Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
Data File : VN085674.D
Acq On : 05 Feb 2025 13:59
Operator : JC\MD
Sample : PB166529ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 06 00:40:35 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	197142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	385821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153871	48.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.700%			
35) Dibromofluoromethane	8.165	113	128858	48.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.280%			
50) Toluene-d8	10.565	98	490580	51.585	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.847	95	142193	43.709	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.420%			
Target Compounds						Qvalue
5) Bromomethane	2.971	94	482	0.275	ug/l #	69
16) Acetone	4.424	43	33177	32.266	ug/l	93
18) Methyl Acetate	5.036	43	2106	0.674	ug/l #	87
20) Methylene Chloride	5.277	84	3488	1.370	ug/l #	77
25) 2-Butanone	7.488	43	3874	2.560	ug/l	97
31) Cyclohexane	8.218	56	5042	1.248	ug/l #	28
36) 1,1-Dichloropropene	8.218	75	16934	4.508	ug/l #	52
37) Ethyl Acetate	7.559	43	3387	0.893	ug/l #	90
38) Carbon Tetrachloride	8.224	117	21504	5.000	ug/l #	18
43) Isopropyl Acetate	8.688	43	150023	24.692	ug/l #	90
45) 1,2-Dichloropropane	9.741	63	1833	0.636	ug/l #	43
48) Methyl methacrylate	9.741	41	133668	48.887	ug/l #	45
49) 1,4-Dioxane	9.735	88	119	2.584	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	6653	1.887	ug/l	98
53) t-1,3-Dichloropropene	10.729	75	1084	0.271	ug/l	97
54) cis-1,3-Dichloropropene	10.353	75	54857	12.822	ug/l #	64
56) Ethyl methacrylate	10.976	69	2041	2.381	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	7460	1.658	ug/l #	43
59) 2-Hexanone	11.200	43	95685	38.571	ug/l #	57
74) N-amyl acetate	12.488	43	1432	0.355	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	75761	28.029	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75761	75.836	ug/l #	3

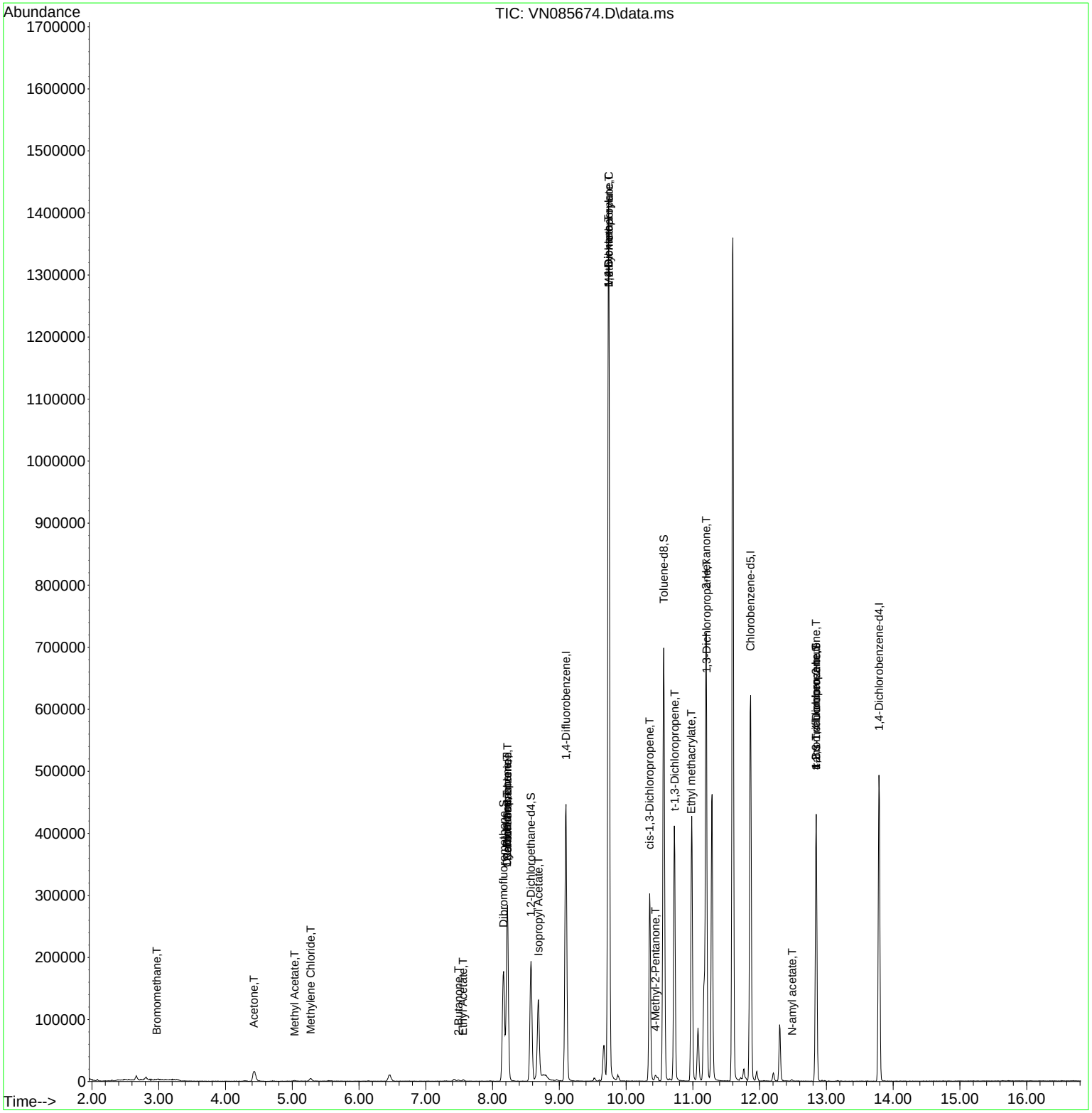
(#) = qualifier out of range (m) = manual integration (+) = signals summed

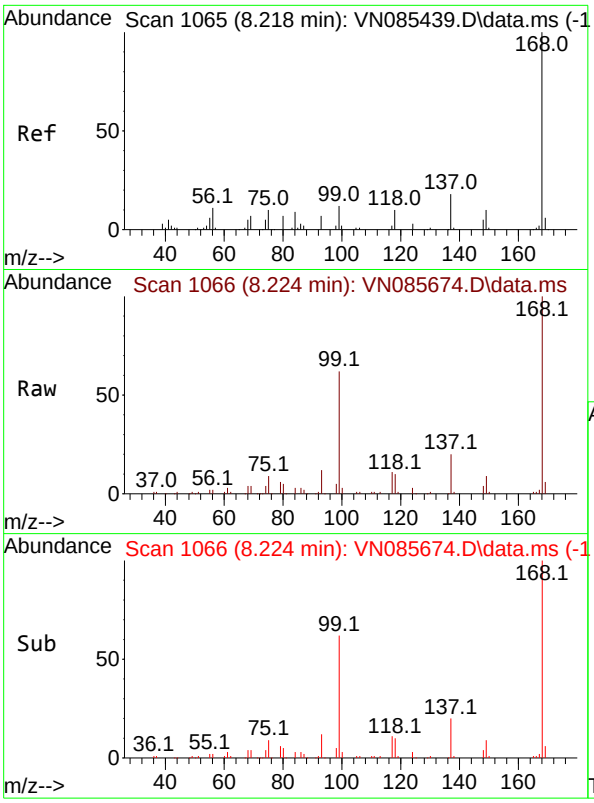
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
Data File : VN085674.D
Acq On : 05 Feb 2025 13:59
Operator : JC\MD
Sample : PB166529ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 06 00:40:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



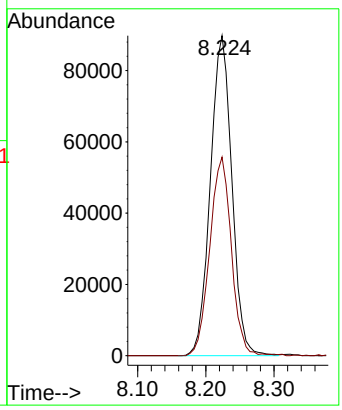


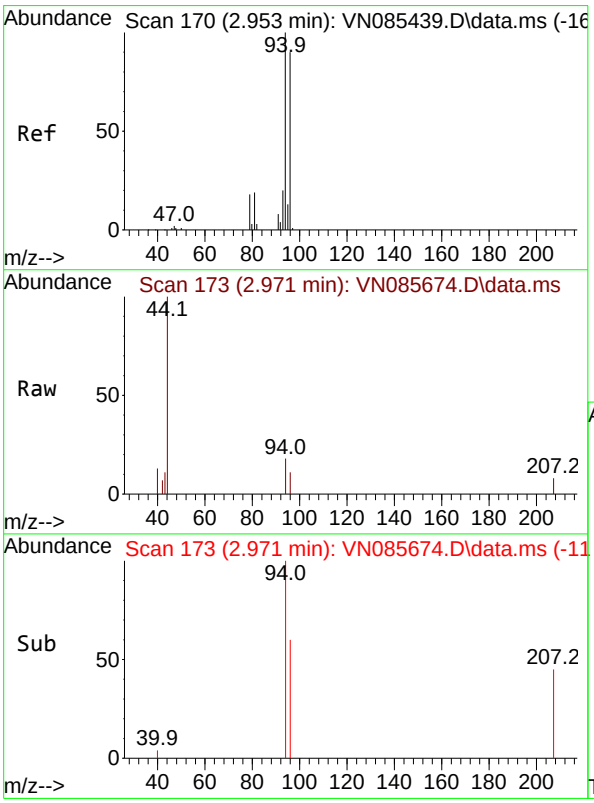
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 197142

Ion	Ratio	Lower	Upper
168	100		
99	62.0	53.6	80.4

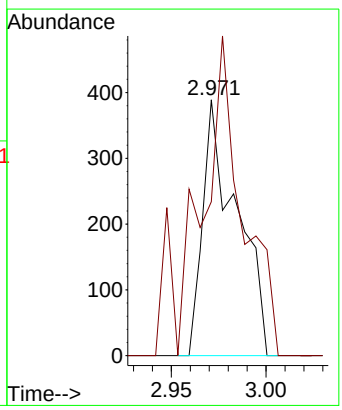


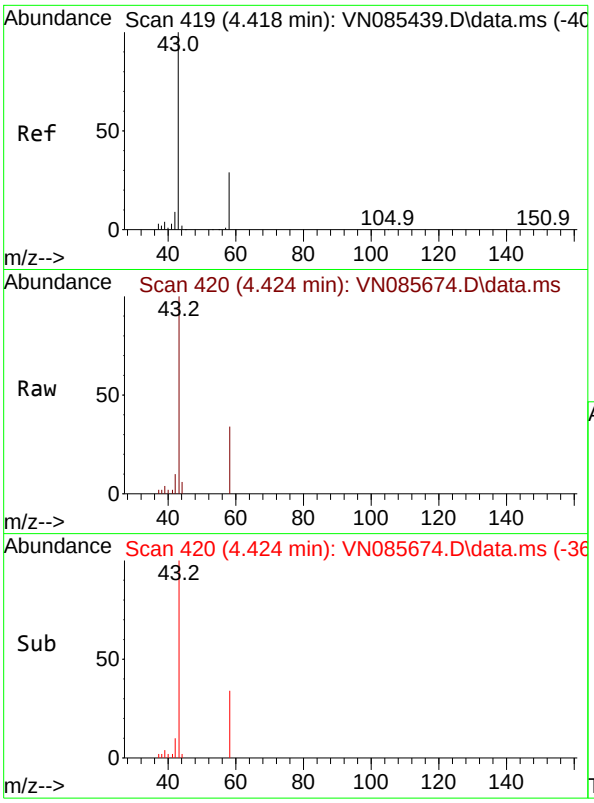


#5
Bromomethane
Concen: 0.275 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 94 Resp: 482

Ion	Ratio	Lower	Upper
94	100		
96	60.2	71.8	107.6#



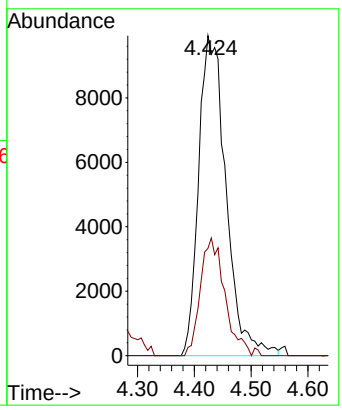


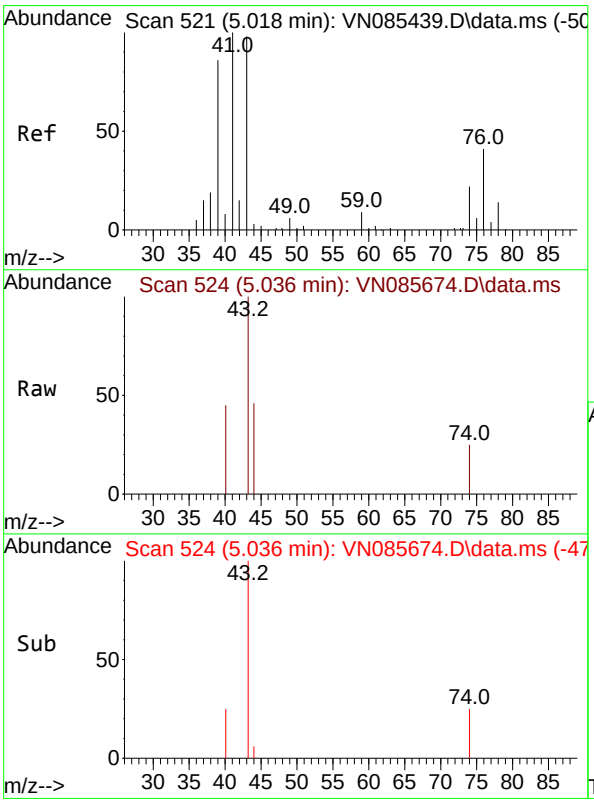
#16
Acetone
Concen: 32.266 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 33177

Ion	Ratio	Lower	Upper
43	100		
58	33.5	23.8	35.6

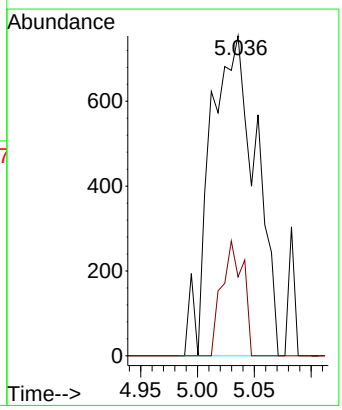


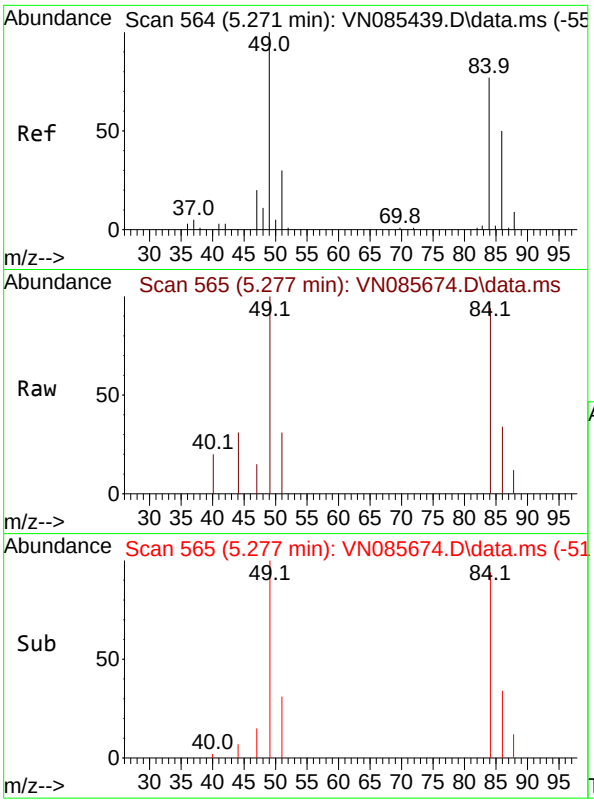


#18
Methyl Acetate
Concen: 0.674 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 43 Resp: 2106

Ion	Ratio	Lower	Upper
43	100		
74	16.9	18.6	28.0#



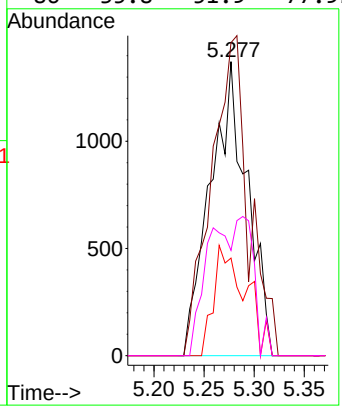


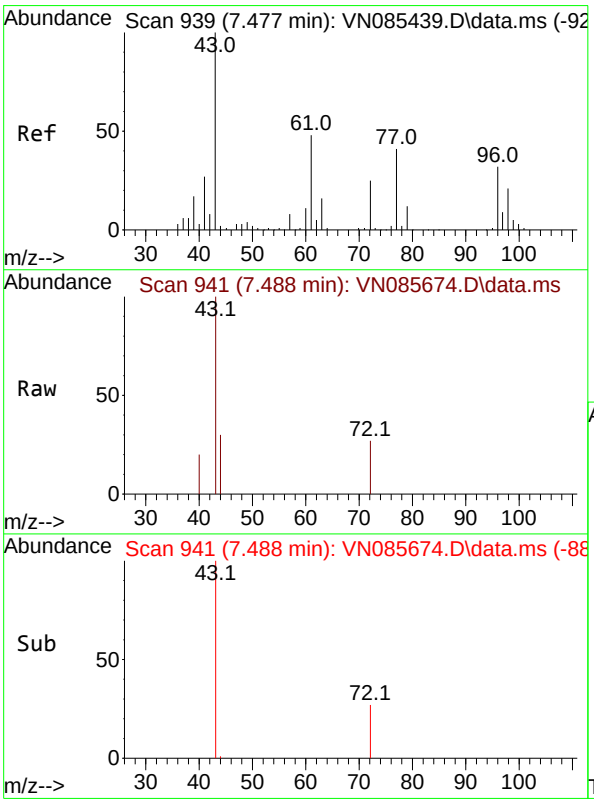
#20
Methylene Chloride
Concen: 1.370 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 3488

Ion	Ratio	Lower	Upper
84	100		
49	106.4	104.1	156.1
51	33.2	31.0	46.4
86	35.8	51.9	77.9#

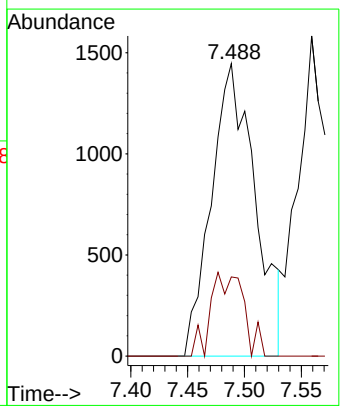


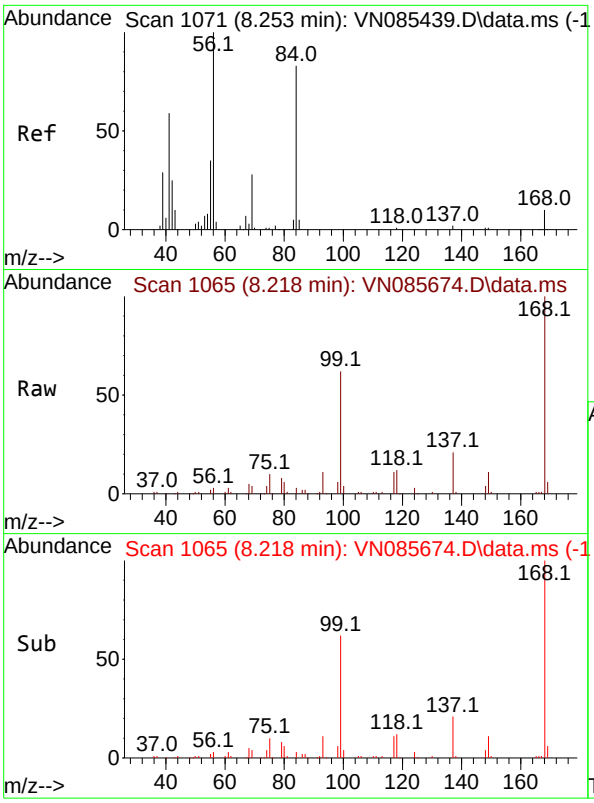


#25
2-Butanone
Concen: 2.560 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 43 Resp: 3874

Ion	Ratio	Lower	Upper
43	100		
72	27.0	20.2	30.4



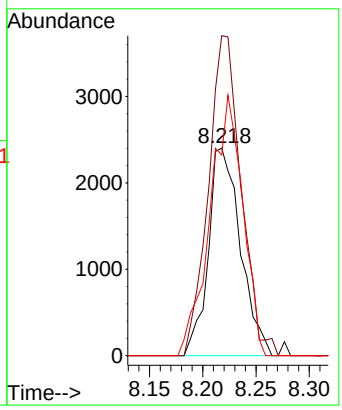


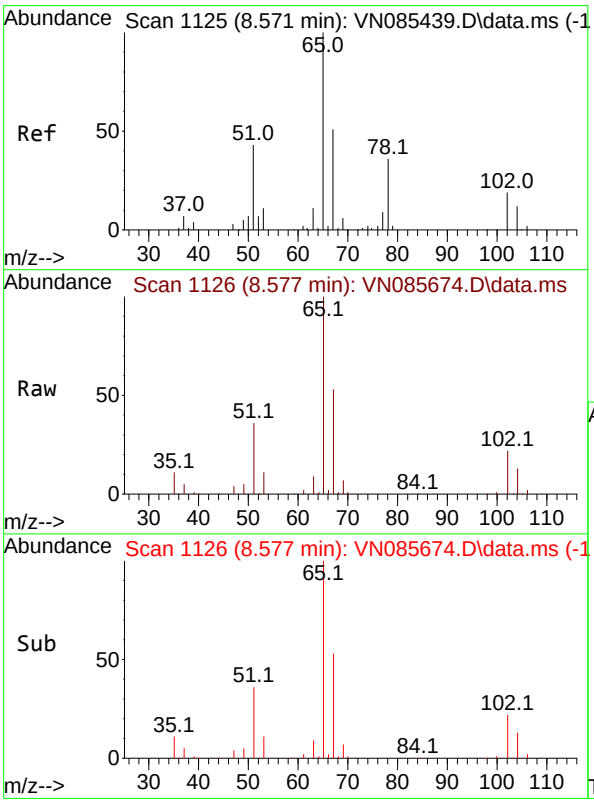
#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 5042

Ion	Ratio	Lower	Upper
56	100		
69	154.2	22.2	33.4#
84	96.7	66.4	99.6

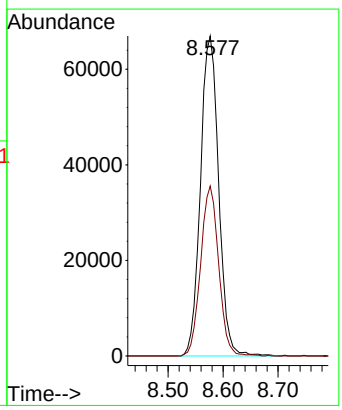


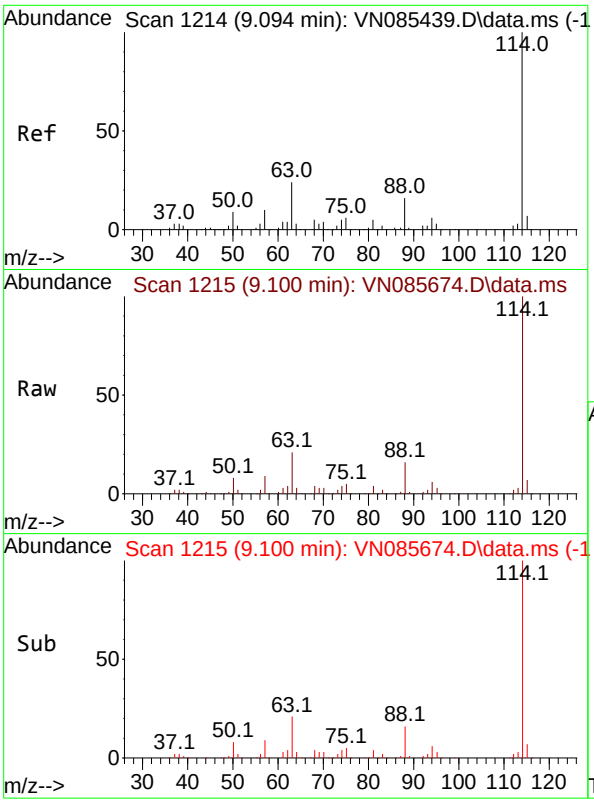


#33
1,2-Dichloroethane-d4
Concen: 48.352 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 65 Resp: 153871

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	101.6



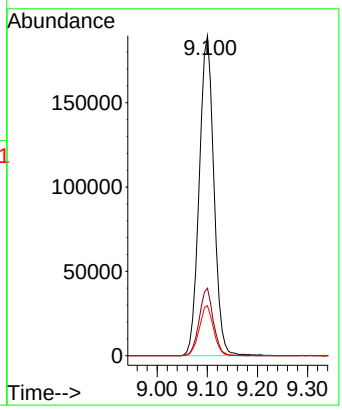


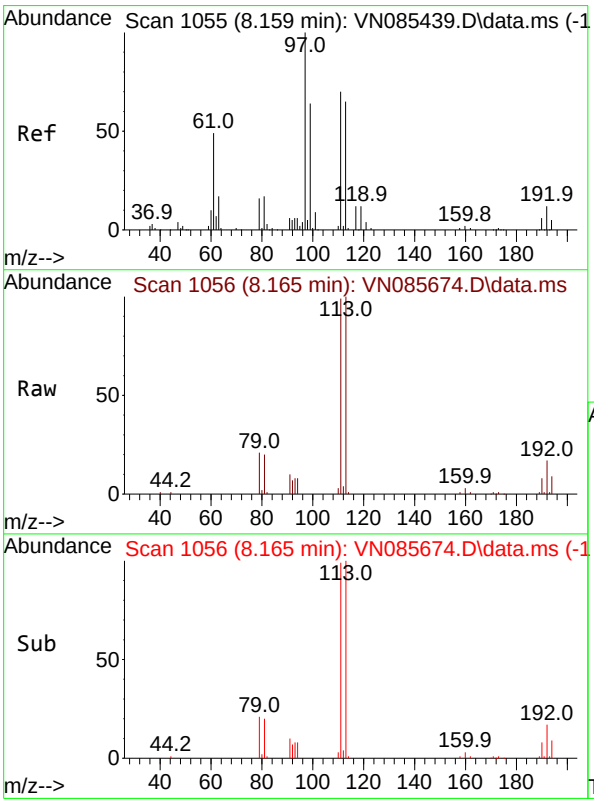
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 385821

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	47.6
88	15.6	0.0	32.6

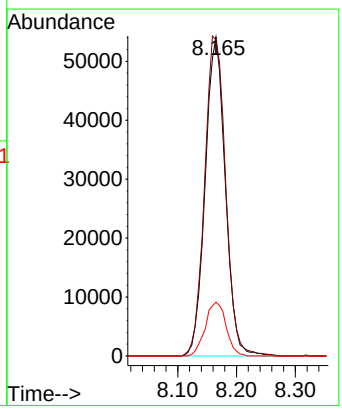


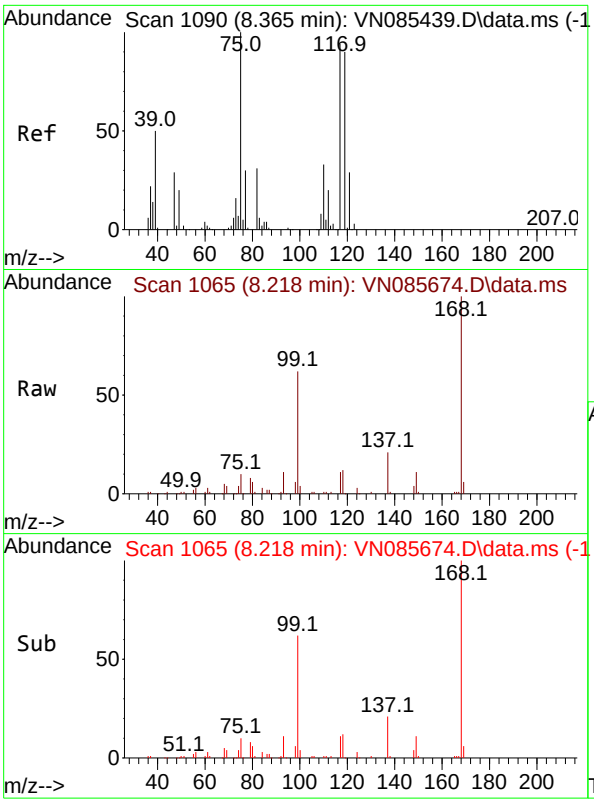


#35
Dibromofluoromethane
Concen: 48.142 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion:113 Resp: 128858

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.7	124.1
192	17.4	14.3	21.5



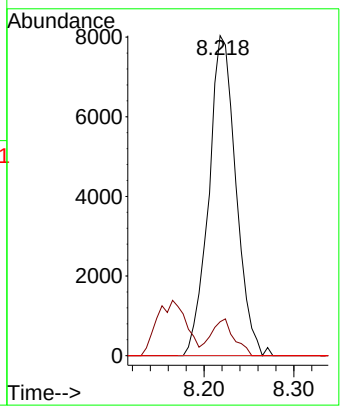


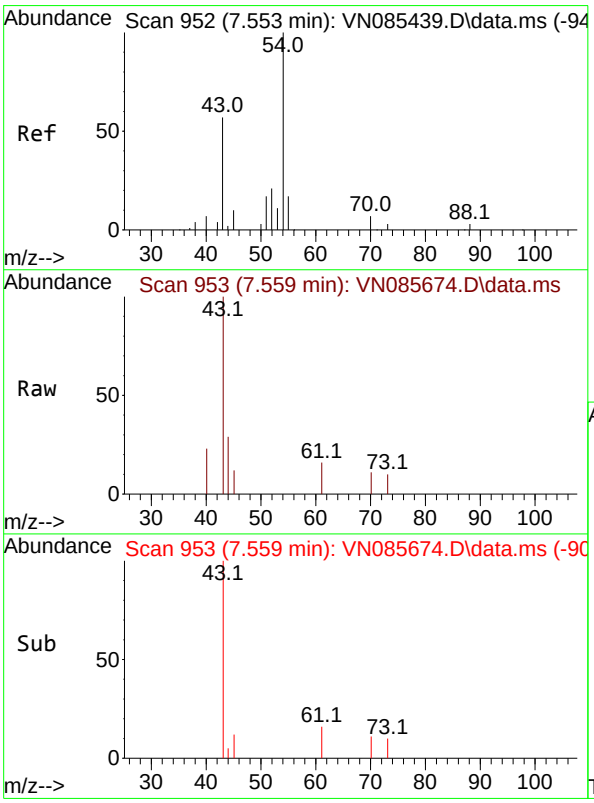
#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 16934

Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.5	49.5#
77	0.0	24.4	36.6#

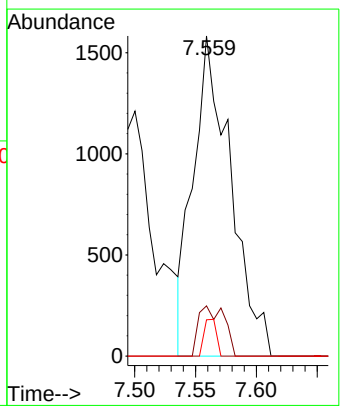


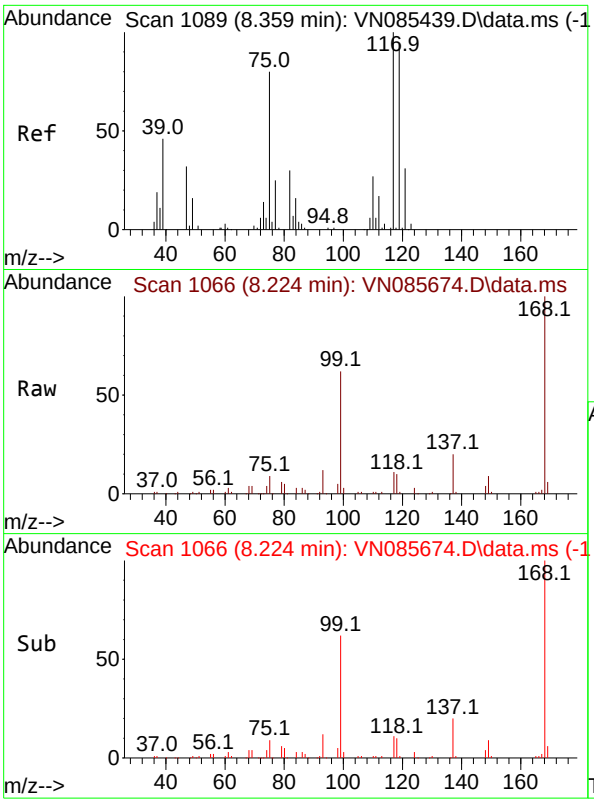


#37
Ethyl Acetate
Concen: 0.893 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 43 Resp: 3387

Ion	Ratio	Lower	Upper
43	100		
61	10.8	10.9	16.3#
70	3.7	7.5	11.3#



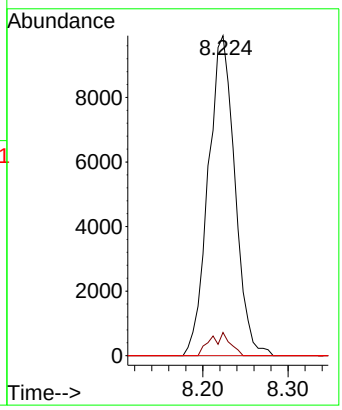


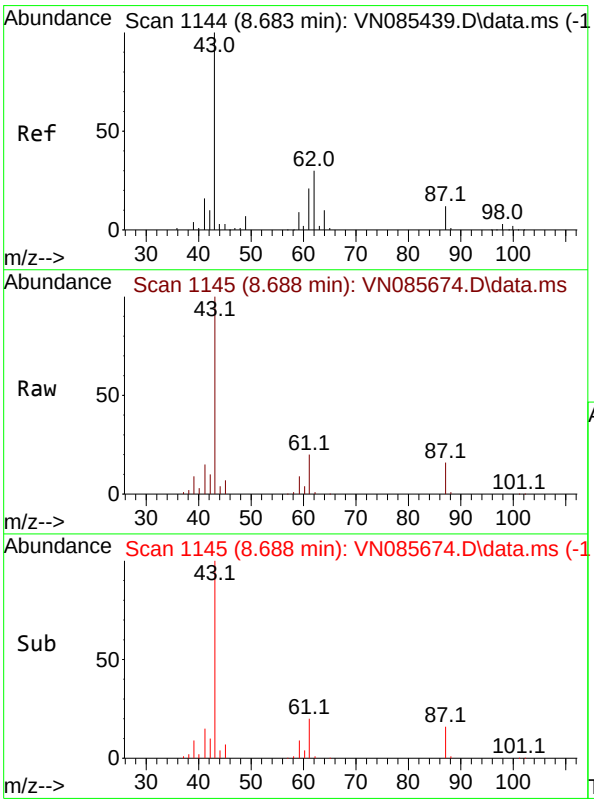
#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 21504

Ion	Ratio	Lower	Upper
117	100		
119	7.3	75.4	113.2#
121	0.0	24.6	37.0#

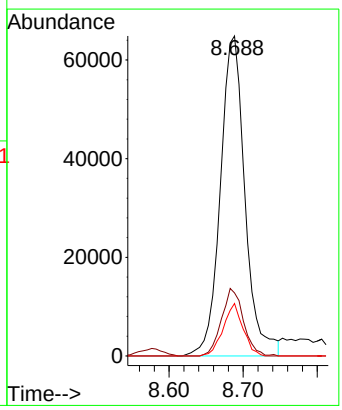


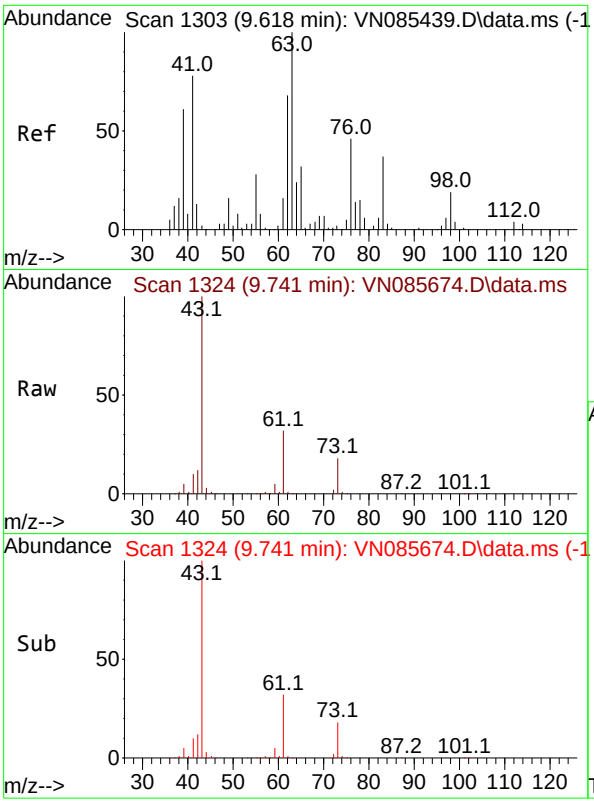


#43
Isopropyl Acetate
Concen: 24.692 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 43 Resp: 150023

Ion	Ratio	Lower	Upper
43	100		
61	18.7	20.7	31.1#
87	13.2	9.8	14.8



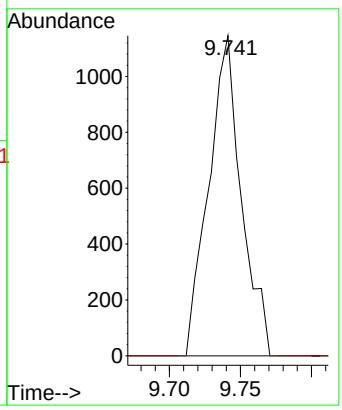


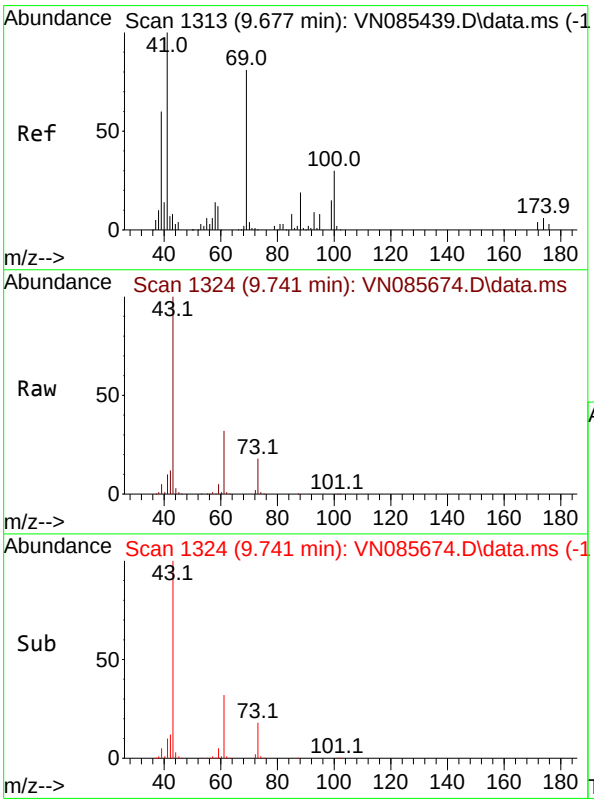
#45
1,2-Dichloropropane
Concen: 0.636 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.123 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1833

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

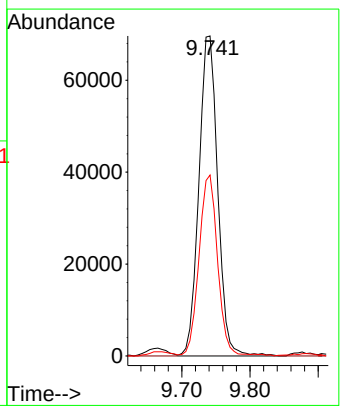


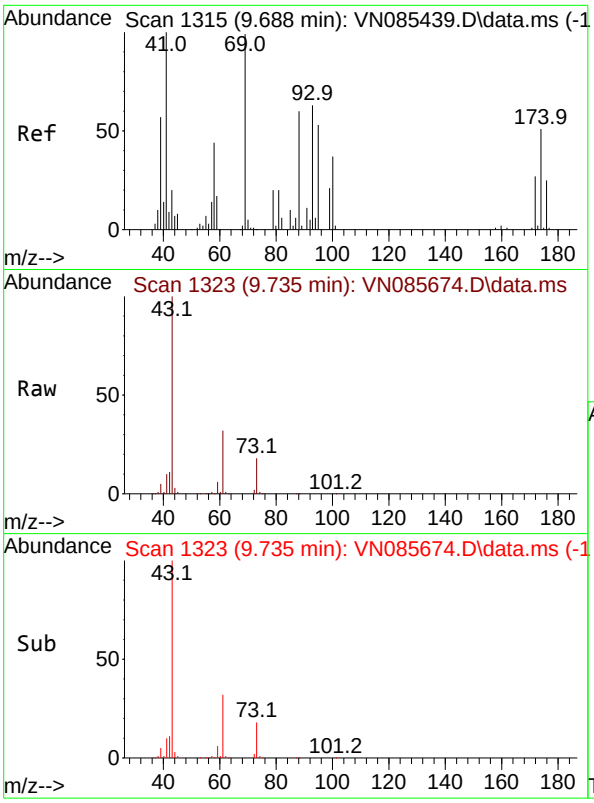


#48
Methyl methacrylate
Concen: 48.887 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.064 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 41 Resp: 133668

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	54.8	49.0	73.6



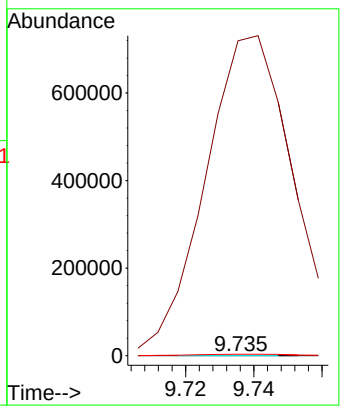


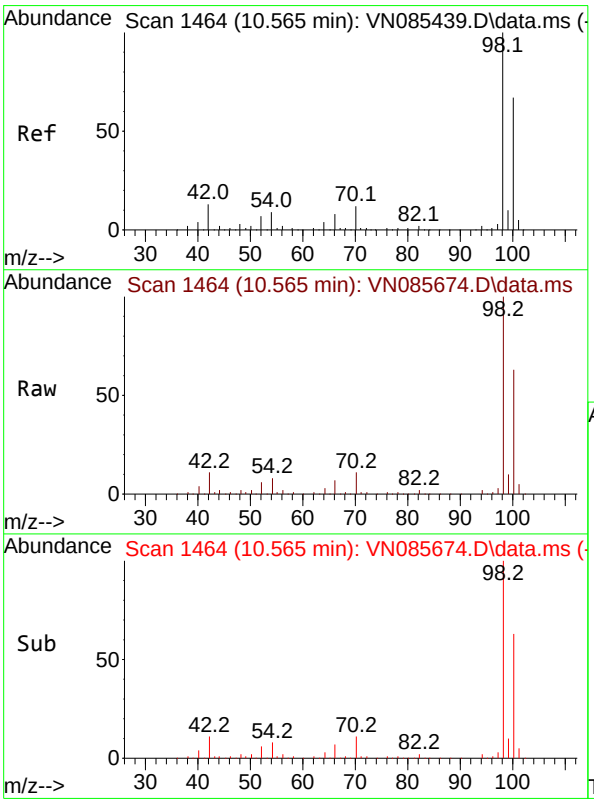
#49
1,4-Dioxane
Concen: 2.584 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 119

Ion	Ratio	Lower	Upper
88	100		
43	1125823.5	26.6	39.8#
58	6221.0	59.5	89.3#

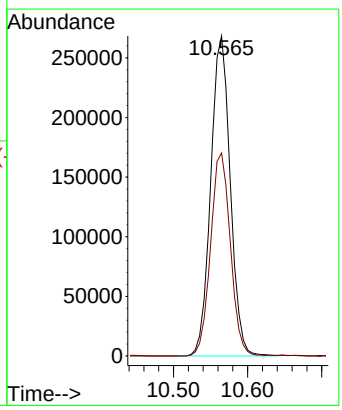


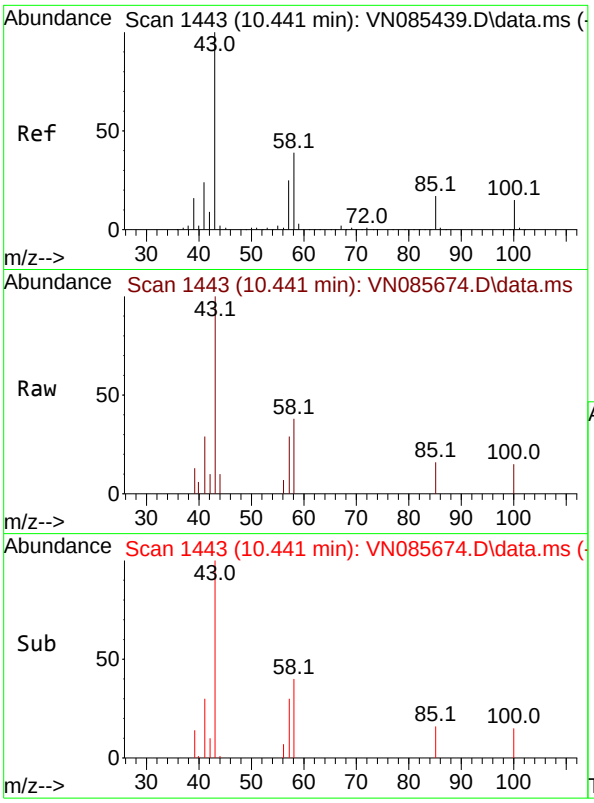


#50
Toluene-d8
Concen: 51.585 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 98 Resp: 490580

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4



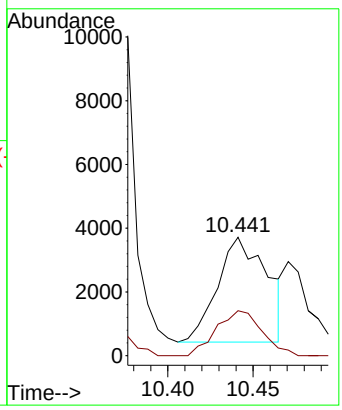


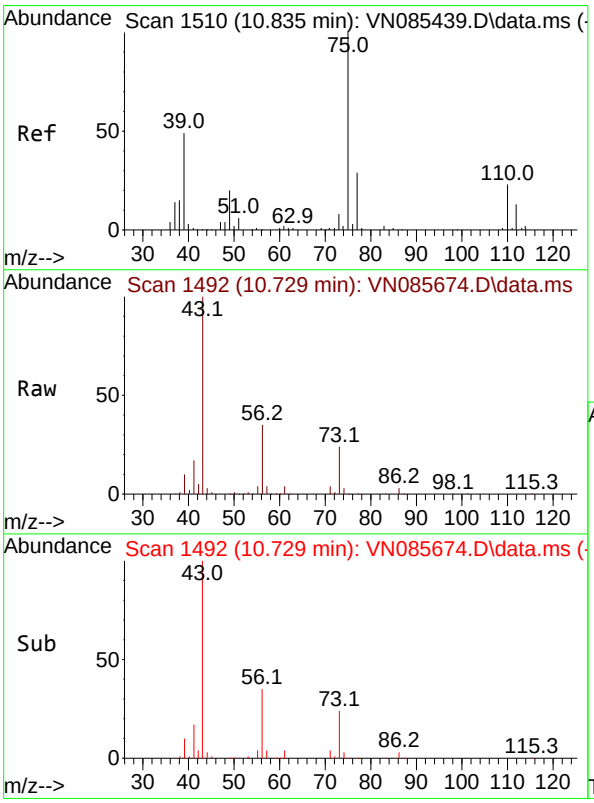
#51
4-Methyl-2-Pentanone
Concen: 1.887 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6653

Ion	Ratio	Lower	Upper
43	100		
58	39.6	30.5	45.7

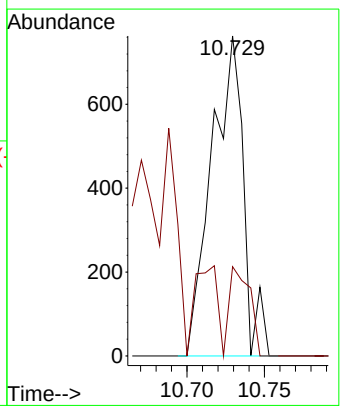


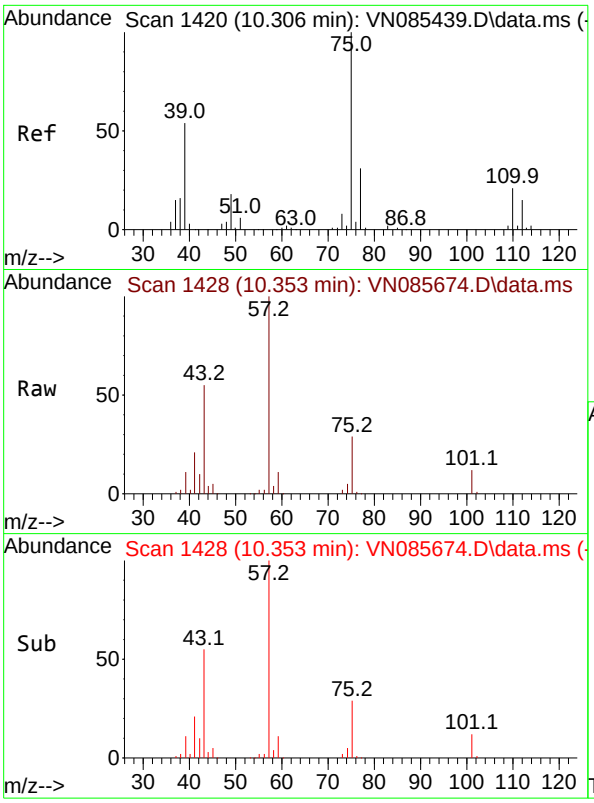


#53
t-1,3-Dichloropropene
Concen: 0.271 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 75 Resp: 1084

Ion	Ratio	Lower	Upper
75	100		
77	27.9	23.5	35.3



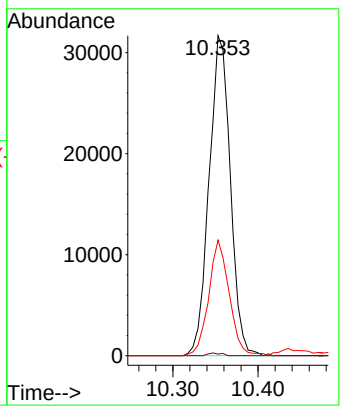


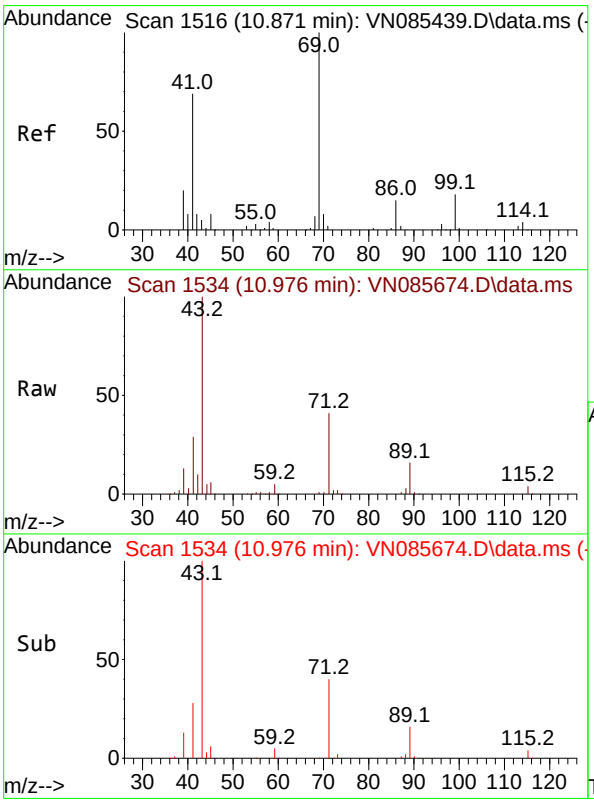
#54
cis-1,3-Dichloropropene
Concen: 12.822 ug/l
RT: 10.353 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 54857

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.0	37.4#
39	36.1	43.1	64.7#

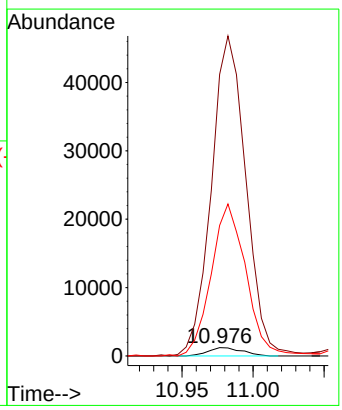


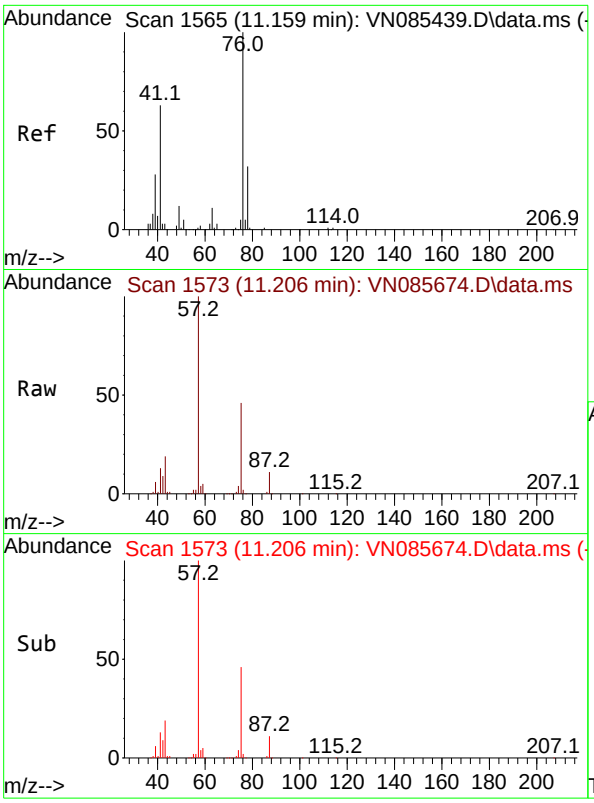


#56
Ethyl methacrylate
Concen: 2.381 ug/l
RT: 10.976 min Scan# 1534
Delta R.T. 0.105 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 69 Resp: 2041

Ion	Ratio	Lower	Upper
69	100		
41	3885.1	54.6	82.0#
39	1860.8	32.4	48.6#



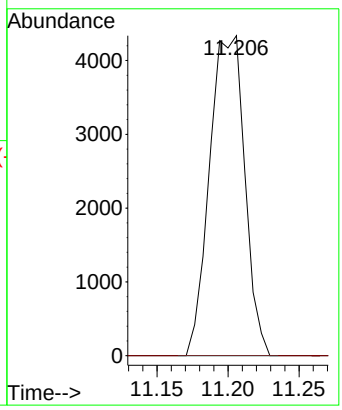


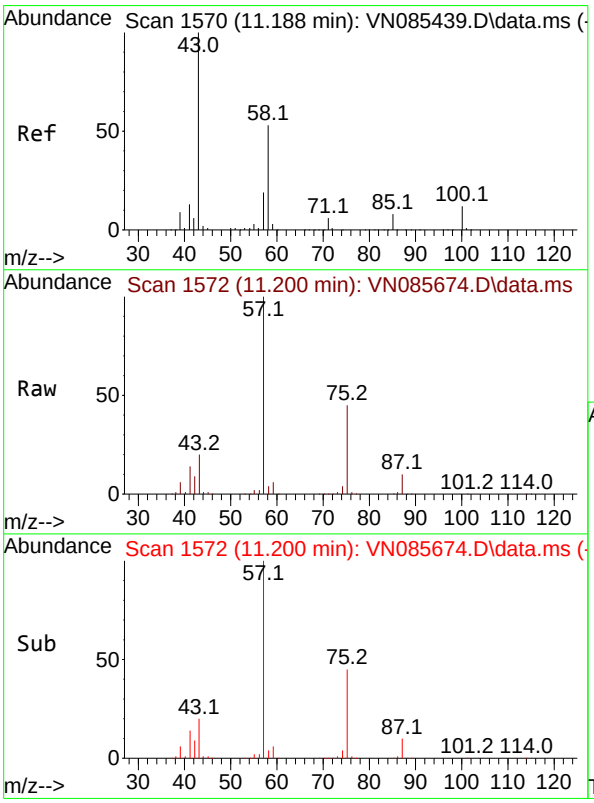
#57
1,3-Dichloropropane
Concen: 1.658 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 7460

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

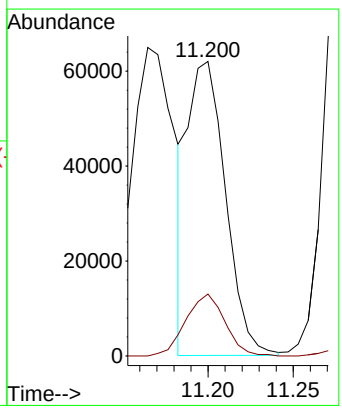


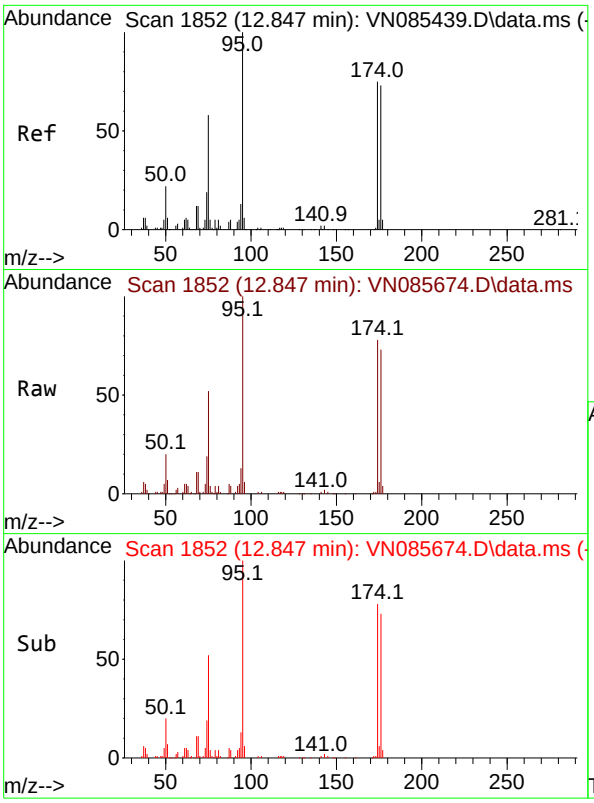


#59
2-Hexanone
Concen: 38.571 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 43 Resp: 95685

Ion	Ratio	Lower	Upper
43	100		
58	21.8	26.2	78.6#



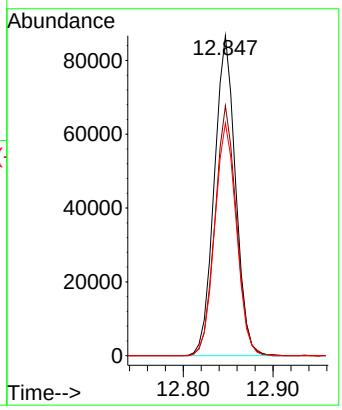


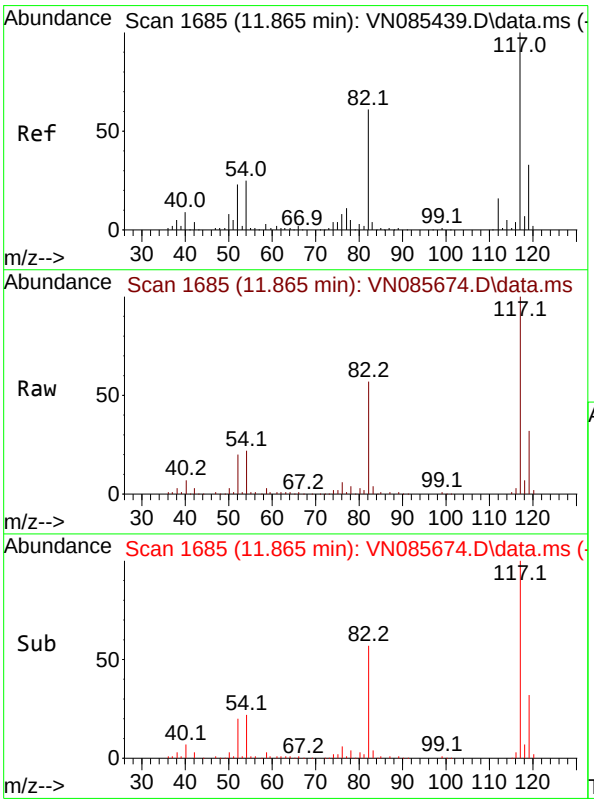
#62
4-Bromofluorobenzene
Concen: 43.709 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 142193

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	145.0
176	74.4	0.0	142.4

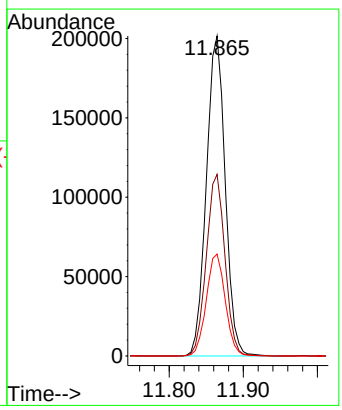


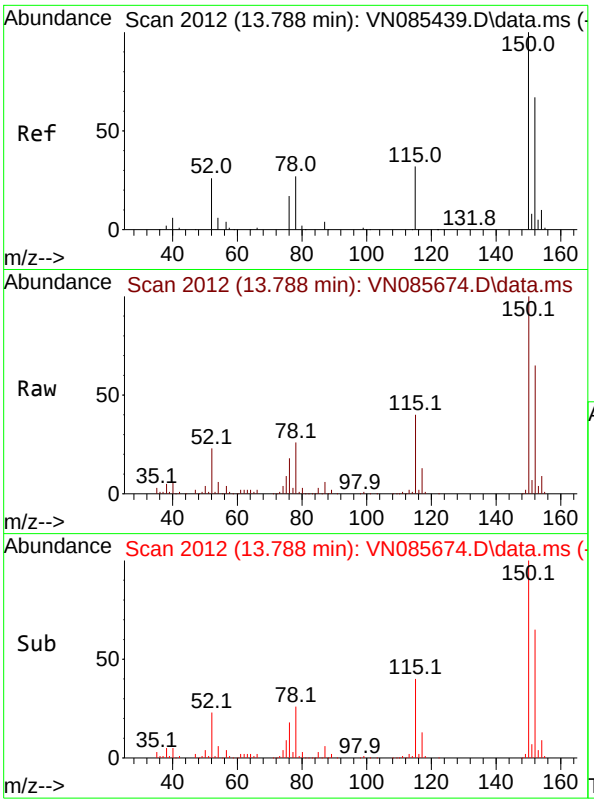


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion:117 Resp: 355607

Ion	Ratio	Lower	Upper
117	100		
82	56.7	48.6	72.8
119	31.8	26.6	39.8



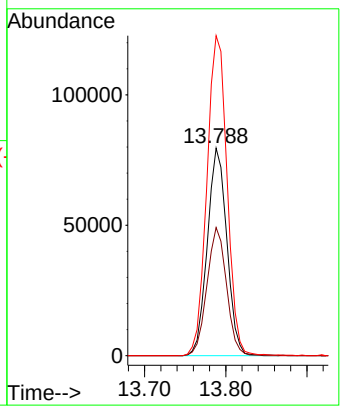


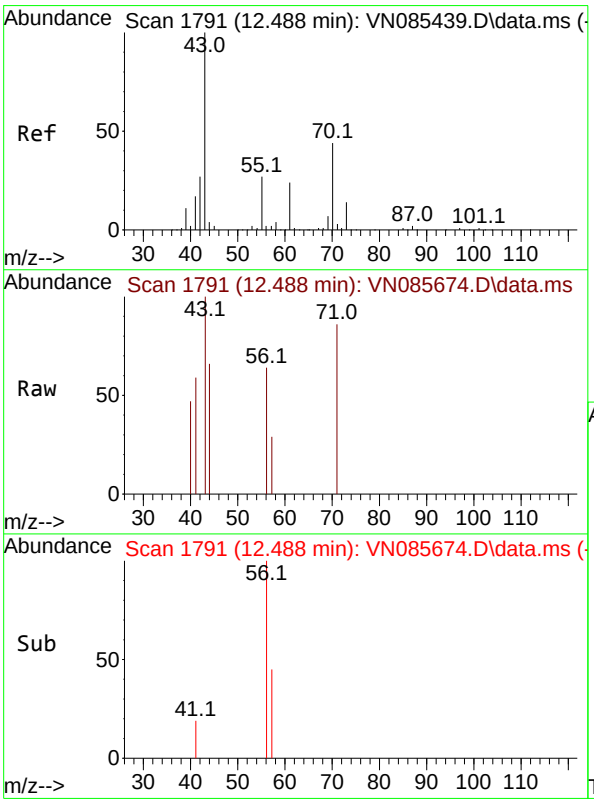
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 132983

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.1	93.3
150	159.0	0.0	343.6

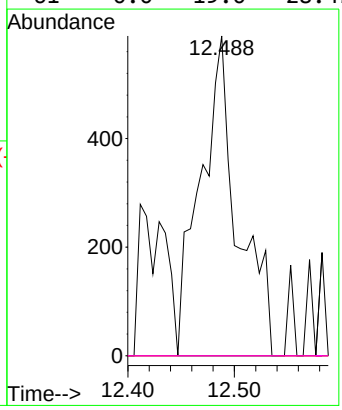


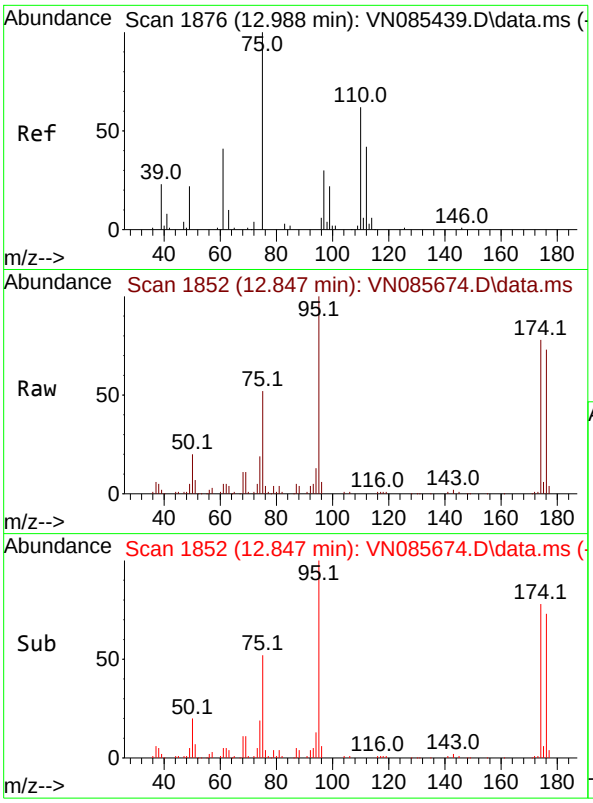


#74
N-amyl acetate
Concen: 0.355 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 43 Resp: 1432

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



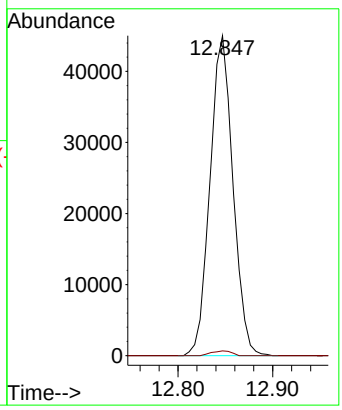


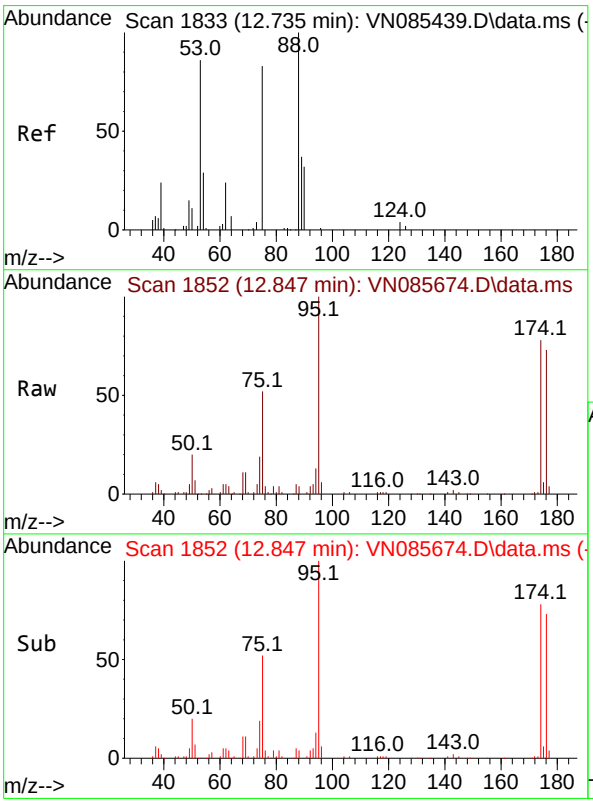
#76
1,2,3-Trichloropropane
Concen: 28.029 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 75761

Ion	Ratio	Lower	Upper
75	100		
77	1.3	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.836 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085674.D
Acq: 05 Feb 2025 13:59

Tgt Ion: 75 Resp: 75761

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