Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

Quantitation Report (Not Reviewed)

Data File : VU033649.D
Acq On : 08 Aug 2019 19:43
Operator : JC/SP
Sample : K4161-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOD7MSD

Quant Time: Aug 09 07:44:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	282743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130492	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	140186	43.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.84%			
7) Chloroethane-d5	1.67	69	124201	45.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.94%			
11) 1,1-Dichloroethene-d2	2.26	63	232629	45.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.16%			
21) 2-Butanone-d5	4.15	46	240752	102.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.99%			
24) Chloroform-d	4.62	84	241735	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.29	65	166141	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.42%			
32) Benzene-d6	5.32	84	498143	47.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.88%			
36) 1,2-Dichloropropane-d6	6.31	67	162876	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.58%			
41) Toluene-d8	7.55	98	439184	45.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.48%			
43) trans-1,3-Dichloropropene-	7.83	79	75617	46.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.54%			
47) 2-Hexanone-d5	8.29	63	168271	100.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.67%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	243890	46.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	175788	49.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.62%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1819	0.868	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	93980	46.988	ug/L	93
13) Acetone	2.31	43	4500	2.830	ug/L	97
27) 1,2-Dichloroethane	5.36	62	4499	1.363	ug/L #	74
33) Benzene	5.37	78	439581	49.453	ug/L	100
34) Trichloroethene	6.17	95	109367	47.968	ug/L	97
42) Toluene	7.62	91	468939	49.193	ug/L	100
44) trans-1,3-Dichloropropene	7.83	75	3349	0.995	ug/L	84
48) 2-Hexanone	8.29	43	18864	6.565	ug/L #	71
51) Chlorobenzene	9.10	112	302735	48.558	ug/L	100
59) 1,2,3-Trichloropropane	11.47	75	16012	4.881	ug/L	93

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

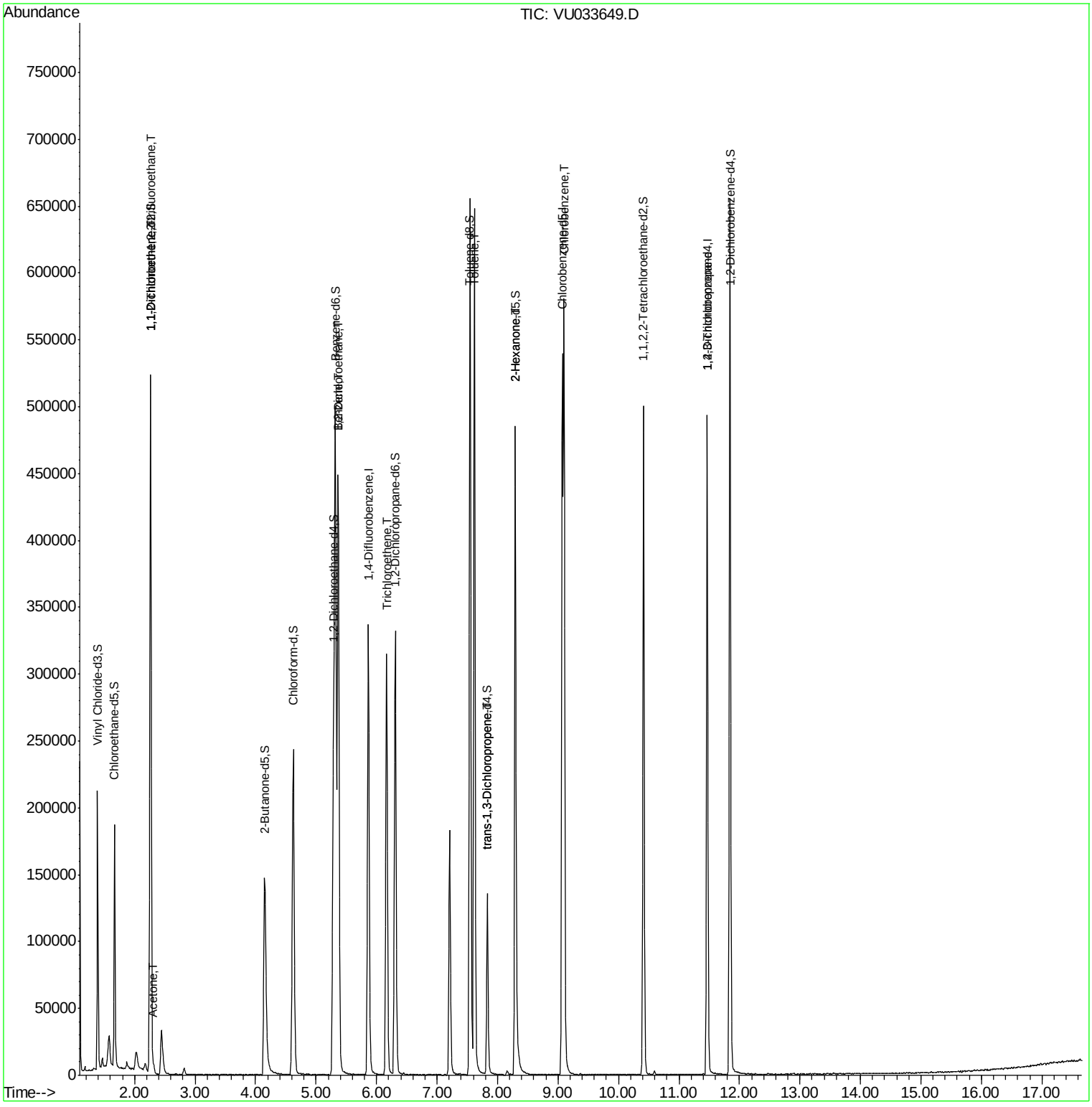
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

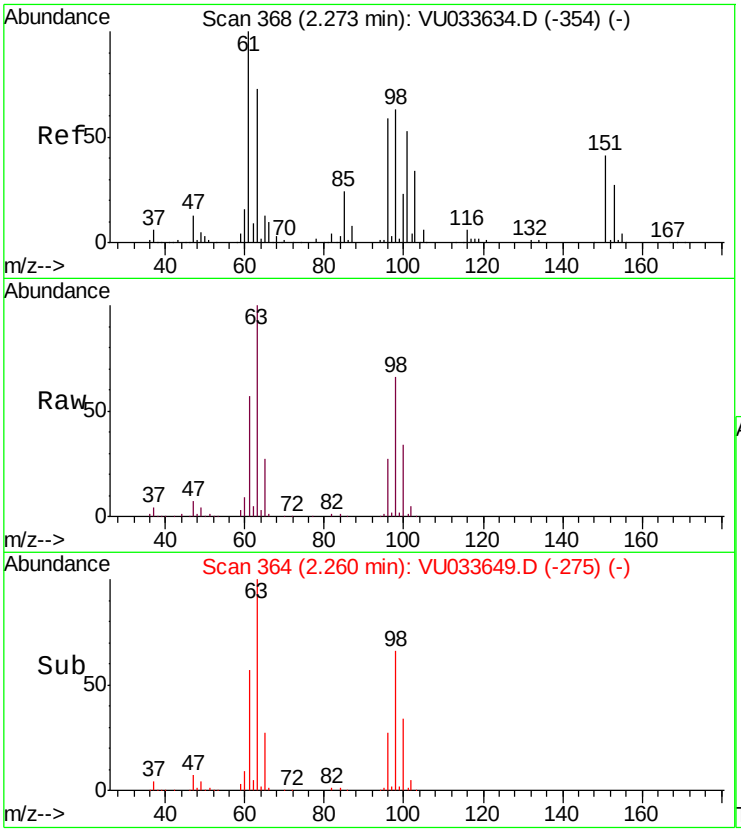
Quantitation Report (Not Reviewed)

Data File : VU033649.D
Acq On : 08 Aug 2019 19:43
Operator : JC/SP
Sample : K4161-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOD7MSD

Quant Time: Aug 09 07:44:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration



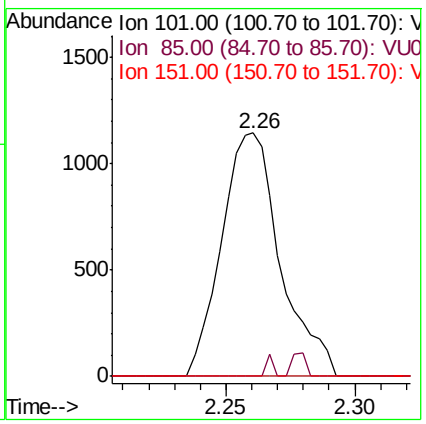


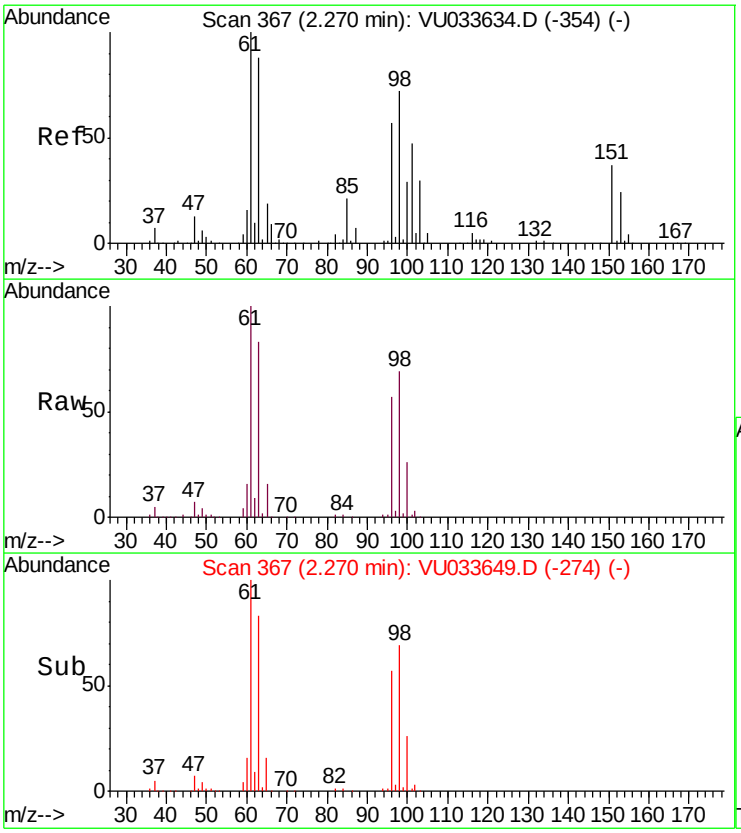
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.868 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Tgt Ion:101 Resp: 1819

Ion	Ratio	Lower	Upper
101	100		
85	2.3	34.8	52.2#
151	0.0	60.4	90.6#

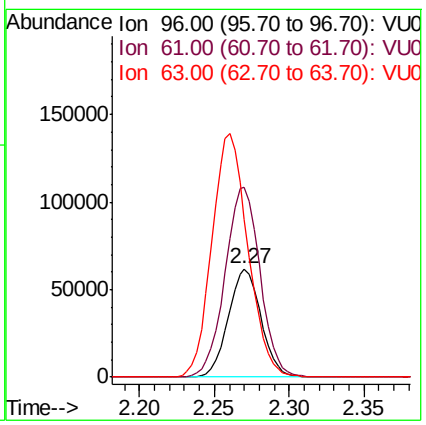


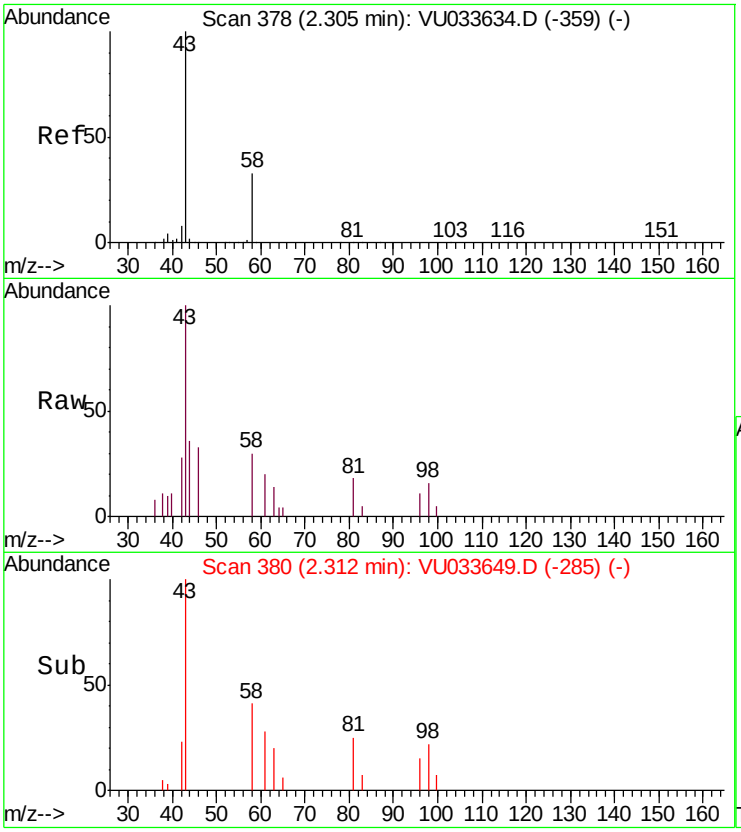


#12
1,1-Dichloroethene
Concen: 46.988 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Tgt Ion: 96 Resp: 93980

Ion	Ratio	Lower	Upper
96	100		
61	176.2	124.0	230.2
63	145.9	114.9	213.5



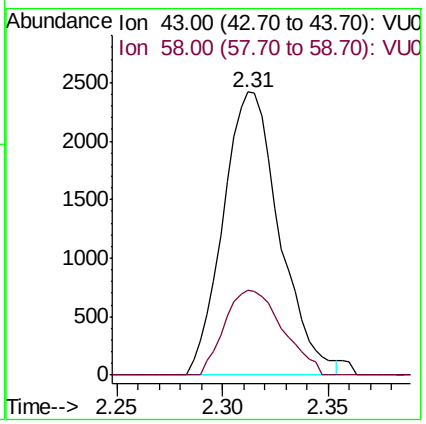


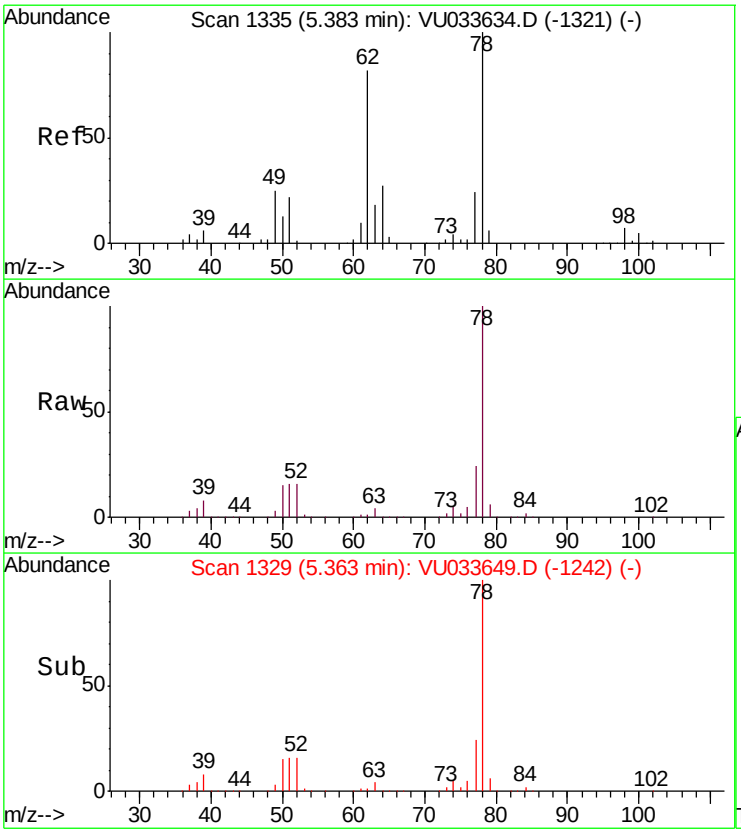
#13
Acetone
Concen: 2.830 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.01 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Tgt Ion: 43 Resp: 4500

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	65.0

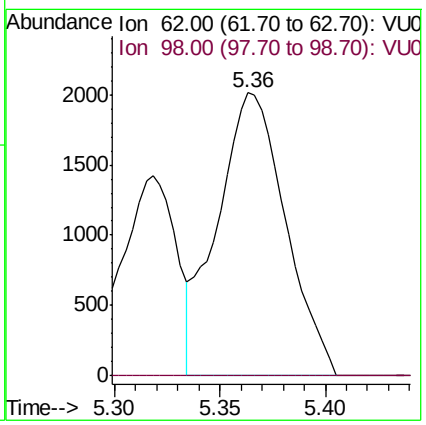


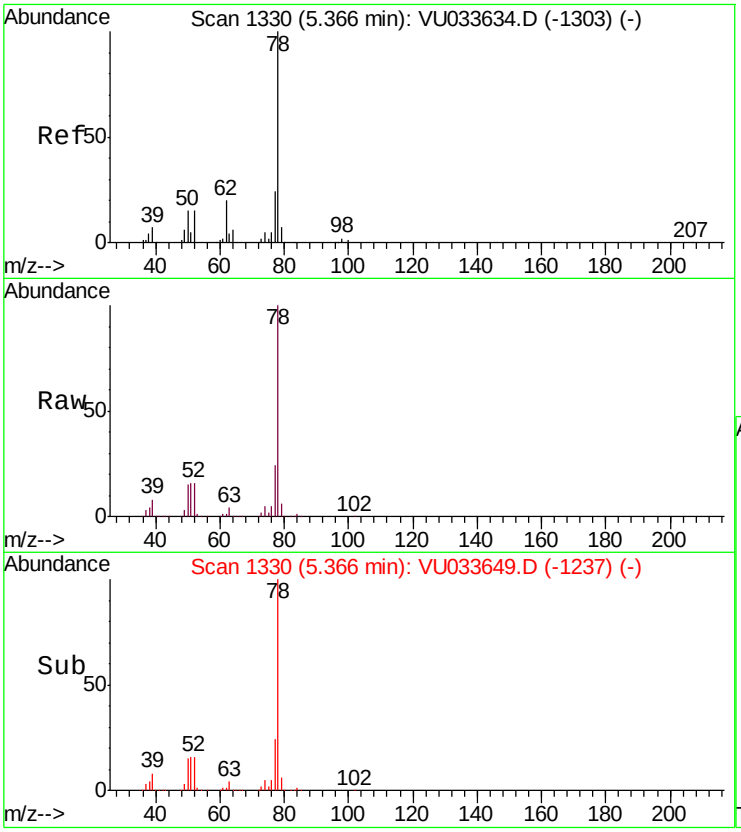


#27
1,2-Dichloroethane
Concen: 1.363 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Tgt Ion: 62 Resp: 4499

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#

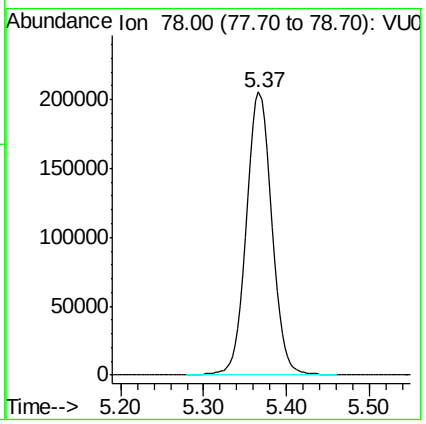


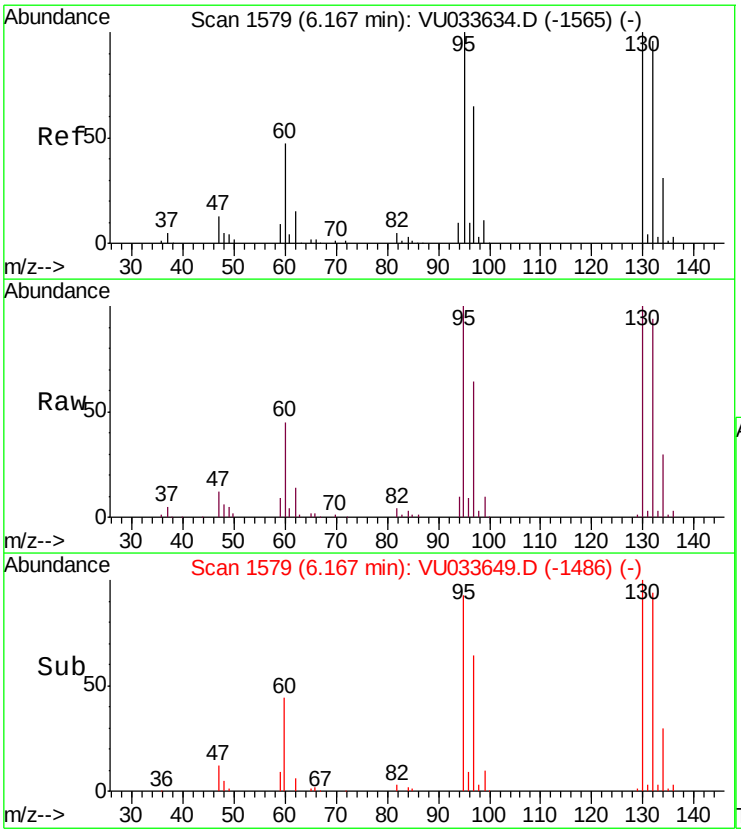


#33
Benzene
Concen: 49.453 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Tgt Ion: 78 Resp: 439581

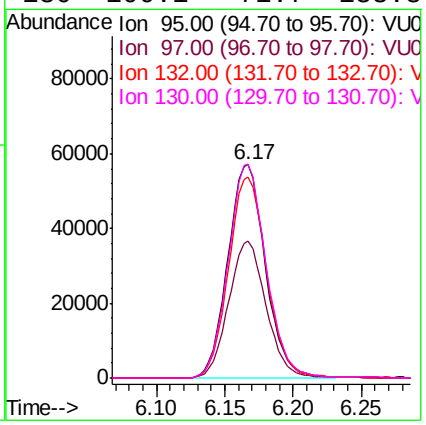


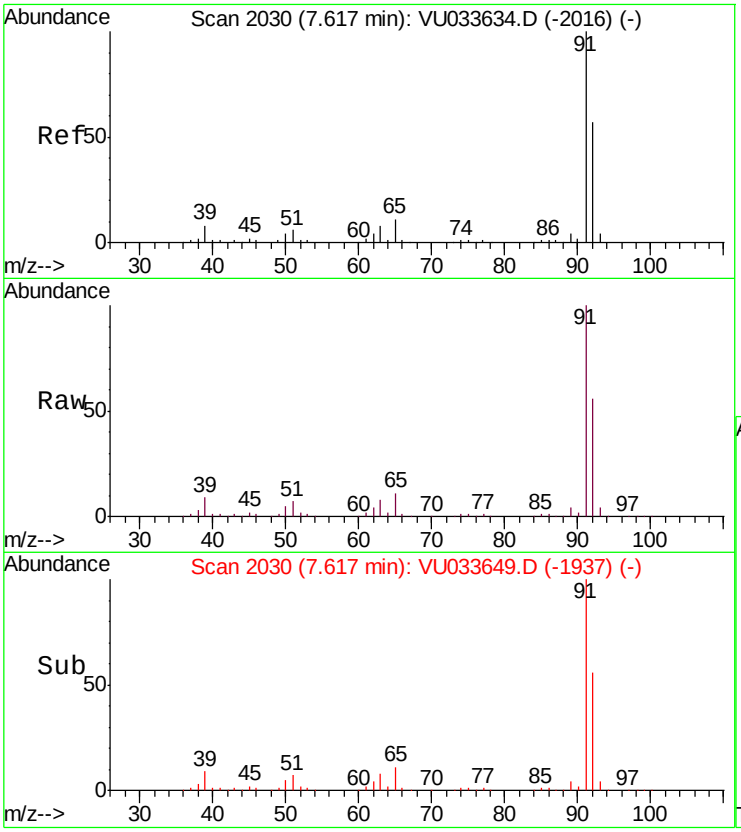


#34
Trichloroethene
Concen: 47.968 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Tgt Ion: 95 Resp: 109367

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.5
132	93.9	69.1	128.3
130	100.1	71.7	133.3



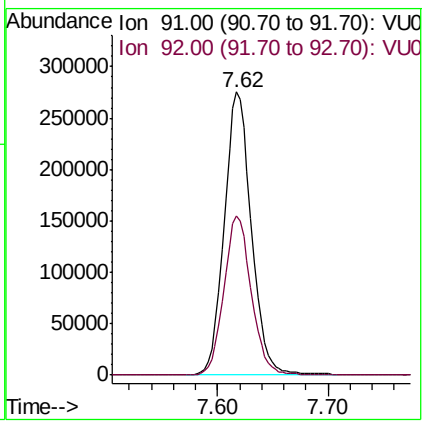


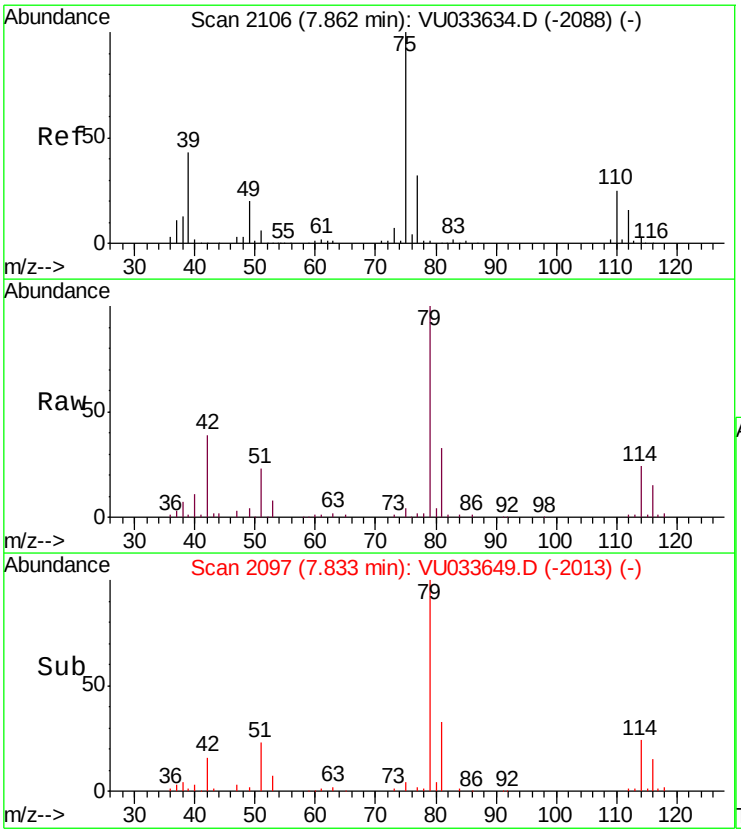
#42
Toluene
Concen: 49.193 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Tgt Ion: 91 Resp: 468939

Ion	Ratio	Lower	Upper
91	100		
92	56.3	39.6	73.6

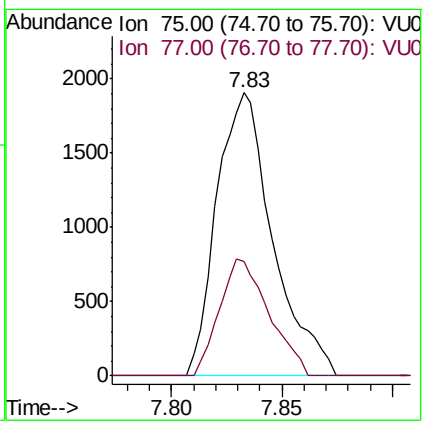


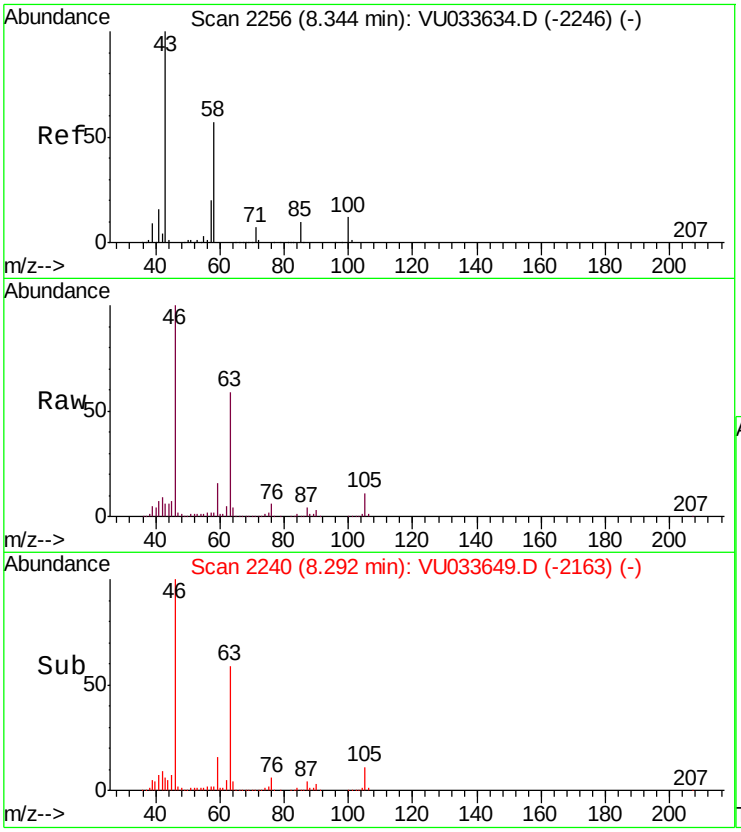


#44
trans-1,3-Dichloropropene
Concen: 0.995 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Tgt Ion: 75 Resp: 3349

Ion	Ratio	Lower	Upper
75	100		
77	40.6	22.3	41.3



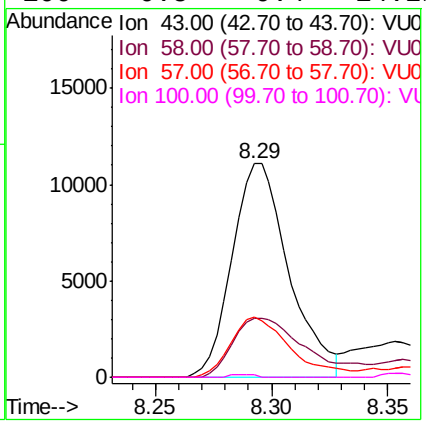


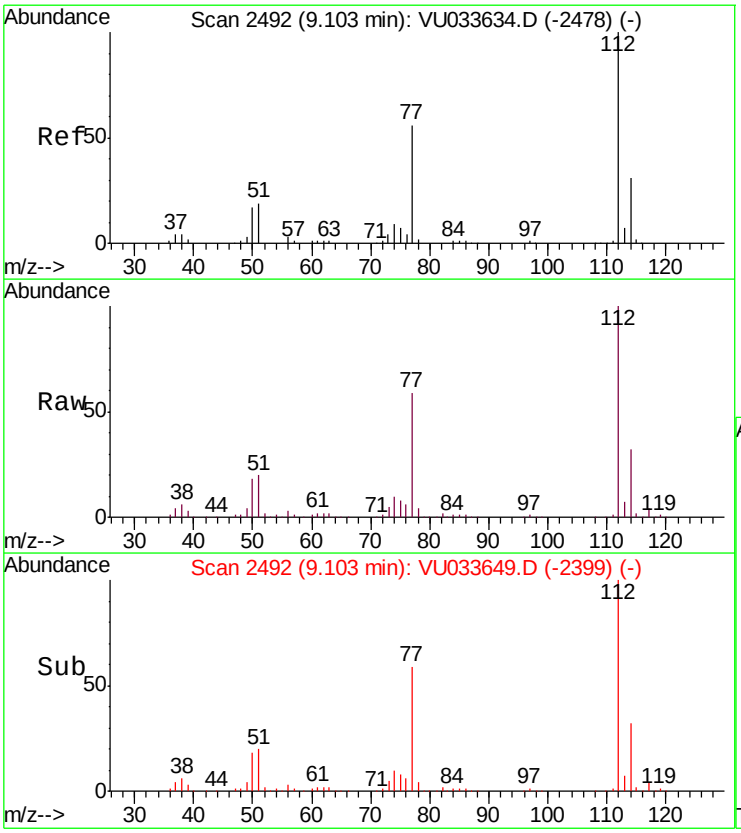
#48
2-Hexanone
Concen: 6.565 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Instrument : MSVOA_U
ClientSampleId : ETOD7MSD

Tgt Ion: 43 Resp: 18864

Ion	Ratio	Lower	Upper
43	100		
58	33.0	44.8	67.2#
57	29.6	15.5	23.3#
100	0.5	9.4	14.2#

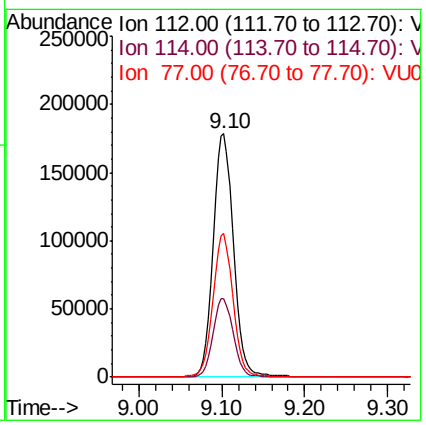


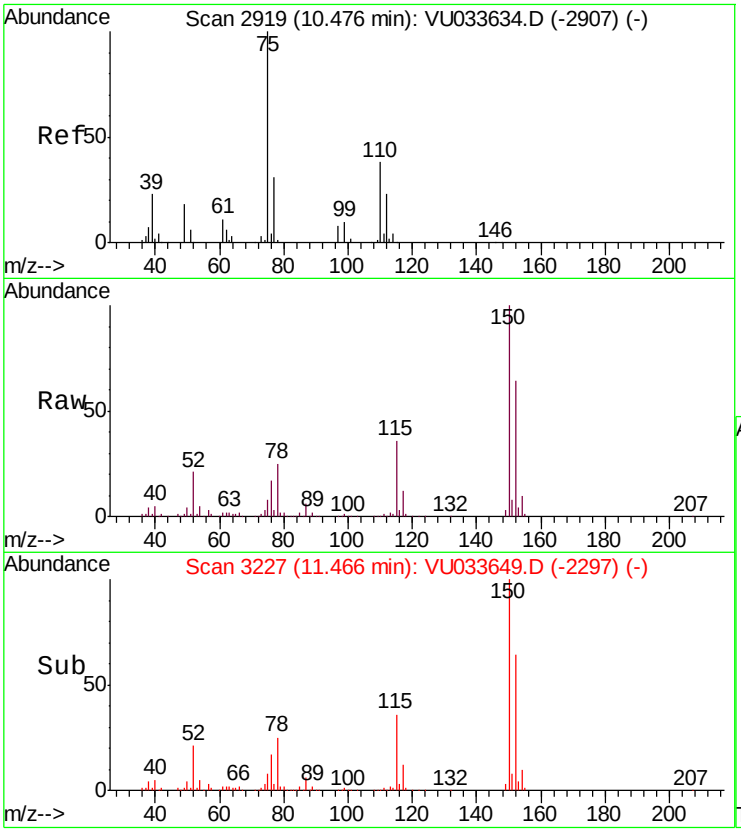


#51
Chlorobenzene
Concen: 48.558 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Tgt Ion:112 Resp: 302735

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	58.9	47.2	70.8





#59
1,2,3-Trichloropropane
Concen: 4.881 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Tgt Ion: 75 Resp: 16012

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.5	38.3