Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065054.D
Acq On : 10 Dec 2020 20:07
Operator : JC/MD
Sample : PB133501ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#02

Quant Time: Dec 11 03:47:19 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	159159	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	291143	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	319846	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127247	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	104502	55.15	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.30%				
35) Dibromofluoromethane	7.55	113	95428	49.54	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.08%				
50) Toluene-d8	10.06	98	384913	52.09	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.18%				
62) 4-Bromofluorobenzene	12.38	95	140941	55.65	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.30%				
Target Compounds							Qvalue
16) Acetone	3.78	43	5934	8.829	ug/l		92
17) Carbon Disulfide	4.01	76	175	0.947	ug/l	#	75
18) Methyl Acetate	4.29	43	611	0.361	ug/l	#	50
20) Methylene Chloride	4.50	84	6596	3.852	ug/l		93
25) 2-Butanone	6.79	43	2410	2.600	ug/l	#	46
29) Tetrahydrofuran	7.16	42	350	0.602	ug/l	#	79
31) Cyclohexane	7.63	56	2717	2.597	ug/l	#	2
36) 1,1-Dichloropropene	7.62	75	11201	4.511	ug/l	#	49
37) Ethyl Acetate	6.79	43	2410	1.067	ug/l	#	67
38) Carbon Tetrachloride	7.63	117	15080	5.716	ug/l	#	16
41) Methacrylonitrile	7.17	41	334	0.285	ug/l	#	40
43) Isopropyl Acetate	8.13	43	14940	3.981	ug/l		97
45) 1,2-Dichloropropane	9.23	63	1115	0.536	ug/l	#	45
48) Methyl methacrylate	9.14	41	3856	2.164	ug/l	#	12
49) 1,4-Dioxane	9.24	88	29	0.901	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.95	43	3876	1.727	ug/l		97
54) cis-1,3-Dichloropropene	9.87	75	27320	8.302	ug/l	#	66
57) 1,3-Dichloropropane	10.74	76	16256	4.951	ug/l	#	42
59) 2-Hexanone	10.74	43	213901	132.322	ug/l	#	51
76) 1,2,3-Trichloropropane	12.38	75	67087	27.066	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	67087	77.037	ug/l	#	15
95) Naphthalene	15.12	128	196	6.235	ug/l	#	70

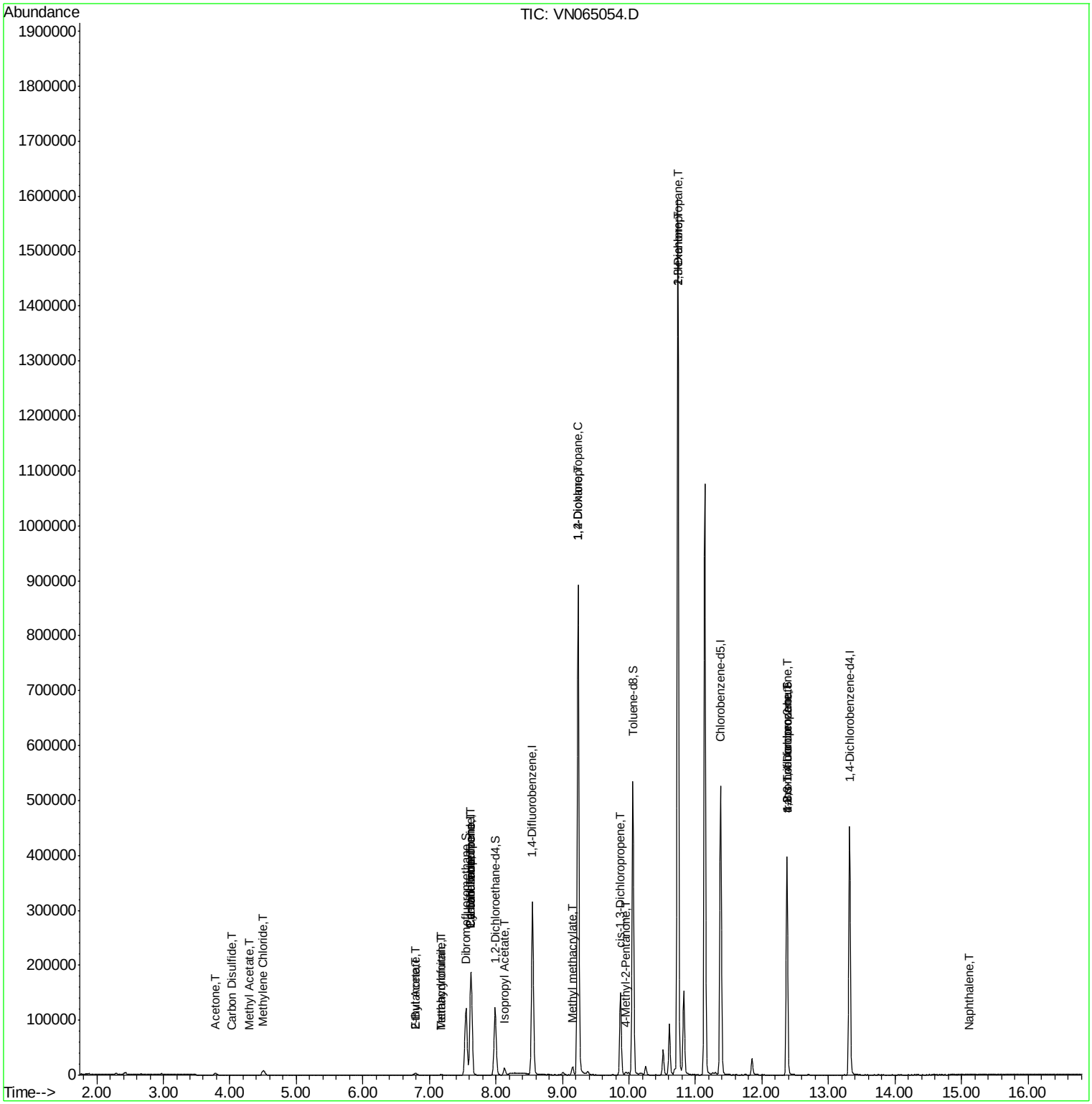
(#) = qualifier out of range (m) = manual integration (+) = signals summed

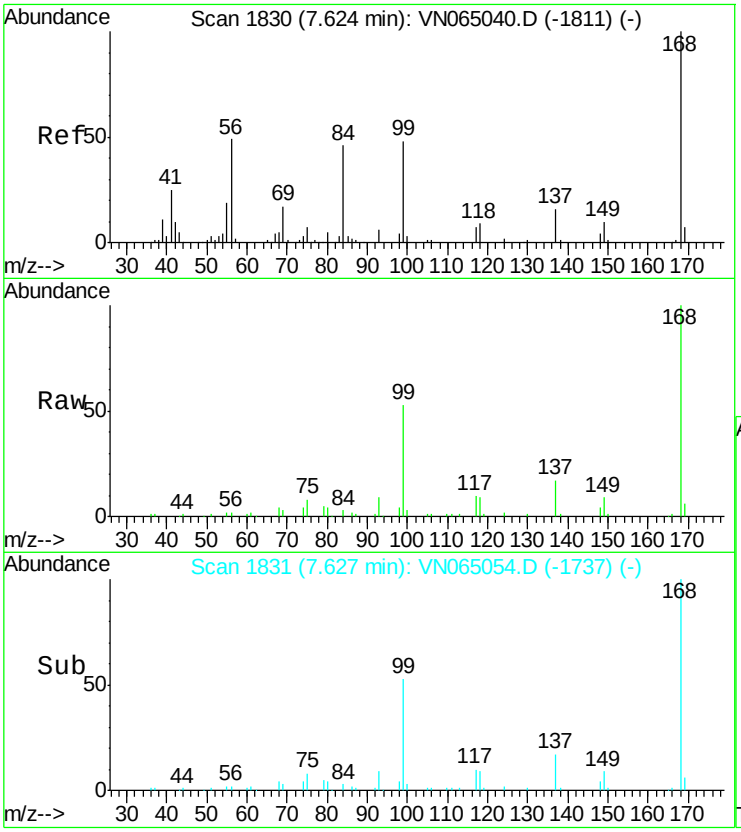
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065054.D
Acq On : 10 Dec 2020 20:07
Operator : JC/MD
Sample : PB133501ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Quant Time: Dec 11 03:47:19 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



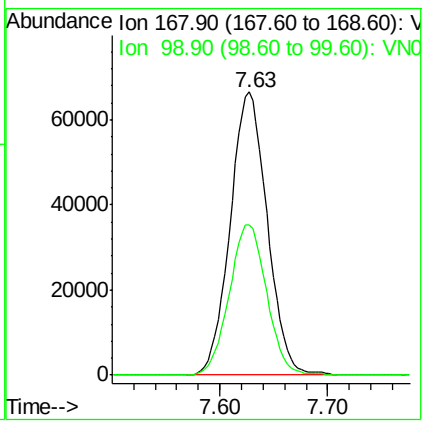


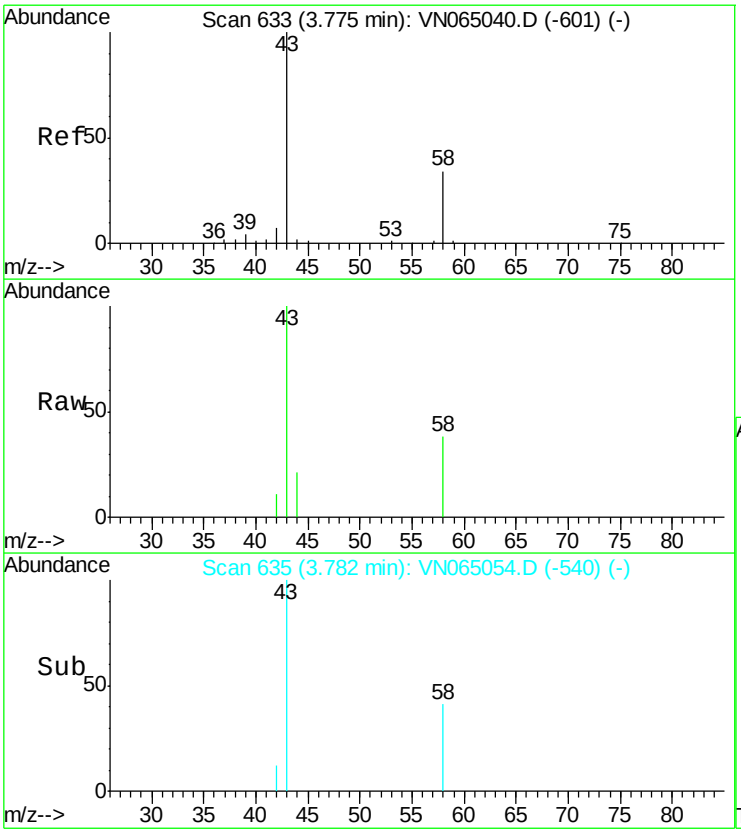
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion:168 Resp: 159159

Ion	Ratio	Lower	Upper
168	100		
99	52.9	44.0	66.0

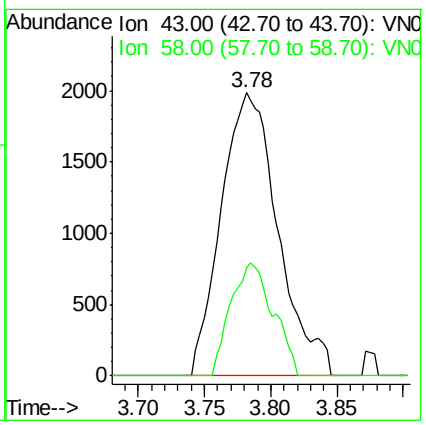


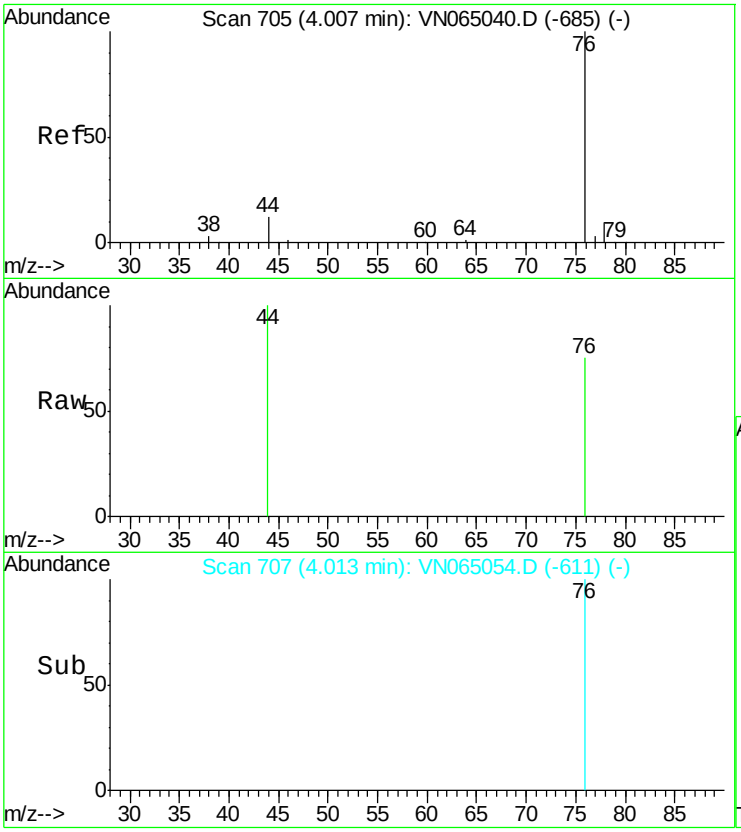


#16
Acetone
Concen: 8.829 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 43 Resp: 5934

Ion	Ratio	Lower	Upper
43	100		
58	38.0	26.8	40.2



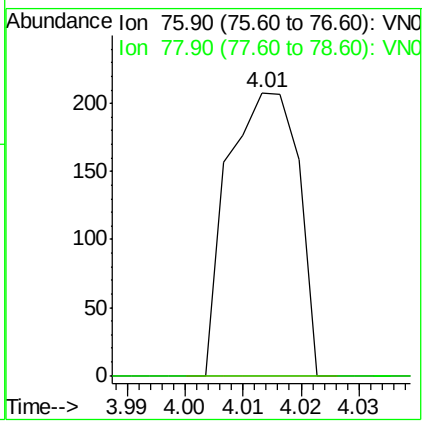


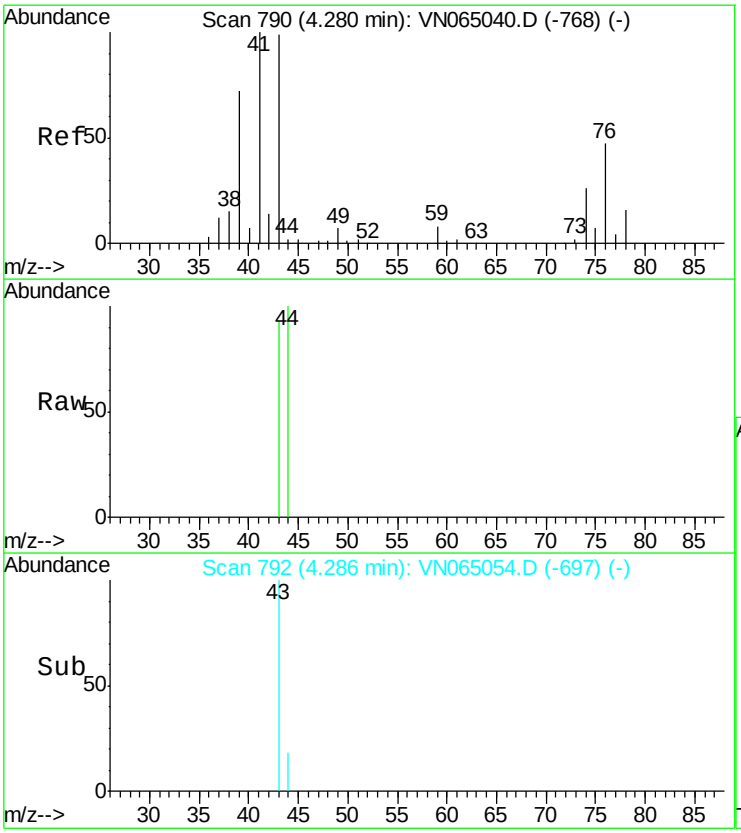
#17
Carbon Disulfide
Concen: 0.947 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.01 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 76 Resp: 175

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

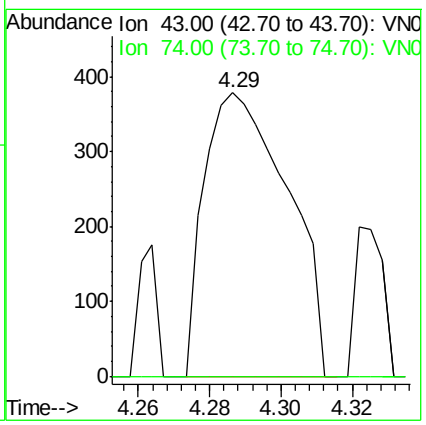


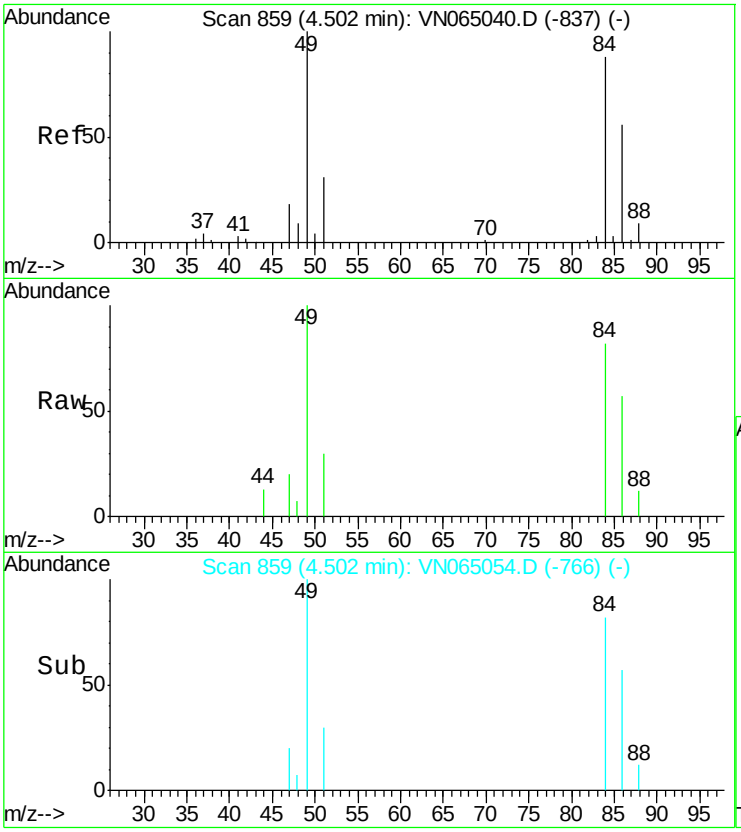


#18
Methyl Acetate
Concen: 0.361 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 43 Resp: 611

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.1	30.1#



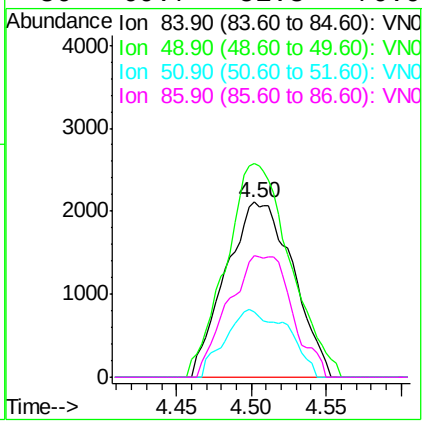


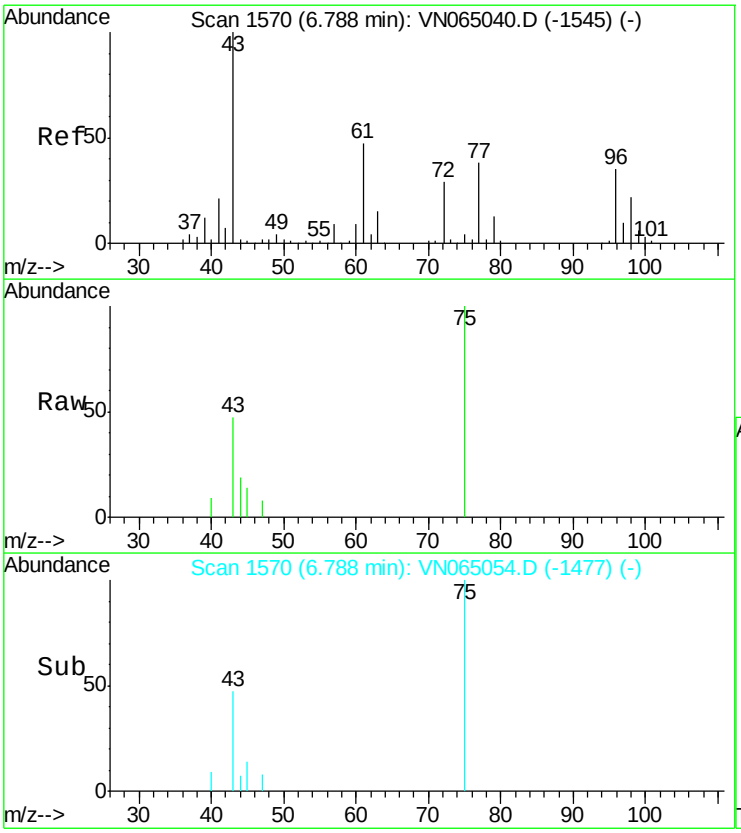
#20
Methylene Chloride
Concen: 3.852 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#02

Tgt Ion: 84 Resp: 6596

Ion	Ratio	Lower	Upper
84	100		
49	121.9	90.8	136.2
51	37.1	28.1	42.1
86	69.7	51.3	76.9

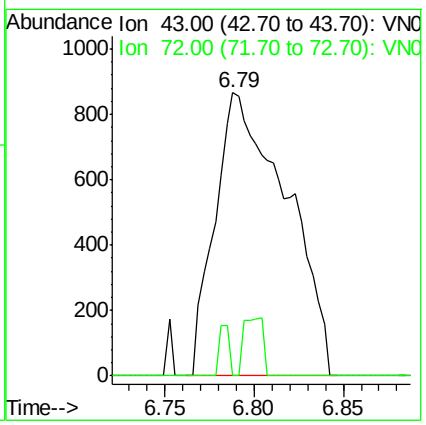


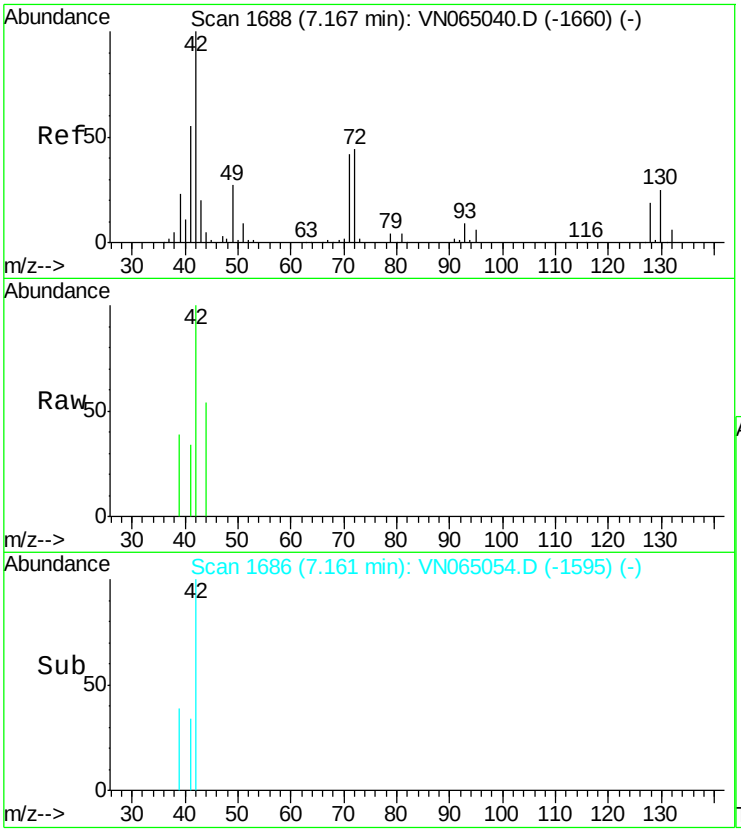


#25
2-Butanone
Concen: 2.600 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 43 Resp: 2410

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.9	34.3#



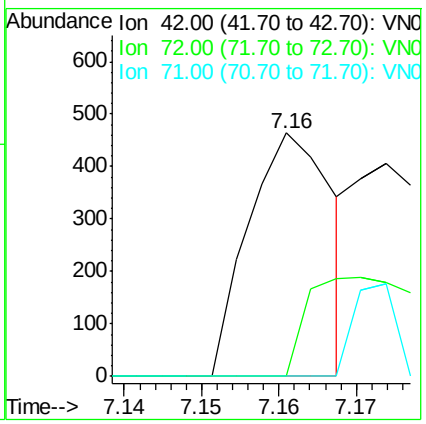


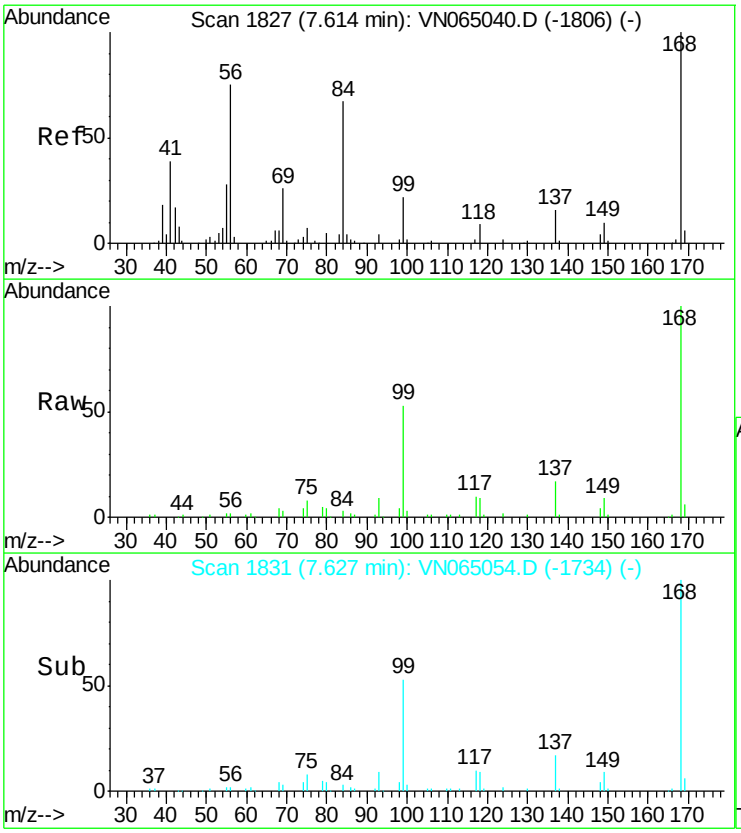
#29
Tetrahydrofuran
Concen: 0.602 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 42 Resp: 350

Ion	Ratio	Lower	Upper
42	100		
72	48.6	35.8	53.6
71	18.9	33.5	50.3#

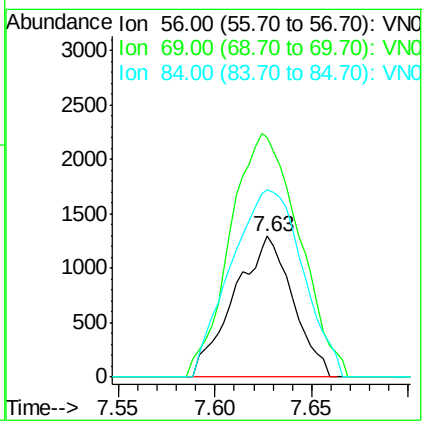


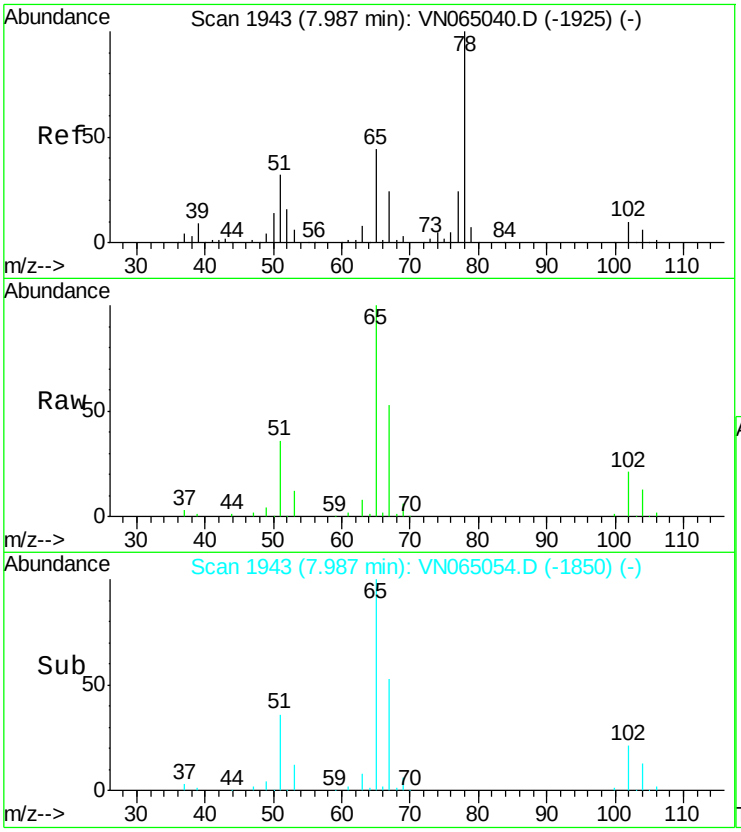


#31
Cyclohexane
Concen: 2.597 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 56 Resp: 2717

Ion	Ratio	Lower	Upper
56	100		
69	170.4	27.5	41.3#
84	133.1	72.4	108.6#



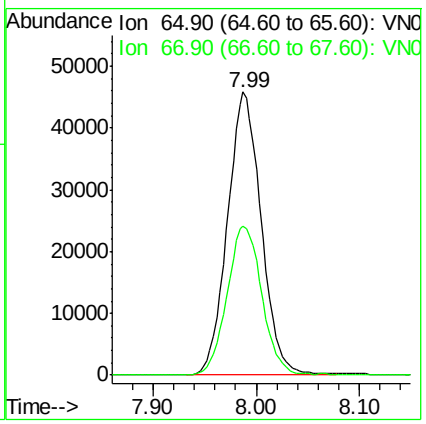


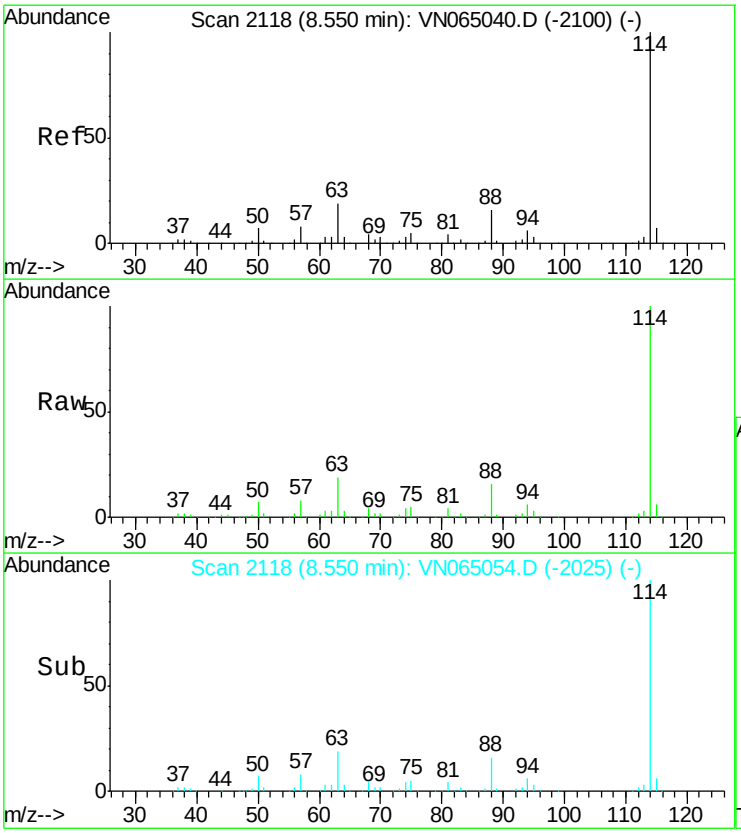
#33
1,2-Dichloroethane-d4
Concen: 55.148 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 65 Resp: 104502

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.4

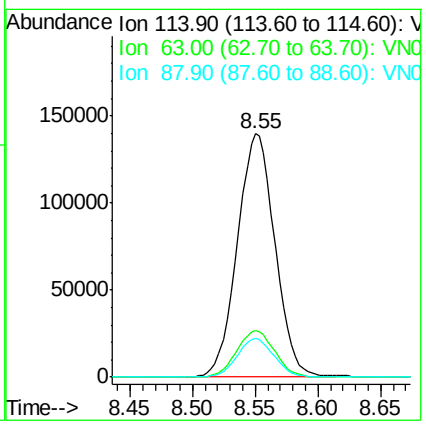


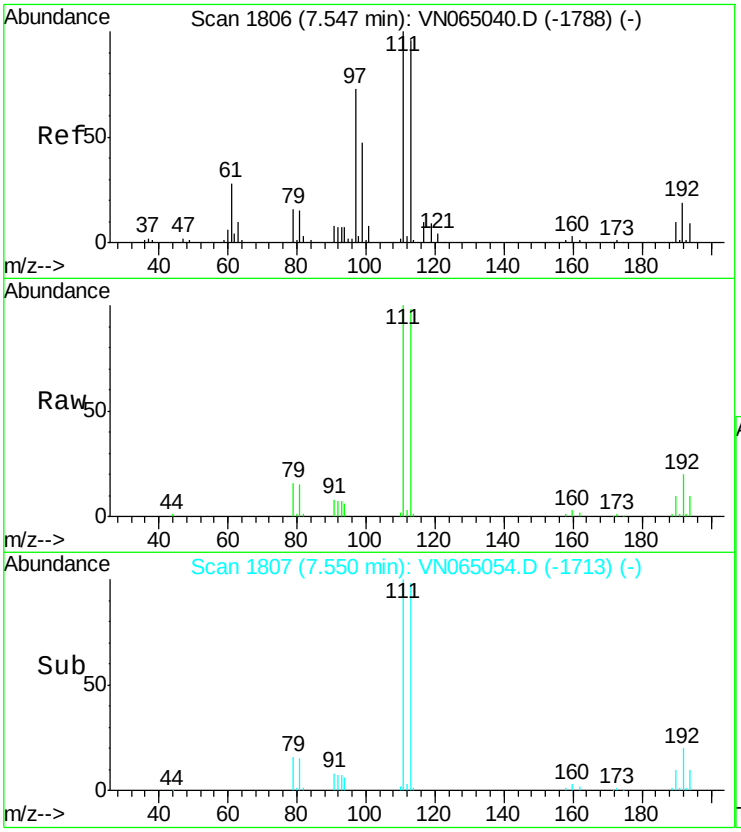


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion:114 Resp: 291143

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.2
88	15.9	0.0	31.6



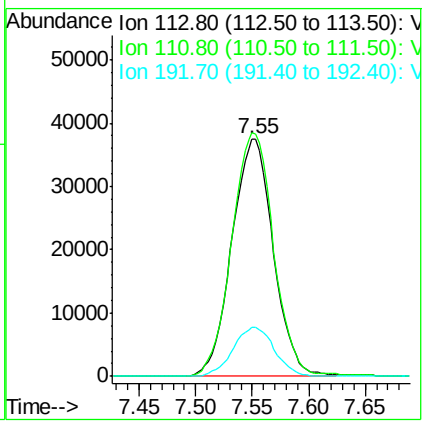


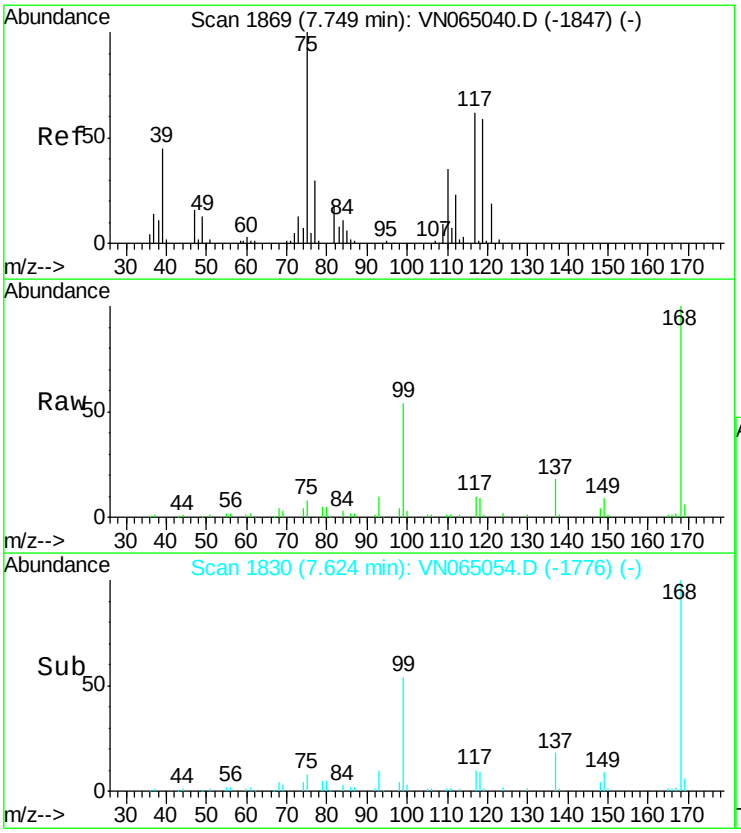
#35
Dibromofluoromethane
Concen: 49.544 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion:113 Resp: 95428

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	20.6	16.2	24.2

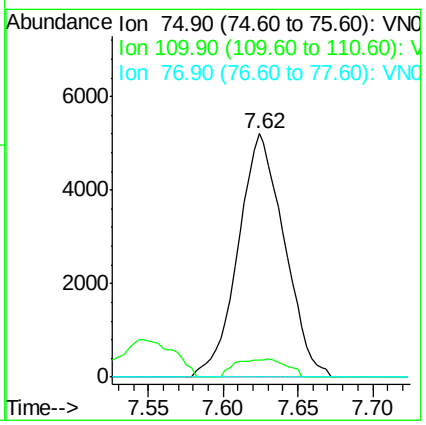


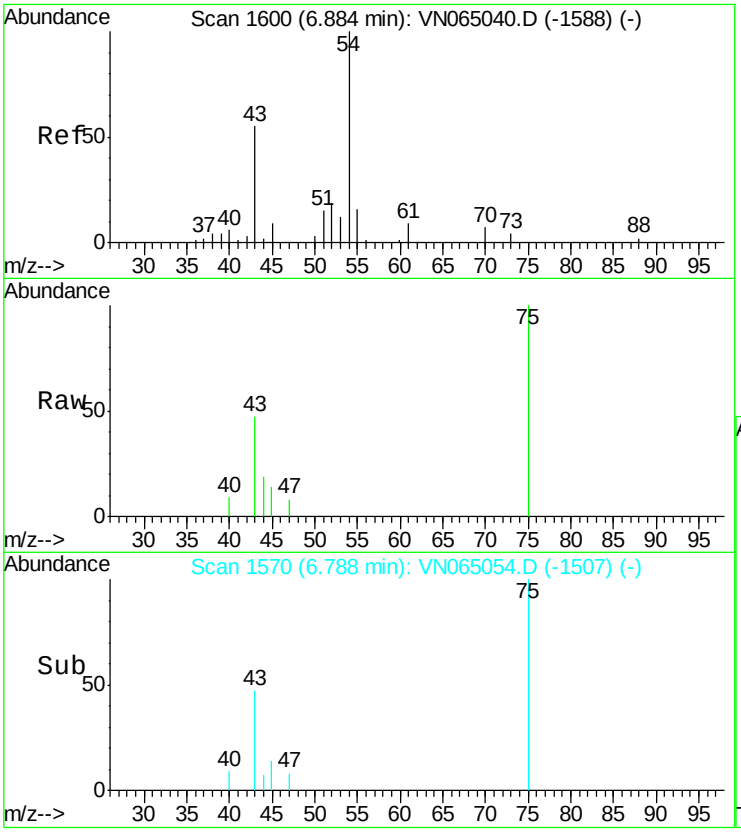


#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 75 Resp: 11201

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.1#
77	0.0	24.5	36.7#



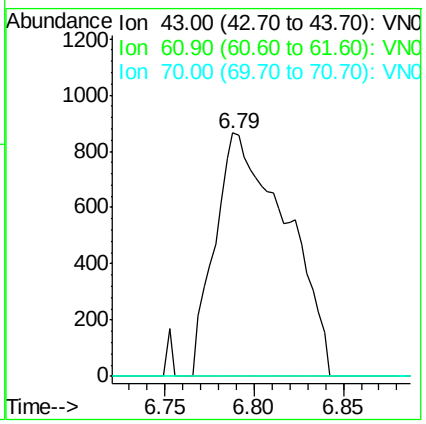


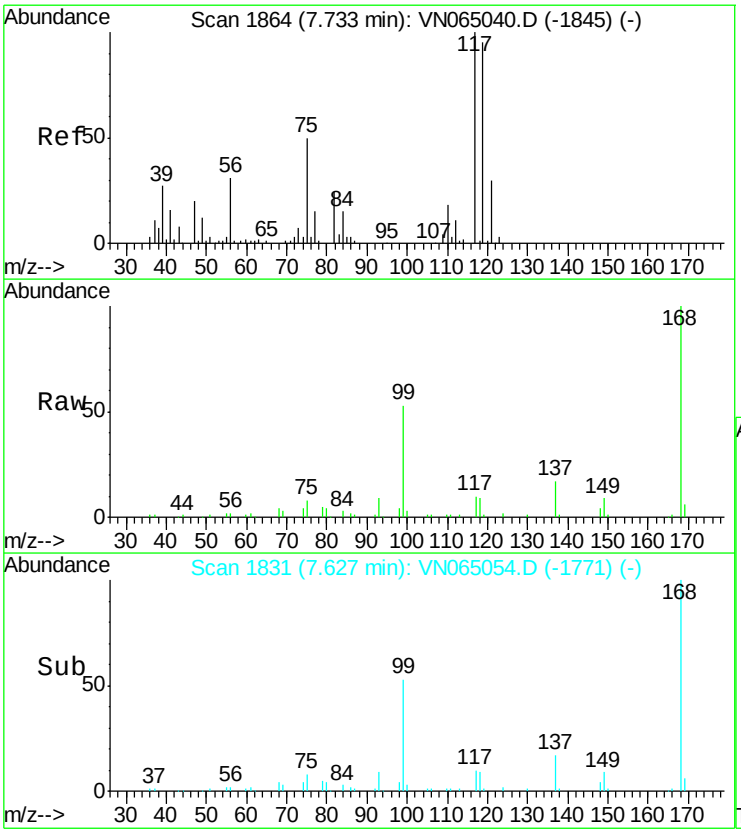
#37
Ethyl Acetate
Concen: 1.067 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.10 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 43 Resp: 2410

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	0.0	9.2	13.8#

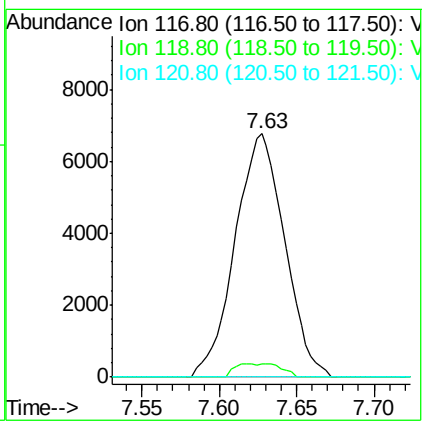


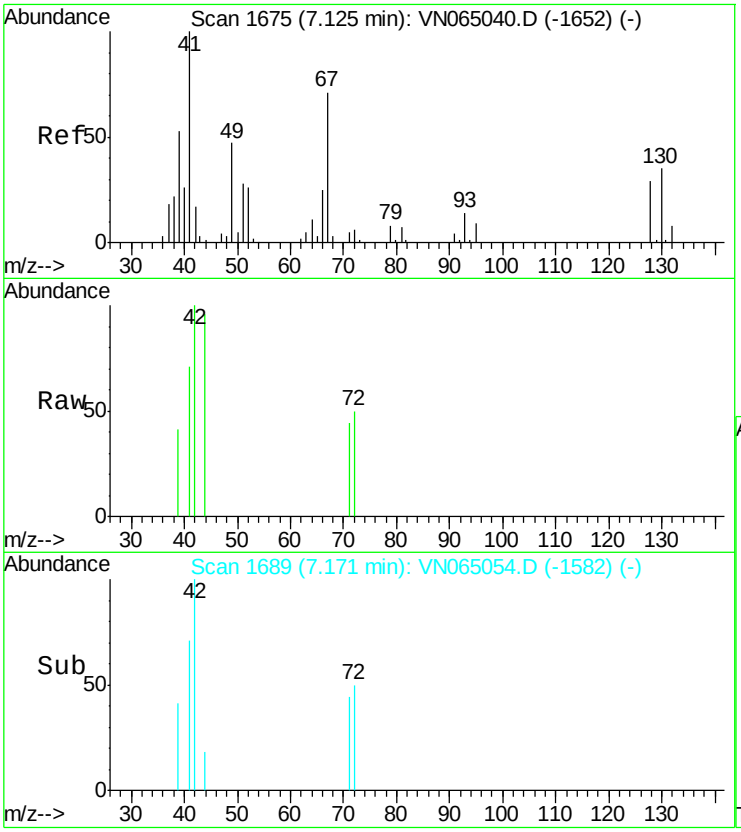


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion:117 Resp: 15080

Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.9	113.9#
121	0.0	24.1	36.1#



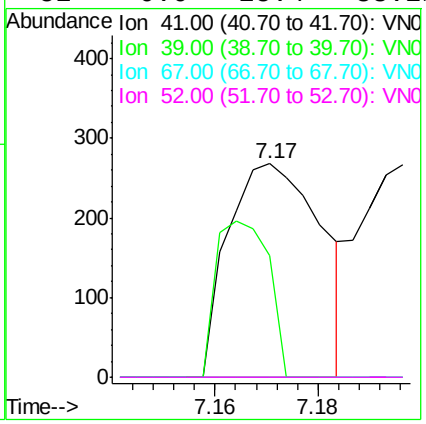


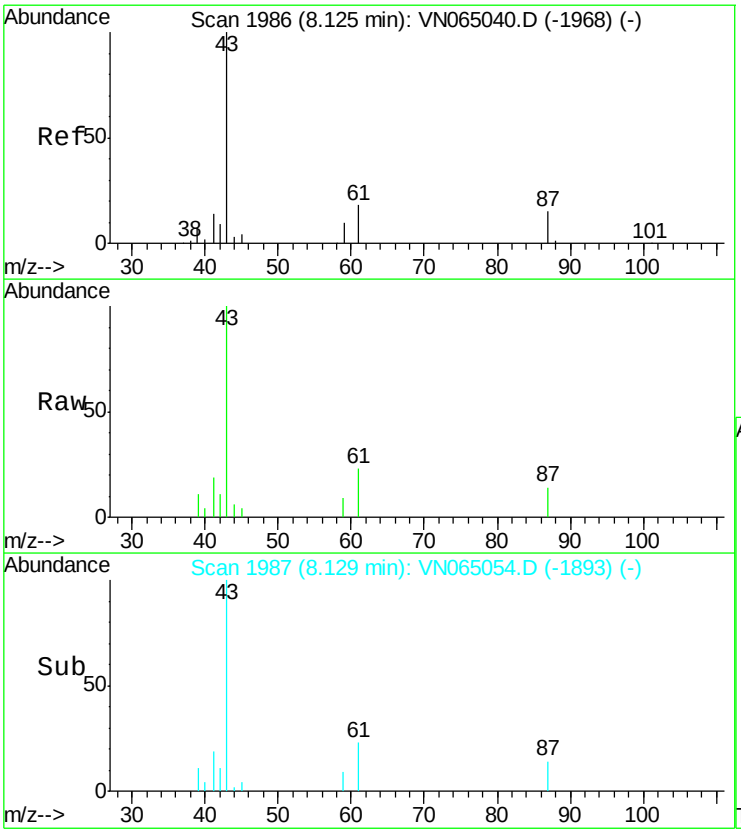
#41
Methacrylonitrile
Concen: 0.285 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.05 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#02

Tgt Ion: 41 Resp: 334

Ion	Ratio	Lower	Upper
41	100		
39	41.6	36.0	54.0
67	0.0	64.8	97.2#
52	0.0	25.4	38.2#

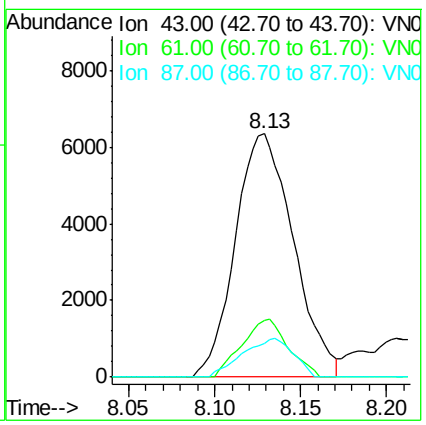


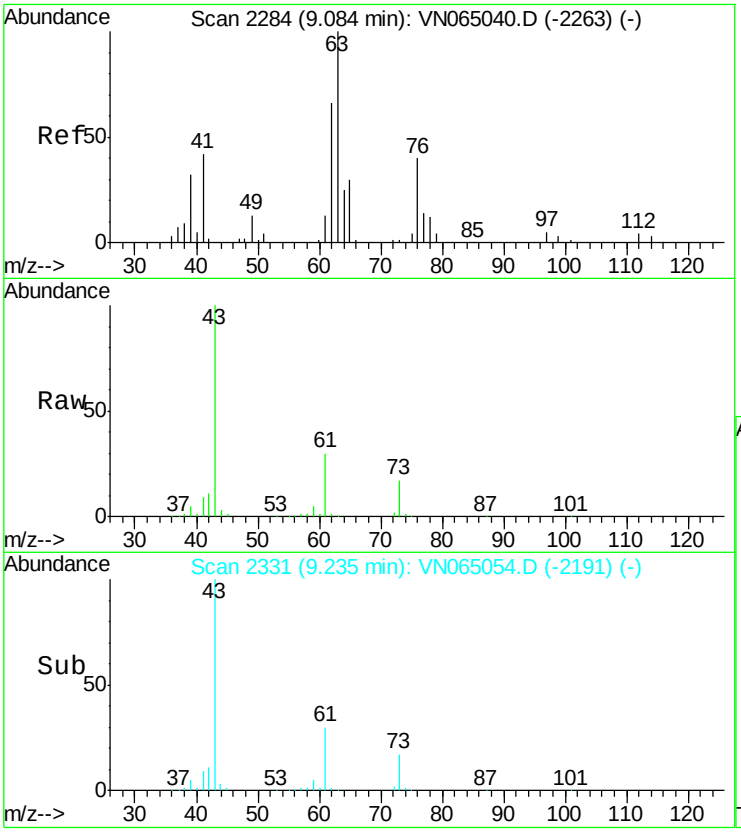


#43
Isopropyl Acetate
Concen: 3.981 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 43 Resp: 14940

Ion	Ratio	Lower	Upper
43	100		
61	18.9	16.9	25.3
87	13.8	11.4	17.2



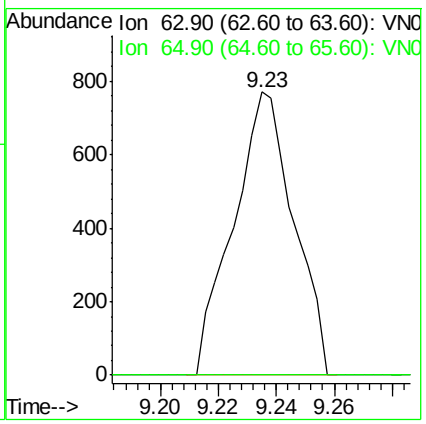


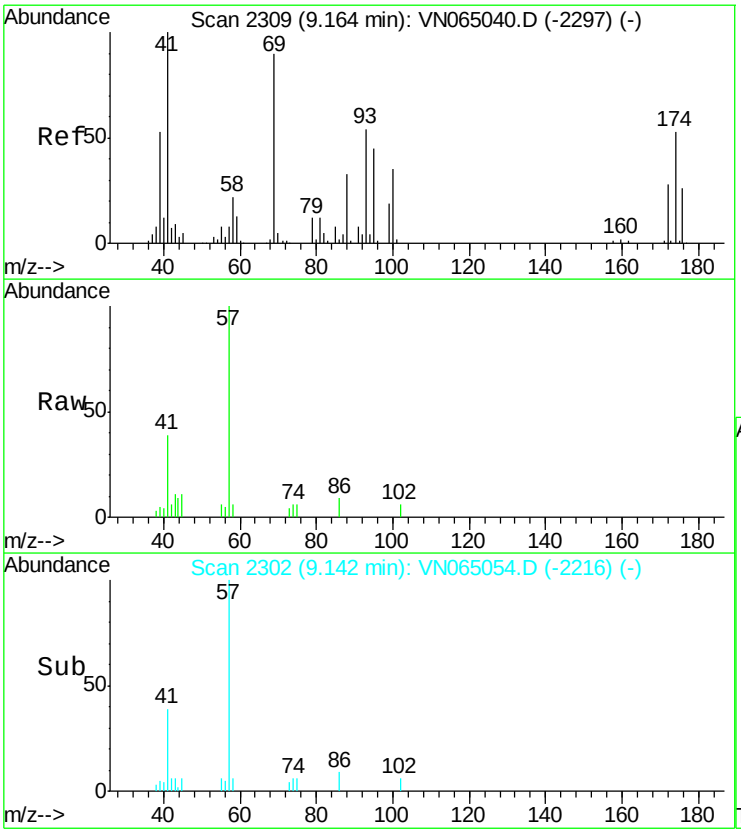
#45
1,2-Dichloropropane
Concen: 0.536 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 63 Resp: 1115

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.0	36.0#

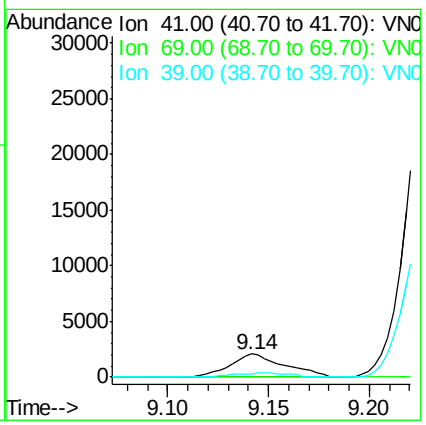


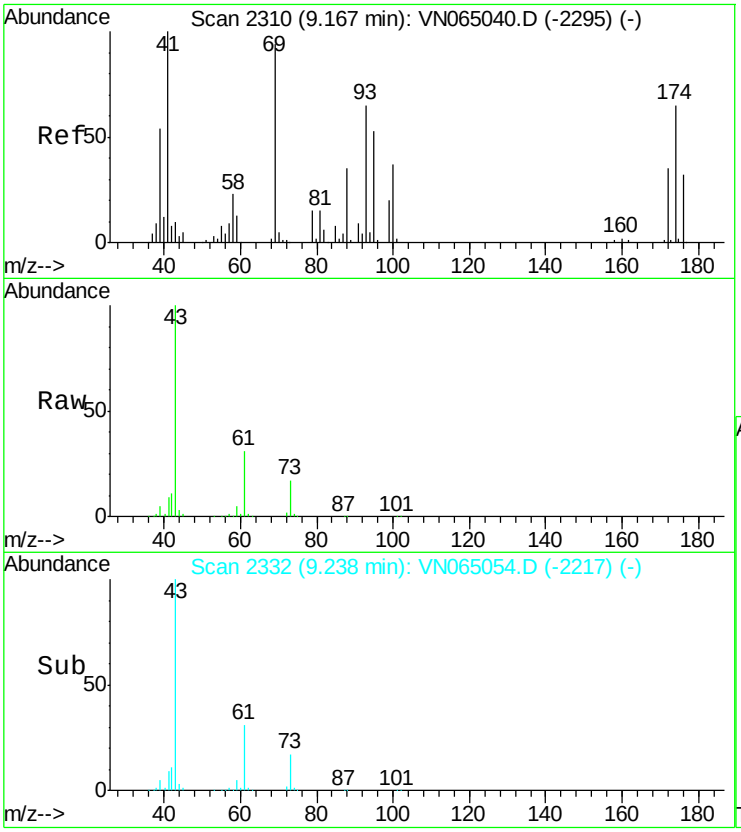


#48
Methyl methacrylate
Concen: 2.164 ug/l
RT: 9.14 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 41 Resp: 3856

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



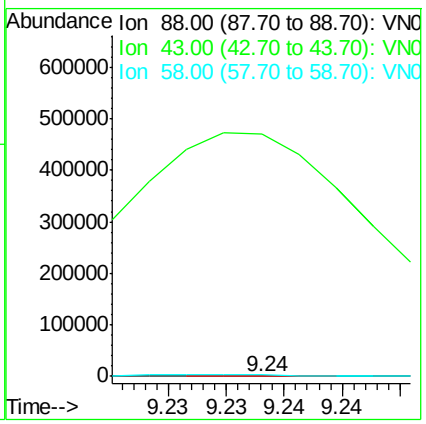


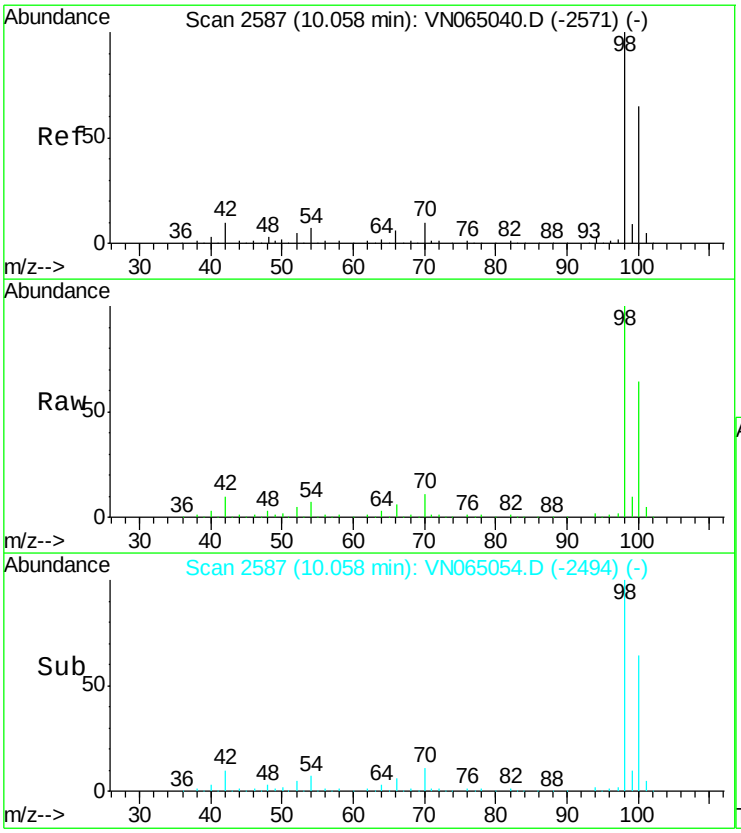
#49
1,4-Dioxane
Concen: 0.901 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	2963713.8	21.1	31.7#
58	17265.5	53.8	80.8#

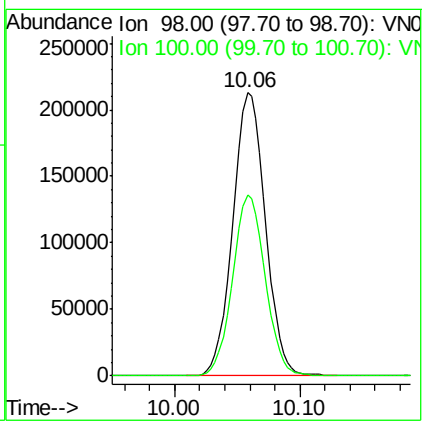


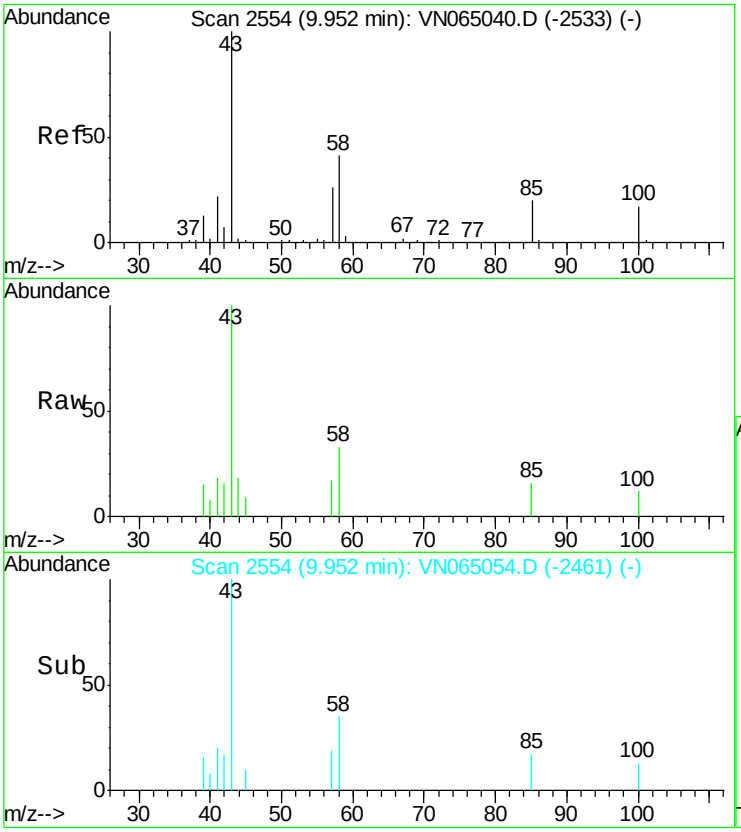


#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 98 Resp: 384913

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



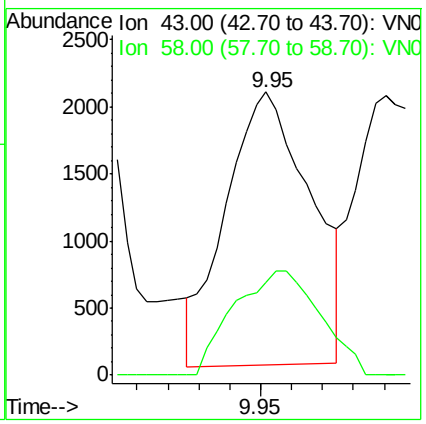


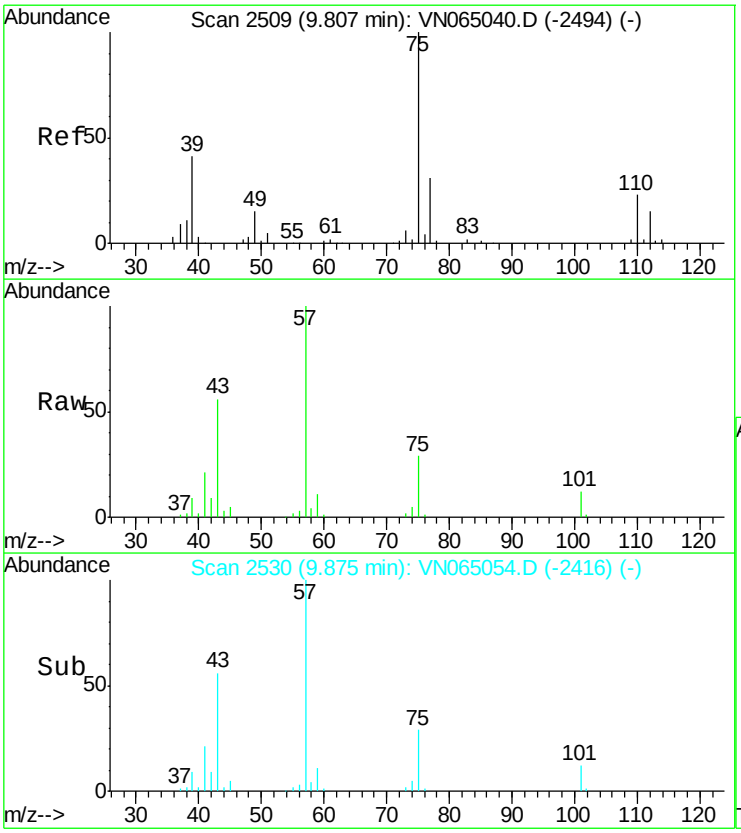
#51
4-Methyl-2-Pentanone
Concen: 1.727 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 43 Resp: 3876

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.4	48.6

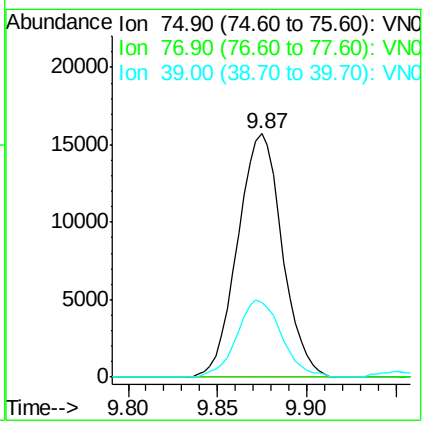


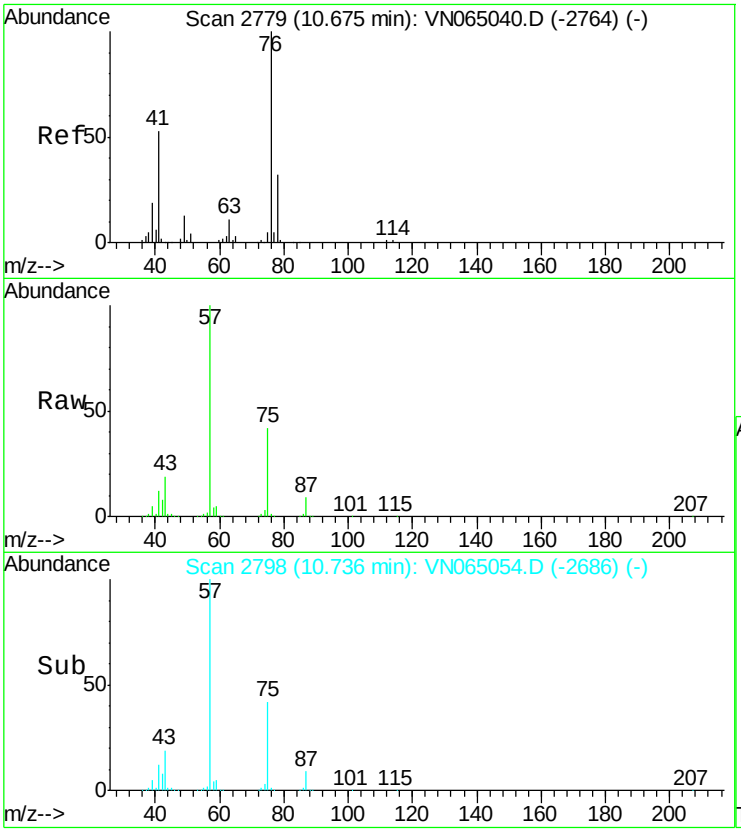


#54
cis-1,3-Dichloropropene
Concen: 8.302 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 75 Resp: 27320

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	30.7	33.0	49.4#



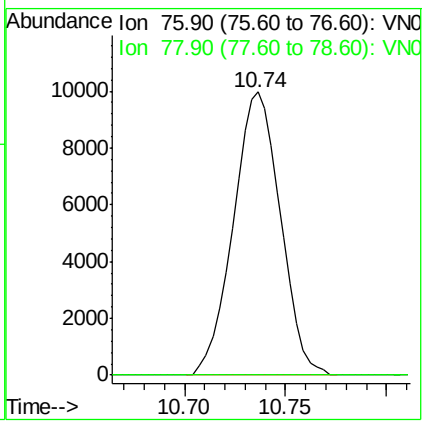


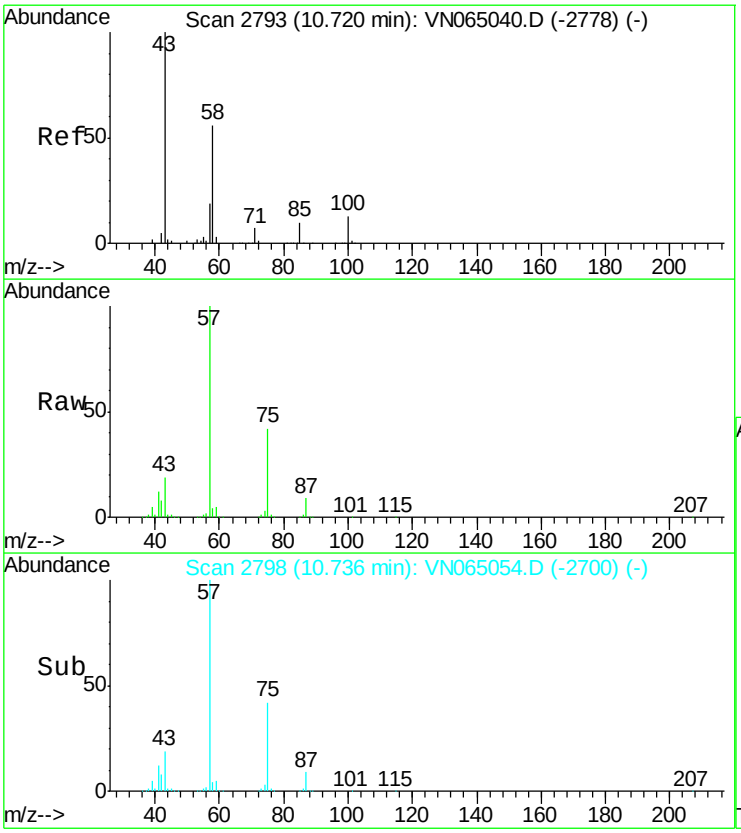
#57
1,3-Dichloropropane
Concen: 4.951 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 76 Resp: 16256

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.5	39.7#

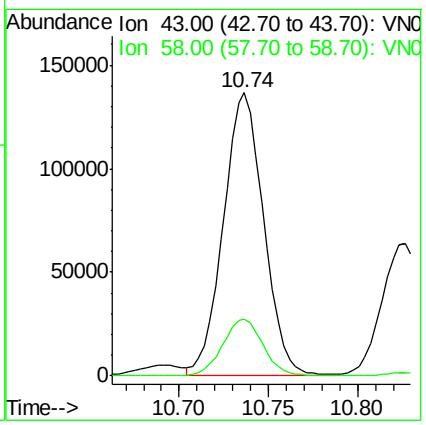


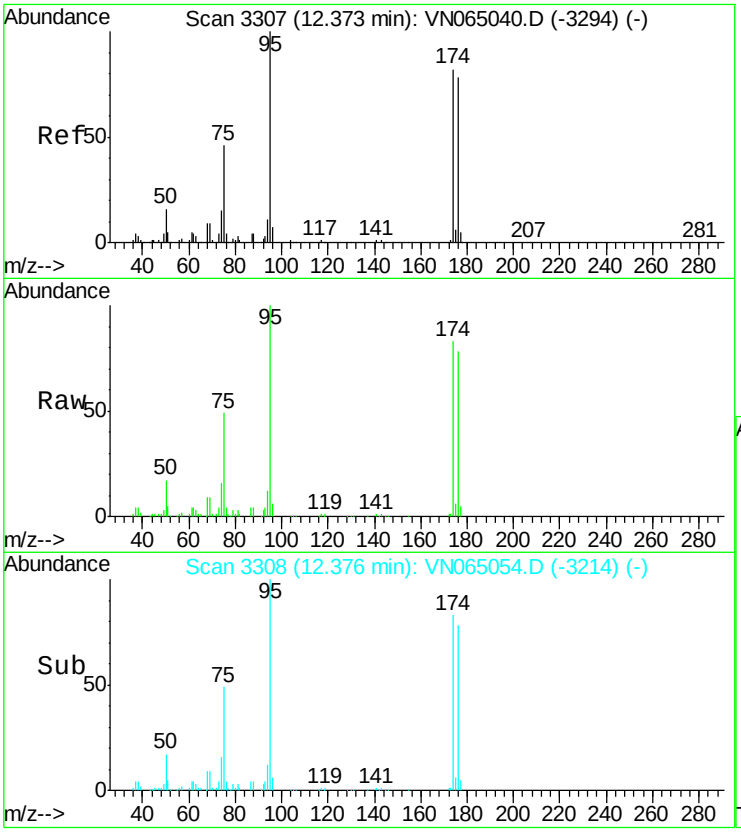


#59
2-Hexanone
Concen: 132.322 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 43 Resp: 213901

Ion	Ratio	Lower	Upper
43	100		
58	20.3	28.3	84.9#



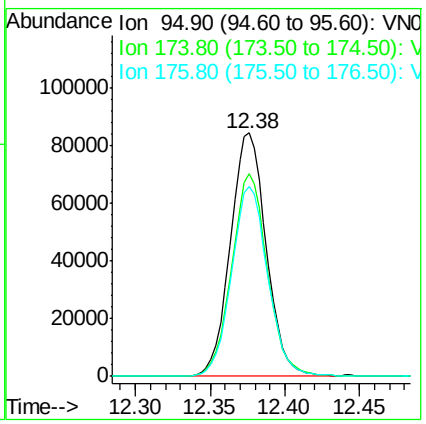


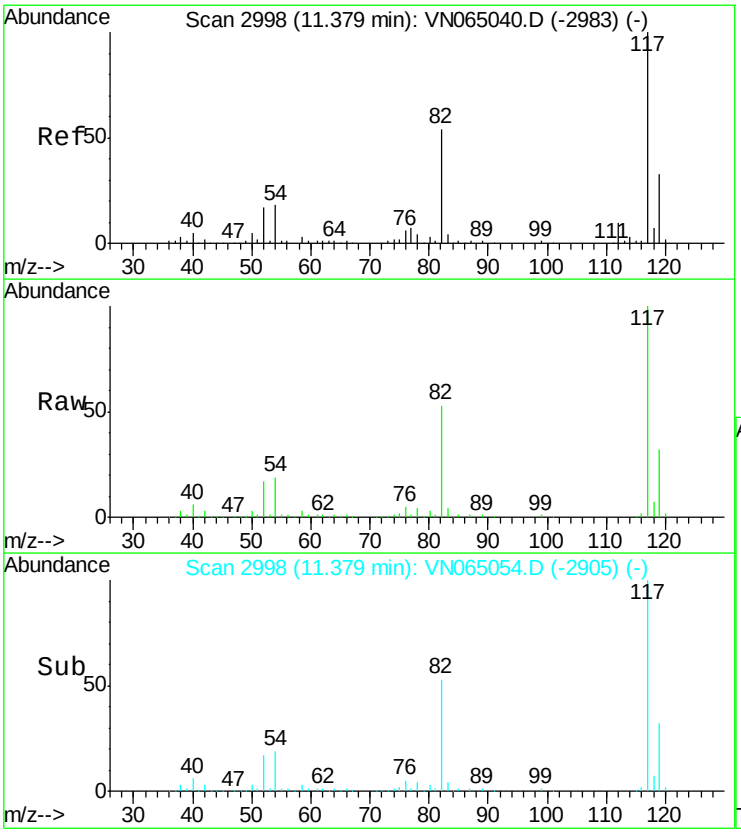
#62
4-Bromofluorobenzene
Concen: 55.648 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 95 Resp: 140941

Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	164.8
176	78.7	0.0	158.8

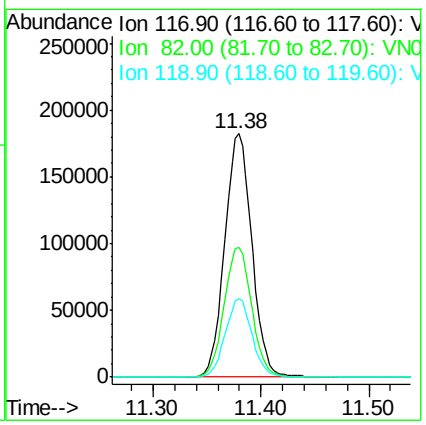


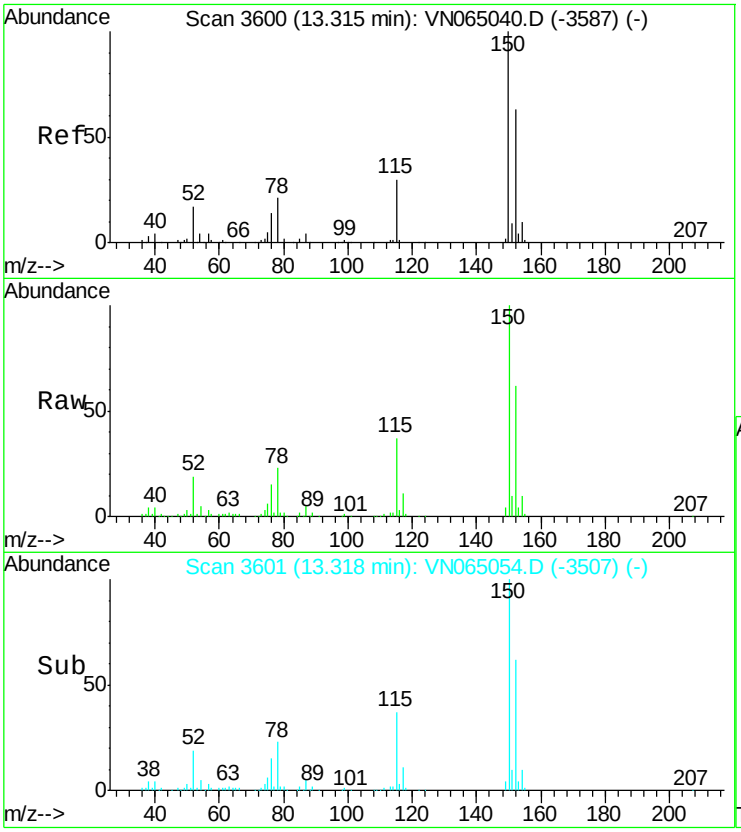


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion:117 Resp: 319846

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.5	65.3
119	32.4	26.4	39.6



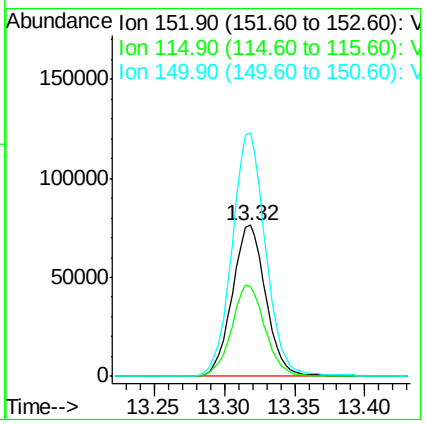


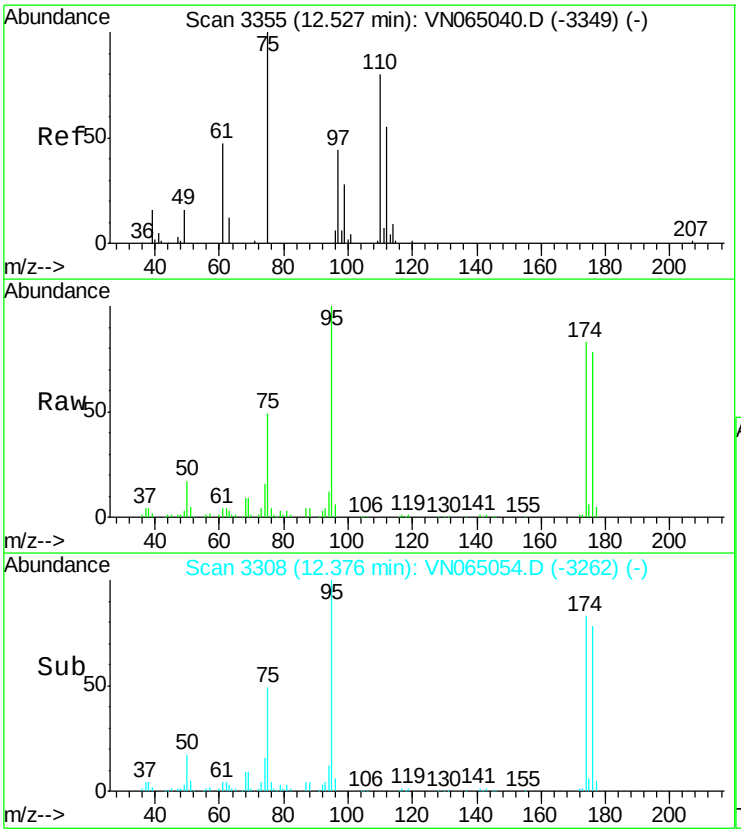
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#02

Tgt Ion:152 Resp: 127247

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.3	88.0
150	161.6	0.0	345.8

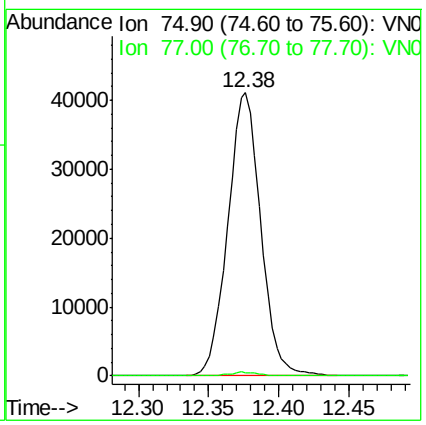


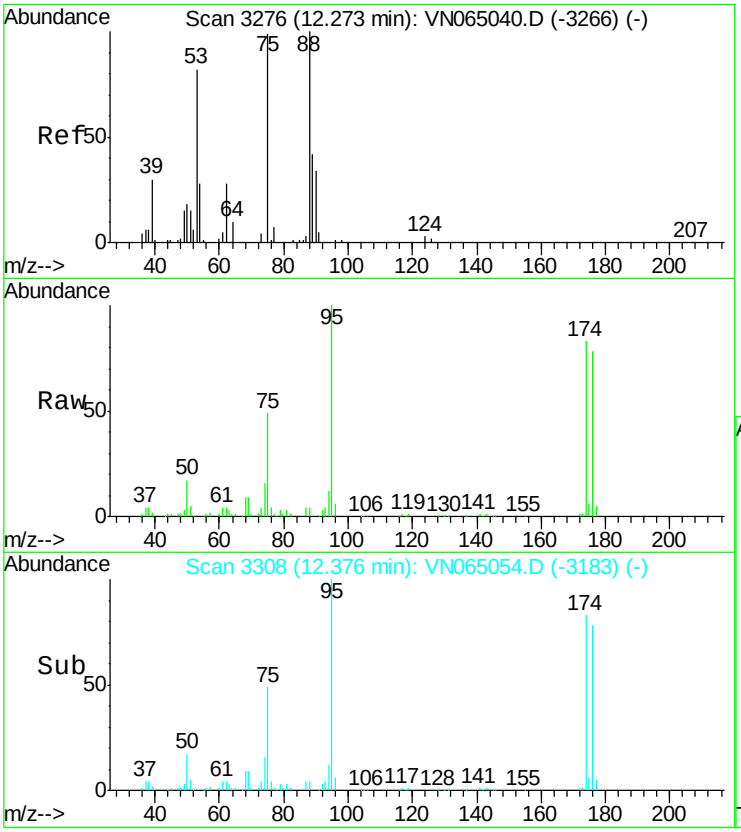


#76
1,2,3-Trichloropropane
Concen: 27.066 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 75 Resp: 67087

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



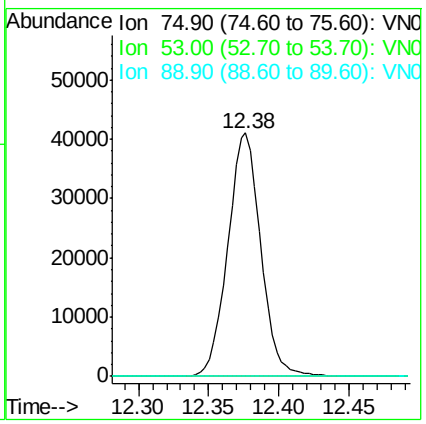


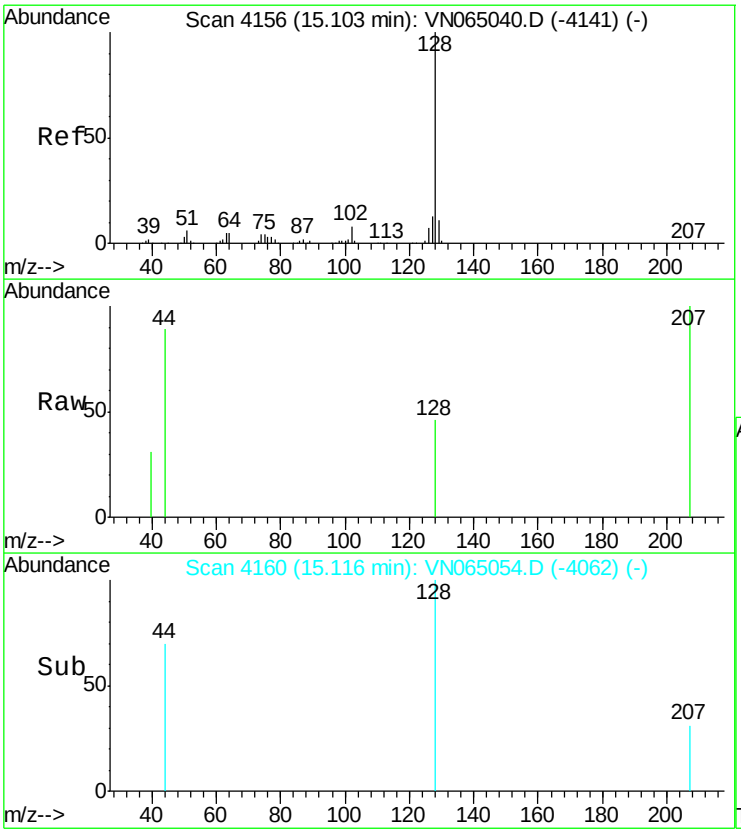
#81
trans-1,4-Dichloro-2-butene
Concen: 77.037 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

Tgt Ion: 75 Resp: 67087

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





#95
Naphthalene
Concen: 6.235 ug/l
RT: 15.12 min Scan# 4160
Delta R.T. 0.01 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion:128 Resp: 196

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