Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032937.D
Acq On : 21 Jun 2019 12:11
Operator : JC/SP
Sample : K3463-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FB-062019-02

Quant Time: Jun 22 00:35:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186066	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86543	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	49235	38.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.44%			
7) Chloroethane-d5	1.68	69	44229	43.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.22%			
11) 1,1-Dichloroethene-d2	2.26	63	77946	30.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.86%			
21) 2-Butanone-d5	4.17	46	110427	104.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.34%			
24) Chloroform-d	4.64	84	114218	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.30	65	80002	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.16%			
32) Benzene-d6	5.33	84	212089	43.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.88%			
36) 1,2-Dichloropropane-d6	6.33	67	71480	46.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.98%			
41) Toluene-d8	7.56	98	186420	41.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.48%			
43) trans-1,3-Dichloropropene-	7.84	79	33858	42.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.66%			
47) 2-Hexanone-d5	8.31	63	65191	90.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.80%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	108768	45.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	79671	47.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.14%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	793	0.815	ug/L #	1
13) Acetone	2.32	43	7768	5.314	ug/L	96
27) 1,2-Dichloroethane	5.33	62	1358	0.662	ug/L #	77
35) Methylcyclohexane	6.33	83	16131	7.323	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8539	5.836	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2689	1.180	ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	1928	0.901	ug/L	99
48) 2-Hexanone	8.36	43	3548	1.722	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	11527	5.904	ug/L	93

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

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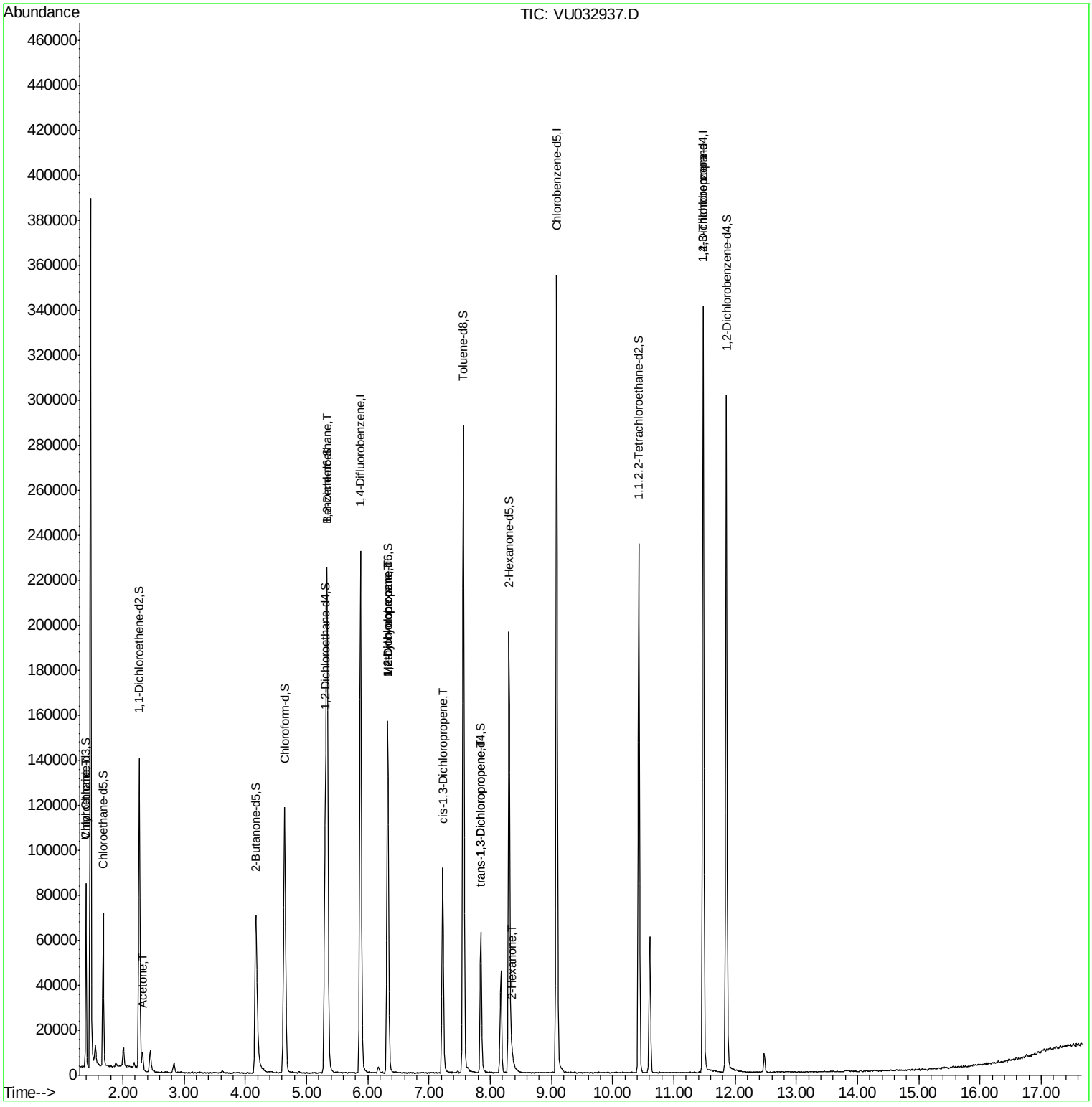
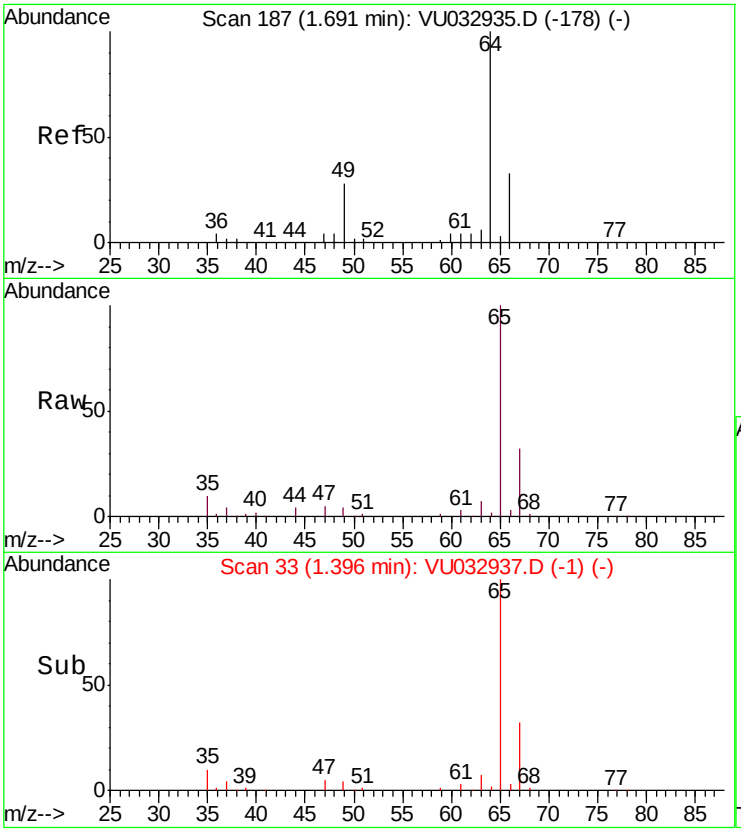
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FB-062019-02

Quant Time: Jun 22 00:35:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration



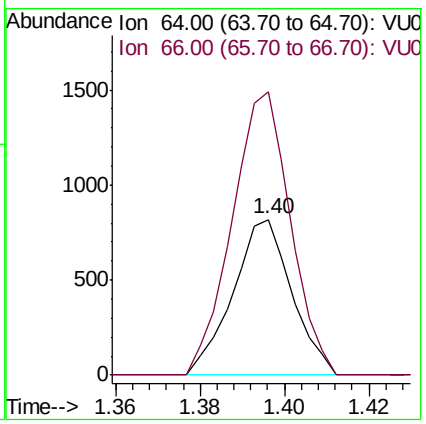


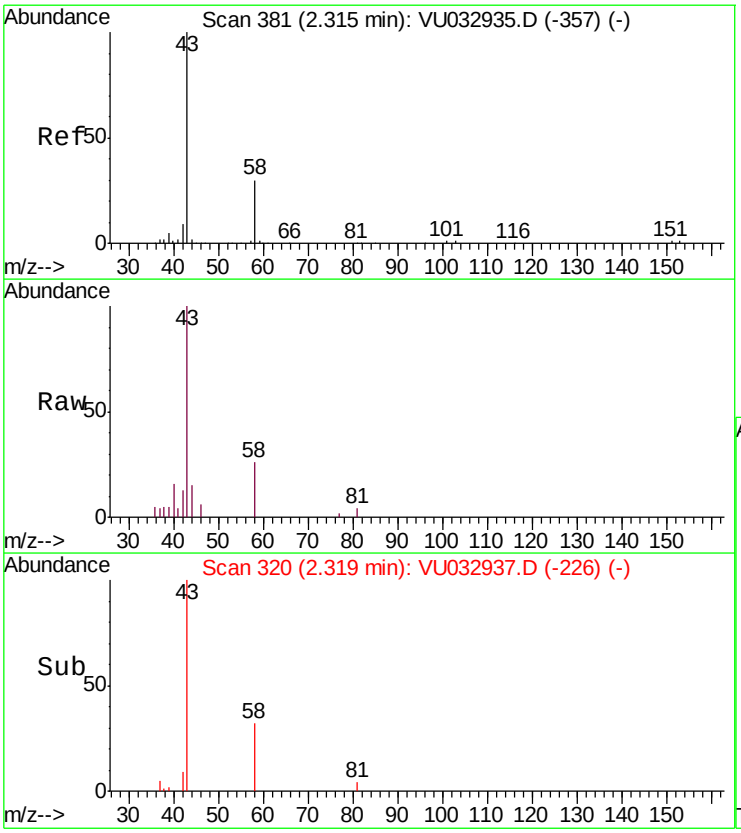
#8
Chloroethane
Concen: 0.815 ug/L
RT: 1.40 min Scan# 33
Delta R.T. -0.30 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Instrument : MSVOA_U
ClientSampleId : FB-062019-02

Tgt Ion: 64 Resp: 793

Ion	Ratio	Lower	Upper
64	100		
66	182.0	22.5	41.7#

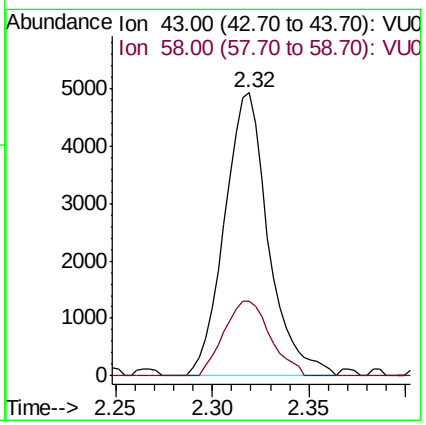


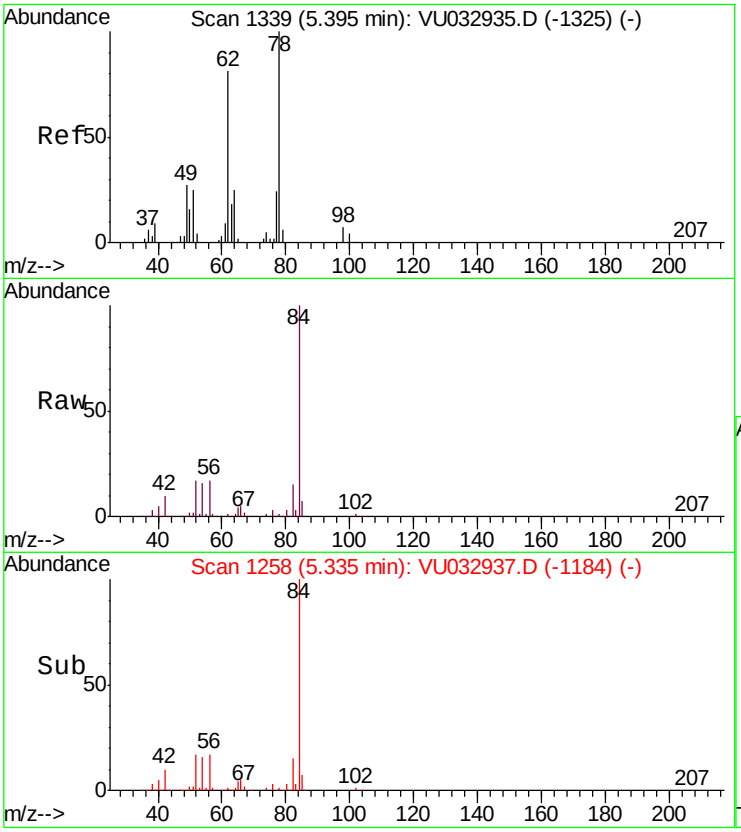


#13
Acetone
Concen: 5.314 ug/L
RT: 2.32 min Scan# 320
Delta R.T. 0.00 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Tgt Ion: 43 Resp: 7768

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	60.6



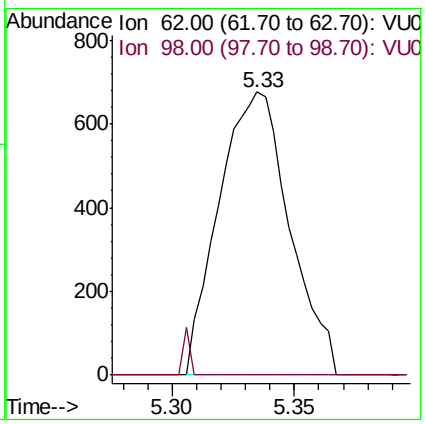


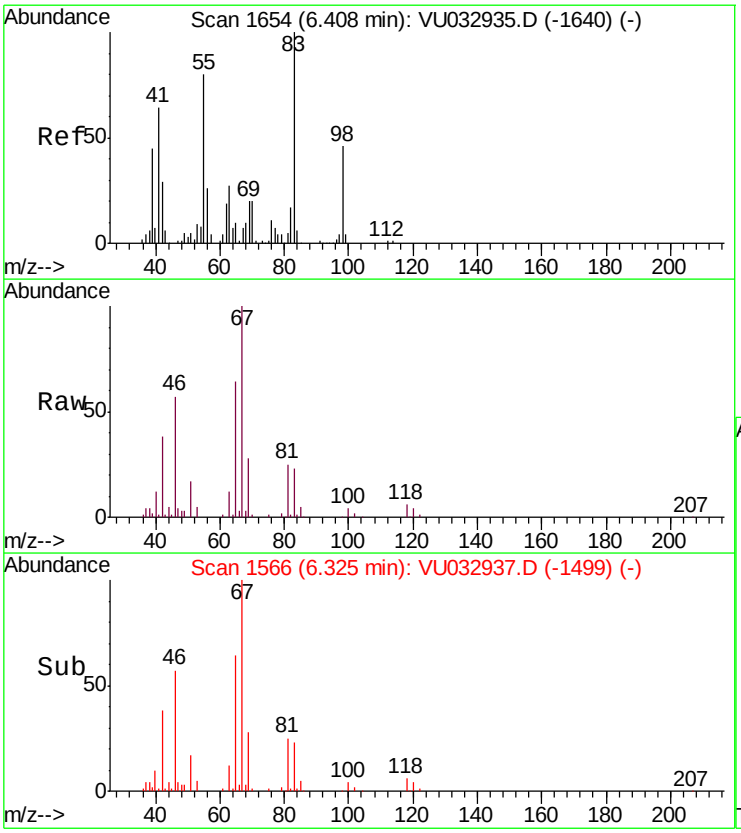
#27
1,2-Dichloroethane
Concen: 0.662 ug/L
RT: 5.33 min Scan# 1258
Delta R.T. -0.06 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
FB-062019-02

Tgt Ion: 62 Resp: 1358

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

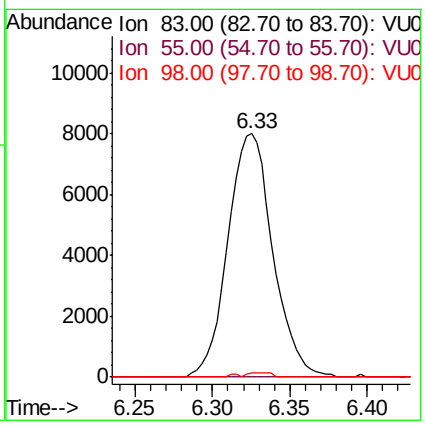


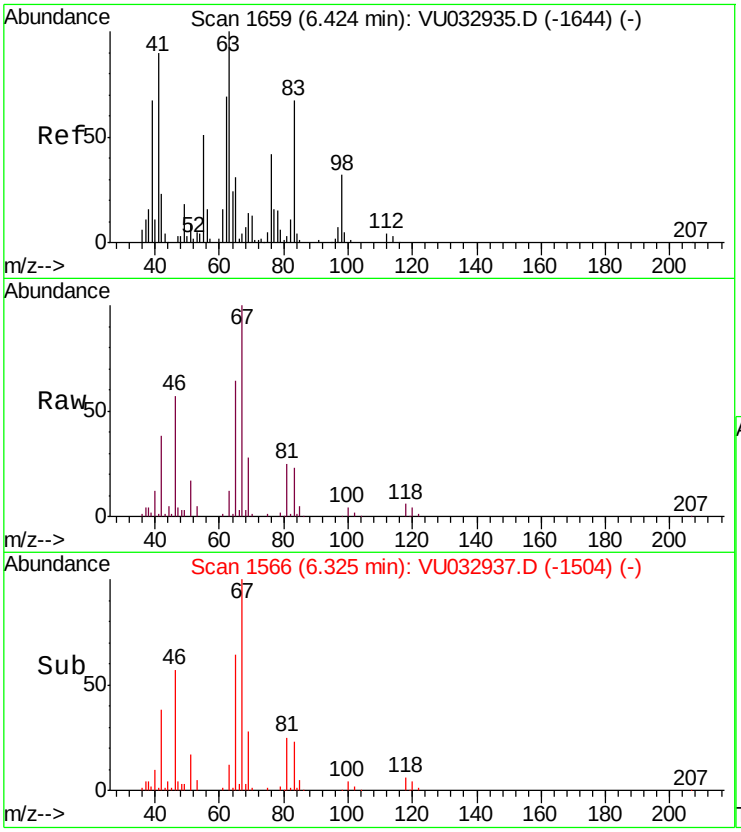


#35
Methylcyclohexane
Concen: 7.323 ug/L
RT: 6.33 min Scan# 1566
Delta R.T. -0.08 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Tgt Ion: 83 Resp: 16131

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.6	37.4	56.0#



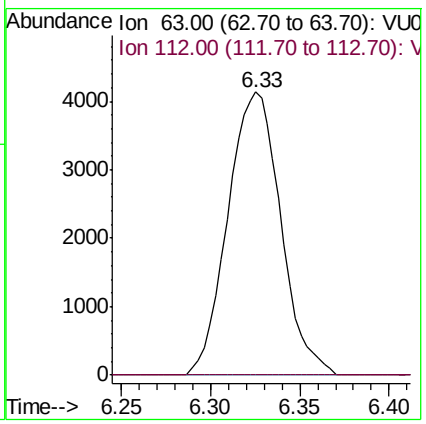


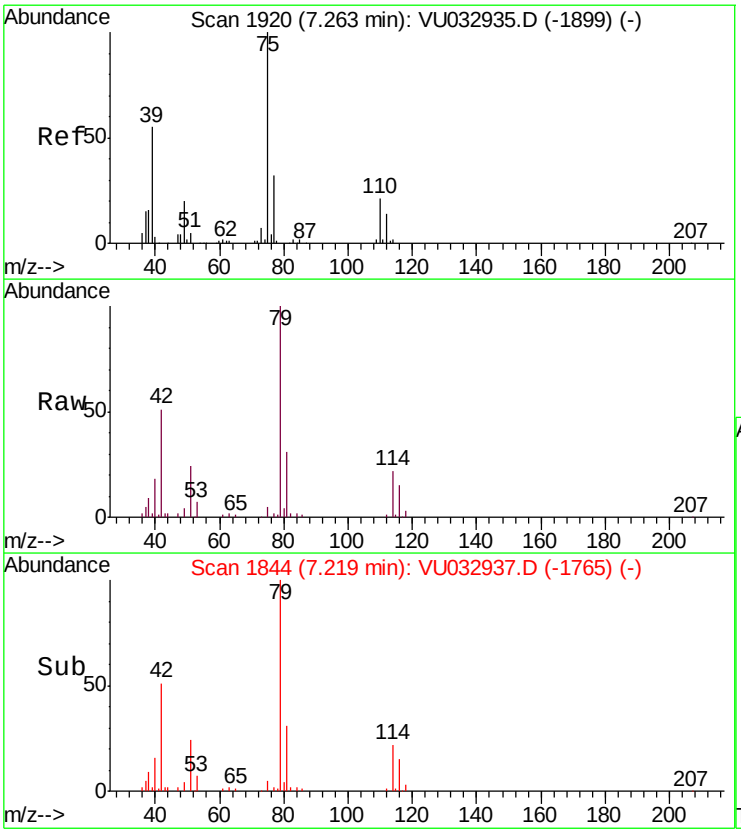
#37
1,2-Dichloropropane
Concen: 5.836 ug/L
RT: 6.33 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
FB-062019-02

Tgt Ion: 63 Resp: 8539

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

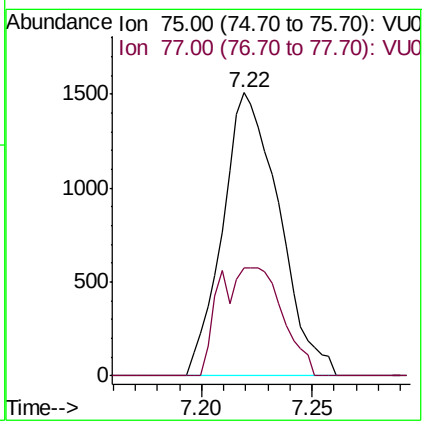


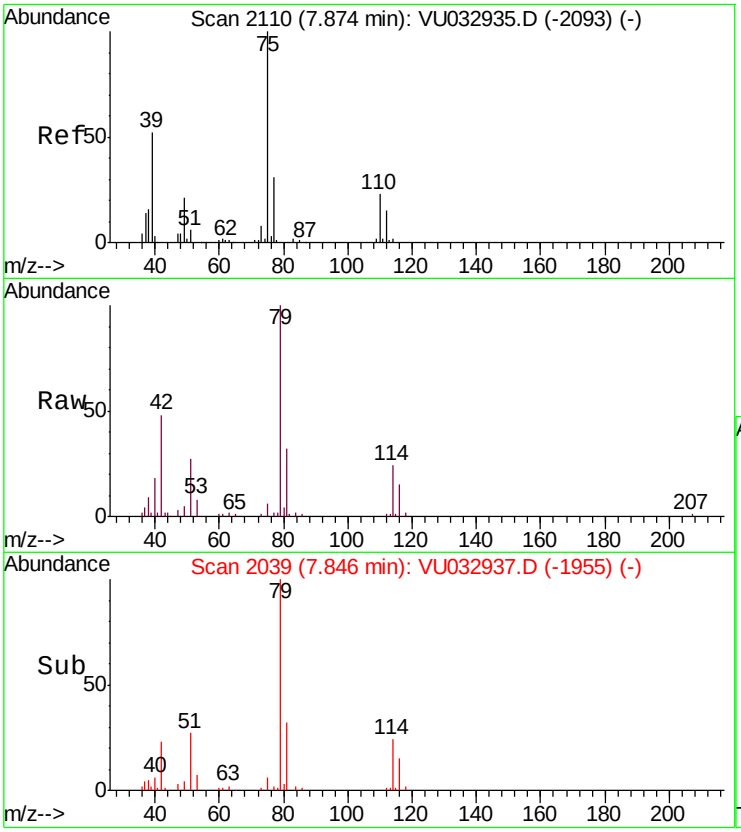


#39
cis-1,3-Dichloropropene
Concen: 1.180 ug/L
RT: 7.22 min Scan# 1844
Delta R.T. -0.04 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Tgt Ion: 75 Resp: 2689

Ion	Ratio	Lower	Upper
75	100		
77	38.2	21.9	40.7



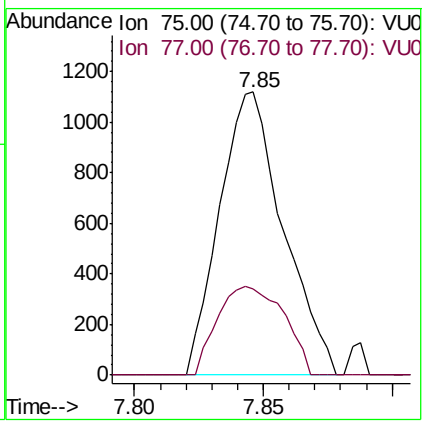


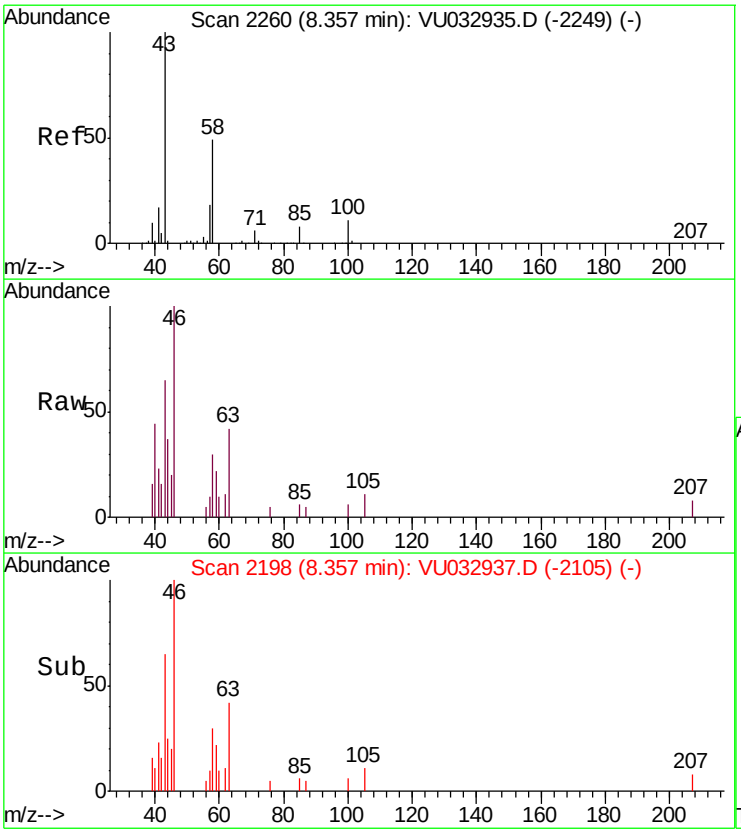
#44
trans-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 7.85 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
FB-062019-02

Tgt Ion: 75 Resp: 1928

Ion	Ratio	Lower	Upper
75	100		
77	30.5	21.8	40.4

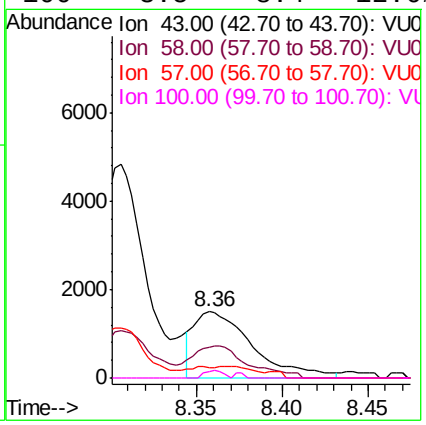


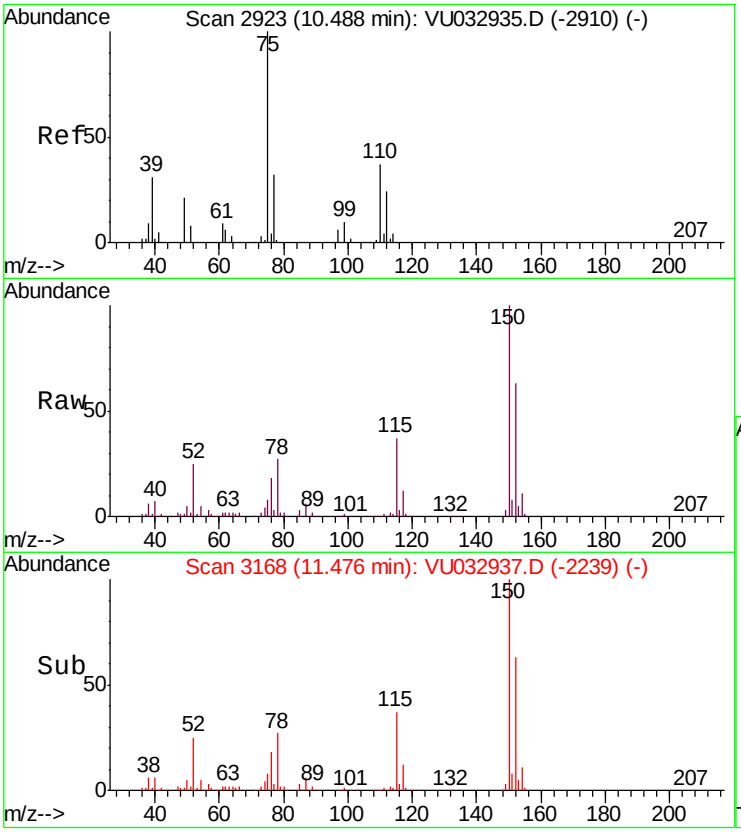


#48
2-Hexanone
Concen: 1.722 ug/L
RT: 8.36 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Tgt Ion: 43 Resp: 3548

Ion	Ratio	Lower	Upper
43	100		
58	37.1	40.2	60.2#
57	1.0	14.2	21.4#
100	3.5	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.904 ug/L
RT: 11.48 min Scan# 3168
Delta R.T. 0.99 min
Lab File: VU032937.D
Acq: 21 Jun 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
FB-062019-02

Tgt Ion: 75 Resp: 11527

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.5	38.3