Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\

Quantitation Report (Not Reviewed)

Data File : VU027497.D
Acq On : 08 Oct 2018 14:05
Operator : MD/SY
Sample : J5298-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E62X3

Quant Time: Oct 09 04:56:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195421	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63125	41.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.10%			
7) Chloroethane-d5	1.68	69	51226	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.48%			
11) 1,1-Dichloroethene-d2	2.27	63	89575	31.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.10%			
21) 2-Butanone-d5	4.18	46	137352	110.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.63%			
24) Chloroform-d	4.65	84	121375	49.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.68%			
26) 1,2-Dichloroethane-d4	5.31	65	84549	49.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.10%			
32) Benzene-d6	5.34	84	240747	45.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.56%			
36) 1,2-Dichloropropane-d6	6.33	67	87772	48.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.44%			
41) Toluene-d8	7.57	98	203723	43.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.68%			
43) trans-1,3-Dichloropropene-	7.85	79	39350	45.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.66%			
47) 2-Hexanone-d5	8.31	63	94932	104.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.34%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115787	49.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	77948	45.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.62%			

Target Compounds						Qvalue
13) Acetone	2.32	43	5473	5.375	ug/L	99
22) 2-Butanone	4.29	43	4710	3.231	ug/L	82
25) Chloroform	4.67	83	1594	0.572	ug/L #	57
35) Methylcyclohexane	6.33	83	18654	7.403	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	9294	5.320	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2026	0.789	ug/L #	48
42) Toluene	7.64	91	8280	1.368	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	1591	0.668	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	11992	6.063	ug/L	90

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

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Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
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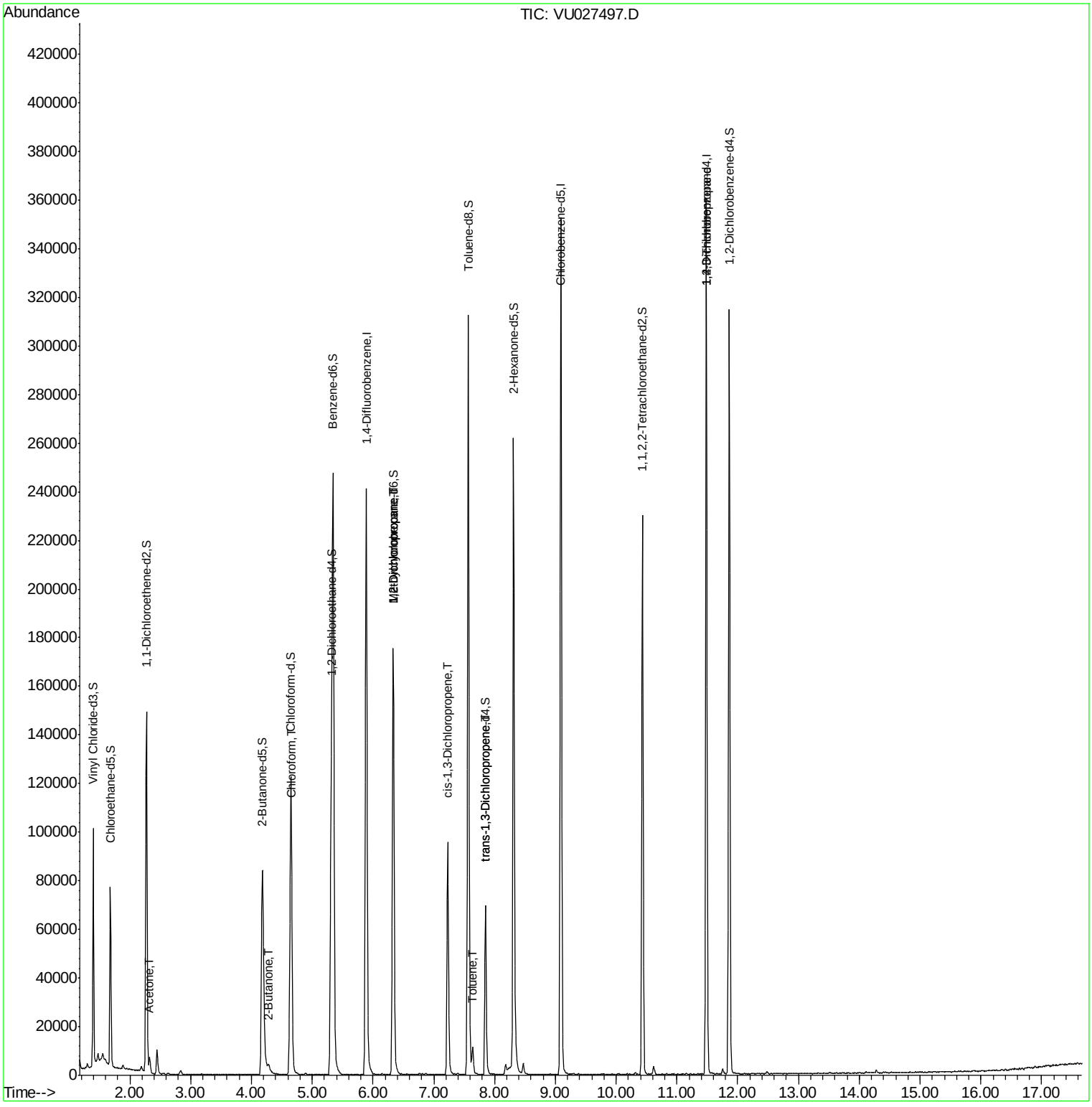
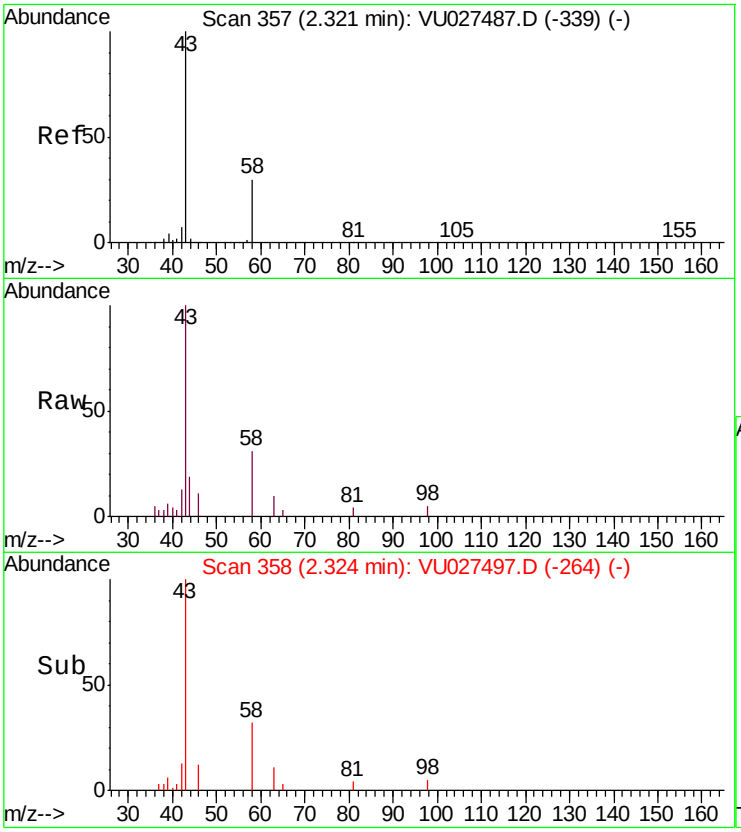


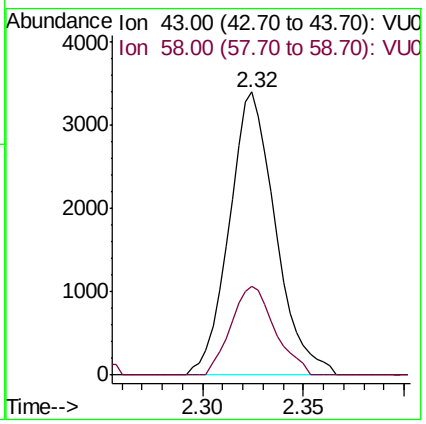


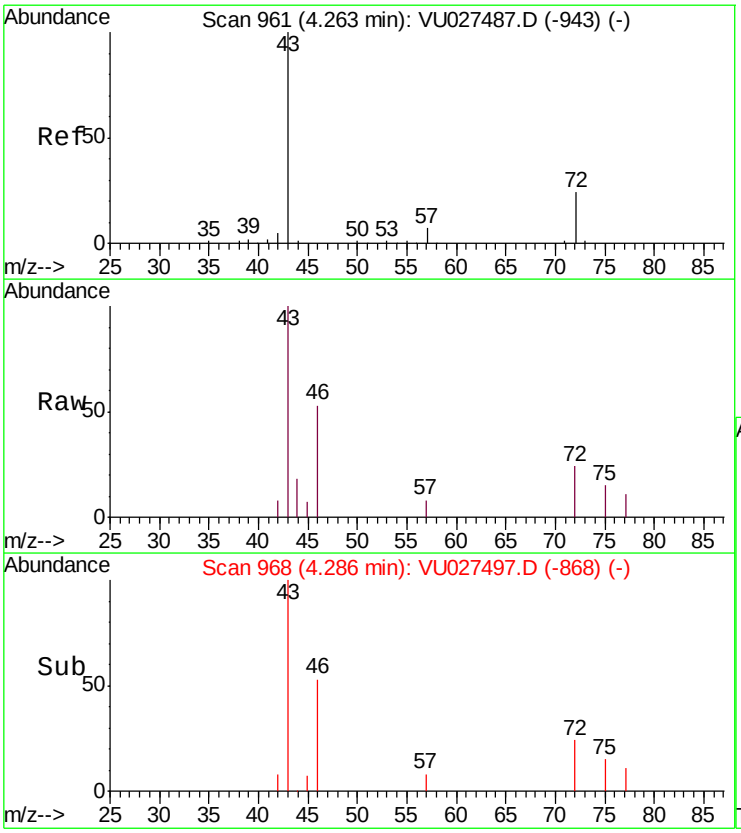
#13
Acetone
Concen: 5.375 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Instrument :
MSVOA_U
ClientSampleId :
E62X3

Tgt Ion: 43 Resp: 5473

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	60.8

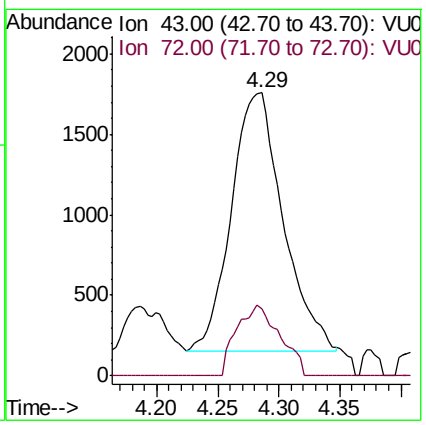


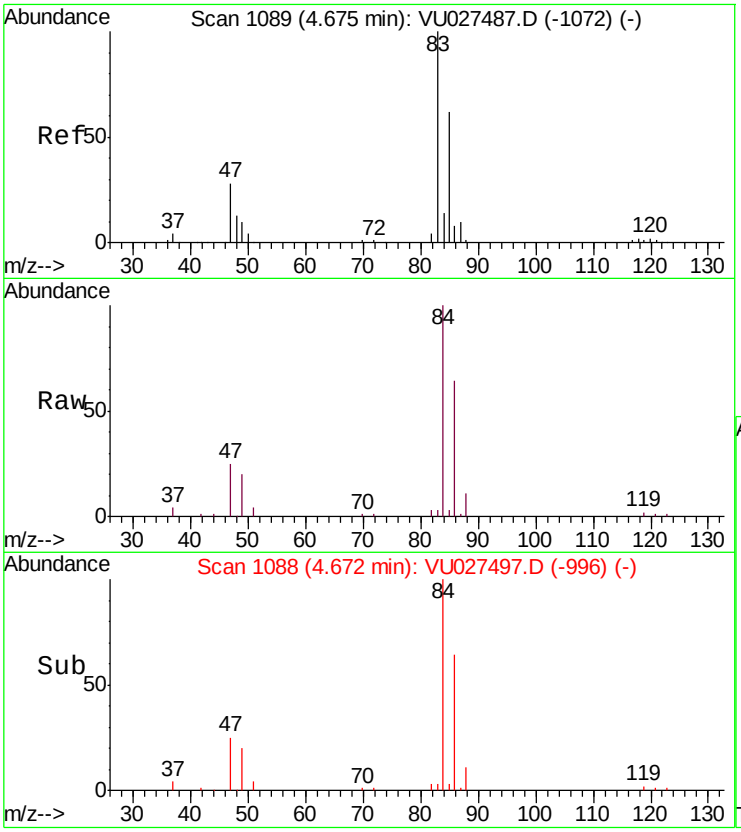


#22
2-Butanone
Concen: 3.231 ug/L
RT: 4.29 min Scan# 968
Delta R.T. 0.02 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Tgt Ion: 43 Resp: 4710

Ion	Ratio	Lower	Upper
43	100		
72	14.6	11.9	35.5



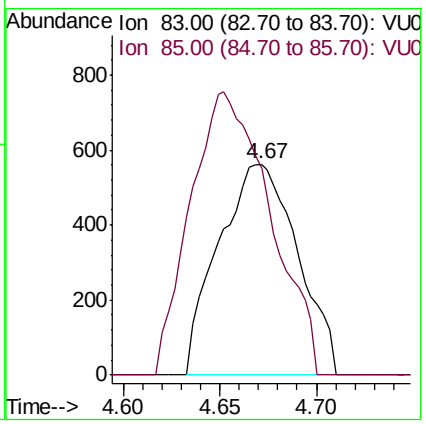


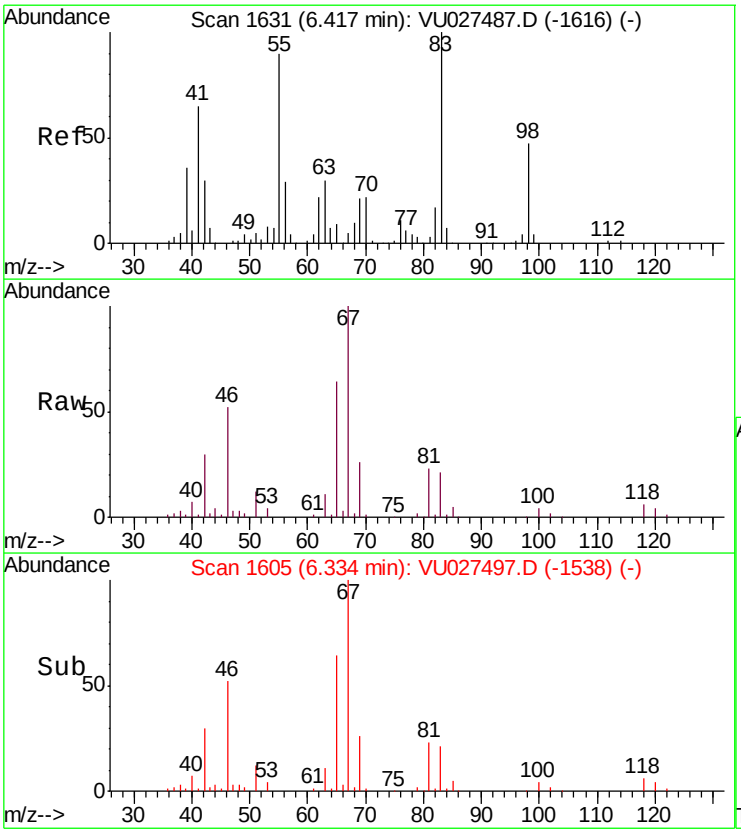
#25
Chloroform
Concen: 0.572 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Instrument :
MSVOA_U
ClientSampleId :
E62X3

Tgt Ion: 83 Resp: 1594

Ion	Ratio	Lower	Upper
83	100		
85	98.2	45.0	83.6#

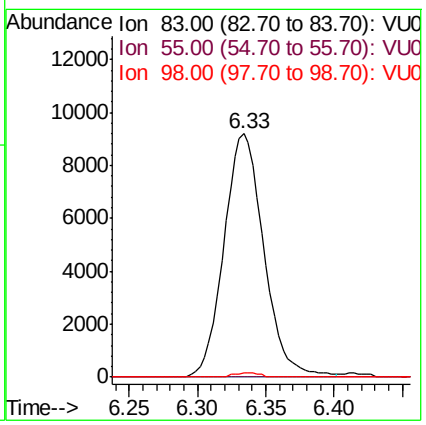


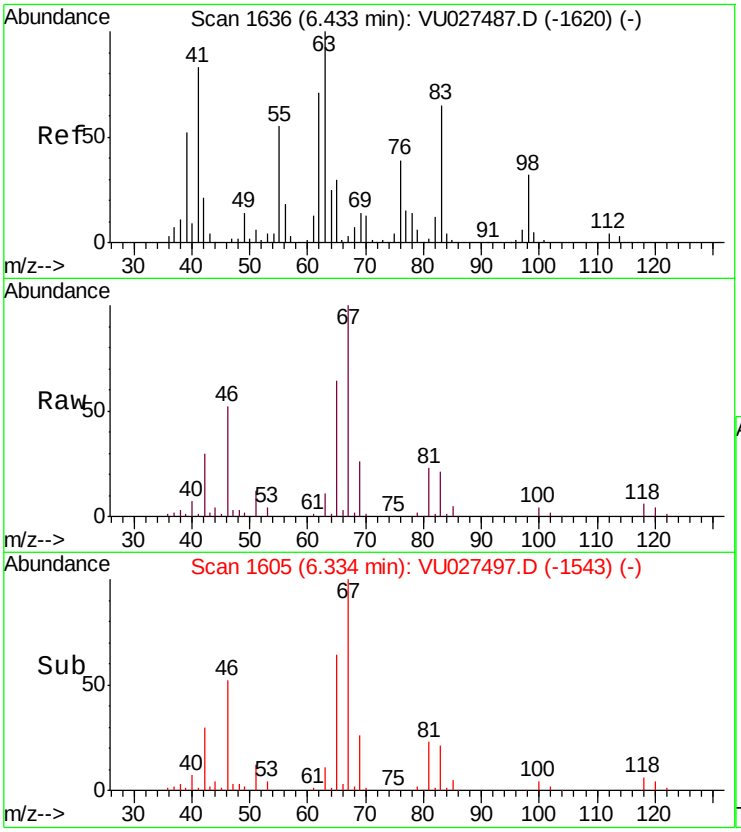


#35
Methylcyclohexane
Concen: 7.403 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Tgt Ion: 83 Resp: 18654

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.9	104.9#
98	0.9	37.1	55.7#



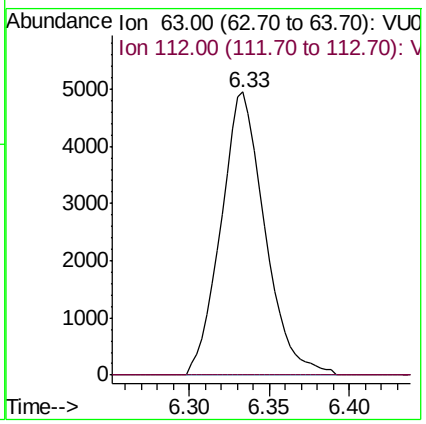


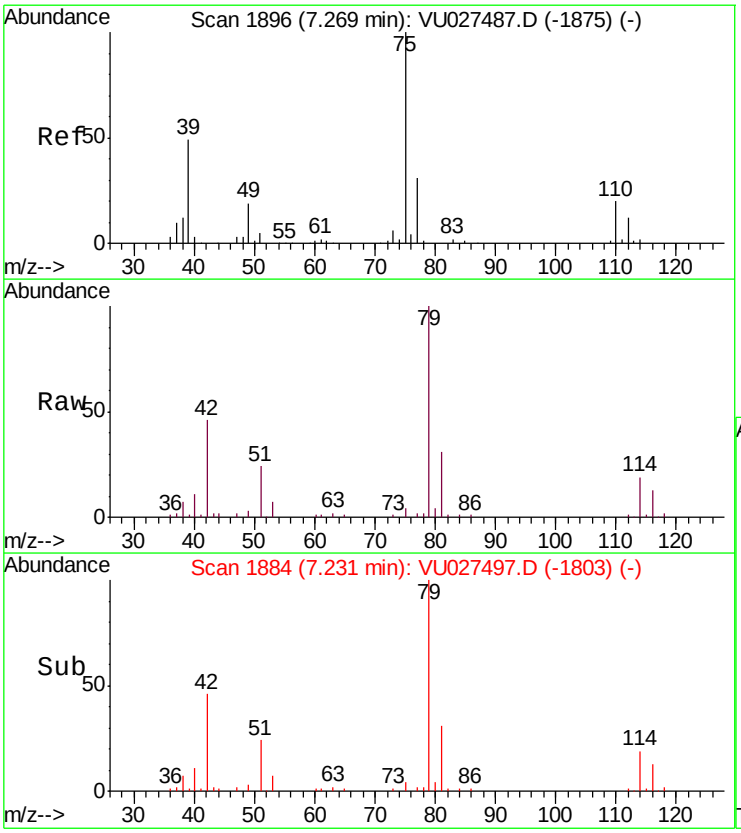
#37
1,2-Dichloropropane
Concen: 5.320 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Instrument : MSVOA_U
ClientSampleId : E62X3

Tgt Ion: 63 Resp: 9294

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

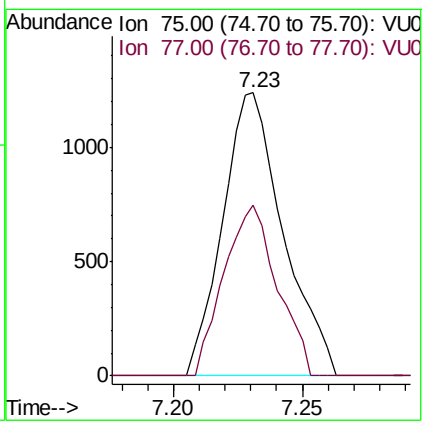


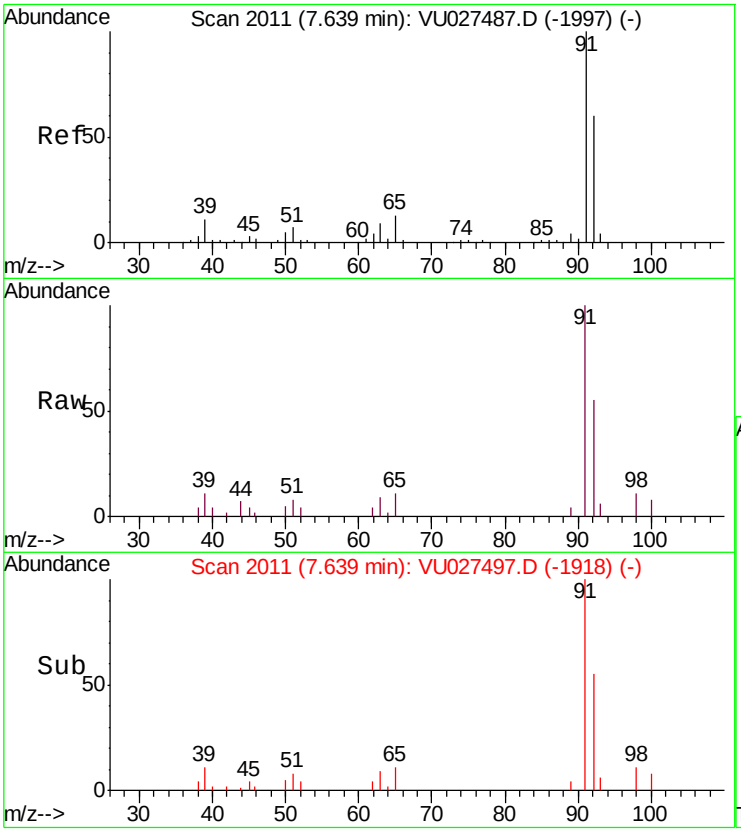


#39
cis-1,3-Dichloropropene
Concen: 0.789 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Tgt Ion: 75 Resp: 2026

Ion	Ratio	Lower	Upper
75	100		
77	60.3	22.1	41.1#



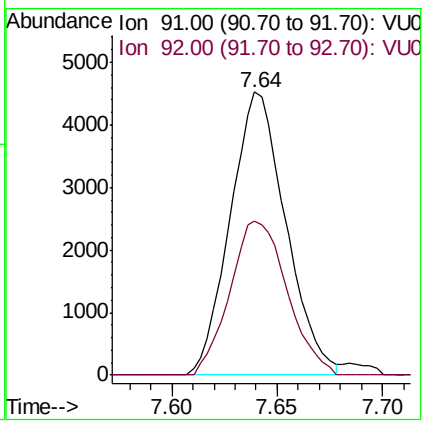


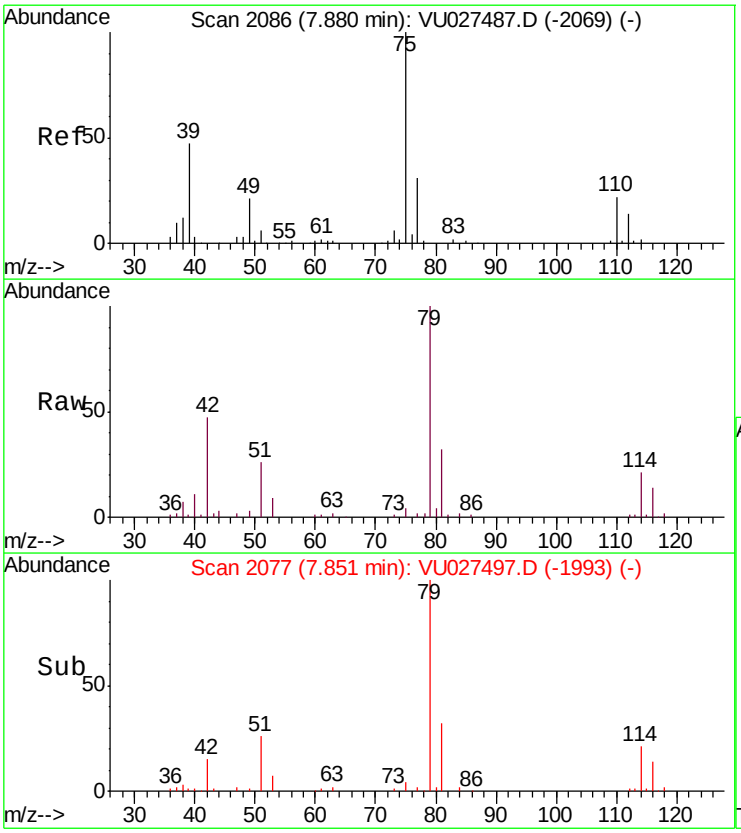
#42
Toluene
Concen: 1.368 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Instrument : MSVOA_U
ClientSampleId : E62X3

Tgt Ion: 91 Resp: 8280

Ion	Ratio	Lower	Upper
91	100		
92	54.7	40.2	74.6

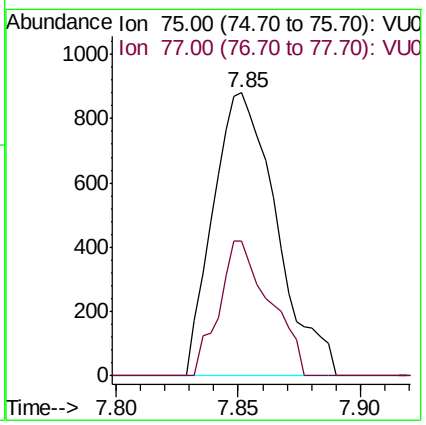


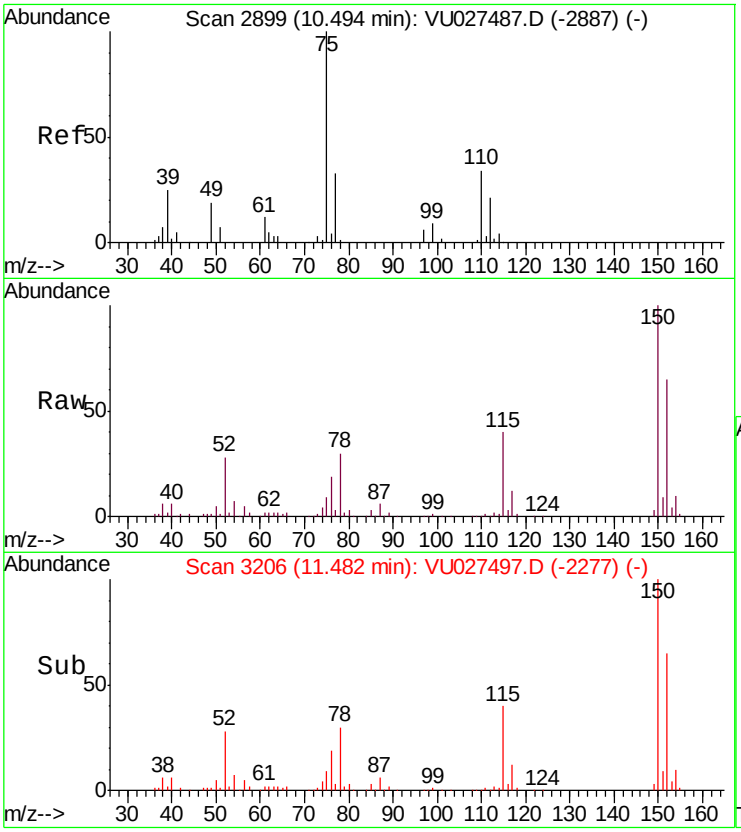


#44
trans-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Tgt Ion: 75 Resp: 1591

Ion	Ratio	Lower	Upper
75	100		
77	47.7	22.2	41.2#





#59
1,2,3-Trichloropropane
Concen: 6.063 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027497.D
Acq: 08 Oct 2018 14:05

Instrument :
MSVOA_U
ClientSampleId :
E62X3

Tgt Ion: 75 Resp: 11992

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.7	38.5