Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065067.D
Acq On : 11 Dec 2020 4:13
Operator : JC/MD
Sample : PB133501ZHE#15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#15

Quant Time: Dec 11 04:47:34 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	152348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102885	56.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.44%			
35) Dibromofluoromethane	7.55	113	95017	48.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.58%			
50) Toluene-d8	10.06	98	374638	50.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.28%			
62) 4-Bromofluorobenzene	12.38	95	137535	53.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.40%			

Target Compounds						Qvalue
3) Chloromethane	2.04	50	61	Below Cal	#	42
14) Allyl chloride	4.48	41	448	0.210	ug/l #	27
16) Acetone	3.78	43	16537	25.705	ug/l	94
18) Methyl Acetate	4.29	43	985	0.608	ug/l #	50
20) Methylene Chloride	4.51	84	57150	34.870	ug/l	96
25) 2-Butanone	6.79	43	972	1.096	ug/l	93
29) Tetrahydrofuran	7.18	42	210	0.377	ug/l #	33
31) Cyclohexane	7.62	56	2599	2.596	ug/l #	4
36) 1,1-Dichloropropene	7.62	75	11027	4.392	ug/l #	48
37) Ethyl Acetate	6.82	43	576	0.252	ug/l #	67
38) Carbon Tetrachloride	7.63	117	14502	5.436	ug/l #	16
43) Isopropyl Acetate	8.13	43	16103	4.243	ug/l #	80
45) 1,2-Dichloropropane	9.24	63	971	0.462	ug/l #	45
48) Methyl methacrylate	9.14	41	3572	1.983	ug/l #	12
51) 4-Methyl-2-Pentanone	9.95	43	3581	1.578	ug/l	99
54) cis-1,3-Dichloropropene	9.87	75	24695	7.421	ug/l #	67
57) 1,3-Dichloropropane	10.73	76	16132	4.859	ug/l #	42
59) 2-Hexanone	10.74	43	204617	125.179	ug/l #	50
71) Bromoform	12.38	173	1095	0.581	ug/l #	1
74) N-amyl acetate	11.85	43	9068	3.018	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	64570	26.424	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3298	0.470	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	64570	75.209	ug/l #	15

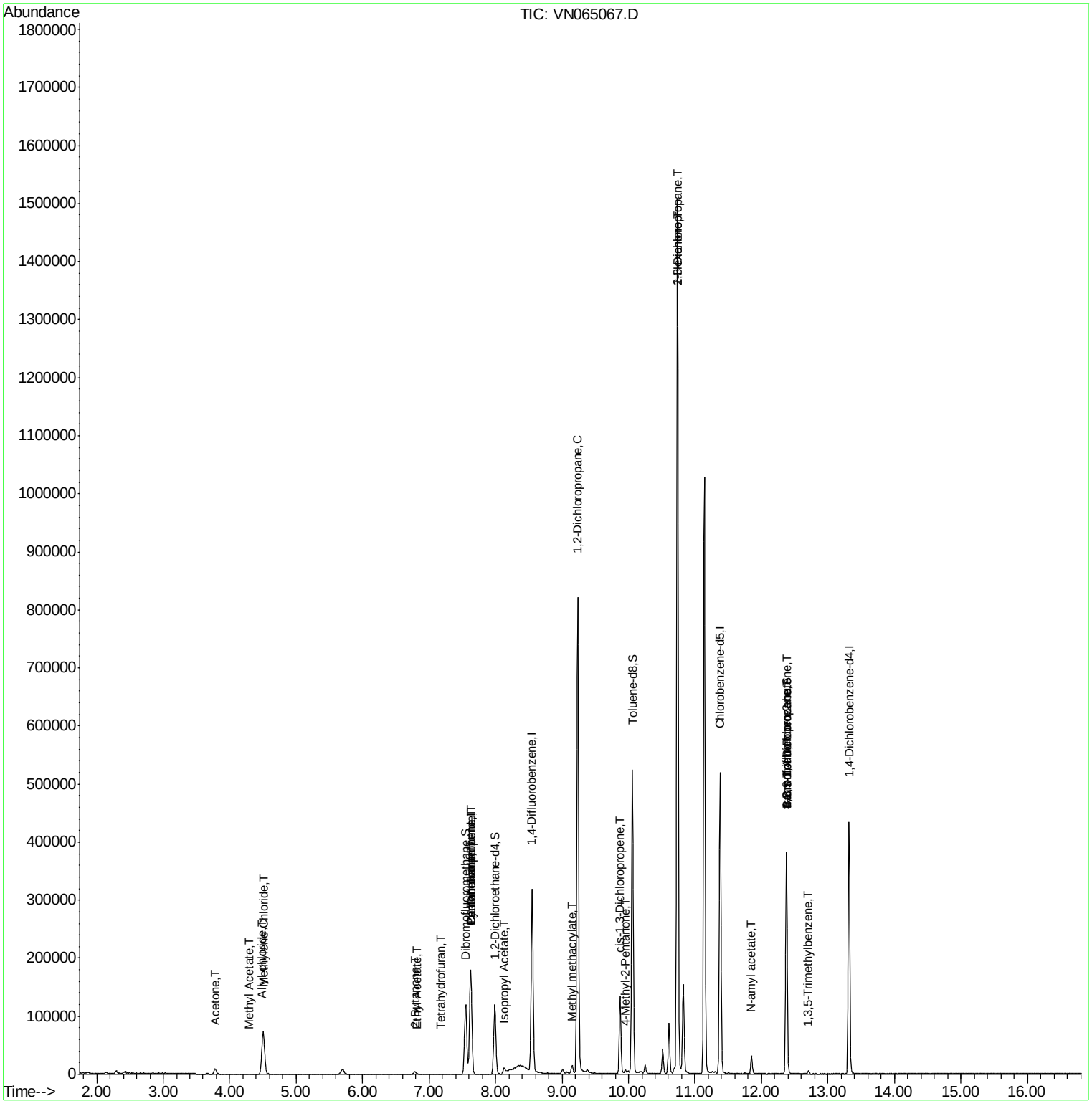
(#) = qualifier out of range (m) = manual integration (+) = signals summed

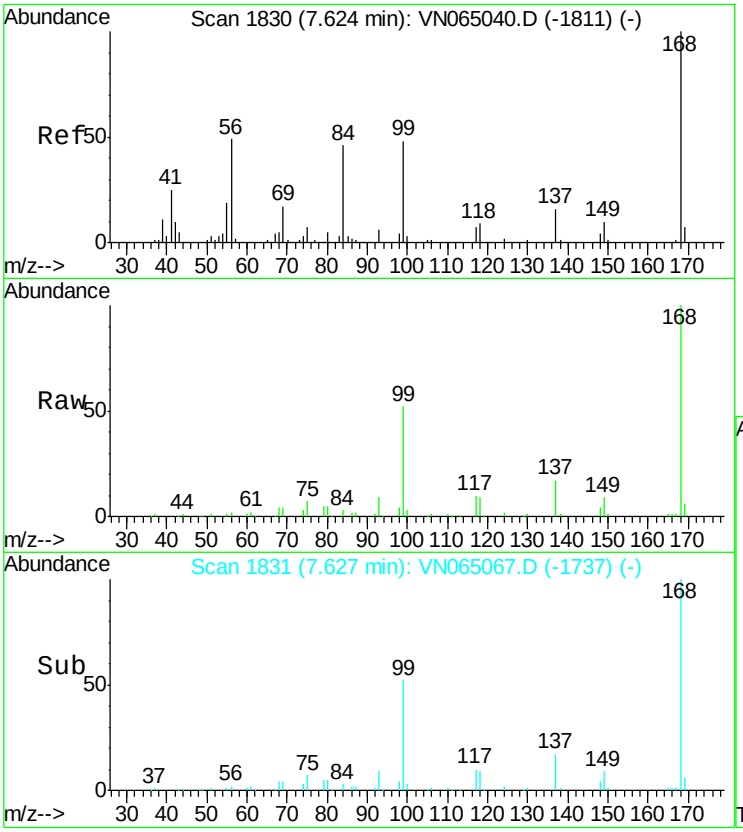
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065067.D
Acq On : 11 Dec 2020 4:13
Operator : JC/MD
Sample : PB133501ZHE#15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Quant Time: Dec 11 04:47:34 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



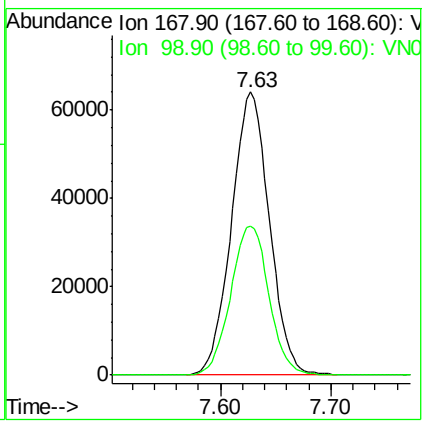


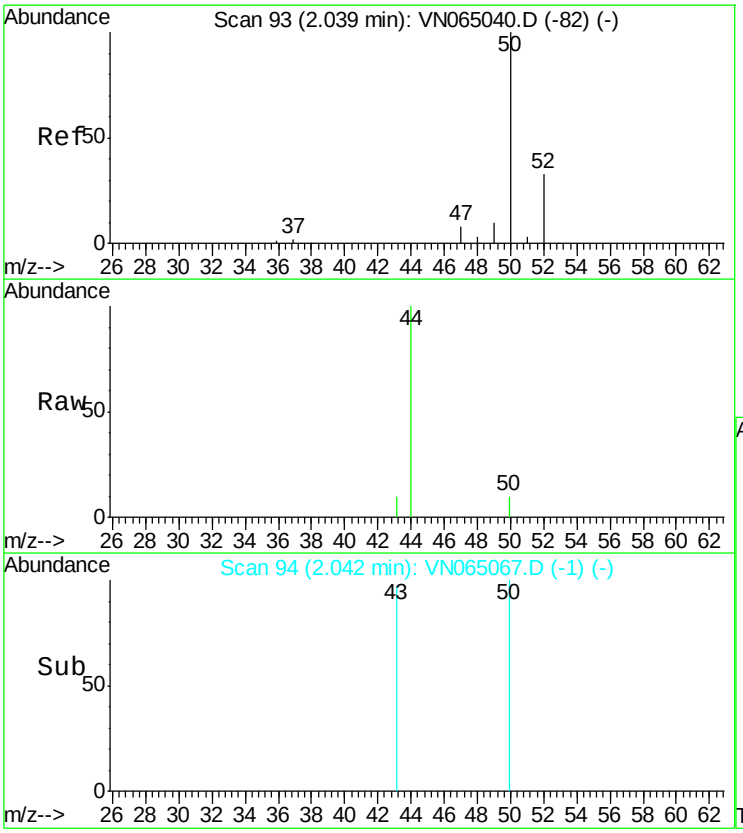
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion:168 Resp: 152348

Ion	Ratio	Lower	Upper
168	100		
99	52.4	44.0	66.0

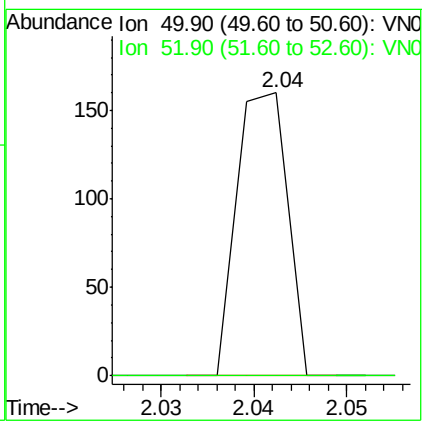


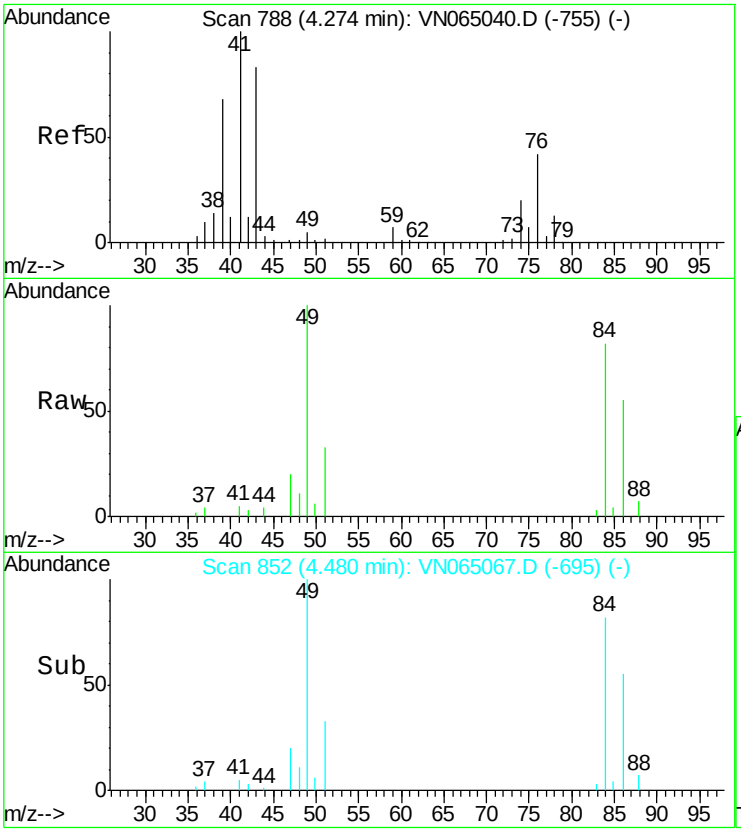


#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 94
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 50 Resp: 61

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



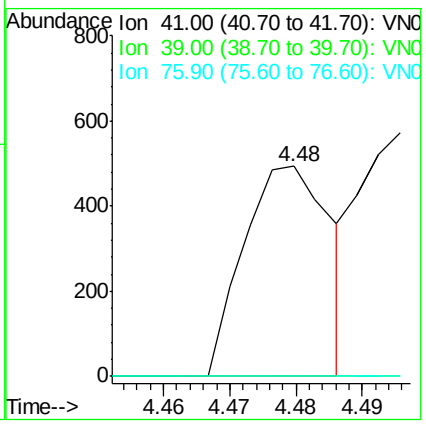


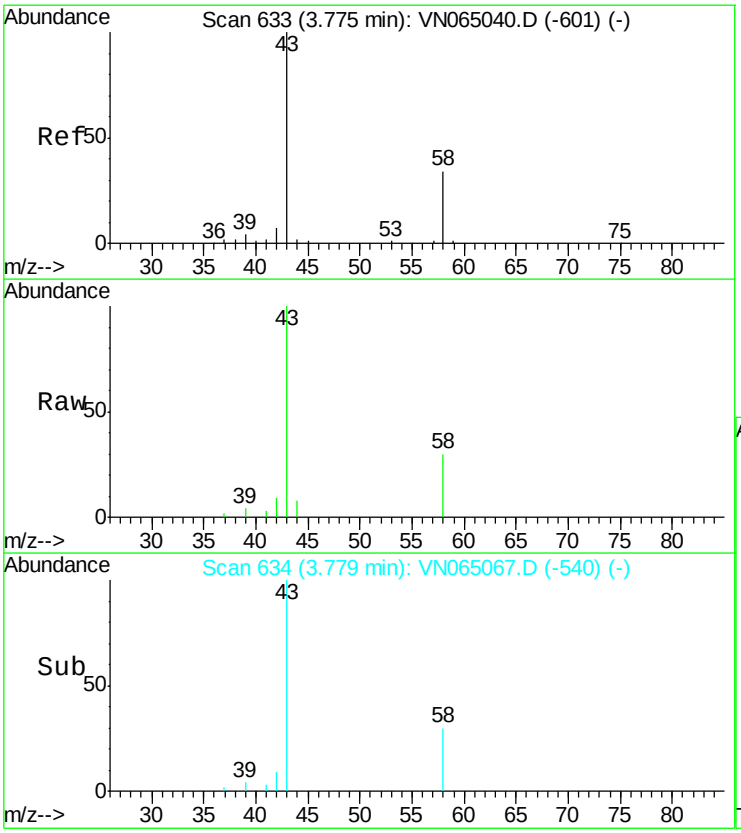
#14
Allyl chloride
Concen: 0.210 ug/l
RT: 4.48 min Scan# 852
Delta R.T. 0.21 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 41 Resp: 448

Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.0	73.6#
76	0.0	29.6	44.4#

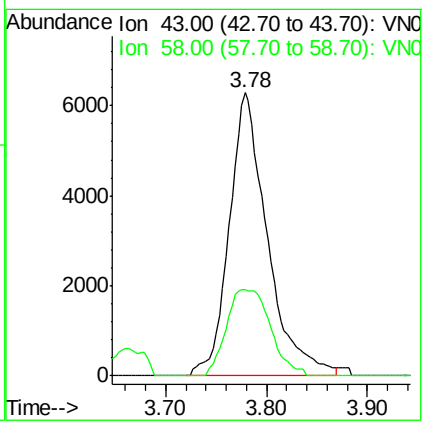


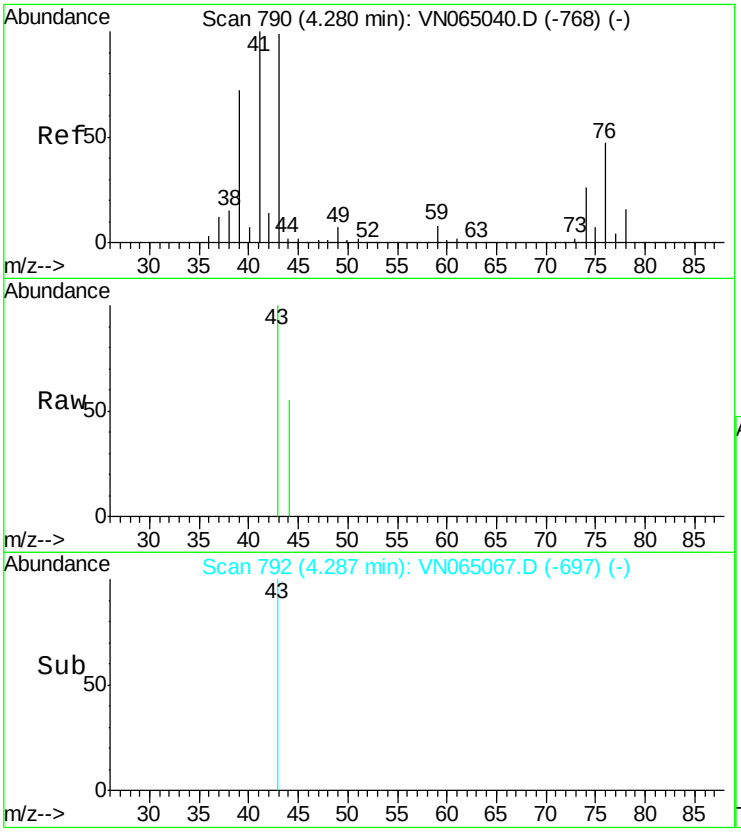


#16
Acetone
Concen: 25.705 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 43 Resp: 16537

Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.8	40.2



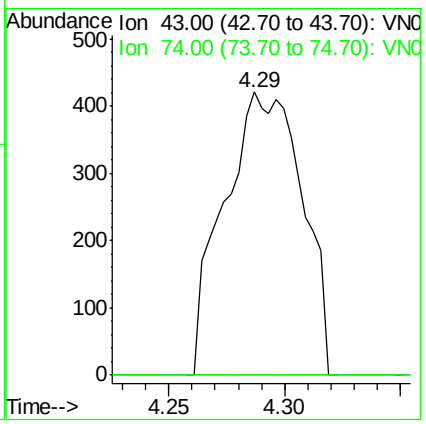


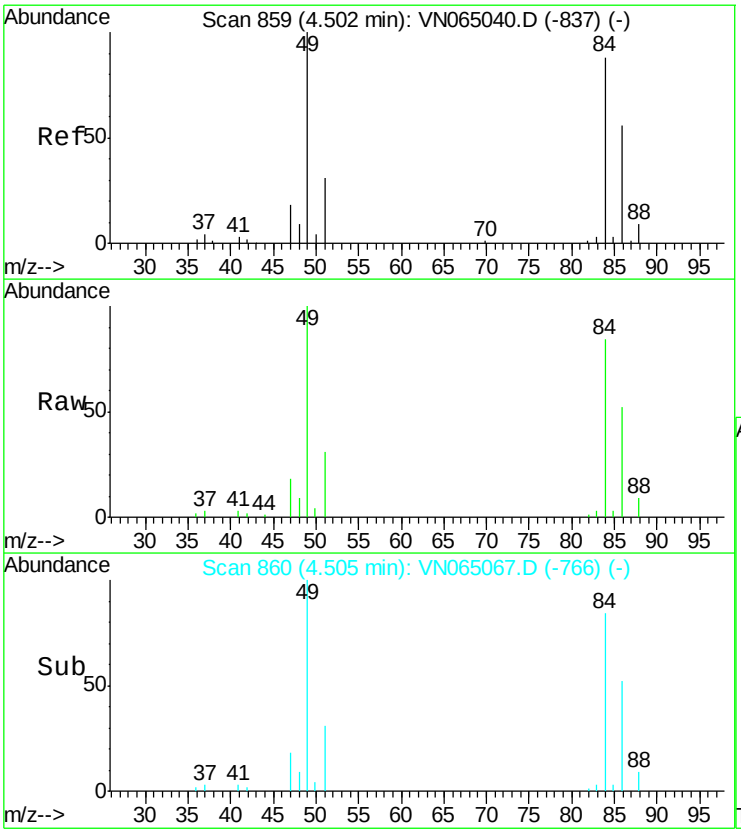
#18
Methyl Acetate
Concen: 0.608 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 43 Resp: 985

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.1	30.1#

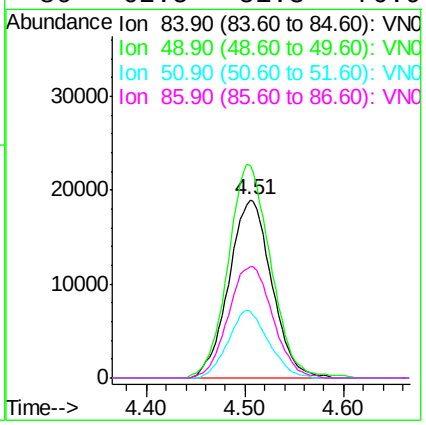


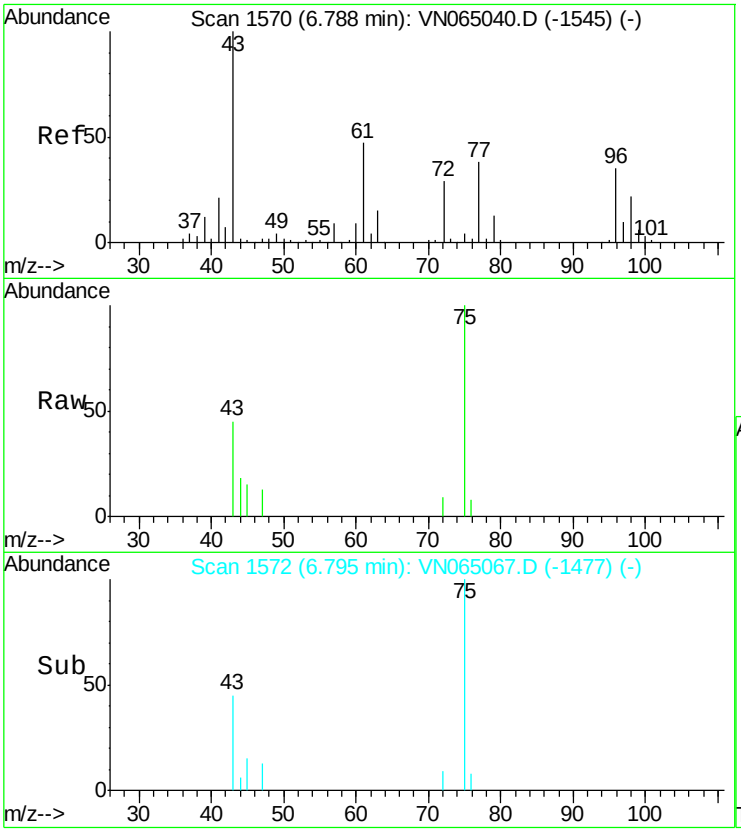


#20
Methylene Chloride
Concen: 34.870 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 84 Resp: 57150

Ion	Ratio	Lower	Upper
84	100		
49	119.6	90.8	136.2
51	37.3	28.1	42.1
86	62.5	51.3	76.9



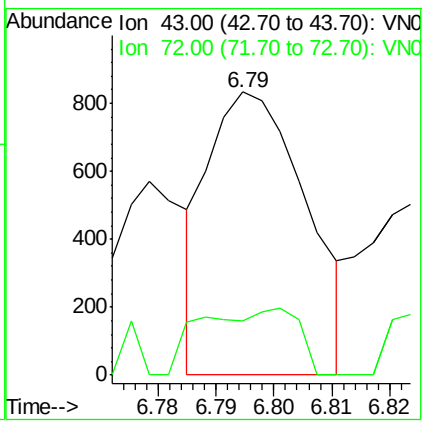


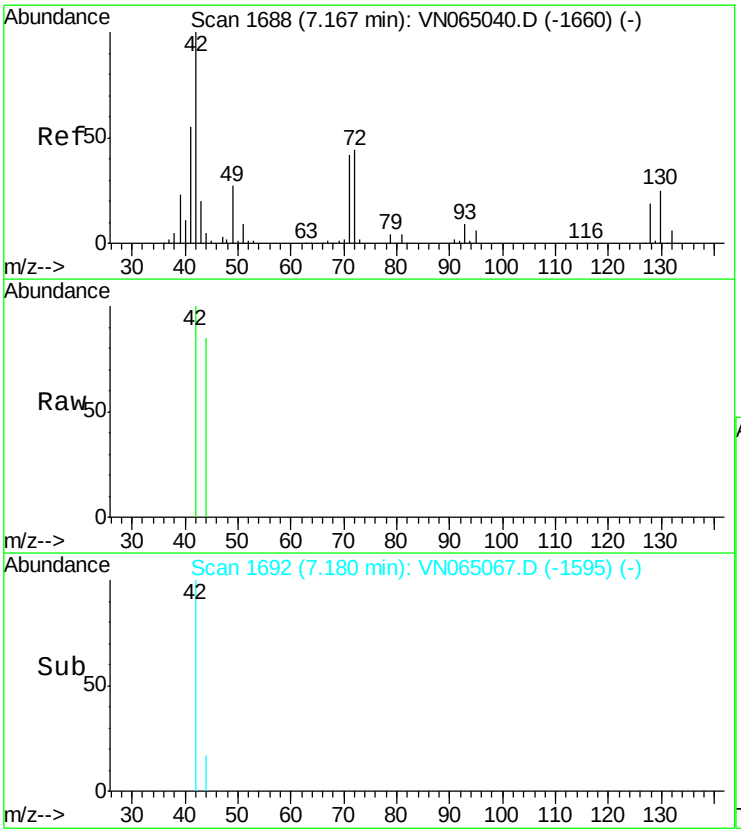
#25
2-Butanone
Concen: 1.096 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 43 Resp: 972

Ion	Ratio	Lower	Upper
43	100		
72	32.4	22.9	34.3

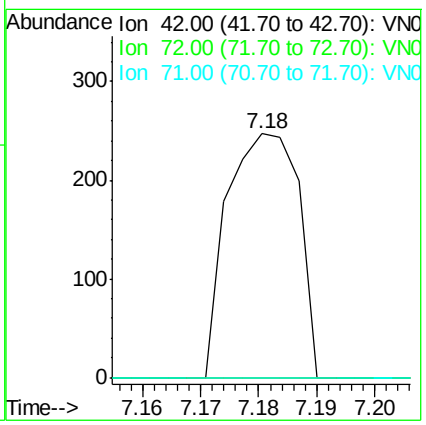


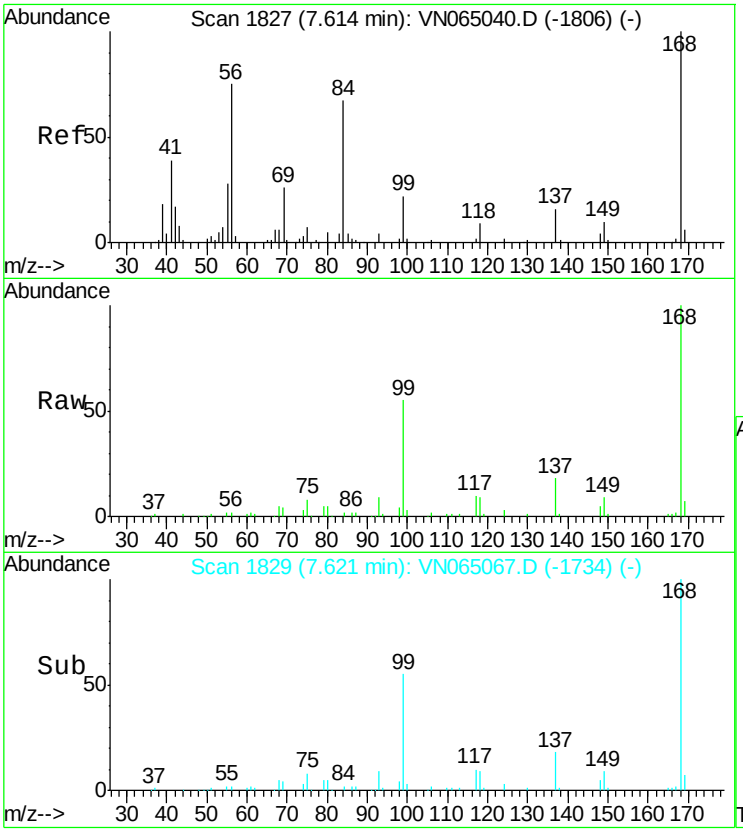


#29
Tetrahydrofuran
Concen: 0.377 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 42 Resp: 210

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.8	53.6#
71	0.0	33.5	50.3#



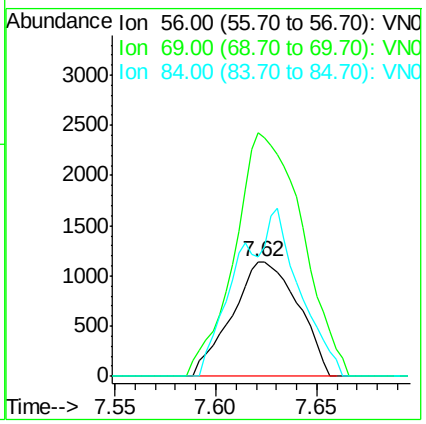


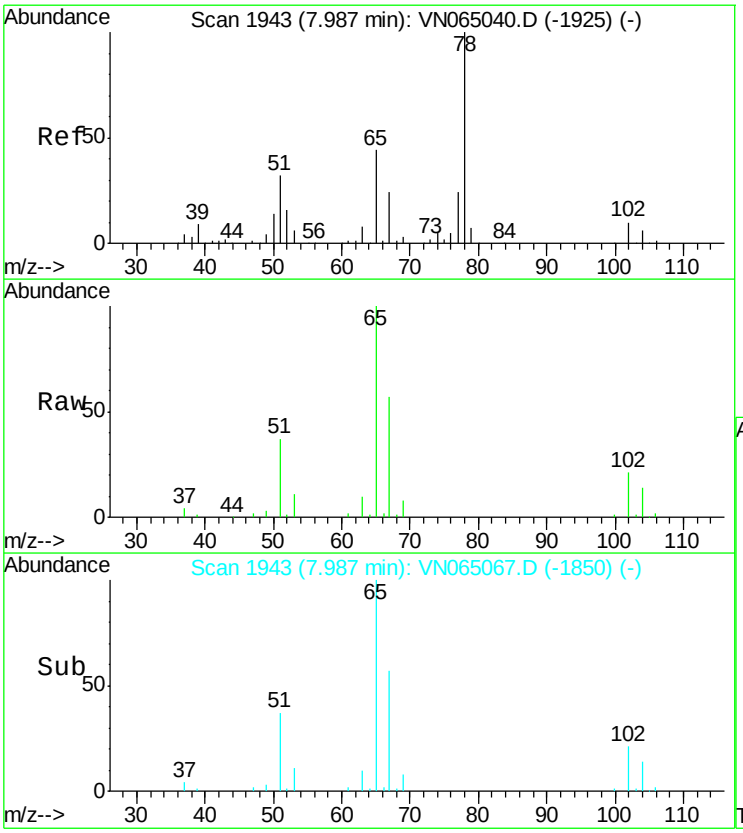
#31
Cyclohexane
Concen: 2.596 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 56 Resp: 2599

Ion	Ratio	Lower	Upper
56	100		
69	213.0	27.5	41.3#
84	104.2	72.4	108.6

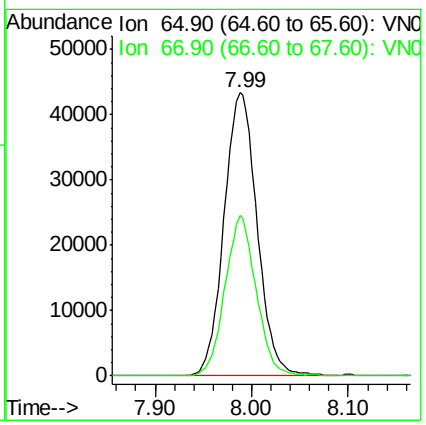


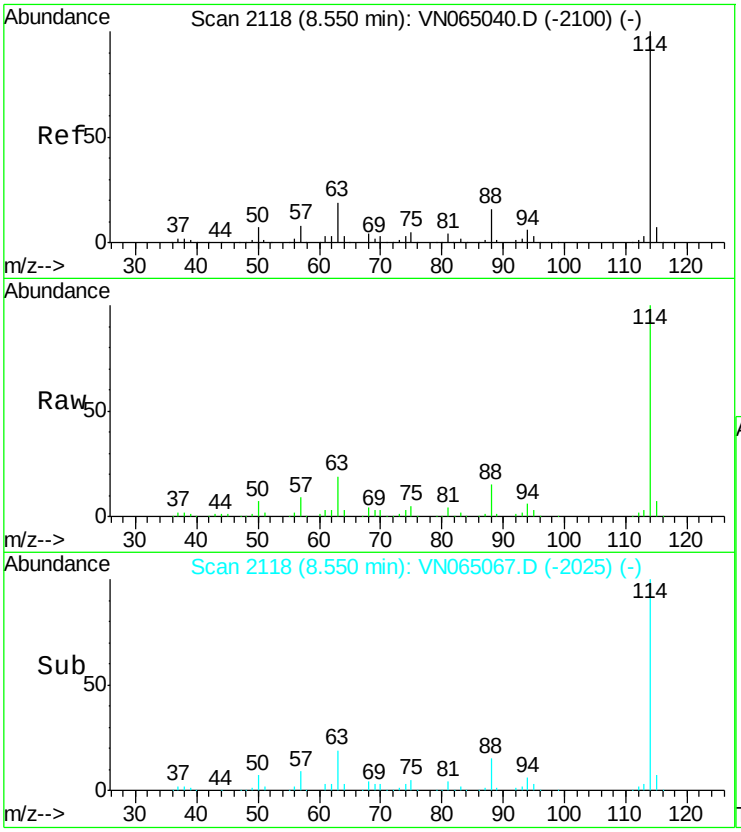


#33
1,2-Dichloroethane-d4
Concen: 56.723 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 65 Resp: 102885

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4



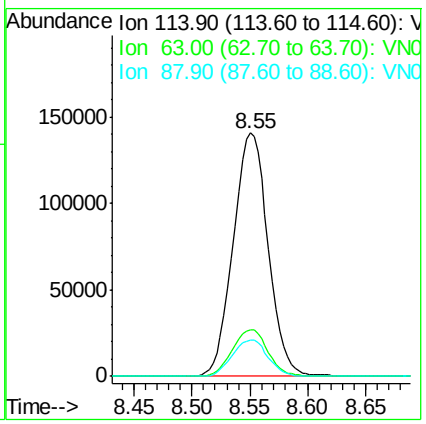


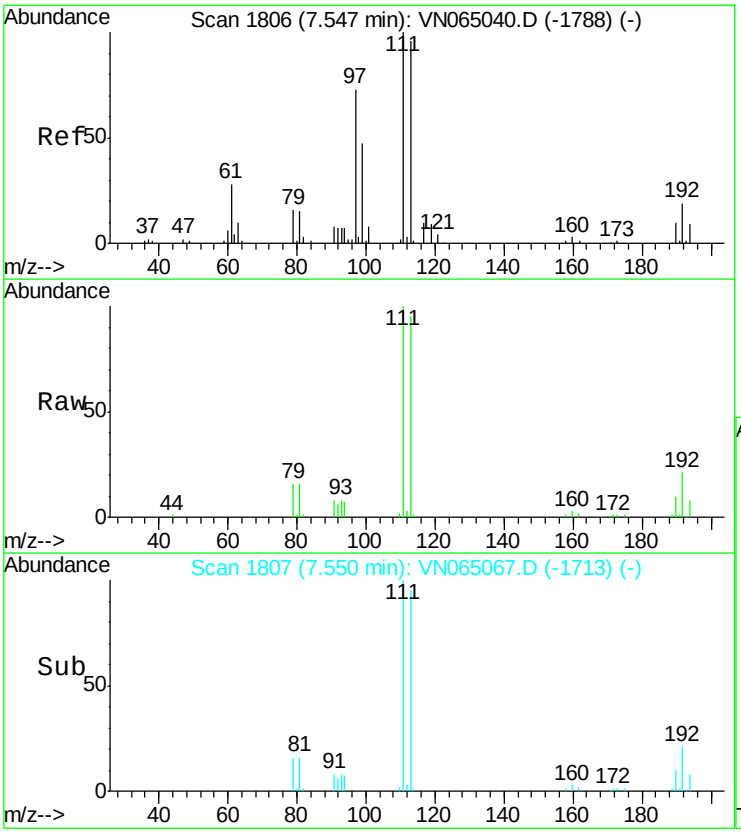
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion:114 Resp: 294398

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.2
88	15.1	0.0	31.6

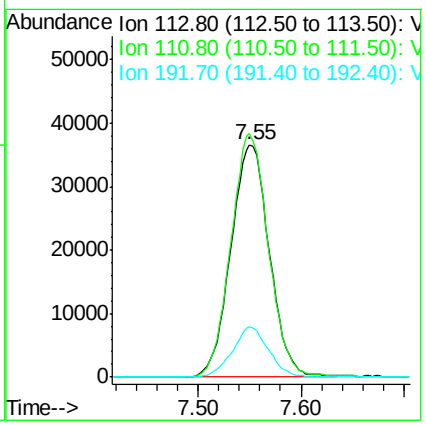


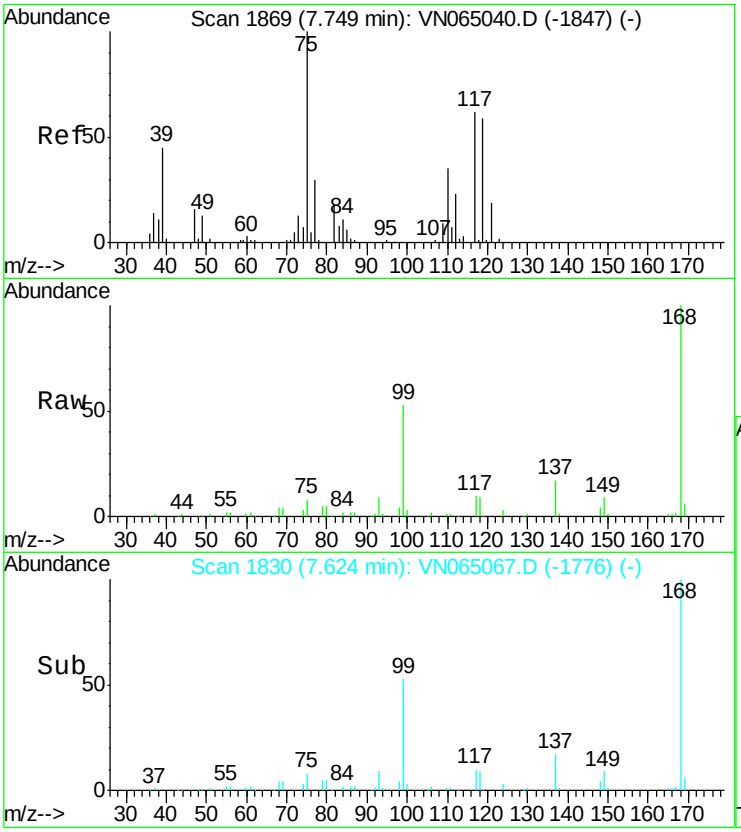


#35
Dibromofluoromethane
Concen: 48.786 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion:113 Resp: 95017

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.0
192	20.2	16.2	24.2



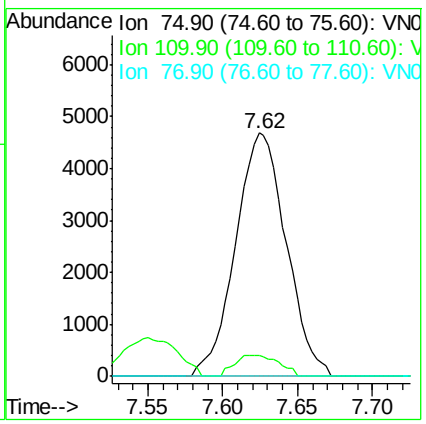


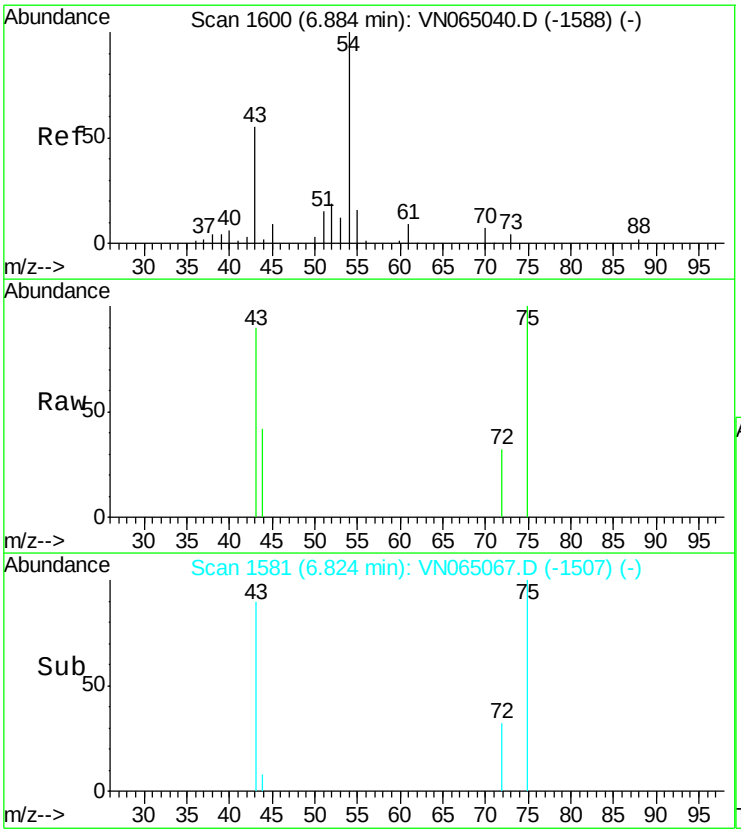
#36
1,1-Dichloropropene
Concen: 4.392 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 75 Resp: 11027

Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.1	54.1#
77	0.0	24.5	36.7#

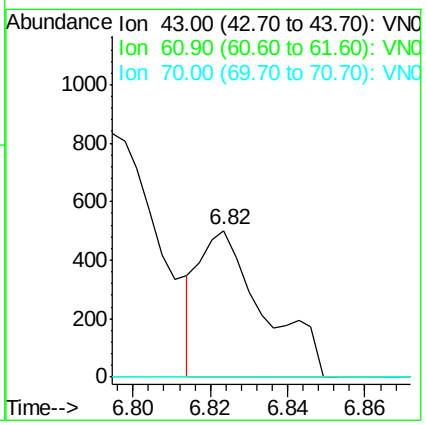


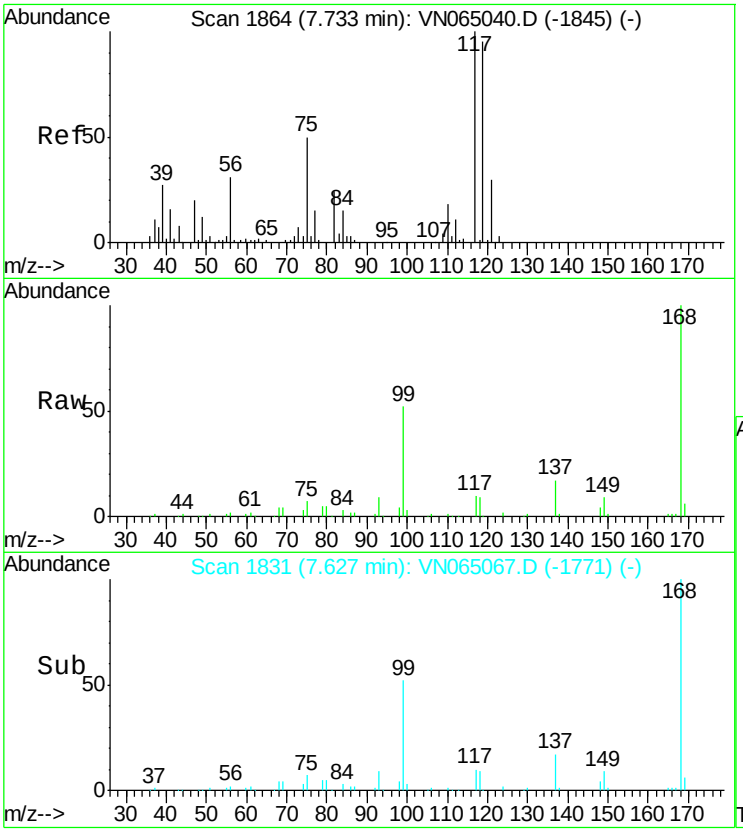


#37
Ethyl Acetate
Concen: 0.252 ug/l
RT: 6.82 min Scan# 1581
Delta R.T. -0.06 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 43 Resp: 576

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



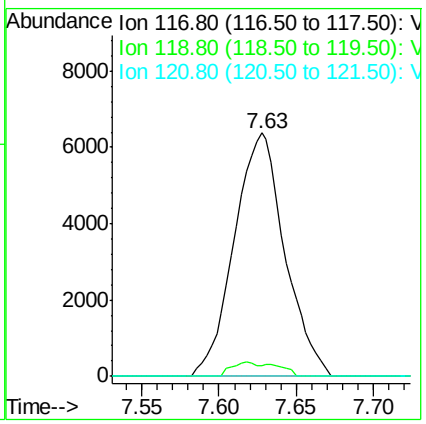


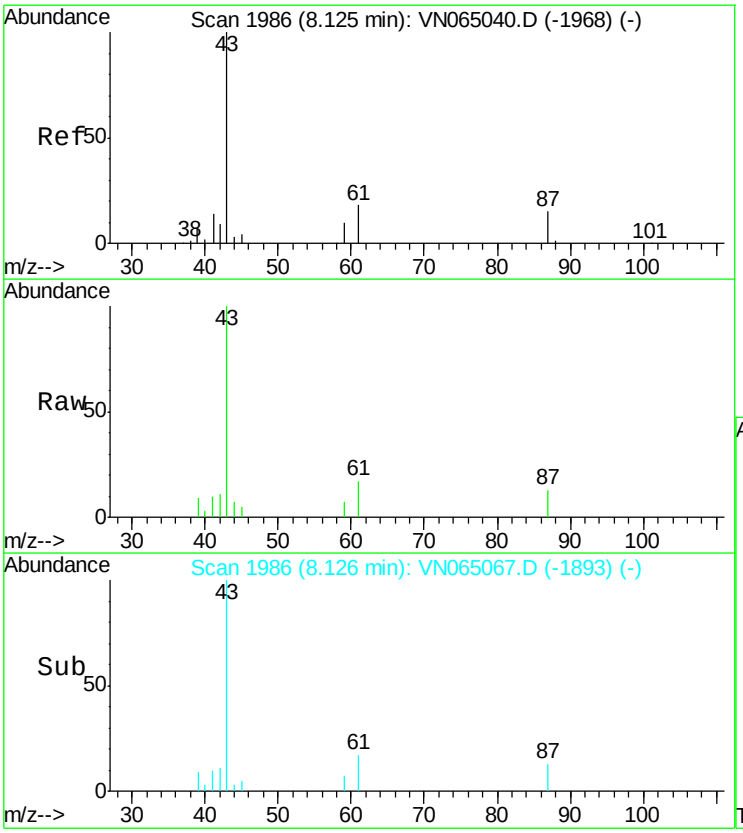
#38
Carbon Tetrachloride
Concen: 5.436 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion:117 Resp: 14502

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.9	113.9#
121	0.0	24.1	36.1#

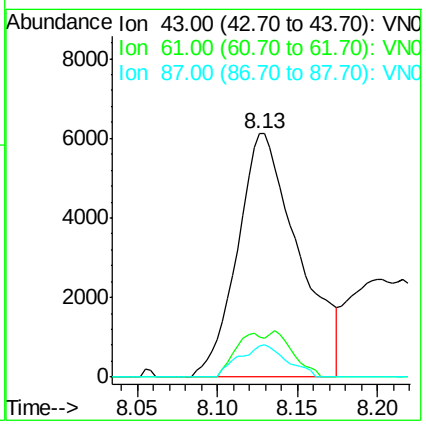


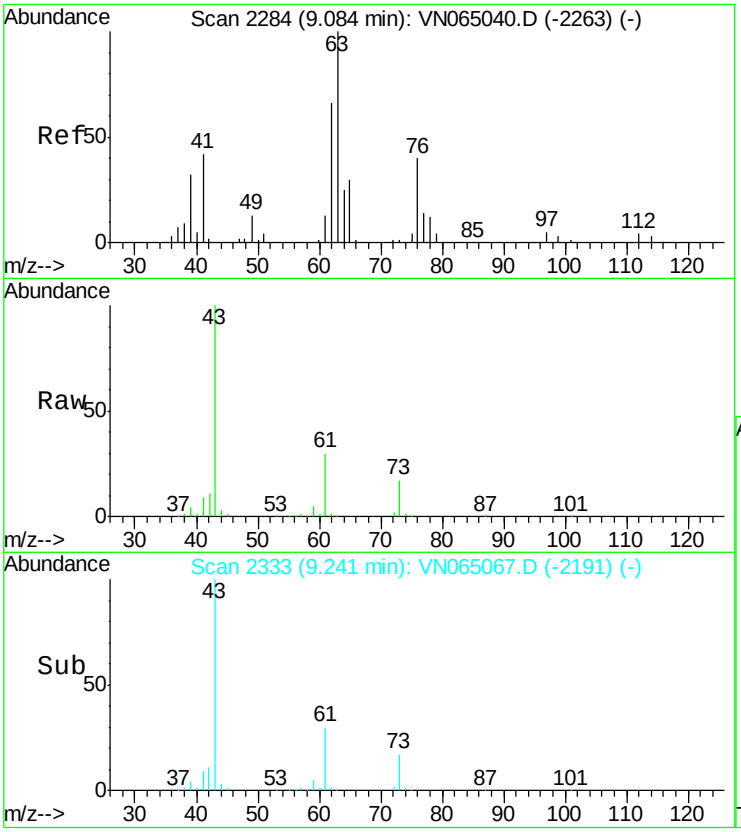


#43
Isopropyl Acetate
Concen: 4.243 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 43 Resp: 16103

Ion	Ratio	Lower	Upper
43	100		
61	8.5	16.9	25.3#
87	10.2	11.4	17.2#



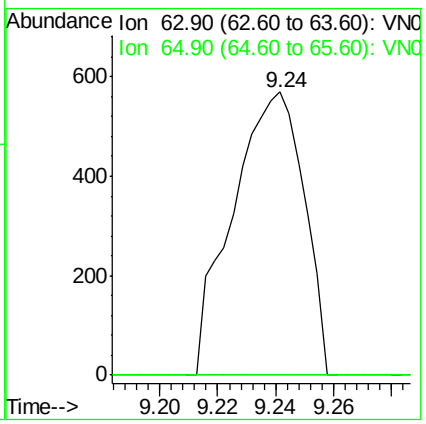


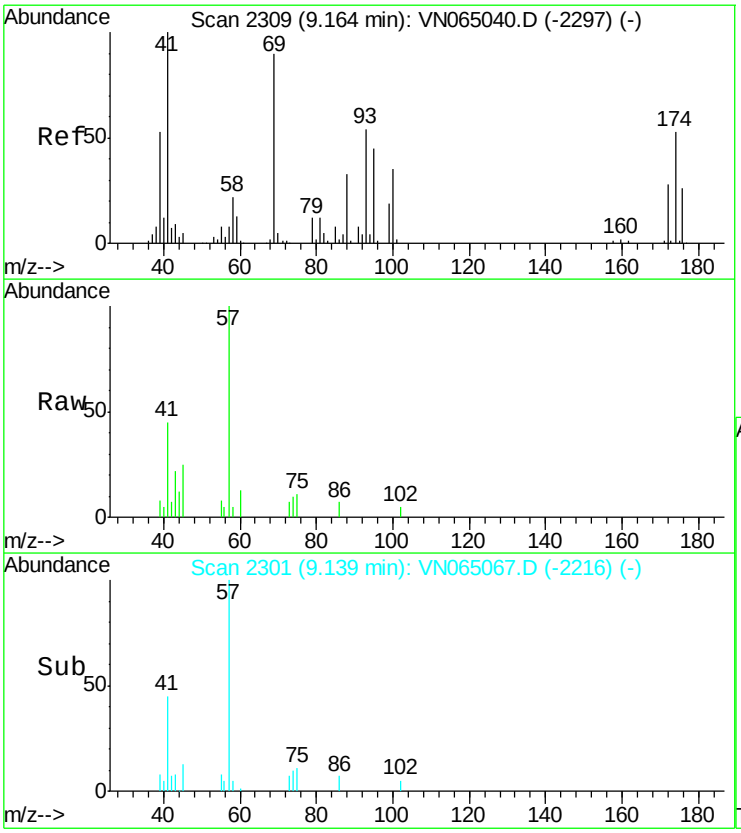
#45
1,2-Dichloropropane
Concen: 0.462 ug/l
RT: 9.24 min Scan# 2333
Delta R.T. 0.16 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 63 Resp: 971

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.0	36.0#

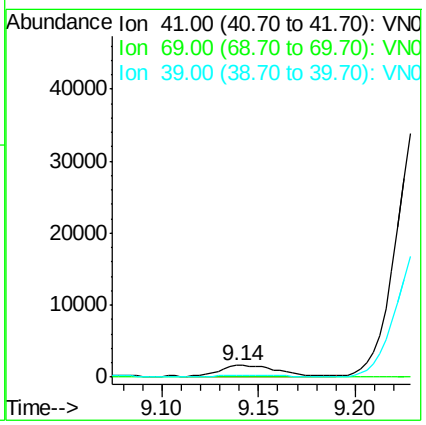


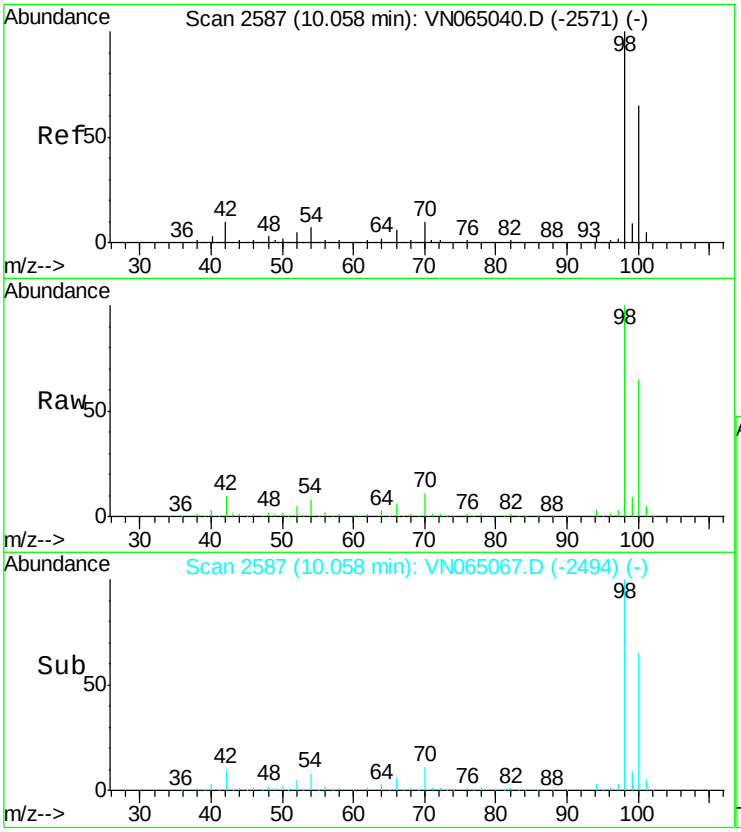


#48
Methyl methacrylate
Concen: 1.983 ug/l
RT: 9.14 min Scan# 2301
Delta R.T. -0.03 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 41 Resp: 3572

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



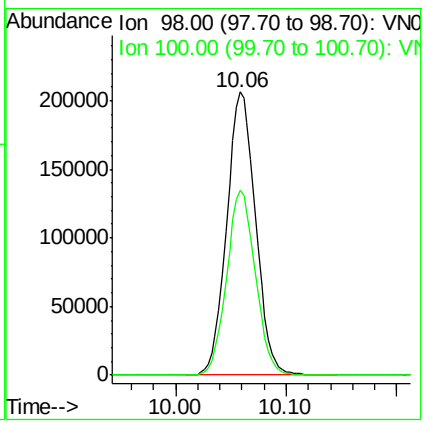


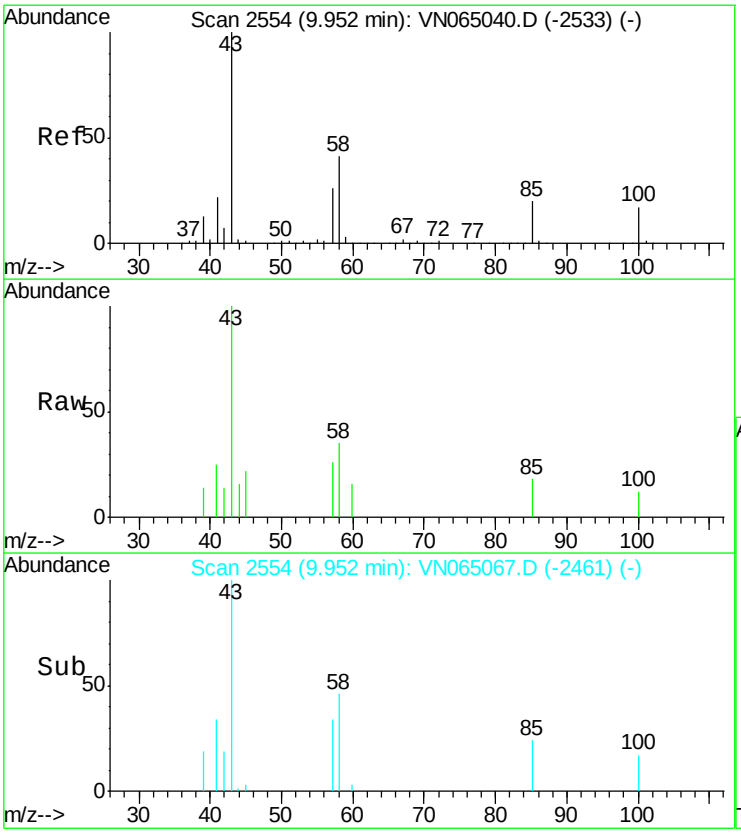
#50
Toluene-d8
Concen: 50.139 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 98 Resp: 374638

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4

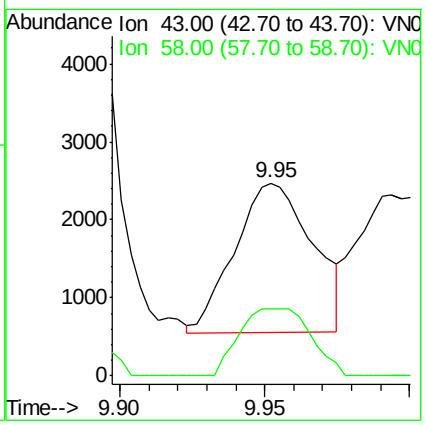


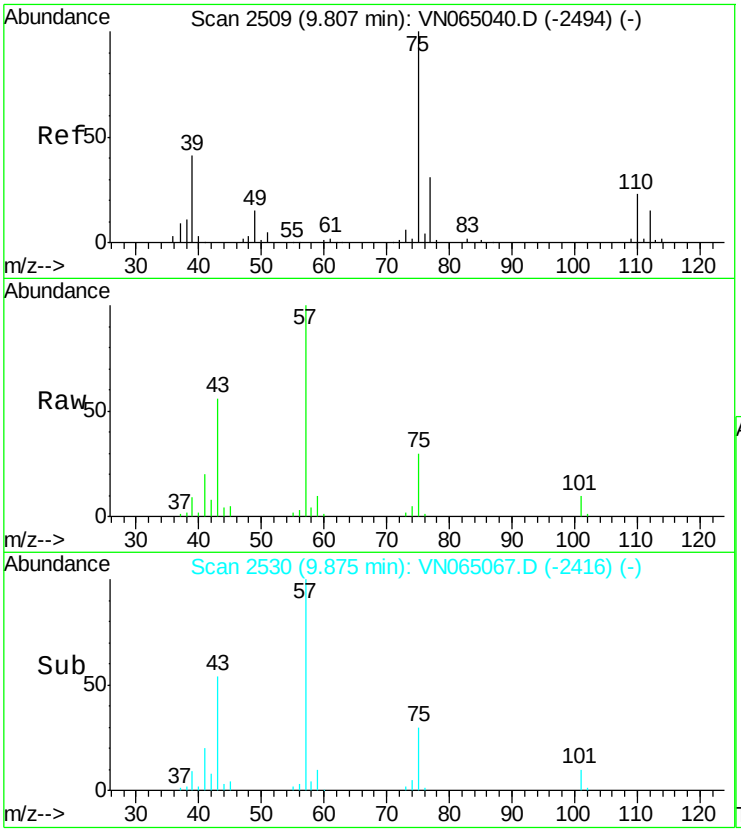


#51
4-Methyl-2-Pentanone
Concen: 1.578 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 43 Resp: 3581

Ion	Ratio	Lower	Upper
43	100		
58	41.1	32.4	48.6



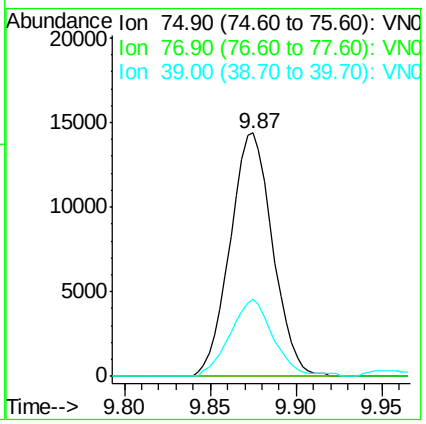


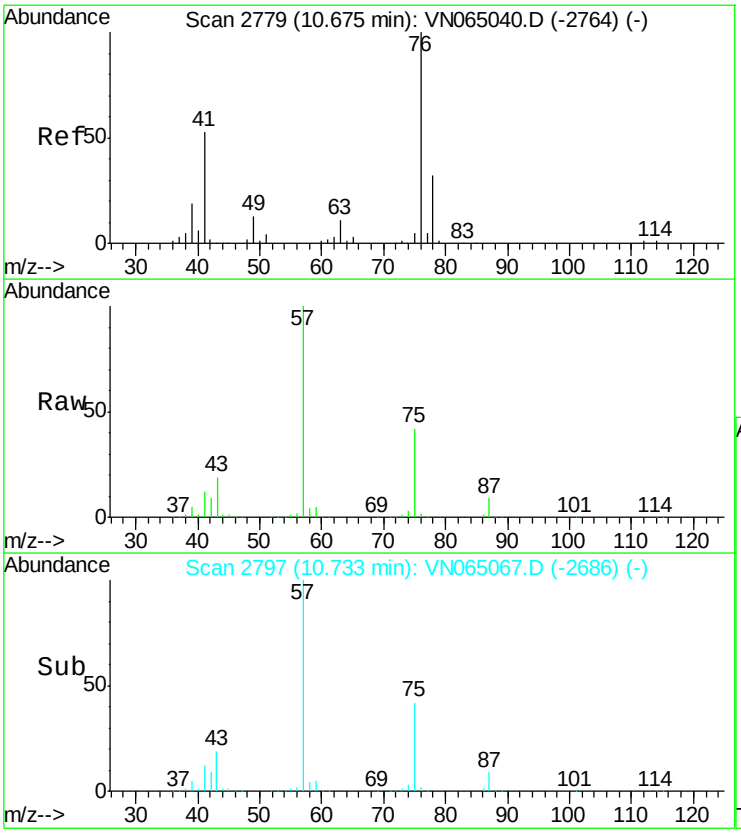
#54
cis-1,3-Dichloropropene
Concen: 7.421 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 75 Resp: 24695

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	31.7	33.0	49.4#

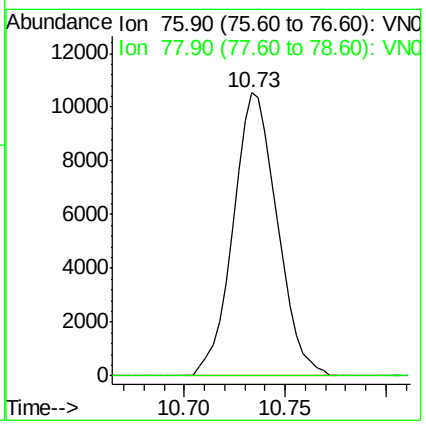


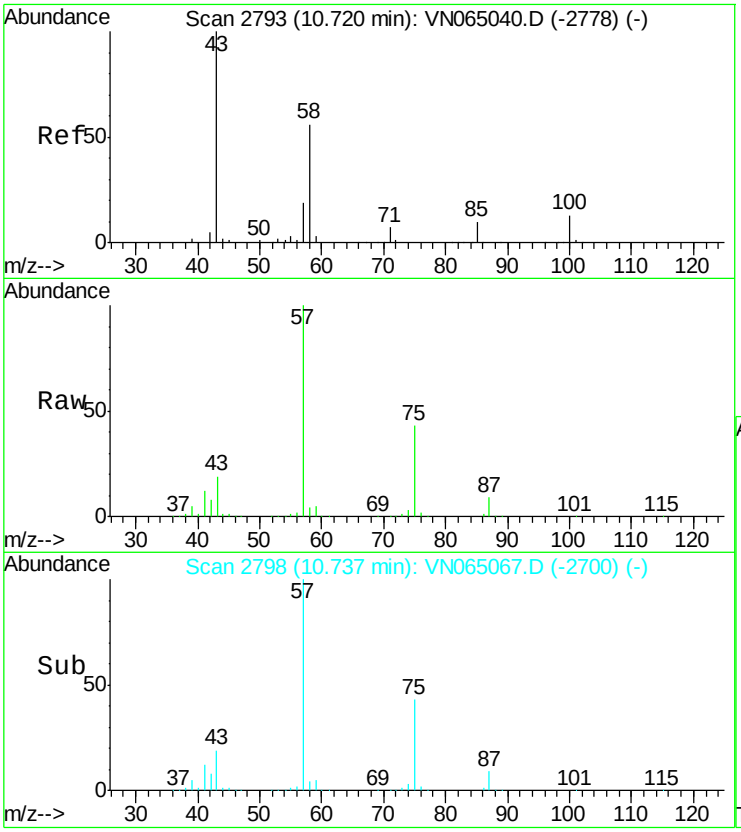


#57
1,3-Dichloropropane
Concen: 4.859 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 76 Resp: 16132

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.5	39.7#



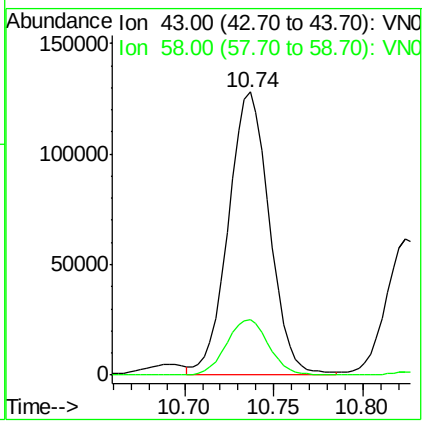


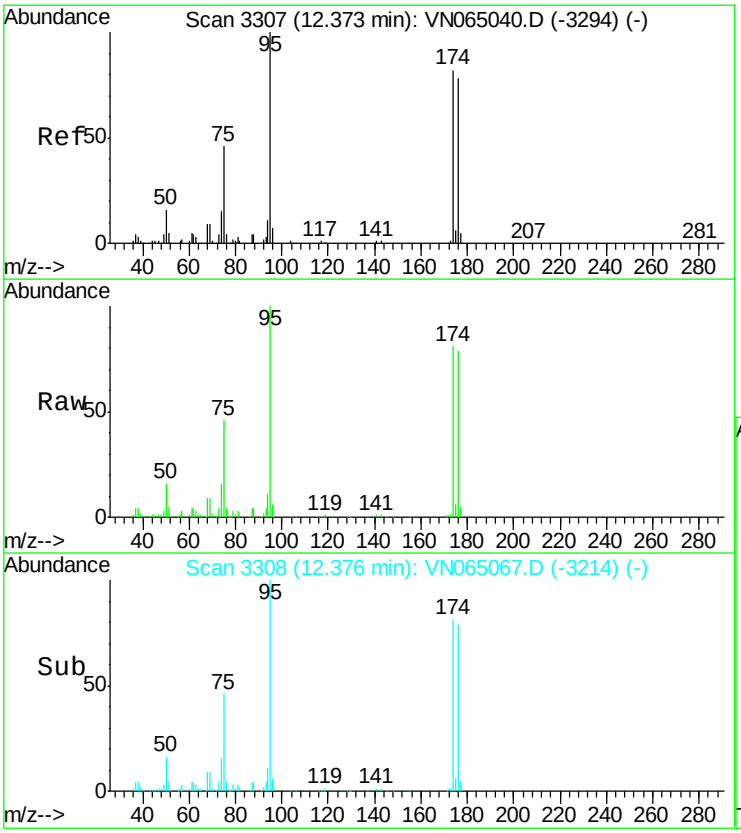
#59
2-Hexanone
Concen: 125.179 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 43 Resp: 204617

Ion	Ratio	Lower	Upper
43	100		
58	20.3	28.3	84.9#

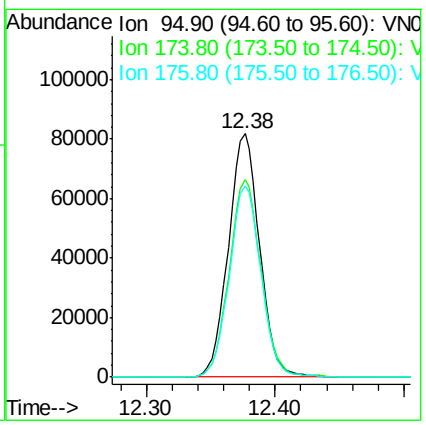


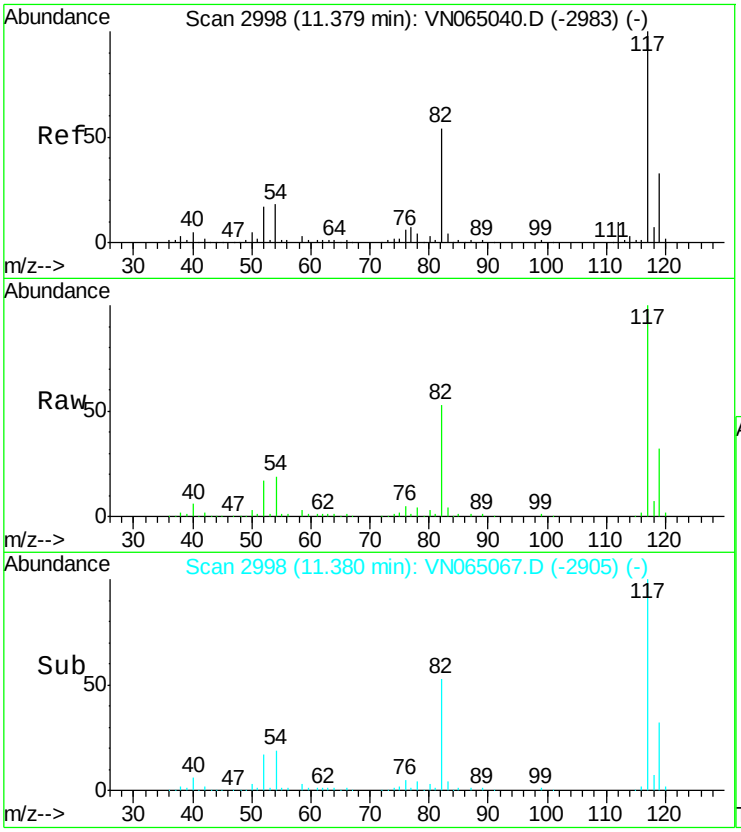


#62
4-Bromofluorobenzene
Concen: 53.702 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 95 Resp: 137535

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	164.8
176	79.3	0.0	158.8



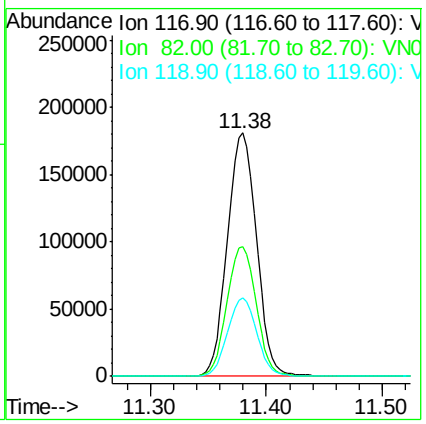


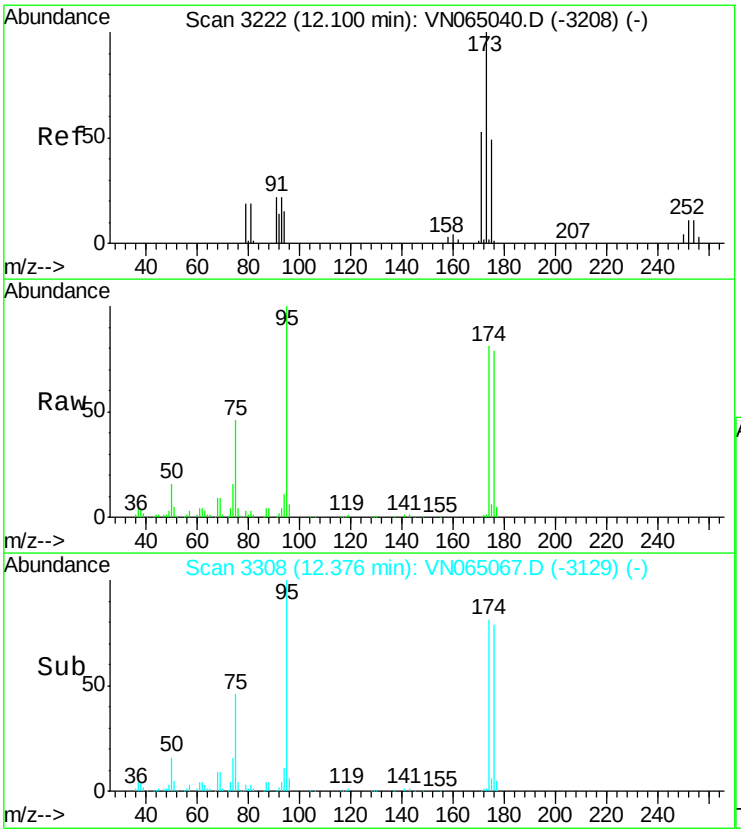
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#15

Tgt Ion:117 Resp: 315212

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.5	65.3
119	32.3	26.4	39.6

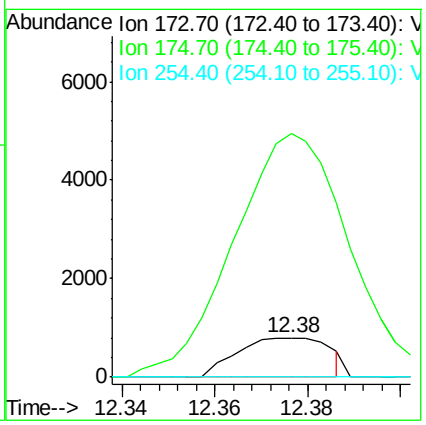


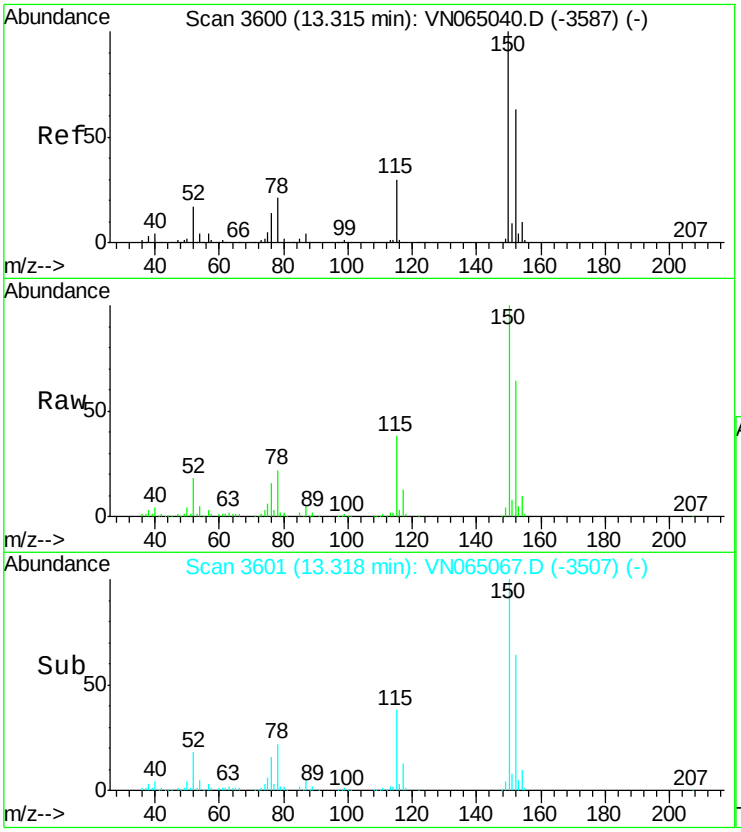


#71
Bromoform
Concen: 0.581 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion:173 Resp: 1095

Ion	Ratio	Lower	Upper
173	100		
175	655.8	24.5	73.5#
254	0.0	0.0	0.0



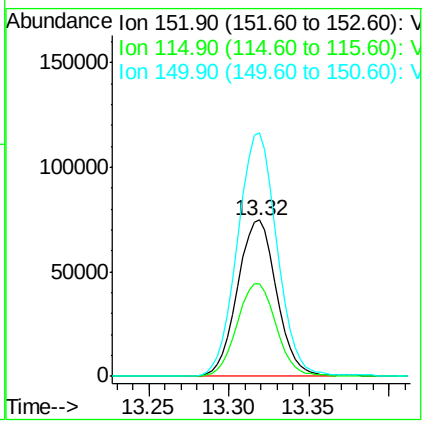


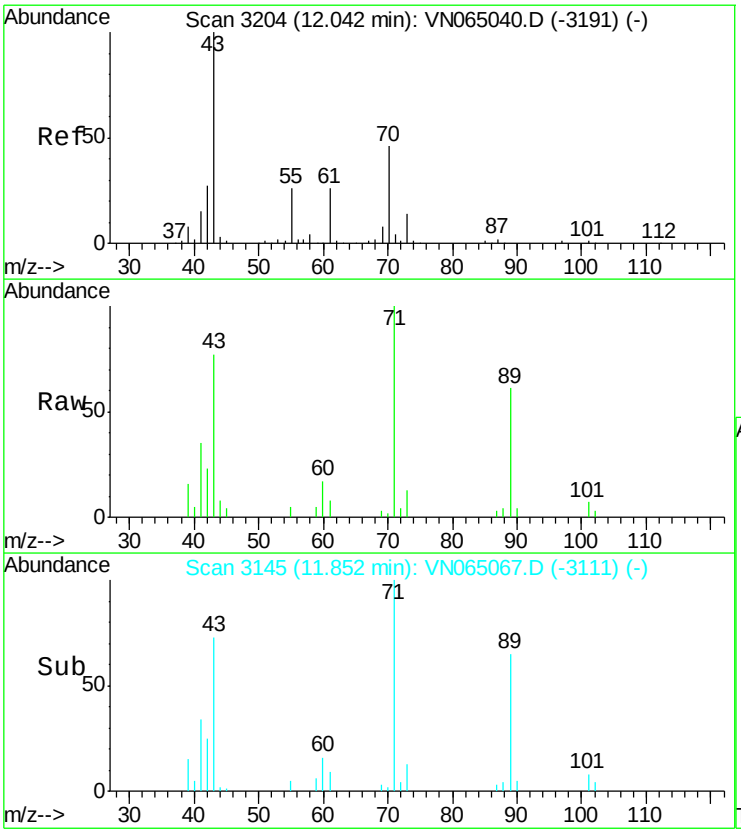
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument : MSVOA_N
ClientSampleId : PB133501ZHE#15

Tgt Ion:152 Resp: 125449

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	88.0
150	157.6	0.0	345.8

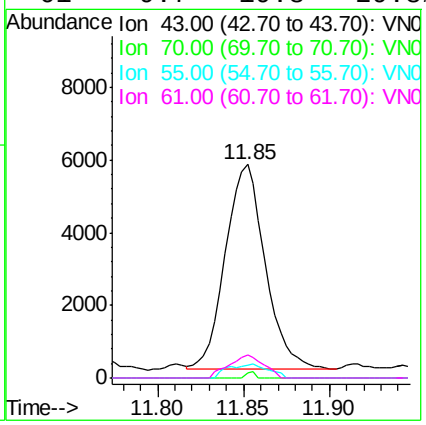


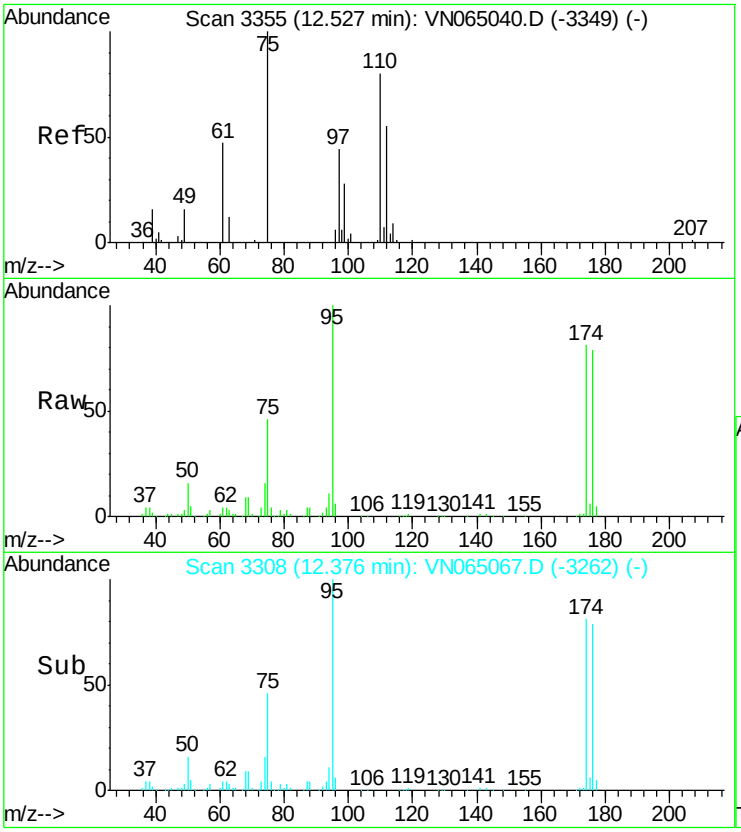


#74
N-amyl acetate
Concen: 3.018 ug/l
RT: 11.85 min Scan# 3145
Delta R.T. -0.19 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion: 43 Resp: 9068

Ion	Ratio	Lower	Upper
43	100		
70	0.7	36.2	54.2#
55	6.9	21.4	32.0#
61	9.7	19.8	29.8#



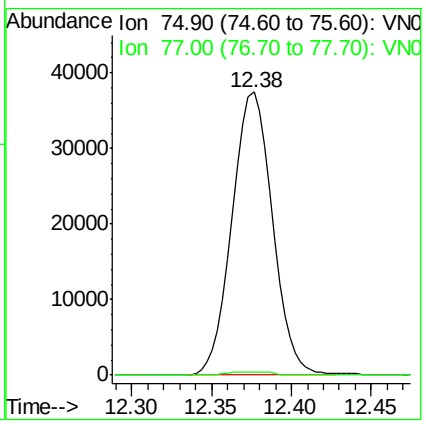


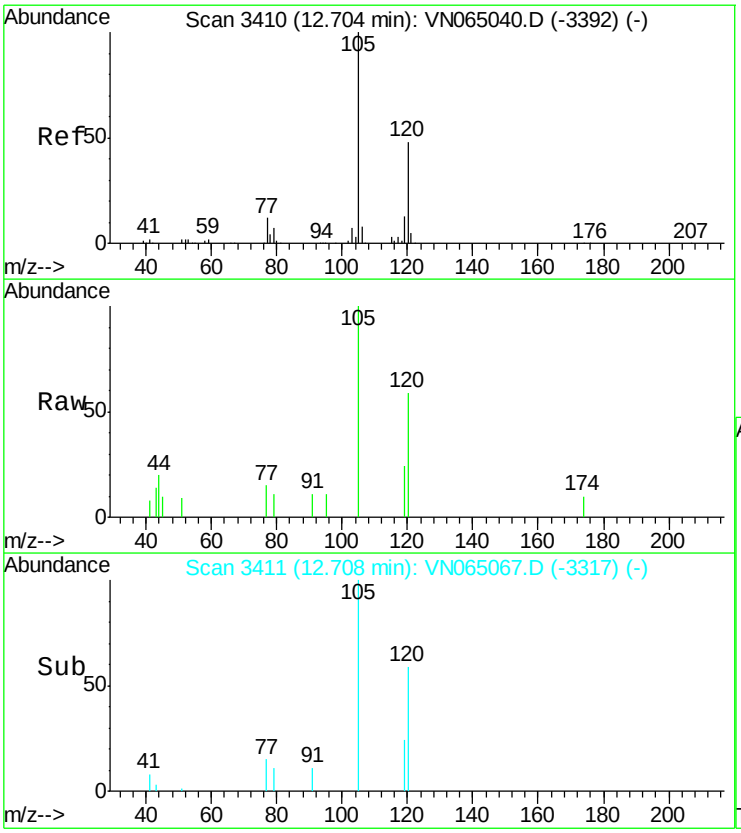
#76
1,2,3-Trichloropropane
Concen: 26.424 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 75 Resp: 64570

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

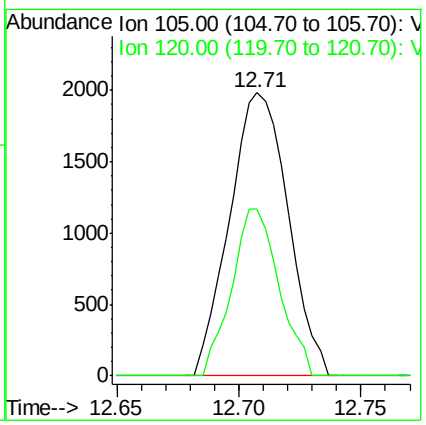


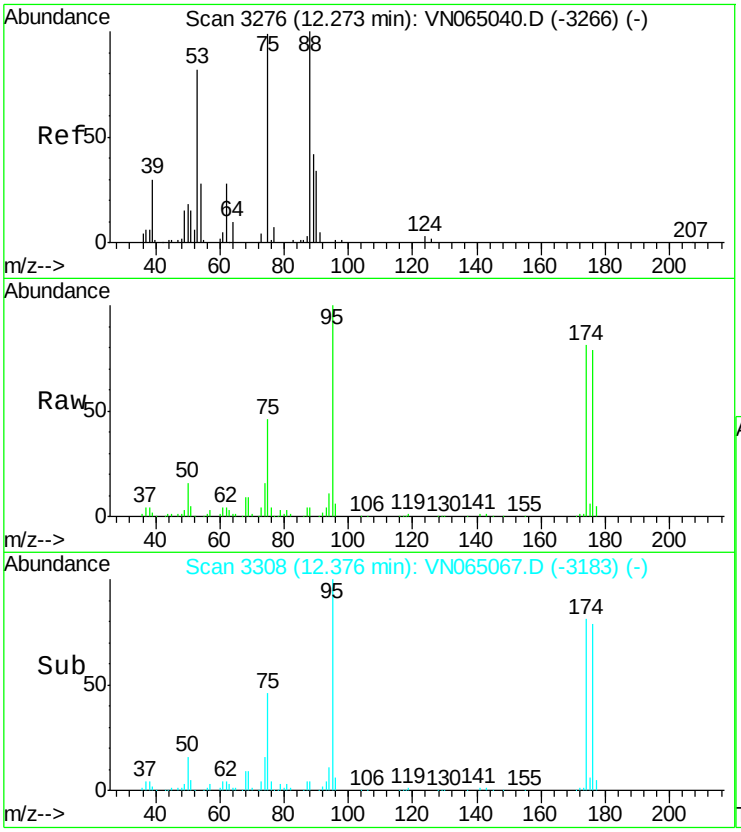


#80
1,3,5-Trimethylbenzene
Concen: 0.470 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Tgt Ion:105 Resp: 3298

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 75.209 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN065067.D
Acq: 11 Dec 2020 4:13

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#15

Tgt Ion: 75 Resp: 64570

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