Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
Data File : VN086771.D
Acq On : 23 May 2025 12:16
Operator : JC\MD
Sample : Q2115-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Quant Time: May 24 02:31:58 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	247918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	449647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	204624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153536	44.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 89.640%			
35) Dibromofluoromethane	8.165	113	139491	50.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	10.565	98	582571	51.097	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.200%			
62) 4-Bromofluorobenzene	12.847	95	216994	53.901	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.800%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1565	0.386	ug/l	98
5) Bromomethane	2.971	94	883	0.421	ug/l	94
13) Acrolein	4.183	56	719	1.078	ug/l #	58
16) Acetone	4.424	43	44881	35.023	ug/l	90
17) Carbon Disulfide	4.712	76	1963	0.256	ug/l #	75
18) Methyl Acetate	5.024	43	3016	0.841	ug/l #	76
25) 2-Butanone	7.483	43	5663	2.860	ug/l	99
29) Tetrahydrofuran	7.841	42	429	0.332	ug/l #	30
31) Cyclohexane	8.218	56	4449	0.865	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17887	4.408	ug/l #	48
38) Carbon Tetrachloride	8.218	117	23448	5.864	ug/l #	16
51) 4-Methyl-2-Pentanone	10.447	43	1229	0.297	ug/l	90
59) 2-Hexanone	11.194	43	1785	0.590	ug/l	77
76) 1,2,3-Trichloropropane	12.841	75	101677	21.971	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	101677	55.448	ug/l #	15
86) p-Isopropyltoluene	13.723	119	2708	0.223	ug/l	96
89) n-Butylbenzene	14.053	91	2682	0.267	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	1582	0.572	ug/l	98
94) Hexachlorobutadiene	15.488	225	311	0.271	ug/l #	8
95) Naphthalene	15.635	128	10875	1.133	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	1821	0.673	ug/l	94

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

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Quant Title : SW846 8260
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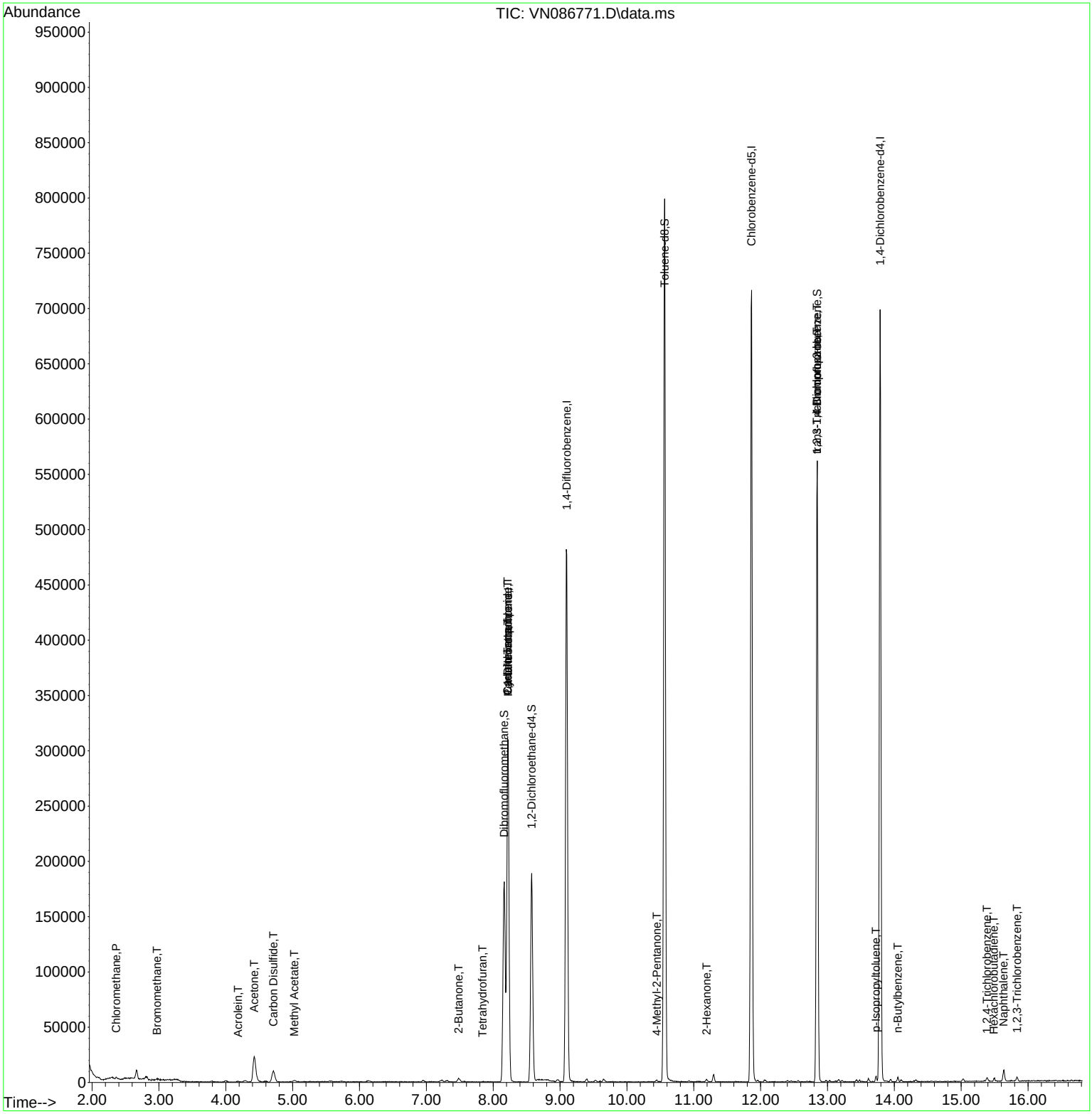
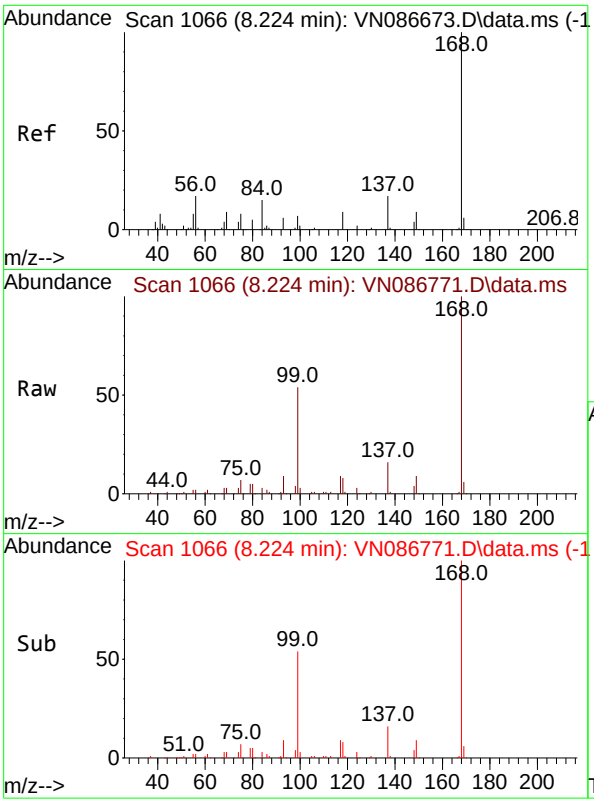


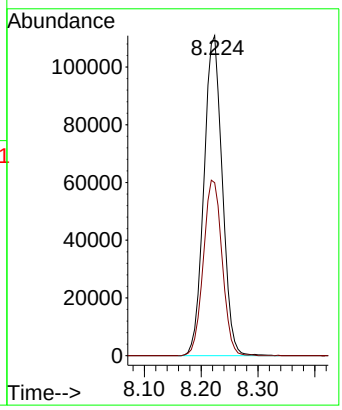


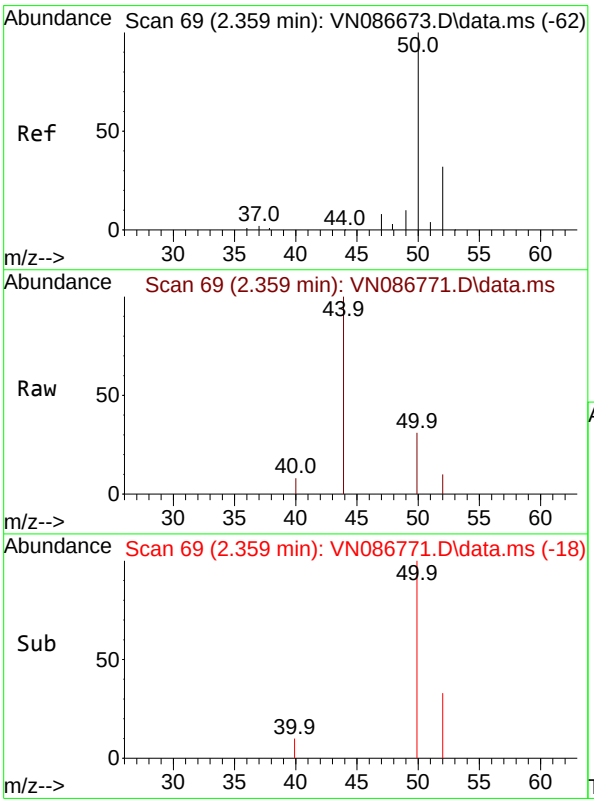
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion:168 Resp: 247918

Ion	Ratio	Lower	Upper
168	100		
99	54.0	47.0	70.4

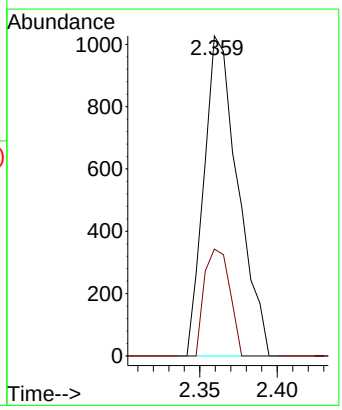


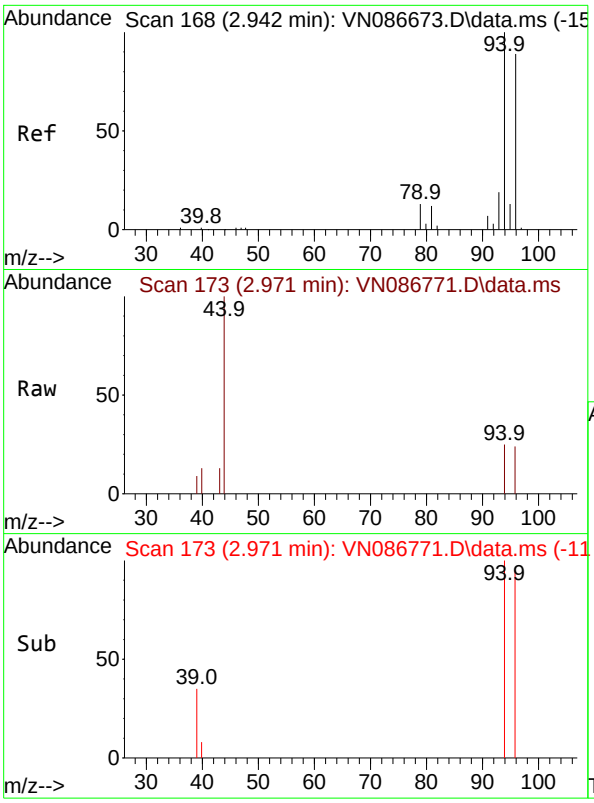


#3
Chloromethane
Concen: 0.386 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 50 Resp: 1565

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.9	38.9



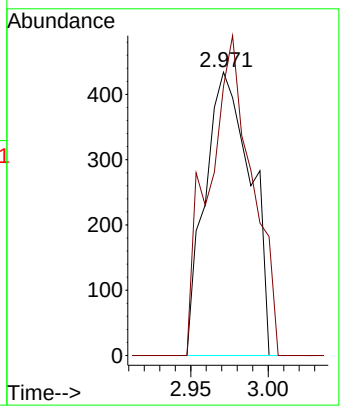


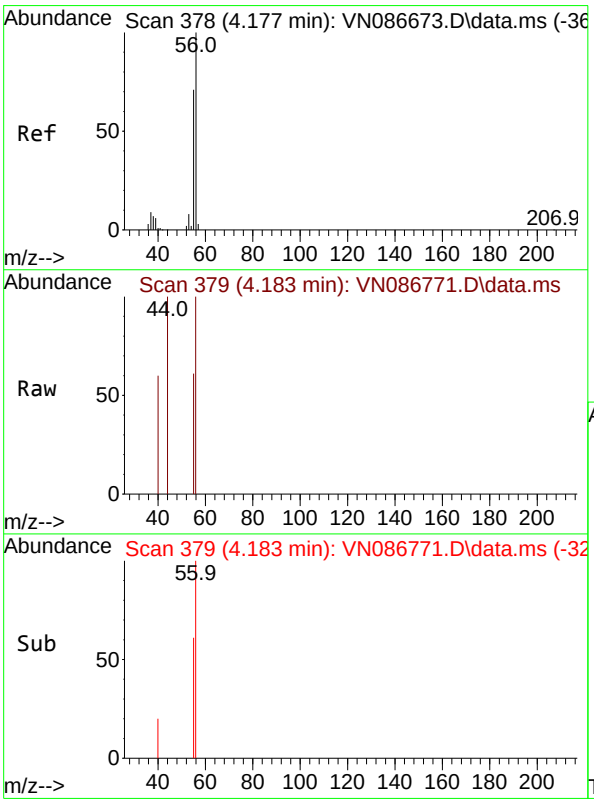
#5
Bromomethane
Concen: 0.421 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.029 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 94 Resp: 883

Ion	Ratio	Lower	Upper
94	100		
96	94.9	71.2	106.8

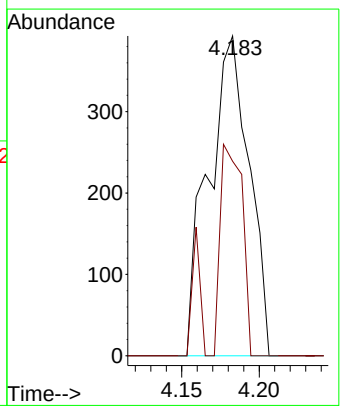


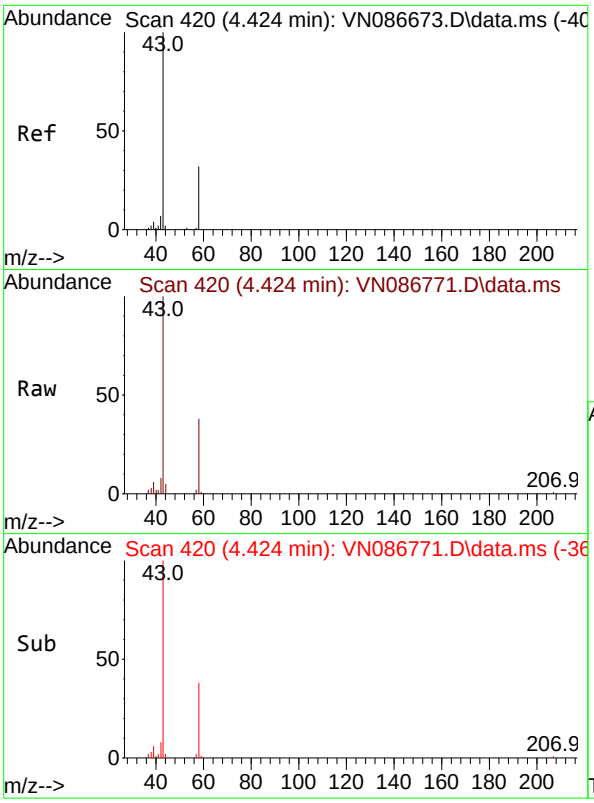


#13
Acrolein
Concen: 1.078 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 56 Resp: 719

Ion	Ratio	Lower	Upper
56	100		
55	35.5	55.7	83.5#



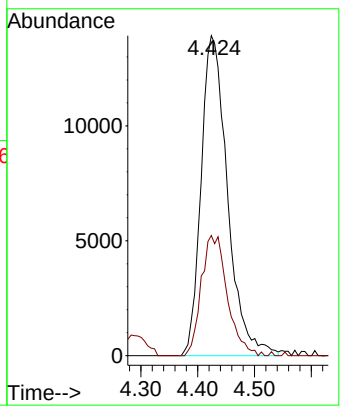


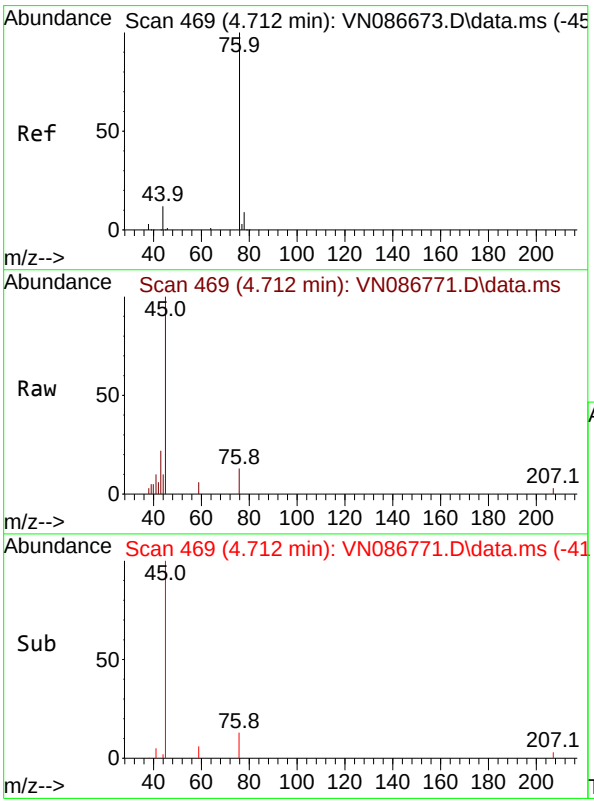
#16
Acetone
Concen: 35.023 ug/l
RT: 4.424 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 43 Resp: 44881

Ion	Ratio	Lower	Upper
43	100		
58	37.5	25.8	38.6

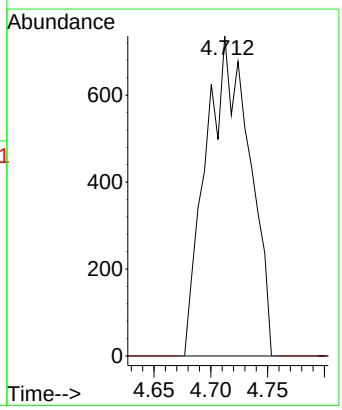


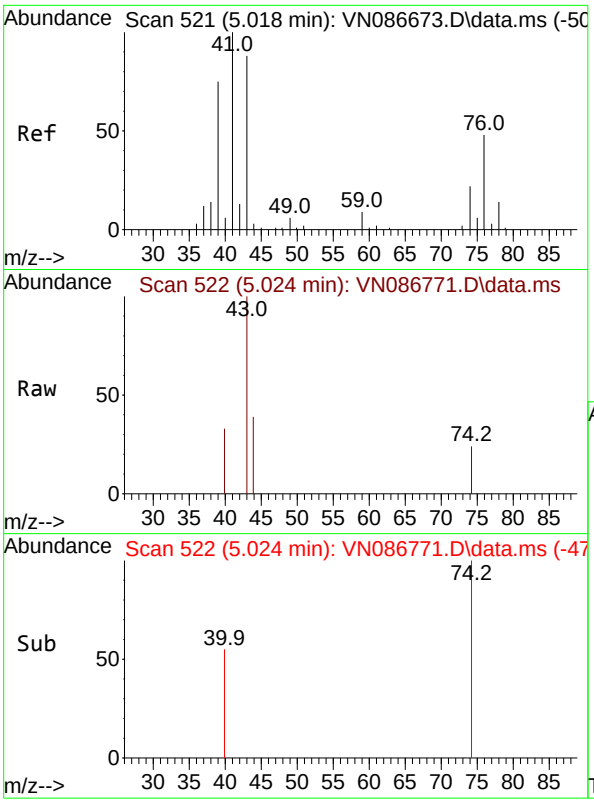


#17
Carbon Disulfide
Concen: 0.256 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 76 Resp: 1963

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



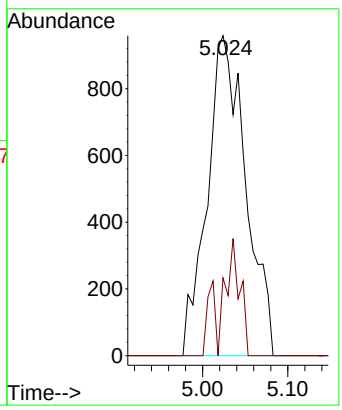


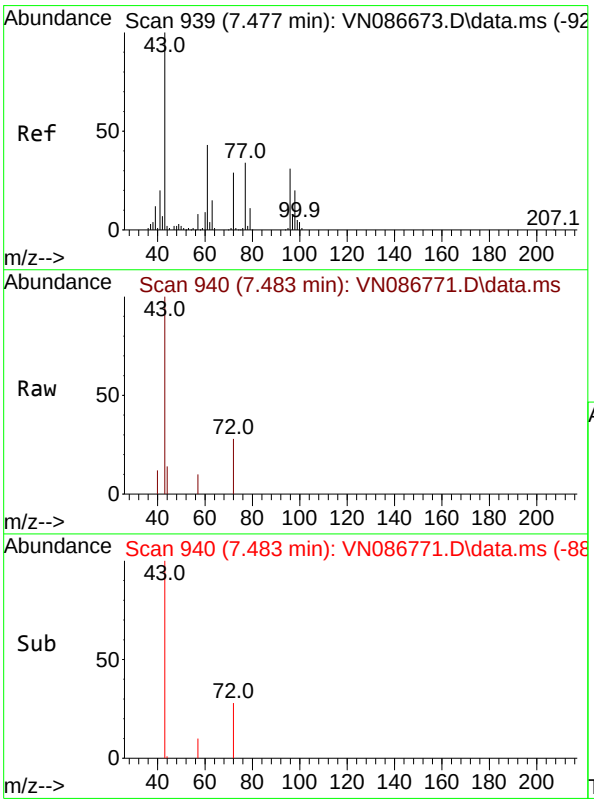
#18
Methyl Acetate
Concen: 0.841 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 43 Resp: 3016

Ion	Ratio	Lower	Upper
43	100		
74	13.6	20.5	30.7#

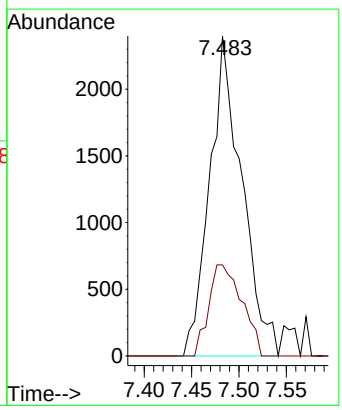


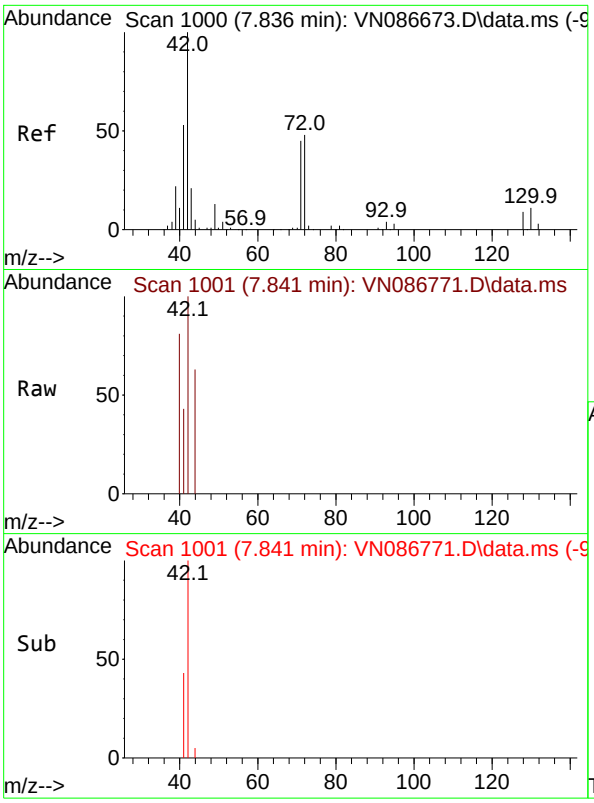


#25
2-Butanone
Concen: 2.860 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 43 Resp: 5663

Ion	Ratio	Lower	Upper
43	100		
72	28.5	23.1	34.7



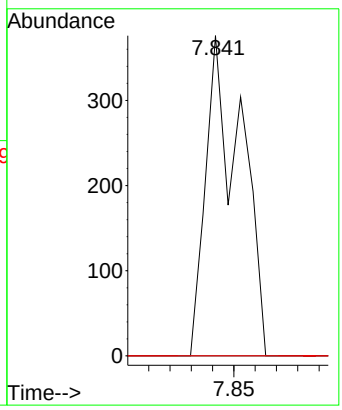


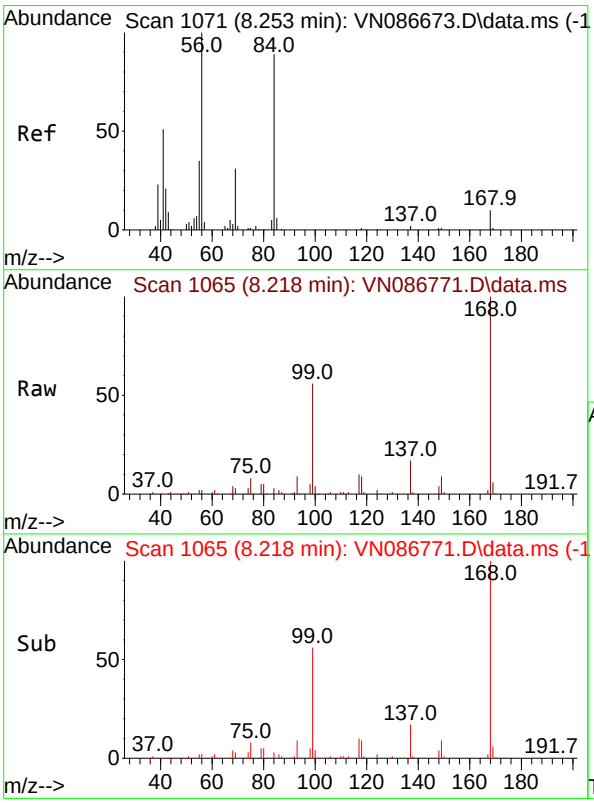
#29
Tetrahydrofuran
Concen: 0.332 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 42 Resp: 429

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.7	58.1#
71	0.0	36.2	54.4#

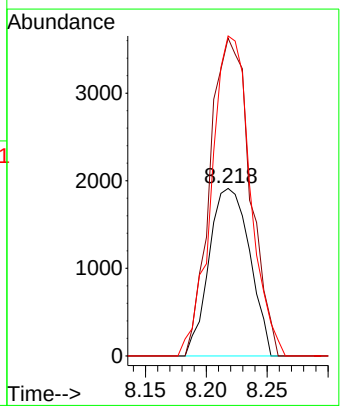


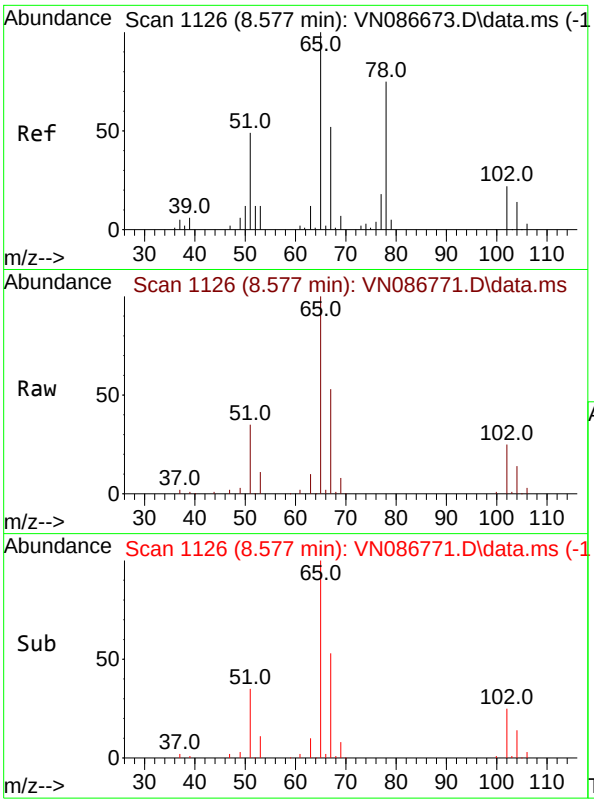


#31
Cyclohexane
Concen: 0.865 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 56 Resp: 4449

Ion	Ratio	Lower	Upper
56	100		
69	189.6	25.0	37.6#
84	191.0	71.0	106.4#



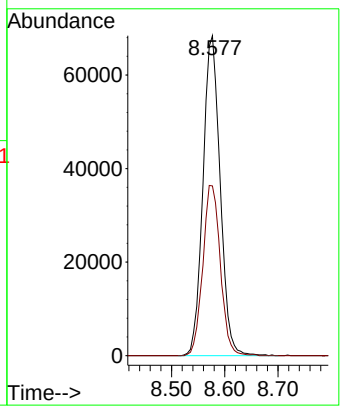


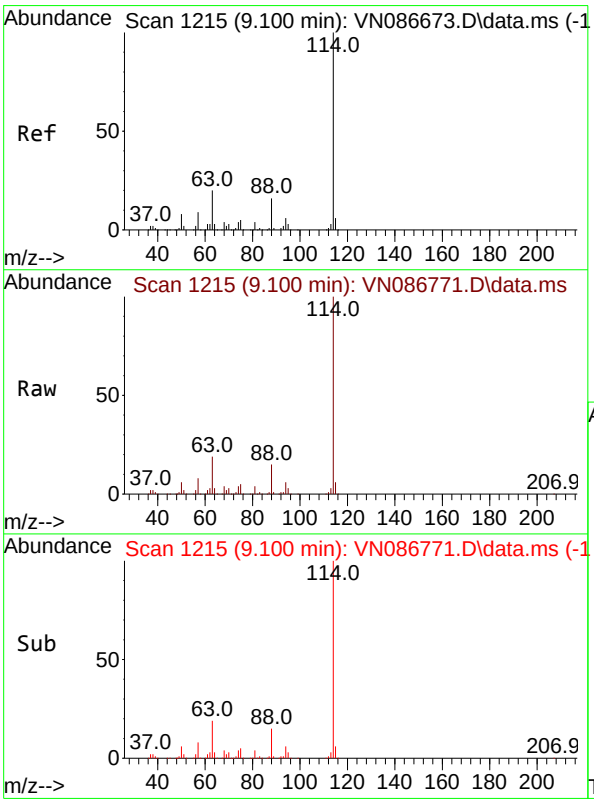
#33
1,2-Dichloroethane-d4
Concen: 44.818 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 65 Resp: 153536

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.4

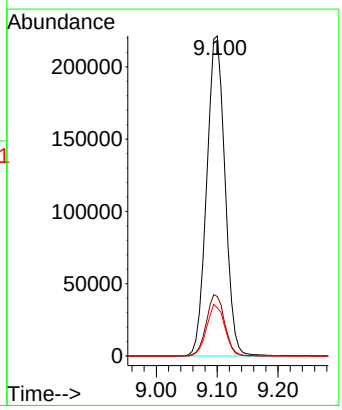


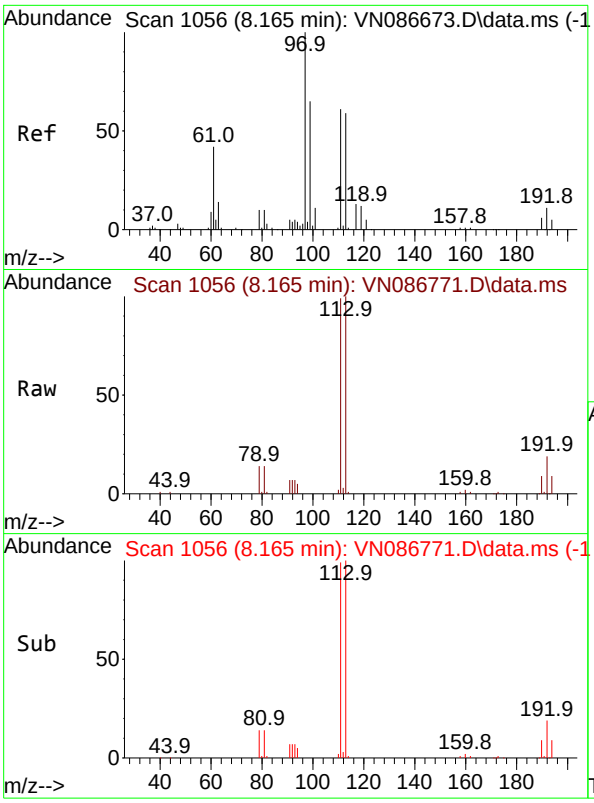


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion:114 Resp: 461976

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	40.2
88	15.1	0.0	31.2



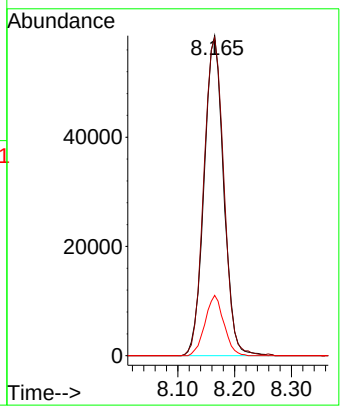


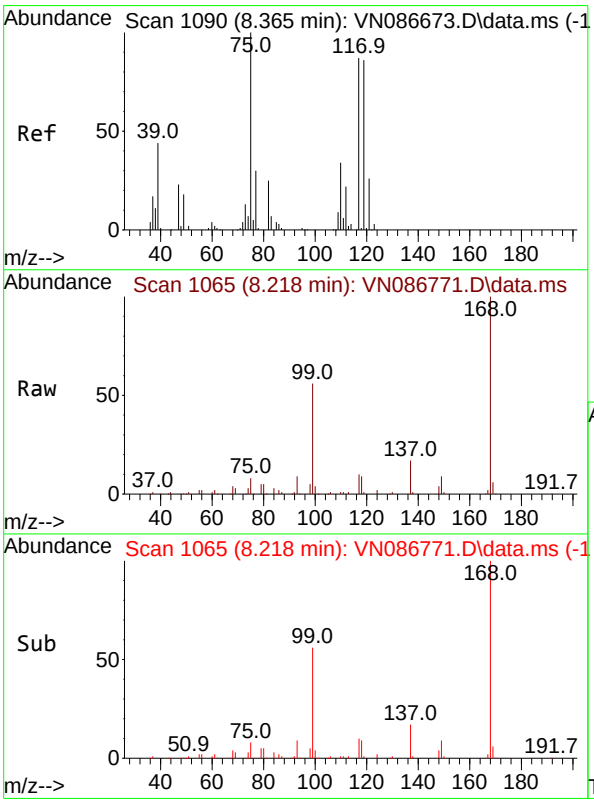
#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion:113 Resp: 139491

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	18.2	13.8	20.8

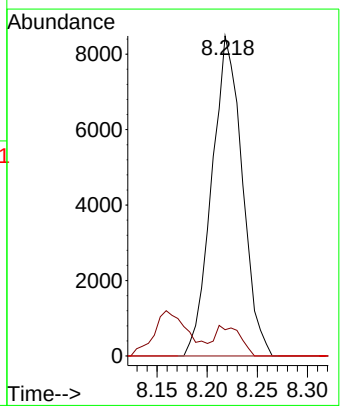


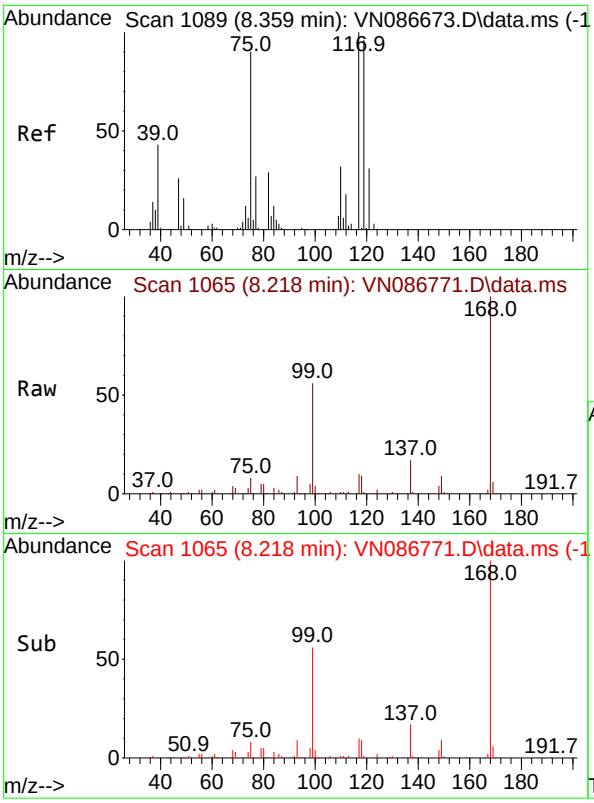


#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 75 Resp: 17887

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.5	52.5#
77	0.0	25.1	37.7#



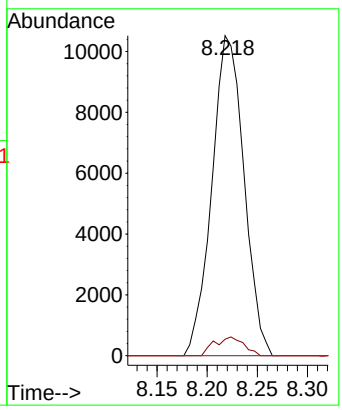


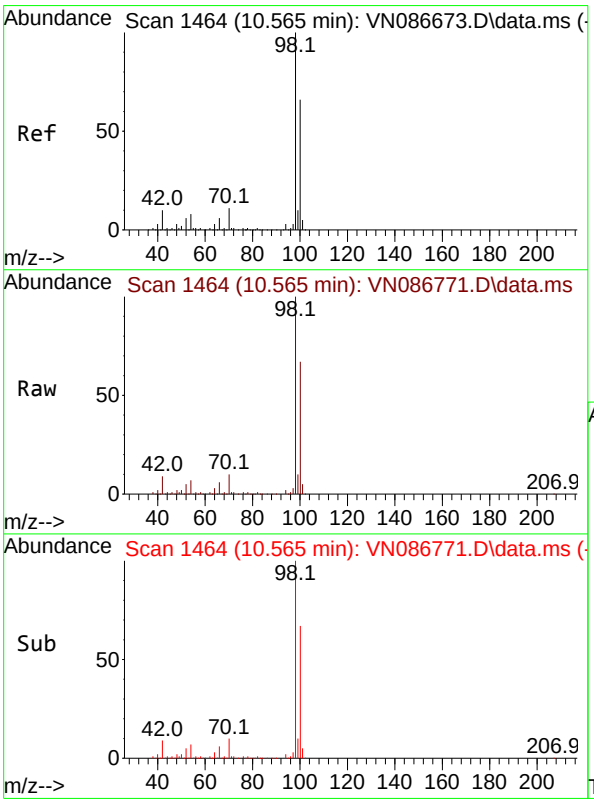
#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion:117 Resp: 23448

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.0	115.6#
121	0.0	25.0	37.6#

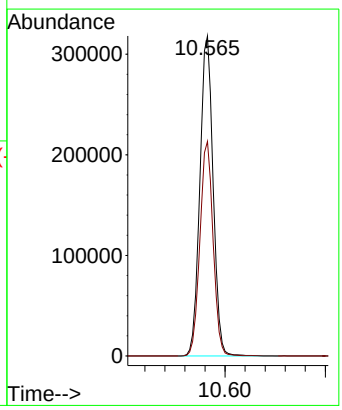


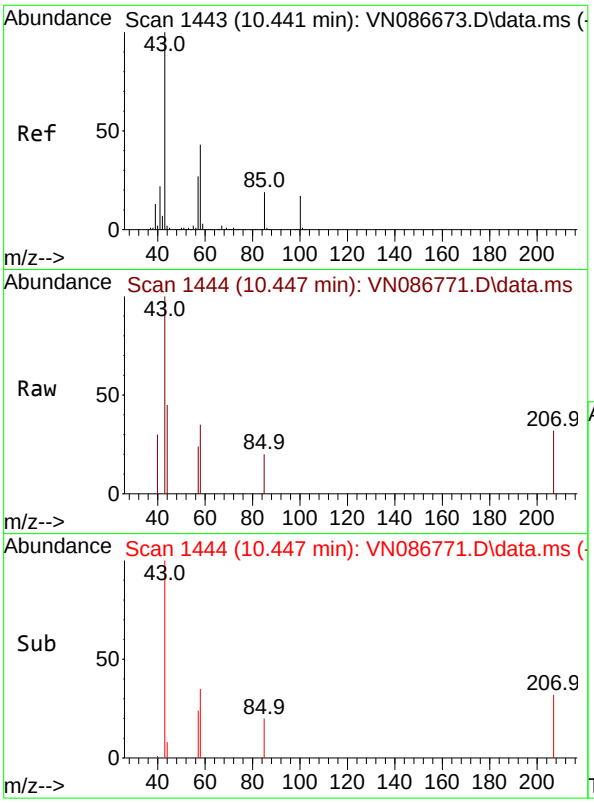


#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 98 Resp: 582571

Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.9	79.3



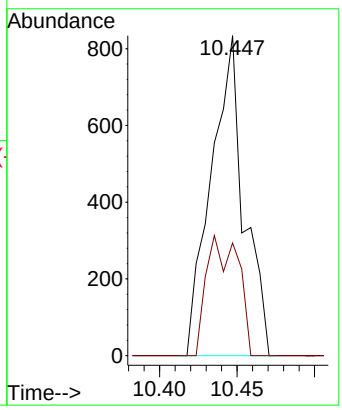


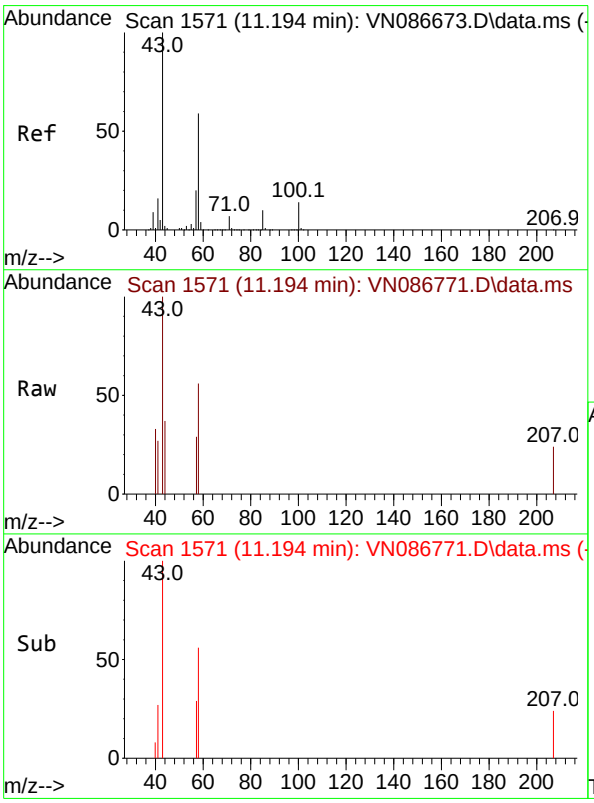
#51
4-Methyl-2-Pentanone
Concen: 0.297 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 43 Resp: 1229

Ion	Ratio	Lower	Upper
43	100		
58	36.1	33.9	50.9

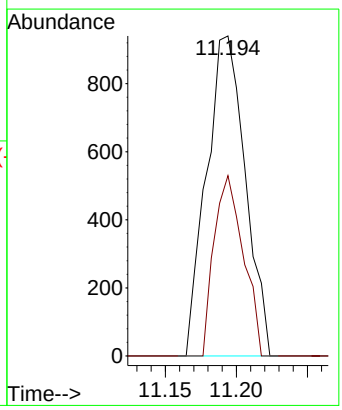


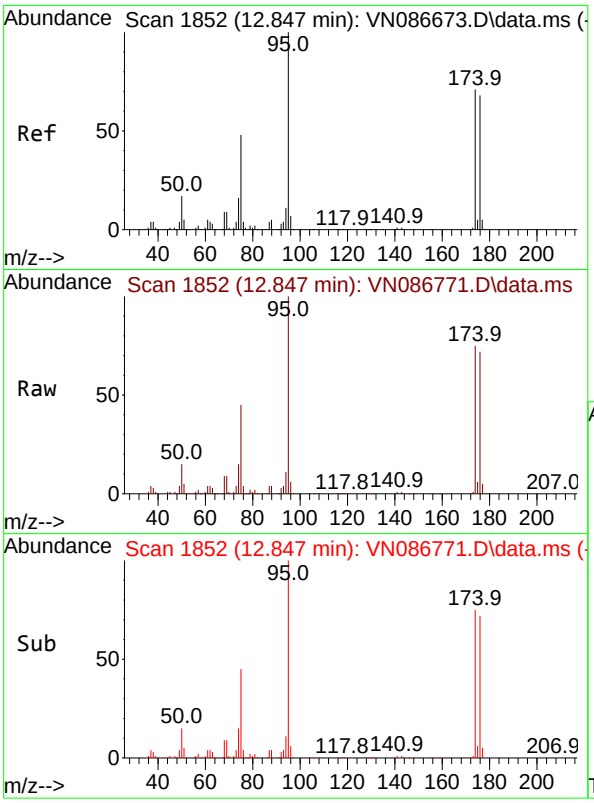


#59
2-Hexanone
Concen: 0.590 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 43 Resp: 1785

Ion	Ratio	Lower	Upper
43	100		
58	42.5	29.8	89.5



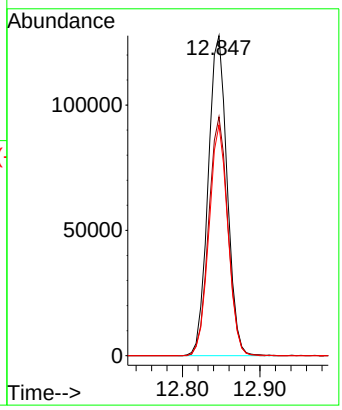


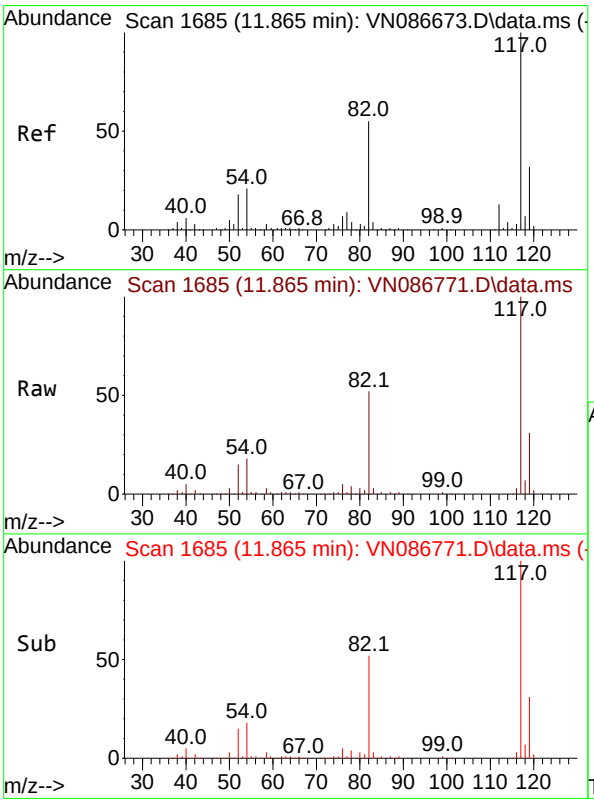
#62
4-Bromofluorobenzene
Concen: 53.901 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 95 Resp: 216994

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	145.4
176	71.6	0.0	137.8

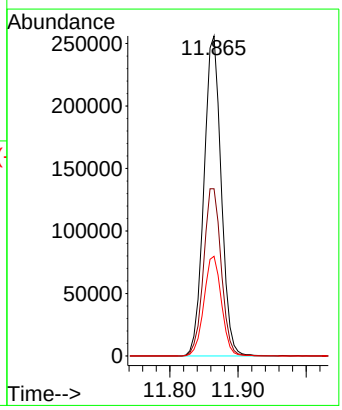


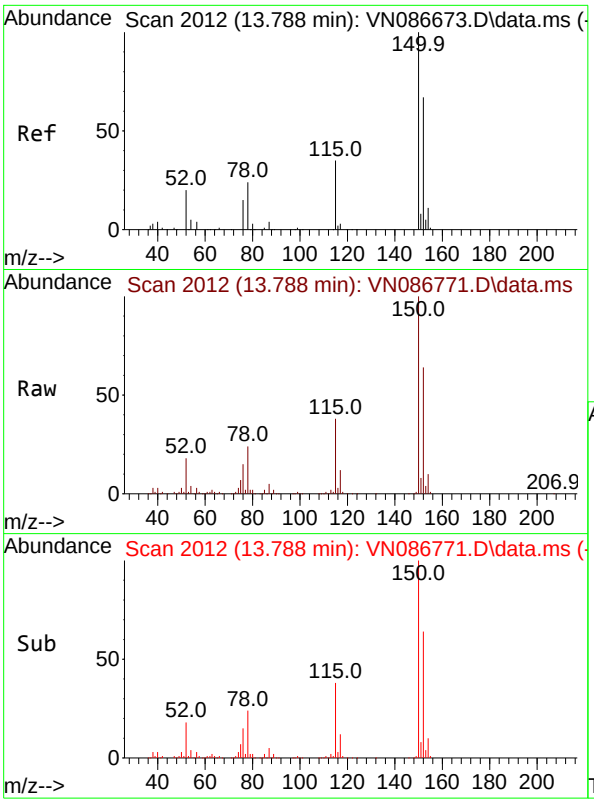


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion:117 Resp: 449647

Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.2	66.2
119	31.1	25.4	38.2



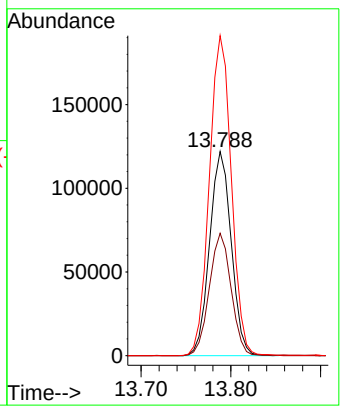


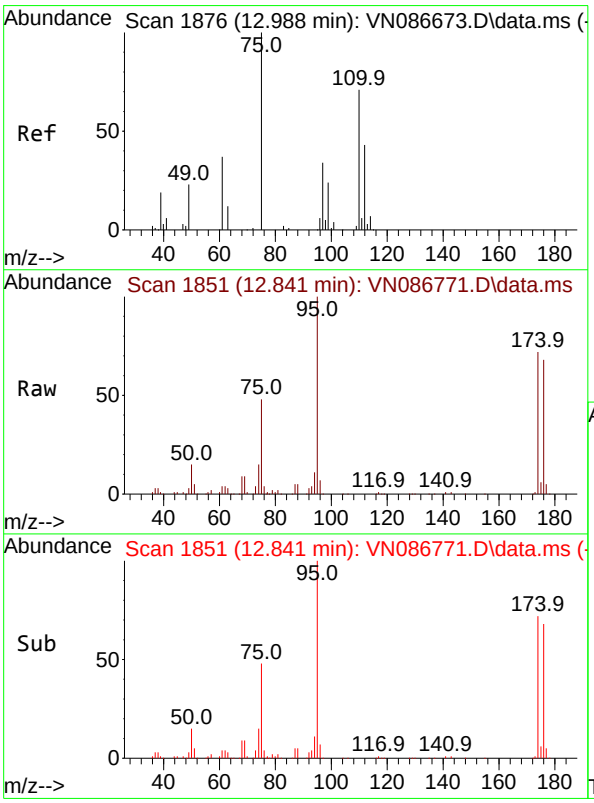
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion:152 Resp: 204624

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.0	90.1
150	159.3	0.0	347.8

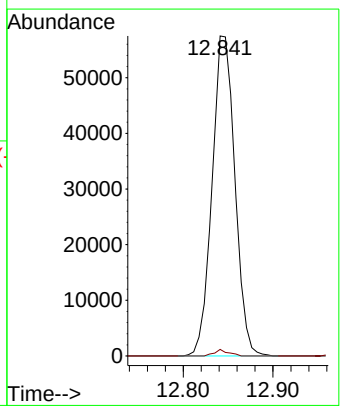


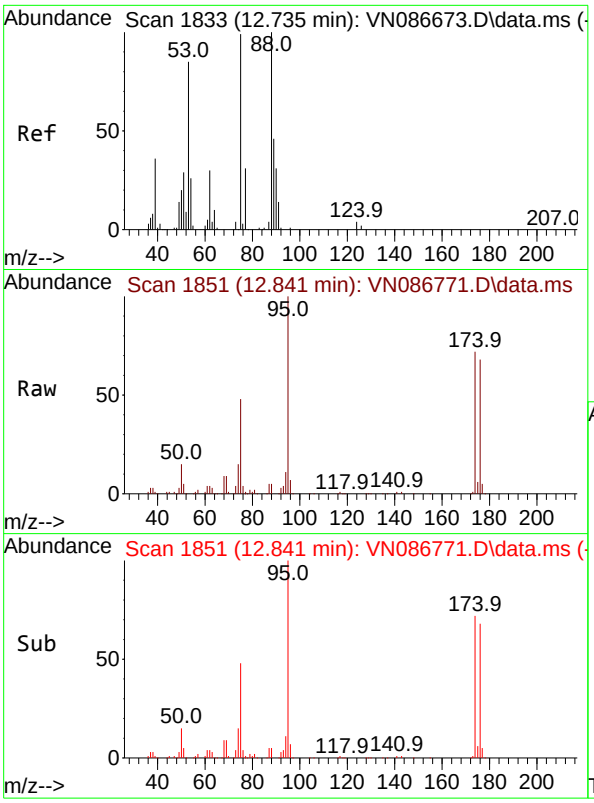


#76
1,2,3-Trichloropropane
Concen: 21.971 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 75 Resp: 101677

Ion	Ratio	Lower	Upper
75	100		
77	1.2	96.0	288.1#



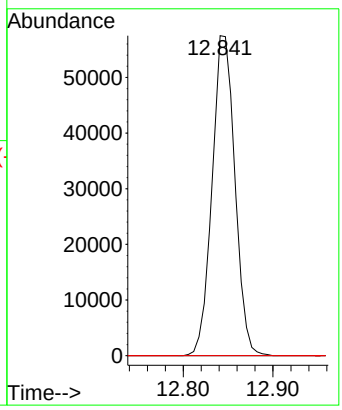


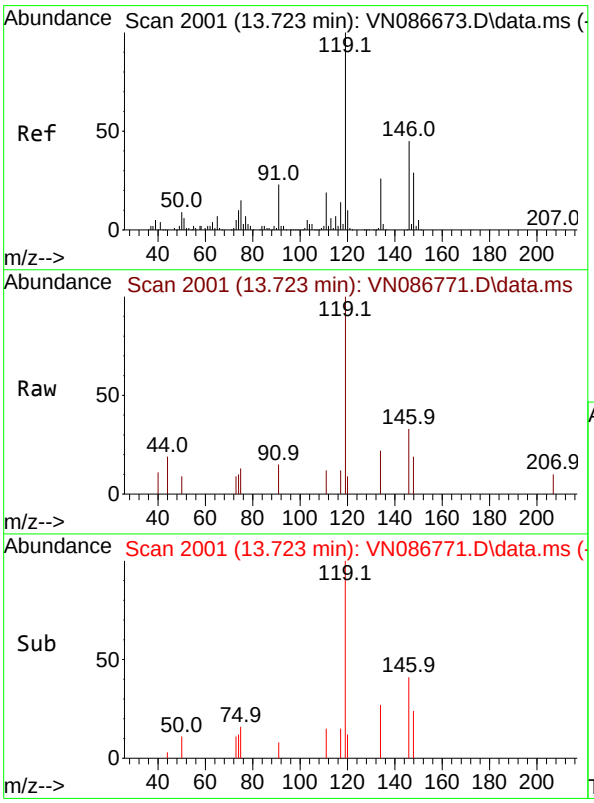
#81
trans-1,4-Dichloro-2-butene
Concen: 55.448 ug/l
RT: 12.841 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 75 Resp: 101677

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

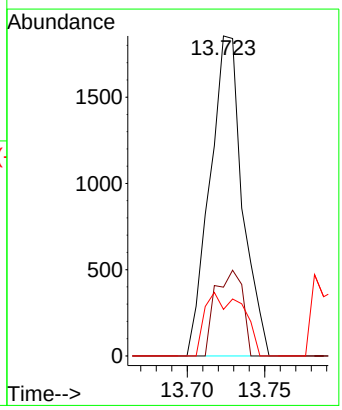


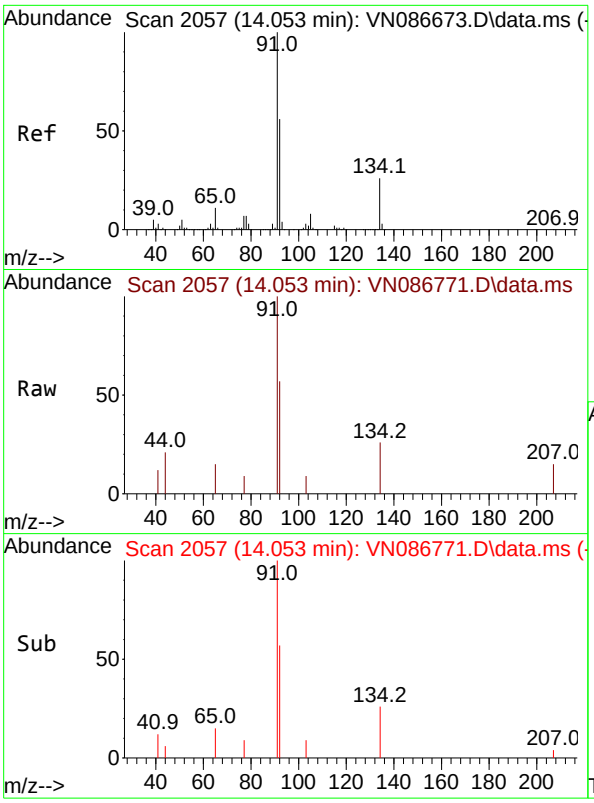


#86
p-Isopropyltoluene
Concen: 0.223 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion:119 Resp: 2708

Ion	Ratio	Lower	Upper
119	100		
134	22.4	13.1	39.1
91	22.9	11.5	34.5



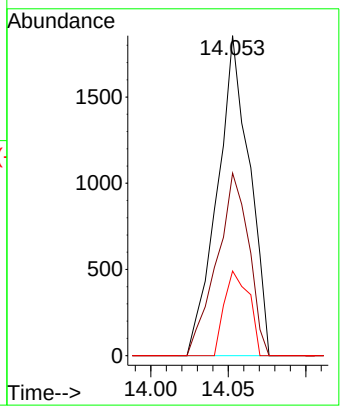


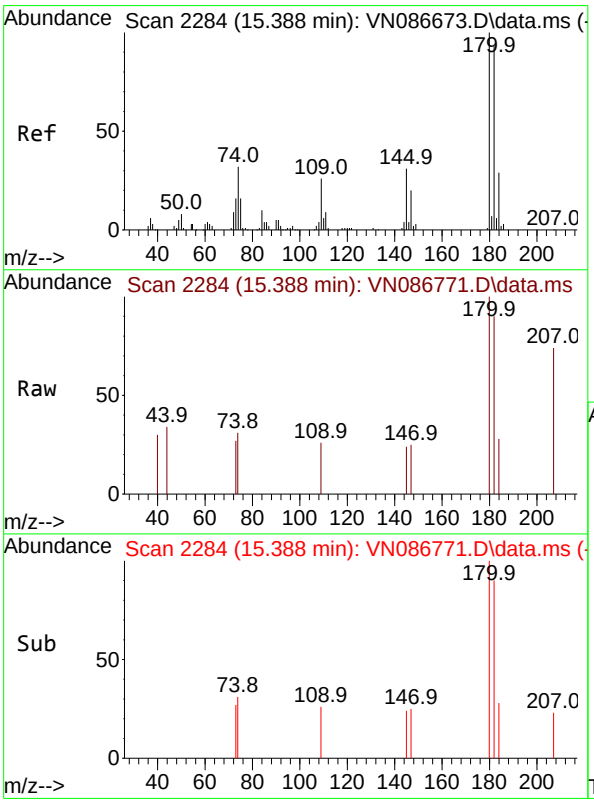
#89
n-Butylbenzene
Concen: 0.267 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion: 91 Resp: 2682

Ion	Ratio	Lower	Upper
91	100		
92	56.8	27.4	82.0
134	20.2	12.8	38.4

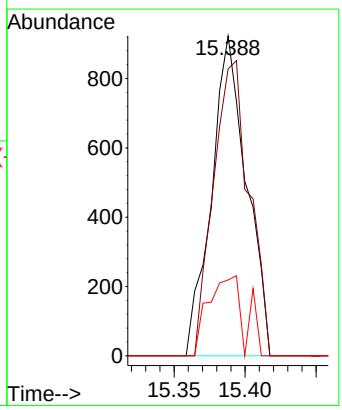


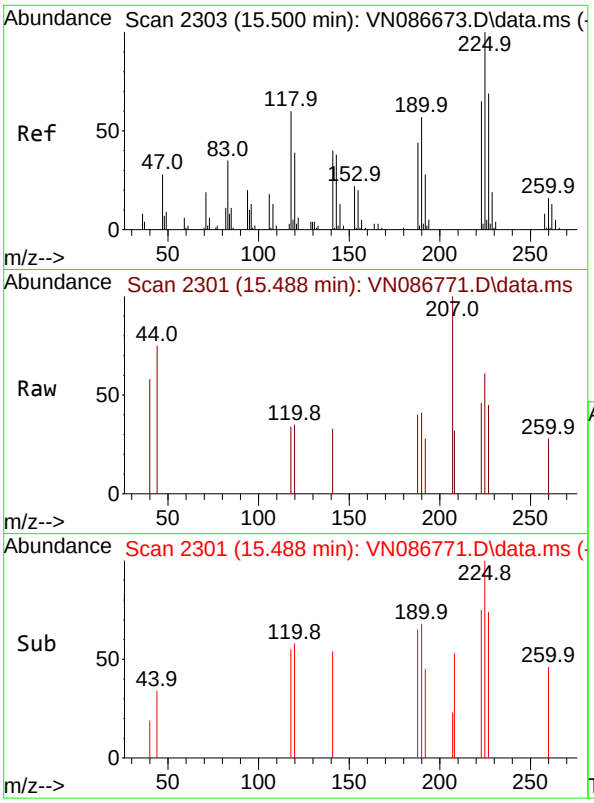


#93
1,2,4-Trichlorobenzene
Concen: 0.572 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion:180 Resp: 1582

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	25.9	15.6	46.8



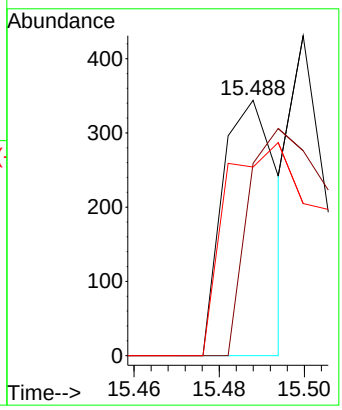


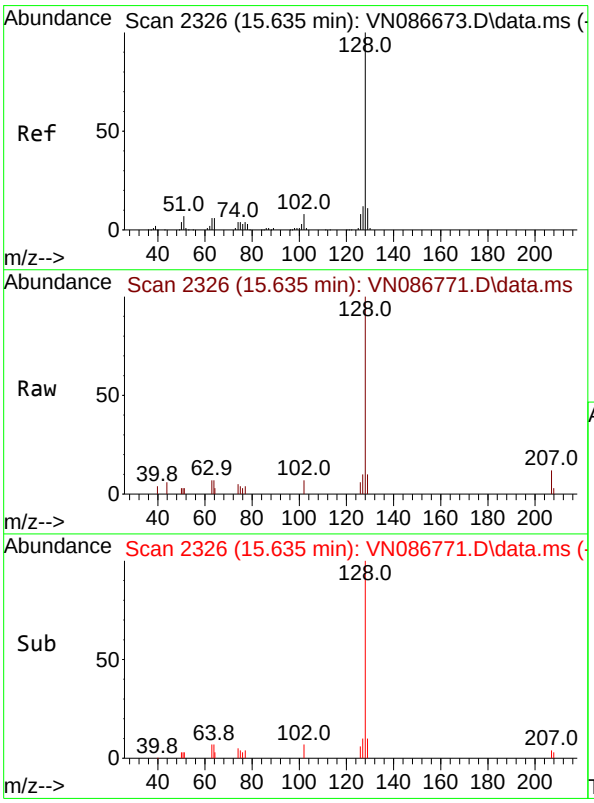
#94
Hexachlorobutadiene
Concen: 0.271 ug/l
RT: 15.488 min Scan# 2
Delta R.T. -0.012 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion:225 Resp: 311

Ion	Ratio	Lower	Upper
225	100		
223	138.9	32.9	98.6#
227	136.3	32.4	97.2#

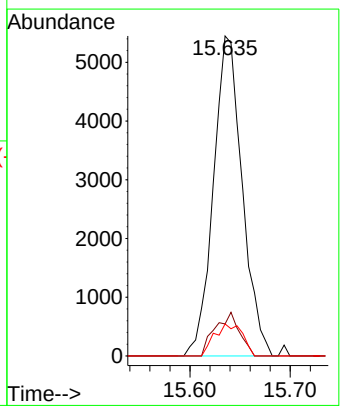


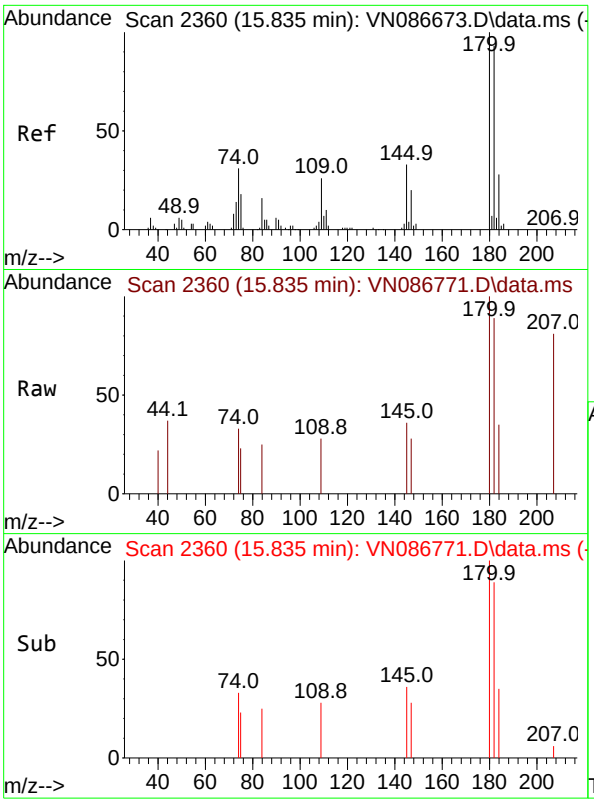


#95
Naphthalene
Concen: 1.133 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion:128 Resp: 10875

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.1	15.1
129	9.7	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.673 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

Tgt Ion:180 Resp: 1821

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.0	141.2
145	25.2	16.7	50.1