Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

Quantitation Report (Not Reviewed)

Data File : VU032650.D
Acq On : 12 Jun 2019 14:33
Operator : JC/SP
Sample : K3293-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8R2DL

Quant Time: Jun 13 05:05:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	167493	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	159782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80075	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58206	53.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.12%			
7) Chloroethane-d5	1.68	69	46414	53.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.30%			
11) 1,1-Dichloroethene-d2	2.27	63	86338	40.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.16%			
21) 2-Butanone-d5	4.17	46	92952	102.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.21%			
24) Chloroform-d	4.64	84	105578	52.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.18%			
26) 1,2-Dichloroethane-d4	5.31	65	69457	54.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.80%			
32) Benzene-d6	5.33	84	214946	51.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.64%			
36) 1,2-Dichloropropane-d6	6.32	67	67953	52.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.48%			
41) Toluene-d8	7.56	98	196912	50.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.12%			
43) trans-1,3-Dichloropropene-	7.85	79	30668	49.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.54%			
47) 2-Hexanone-d5	8.31	63	65693	104.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96080	50.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.96%			
64) 1,2-Dichlorobenzene-d4	11.85	152	80145	52.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.50%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	733	0.716	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	577	0.581	ug/L #	1
13) Acetone	2.32	43	1069	1.139	ug/L	63
27) 1,2-Dichloroethane	5.33	62	1334	0.833	ug/L #	75
34) Trichloroethene	6.18	95	68302	55.922	ug/L	97
35) Methylcyclohexane	6.32	83	15321	7.748	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7552	6.346	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2062	1.098	ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	1592	0.955	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	9131	5.902	ug/L #	87

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

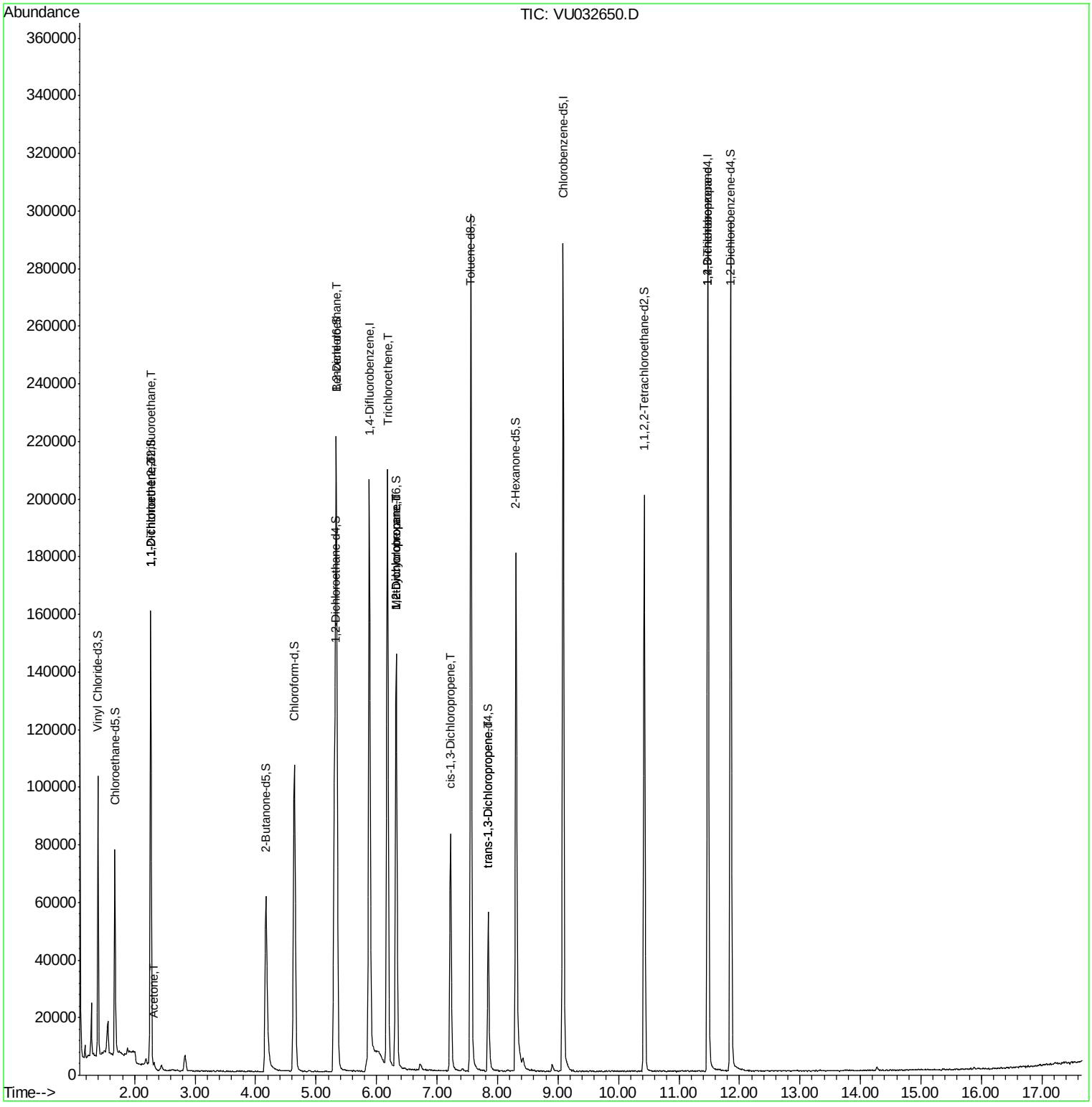
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061219\

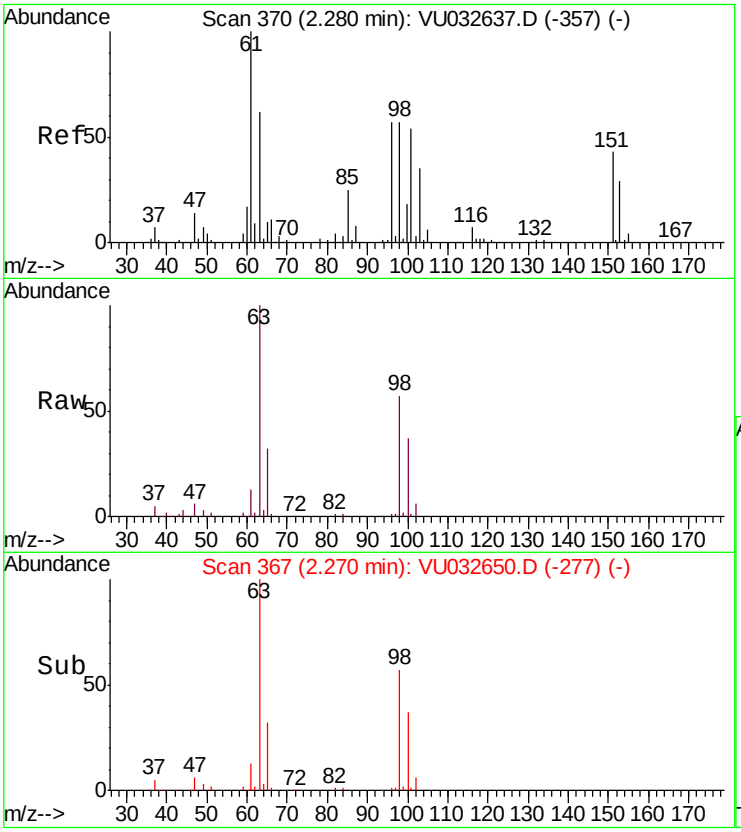
Quantitation Report (Not Reviewed)

Data File : VU032650.D
Acq On : 12 Jun 2019 14:33
Operator : JC/SP
Sample : K3293-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8R2DL

Quant Time: Jun 13 05:05:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration



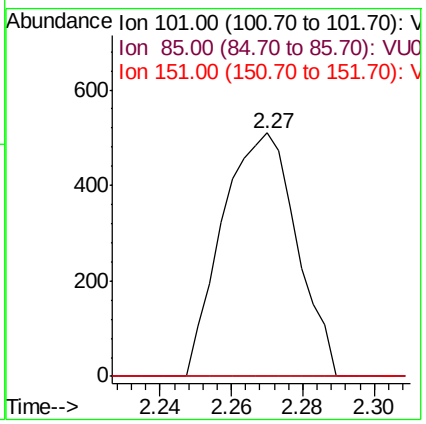


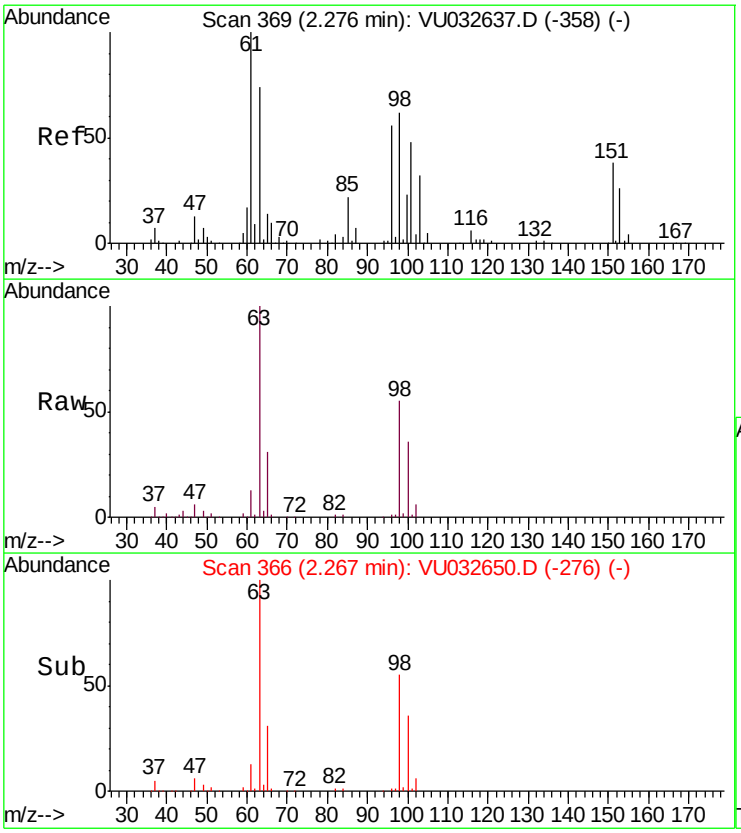
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.716 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Instrument : MSVOA_U
ClientSampleId : DB8R2DL

Tgt Ion:101 Resp: 733

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	63.0	94.4#

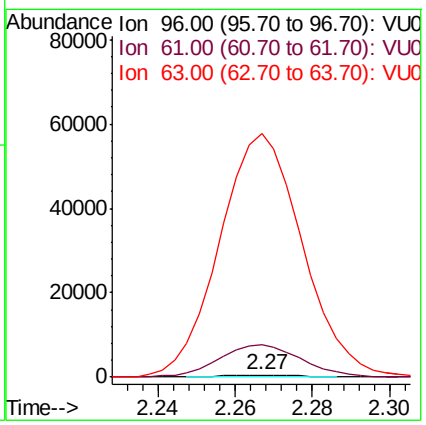


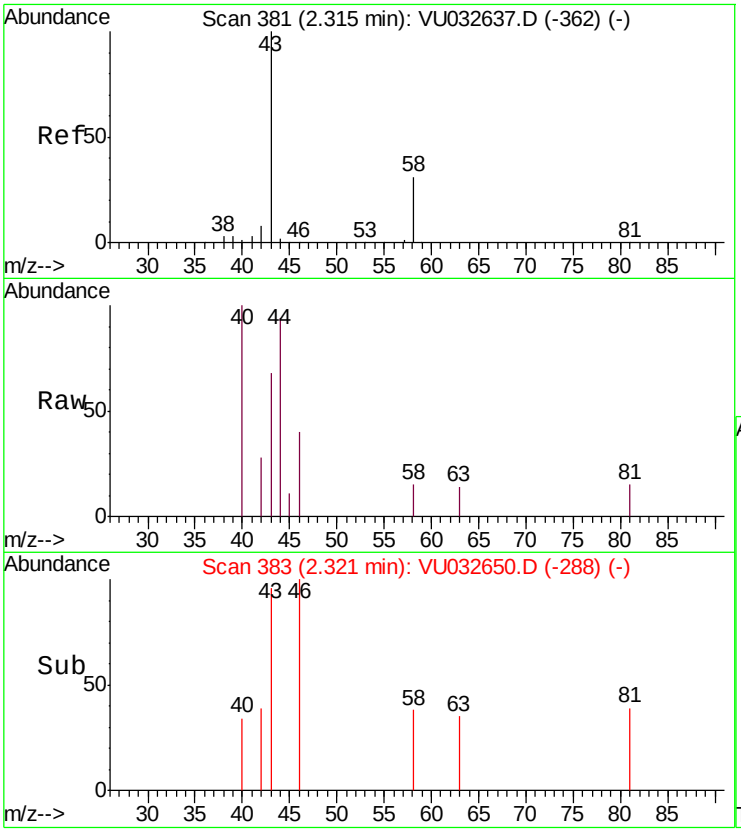


#12
1,1-Dichloroethene
Concen: 0.581 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Tgt Ion: 96 Resp: 577

Ion	Ratio	Lower	Upper
96	100		
61	1825.4	129.5	240.5#
63	13845.6	103.4	192.0#



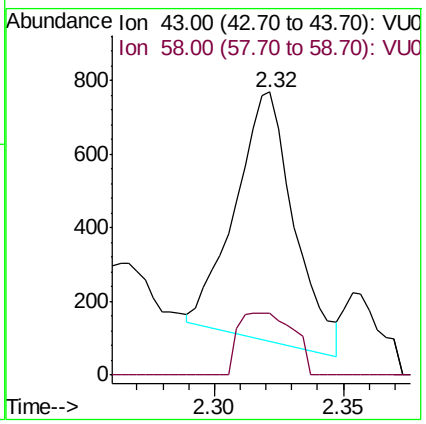


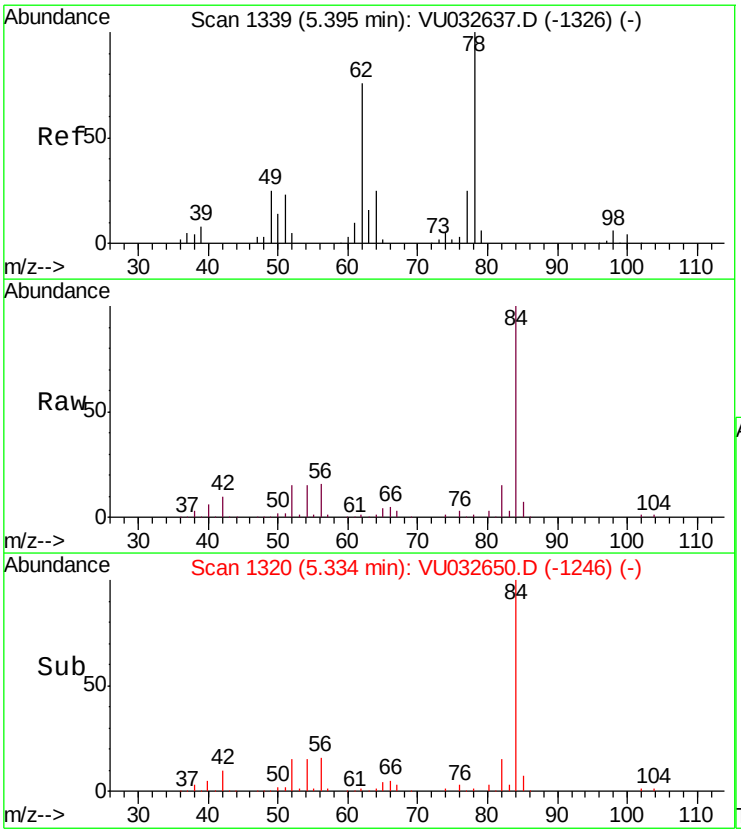
#13
Acetone
Concen: 1.139 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Instrument : MSVOA_U
ClientSampleId : DB8R2DL

Tgt Ion: 43 Resp: 1069

Ion	Ratio	Lower	Upper
43	100		
58	11.3	0.0	64.0

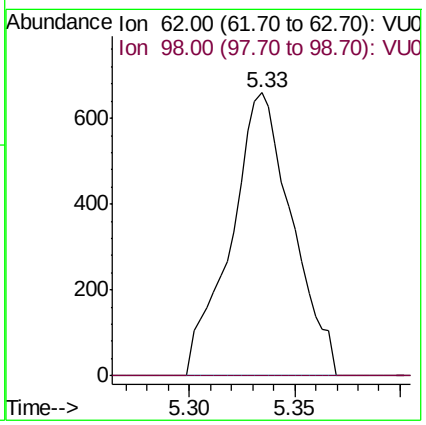


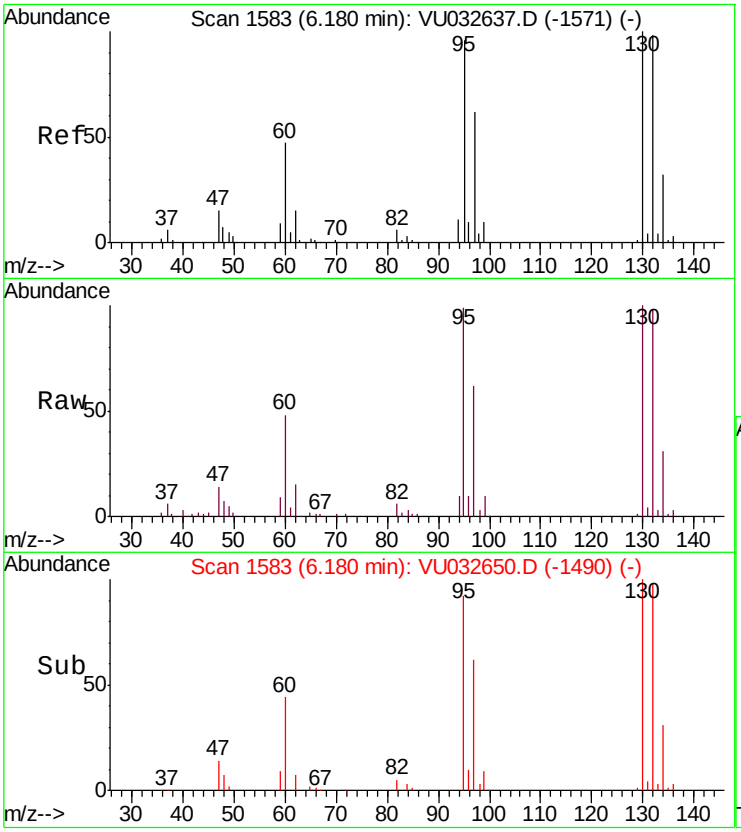


#27
1,2-Dichloroethane
Concen: 0.833 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Tgt Ion: 62 Resp: 1334

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



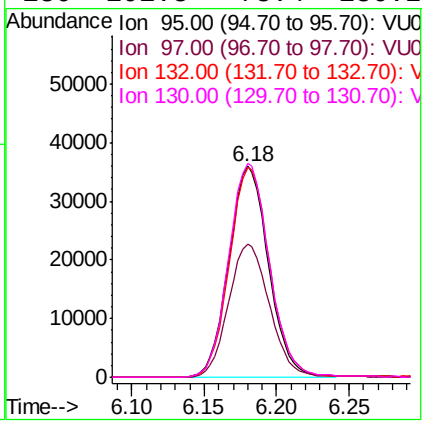


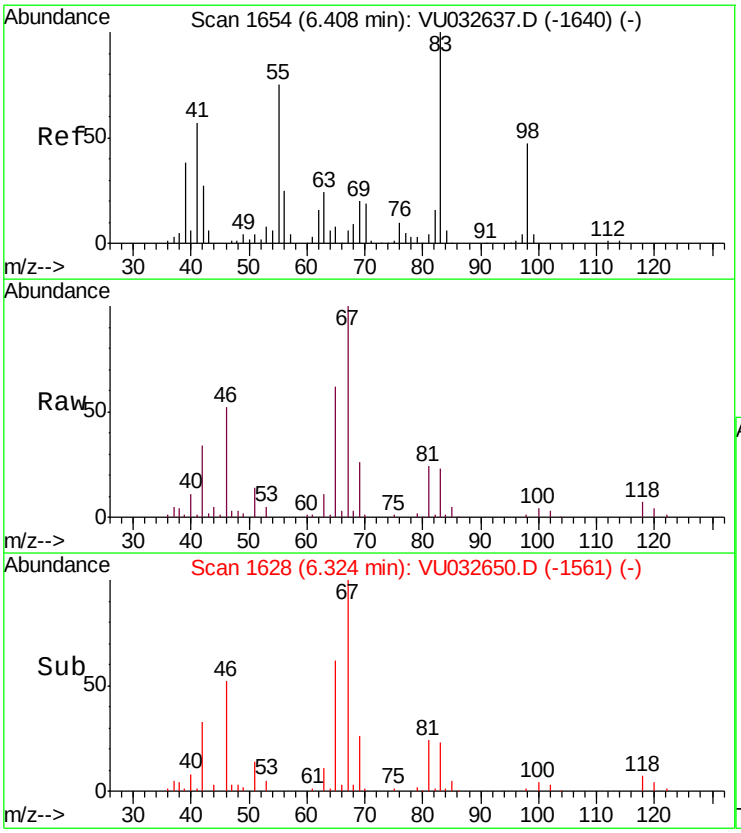
#34
Trichloroethene
Concen: 55.922 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Instrument :
MSVOA_U
ClientSampleId :
DB8R2DL

Tgt Ion: 95 Resp: 68302

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.8	85.2
132	99.6	71.0	131.8
130	101.3	73.4	136.2

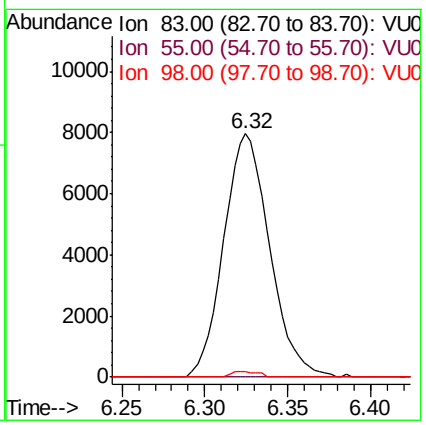


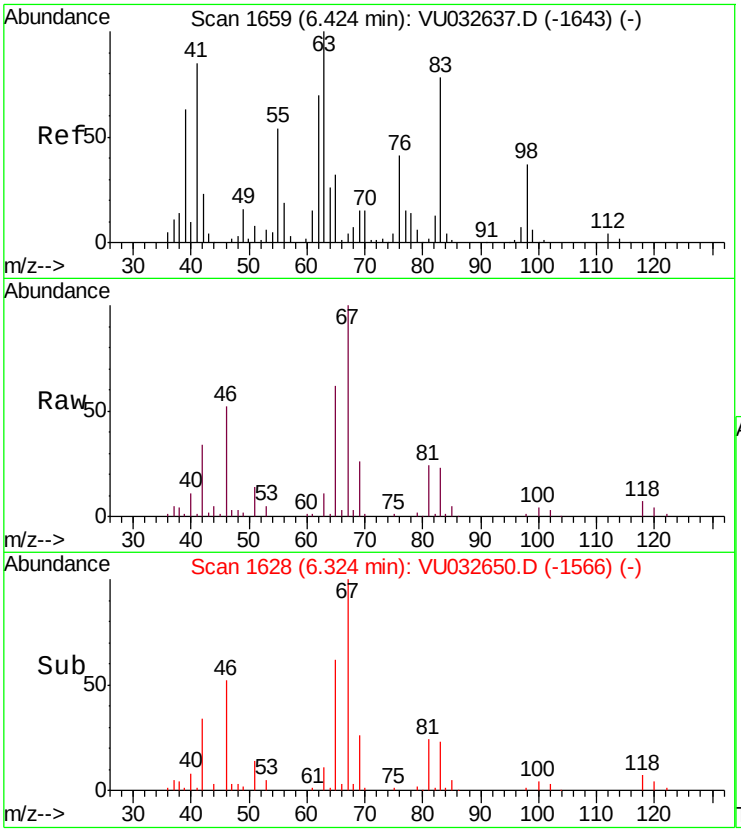


#35
Methylcyclohexane
Concen: 7.748 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Tgt Ion: 83 Resp: 15321

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	1.2	37.4	56.2#



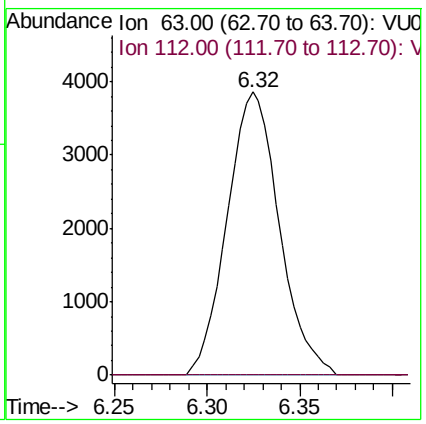


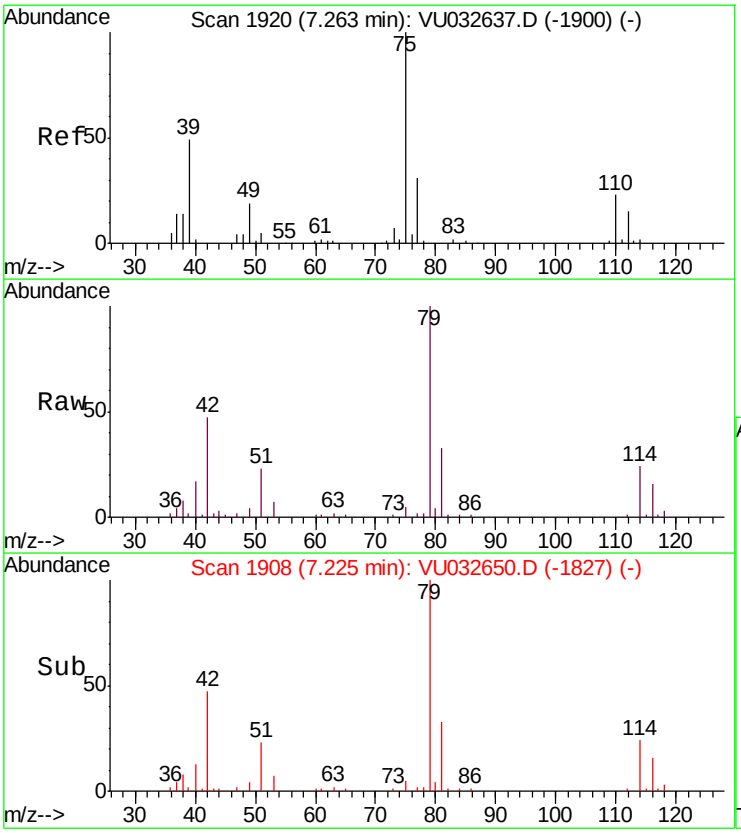
#37
1,2-Dichloropropane
Concen: 6.346 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Instrument : MSVOA_U
ClientSampleId : DB8R2DL

Tgt Ion: 63 Resp: 7552

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

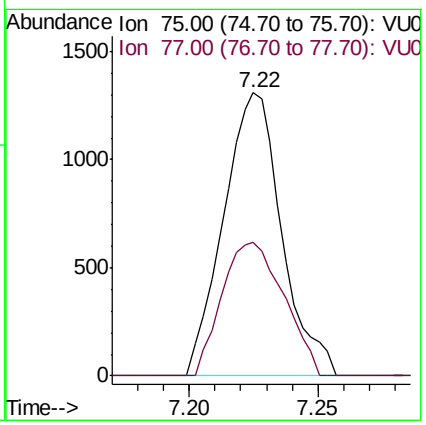


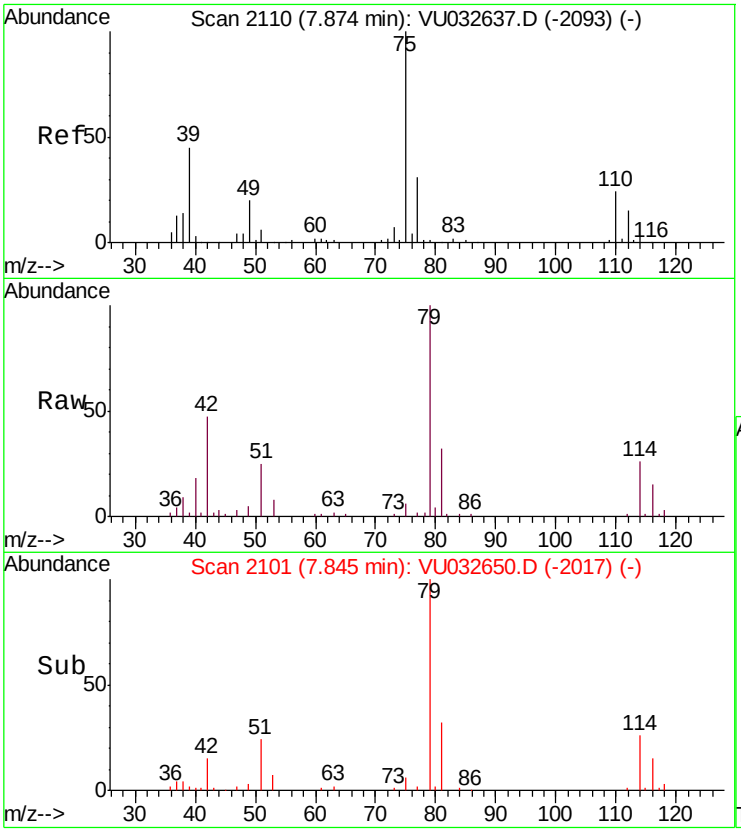


#39
cis-1,3-Dichloropropene
Concen: 1.098 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Tgt Ion: 75 Resp: 2062

Ion	Ratio	Lower	Upper
75	100		
77	47.2	22.0	41.0#



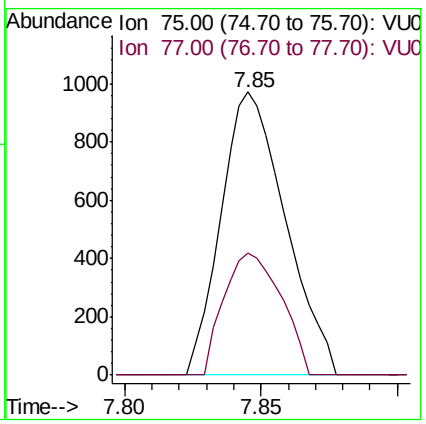


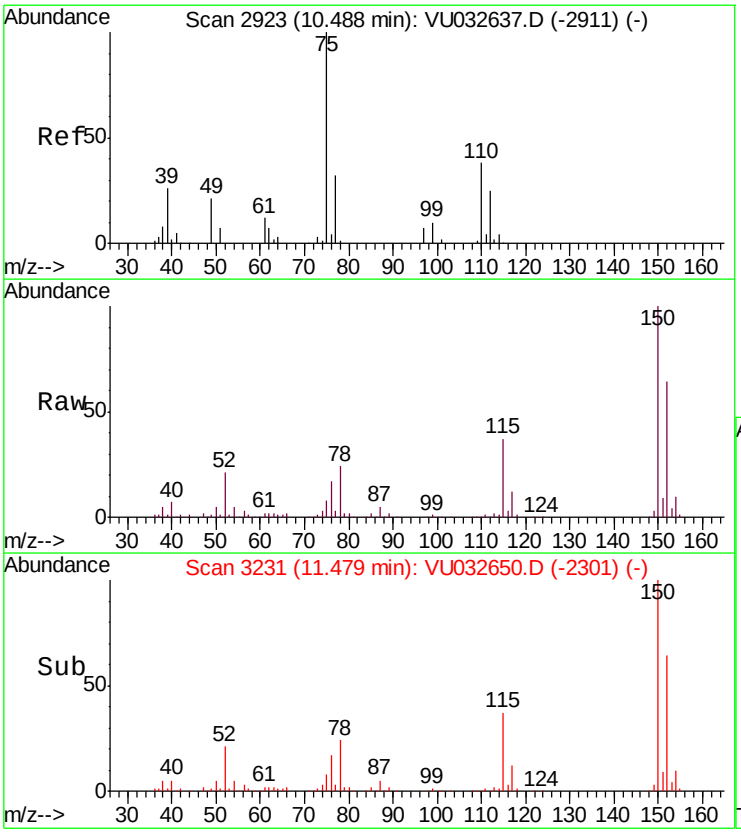
#44
trans-1,3-Dichloropropene
Concen: 0.955 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Instrument : MSVOA_U
ClientSampleId : DB8R2DL

Tgt Ion: 75 Resp: 1592

Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 5.902 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032650.D
Acq: 12 Jun 2019 14:33

Tgt Ion: 75 Resp: 9131

Ion	Ratio	Lower	Upper
75	100		
77	39.0	25.6	38.4#