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

Quantitation Report (Not Reviewed)

Data File : VU032955.D
Acq On : 21 Jun 2019 19:28
Operator : JC/SP
Sample : K3463-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETFA1

Quant Time: Jun 22 01:59:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	186353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88854	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	45333	35.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.46%			
7) Chloroethane-d5	1.68	69	42920	41.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.66%			
11) 1,1-Dichloroethene-d2	2.26	63	75947	29.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.60%#			
21) 2-Butanone-d5	4.17	46	123165	115.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.01%			
24) Chloroform-d	4.64	84	113652	45.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.88%			
26) 1,2-Dichloroethane-d4	5.30	65	80523	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.66%			
32) Benzene-d6	5.33	84	210580	43.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.70%			
36) 1,2-Dichloropropane-d6	6.32	67	71101	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.90%			
41) Toluene-d8	7.56	98	184473	40.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.10%			
43) trans-1,3-Dichloropropene-	7.85	79	33759	41.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.88%			
47) 2-Hexanone-d5	8.31	63	72369	100.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.15%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111681	46.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.36%			
64) 1,2-Dichlorobenzene-d4	11.85	152	78062	45.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.80%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	787	0.800	ug/L #	1
13) Acetone	2.32	43	1010	0.683	ug/L	77
35) Methylcyclohexane	6.32	83	16675	7.521	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	8475	5.755	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2355	1.026	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	1593	0.739	ug/L	92
48) 2-Hexanone	8.36	43	3070	1.480	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	11381	5.791	ug/L #	86

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

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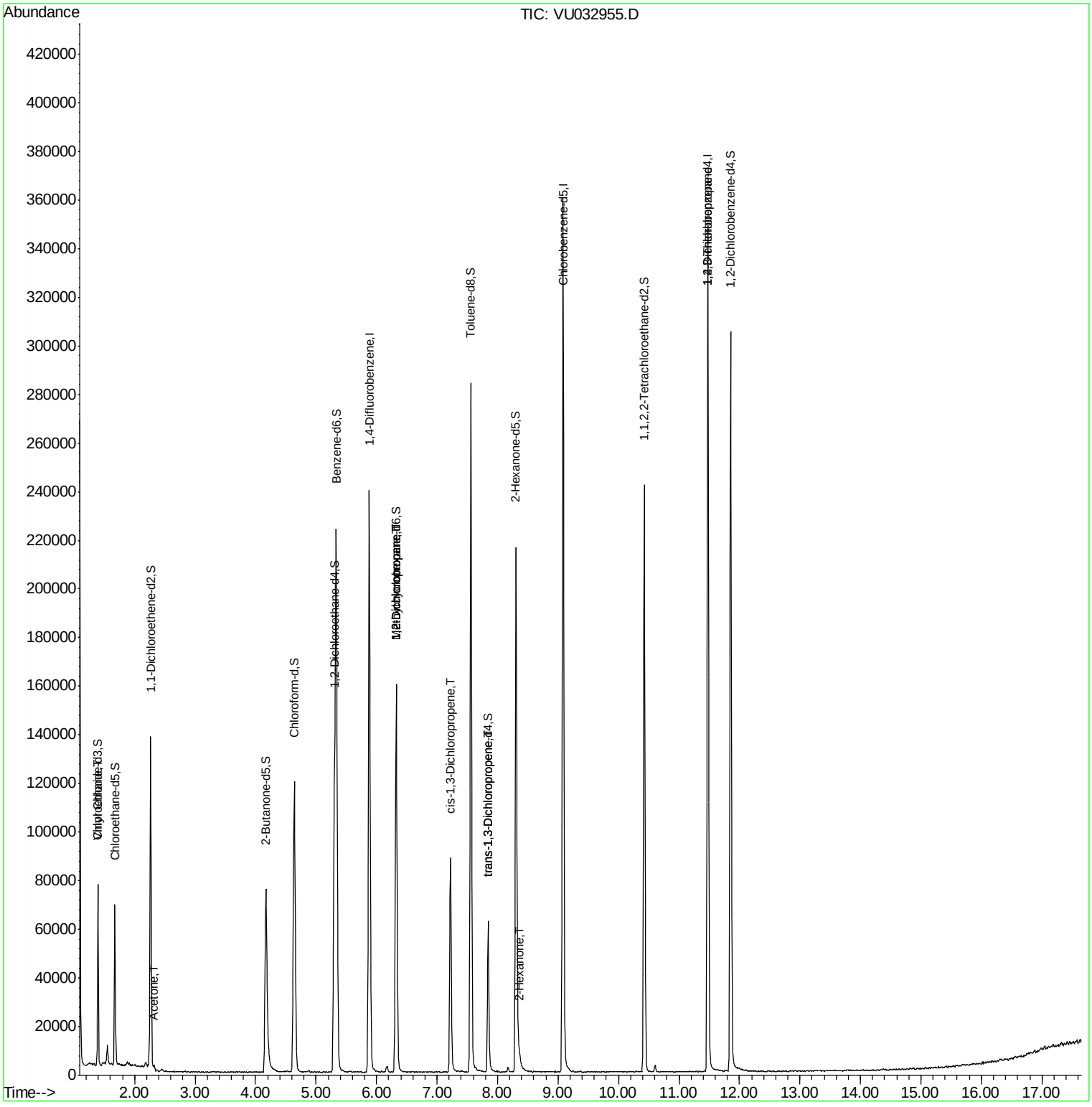
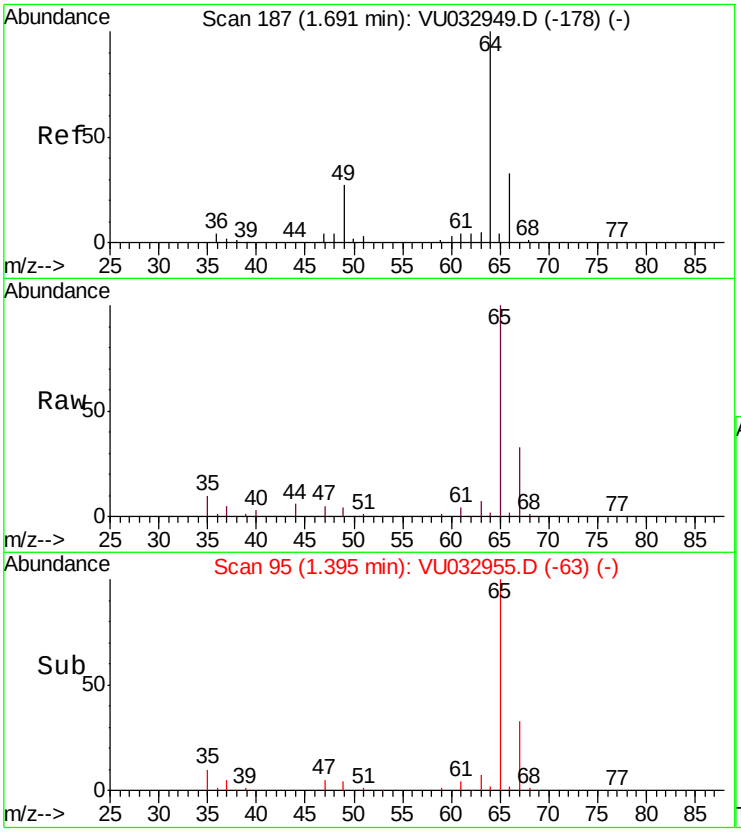


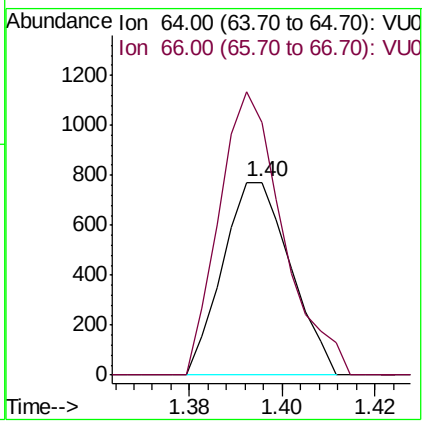


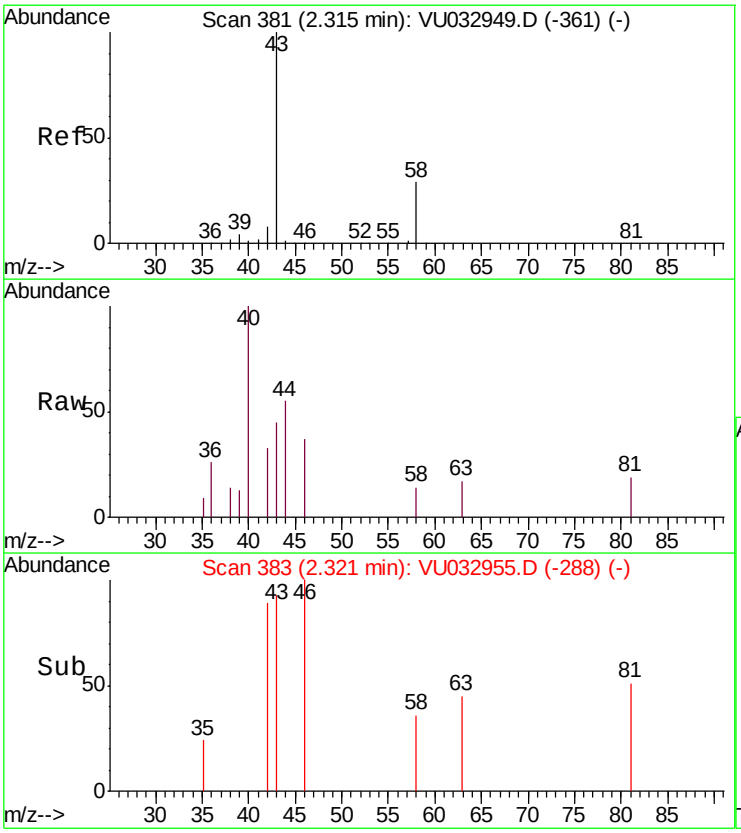
#8
Chloroethane
Concen: 0.800 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Instrument :
MSVOA_U
ClientSampleId :
ETFA1

Tgt Ion: 64 Resp: 787

Ion	Ratio	Lower	Upper
64	100		
66	130.8	22.5	41.7#

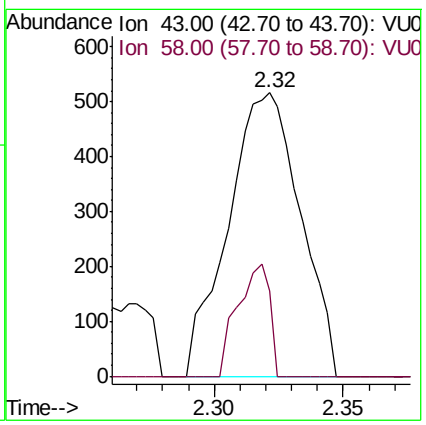


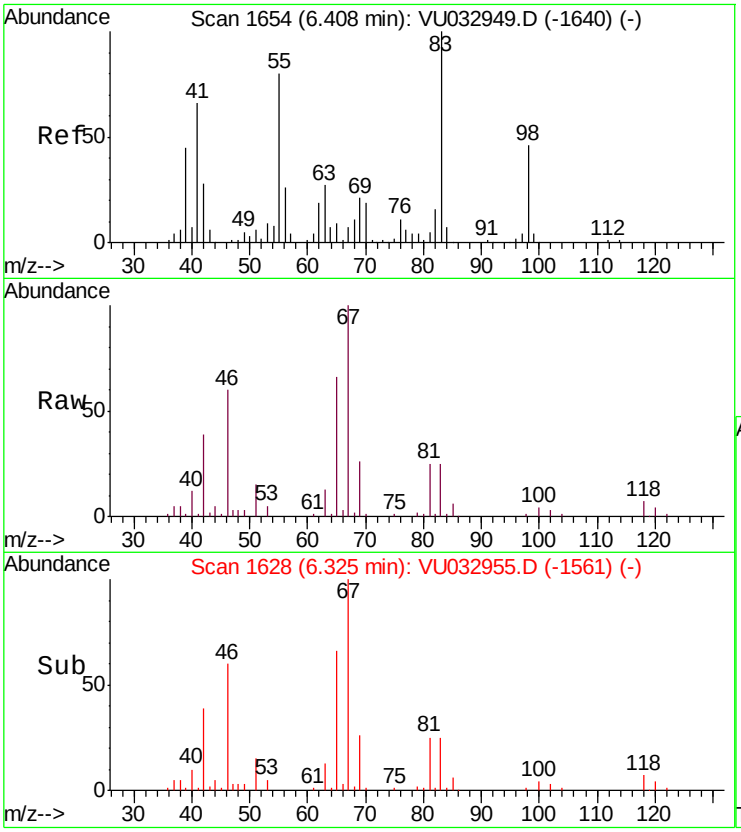


#13
Acetone
Concen: 0.683 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Tgt Ion: 43 Resp: 1010

Ion	Ratio	Lower	Upper
43	100		
58	17.6	0.0	60.6



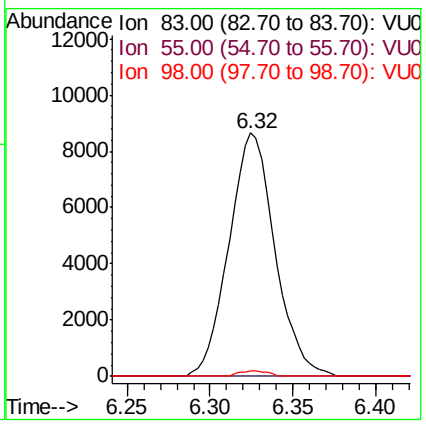


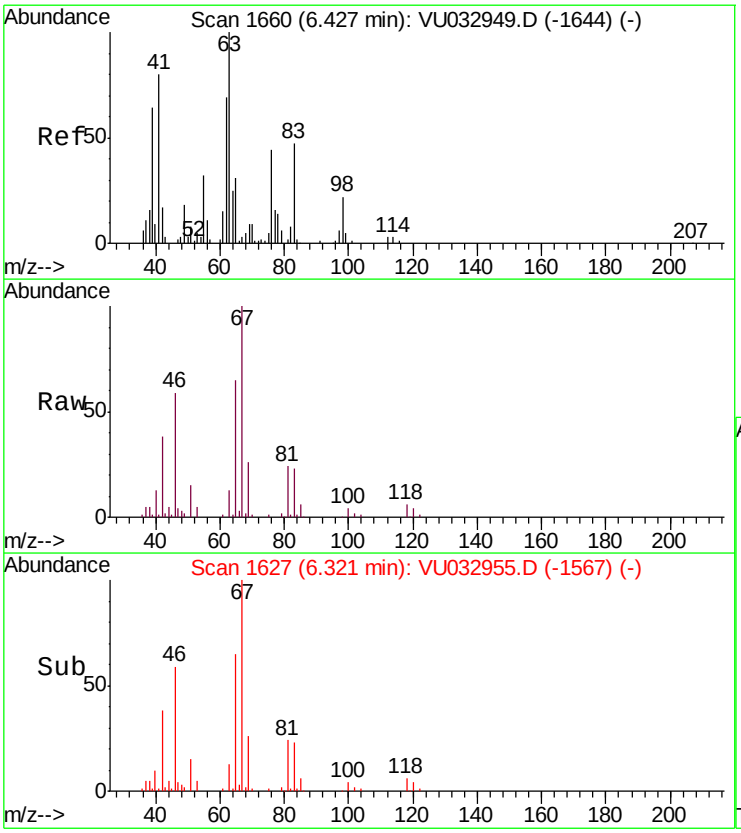
#35
Methylcyclohexane
Concen: 7.521 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Instrument :
MSVOA_U
ClientSampleId :
ETFA1

Tgt Ion: 83 Resp: 16675

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.4	37.4	56.0#

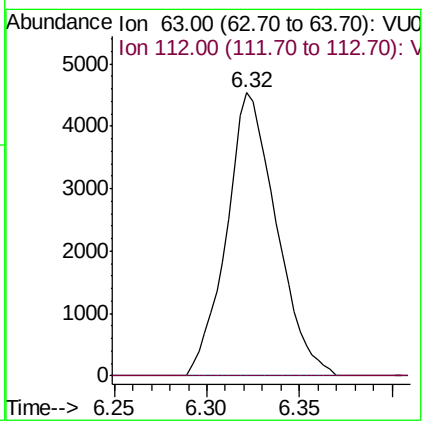


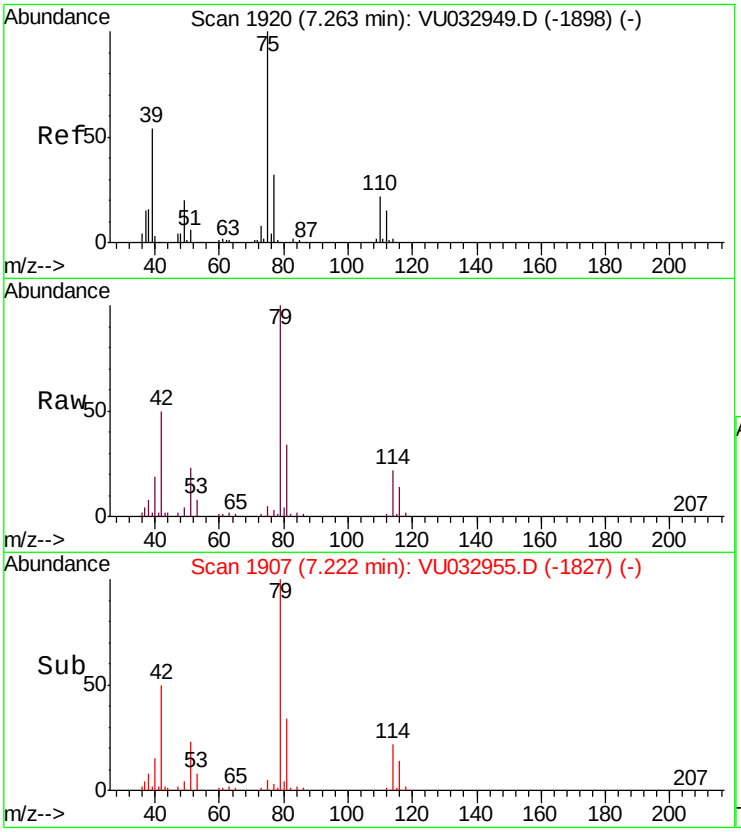


#37
1,2-Dichloropropane
Concen: 5.755 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Tgt Ion: 63 Resp: 8475

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



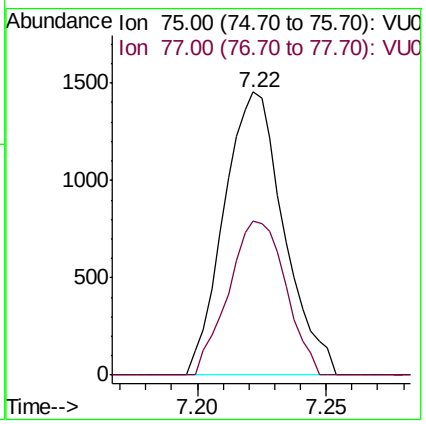


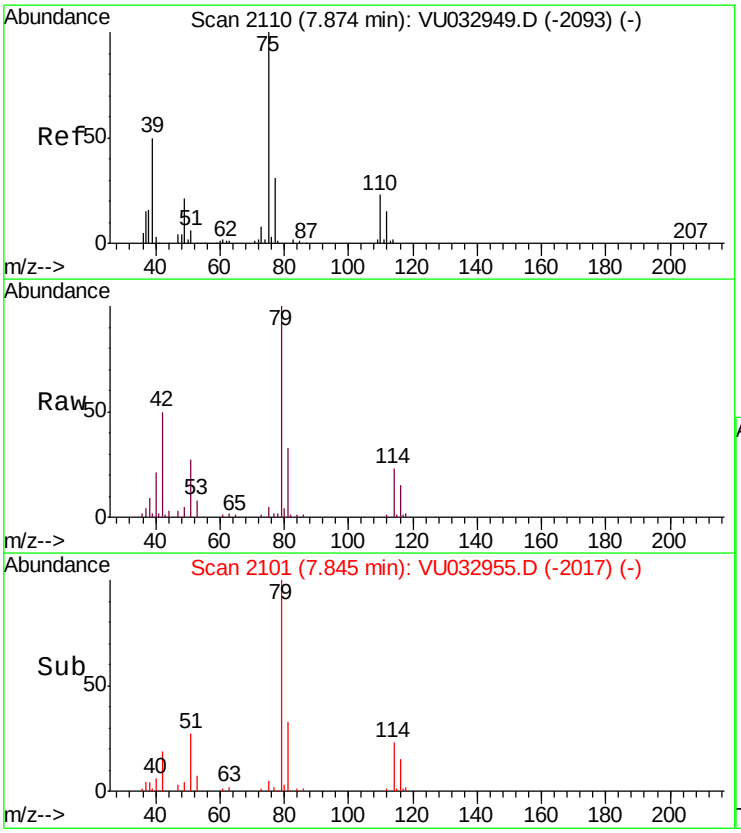
#39
cis-1,3-Dichloropropene
Concen: 1.026 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Instrument :
MSVOA_U
ClientSampleId :
ETFA1

Tgt Ion: 75 Resp: 2355

Ion	Ratio	Lower	Upper
75	100		
77	54.3	21.9	40.7#

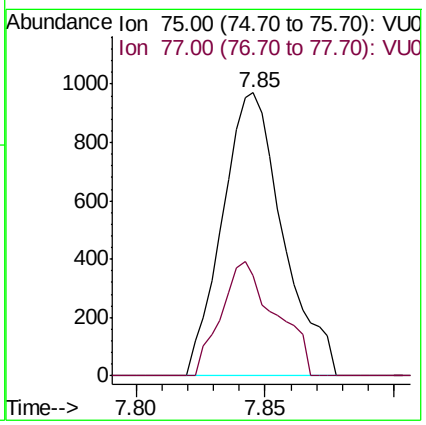


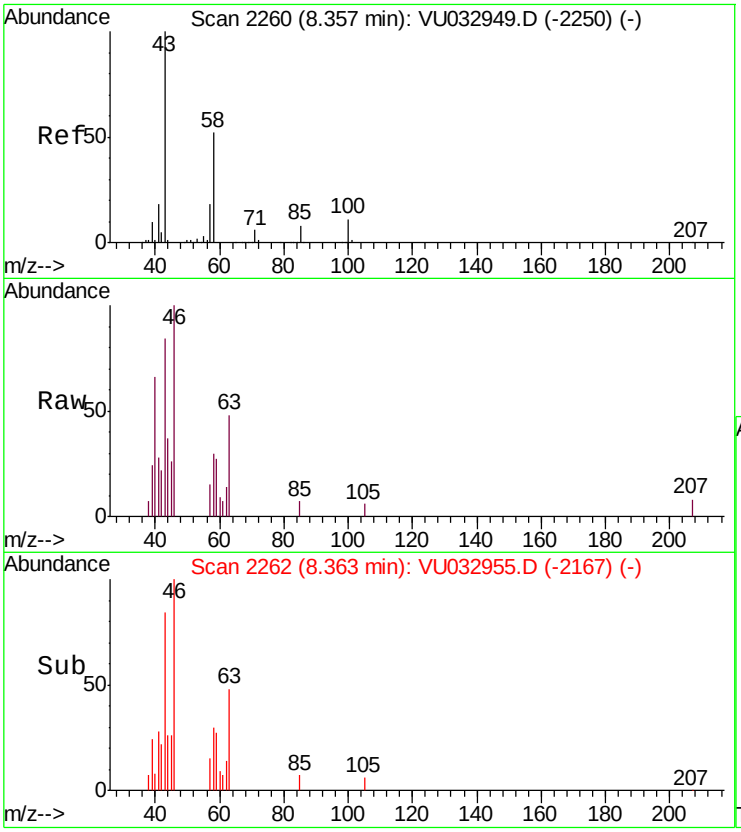


#44
trans-1,3-Dichloropropene
Concen: 0.739 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Tgt Ion: 75 Resp: 1593

Ion	Ratio	Lower	Upper
75	100		
77	35.3	21.8	40.4



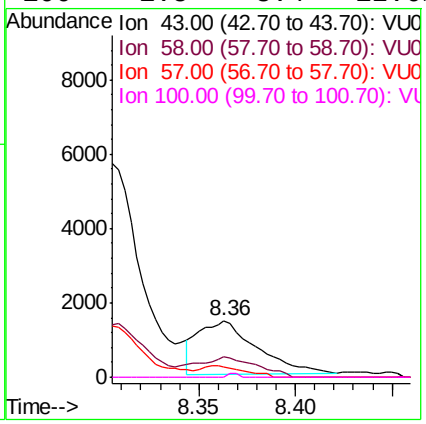


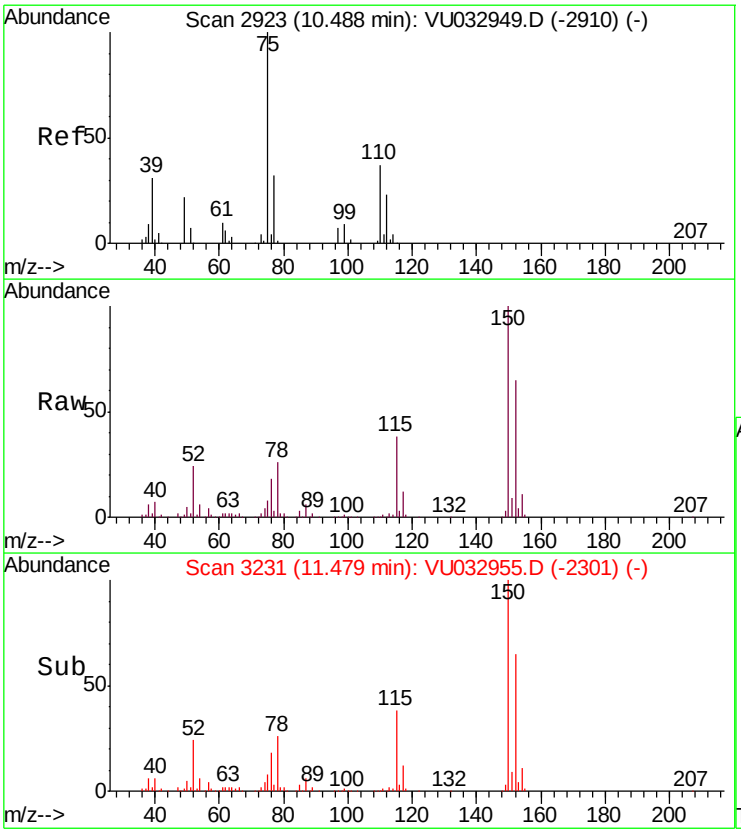
#48
2-Hexanone
Concen: 1.480 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Instrument : MSVOA_U
ClientSampleId : ETFA1

Tgt Ion: 43 Resp: 3070

Ion	Ratio	Lower	Upper
43	100		
58	39.7	40.2	60.2#
57	15.1	14.2	21.4
100	1.5	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.791 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032955.D
Acq: 21 Jun 2019 19:28

Tgt Ion: 75 Resp: 11381

Ion	Ratio	Lower	Upper
75	100		
77	39.5	25.5	38.3#