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

Quantitation Report (Not Reviewed)

Data File : VU033124.D
Acq On : 01 Jul 2019 18:56
Operator : JC/SP
Sample : K3599-16
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM25

Quant Time: Jul 02 04:22:55 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	227931	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112781	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	53377	34.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.54%			
7) Chloroethane-d5	1.64	69	38112	30.68	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.36%#			
11) 1,1-Dichloroethene-d2	2.28	63	27	0.01	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.02%#			
21) 2-Butanone-d5	4.19	46	142777	110.12	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.12%			
24) Chloroform-d	4.63	84	139811	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.34%			
26) 1,2-Dichloroethane-d4	5.30	65	101798	50.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.94%			
32) Benzene-d6	5.32	84	262107	44.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.46%			
36) 1,2-Dichloropropane-d6	6.32	67	88234	46.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.48%			
41) Toluene-d8	7.56	98	236381	42.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.18%			
43) trans-1,3-Dichloropropene-	7.85	79	41218	41.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.94%			
47) 2-Hexanone-d5	8.32	63	87176	98.90	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141745	48.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	99298	45.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1730	0.829	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	859	0.564	ug/L #	17
20) cis-1,2-Dichloroethene	4.20	96	1396	0.823	ug/L	98
22) 2-Butanone	4.29	43	15538	8.371	ug/L	84
27) 1,2-Dichloroethane	5.32	62	1725	0.686	ug/L #	77
34) Trichloroethene	6.18	95	10863	6.208	ug/L	98
37) 1,2-Dichloropropane	6.32	63	10845	6.037	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	2163	0.823	ug/L #	72
46) Tetrachloroethene	8.22	164	5374	3.748	ug/L	95
48) 2-Hexanone	8.32	43	11966	4.729	ug/L #	71
49) Dibromochloromethane	8.22	129	5169	2.564	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	14776	6.164	ug/L	90

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

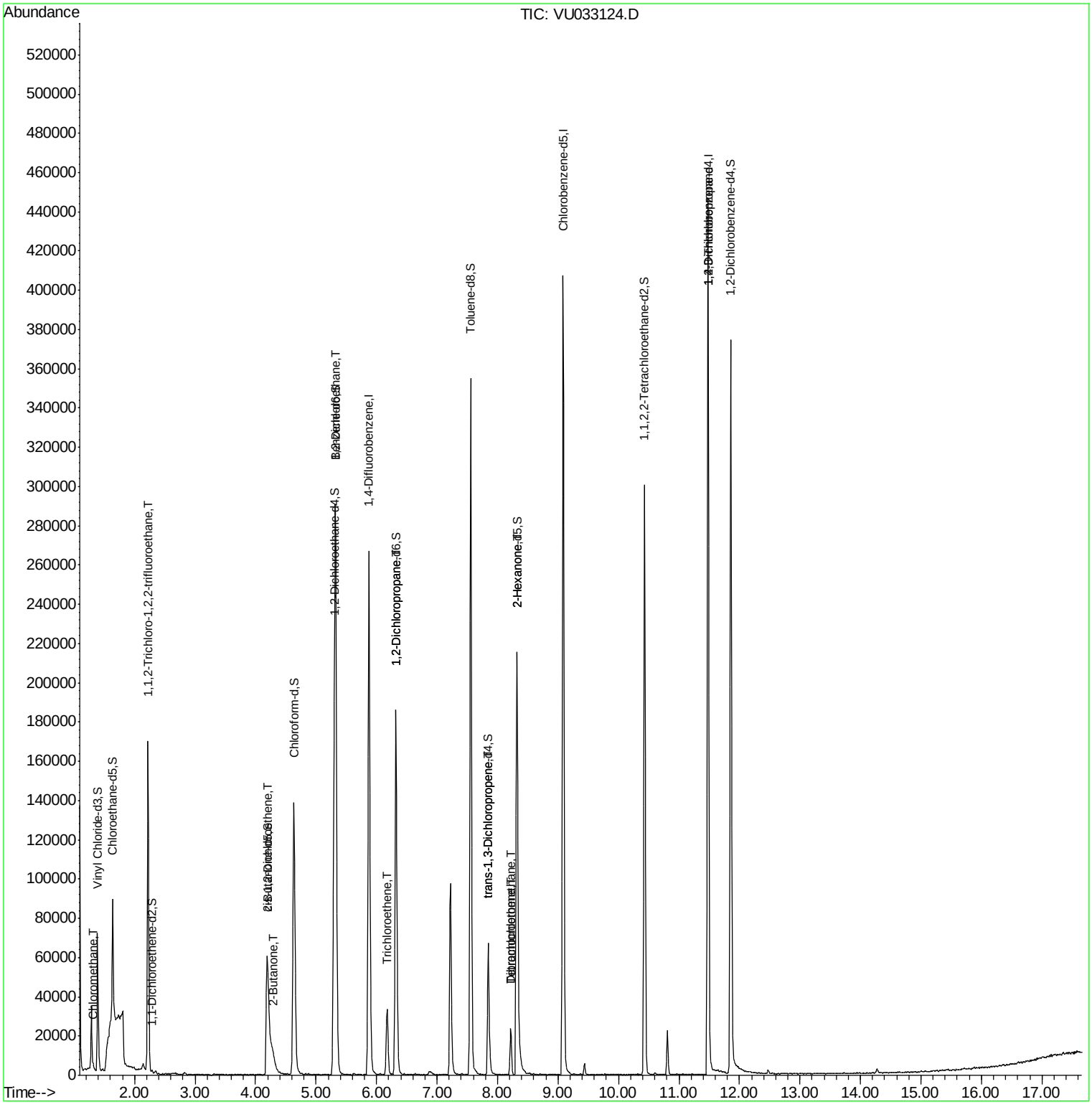
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\

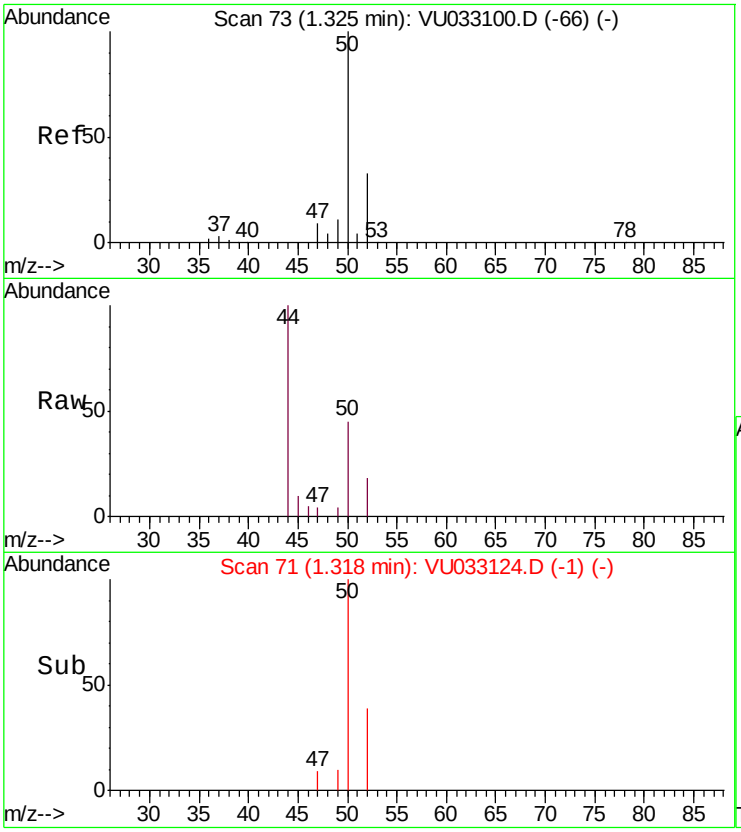
Quantitation Report (Not Reviewed)

Data File : VU033124.D
Acq On : 01 Jul 2019 18:56
Operator : JC/SP
Sample : K3599-16
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM25

Quant Time: Jul 02 04:22:55 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



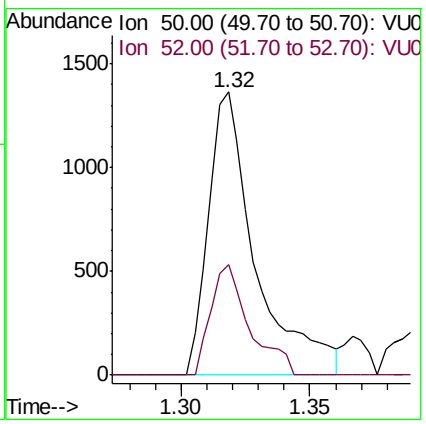


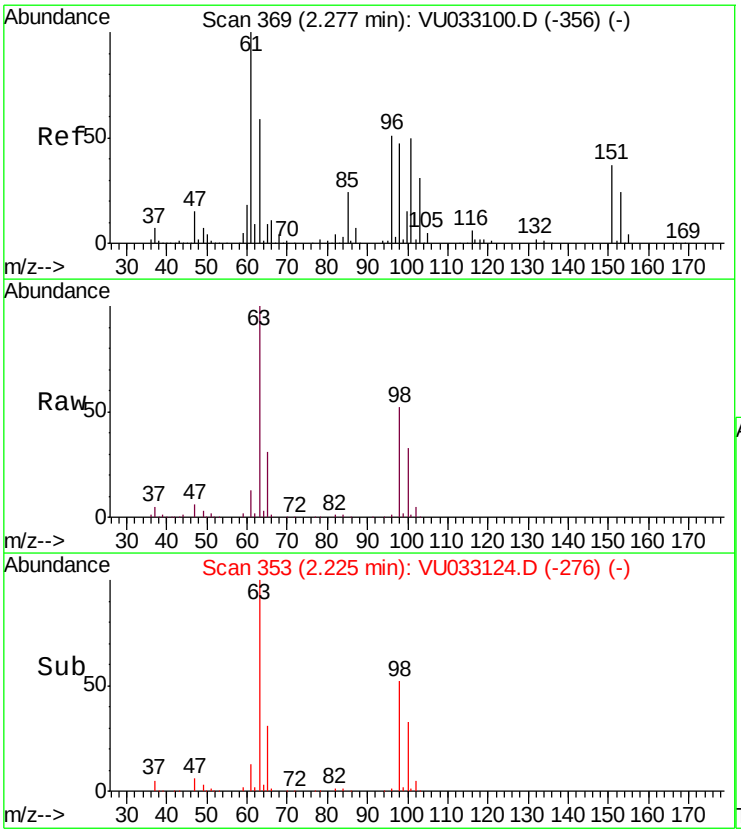
#3
Chloromethane
Concen: 0.829 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.01 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
GAM25

Tgt Ion: 50 Resp: 1730

Ion	Ratio	Lower	Upper
50	100		
52	39.0	23.0	42.6

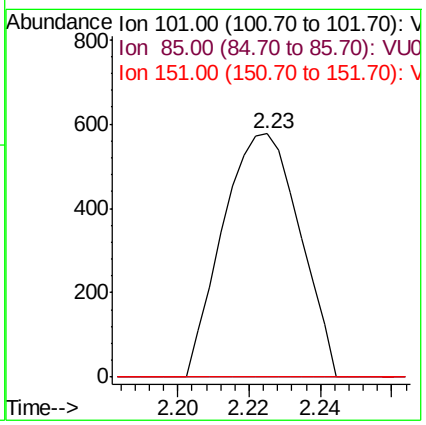


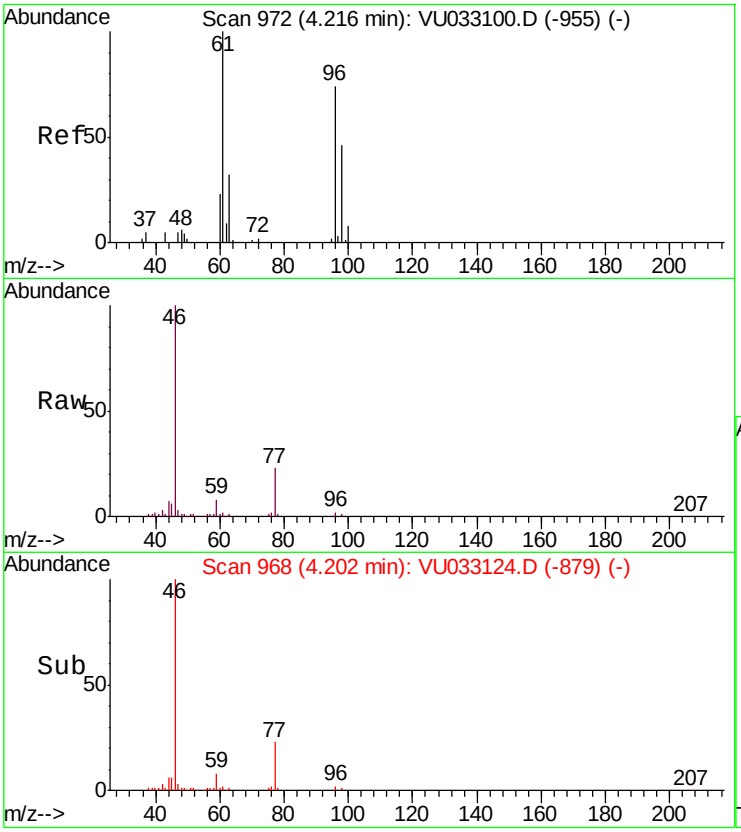


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.564 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.05 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Tgt Ion:101 Resp: 859

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



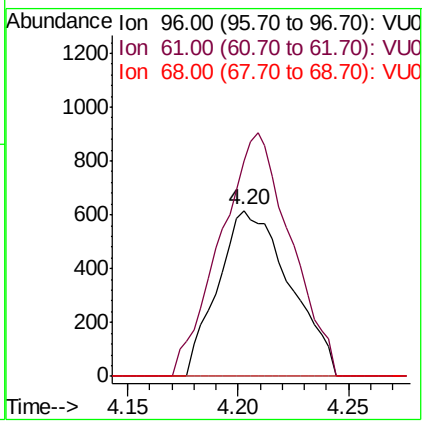


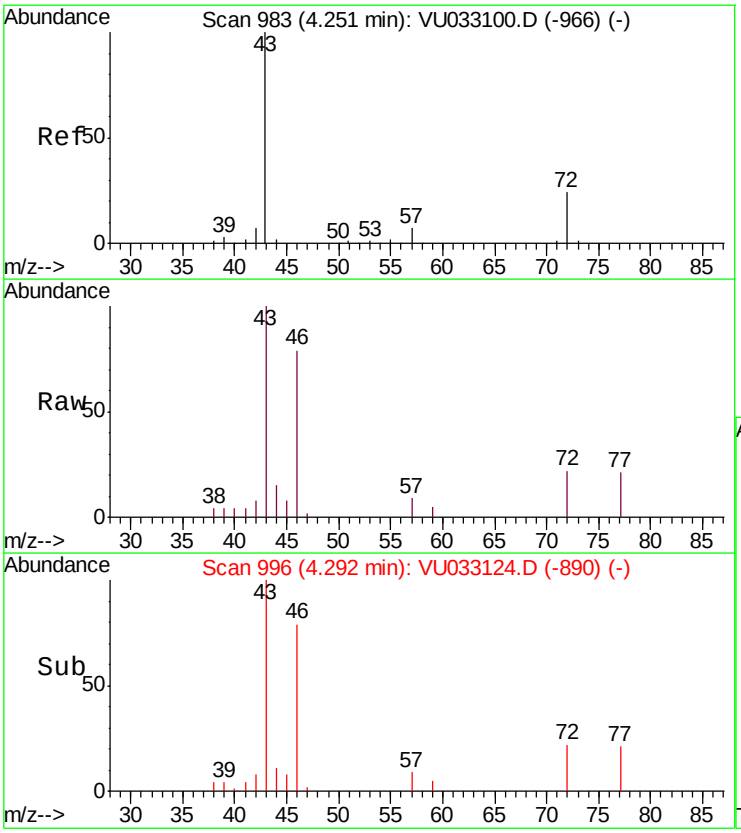
#20
cis-1,2-Dichloroethene
Concen: 0.823 ug/L
RT: 4.20 min Scan# 968
Delta R.T. -0.01 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Instrument :
MSVOA_U
ClientSampleId :
GAM25

Tgt Ion: 96 Resp: 1396

Ion	Ratio	Lower	Upper
96	100		
61	129.7	92.4	171.6
68	0.0	0.0	0.0

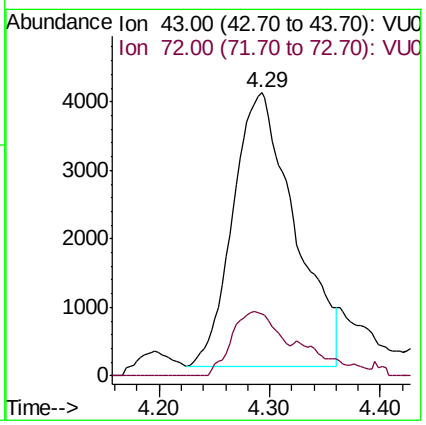


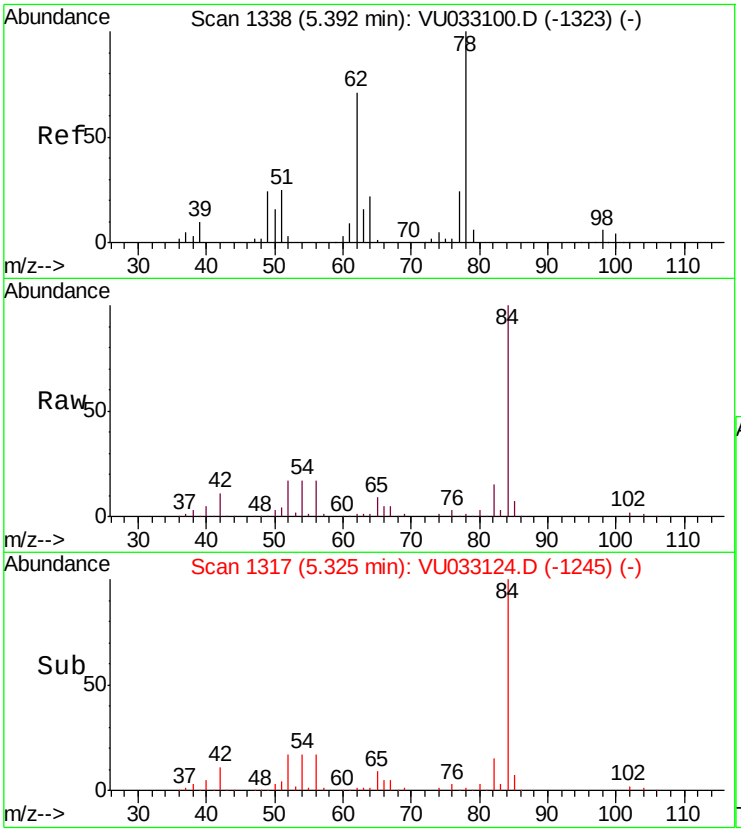


#22
2-Butanone
Concen: 8.371 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.04 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Tgt Ion: 43 Resp: 15538

Ion	Ratio	Lower	Upper
43	100		
72	17.8	12.9	38.6



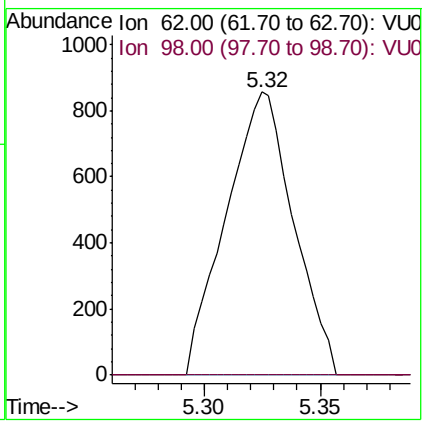


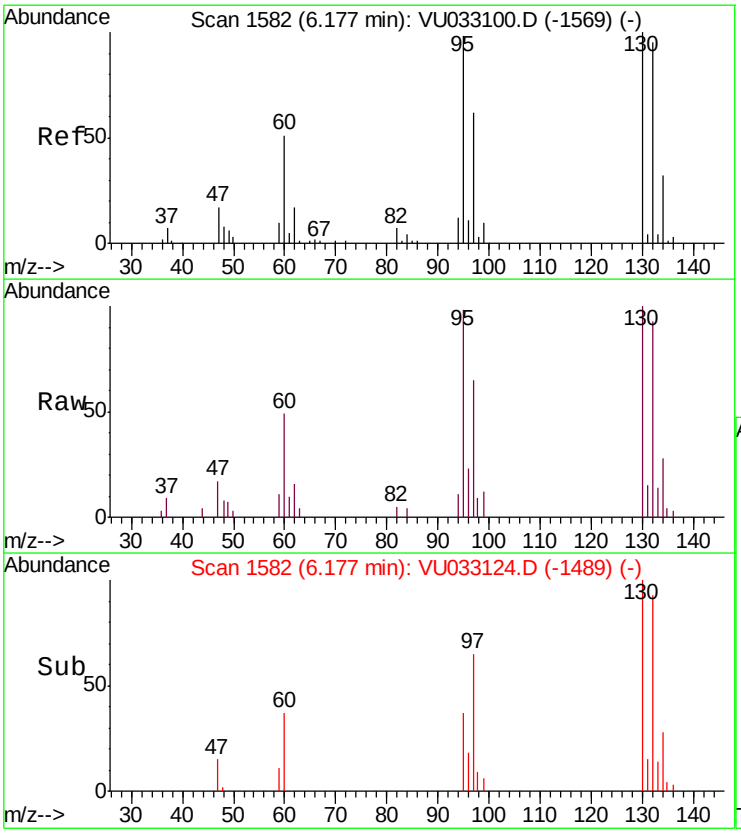
#27
1,2-Dichloroethane
Concen: 0.686 ug/L
RT: 5.32 min Scan# 1317
Delta R.T. -0.07 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion: 62 Resp: 1725

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

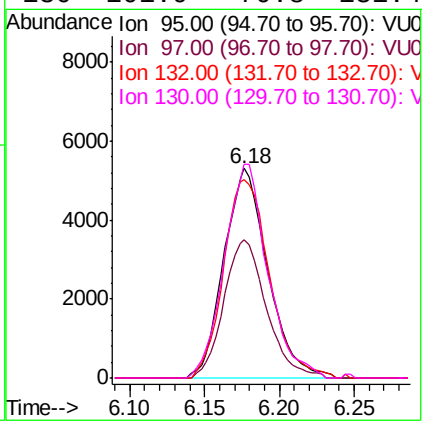


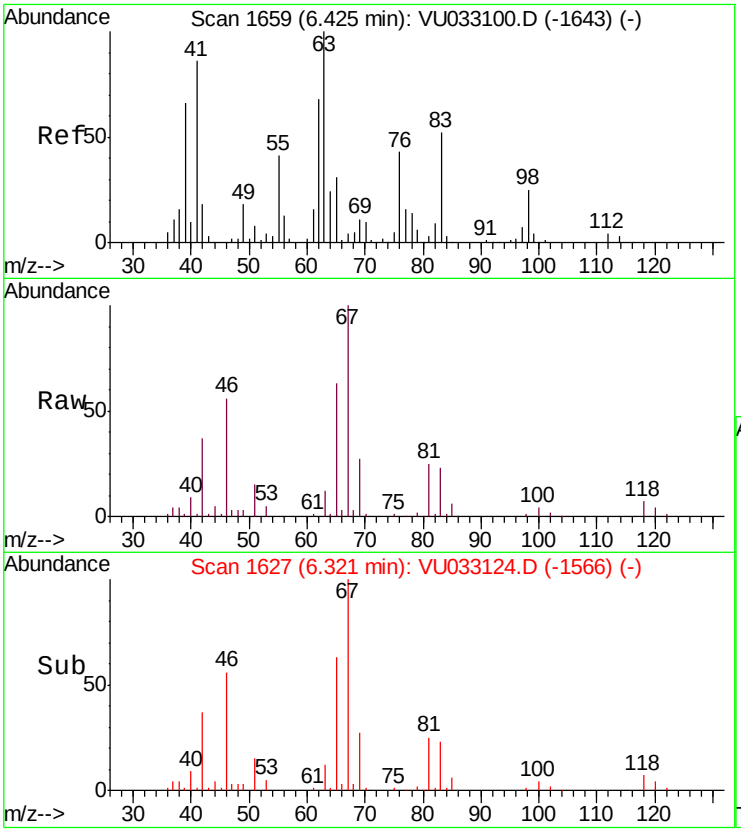


#34
Trichloroethene
Concen: 6.208 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Tgt Ion: 95 Resp: 10863

Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.9	85.3
132	94.8	68.5	127.3
130	101.9	70.8	131.4



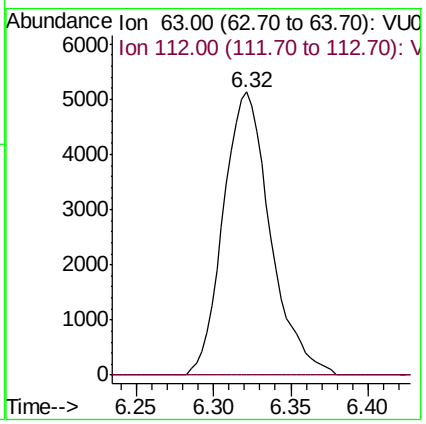


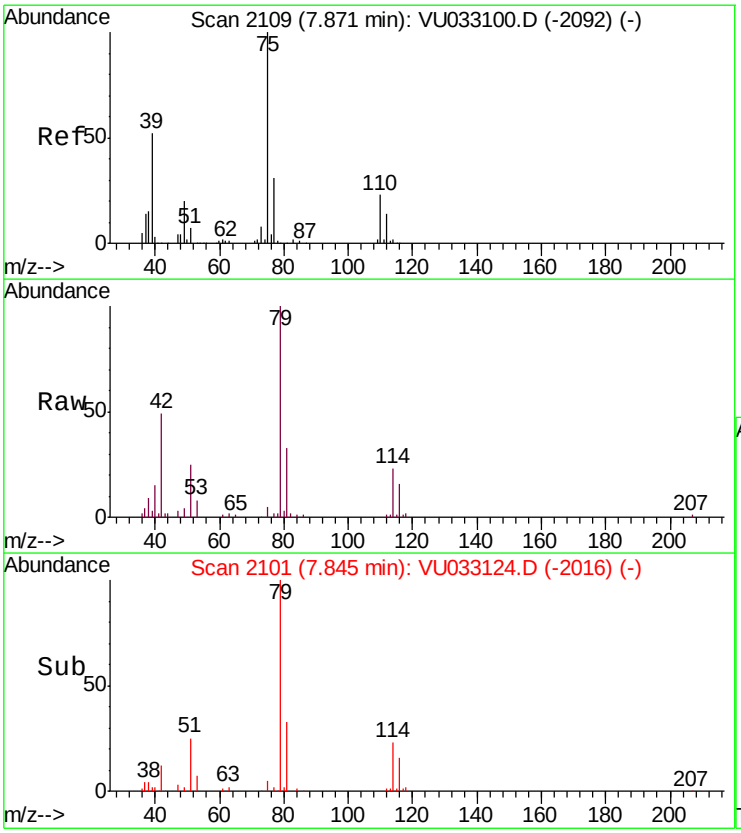
#37
1,2-Dichloropropane
Concen: 6.037 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion: 63 Resp: 10845

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

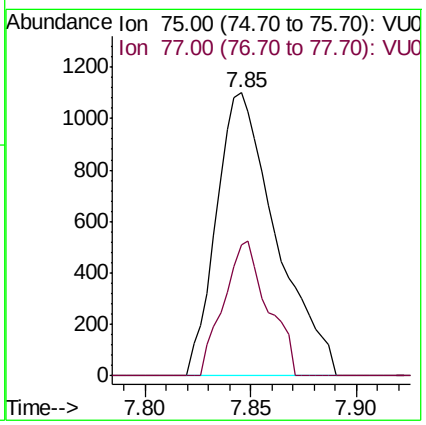


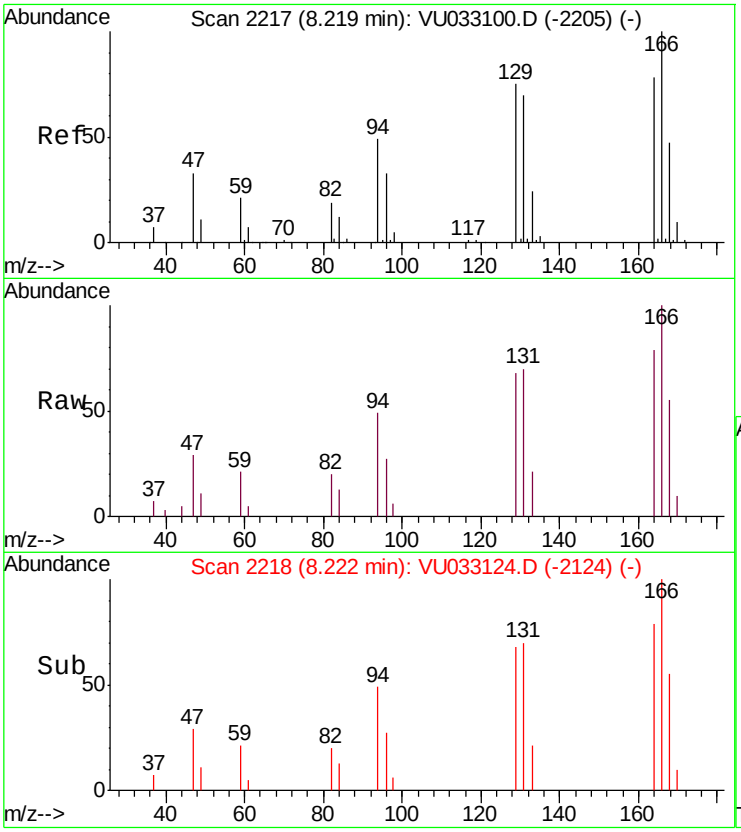


#44
trans-1,3-Dichloropropene
Concen: 0.823 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Tgt Ion: 75 Resp: 2163

Ion	Ratio	Lower	Upper
75	100		
77	46.4	21.8	40.4#



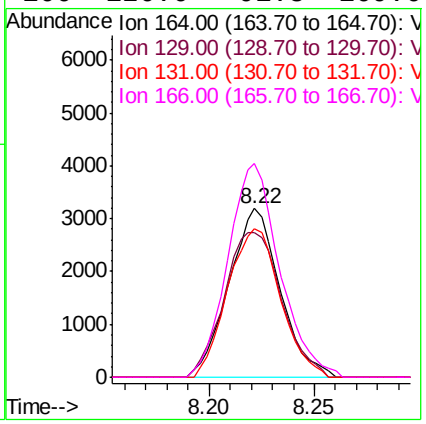


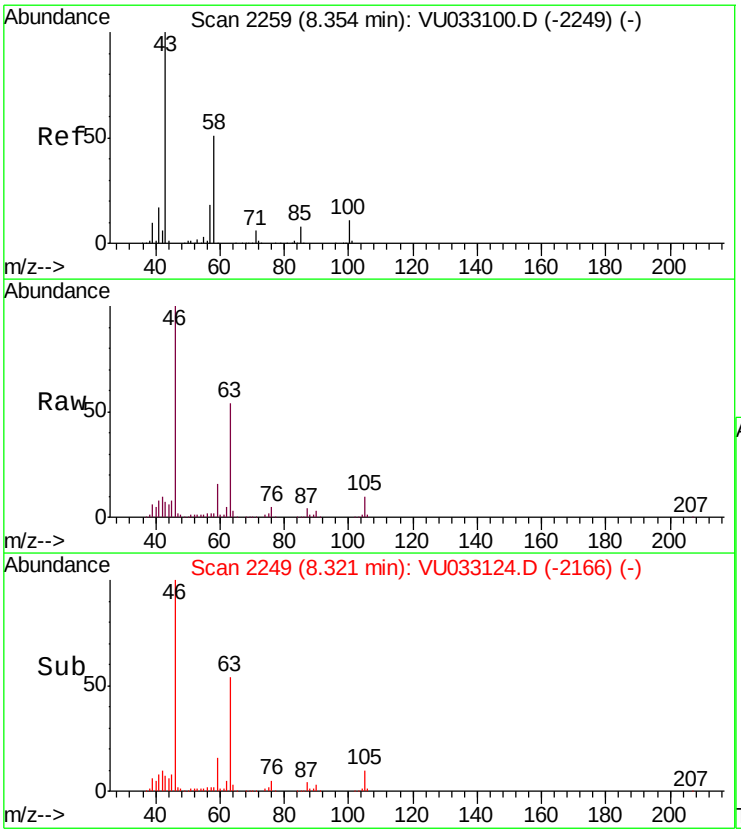
#46
Tetrachloroethene
Concen: 3.748 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion:164 Resp: 5374

Ion	Ratio	Lower	Upper
164	100		
129	85.6	64.8	120.3
131	88.4	64.5	119.7
166	126.6	91.3	169.6

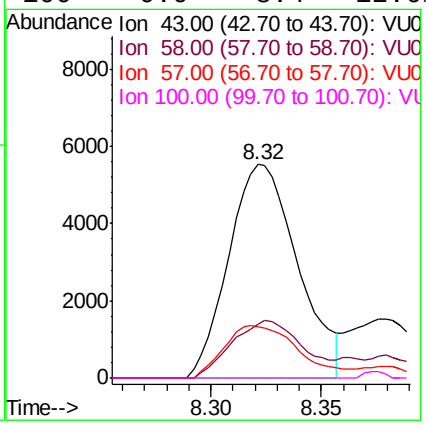


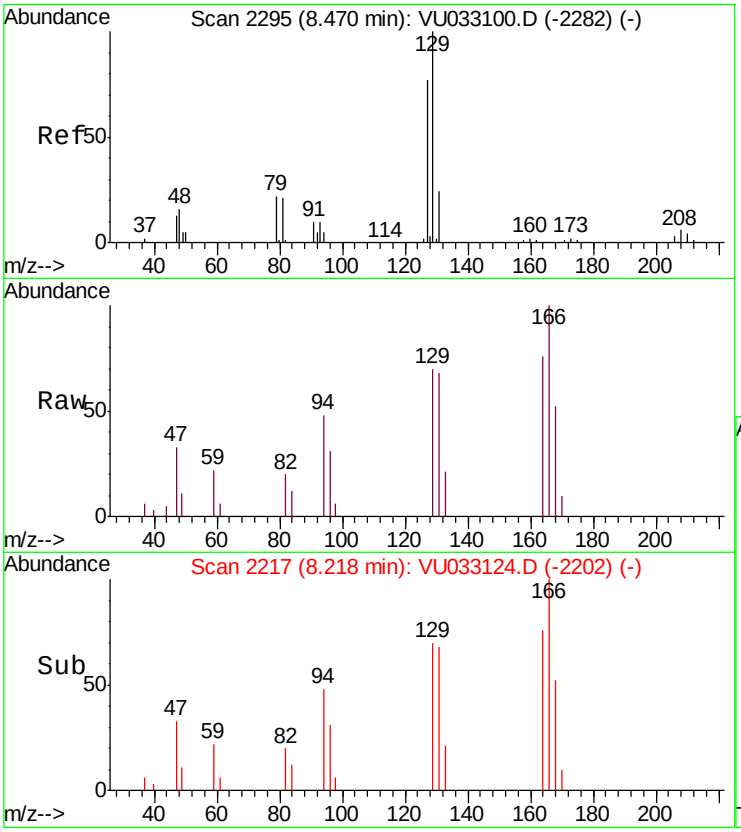


#48
2-Hexanone
Concen: 4.729 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.03 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Tgt Ion: 43 Resp: 11966

Ion	Ratio	Lower	Upper
43	100		
58	27.3	40.2	60.2#
57	26.5	14.2	21.4#
100	0.0	8.4	12.6#



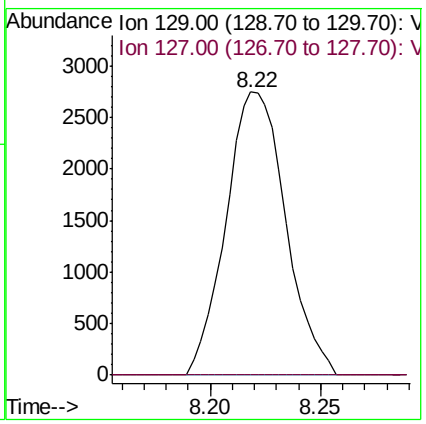


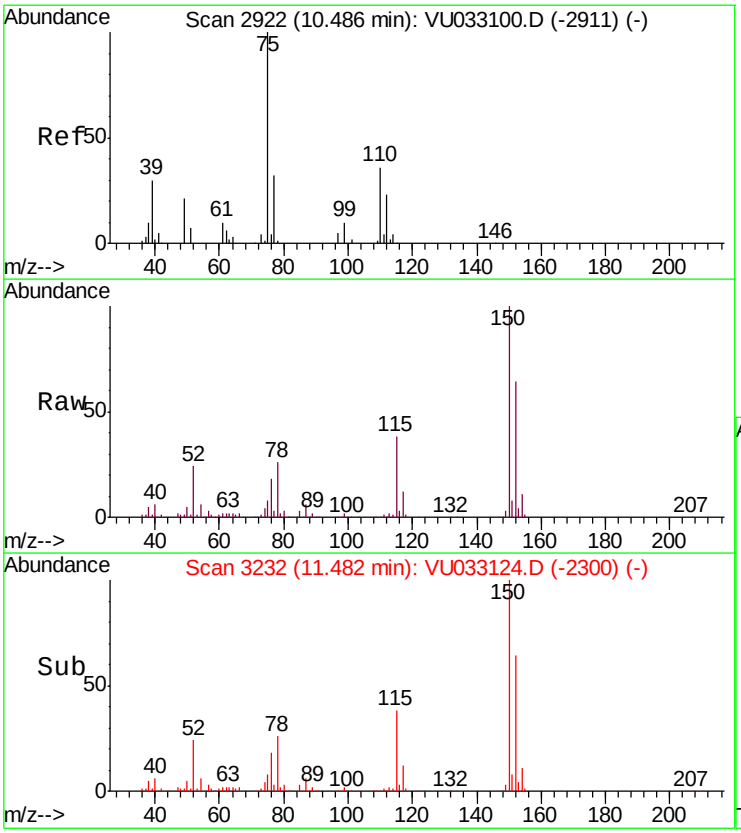
#49
Dibromochloromethane
Concen: 2.564 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion:129 Resp: 5169

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 6.164 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 1.00 min
Lab File: VU033124.D
Acq: 01 Jul 2019 18:56

Tgt Ion: 75 Resp: 14776

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.5	38.3