Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
Data File : VN085151.D
Acq On : 09 Dec 2024 14:35
Operator : JC\MD
Sample : P5117-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 10 05:02:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	132563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100925	53.449	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.165	113	81241	48.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	10.565	98	299992	50.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	12.847	95	99828	44.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.660%			
Target Compounds						Qvalue
3) Chloromethane	2.354	50	375	0.216	ug/l #	40
5) Bromomethane	2.965	94	442	0.505	ug/l #	64
6) Chloroethane	3.048	64	315	0.299	ug/l #	44
11) Tert butyl alcohol	5.518	59	94	0.373	ug/l #	75
16) Acetone	4.430	43	46246	84.094	ug/l	96
18) Methyl Acetate	5.018	43	828	Below Cal	#	83
20) Methylene Chloride	5.265	84	1600	0.953	ug/l #	62
25) 2-Butanone	7.495	43	4586	5.101	ug/l	100
29) Tetrahydrofuran	7.847	42	415	0.742	ug/l #	31
31) Cyclohexane	8.218	56	3049	1.212	ug/l #	15
36) 1,1-Dichloropropene	8.218	75	11068	4.918	ug/l #	49
37) Ethyl Acetate	7.577	43	2674	1.307	ug/l #	67
38) Carbon Tetrachloride	8.224	117	15119	5.820	ug/l #	15
42) 1,2-Dichloroethane	8.677	62	666	0.273	ug/l #	75
43) Isopropyl Acetate	8.689	43	156958	36.930	ug/l #	78
45) 1,2-Dichloropropane	9.741	63	875	0.499	ug/l #	45
48) Methyl methacrylate	9.659	41	3018	1.908	ug/l #	11
51) 4-Methyl-2-Pentanone	10.447	43	9560	4.925	ug/l #	79
54) cis-1,3-Dichloropropene	10.359	75	33659	12.256	ug/l #	66
56) Ethyl methacrylate	10.988	69	1262	0.550	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	3889	1.408	ug/l #	42
59) 2-Hexanone	11.171	43	82658	56.931	ug/l #	23
74) N-amyl acetate	12.459	43	889	0.357	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	53158	34.089	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53158	75.253	ug/l #	10

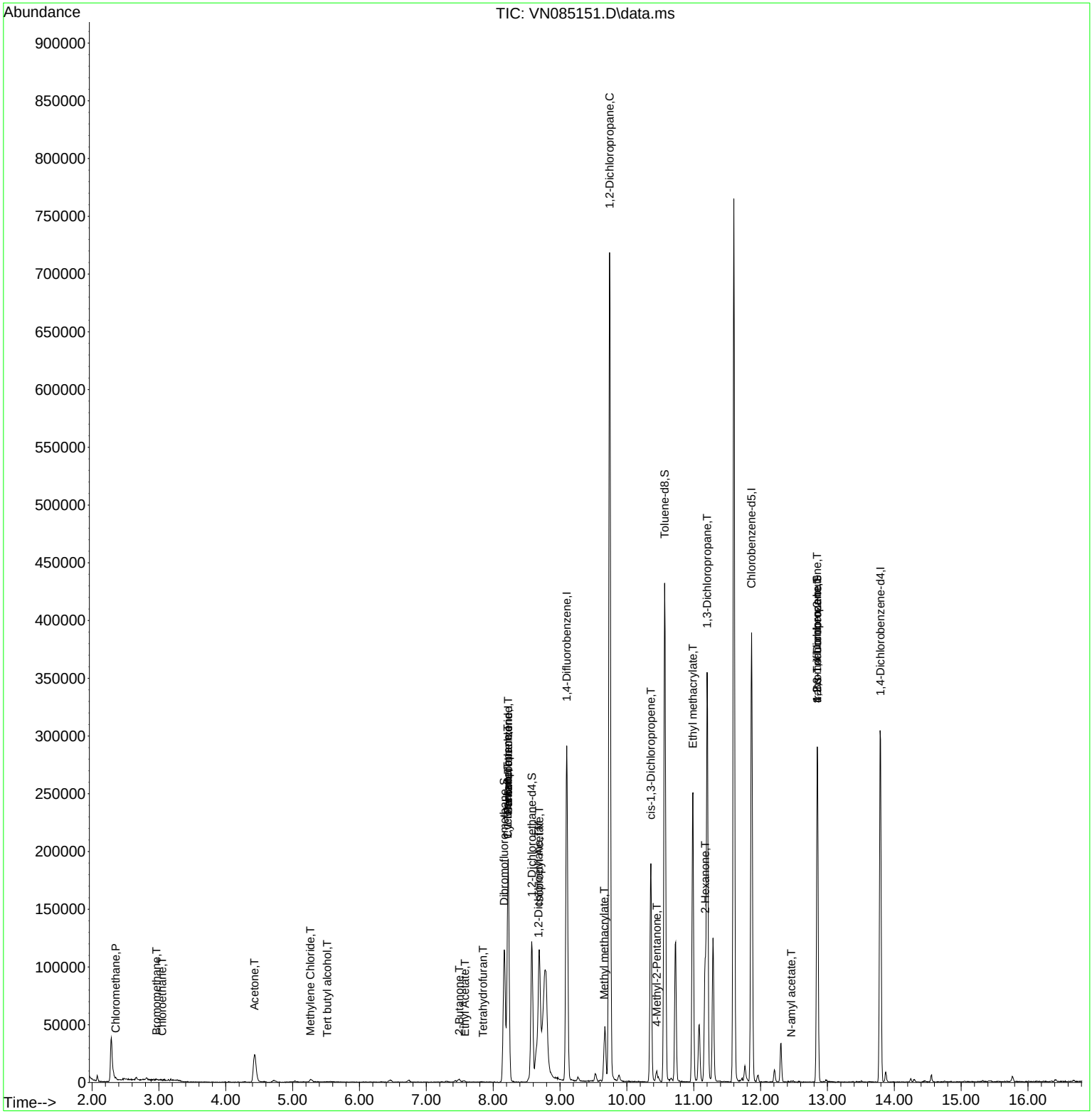
(#) = qualifier out of range (m) = manual integration (+) = signals summed

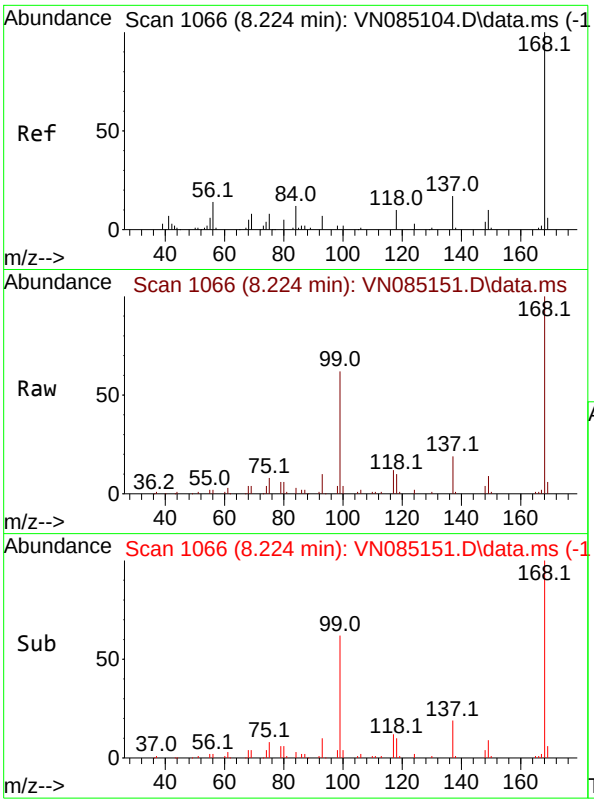
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
Data File : VN085151.D
Acq On : 09 Dec 2024 14:35
Operator : JC\MD
Sample : P5117-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 10 05:02:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



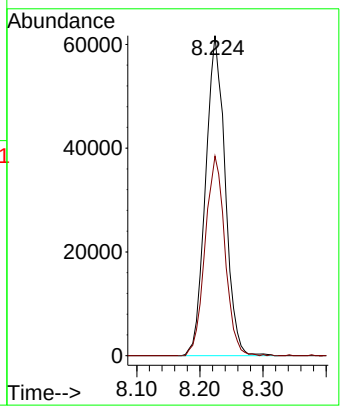


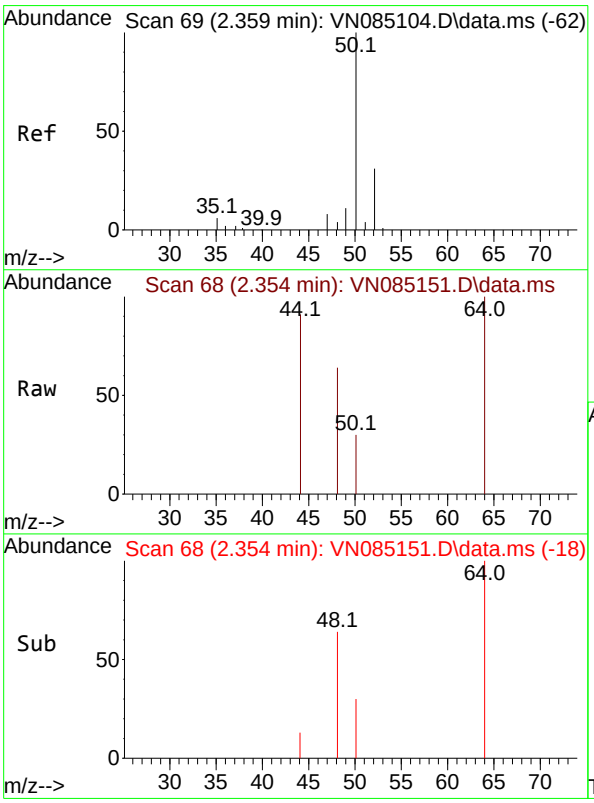
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 132563

Ion	Ratio	Lower	Upper
168	100		
99	62.3	51.2	76.8

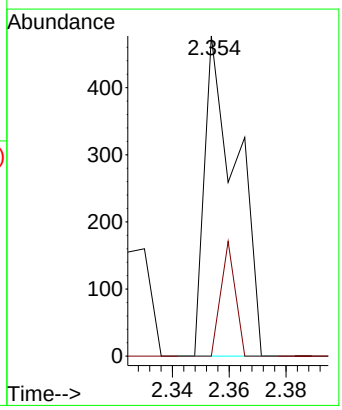


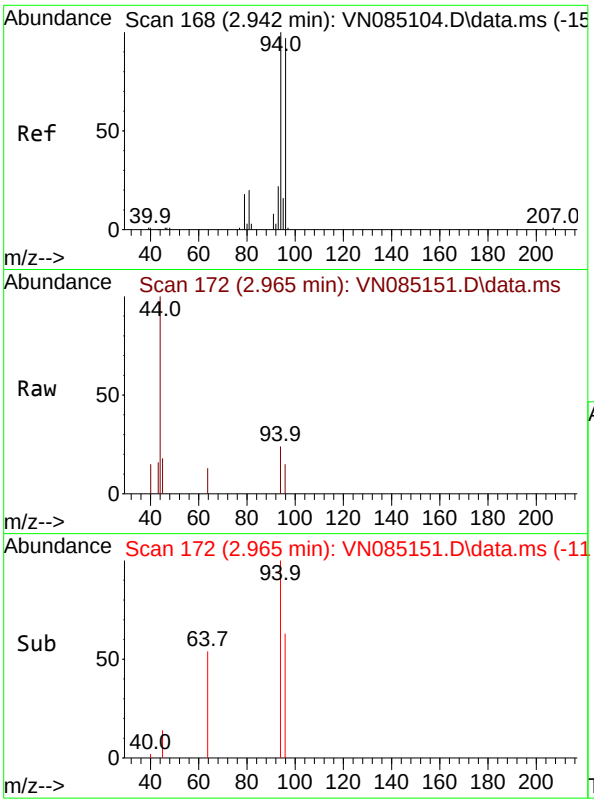


#3
Chloromethane
Concen: 0.216 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 50 Resp: 375

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.8	41.8#



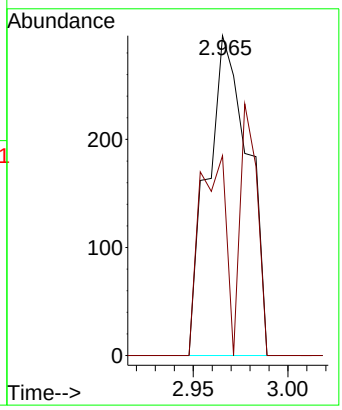


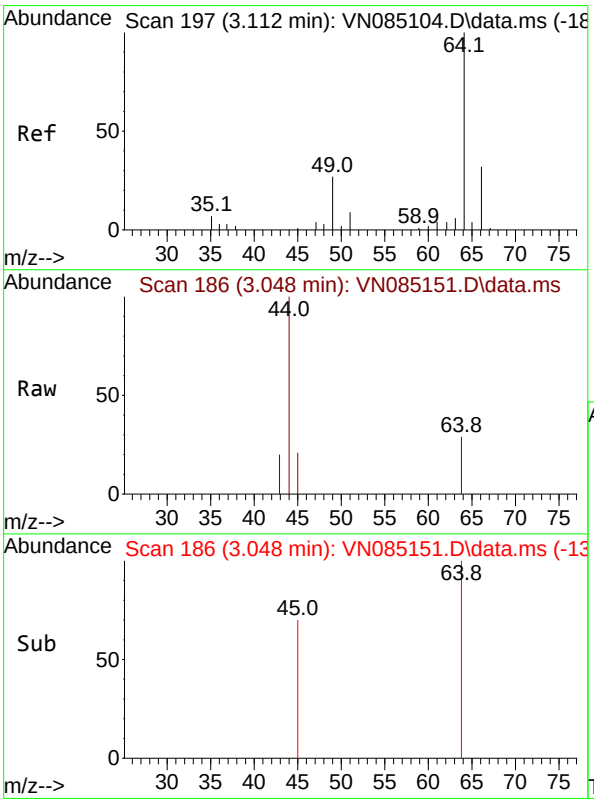
#5
Bromomethane
Concen: 0.505 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.065 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 442

Ion	Ratio	Lower	Upper
94	100		
96	62.5	78.7	118.1#

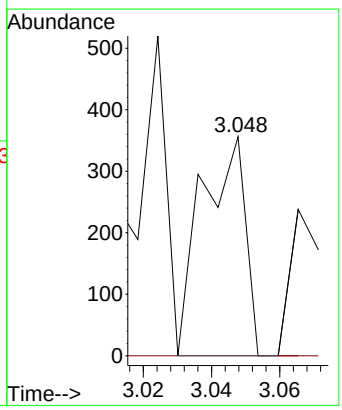


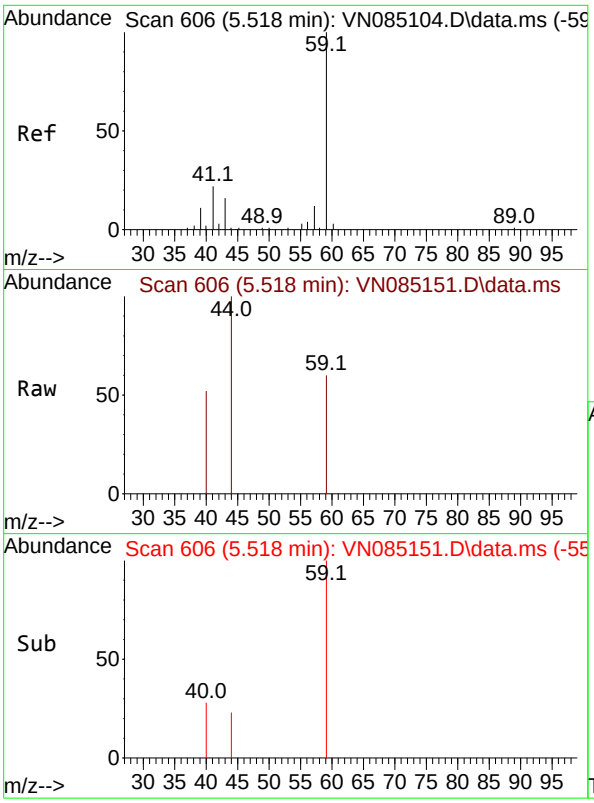


#6
Chloroethane
Concen: 0.299 ug/l
RT: 3.048 min Scan# 186
Delta R.T. -0.018 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 64 Resp: 315

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.4	36.6#



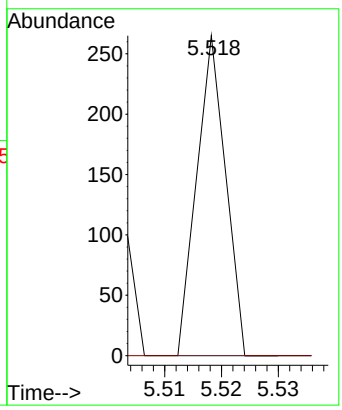


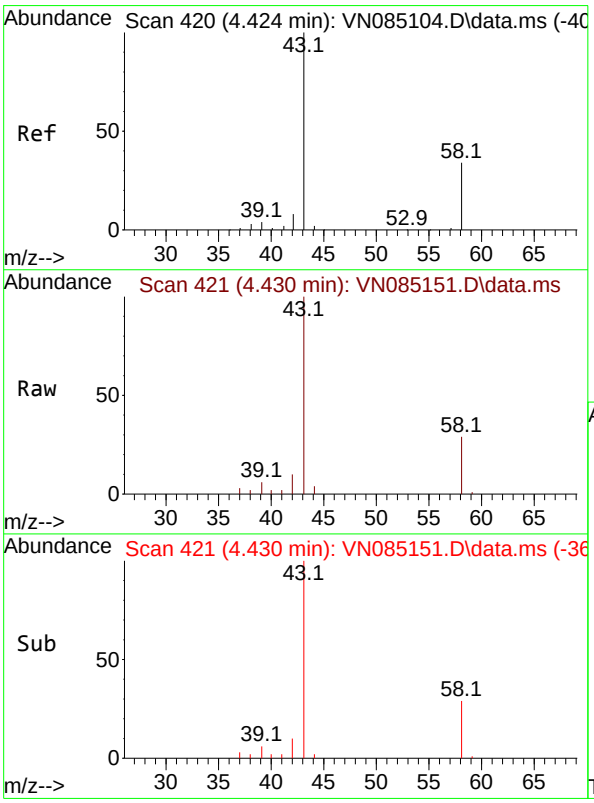
#11
Tert butyl alcohol
Concen: 0.373 ug/l
RT: 5.518 min Scan# 6
Delta R.T. -0.023 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 94

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#

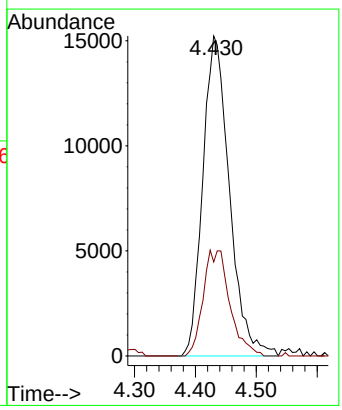


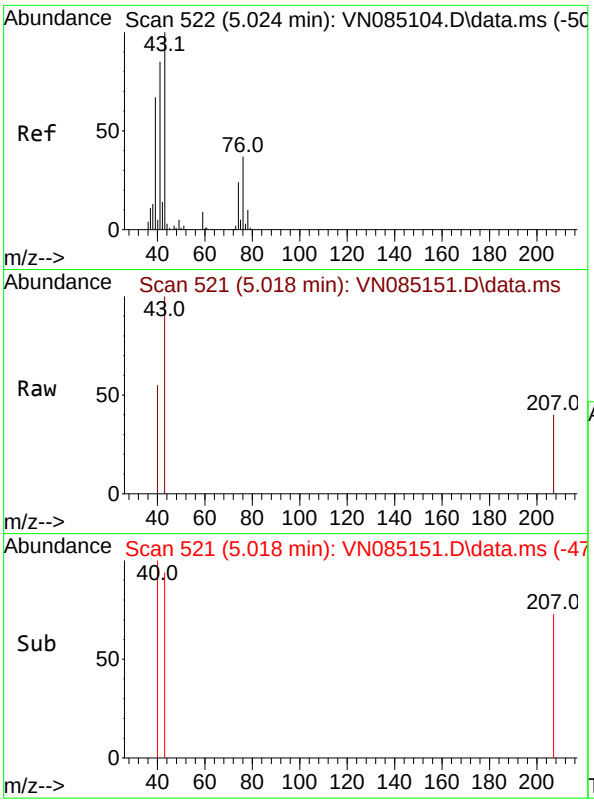


#16
Acetone
Concen: 84.094 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 43 Resp: 46246

Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.4	38.2



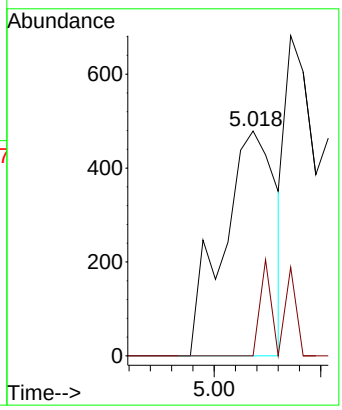


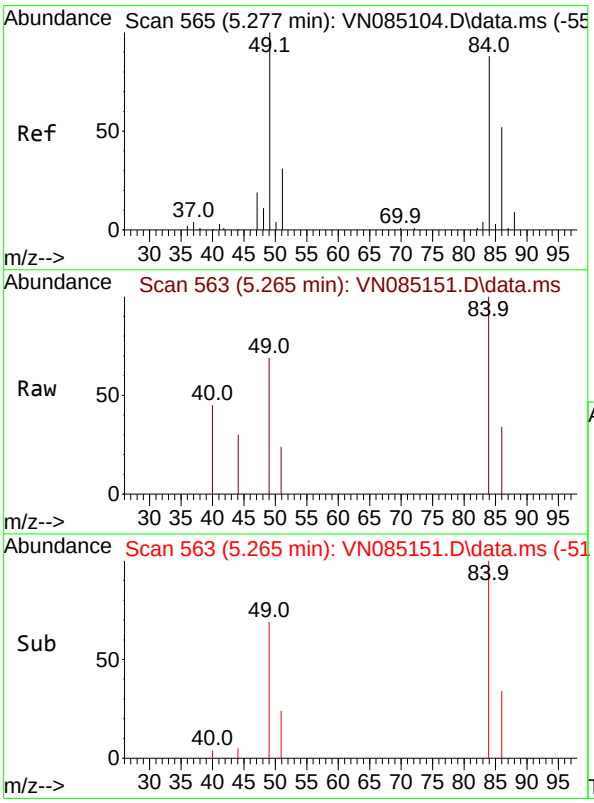
#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 828

Ion	Ratio	Lower	Upper
43	100		
74	16.8	20.1	30.1#

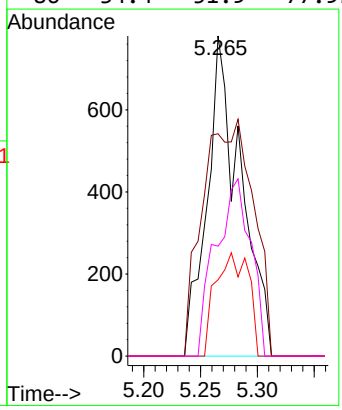


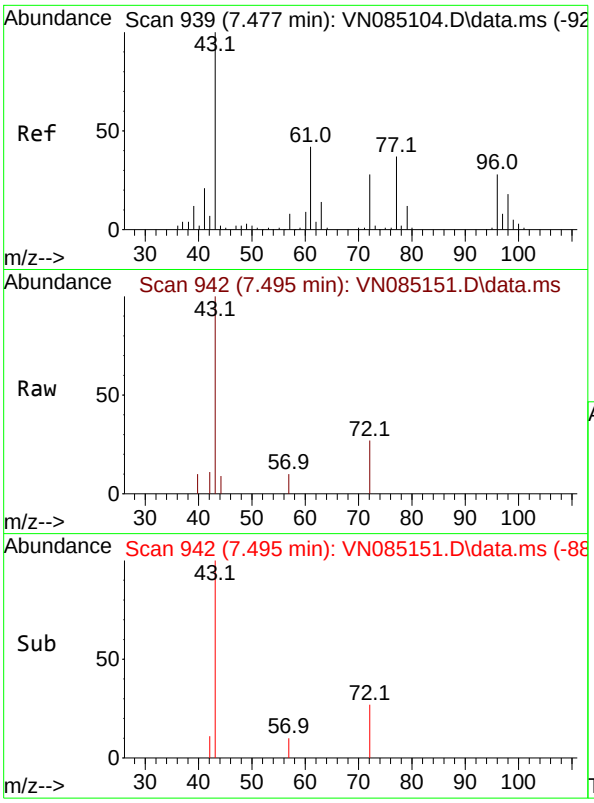


#20
Methylene Chloride
Concen: 0.953 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 84 Resp: 1600

Ion	Ratio	Lower	Upper
84	100		
49	69.5	92.7	139.1#
51	23.8	29.4	44.2#
86	34.4	51.9	77.9#



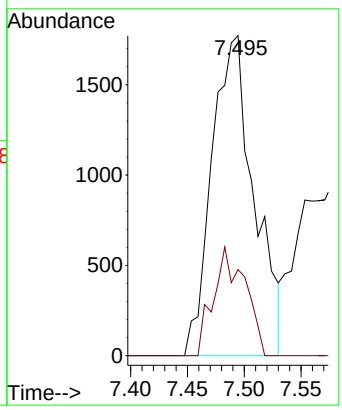


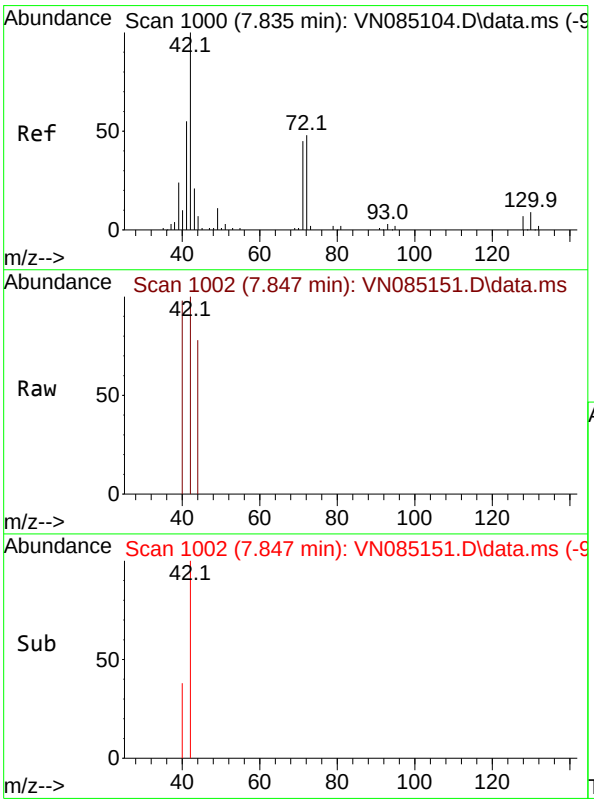
#25
2-Butanone
Concen: 5.101 ug/l
RT: 7.495 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4586

Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.4	32.0

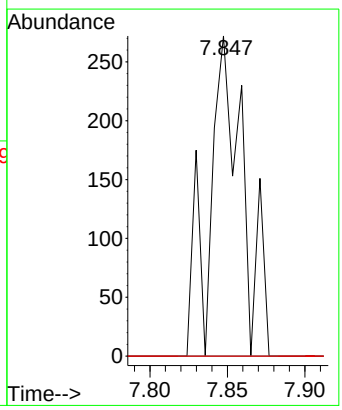


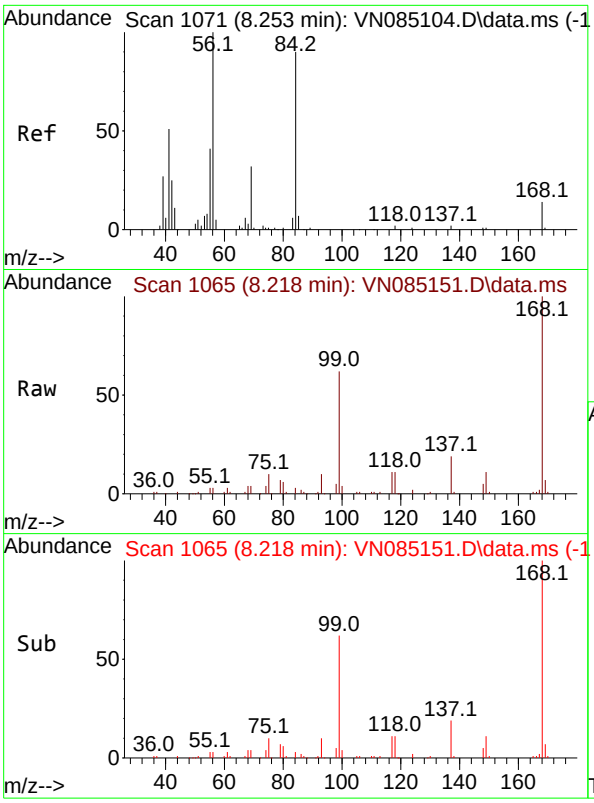


#29
Tetrahydrofuran
Concen: 0.742 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 42 Resp: 415

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.4#
71	0.0	35.0	52.4#



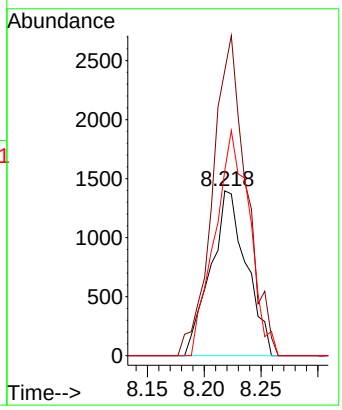


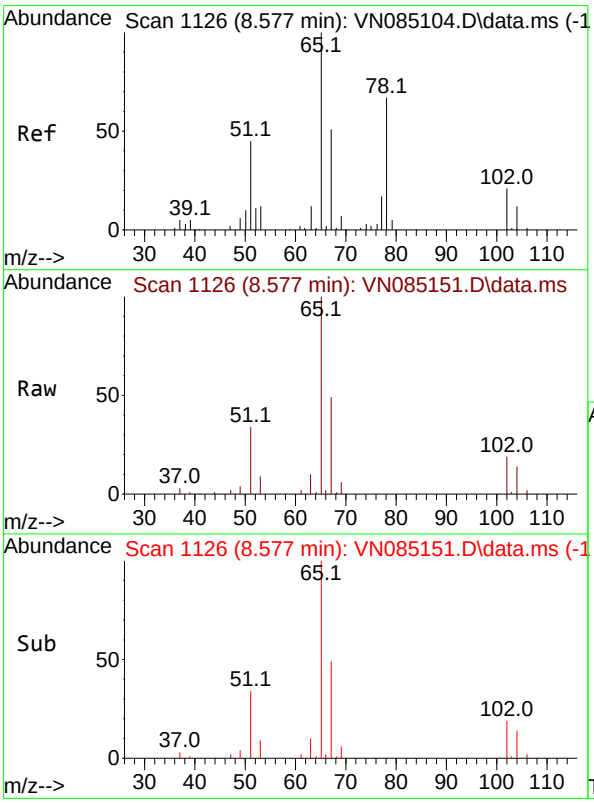
#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 3049

Ion	Ratio	Lower	Upper
56	100		
69	172.9	24.6	36.8#
84	112.4	71.4	107.2#

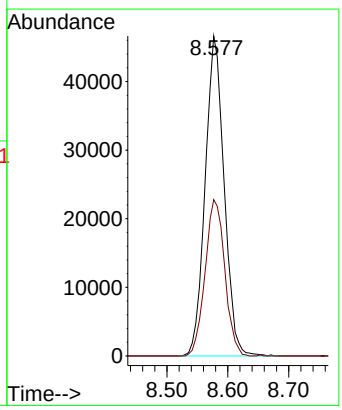


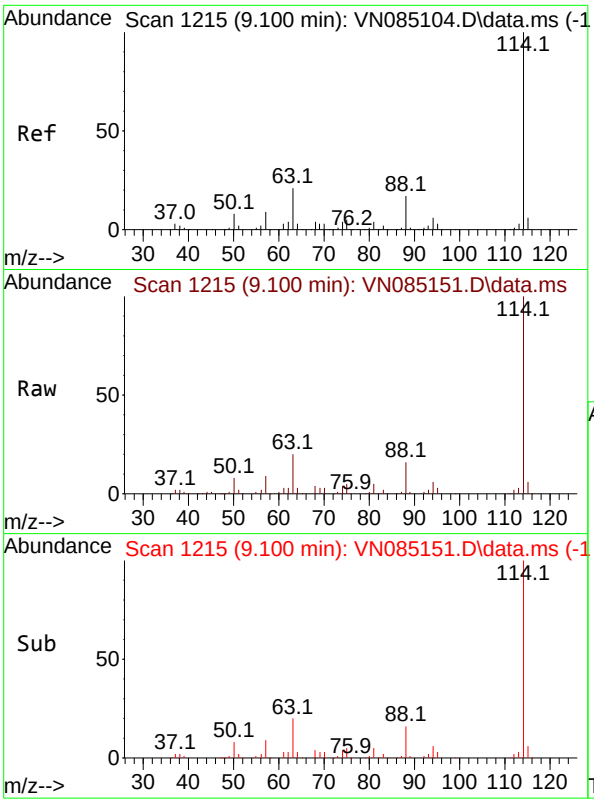


#33
1,2-Dichloroethane-d4
Concen: 53.449 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 65 Resp: 100925

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.0



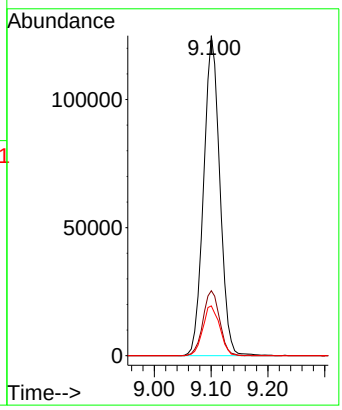


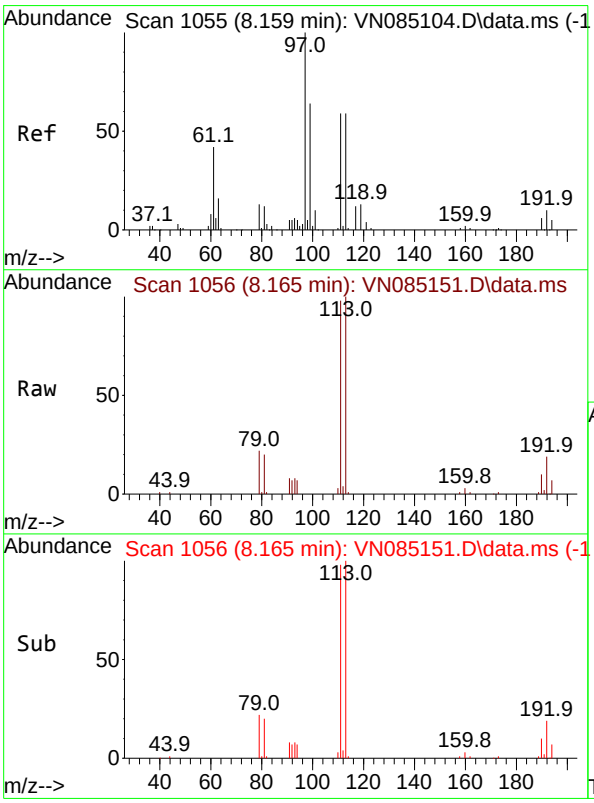
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 246402

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.0
88	15.6	0.0	34.8

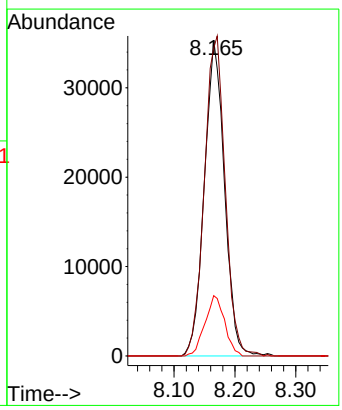


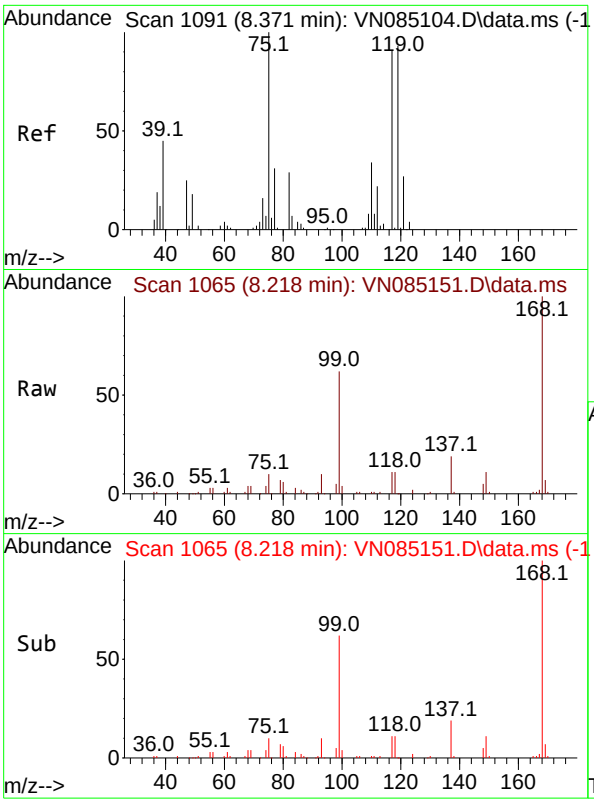


#35
Dibromofluoromethane
Concen: 48.892 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion:113 Resp: 81241

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.0	123.0
192	18.6	14.8	22.2



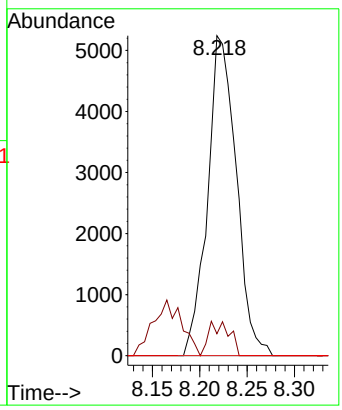


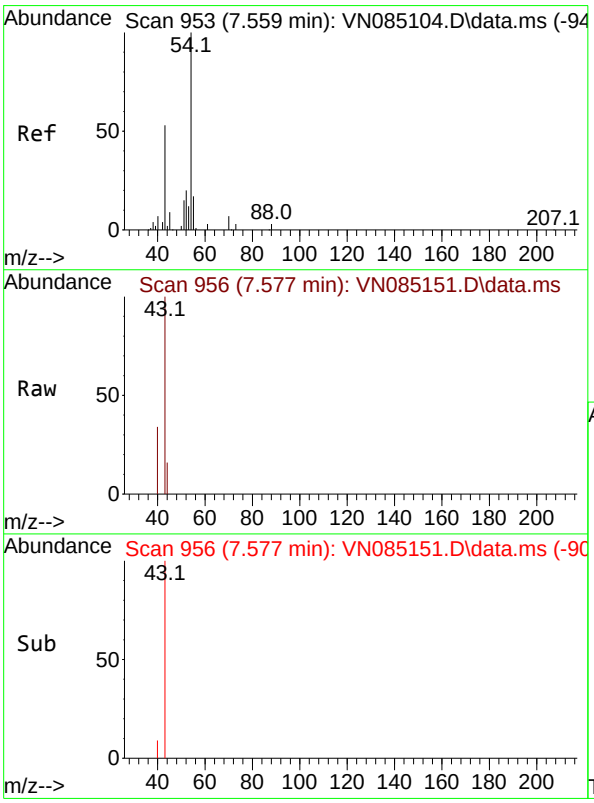
#36
1,1-Dichloropropene
Concen: 4.918 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 11068

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.2	51.6#
77	0.0	24.2	36.4#

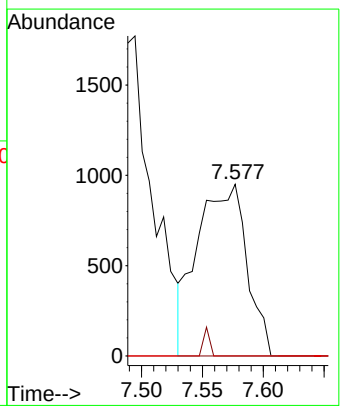


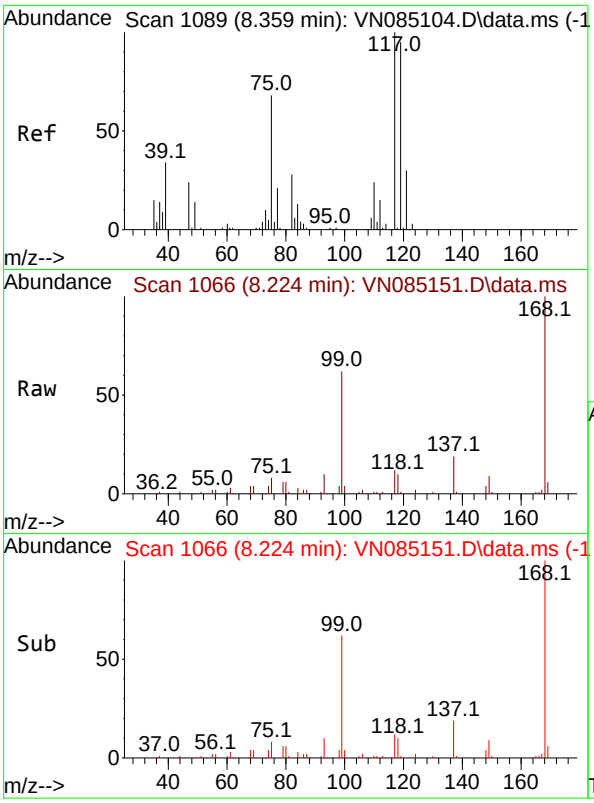


#37
Ethyl Acetate
Concen: 1.307 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.024 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 43 Resp: 2674

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	9.3	13.9#



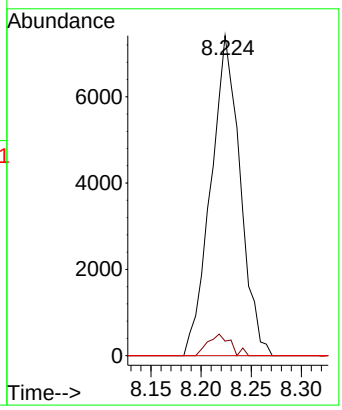


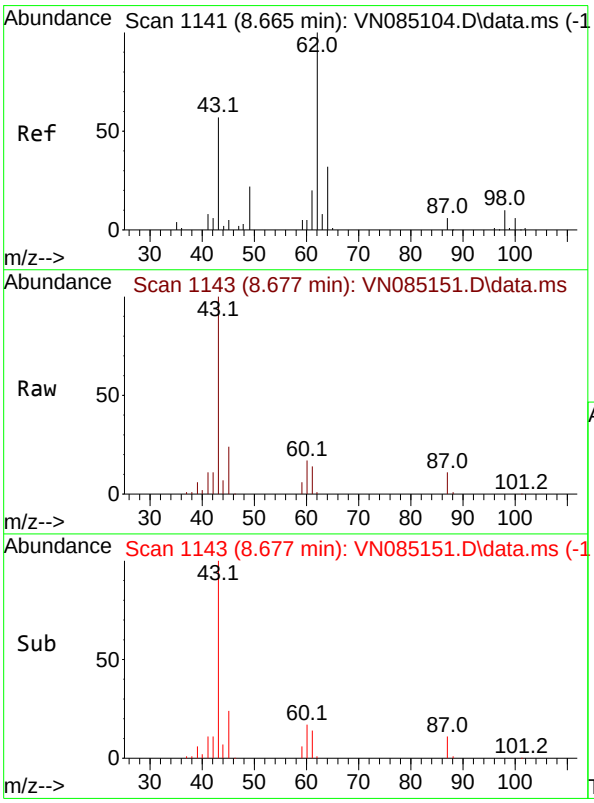
#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.129 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 15119

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.6	117.8#
121	0.0	24.2	36.2#

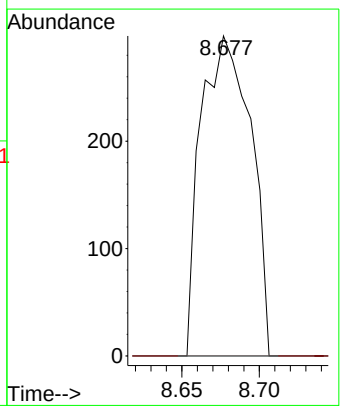


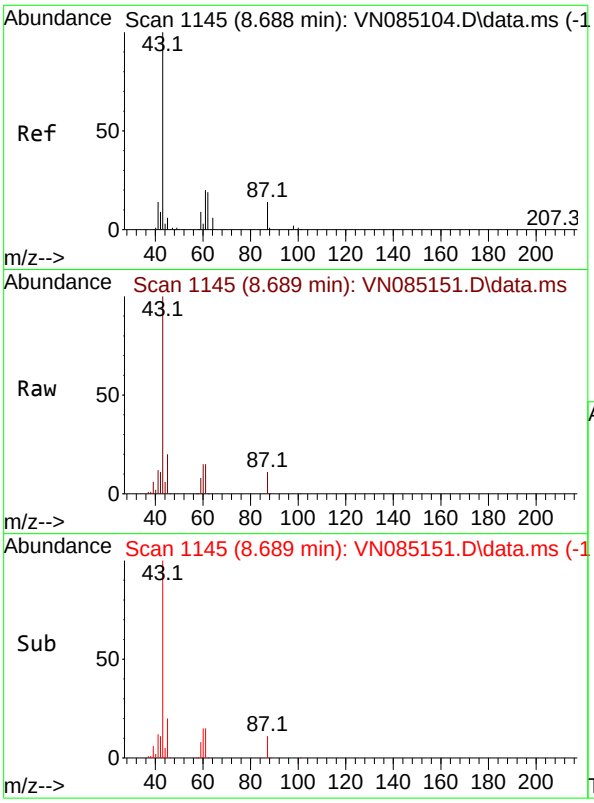


#42
1,2-Dichloroethane
Concen: 0.273 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.012 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 62 Resp: 666

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2



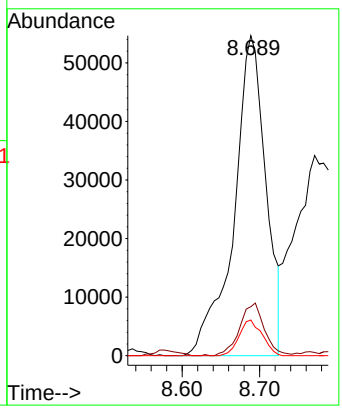


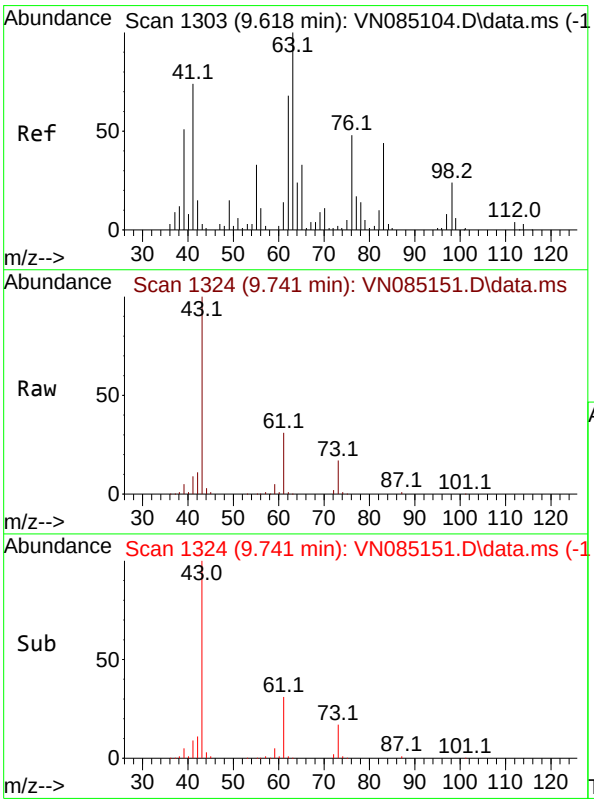
#43
Isopropyl Acetate
Concen: 36.930 ug/l
RT: 8.689 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 156958

Ion	Ratio	Lower	Upper
43	100		
61	12.7	20.6	30.8#
87	8.0	11.0	16.4#

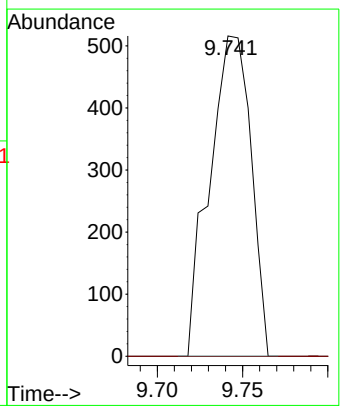


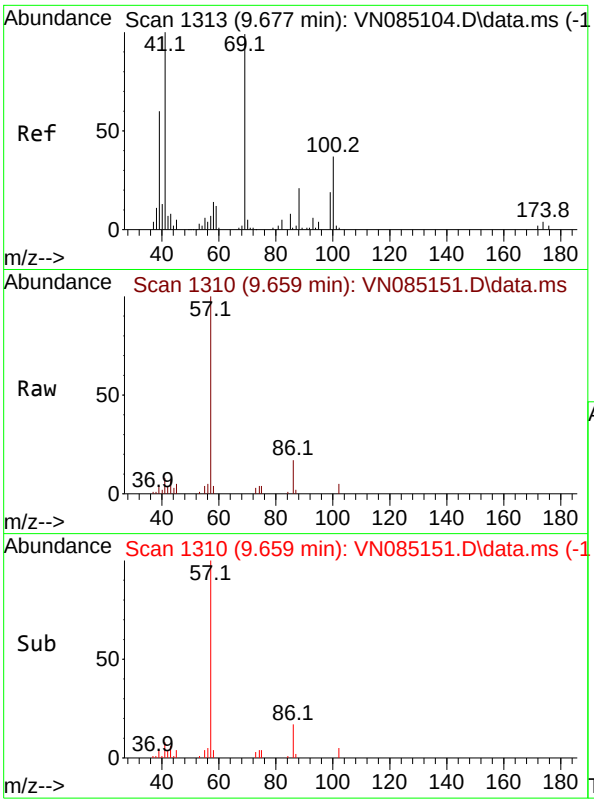


#45
1,2-Dichloropropane
Concen: 0.499 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 63 Resp: 875

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.0	36.0#



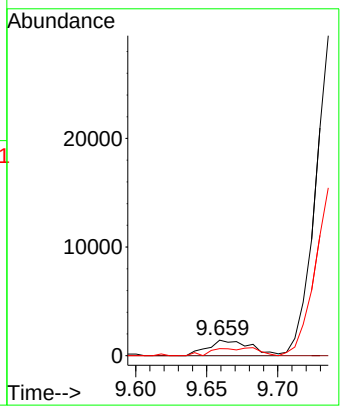


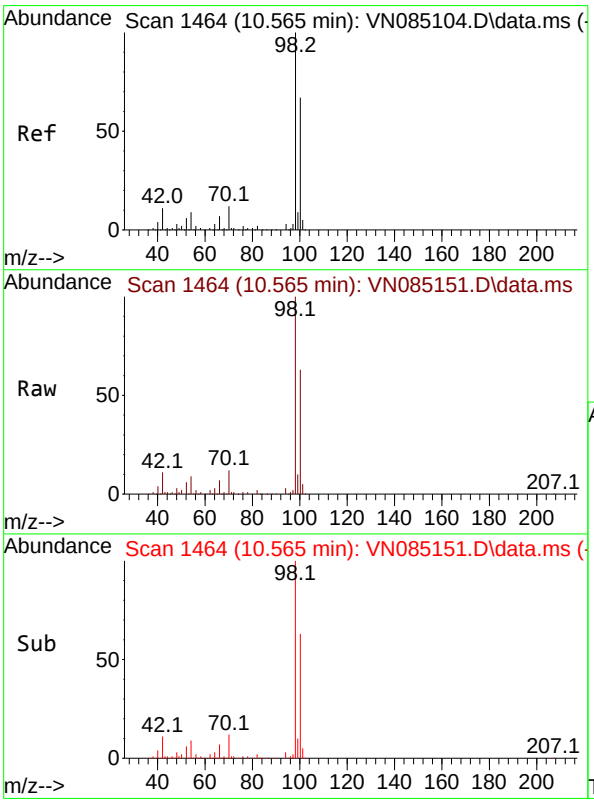
#48
Methyl methacrylate
Concen: 1.908 ug/l
RT: 9.659 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 3018

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.2	109.8#
39	0.0	46.2	69.4#

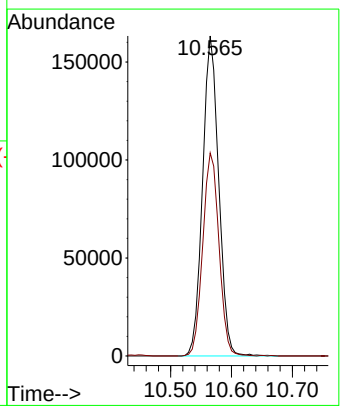


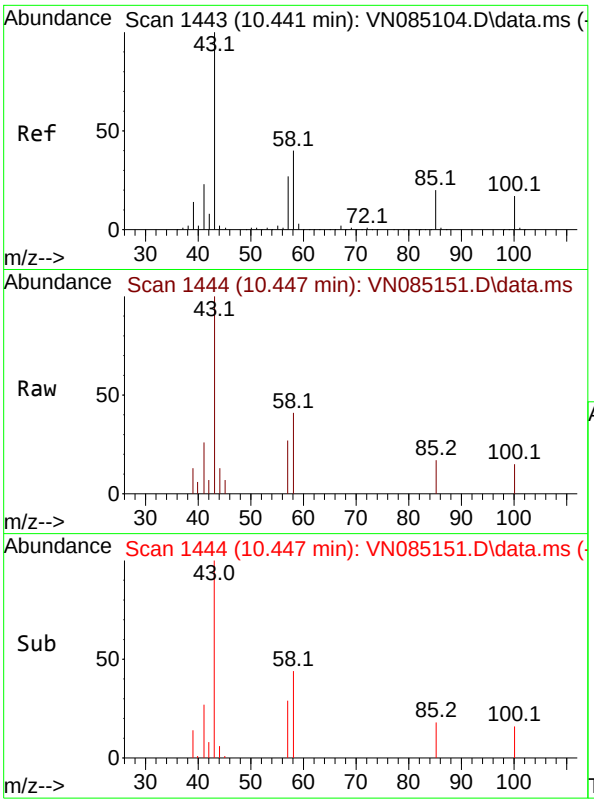


#50
Toluene-d8
Concen: 50.377 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 98 Resp: 299992

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.5	78.7



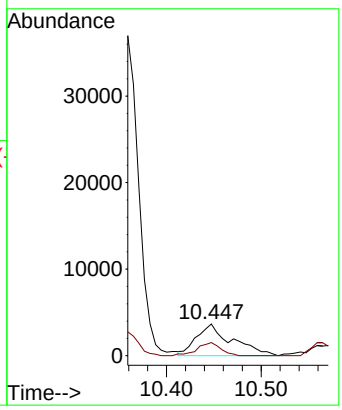


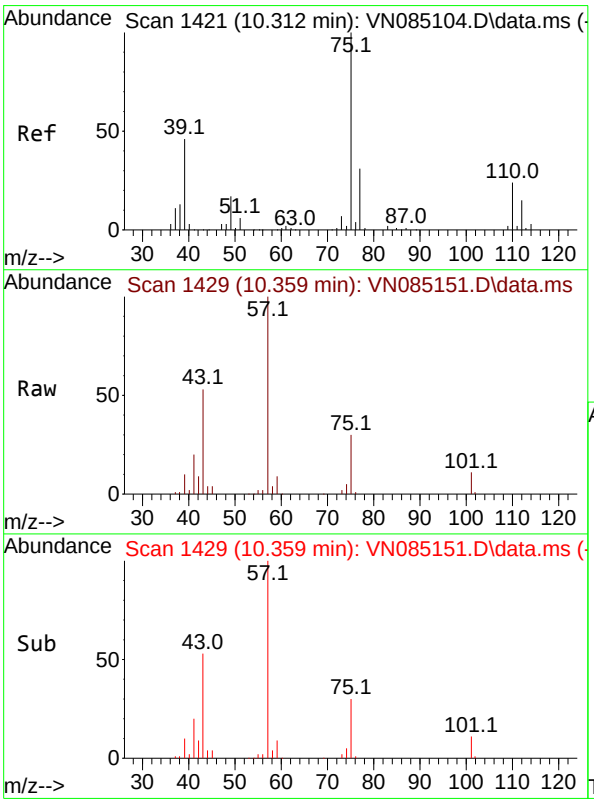
#51
4-Methyl-2-Pentanone
Concen: 4.925 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9560

Ion	Ratio	Lower	Upper
43	100		
58	27.4	32.1	48.1#

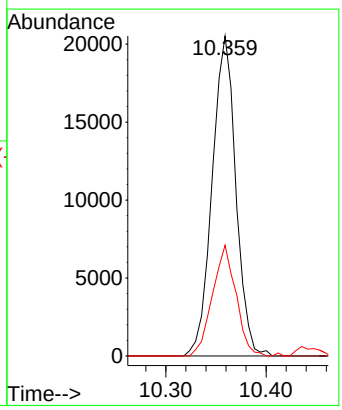


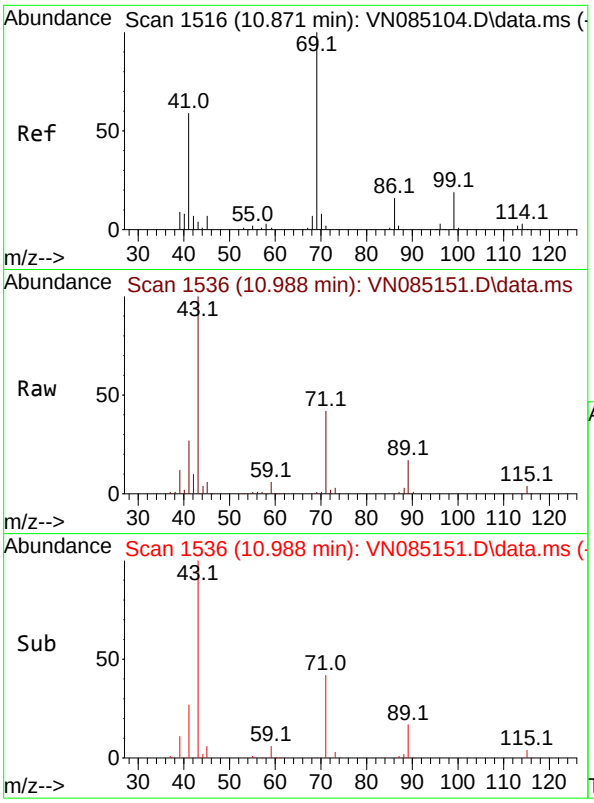


#54
cis-1,3-Dichloropropene
Concen: 12.256 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 75 Resp: 33659

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	34.6	37.6	56.4#



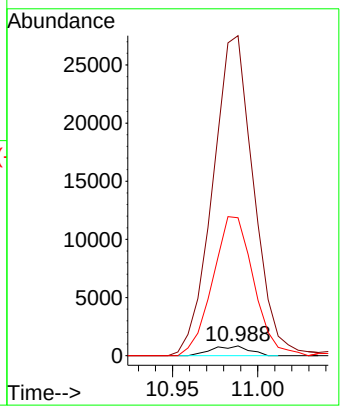


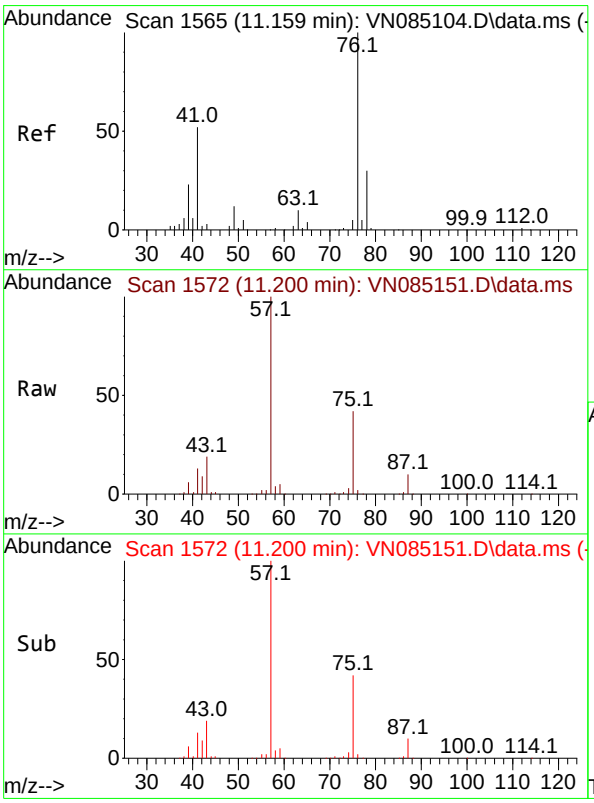
#56
Ethyl methacrylate
Concen: 0.550 ug/l
RT: 10.988 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1262

Ion	Ratio	Lower	Upper
69	100		
41	3646.6	50.0	75.0#
39	1585.4	27.0	40.6#

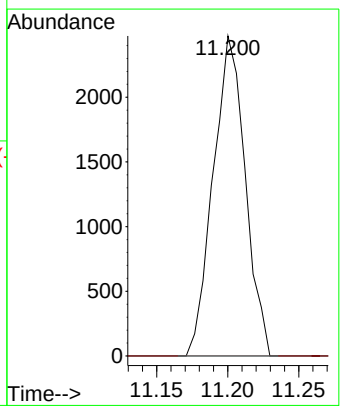


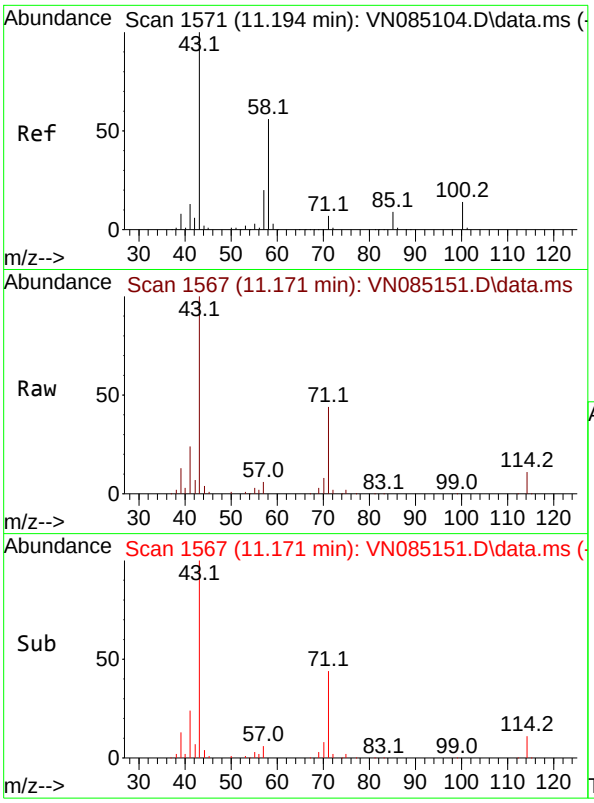


#57
1,3-Dichloropropane
Concen: 1.408 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 76 Resp: 3889

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



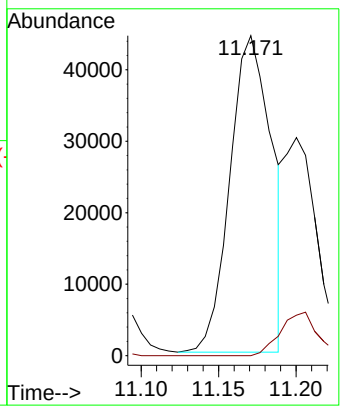


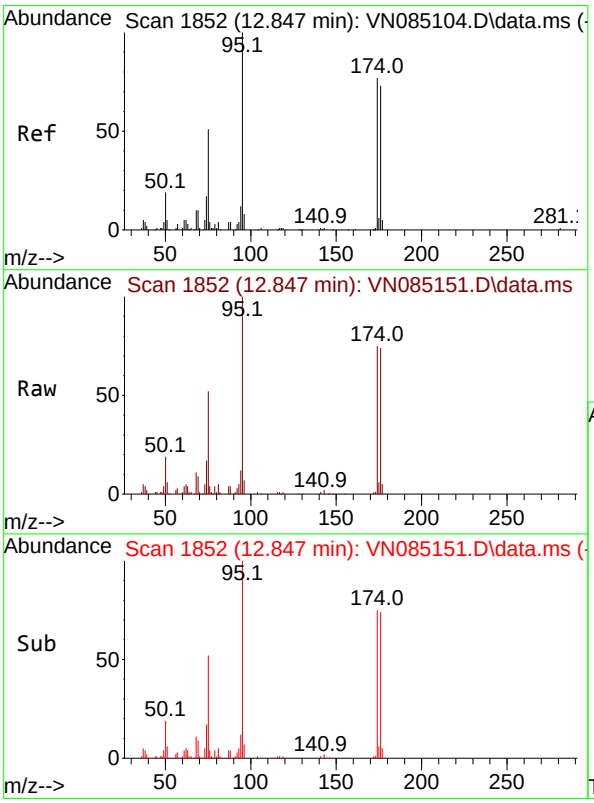
#59
2-Hexanone
Concen: 56.931 ug/l
RT: 11.171 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 82658

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.3	85.0#

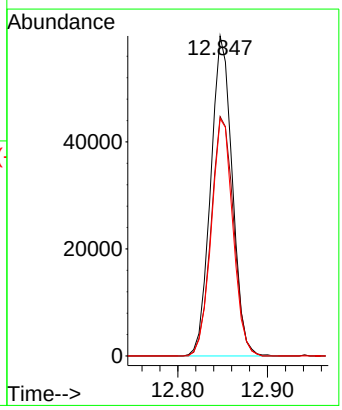


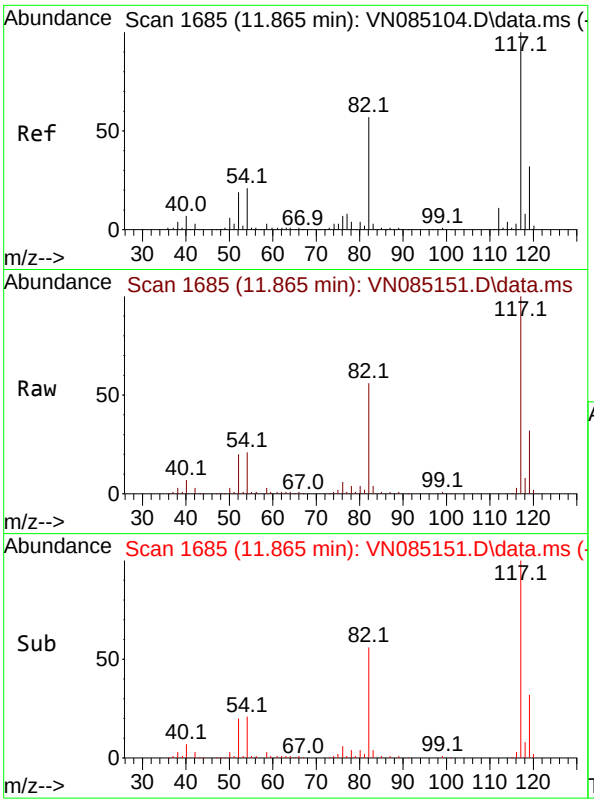


#62
4-Bromofluorobenzene
Concen: 44.827 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 95 Resp: 99828

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	146.6
176	74.2	0.0	141.8



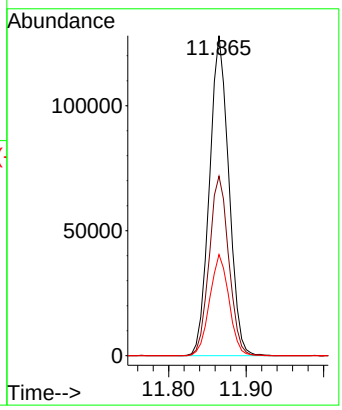


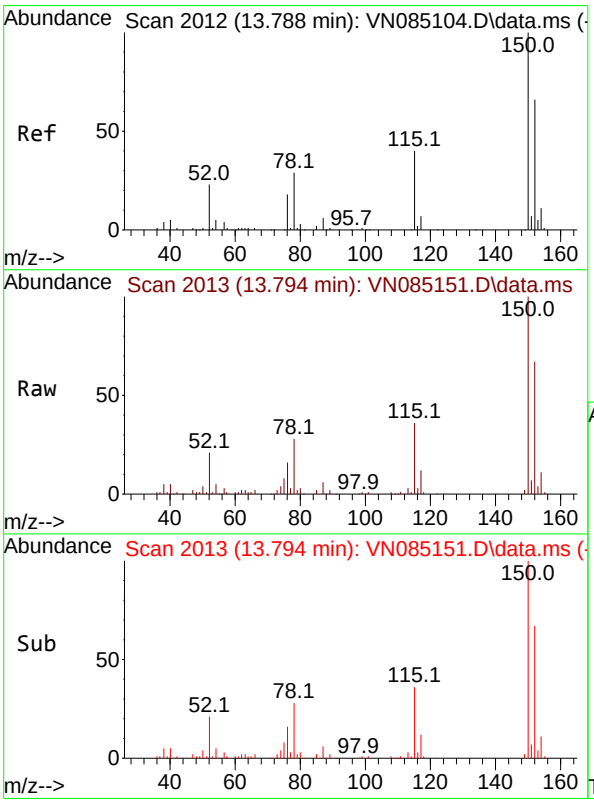
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 221770

Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.0	69.0
119	31.6	25.6	38.4

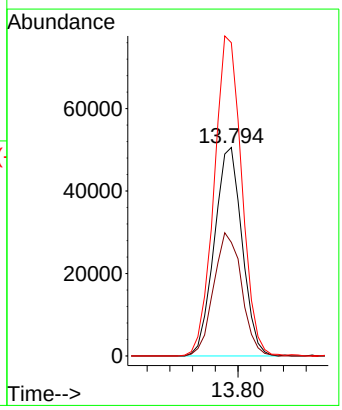


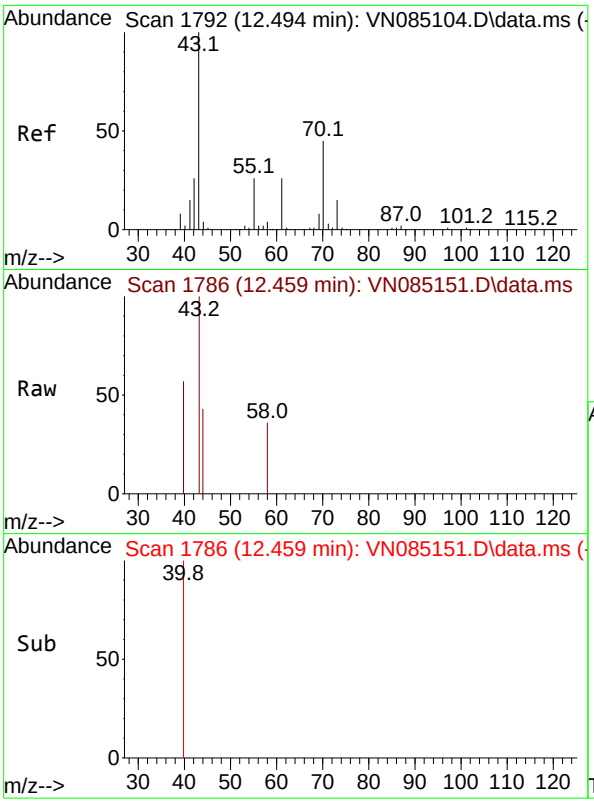


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion:152 Resp: 85732

Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.7	95.1
150	153.1	0.0	351.4



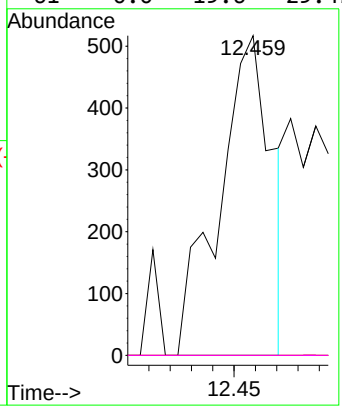


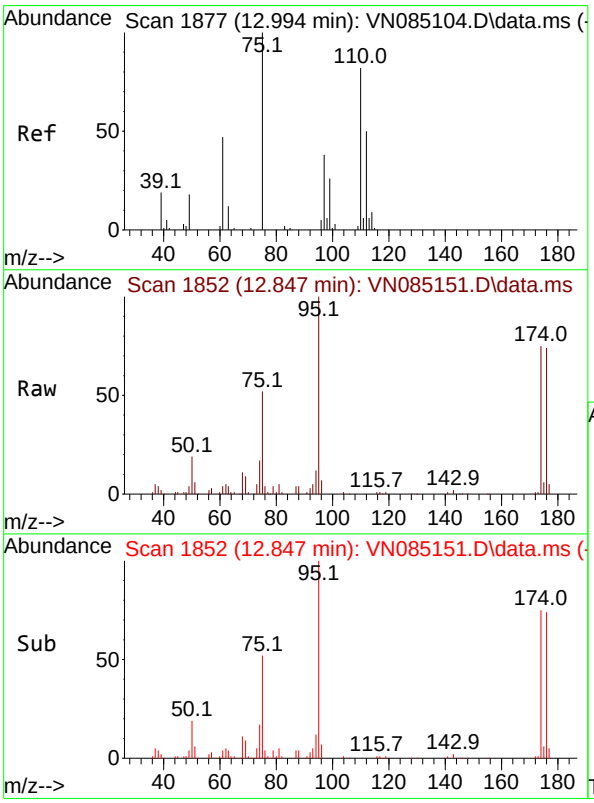
#74
N-amyl acetate
Concen: 0.357 ug/l
RT: 12.459 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 889

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.6	51.8#
55	0.0	20.5	30.7#
61	0.0	19.6	29.4#

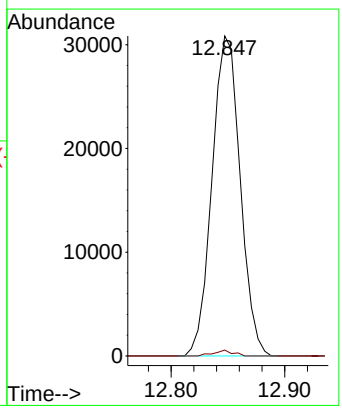


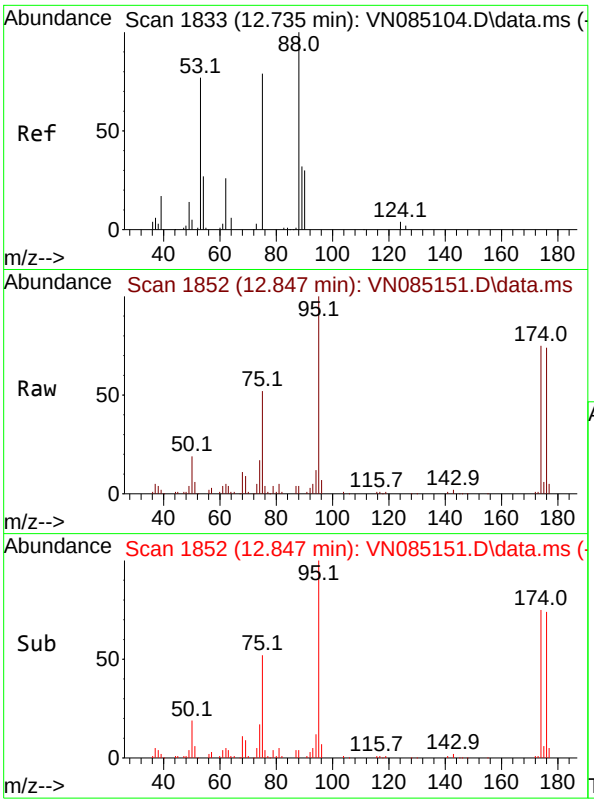


#76
1,2,3-Trichloropropane
Concen: 34.089 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Tgt Ion: 75 Resp: 53158

Ion	Ratio	Lower	Upper
75	100		
77	1.2	109.1	327.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.253 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085151.D
Acq: 09 Dec 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 53158

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.4#
89	0.0	37.9	56.9#