Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052020\
Data File : VN061508.D
Acq On : 20 May 2020 18:13
Operator : JC/MD
Sample : L2676-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S32-0688

Quant Time: May 21 02:24:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	516687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189153	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.42%			
35) Dibromofluoromethane	7.55	113	150126	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.92%			
50) Toluene-d8	10.06	98	639829	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
62) 4-Bromofluorobenzene	12.38	95	243303	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.74%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.16	62	76437	14.047	ug/l	96
21) trans-1,2-Dichloroethene	5.00	96	6406	1.933	ug/l	86
27) cis-1,2-Dichloroethene	6.78	96	53336	13.626	ug/l	85

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

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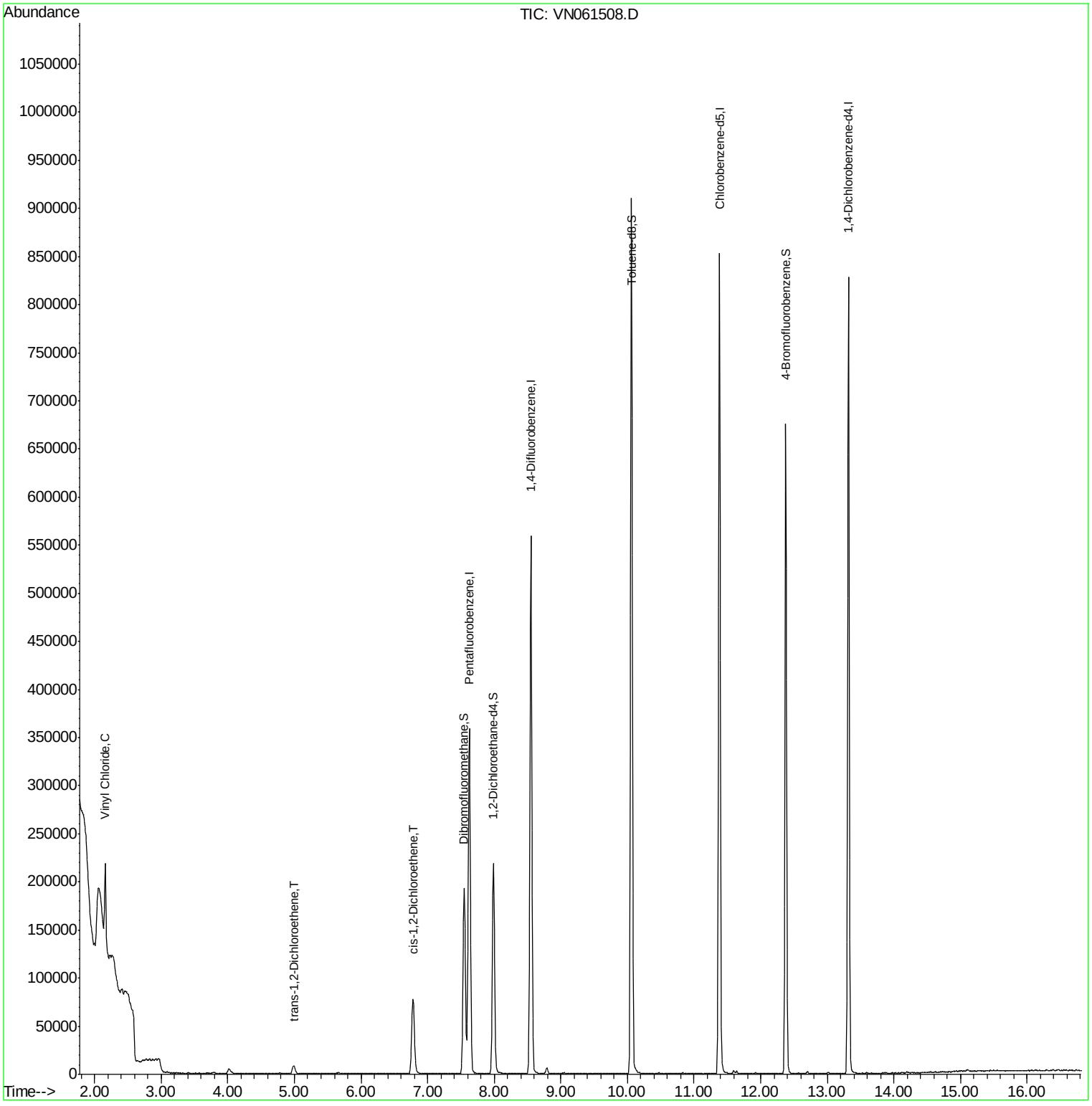
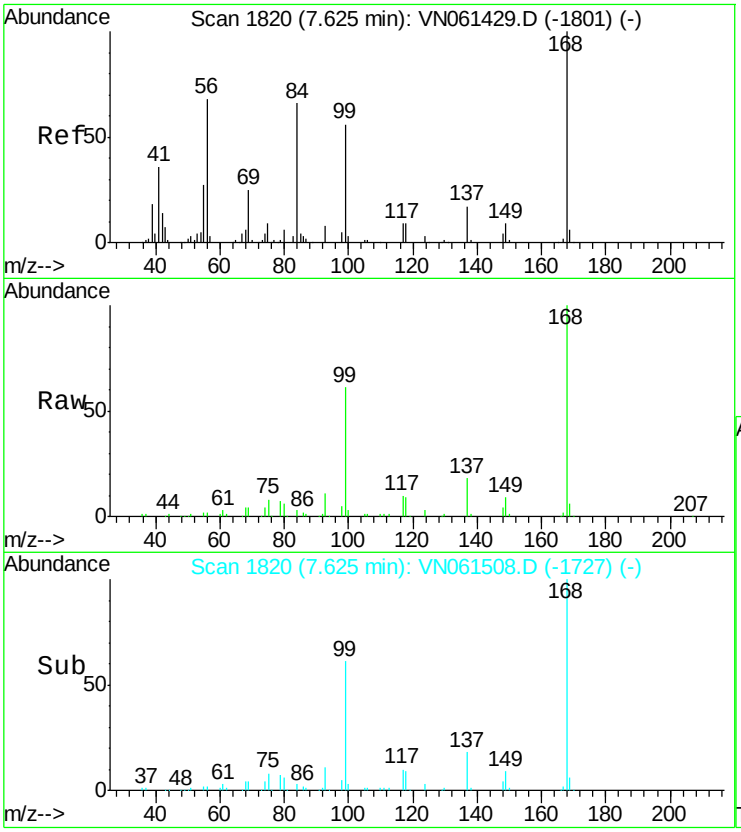


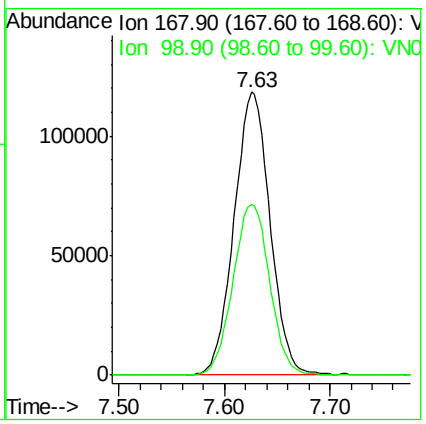


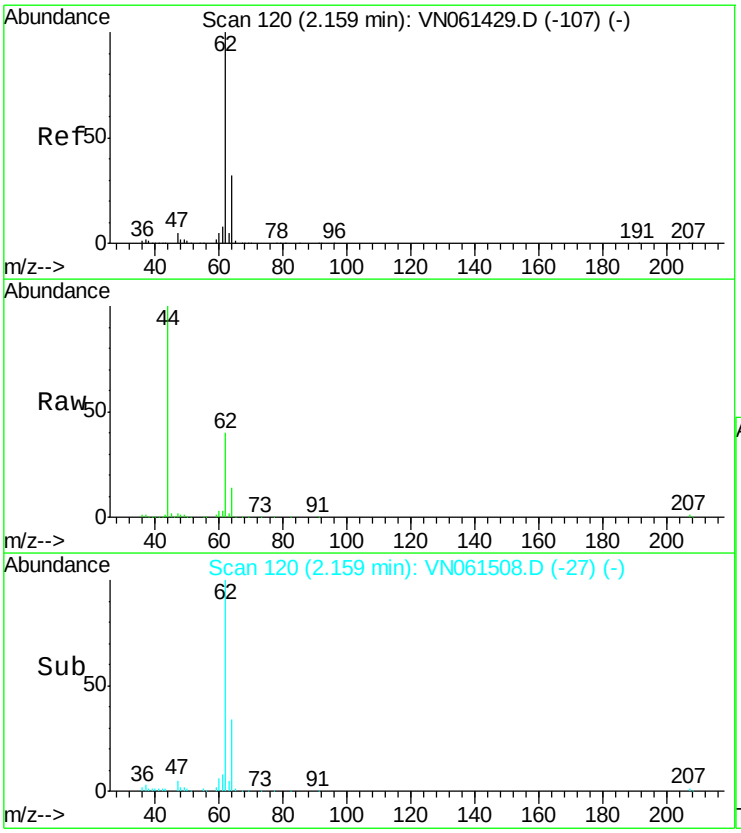
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Instrument :
MSVOA_N
ClientSampleId :
S32-0688

Tgt Ion:168 Resp: 280360

Ion	Ratio	Lower	Upper
168	100		
99	60.5	51.1	76.7

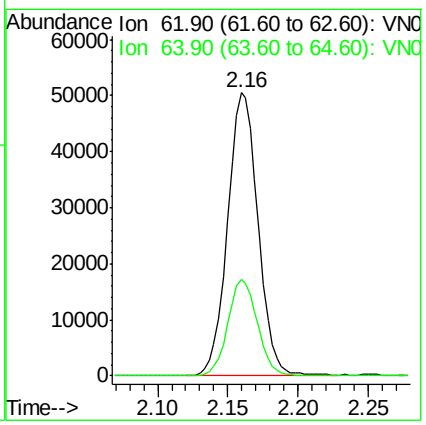


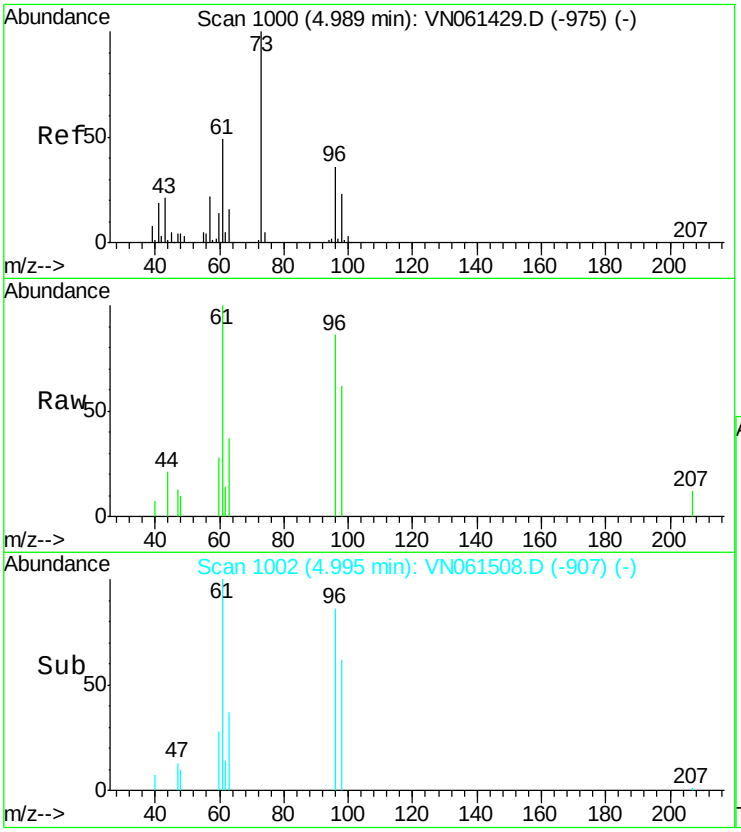


#4
Vinyl Chloride
Concen: 14.047 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Tgt Ion: 62 Resp: 76437

Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.3	37.9



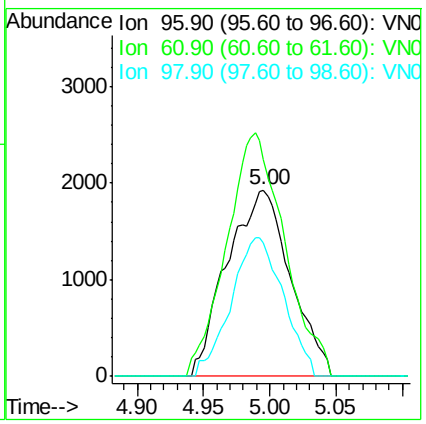


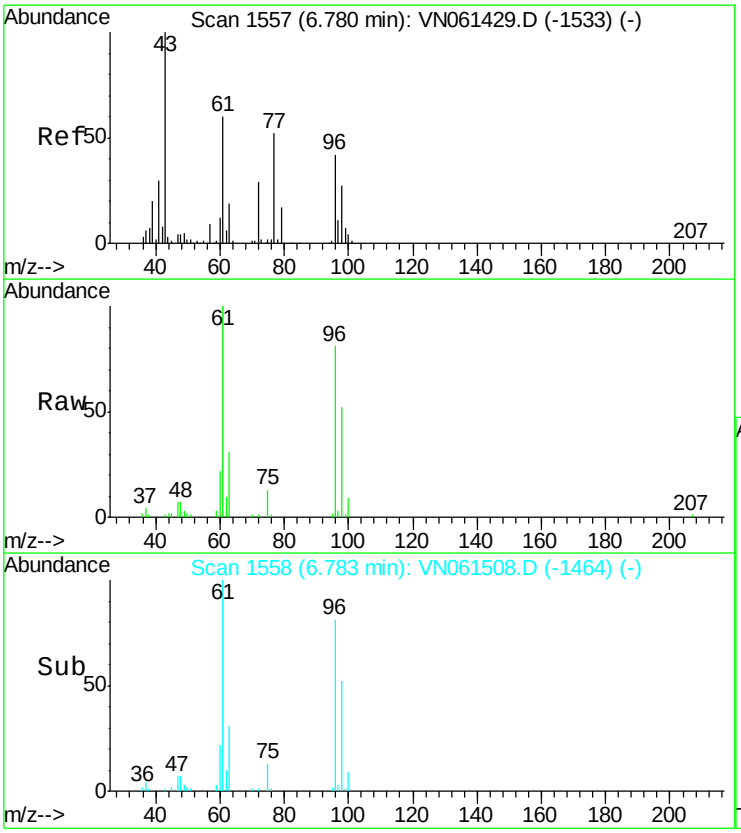
#21
trans-1,2-Dichloroethene
Concen: 1.933 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Instrument :
MSVOA_N
ClientSampleId :
S32-0688

Tgt Ion: 96 Resp: 6406

Ion	Ratio	Lower	Upper
96	100		
61	116.2	109.8	164.6
98	71.6	52.4	78.6

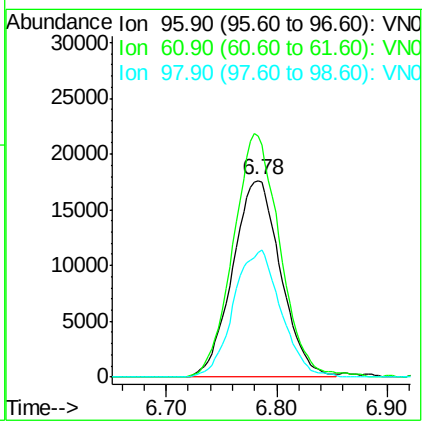


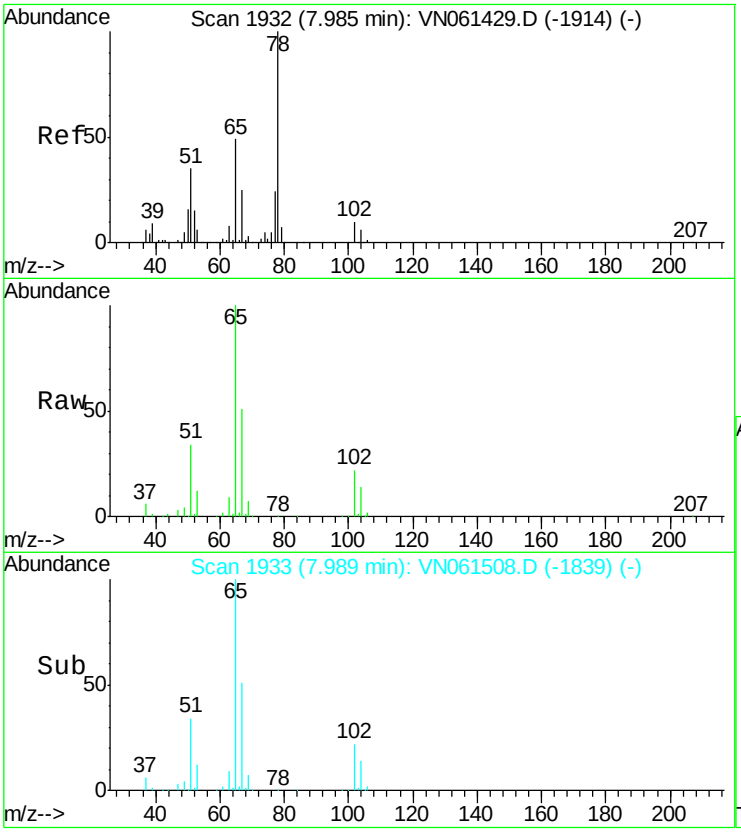


#27
cis-1,2-Dichloroethene
Concen: 13.626 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Tgt Ion: 96 Resp: 53336

Ion	Ratio	Lower	Upper
96	100		
61	120.6	0.0	294.2
98	63.6	0.0	128.2



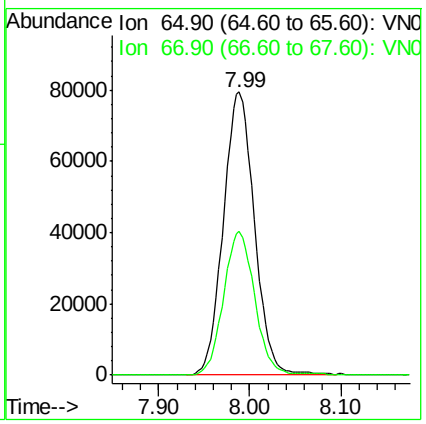


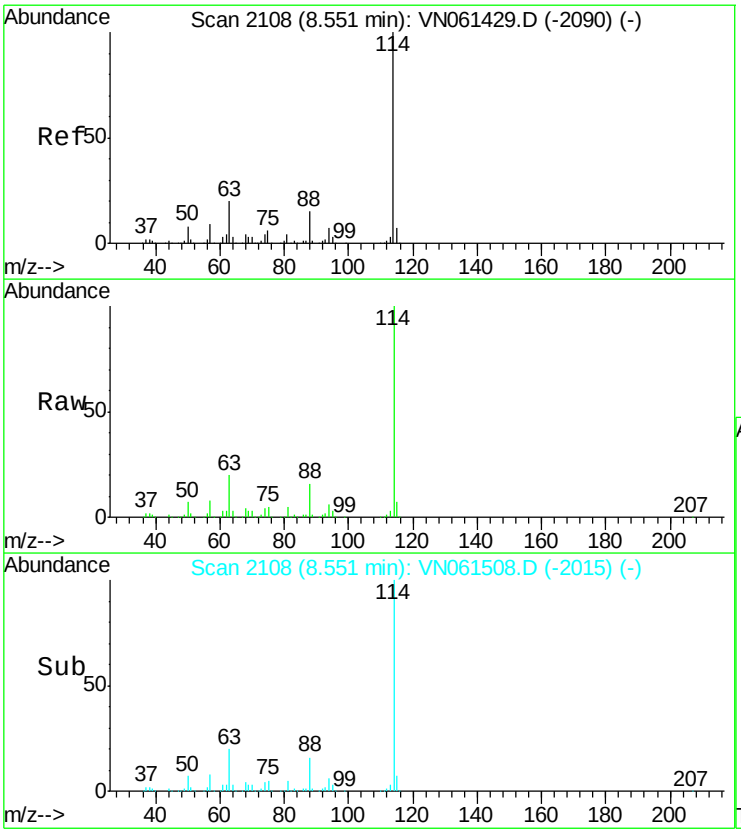
#33
1,2-Dichloroethane-d4
Concen: 45.206 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Instrument : MSVOA_N
ClientSampleId : S32-0688

Tgt Ion: 65 Resp: 189153

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.4

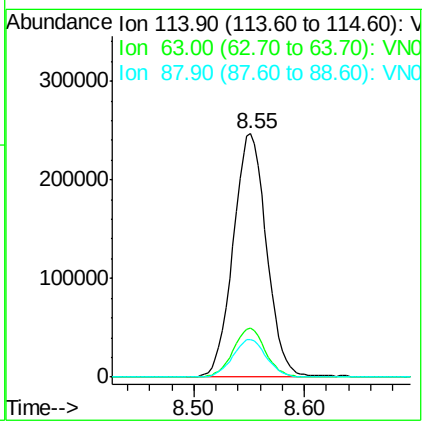


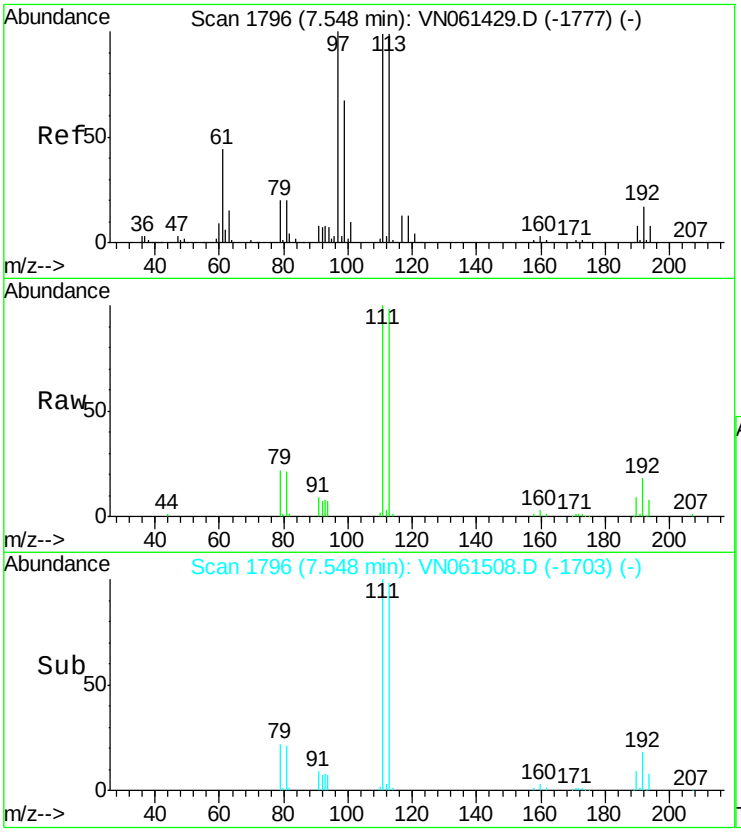


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Tgt Ion:114 Resp: 516687

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.6	0.0	30.8



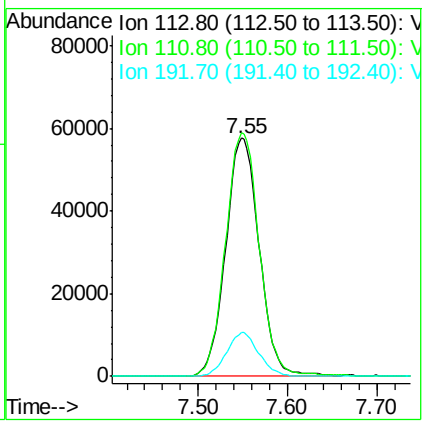


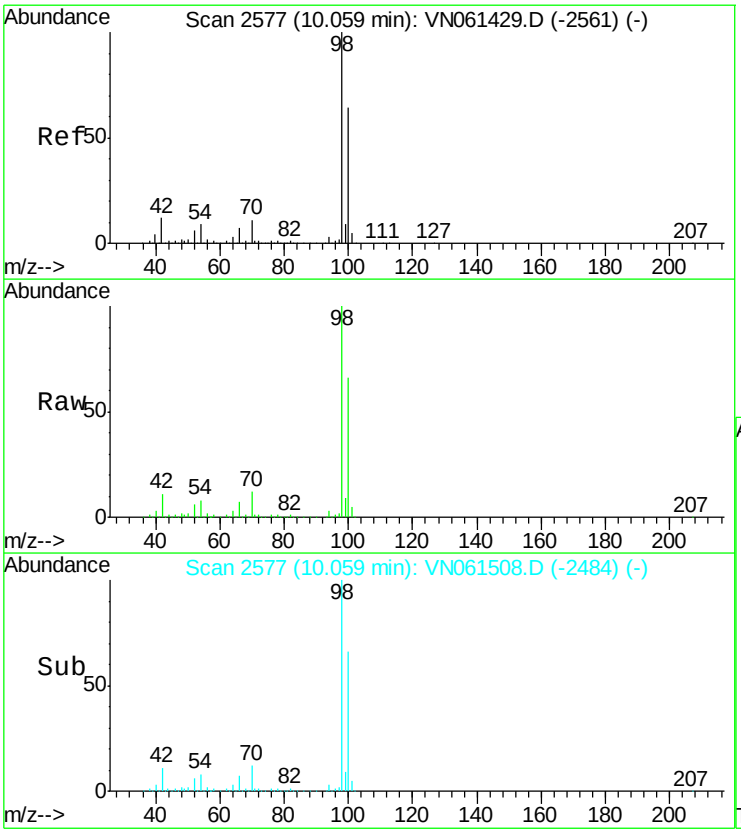
#35
Dibromofluoromethane
Concen: 55.463 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Instrument : MSVOA_N
ClientSampleId : S32-0688

Tgt Ion:113 Resp: 150126

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	17.6	13.2	19.8

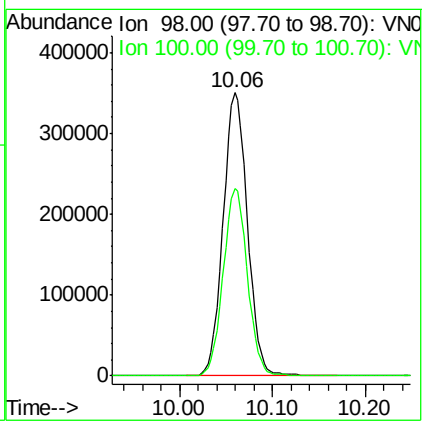


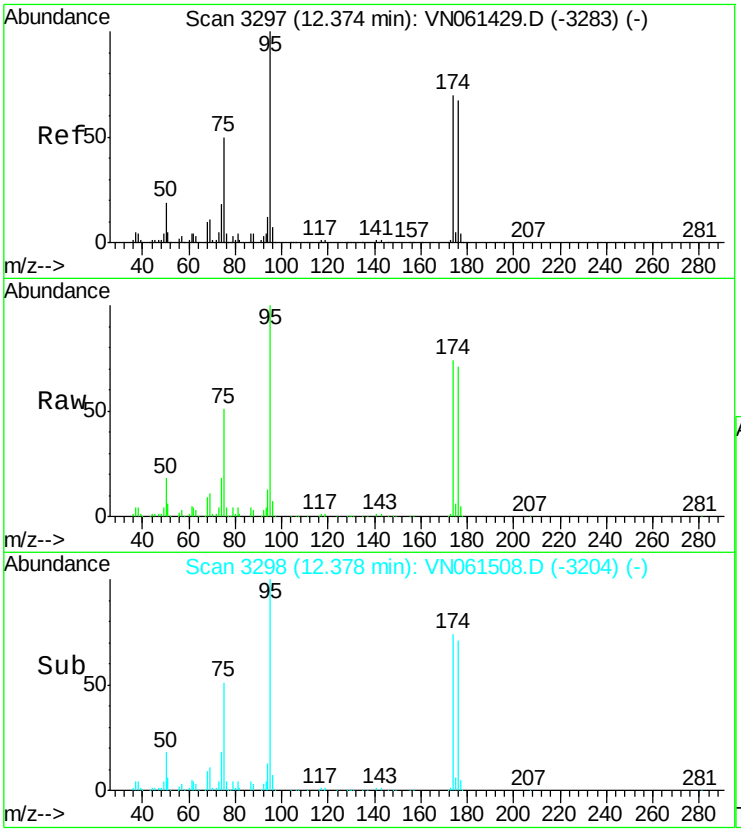


#50
Toluene-d8
Concen: 50.963 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Tgt Ion: 98 Resp: 639829

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.8	77.8



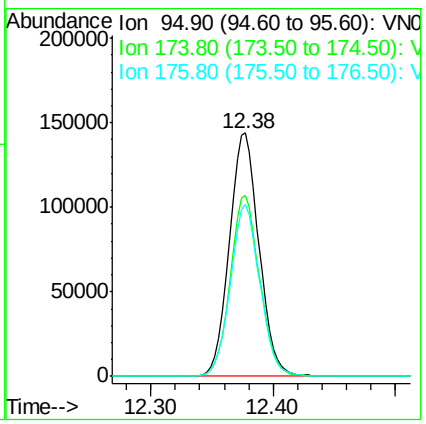


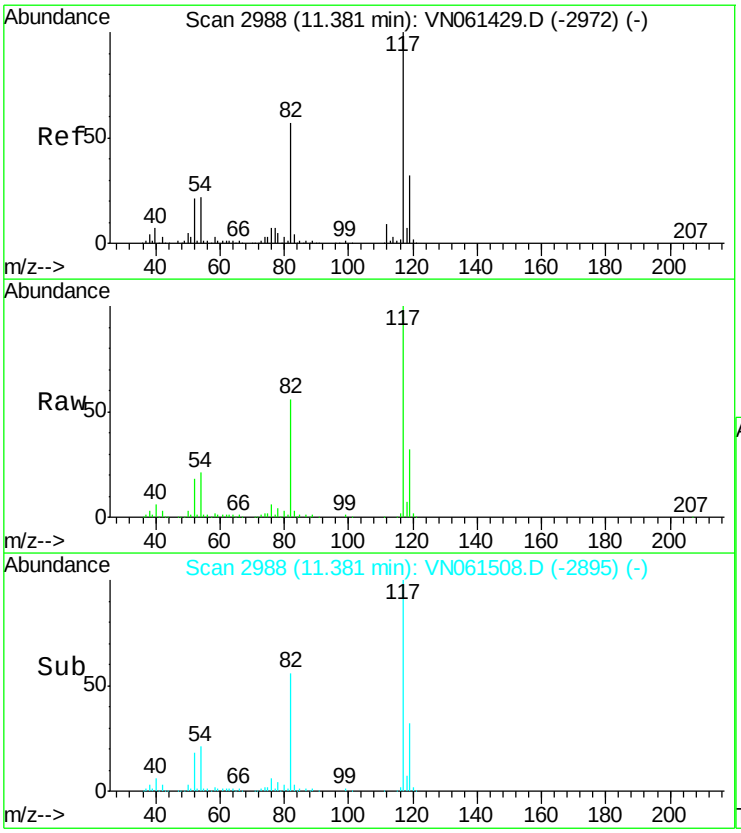
#62
4-Bromofluorobenzene
Concen: 51.871 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Instrument : MSVOA_N
ClientSampleId : S32-0688

Tgt Ion: 95 Resp: 243303

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	141.2
176	70.5	0.0	137.6

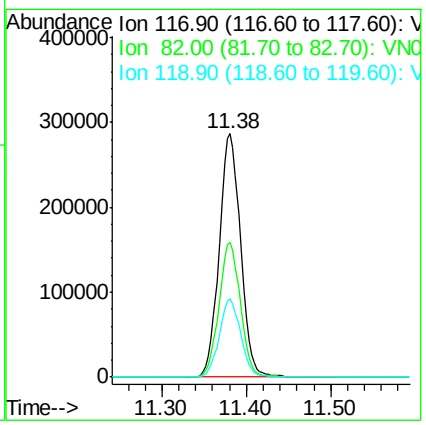


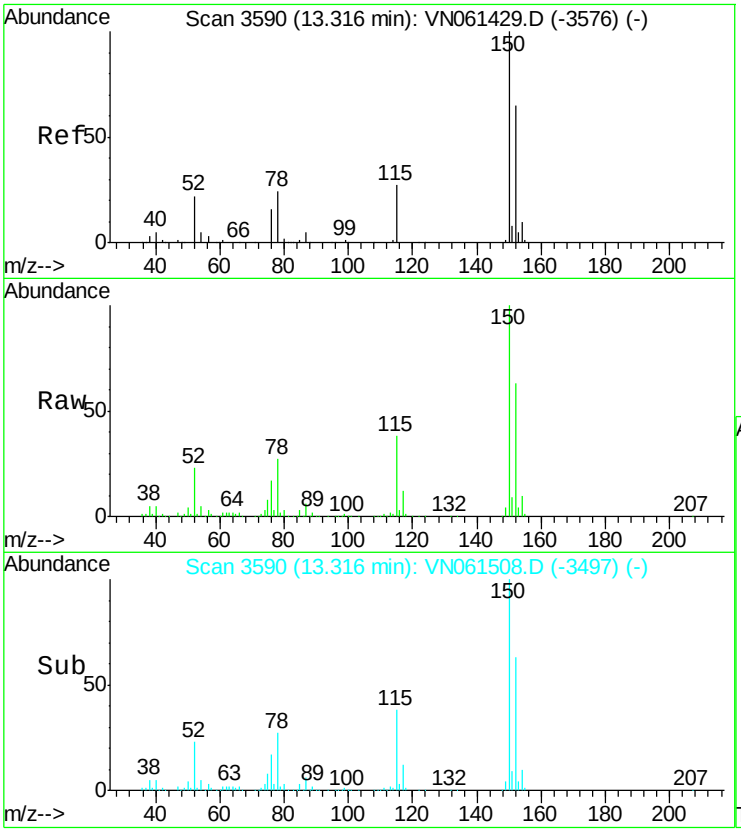


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Tgt Ion:117 Resp: 503821

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.2	67.8
119	32.0	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061508.D
Acq: 20 May 2020 18:13

Instrument :
MSVOA_N
ClientSampleId :
S32-0688

Tgt Ion:152 Resp: 217328

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.9	92.5
150	158.8	0.0	349.2