Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\NOT REVIEWED DATA\
Data File : VN063011.D
Acq On : 19 Aug 2020 14:15
Operator : JC/MD
Sample : L3718-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-VPB181-DUP-20200812

Quant Time: Aug 19 17:34:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	92461	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.64%			
35) Dibromofluoromethane	7.55	113	82108	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
50) Toluene-d8	10.06	98	314599	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.76%			
62) 4-Bromofluorobenzene	12.38	95	105356	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	809	0.399	ug/l #	87
11) Tert butyl alcohol	4.70	59	353	1.424	ug/l #	74
12) 1,1-Dichloroethene	3.70	96	2366	1.887	ug/l	91
14) Allyl chloride	4.03	41	1101	0.498	ug/l #	66
16) Acetone	3.79	43	1949	Below Cal	#	85
18) Methyl Acetate	4.02	43	1678	0.965	ug/l #	52
19) Methyl tert-butyl Ether	4.99	73	1054	0.241	ug/l #	53
20) Methylene Chloride	4.51	84	358	Below Cal	#	51
24) 1,1-Dichloroethane	5.80	63	7391	2.637	ug/l #	93
27) cis-1,2-Dichloroethene	6.78	96	9824	5.974	ug/l	89
30) Chloroform	7.32	83	1121	0.397	ug/l	93
31) Cyclohexane	7.63	56	2458	0.953	ug/l #	1
32) 1,1,1-Trichloroethane	7.53	97	2939	1.275	ug/l #	49
36) 1,1-Dichloropropene	7.63	75	10502	4.871	ug/l #	48
42) 1,2-Dichloroethane	8.09	62	527	0.230	ug/l #	75
44) Trichloroethene	8.80	130	6417	3.773	ug/l	95
51) 4-Methyl-2-Pentanone	10.06	43	1118	0.528	ug/l #	1
60) Dibromochloromethane	10.60	129	888	0.455	ug/l #	11
64) Tetrachloroethene	10.61	164	951	0.571	ug/l	90
71) Bromoform	12.38	173	1071	0.680	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	49456	27.429	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49456	75.331	ug/l #	15
89) n-Butylbenzene	13.32	91	130	2.795	ug/l #	34

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\NOT REVIEWED DATA\
Data File : VN063011.D
Acq On : 19 Aug 2020 14:15
Operator : JC/MD
Sample : L3718-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Quant Time: Aug 19 17:34:22 2020
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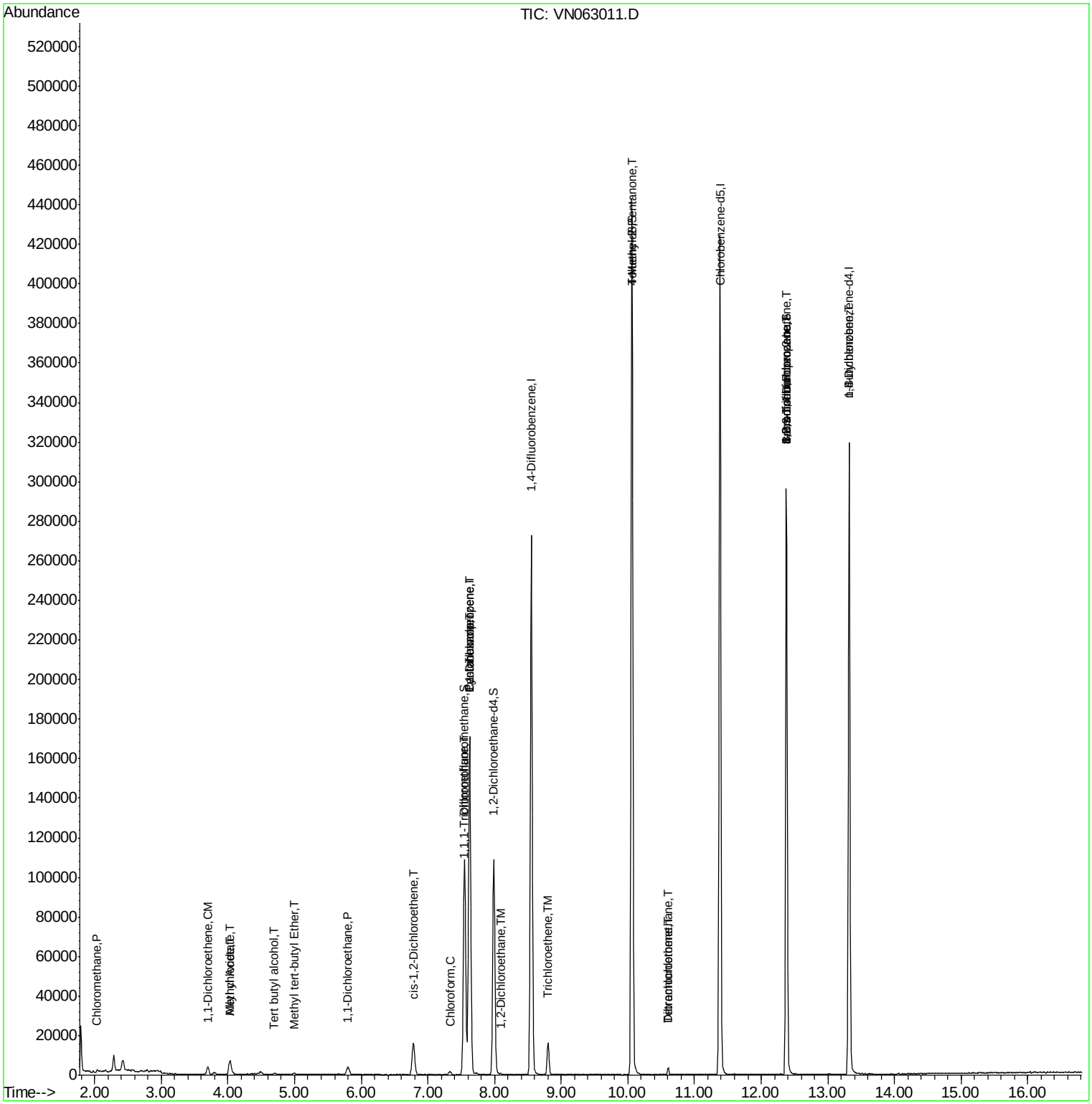
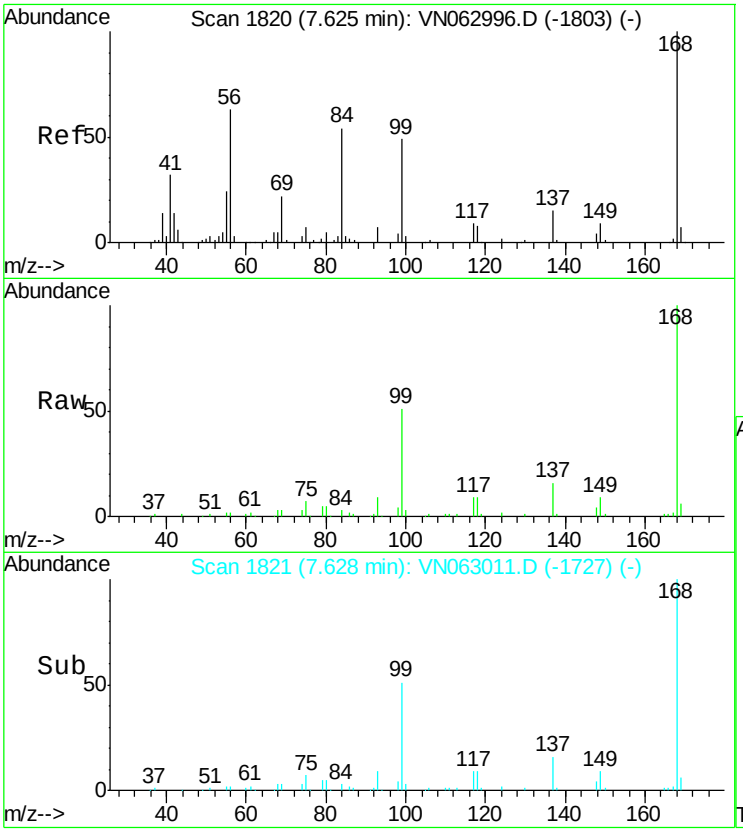
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration



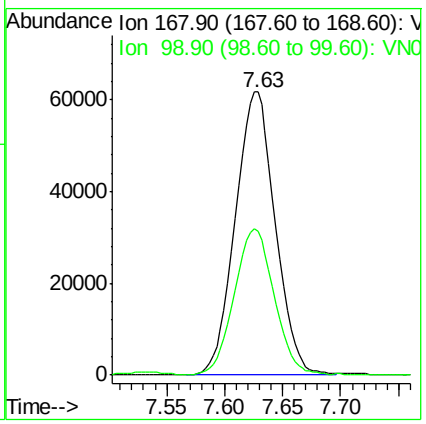


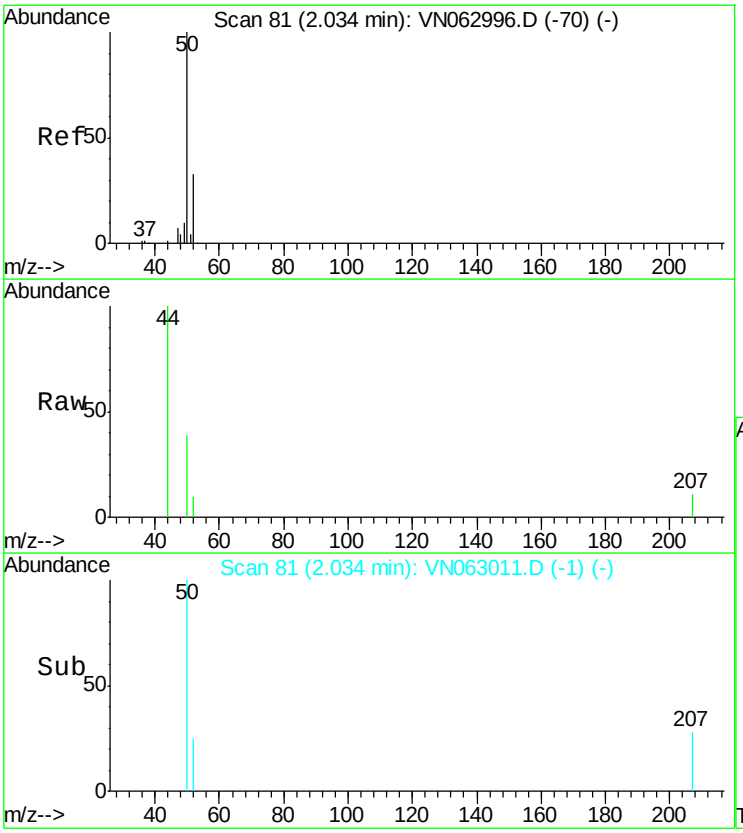
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion:168 Resp: 147702

Ion	Ratio	Lower	Upper
168	100		
99	50.9	42.0	63.0

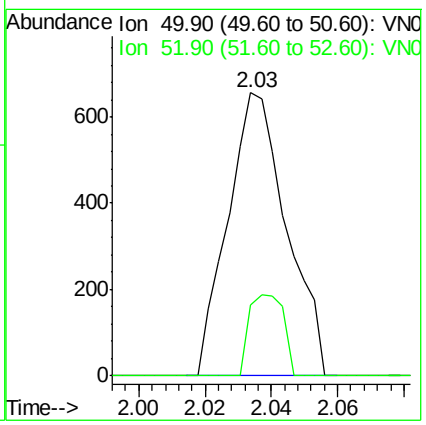


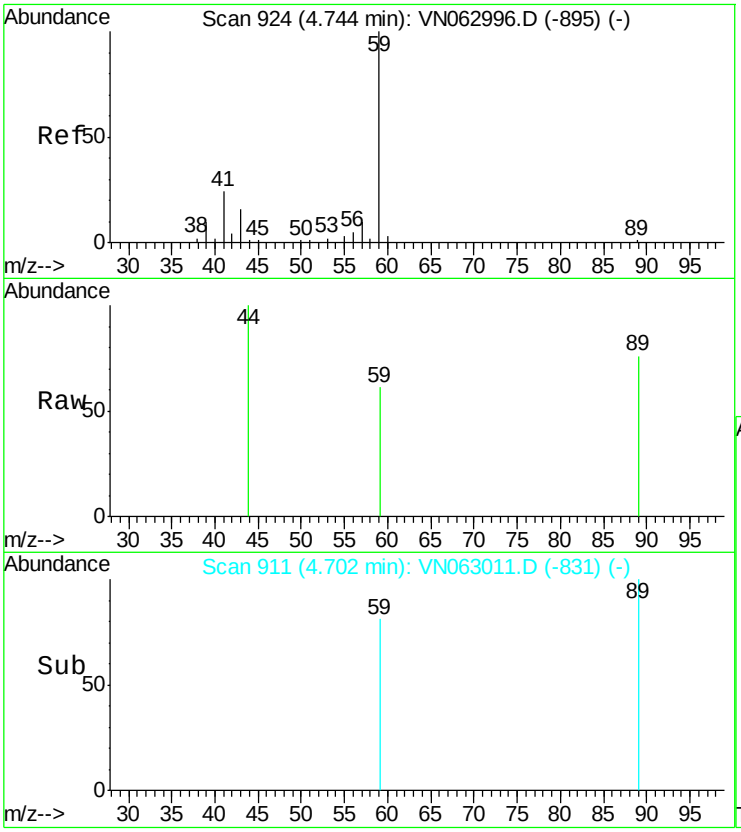


#3
Chloromethane
Concen: 0.399 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 50 Resp: 809

Ion	Ratio	Lower	Upper
50	100		
52	25.2	26.0	39.0#



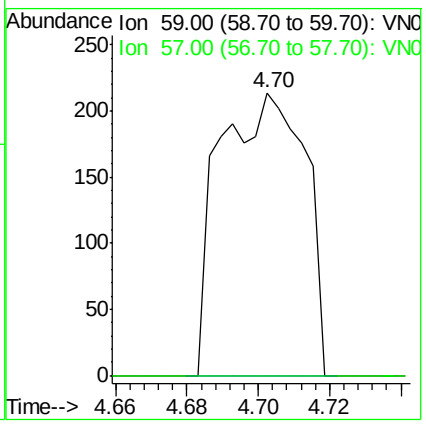


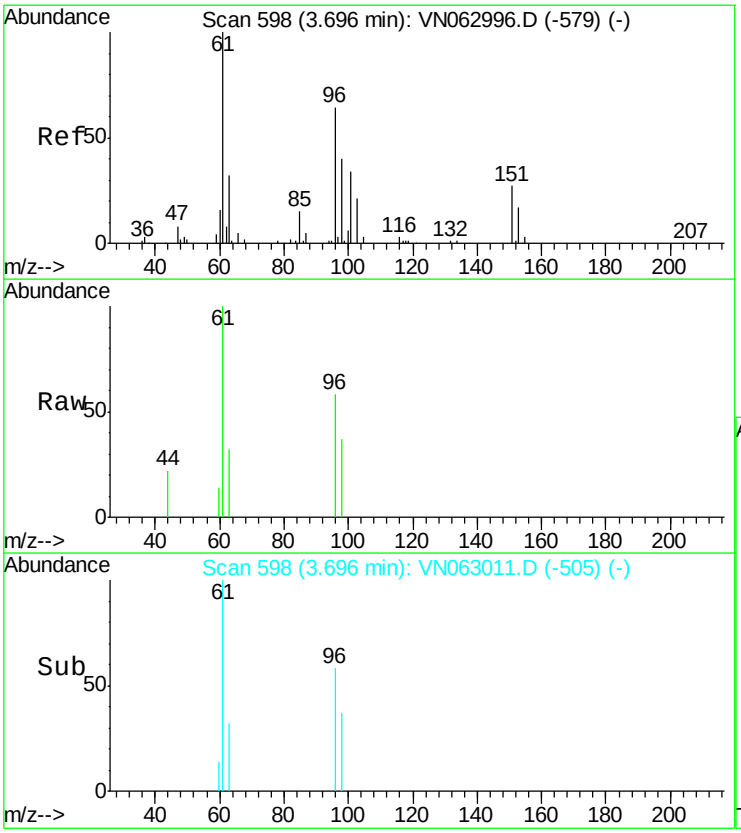
#11
Tert butyl alcohol
Concen: 1.424 ug/l
RT: 4.70 min Scan# 911
Delta R.T. -0.04 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 59 Resp: 353

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

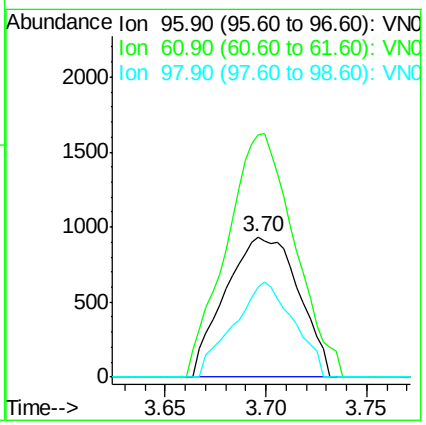


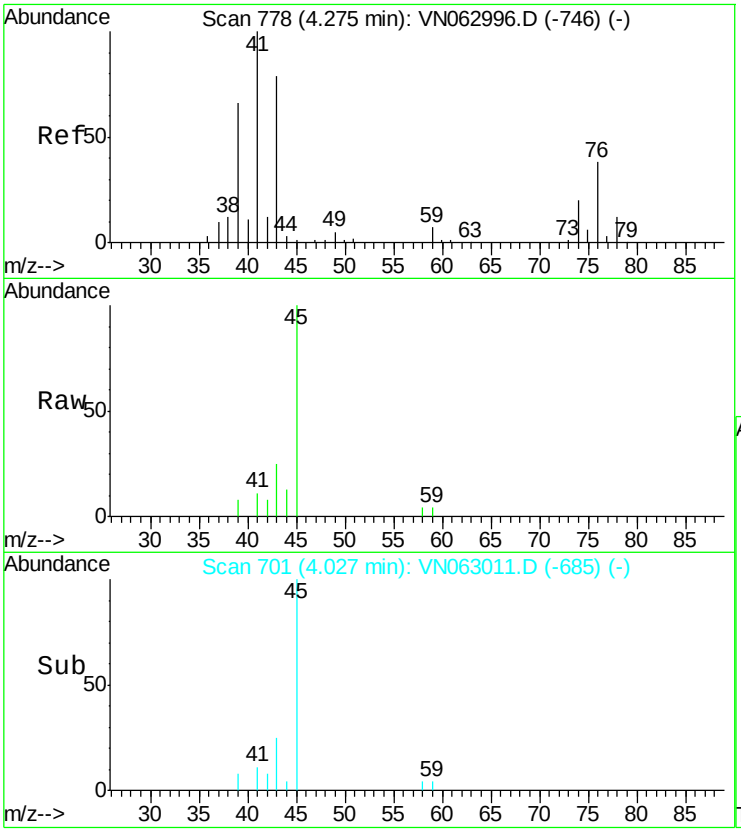


#12
1,1-Dichloroethene
Concen: 1.887 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 96 Resp: 2366

Ion	Ratio	Lower	Upper
96	100		
61	172.6	125.5	188.3
98	64.4	50.4	75.6



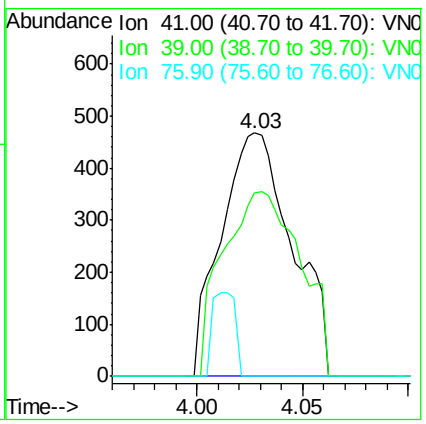


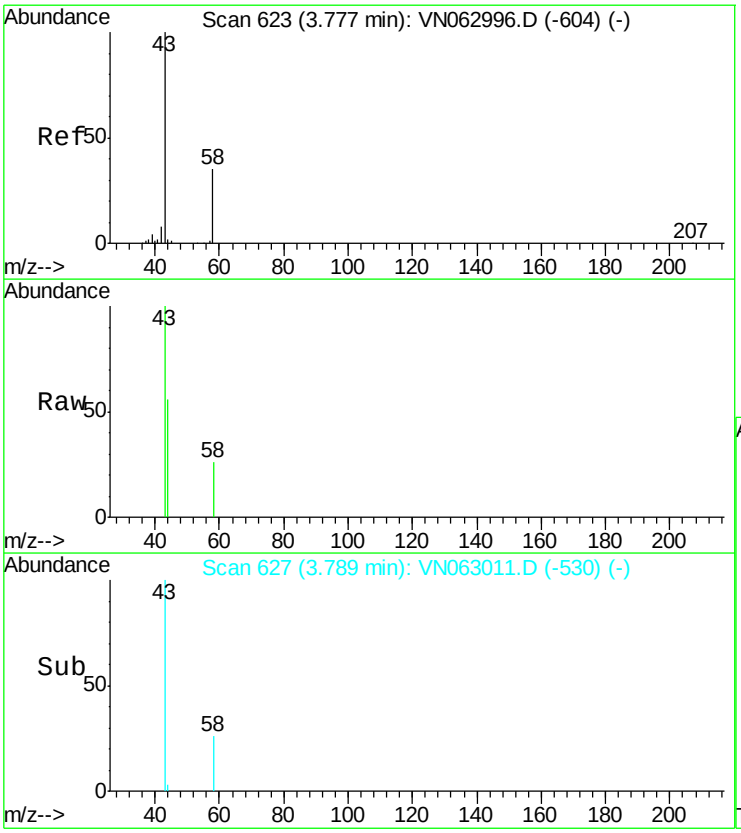
#14
Allyl chloride
Concen: 0.498 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.25 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 41 Resp: 1101

Ion	Ratio	Lower	Upper
41	100		
39	82.5	47.9	71.9#
76	10.9	27.0	40.6#

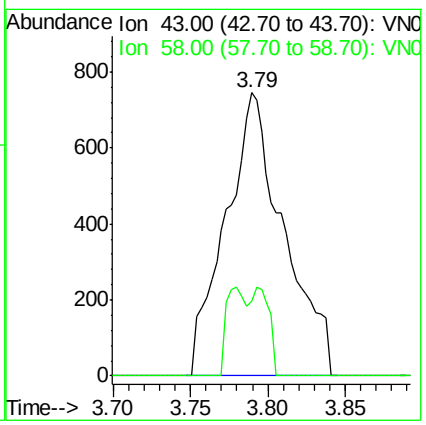


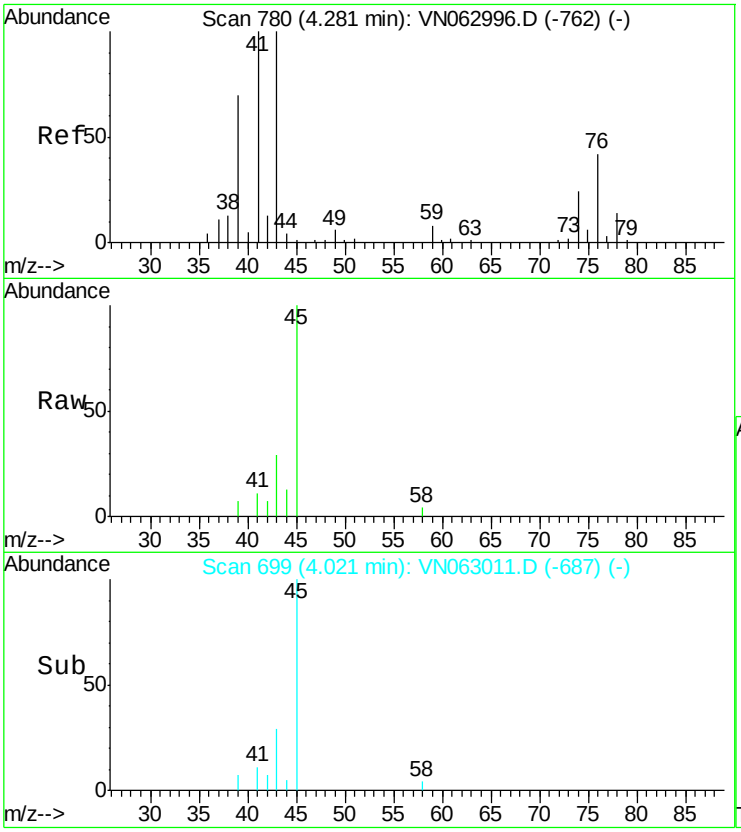


#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 43 Resp: 1949

Ion	Ratio	Lower	Upper
43	100		
58	26.3	27.8	41.6#



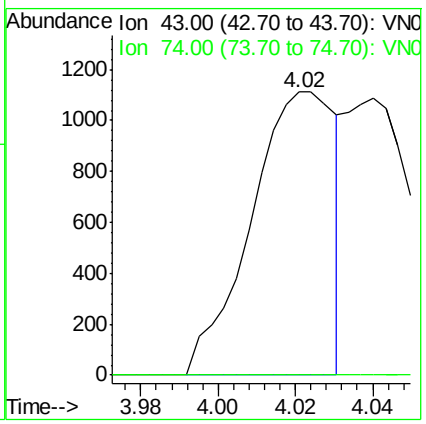


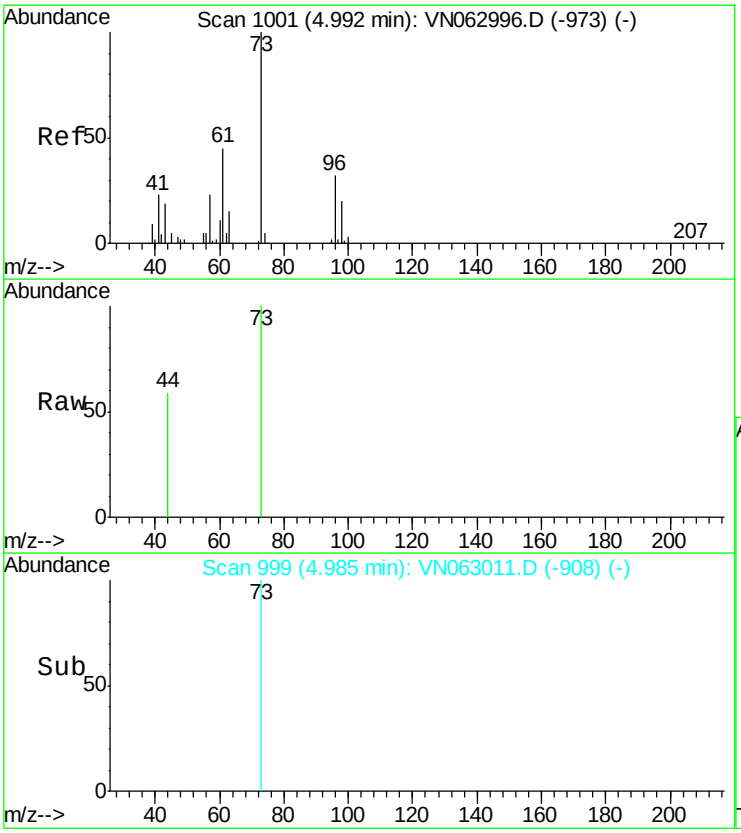
#18
Methyl Acetate
Concen: 0.965 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.26 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 43 Resp: 1678

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

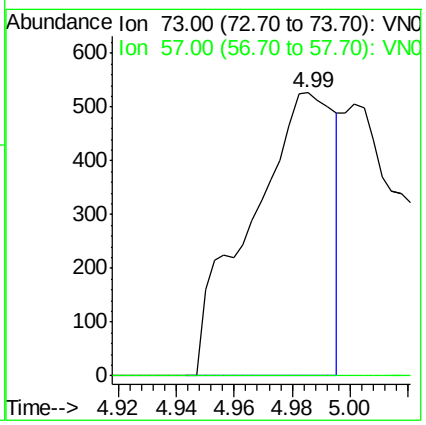


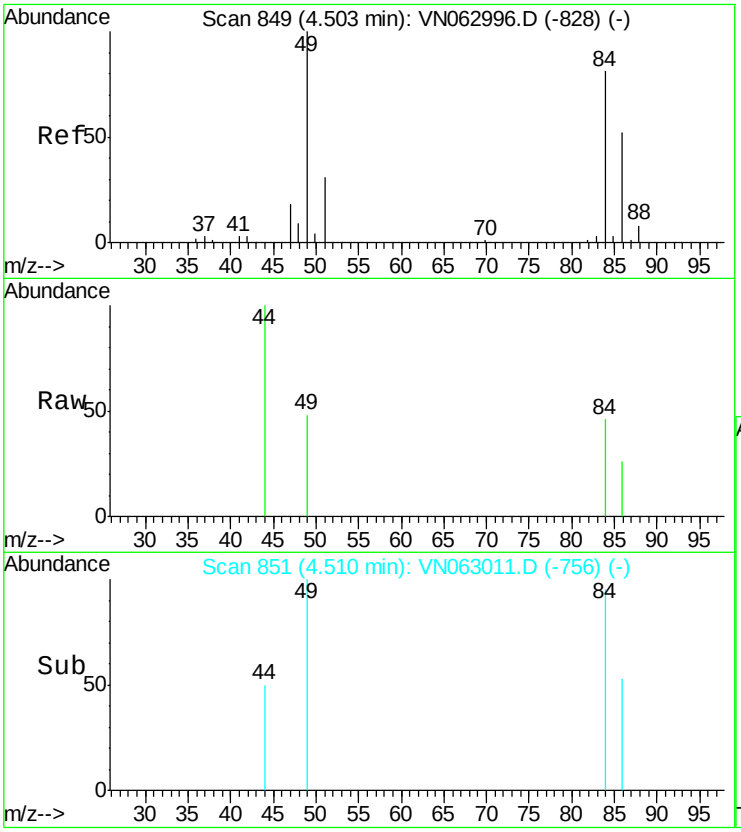


#19
Methyl tert-butyl Ether
Concen: 0.241 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 73 Resp: 1054

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.1	27.1#



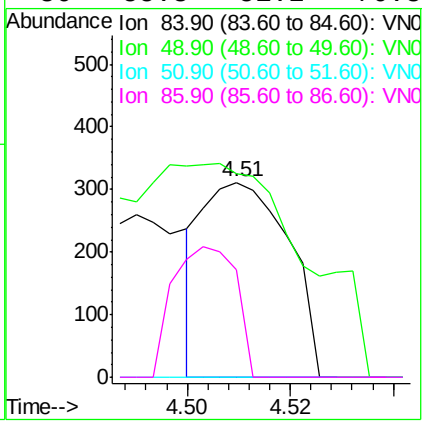


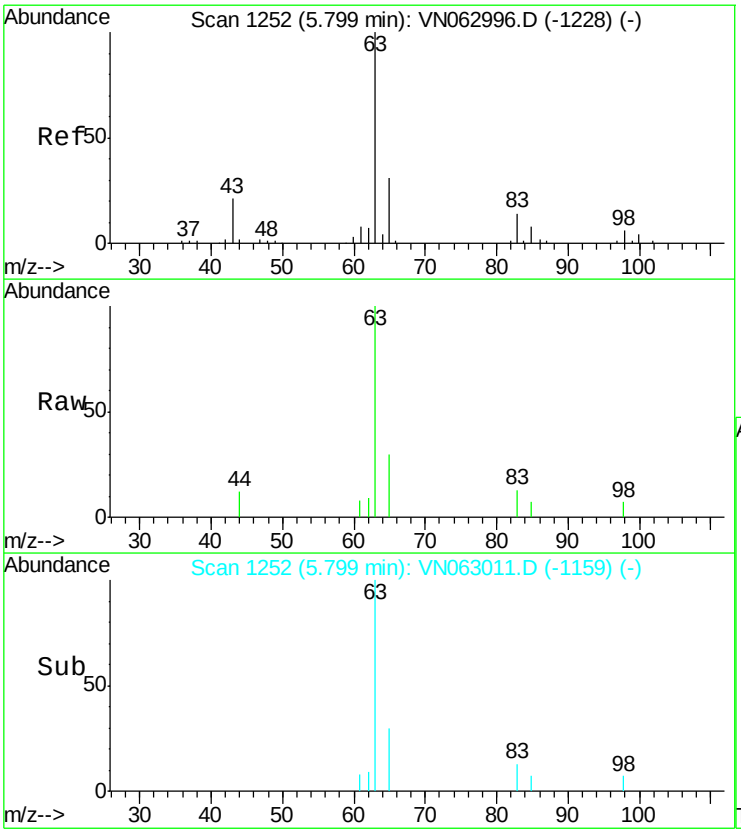
#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 84 Resp: 358

Ion	Ratio	Lower	Upper
84	100		
49	51.1	98.7	148.1#
51	0.0	30.8	46.2#
86	55.3	51.2	76.8

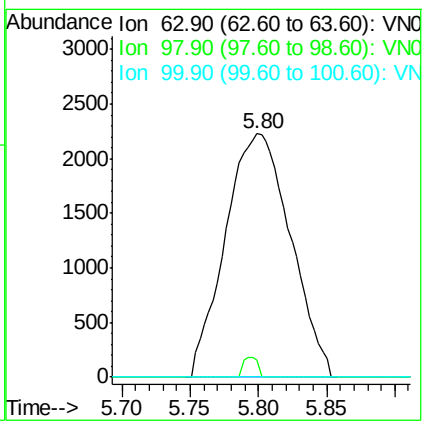


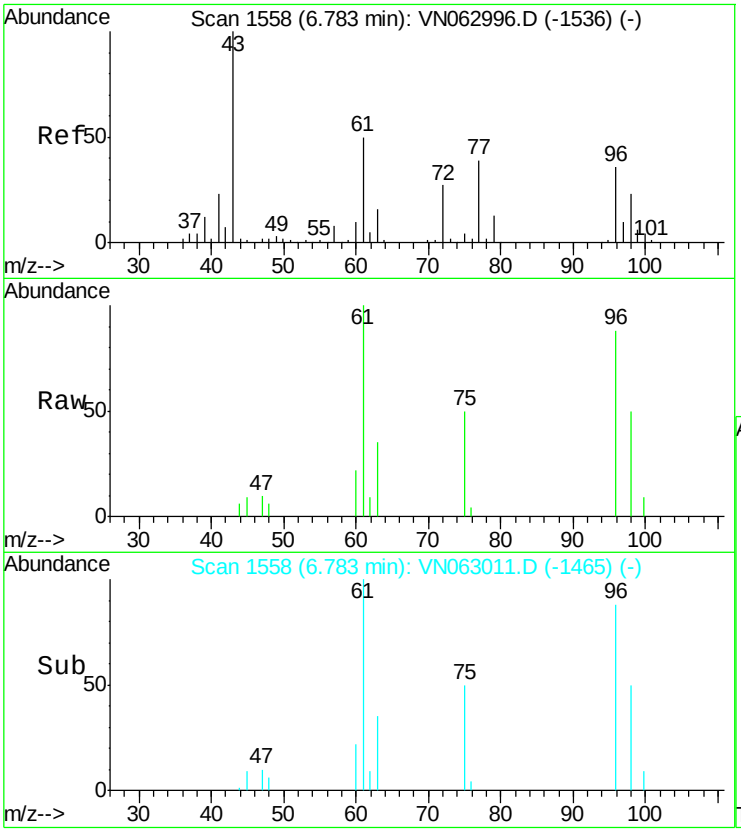


#24
1,1-Dichloroethane
Concen: 2.637 ug/l
RT: 5.80 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 63 Resp: 7391

Ion	Ratio	Lower	Upper
63	100		
98	7.2	2.9	8.7
100	0.0	2.0	5.8#



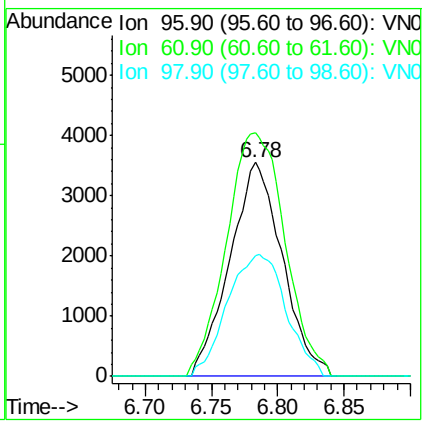


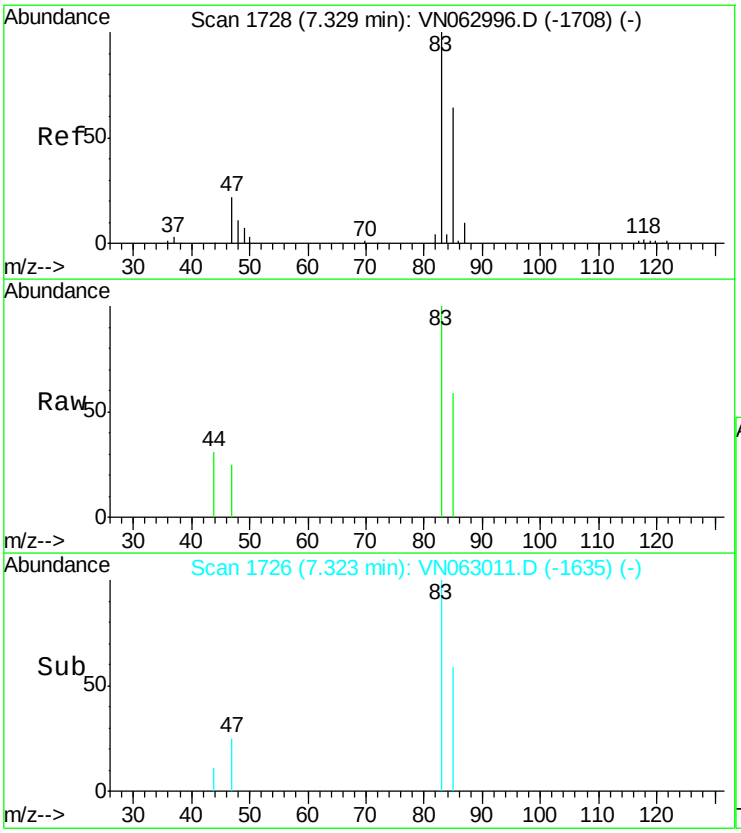
#27
cis-1,2-Dichloroethene
Concen: 5.974 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 96 Resp: 9824

Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	292.8
98	63.6	0.0	130.6

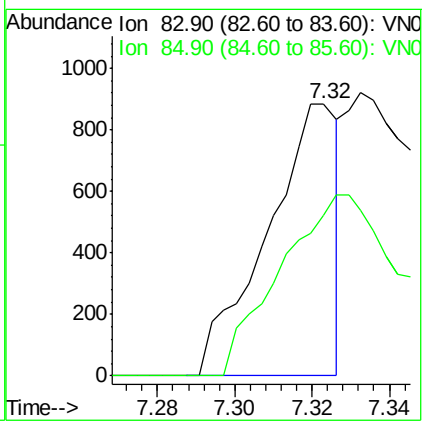


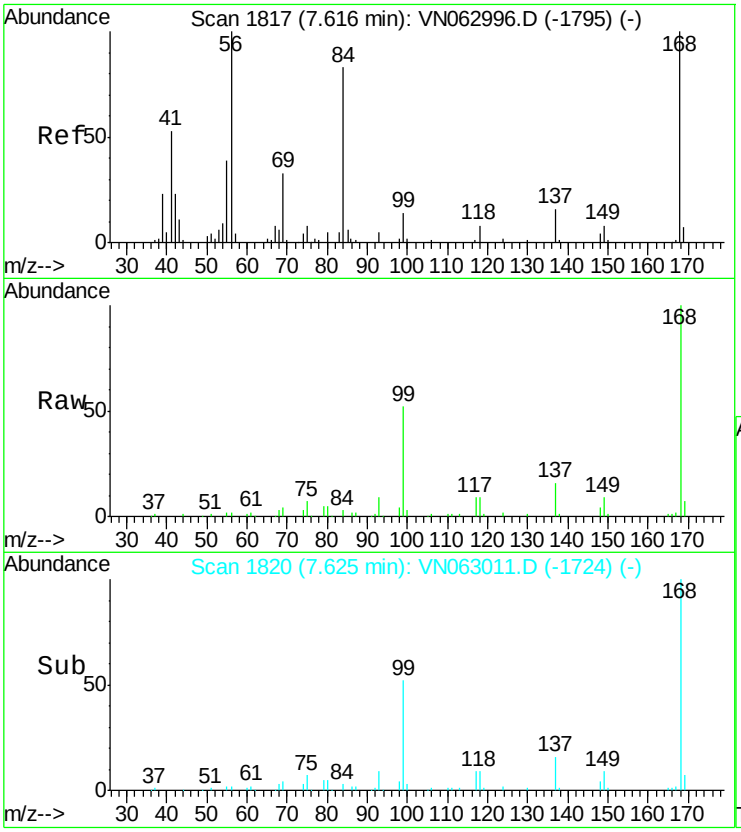


#30
Chloroform
Concen: 0.397 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 83 Resp: 1121

Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.5	77.3



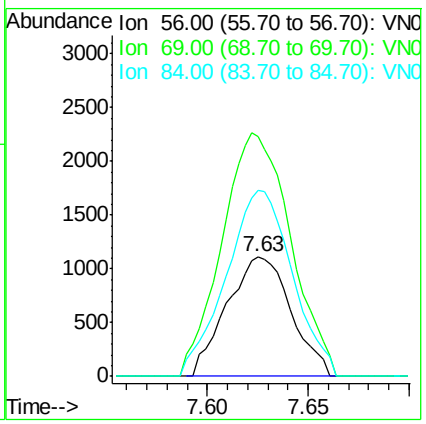


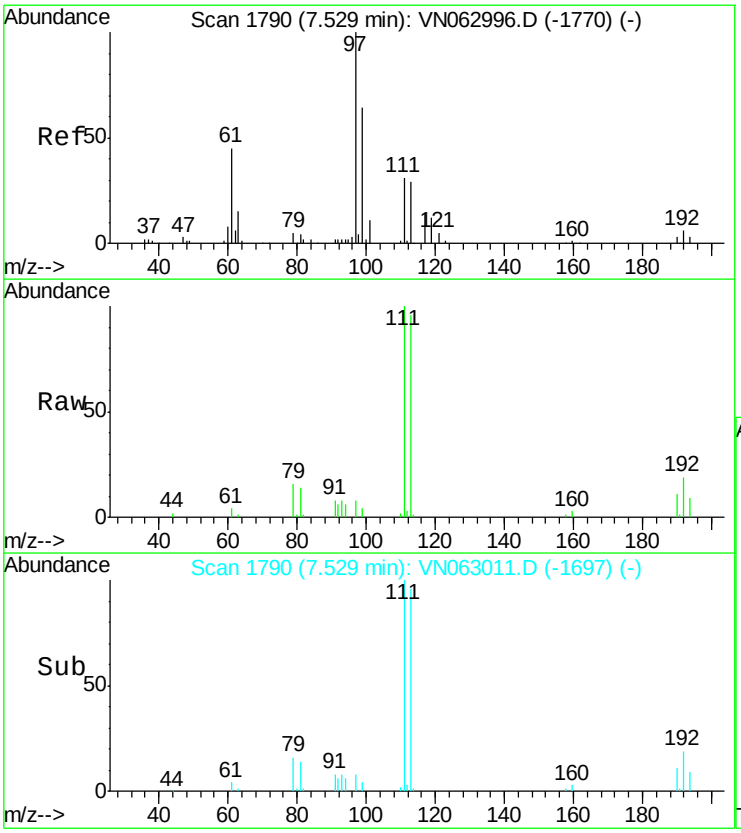
#31
Cyclohexane
Concen: 0.953 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 56 Resp: 2458

Ion	Ratio	Lower	Upper
56	100		
69	201.1	26.6	40.0#
84	155.2	66.4	99.6#

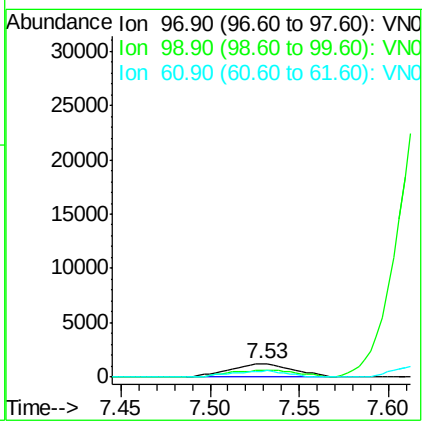


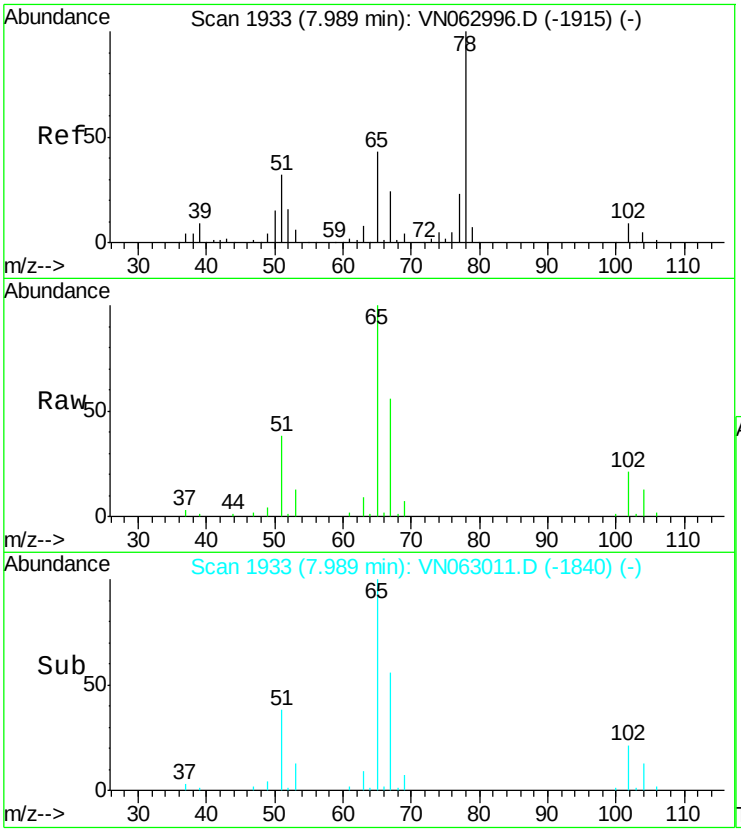


#32
1,1,1-Trichloroethane
Concen: 1.275 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 97 Resp: 2939

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	40.8	36.2	54.4



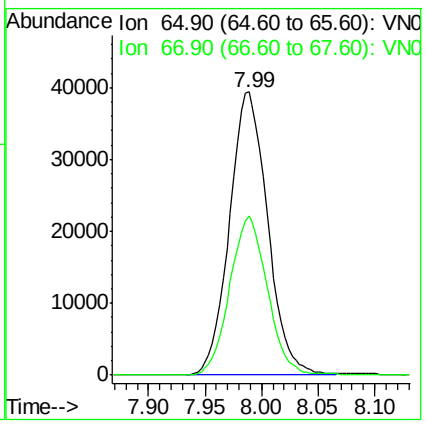


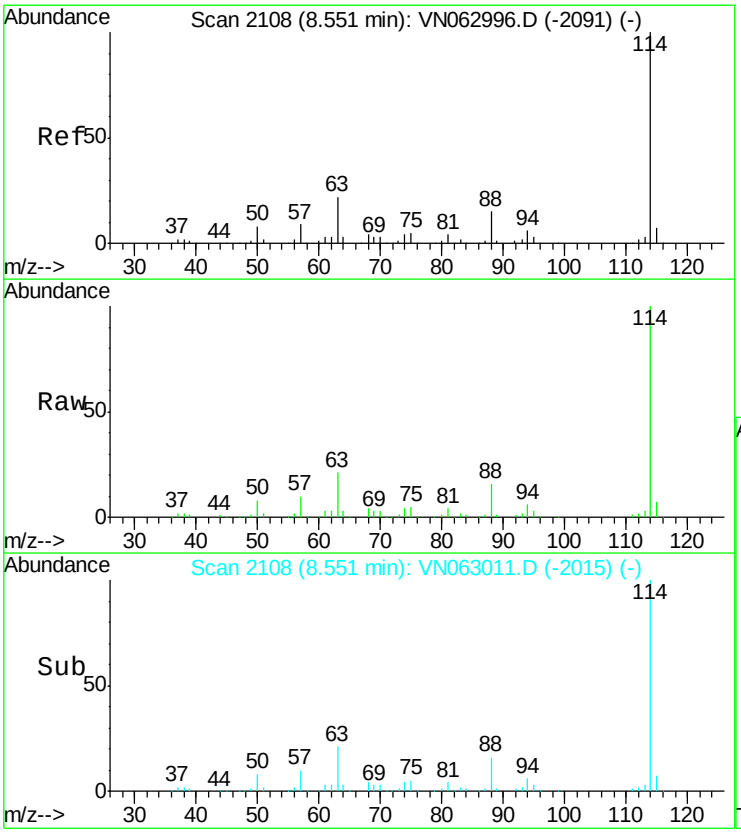
#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 65 Resp: 92461

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	112.0

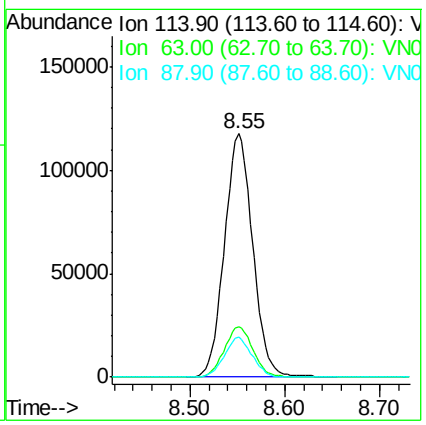


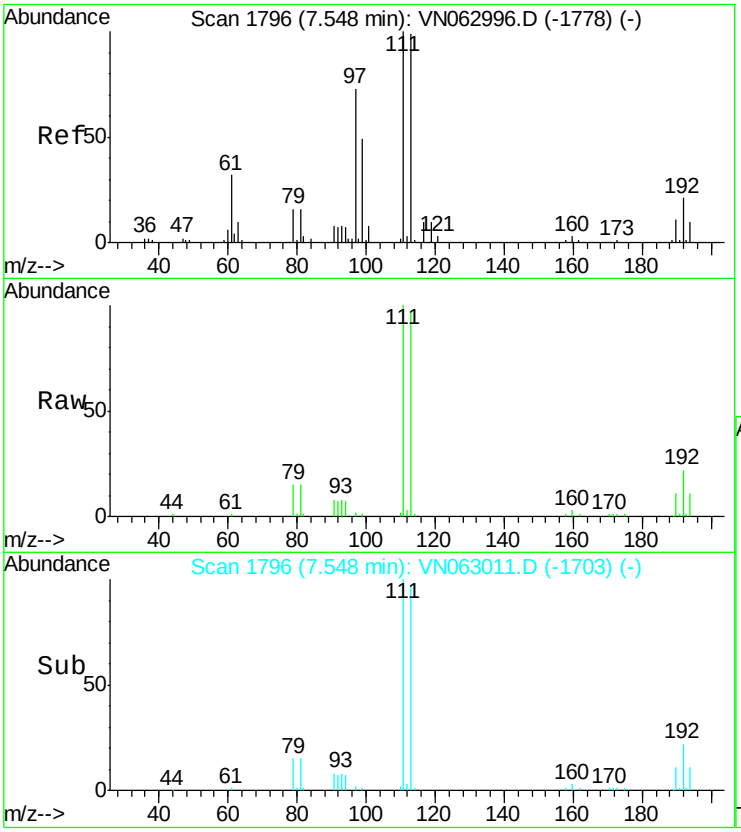


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion:114 Resp: 244651

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	16.4	0.0	30.6



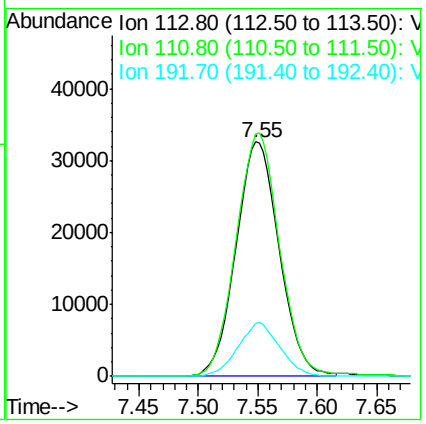


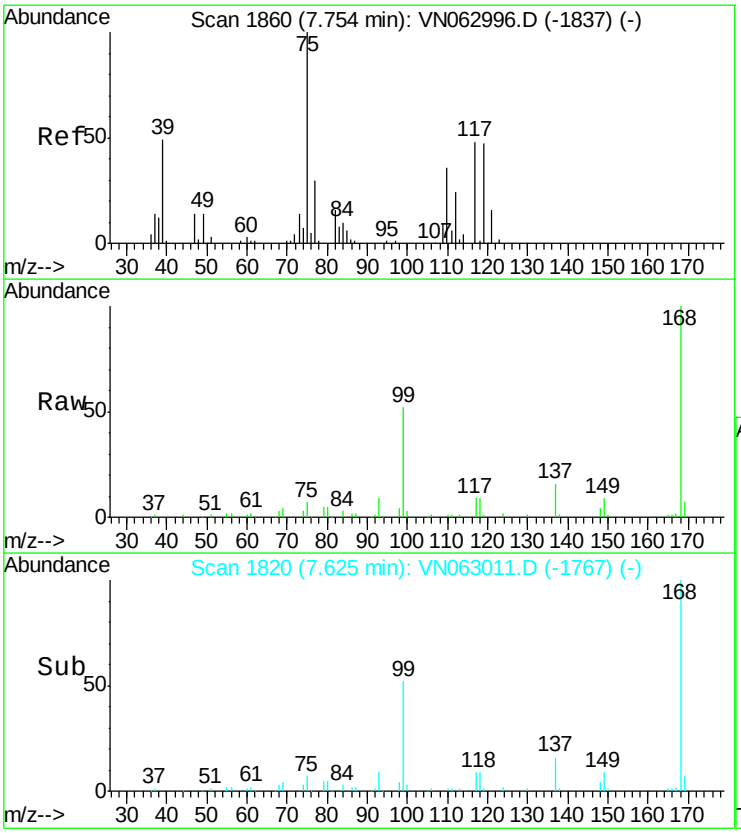
#35
Dibromofluoromethane
Concen: 51.506 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion:113 Resp: 82108

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.7	122.5
192	22.2	17.5	26.3

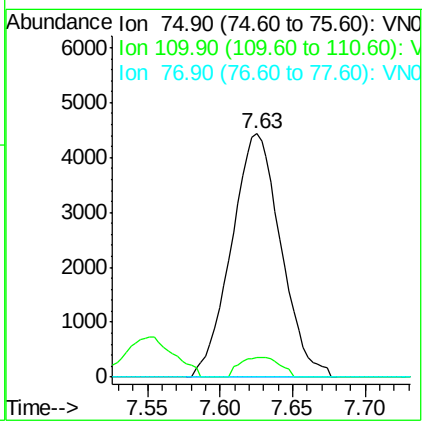


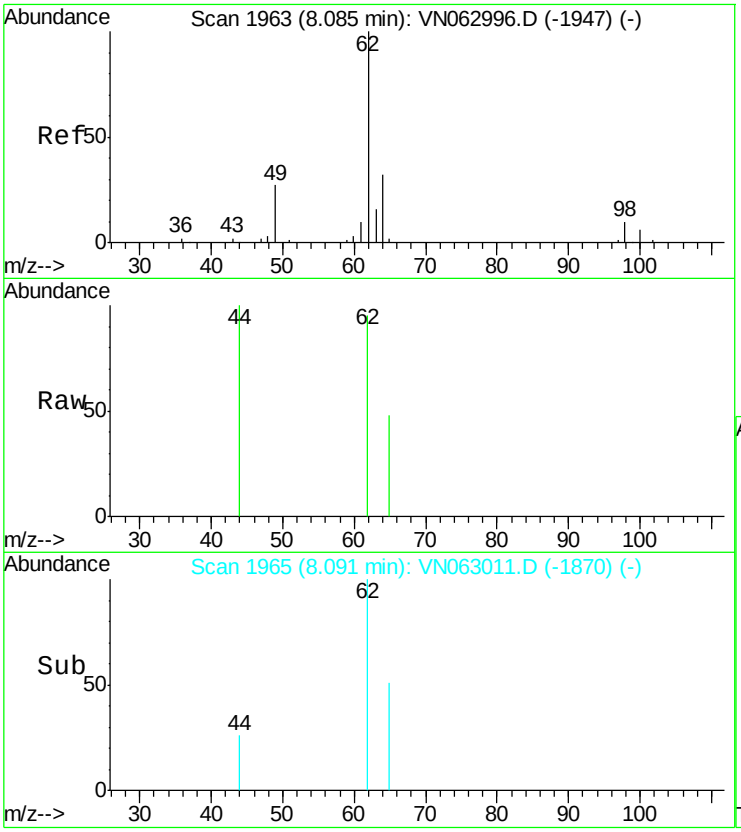


#36
1,1-Dichloropropene
Concen: 4.871 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 75 Resp: 10502

Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.5	52.6#
77	0.0	24.2	36.4#



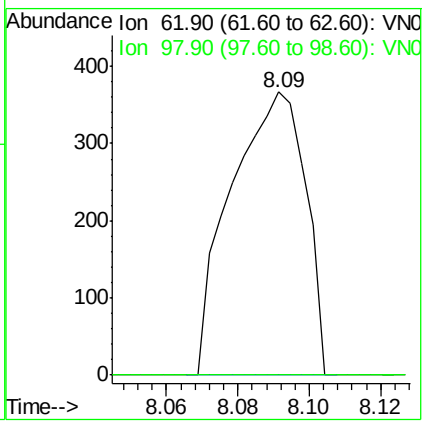


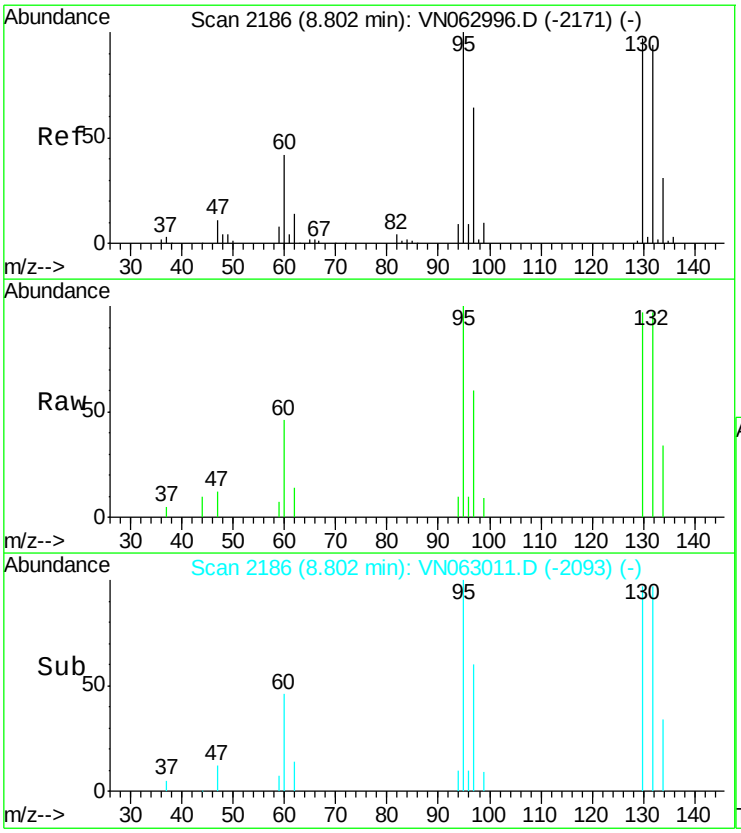
#42
1,2-Dichloroethane
Concen: 0.230 ug/l
RT: 8.09 min Scan# 1965
Delta R.T. 0.01 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 62 Resp: 527

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.4

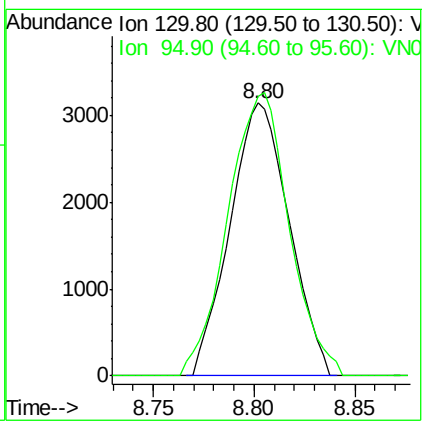


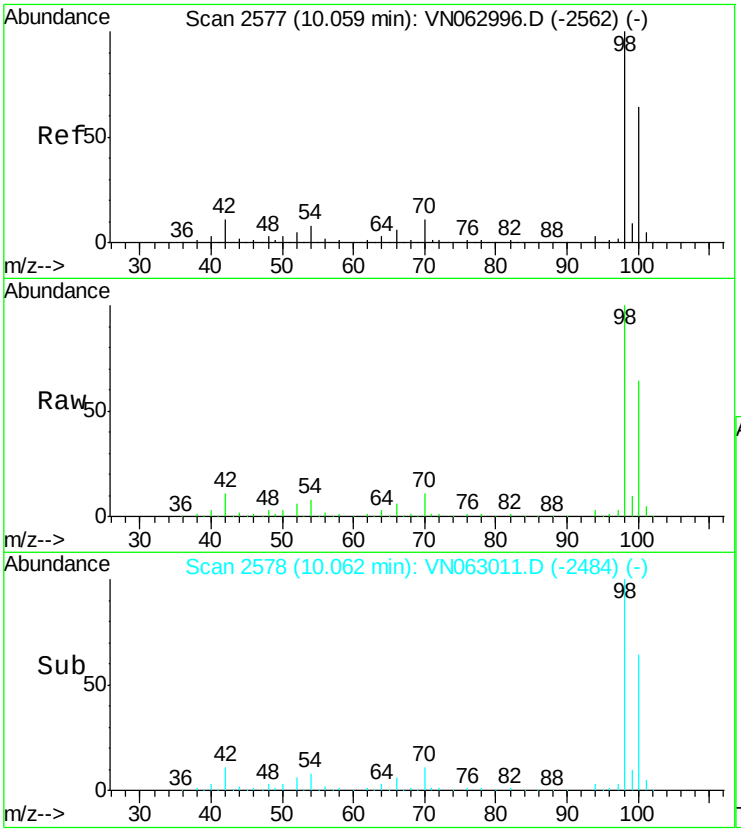


#44
Trichloroethene
Concen: 3.773 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion:130 Resp: 6417

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	205.6



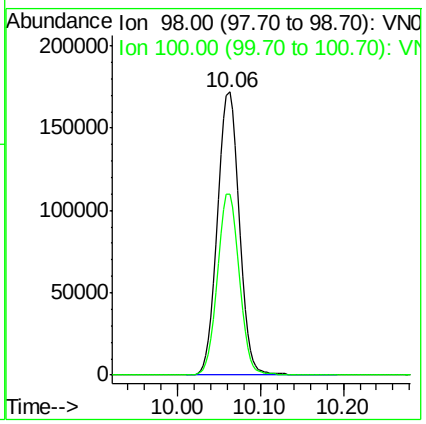


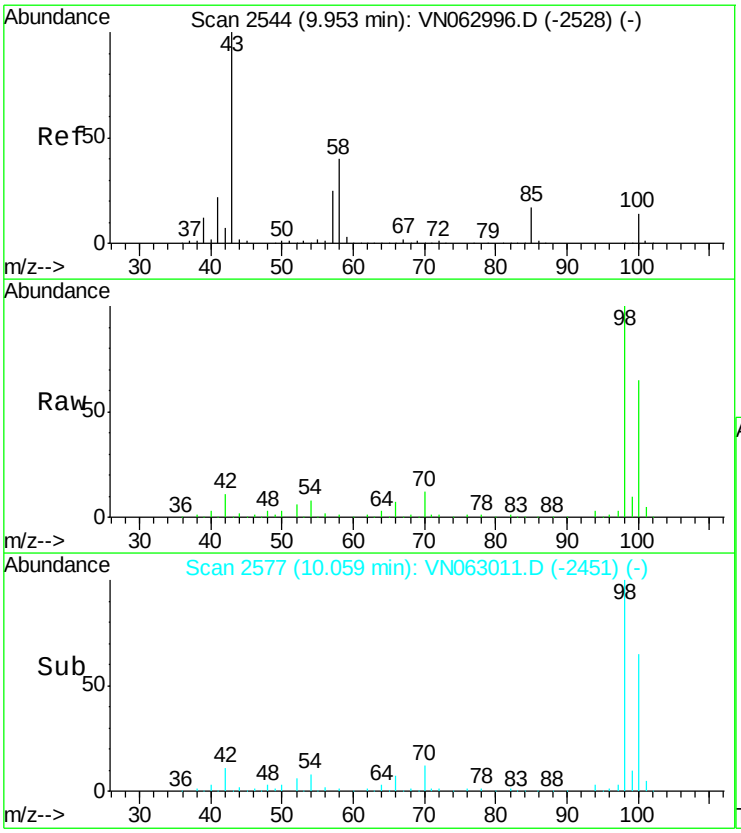
#50
Toluene-d8
Concen: 51.379 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 98 Resp: 314599

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8

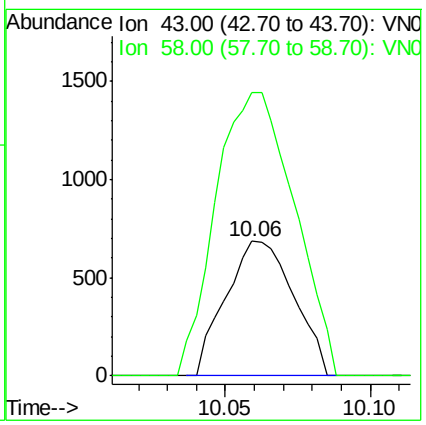


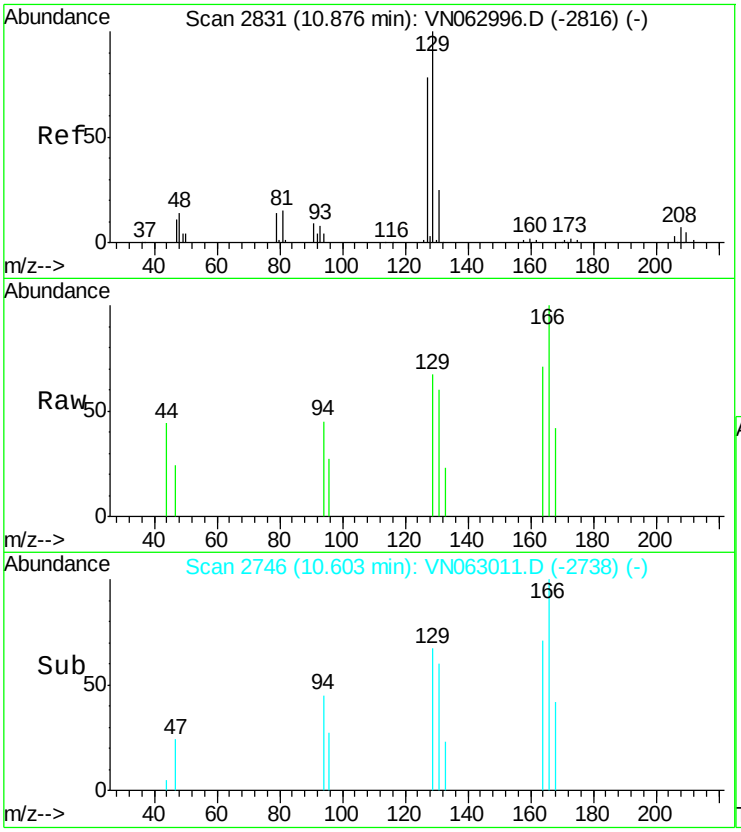


#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.11 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 43 Resp: 1118

Ion	Ratio	Lower	Upper
43	100		
58	242.7	32.2	48.2#



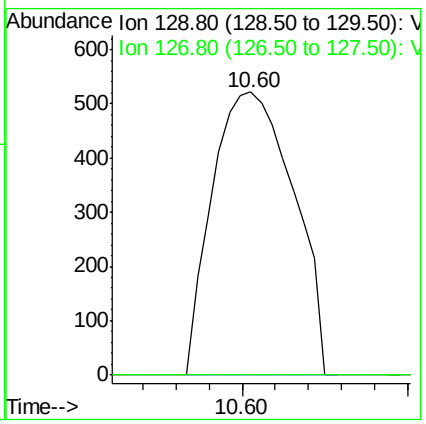


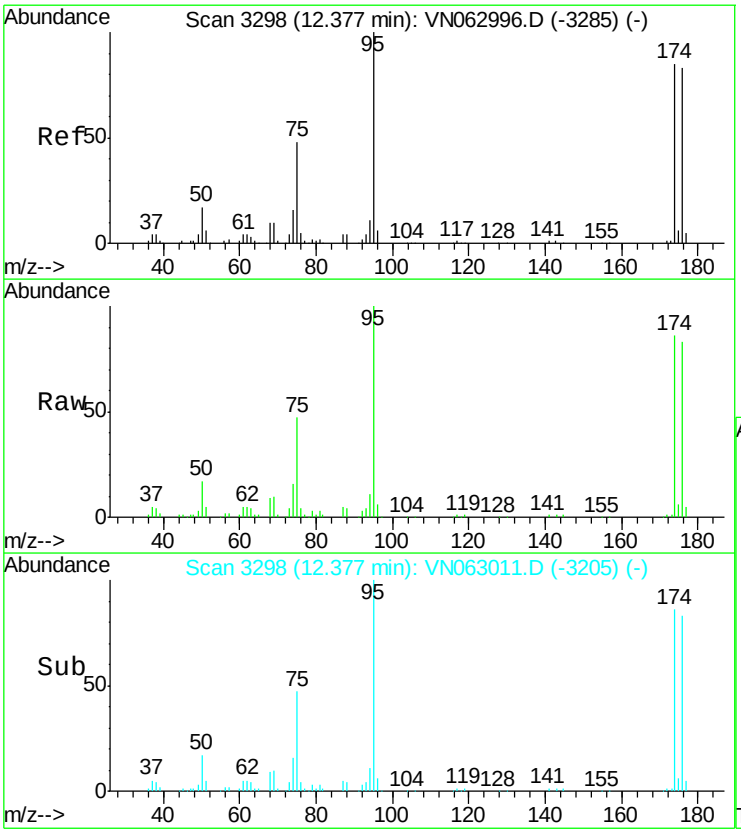
#60
Dibromochloromethane
Concen: 0.455 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.27 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion:129 Resp: 888

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

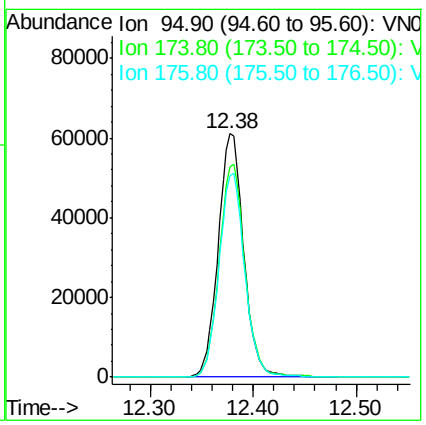


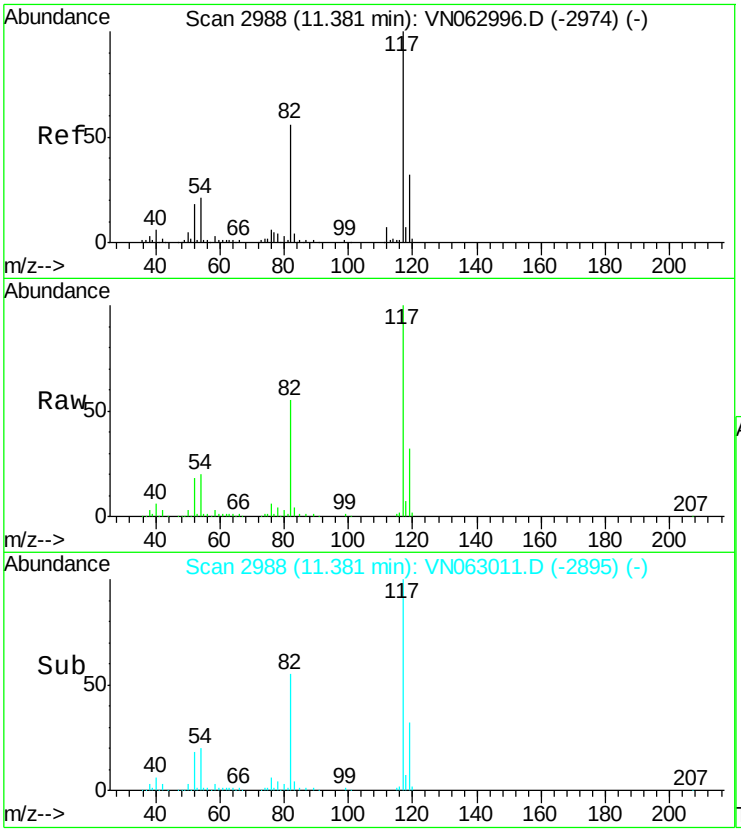


#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 95 Resp: 105356

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	170.8
176	84.1	0.0	164.8



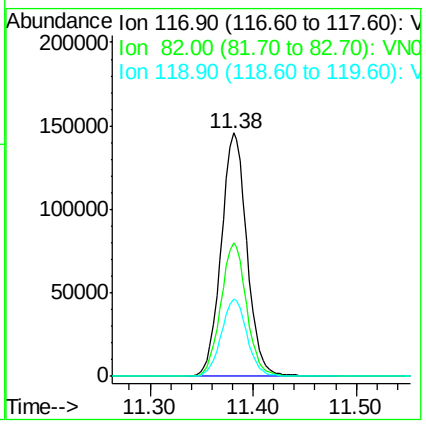


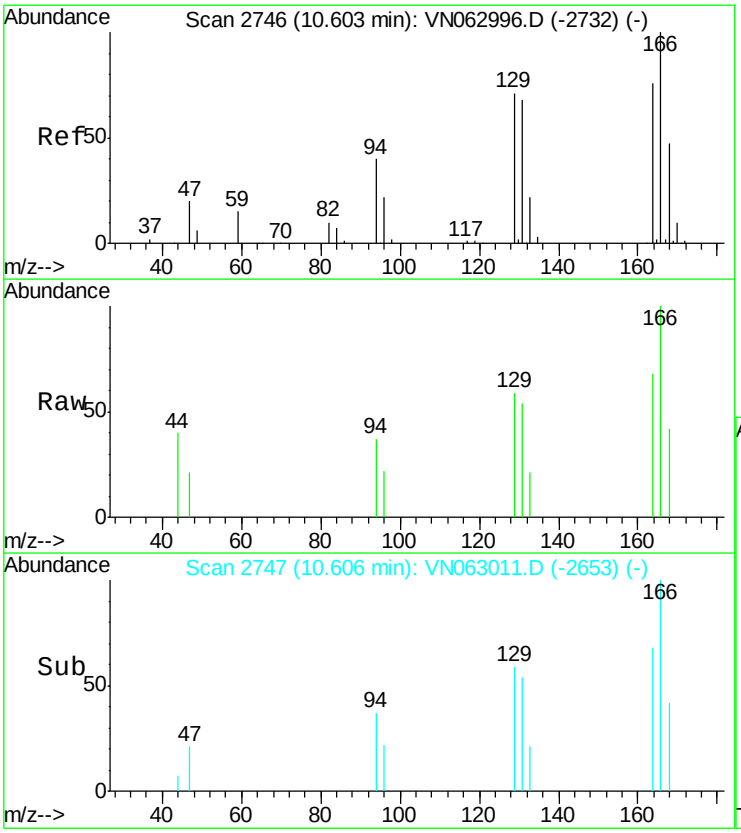
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument : MSVOA_N
ClientSampleId : BP-VPB181-DUP-20200812

Tgt Ion:117 Resp: 253171

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.5	66.7
119	31.6	25.5	38.3

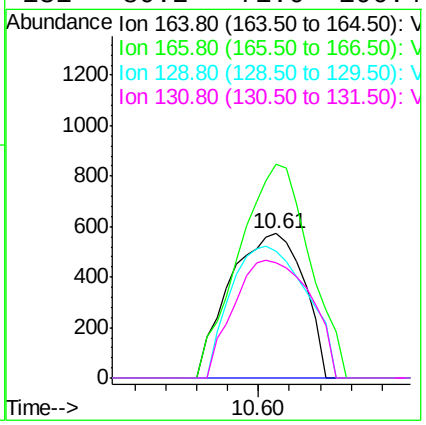


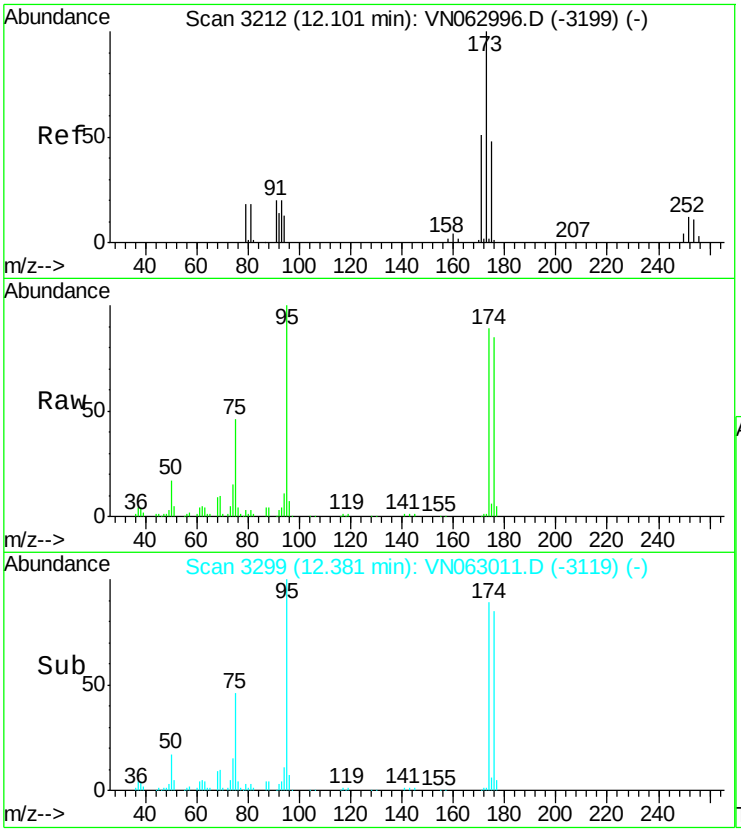


#64
Tetrachloroethene
Concen: 0.571 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion:164 Resp: 951

Ion	Ratio	Lower	Upper
164	100		
166	147.9	105.0	157.6
129	87.6	74.7	112.1
131	80.2	71.0	106.4



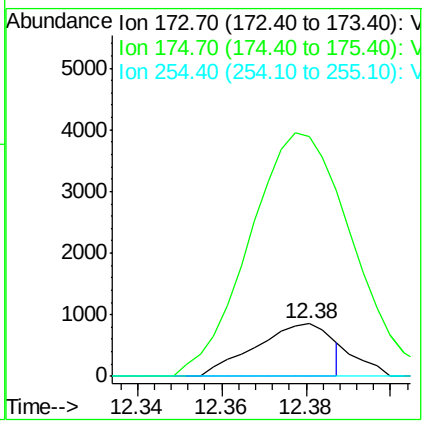


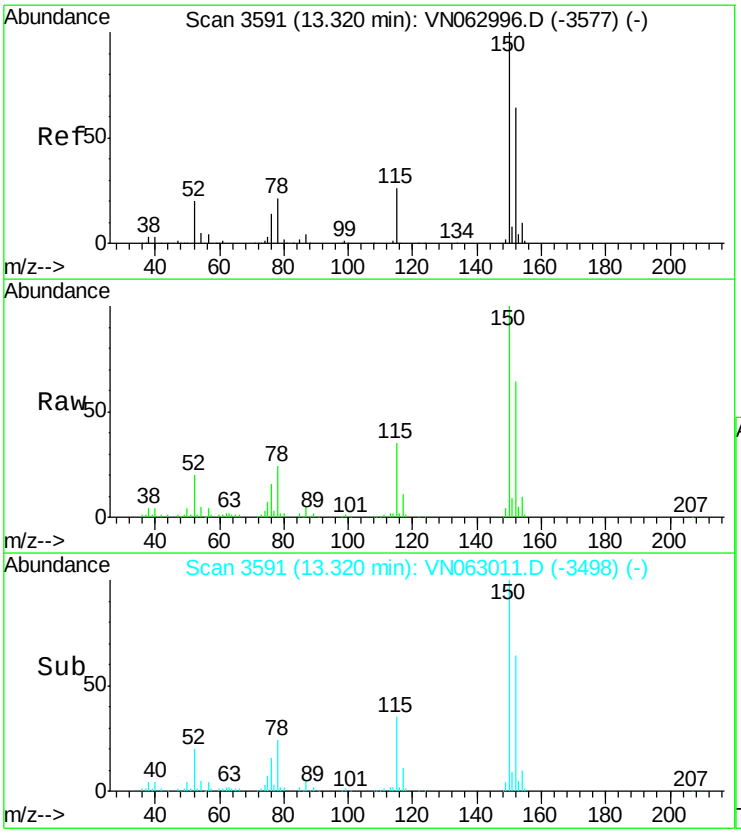
#71
Bromoform
Concen: 0.680 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion:173 Resp: 1071

Ion	Ratio	Lower	Upper
173	100		
175	503.2	24.3	72.8#
254	0.0	0.0	0.0

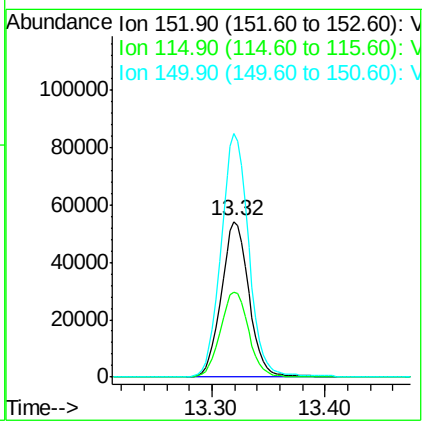


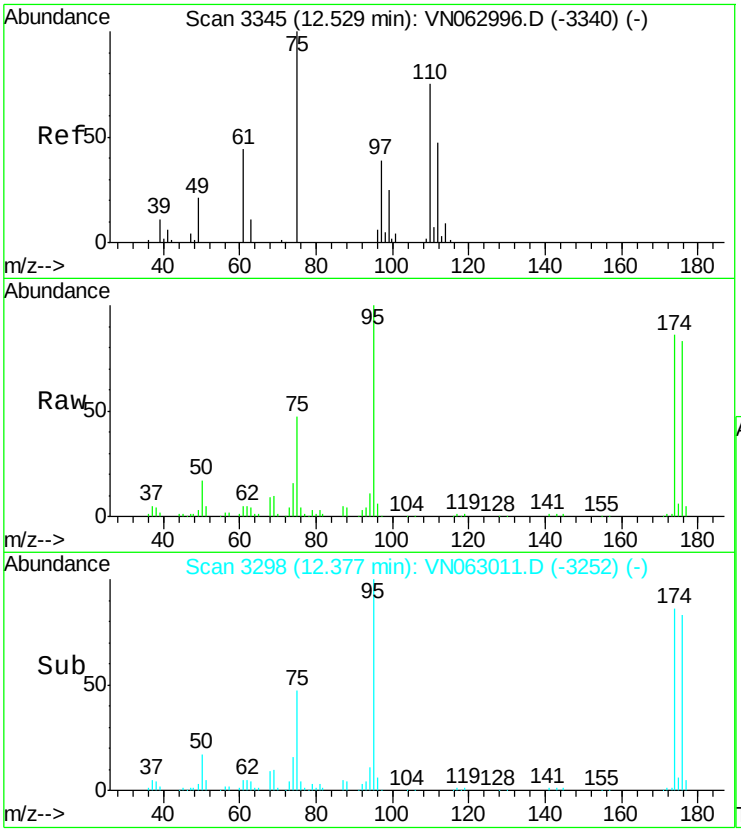


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion:152 Resp: 92762

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.7	86.3
150	156.6	0.0	348.8



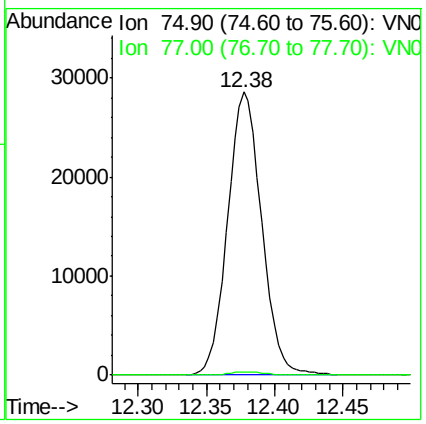


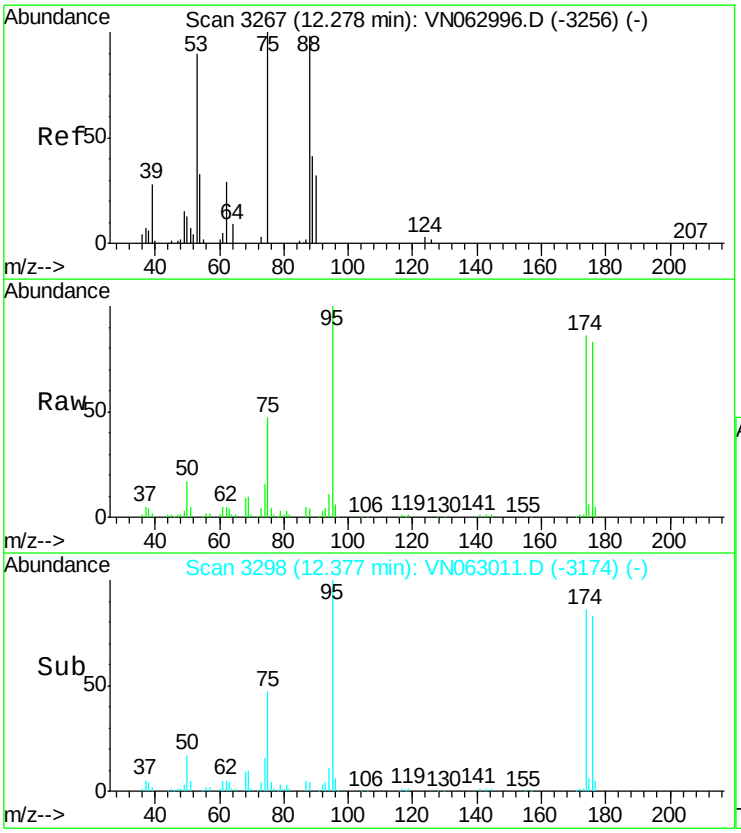
#76
1,2,3-Trichloropropane
Concen: 27.429 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 75 Resp: 49456

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

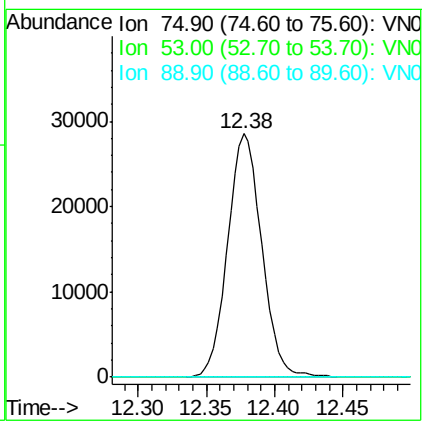


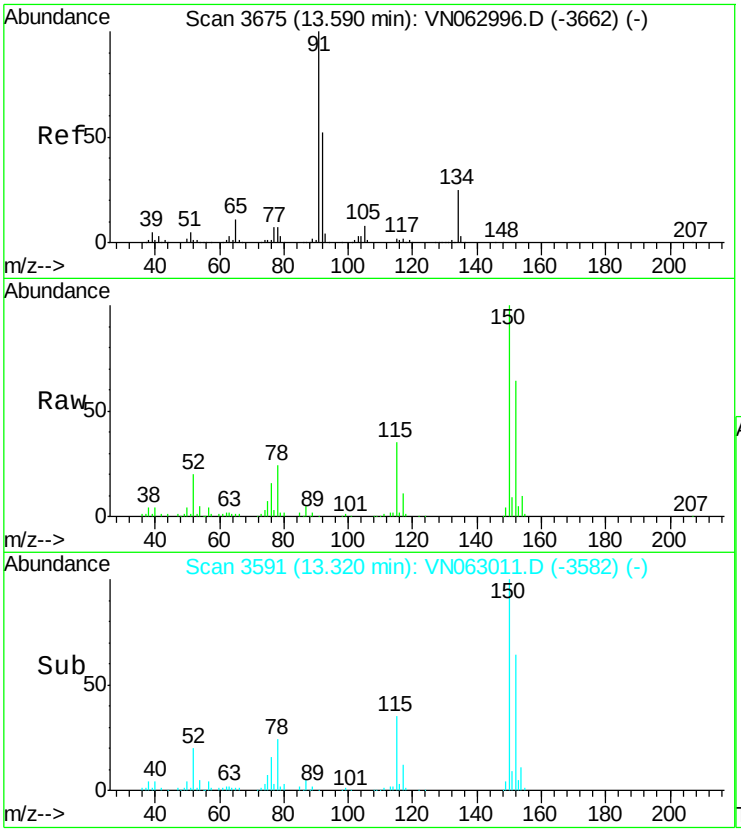


#81
trans-1,4-Dichloro-2-butene
Concen: 75.331 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Tgt Ion: 75 Resp: 49456

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.2	103.8#
89	0.0	34.2	51.4#





#89
n-Butylbenzene
Concen: 2.795 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.27 min
Lab File: VN063011.D
Acq: 19 Aug 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-DUP-20200812

Tgt Ion: 91 Resp: 130

Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.9	77.6#
134	0.0	12.4	37.0#