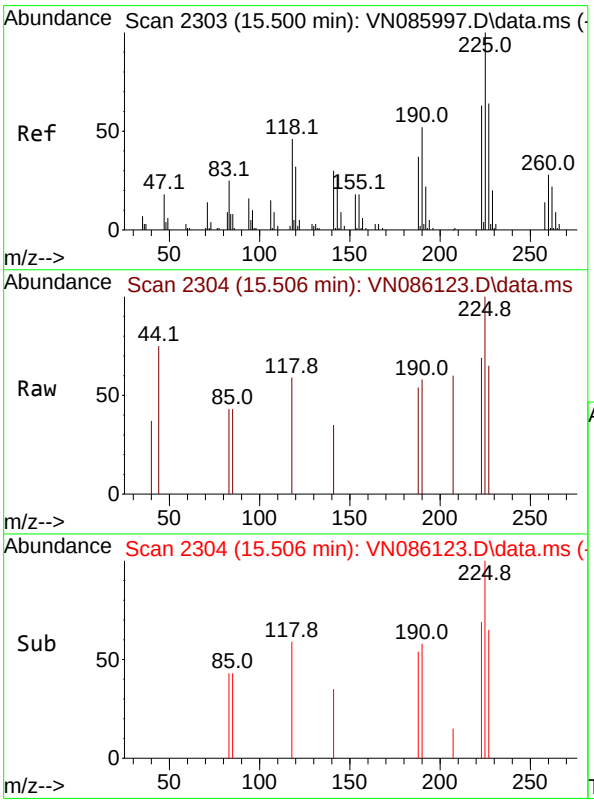
#93
1,2,4-Trichlorobenzene
Concen: 0.675 ug/l
RT: 15.400 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:180 Resp: 1096

Ion	Ratio	Lower	Upper
180	100		
182	88.8	47.0	141.0
145	4.9	15.5	46.5#

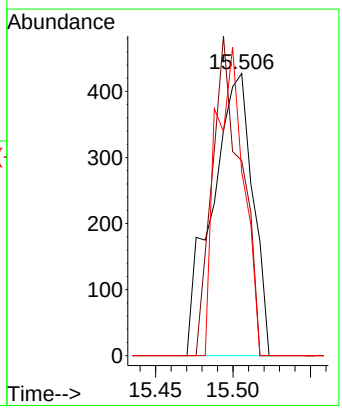


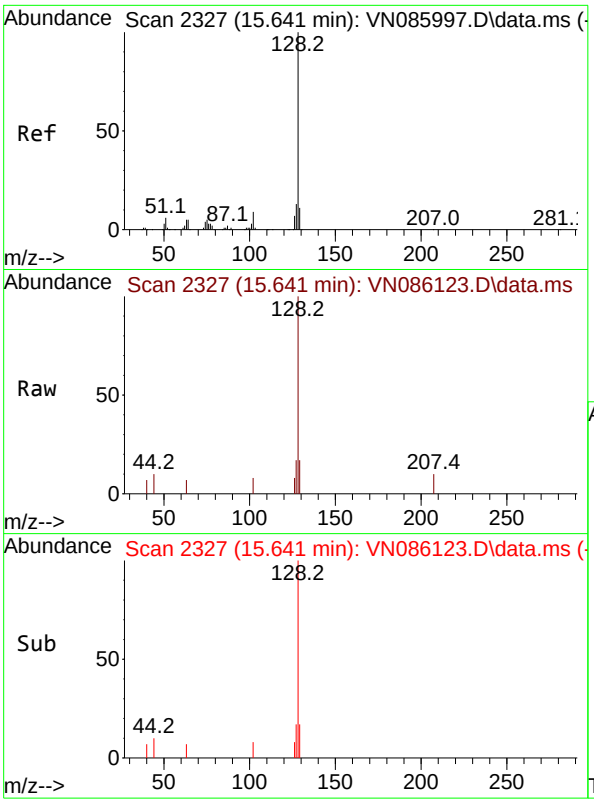


#94
Hexachlorobutadiene
Concen: 0.821 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:225 Resp: 774

Ion	Ratio	Lower	Upper
225	100		
223	80.9	31.3	93.9
227	75.6	32.1	96.3



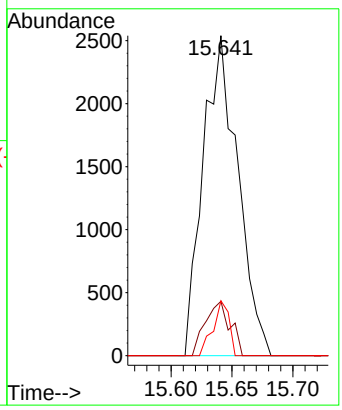


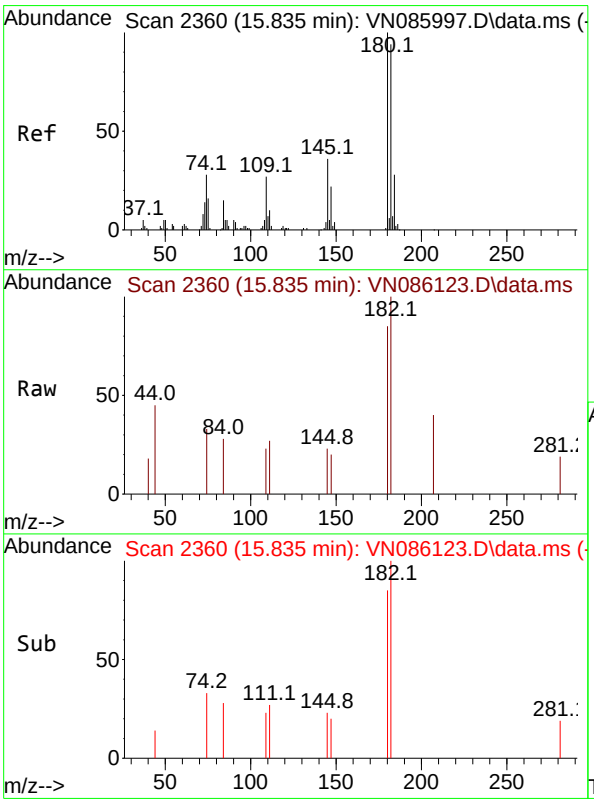
#95
Naphthalene
Concen: 1.071 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:128 Resp: 5035

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	7.9	9.0	13.6#





#96
1,2,3-Trichlorobenzene
Concen: 0.784 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086123.D
Acq: 26 Mar 2025 13:59

Tgt Ion:180 Resp: 1208

Ion	Ratio	Lower	Upper
180	100		
182	119.8	47.5	142.5
145	37.9	17.7	53.1