Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
Data File : VN055827.D
Acq On : 25 May 2019 5:04
Operator : JC/SP
Sample : K3037-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW6-R1-1

Quant Time: May 26 23:20:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	423693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	598344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	196602	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.86%			
35) Dibromofluoromethane	7.59	113	182377	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
50) Toluene-d8	10.09	98	711271	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.04%			
62) 4-Bromofluorobenzene	12.40	95	234206	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.14%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.18	62	4513861	1059.278	ug/l	100
12) 1,1-Dichloroethene	3.73	96	86896	24.115	ug/l	97
16) Acetone	3.82	43	7072	3.677	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	44523	11.501	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	25994824	5755.572	ug/l #	21
39) Methylcyclohexane	9.08	83	3964	0.614	ug/l	96
40) Benzene	8.04	78	78597	5.001	ug/l	99
44) Trichloroethene	8.83	130	1095617	250.080	ug/l	98
52) Toluene	10.16	92	12965	1.312	ug/l	96
64) Tetrachloroethene	10.63	164	1283006	276.977	ug/l	99
67) Ethyl Benzene	11.51	91	6311	0.320	ug/l	96
68) m/p-Xylenes	11.62	106	5825	0.781	ug/l	97
69) o-Xylene	11.95	106	3070	0.415	ug/l	88
88) 1,4-Dichlorobenzene	13.36	146	16421	2.526	ug/l	89

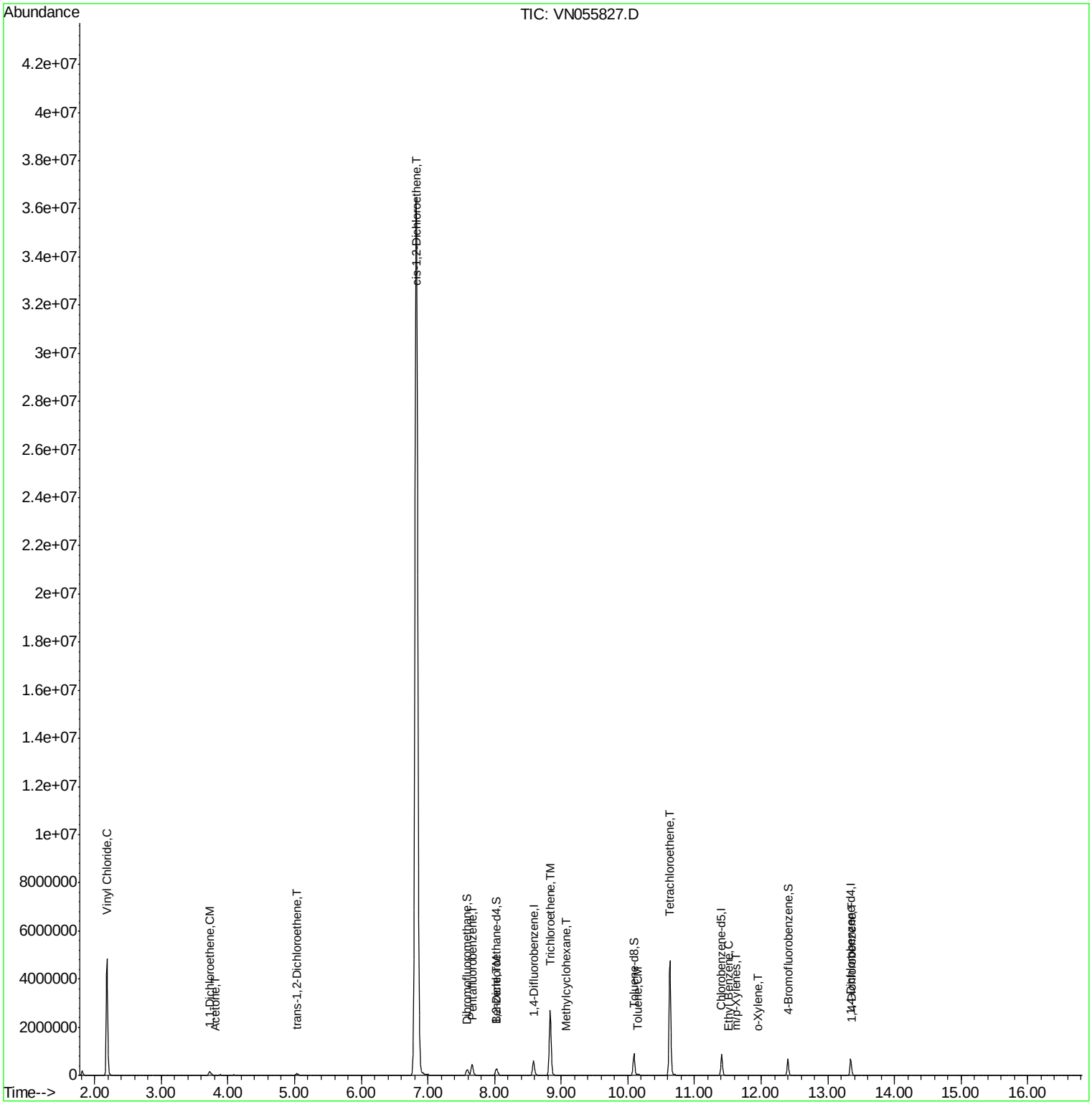
(#) = qualifier out of range (m) = manual integration (+) = signals summed

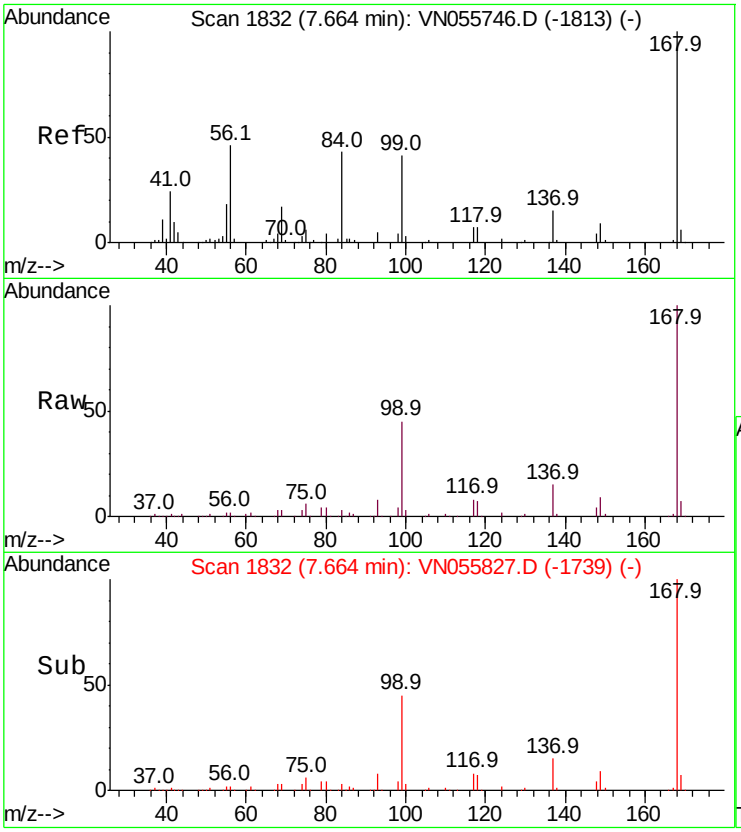
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
Data File : VN055827.D
Acq On : 25 May 2019 5:04
Operator : JC/SP
Sample : K3037-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-1

Quant Time: May 26 23:20:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration



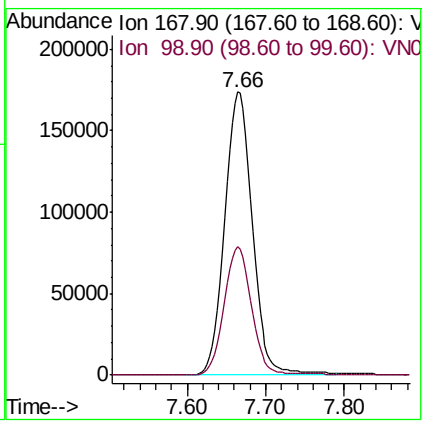


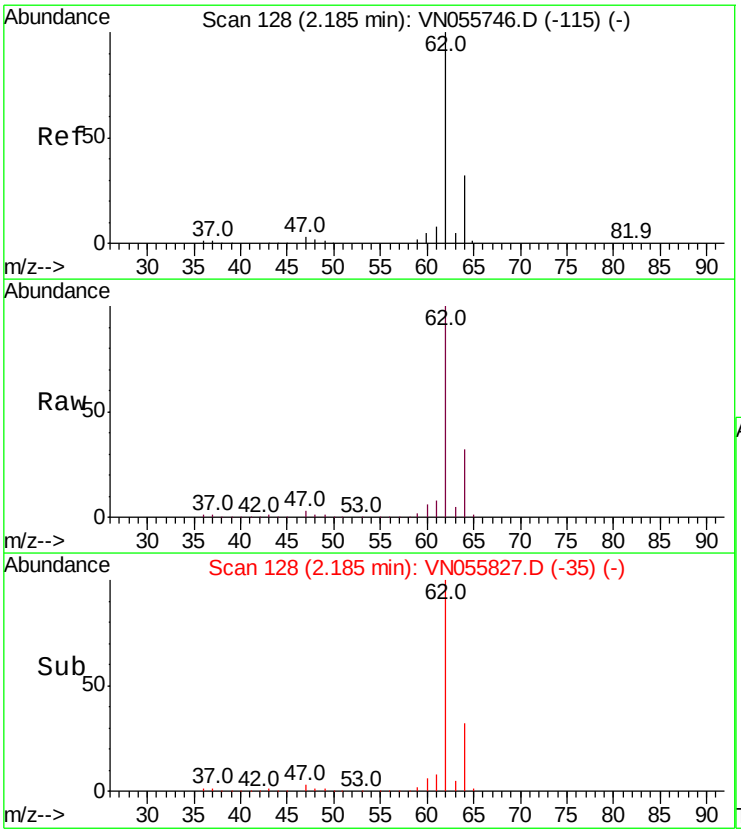
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-1

Tgt Ion:168 Resp: 423693

Ion	Ratio	Lower	Upper
168	100		
99	45.4	37.2	55.8

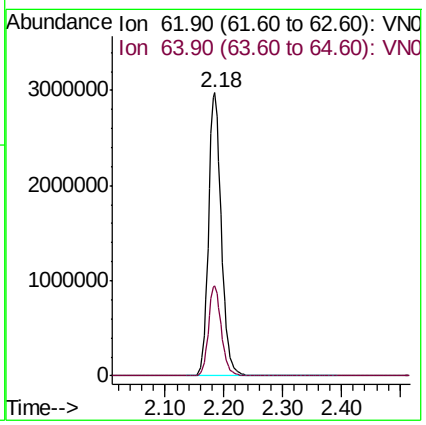


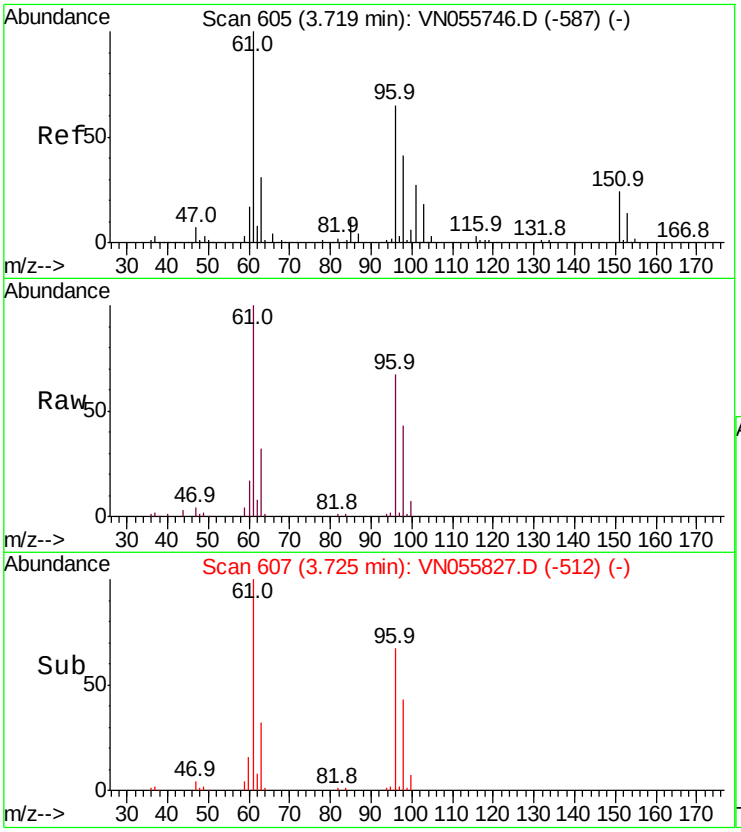


#4
Vinyl Chloride
Concen: 1059.278 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion: 62 Resp: 4513861

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.6	38.4



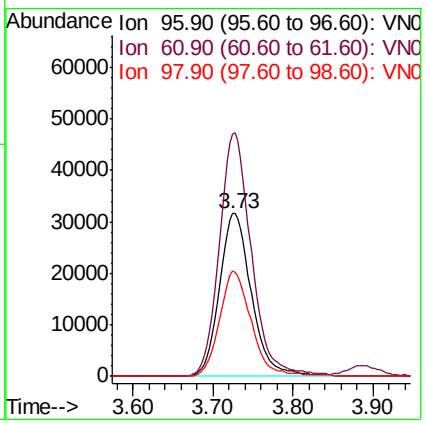


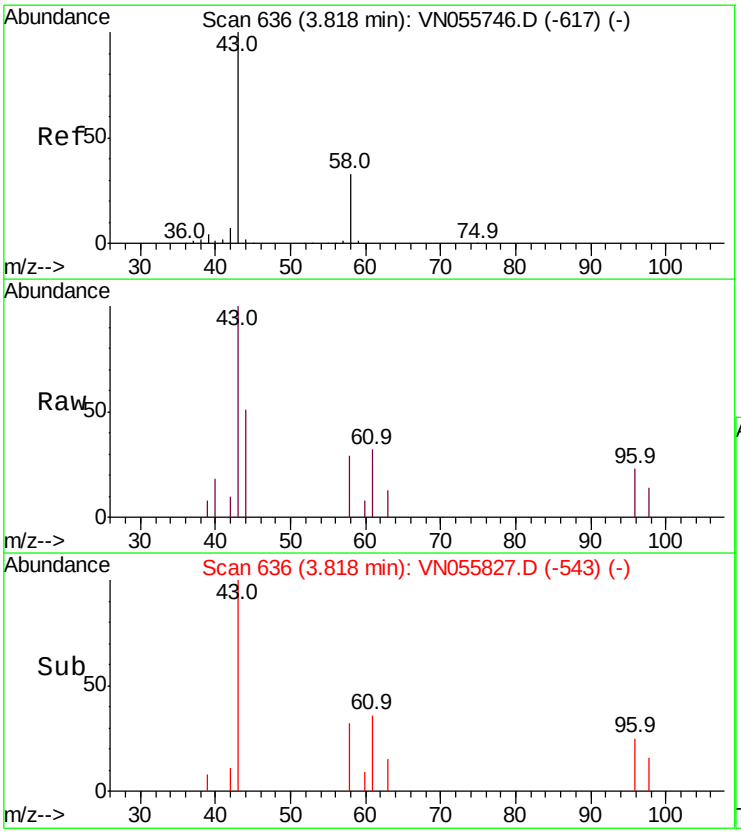
#12
1,1-Dichloroethene
Concen: 24.115 ug/l
RT: 3.73 min Scan# 607
Delta R.T. 0.01 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument : MSVOA_N
ClientSampleId : MW6-R1-1

Tgt Ion: 96 Resp: 86896

Ion	Ratio	Lower	Upper
96	100		
61	149.2	123.2	184.8
98	64.7	50.4	75.6

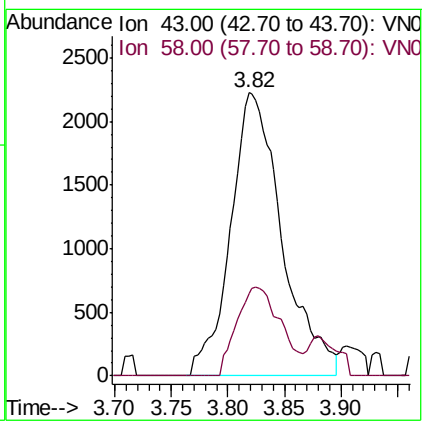


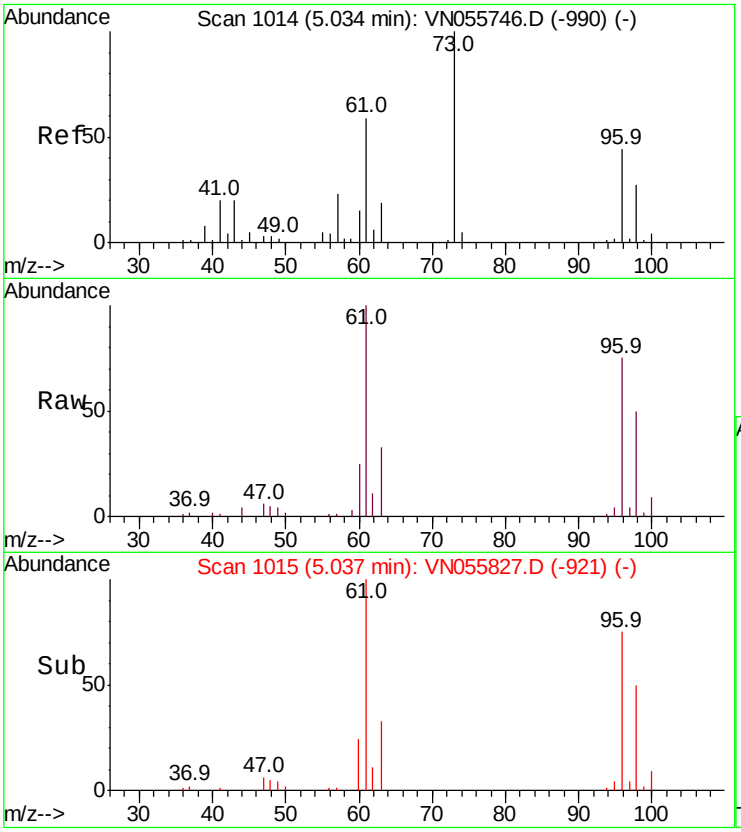


#16
Acetone
Concen: 3.677 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion: 43 Resp: 7072

Ion	Ratio	Lower	Upper
43	100		
58	29.0	26.6	39.8



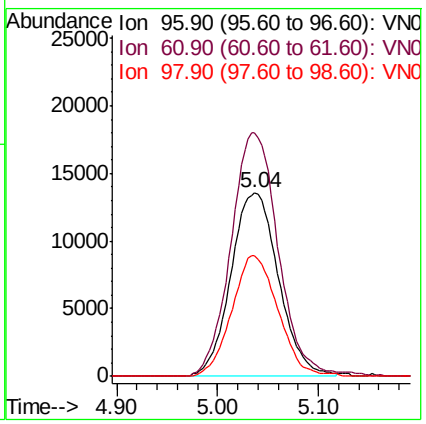


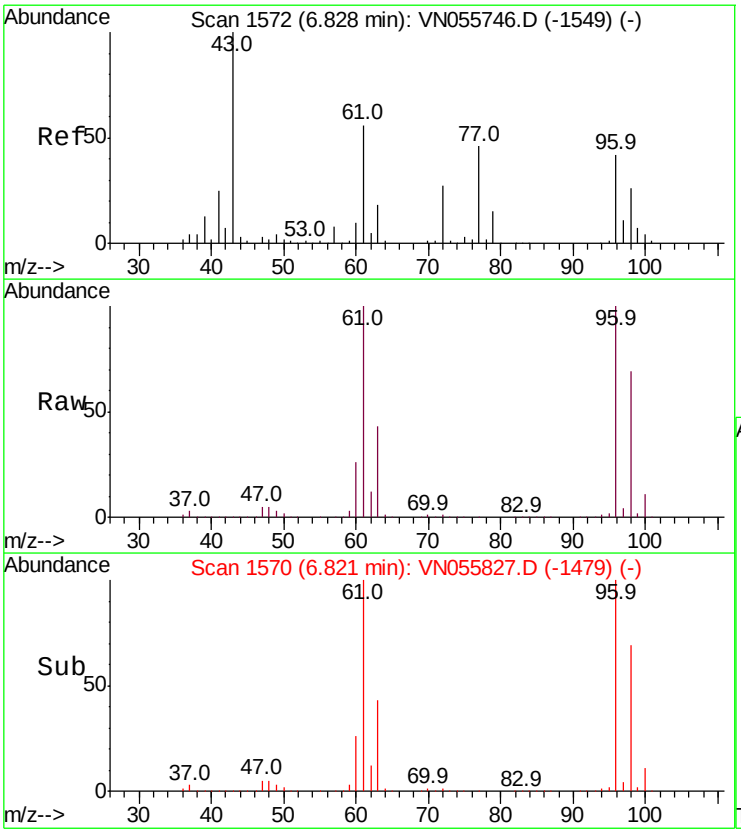
#21
trans-1,2-Dichloroethene
Concen: 11.501 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-1

Tgt Ion: 96 Resp: 44523

Ion	Ratio	Lower	Upper
96	100		
61	132.5	107.8	161.8
98	65.6	49.8	74.8

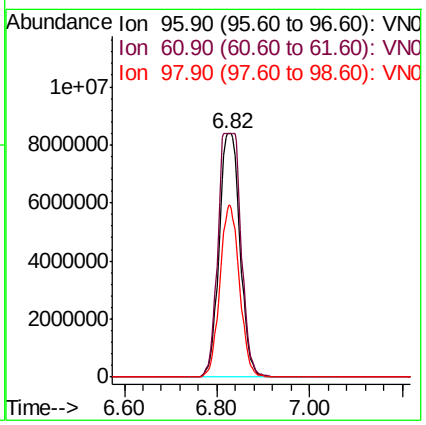


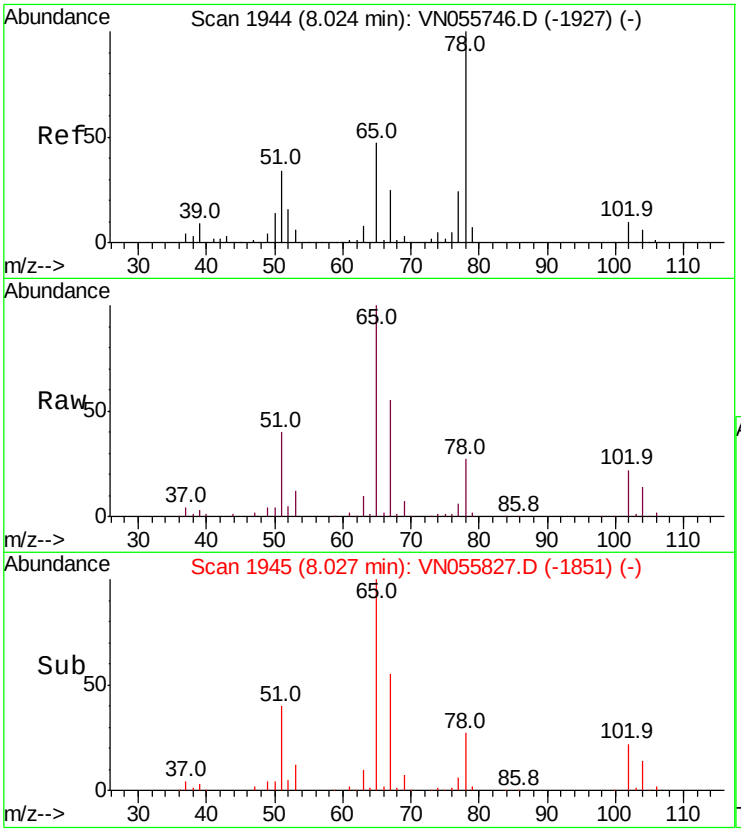


#27
cis-1,2-Dichloroethene
Concen: 5755.572 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion: 96 Resp:25994824

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	275.8
98	66.5	0.0	128.4



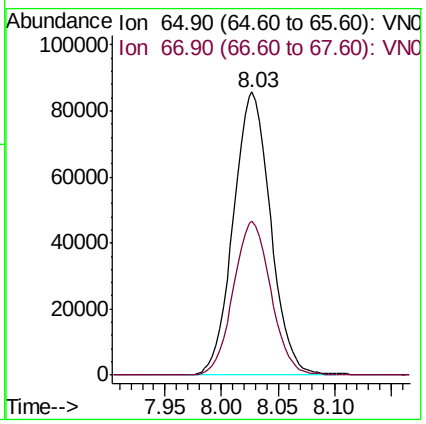


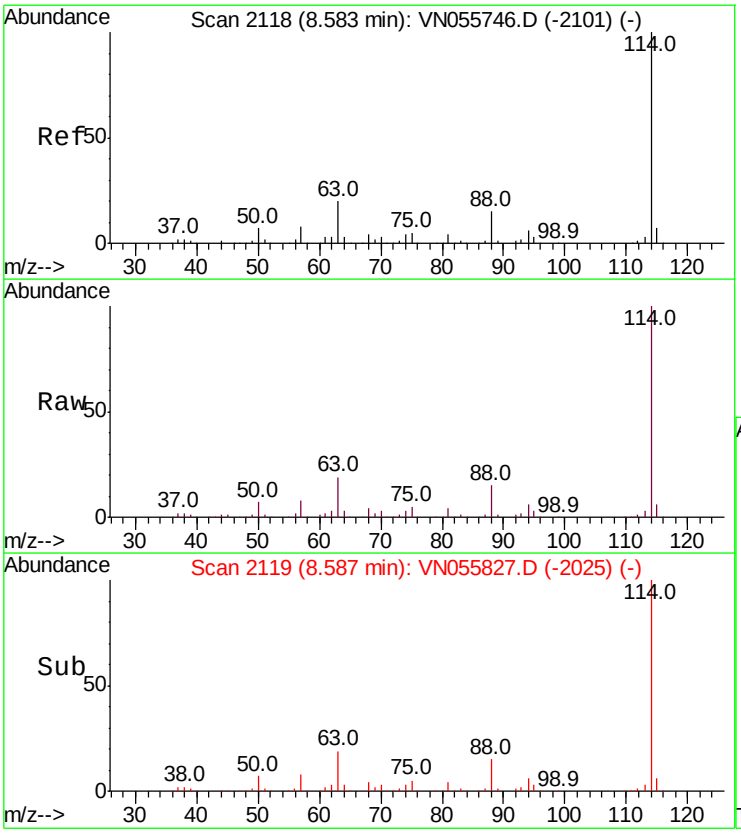
#33
1,2-Dichloroethane-d4
Concen: 44.932 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument : MSVOA_N
ClientSampleId : MW6-R1-1

Tgt Ion: 65 Resp: 196602

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.2

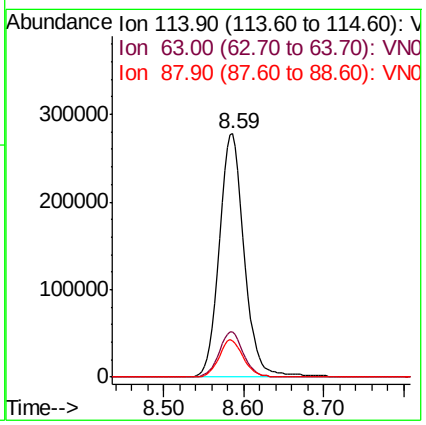


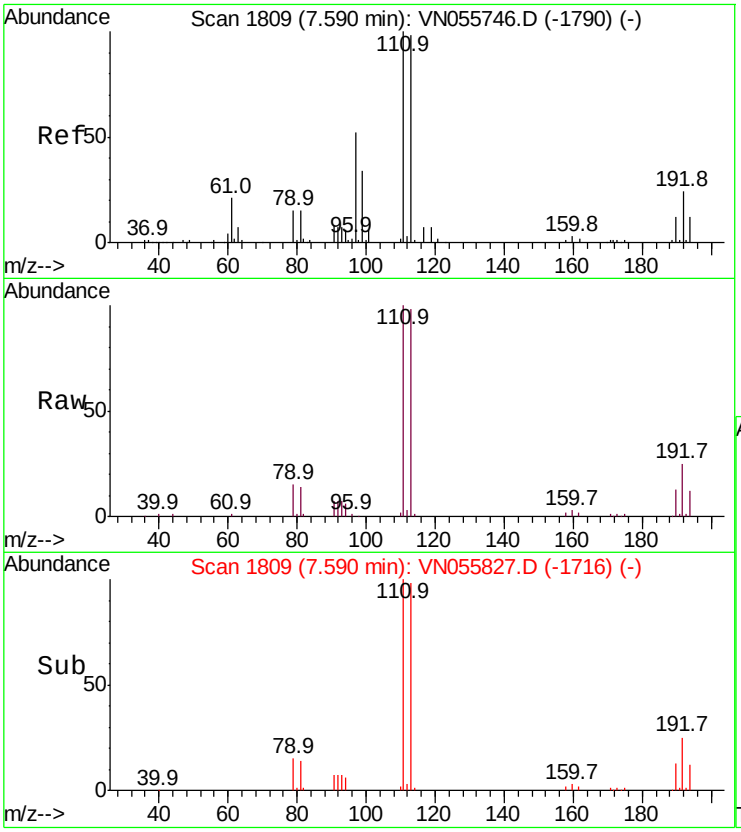


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion:114 Resp: 598344

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.2
88	15.0	0.0	31.0



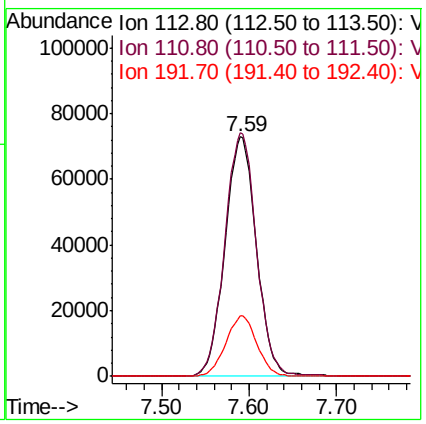


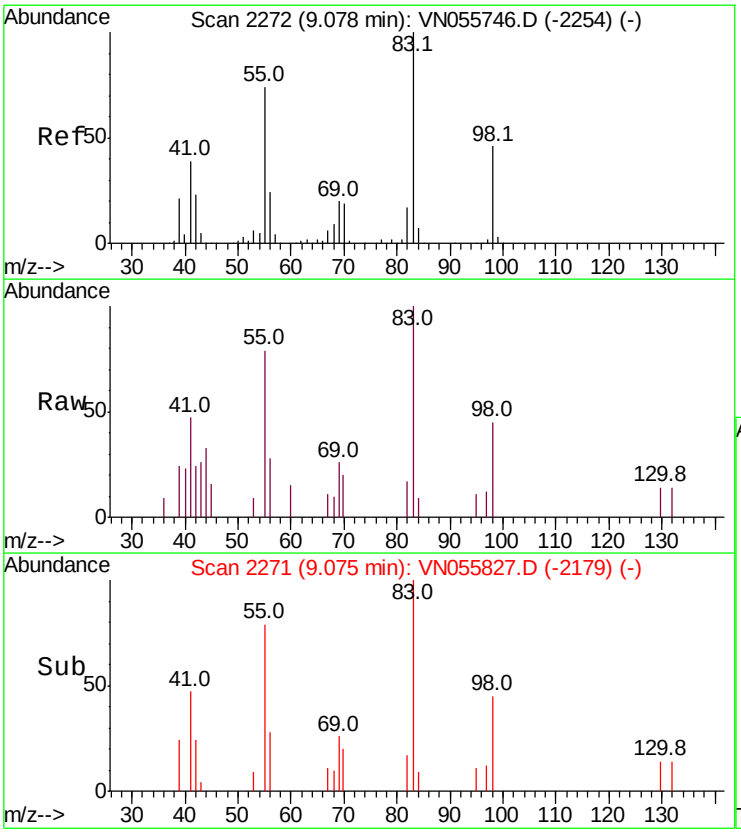
#35
Dibromofluoromethane
Concen: 48.210 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-1

Tgt Ion:113 Resp: 182377

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	24.9	19.5	29.3

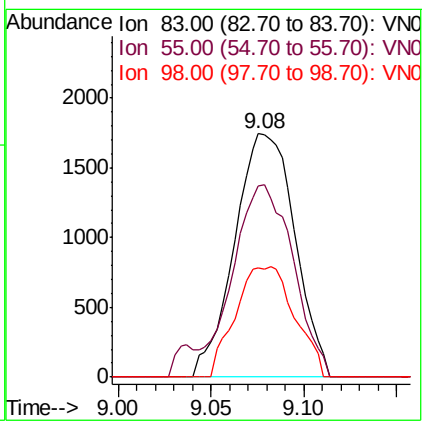


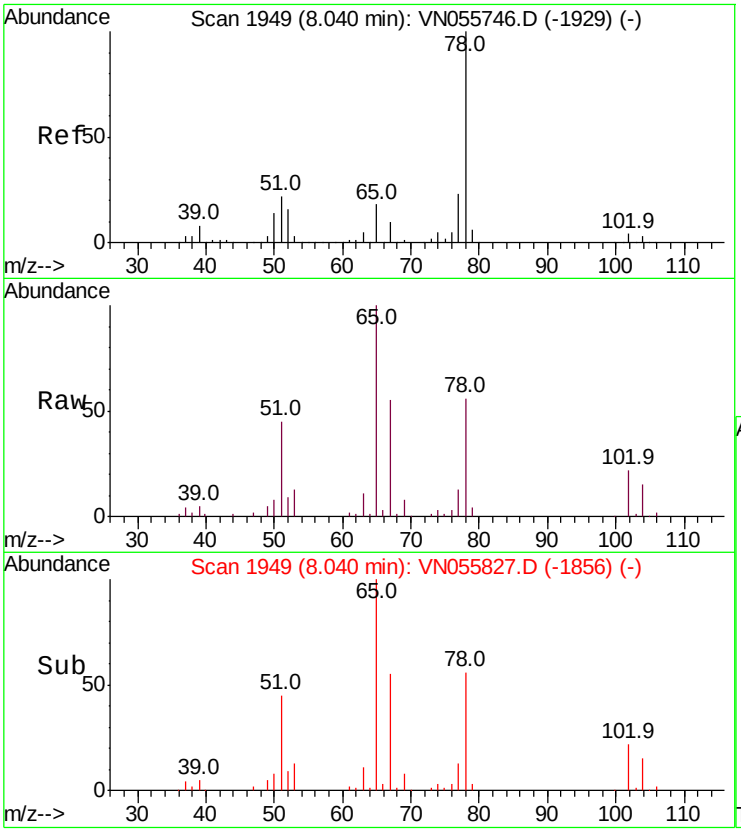


#39
Methylcyclohexane
Concen: 0.614 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion: 83 Resp: 3964

Ion	Ratio	Lower	Upper
83	100		
55	78.8	59.3	88.9
98	44.9	36.6	54.8



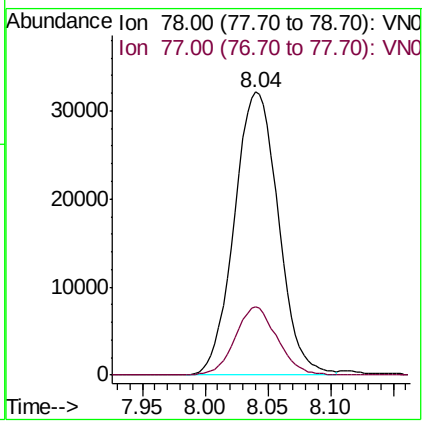


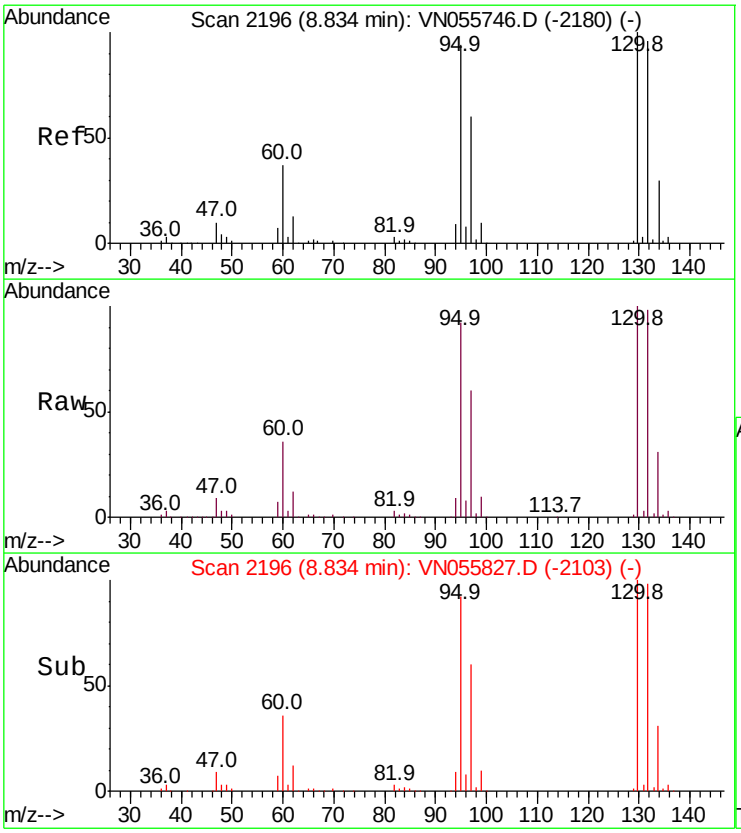
#40
Benzene
Concen: 5.001 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-1

Tgt Ion: 78 Resp: 78597

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2

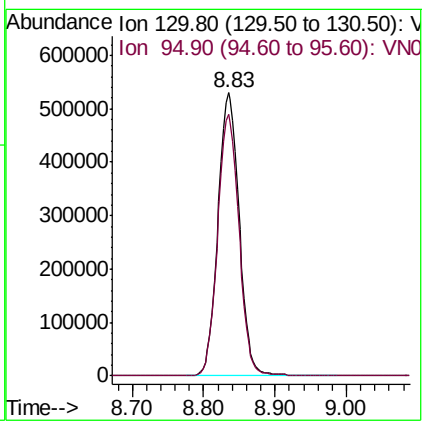


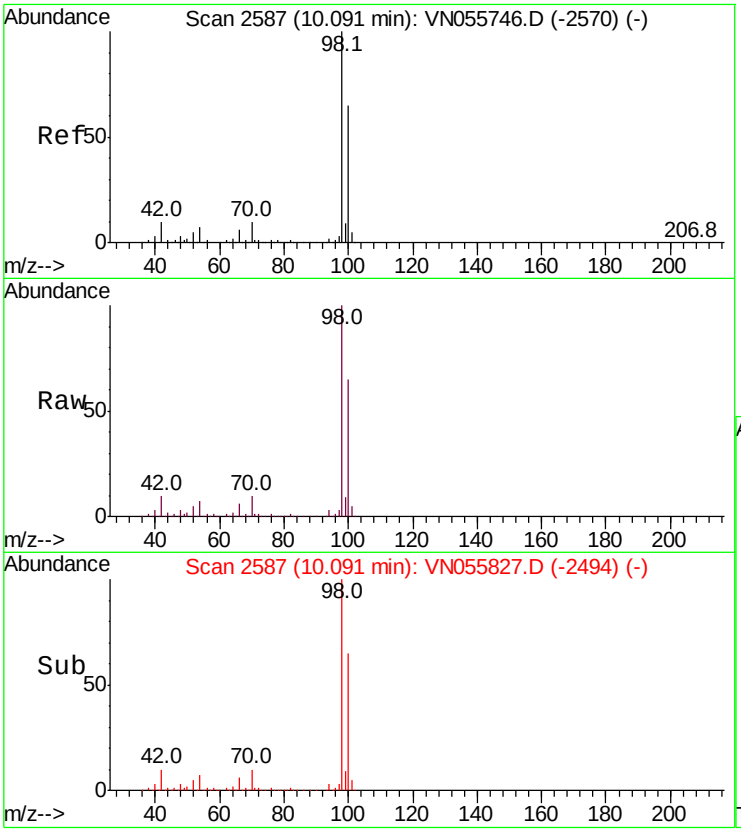


#44
Trichloroethene
Concen: 250.080 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion:130 Resp: 1095617

Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	188.0



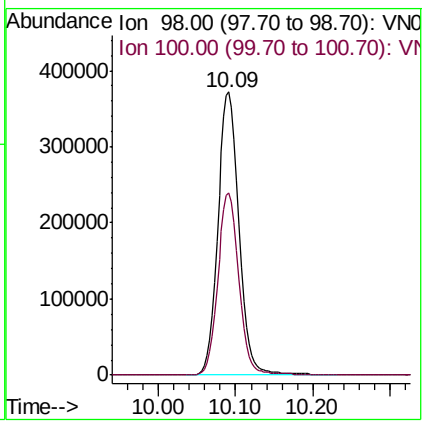


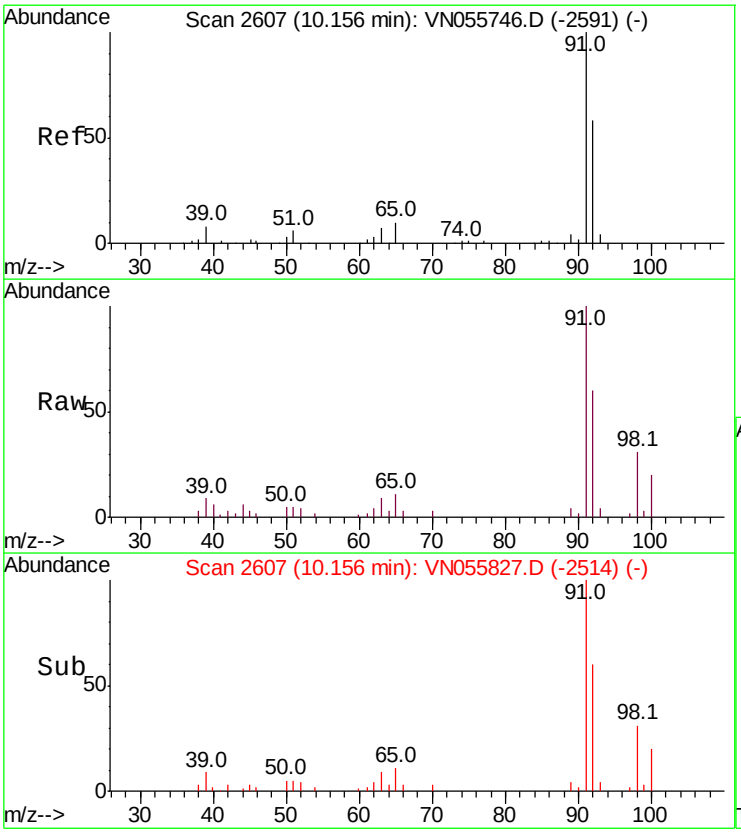
#50
Toluene-d8
Concen: 49.016 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument : MSVOA_N
ClientSampleId : MW6-R1-1

Tgt Ion: 98 Resp: 711271

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

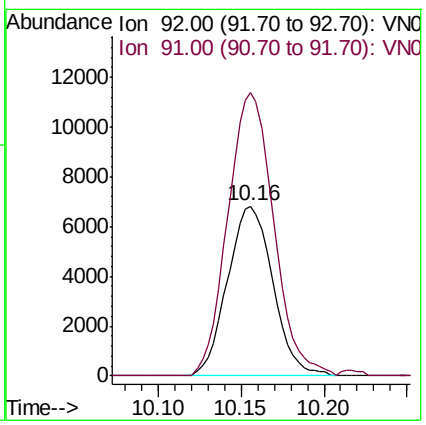


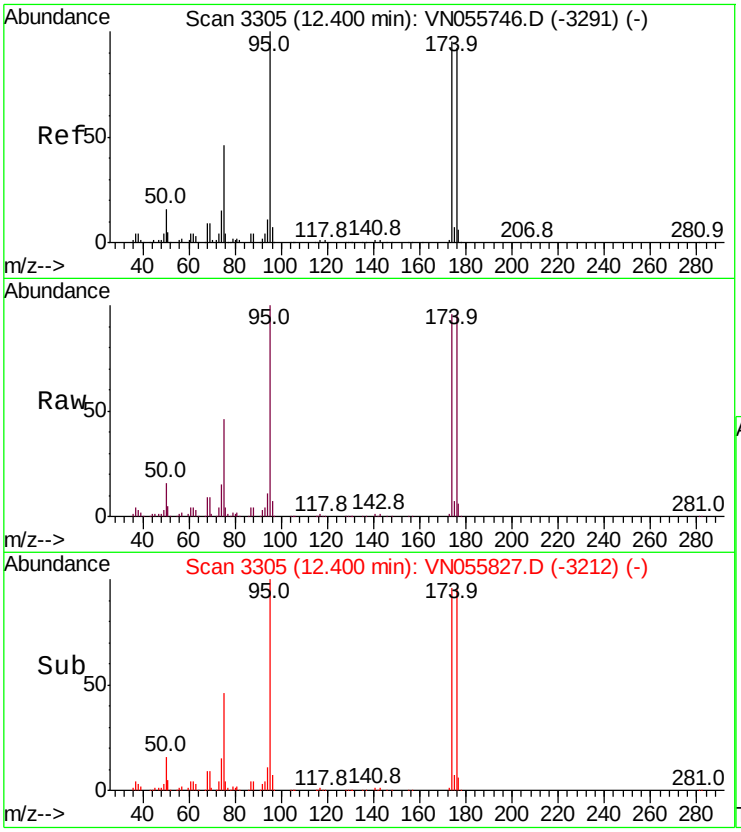


#52
Toluene
Concen: 1.312 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion: 92 Resp: 12965

Ion	Ratio	Lower	Upper
92	100		
91	169.1	139.4	209.2



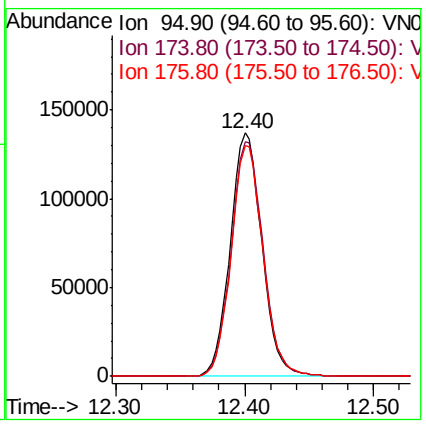


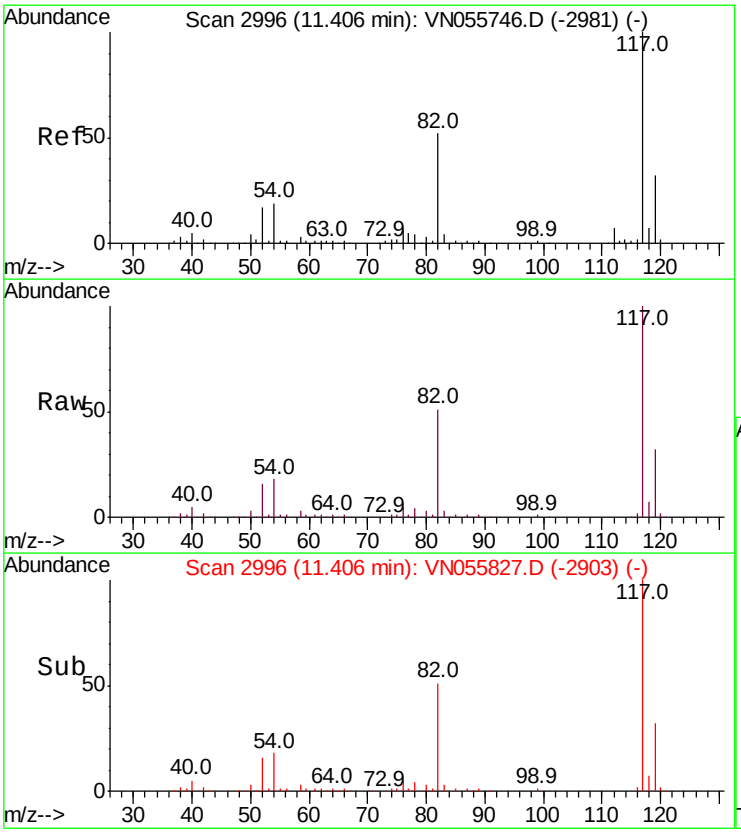
#62
4-Bromofluorobenzene
Concen: 47.070 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-1

Tgt Ion: 95 Resp: 234206

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	191.0
176	94.9	0.0	185.2

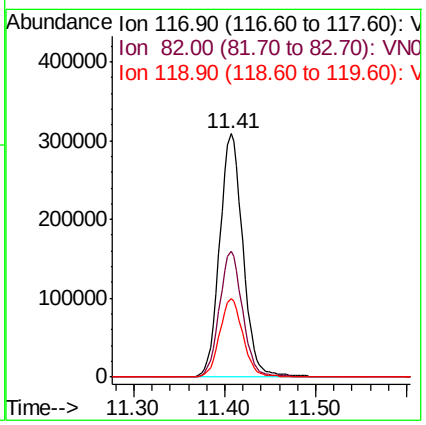


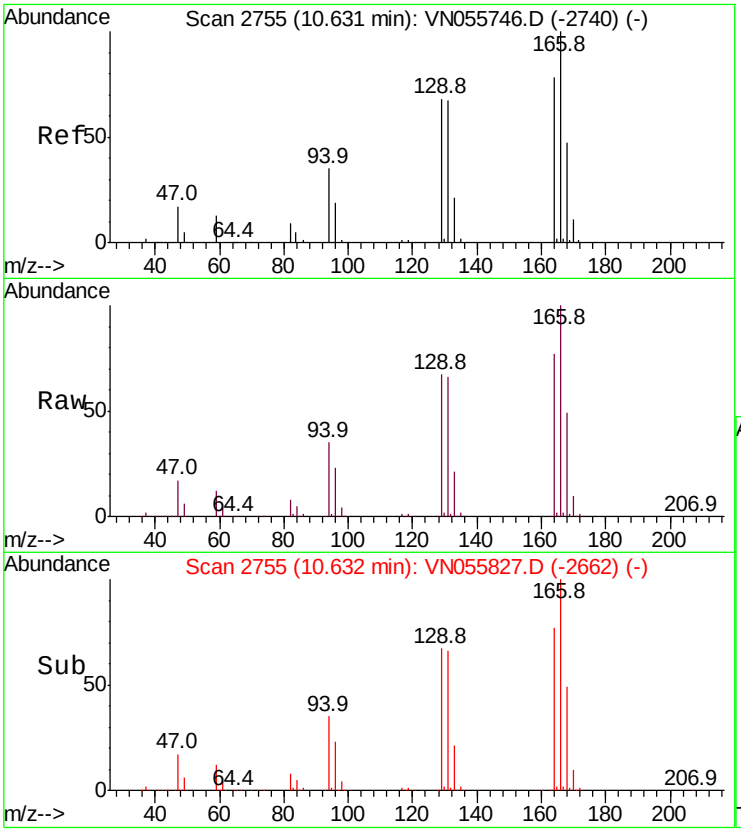


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion:117 Resp: 549214

Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.8	62.8
119	32.2	25.4	38.0



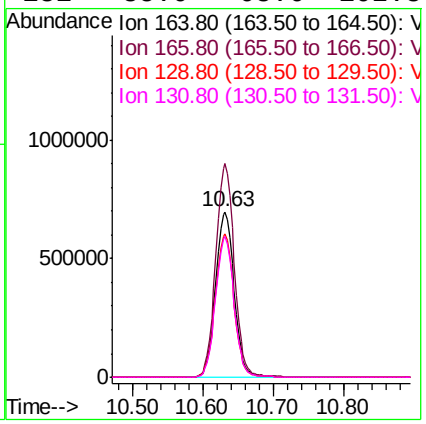


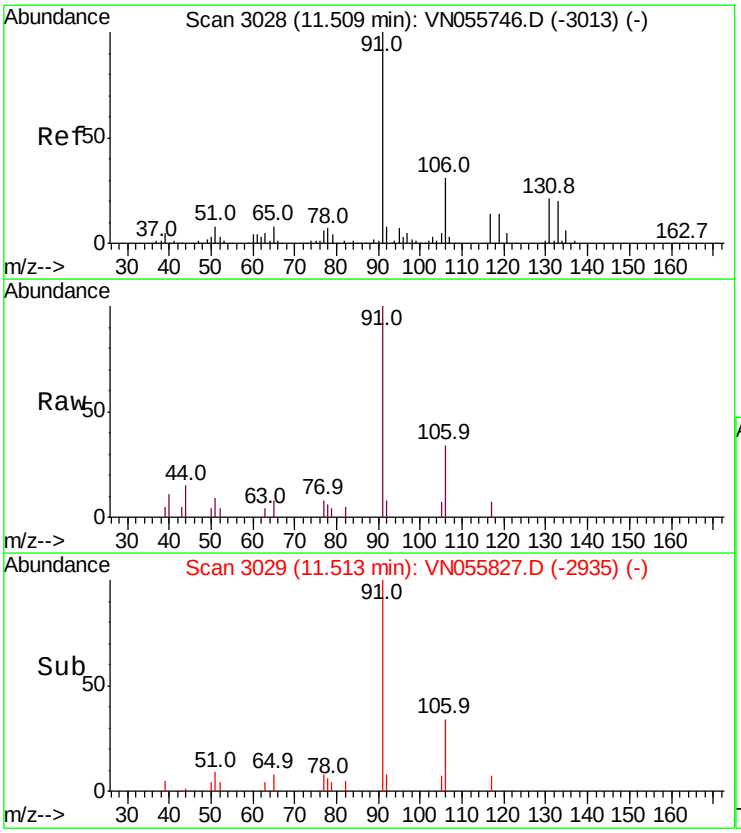
#64
Tetrachloroethene
Concen: 276.977 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument : MSVOA_N
ClientSampleId : MW6-R1-1

Tgt Ion:164 Resp: 1283006

Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.0	154.6
129	86.9	70.6	105.8
131	85.0	68.6	102.8

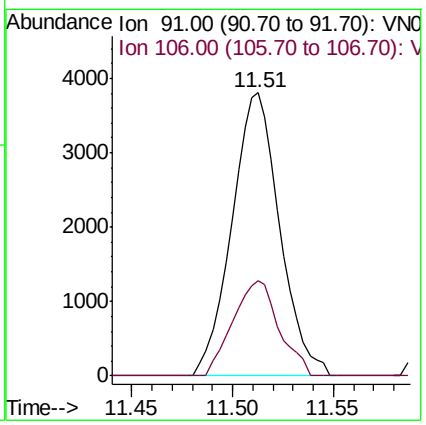


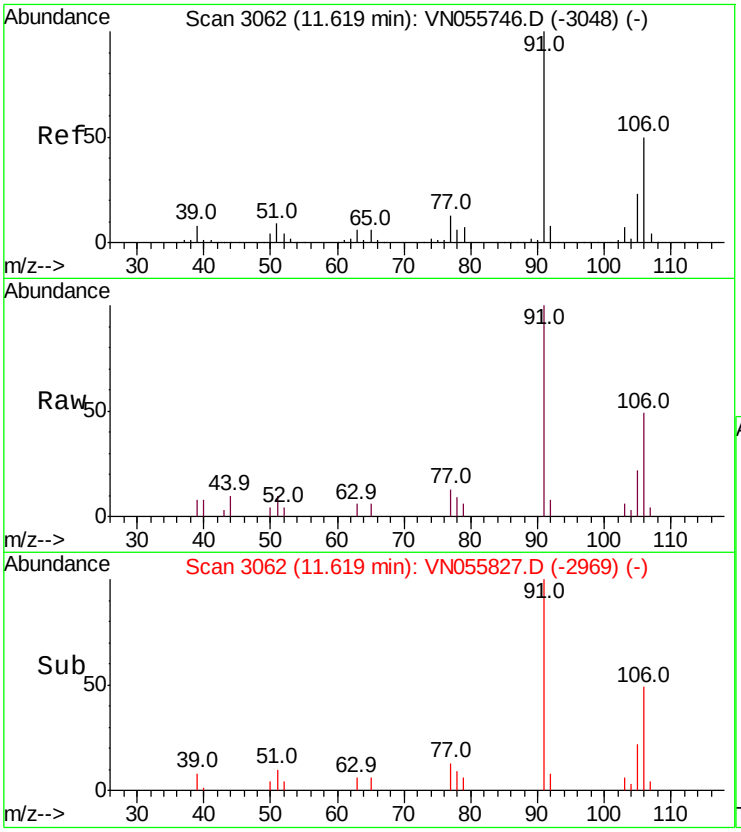


#67
Ethyl Benzene
Concen: 0.320 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion: 91 Resp: 6311

Ion	Ratio	Lower	Upper
91	100		
106	33.6	25.1	37.7



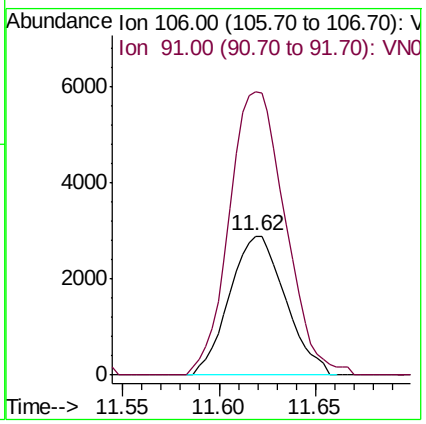


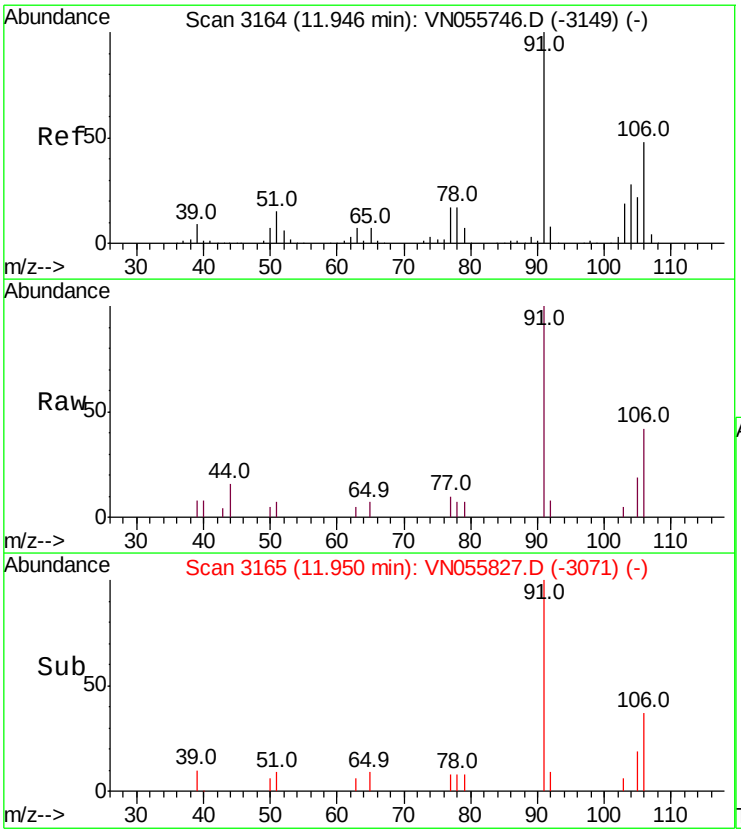
#68
m/p-Xylenes
Concen: 0.781 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument : MSVOA_N
ClientSampleId : MW6-R1-1

Tgt Ion:106 Resp: 5825

Ion	Ratio	Lower	Upper
106	100		
91	204.3	159.3	238.9

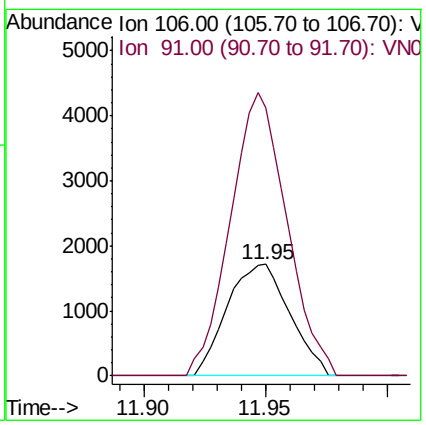


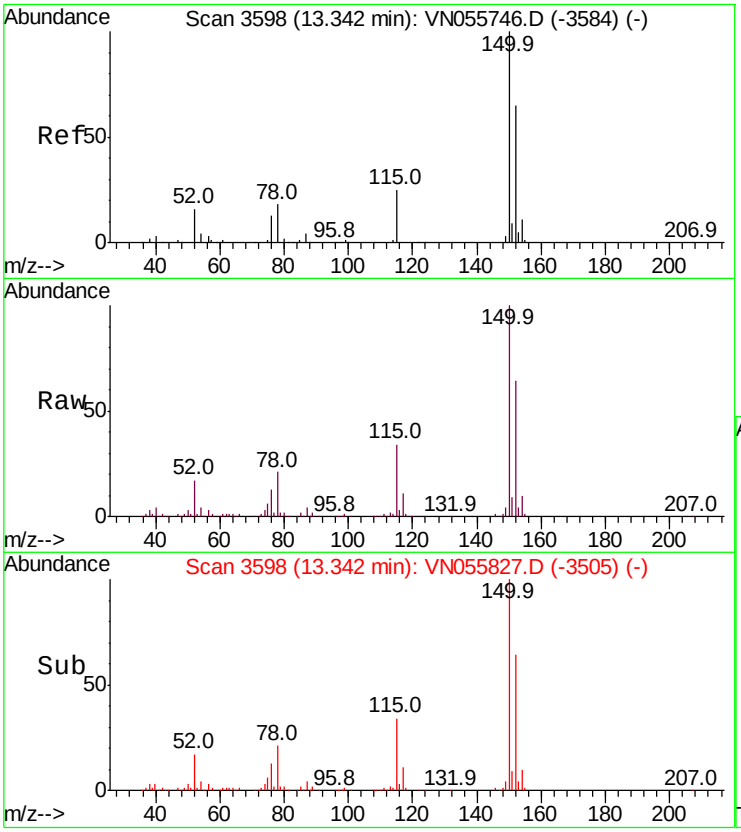


#69
o-Xylene
Concen: 0.415 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion:106 Resp: 3070

Ion	Ratio	Lower	Upper
106	100		
91	227.6	104.7	314.1



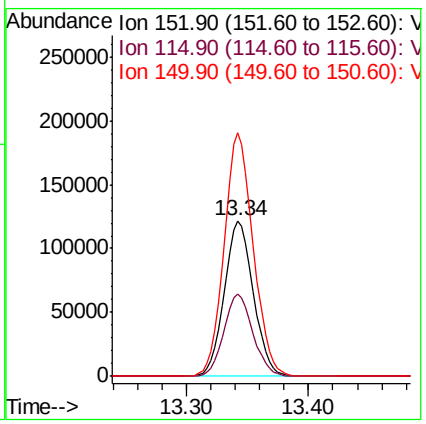


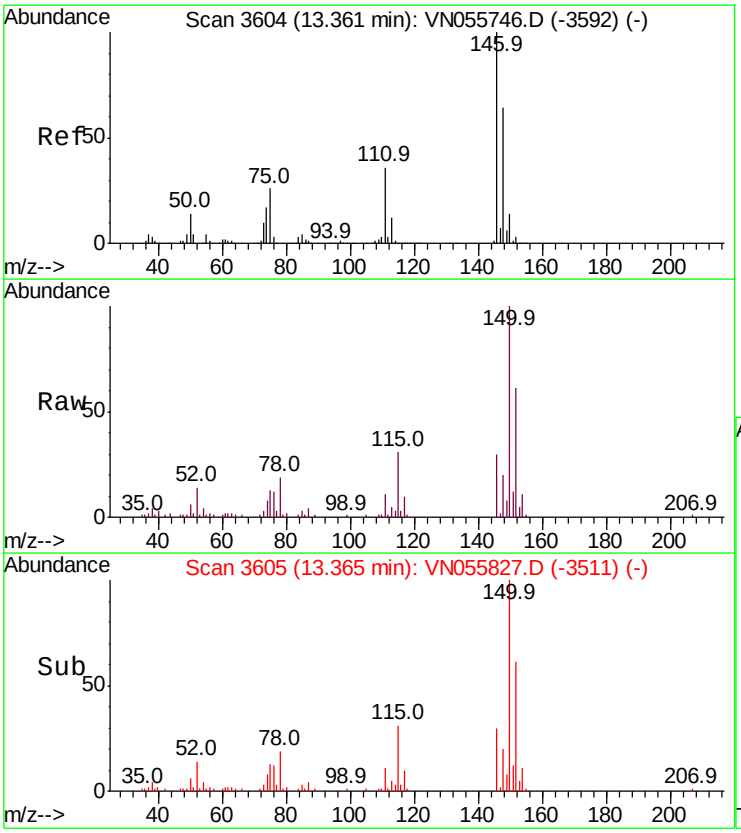
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-1

Tgt Ion:152 Resp: 202387

Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.0	81.0
150	156.9	0.0	343.2





#88
1,4-Dichlorobenzene
Concen: 2.526 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN055827.D
Acq: 25 May 2019 5:04

Tgt Ion:146 Resp: 16421

Ion	Ratio	Lower	Upper
146	100		
111	48.2	18.1	54.4
148	68.4	32.1	96.5