Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\

Quantitation Report (Not Reviewed)

Data File : VU033122.D
Acq On : 01 Jul 2019 18:10
Operator : JC/SP
Sample : K3599-09
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM18

Quant Time: Jul 02 04:22:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	222186	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107695	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	54094	35.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.24%			
7) Chloroethane-d5	1.70	69	77	0.06	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.12%#			
11) 1,1-Dichloroethene-d2	2.22	63	94929	31.03	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.06%			
21) 2-Butanone-d5	4.19	46	144985	114.72	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.72%			
24) Chloroform-d	4.63	84	139019	47.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.18%			
26) 1,2-Dichloroethane-d4	5.30	65	101200	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.94%			
32) Benzene-d6	5.32	84	262285	45.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.50%			
36) 1,2-Dichloropropane-d6	6.32	67	88487	48.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.90%			
41) Toluene-d8	7.56	98	233493	43.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.98%			
43) trans-1,3-Dichloropropene-	7.85	79	41458	43.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.28%			
47) 2-Hexanone-d5	8.32	63	88090	103.29	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.29%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141218	50.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	98068	47.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.12%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	1548	0.761	ug/L	95
6) Bromomethane	1.60	94	661	0.557	ug/L	75
13) Acetone	2.34	43	1062	0.608	ug/L	55
27) 1,2-Dichloroethane	5.32	62	1878	0.766	ug/L #	77
35) Methylcyclohexane	6.32	83	20784	7.943	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10483	6.032	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3163	1.168	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	2233	0.878	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	13906	5.996	ug/L #	88

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

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Quantitation Report (Not Reviewed)

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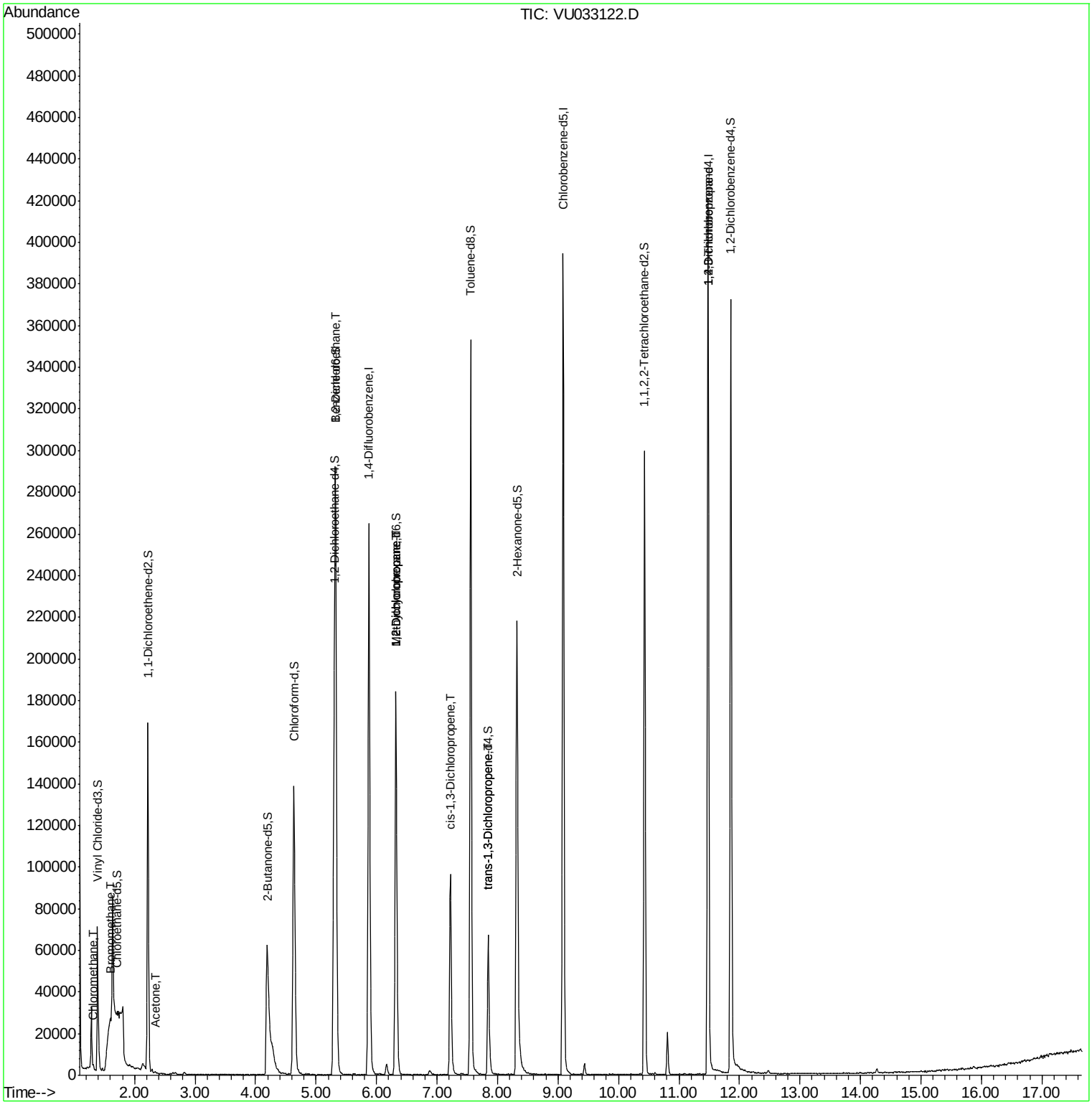
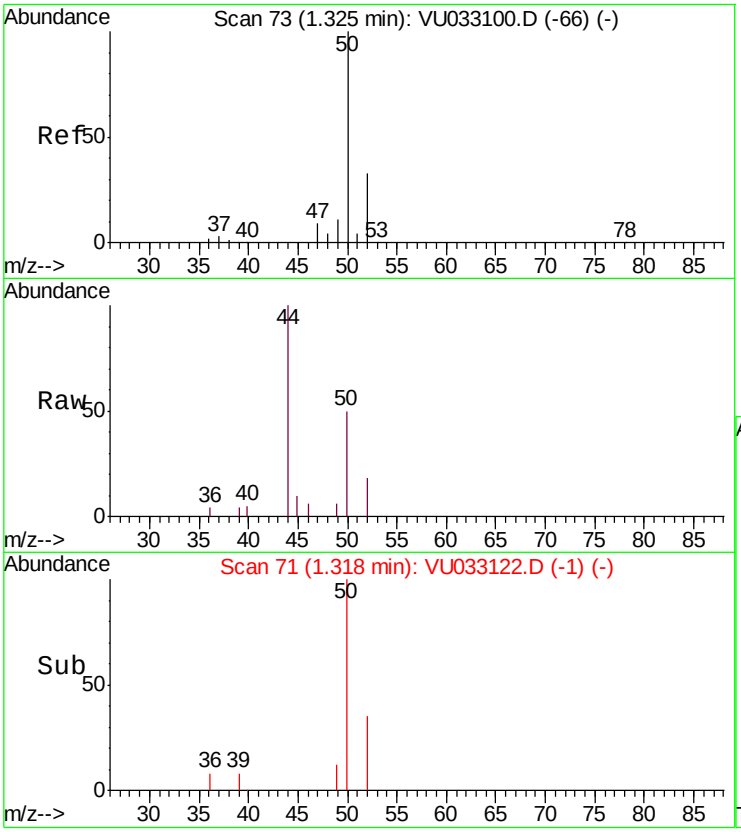
Operator : JC/SP
Sample : K3599-09
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM18

Quant Time: Jul 02 04:22:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration



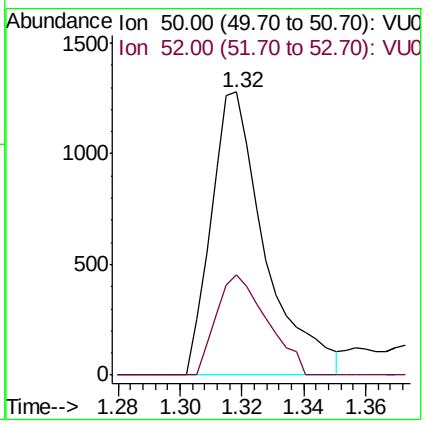


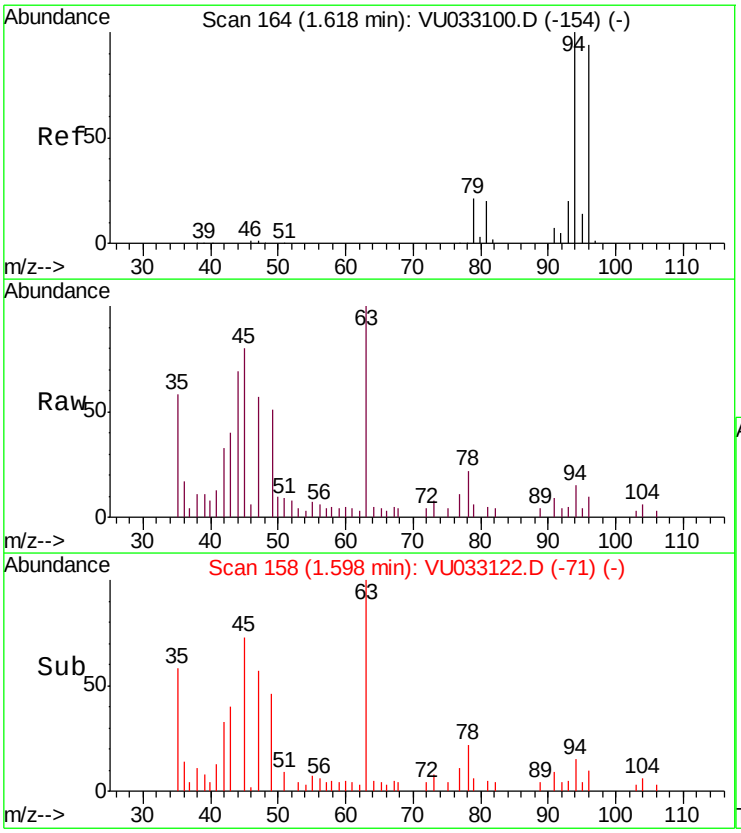
#3
Chloromethane
Concen: 0.761 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.01 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Instrument :
MSVOA_U
ClientSampleId :
GAM18

Tgt Ion: 50 Resp: 1548

Ion	Ratio	Lower	Upper
50	100		
52	35.4	23.0	42.6

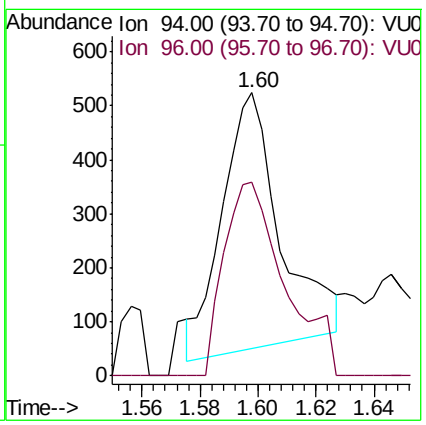


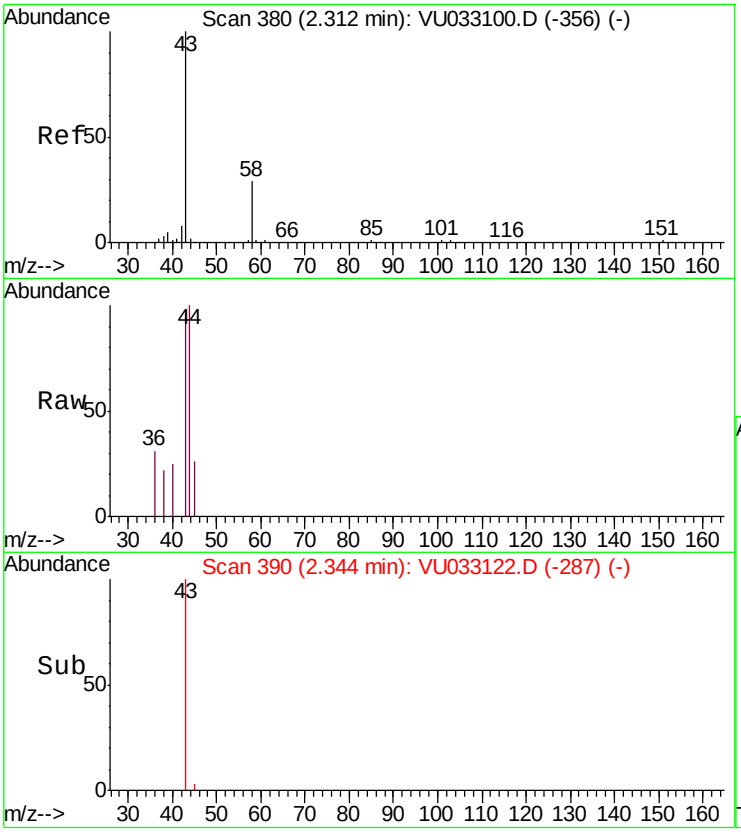


#6
Bromomethane
Concen: 0.557 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Tgt Ion: 94 Resp: 661

Ion	Ratio	Lower	Upper
94	100		
96	68.3	64.8	120.4



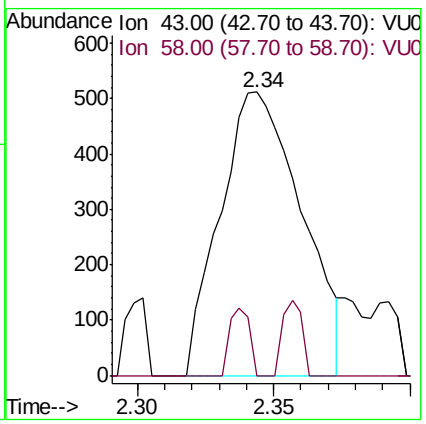


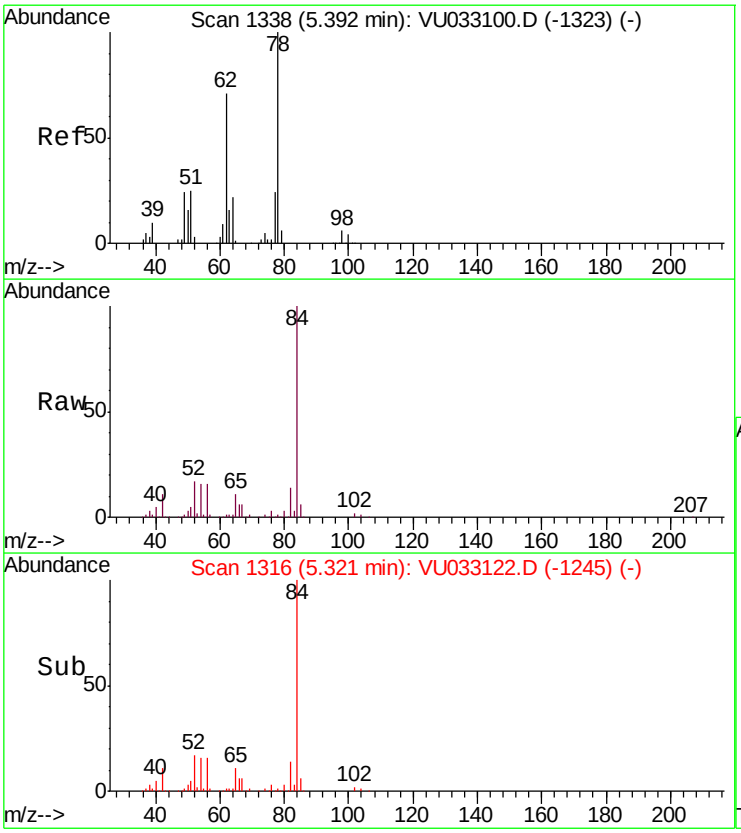
#13
Acetone
Concen: 0.608 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.03 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Instrument : MSVOA_U
ClientSampleId : GAM18

Tgt Ion: 43 Resp: 1062

Ion	Ratio	Lower	Upper
43	100		
58	6.0	0.0	60.6

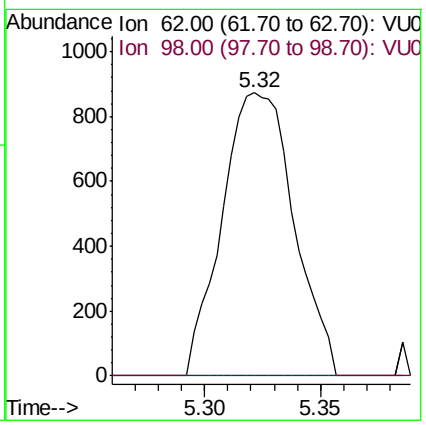


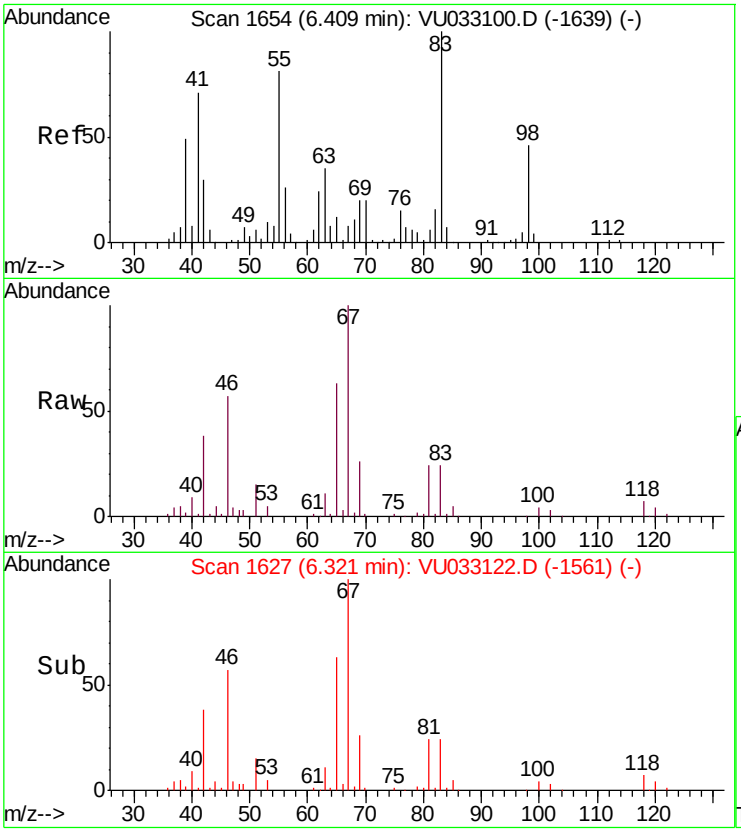


#27
1,2-Dichloroethane
Concen: 0.766 ug/L
RT: 5.32 min Scan# 1316
Delta R.T. -0.07 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Tgt Ion: 62 Resp: 1878

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



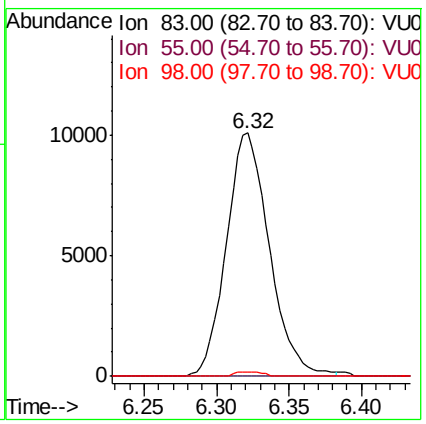


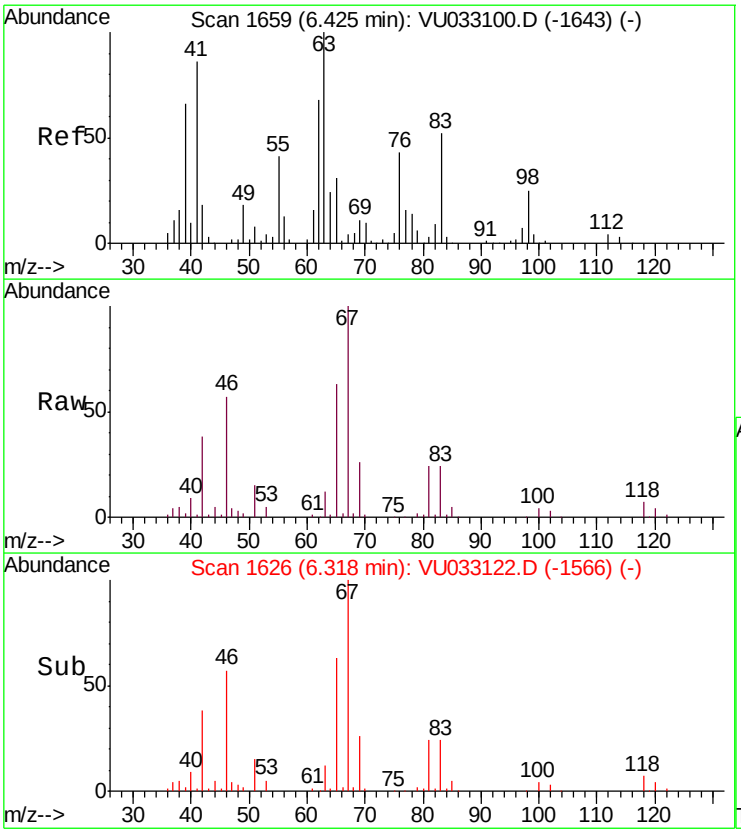
#35
Methylcyclohexane
Concen: 7.943 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Instrument : MSVOA_U
ClientSampleId : GAM18

Tgt Ion: 83 Resp: 20784

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.2	37.4	56.0#

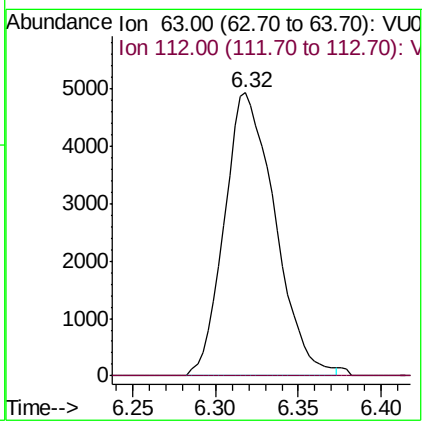


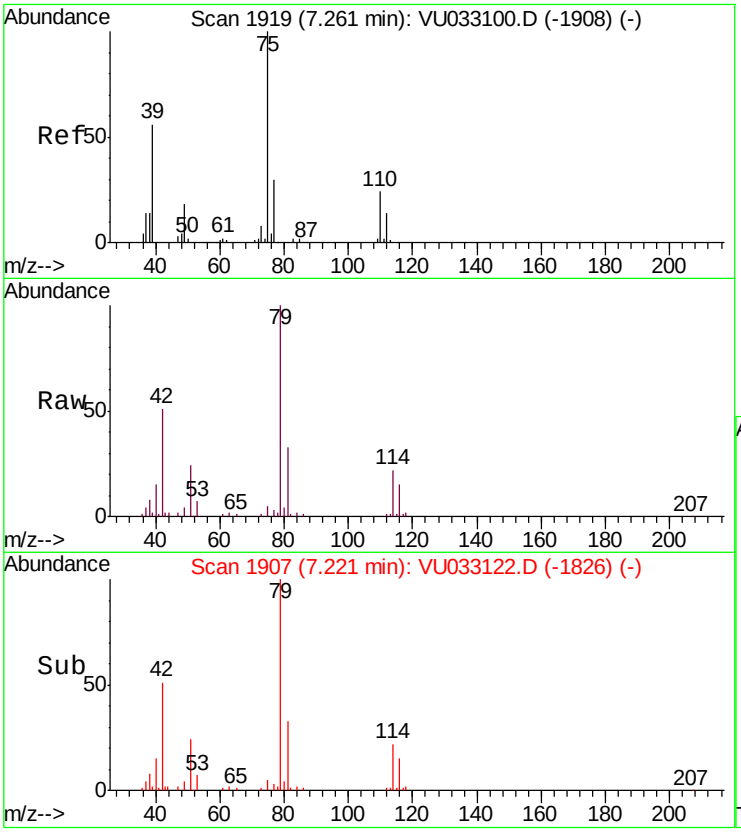


#37
1,2-Dichloropropane
Concen: 6.032 ug/L
RT: 6.32 min Scan# 1626
Delta R.T. -0.11 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Tgt Ion: 63 Resp: 10483

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



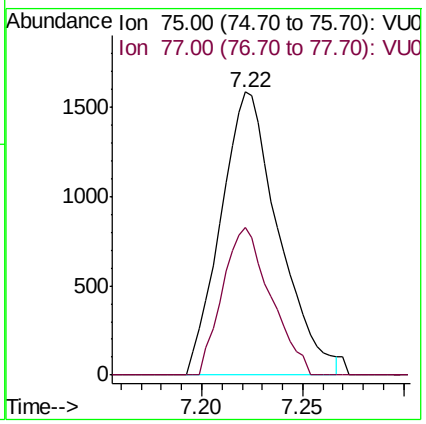


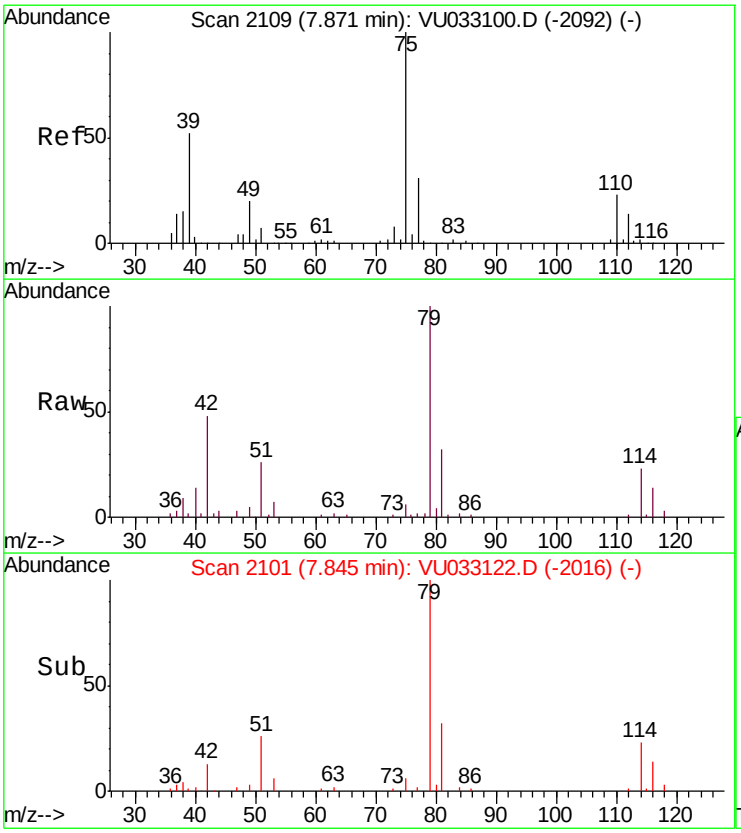
#39
cis-1,3-Dichloropropene
Concen: 1.168 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Instrument :
MSVOA_U
ClientSampleId :
GAM18

Tgt Ion: 75 Resp: 3163

Ion	Ratio	Lower	Upper
75	100		
77	52.3	21.9	40.7#

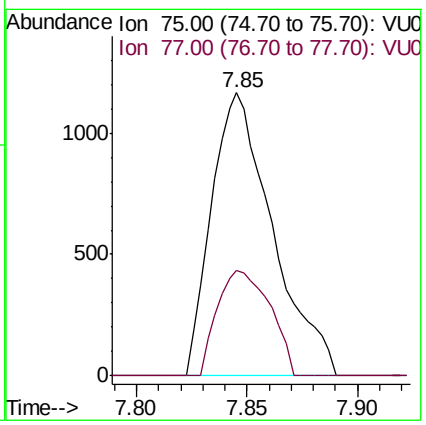


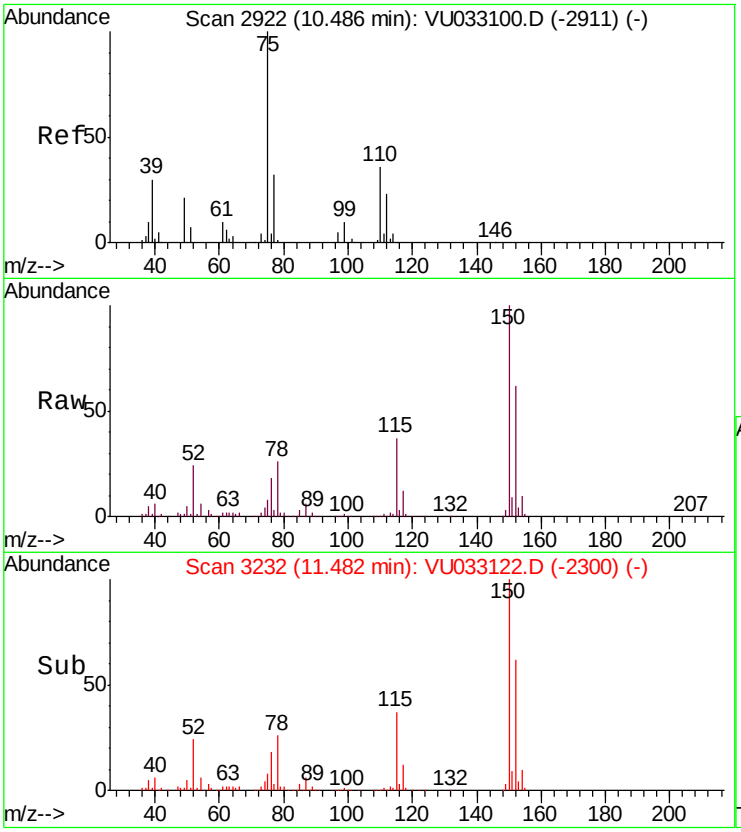


#44
trans-1,3-Dichloropropene
Concen: 0.878 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Tgt Ion: 75 Resp: 2233

Ion	Ratio	Lower	Upper
75	100		
77	37.3	21.8	40.4





#59
1,2,3-Trichloropropane
Concen: 5.996 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 1.00 min
Lab File: VU033122.D
Acq: 01 Jul 2019 18:10

Instrument :
MSVOA_U
ClientSampleId :
GAM18

Tgt Ion: 75 Resp: 13906

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.5	38.3#