Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060719\
Data File : VN056051.D
Acq On : 6 Jun 2019 17:26
Operator : JC/SP
Sample : K3203-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : LF015MW100-190604

Quant Time: Jun 11 11:27:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	343831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	511229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	479437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177676	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.08%			
35) Dibromofluoromethane	7.59	113	157163	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
50) Toluene-d8	10.09	98	643826	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.68%			
62) 4-Bromofluorobenzene	12.40	95	202174	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.18	62	3011685	805.551	ug/l	99
12) 1,1-Dichloroethene	3.72	96	125323	43.418	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	2529	0.818	ug/l	91
22) Diisopropyl ether	5.96	45	16699	1.772	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	338647	93.154	ug/l	89
39) Methylcyclohexane	9.08	83	26626	4.862	ug/l	99
40) Benzene	8.04	78	138135	10.346	ug/l	100
44) Trichloroethene	8.83	130	184253	48.027	ug/l	99
52) Toluene	10.16	92	3015	0.363	ug/l	99
65) Chlorobenzene	11.43	112	4964	0.520	ug/l	97
67) Ethyl Benzene	11.51	91	5105	0.308	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	6311	1.223	ug/l	100

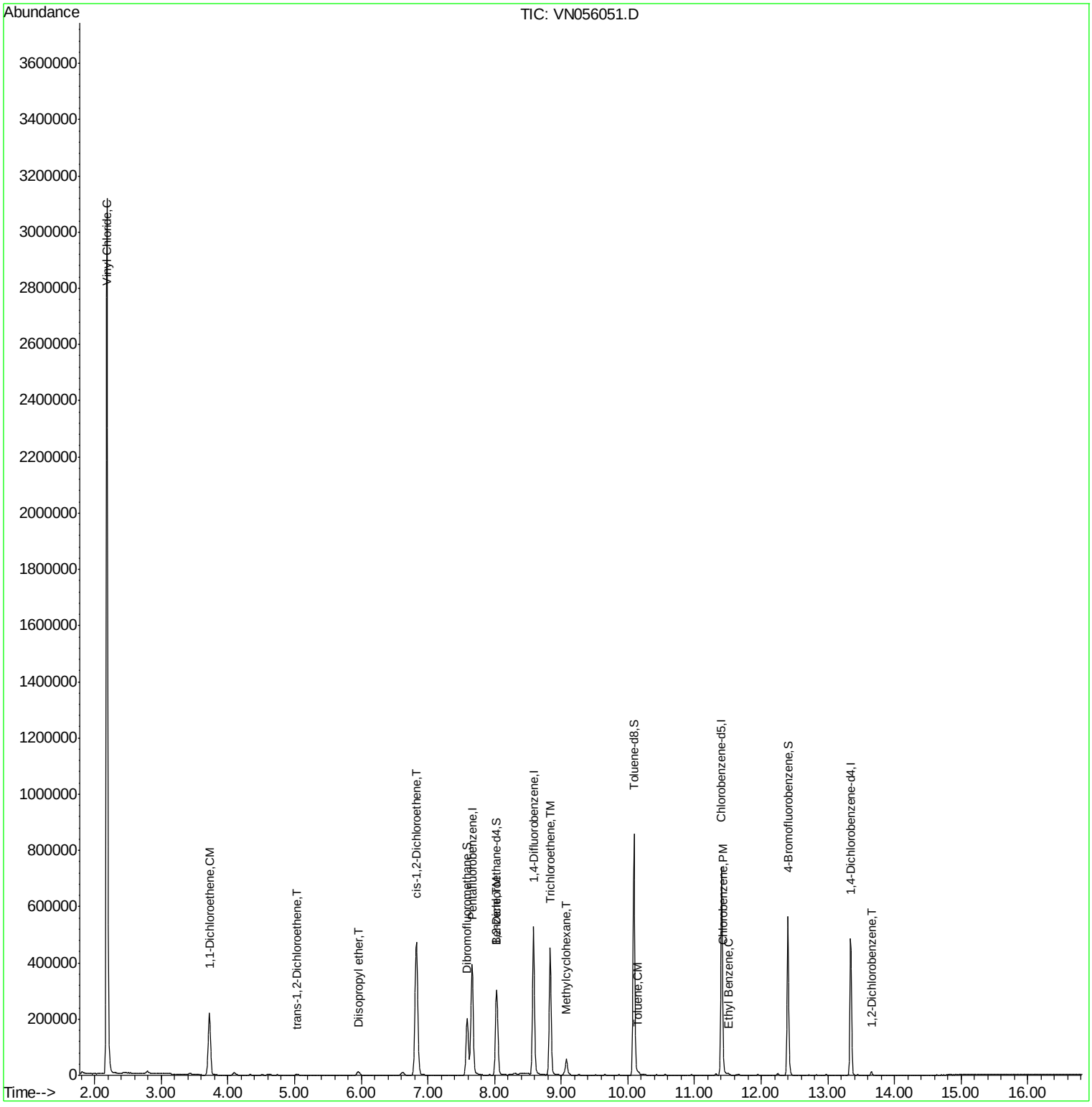
(#) = qualifier out of range (m) = manual integration (+) = signals summed

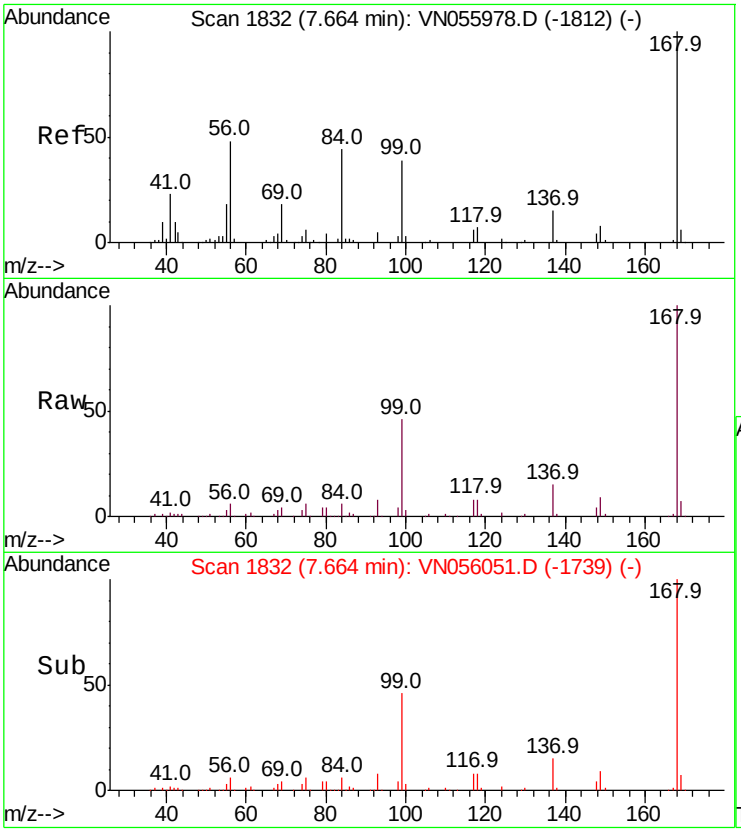
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060719\
Data File : VN056051.D
Acq On : 6 Jun 2019 17:26
Operator : JC/SP
Sample : K3203-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Quant Time: Jun 11 11:27:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration



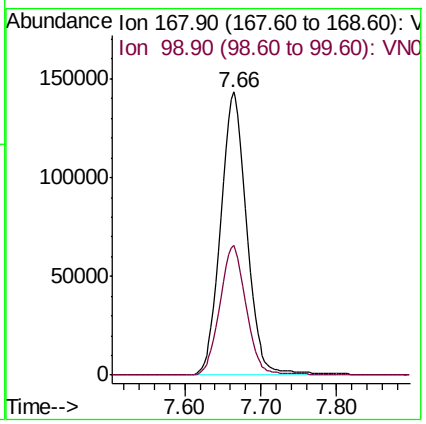


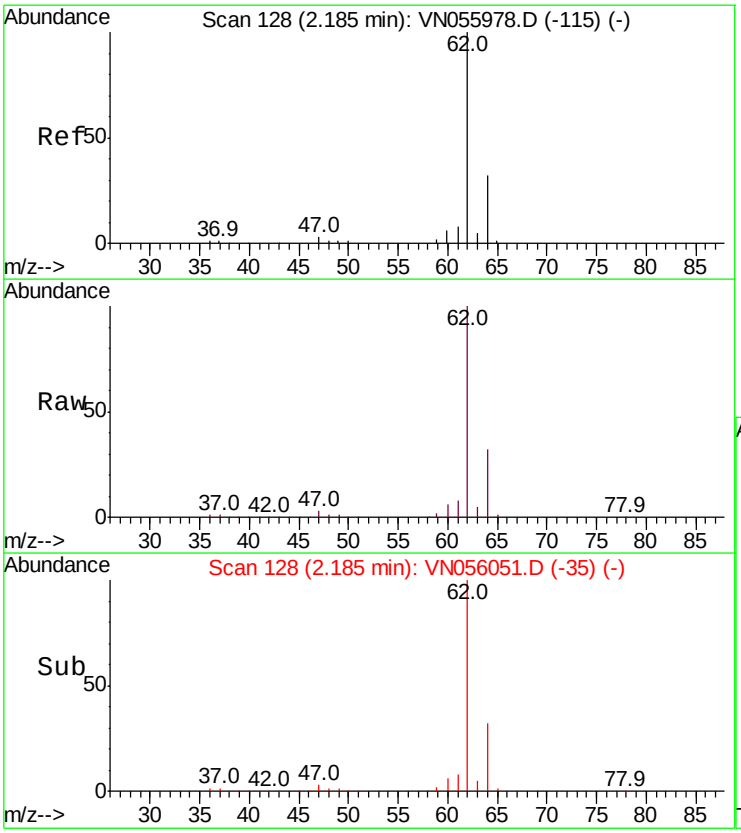
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion:168 Resp: 343831

Ion	Ratio	Lower	Upper
168	100		
99	45.9	37.2	55.8

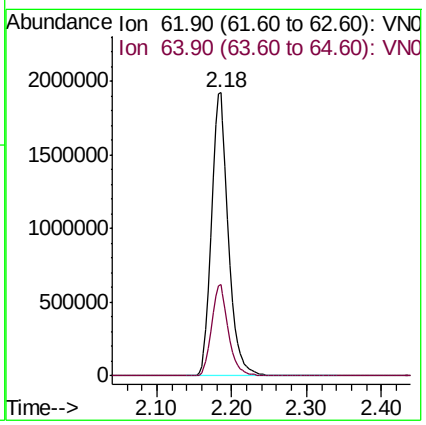


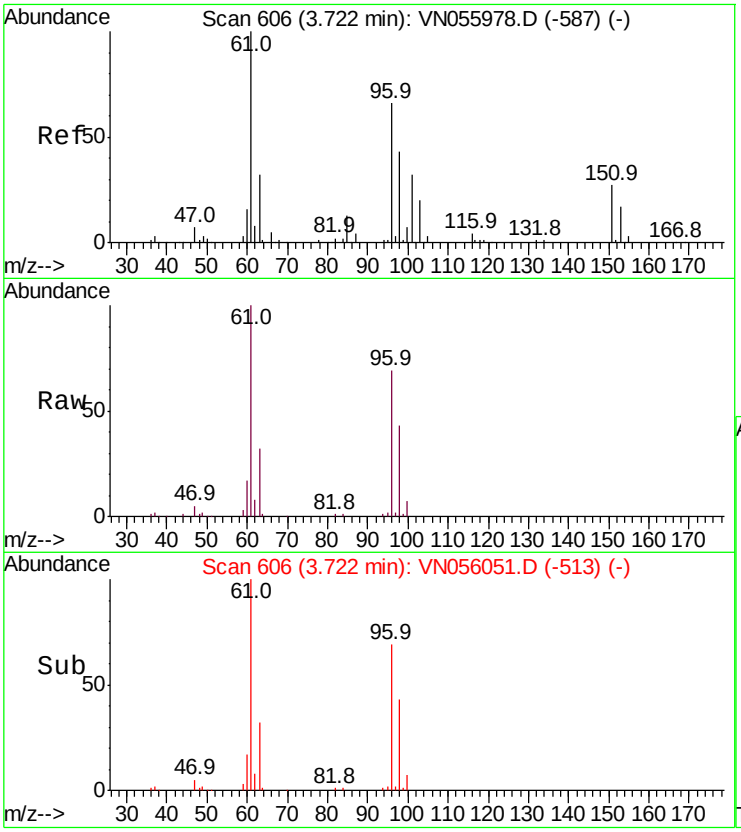


#4
Vinyl Chloride
Concen: 805.551 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 62 Resp: 3011685

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.6	38.4



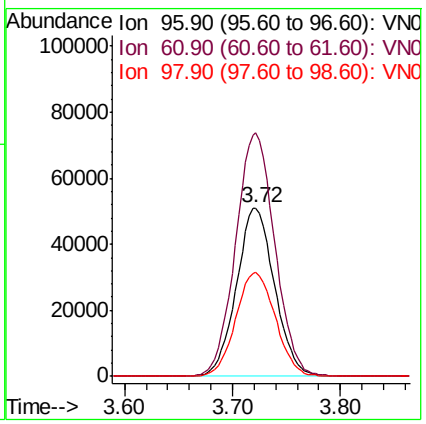


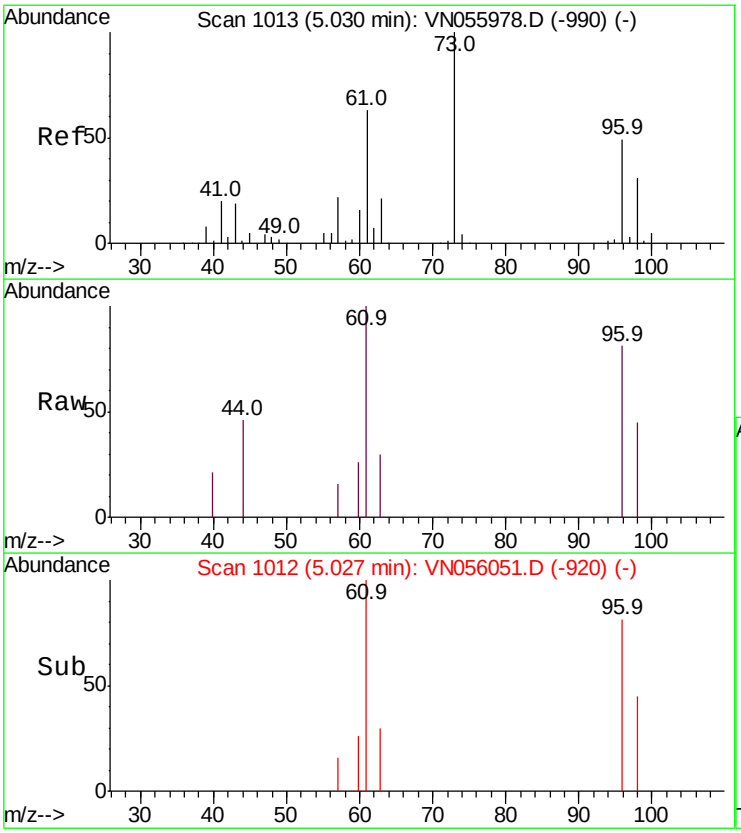
#12
1,1-Dichloroethene
Concen: 43.418 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion: 96 Resp: 125323

Ion	Ratio	Lower	Upper
96	100		
61	144.6	123.2	184.8
98	61.6	50.4	75.6

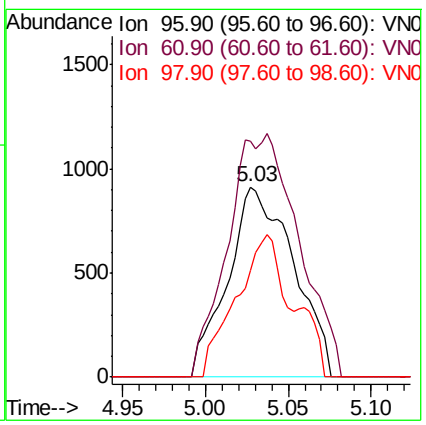


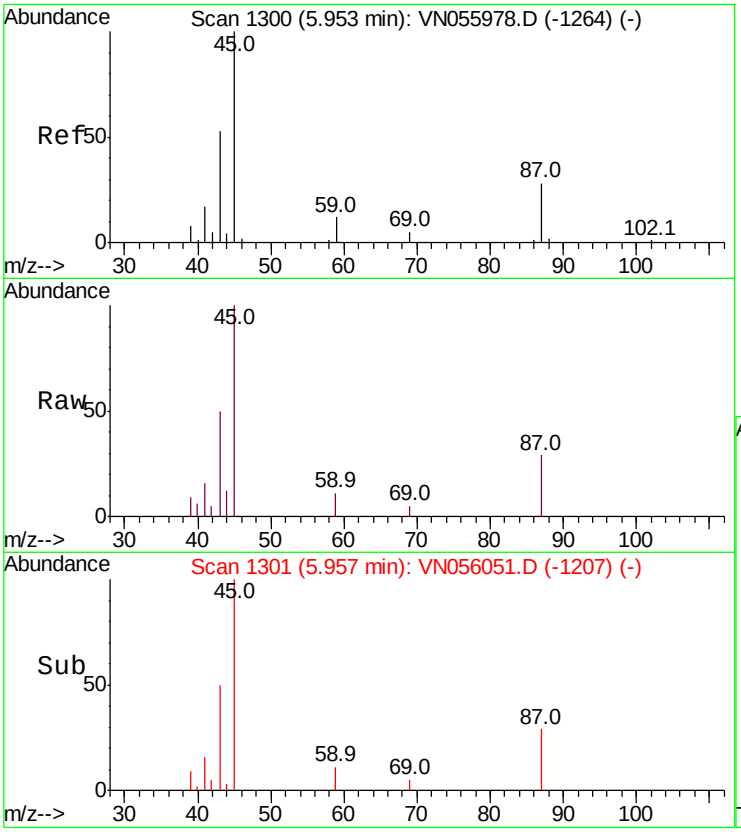


#21
trans-1,2-Dichloroethene
Concen: 0.818 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 96 Resp: 2529

Ion	Ratio	Lower	Upper
96	100		
61	124.0	107.8	161.8
98	56.1	49.8	74.8



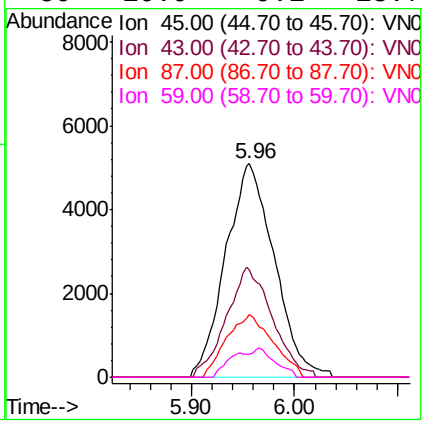


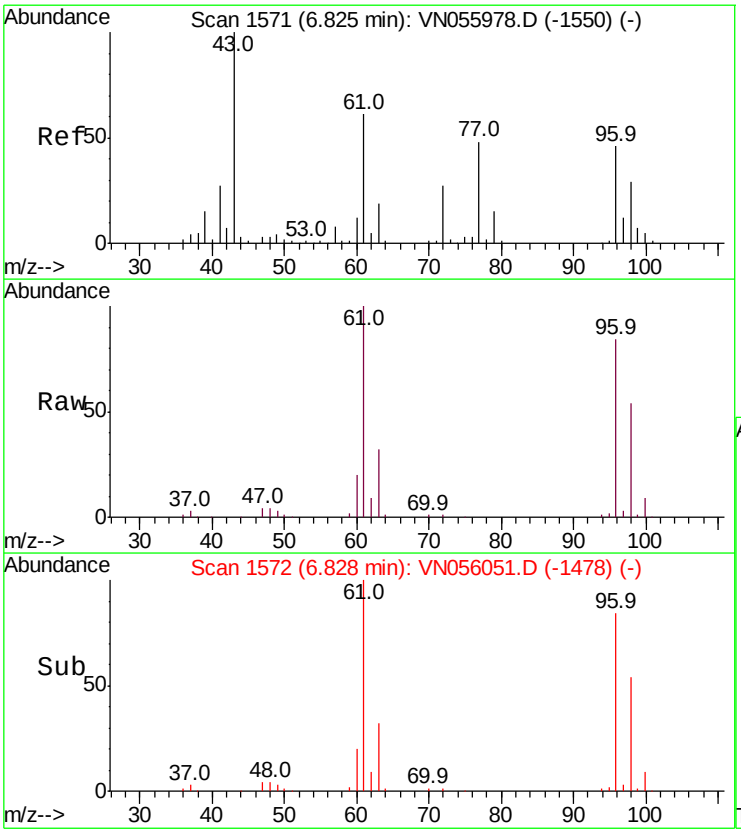
#22
Diisopropyl ether
Concen: 1.772 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument : MSVOA_N
ClientSampleId : LF015MW100-190604

Tgt Ion: 45 Resp: 16699

Ion	Ratio	Lower	Upper
45	100		
43	50.1	45.0	67.6
87	29.3	22.2	33.4
59	10.9	9.1	13.7

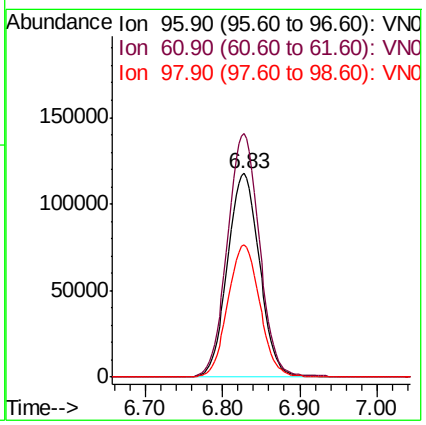


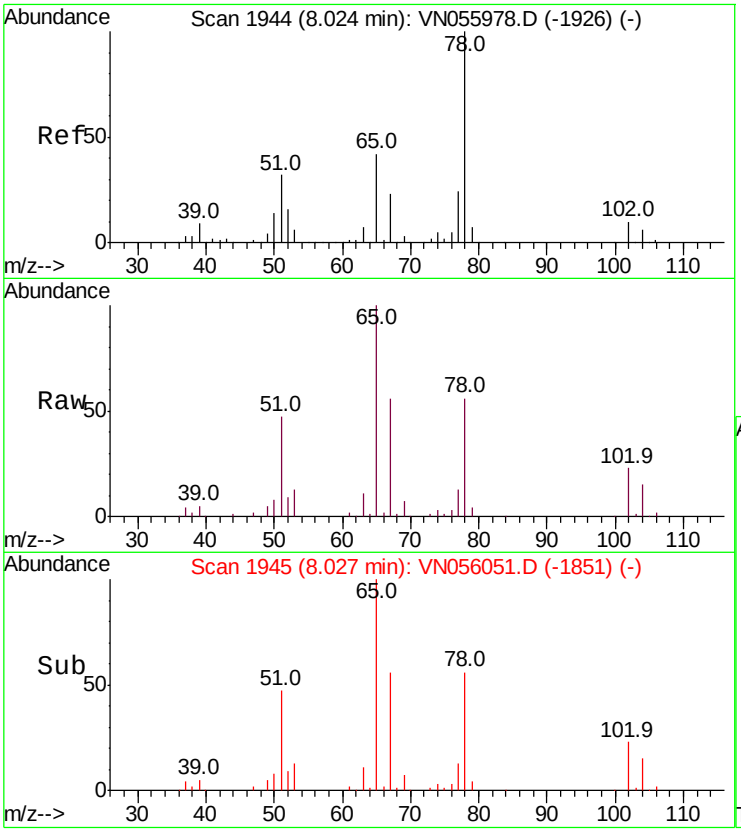


#27
cis-1,2-Dichloroethene
Concen: 93.154 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 96 Resp: 338647

Ion	Ratio	Lower	Upper
96	100		
61	119.2	0.0	275.8
98	64.7	0.0	128.4



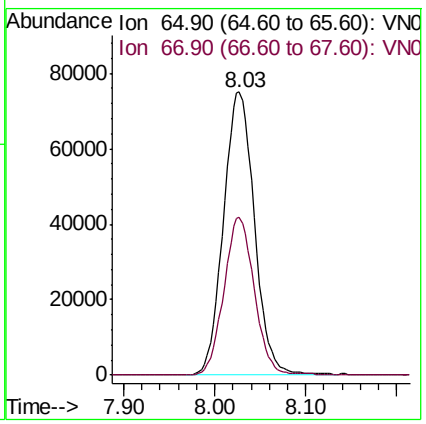


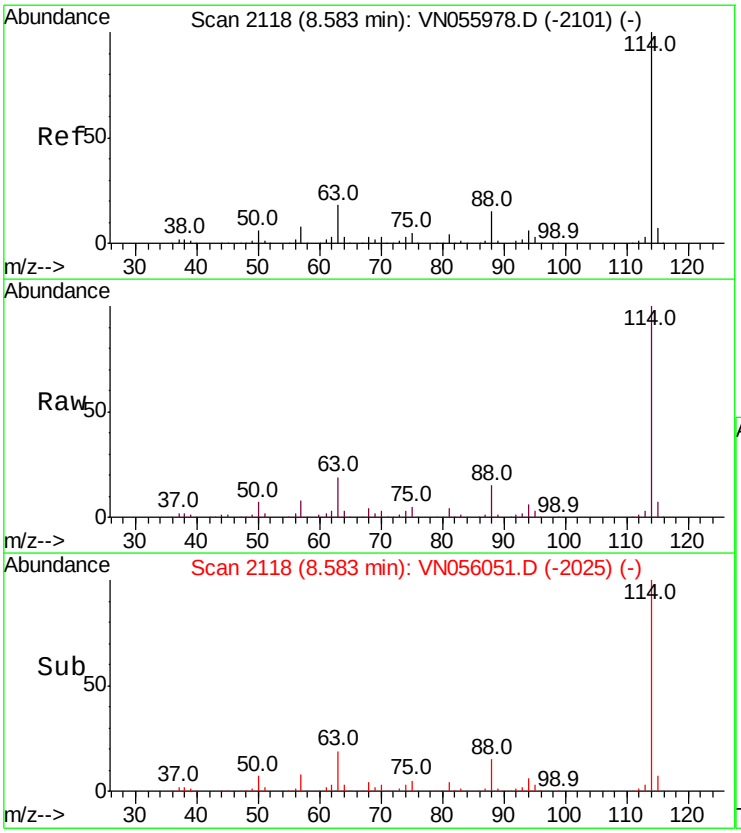
#33
1,2-Dichloroethane-d4
Concen: 52.044 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument : MSVOA_N
ClientSampleId : LF015MW100-190604

Tgt Ion: 65 Resp: 177676

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.2

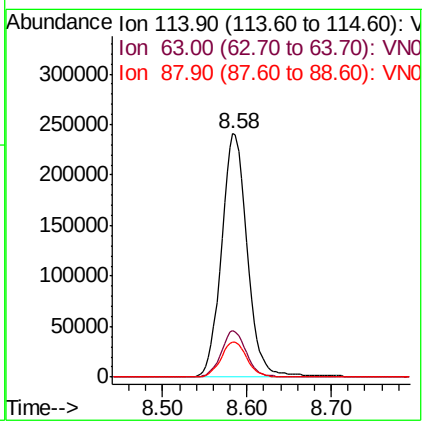


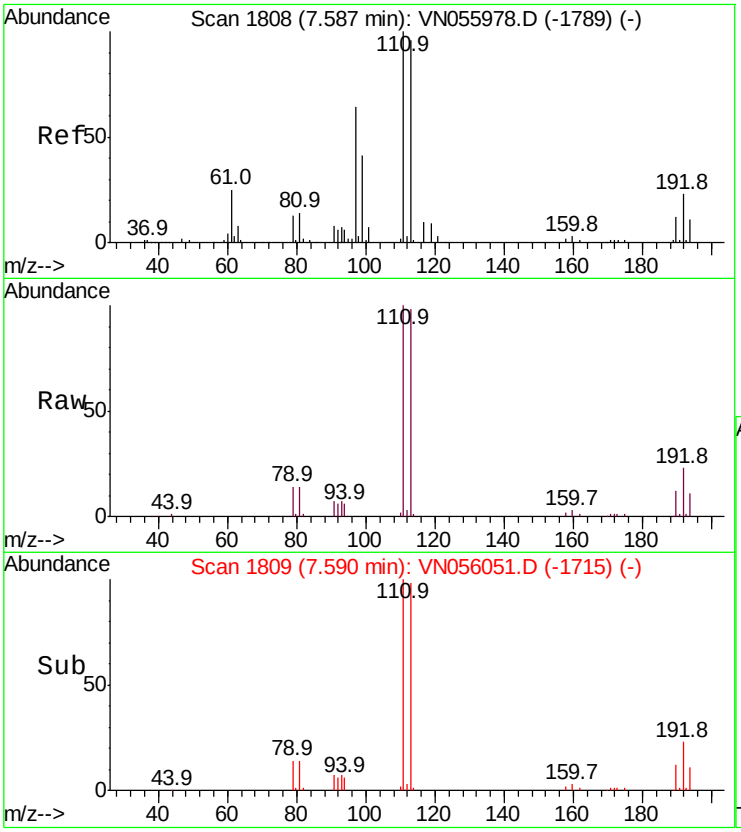


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion:114 Resp: 511229

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.2
88	14.6	0.0	31.0



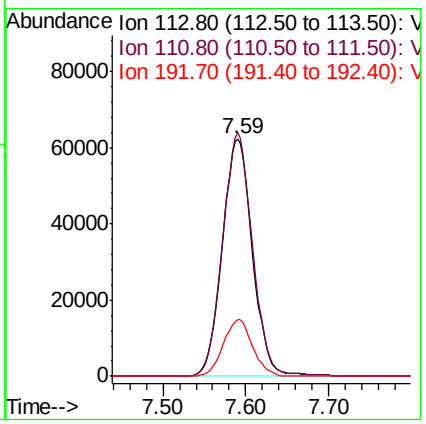


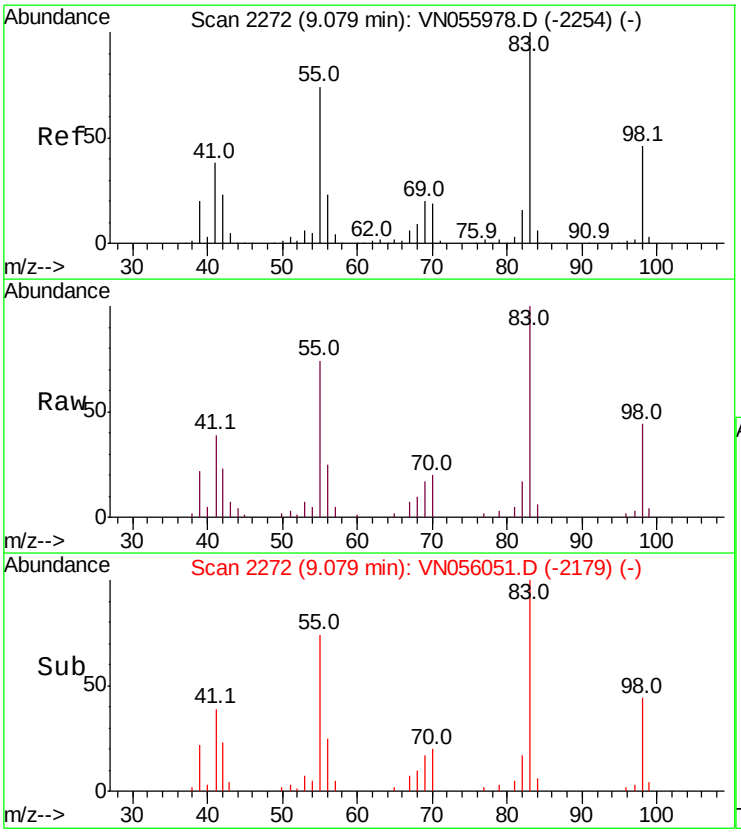
#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion:113 Resp: 157163

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.3	19.5	29.3

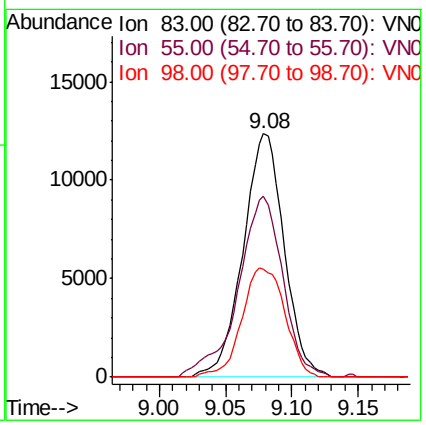


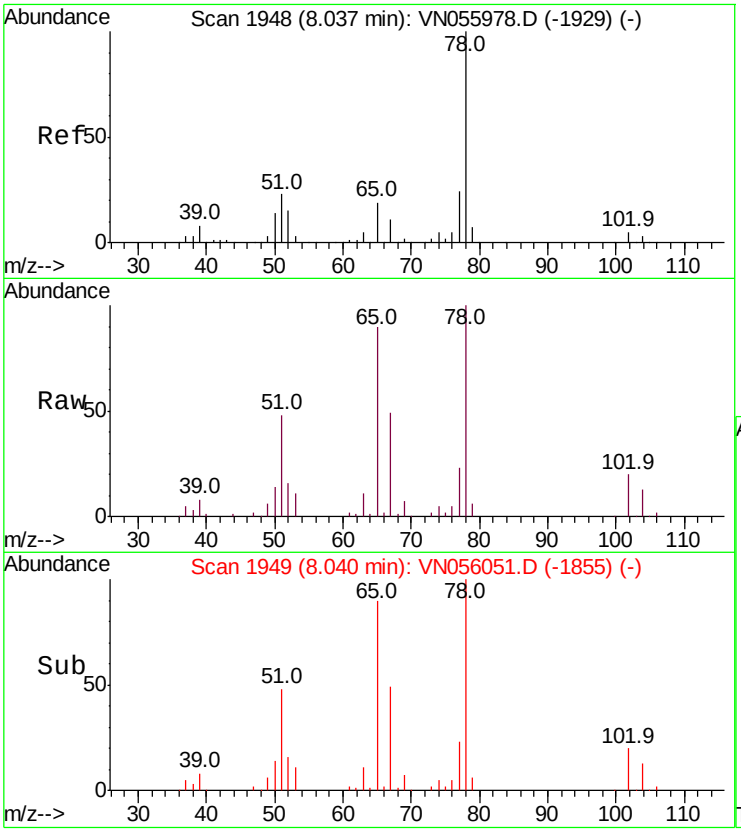


#39
Methylcyclohexane
Concen: 4.862 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 83 Resp: 26626

Ion	Ratio	Lower	Upper
83	100		
55	74.1	59.3	88.9
98	44.1	36.6	54.8



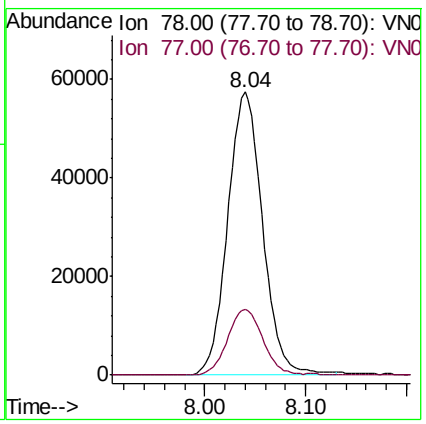


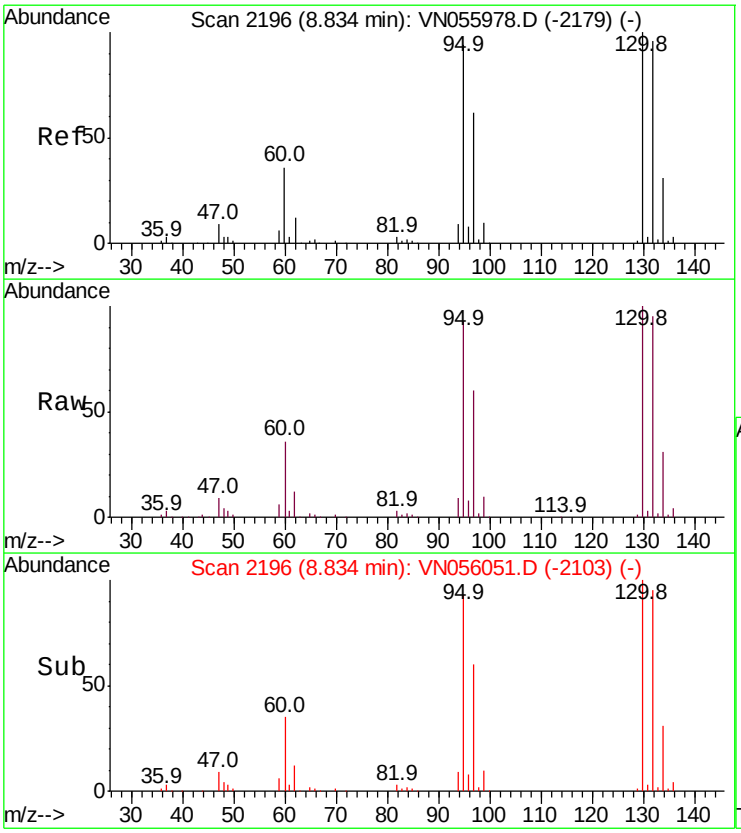
#40
Benzene
Concen: 10.346 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion: 78 Resp: 138135

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

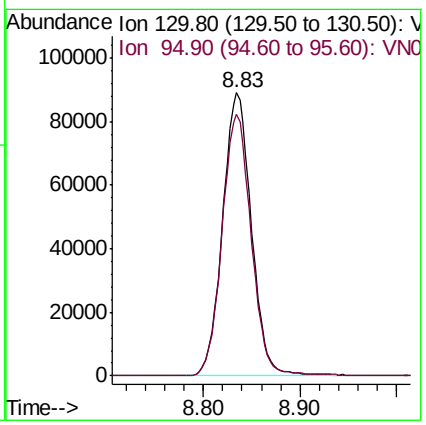


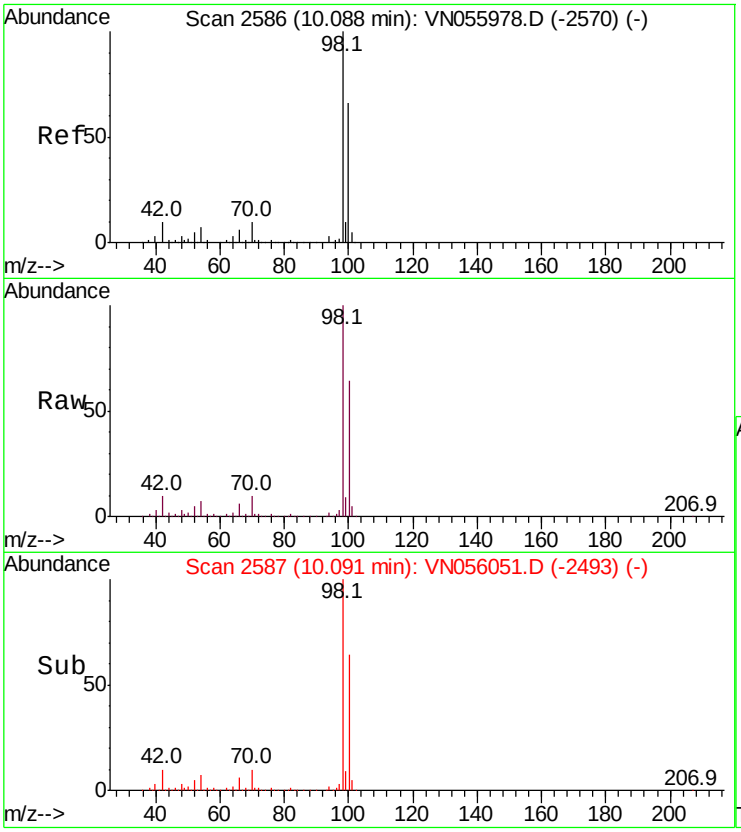


#44
Trichloroethene
Concen: 48.027 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion:130 Resp: 184253

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	188.0



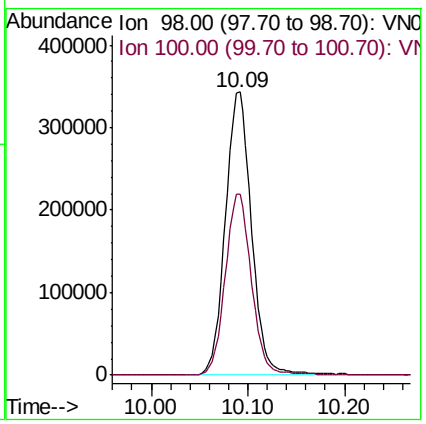


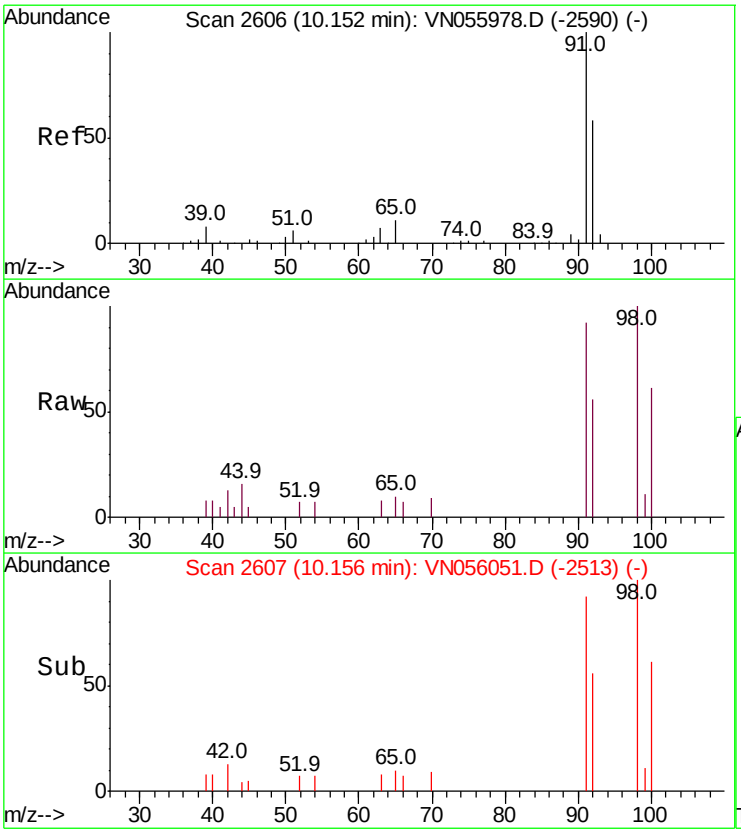
#50
Toluene-d8
Concen: 53.343 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion: 98 Resp: 643826

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

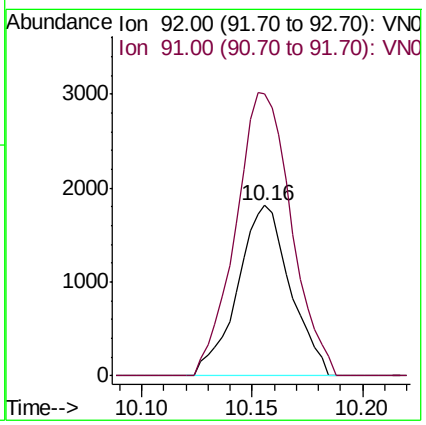


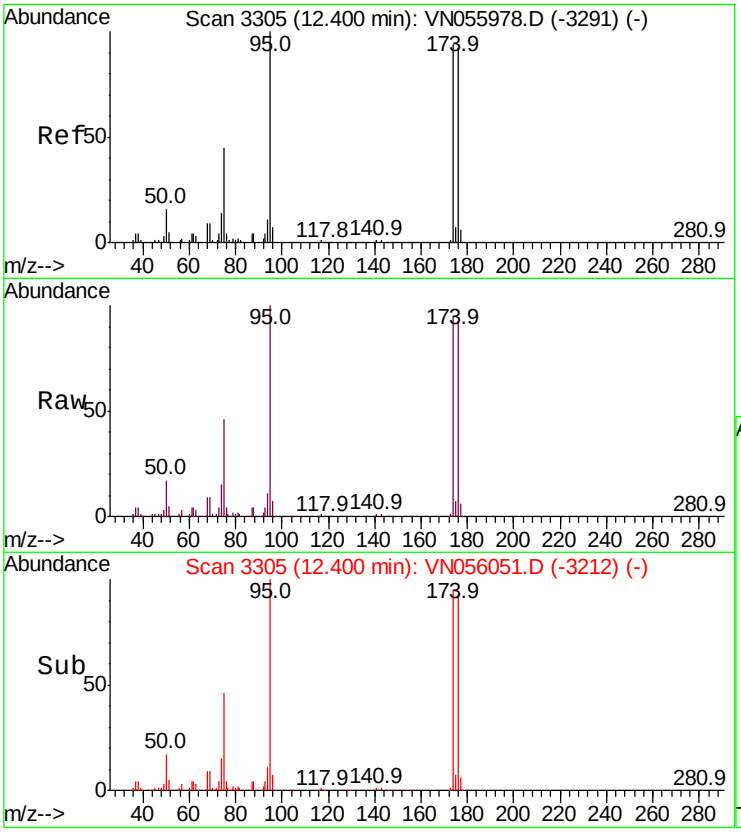


#52
Toluene
Concen: 0.363 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 92 Resp: 3015

Ion	Ratio	Lower	Upper
92	100		
91	176.0	139.4	209.2



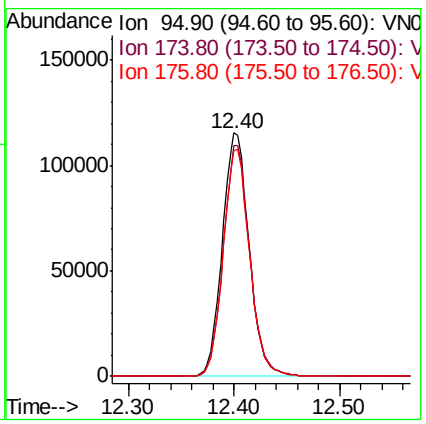


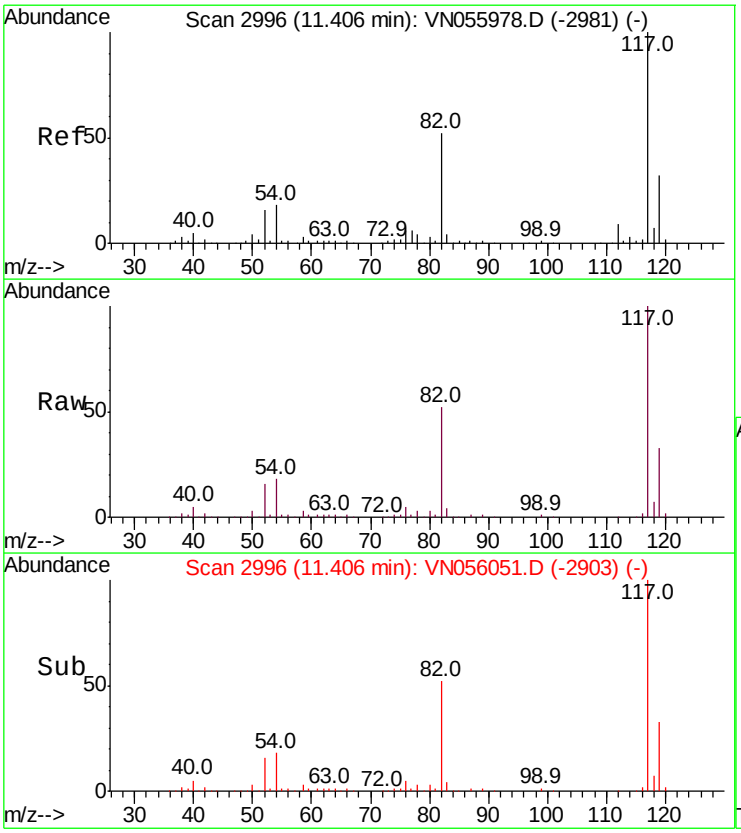
#62
4-Bromofluorobenzene
Concen: 49.256 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion: 95 Resp: 202174

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	191.0
176	92.4	0.0	185.2

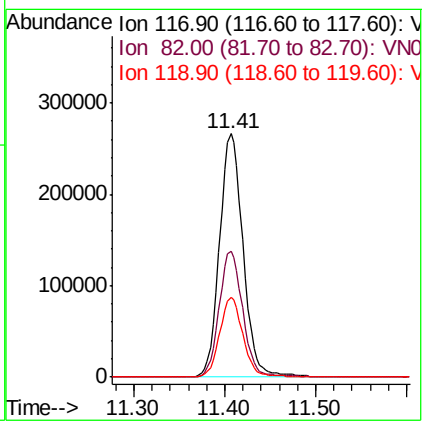


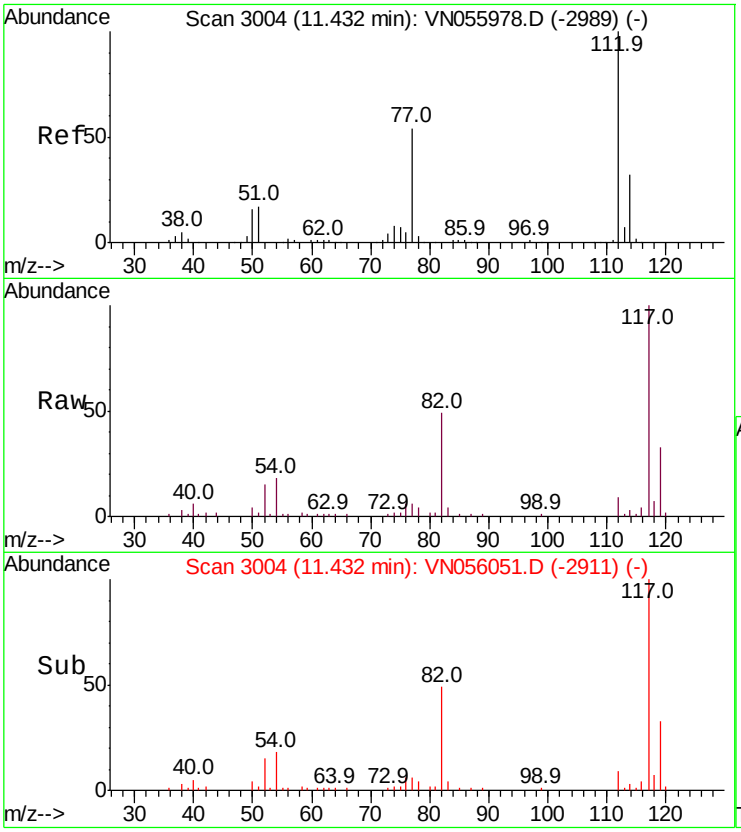


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion:117 Resp: 479437

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.8
119	32.5	25.4	38.0



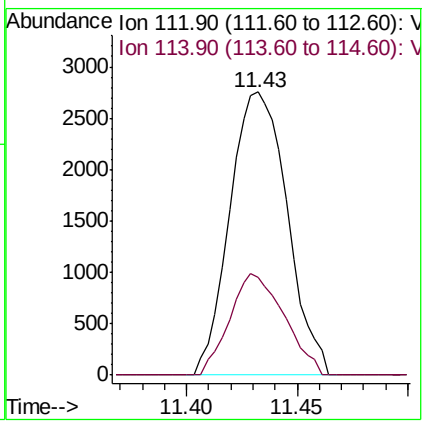


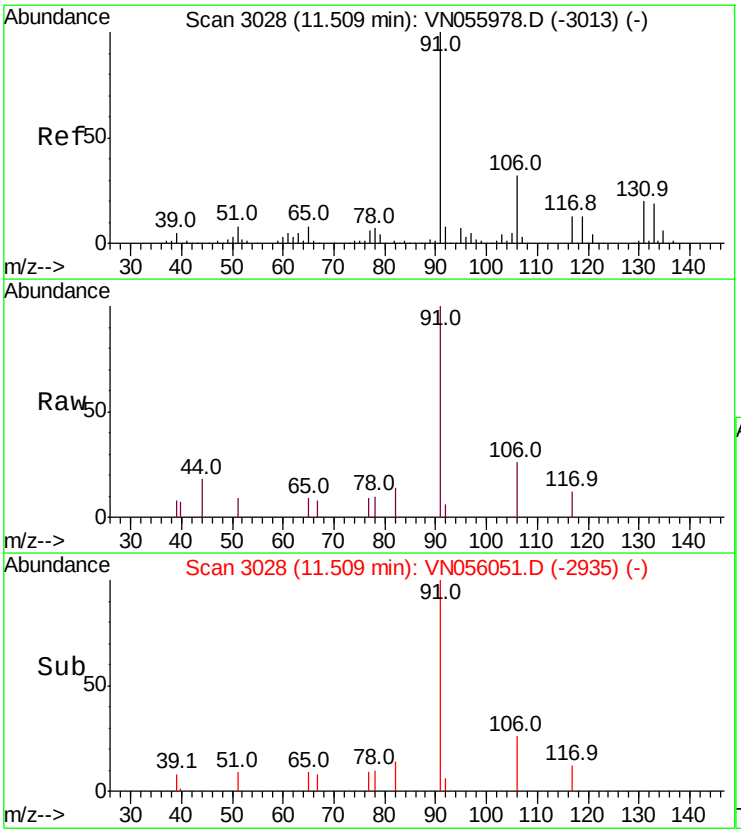
#65
Chlorobenzene
Concen: 0.520 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion:112 Resp: 4964

Ion	Ratio	Lower	Upper
112	100		
114	34.5	26.2	39.4

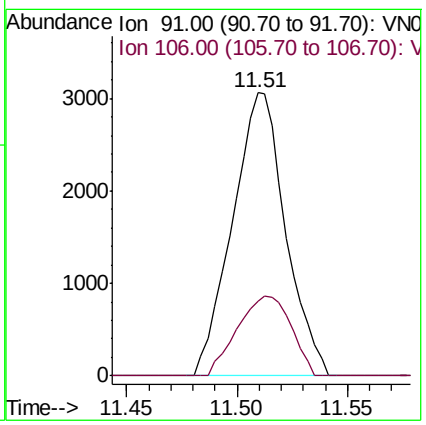


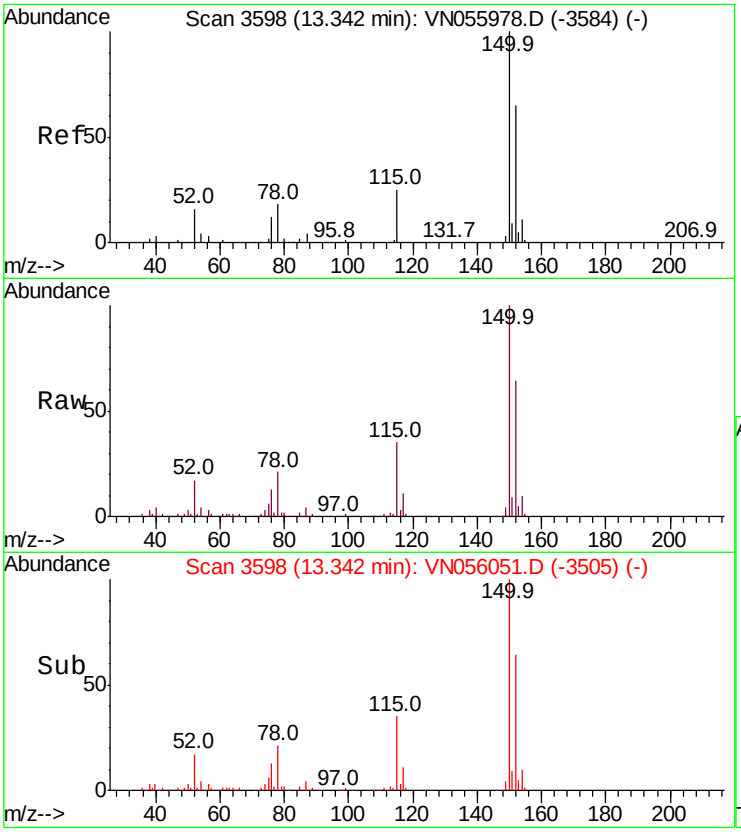


#67
Ethyl Benzene
Concen: 0.308 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion: 91 Resp: 5105

Ion	Ratio	Lower	Upper
91	100		
106	26.4	25.1	37.7



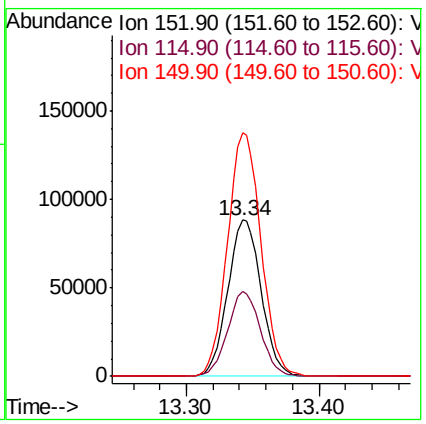


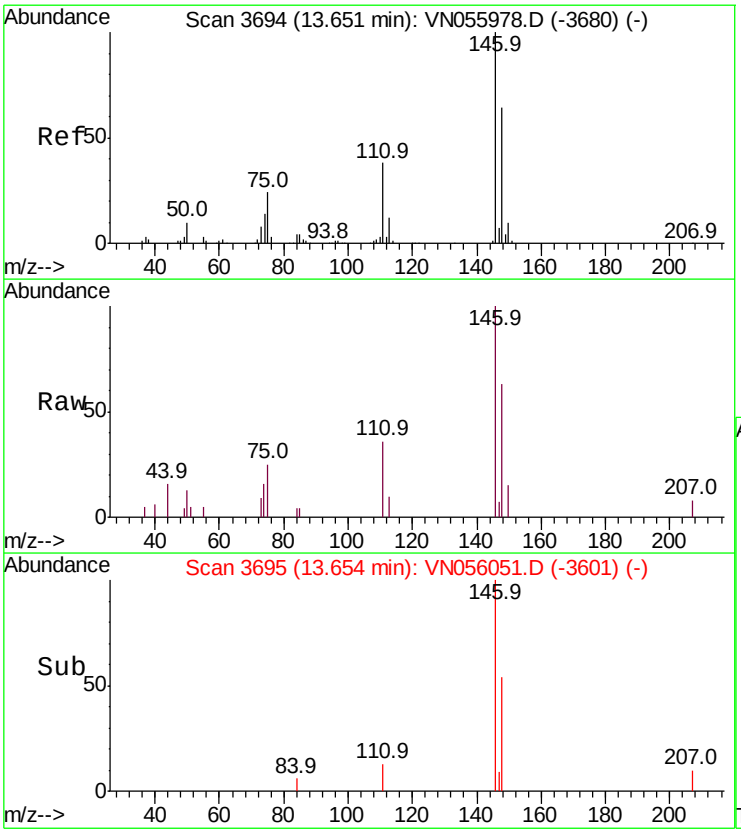
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
LF015MW100-190604

Tgt Ion:152 Resp: 154217

Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.0	81.0
150	156.3	0.0	343.2





#91
1,2-Dichlorobenzene
Concen: 1.223 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN056051.D
Acq: 6 Jun 2019 17:26

Tgt Ion:146 Resp: 6311

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.0	31.9	95.9