Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065053.D
Acq On : 10 Dec 2020 19:43
Operator : JC/MD
Sample : PB133501ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#01

Quant Time: Dec 11 03:47:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 10 16:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	289732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102855	54.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.52%			
35) Dibromofluoromethane	7.55	113	94158	49.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.24%			
50) Toluene-d8	10.06	98	381693	51.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.82%			
62) 4-Bromofluorobenzene	12.38	95	140113	55.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.18%			

Target Compounds						Qvalue
3) Chloromethane	2.04	50	63	Below Cal	#	42
16) Acetone	3.79	43	5892	8.763	ug/l	95
17) Carbon Disulfide	4.00	76	348	1.001	ug/l #	75
18) Methyl Acetate	4.29	43	621	0.367	ug/l #	50
20) Methylene Chloride	4.51	84	6826	3.985	ug/l	96
25) 2-Butanone	6.80	43	2409	2.598	ug/l #	46
29) Tetrahydrofuran	7.18	42	1129	1.940	ug/l #	54
31) Cyclohexane	7.62	56	2841	2.653	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11390	4.609	ug/l #	48
38) Carbon Tetrachloride	7.62	117	14802	5.638	ug/l #	17
41) Methacrylonitrile	7.18	41	403	0.345	ug/l #	36
43) Isopropyl Acetate	8.13	43	14656	3.924	ug/l	99
45) 1,2-Dichloropropane	9.23	63	1117	0.539	ug/l #	45
48) Methyl methacrylate	9.14	41	3987	2.249	ug/l #	12
51) 4-Methyl-2-Pentanone	9.95	43	3509	1.571	ug/l	98
54) cis-1,3-Dichloropropene	9.87	75	26718	8.158	ug/l #	67
57) 1,3-Dichloropropane	10.74	76	16988	5.200	ug/l #	42
59) 2-Hexanone	10.74	43	218046	135.543	ug/l #	51
71) Bromoform	12.38	173	886	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	65579	26.214	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	65579	74.612	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.89	180	103	5.296	ug/l #	13
95) Naphthalene	15.11	128	407	6.263	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.30	180	31	5.119	ug/l #	1

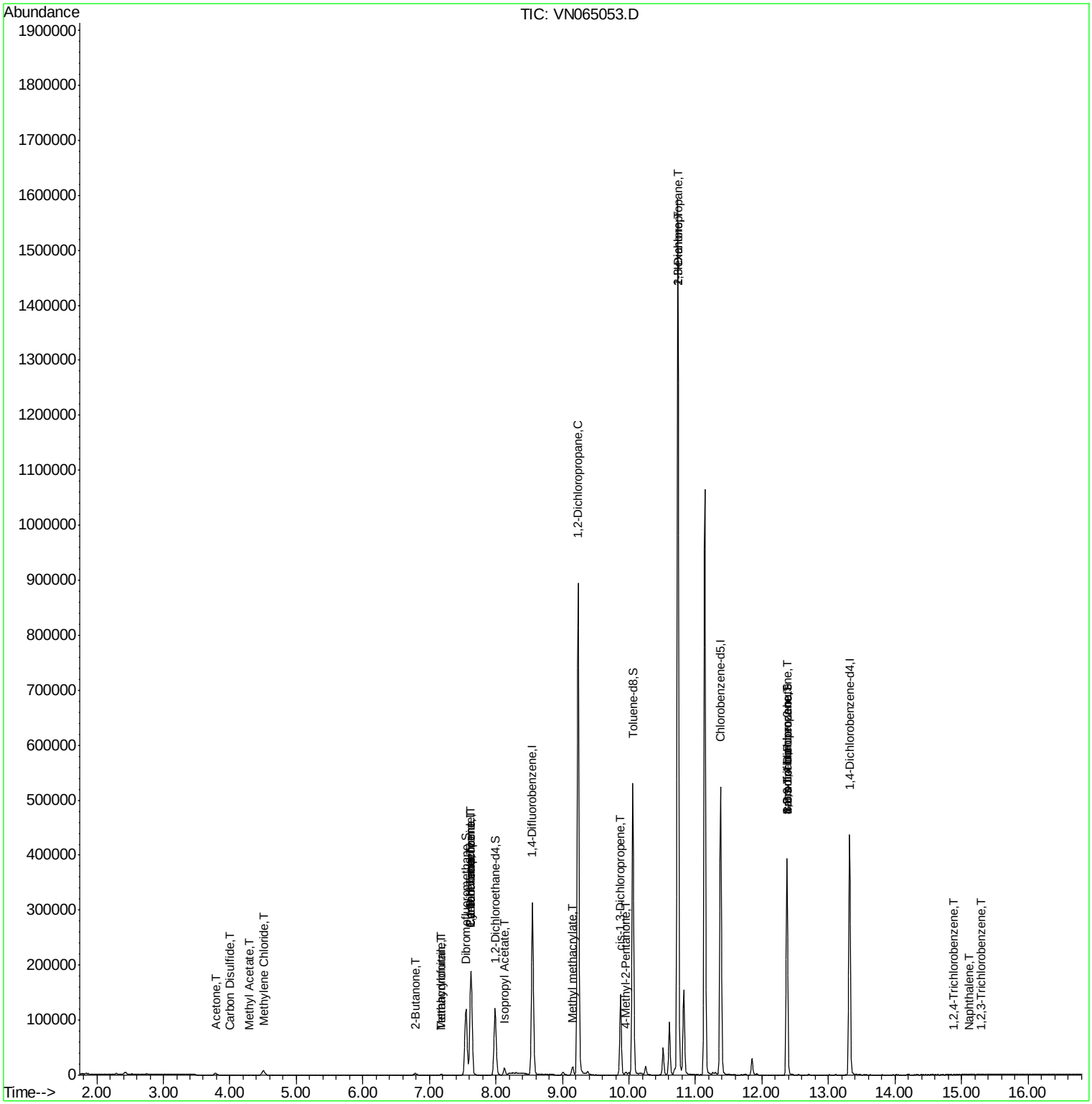
(#) = qualifier out of range (m) = manual integration (+) = signals summed

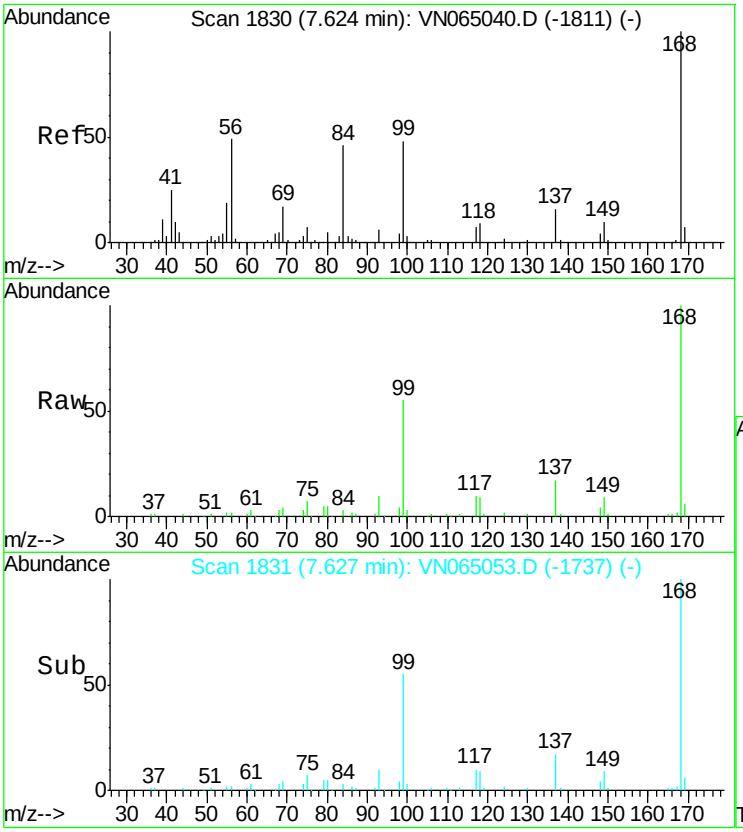
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065053.D
Acq On : 10 Dec 2020 19:43
Operator : JC/MD
Sample : PB133501ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Quant Time: Dec 11 03:47:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 10 16:04:22 2020
Response via : Initial Calibration



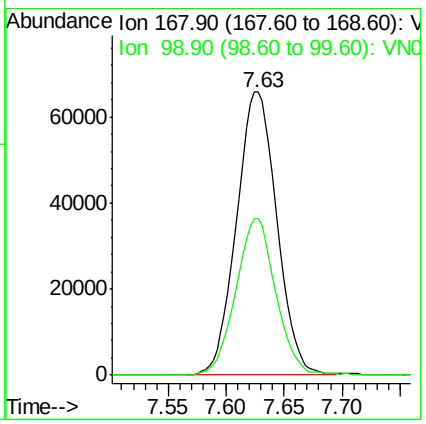


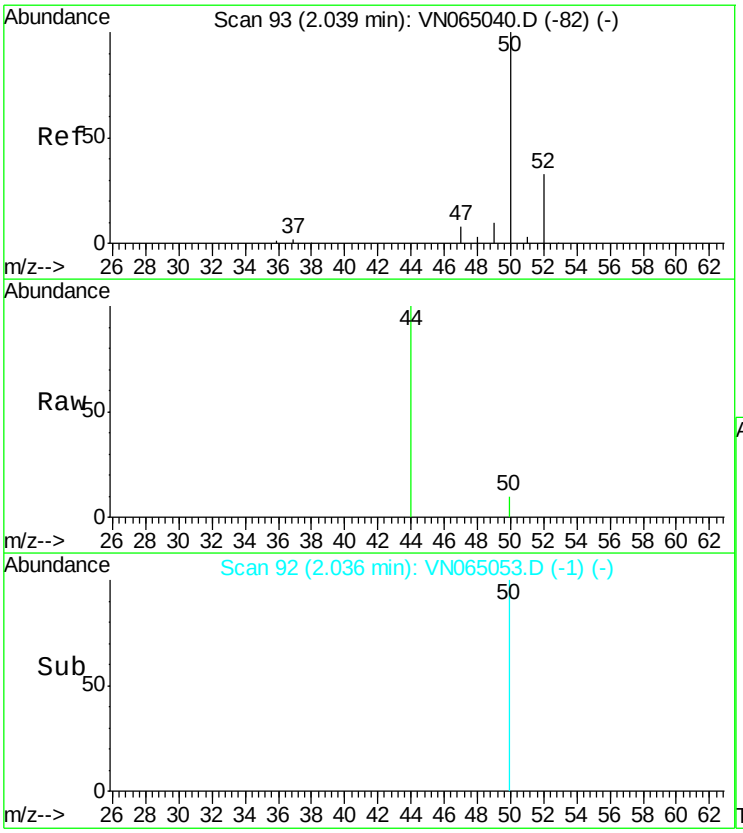
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion:168 Resp: 159213

Ion	Ratio	Lower	Upper
168	100		
99	55.3	44.0	66.0

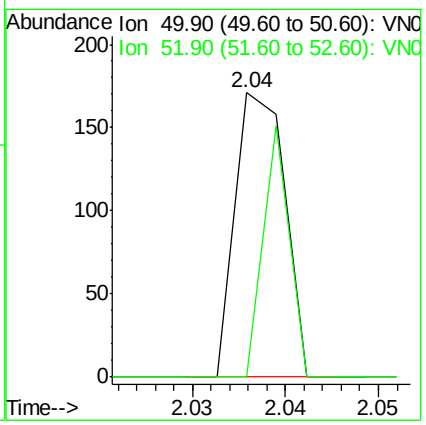


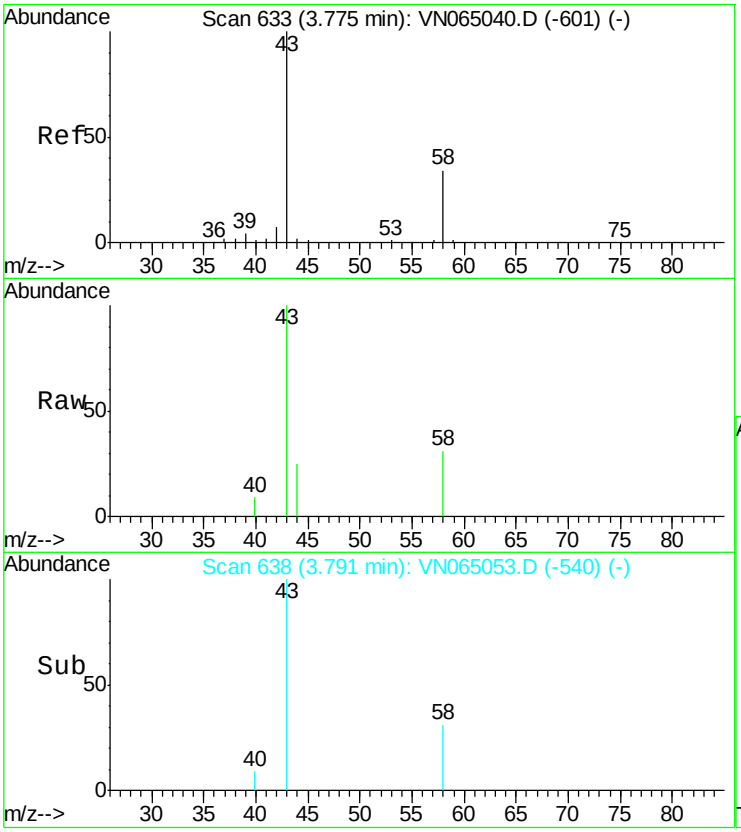


#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 92
Delta R.T. -0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 50 Resp: 63

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



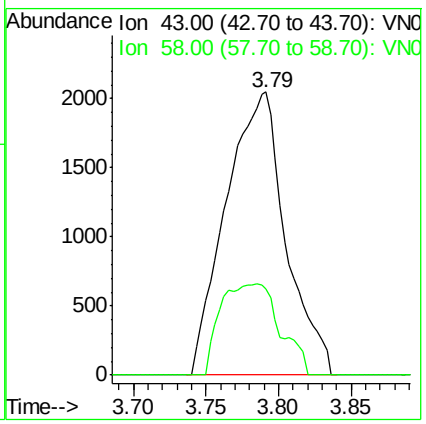


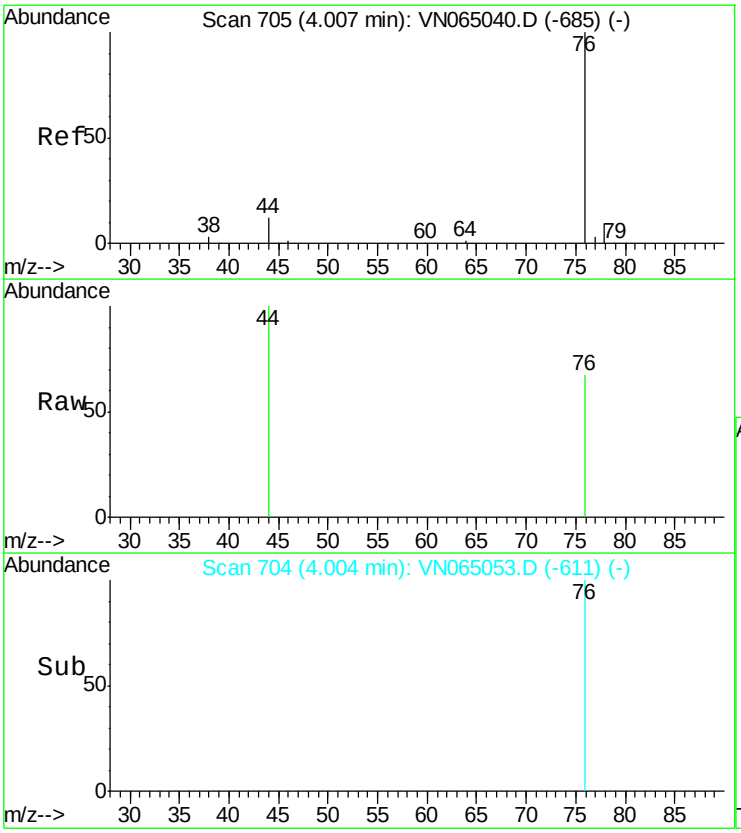
#16
Acetone
Concen: 8.763 ug/l
RT: 3.79 min Scan# 638
Delta R.T. 0.02 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 43 Resp: 5892

Ion	Ratio	Lower	Upper
43	100		
58	30.7	26.8	40.2

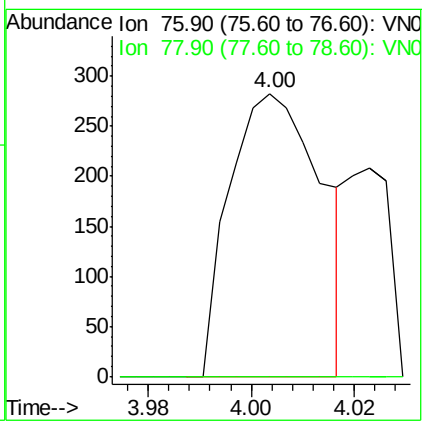


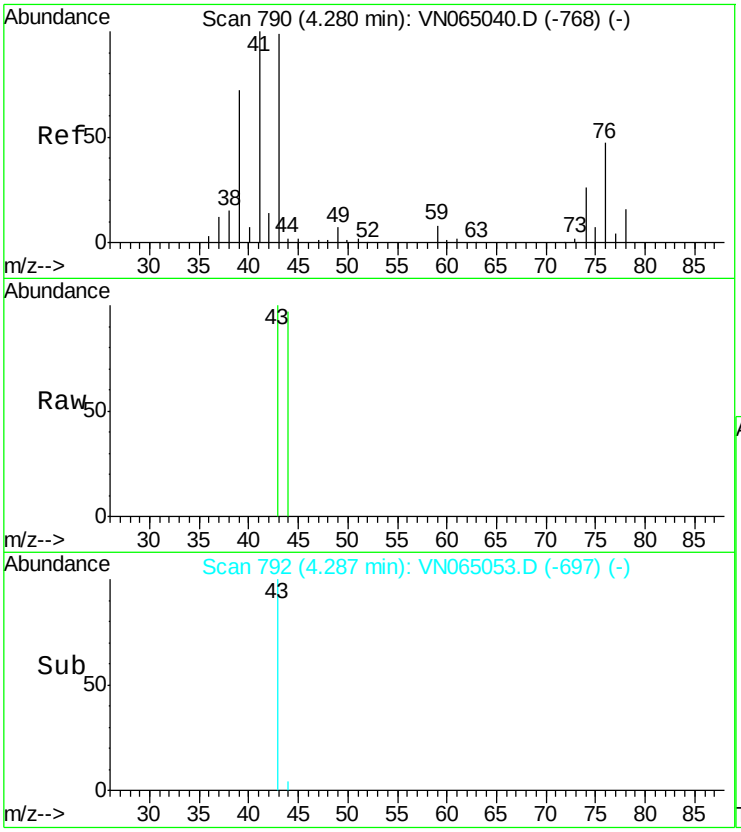


#17
Carbon Disulfide
Concen: 1.001 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 76 Resp: 348

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



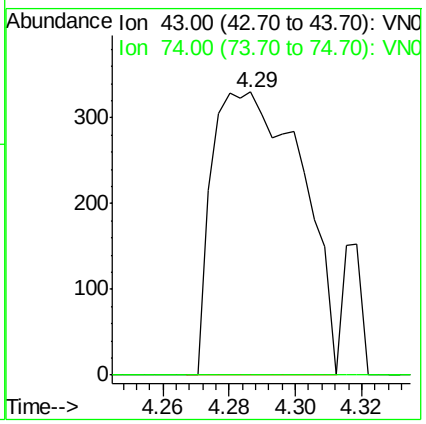


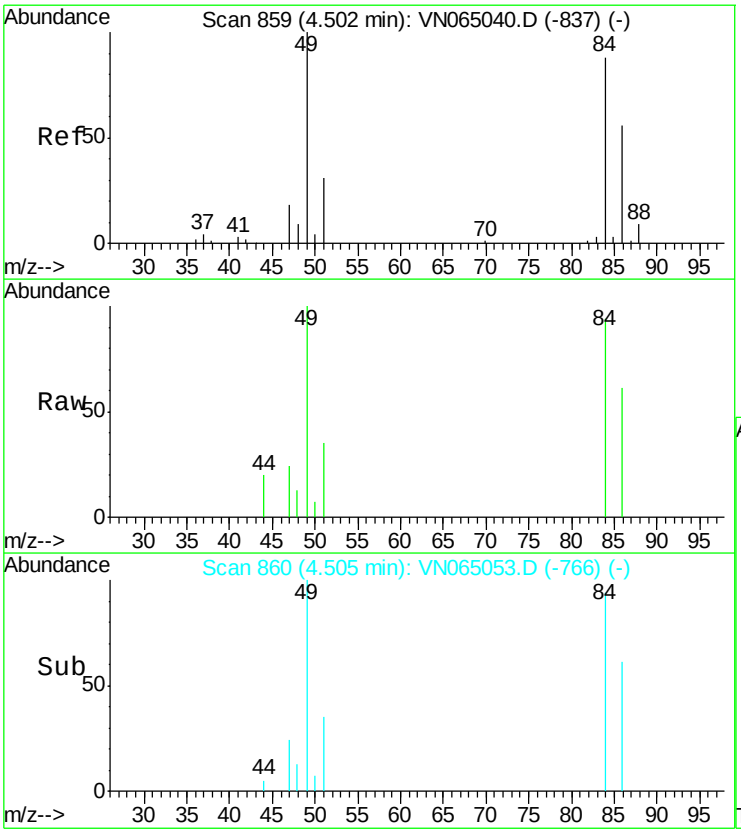
#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#01

Tgt Ion: 43 Resp: 621

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.1	30.1#

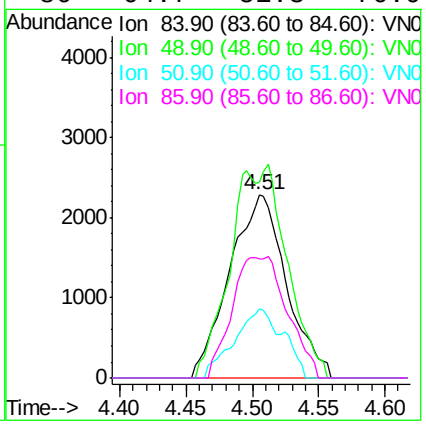


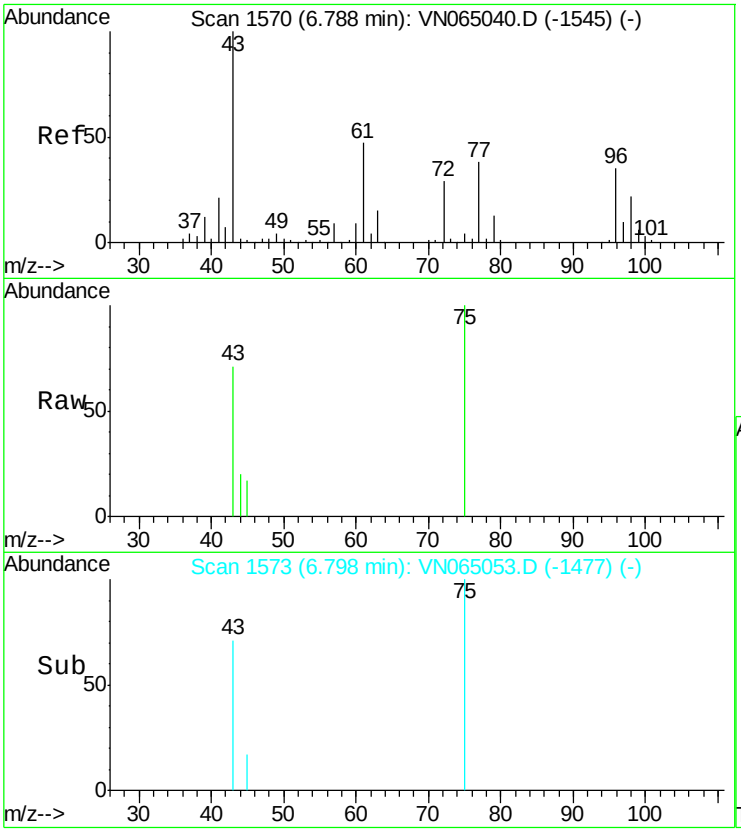


#20
Methylene Chloride
Concen: 3.985 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 84 Resp: 6826

Ion	Ratio	Lower	Upper
84	100		
49	106.7	90.8	136.2
51	37.8	28.1	42.1
86	64.7	51.3	76.9



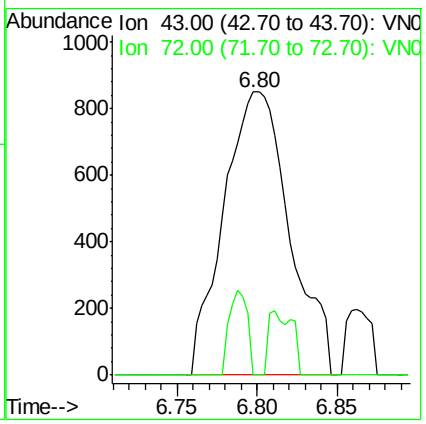


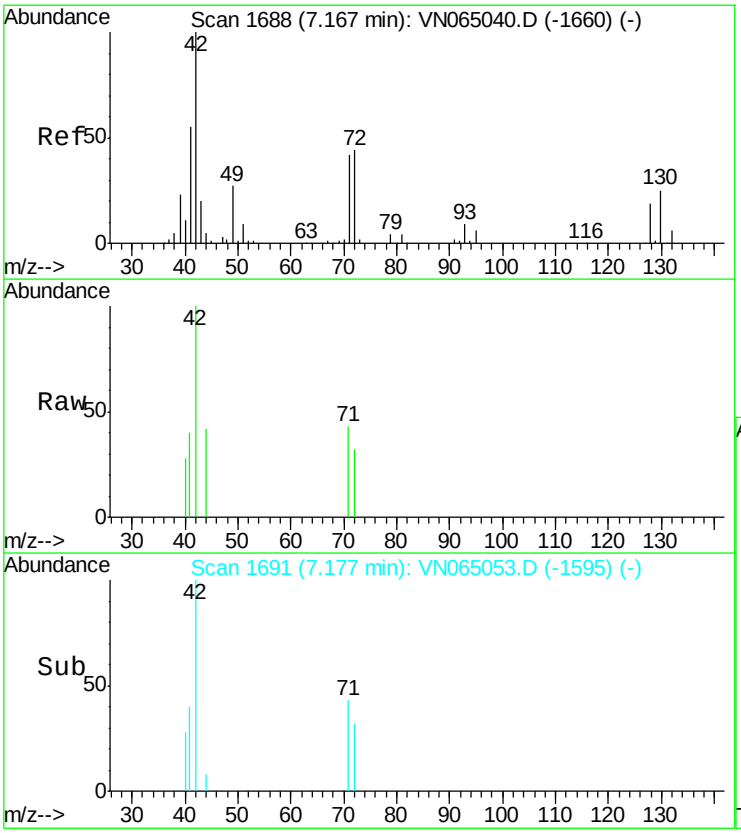
#25
2-Butanone
Concen: 2.598 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#01

Tgt Ion: 43 Resp: 2409

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.9	34.3#

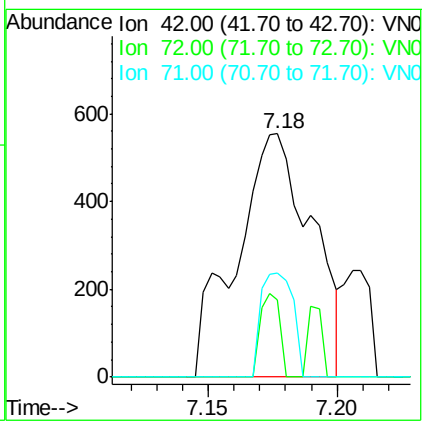


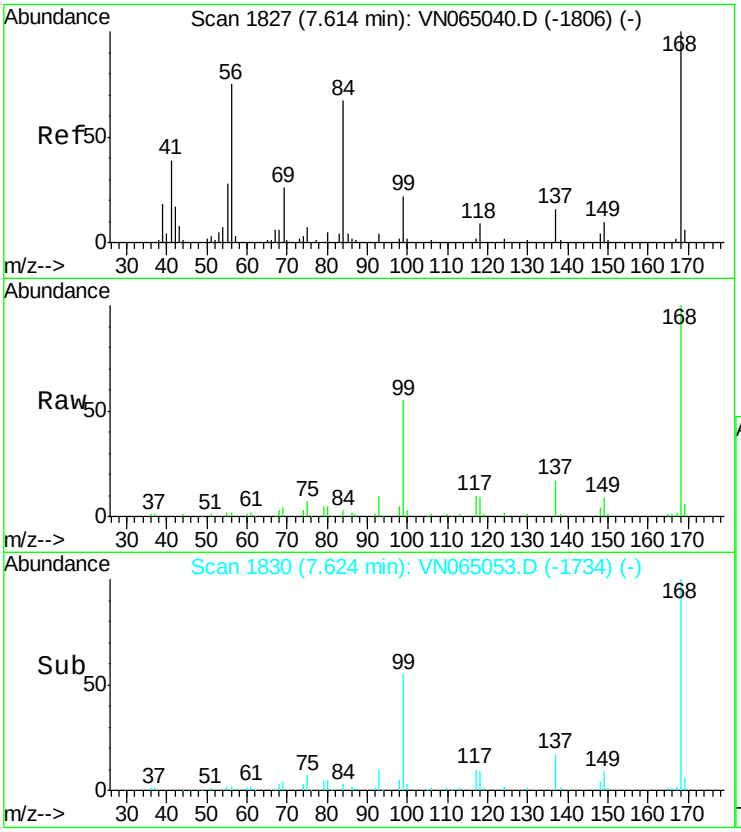


#29
Tetrahydrofuran
Concen: 1.940 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 42 Resp: 1129

Ion	Ratio	Lower	Upper
42	100		
72	8.9	35.8	53.6#
71	18.2	33.5	50.3#



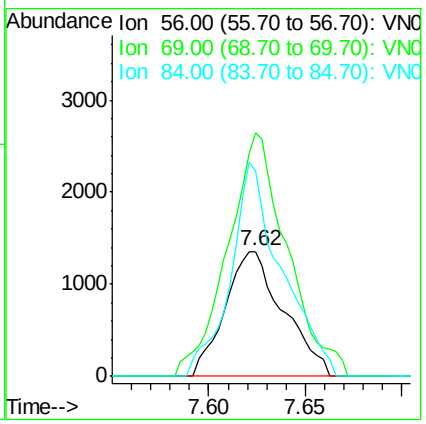


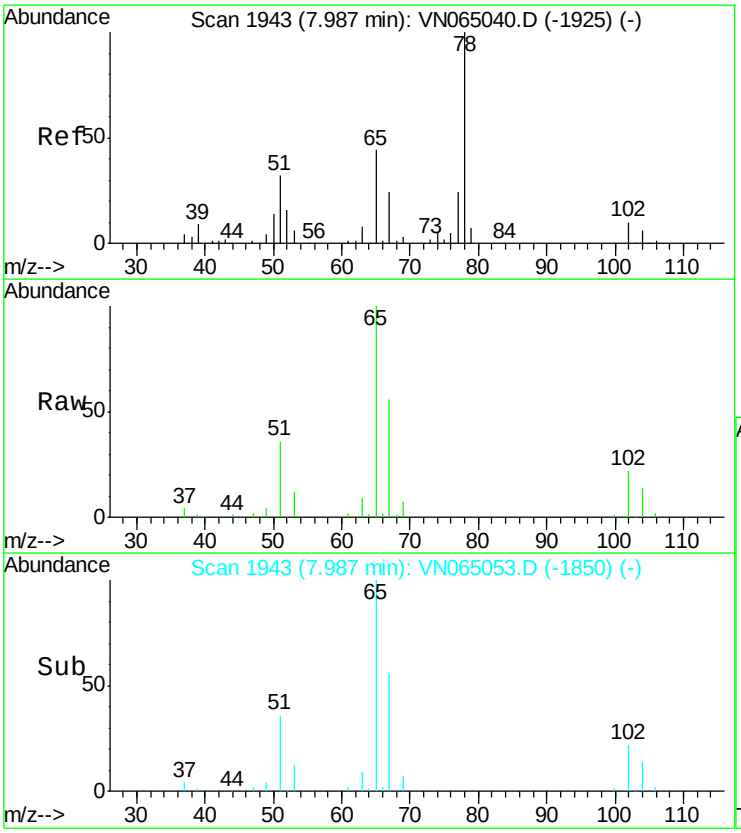
#31
Cyclohexane
Concen: 2.653 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 56 Resp: 2841

Ion	Ratio	Lower	Upper
56	100		
69	179.3	27.5	41.3#
84	164.3	72.4	108.6#

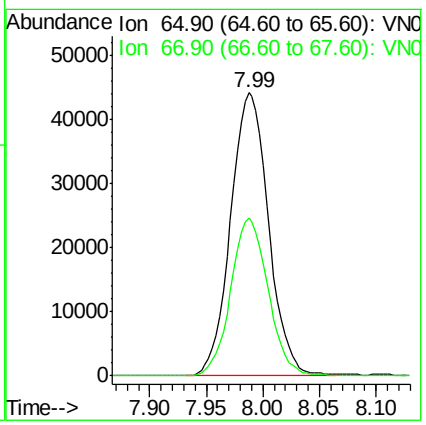


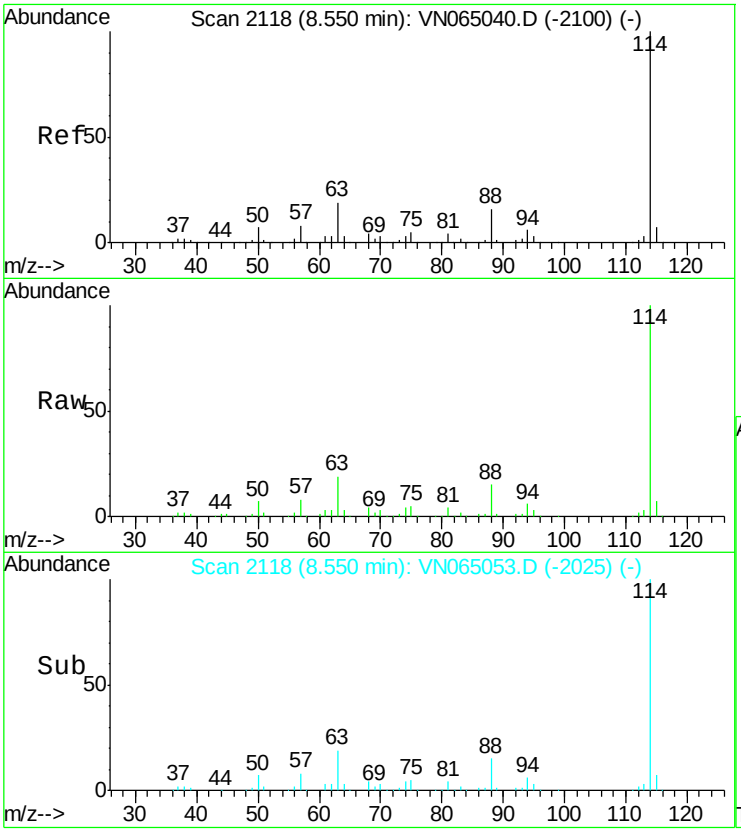


#33
1,2-Dichloroethane-d4
Concen: 54.261 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 65 Resp: 102855

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	108.4



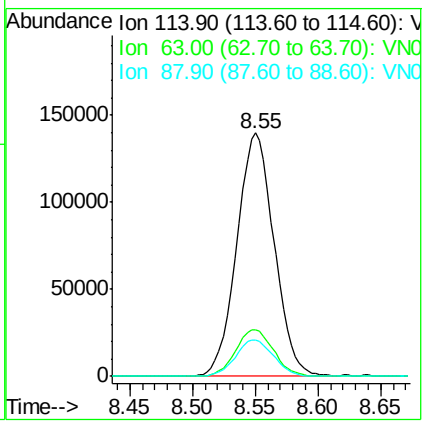


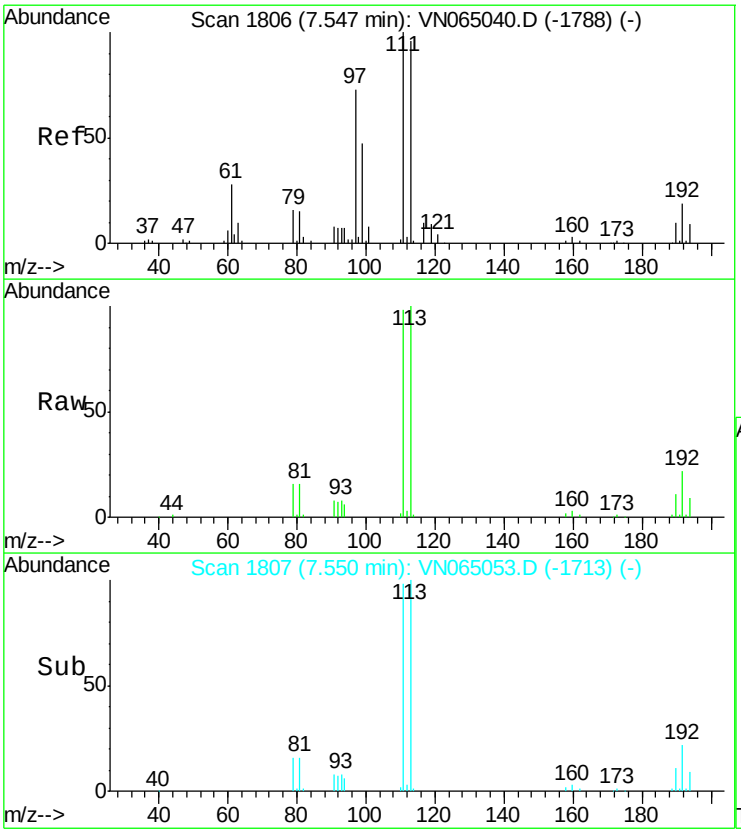
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion:114 Resp: 289732

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.2
88	14.9	0.0	31.6

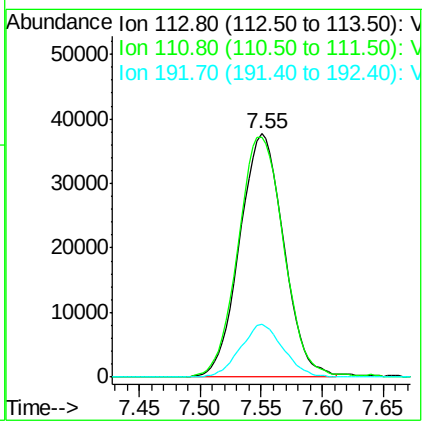


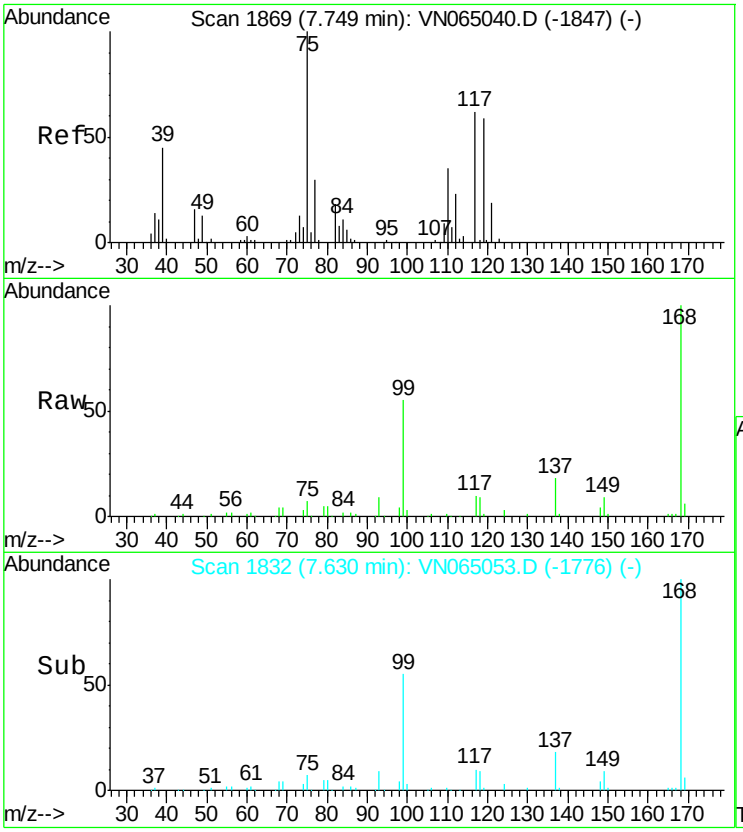


#35
Dibromofluoromethane
Concen: 49.123 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion:113 Resp: 94158

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.0
192	21.0	16.2	24.2



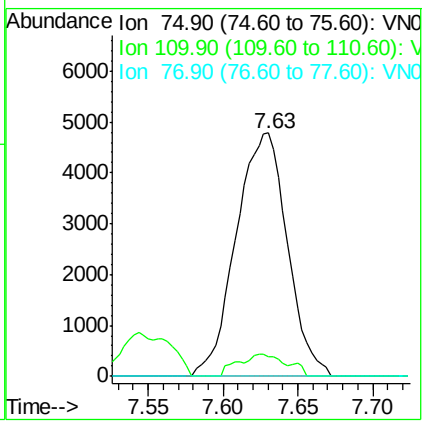


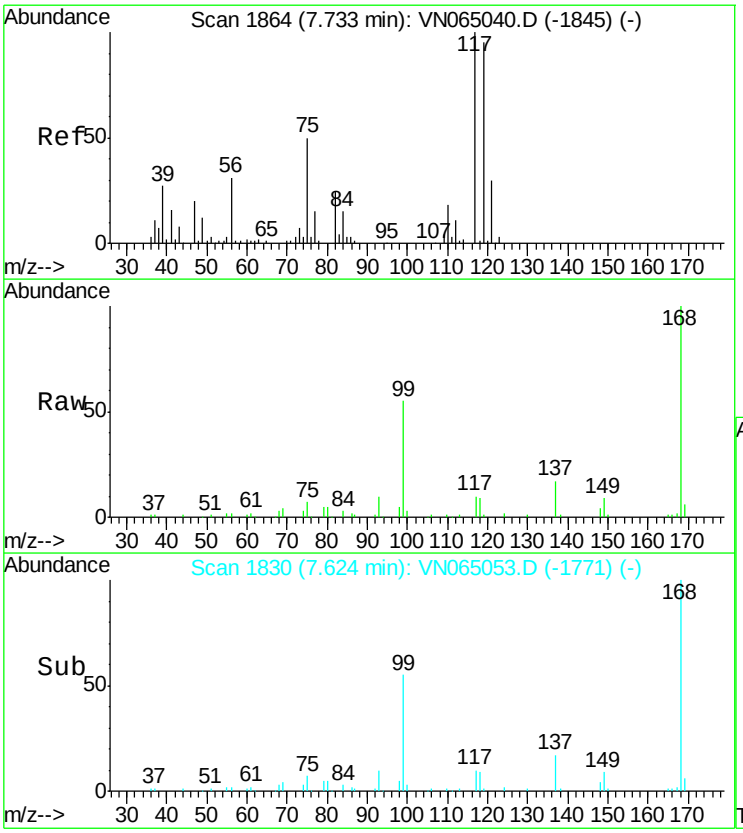
#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.12 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 75 Resp: 11390

Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.1	54.1#
77	0.0	24.5	36.7#

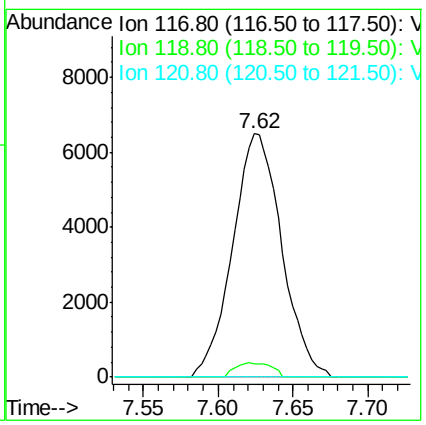


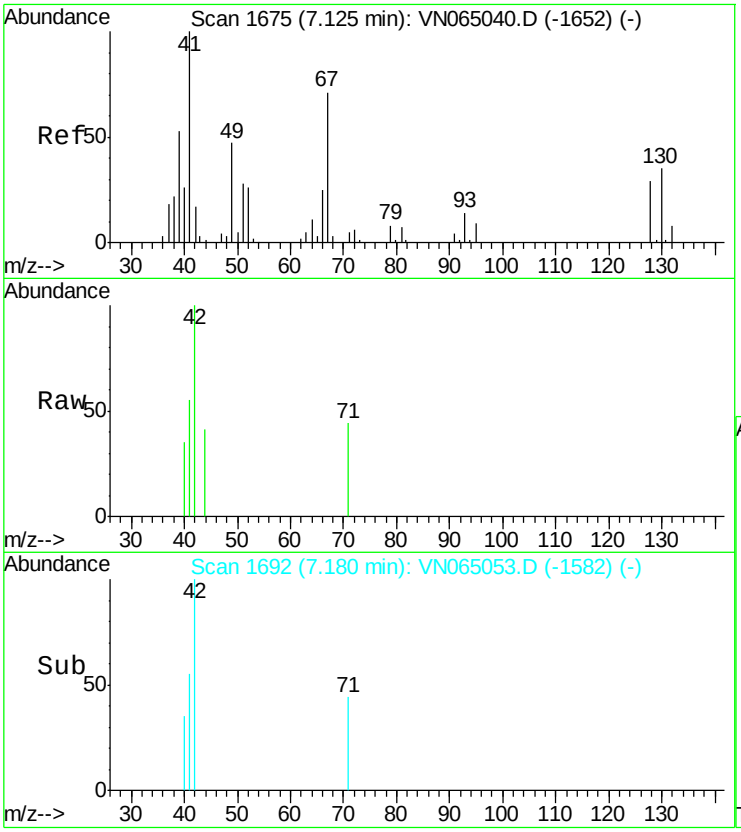


#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion:117 Resp: 14802

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.9	113.9#
121	0.0	24.1	36.1#



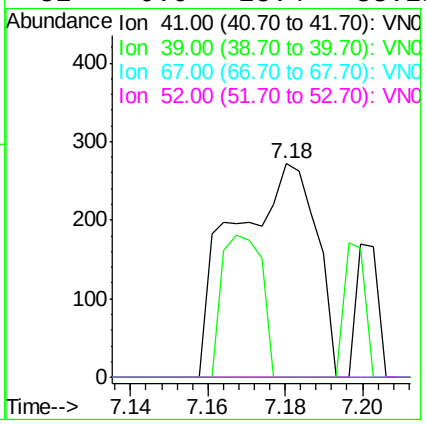


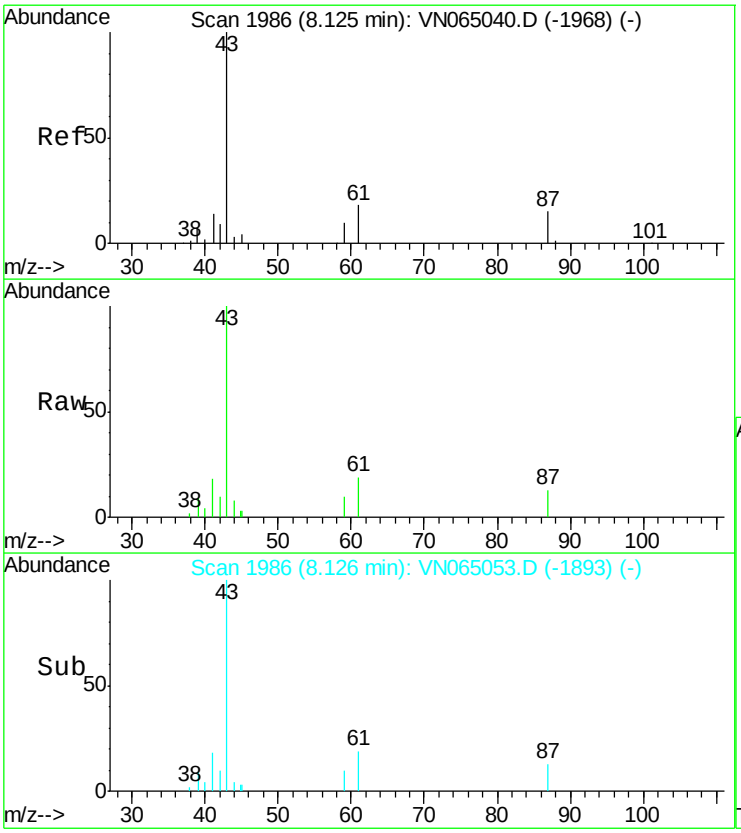
#41
Methacrylonitrile
Concen: 0.345 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.05 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 41 Resp: 403

Ion	Ratio	Lower	Upper
41	100		
39	32.0	36.0	54.0#
67	0.0	64.8	97.2#
52	0.0	25.4	38.2#

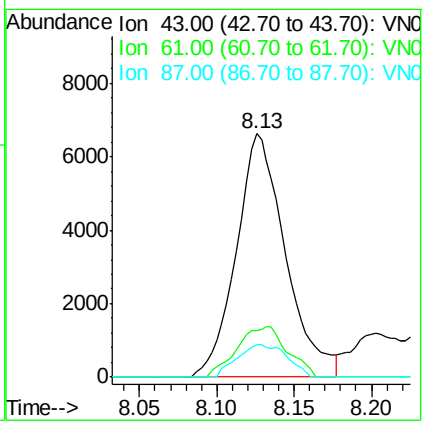


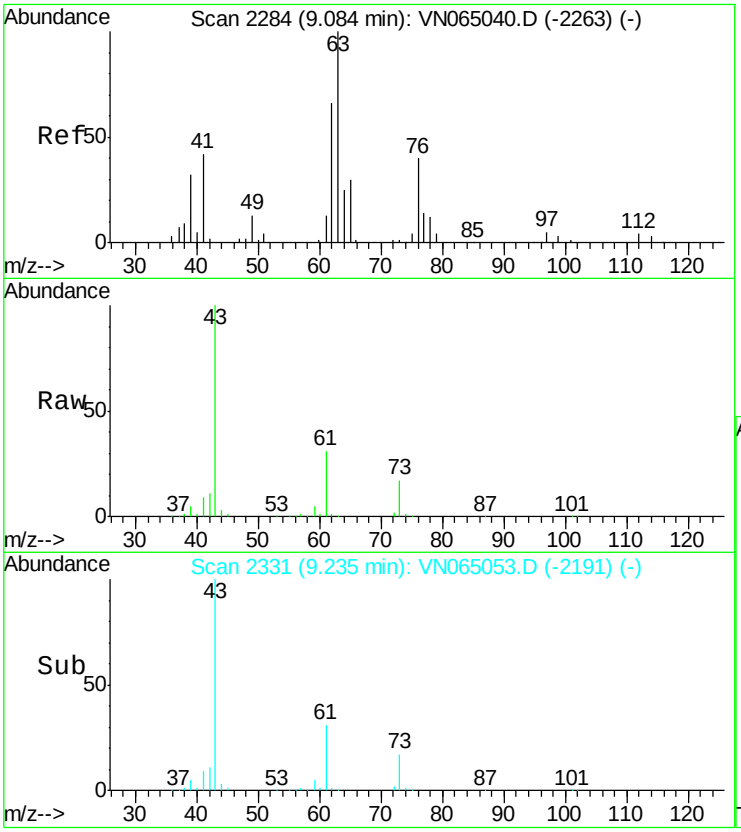


#43
Isopropyl Acetate
Concen: 3.924 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 43 Resp: 14656

Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.9	25.3
87	13.5	11.4	17.2



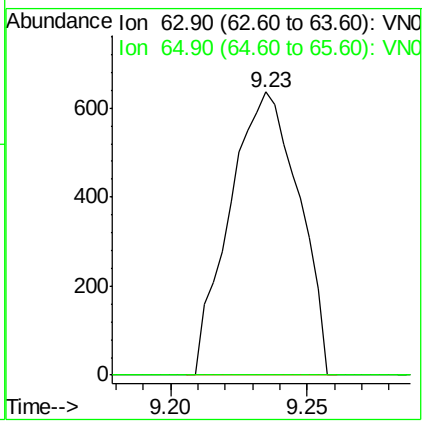


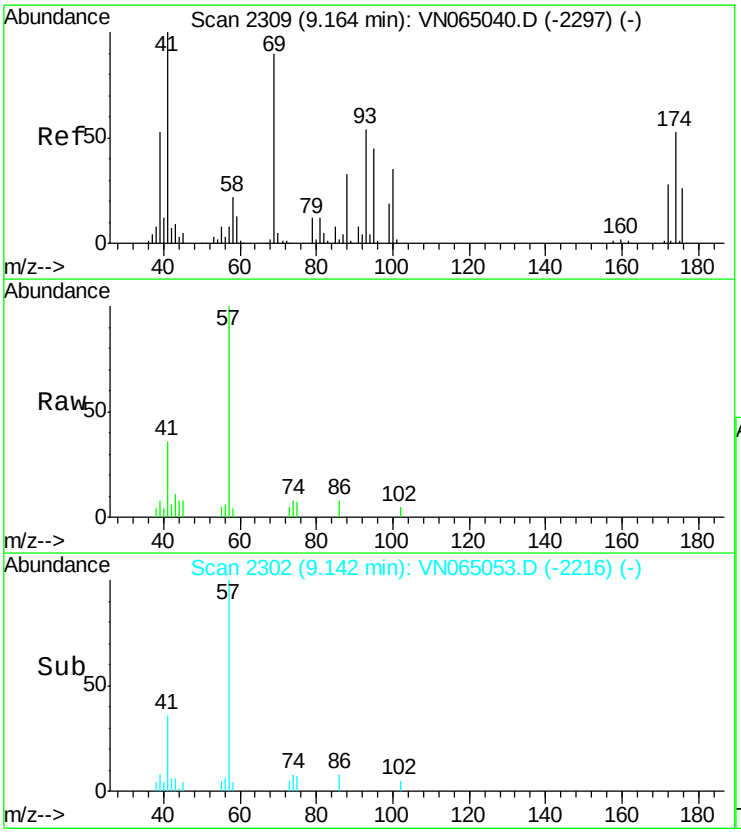
#45
1,2-Dichloropropane
Concen: 0.539 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 63 Resp: 1117

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.0	36.0#

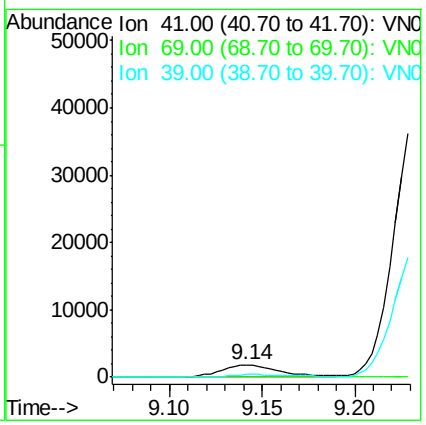


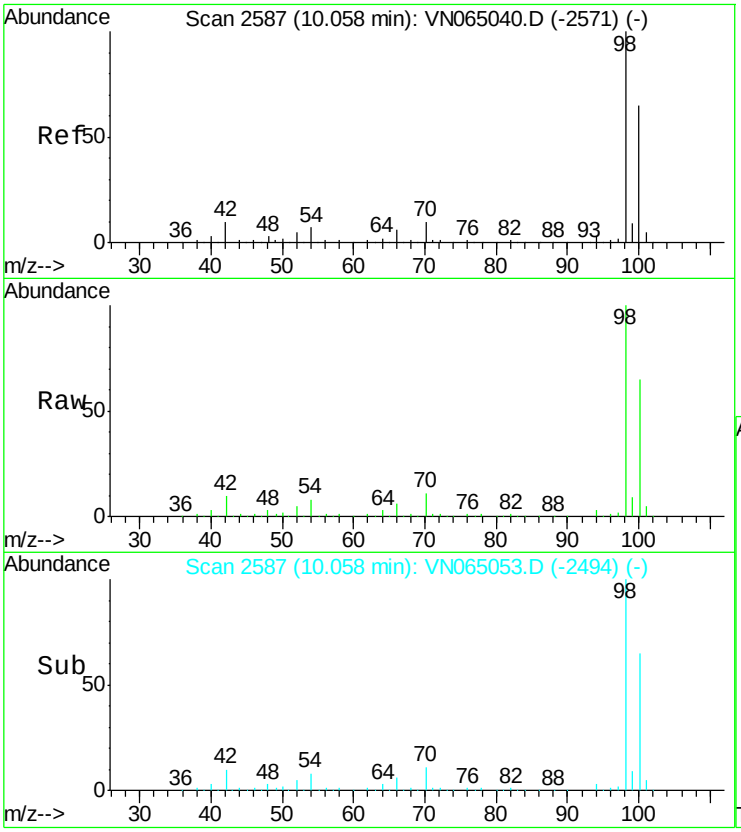


#48
Methyl methacrylate
Concen: 2.249 ug/l
RT: 9.14 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 41 Resp: 3987

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.1	108.1#
39	0.0	43.8	65.6#



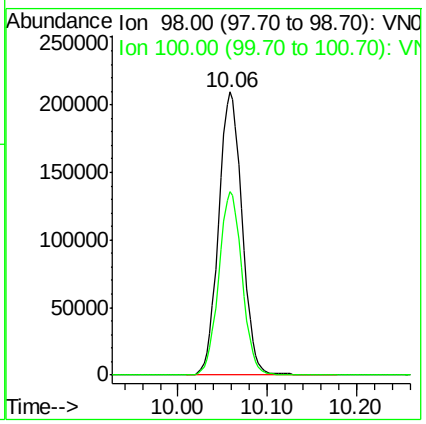


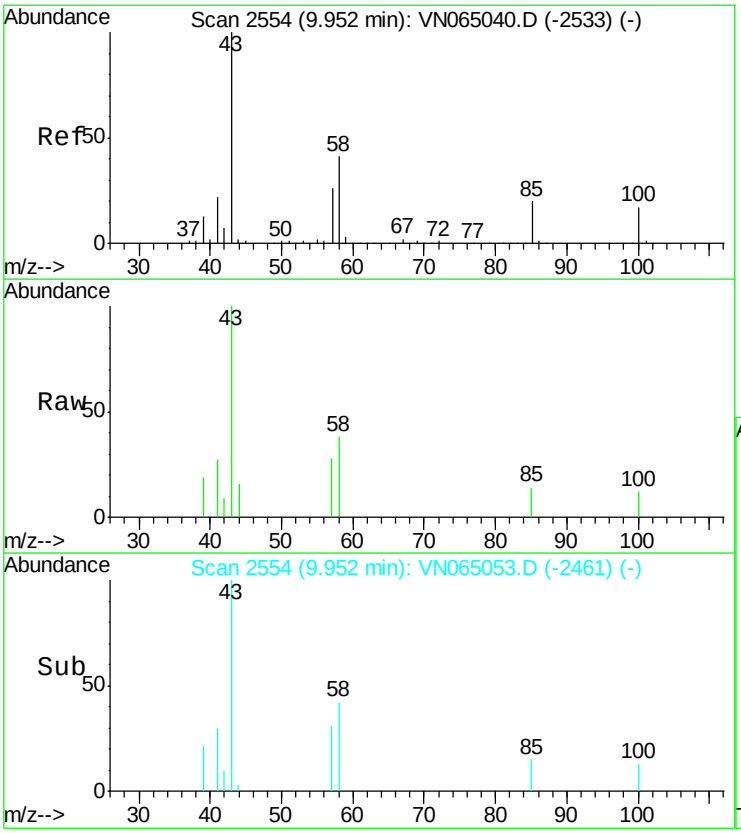
#50
Toluene-d8
Concen: 51.905 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 98 Resp: 381693

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

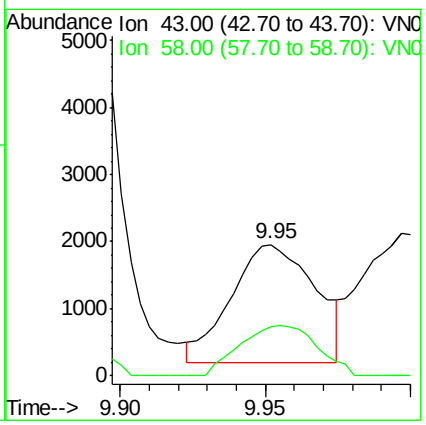


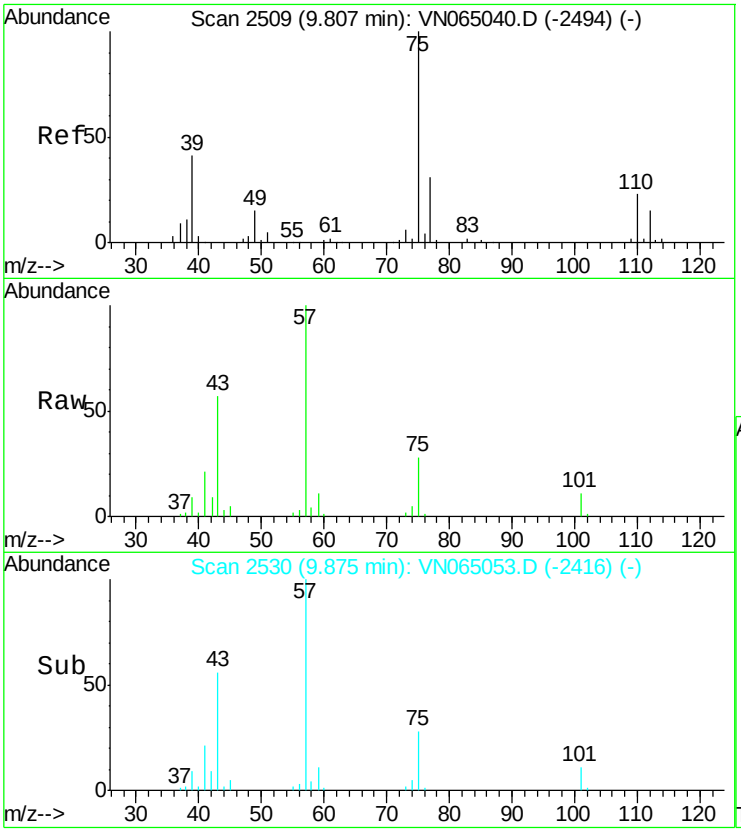


#51
4-Methyl-2-Pentanone
Concen: 1.571 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 43 Resp: 3509

Ion	Ratio	Lower	Upper
43	100		
58	39.4	32.4	48.6



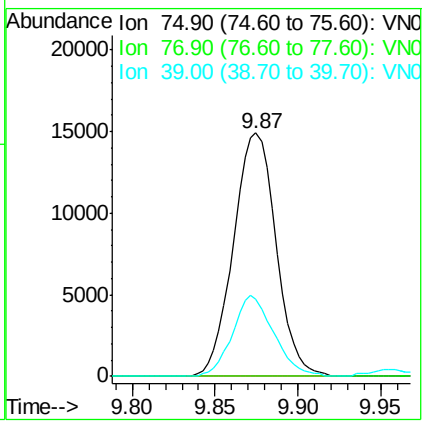


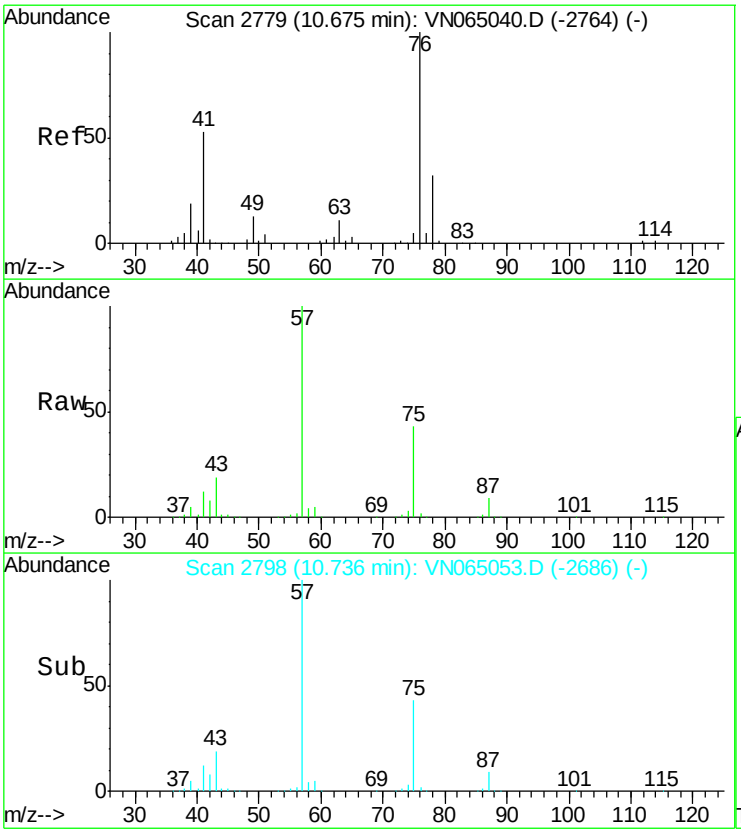
#54
cis-1,3-Dichloropropene
Concen: 8.158 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 75 Resp: 26718

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	31.6	33.0	49.4#

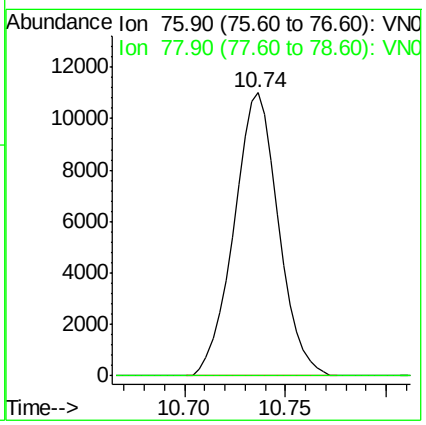


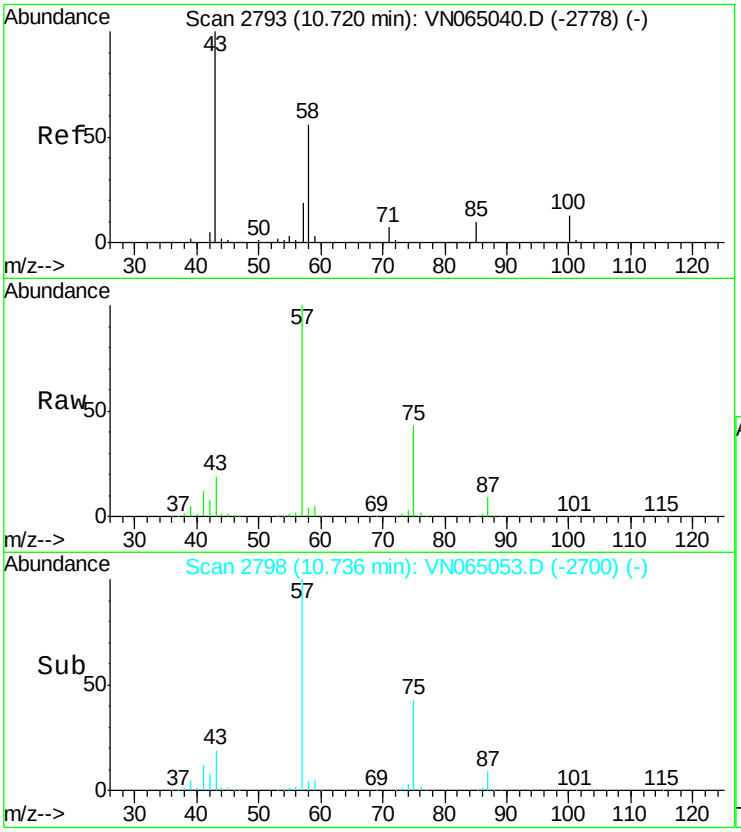


#57
1,3-Dichloropropane
Concen: 5.200 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 76 Resp: 16988

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.5	39.7#



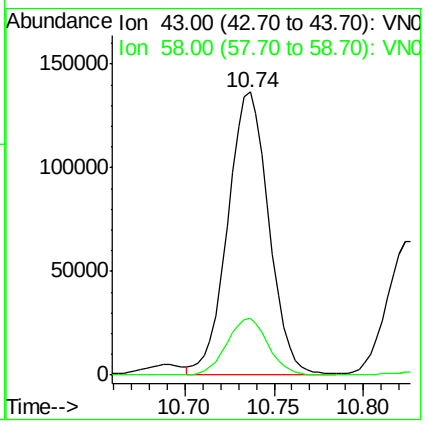


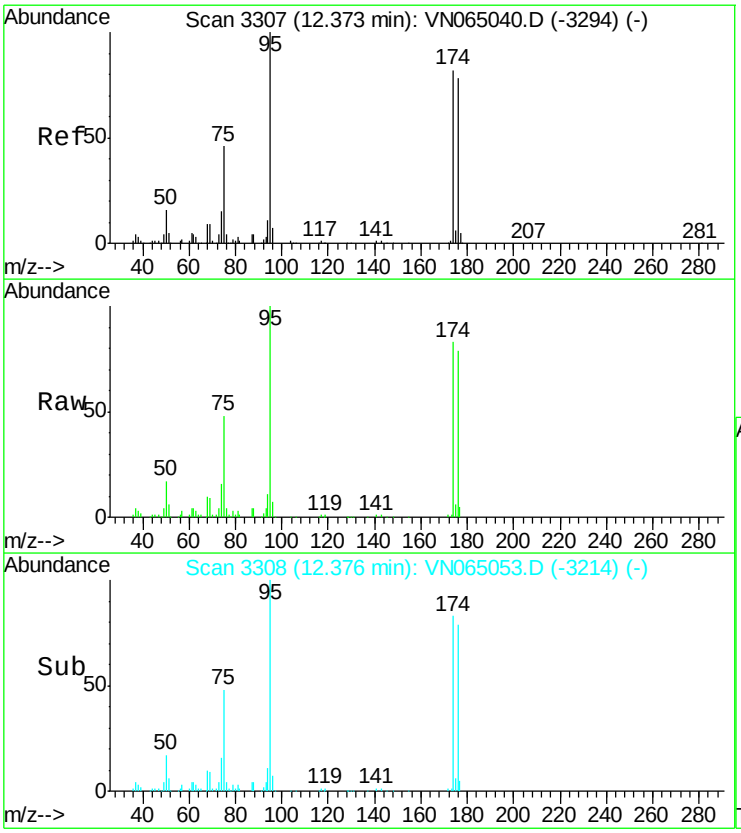
#59
2-Hexanone
Concen: 135.543 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#01

Tgt Ion: 43 Resp: 218046

Ion	Ratio	Lower	Upper
43	100		
58	20.3	28.3	84.9#

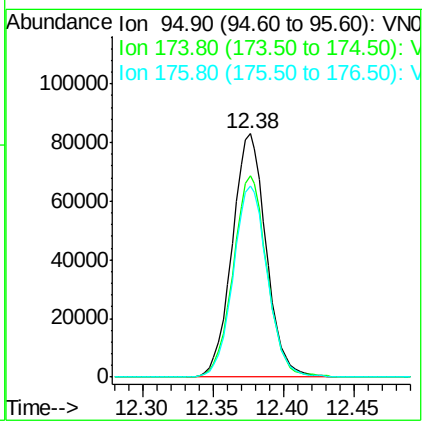


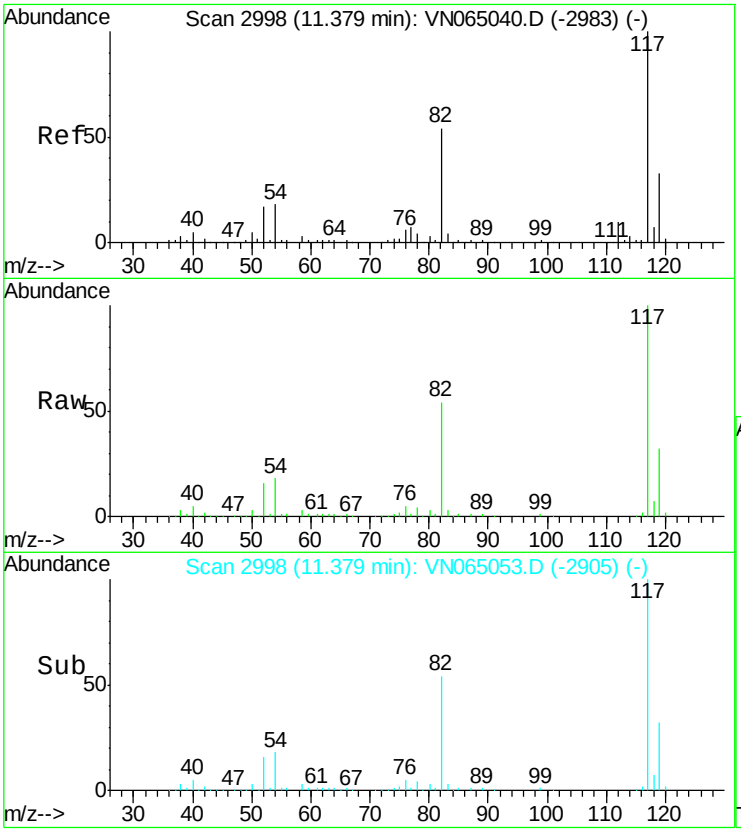


#62
4-Bromofluorobenzene
Concen: 55.590 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 95 Resp: 140113

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	164.8
176	79.0	0.0	158.8



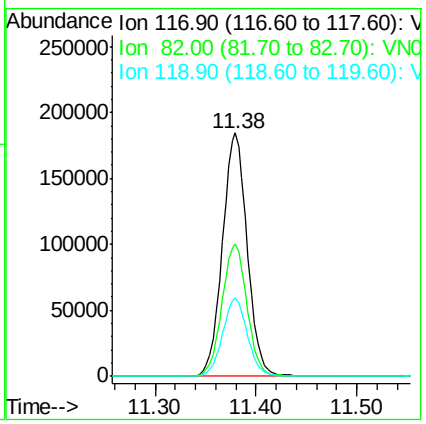


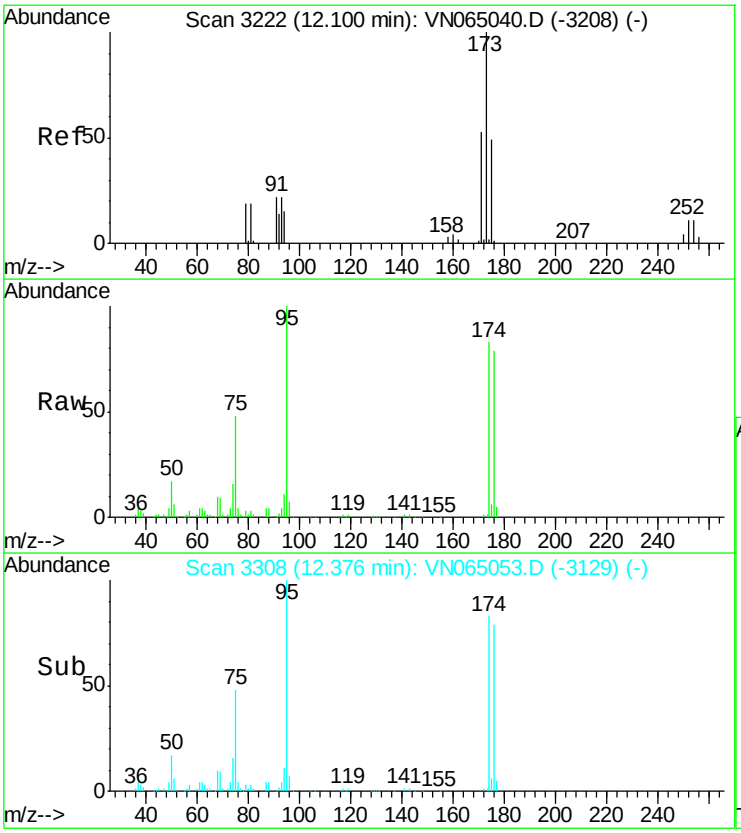
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#01

Tgt Ion:117 Resp: 316573

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.5	65.3
119	32.0	26.4	39.6

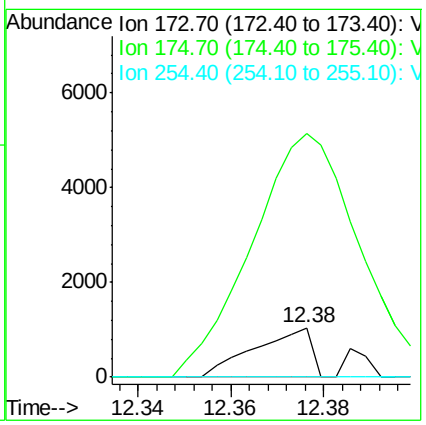


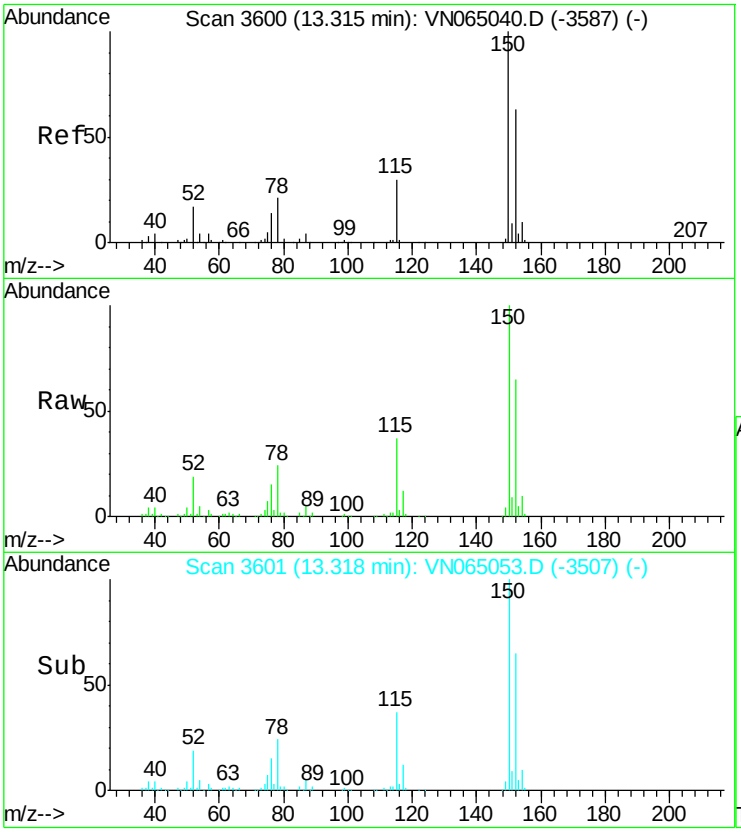


#71
Bromoform
Concen: 0.468 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion:173 Resp: 886

Ion	Ratio	Lower	Upper
173	100		
175	795.0	24.5	73.5#
254	0.0	0.0	0.0



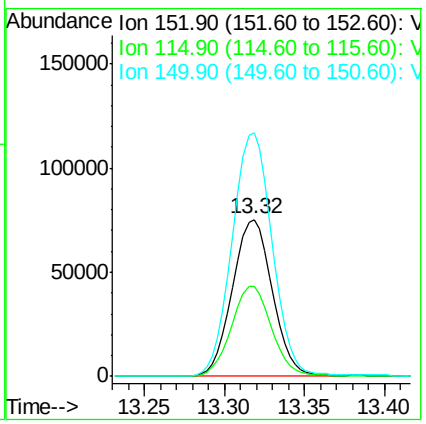


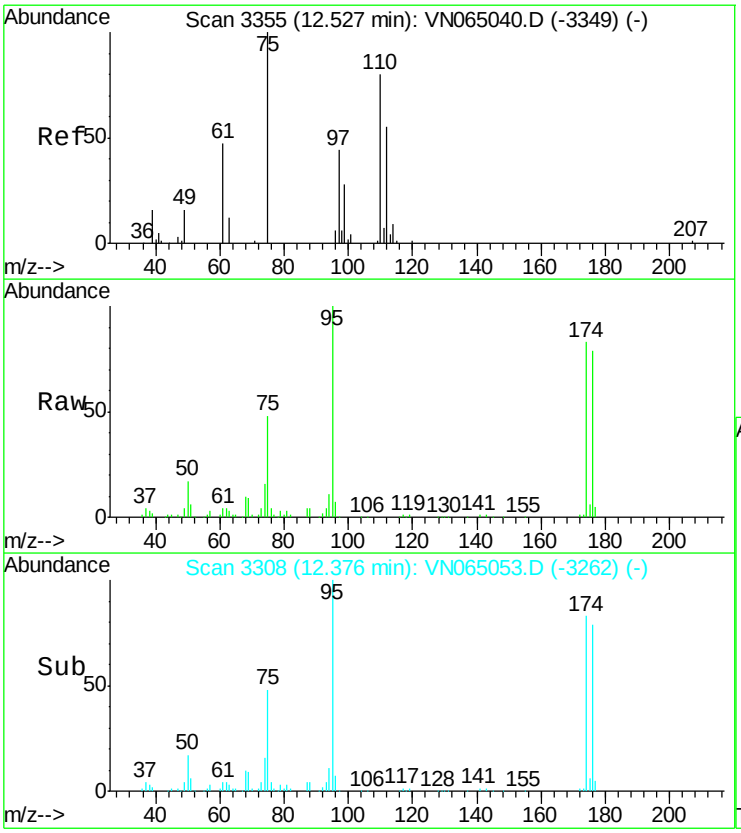
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#01

Tgt Ion:152 Resp: 128430

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	156.5	0.0	345.8

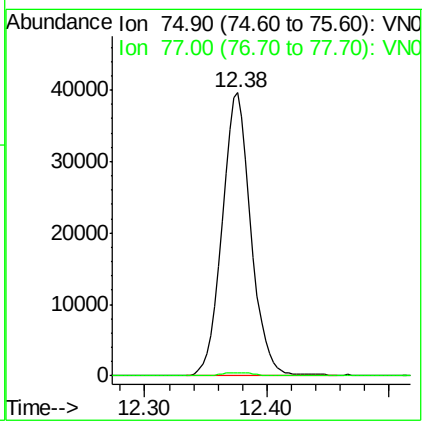


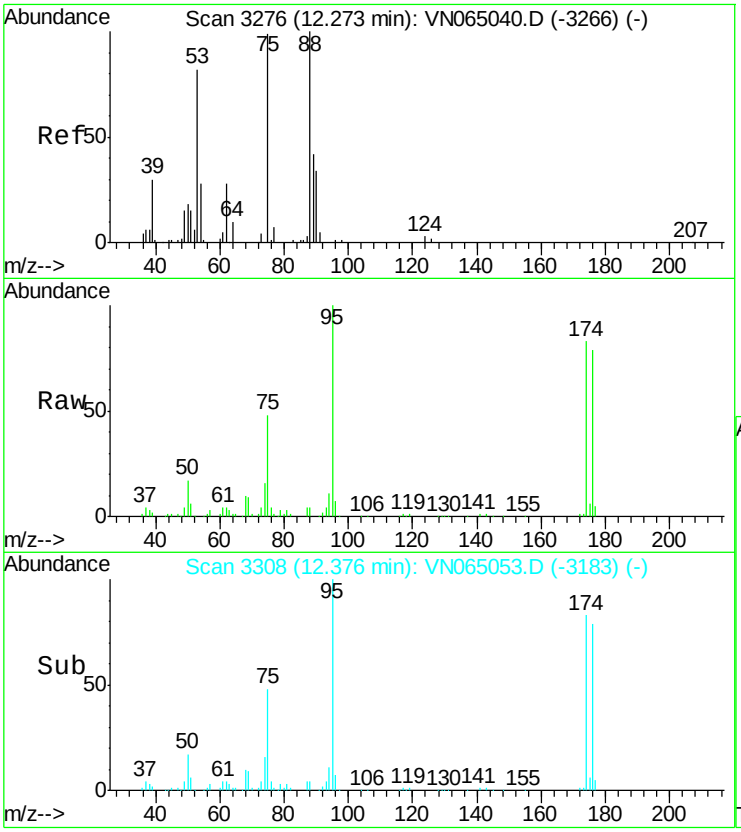


#76
1,2,3-Trichloropropane
Concen: 26.214 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion: 75 Resp: 65579

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



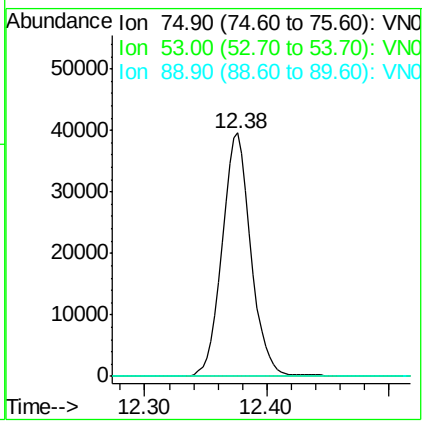


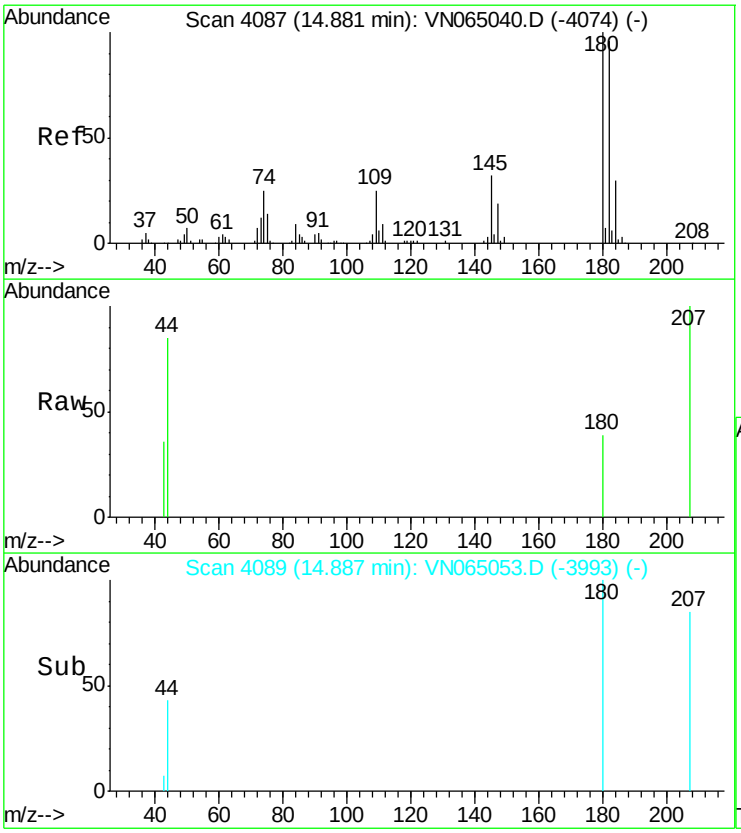
#81
trans-1,4-Dichloro-2-butene
Concen: 74.612 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion: 75 Resp: 65579

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.0	36.2	54.4#

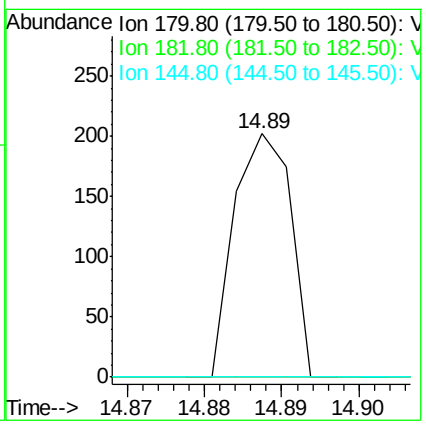


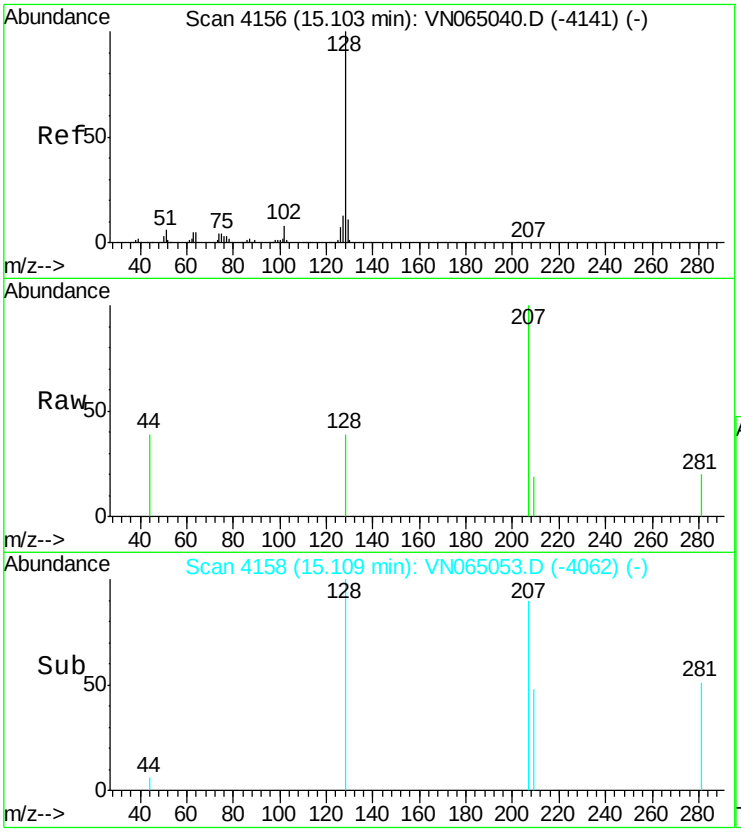


#93
1,2,4-Trichlorobenzene
Concen: 5.296 ug/l
RT: 14.89 min Scan# 4089
Delta R.T. 0.01 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion:180 Resp: 103

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.2#
145	0.0	15.4	46.4#



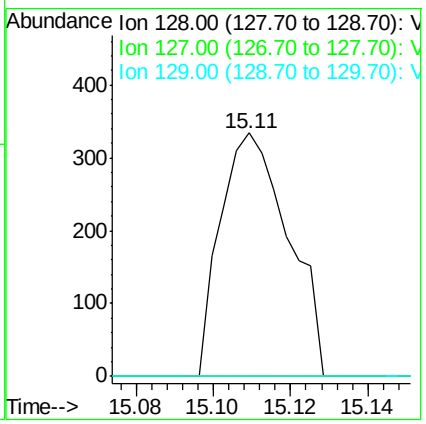


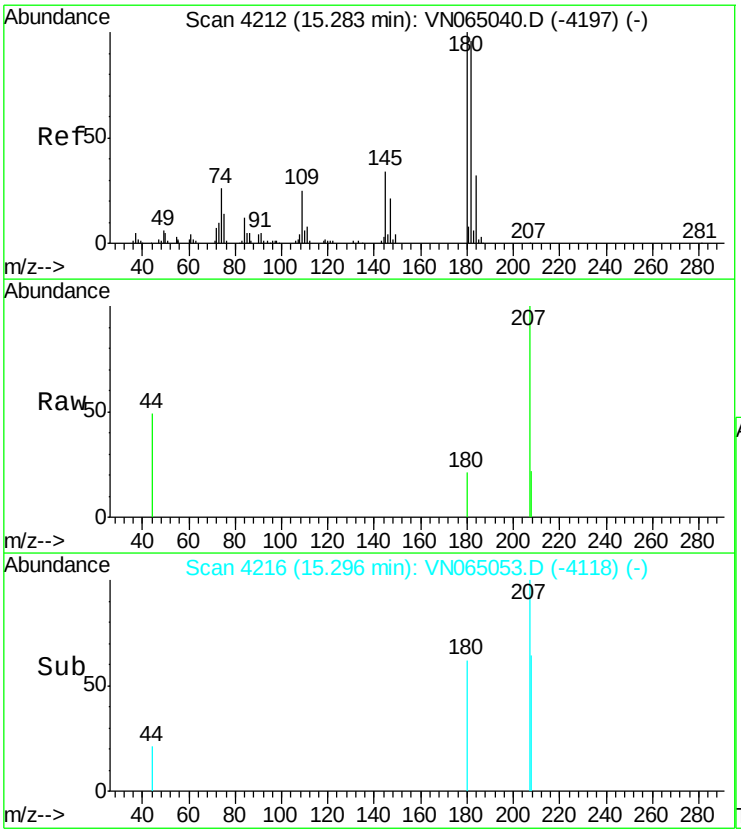
#95
Naphthalene
Concen: 6.263 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#01

Tgt Ion:128 Resp: 407

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 5.119 ug/l
RT: 15.30 min Scan# 4216
Delta R.T. 0.01 min
Lab File: VN065053.D
Acq: 10 Dec 2020 19:43

Tgt Ion:180 Resp: 31

Ion	Ratio	Lower	Upper
180	100		
182	309.7	48.3	144.9#
145	0.0	16.2	48.6#