Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085456.D
Acq On : 15 Jan 2025 13:01
Operator : JC\MD
Sample : PB166029TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Quant Time: Jan 16 00:57:04 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	8.223	168	181616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	321375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	159448	54.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.780%			
35) Dibromofluoromethane	8.165	113	120640	49.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	10.564	98	444413	51.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.847	95	141316	48.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.240%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	703	0.264	ug/l	94
5) Bromomethane	2.971	94	672	0.416	ug/l	97
6) Chloroethane	3.112	64	499	0.294	ug/l #	44
11) Tert butyl alcohol	5.506	59	898	2.675	ug/l #	71
13) Acrolein	4.283	56	334	0.729	ug/l #	38
16) Acetone	4.424	43	100674	106.281	ug/l	99
18) Methyl Acetate	5.030	43	1606	0.558	ug/l #	60
20) Methylene Chloride	5.282	84	827	0.353	ug/l #	86
25) 2-Butanone	7.482	43	9452	6.781	ug/l	93
31) Cyclohexane	8.223	56	5147	1.383	ug/l #	40
36) 1,1-Dichloropropene	8.218	75	17381	5.126	ug/l #	50
37) Ethyl Acetate	7.553	43	3687	1.077	ug/l #	86
38) Carbon Tetrachloride	8.218	117	19973	5.145	ug/l #	18
42) 1,2-Dichloroethane	8.682	62	942	0.245	ug/l #	76
43) Isopropyl Acetate	8.682	43	179066	32.650	ug/l #	85
45) 1,2-Dichloropropane	9.735	63	1733	0.666	ug/l #	43
48) Methyl methacrylate	9.735	41	144340	58.482	ug/l #	45
49) 1,4-Dioxane	9.735	88	91	2.189	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	15841	4.977	ug/l #	77
53) t-1,3-Dichloropropene	10.729	75	898	0.248	ug/l #	45
54) cis-1,3-Dichloropropene	10.353	75	48210	12.483	ug/l #	69
56) Ethyl methacrylate	10.817	69	191	1.978	ug/l #	23
57) 1,3-Dichloropropane	11.200	76	7006	1.725	ug/l #	43
59) 2-Hexanone	11.200	43	100322	44.800	ug/l #	54
74) N-amyl acetate	12.458	43	2322	0.596	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	79502	30.441	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79502	82.362	ug/l #	3

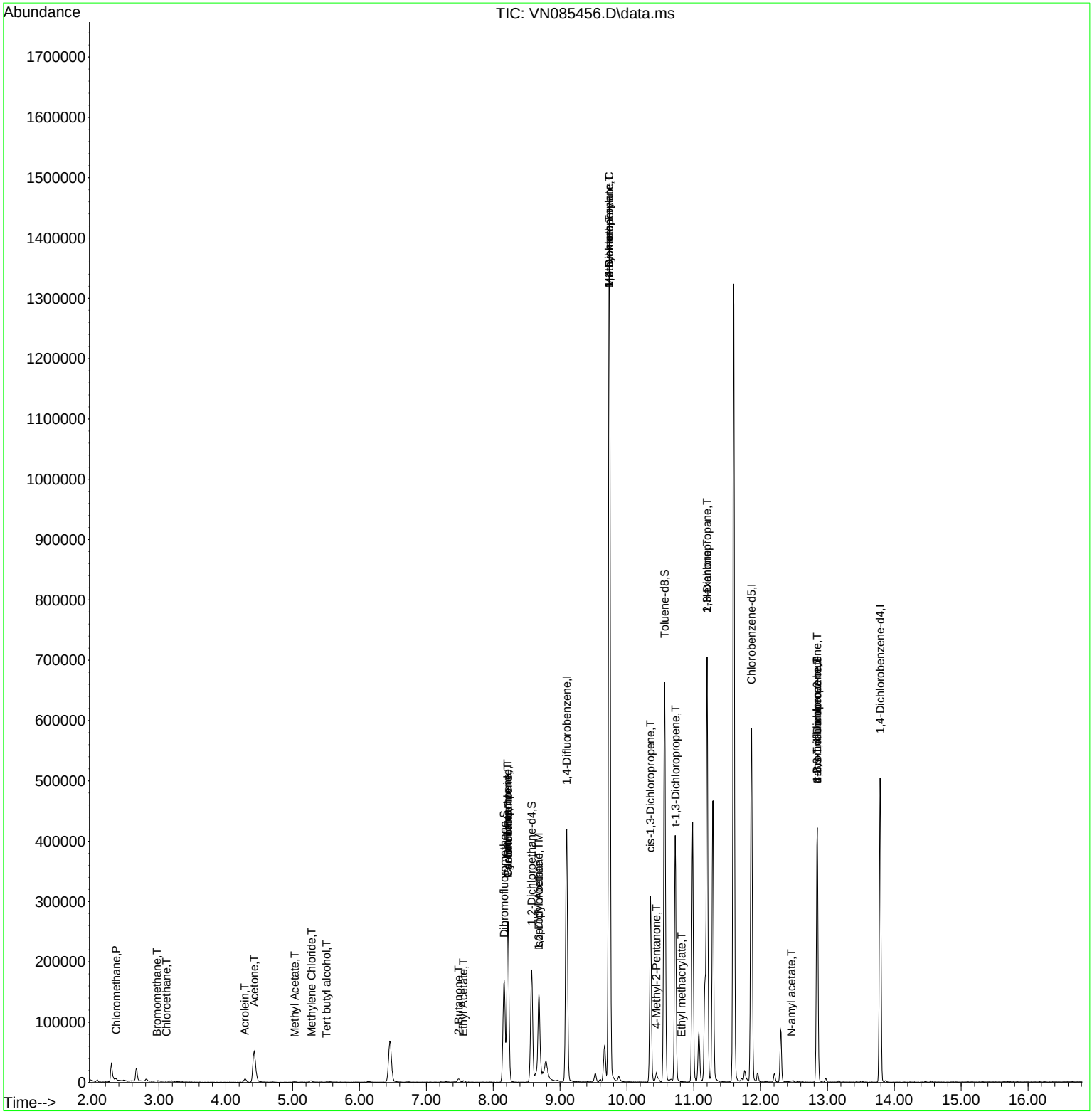
(#) = qualifier out of range (m) = manual integration (+) = signals summed

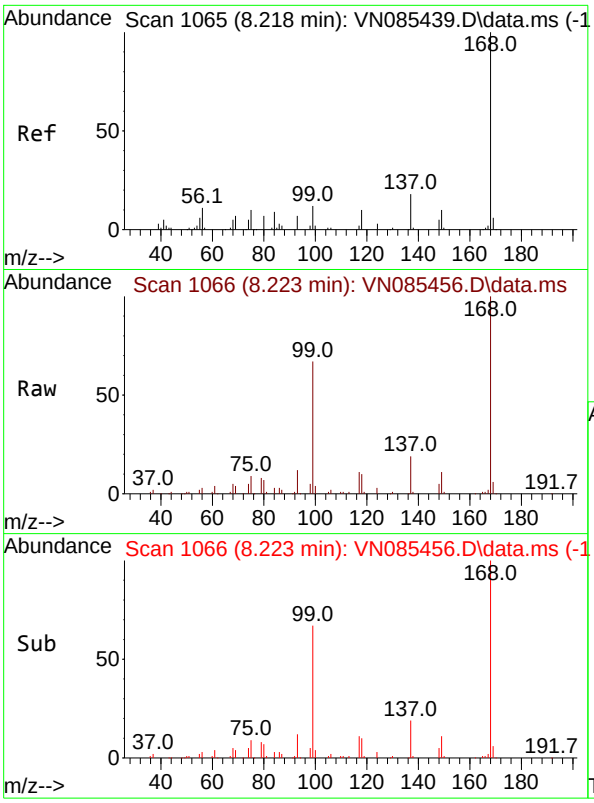
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085456.D
Acq On : 15 Jan 2025 13:01
Operator : JC\MD
Sample : PB166029TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Quant Time: Jan 16 00:57:04 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



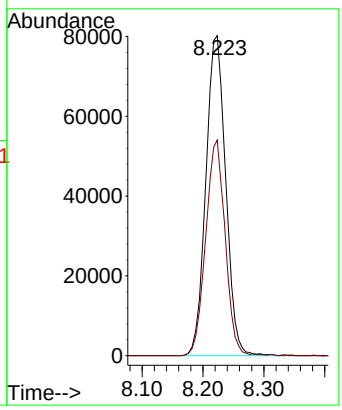


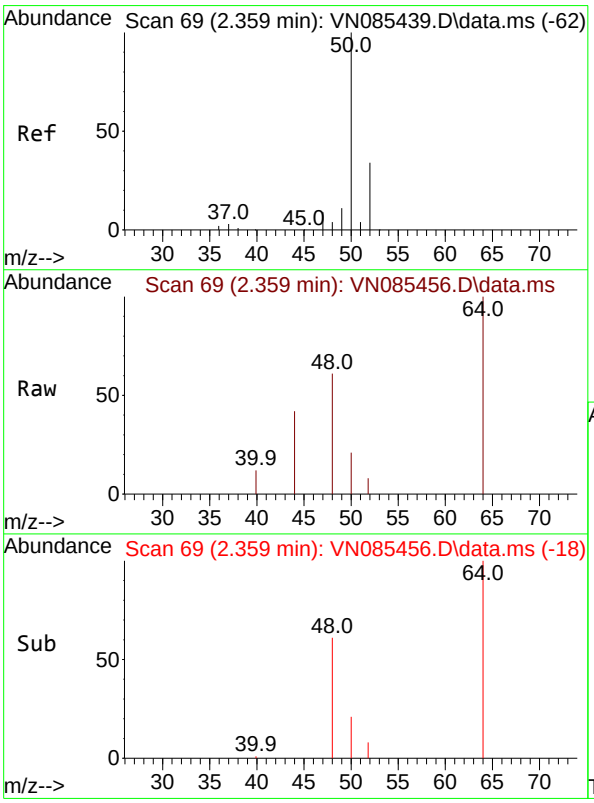
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion:168 Resp: 181616

Ion	Ratio	Lower	Upper
168	100		
99	67.4	53.6	80.4

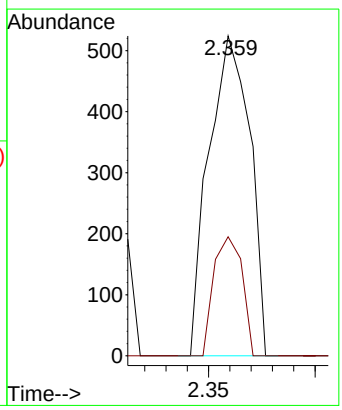


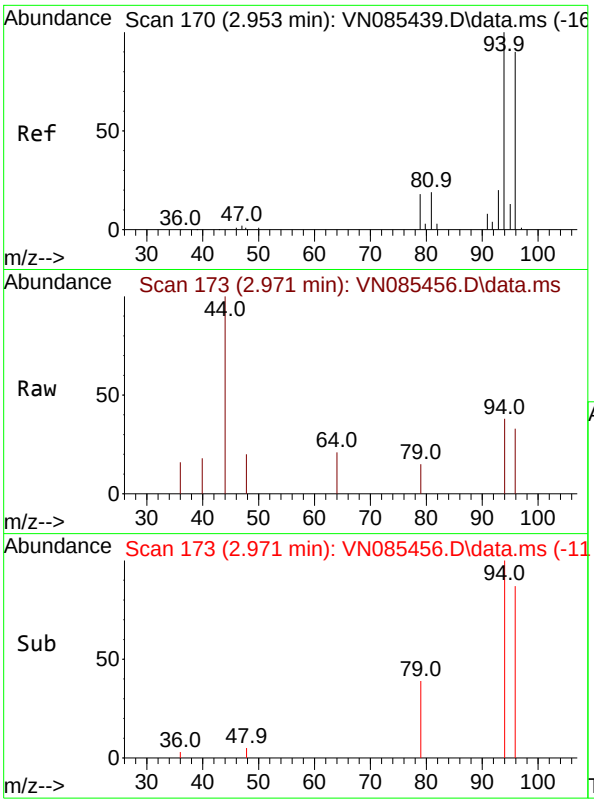


#3
Chloromethane
Concen: 0.264 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 50 Resp: 703

Ion	Ratio	Lower	Upper
50	100		
52	37.2	27.0	40.6



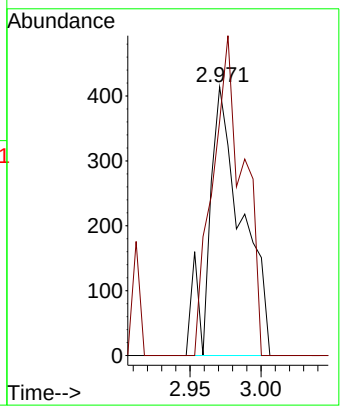


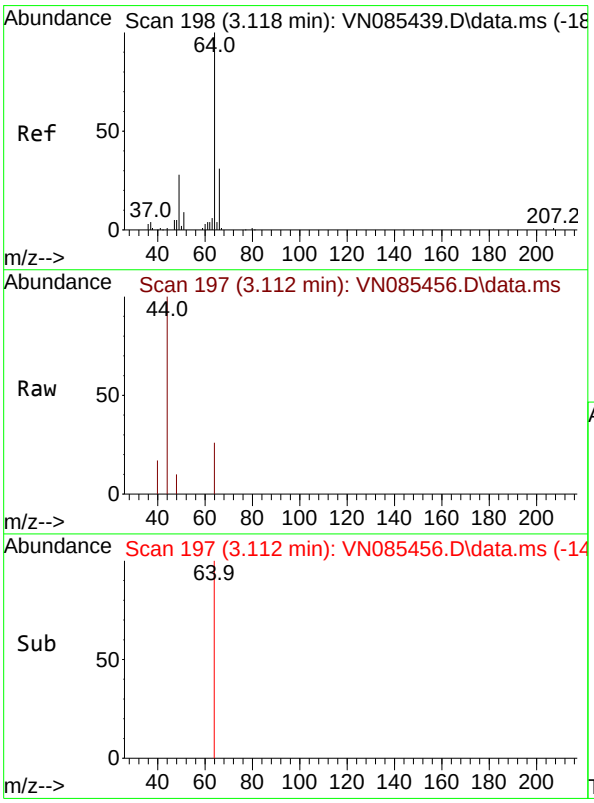
#5
Bromomethane
Concen: 0.416 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.017 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 94 Resp: 672

Ion	Ratio	Lower	Upper
94	100		
96	87.2	71.8	107.6

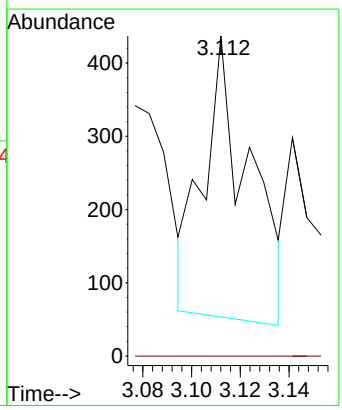


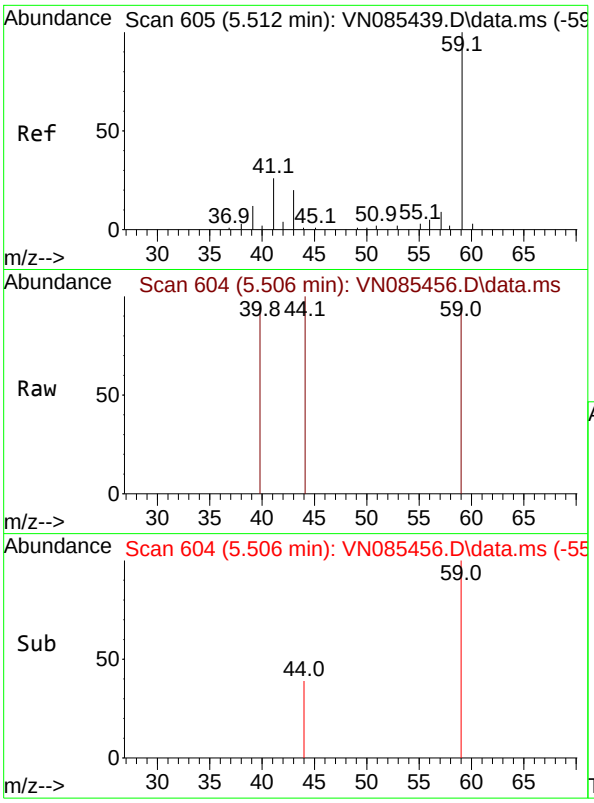


#6
Chloroethane
Concen: 0.294 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 64 Resp: 499

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



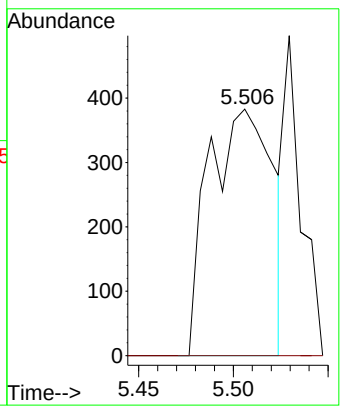


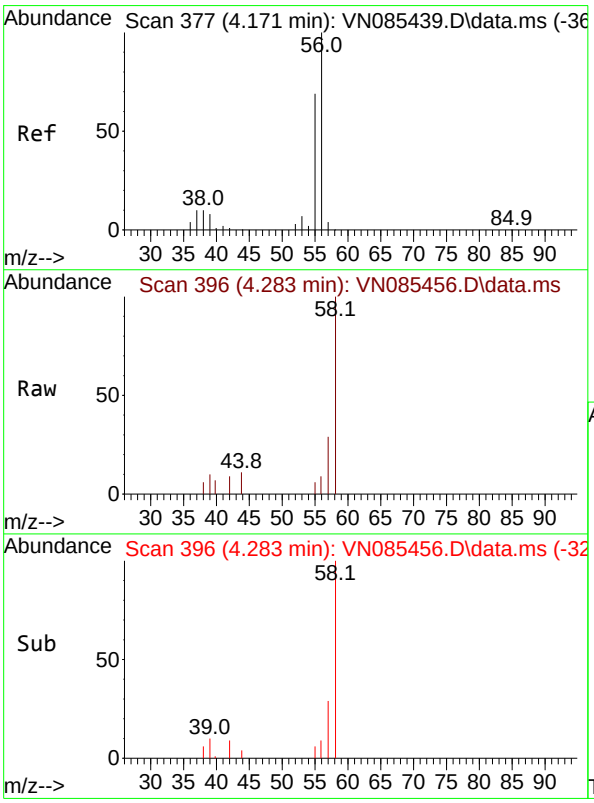
#11
Tert butyl alcohol
Concen: 2.675 ug/l
RT: 5.506 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 59 Resp: 898

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

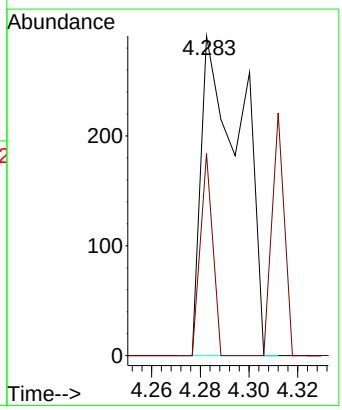


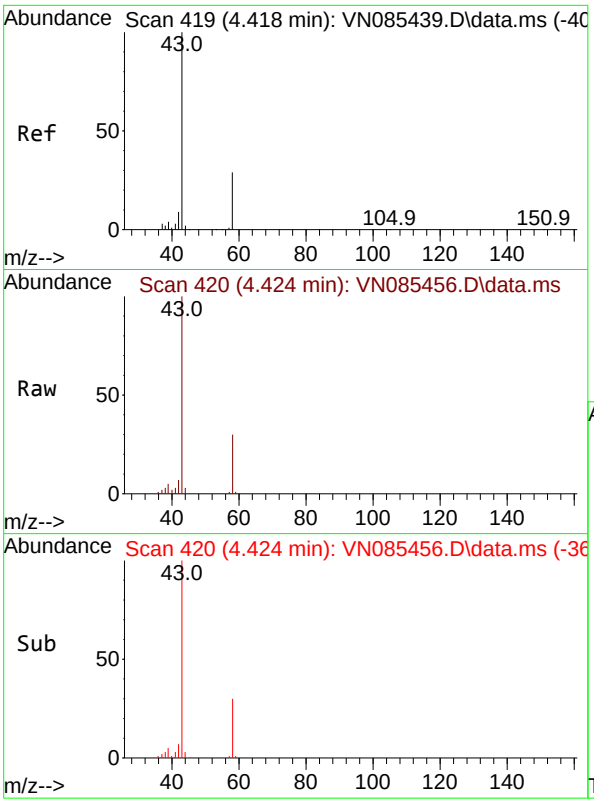


#13
Acrolein
Concen: 0.729 ug/l
RT: 4.283 min Scan# 396
Delta R.T. 0.111 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 56 Resp: 334

Ion	Ratio	Lower	Upper
56	100		
55	19.5	56.3	84.5#



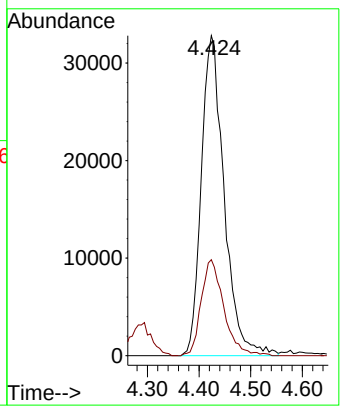


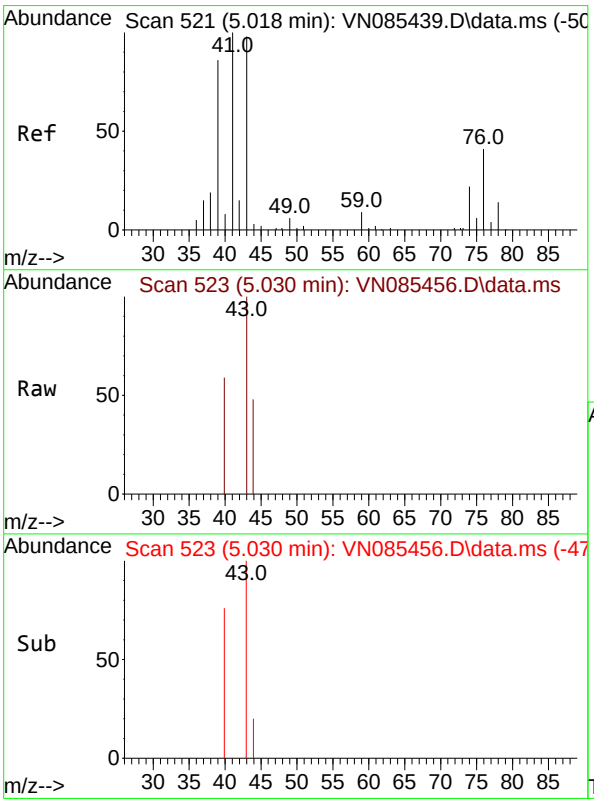
#16
Acetone
Concen: 106.281 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 43 Resp: 100674

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.6

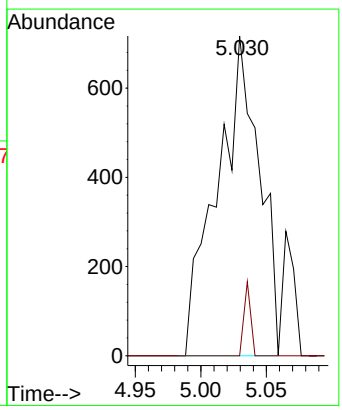


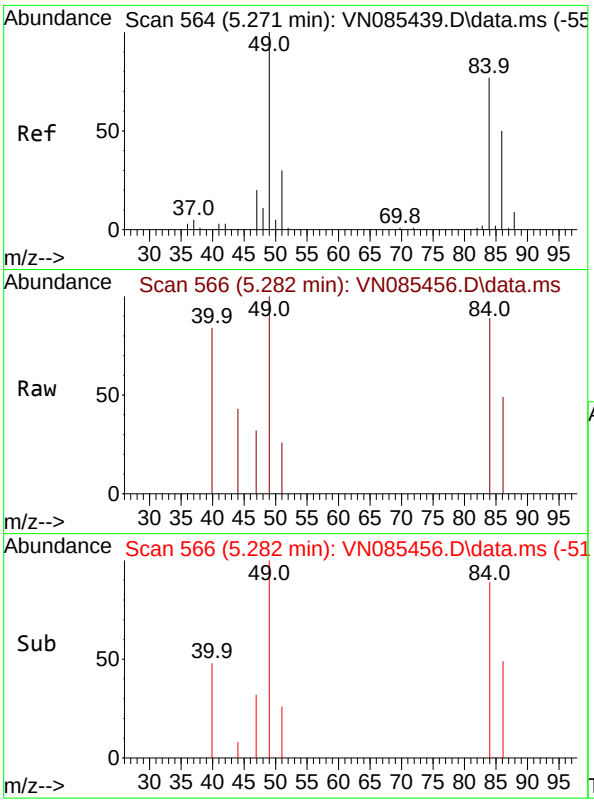


#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 43 Resp: 1606

Ion	Ratio	Lower	Upper
43	100		
74	3.7	18.6	28.0#



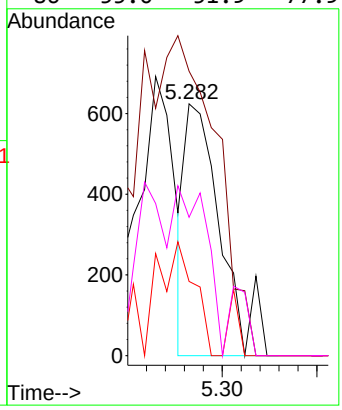


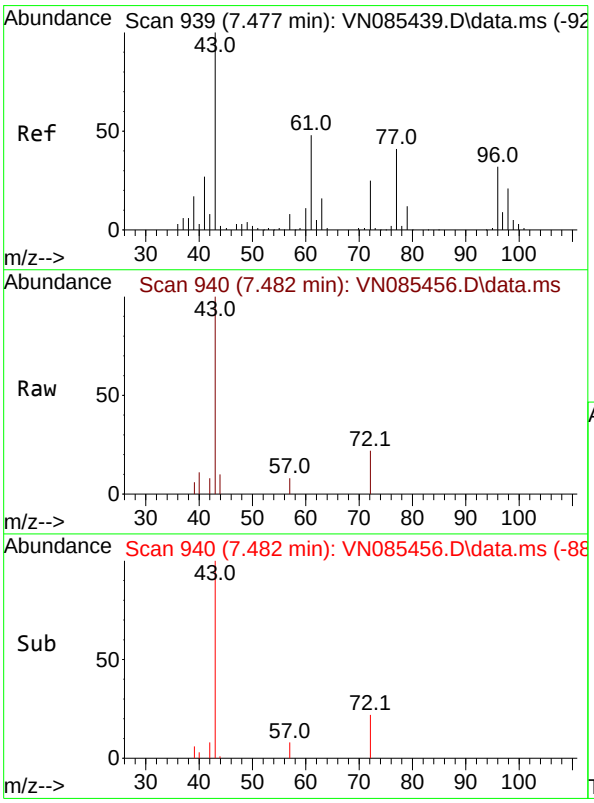
#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 5.282 min Scan# 5
Delta R.T. 0.011 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 84 Resp: 827

Ion	Ratio	Lower	Upper
84	100		
49	113.0	104.1	156.1
51	29.5	31.0	46.4#
86	55.0	51.9	77.9

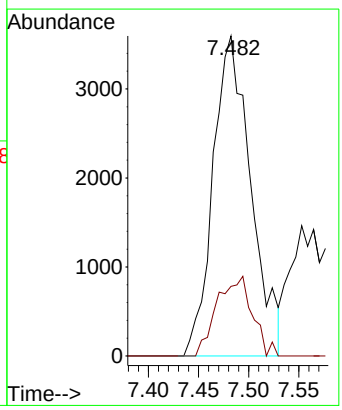


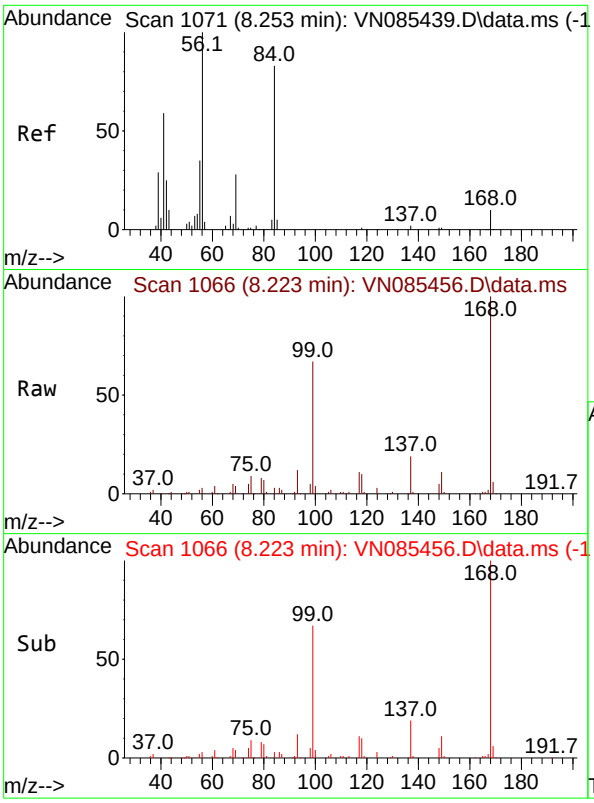


#25
2-Butanone
Concen: 6.781 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 43 Resp: 9452

Ion	Ratio	Lower	Upper
43	100		
72	21.7	20.2	30.4



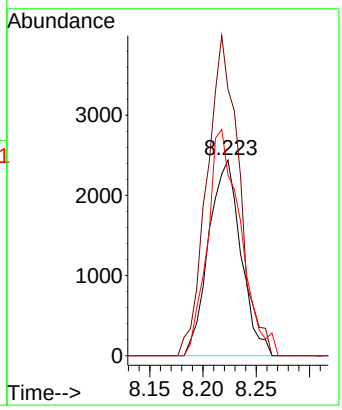


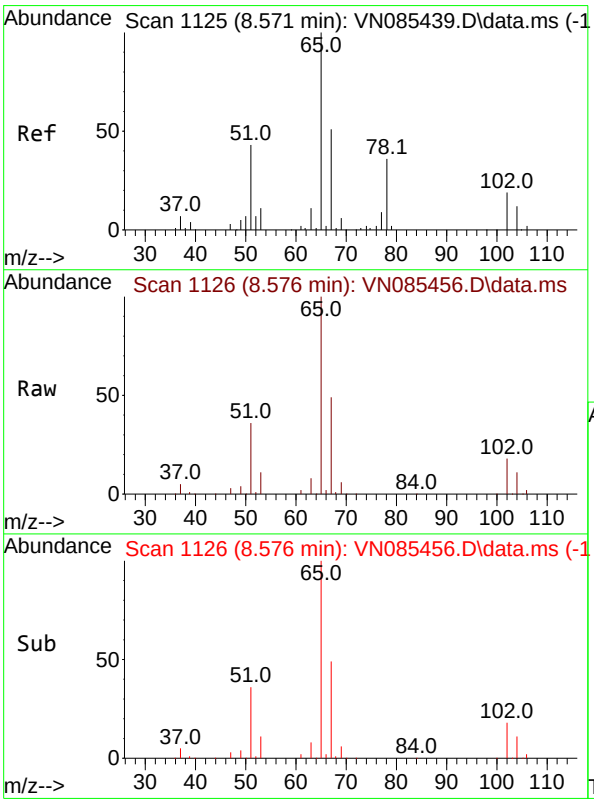
#31
Cyclohexane
Concen: 1.383 ug/l
RT: 8.223 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 56 Resp: 5147

Ion	Ratio	Lower	Upper
56	100		
69	136.4	22.2	33.4#
84	92.4	66.4	99.6

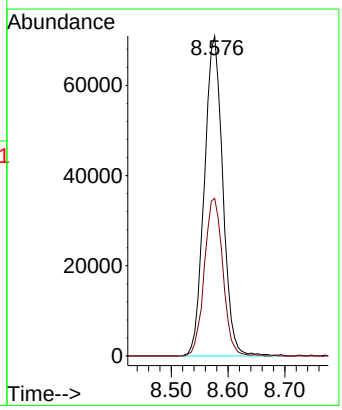


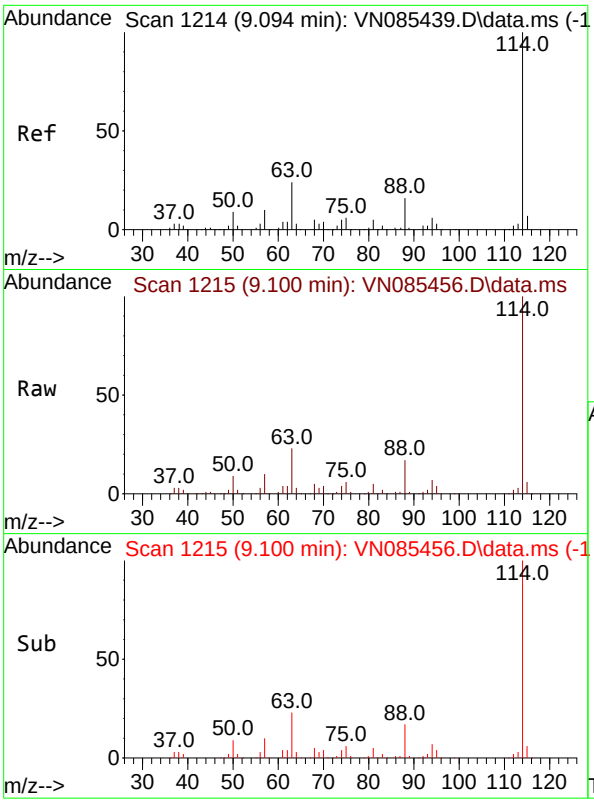


#33
1,2-Dichloroethane-d4
Concen: 54.388 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 65 Resp: 159448

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	101.6



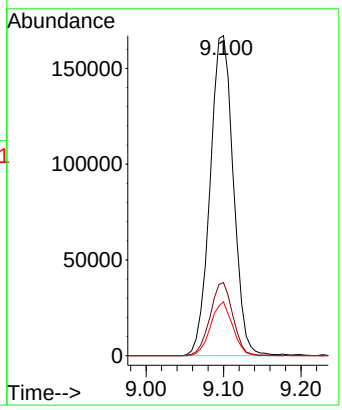


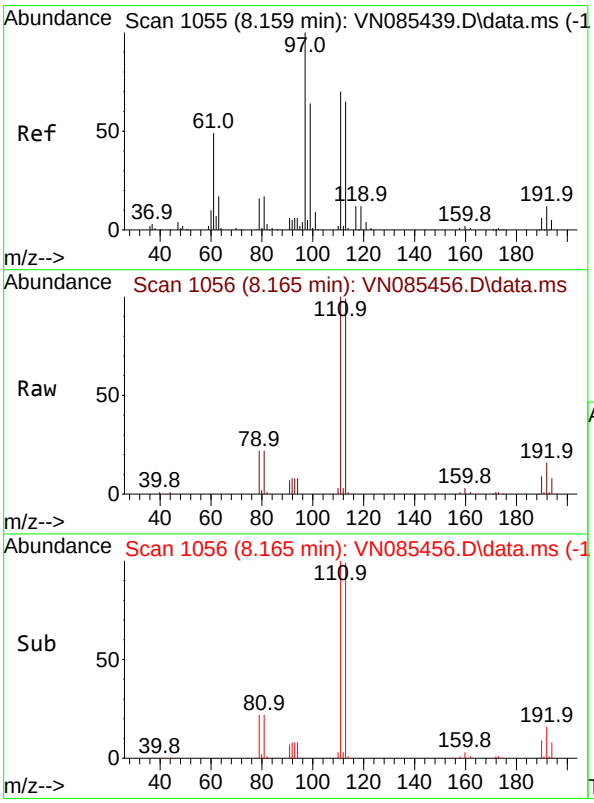
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion:114 Resp: 348273

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	47.6
88	16.9	0.0	32.6

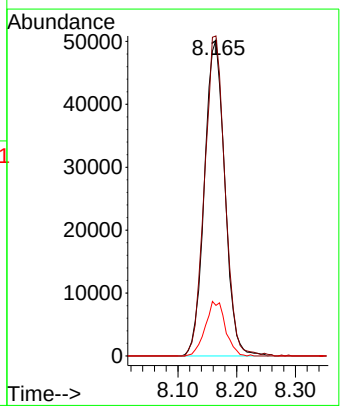


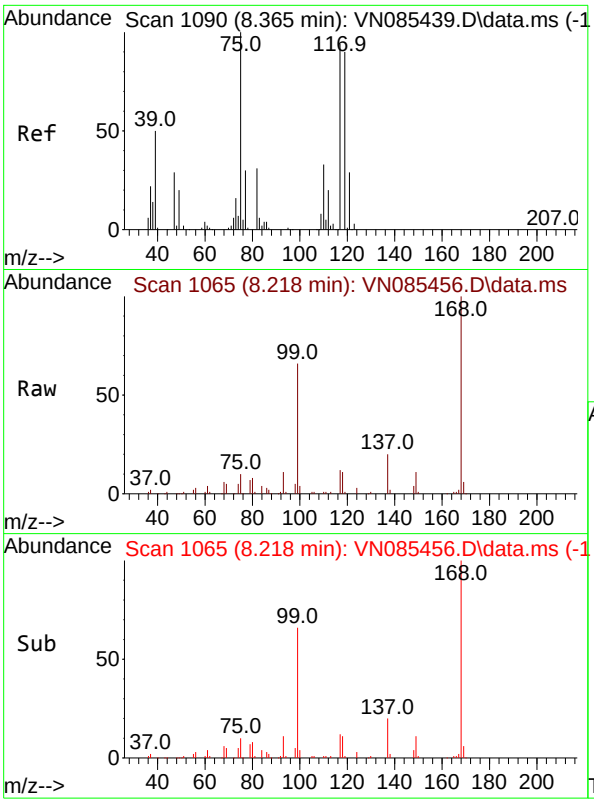


#35
Dibromofluoromethane
Concen: 49.930 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion:113 Resp: 120640

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.7	124.1
192	17.1	14.3	21.5



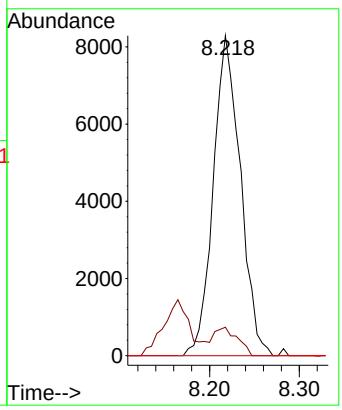


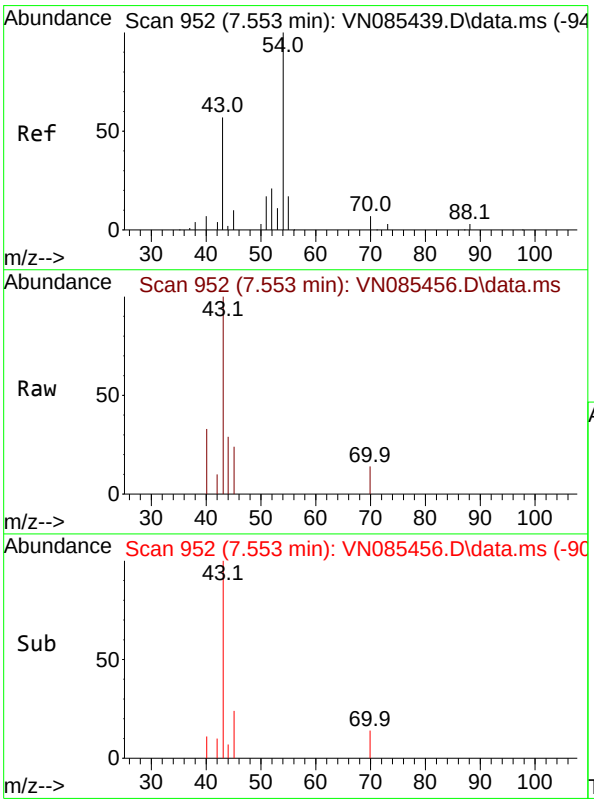
#36
1,1-Dichloropropene
Concen: 5.126 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 75 Resp: 17381

Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.5	49.5#
77	0.0	24.4	36.6#

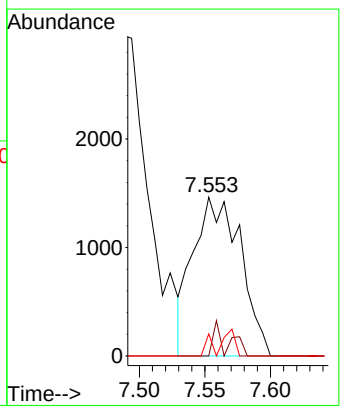


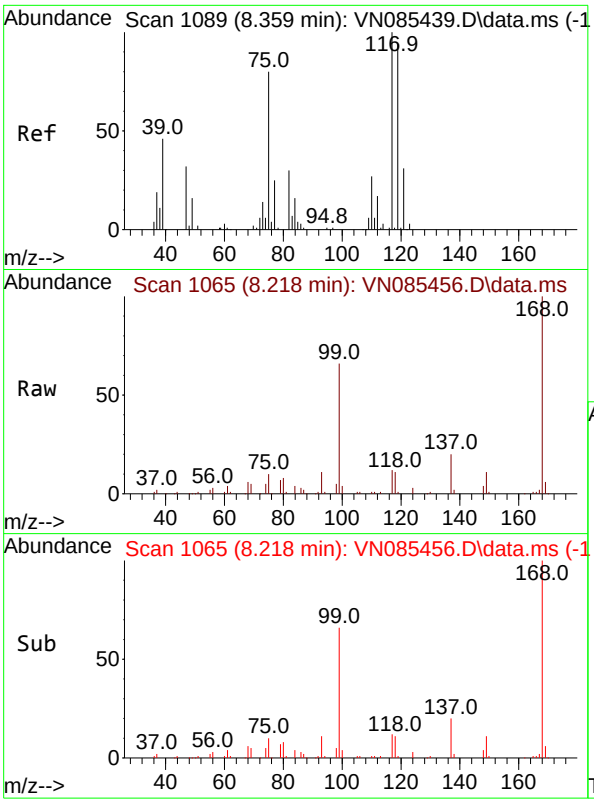


#37
Ethyl Acetate
Concen: 1.077 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 43 Resp: 3687

Ion	Ratio	Lower	Upper
43	100		
61	6.4	10.9	16.3#
70	5.9	7.5	11.3#



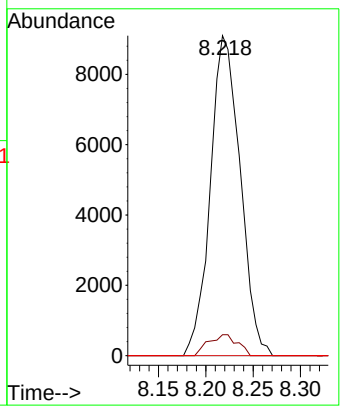


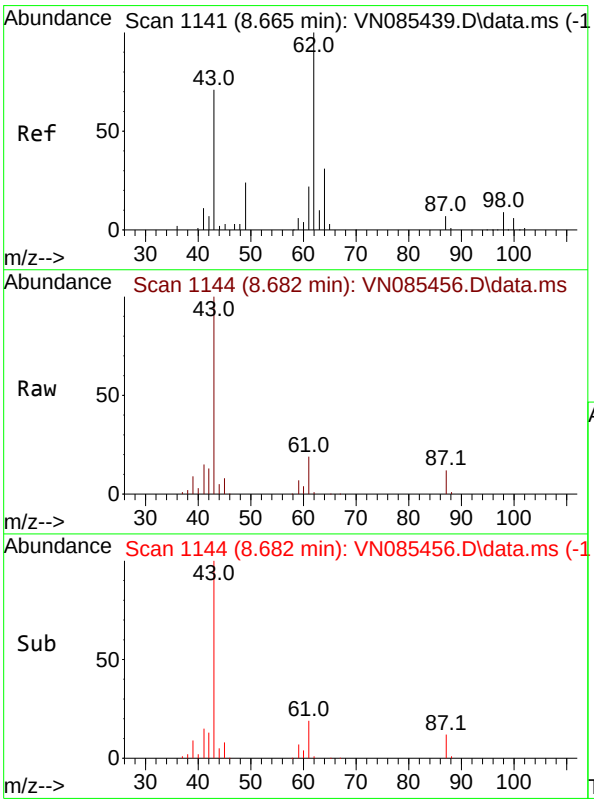
#38
Carbon Tetrachloride
Concen: 5.145 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion:117 Resp: 19973

Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.4	113.2#
121	0.0	24.6	37.0#

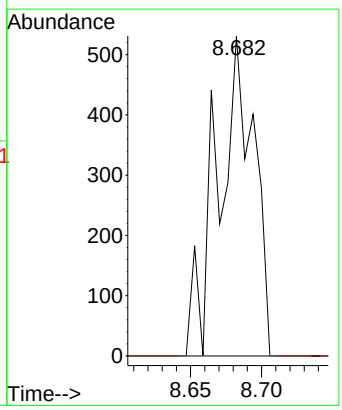


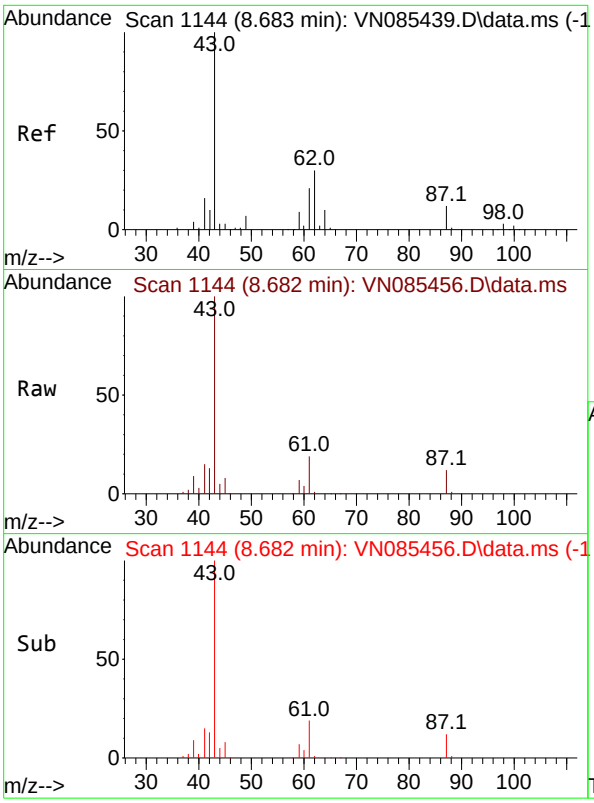


#42
1,2-Dichloroethane
Concen: 0.245 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.017 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 62 Resp: 942

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



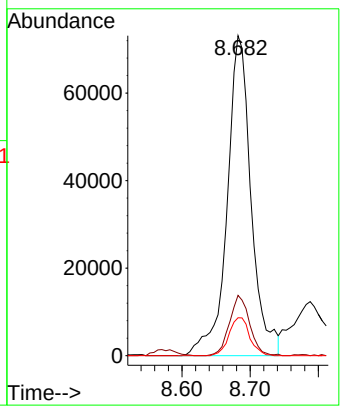


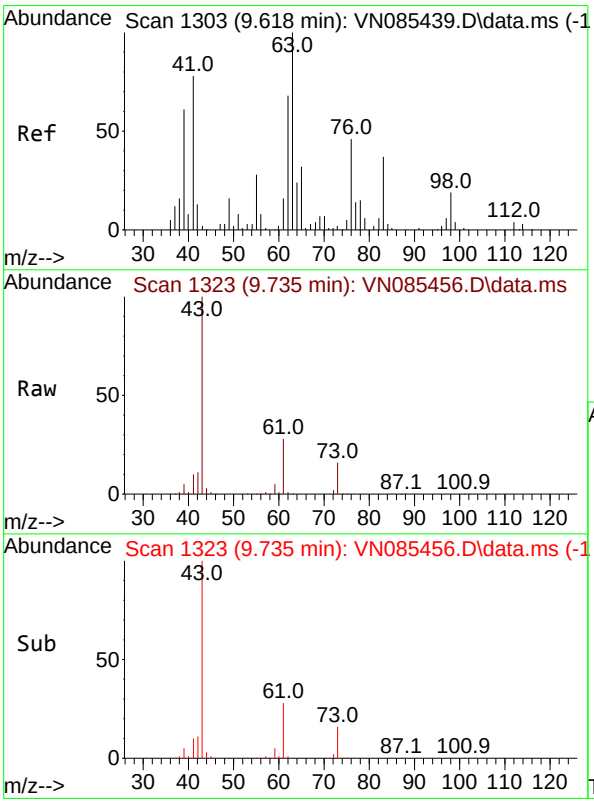
#43
Isopropyl Acetate
Concen: 32.650 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 43 Resp: 179066

Ion	Ratio	Lower	Upper
43	100		
61	15.9	20.7	31.1#
87	10.3	9.8	14.8

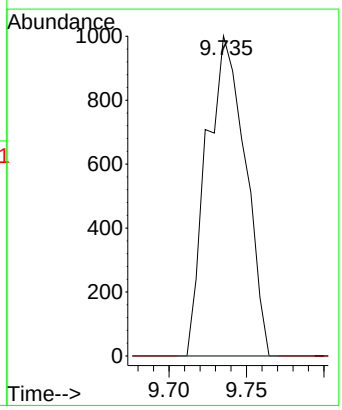


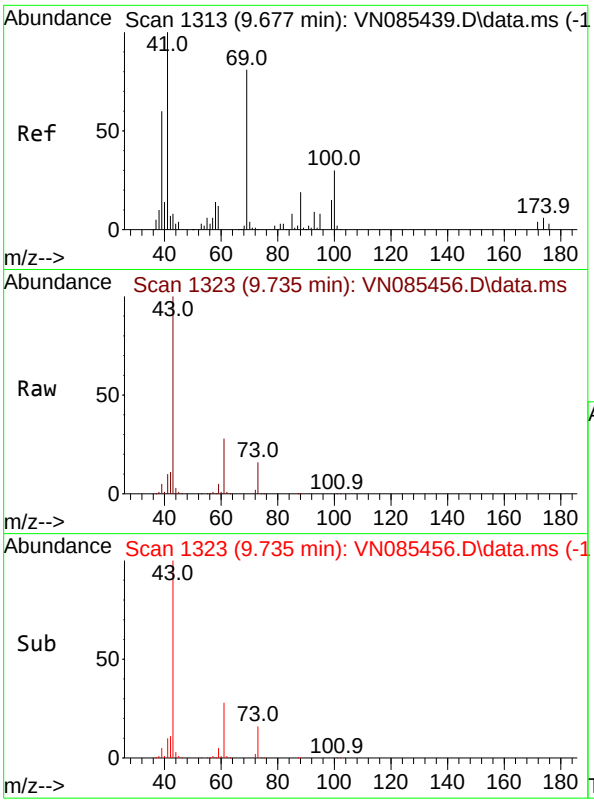


#45
1,2-Dichloropropane
Concen: 0.666 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.117 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 63 Resp: 1733

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



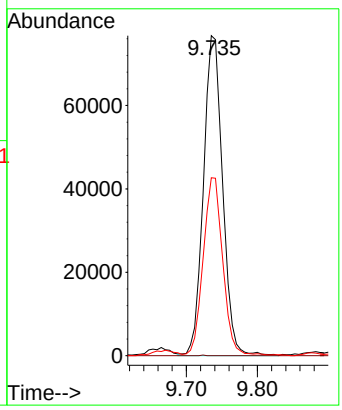


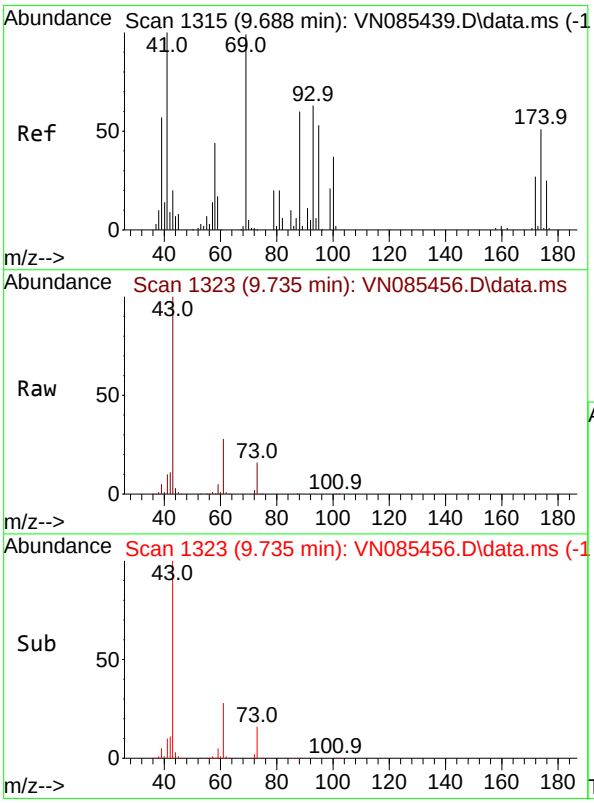
#48
Methyl methacrylate
Concen: 58.482 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.058 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 41 Resp: 144340

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	56.1	49.0	73.6

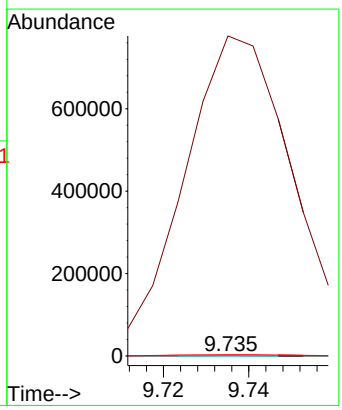


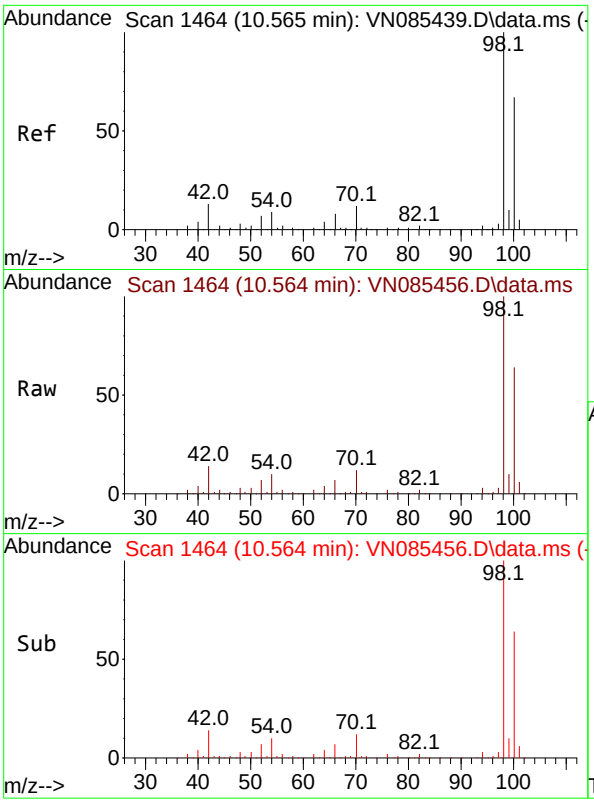


#49
1,4-Dioxane
Concen: 2.189 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.047 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 88 Resp: 91

Ion	Ratio	Lower	Upper
88	100		
43	1549515.4	26.6	39.8#
58	7326.4	59.5	89.3#



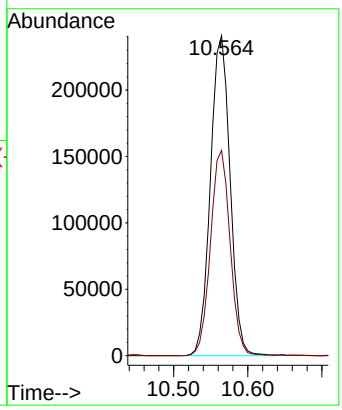


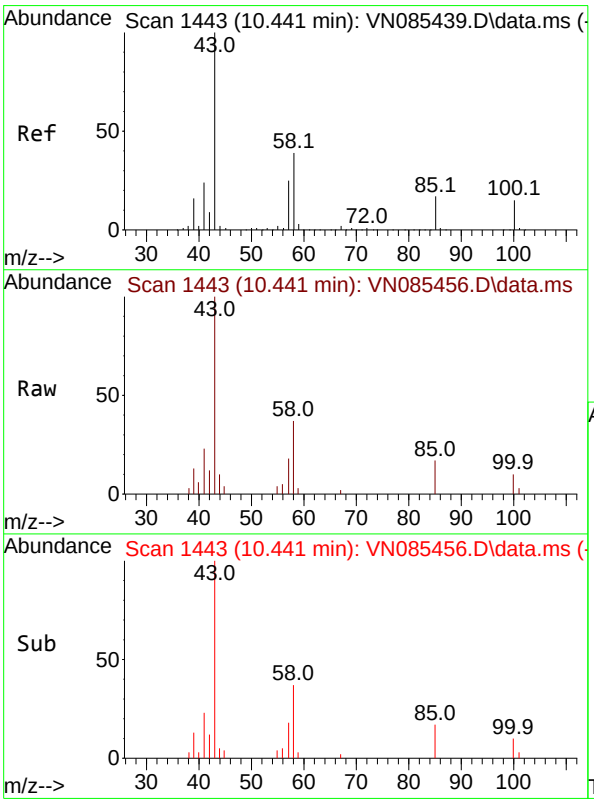
#50
Toluene-d8
Concen: 51.769 ug/l
RT: 10.564 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 98 Resp: 444413

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4

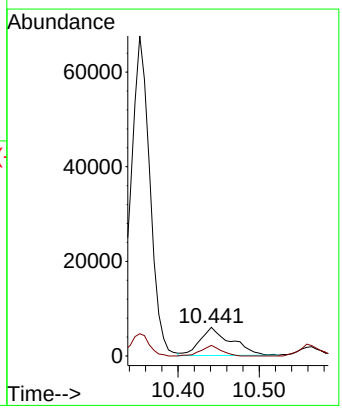


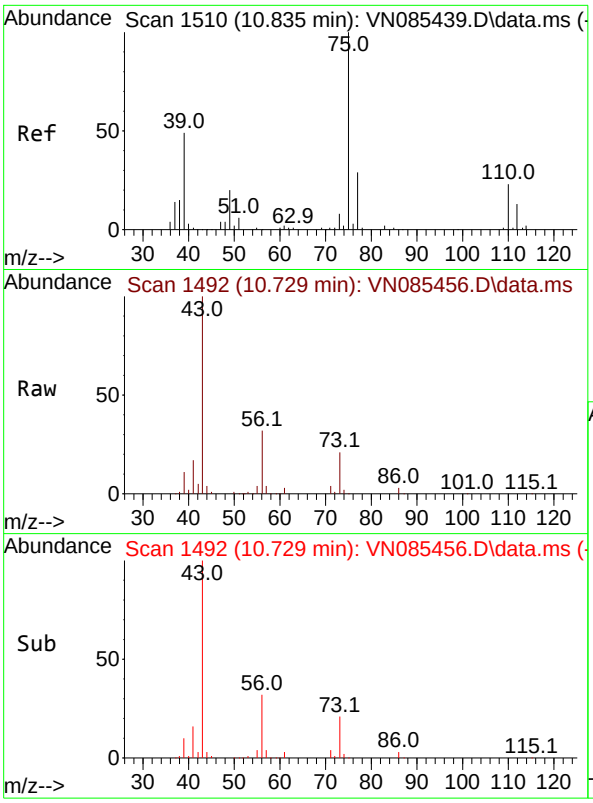


#51
4-Methyl-2-Pentanone
Concen: 4.977 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 43 Resp: 15841

Ion	Ratio	Lower	Upper
43	100		
58	24.1	30.5	45.7#



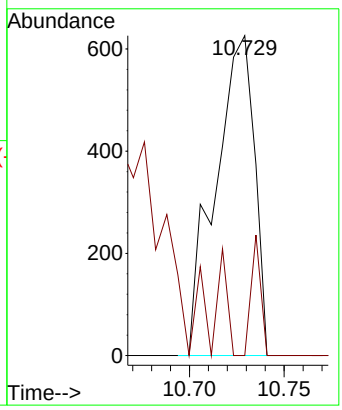


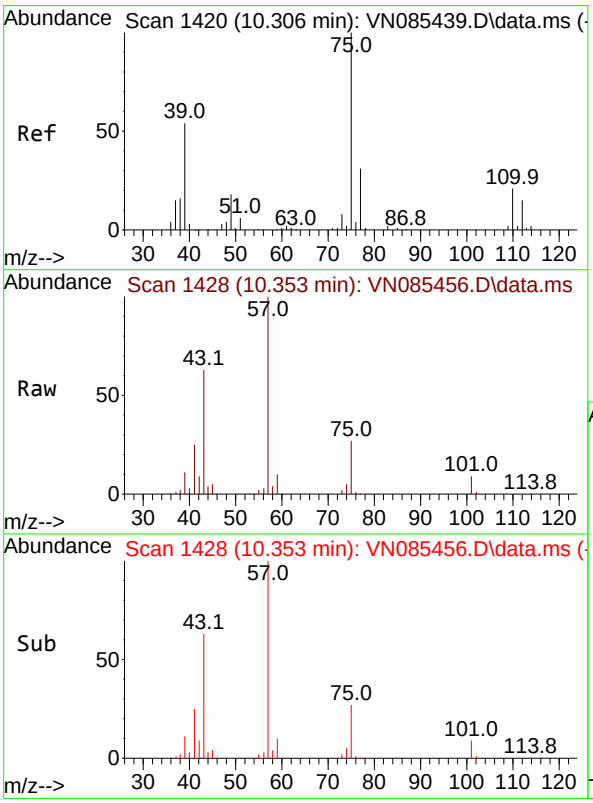
#53
t-1,3-Dichloropropene
Concen: 0.248 ug/l
RT: 10.729 min Scan# 14
Delta R.T. -0.106 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 75 Resp: 898

Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.5	35.3#

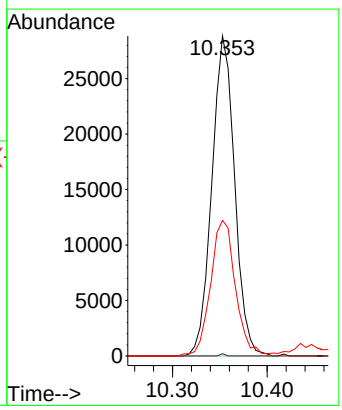


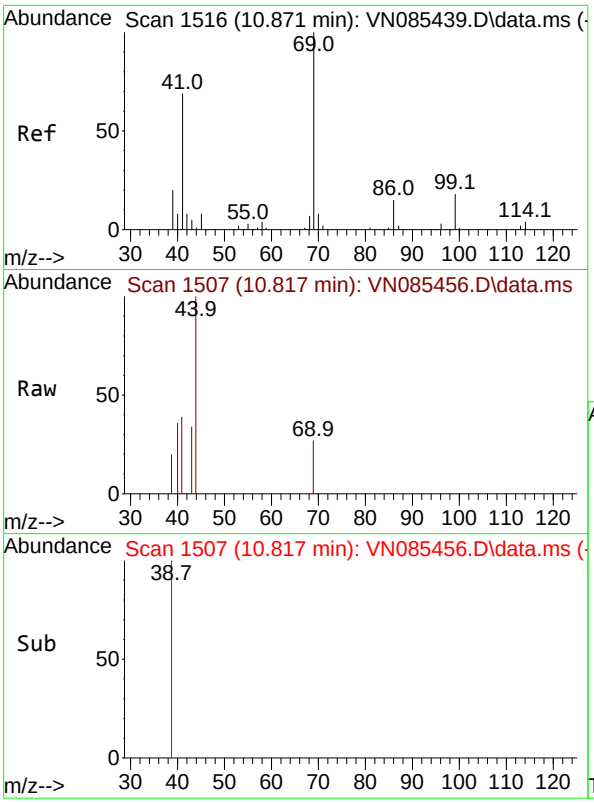


#54
cis-1,3-Dichloropropene
Concen: 12.483 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 75 Resp: 48210

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.0	37.4#
39	42.3	43.1	64.7#



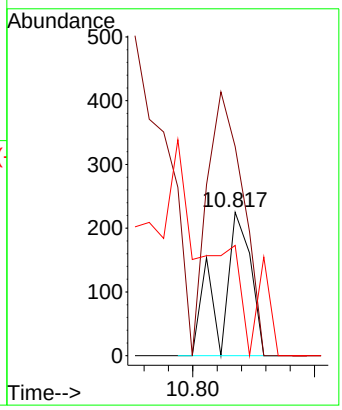


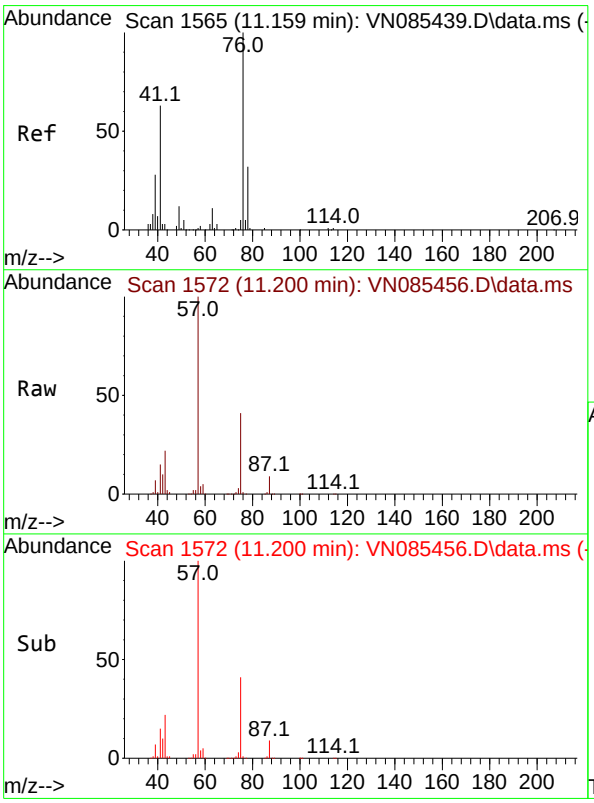
#56
Ethyl methacrylate
Concen: 1.978 ug/l
RT: 10.817 min Scan# 1
Delta R.T. -0.054 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 69 Resp: 191

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.6	82.0#
39	0.0	32.4	48.6#

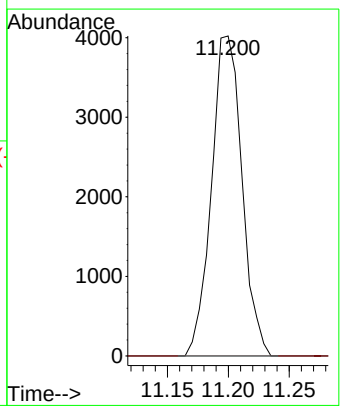


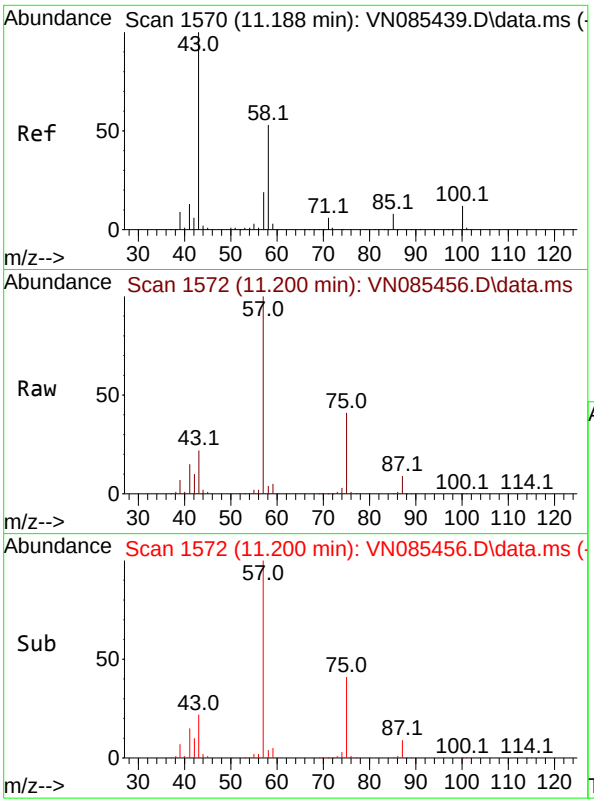


#57
1,3-Dichloropropane
Concen: 1.725 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 76 Resp: 7006

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



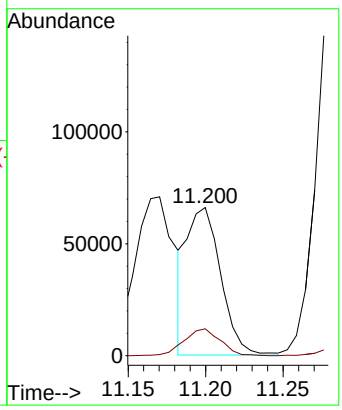


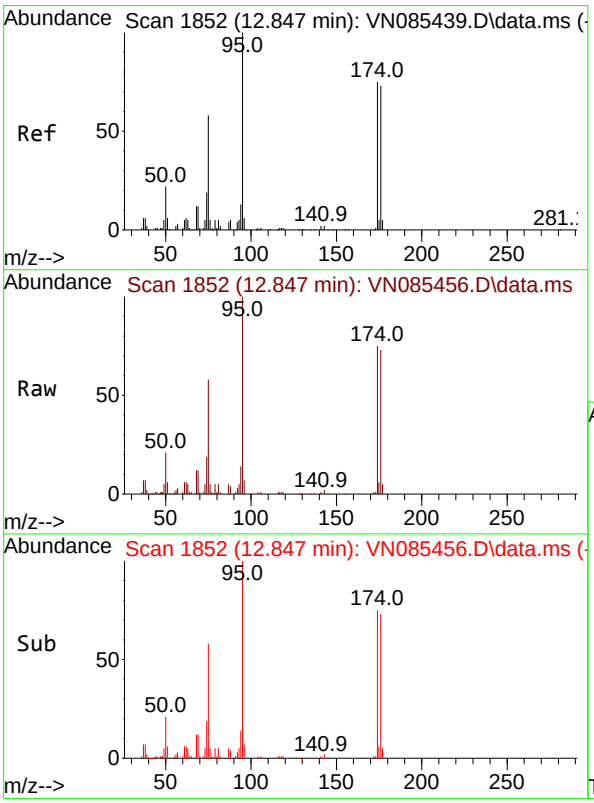
#59
2-Hexanone
Concen: 44.800 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 43 Resp: 100322

Ion	Ratio	Lower	Upper
43	100		
58	19.6	26.2	78.6#

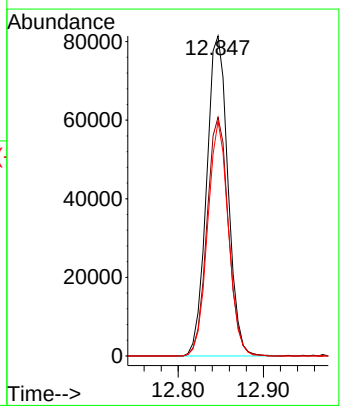


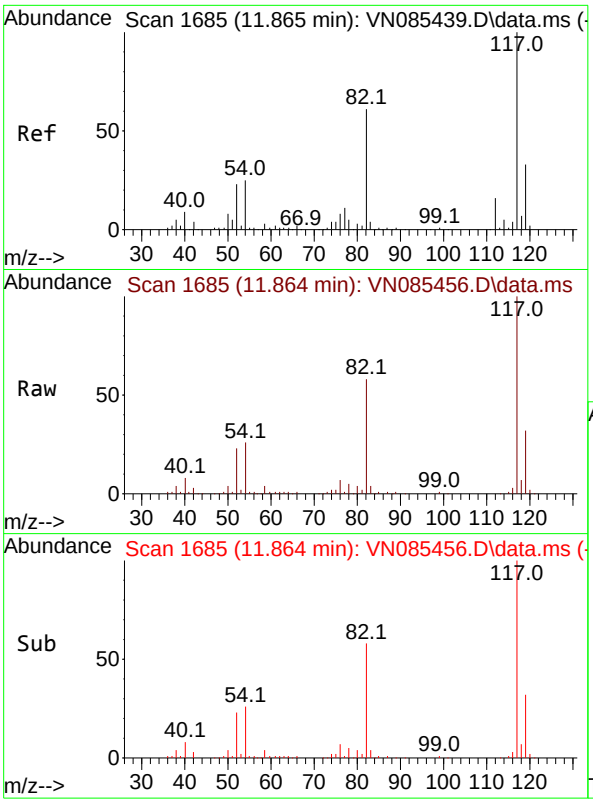


#62
4-Bromofluorobenzene
Concen: 48.123 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 95 Resp: 141316

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	145.0
176	71.0	0.0	142.4



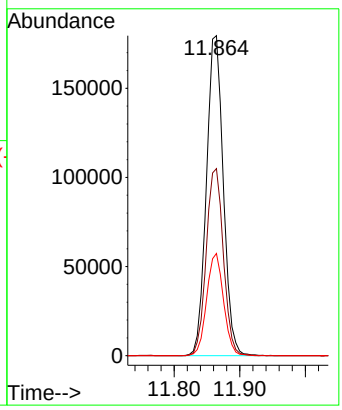


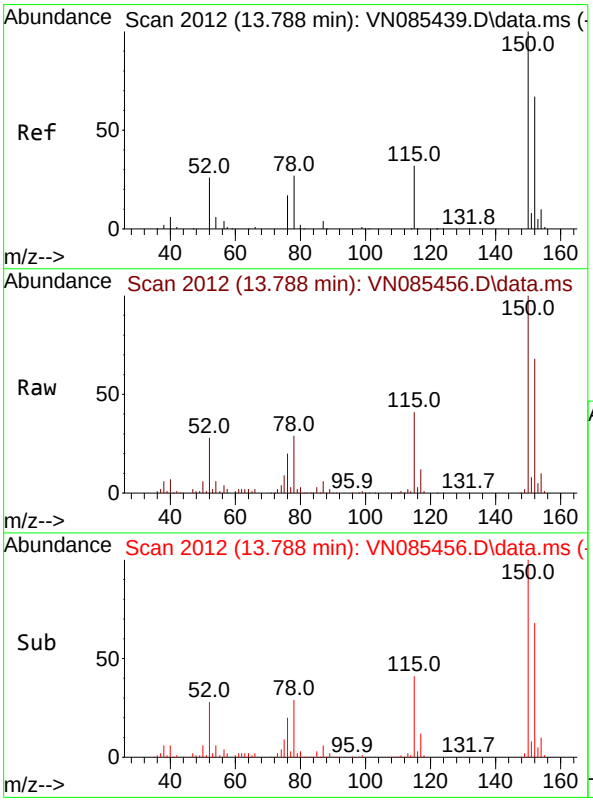
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion:117 Resp: 321375

Ion	Ratio	Lower	Upper
117	100		
82	58.4	48.6	72.8
119	31.9	26.6	39.8

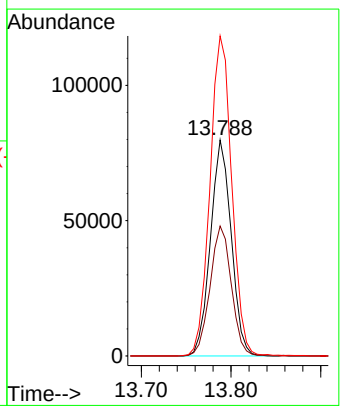


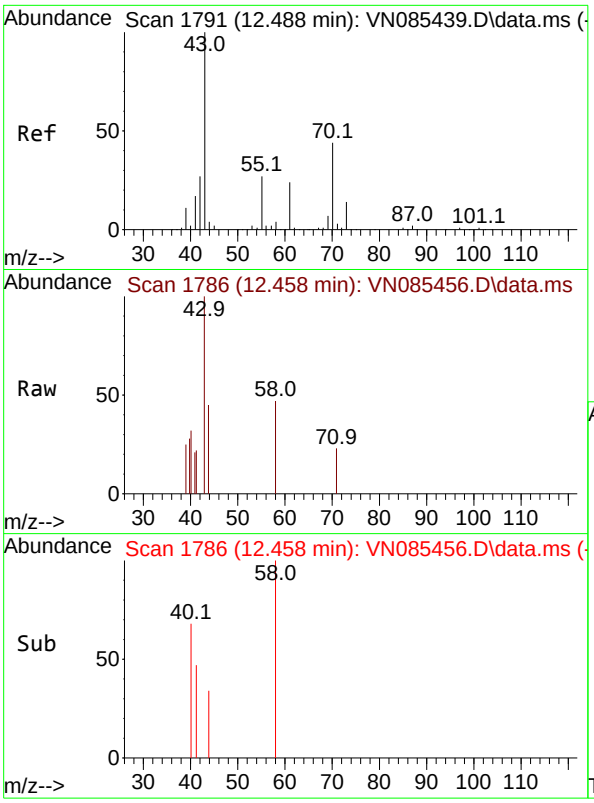


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion:152 Resp: 128492

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.1	93.3
150	155.3	0.0	343.6



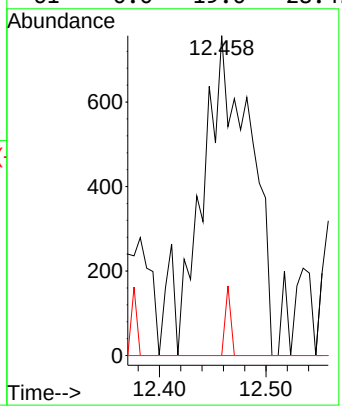


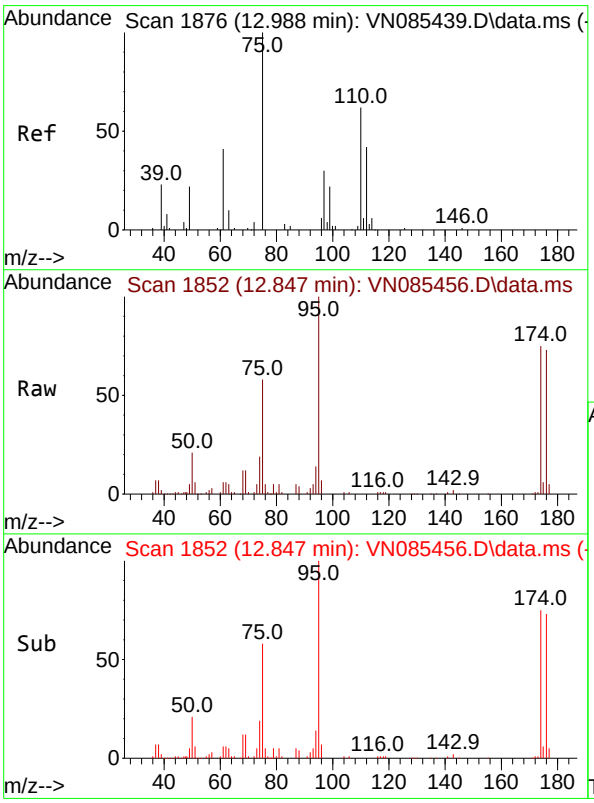
#74
N-amyl acetate
Concen: 0.596 ug/l
RT: 12.458 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 43 Resp: 2322

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	2.5	21.4	32.2#
61	0.0	19.0	28.4#

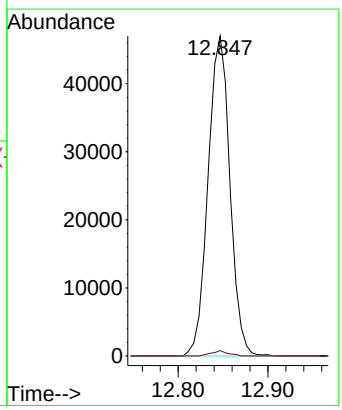


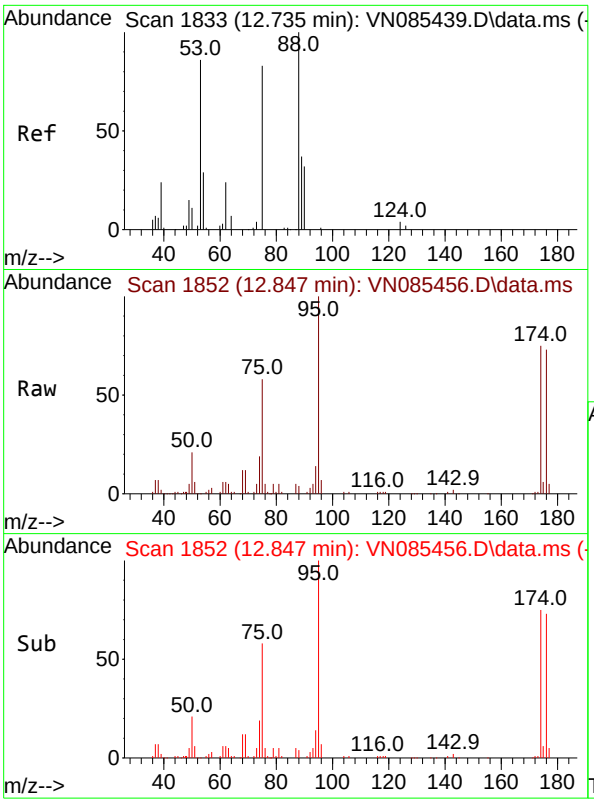


#76
1,2,3-Trichloropropane
Concen: 30.441 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 75 Resp: 79502

Ion	Ratio	Lower	Upper
75	100		
77	1.3	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.362 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.111 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

Tgt Ion: 75 Resp: 79502

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