Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
Data File : VN085475.D
Acq On : 16 Jan 2025 17:21
Operator : JC\MD
Sample : Q1109-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 17 01:07:34 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	167864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	154079	56.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.720%			
35) Dibromofluoromethane	8.159	113	114727	53.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.020%			
50) Toluene-d8	10.565	98	382098	49.691	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.847	95	123340	46.891	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.780%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1636	0.665	ug/l	95
5) Bromomethane	2.977	94	581	0.389	ug/l	95
16) Acetone	4.436	43	672	0.768	ug/l #	45
31) Cyclohexane	8.218	56	4842	1.408	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	16105	5.302	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18960	5.452	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	2078	0.729	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69895	32.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69895	86.833	ug/l #	3

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

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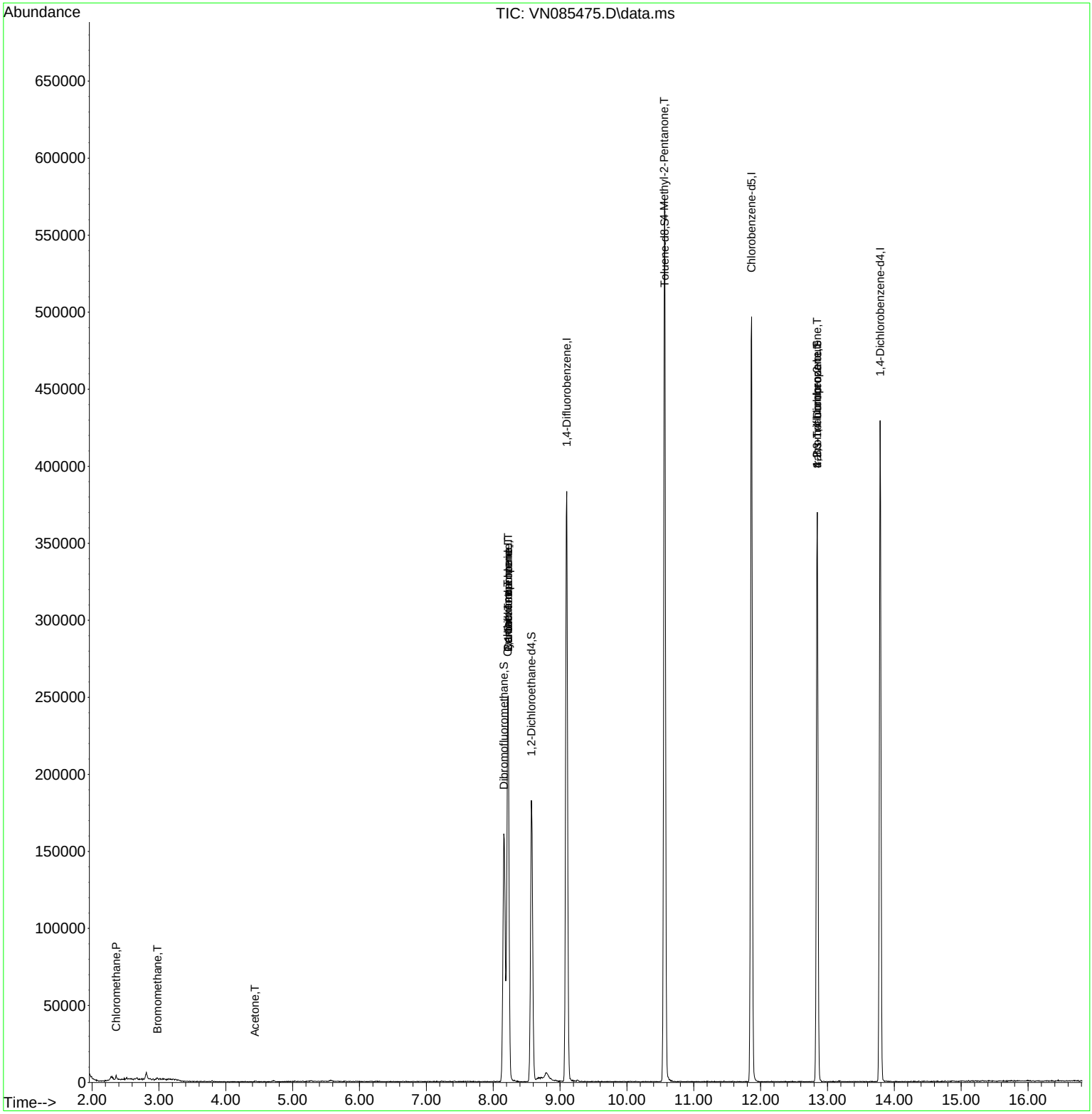
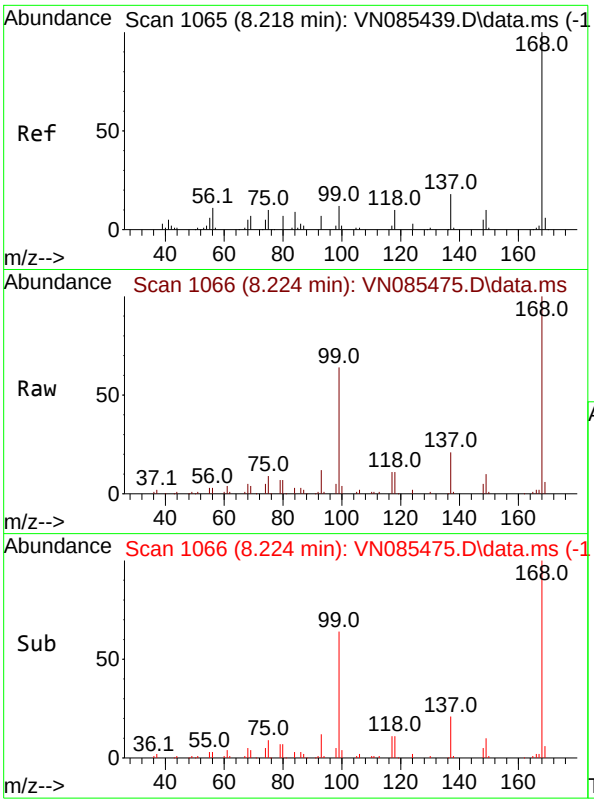


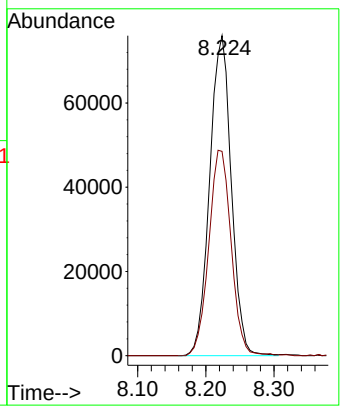


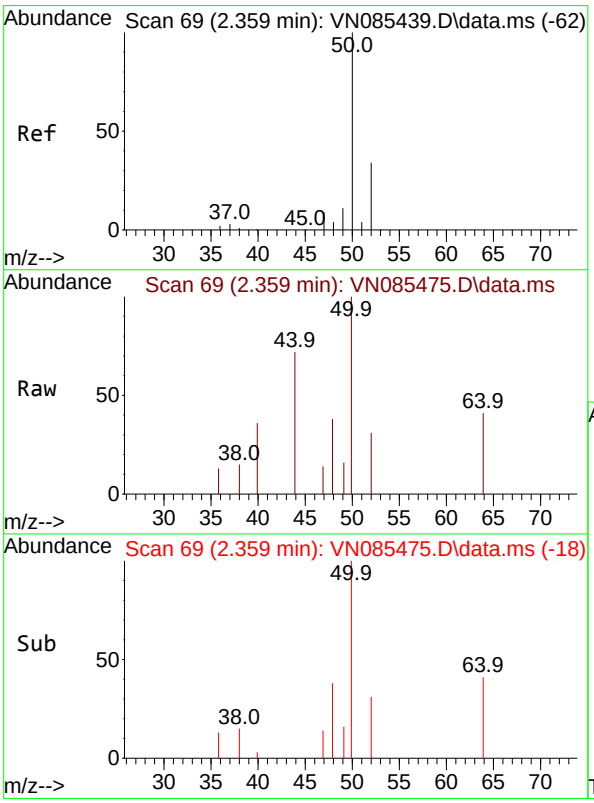
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 167864

Ion	Ratio	Lower	Upper
168	100		
99	63.9	53.6	80.4

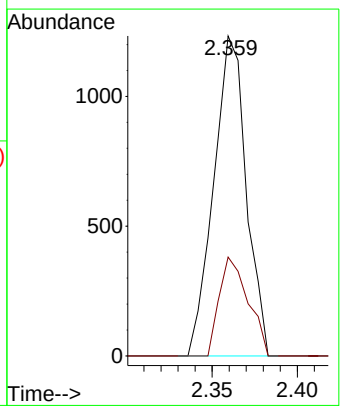


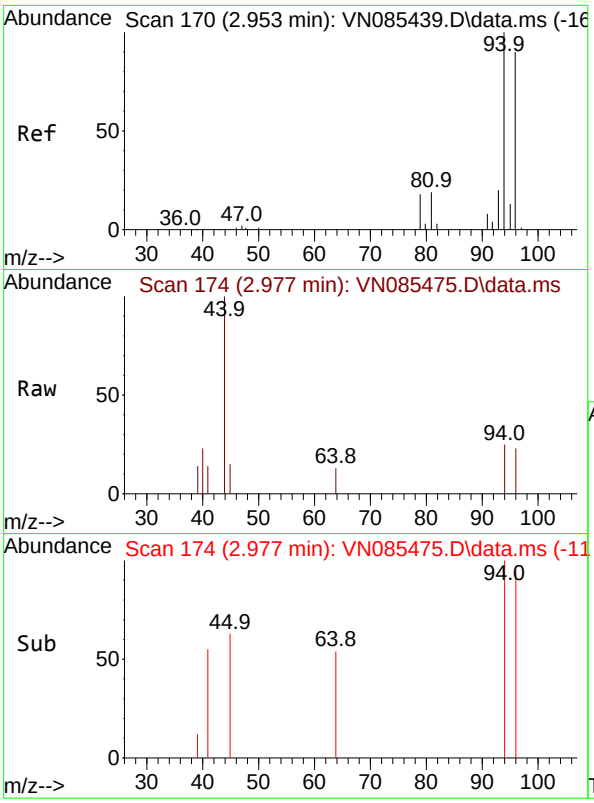


#3
Chloromethane
Concen: 0.665 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 50 Resp: 1636

Ion	Ratio	Lower	Upper
50	100		
52	30.9	27.0	40.6



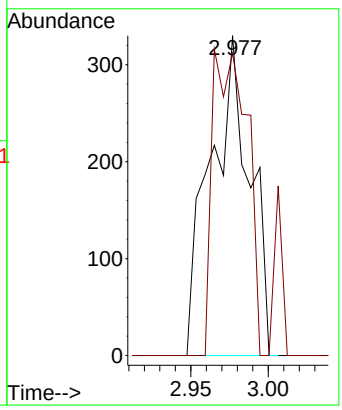


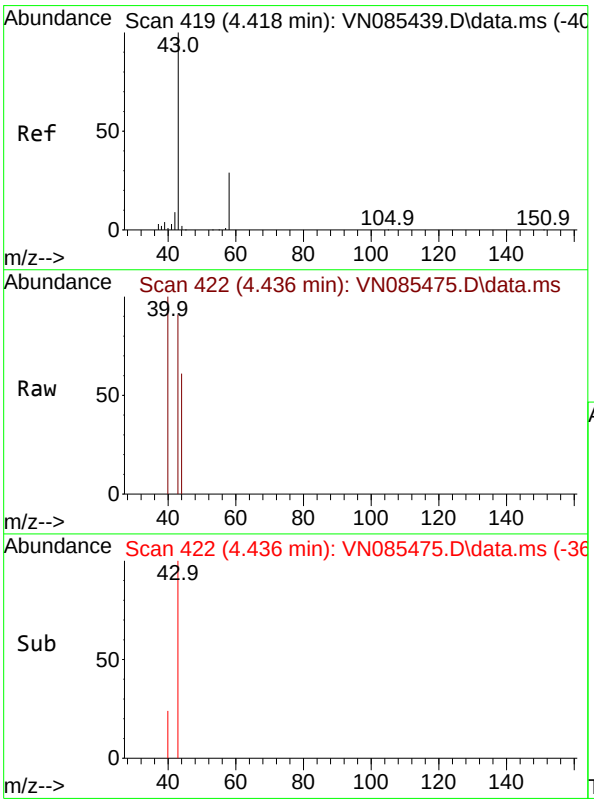
#5
Bromomethane
Concen: 0.389 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.023 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 581

Ion	Ratio	Lower	Upper
94	100		
96	94.5	71.8	107.6

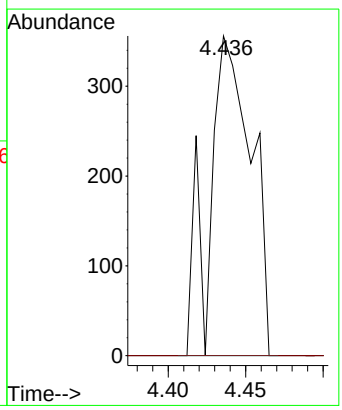


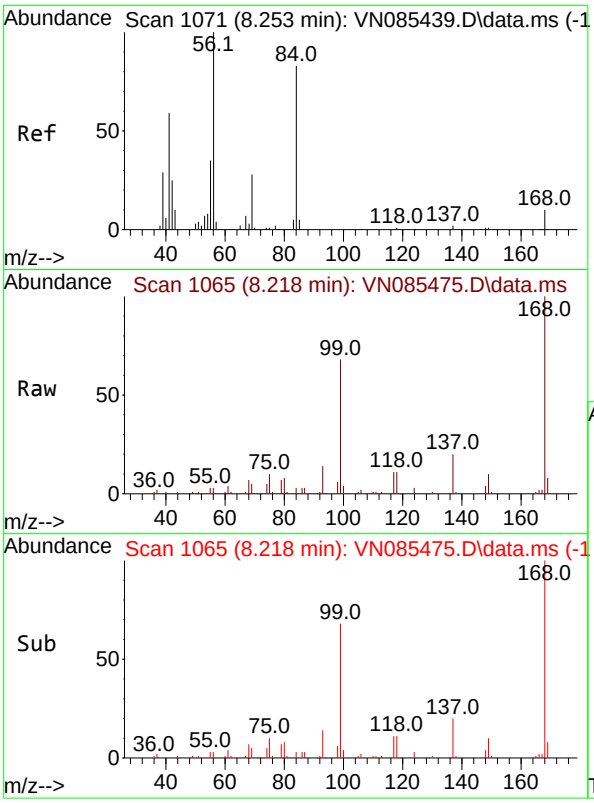


#16
Acetone
Concen: 0.768 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 43 Resp: 672

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#



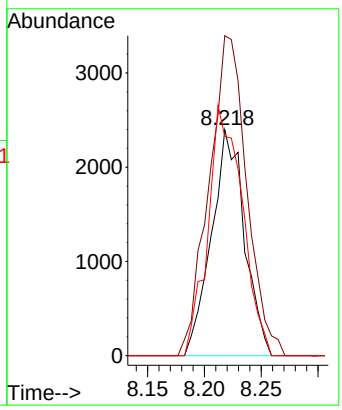


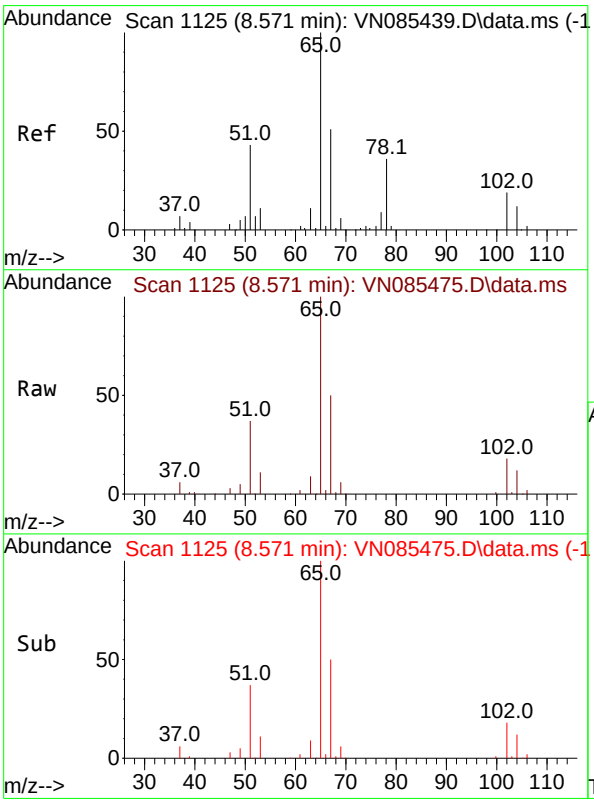
#31
Cyclohexane
Concen: 1.408 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 4842

Ion	Ratio	Lower	Upper
56	100		
69	141.7	22.2	33.4#
84	97.0	66.4	99.6

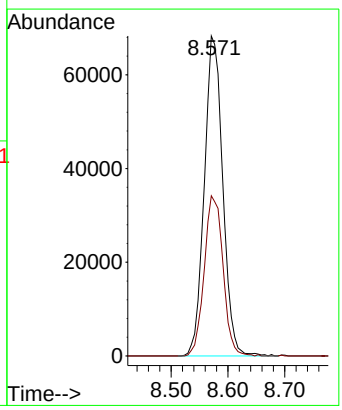


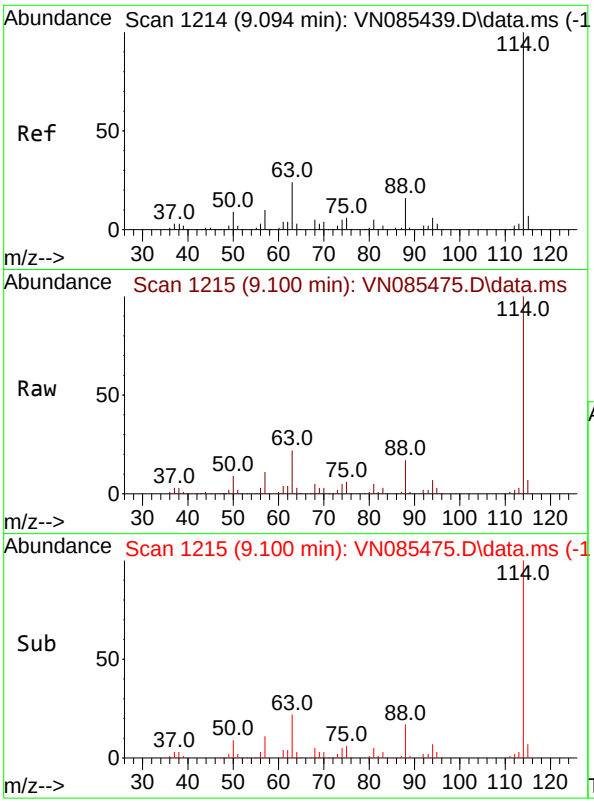


#33
1,2-Dichloroethane-d4
Concen: 56.863 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 65 Resp: 154079

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6



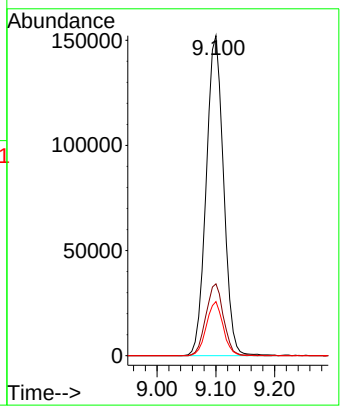


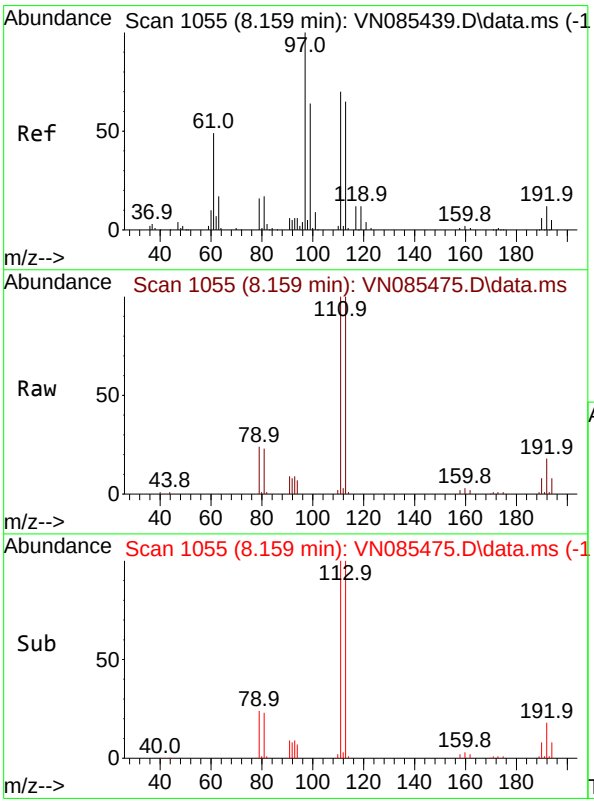
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 311959

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	16.9	0.0	32.6

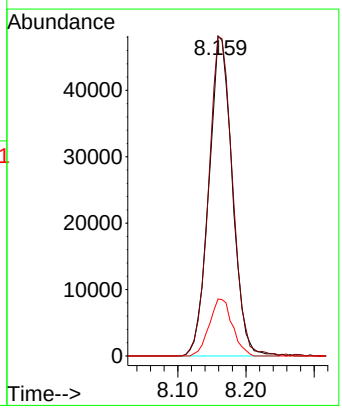


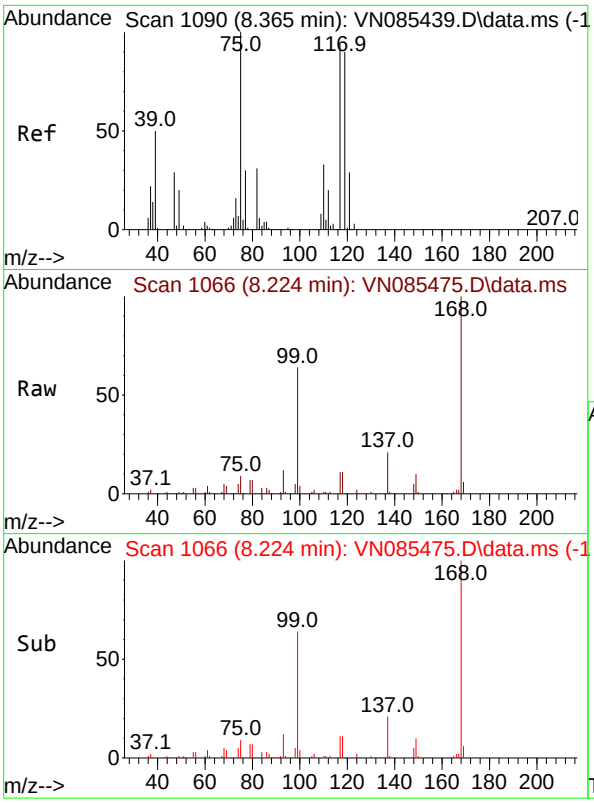


#35
Dibromofluoromethane
Concen: 53.011 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion:113 Resp: 114727

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	17.6	14.3	21.5



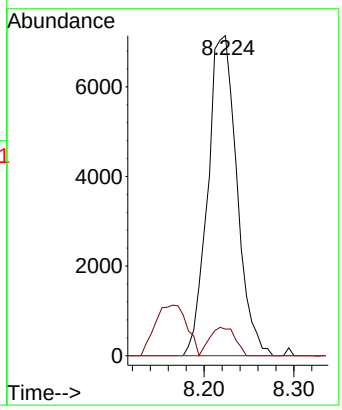


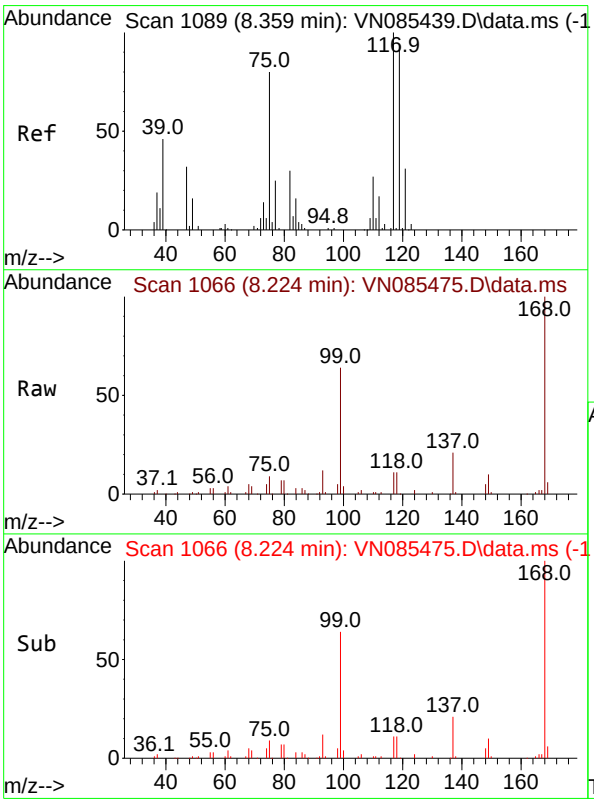
#36
1,1-Dichloropropene
Concen: 5.302 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 16105

Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.5	49.5#
77	0.0	24.4	36.6#

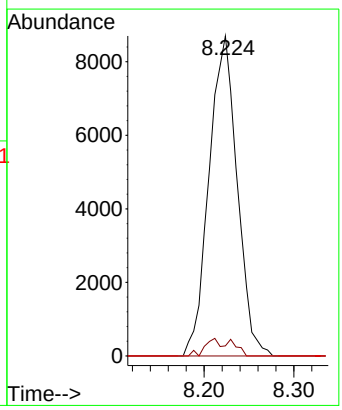


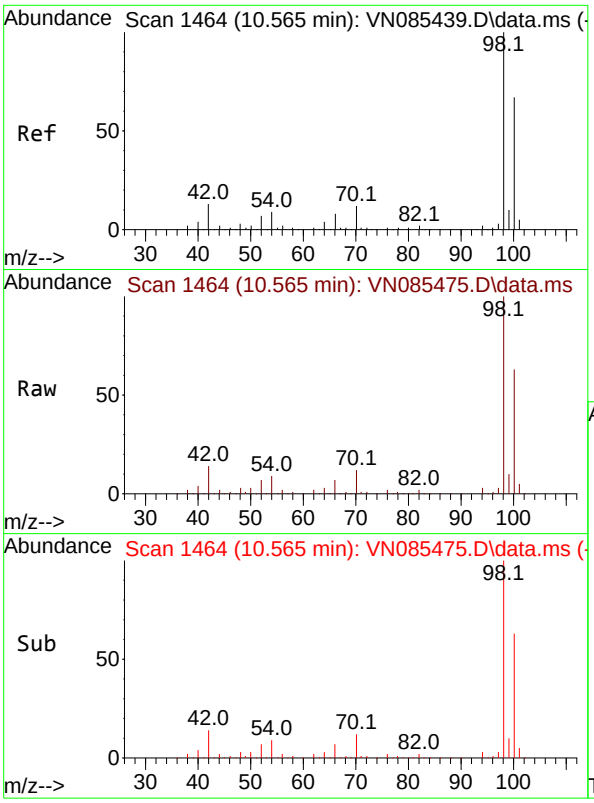


#38
Carbon Tetrachloride
Concen: 5.452 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion:117 Resp: 18960

Ion	Ratio	Lower	Upper
117	100		
119	3.2	75.4	113.2#
121	0.0	24.6	37.0#



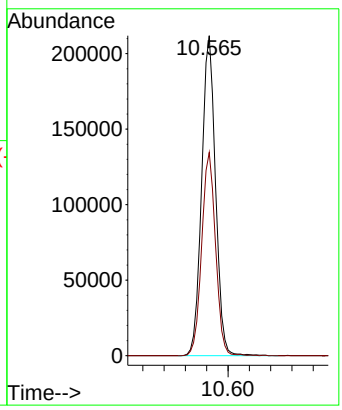


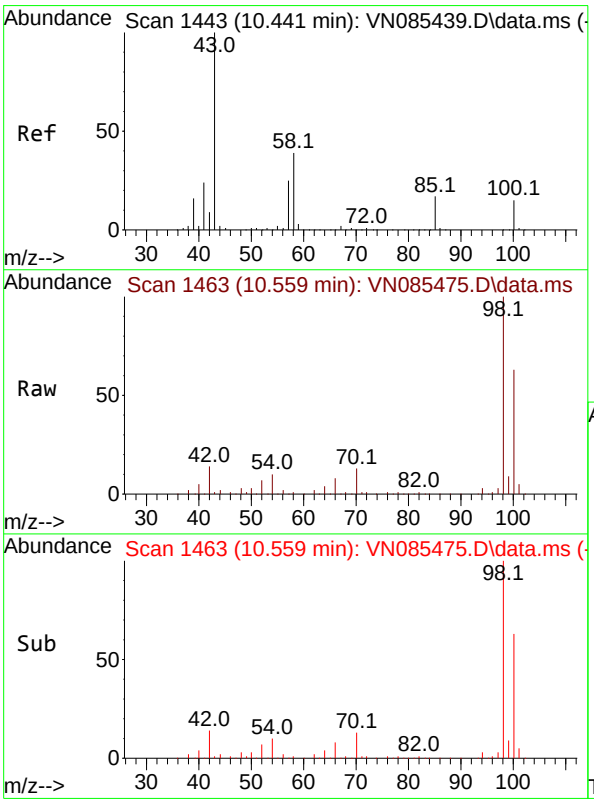
#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 382098

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.4

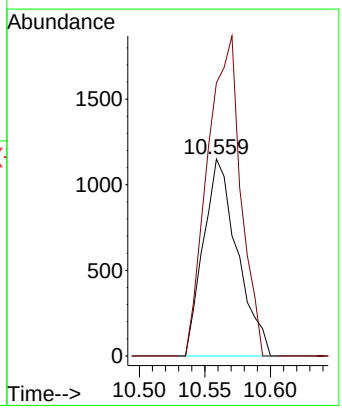


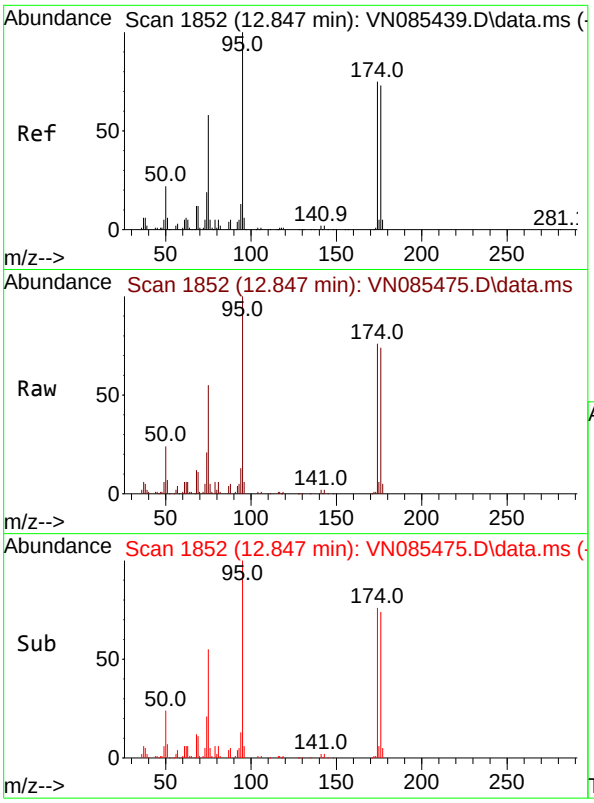


#51
4-Methyl-2-Pentanone
Concen: 0.729 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 43 Resp: 2078

Ion	Ratio	Lower	Upper
43	100		
58	159.2	30.5	45.7#



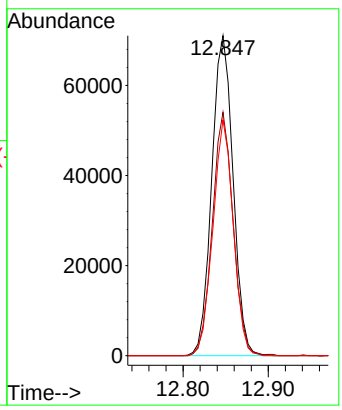


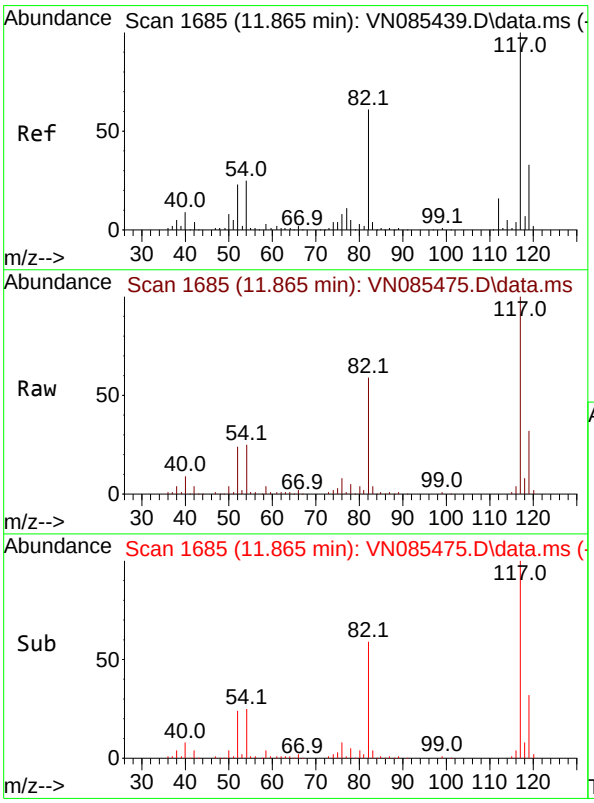
#62
4-Bromofluorobenzene
Concen: 46.891 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 123340

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	145.0
176	70.8	0.0	142.4

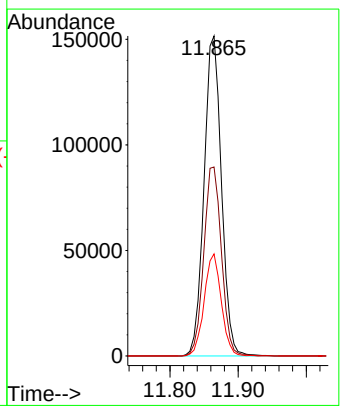


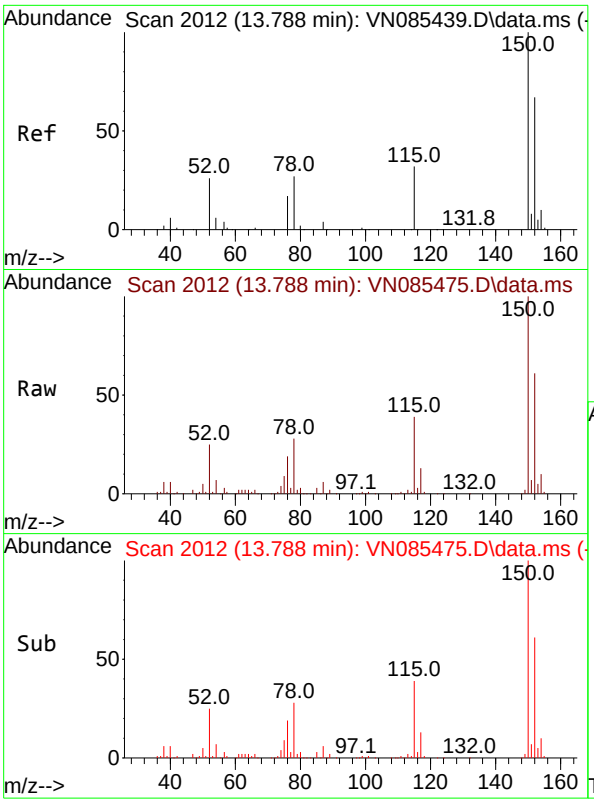


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion:117 Resp: 269876

Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.6	72.8
119	31.9	26.6	39.8



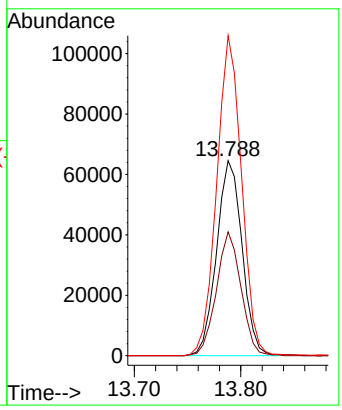


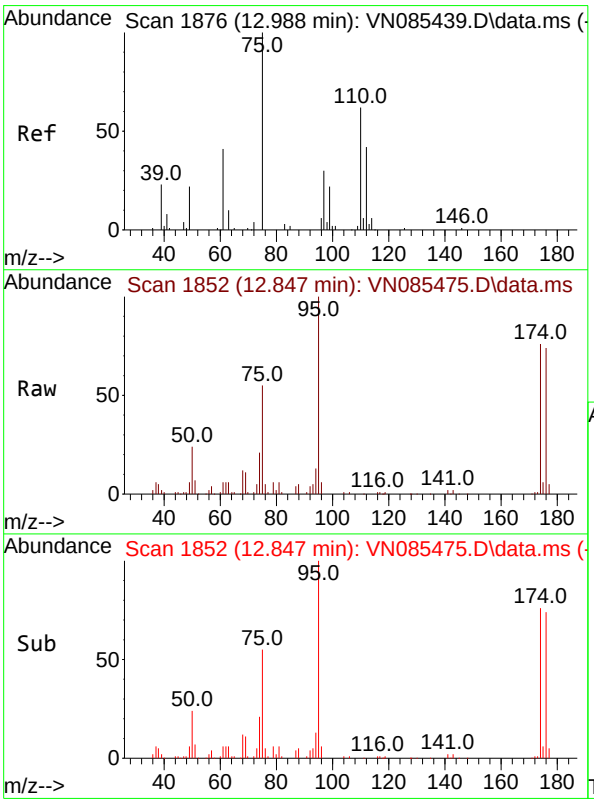
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 107148

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.1	93.3
150	160.3	0.0	343.6

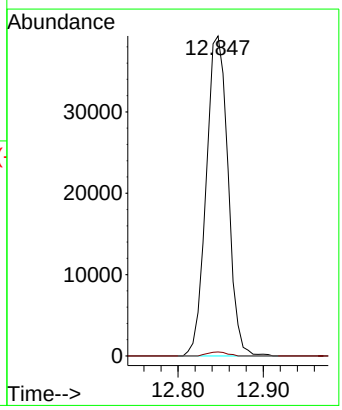


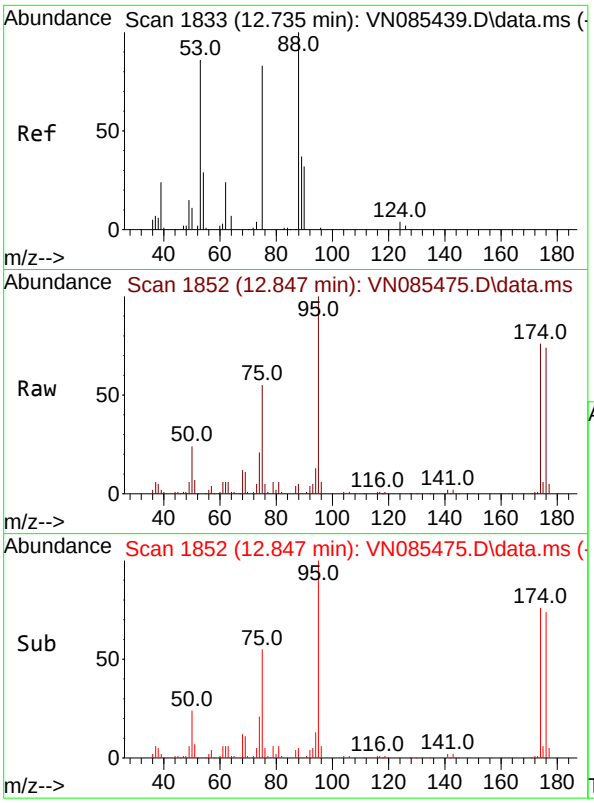


#76
1,2,3-Trichloropropane
Concen: 32.094 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Tgt Ion: 75 Resp: 69895

Ion	Ratio	Lower	Upper
75	100		
77	1.2	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.833 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085475.D
Acq: 16 Jan 2025 17:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 69895

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