Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100719\
Data File : VN058574.D
Acq On : 7 Oct 2019 18:15
Operator : JC/SP
Sample : K5197-02DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-20B_100219DL

Quant Time: Oct 08 15:22:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	511023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	795758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	346593	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.82%			
35) Dibromofluoromethane	7.57	113	247700	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
50) Toluene-d8	10.08	98	991402	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.78%			
62) 4-Bromofluorobenzene	12.41	95	338250	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.92%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.17	62	6924	1.147	ug/l	96
12) 1,1-Dichloroethene	3.72	96	12370	2.566	ug/l	97
24) 1,1-Dichloroethane	5.82	63	32936	3.100	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	148336	23.675	ug/l	89
44) Trichloroethene	8.82	130	144016	26.667	ug/l	99
64) Tetrachloroethene	10.63	164	8943	2.001	ug/l	96

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

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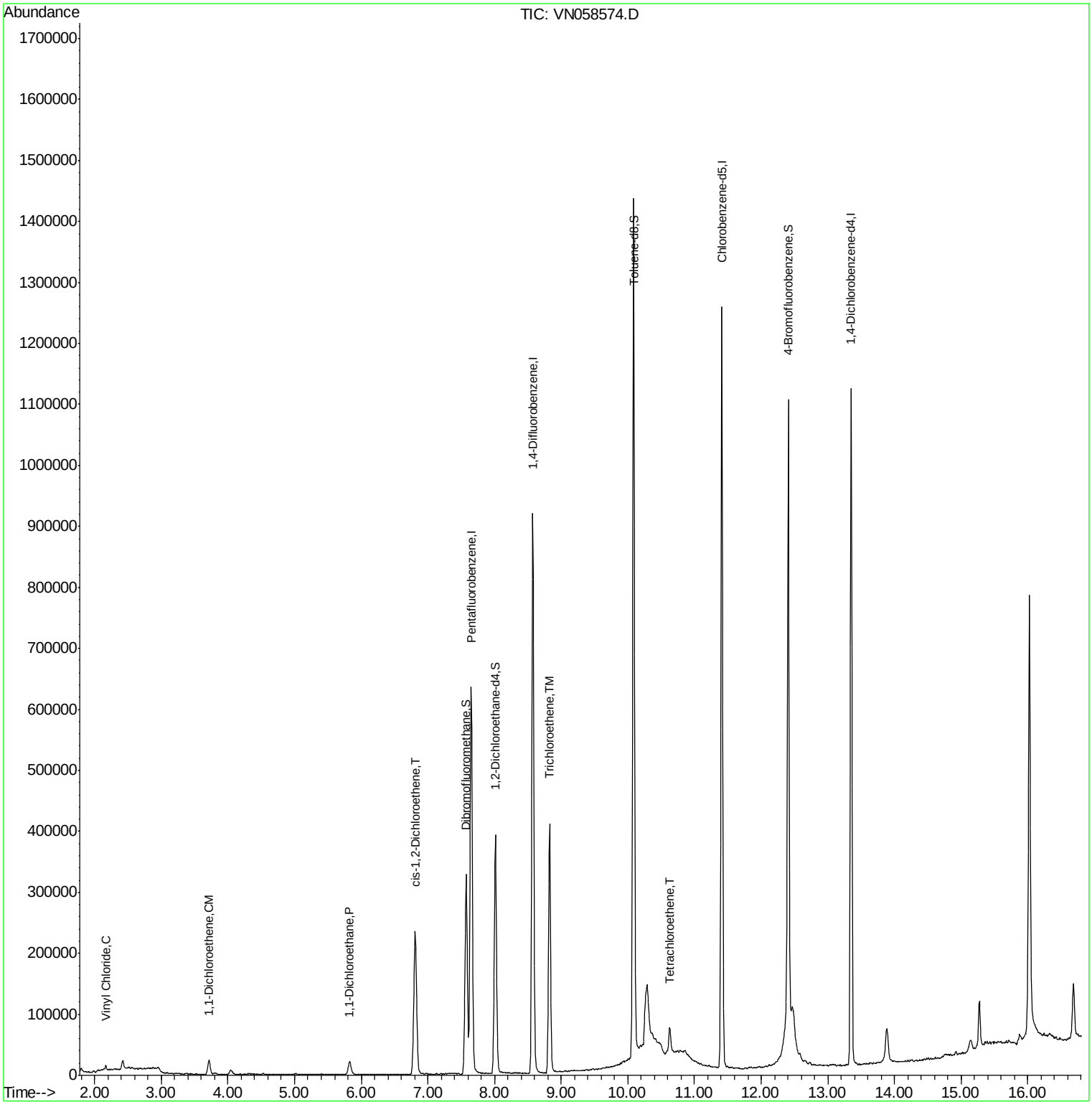
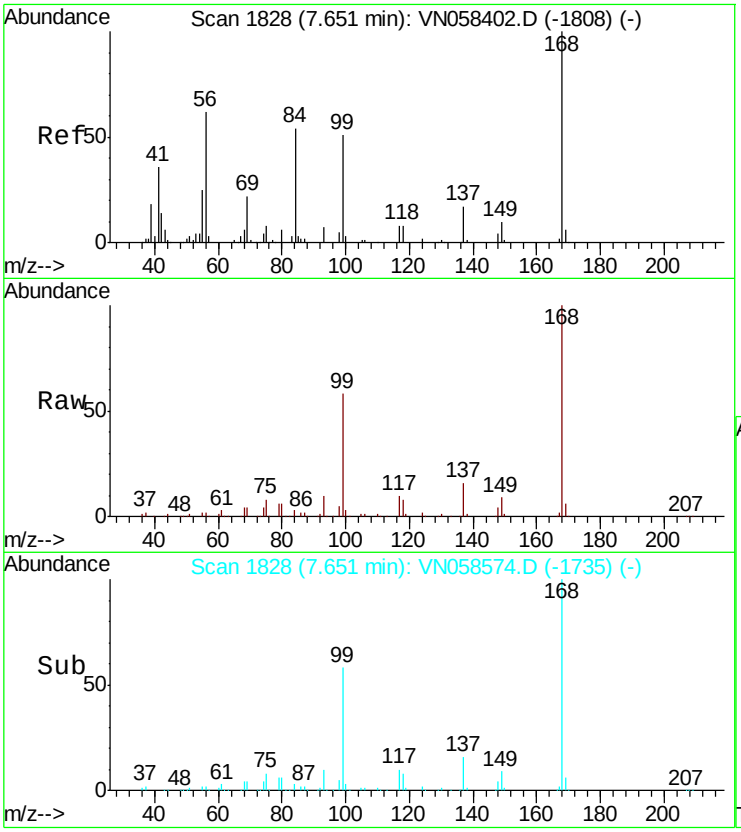


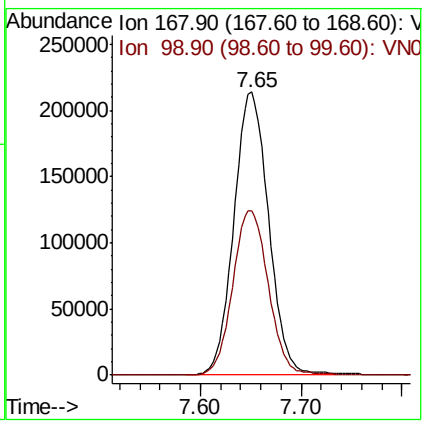


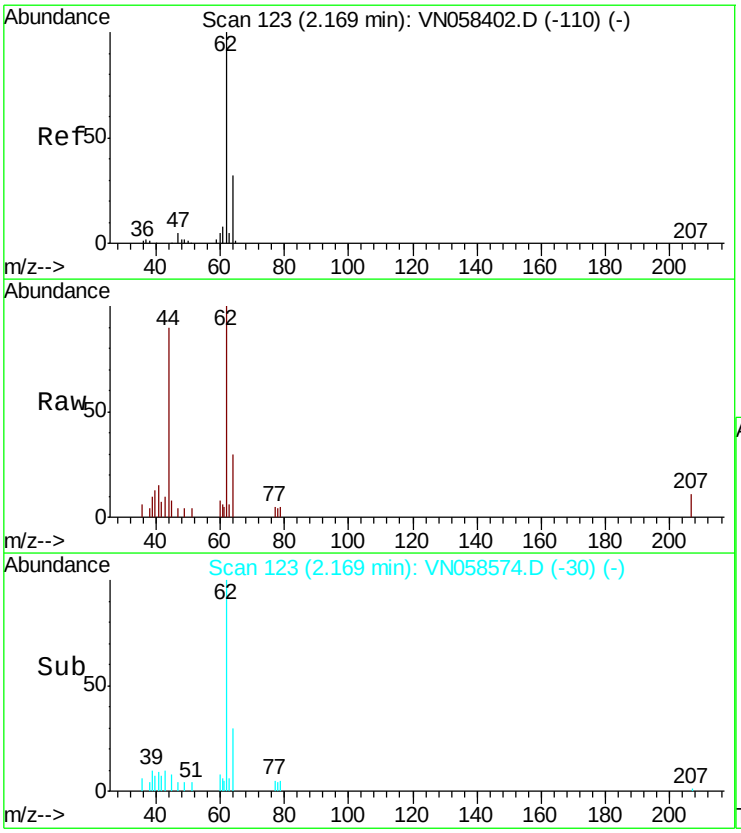
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tgt Ion:168 Resp: 511023

Ion	Ratio	Lower	Upper
168	100		
99	58.2	47.7	71.5

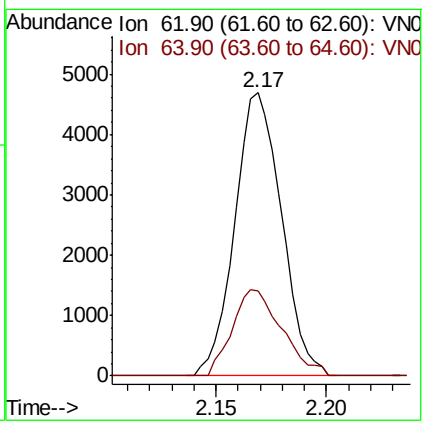


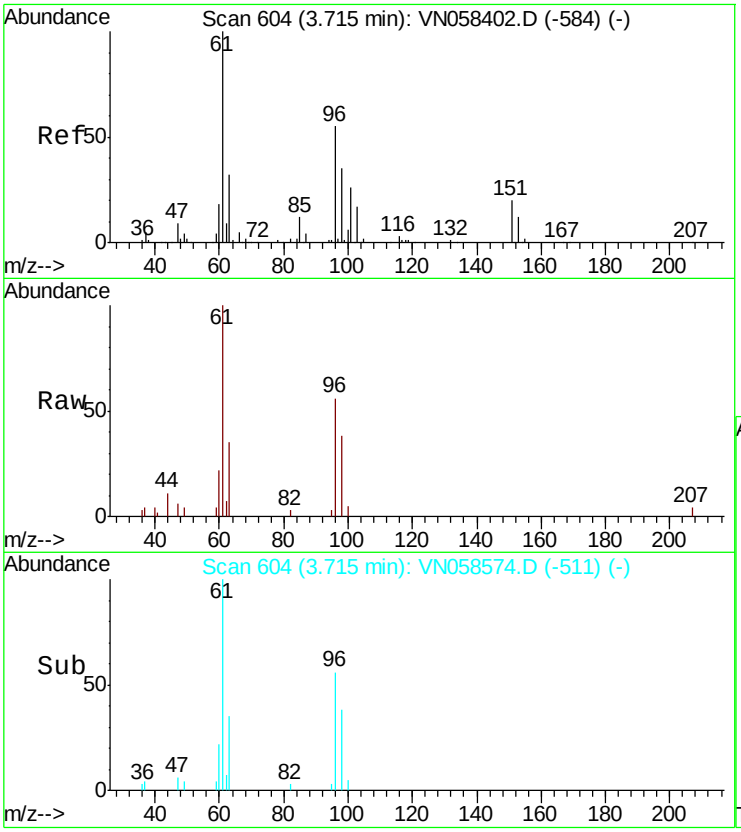


#4
Vinyl Chloride
Concen: 1.147 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion: 62 Resp: 6924

Ion	Ratio	Lower	Upper
62	100		
64	29.9	25.5	38.3



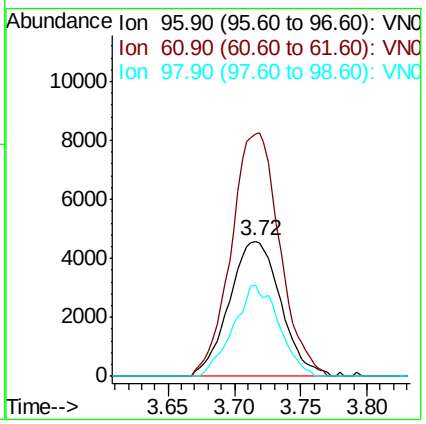


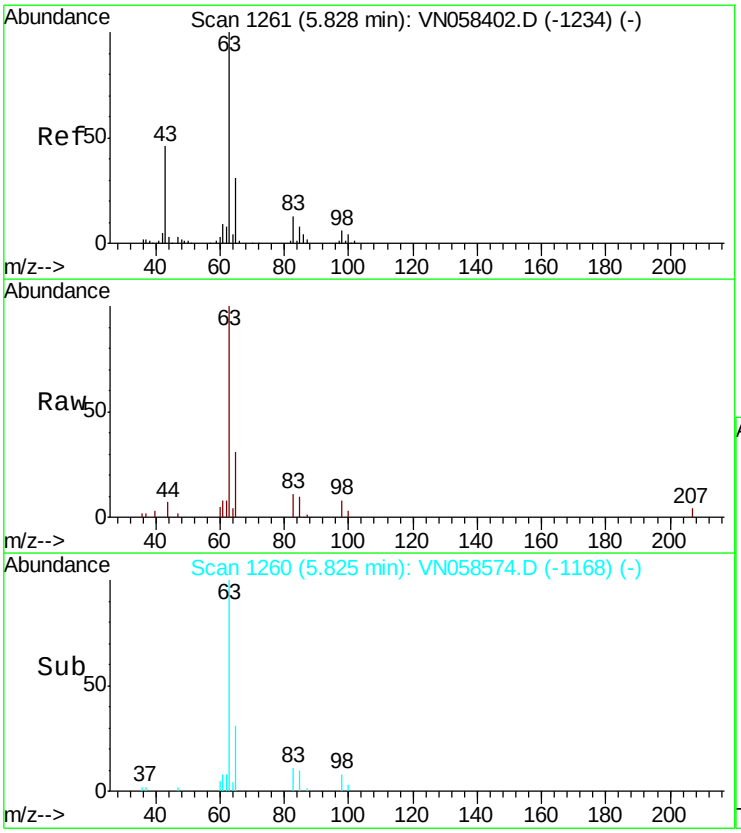
#12
1,1-Dichloroethene
Concen: 2.566 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tgt Ion: 96 Resp: 12370

Ion	Ratio	Lower	Upper
96	100		
61	179.4	146.7	220.1
98	67.4	51.3	76.9

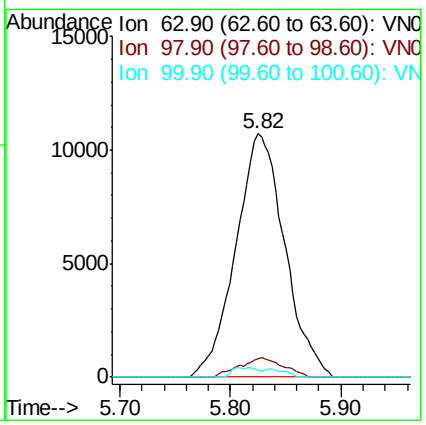


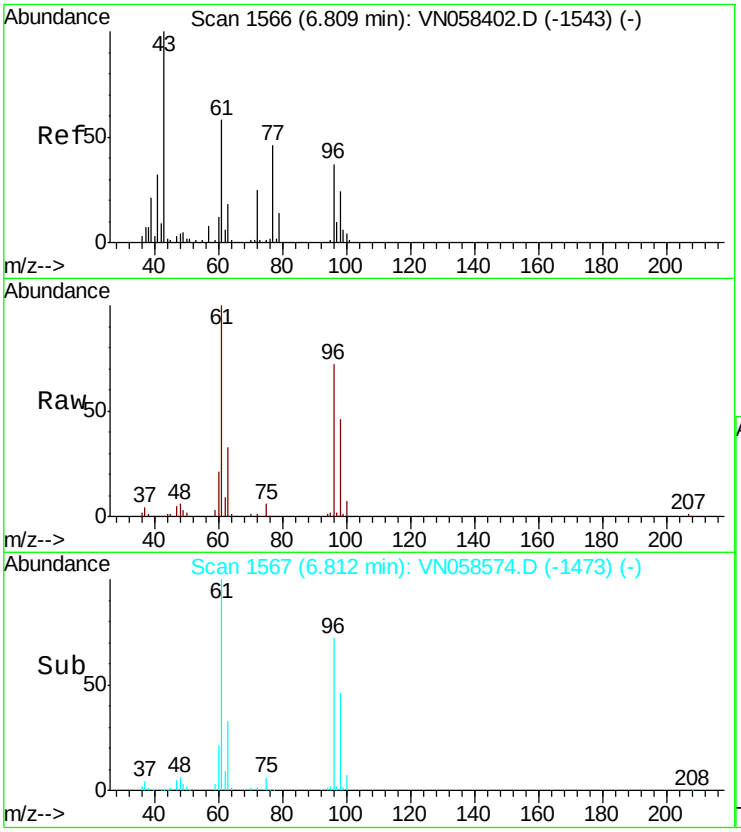


#24
1,1-Dichloroethane
Concen: 3.100 ug/l
RT: 5.82 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion: 63 Resp: 32936

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.0	9.0
100	2.8	2.0	5.8



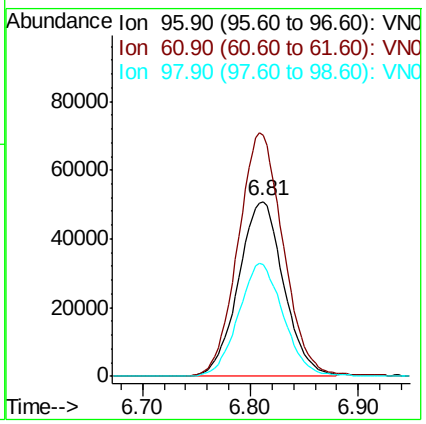


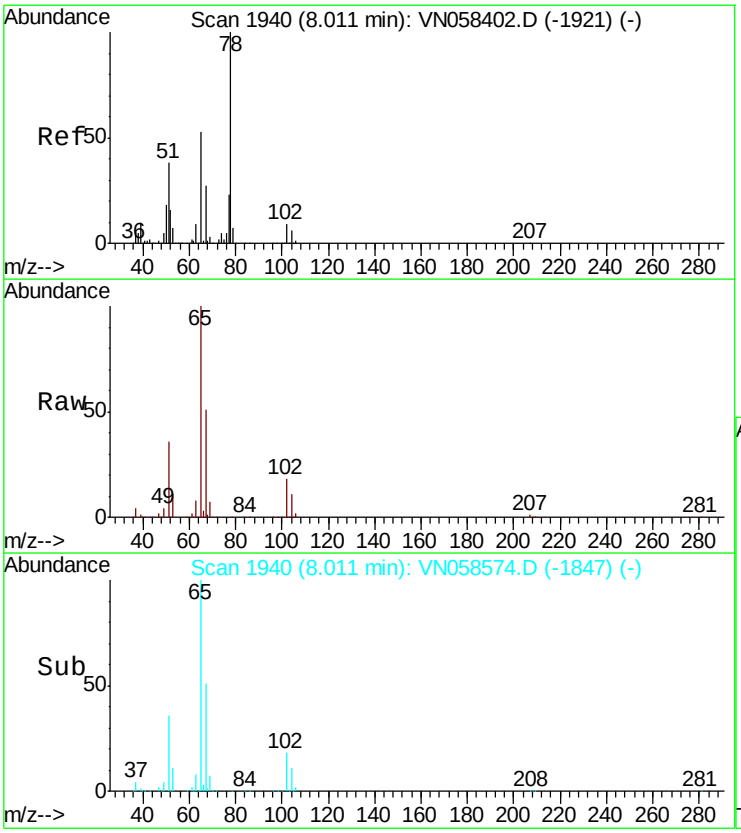
#27
cis-1,2-Dichloroethene
Concen: 23.675 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tgt Ion: 96 Resp: 148336

Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	318.8
98	64.1	0.0	129.8

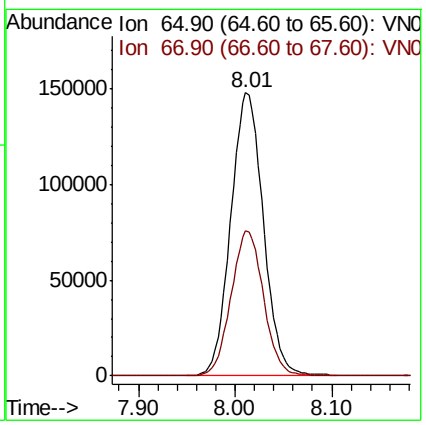


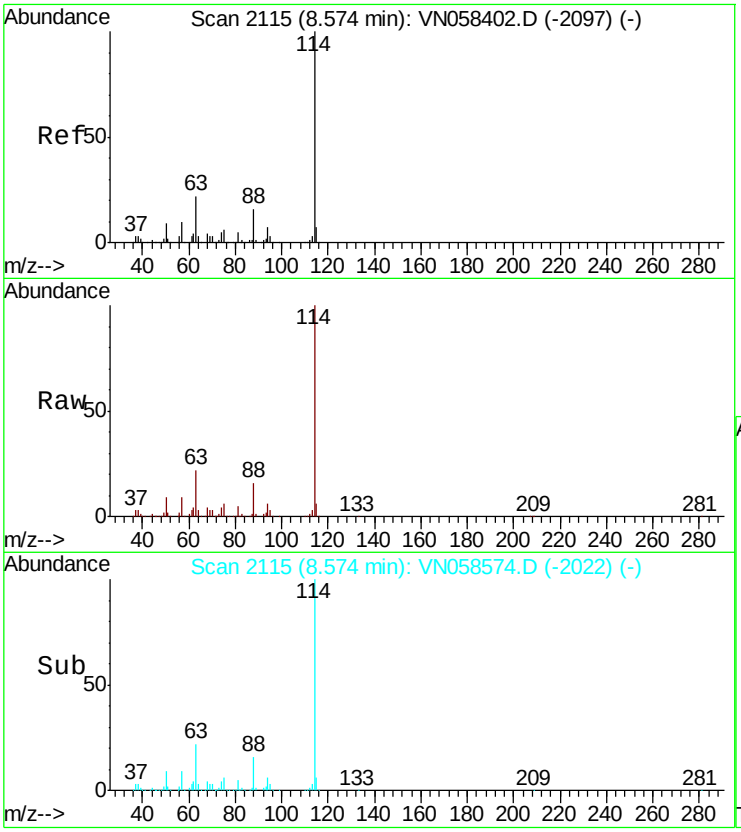


#33
1,2-Dichloroethane-d4
Concen: 46.412 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion: 65 Resp: 346593

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.4



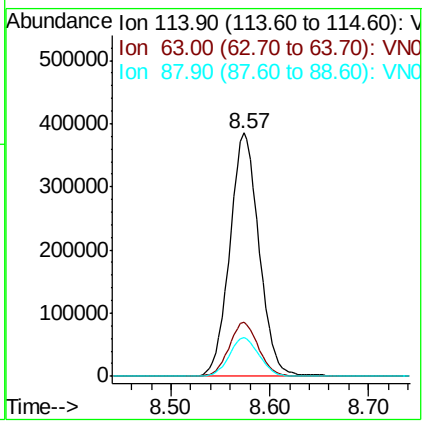


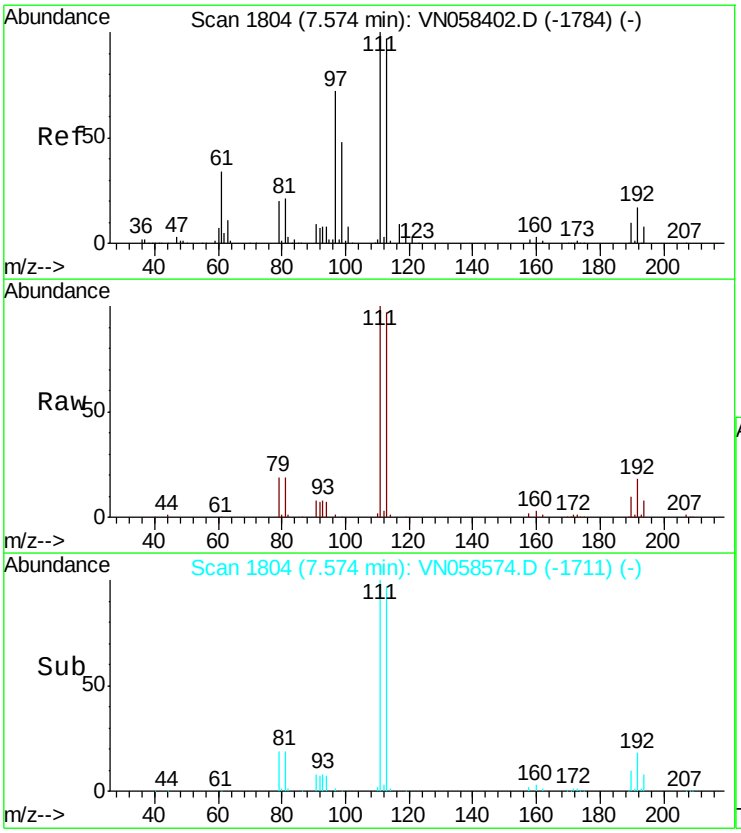
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tgt Ion:114 Resp: 795758

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.0
88	16.1	0.0	32.2

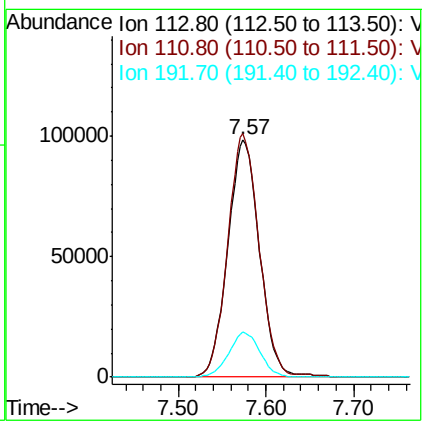


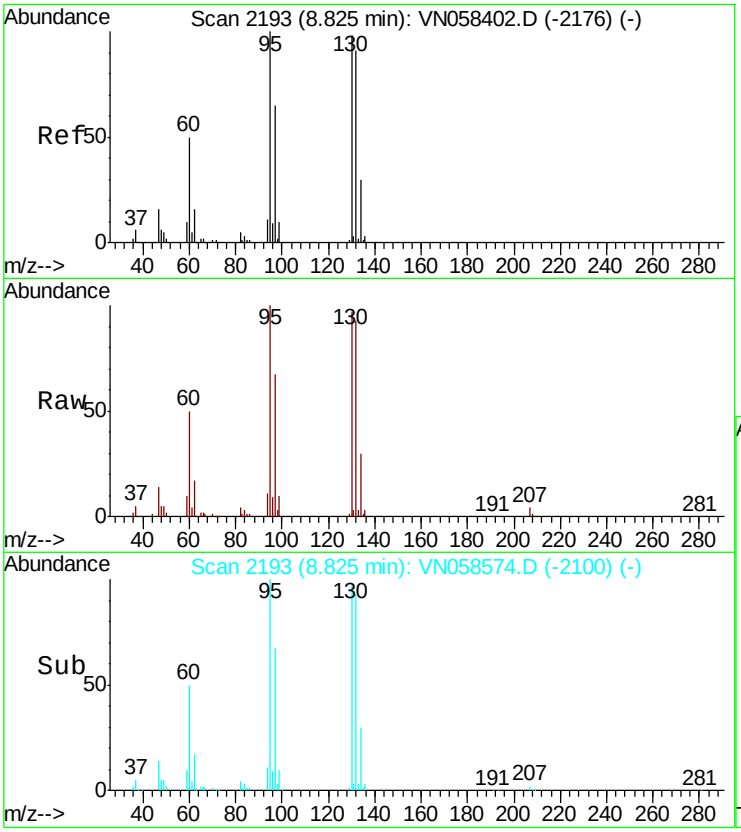


#35
Dibromofluoromethane
Concen: 50.788 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion:113 Resp: 247700

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	18.8	14.9	22.3



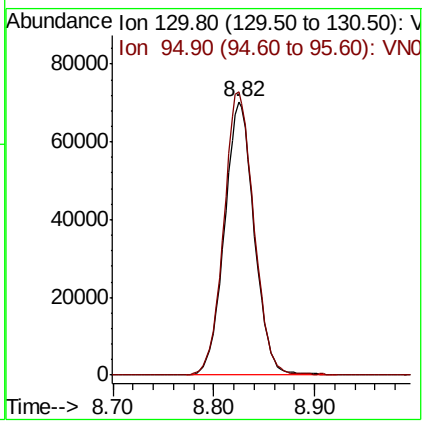


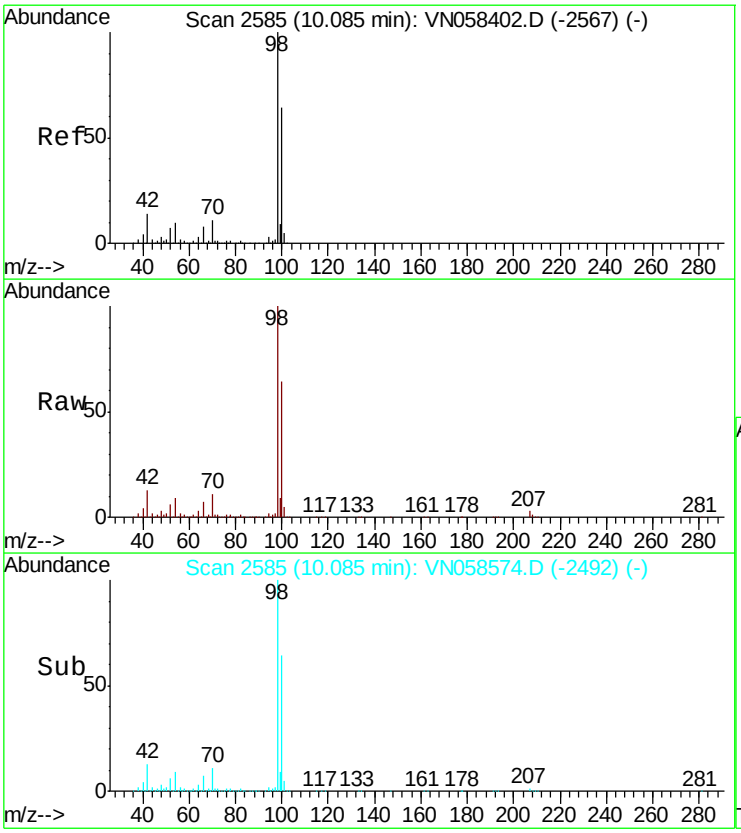
#44
Trichloroethene
Concen: 26.667 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tgt Ion:130 Resp: 144016

Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	204.2

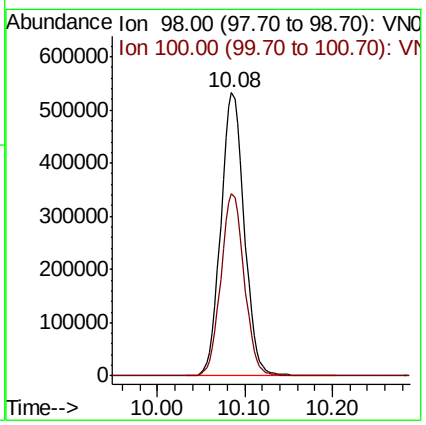


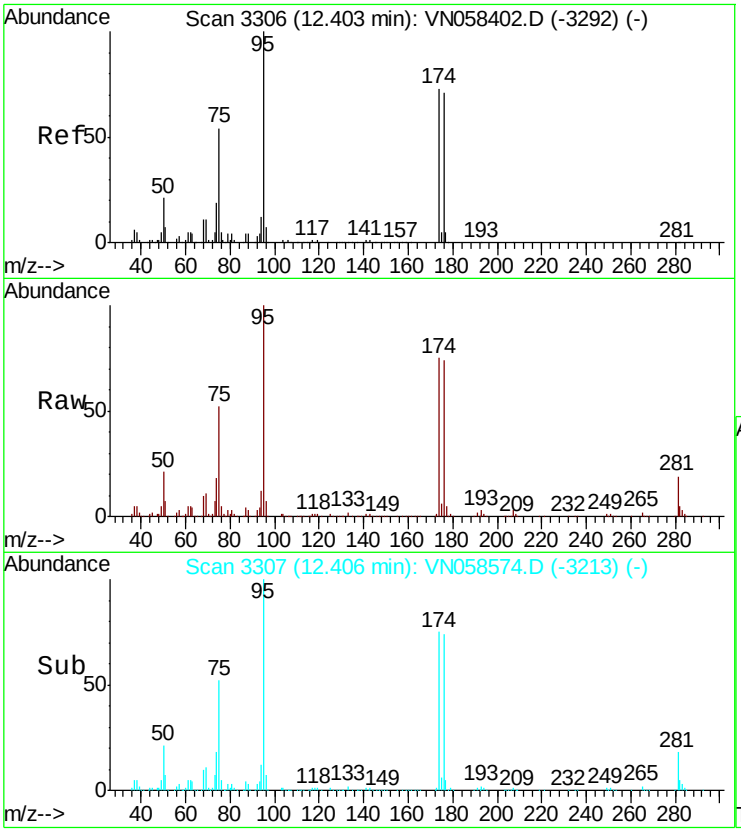


#50
Toluene-d8
Concen: 51.890 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion: 98 Resp: 991402

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.0	76.6



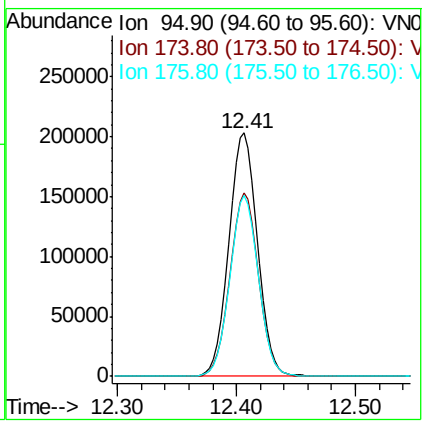


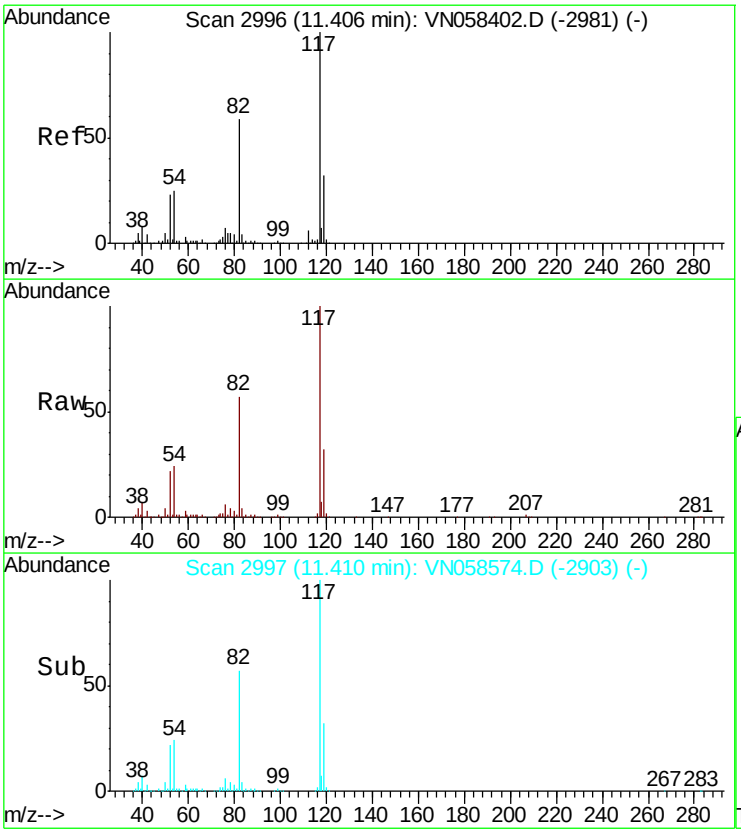
#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tgt Ion: 95 Resp: 338250

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	150.6
176	73.6	0.0	146.2

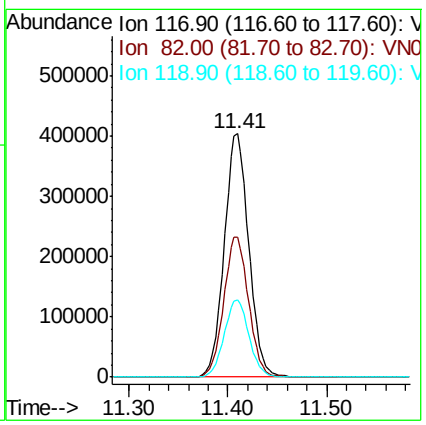


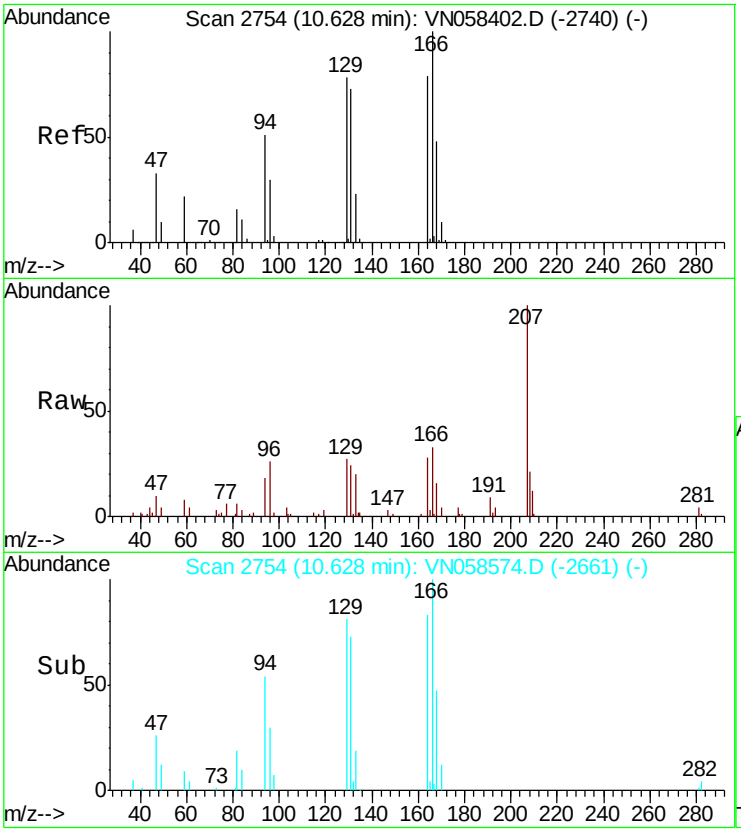


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion:117 Resp: 703294

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.0
119	31.8	25.5	38.3



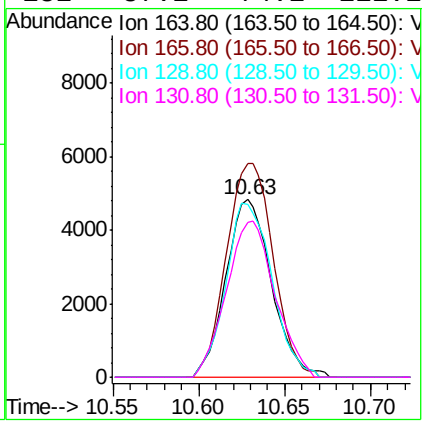


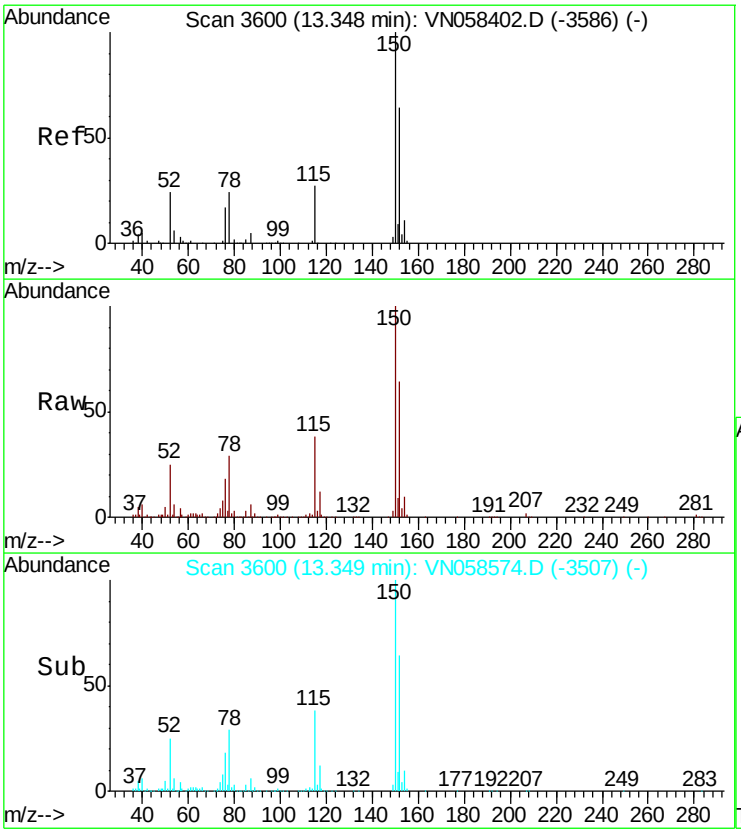
#64
Tetrachloroethene
Concen: 2.001 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-20B_100219DL

Tgt Ion:164 Resp: 8943

Ion	Ratio	Lower	Upper
164	100		
166	119.8	101.1	151.7
129	97.4	79.2	118.8
131	87.1	74.1	111.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058574.D
Acq: 7 Oct 2019 18:15

Tgt Ion:152 Resp: 288051

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.0	90.0
150	158.9	0.0	348.2