Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092319\
Data File : VN058296.D
Acq On : 23 Sep 2019 16:36
Operator : JC/SP
Sample : K4975-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20190918

Manual Integrations APPROVED
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10/1/2019 9:27:41 AM

Quant Time: Oct 01 08:23:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	480070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	782352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	660158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	353542	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.74%			
35) Dibromofluoromethane	7.58	113	243337	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
50) Toluene-d8	10.08	98	973684	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.08%			
62) 4-Bromofluorobenzene	12.41	95	306859	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	1959	0.497	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.73	101	22346	5.758	ug/l	97
12) 1,1-Dichloroethene	3.73	96	2464m	0.484	ug/l	
16) Acetone	3.80	43	11292	4.975	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	6947	1.427	ug/l	88
44) Trichloroethene	8.83	130	502190	119.088	ug/l	99
64) Tetrachloroethene	10.63	164	1495	0.465	ug/l #	87

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

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Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20190918

Manual Integrations APPROVED
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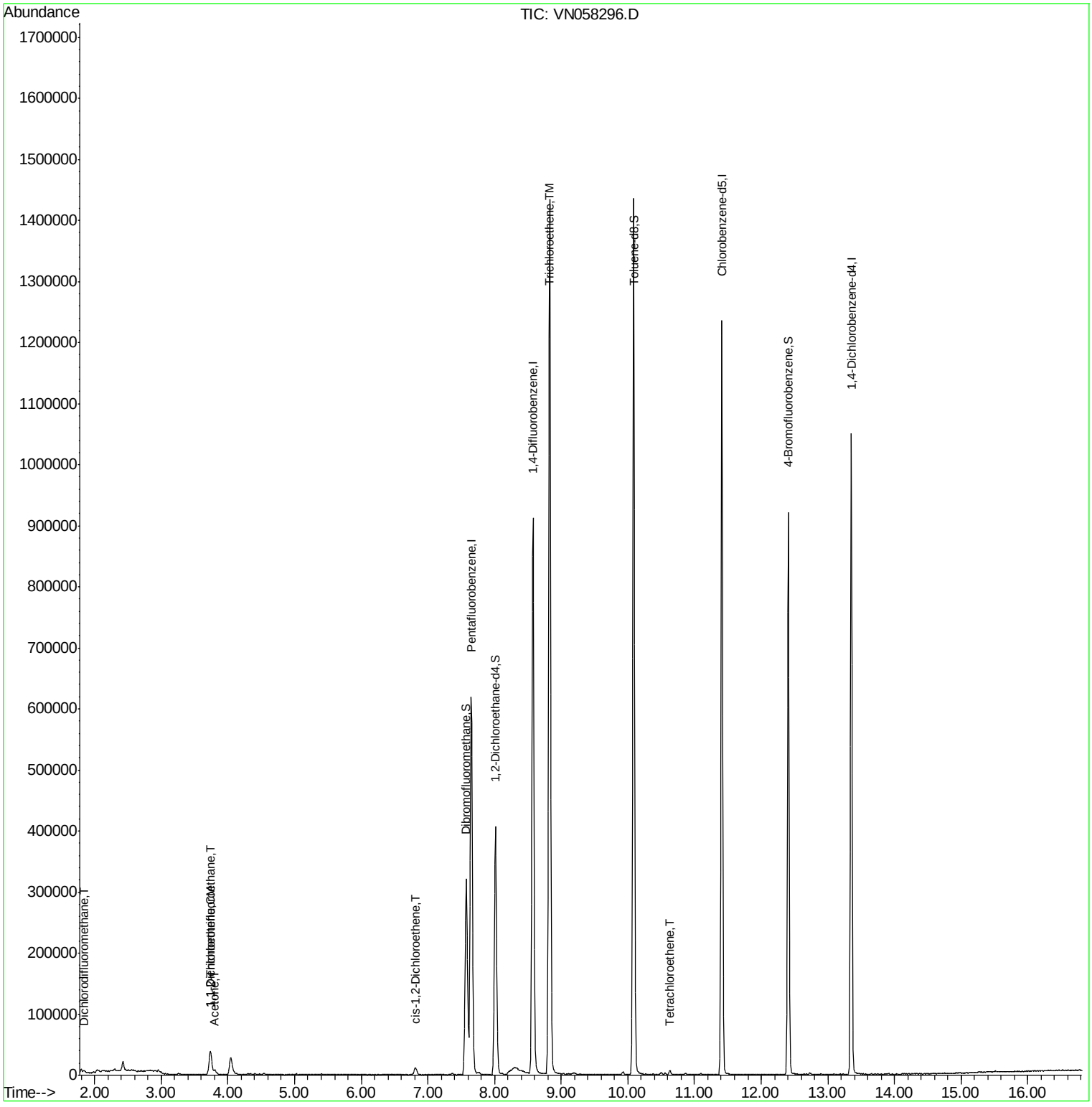
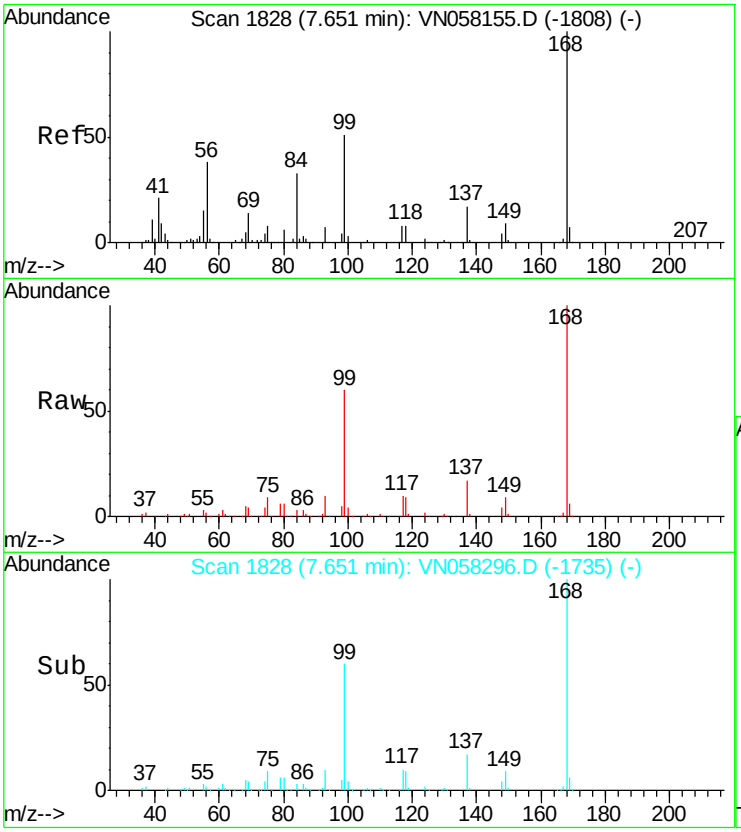
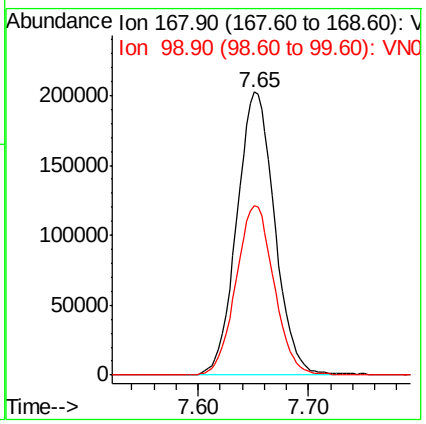




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:168 Resp: 480070

Ion	Ratio	Lower	Upper
168	100		
99	59.8	47.4	71.2



Instrument :
MSVOA_N
ClientSampleId :
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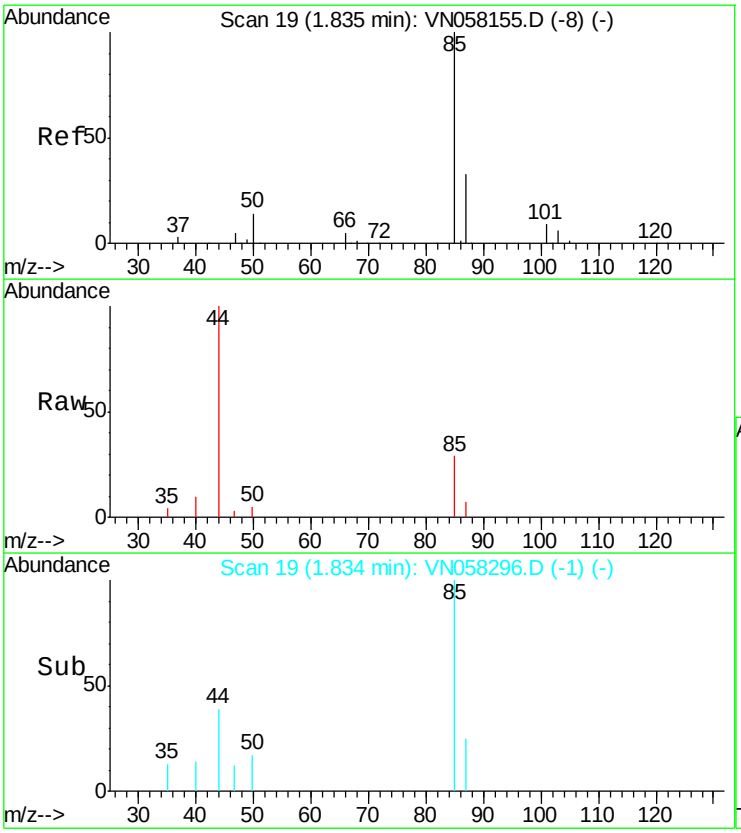
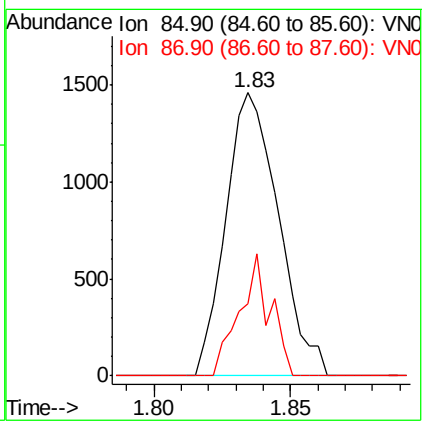
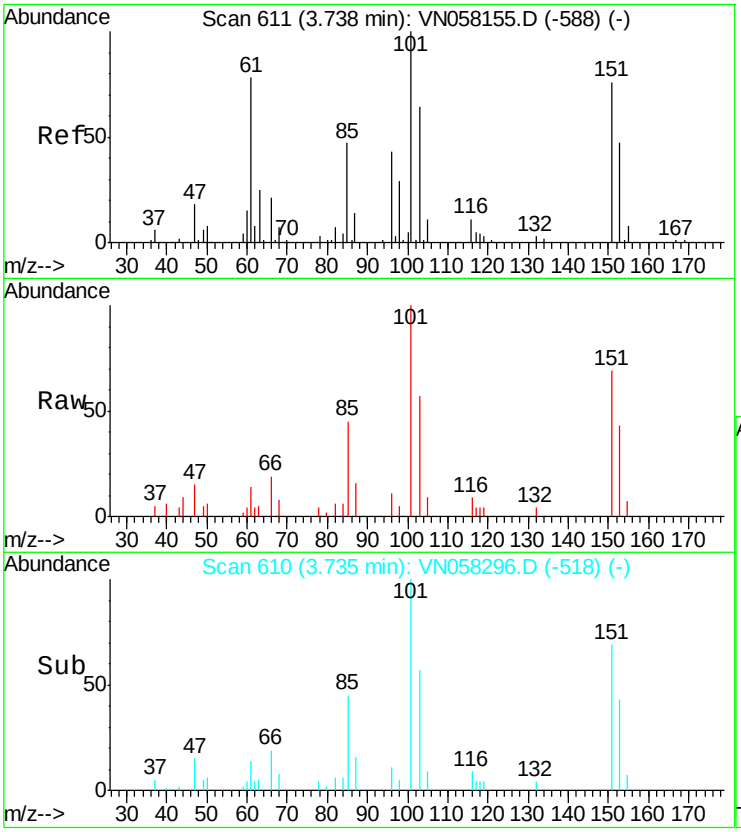


#2
Dichlorodifluoromethane
Concen: 0.497 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion: 85 Resp: 1959

Ion	Ratio	Lower	Upper
85	100		
87	25.5	16.3	48.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.758 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:101 Resp: 22346

Ion	Ratio	Lower	Upper
101	100		
85	47.7	37.3	55.9
151	71.7	59.6	89.4

Instrument :
MSVOA_N
ClientSampleId :
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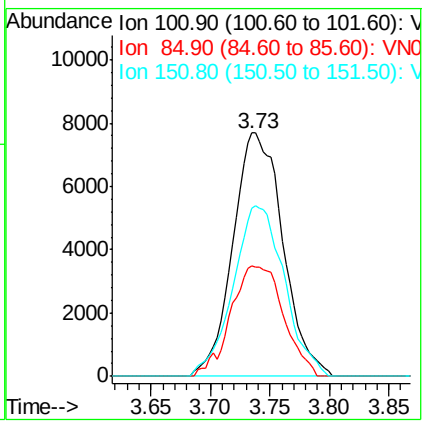
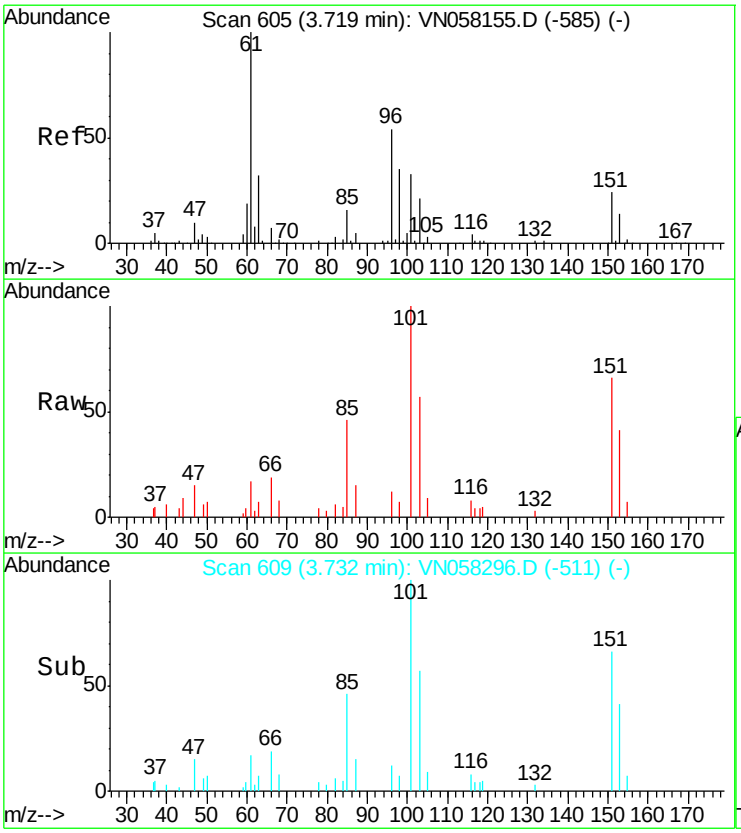
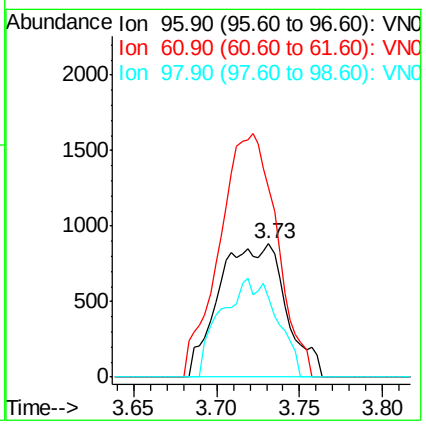


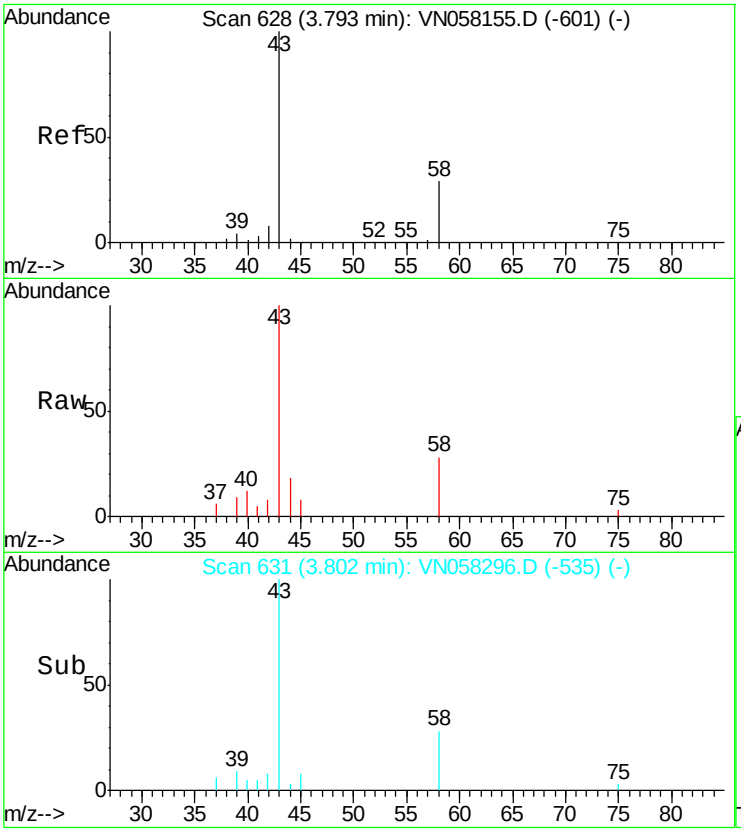


#12
1,1-Dichloroethene
Concen: 0.484 ug/l m
RT: 3.73 min Scan# 609
Delta R.T. 0.01 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion: 96 Resp: 2464

Ion	Ratio	Lower	Upper
96	100		
61	142.1	149.5	224.3#
98	59.9	52.4	78.6

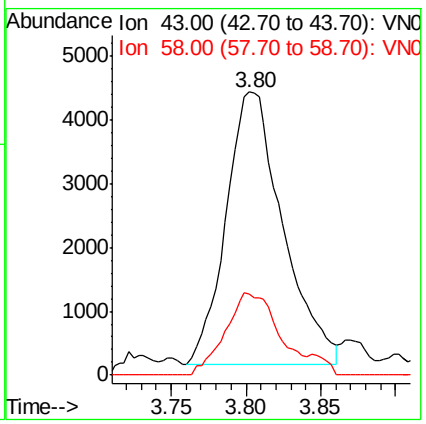




#16
Acetone
Concen: 4.975 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion: 43 Resp: 11292

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.4	35.2



Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20190918

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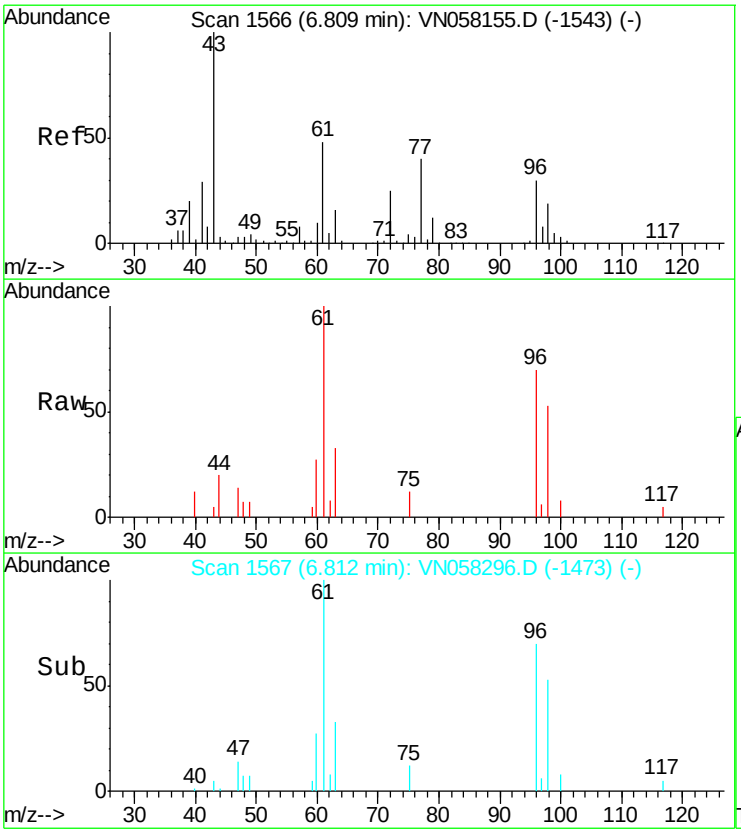
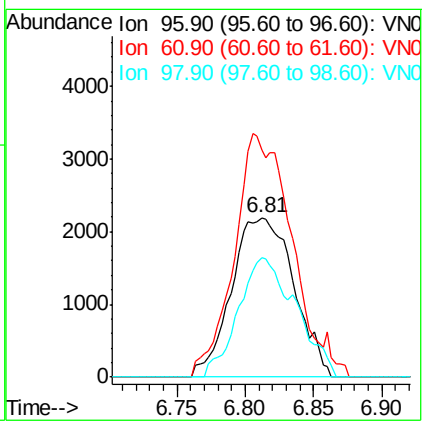
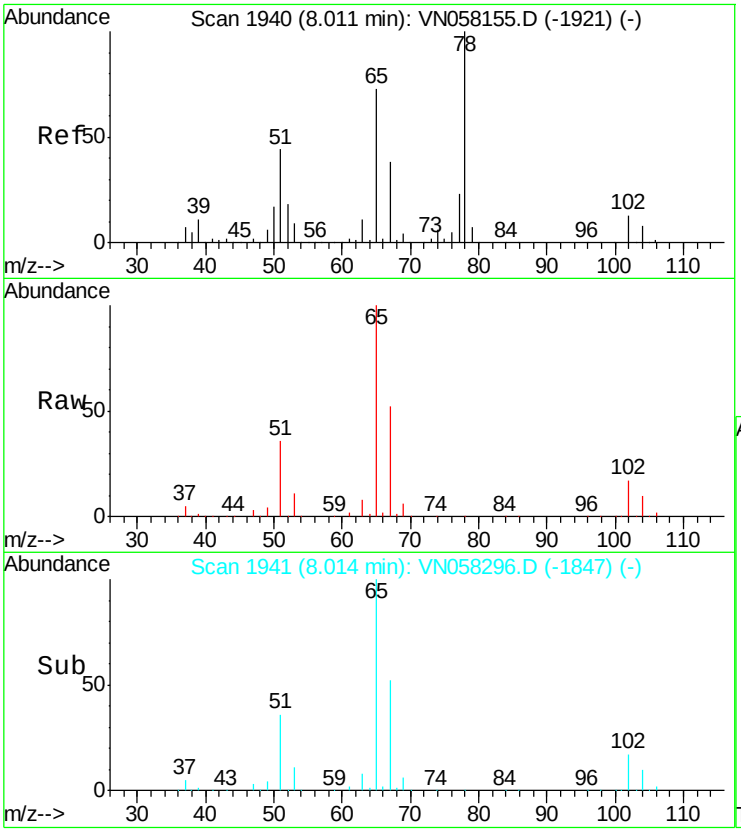


#27
cis-1,2-Dichloroethene
Concen: 1.427 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion: 96 Resp: 6947

Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	319.0
98	69.2	0.0	126.6





#33
1,2-Dichloroethane-d4
Concen: 52.875 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion: 65 Resp: 353542

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4

Instrument :
MSVOA_N
ClientSampleId :
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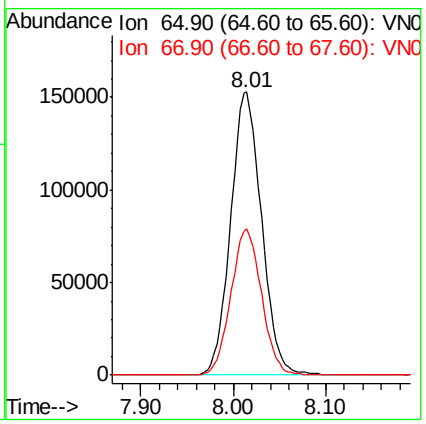
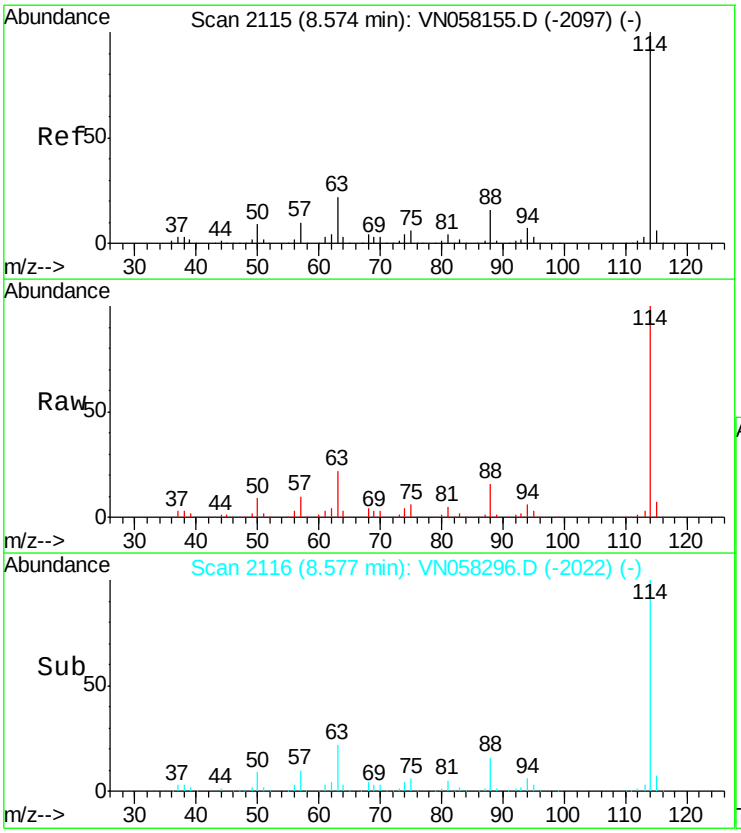
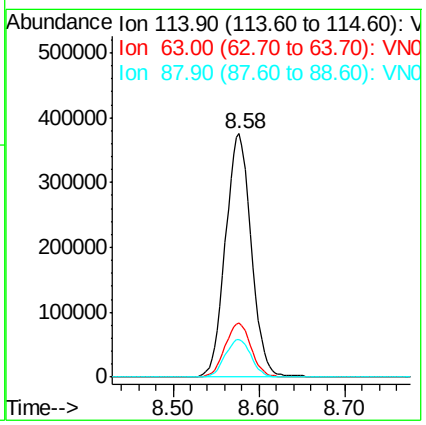


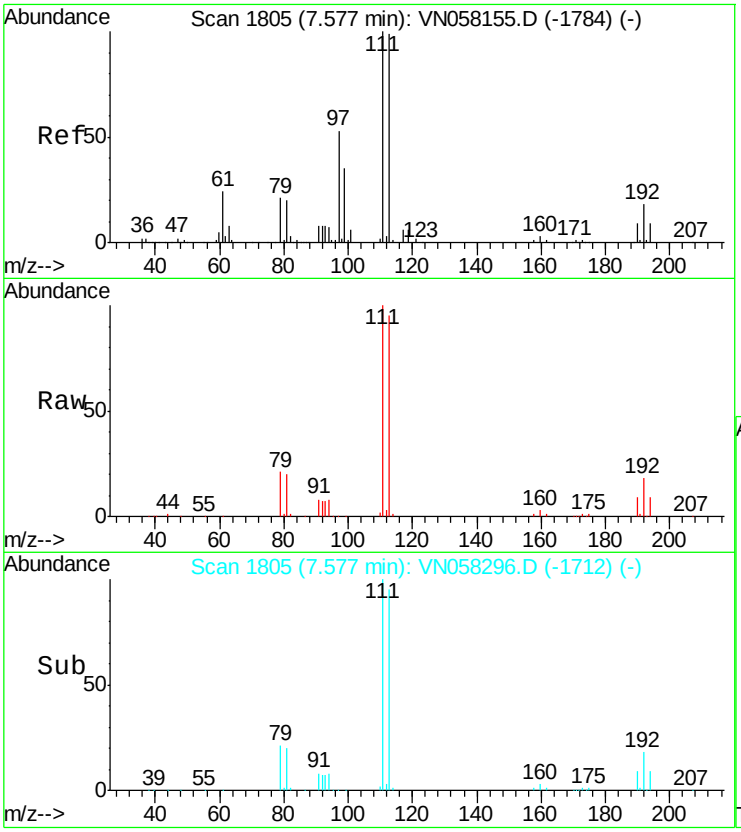


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:114 Resp: 782352

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.2
88	15.6	0.0	31.6

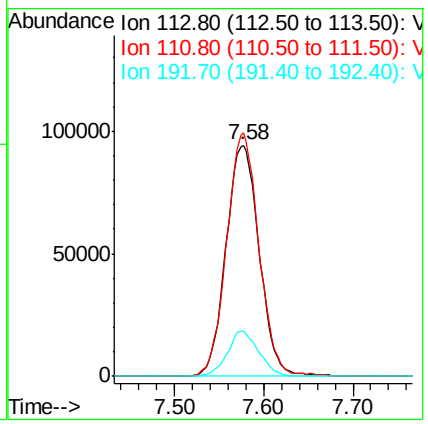




#35
Dibromofluoromethane
Concen: 51.164 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:113 Resp: 243337

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	18.5	14.5	21.7



Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20190918

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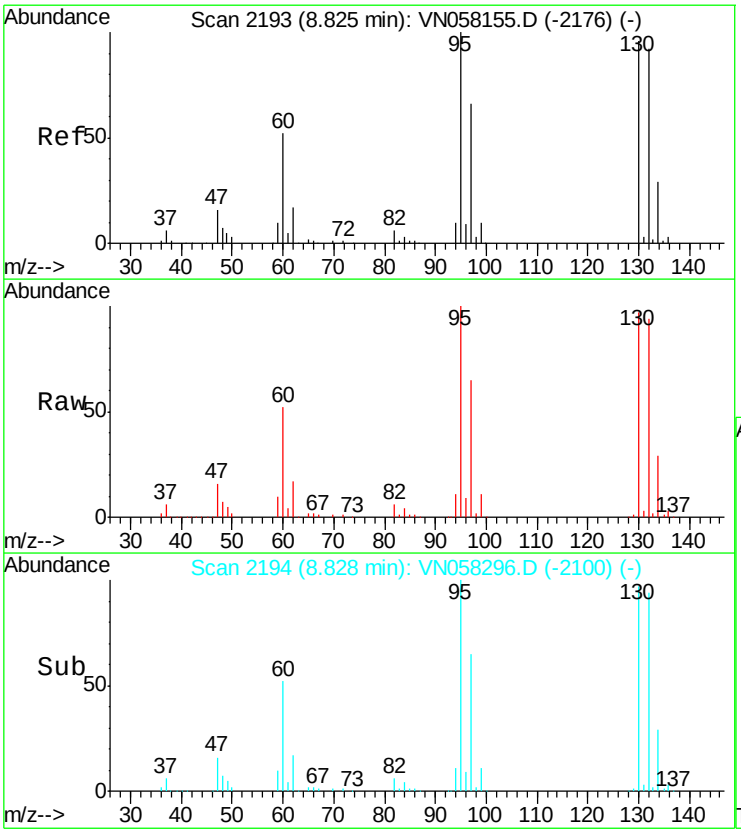
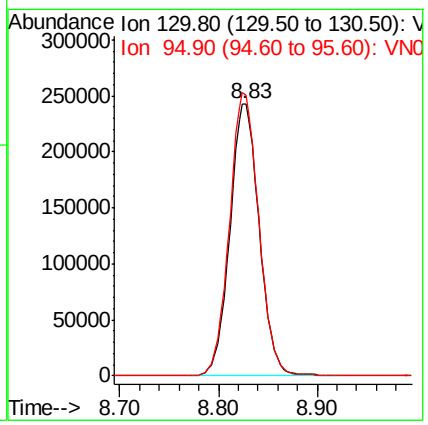
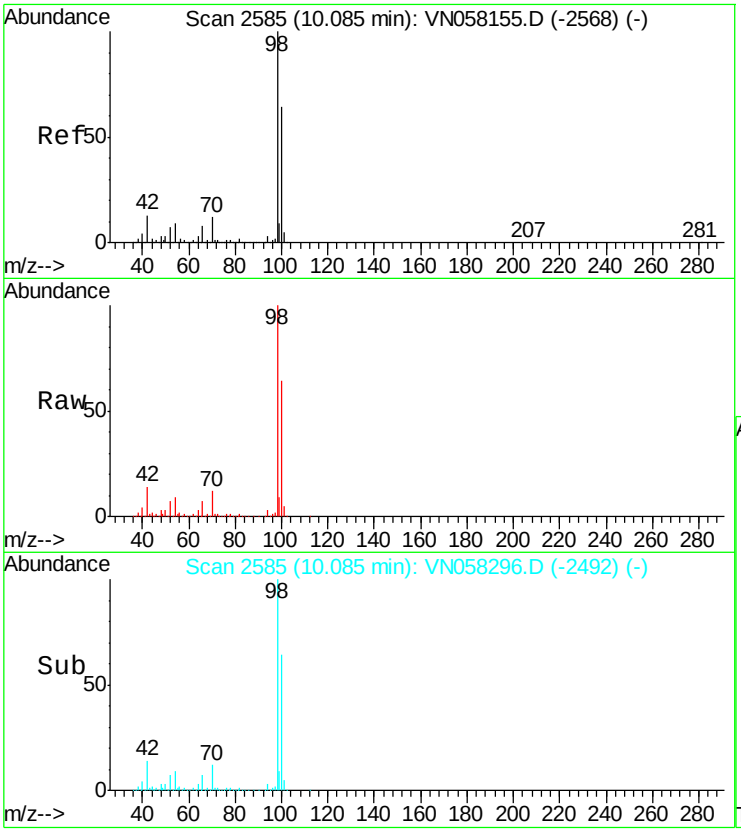


#44
Trichloroethene
Concen: 119.088 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:130 Resp: 502190

Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	207.8

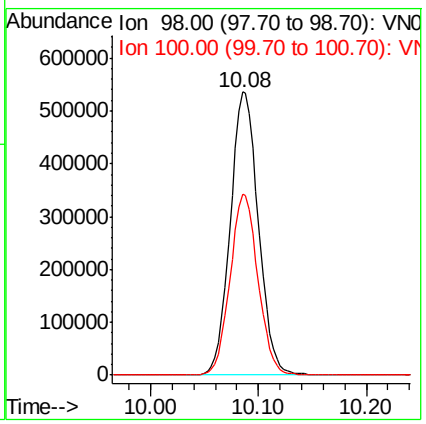




#50
Toluene-d8
Concen: 52.545 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion: 98 Resp: 973684

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7



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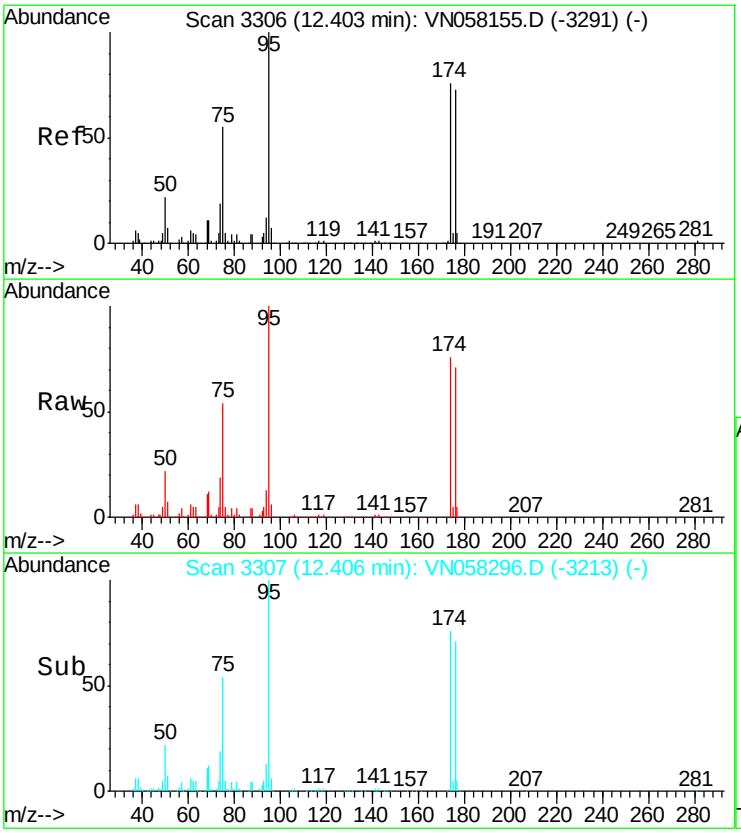
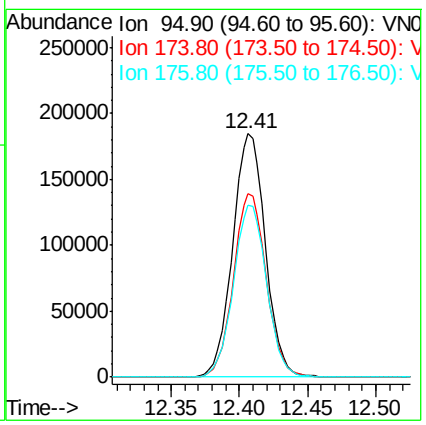
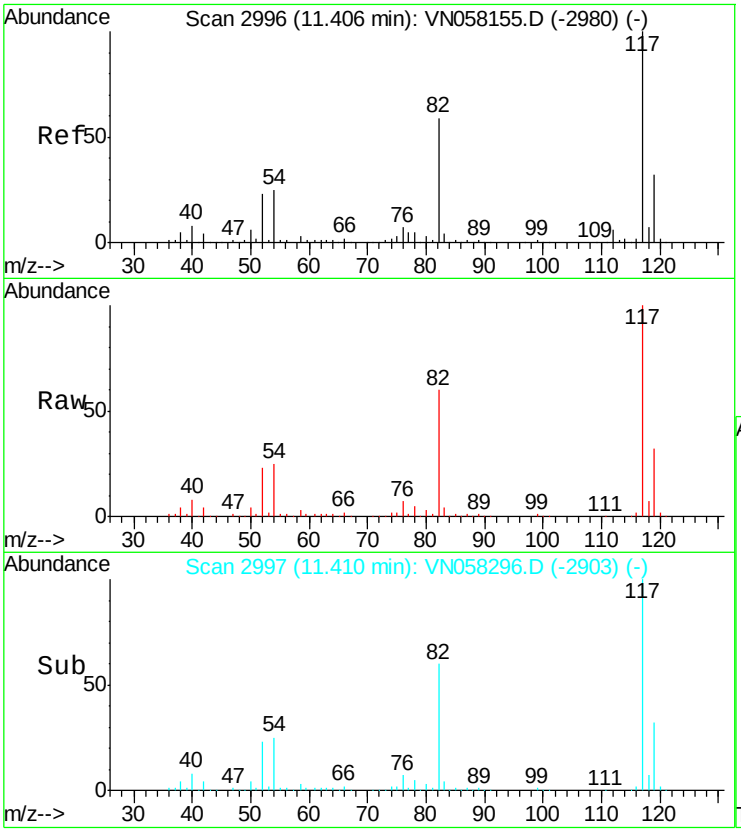


#62
4-Bromofluorobenzene
Concen: 44.580 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion: 95 Resp: 306859

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	152.2
176	72.1	0.0	148.0

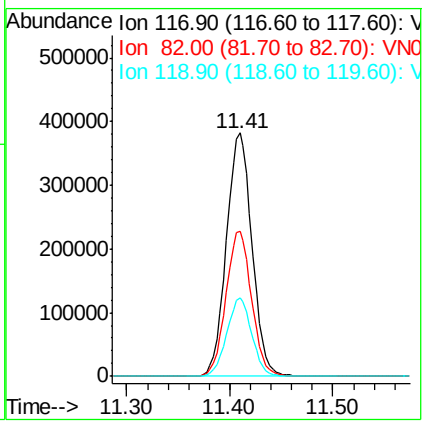




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:117 Resp: 660158

Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.9	70.3
119	32.3	25.3	37.9



Instrument :
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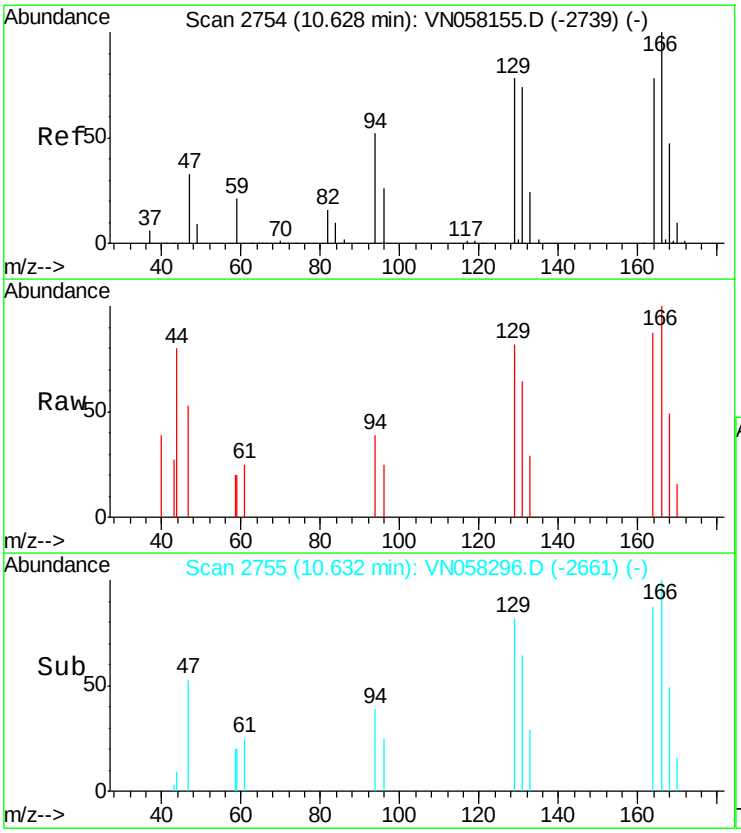
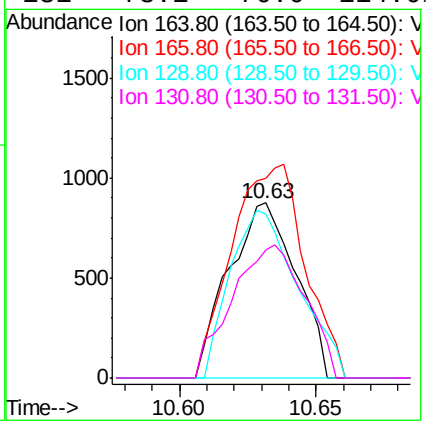
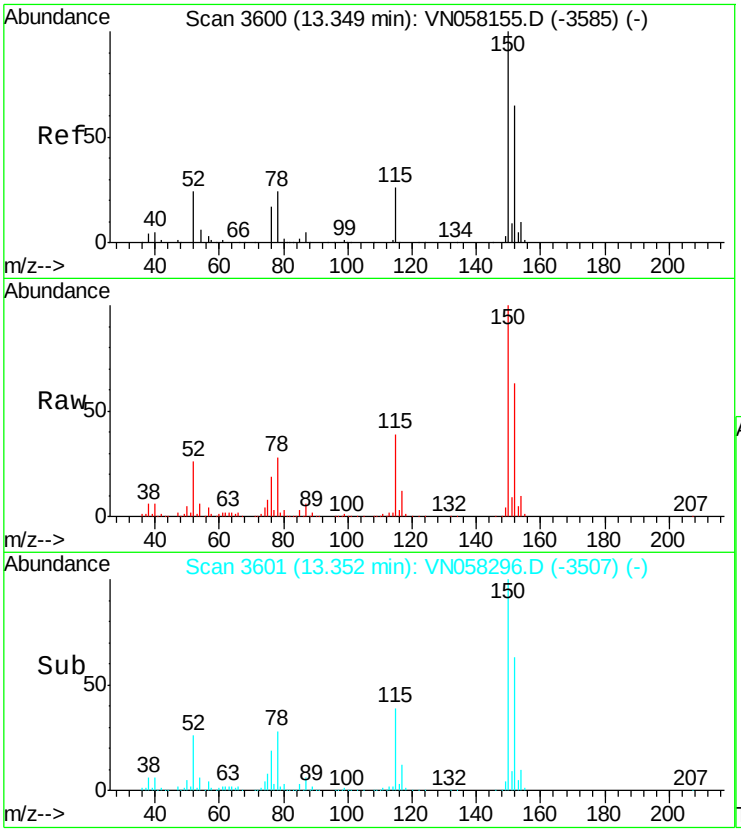


#64
Tetrachloroethene
Concen: 0.465 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:164 Resp: 1495

Ion	Ratio	Lower	Upper
164	100		
166	114.5	102.2	153.4
129	94.1	79.6	119.4
131	73.1	76.0	114.0#

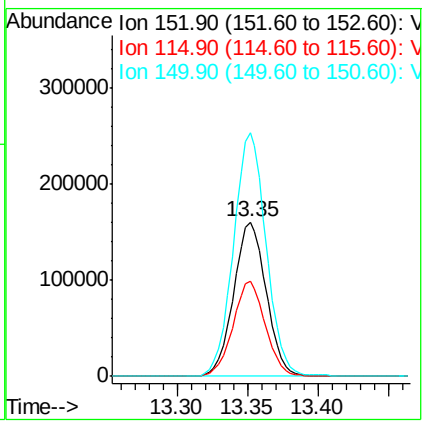




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058296.D
Acq: 23 Sep 2019 16:36

Tgt Ion:152 Resp: 259244

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.1	90.3
150	158.3	0.0	346.4



Instrument :
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ClientSampleId :
RE105D1-20190918

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10/1/2019 9:27:41 AM