Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082020\
Data File : VN063056.D
Acq On : 21 Aug 2020 00:28
Operator : JC/MD
Sample : L3722-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : GW-02RE

Quant Time: Aug 21 06:40:37 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	135445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	228480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	92391	57.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.10%			
35) Dibromofluoromethane	7.55	113	78838	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.92%			
50) Toluene-d8	10.06	98	293484	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.64%			
62) 4-Bromofluorobenzene	12.38	95	93673	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.84%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1368	0.737	ug/l	90
14) Allyl chloride	4.02	41	408	0.201	ug/l #	1
16) Acetone	3.78	43	7163	10.552	ug/l	96
17) Carbon Disulfide	4.01	76	5428	1.803	ug/l	100
20) Methylene Chloride	4.50	84	1193	Below Cal	#	85
25) 2-Butanone	6.80	43	524	0.615	ug/l #	48
31) Cyclohexane	7.63	56	2515	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10307	5.119	ug/l #	49
37) Ethyl Acetate	6.80	43	524	0.278	ug/l #	68
38) Carbon Tetrachloride	7.63	117	12054	5.930	ug/l #	16
48) Methyl methacrylate	9.17	41	1595	1.079	ug/l #	55
51) 4-Methyl-2-Pentanone	9.96	43	3938	1.993	ug/l	88
70) Styrene	11.94	104	541	2.018	ug/l #	83
71) Bromoform	12.38	173	924	0.647	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	45448	28.254	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45448	77.599	ug/l #	15
89) n-Butylbenzene	13.59	91	104	2.792	ug/l #	34
95) Naphthalene	15.11	128	213	5.700	ug/l #	69

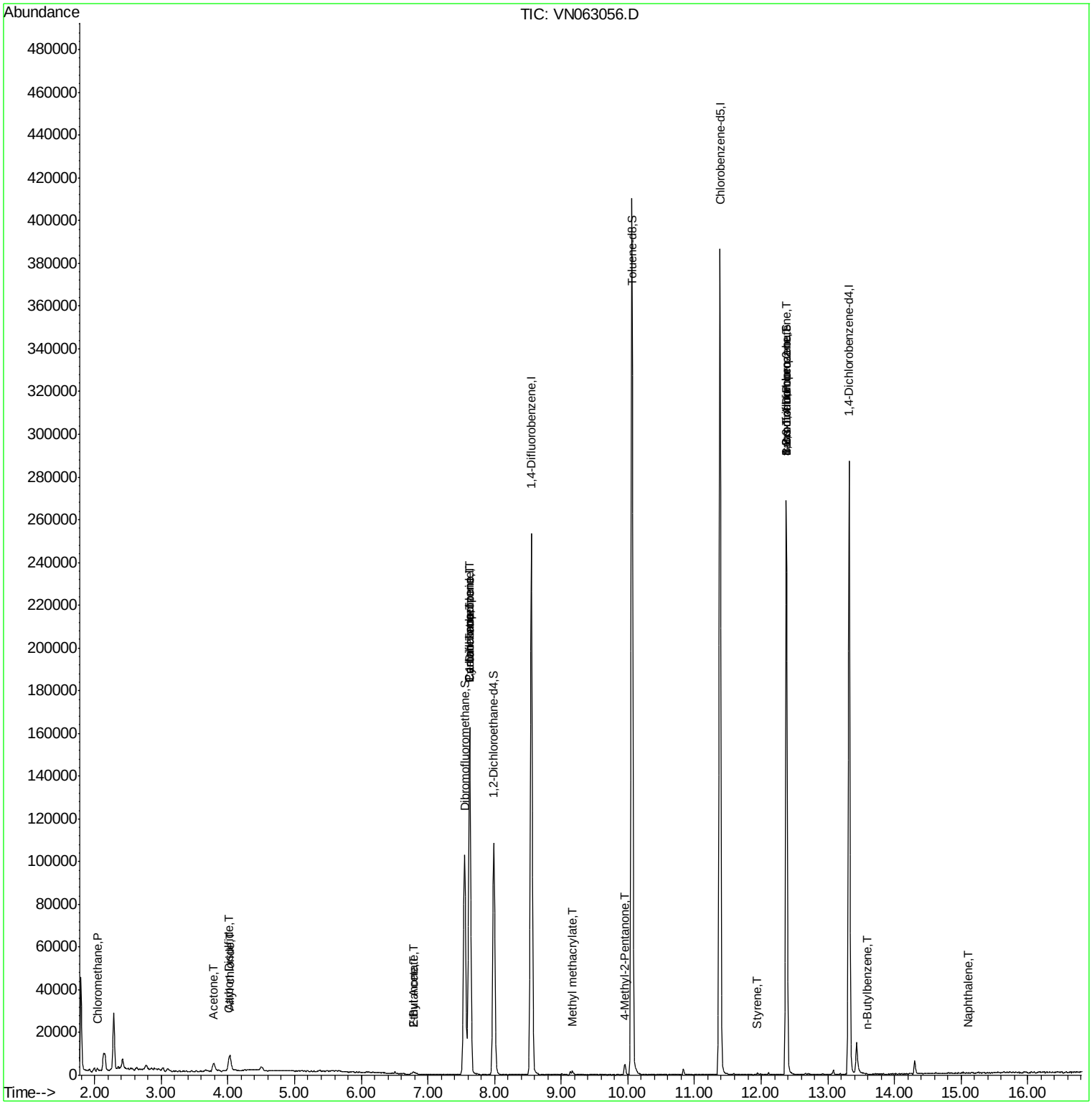
(#) = qualifier out of range (m) = manual integration (+) = signals summed

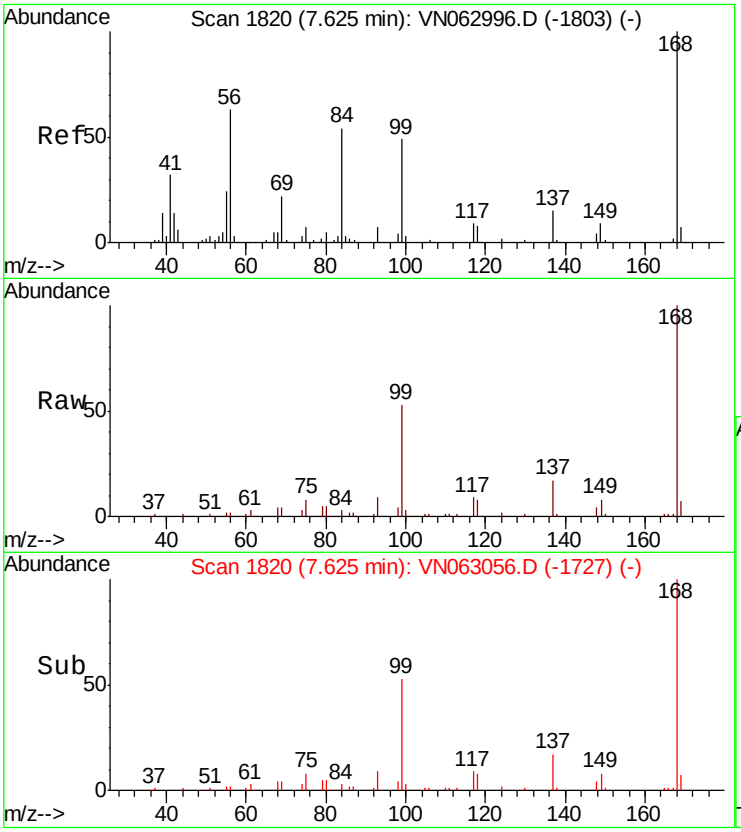
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082020\
Data File : VN063056.D
Acq On : 21 Aug 2020 00:28
Operator : JC/MD
Sample : L3722-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : GW-02RE

Quant Time: Aug 21 06:40:37 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



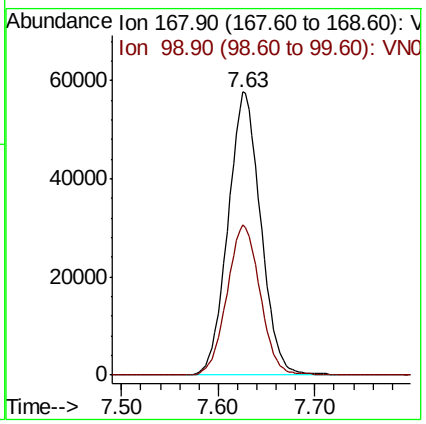


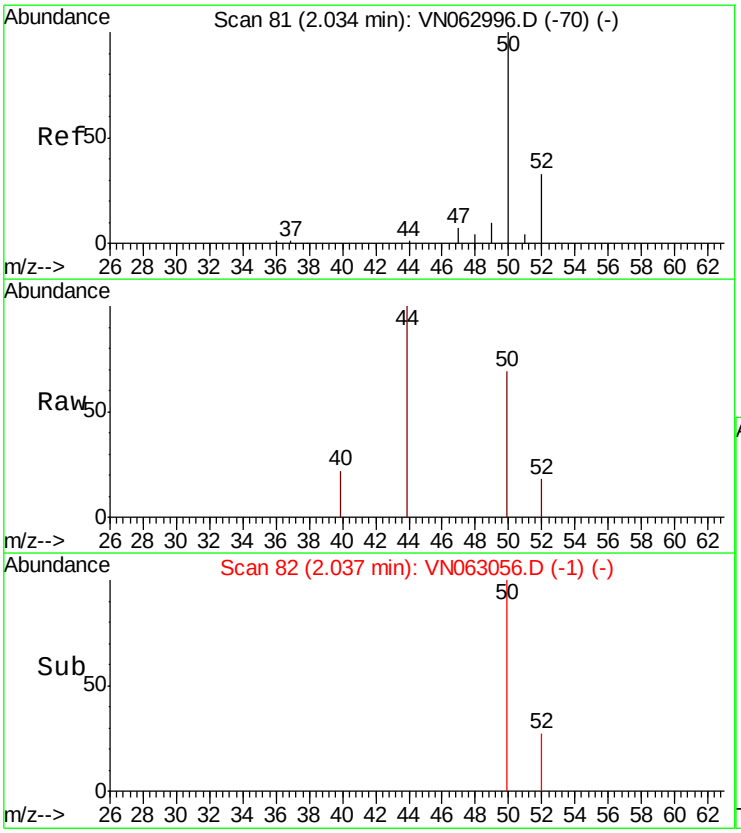
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion:168 Resp: 135445

Ion	Ratio	Lower	Upper
168	100		
99	53.0	42.0	63.0

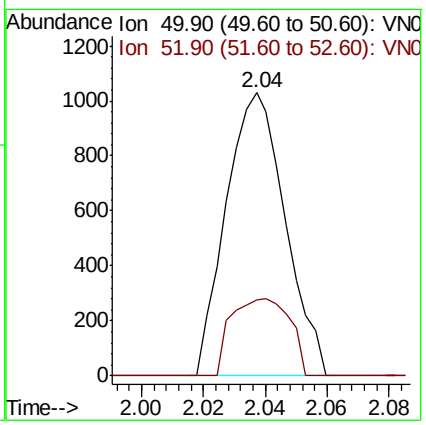


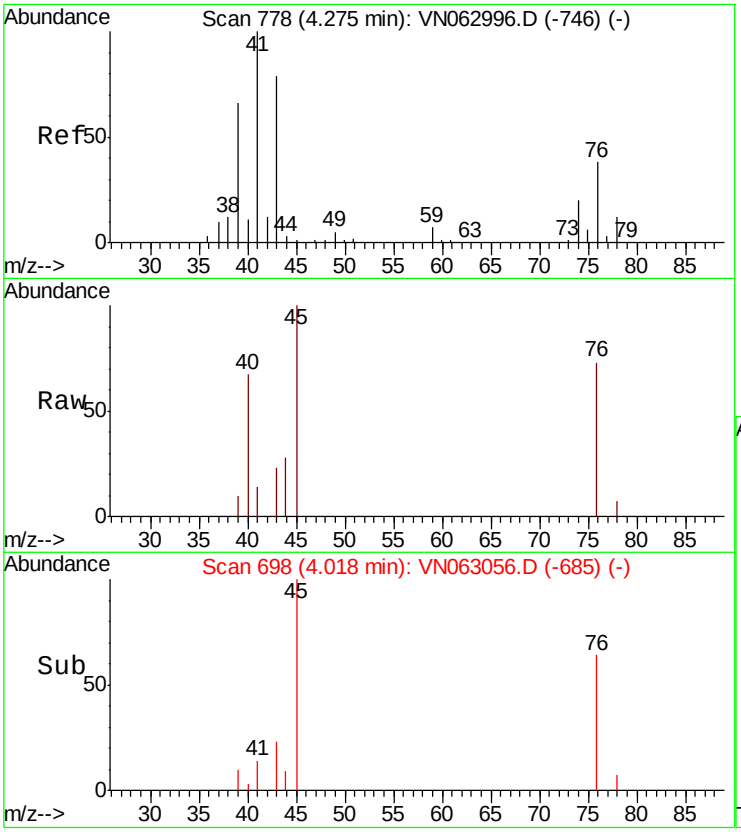


#3
Chloromethane
Concen: 0.737 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 50 Resp: 1368

Ion	Ratio	Lower	Upper
50	100		
52	26.8	26.0	39.0



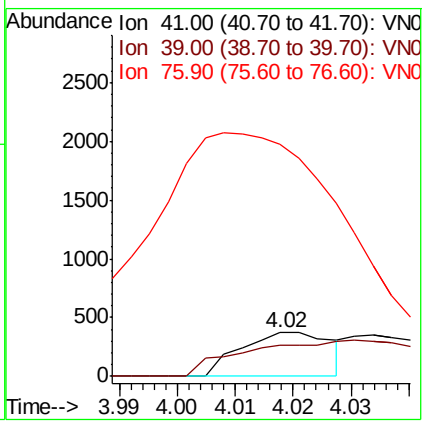


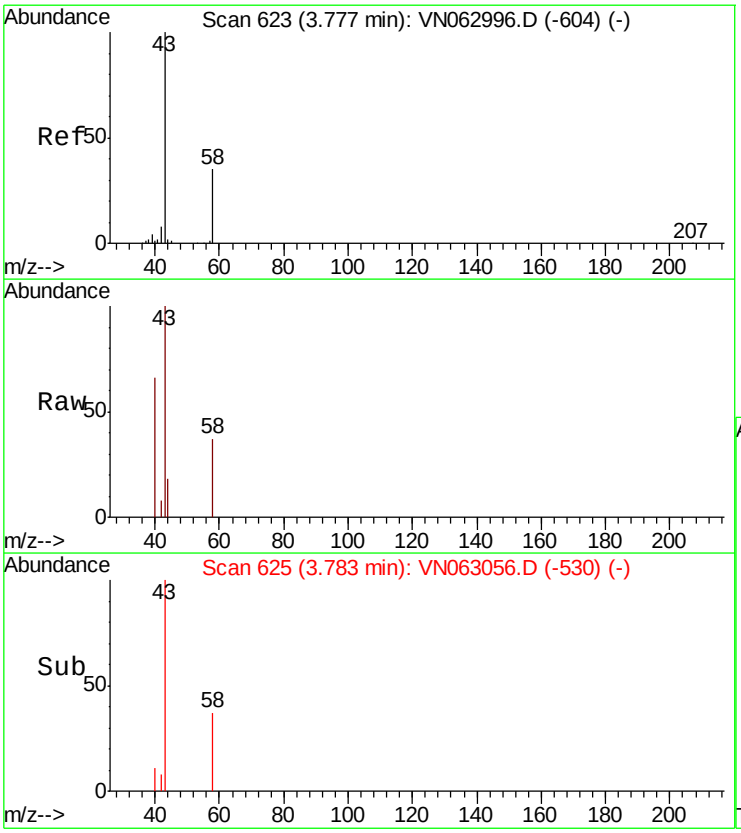
#14
Allyl chloride
Concen: 0.201 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.26 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument : MSVOA_N
ClientSampleId : GW-02RE

Tgt Ion: 41 Resp: 408

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.9	71.9#
76	1267.2	27.0	40.6#

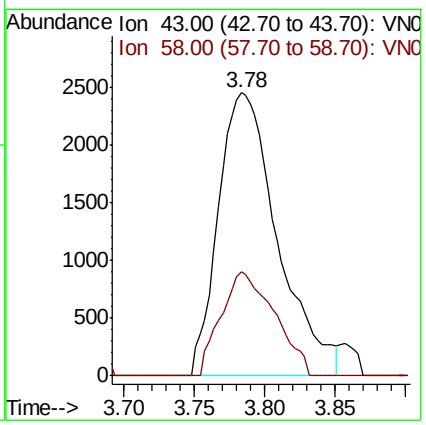


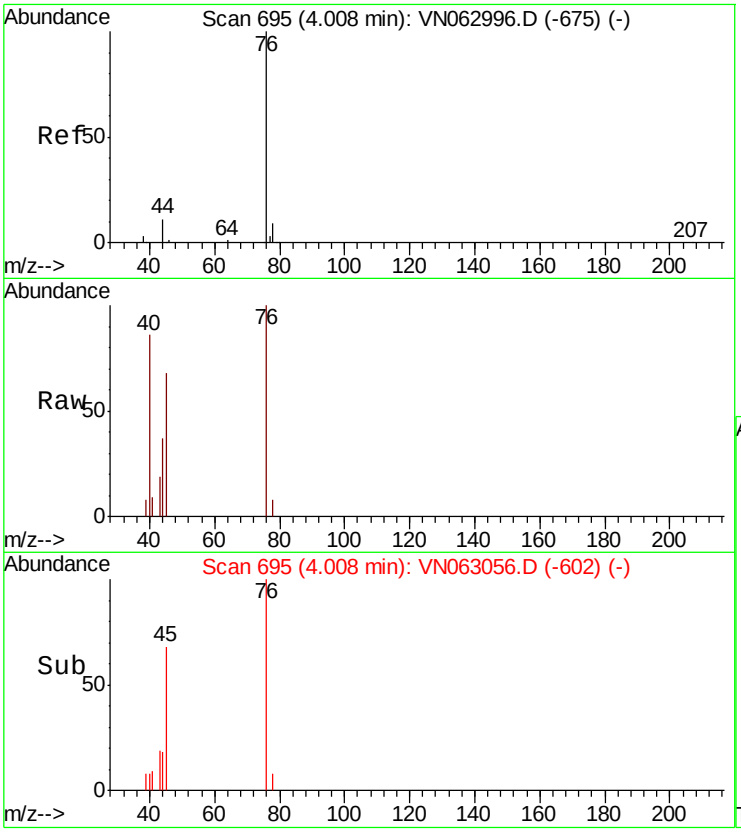


#16
Acetone
Concen: 10.552 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 43 Resp: 7163

Ion	Ratio	Lower	Upper
43	100		
58	36.8	27.8	41.6



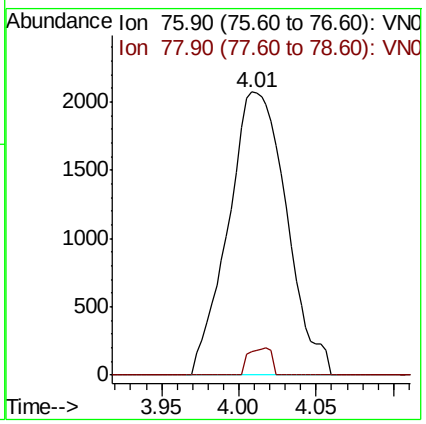


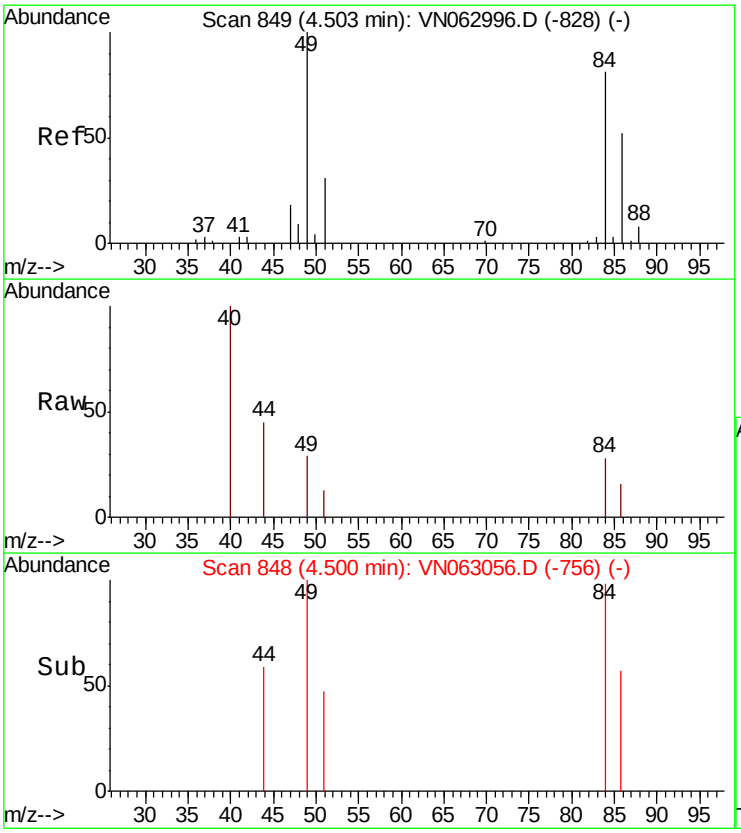
#17
Carbon Disulfide
Concen: 1.803 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion: 76 Resp: 5428

Ion	Ratio	Lower	Upper
76	100		
78	8.4	6.9	10.3

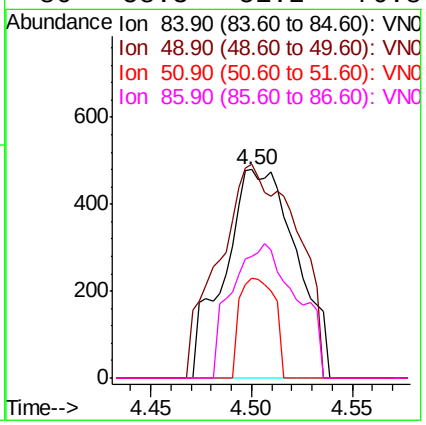


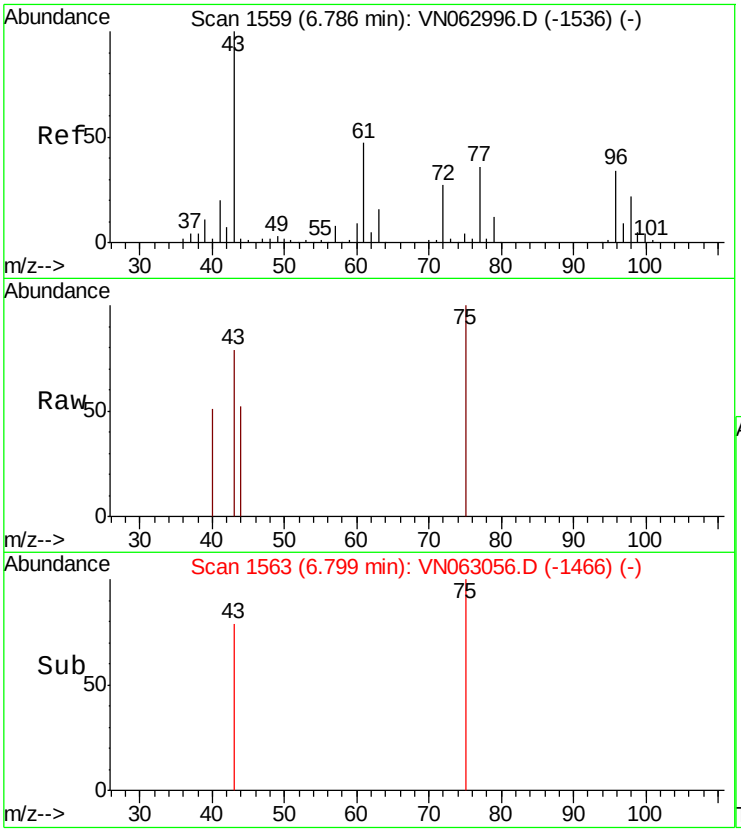


#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 84 Resp: 1193

Ion	Ratio	Lower	Upper
84	100		
49	102.5	98.7	148.1
51	47.9	30.8	46.2#
86	58.3	51.2	76.8



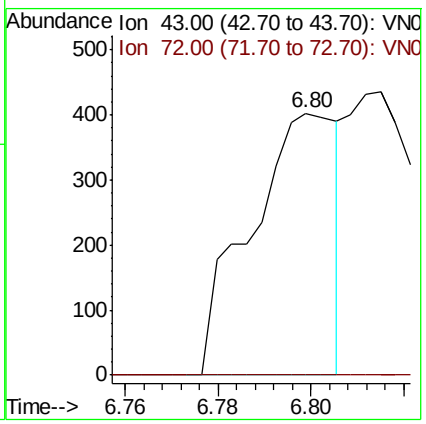


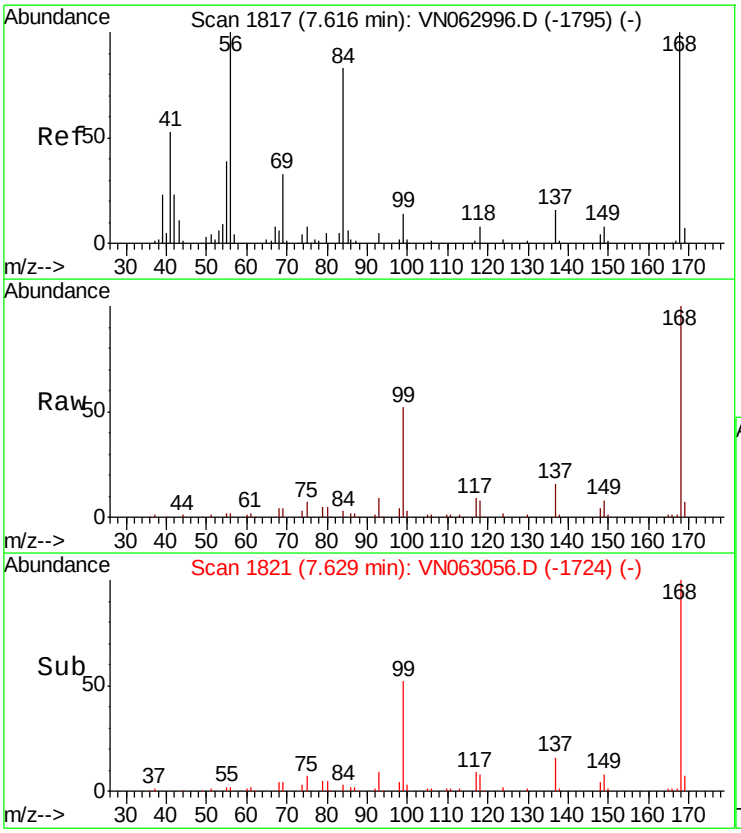
#25
2-Butanone
Concen: 0.615 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument : MSVOA_N
ClientSampleId : GW-02RE

Tgt Ion: 43 Resp: 524

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

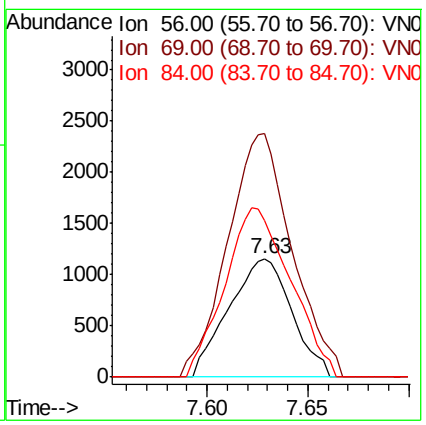


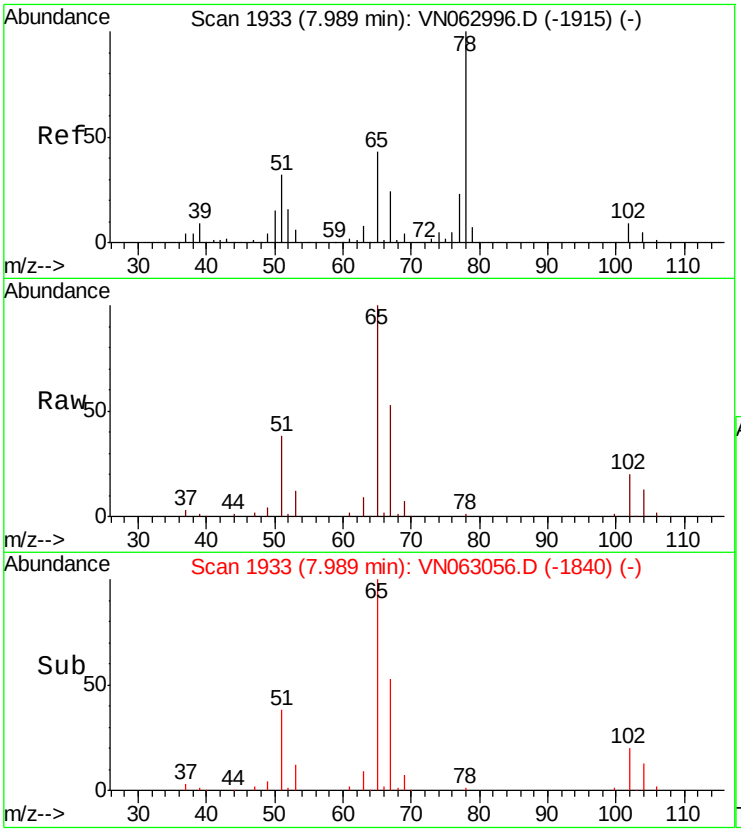


#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.01 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 56 Resp: 2515

Ion	Ratio	Lower	Upper
56	100		
69	192.1	26.6	40.0#
84	132.7	66.4	99.6#



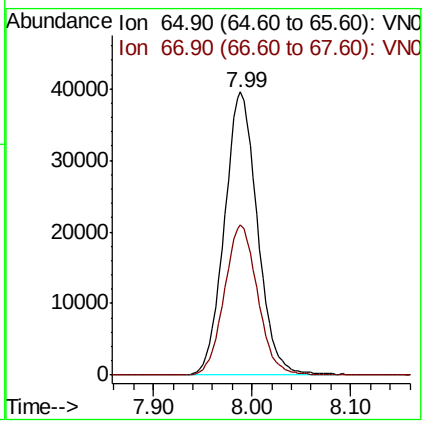


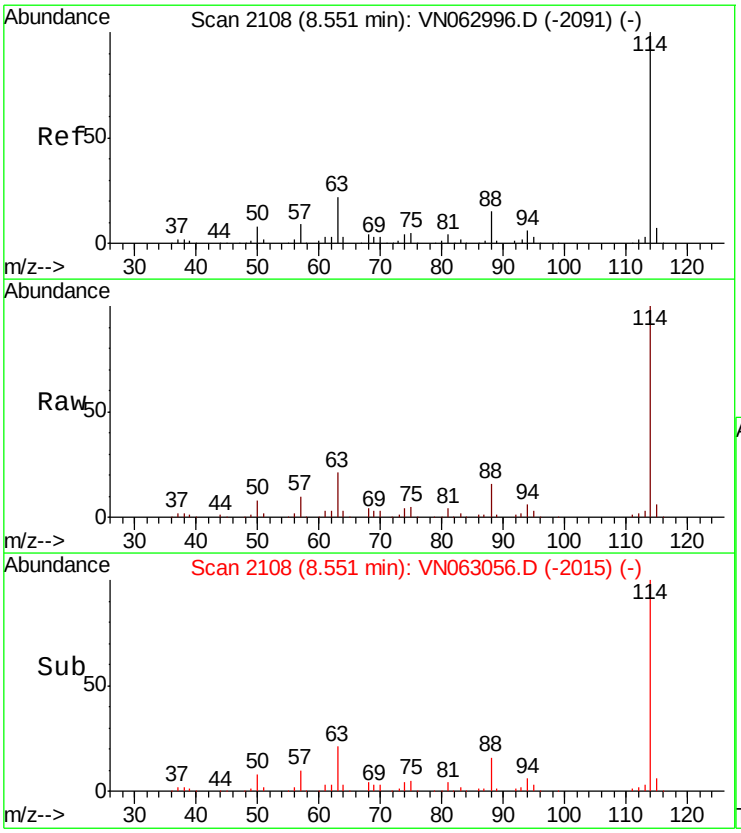
#33
1,2-Dichloroethane-d4
Concen: 57.555 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion: 65 Resp: 92391

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	112.0

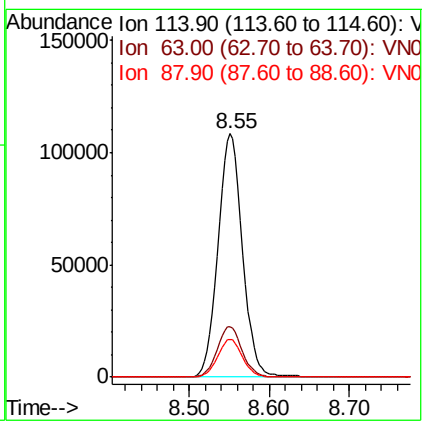


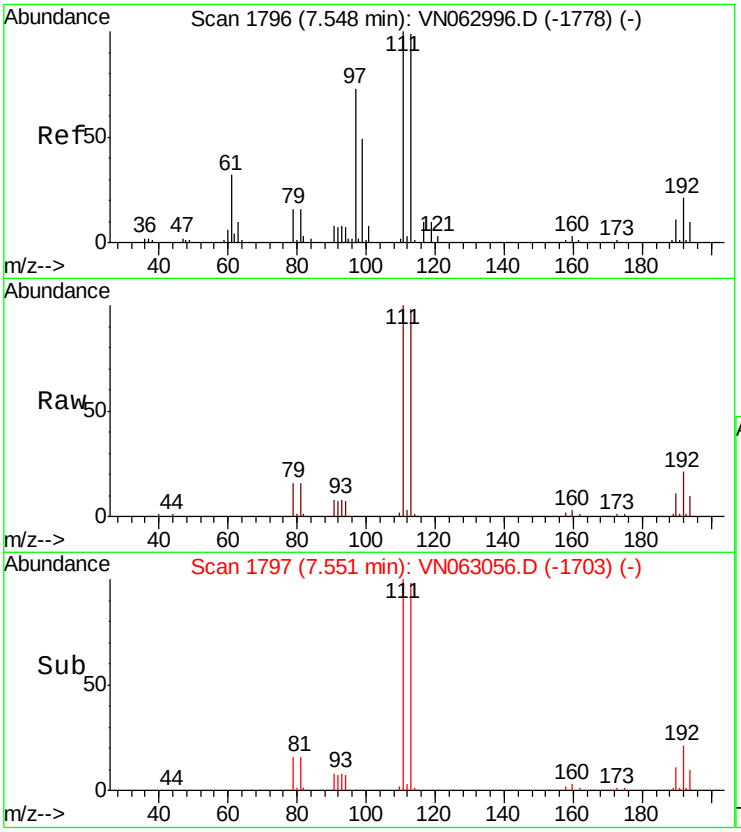


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion:114 Resp: 228480

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	15.7	0.0	30.6



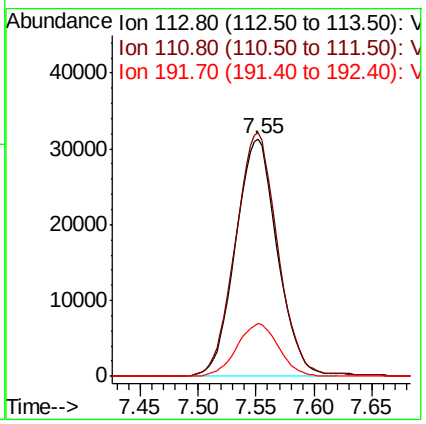


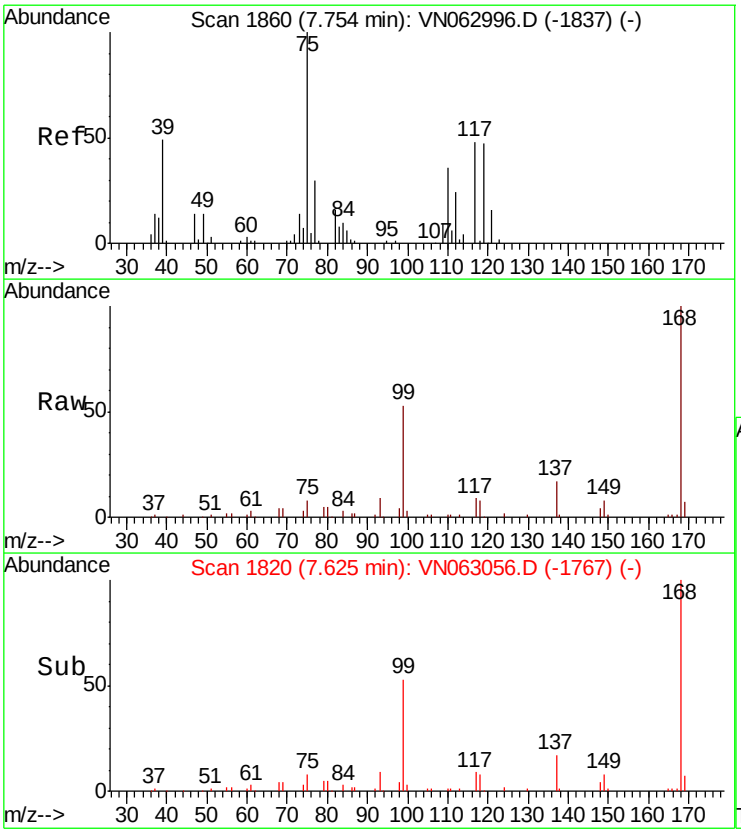
#35
Dibromofluoromethane
Concen: 52.955 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion:113 Resp: 78838

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	22.1	17.5	26.3

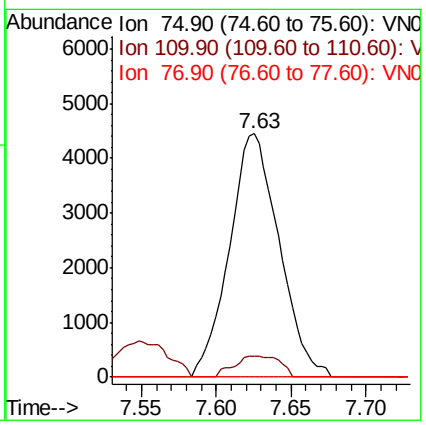


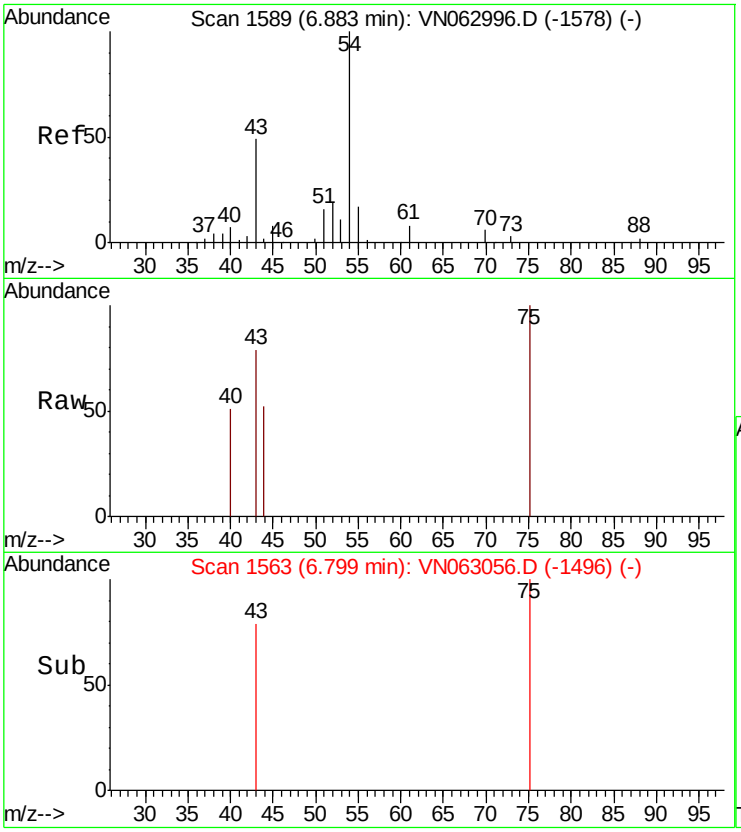


#36
1,1-Dichloropropene
Concen: 5.119 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 75 Resp: 10307

Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.5	52.6#
77	0.0	24.2	36.4#



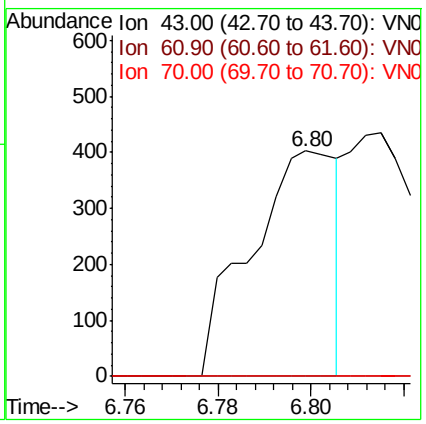


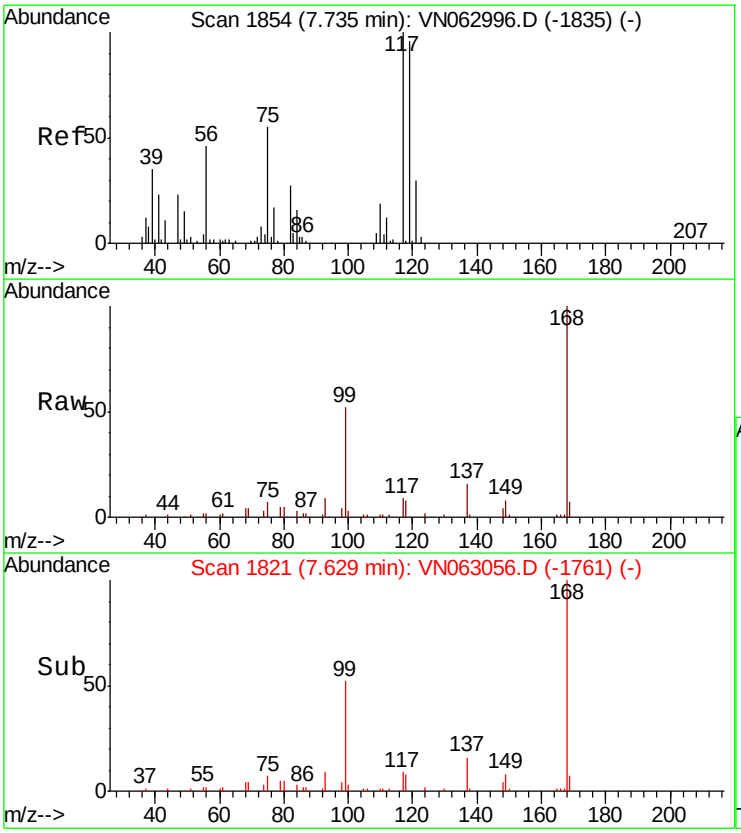
#37
Ethyl Acetate
Concen: 0.278 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.08 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion: 43 Resp: 524

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

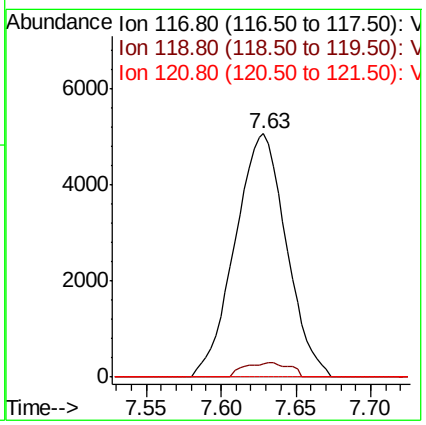


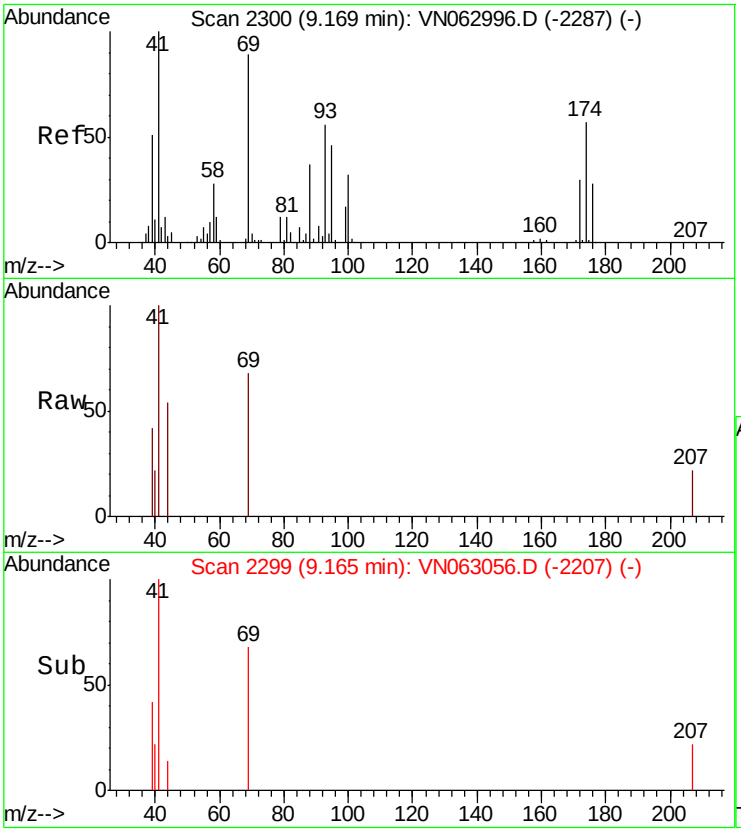


#38
Carbon Tetrachloride
Concen: 5.930 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion:117 Resp: 12054

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.4#
121	0.0	24.2	36.2#



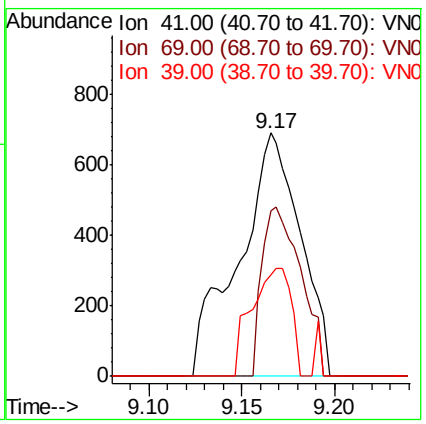


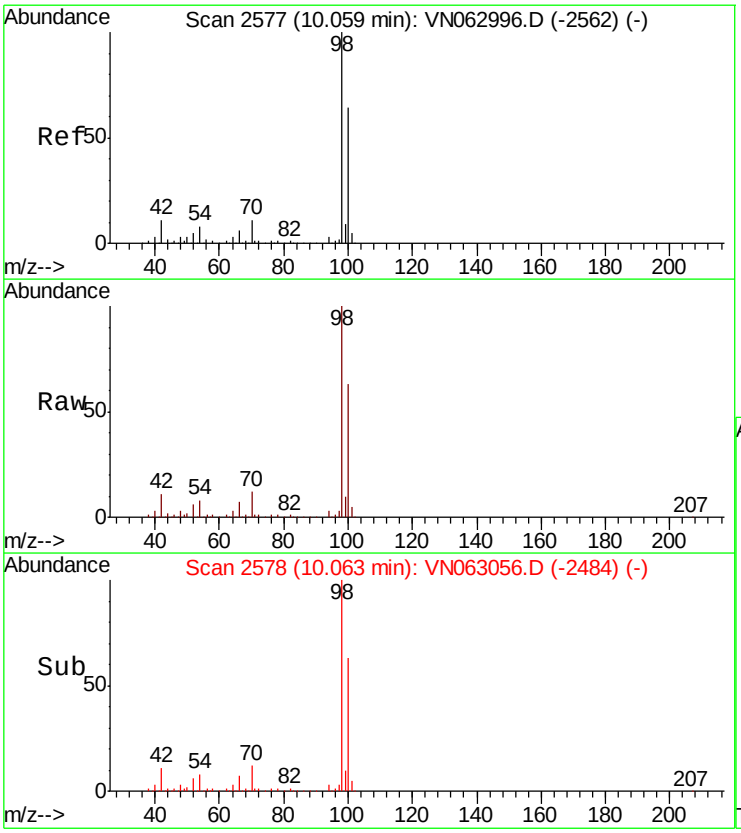
#48
Methyl methacrylate
Concen: 1.079 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument : MSVOA_N
ClientSampleId : GW-02RE

Tgt Ion: 41 Resp: 1595

Ion	Ratio	Lower	Upper
41	100		
69	43.9	74.2	111.4#
39	28.4	42.5	63.7#

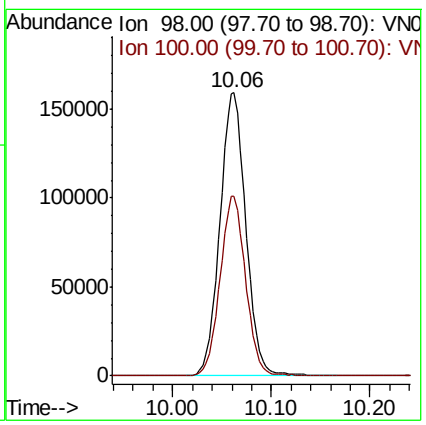


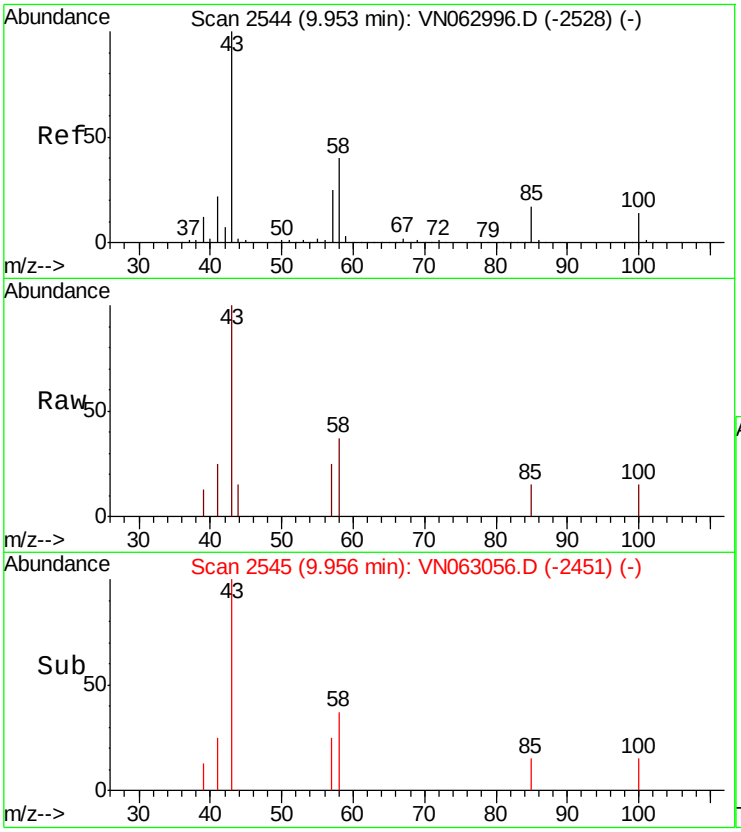


#50
Toluene-d8
Concen: 51.322 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 98 Resp: 293484

Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.2	76.8



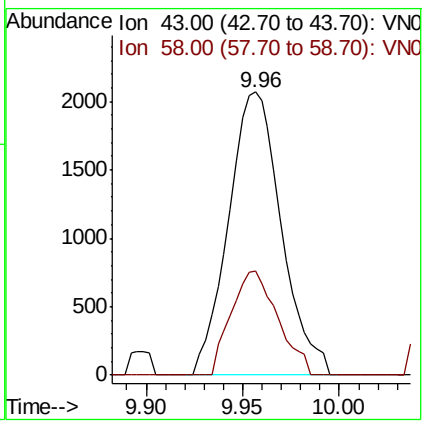


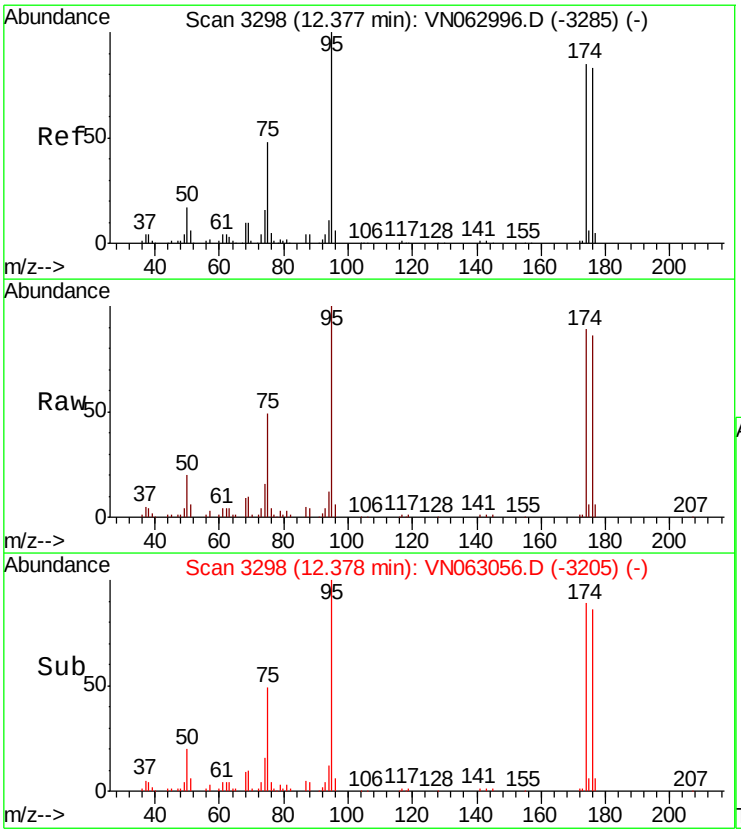
#51
4-Methyl-2-Pentanone
Concen: 1.993 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion: 43 Resp: 3938

Ion	Ratio	Lower	Upper
43	100		
58	32.5	32.2	48.2

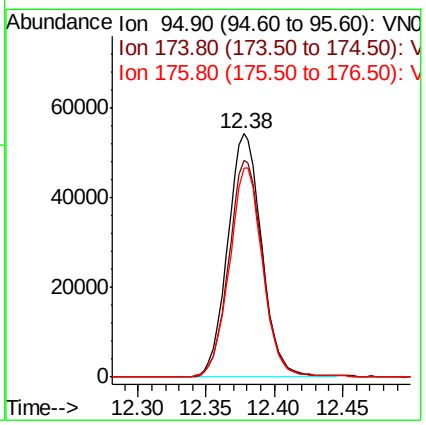


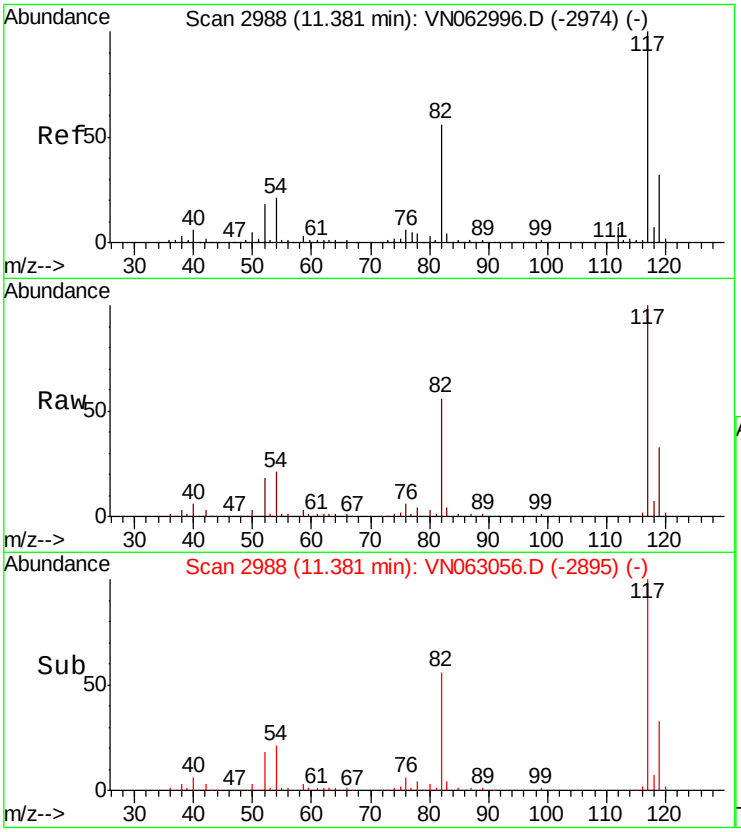


#62
4-Bromofluorobenzene
Concen: 46.420 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 95 Resp: 93673

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	170.8
176	84.1	0.0	164.8



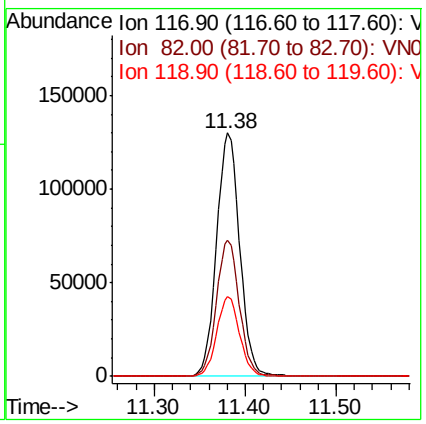


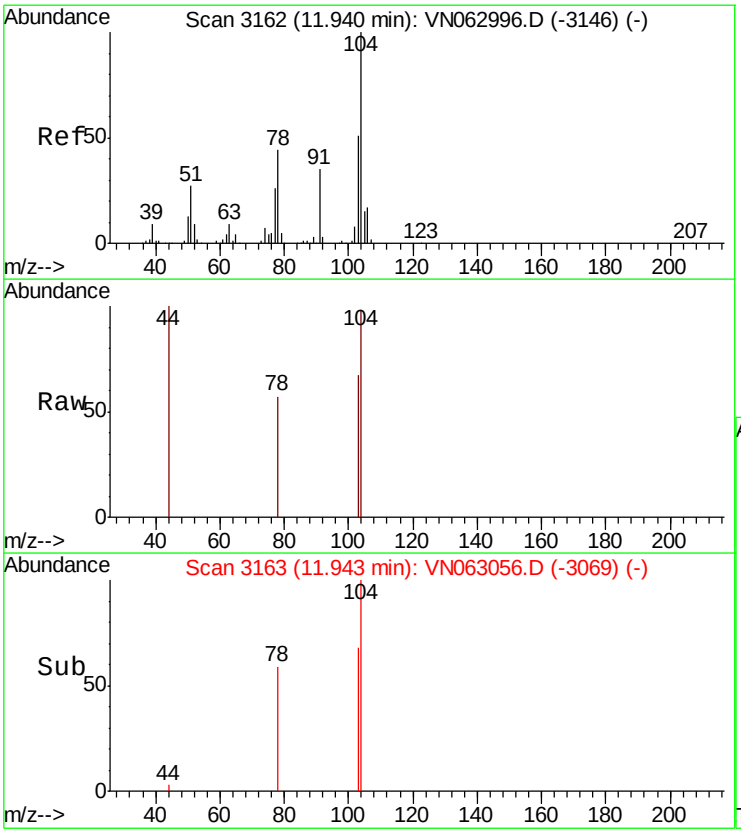
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument : MSVOA_N
ClientSampleId : GW-02RE

Tgt Ion:117 Resp: 229826

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.5	66.7
119	32.7	25.5	38.3

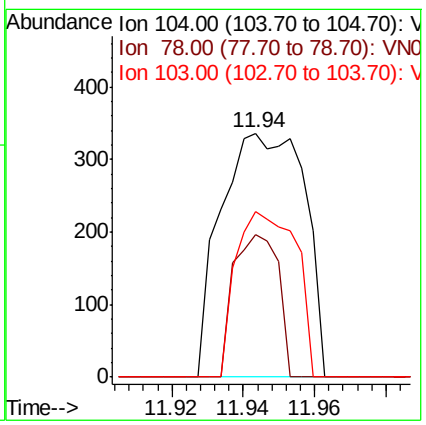


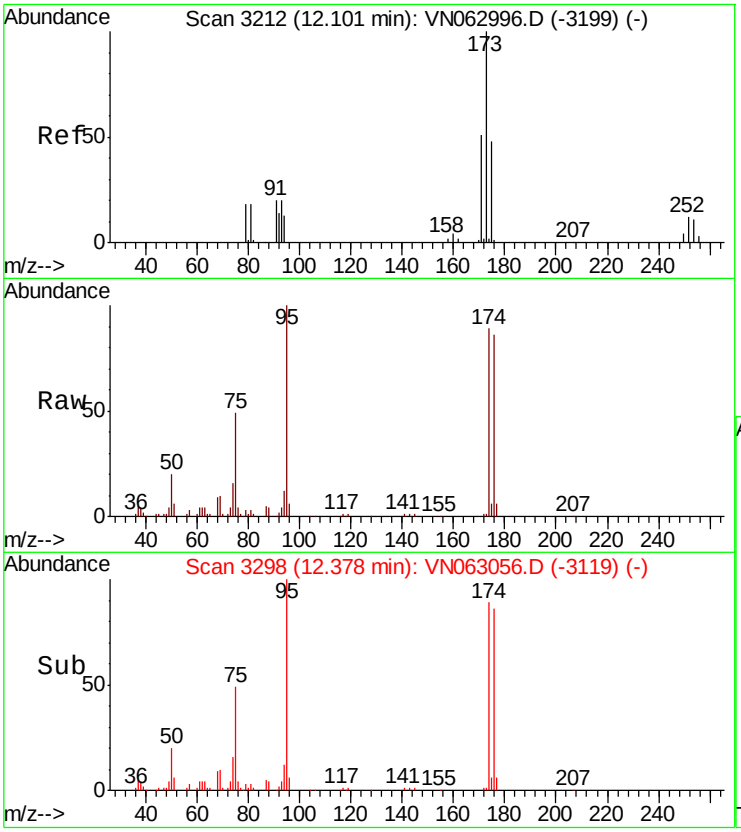


#70
Styrene
Concen: 2.018 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion:104 Resp: 541

Ion	Ratio	Lower	Upper
104	100		
78	31.2	39.0	58.6#
103	49.2	44.3	66.5



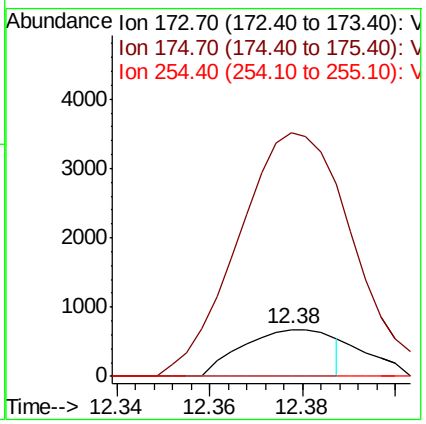


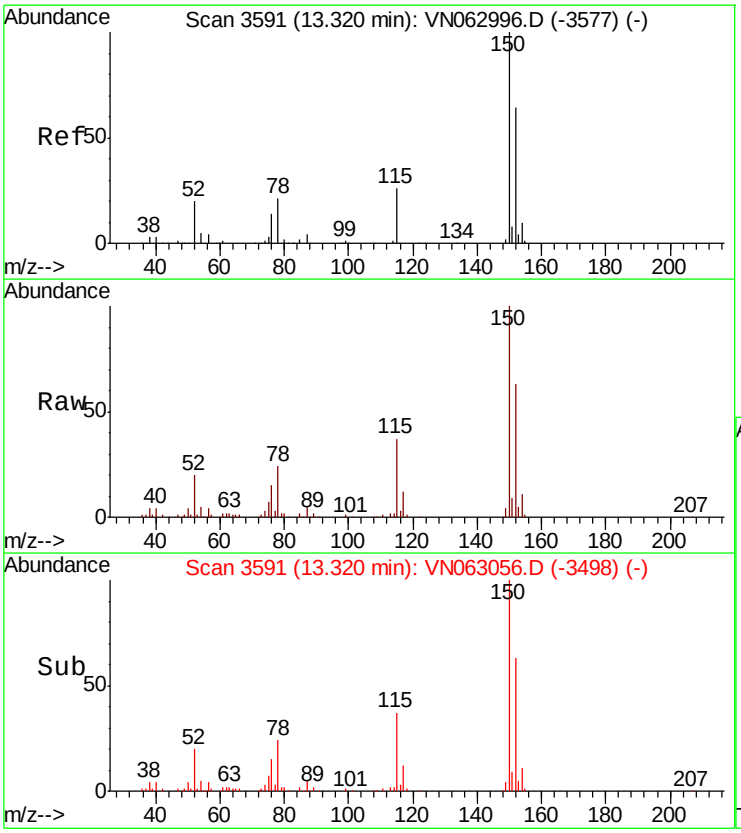
#71
Bromoform
Concen: 0.647 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument : MSVOA_N
ClientSampleId : GW-02RE

Tgt Ion:173 Resp: 924

Ion	Ratio	Lower	Upper
173	100		
175	536.0	24.3	72.8#
254	0.0	0.0	0.0

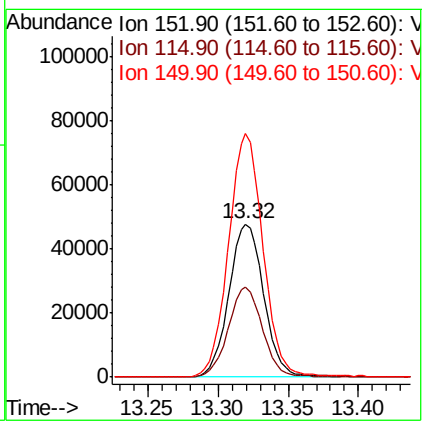


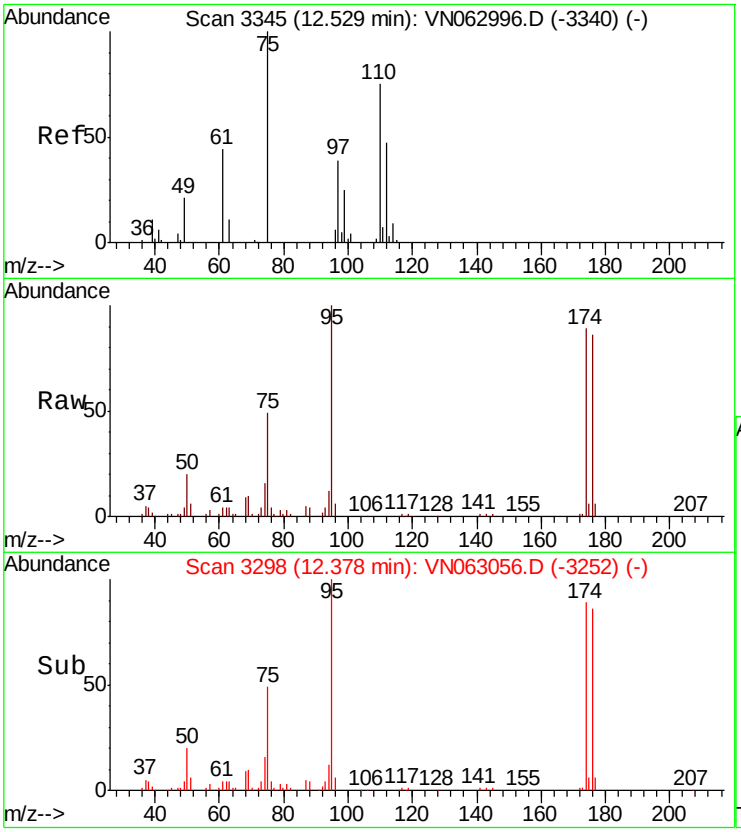


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion:152 Resp: 82753

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.7	86.3
150	158.0	0.0	348.8



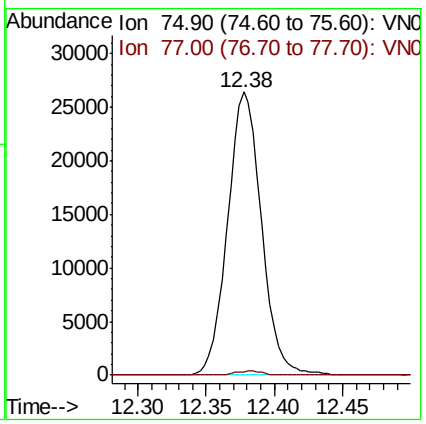


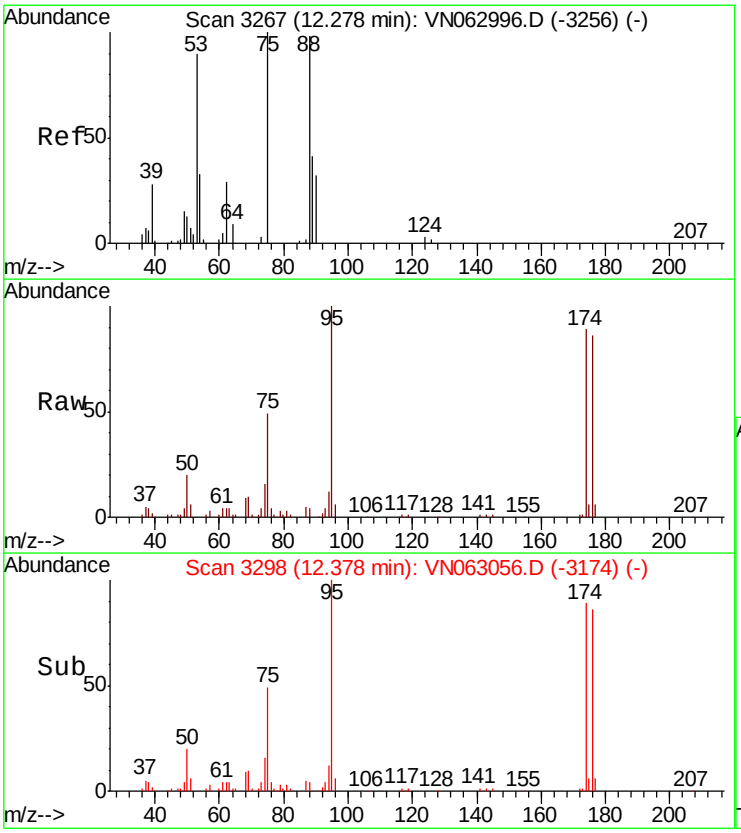
#76
1,2,3-Trichloropropane
Concen: 28.254 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion: 75 Resp: 45448

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

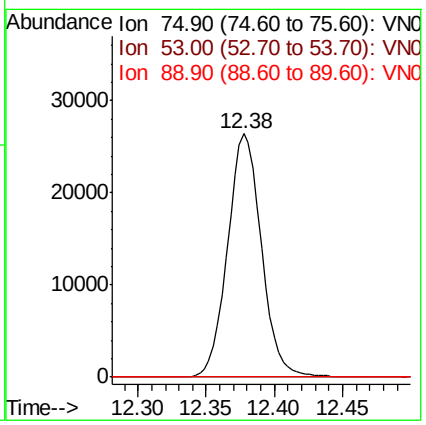


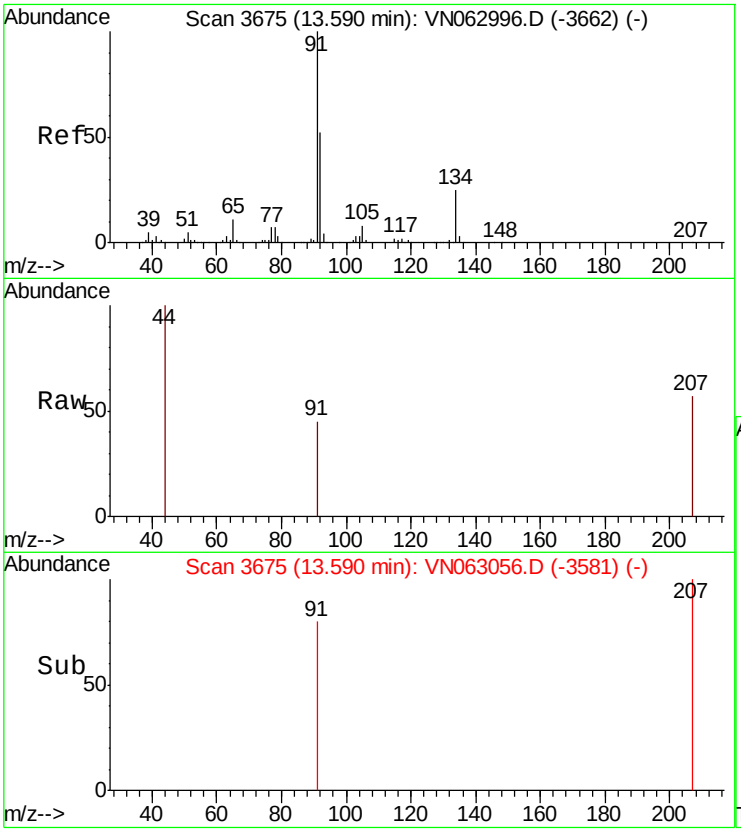


#81
trans-1,4-Dichloro-2-butene
Concen: 77.599 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion: 75 Resp: 45448

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



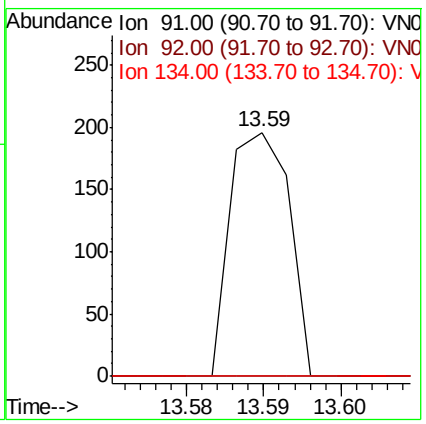


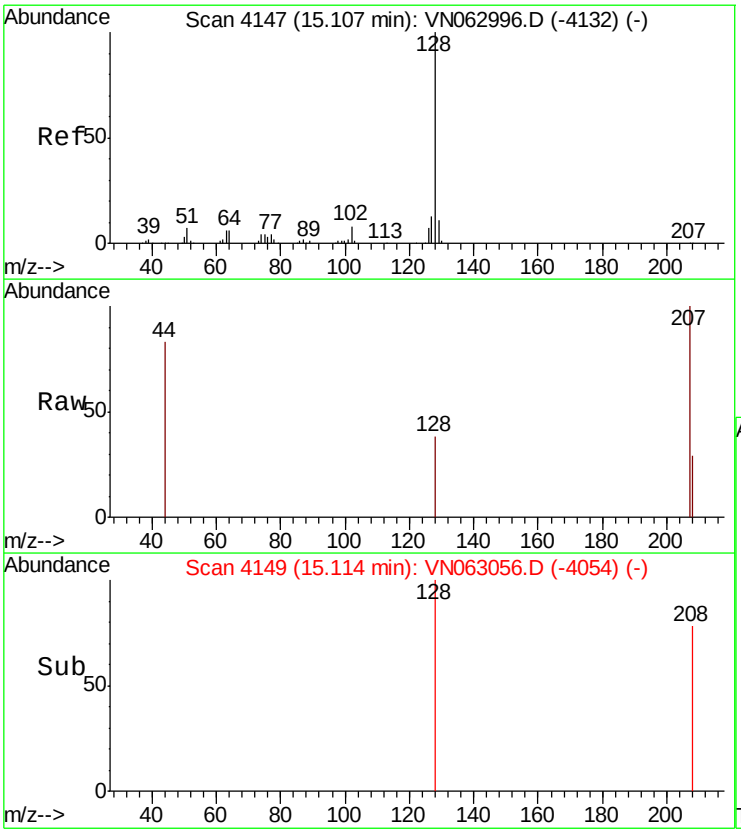
#89
n-Butylbenzene
Concen: 2.792 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Instrument :
MSVOA_N
ClientSampleId :
GW-02RE

Tgt Ion: 91 Resp: 104

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





#95
Naphthalene
Concen: 5.700 ug/l
RT: 15.11 min Scan# 4149
Delta R.T. 0.01 min
Lab File: VN063056.D
Acq: 21 Aug 2020 00:28

Tgt Ion:128 Resp: 213

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