Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
Data File : VN055520.D
Acq On : 10 May 2019 1:39
Operator : JC/SP
Sample : K2758-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CKMW-03

Quant Time: May 10 13:51:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	915477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1512630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1249352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	330097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	608204	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.24%			
35) Dibromofluoromethane	7.59	113	474627	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
50) Toluene-d8	10.09	98	1822985	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%			
62) 4-Bromofluorobenzene	12.40	95	512800	40.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.73	96	16894	1.688	ug/l	89
19) Methyl tert-butyl Ether	5.05	73	9968	0.300	ug/l	97
24) 1,1-Dichloroethane	5.85	63	56245	2.502	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	123591	9.858	ug/l	92
44) Trichloroethene	8.84	130	83119	7.553	ug/l	96
64) Tetrachloroethene	10.63	164	82953	8.103	ug/l	98

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

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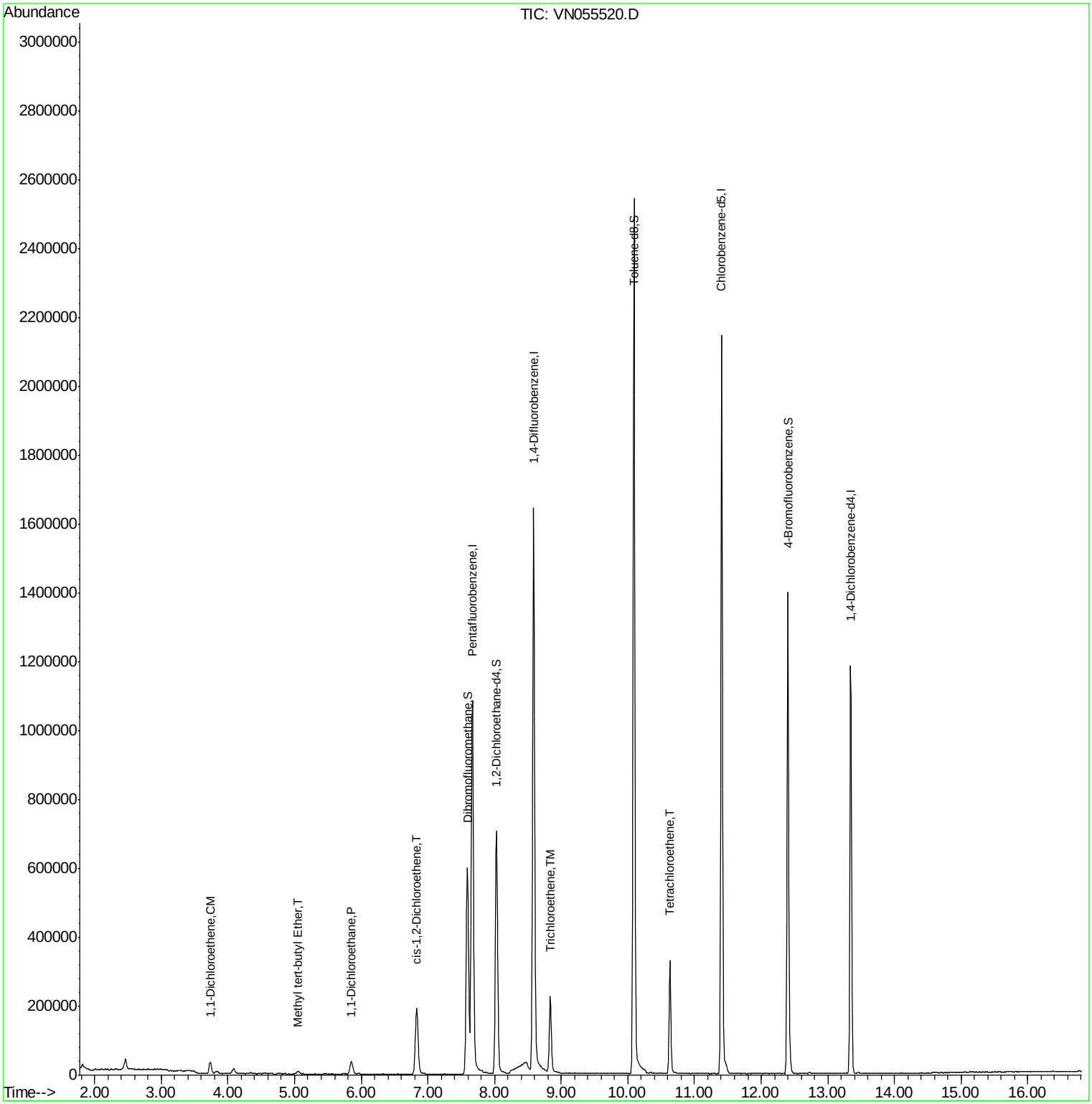
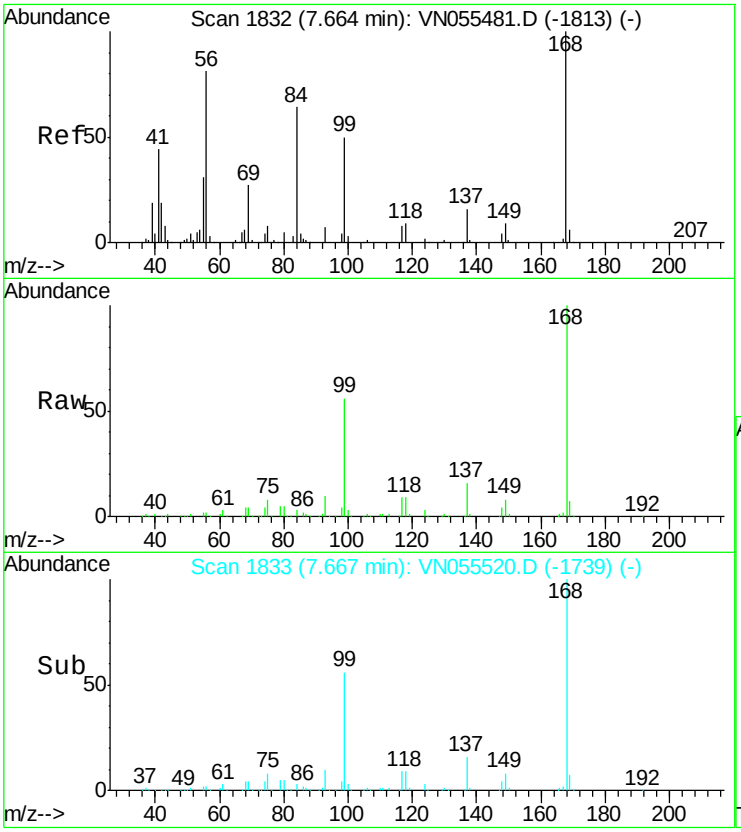


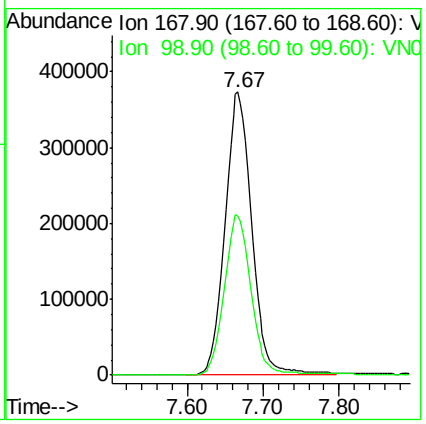


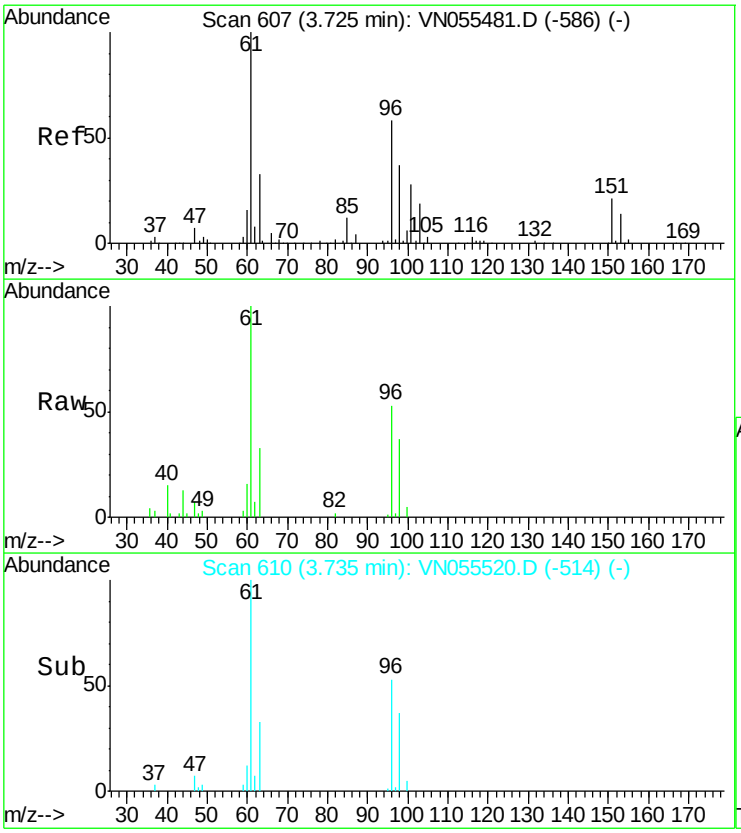
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Instrument :
MSVOA_N
ClientSampleId :
CKMW-03

Tgt Ion:168 Resp: 915477

Ion	Ratio	Lower	Upper
168	100		
99	56.5	47.0	70.4

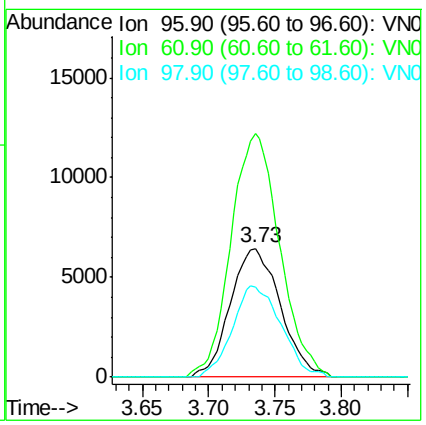


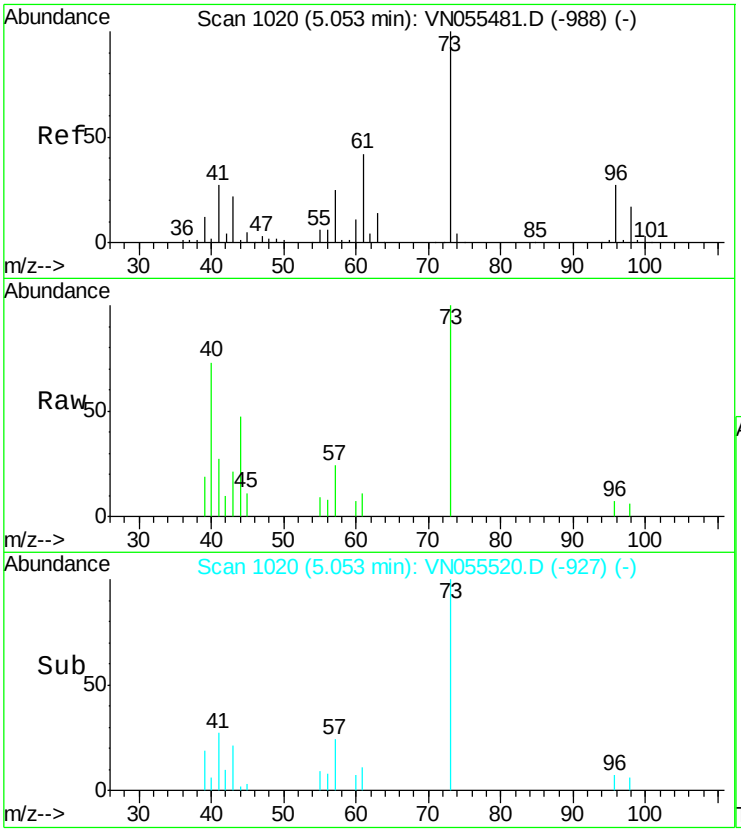


#12
1,1-Dichloroethene
Concen: 1.688 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.01 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Tgt Ion: 96 Resp: 16894

Ion	Ratio	Lower	Upper
96	100		
61	189.2	138.7	208.1
98	69.6	50.6	76.0



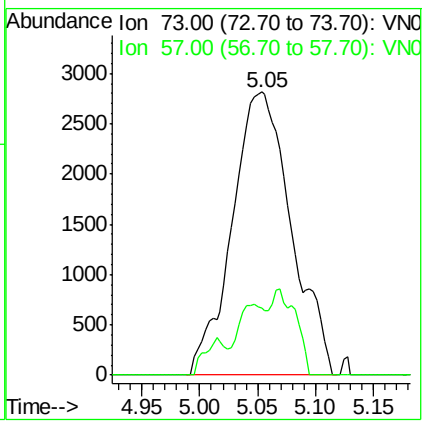


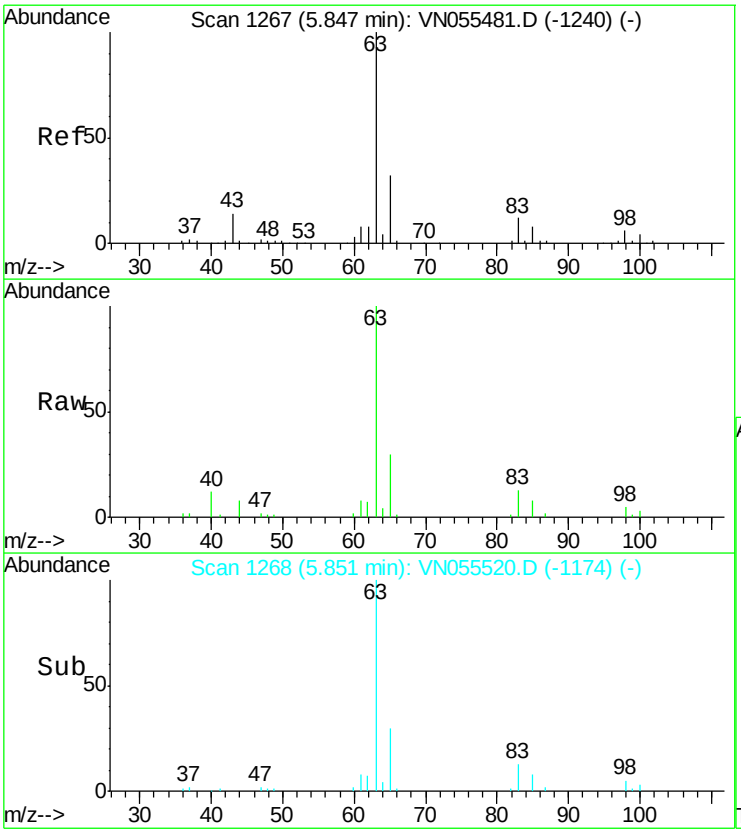
#19
Methyl tert-butyl Ether
Concen: 0.300 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Instrument :
MSVOA_N
ClientSampleId :
CKMW-03

Tgt Ion: 73 Resp: 9968

Ion	Ratio	Lower	Upper
73	100		
57	23.6	20.0	30.0

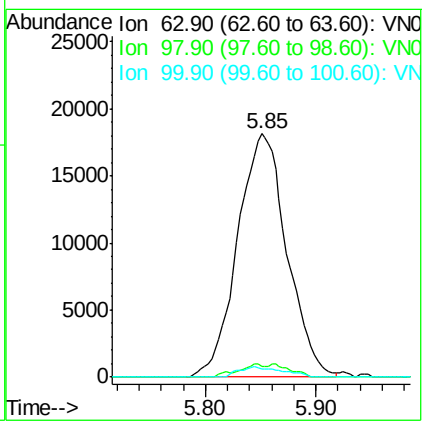


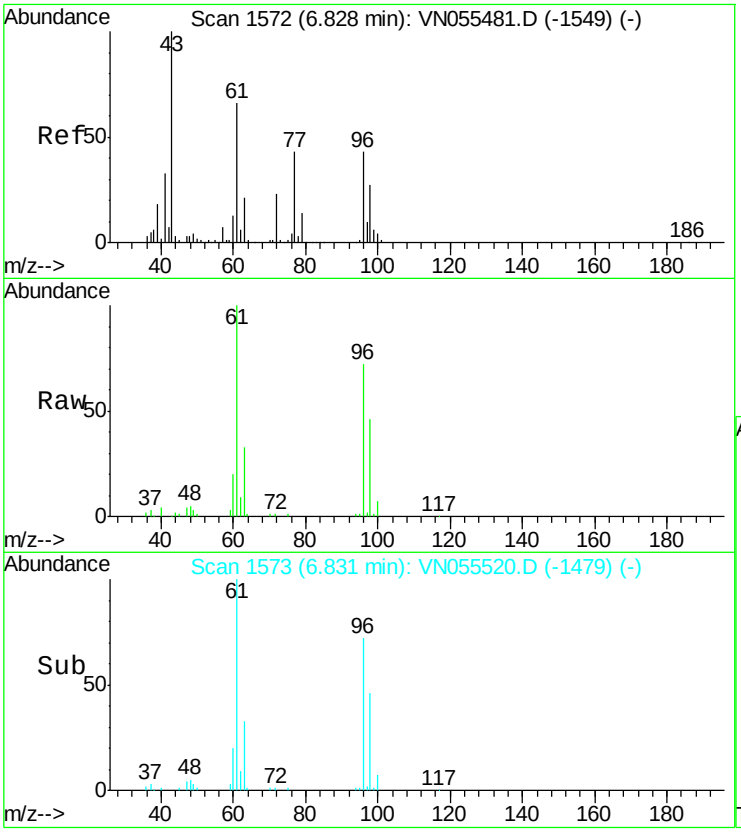


#24
1,1-Dichloroethane
Concen: 2.502 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Tgt Ion: 63 Resp: 56245

Ion	Ratio	Lower	Upper
63	100		
98	4.6	3.0	9.0
100	3.4	1.9	5.7



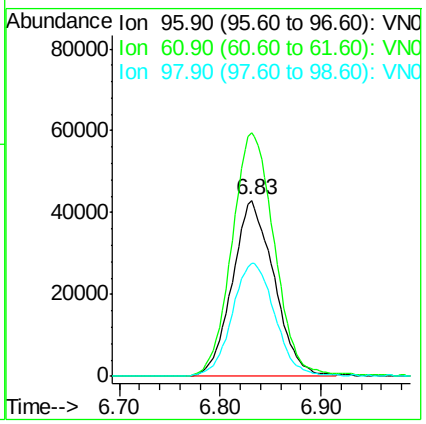


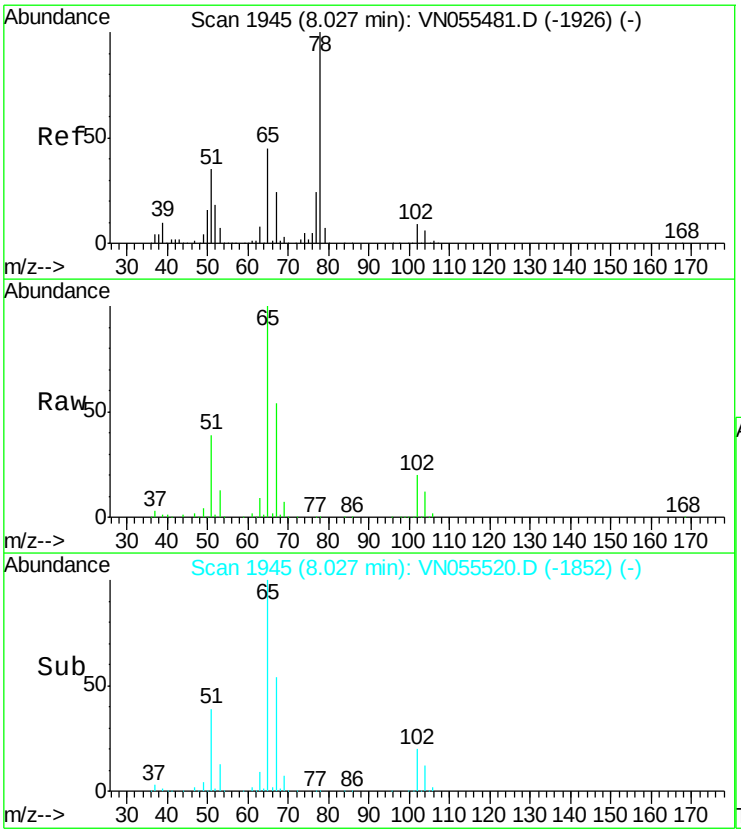
#27
cis-1,2-Dichloroethene
Concen: 9.858 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Instrument :
MSVOA_N
ClientSampleId :
CKMW-03

Tgt Ion: 96 Resp: 123591

Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	310.8
98	65.8	0.0	129.4

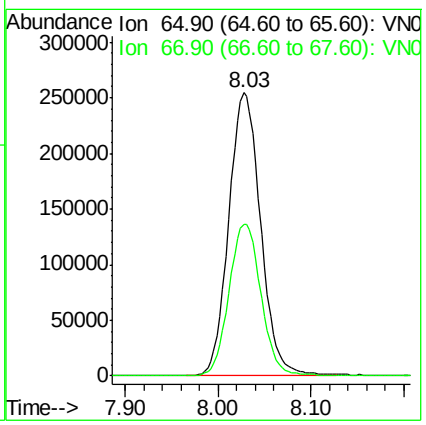


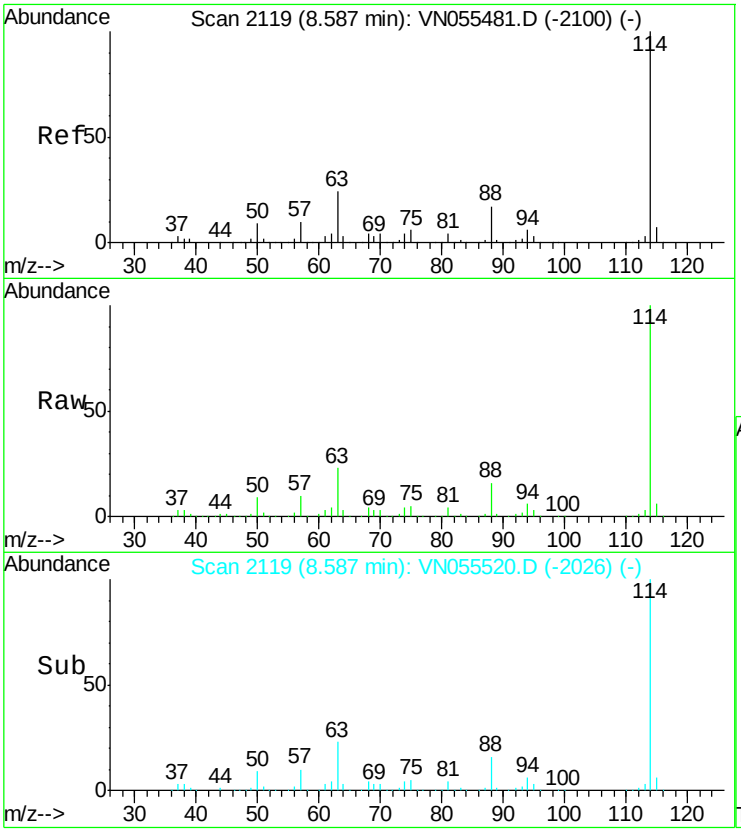


#33
1,2-Dichloroethane-d4
Concen: 44.124 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Tgt Ion: 65 Resp: 608204

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	109.6



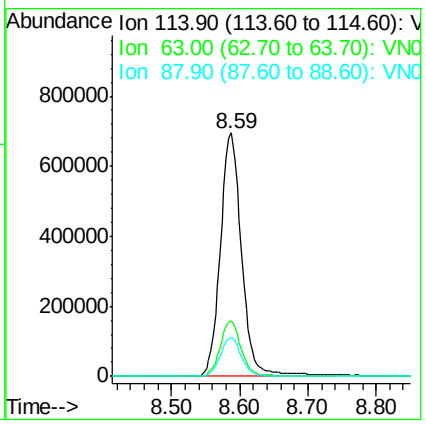


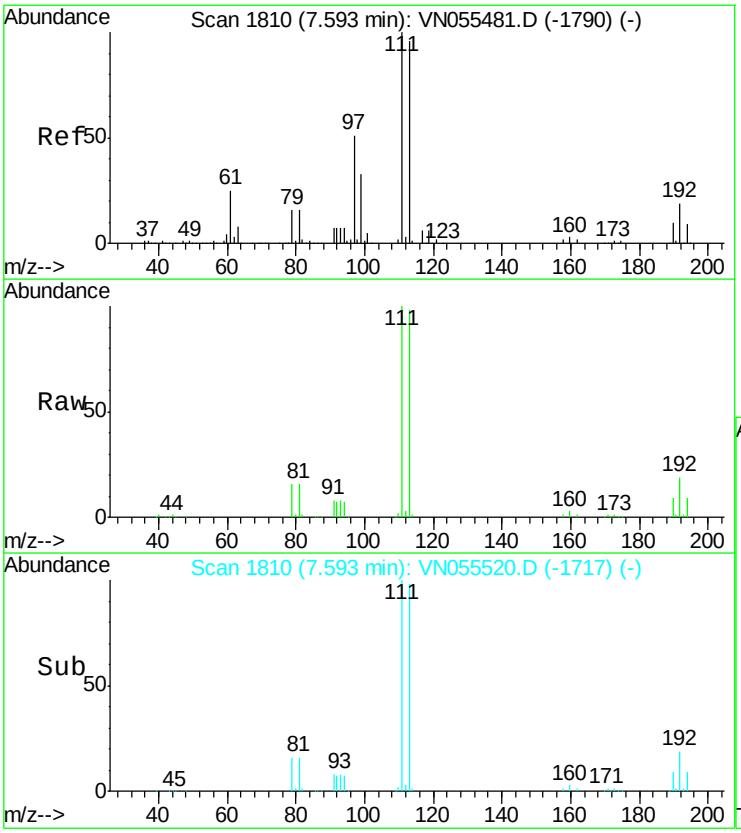
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Instrument :
MSVOA_N
ClientSampleId :
CKMW-03

Tgt Ion:114 Resp: 1512630

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.4
88	16.1	0.0	34.0

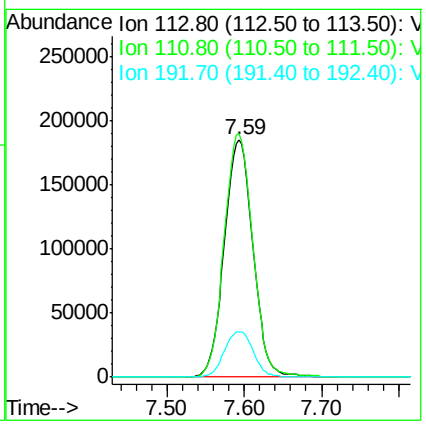


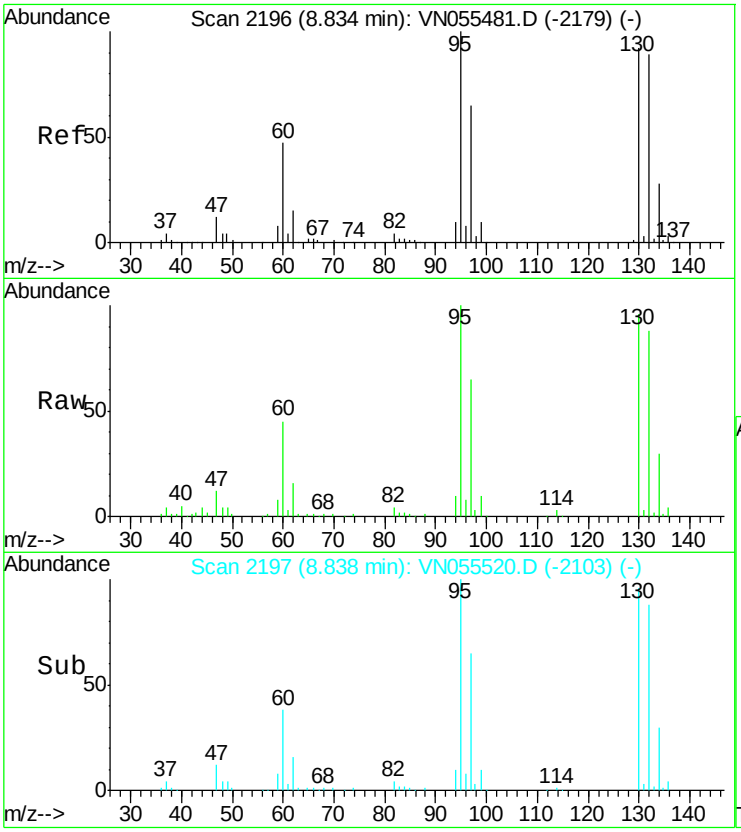


#35
Dibromofluoromethane
Concen: 48.641 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Tgt Ion:113 Resp: 474627

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.4	15.6	23.4



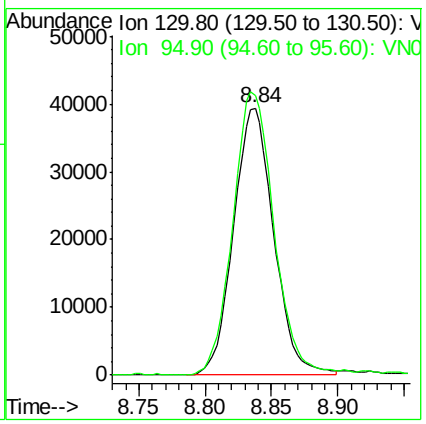


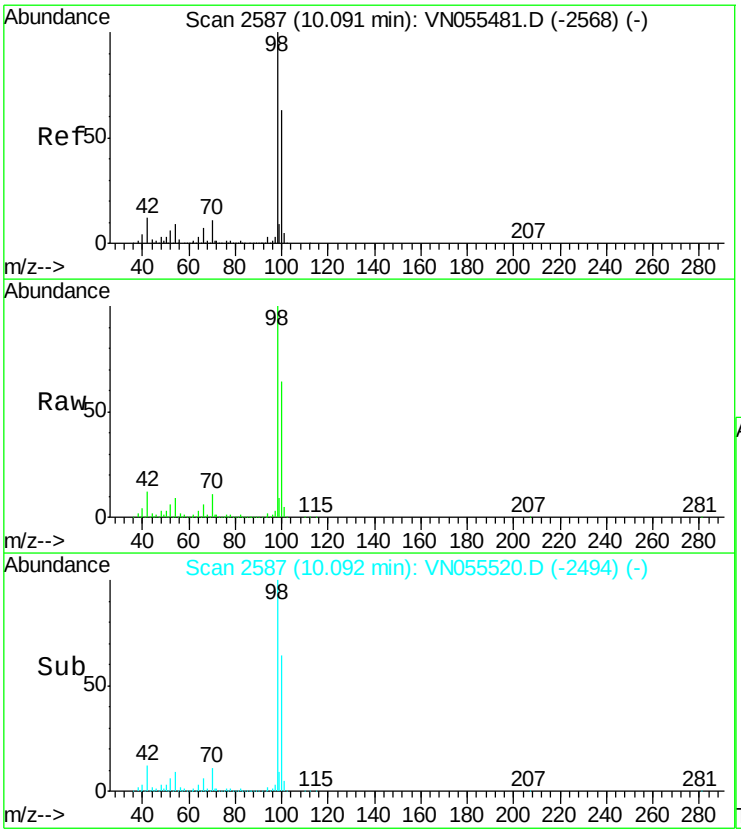
#44
Trichloroethene
Concen: 7.553 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Instrument :
MSVOA_N
ClientSampleId :
CKMW-03

Tgt Ion:130 Resp: 83119

Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	216.8

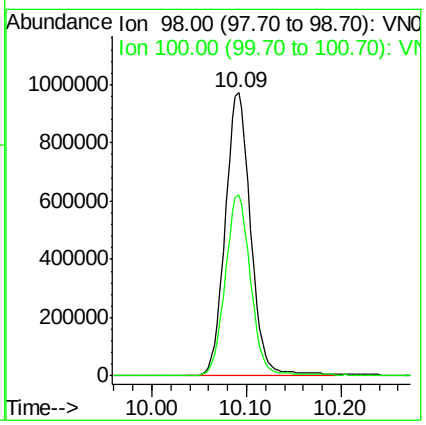


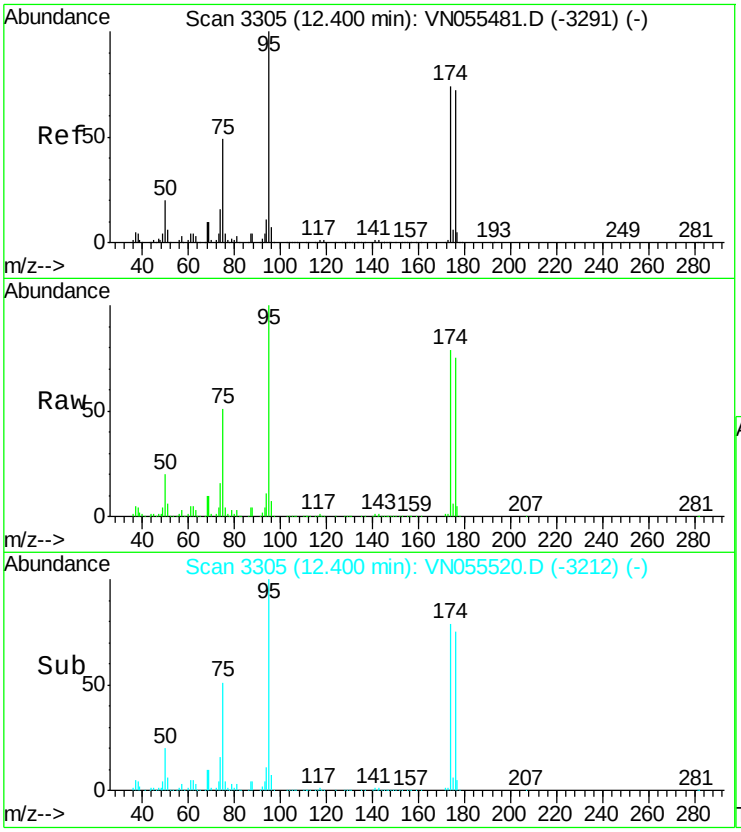


#50
Toluene-d8
Concen: 47.942 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Tgt Ion: 98 Resp: 1822985

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.4	75.6



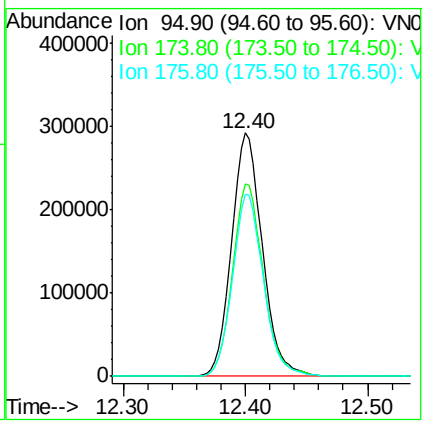


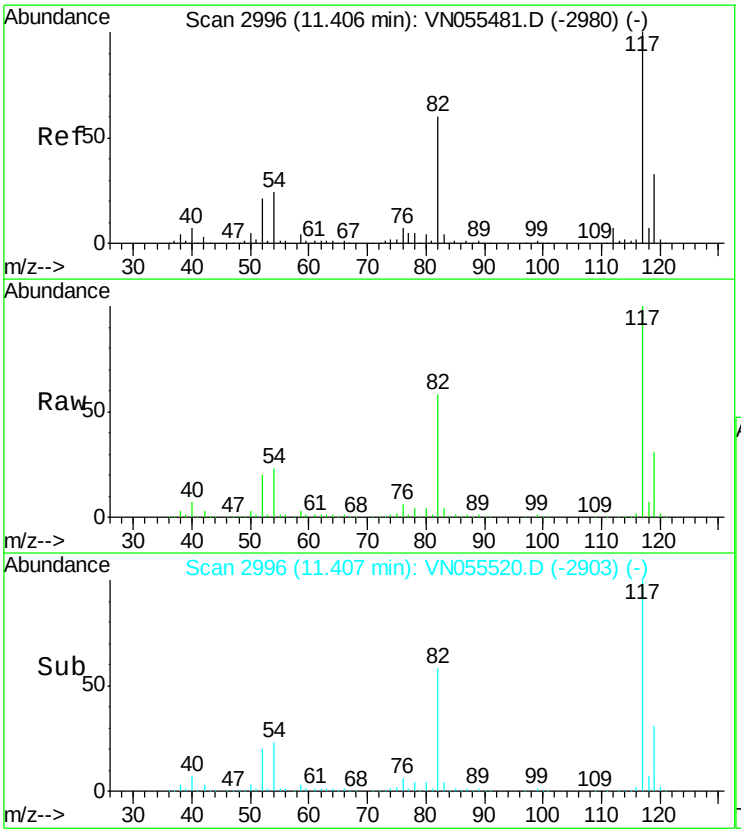
#62
4-Bromofluorobenzene
Concen: 39.996 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Instrument :
MSVOA_N
ClientSampleId :
CKMW-03

Tgt Ion: 95 Resp: 512800

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	152.2
176	74.9	0.0	147.8

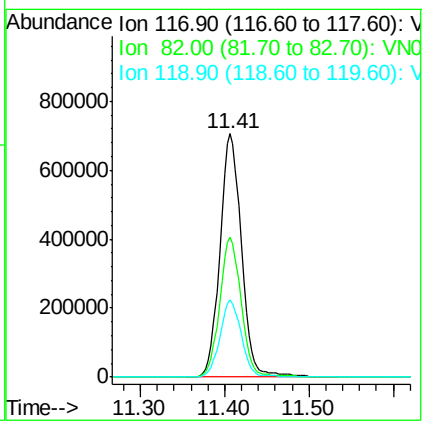


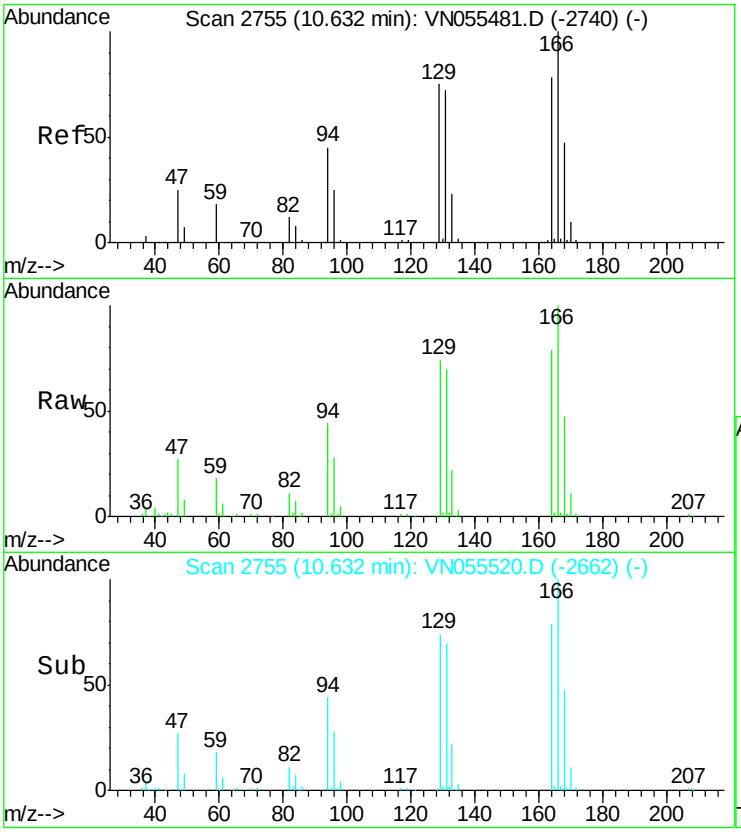


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Tgt Ion:117 Resp: 1249352

Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.0	72.0
119	31.5	26.0	39.0



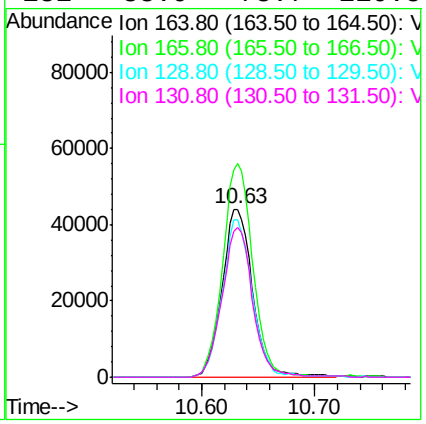


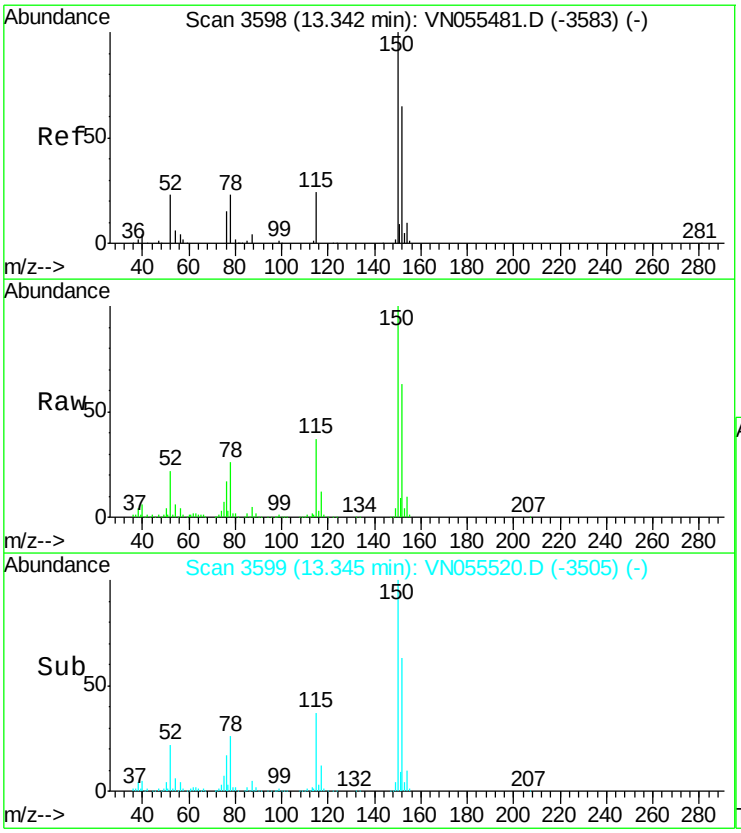
#64
Tetrachloroethene
Concen: 8.103 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Instrument :
MSVOA_N
ClientSampleId :
CKMW-03

Tgt Ion:164 Resp: 82953

Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.6	153.8
129	93.7	77.0	115.6
131	88.9	73.7	110.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055520.D
Acq: 10 May 2019 1:39

Tgt Ion:152 Resp: 330097

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.1	90.5
150	158.2	0.0	355.0