Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\

Quantitation Report (Not Reviewed)

Data File : VU033324.D
Acq On : 18 Jul 2019 17:53
Operator : JC/SP
Sample : K3863-12
Misc : 5.24g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52F2

Quant Time: Jul 19 01:49:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	376232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	372080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	194134	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	123159	43.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.48%			
7) Chloroethane-d5	1.63	69	94462	38.82	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.64%			
11) 1,1-Dichloroethene-d2	2.30	63	246	0.05	ug/L	0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.10%#			
21) 2-Butanone-d5	4.16	46	196559	108.92	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.92%			
24) Chloroform-d	4.62	84	227388	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.28%			
26) 1,2-Dichloroethane-d4	5.28	65	150889	49.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.58%			
32) Benzene-d6	5.31	84	482075	52.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.62%			
36) 1,2-Dichloropropane-d6	6.31	67	151644	51.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.72%			
41) Toluene-d8	7.54	98	442035	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.70%			
43) trans-1,3-Dichloropropene-	7.83	79	75642	52.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.52%			
47) 2-Hexanone-d5	8.31	63	155988	118.34	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.34%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	241408	54.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.10%			
64) 1,2-Dichlorobenzene-d4	11.85	152	190881	55.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.26%			

Target Compounds						Qvalue
6) Bromomethane	1.59	94	1639	0.619	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2040	0.795	ug/L #	22
12) 1,1-Dichloroethene	2.22	96	2107	0.839	ug/L #	1
13) Acetone	2.32	43	1779	0.789	ug/L	80
15) Methyl Acetate	2.61	43	4652	1.580	ug/L #	87
40) 4-Methyl-2-pentanone	7.47	43	2788	0.706	ug/L #	56
44) trans-1,3-Dichloropropene	7.84	75	4151	1.020	ug/L	99
48) 2-Hexanone	8.37	43	4394	1.366	ug/L #	84
59) 1,2,3-Trichloropropane	11.47	75	23300	6.082	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	3052	0.707	ug/L #	91
68) 1,2,4-trichlorobenzene	13.50	180	2766	0.733	ug/L #	76
69) Naphthalene	13.74	128	13604	1.125	ug/L	96
70) 1,2,3-Trichlorobenzene	13.98	180	3234	0.790	ug/L #	73

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\

Quantitation Report (Not Reviewed)

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Sample : K3863-12
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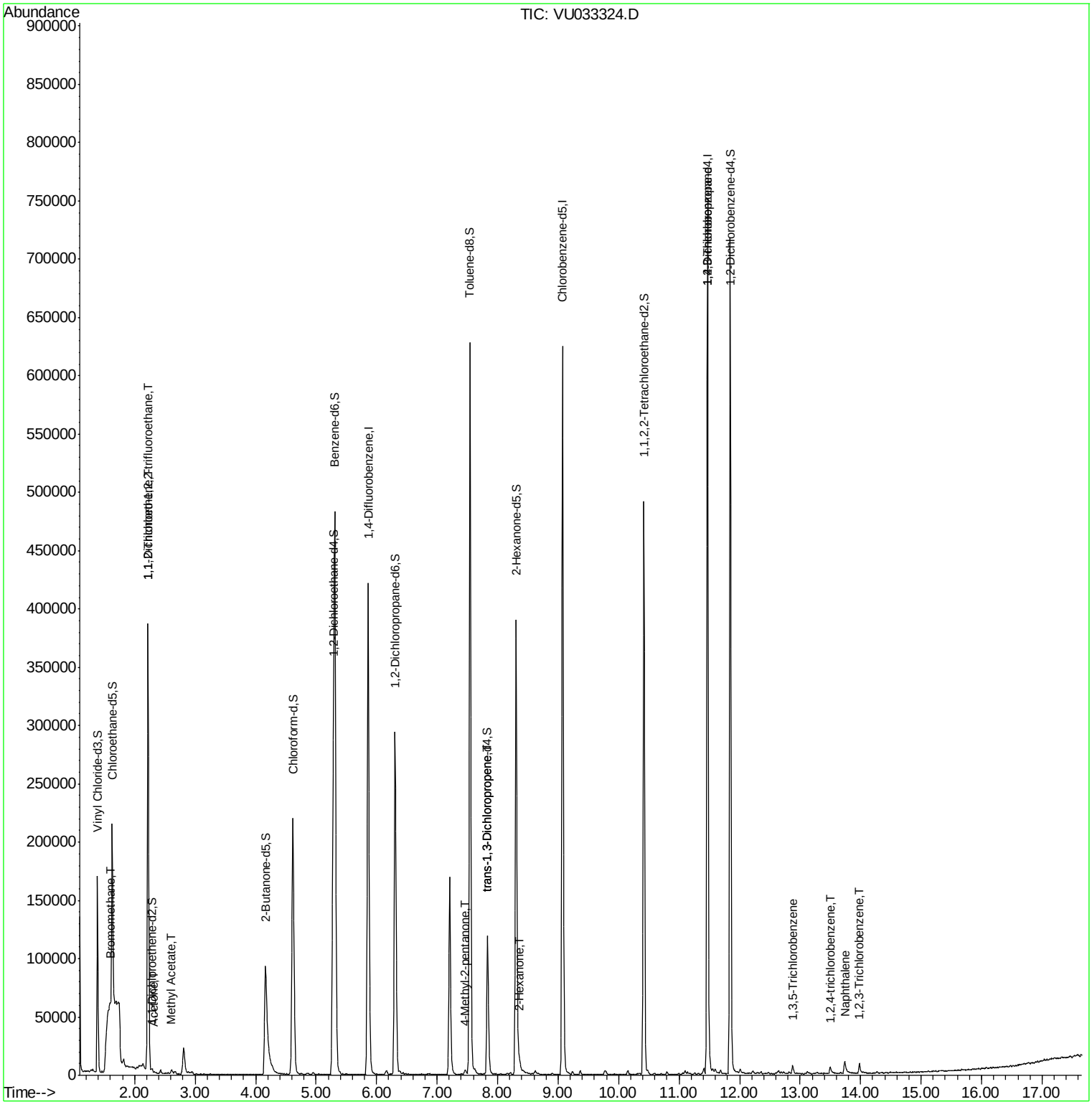
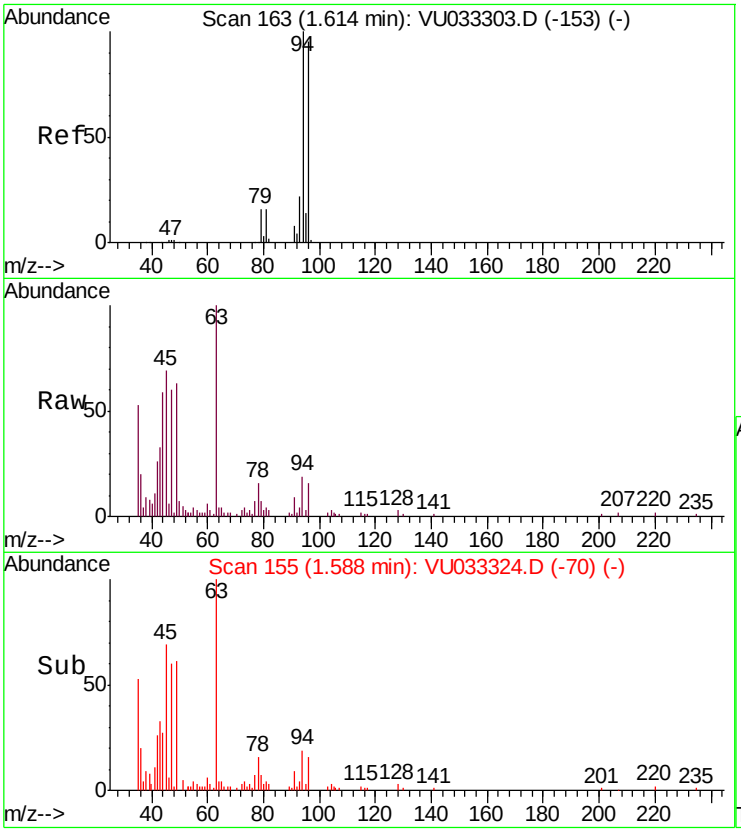
Instrument : MSVOA_U
ClientSampleId : A52F2

Quant Time: Jul 19 01:49:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration



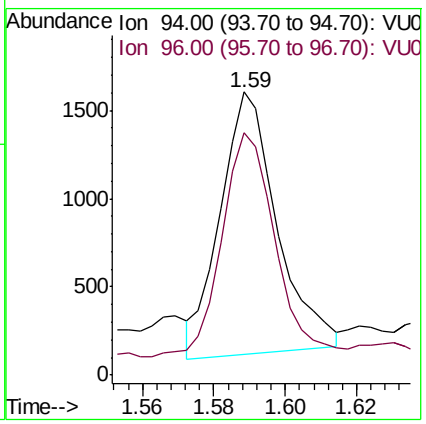


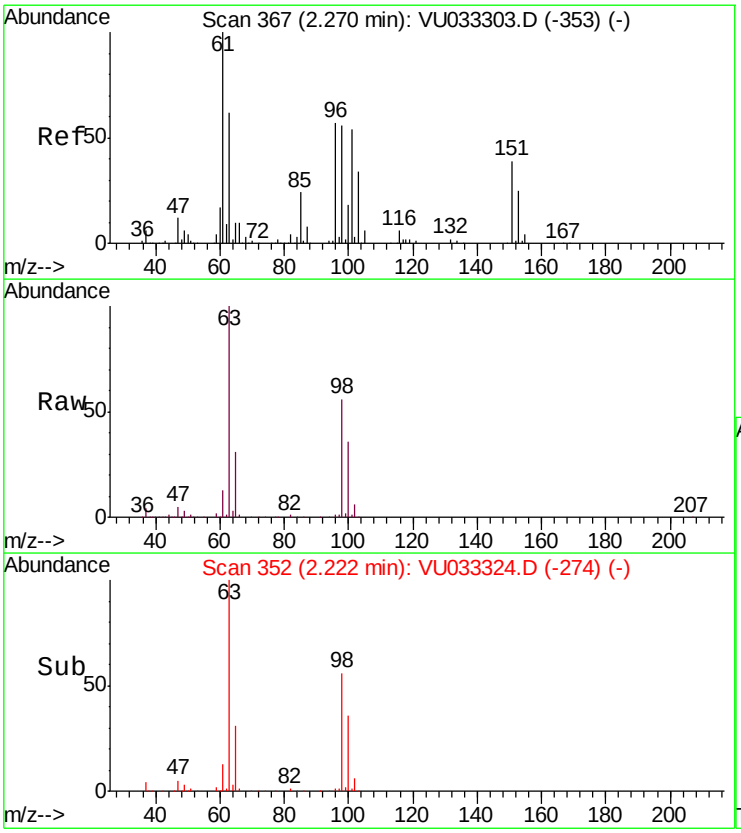
#6
Bromomethane
Concen: 0.619 ug/L
RT: 1.59 min Scan# 155
Delta R.T. -0.03 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
A52F2

Tgt Ion: 94 Resp: 1639

Ion	Ratio	Lower	Upper
94	100		
96	85.8	66.1	122.7

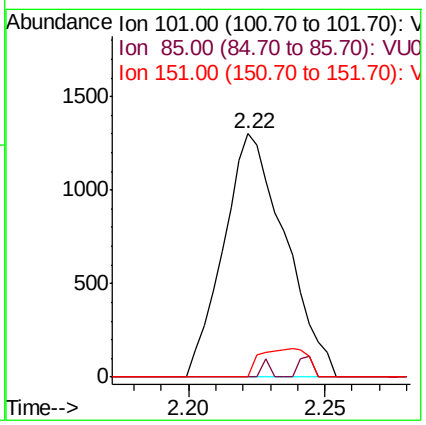


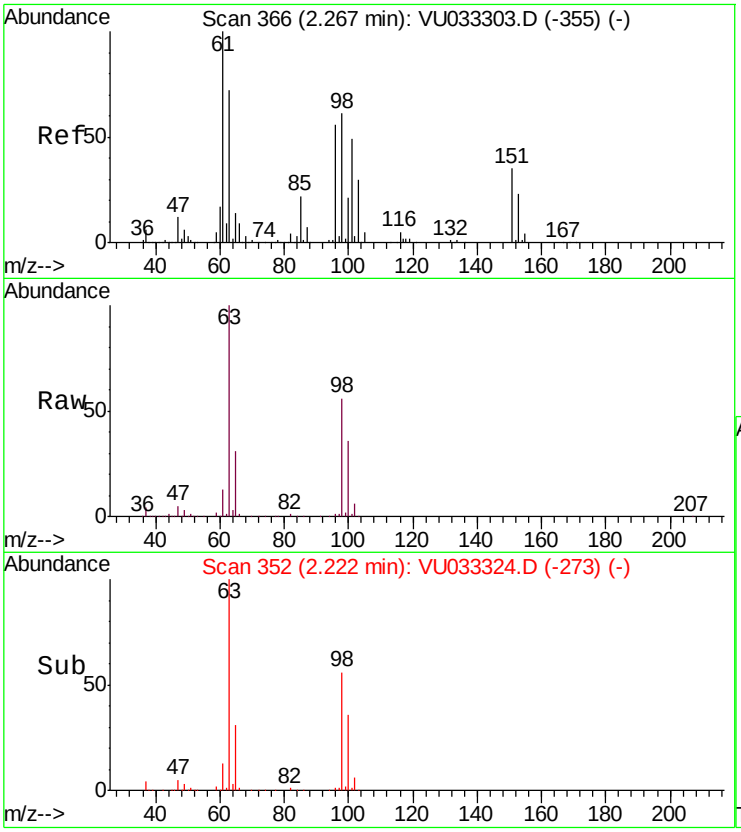


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.795 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.05 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Tgt Ion:101 Resp: 2040

Ion	Ratio	Lower	Upper
101	100		
85	2.0	35.8	53.8#
151	0.0	56.7	85.1#



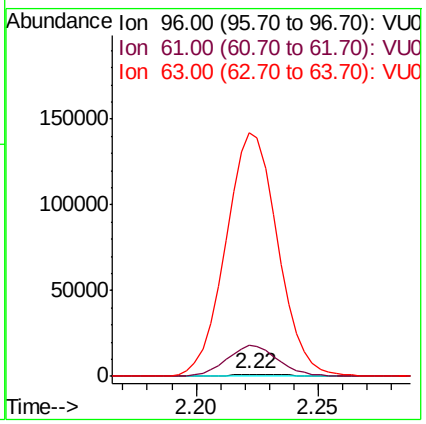


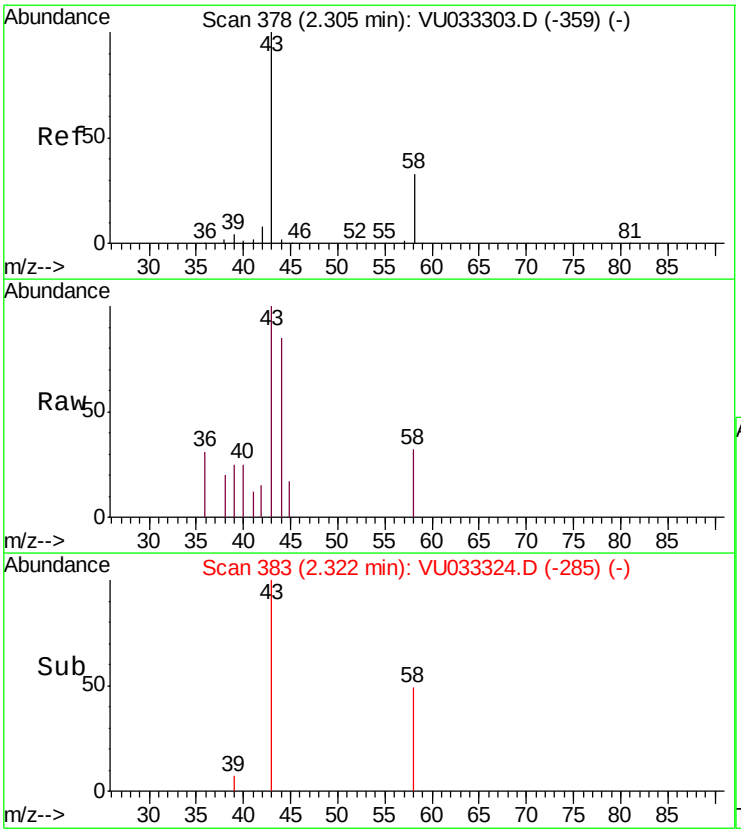
#12
1,1-Dichloroethene
Concen: 0.839 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.04 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Instrument : MSVOA_U
ClientSampleId : A52F2

Tgt Ion: 96 Resp: 2107

Ion	Ratio	Lower	Upper
96	100		
61	1451.5	126.1	234.1#
63	11564.8	96.8	179.8#

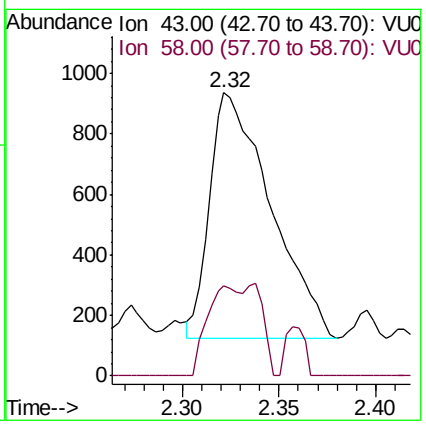


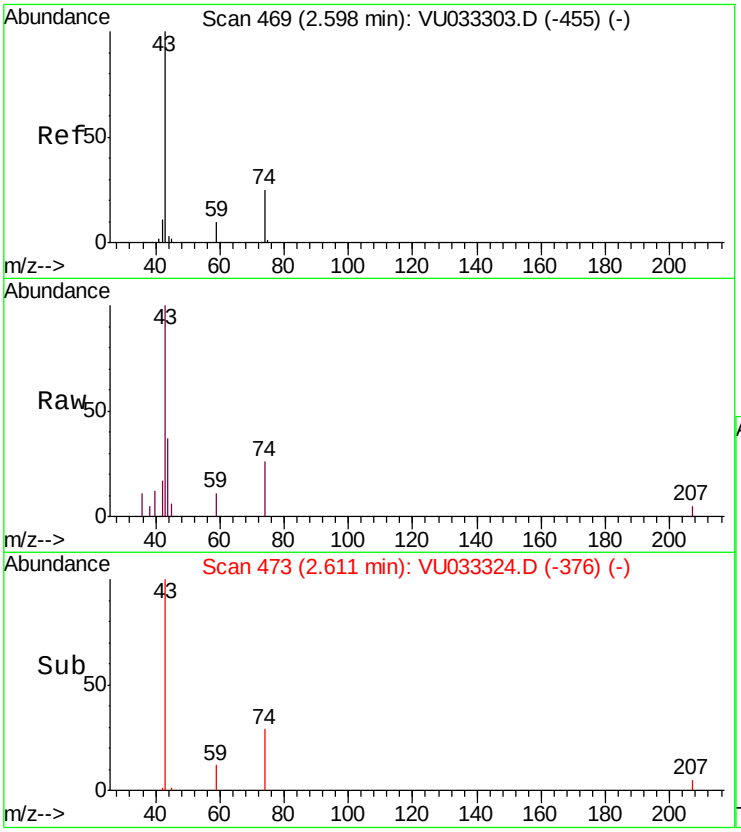


#13
Acetone
Concen: 0.789 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.02 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Tgt Ion: 43 Resp: 1779

Ion	Ratio	Lower	Upper
43	100		
58	21.2	0.0	65.4



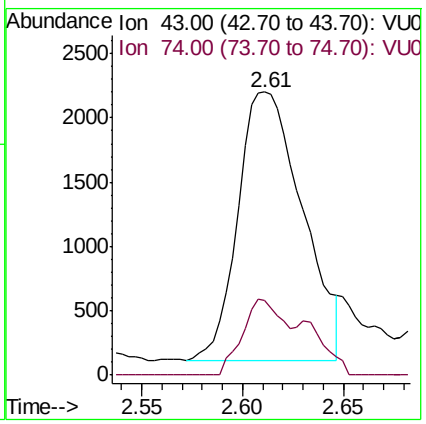


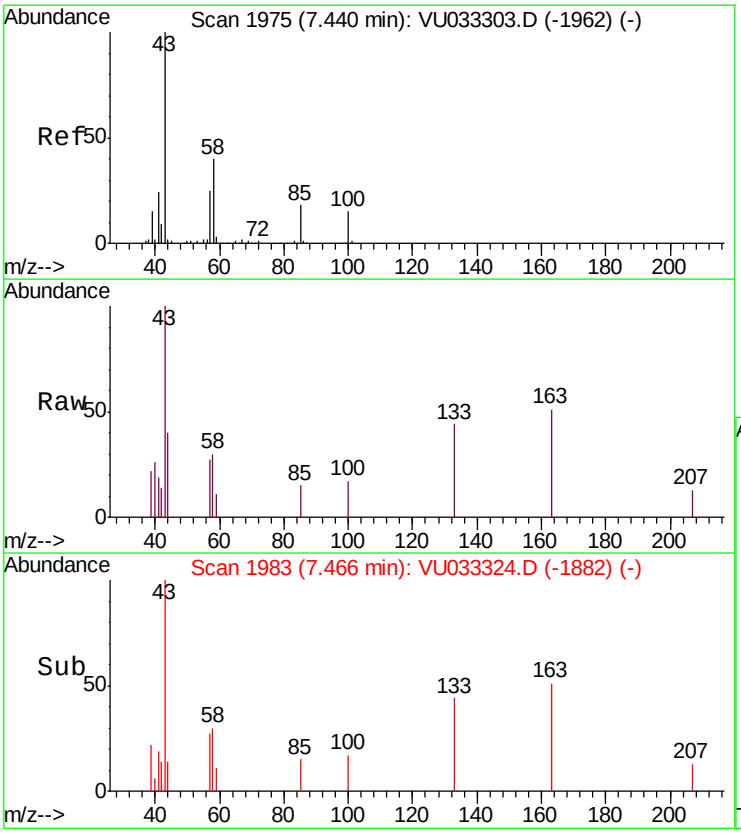
#15
Methyl Acetate
Concen: 1.580 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Instrument : MSVOA_U
ClientSampleId : A52F2

Tgt Ion: 43 Resp: 4652

Ion	Ratio	Lower	Upper
43	100		
74	18.2	19.9	29.9#

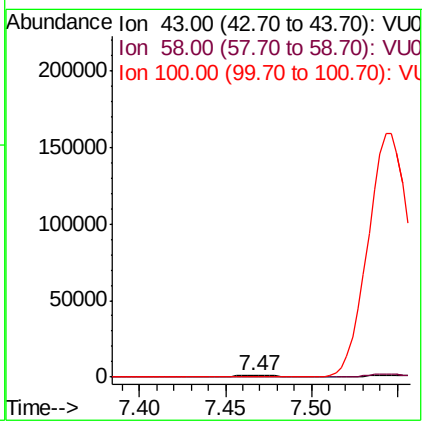


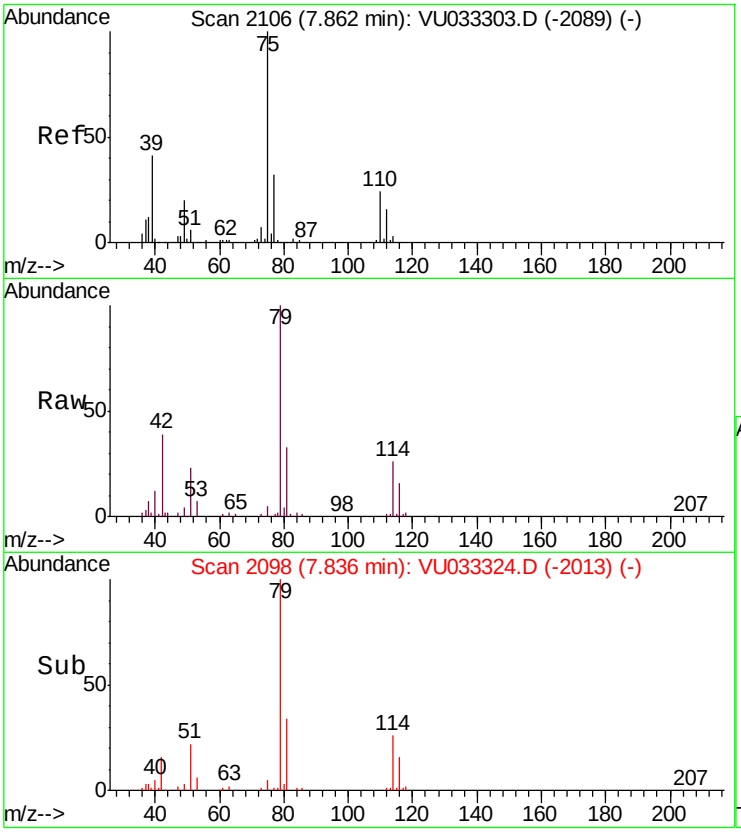


#40
4-Methyl-2-pentanone
Concen: 0.706 ug/L
RT: 7.47 min Scan# 1983
Delta R.T. 0.03 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Tgt Ion: 43 Resp: 2788

Ion	Ratio	Lower	Upper
43	100		
58	8.9	33.3	49.9#
100	5.2	12.1	18.1#



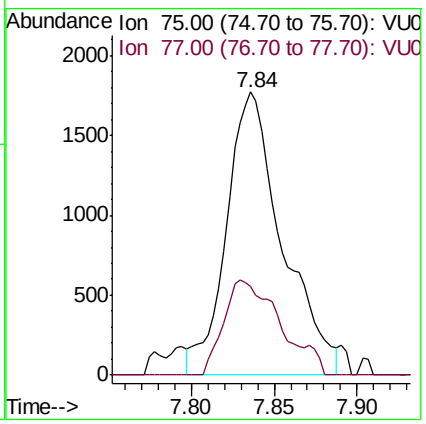


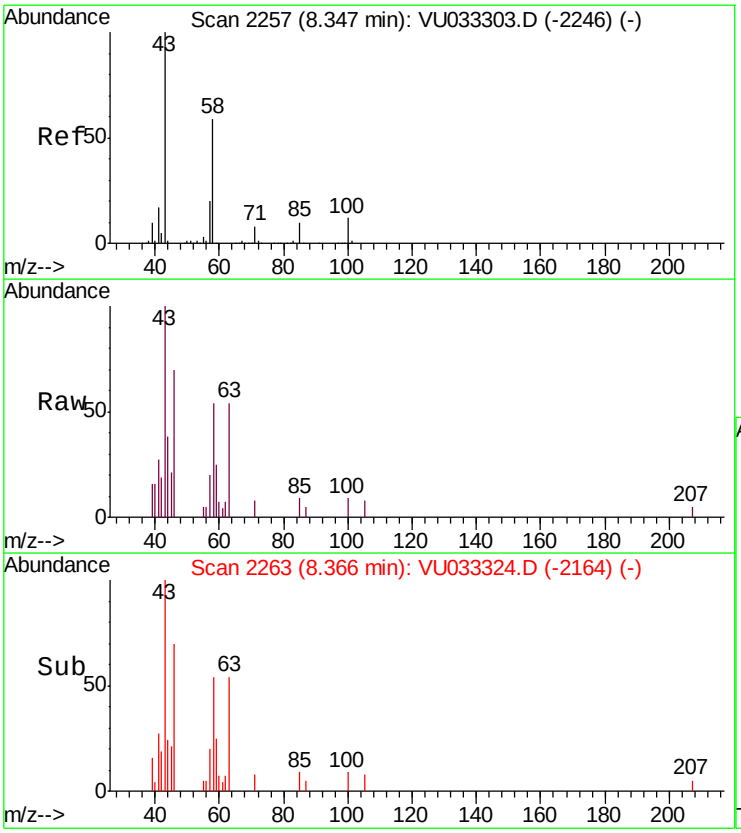
#44
trans-1,3-Dichloropropene
Concen: 1.020 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
A52F2

Tgt Ion: 75 Resp: 4151

Ion	Ratio	Lower	Upper
75	100		
77	31.2	22.4	41.6

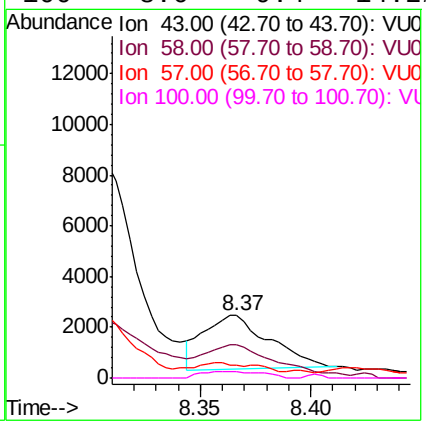


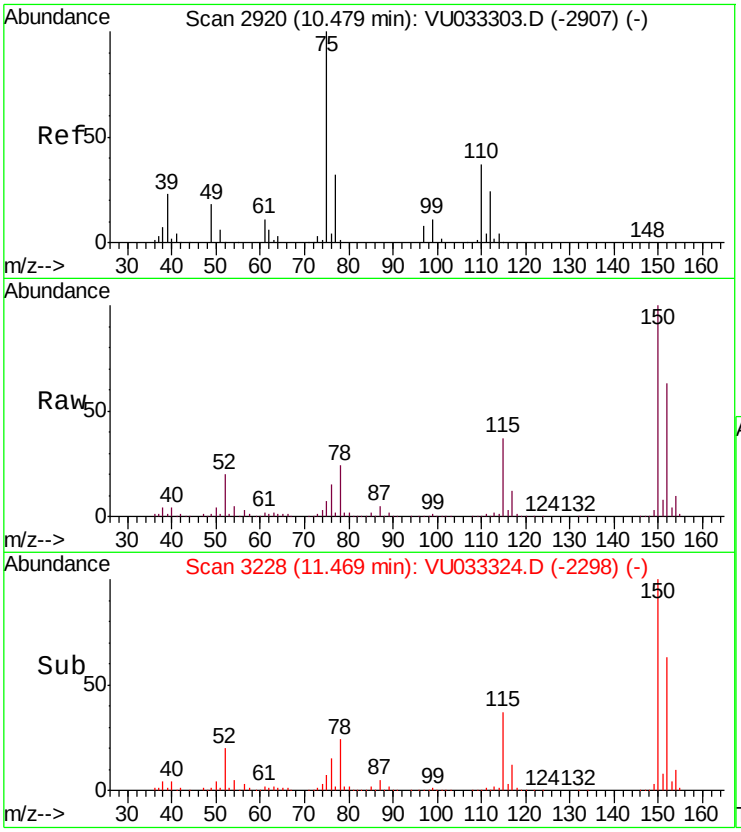


#48
2-Hexanone
Concen: 1.366 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.02 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Tgt Ion: 43 Resp: 4394

Ion	Ratio	Lower	Upper
43	100		
58	67.2	46.1	69.1
57	5.3	15.8	23.8#
100	8.6	9.4	14.2#



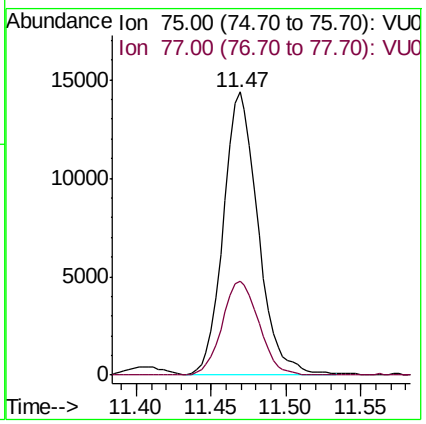


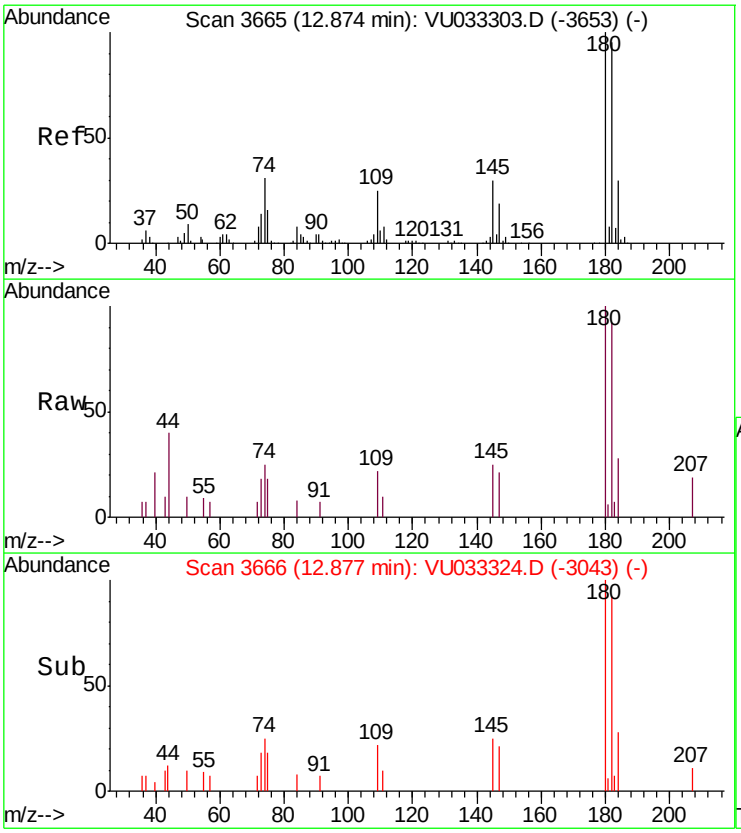
#59
1,2,3-Trichloropropane
Concen: 6.082 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
A52F2

Tgt Ion: 75 Resp: 23300

Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.0	39.0

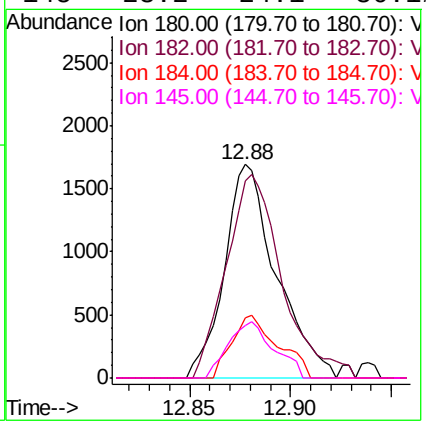


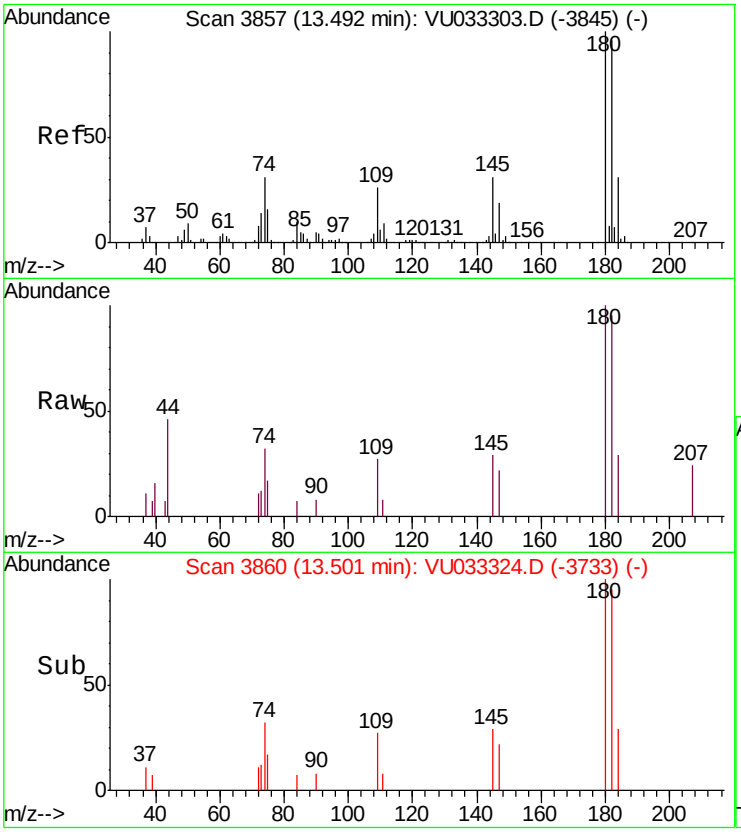


#67
1,3,5-Trichlorobenzene
Concen: 0.707 ug/L
RT: 12.88 min Scan# 3666
Delta R.T. 0.00 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Tgt Ion:180 Resp: 3052

Ion	Ratio	Lower	Upper
180	100		
182	102.3	75.5	113.3
184	26.0	24.2	36.2
145	23.2	24.1	36.1#



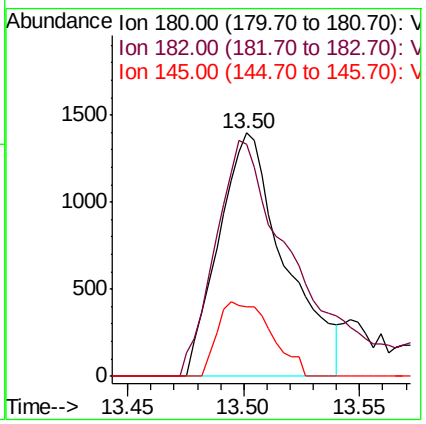


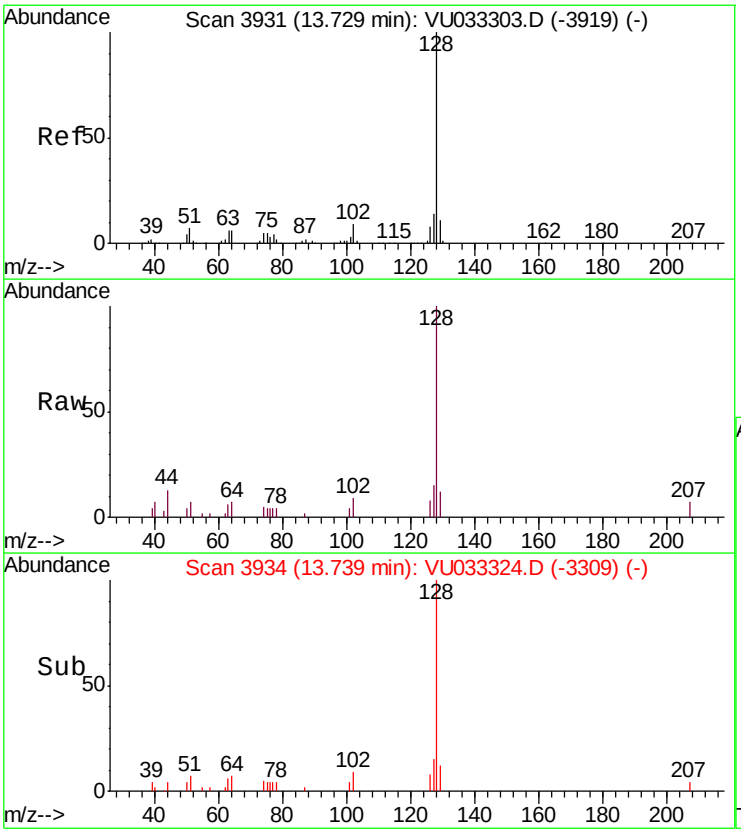
#68
1,2,4-trichlorobenzene
Concen: 0.733 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.01 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
A52F2

Tgt Ion:180 Resp: 2766

Ion	Ratio	Lower	Upper
180	100		
182	117.4	76.5	114.7#
145	13.9	24.6	36.8#

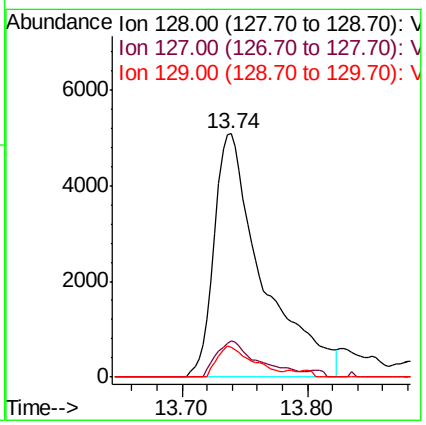


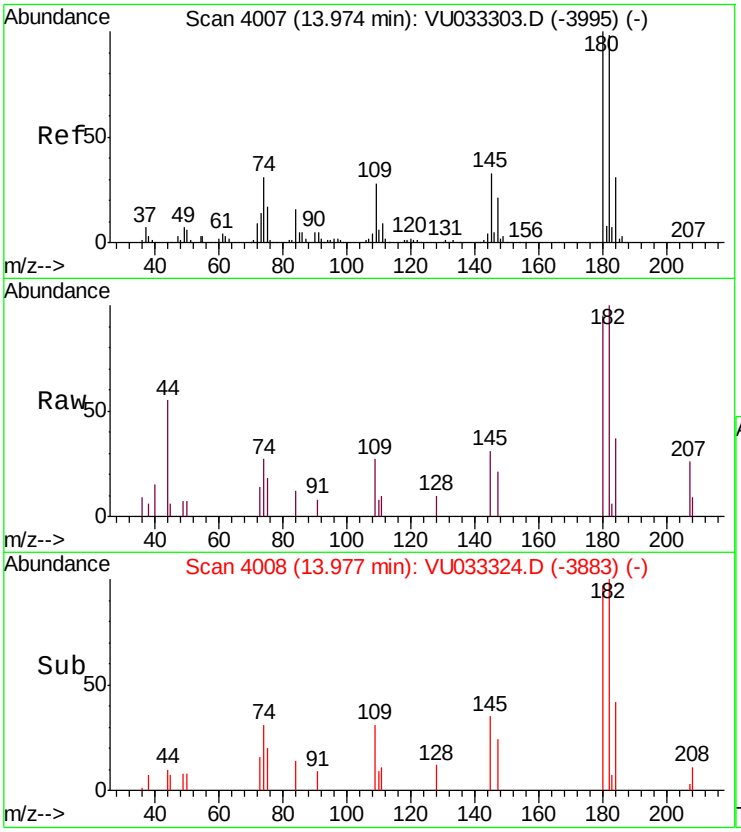


#69
Naphthalene
Concen: 1.125 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Tgt Ion:128 Resp: 13604

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.8	16.2
129	9.3	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 0.790 ug/L
RT: 13.98 min Scan# 4008
Delta R.T. 0.00 min
Lab File: VU033324.D
Acq: 18 Jul 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
A52F2

Tgt Ion:180 Resp: 3234

Ion	Ratio	Lower	Upper
180	100		
182	113.0	77.4	116.2
145	0.0	26.2	39.2#