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

Quantitation Report (Not Reviewed)

Data File : VU033106.D
Acq On : 01 Jul 2019 11:40
Operator : JC/SP
Sample : K3599-16
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM25

Quant Time: Jul 02 04:20:05 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	206320	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100623	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	27843	19.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 39.50%#			
7) Chloroethane-d5	1.64	69	18839	16.75	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 33.50%#			
11) 1,1-Dichloroethene-d2	2.27	63	90	0.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.06%#			
21) 2-Butanone-d5	4.20	46	60840	51.84	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 51.84%			
24) Chloroform-d	4.64	84	65781	24.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 48.00%#			
26) 1,2-Dichloroethane-d4	5.30	65	46619	25.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 51.06%#			
32) Benzene-d6	5.32	84	123477	23.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 46.20%#			
36) 1,2-Dichloropropane-d6	6.32	67	41567	24.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 48.82%#			
41) Toluene-d8	7.56	98	110431	22.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 44.12%#			
43) trans-1,3-Dichloropropene-	7.85	79	19024	21.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 42.96%#			
47) 2-Hexanone-d5	8.32	63	35995	45.28	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 45.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64661	24.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 49.14%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	44782	23.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 46.00%#			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1637	0.867	ug/L	93
6) Bromomethane	1.59	94	879	0.797	ug/L	82
13) Acetone	2.34	43	1391	0.858	ug/L	64
15) Methyl Acetate	2.63	43	1265	0.688	ug/L #	53
20) cis-1,2-Dichloroethene	4.20	96	1287	0.838	ug/L	99
34) Trichloroethene	6.18	95	10431	6.610	ug/L	97
35) Methylcyclohexane	6.32	83	9399	3.853	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	4967	3.066	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1434	0.568	ug/L #	72
46) Tetrachloroethene	8.22	164	5336	4.126	ug/L	92
49) Dibromochloromethane	8.22	129	5362	2.949	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13060	6.040	ug/L	91

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

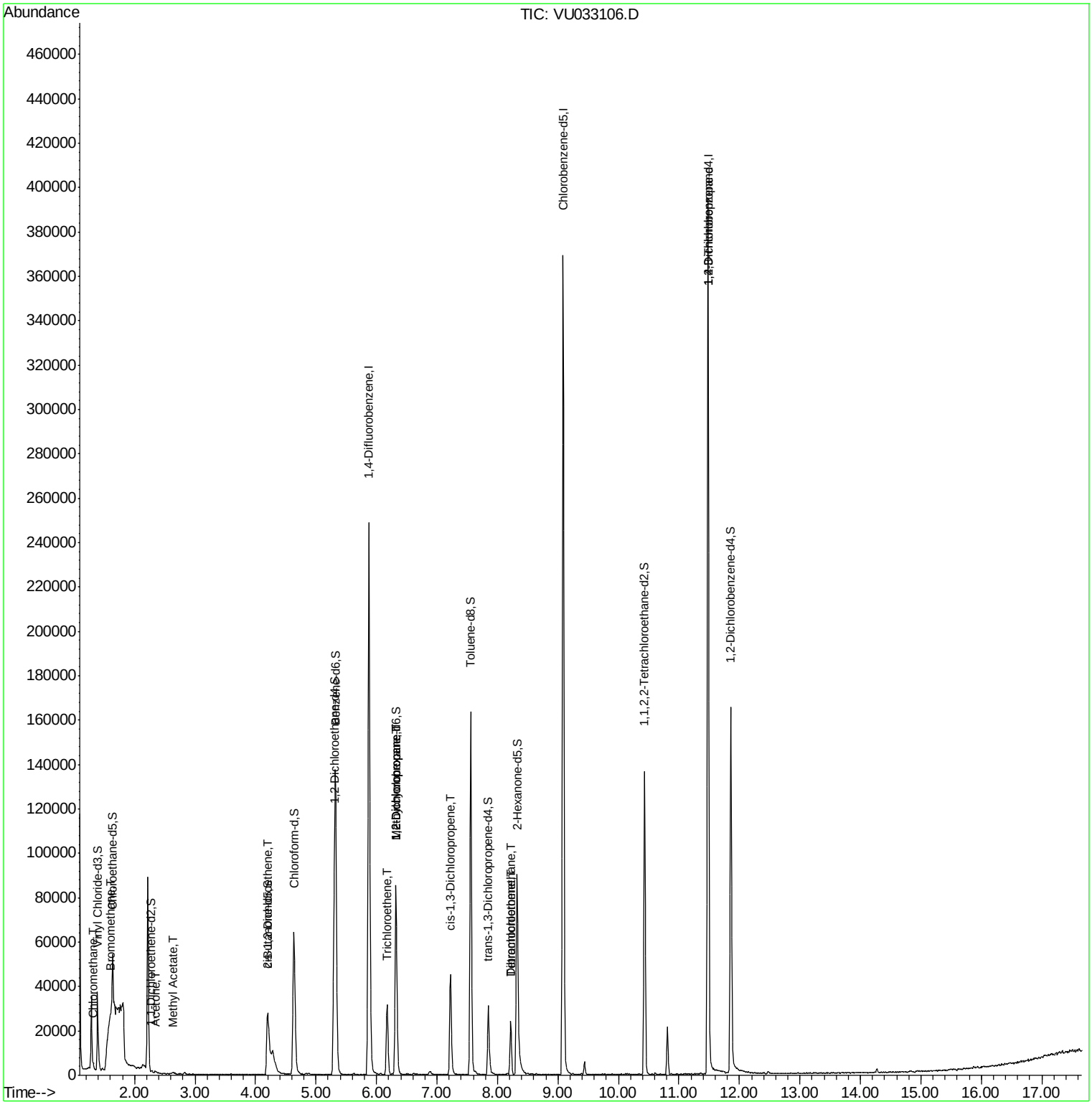
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\

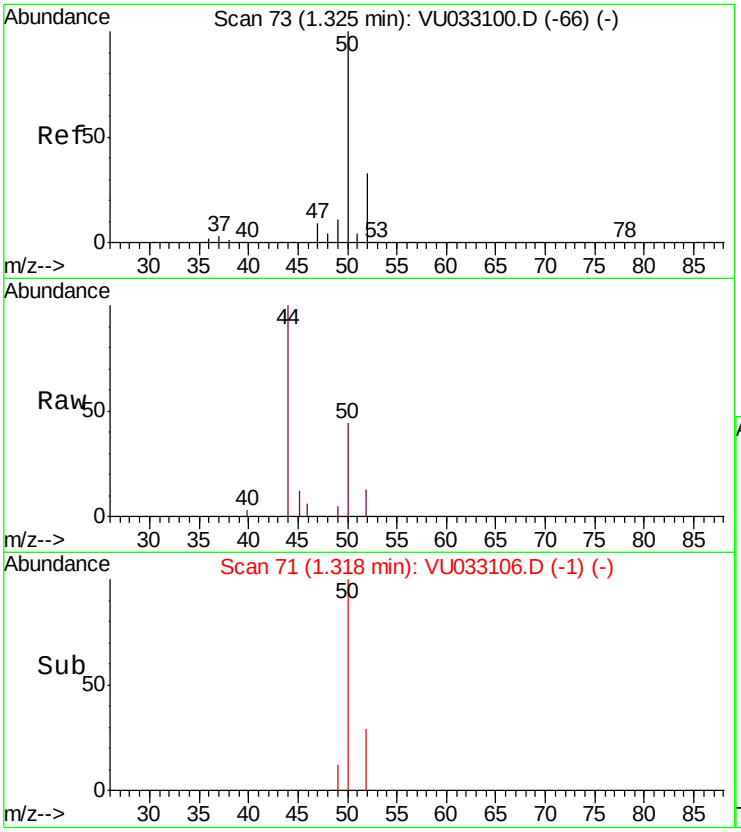
Quantitation Report (Not Reviewed)

Data File : VU033106.D
Acq On : 01 Jul 2019 11:40
Operator : JC/SP
Sample : K3599-16
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM25

Quant Time: Jul 02 04:20:05 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



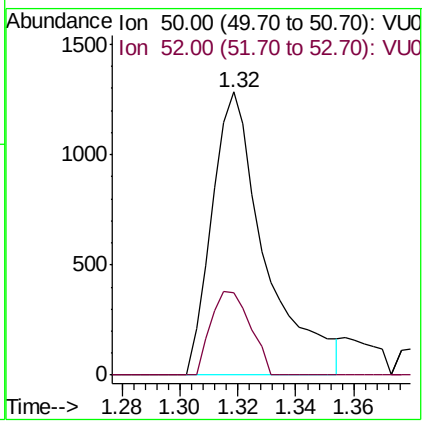


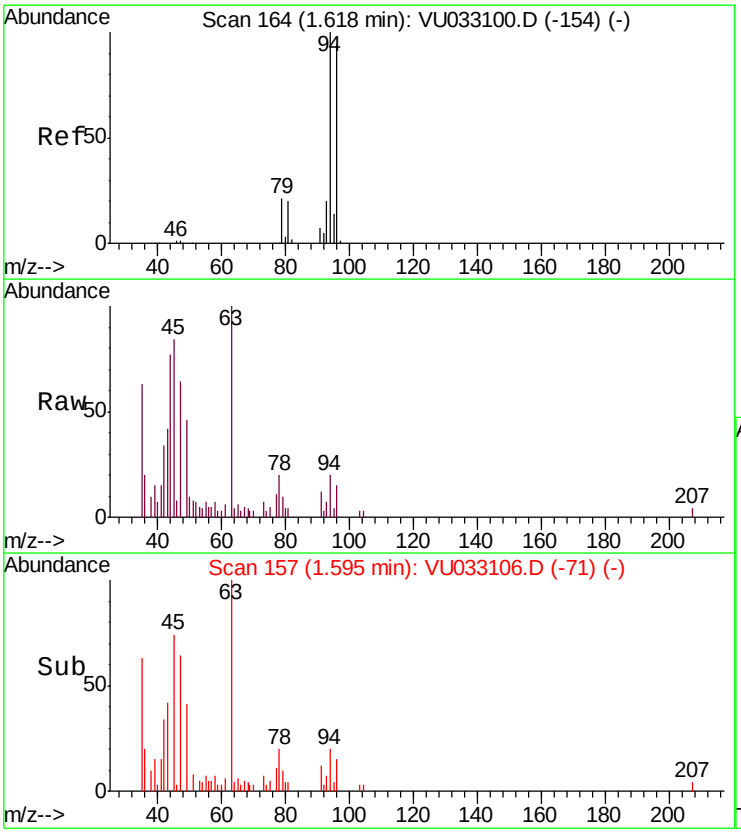
#3
Chloromethane
Concen: 0.867 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.01 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Instrument :
MSVOA_U
ClientSampleId :
GAM25

Tgt Ion: 50 Resp: 1637

Ion	Ratio	Lower	Upper
50	100		
52	29.1	23.0	42.6

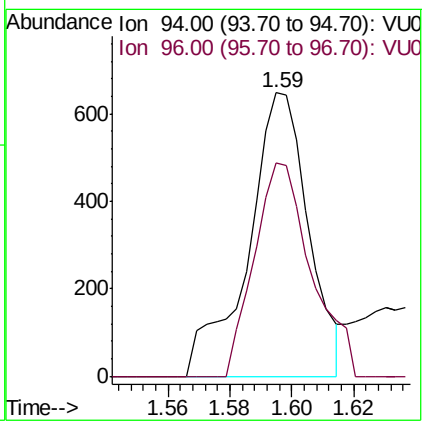


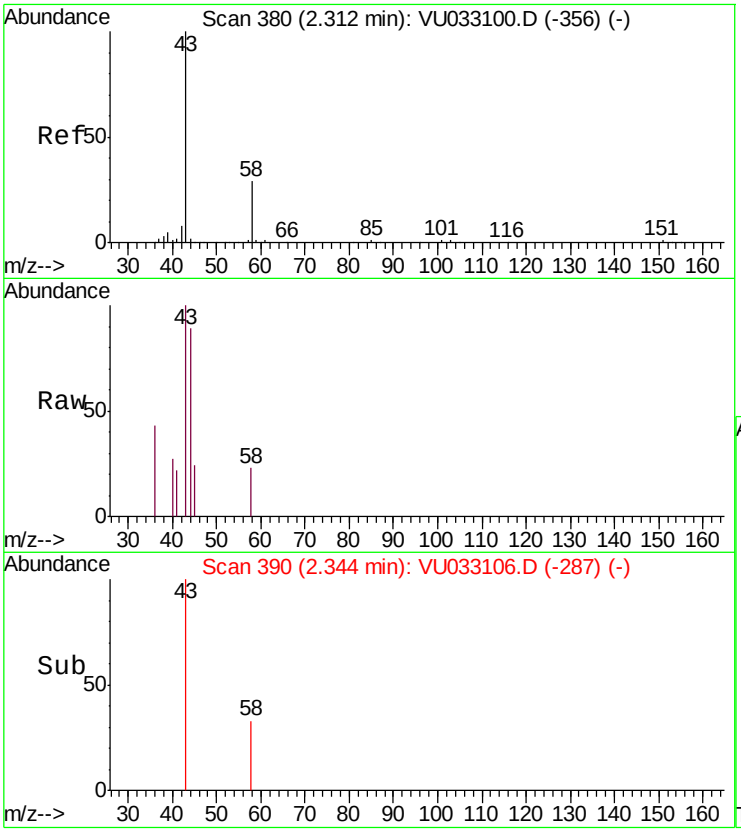


#6
Bromomethane
Concen: 0.797 ug/L
RT: 1.59 min Scan# 157
Delta R.T. -0.02 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Tgt Ion: 94 Resp: 879

Ion	Ratio	Lower	Upper
94	100		
96	75.5	64.8	120.4



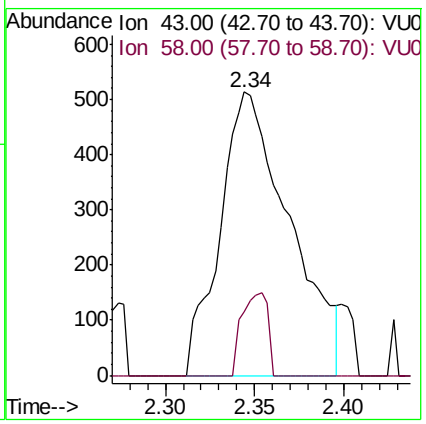


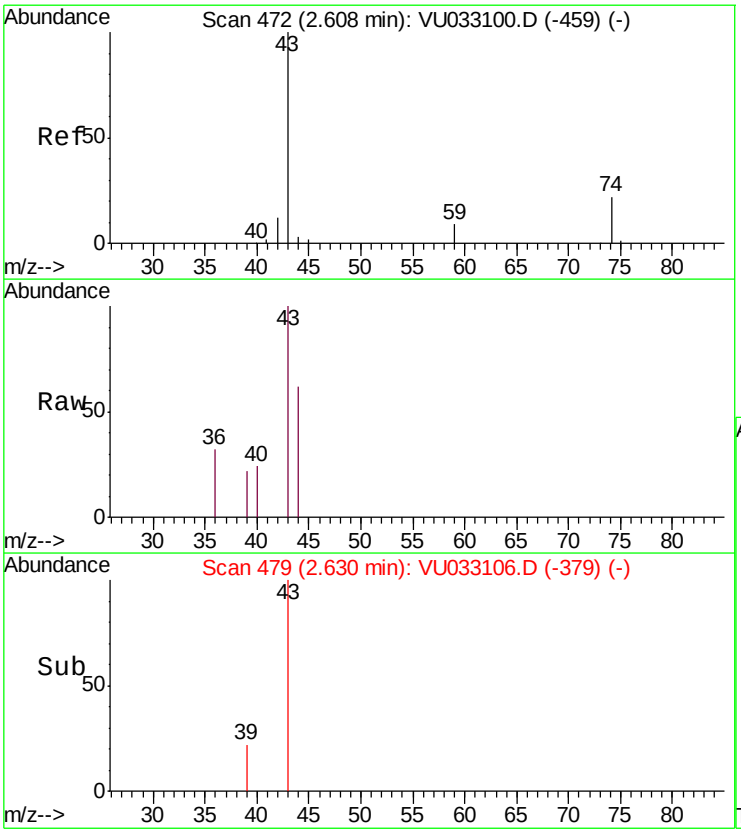
#13
Acetone
Concen: 0.858 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.03 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion: 43 Resp: 1391

Ion	Ratio	Lower	Upper
43	100		
58	10.8	0.0	60.6

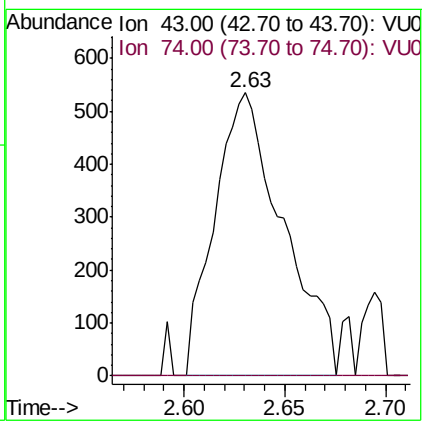


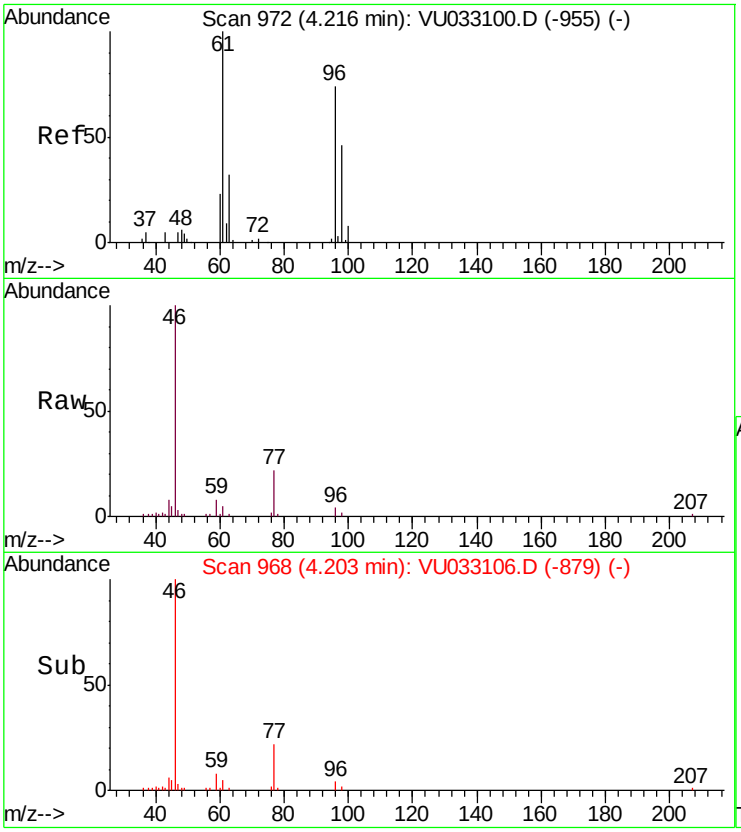


#15
Methyl Acetate
Concen: 0.688 ug/L
RT: 2.63 min Scan# 479
Delta R.T. 0.02 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Tgt Ion: 43 Resp: 1265

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.1	27.1#



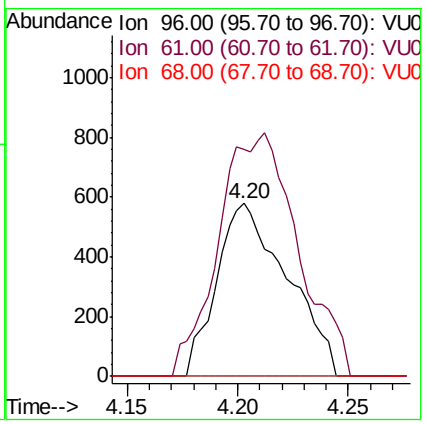


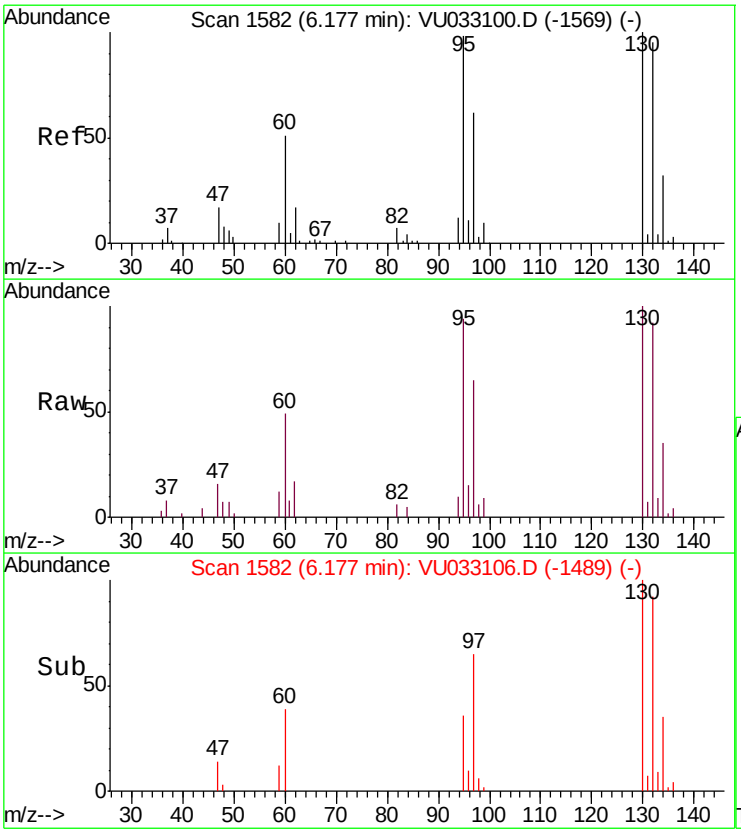
#20
cis-1,2-Dichloroethene
Concen: 0.838 ug/L
RT: 4.20 min Scan# 968
Delta R.T. -0.01 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion: 96 Resp: 1287

Ion	Ratio	Lower	Upper
96	100		
61	130.9	92.4	171.6
68	0.0	0.0	0.0

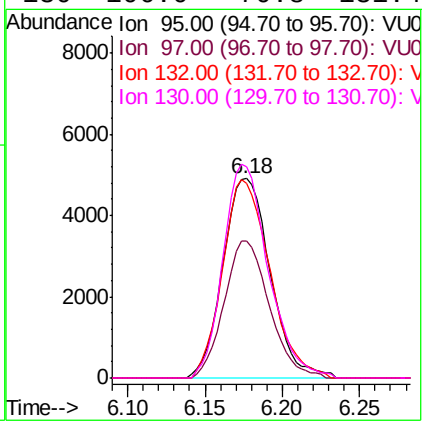


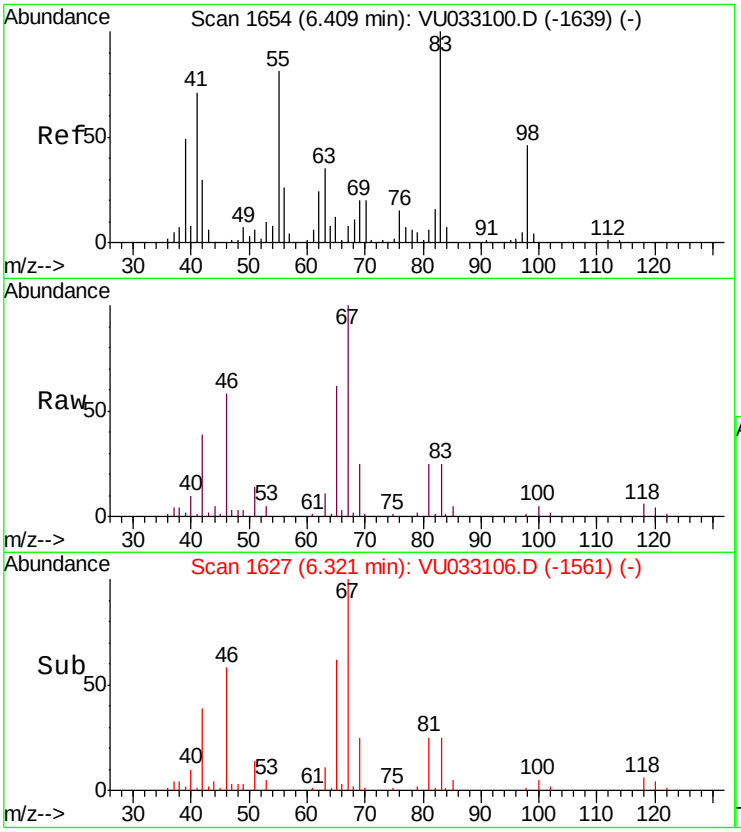


#34
Trichloroethene
Concen: 6.610 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Tgt Ion: 95 Resp: 10431

Ion	Ratio	Lower	Upper
95	100		
97	68.6	45.9	85.3
132	97.4	68.5	127.3
130	106.0	70.8	131.4



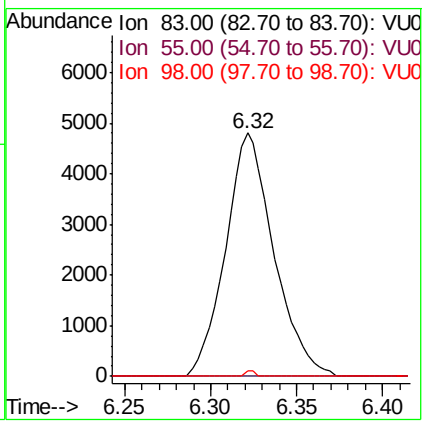


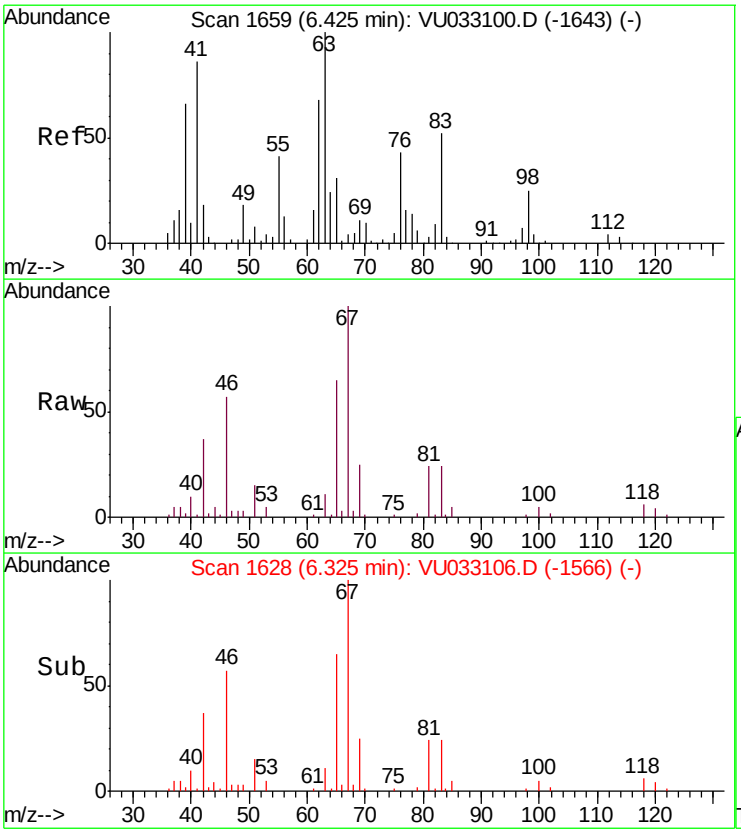
#35
Methylcyclohexane
Concen: 3.853 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Instrument :
MSVOA_U
ClientSampleId :
GAM25

Tgt Ion: 83 Resp: 9399

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.5	37.4	56.0#

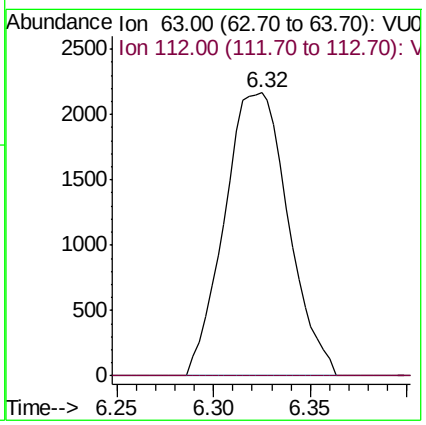


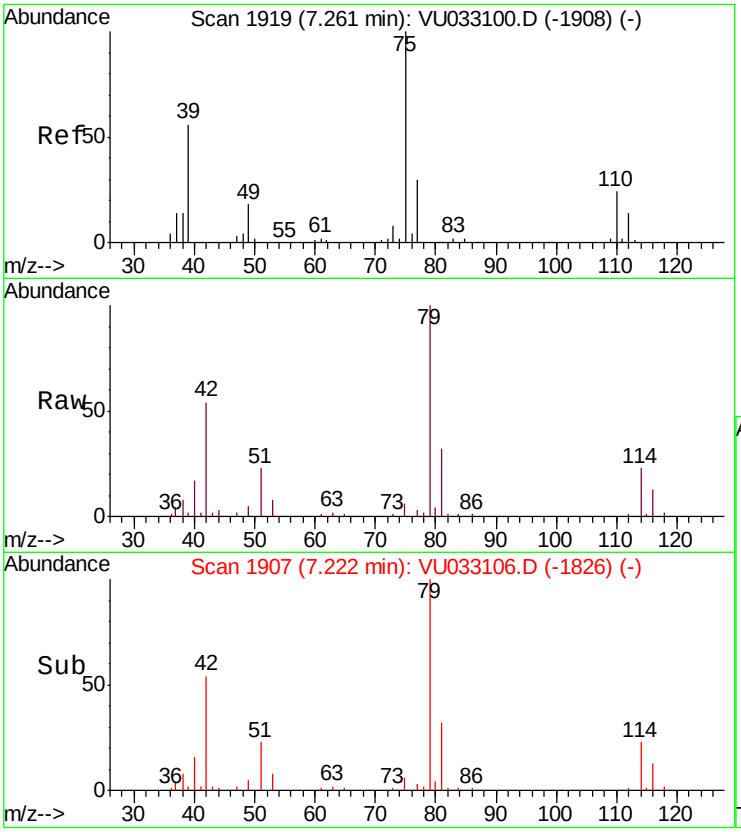


#37
1,2-Dichloropropane
Concen: 3.066 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Tgt Ion: 63 Resp: 4967

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



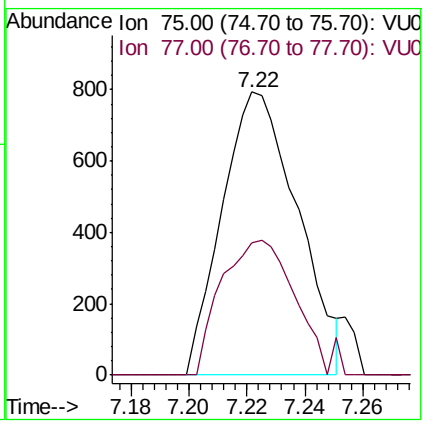


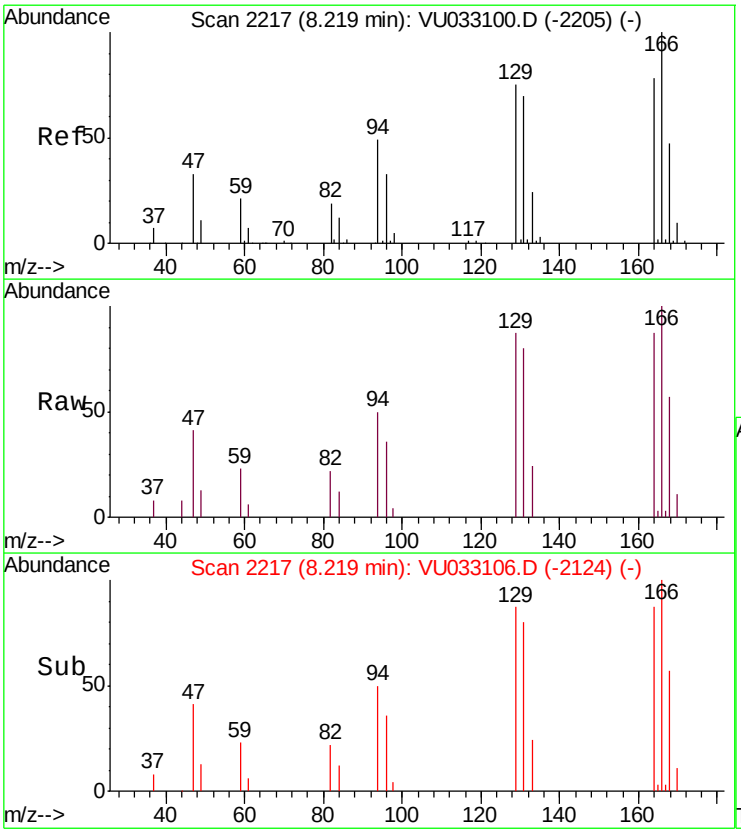
#39
cis-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion: 75 Resp: 1434

Ion	Ratio	Lower	Upper
75	100		
77	46.7	21.9	40.7#

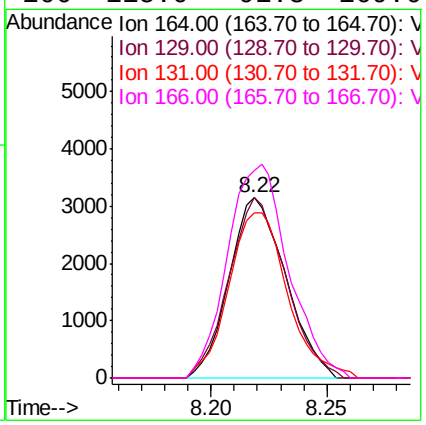


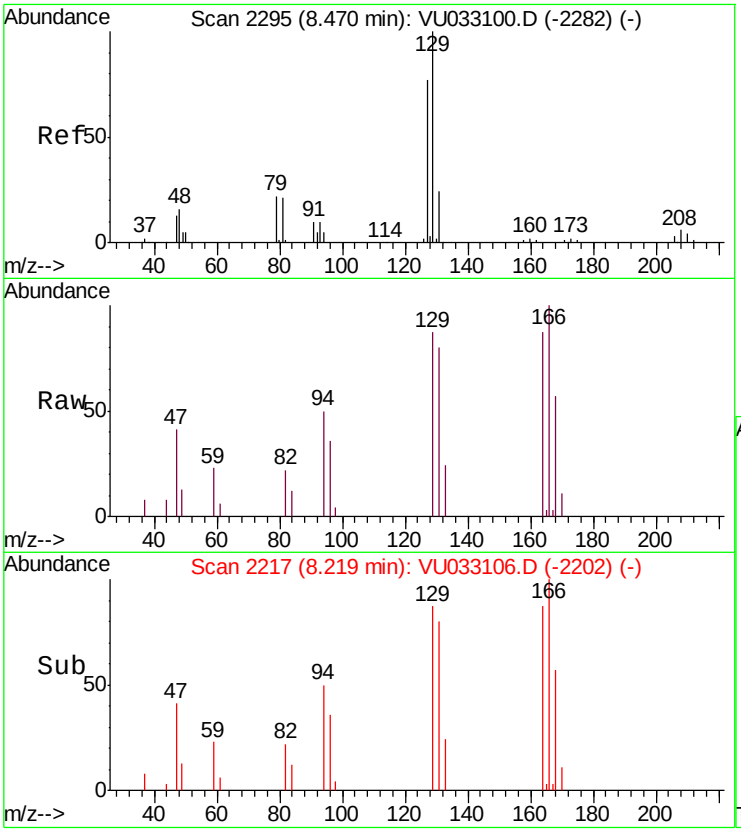


#46
Tetrachloroethene
Concen: 4.126 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Tgt Ion:164 Resp: 5336

Ion	Ratio	Lower	Upper
164	100		
129	100.4	64.8	120.3
131	91.7	64.5	119.7
166	115.0	91.3	169.6



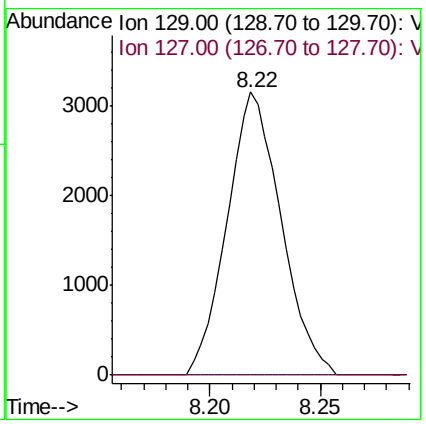


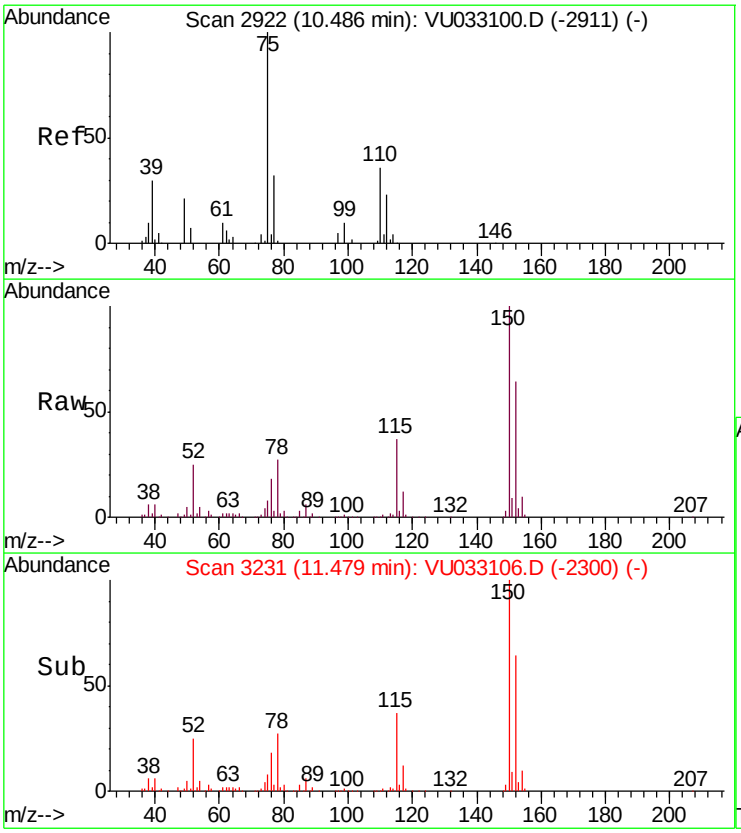
#49
Dibromochloromethane
Concen: 2.949 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Instrument : MSVOA_U
ClientSampleId : GAM25

Tgt Ion:129 Resp: 5362

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 6.040 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033106.D
Acq: 01 Jul 2019 11:40

Tgt Ion: 75 Resp: 13060

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.5	38.3