Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071219\

Quantitation Report (Not Reviewed)

Data File : VV011870.D
Acq On : 12 Jul 2019 17:04
Operator : SY/MD
Sample : K3772-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52X2

Quant Time: Jul 13 04:23:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:20:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	186081	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	177480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81115	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	55357	3.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.20%			
7) Chloroethane-d5	1.58	69	46140	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.40%			
11) 1,1-Dichloroethene-d2	2.13	63	78990	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	3.94	46	130392	44.43	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.86%			
24) Chloroform-d	4.40	84	101324	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.00%			
26) 1,2-Dichloroethane-d4	5.08	65	54457	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
32) Benzene-d6	5.10	84	210511	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.12	67	62899	4.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.40%			
41) Toluene-d8	7.36	98	177755	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
43) trans-1,3-Dichloropropene-	7.66	79	20076	3.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.80%			
46) 2-Hexanone-d5	8.13	63	86362	39.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32539	3.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 69.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	66149	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			

Target Compounds						Qvalue
13) Acetone	2.19	43	147039	81.715	ug/L	98
15) Methyl Acetate	2.19	43	139554	32.624	ug/L #	54
16) Methylene chloride	2.54	84	1331	0.126	ug/L	97
21) 2-Butanone	4.03	43	80247	24.584	ug/L	100
25) Chloroform	4.42	83	2917	0.106	ug/L	87
35) Methylcyclohexane	6.11	83	15733	0.680	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7844	0.567	ug/L #	85
40) 4-Methyl-2-pentanone	7.28	43	13112	1.595	ug/L #	85
63) 1,4-Dichlorobenzene	11.32	146	3091	0.114	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	4264	0.172	ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.44	75	3090	2.028	ug/L #	3
67) 1,3,5-Trichlorobenzene	12.69	180	854	0.041	ug/L #	88
69) Naphthalene	13.55	128	28370	1.178	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	855	0.058	ug/L #	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071219\

Quantitation Report (Not Reviewed)

Data File : VV011870.D
Acq On : 12 Jul 2019 17:04
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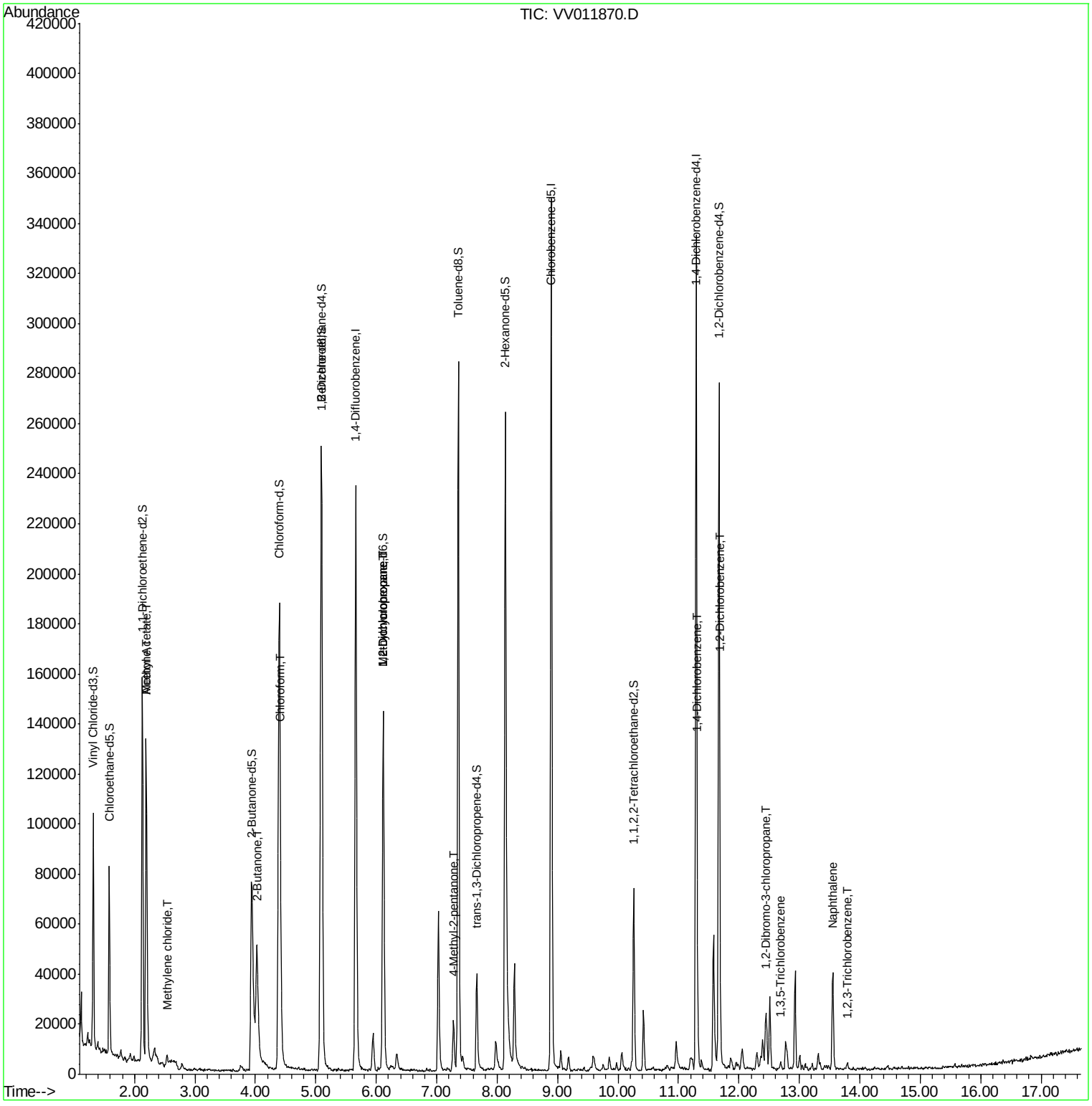
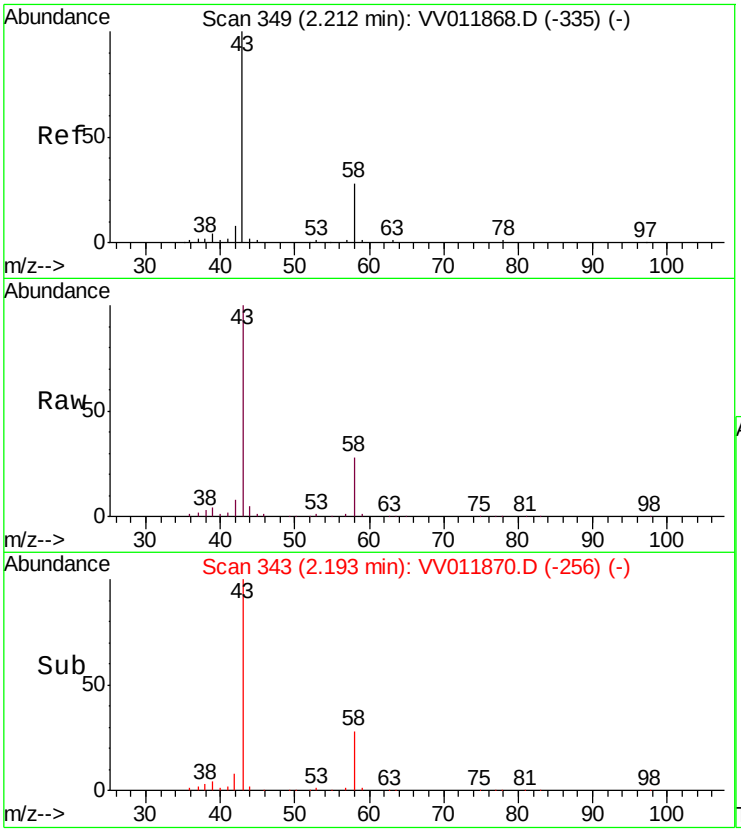
Instrument :
MSVOA_V
ClientSampleId :
A52X2

Quant Time: Jul 13 04:23:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 13 04:20:11 2019
Response via : Initial Calibration



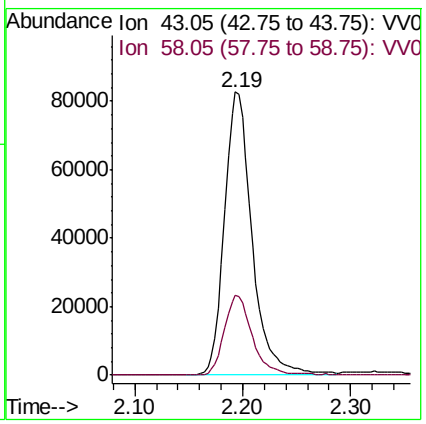


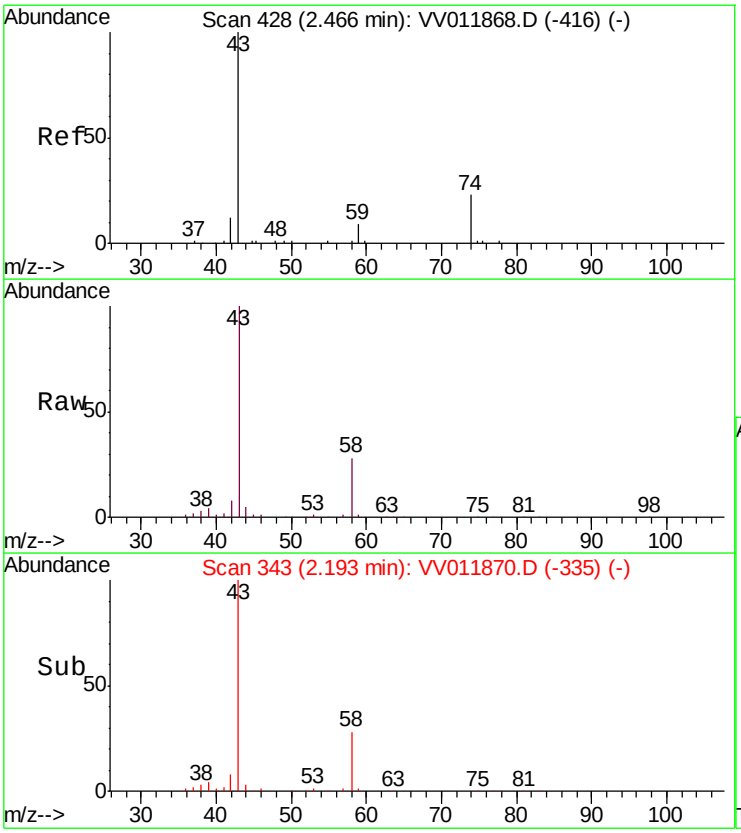
#13
Acetone
Concen: 81.715 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.02 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Tgt Ion: 43 Resp: 147039

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	58.4

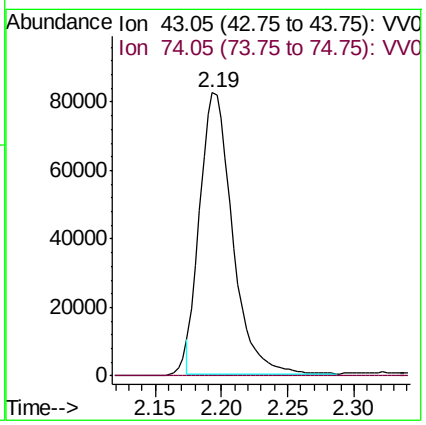


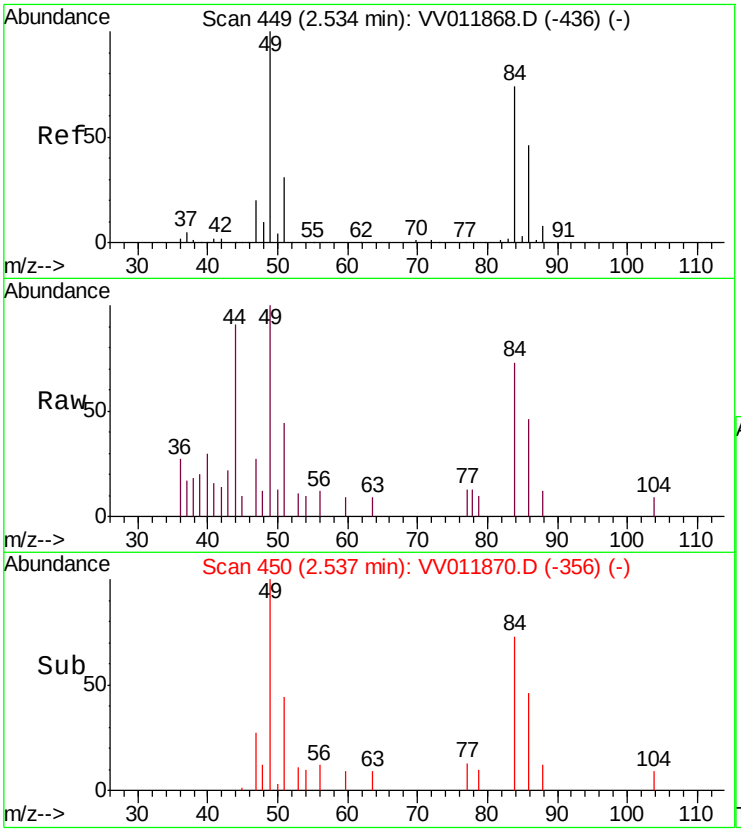


#15
Methyl Acetate
Concen: 32.624 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.27 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Tgt Ion: 43 Resp: 139554

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#



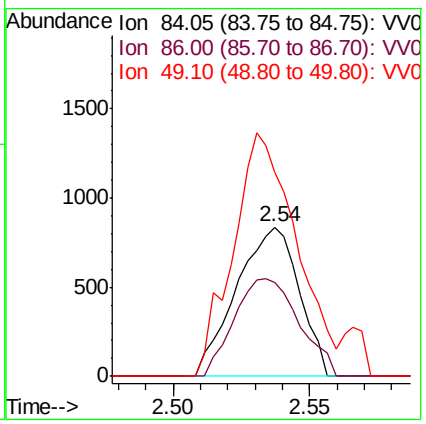


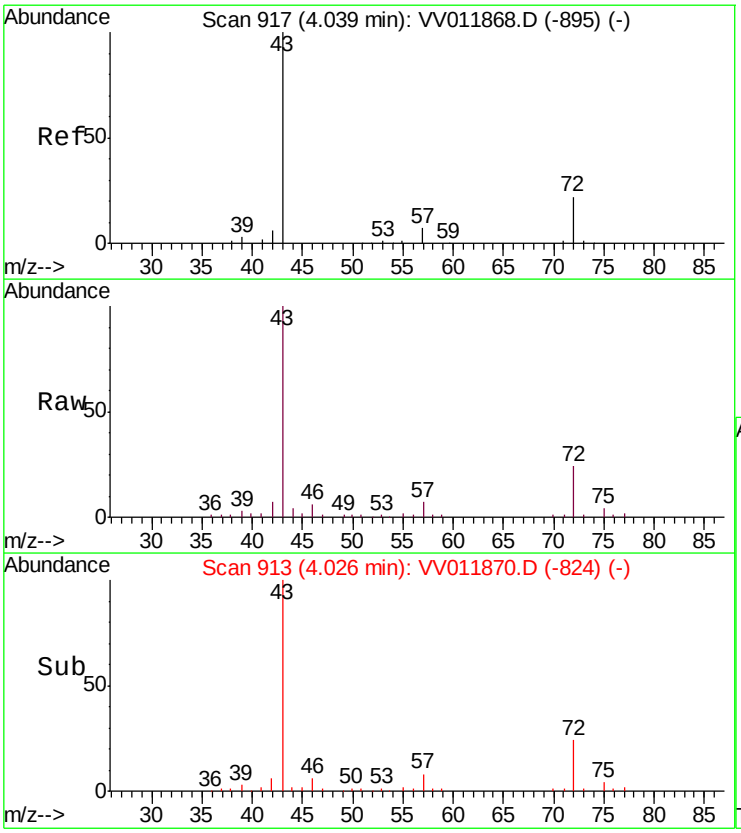
#16
Methylene chloride
Concen: 0.126 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Tgt Ion: 84 Resp: 1331

Ion	Ratio	Lower	Upper
84	100		
86	62.6	43.9	81.5
49	137.2	92.6	172.0

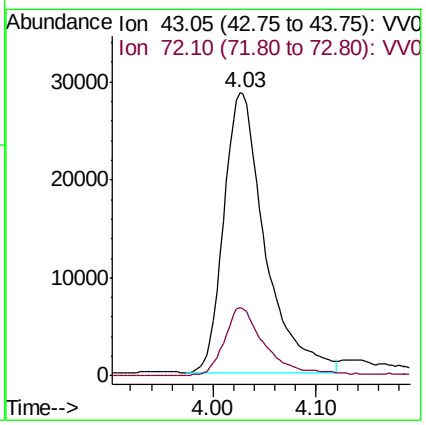


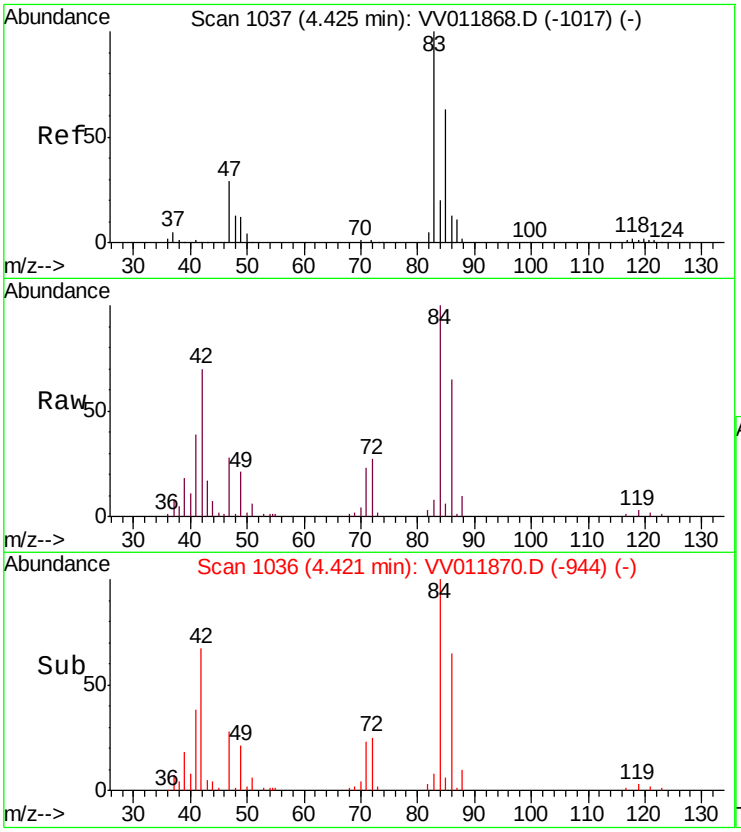


#21
2-Butanone
Concen: 24.584 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.01 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Tgt Ion: 43 Resp: 80247

Ion	Ratio	Lower	Upper
43	100		
72	24.4	12.2	36.4



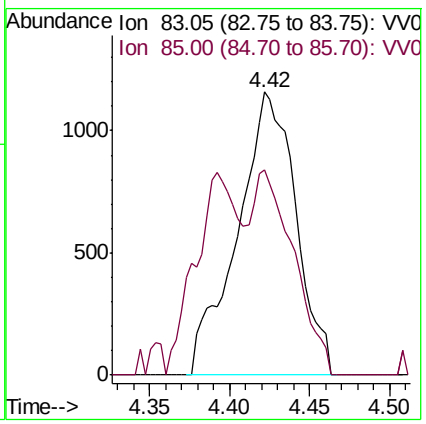


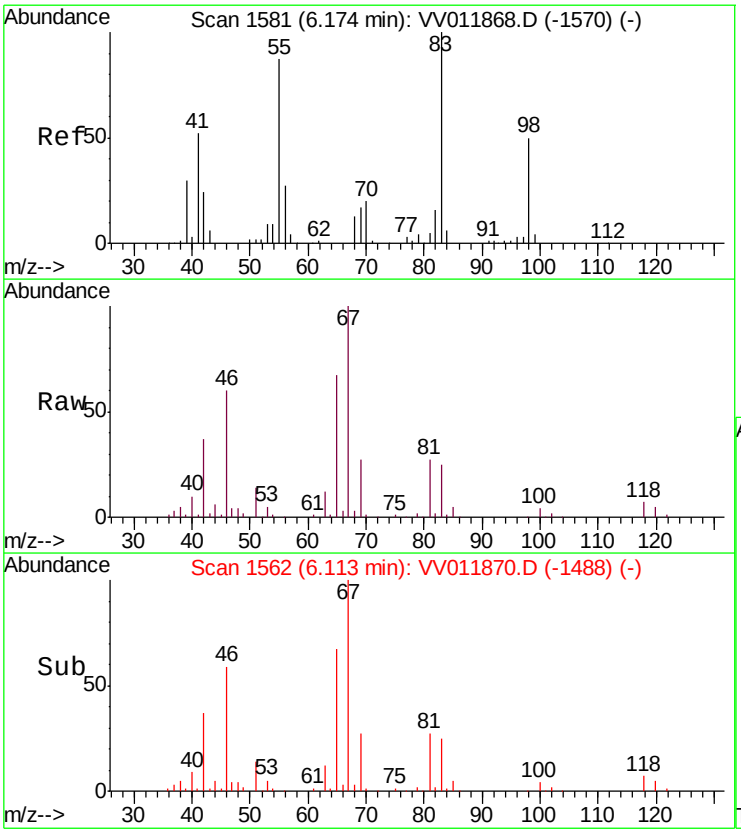
#25
Chloroform
Concen: 0.106 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Tgt Ion: 83 Resp: 2917

Ion	Ratio	Lower	Upper
83	100		
85	72.7	43.8	81.4

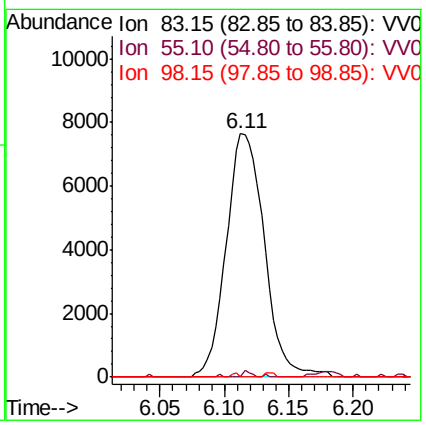


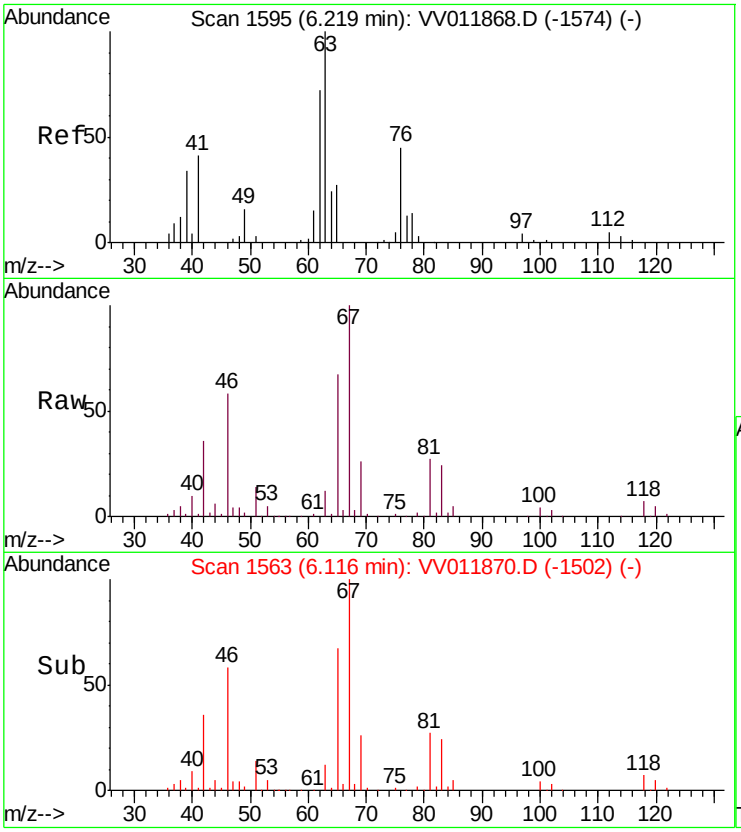


#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Tgt Ion: 83 Resp: 15733

Ion	Ratio	Lower	Upper
83	100		
55	0.6	63.6	95.4#
98	0.0	39.1	58.7#



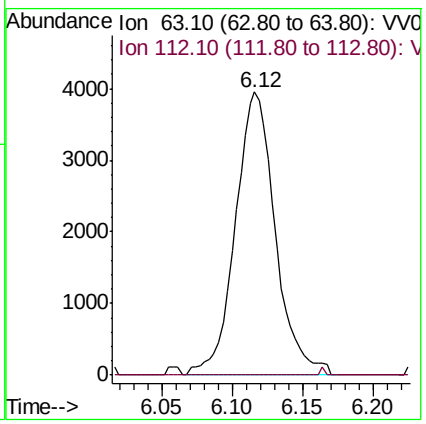


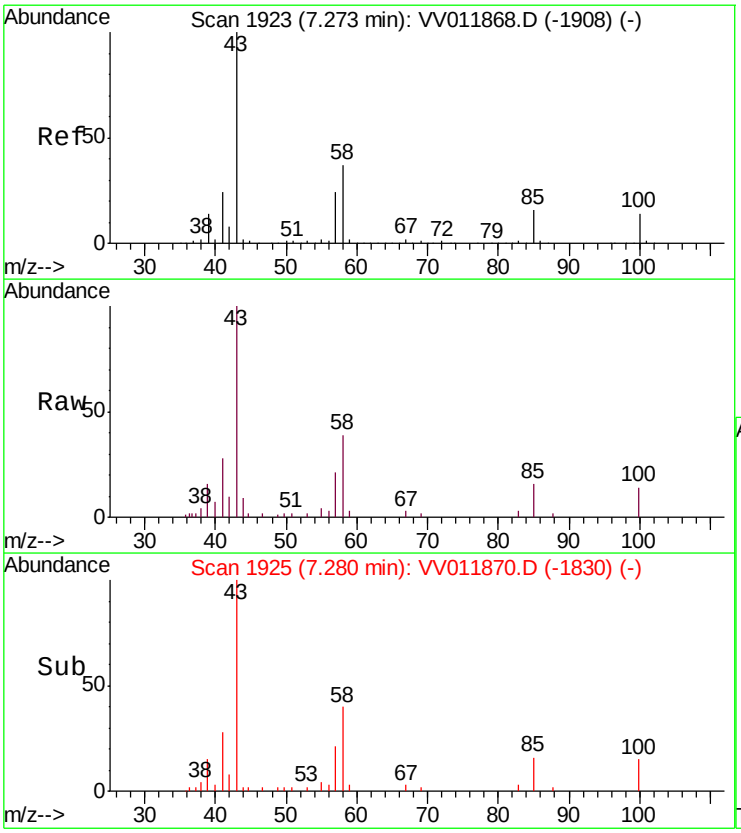
#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Tgt Ion: 63 Resp: 7844

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.2	6.2#

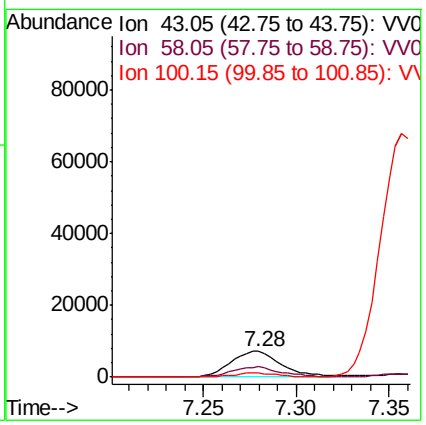


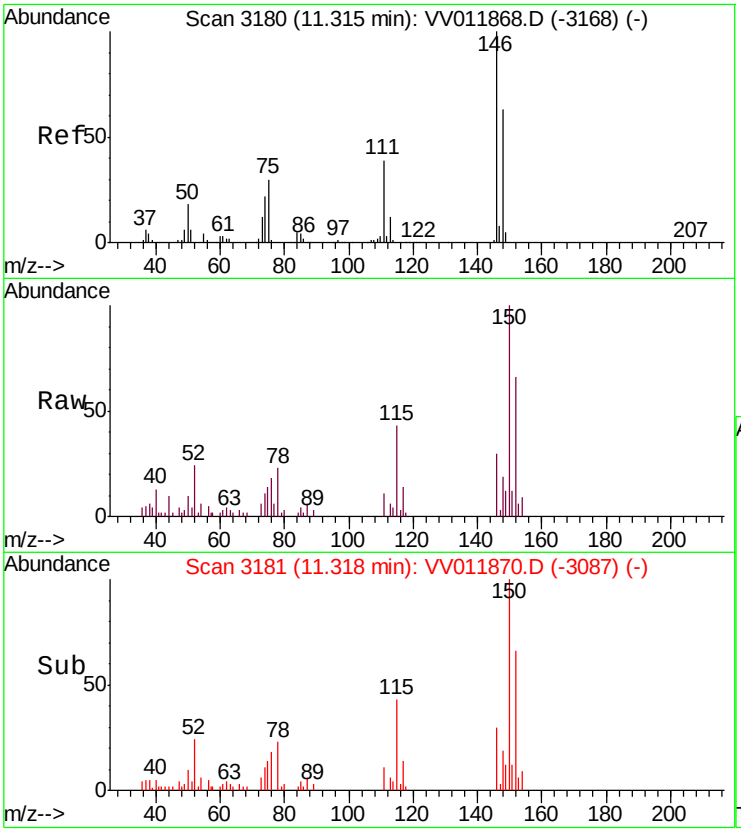


#40
4-Methyl-2-pentanone
Concen: 1.595 ug/L
RT: 7.28 min Scan# 1925
Delta R.T. 0.01 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Tgt Ion: 43 Resp: 13112

Ion	Ratio	Lower	Upper
43	100		
58	40.7	29.1	43.7
100	0.0	11.2	16.8#



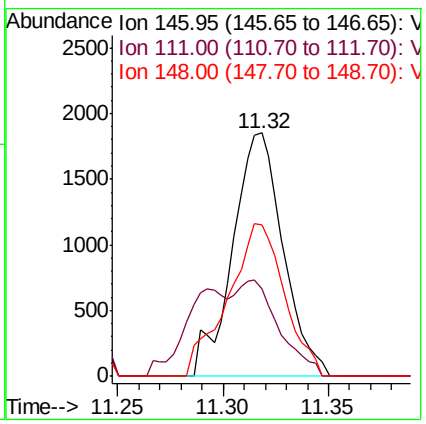


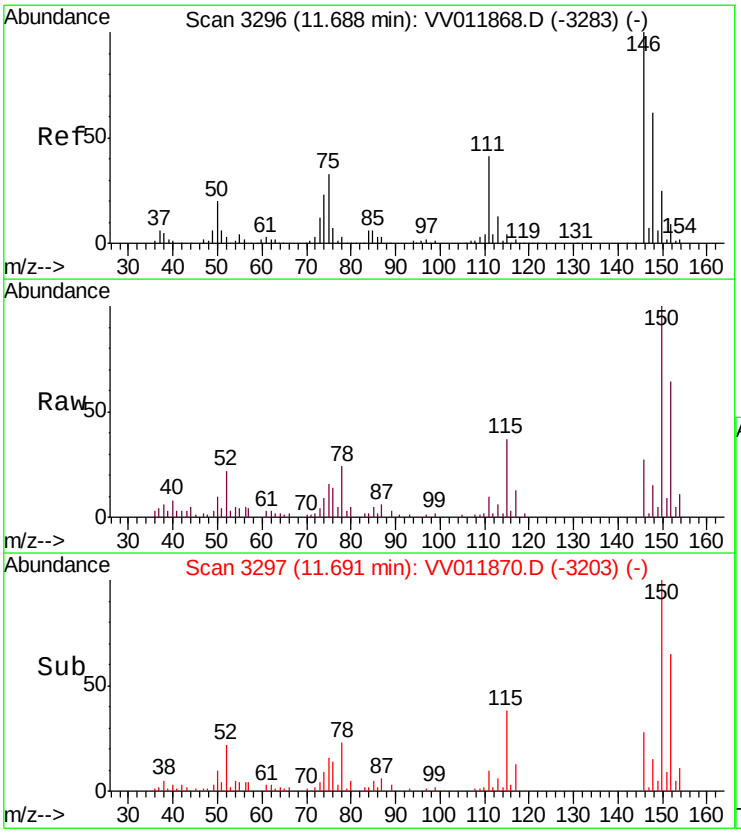
#63
1,4-Dichlorobenzene
Concen: 0.114 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Instrument : MSVOA_V
ClientSampleId : A52X2

Tgt Ion:146 Resp: 3091

Ion	Ratio	Lower	Upper
146	100		
111	35.8	26.6	49.4
148	62.3	46.0	85.4

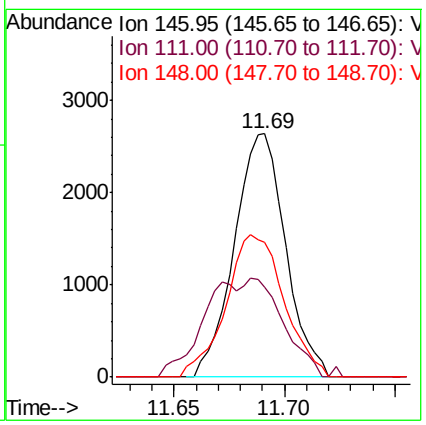


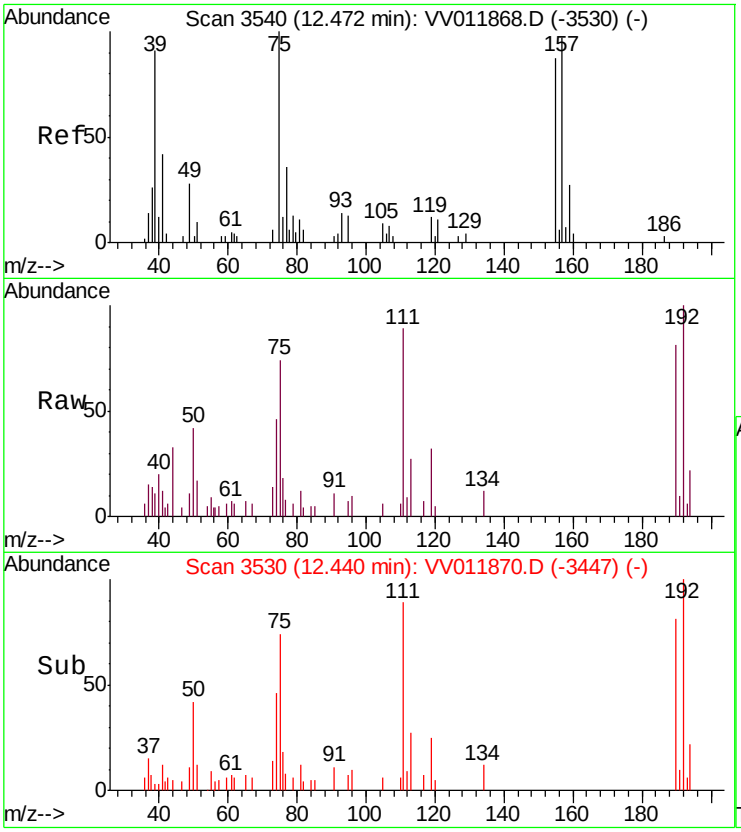


#65
1,2-Dichlorobenzene
Concen: 0.172 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Tgt Ion:146 Resp: 4264

Ion	Ratio	Lower	Upper
146	100		
111	37.1	34.7	52.1
148	55.2	51.4	77.0



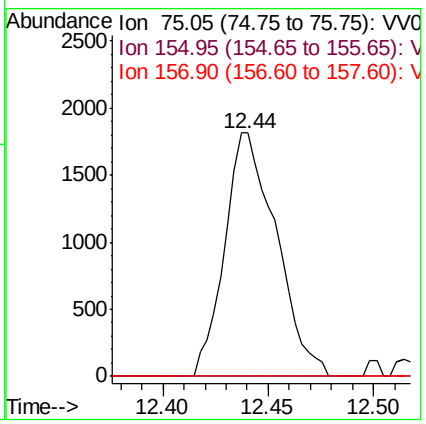


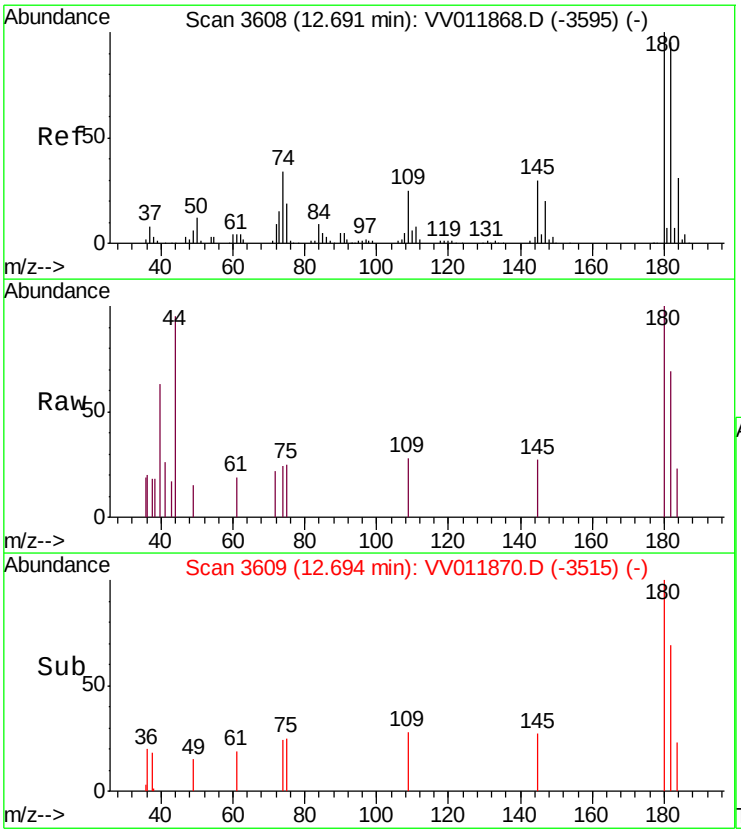
#66
1,2-Dibromo-3-chloropropane
Concen: 2.028 ug/L
RT: 12.44 min Scan# 3530
Delta R.T. -0.03 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Tgt Ion: 75 Resp: 3090

Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.7	103.1#
157	0.0	80.2	120.2#

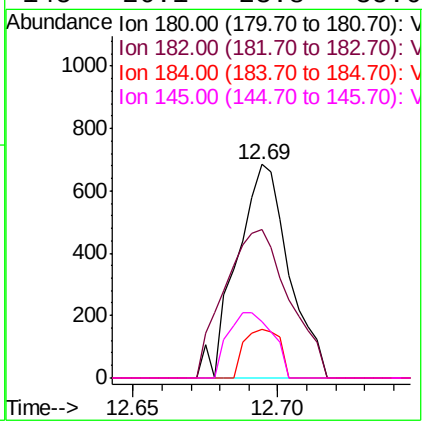


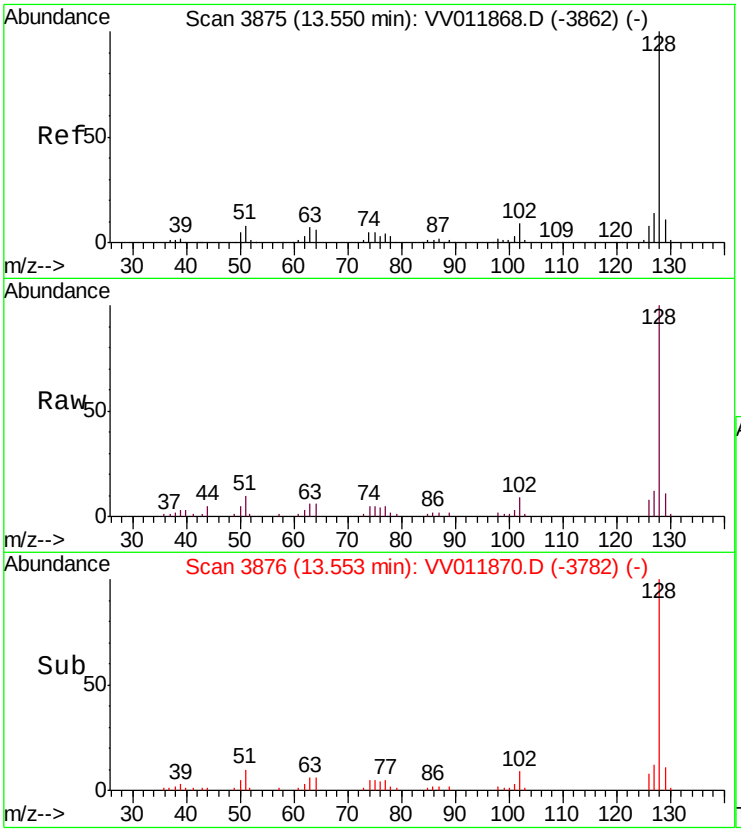


#67
1,3,5-Trichlorobenzene
Concen: 0.041 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Tgt Ion:180 Resp: 854

Ion	Ratio	Lower	Upper
180	100		
182	86.1	75.0	112.6
184	15.7	24.5	36.7#
145	26.1	23.8	35.6



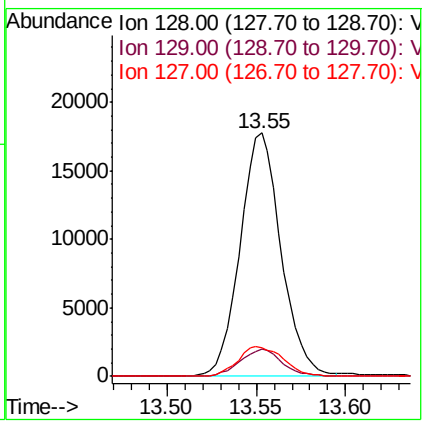


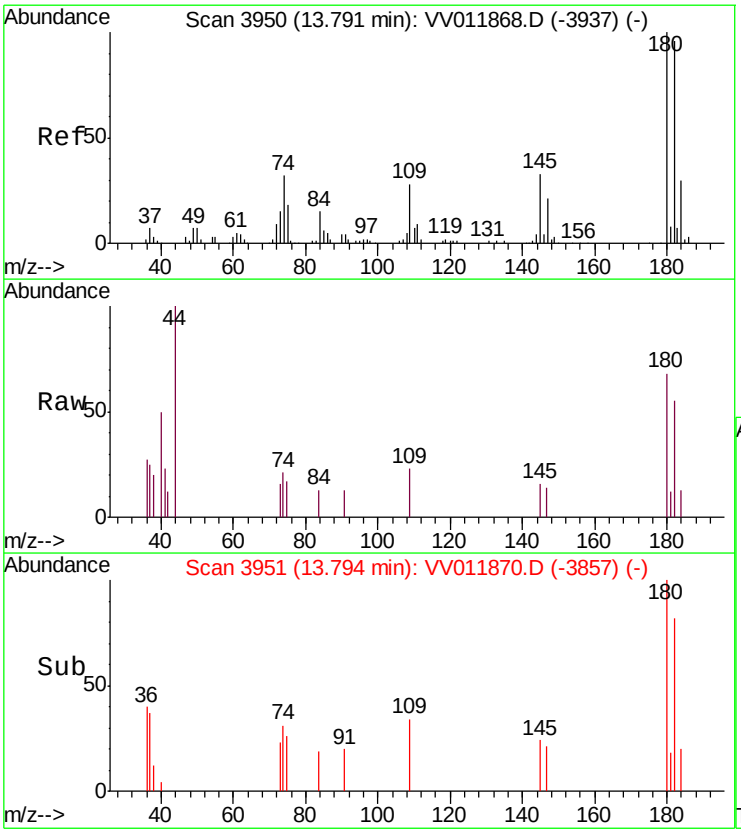
#69
Naphthalene
Concen: 1.178 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Instrument : MSVOA_V
ClientSampleId : A52X2

Tgt Ion:128 Resp: 28370

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.5	10.5	15.7





#70
1,2,3-Trichlorobenzene
Concen: 0.058 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV011870.D
Acq: 12 Jul 2019 17:04

Tgt Ion:180 Resp: 855

Ion	Ratio	Lower	Upper
180	100		
182	89.7	75.0	112.6
145	24.8	25.9	38.9#