Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021119\

Quantitation Report (Not Reviewed)

Data File : VU029397.D
Acq On : 11 Feb 2019 15:11
Operator : JC/SP
Sample : K1387-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JJ6

Quant Time: Feb 12 01:23:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219130	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109102	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	81569	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.68	69	68765	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.27	63	126964	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.20%			
20) 2-Butanone-d5	4.19	46	150417	51.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.28%			
24) Chloroform-d	4.65	84	124577	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.31	65	63613	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.34	84	268447	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.80%			
36) 1,2-Dichloropropane-d6	6.33	67	76636	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.56	98	258376	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloropropene-	7.85	79	34817	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.31	63	153241	52.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63440	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	104148	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1375	0.081	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1003	0.062	ug/L #	1
13) Acetone	2.32	43	4815	2.066	ug/L	95
35) Methylcyclohexane	6.33	83	18403	0.724	ug/L #	23
37) 1,2-Dichloropropane	6.33	63	8565	0.650	ug/L #	87
48) 2-Hexanone	8.37	43	5569	1.080	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	11775	1.408	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	3592	0.113	ug/L	89
67) 1,3,5-Trichlorobenzene	12.89	180	2018	0.072	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.99	180	6739	0.305	ug/L	96

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

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Quantitation Report (Not Reviewed)

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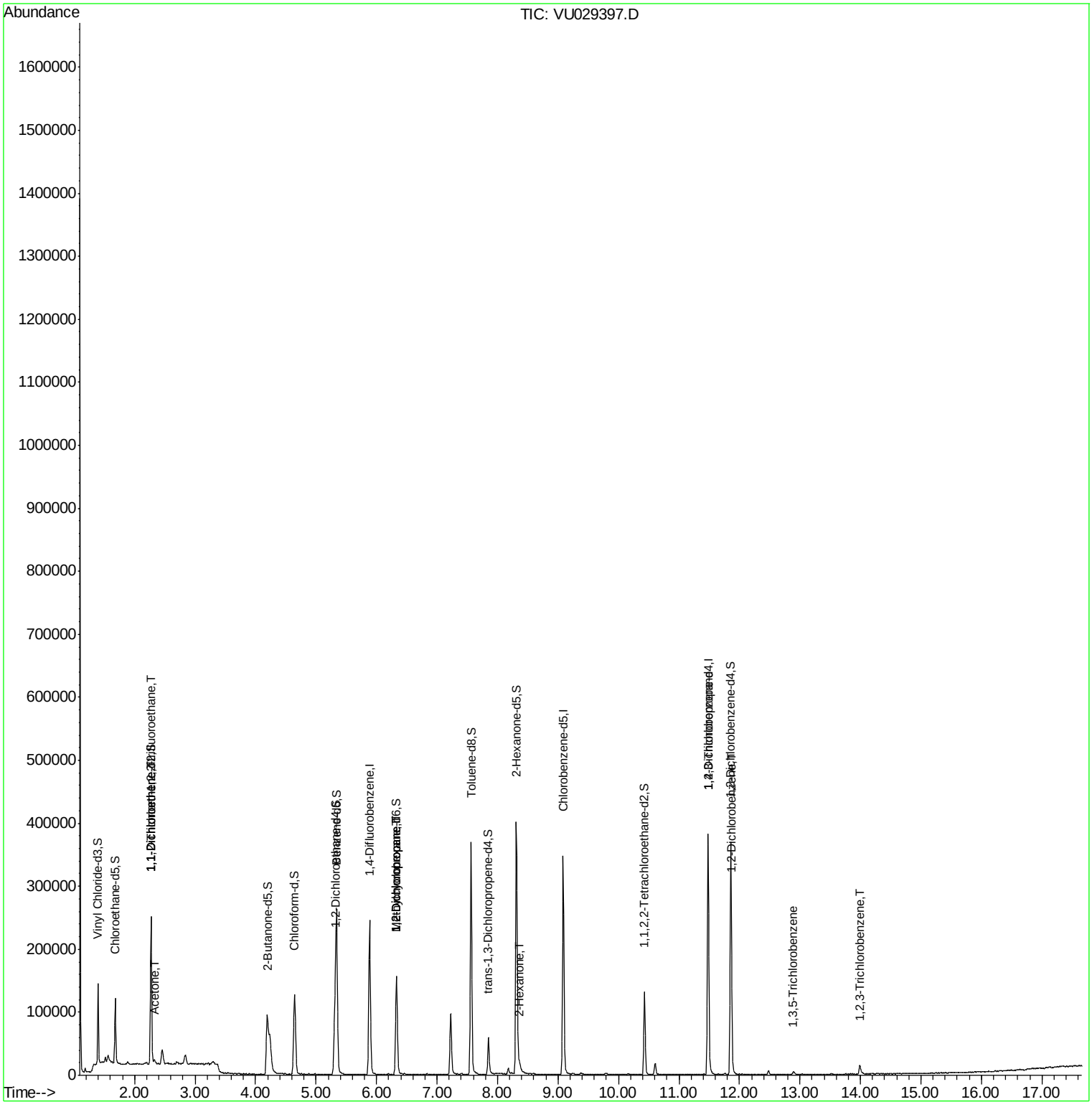
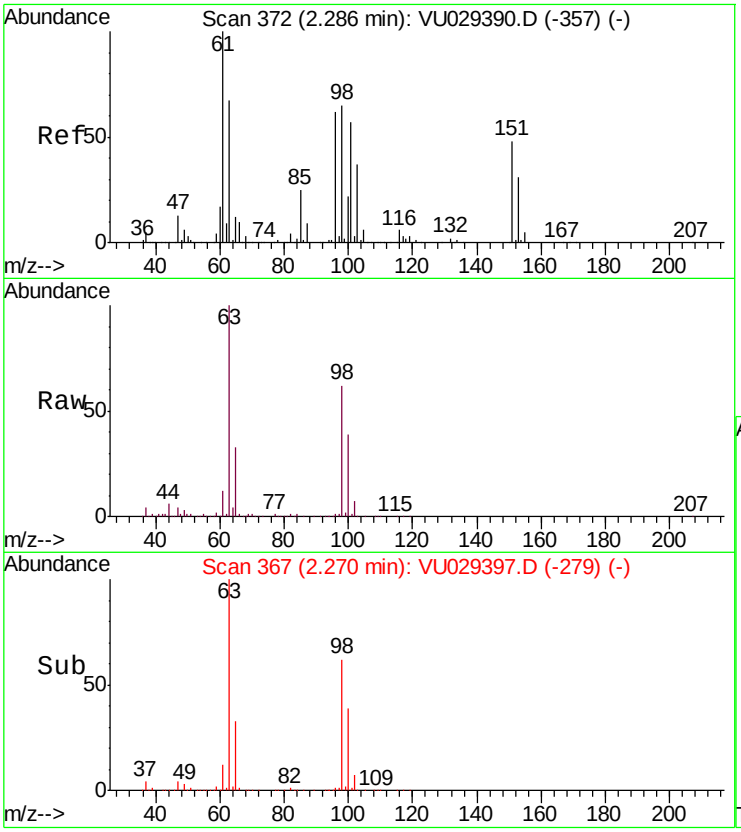
Quant Time: Feb 12 01:23:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 12 01:17:05 2019
Response via : Initial Calibration



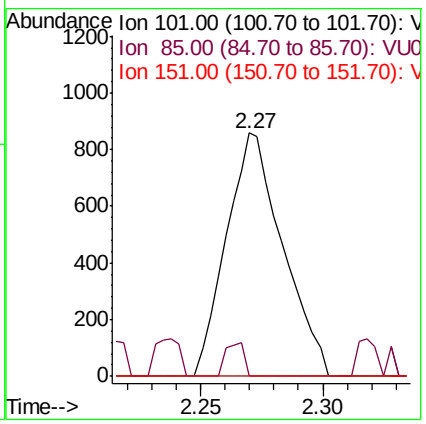


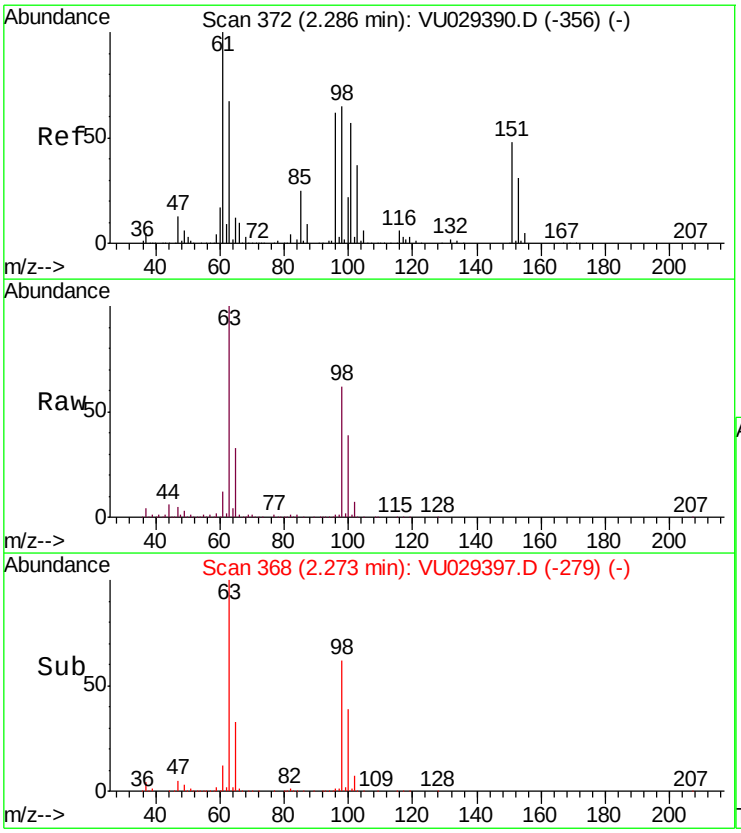
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Instrument : MSVOA_U
ClientSampleId : C0JJ6

Tgt Ion:101 Resp: 1375

Ion	Ratio	Lower	Upper
101	100		
85	4.6	34.9	52.3#
151	0.0	67.0	100.4#

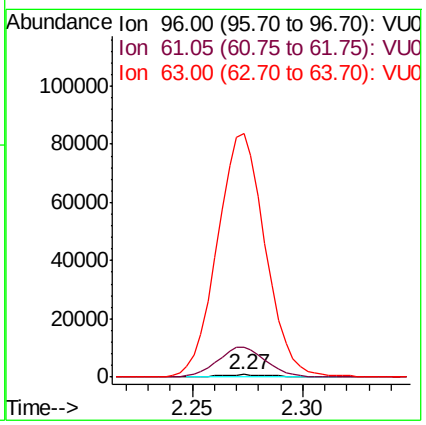


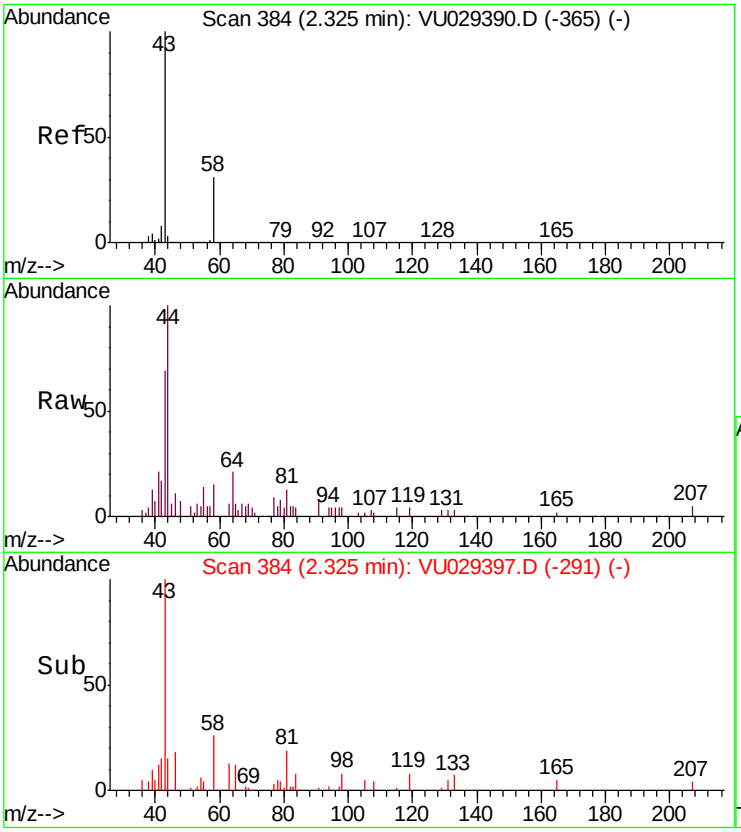


#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Tgt Ion: 96 Resp: 1003

Ion	Ratio	Lower	Upper
96	100		
61	1242.0	112.4	208.8#
63	10091.2	75.5	140.3#



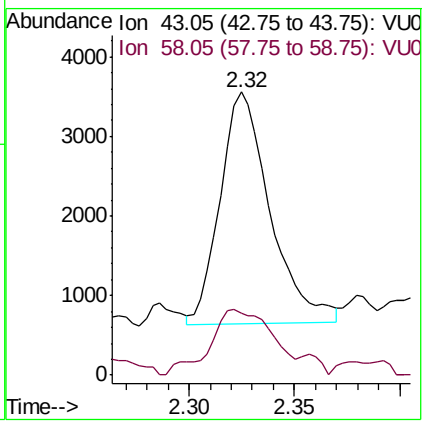


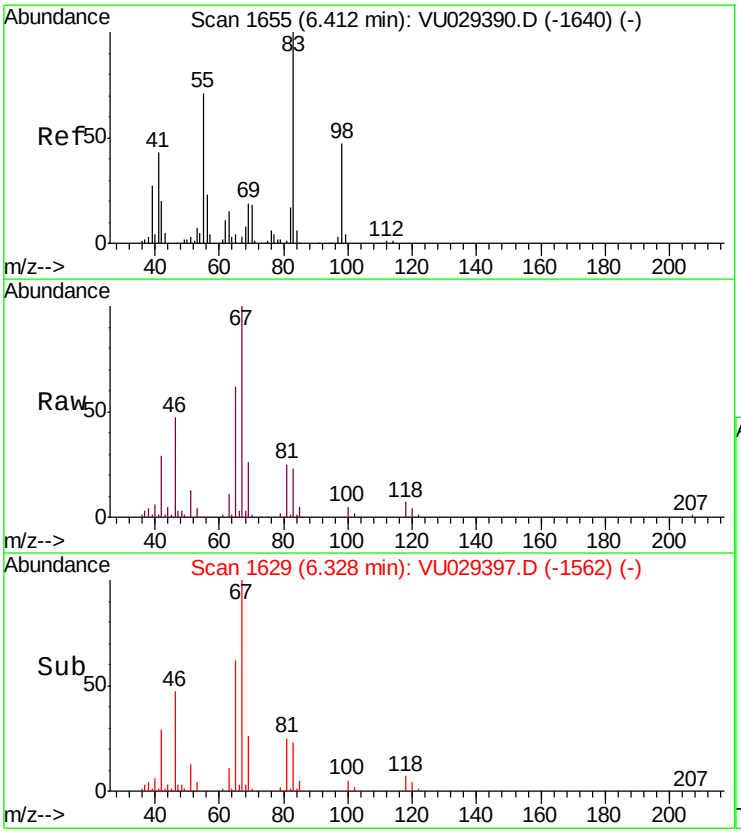
#13
Acetone
Concen: 2.066 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.00 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Instrument :
MSVOA_U
ClientSampleId :
C0JJ6

Tgt Ion: 43 Resp: 4815

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	64.2

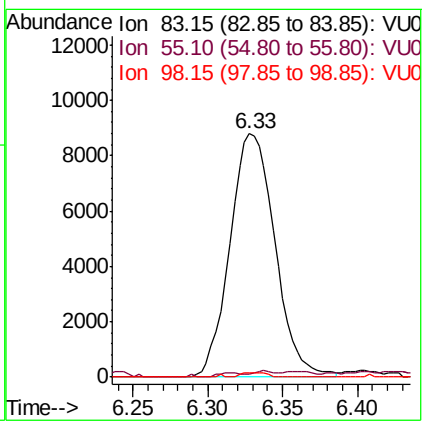


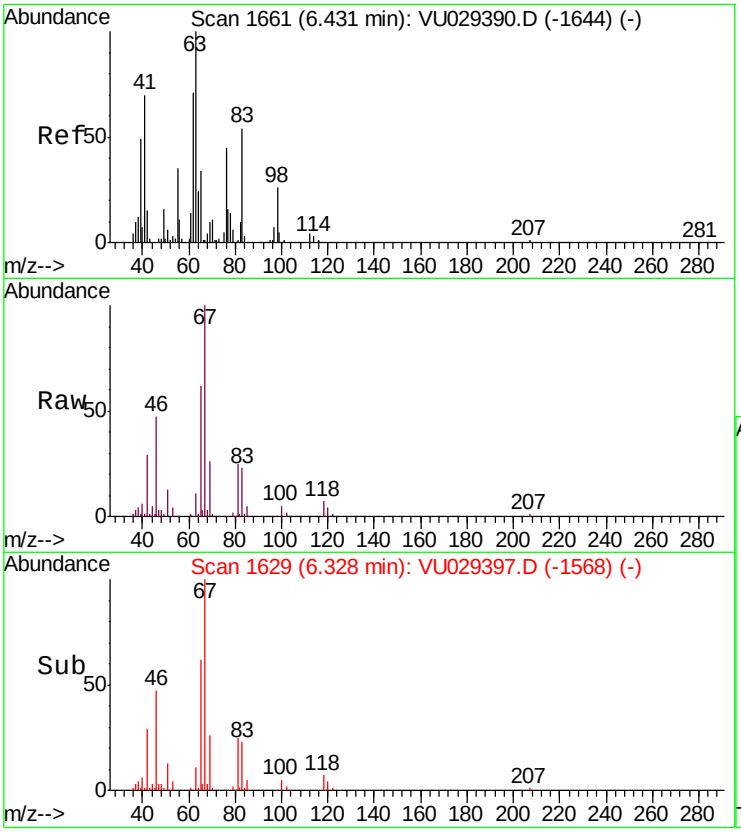


#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Tgt Ion: 83 Resp: 18403

Ion	Ratio	Lower	Upper
83	100		
55	1.3	55.3	82.9#
98	1.0	37.9	56.9#



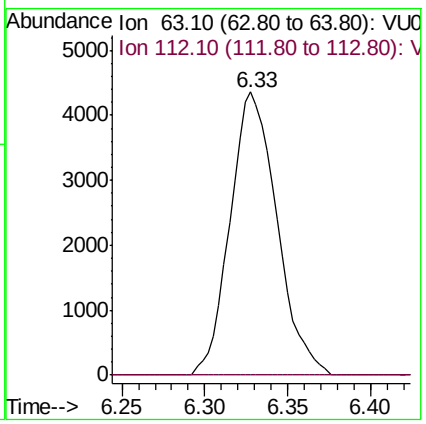


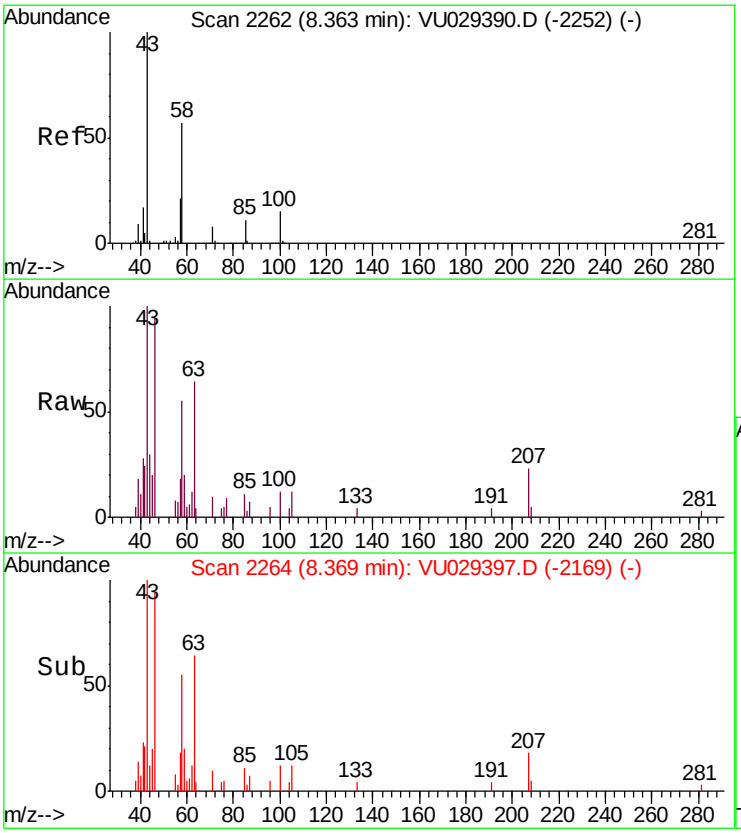
#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Instrument : MSVOA_U
ClientSampleId : C0JJ6

Tgt Ion: 63 Resp: 8565

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

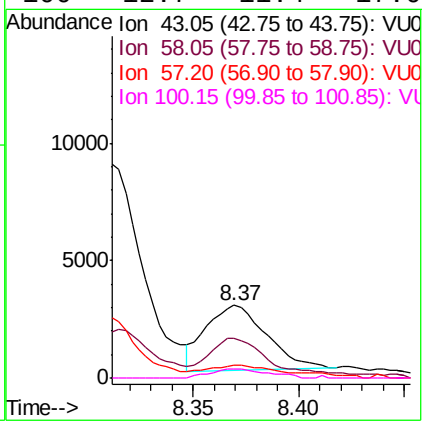


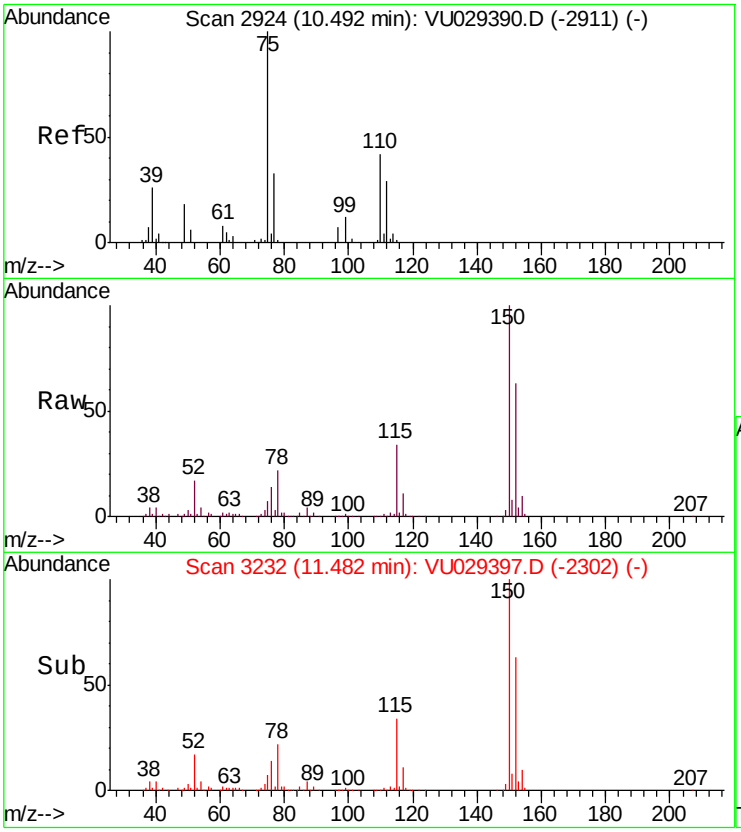


#48
2-Hexanone
Concen: 1.080 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Tgt Ion: 43 Resp: 5569

Ion	Ratio	Lower	Upper
43	100		
58	67.7	45.8	68.6
57	27.2	16.4	24.6#
100	12.7	11.4	17.0



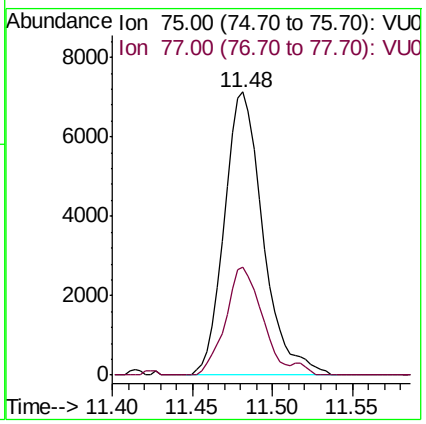


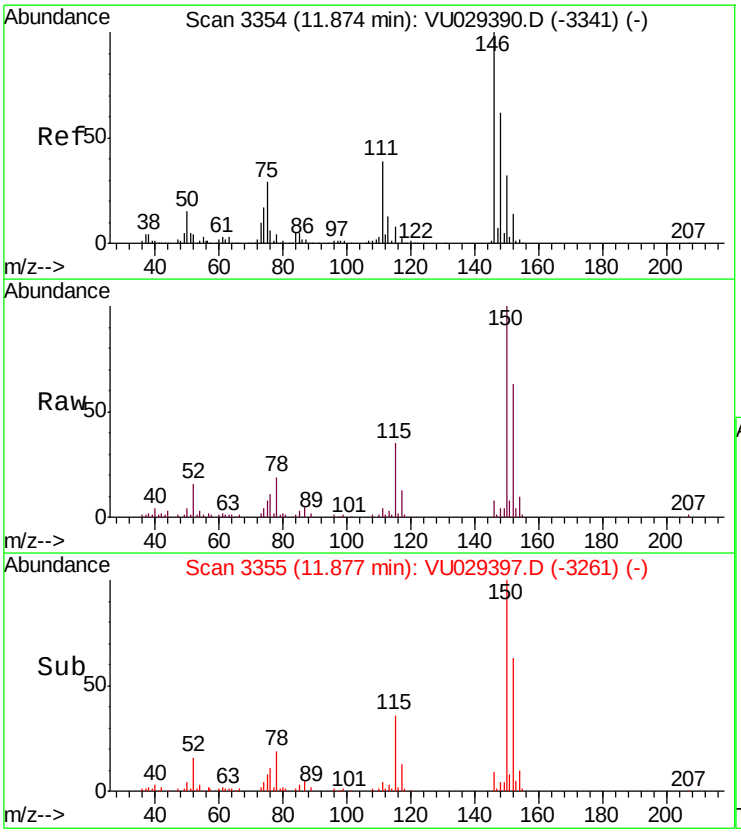
#59
1,2,3-Trichloropropane
Concen: 1.408 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Instrument : MSVOA_U
ClientSampleId : C0JJ6

Tgt Ion: 75 Resp: 11775

Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.8	38.6

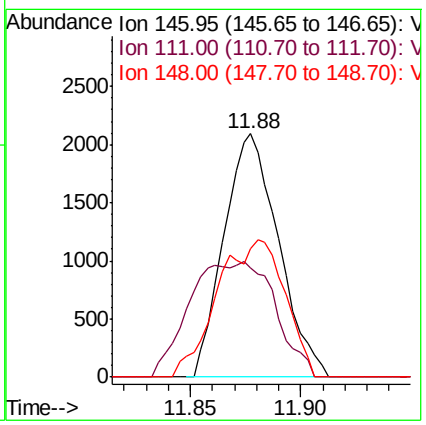


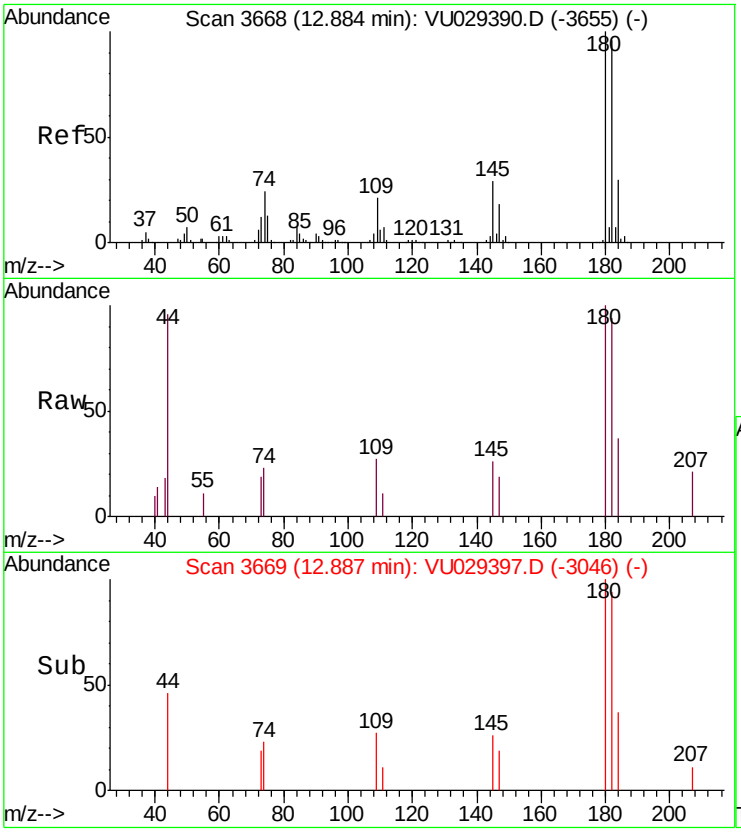


#65
1,2-Dichlorobenzene
Concen: 0.113 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Tgt Ion:146 Resp: 3592

Ion	Ratio	Lower	Upper
146	100		
111	44.9	31.0	46.6
148	52.7	49.4	74.2



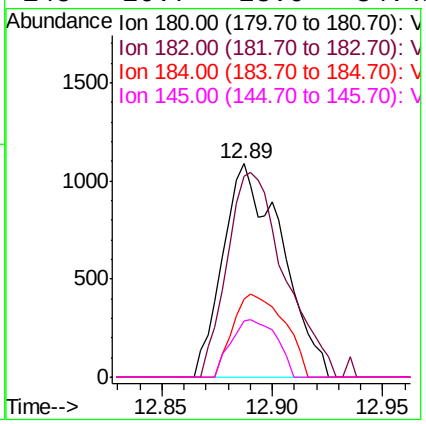


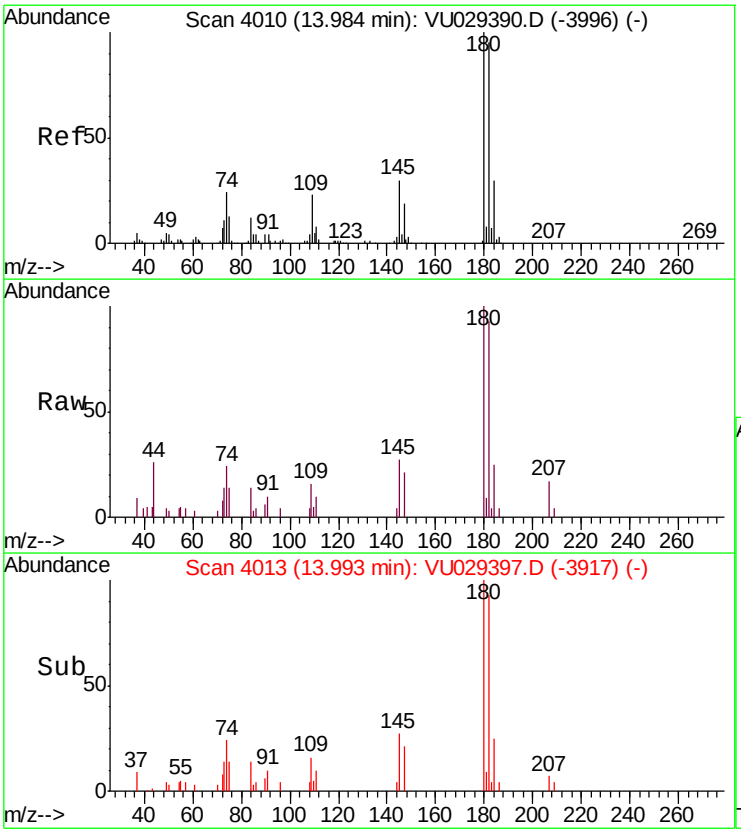
#67
1,3,5-Trichlorobenzene
Concen: 0.072 ug/L
RT: 12.89 min Scan# 3669
Delta R.T. 0.00 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Instrument : MSVOA_U
ClientSampleId : C0JJ6

Tgt Ion:180 Resp: 2018

Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.8	116.6
184	33.7	24.6	37.0
145	20.7	23.0	34.4#





#70
1,2,3-Trichlorobenzene
Concen: 0.305 ug/L
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VU029397.D
Acq: 11 Feb 2019 15:11

Tgt Ion:180 Resp: 6739

Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.2	112.8
145	27.0	23.7	35.5