Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\
Data File : VN063005.D
Acq On : 19 Aug 2020 11:40
Operator : JC/MD
Sample : L3722-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : GW-02

Quant Time: Aug 19 13:40:41 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	154788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101416	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.56%			
35) Dibromofluoromethane	7.55	113	87124	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.50%			
50) Toluene-d8	10.06	98	327976	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.40%			
62) 4-Bromofluorobenzene	12.38	95	111778	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	785	0.370	ug/l	95
11) Tert butyl alcohol	4.70	59	901	3.467	ug/l #	74
14) Allyl chloride	4.01	41	1367	0.590	ug/l #	1
16) Acetone	3.79	43	7953	10.138	ug/l	96
17) Carbon Disulfide	4.01	76	4233	1.230	ug/l #	76
18) Methyl Acetate	4.02	43	4283	2.349	ug/l #	52
20) Methylene Chloride	4.50	84	940	Below Cal	#	79
25) 2-Butanone	6.81	43	1993	2.046	ug/l #	48
31) Cyclohexane	7.63	56	2969	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11345	5.030	ug/l #	49
37) Ethyl Acetate	6.81	43	1993	0.943	ug/l #	68
38) Carbon Tetrachloride	7.63	117	13745	6.037	ug/l #	17
48) Methyl methacrylate	9.14	41	483	0.292	ug/l #	21
51) 4-Methyl-2-Pentanone	9.96	43	4012	1.813	ug/l	90
70) Styrene	11.94	104	241	1.960	ug/l #	26
71) Bromoform	12.38	173	1016	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	53073	28.260	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53073	77.616	ug/l #	15
89) n-Butylbenzene	13.60	91	265	2.818	ug/l #	34
95) Naphthalene	15.12	128	564	5.772	ug/l #	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\
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Acq On : 19 Aug 2020 11:40
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Quant Time: Aug 19 13:40:41 2020
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Quant Title : SW846 8260
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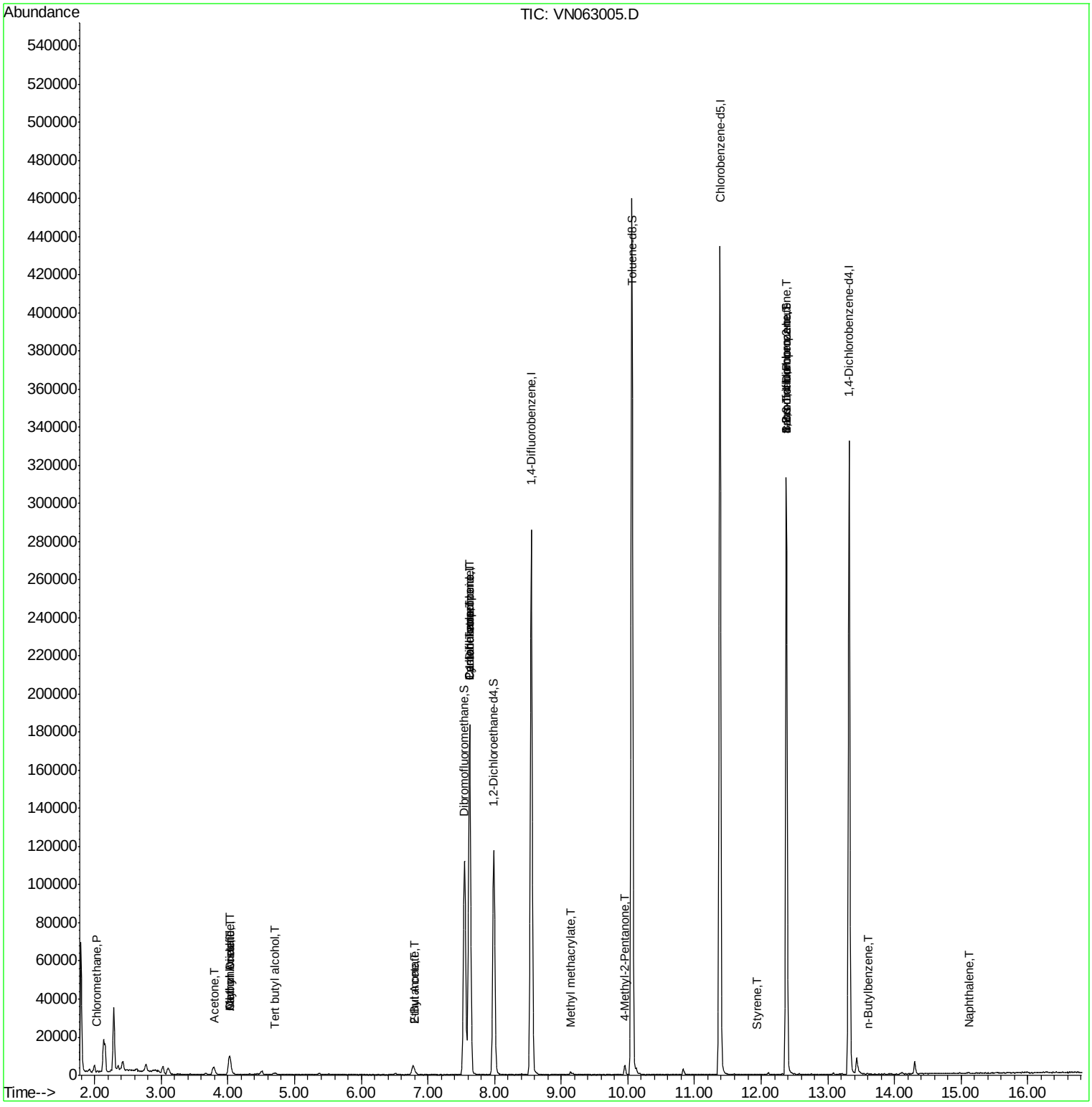
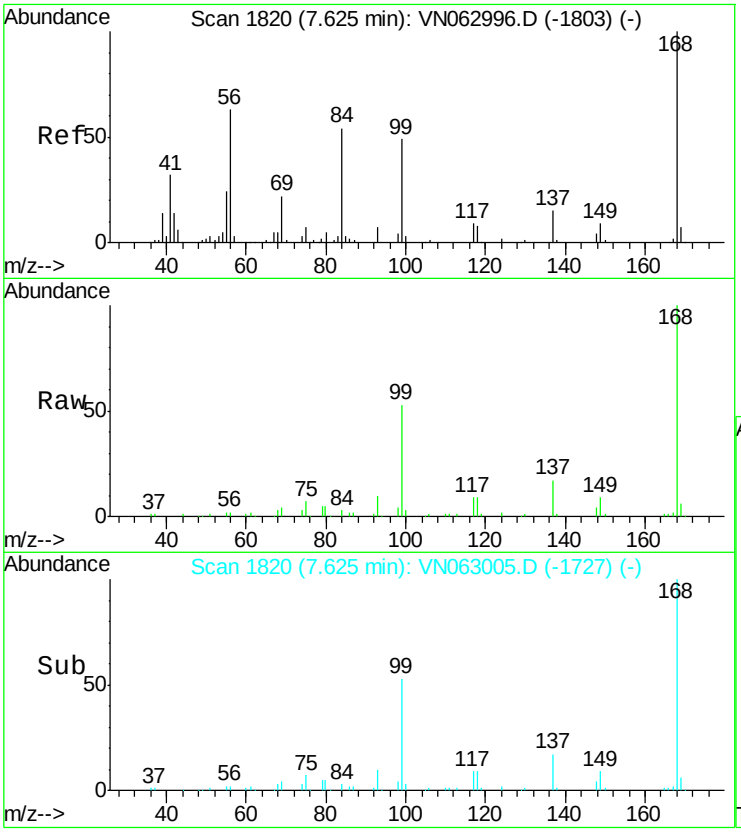
Response via : Initial Calibration



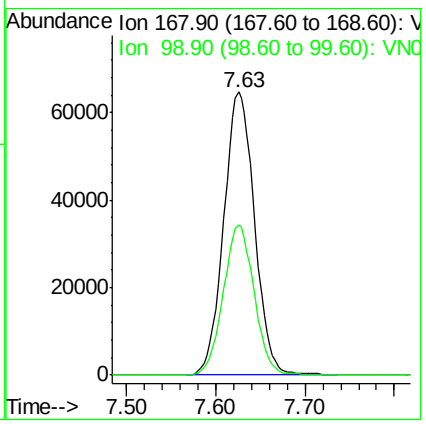


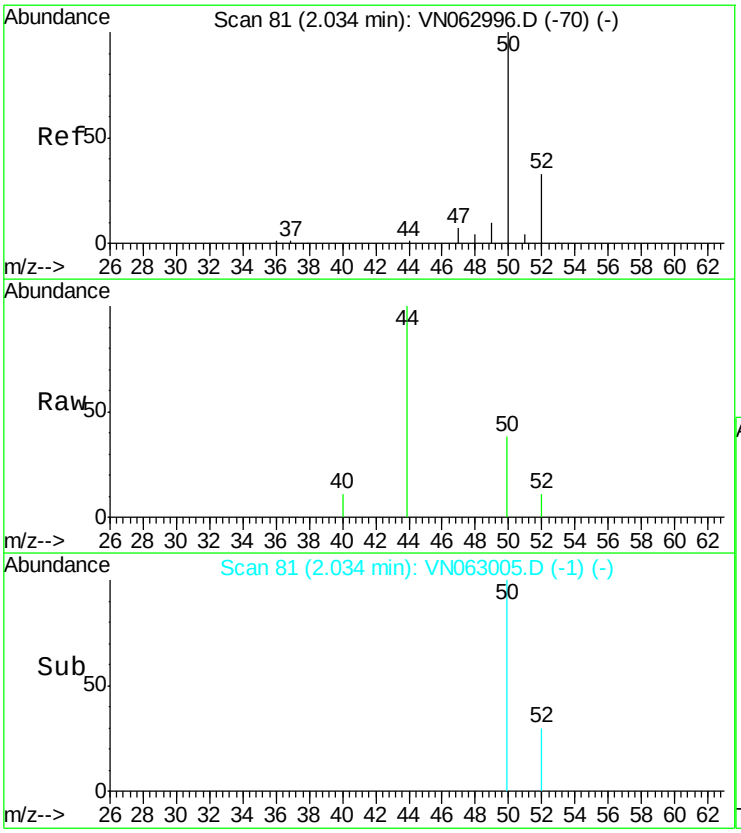
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion:168 Resp: 154788

Ion	Ratio	Lower	Upper
168	100		
99	53.2	42.0	63.0

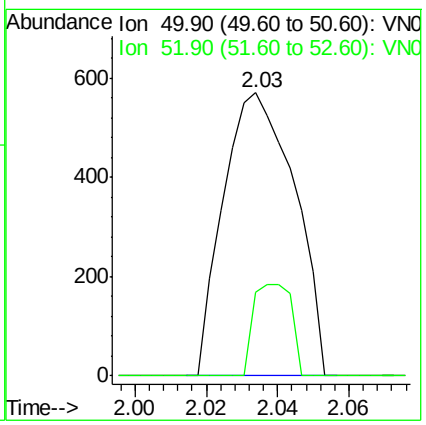


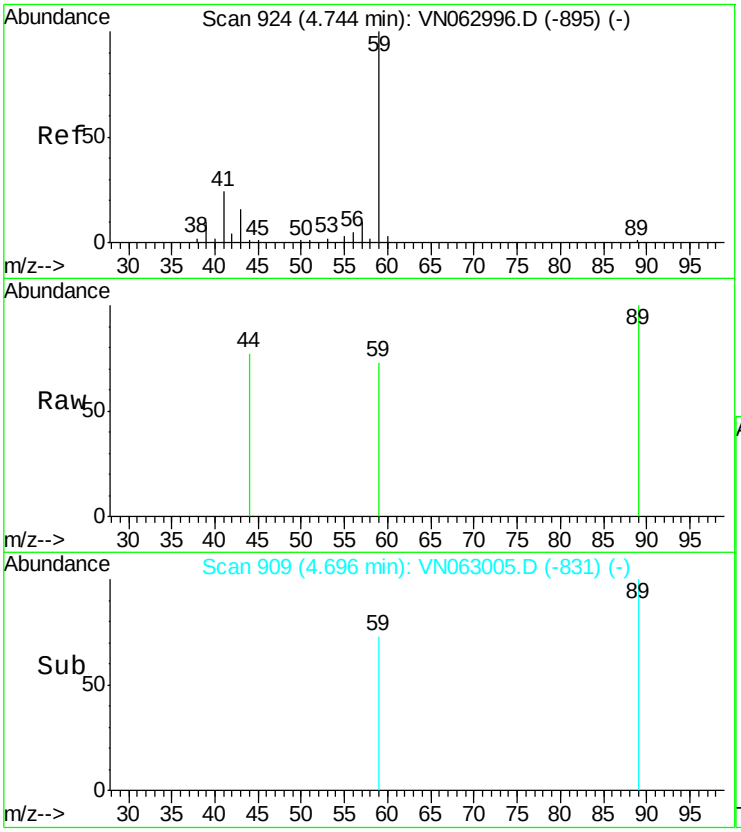


#3
Chloromethane
Concen: 0.370 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 50 Resp: 785

Ion	Ratio	Lower	Upper
50	100		
52	29.6	26.0	39.0



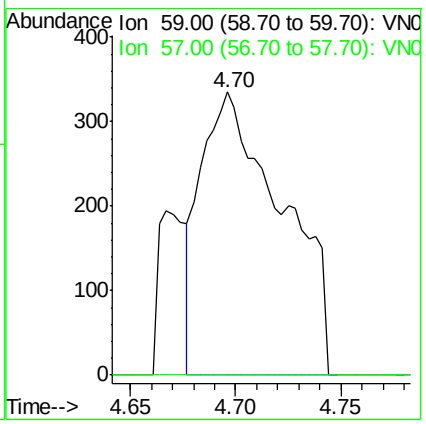


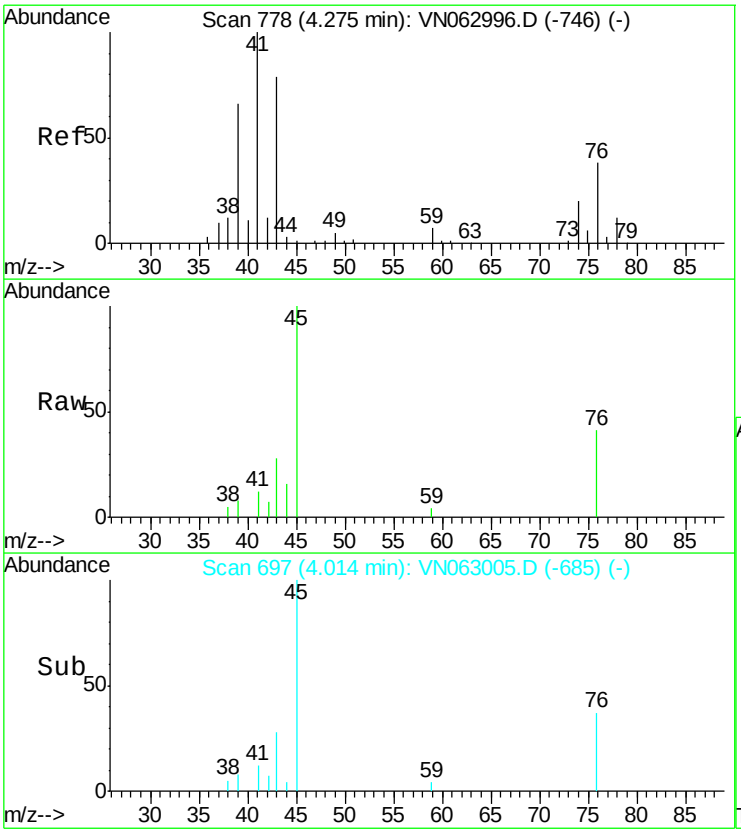
#11
Tert butyl alcohol
Concen: 3.467 ug/l
RT: 4.70 min Scan# 909
Delta R.T. -0.05 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion: 59 Resp: 901

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

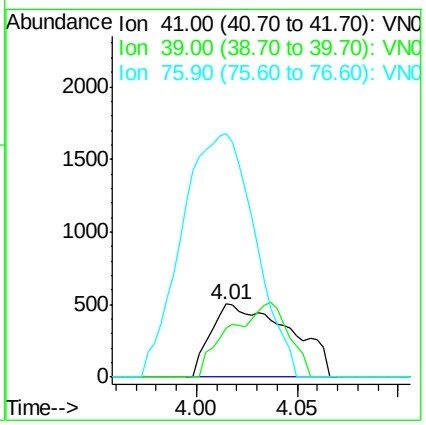


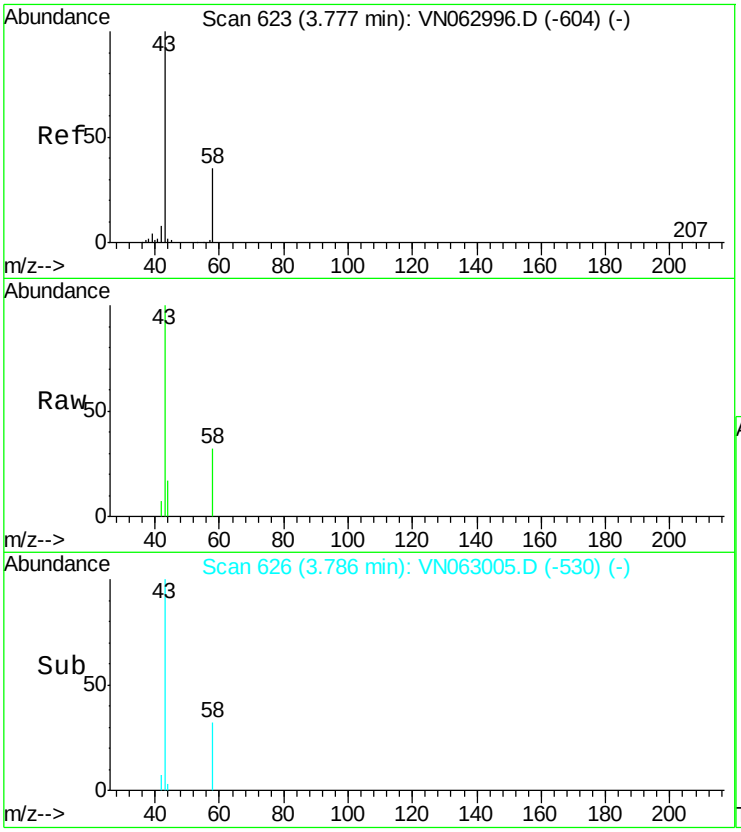


#14
Allyl chloride
Concen: 0.590 ug/l
RT: 4.01 min Scan# 697
Delta R.T. -0.26 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 41 Resp: 1367

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.9	71.9#
76	298.8	27.0	40.6#



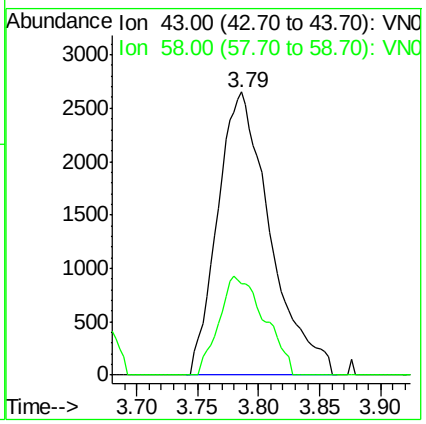


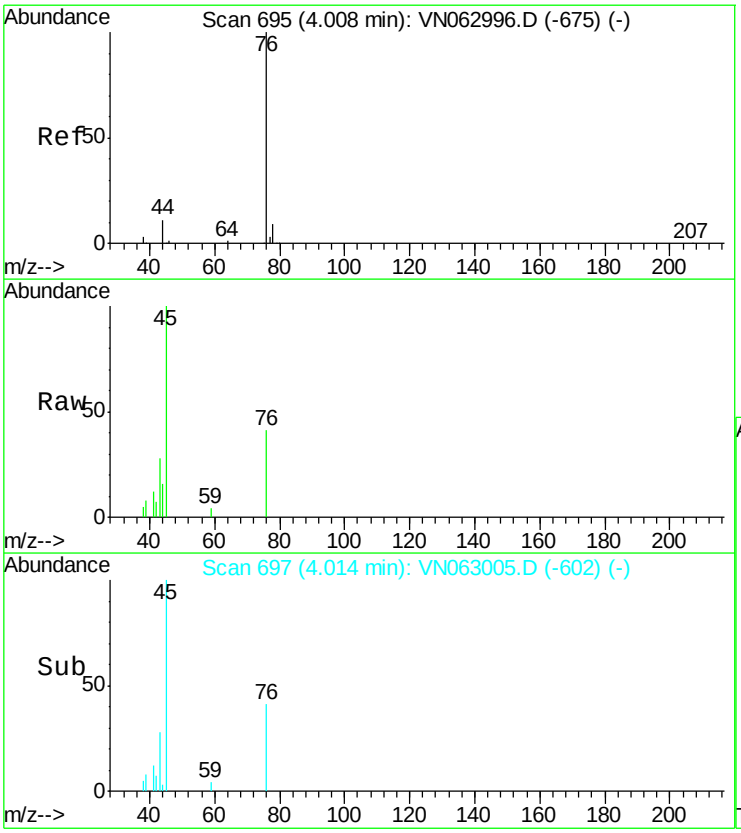
#16
Acetone
Concen: 10.138 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion: 43 Resp: 7953

Ion	Ratio	Lower	Upper
43	100		
58	32.4	27.8	41.6

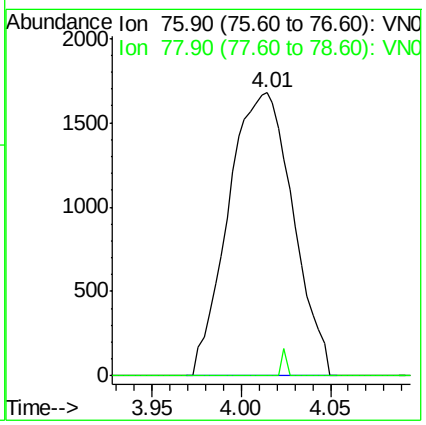


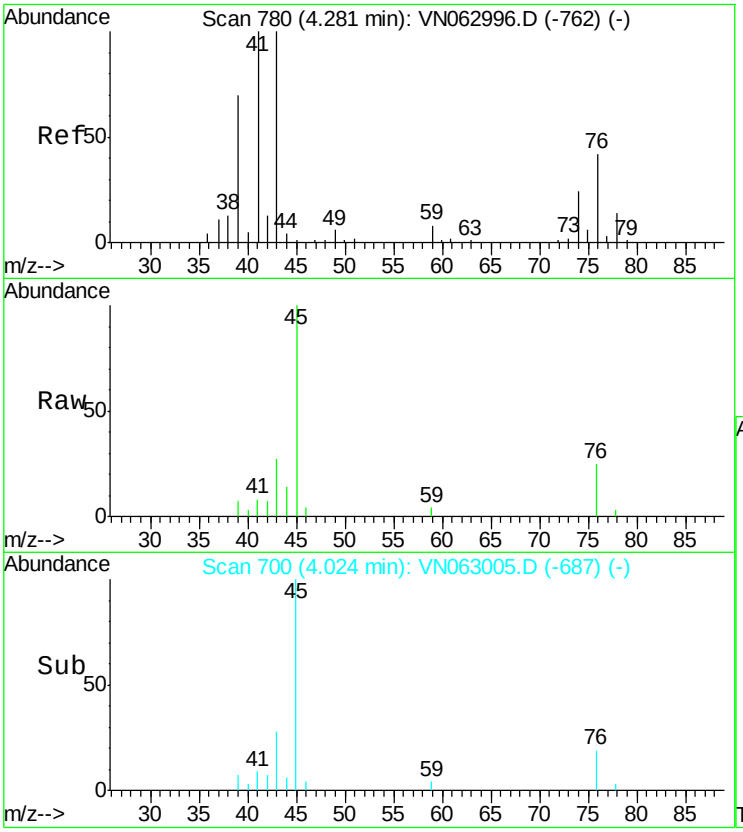


#17
Carbon Disulfide
Concen: 1.230 ug/l
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 76 Resp: 4233

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.9	10.3#



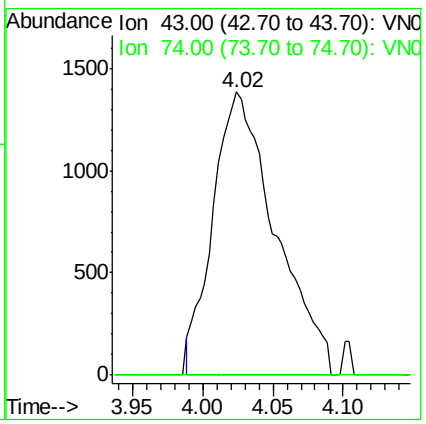


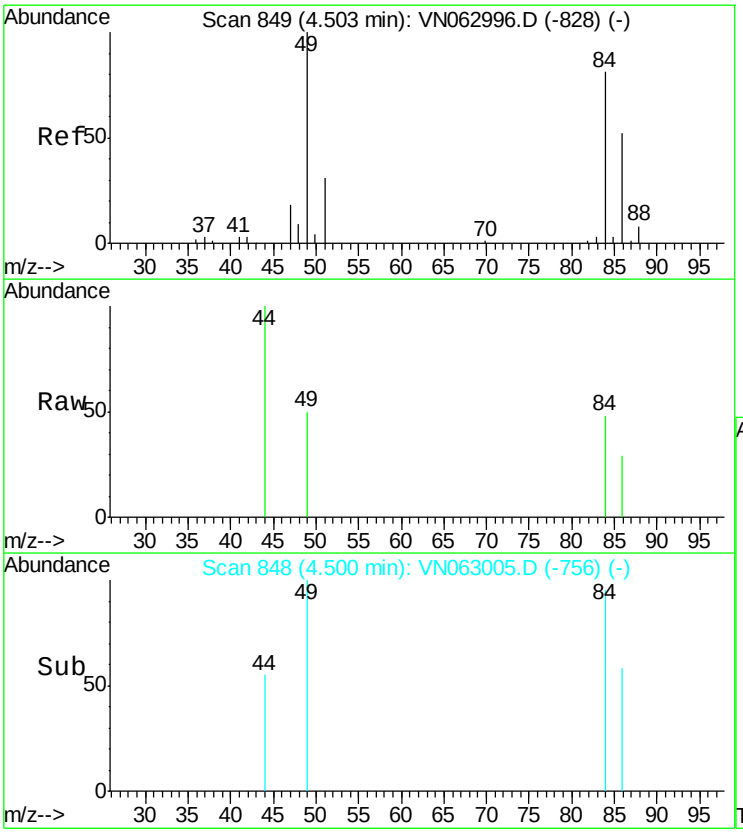
#18
Methyl Acetate
Concen: 2.349 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.26 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument : MSVOA_N
ClientSampleId : GW-02

Tgt Ion: 43 Resp: 4283

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

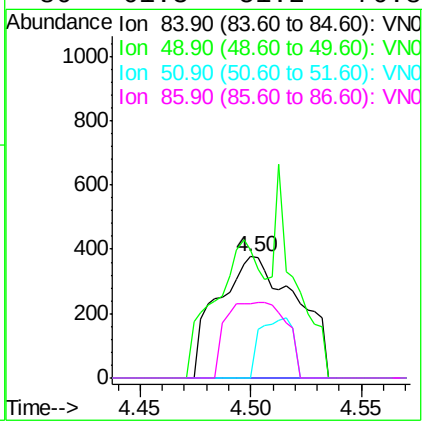


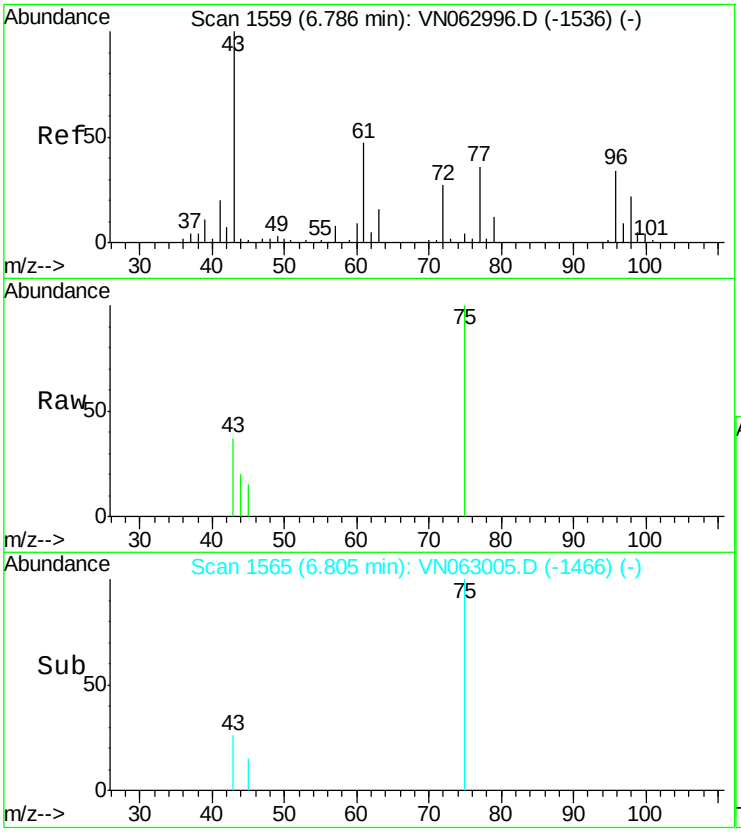


#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 84 Resp: 940

Ion	Ratio	Lower	Upper
84	100		
49	105.0	98.7	148.1
51	0.0	30.8	46.2#
86	61.3	51.2	76.8



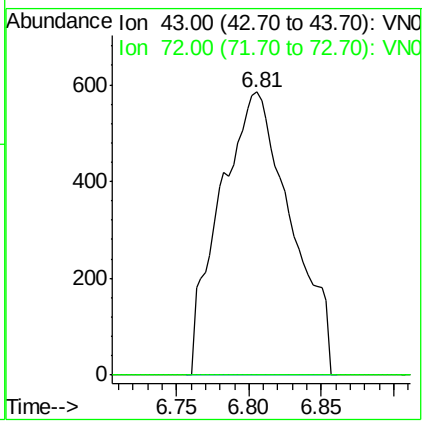


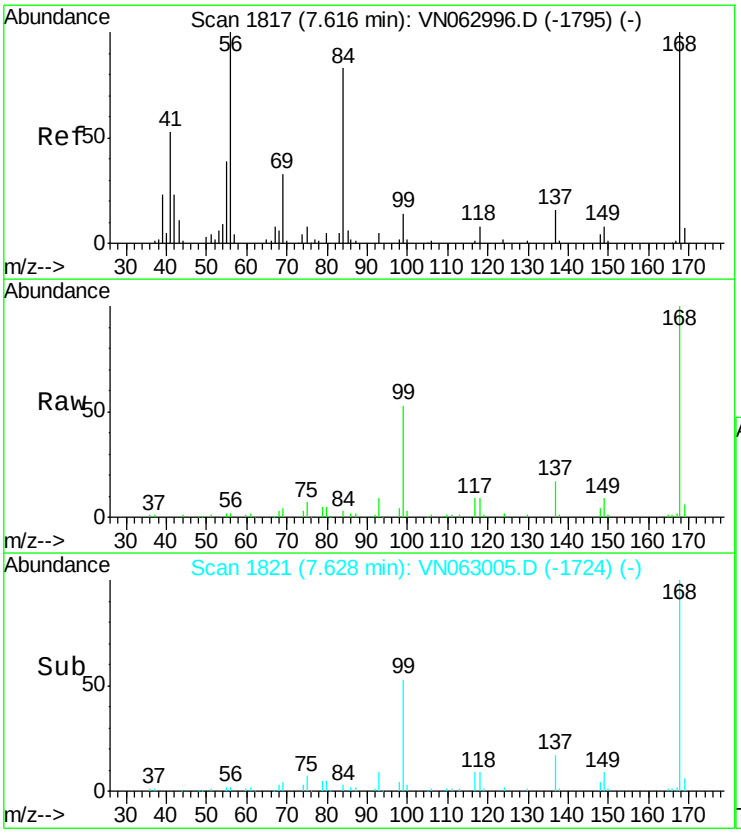
#25
2-Butanone
Concen: 2.046 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.02 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion: 43 Resp: 1993

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

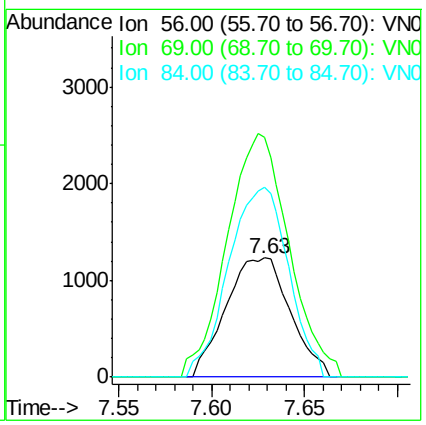


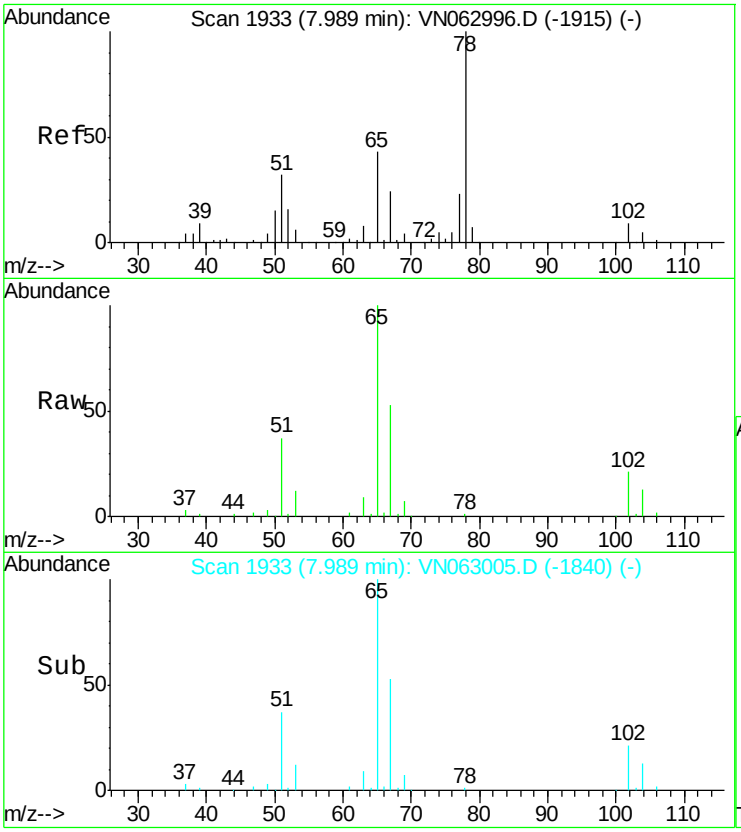


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.01 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 56 Resp: 2969

Ion	Ratio	Lower	Upper
56	100		
69	187.8	26.6	40.0#
84	158.8	66.4	99.6#



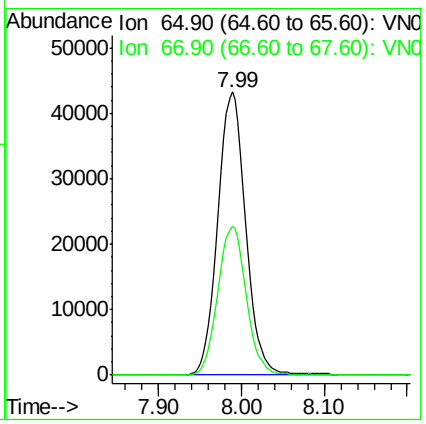


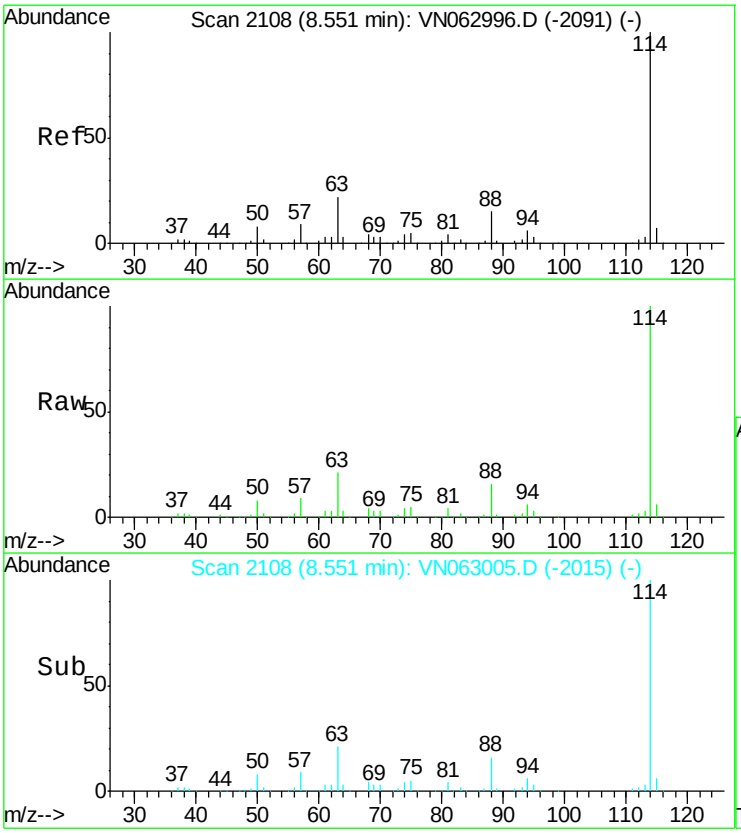
#33
1,2-Dichloroethane-d4
Concen: 55.282 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion: 65 Resp: 101416

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	112.0

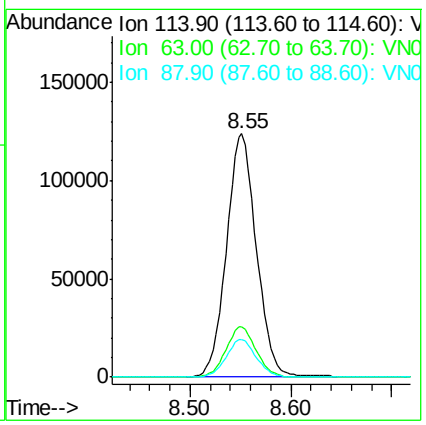


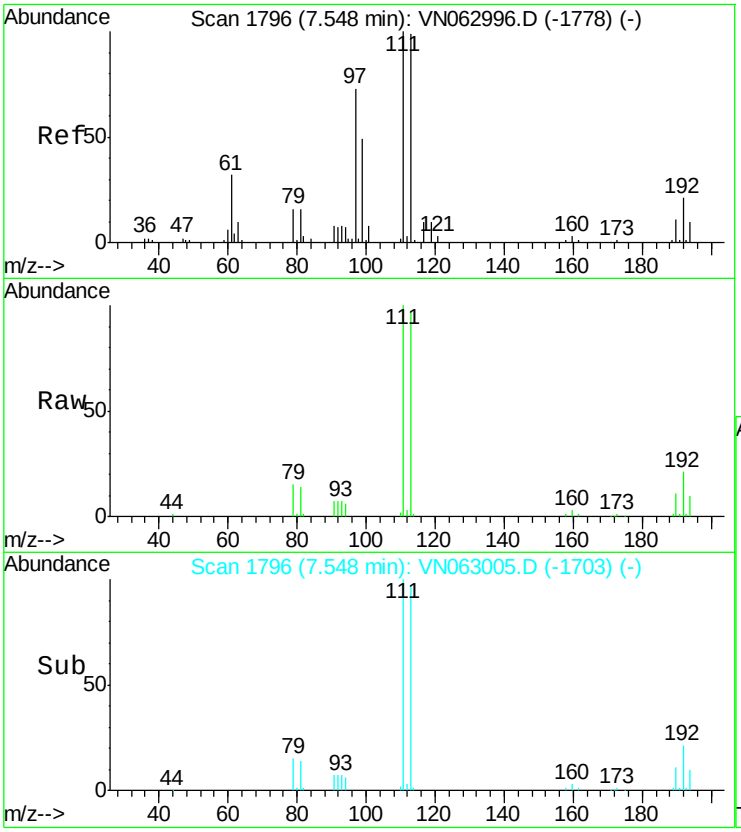


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion:114 Resp: 255922

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	15.5	0.0	30.6



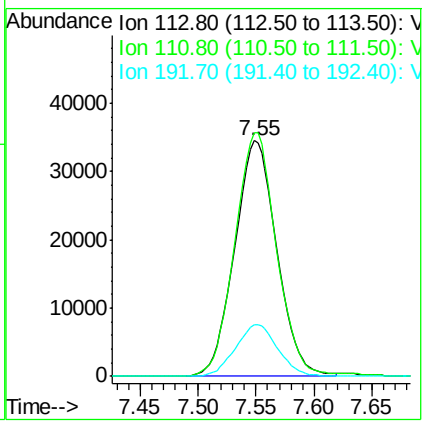


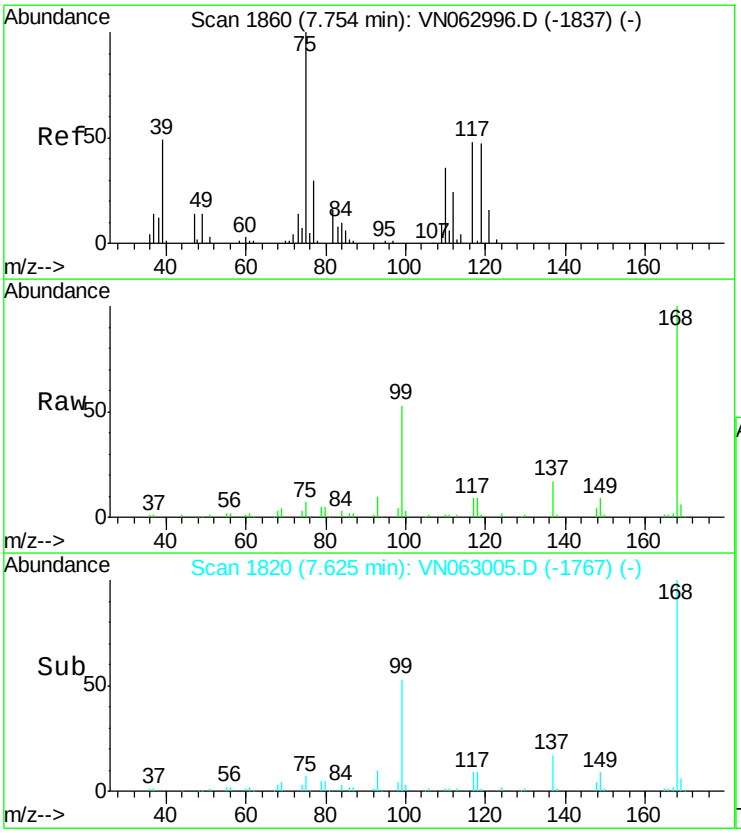
#35
Dibromofluoromethane
Concen: 52.246 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion:113 Resp: 87124

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	22.0	17.5	26.3

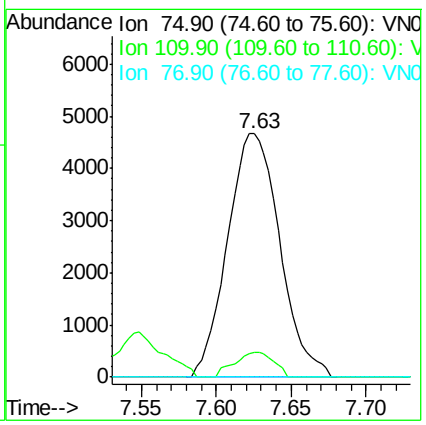


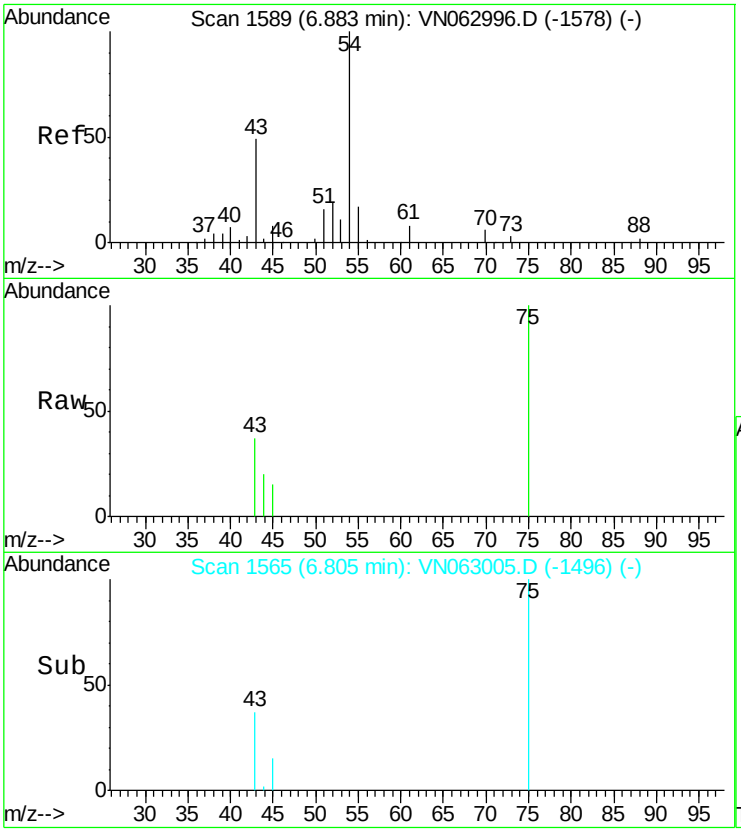


#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 75 Resp: 11345

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.5	52.6#
77	0.0	24.2	36.4#



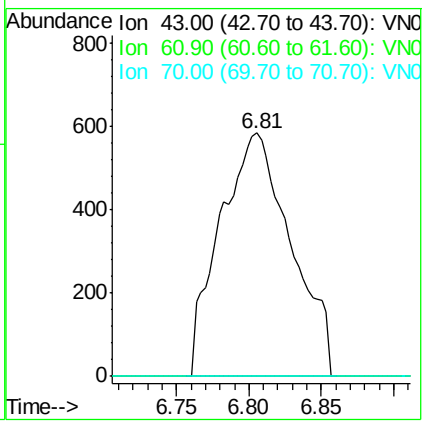


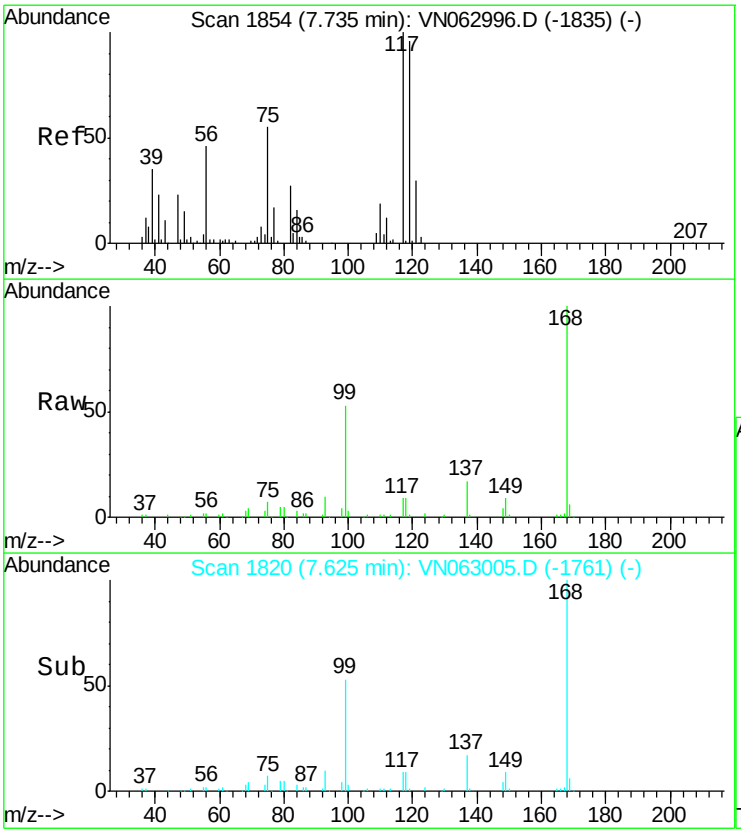
#37
Ethyl Acetate
Concen: 0.943 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.08 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion: 43 Resp: 1993

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.2	12.2#

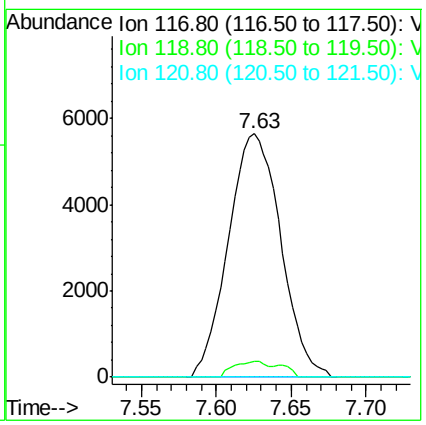


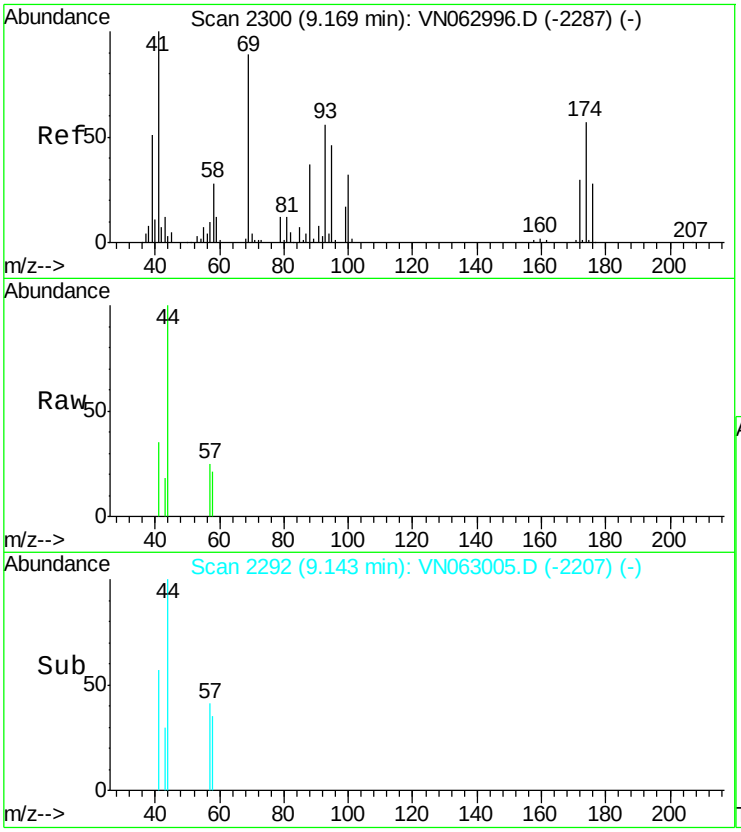


#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion:117 Resp: 13745

Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.2	114.4#
121	0.0	24.2	36.2#



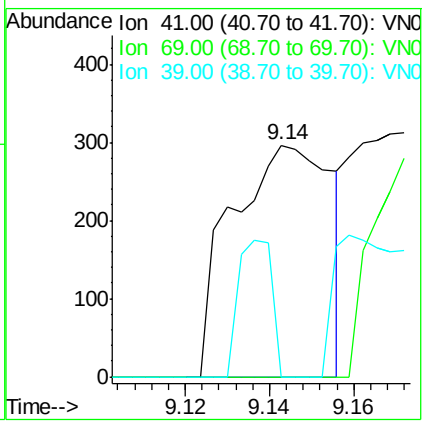


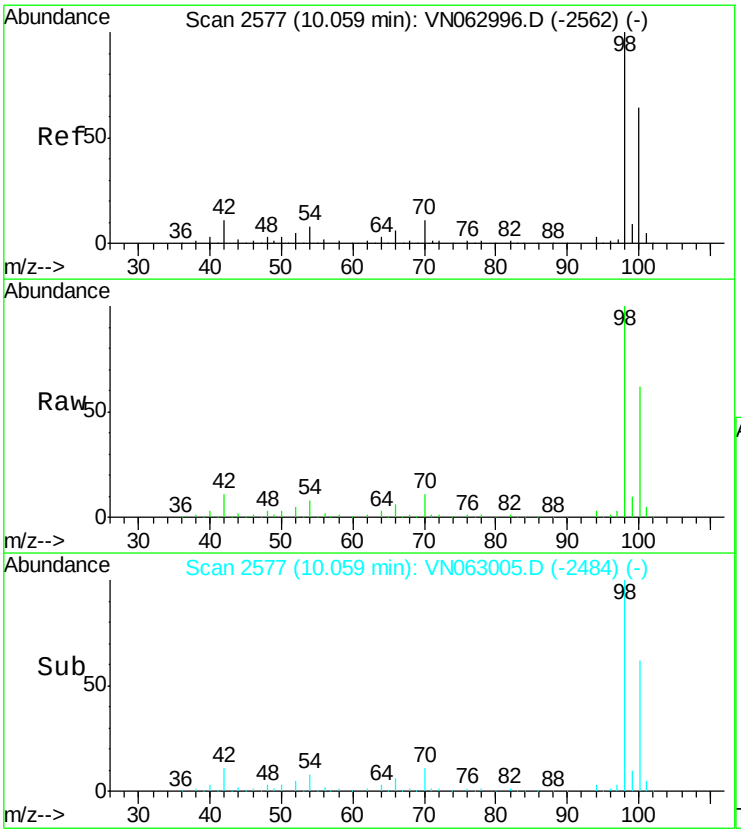
#48
Methyl methacrylate
Concen: 0.292 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.03 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument : MSVOA_N
ClientSampleId : GW-02

Tgt Ion: 41 Resp: 483

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.2	111.4#
39	20.1	42.5	63.7#

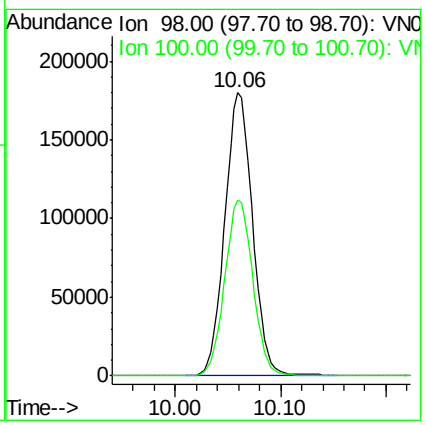


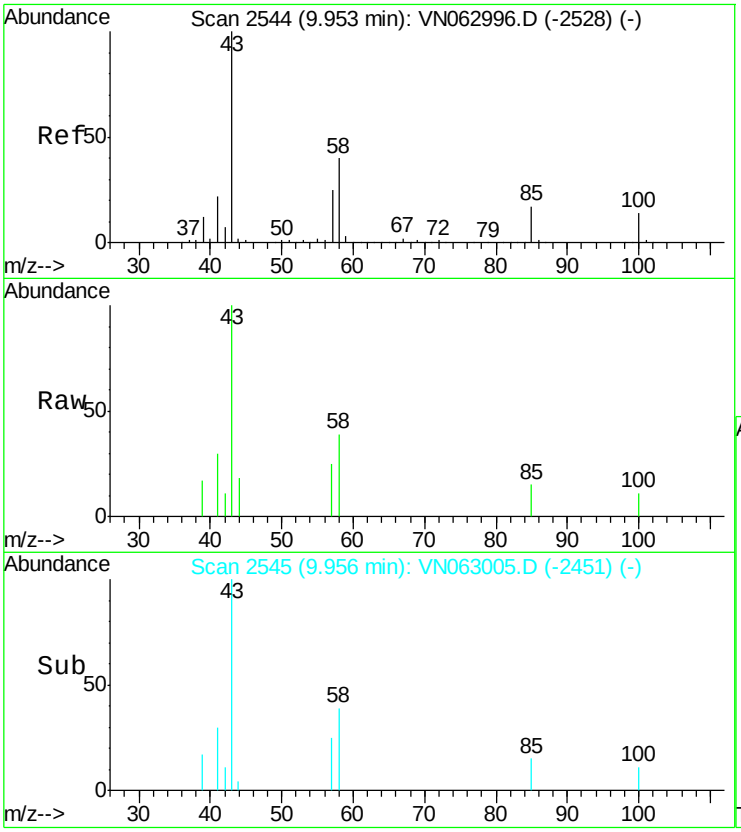


#50
Toluene-d8
Concen: 51.204 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 98 Resp: 327976

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.2	76.8



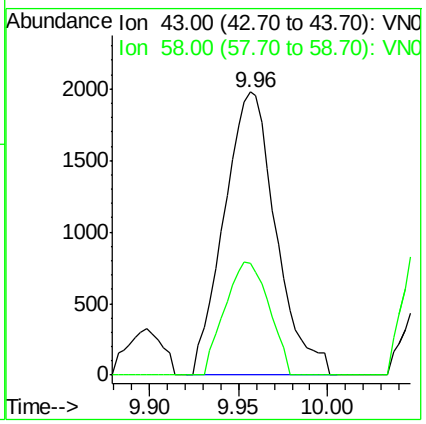


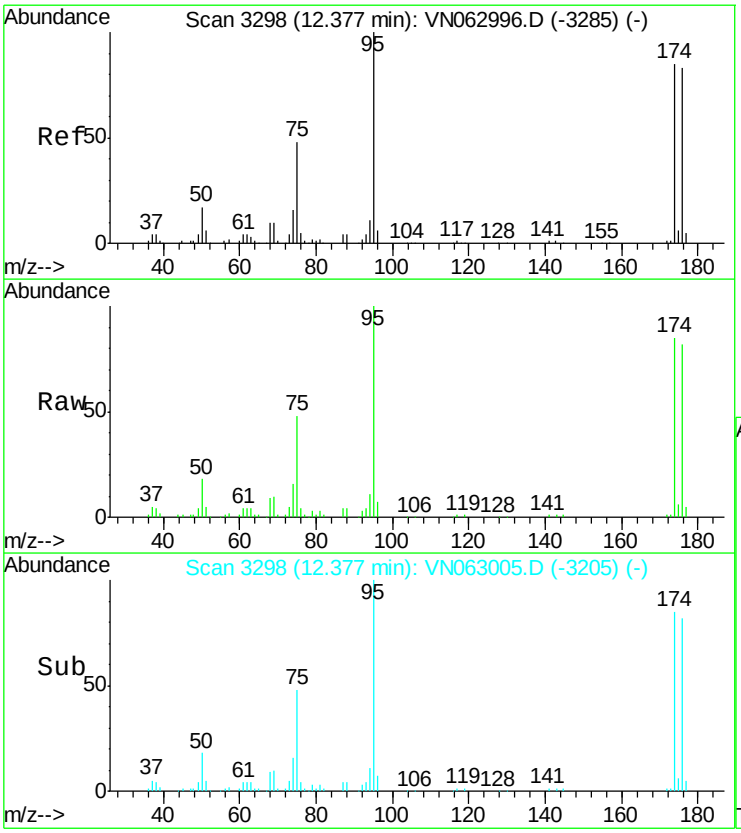
#51
4-Methyl-2-Pentanone
Concen: 1.813 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument : MSVOA_N
ClientSampleId : GW-02

Tgt Ion: 43 Resp: 4012

Ion	Ratio	Lower	Upper
43	100		
58	34.0	32.2	48.2

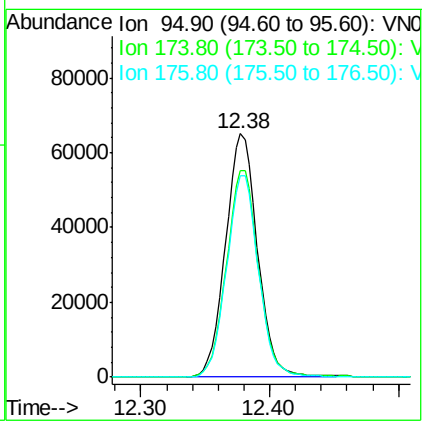


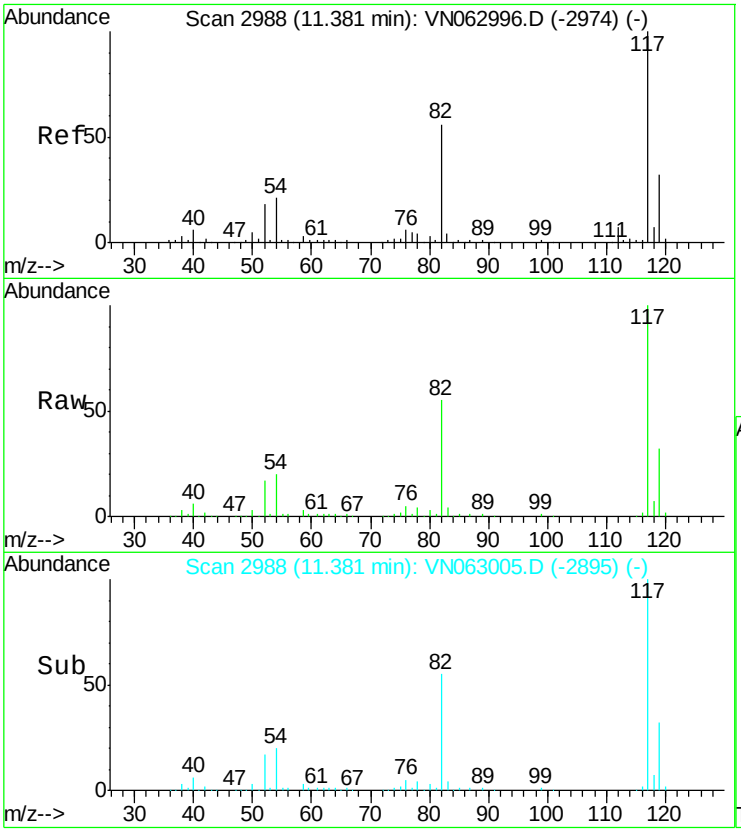


#62
4-Bromofluorobenzene
Concen: 49.452 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 95 Resp: 111778

Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	170.8
176	82.8	0.0	164.8



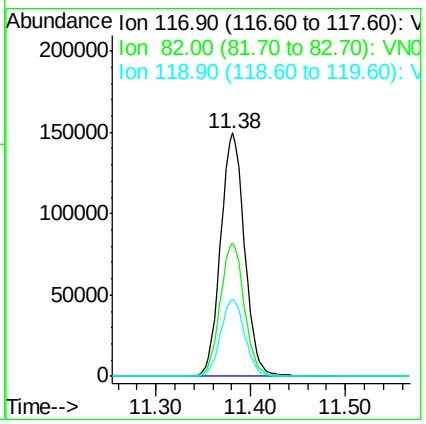


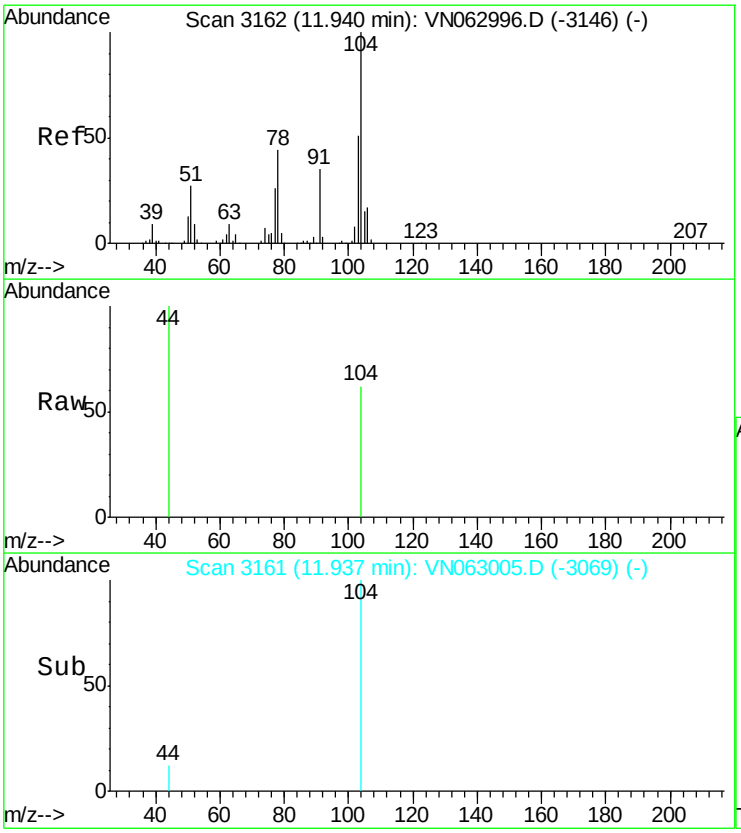
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion:117 Resp: 263895

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.5	66.7
119	31.8	25.5	38.3

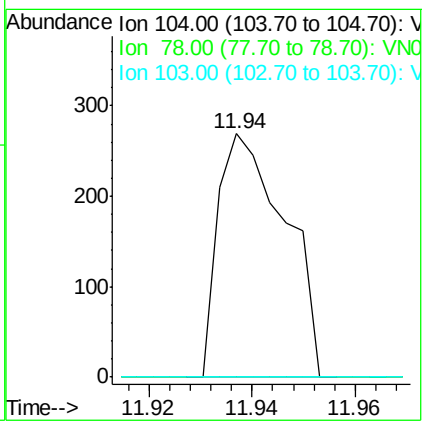


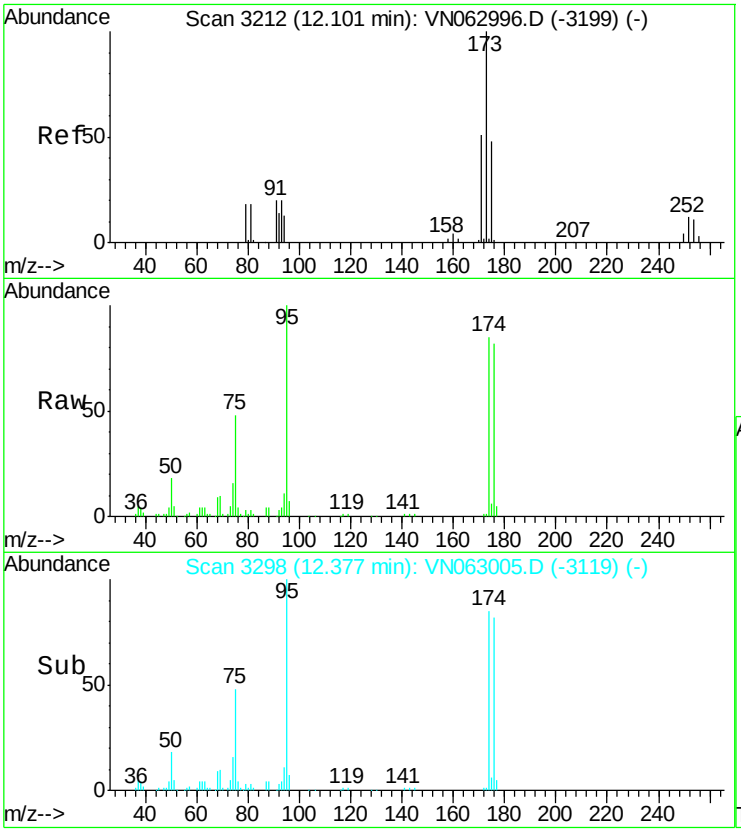


#70
Styrene
Concen: 1.960 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion:104 Resp: 241

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.0	58.6#
103	0.0	44.3	66.5#



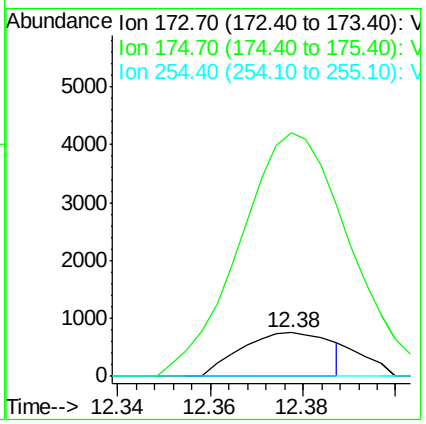


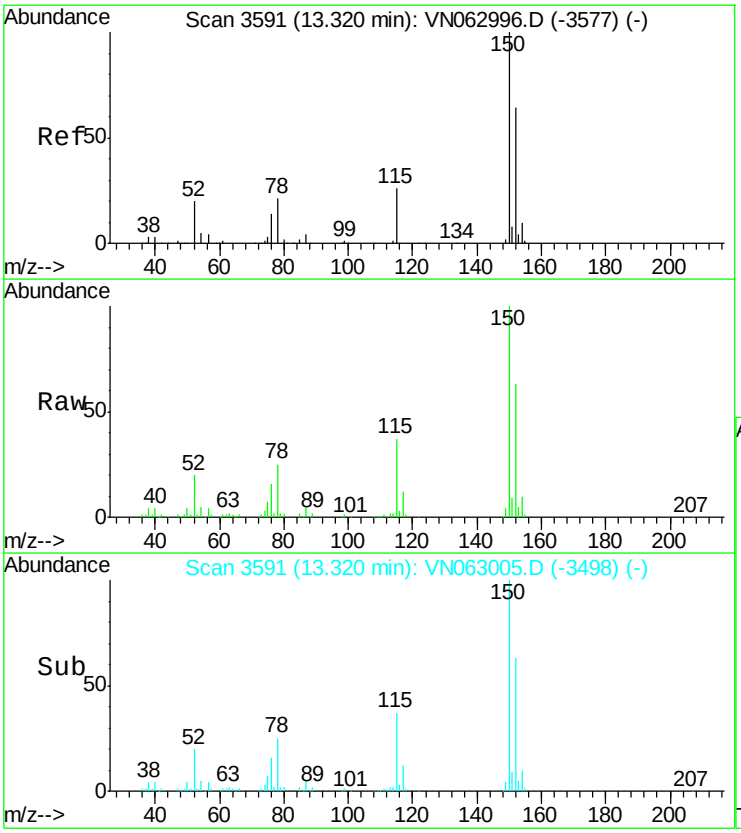
#71
Bromoform
Concen: 0.619 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument : MSVOA_N
ClientSampleId : GW-02

Tgt Ion:173 Resp: 1016

Ion	Ratio	Lower	Upper
173	100		
175	561.2	24.3	72.8#
254	0.0	0.0	0.0

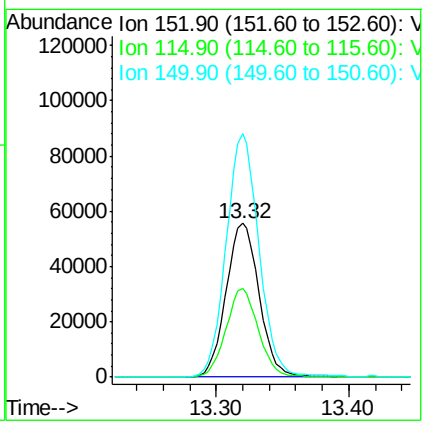


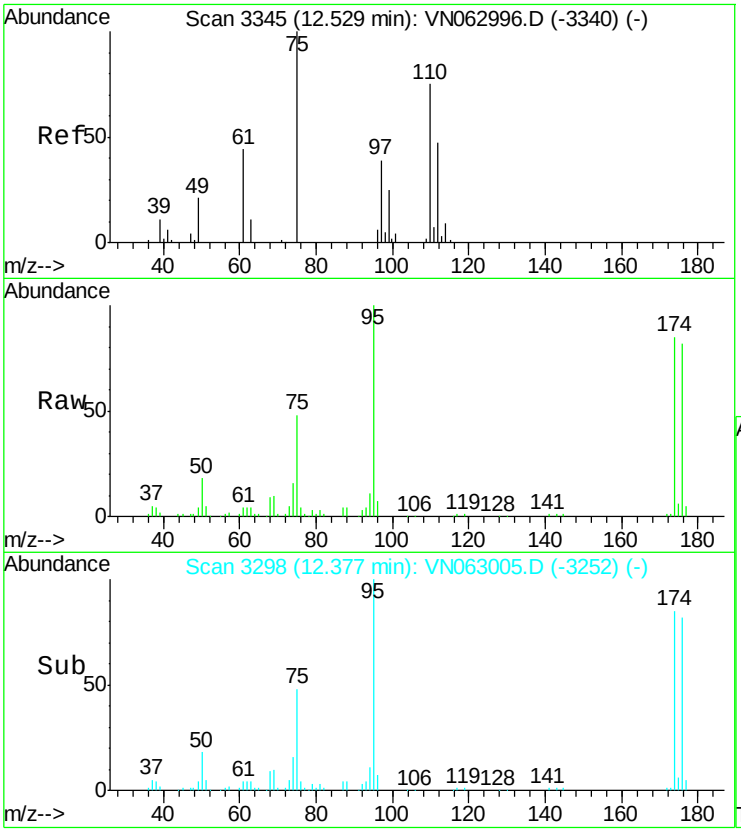


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion:152 Resp: 96616

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.7	86.3
150	156.7	0.0	348.8



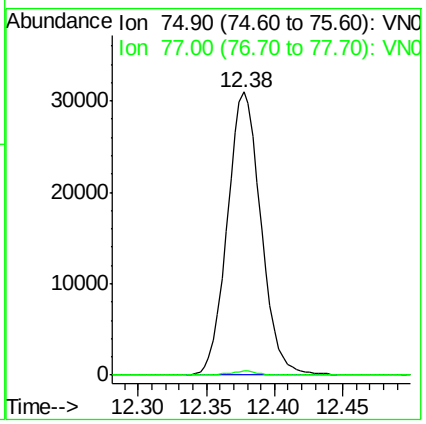


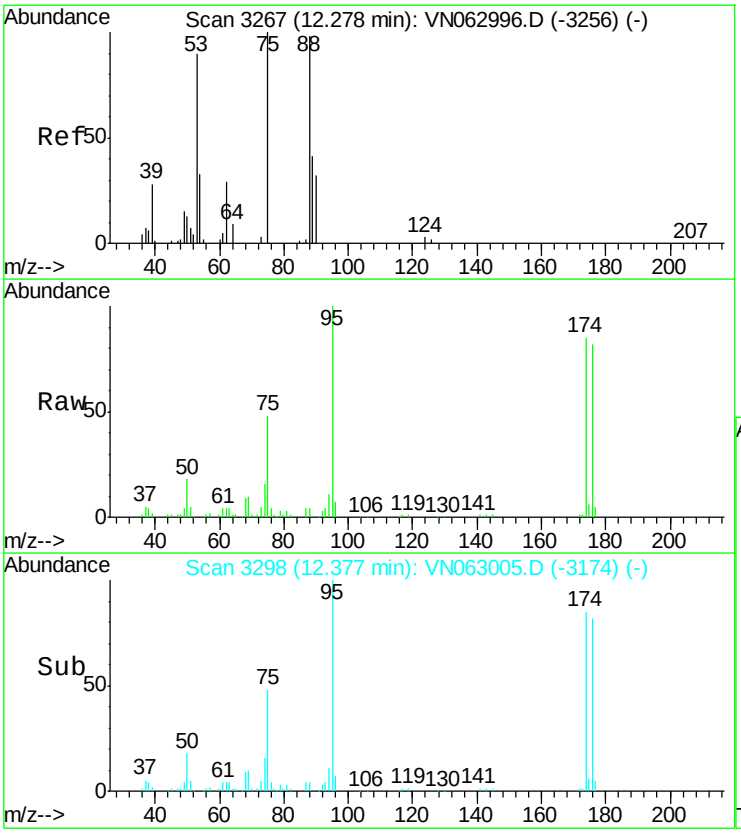
#76
1,2,3-Trichloropropane
Concen: 28.260 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :
GW-02

Tgt Ion: 75 Resp: 53073

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

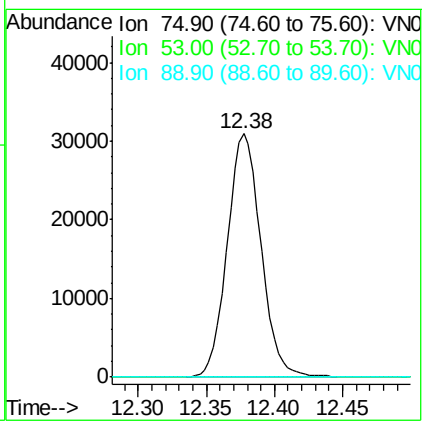


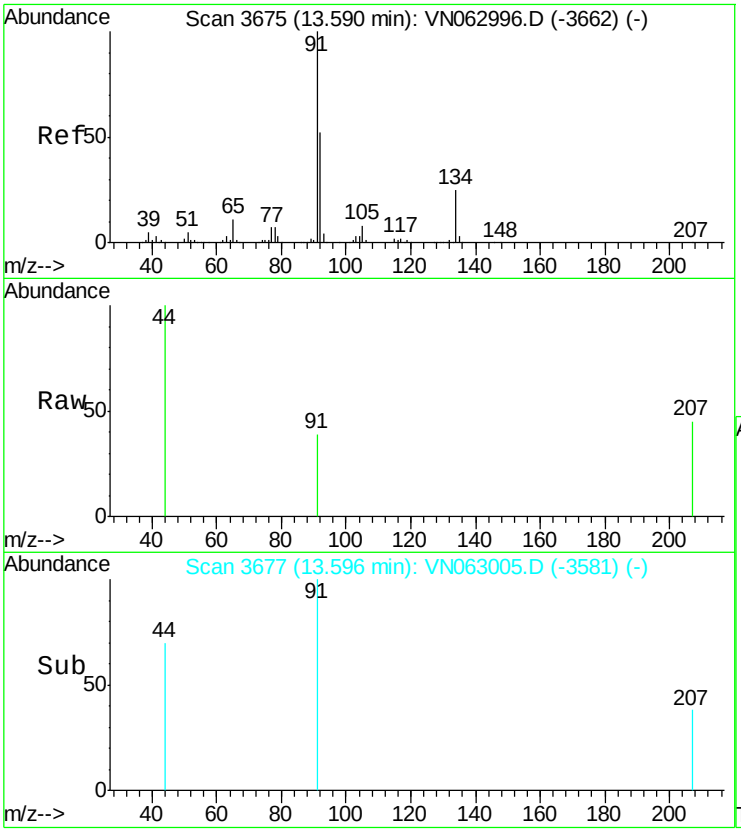


#81
trans-1,4-Dichloro-2-butene
Concen: 77.616 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion: 75 Resp: 53073

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



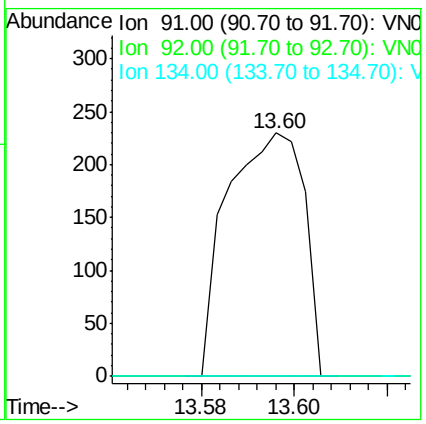


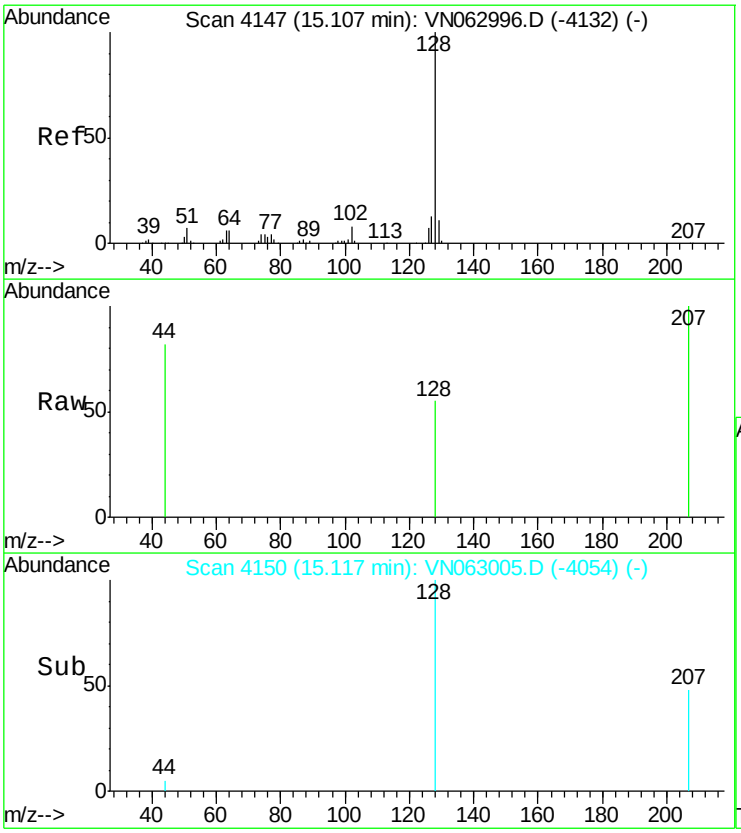
#89
n-Butylbenzene
Concen: 2.818 ug/l
RT: 13.60 min Scan# 3677
Delta R.T. 0.01 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Instrument : MSVOA_N
ClientSampleId : GW-02

Tgt Ion: 91 Resp: 265

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





#95
Naphthalene
Concen: 5.772 ug/l
RT: 15.12 min Scan# 4150
Delta R.T. 0.01 min
Lab File: VN063005.D
Acq: 19 Aug 2020 11:40

Tgt Ion:128 Resp: 564

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.9	13.3#