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

Quantitation Report (Not Reviewed)

Data File : VU033109.D
Acq On : 01 Jul 2019 12:49
Operator : JC/SP
Sample : K3599-21
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM28

Quant Time: Jul 02 04:20:36 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	211548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103958	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	58093	40.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.36%			
7) Chloroethane-d5	1.64	69	40583	35.20	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.40%			
11) 1,1-Dichloroethene-d2	2.22	63	101218	34.75	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.50%			
21) 2-Butanone-d5	4.19	46	134970	112.16	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.16%			
24) Chloroform-d	4.63	84	139205	49.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.06%			
26) 1,2-Dichloroethane-d4	5.30	65	99286	53.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.06%			
32) Benzene-d6	5.32	84	265198	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.26%			
36) 1,2-Dichloropropane-d6	6.32	67	89208	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.60%			
41) Toluene-d8	7.56	98	238617	45.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.52%			
43) trans-1,3-Dichloropropene-	7.85	79	41936	45.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.90%			
47) 2-Hexanone-d5	8.32	63	83105	100.35	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.35%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139683	50.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.88%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96925	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			

Target Compounds						Qvalue
6) Bromomethane	1.60	94	637	0.564	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	808	0.572	ug/L #	17
22) 2-Butanone	4.29	43	15425	8.954	ug/L	86
27) 1,2-Dichloroethane	5.32	62	1753	0.751	ug/L #	77
34) Trichloroethene	6.18	95	1107	0.673	ug/L	87
35) Methylcyclohexane	6.32	83	20291	7.985	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	10353	6.134	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	2268	0.918	ug/L	100
46) Tetrachloroethene	8.22	164	1052	0.781	ug/L	85
48) 2-Hexanone	8.32	43	12320	5.182	ug/L #	70
49) Dibromochloromethane	8.22	129	1052	0.556	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13578	6.028	ug/L	90

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

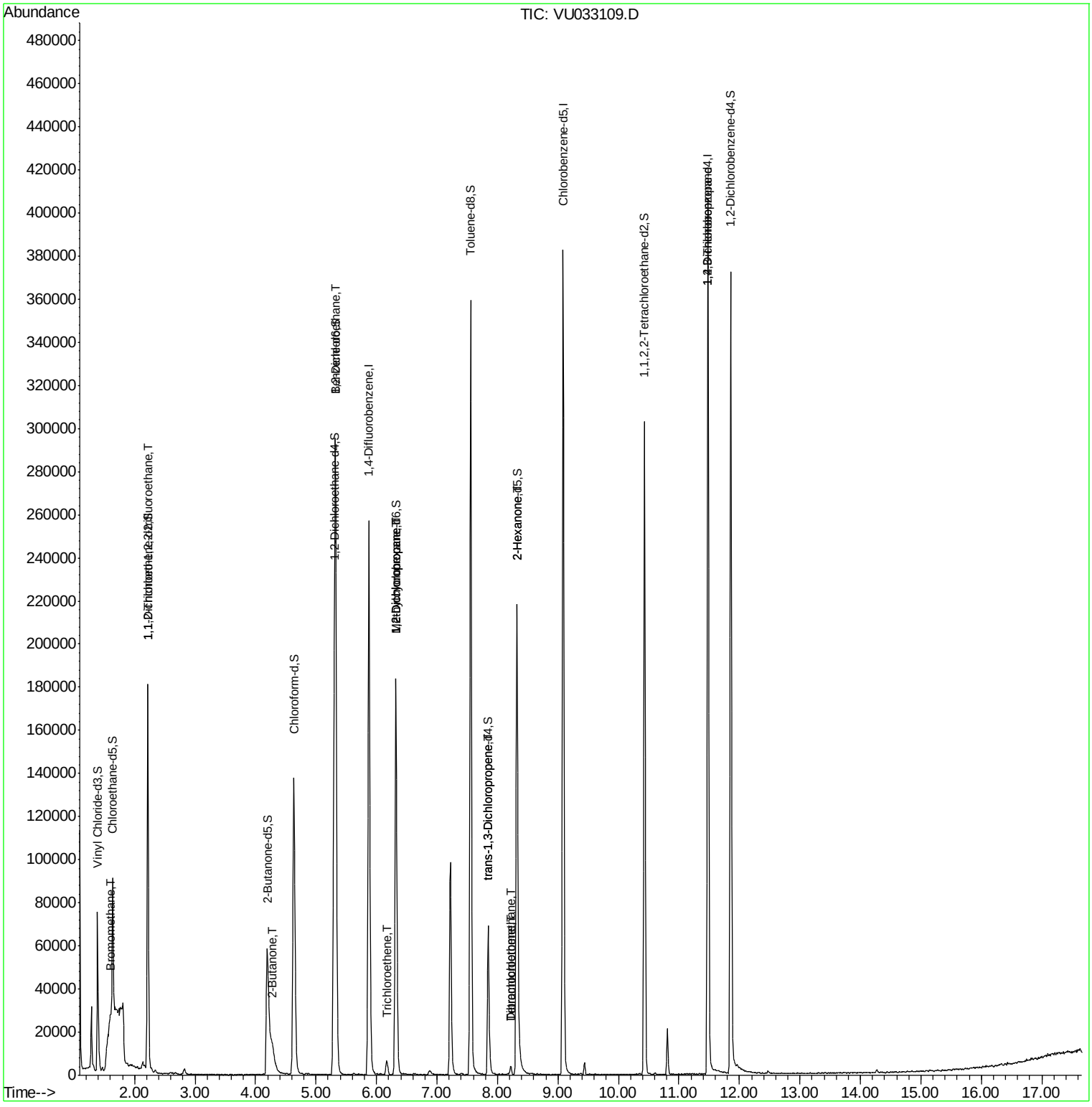
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\

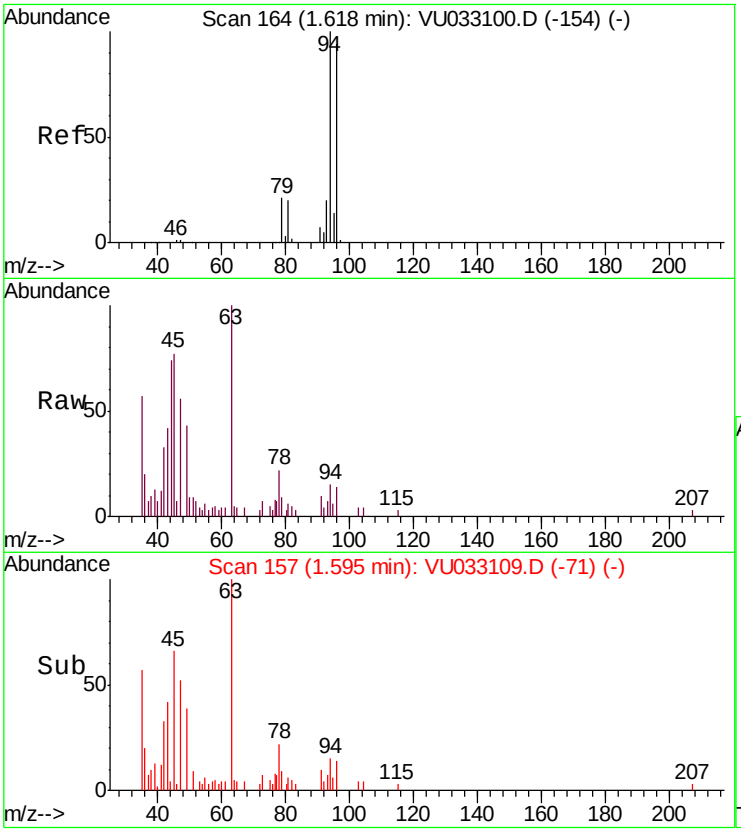
Quantitation Report (Not Reviewed)

Data File : VU033109.D
Acq On : 01 Jul 2019 12:49
Operator : JC/SP
Sample : K3599-21
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM28

Quant Time: Jul 02 04:20:36 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



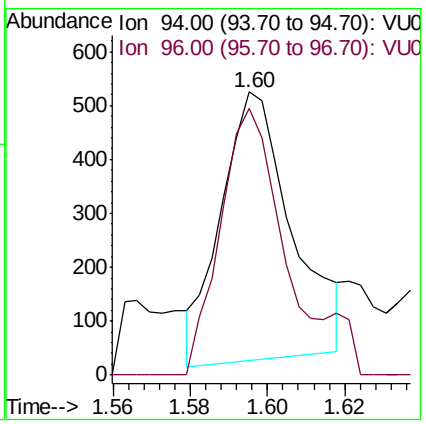


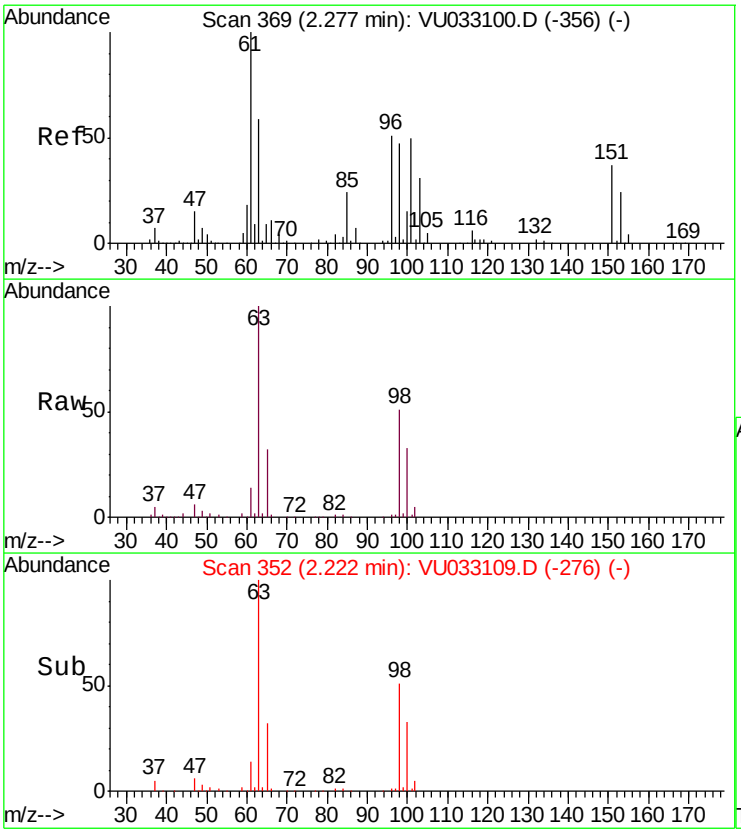
#6
Bromomethane
Concen: 0.564 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.02 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
GAM28

Tgt Ion: 94 Resp: 637

Ion	Ratio	Lower	Upper
94	100		
96	94.1	64.8	120.4

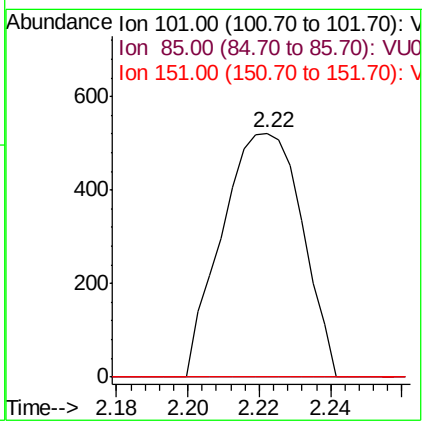


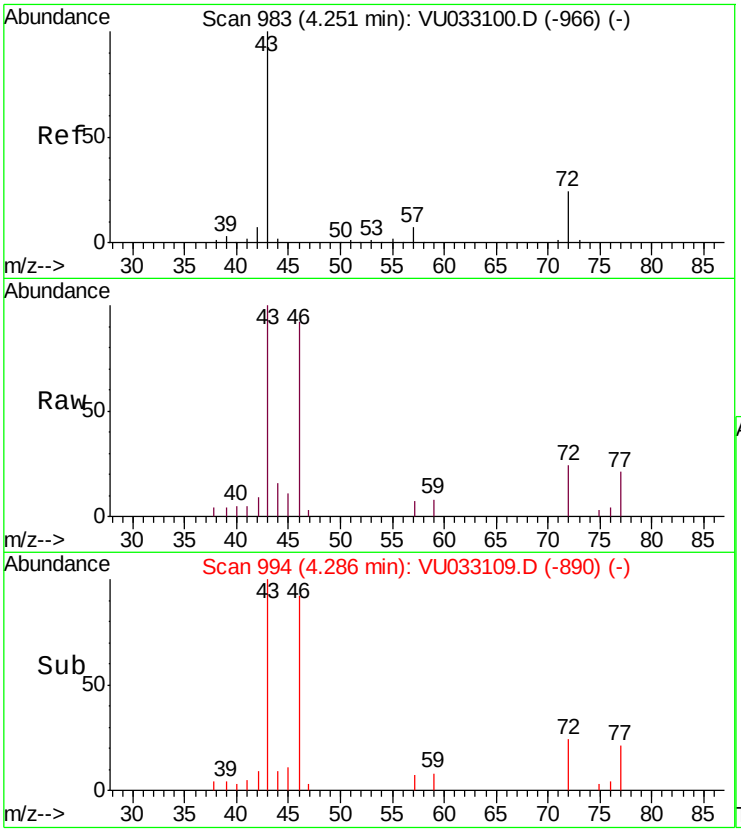


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.572 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.05 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Tgt Ion:101 Resp: 808

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



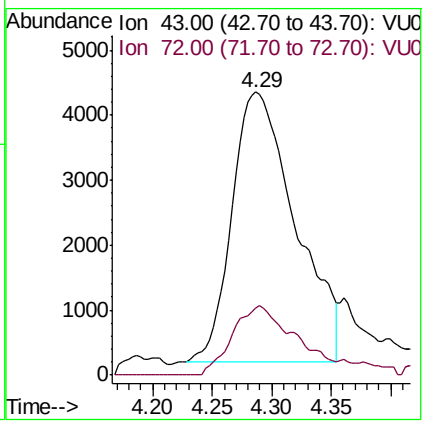


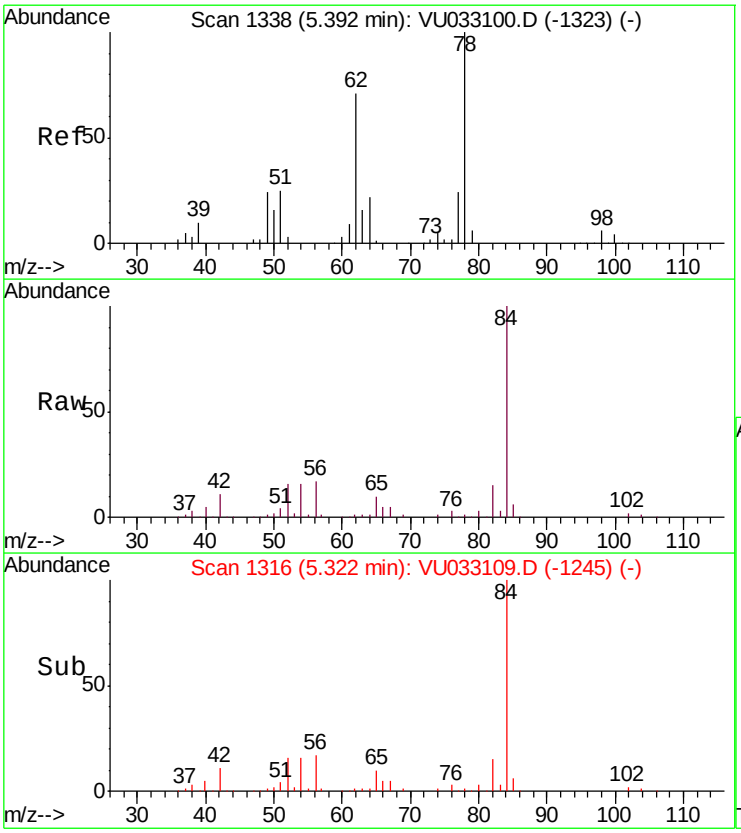
#22
2-Butanone
Concen: 8.954 ug/L
RT: 4.29 min Scan# 994
Delta R.T. 0.04 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Instrument : MSVOA_U
ClientSampleId : GAM28

Tgt Ion: 43 Resp: 15425

Ion	Ratio	Lower	Upper
43	100		
72	18.7	12.9	38.6

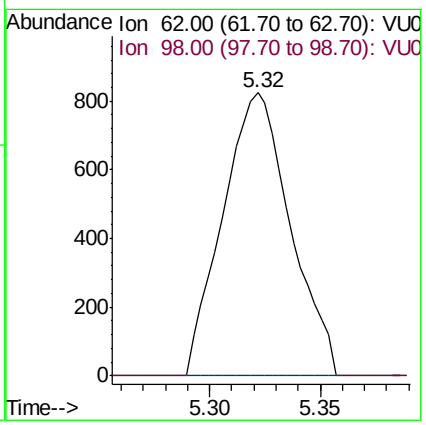


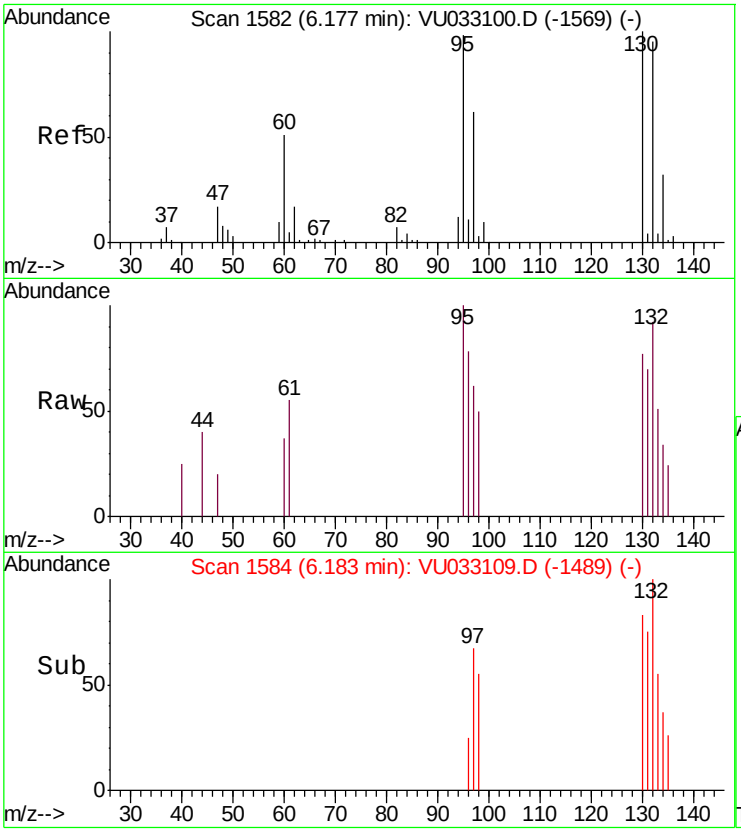


#27
1,2-Dichloroethane
Concen: 0.751 ug/L
RT: 5.32 min Scan# 1316
Delta R.T. -0.07 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Tgt Ion: 62 Resp: 1753

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



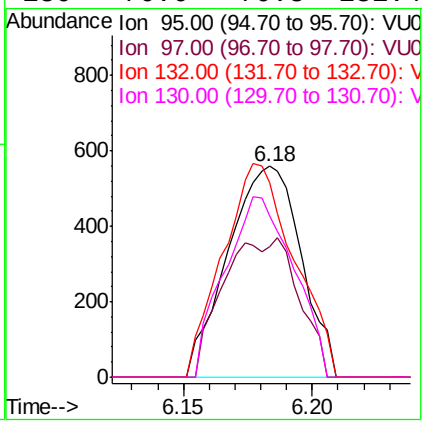


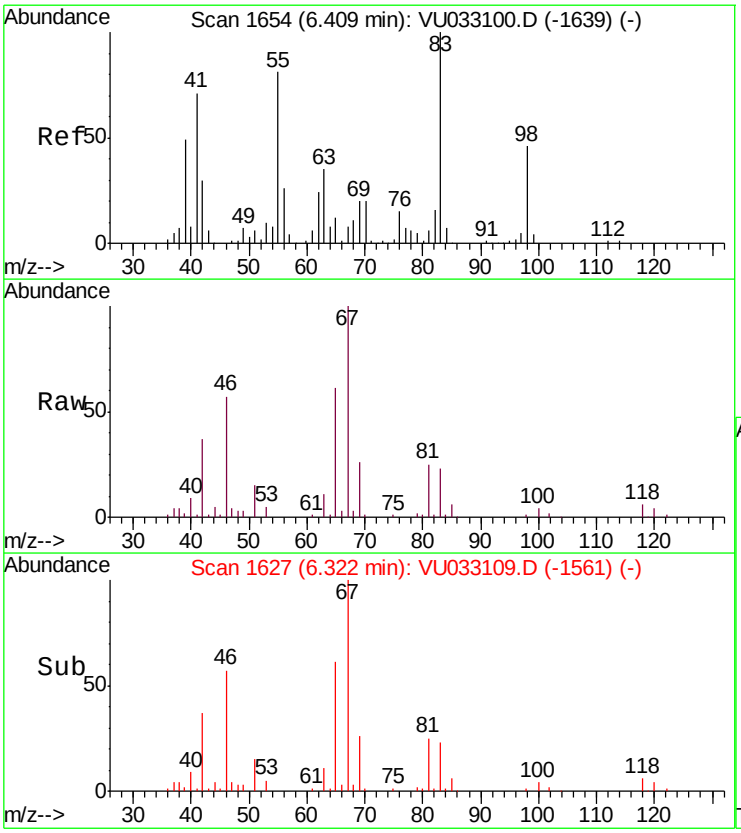
#34
Trichloroethene
Concen: 0.673 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
GAM28

Tgt Ion: 95 Resp: 1107

Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.9	85.3
132	92.5	68.5	127.3
130	76.6	70.8	131.4

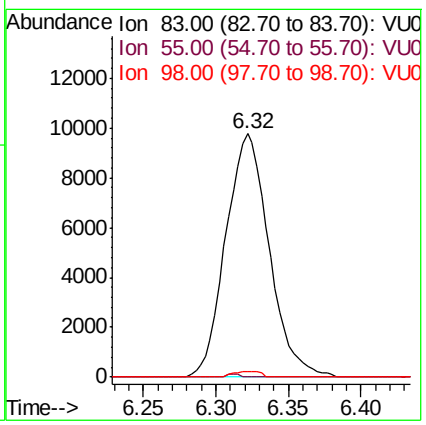


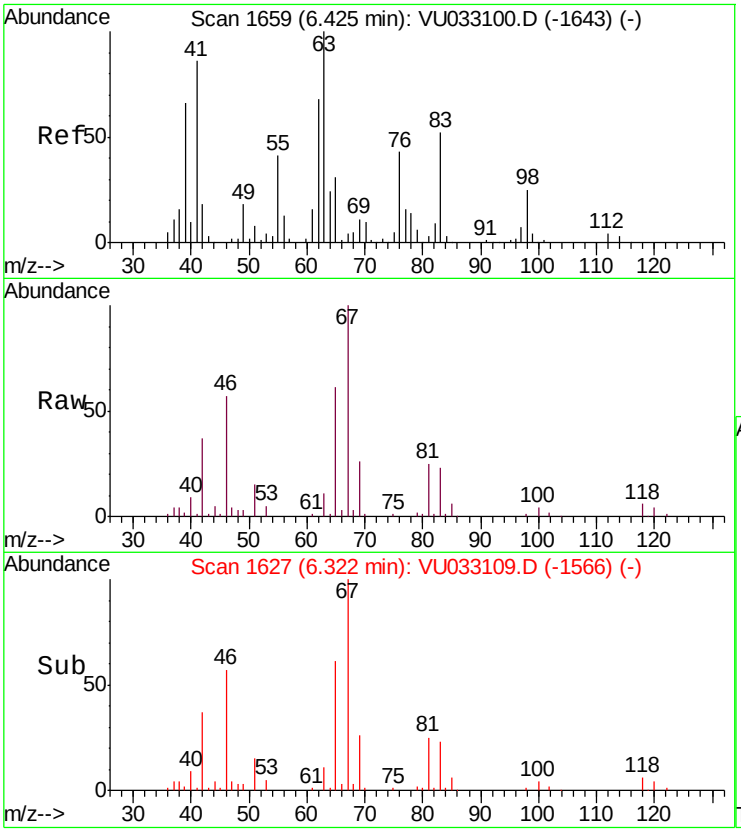


#35
Methylcyclohexane
Concen: 7.985 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Tgt Ion: 83 Resp: 20291

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	1.4	37.4	56.0#



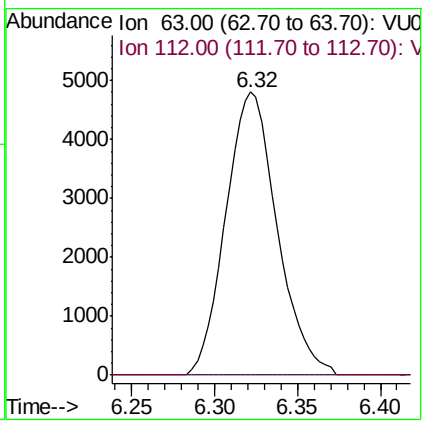


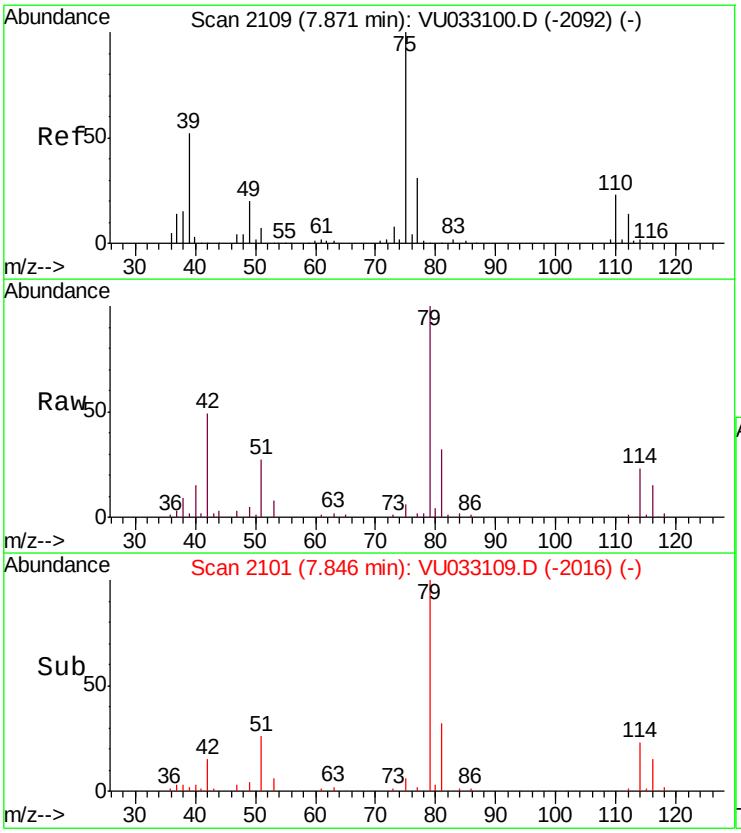
#37
1,2-Dichloropropane
Concen: 6.134 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Instrument : MSVOA_U
ClientSampleId : GAM28

Tgt Ion: 63 Resp: 10353

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

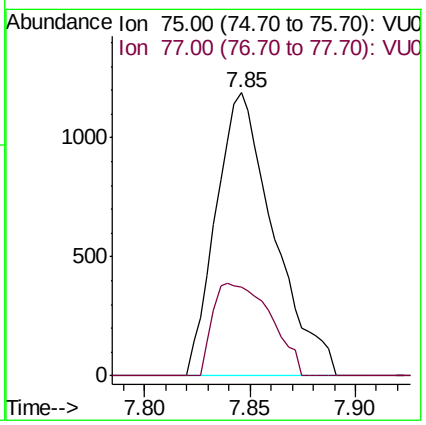


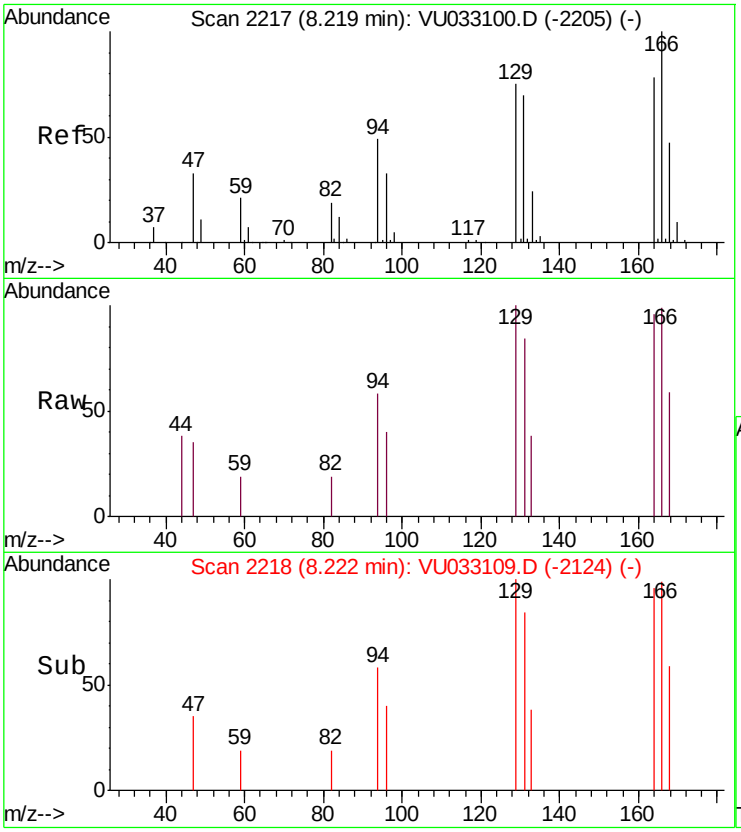


#44
trans-1,3-Dichloropropene
Concen: 0.918 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Tgt Ion: 75 Resp: 2268

Ion	Ratio	Lower	Upper
75	100		
77	31.3	21.8	40.4



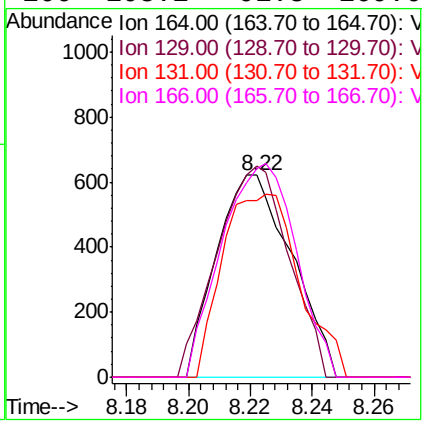


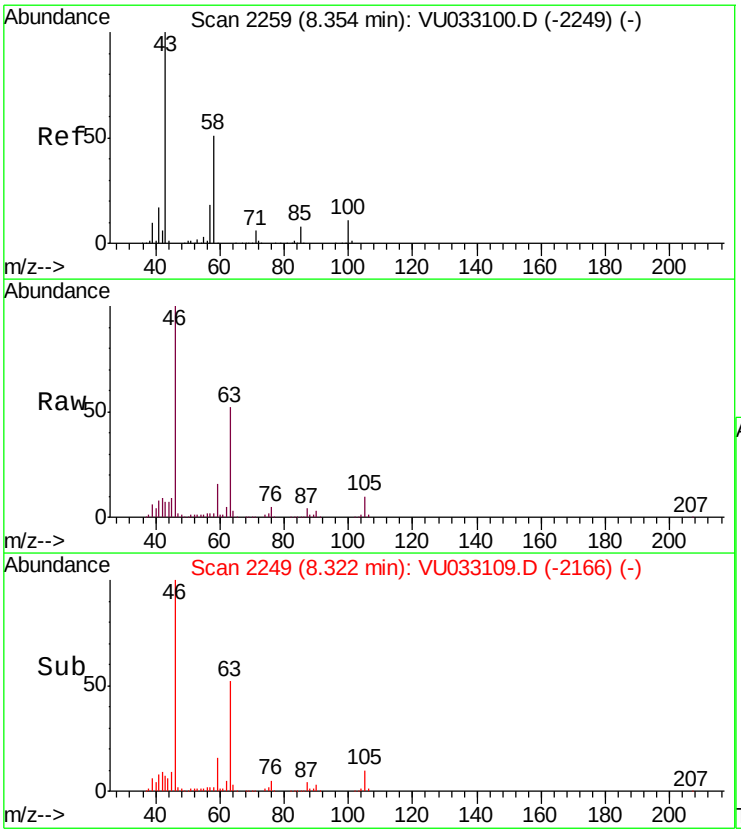
#46
Tetrachloroethene
Concen: 0.781 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
GAM28

Tgt Ion:164 Resp: 1052

Ion	Ratio	Lower	Upper
164	100		
129	104.3	64.8	120.3
131	87.3	64.5	119.7
166	103.1	91.3	169.6

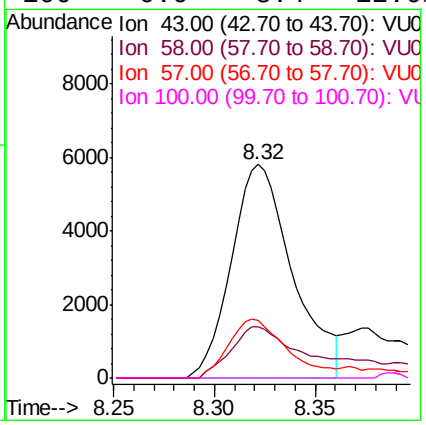


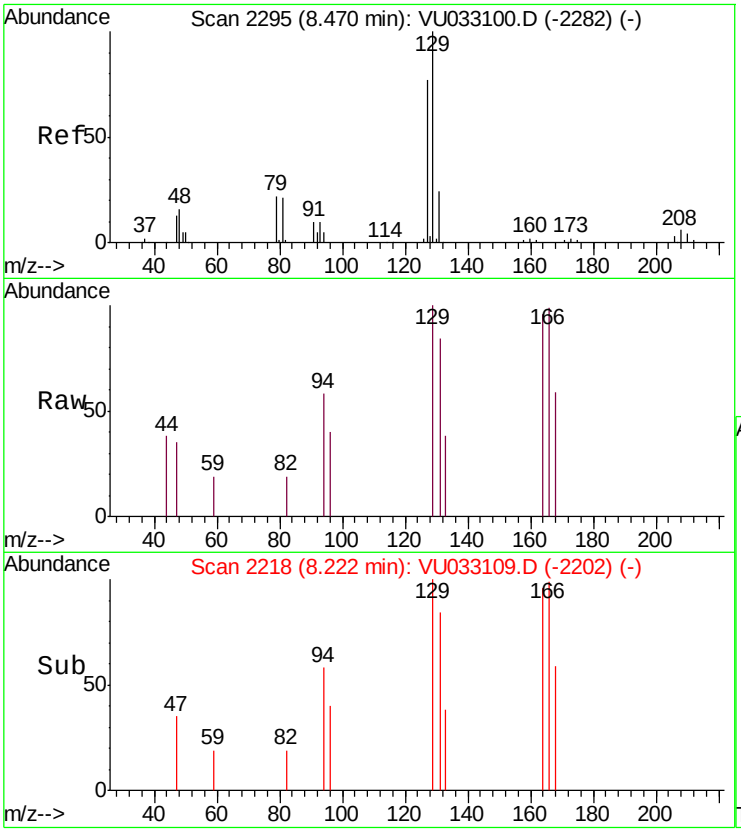


#48
2-Hexanone
Concen: 5.182 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.03 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Tgt Ion: 43 Resp: 12320

Ion	Ratio	Lower	Upper
43	100		
58	26.6	40.2	60.2#
57	26.1	14.2	21.4#
100	0.0	8.4	12.6#



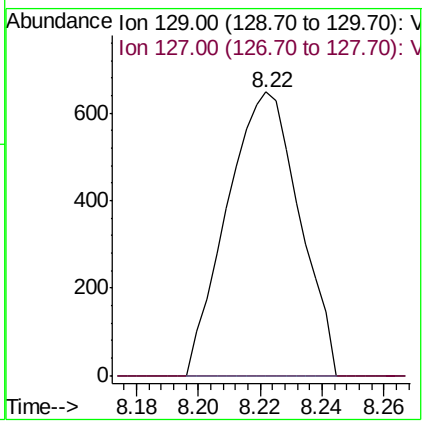


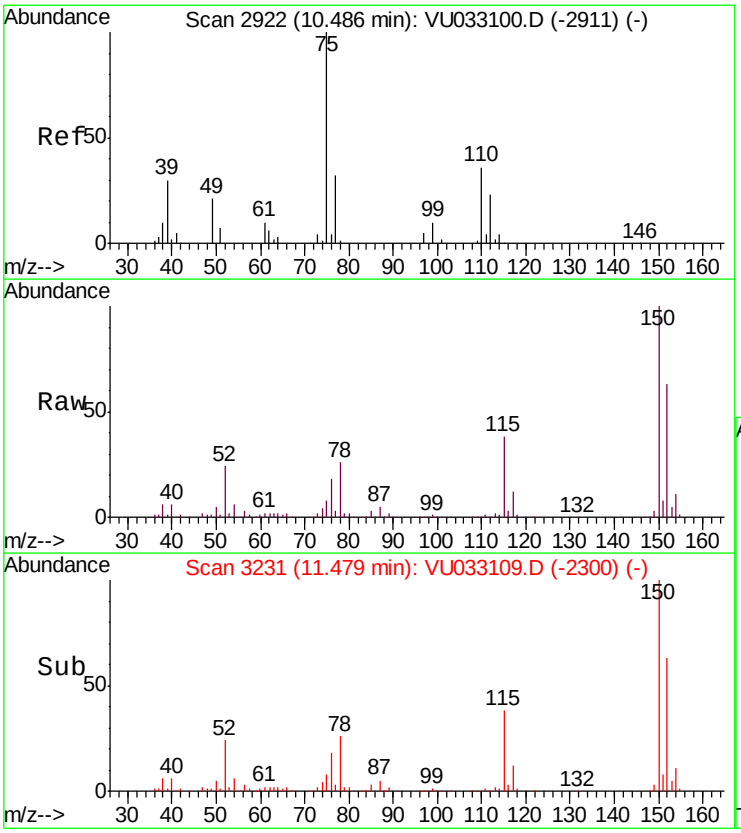
#49
Dibromochloromethane
Concen: 0.556 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
GAM28

Tgt Ion:129 Resp: 1052

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 6.028 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033109.D
Acq: 01 Jul 2019 12:49

Tgt Ion: 75 Resp: 13578

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.5	38.3