Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101218\

Quantitation Report (Not Reviewed)

Data File : VU027627.D
Acq On : 12 Oct 2018 16:35
Operator : MD/SY
Sample : J5403-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08Z8

Quant Time: Oct 13 01:42:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169789	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155126	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61826	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	54540	40.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.64%			
7) Chloroethane-d5	1.68	69	45357	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.12%			
11) 1,1-Dichloroethene-d2	2.27	63	79163	31.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.16%			
21) 2-Butanone-d5	4.18	46	107303	99.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.48%			
24) Chloroform-d	4.65	84	100360	46.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.92%			
26) 1,2-Dichloroethane-d4	5.31	65	68640	45.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.66%			
32) Benzene-d6	5.34	84	200530	45.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.22%			
36) 1,2-Dichloropropane-d6	6.33	67	71368	46.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.74%			
41) Toluene-d8	7.57	98	163750	41.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.42%			
43) trans-1,3-Dichloropropene-	7.85	79	29930	40.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.58%			
47) 2-Hexanone-d5	8.31	63	74303	96.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.61%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93452	46.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.86%			
64) 1,2-Dichlorobenzene-d4	11.86	152	56587	46.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.56%			
Target Compounds						Qvalue
13) Acetone	2.32	43	3291	3.720	ug/L	94
25) Chloroform	4.68	83	1514	0.625	ug/L	85
37) 1,2-Dichloropropane	6.33	63	7609	5.152	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1581	0.729	ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1278	0.634	ug/L	90
46) Tetrachloroethene	8.23	164	49852	54.715	ug/L	98
48) 2-Hexanone	8.31	43	8214	4.810	ug/L #	69
49) Dibromochloromethane	8.23	129	47070	38.075	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8342	4.989	ug/L	90

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

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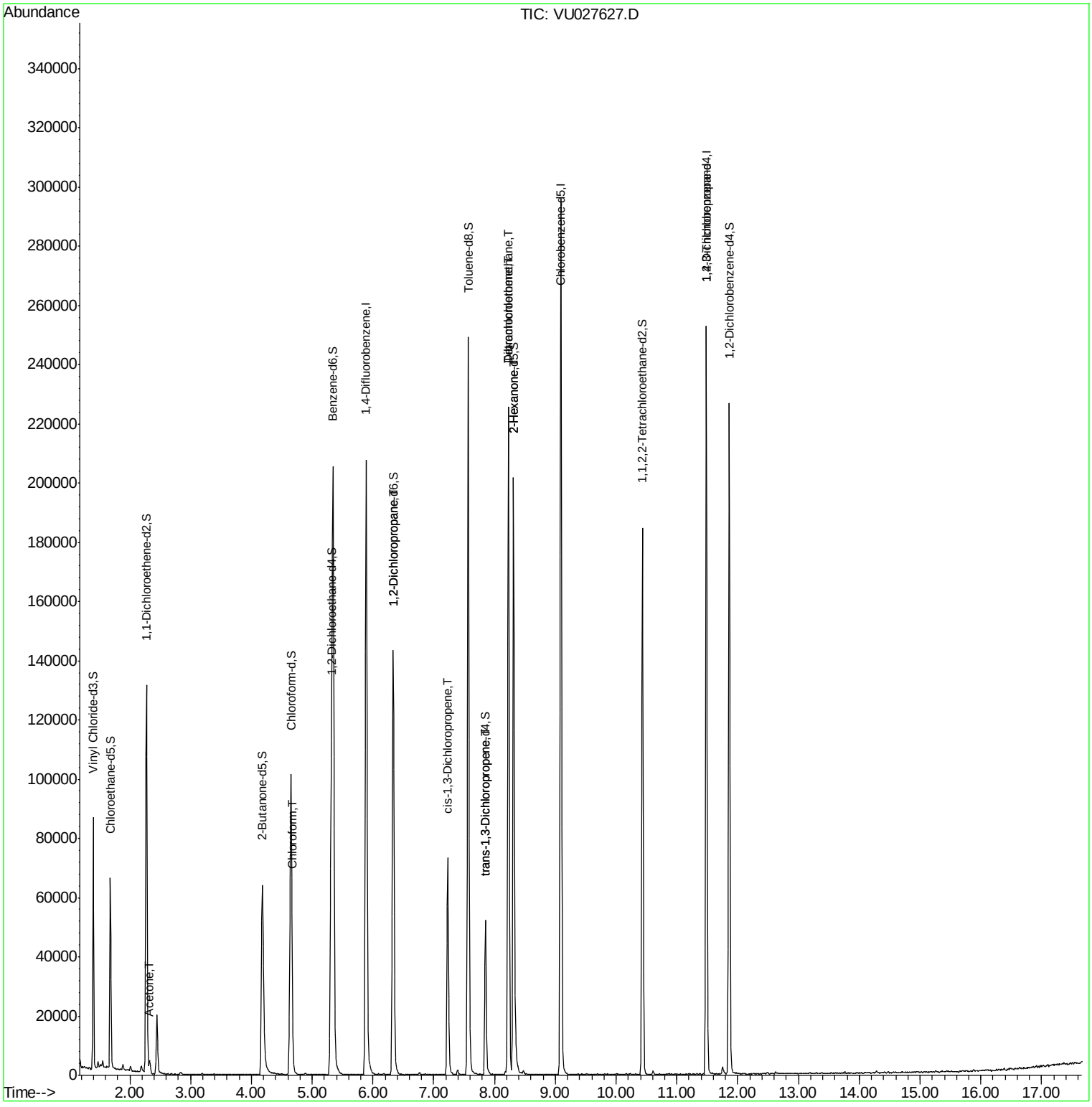
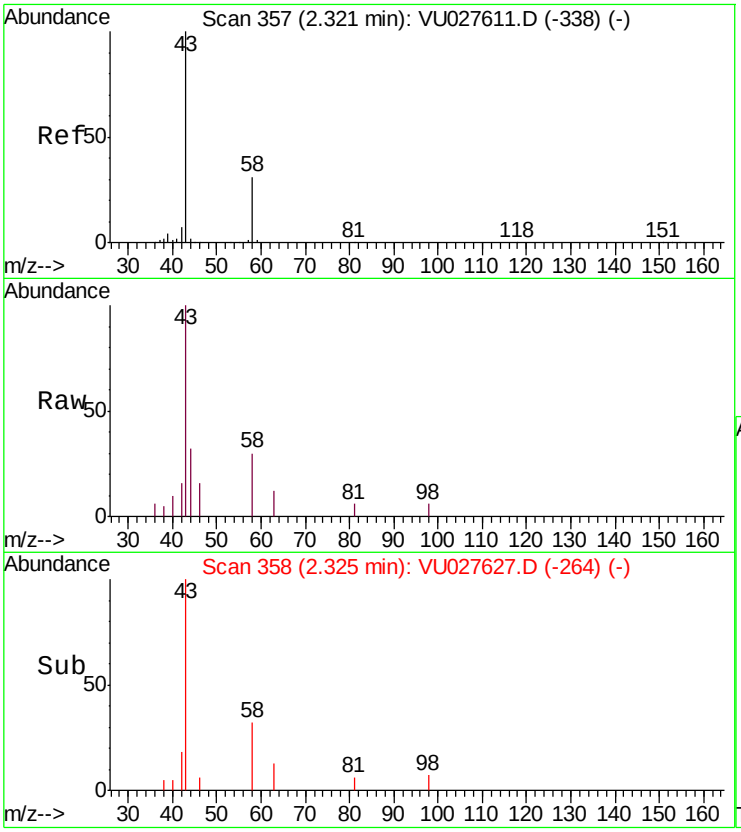
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08Z8

Quant Time: Oct 13 01:42:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration



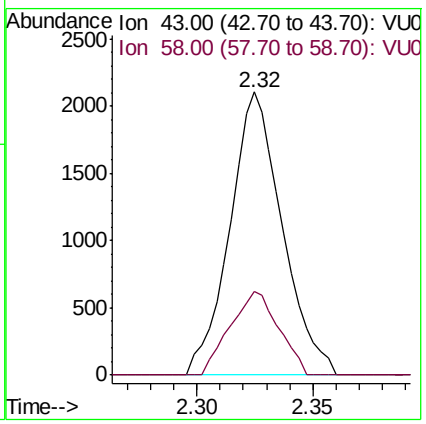


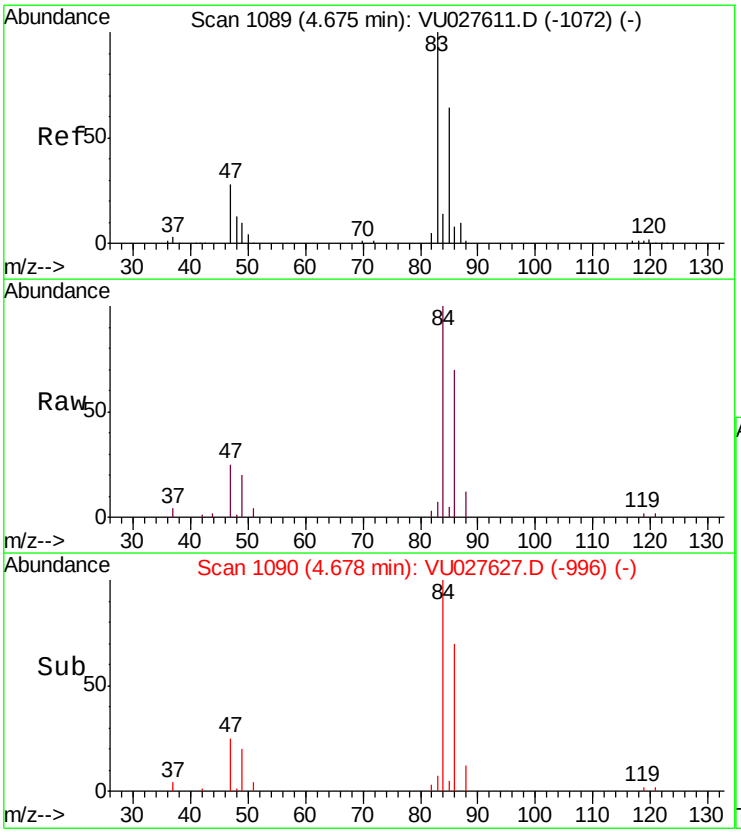
#13
Acetone
Concen: 3.720 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
C08Z8

Tgt Ion: 43 Resp: 3291

Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	60.8

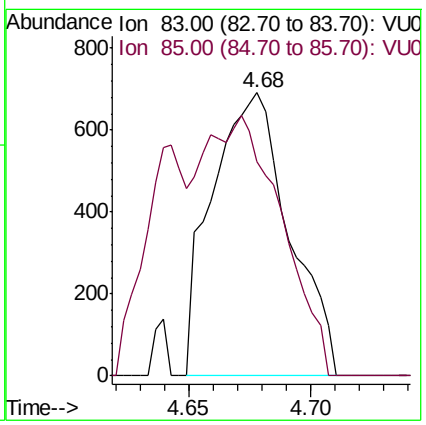


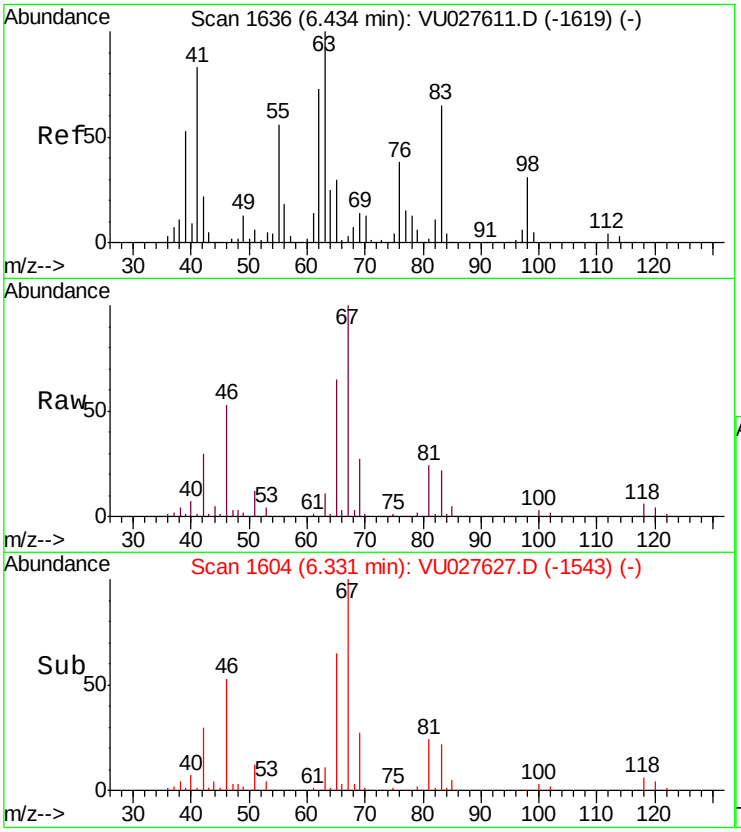


#25
Chloroform
Concen: 0.625 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Tgt Ion: 83 Resp: 1514

Ion	Ratio	Lower	Upper
83	100		
85	75.7	45.0	83.6



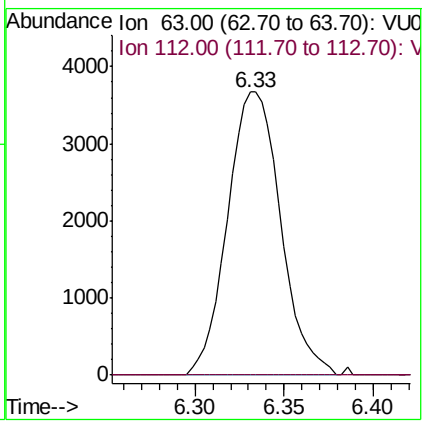


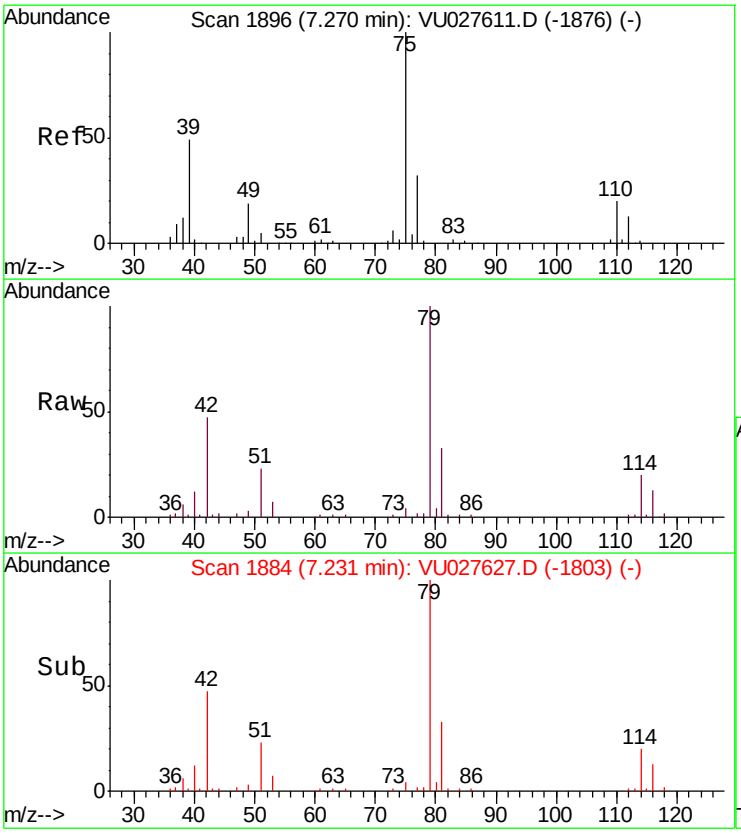
#37
1,2-Dichloropropane
Concen: 5.152 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Instrument : MSVOA_U
ClientSampleId : C08Z8

Tgt Ion: 63 Resp: 7609

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

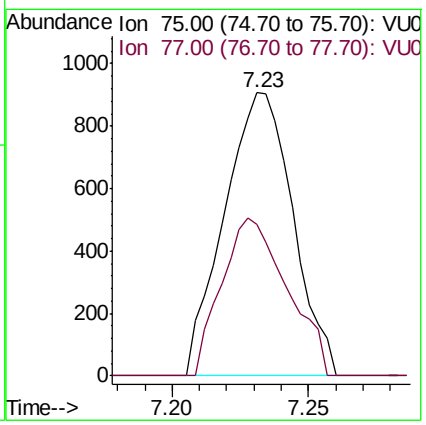


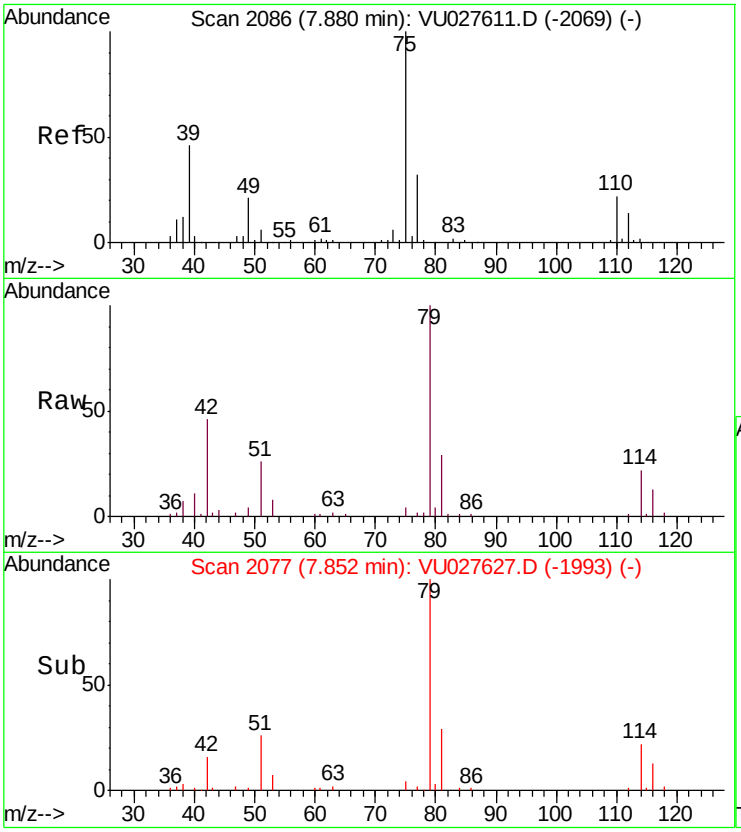


#39
cis-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Tgt Ion: 75 Resp: 1581

Ion	Ratio	Lower	Upper
75	100		
77	53.5	22.1	41.1#



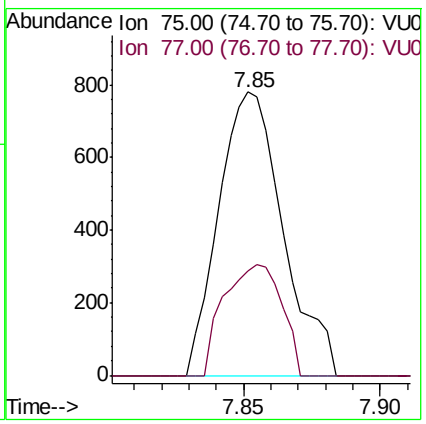


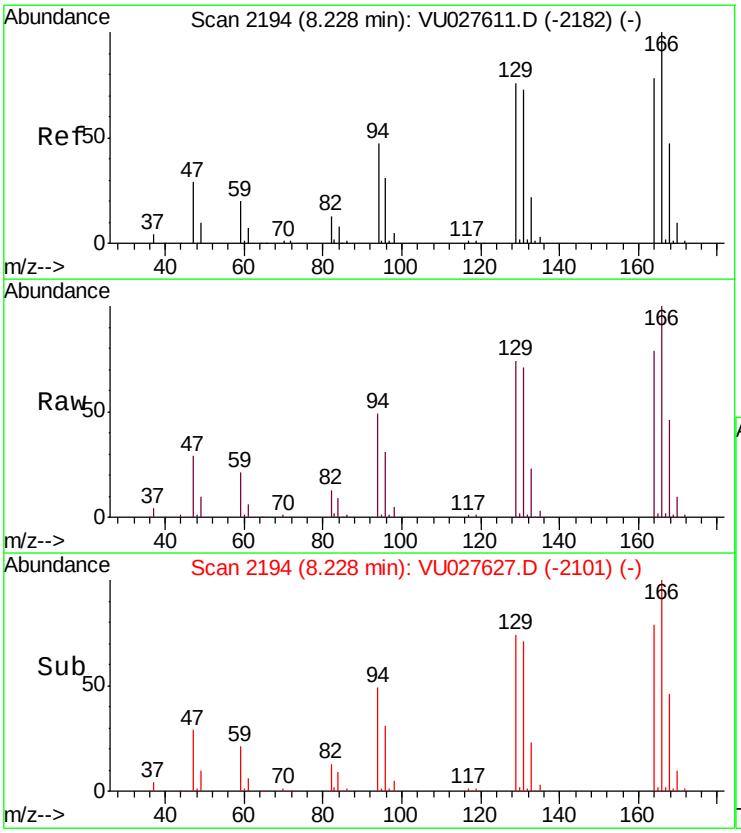
#44
trans-1,3-Dichloropropene
Concen: 0.634 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Instrument : MSVOA_U
ClientSampleId : C08Z8

Tgt Ion: 75 Resp: 1278

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.2	41.2

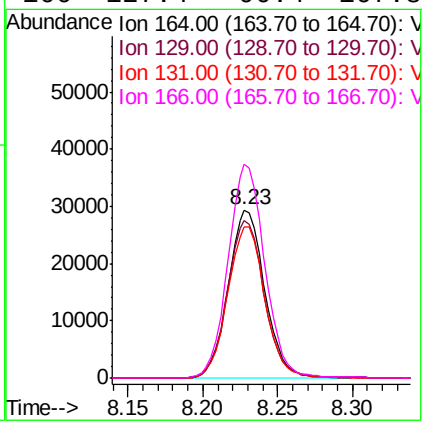


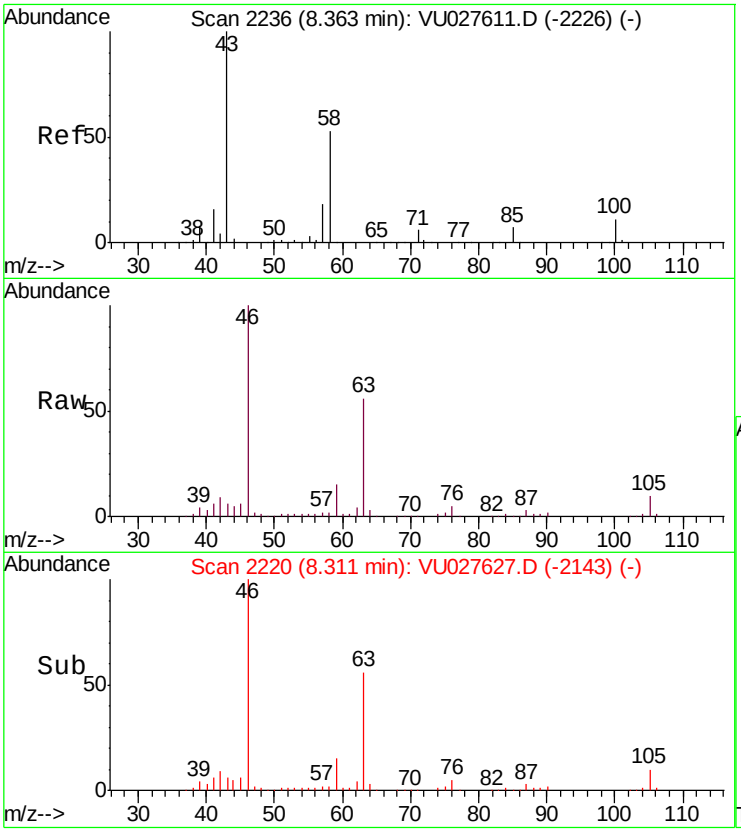


#46
Tetrachloroethene
Concen: 54.715 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Tgt Ion:164 Resp: 49852

Ion	Ratio	Lower	Upper
164	100		
129	93.8	67.0	124.4
131	90.4	65.1	120.9
166	127.4	90.4	167.8



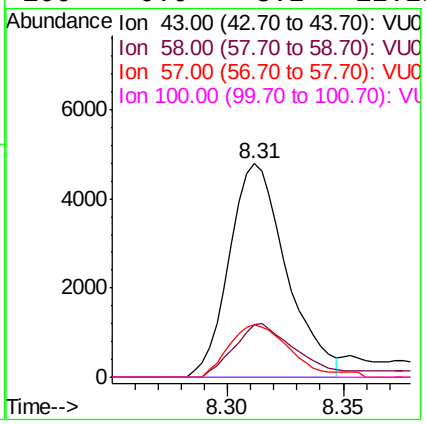


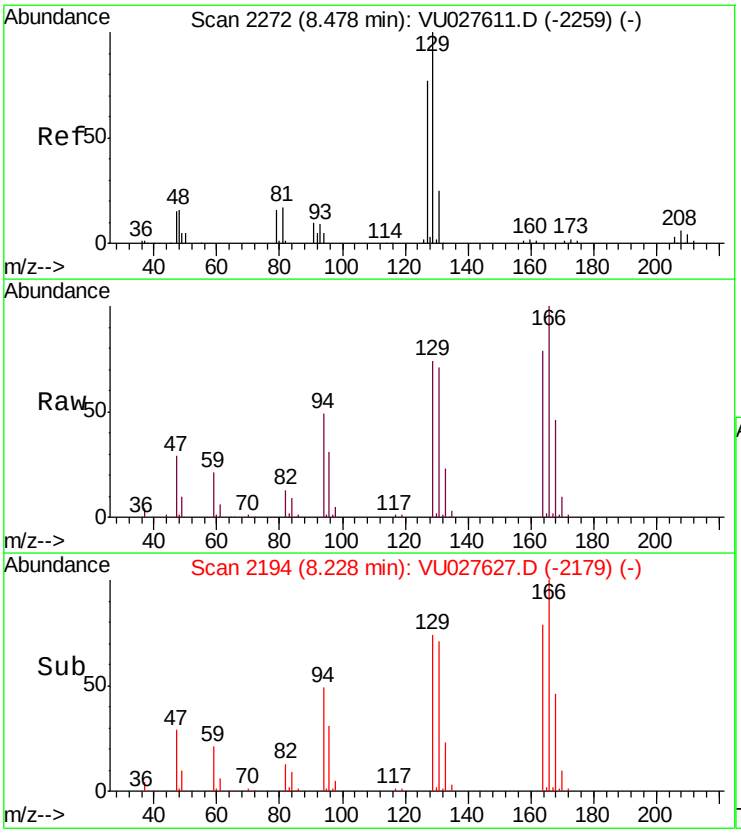
#48
2-Hexanone
Concen: 4.810 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Instrument : MSVOA_U
ClientSampleId : C08Z8

Tgt Ion: 43 Resp: 8214

Ion	Ratio	Lower	Upper
43	100		
58	27.2	42.7	64.1#
57	25.8	14.5	21.7#
100	0.0	8.2	12.2#

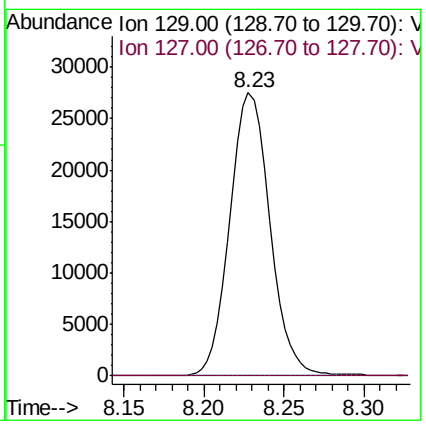


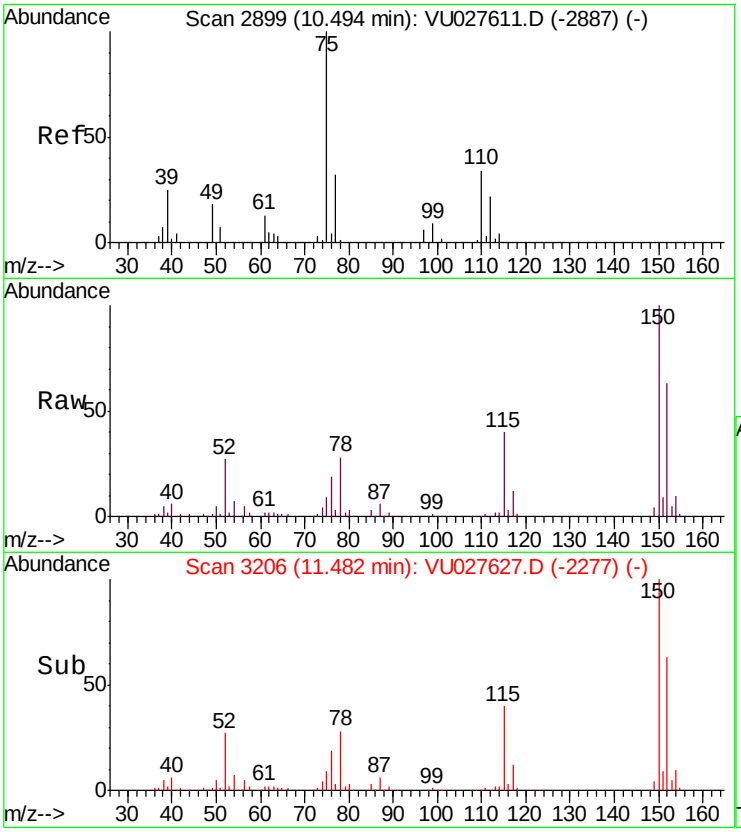


#49
Dibromochloromethane
Concen: 38.075 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Tgt Ion:129 Resp: 47070

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.7	97.9#





#59
1,2,3-Trichloropropane
Concen: 4.989 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027627.D
Acq: 12 Oct 2018 16:35

Instrument :
MSVOA_U
ClientSampleId :
C08Z8

Tgt Ion: 75 Resp: 8342

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.7	38.5