Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029508.D
Acq On : 15 Feb 2019 20:06
Operator : JC/SP
Sample : K1438-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Feb 16 00:18:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195025	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100919	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	61446	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.68	69	55845	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.27	63	102407	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	4.20	46	131033	48.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.20%			
24) Chloroform-d	4.65	84	90269	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.31	65	55549	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.34	84	224131	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.33	67	66504	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.56	98	224410	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	7.85	79	27532	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.31	63	140967	51.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56417	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	98968	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			

Target Compounds						Qvalue
8) Chloroethane	1.77	64	1491	0.122	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	973	0.057	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	1030	0.064	ug/L #	1
13) Acetone	2.33	43	1354	0.547	ug/L	91
16) Methylene chloride	2.70	84	7322	0.406	ug/L	93
25) Chloroform	4.68	83	15220	0.590	ug/L	95
35) Methylcyclohexane	6.33	83	16012	0.616	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7454	0.541	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2175	0.100	ug/L	88
48) 2-Hexanone	8.36	43	1987	0.343	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	9432	1.067	ug/L	94

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

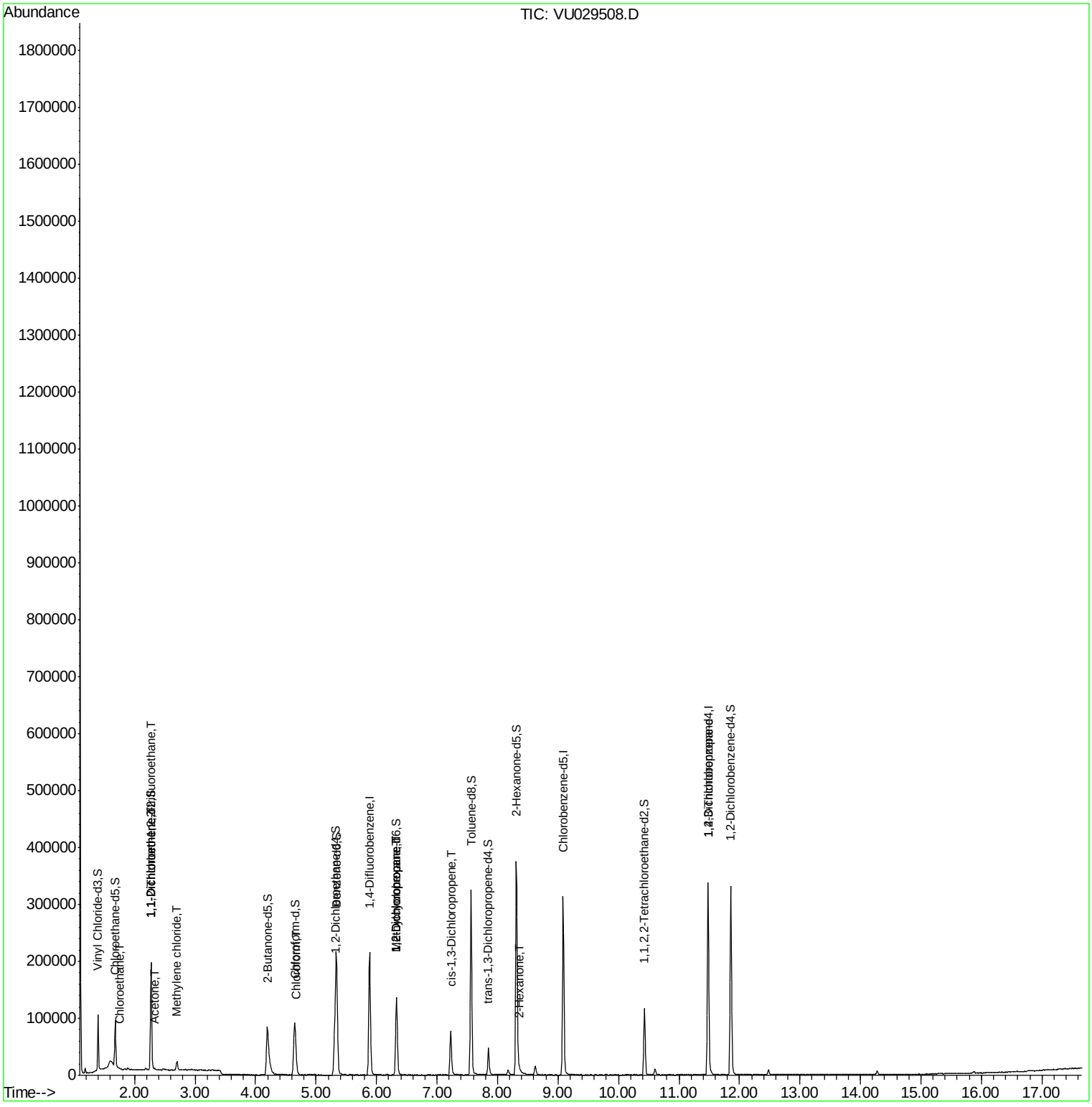
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

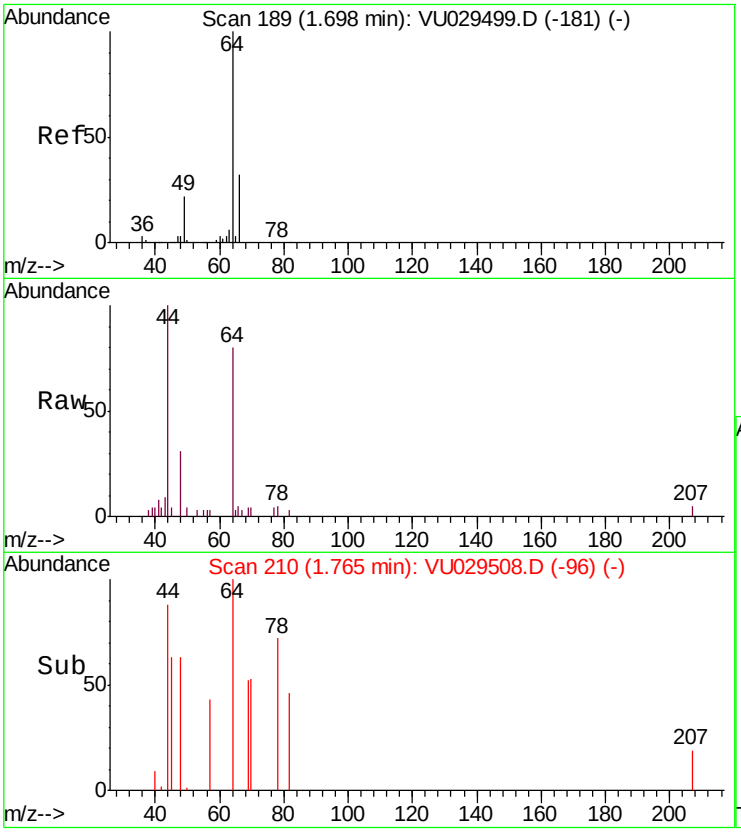
Quantitation Report (Not Reviewed)

Data File : VU029508.D
Acq On : 15 Feb 2019 20:06
Operator : JC/SP
Sample : K1438-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 16 00:18:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration



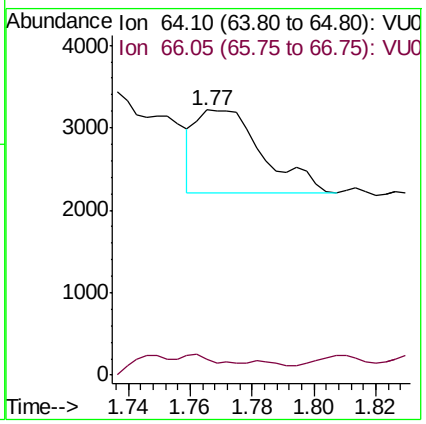


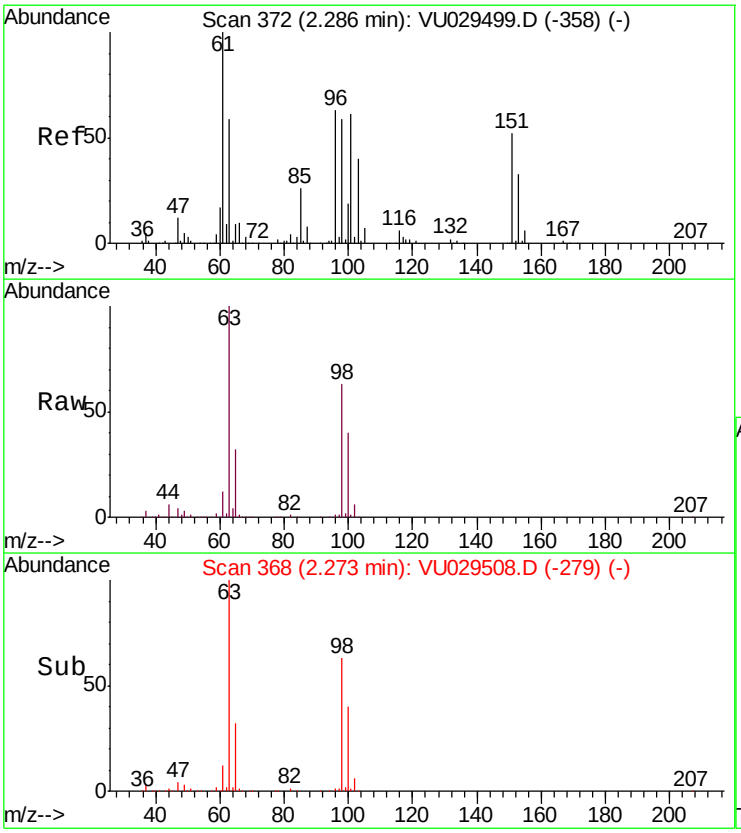
#8
Chloroethane
Concen: 0.122 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.07 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 64 Resp: 1491

Ion	Ratio	Lower	Upper
64	100		
66	5.8	22.0	40.8#

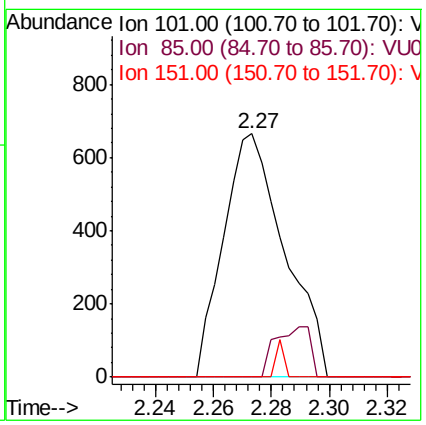


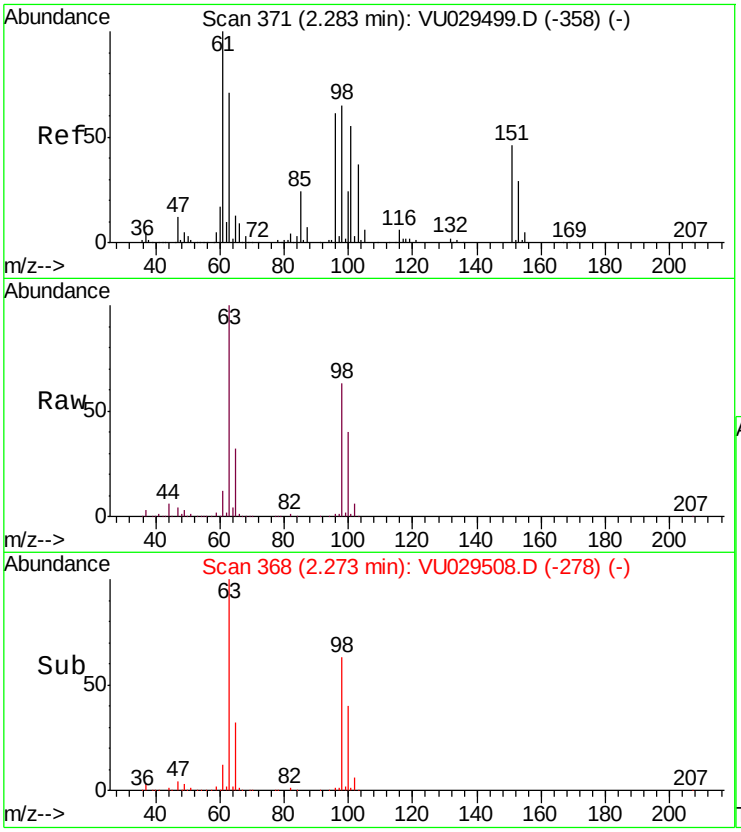


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Tgt Ion:101 Resp: 973

Ion	Ratio	Lower	Upper
101	100		
85	11.8	35.1	52.7#
151	2.1	67.0	100.6#



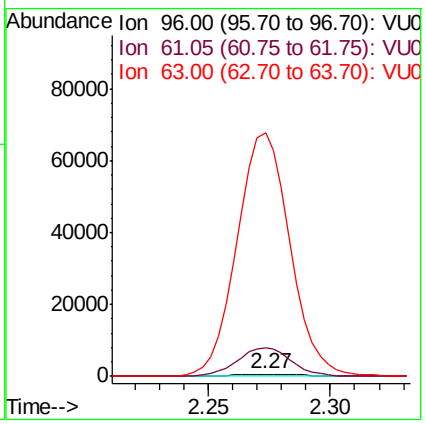


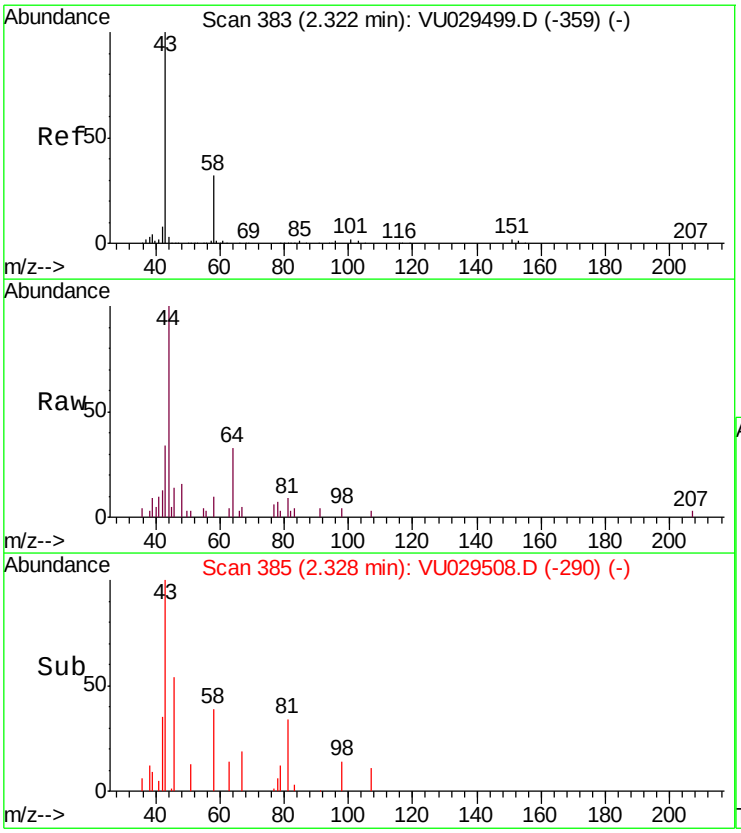
#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 96 Resp: 1030

Ion	Ratio	Lower	Upper
96	100		
61	1568.1	115.1	213.7#
63	13441.3	83.5	155.1#

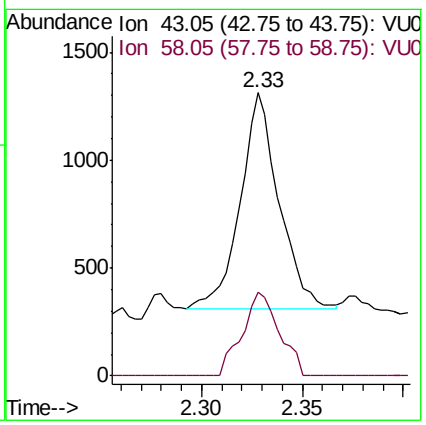


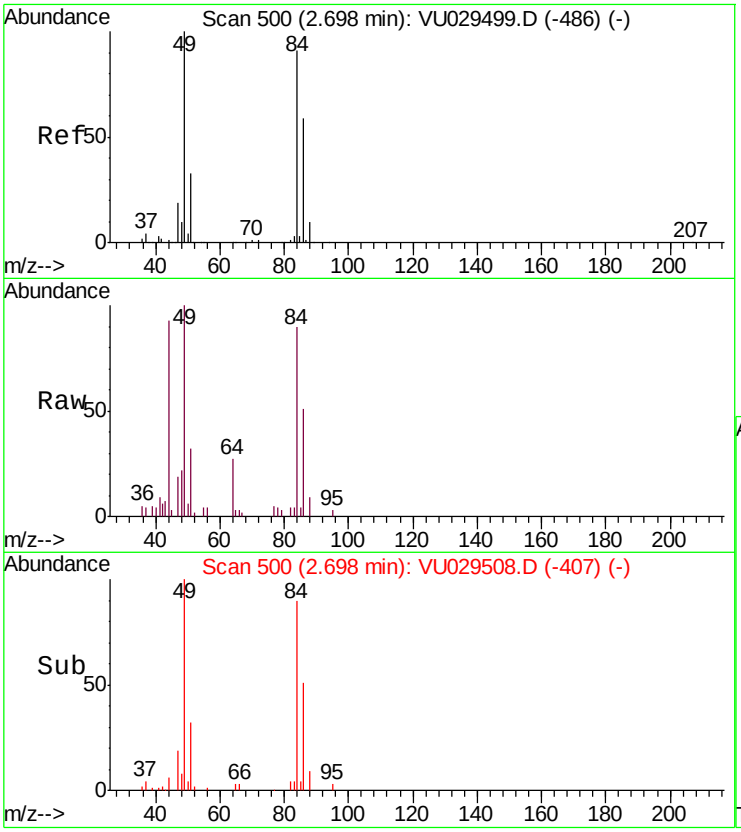


#13
Acetone
Concen: 0.547 ug/L
RT: 2.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Tgt Ion: 43 Resp: 1354

Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	65.0



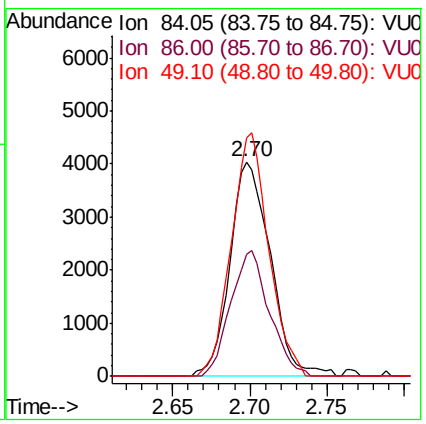


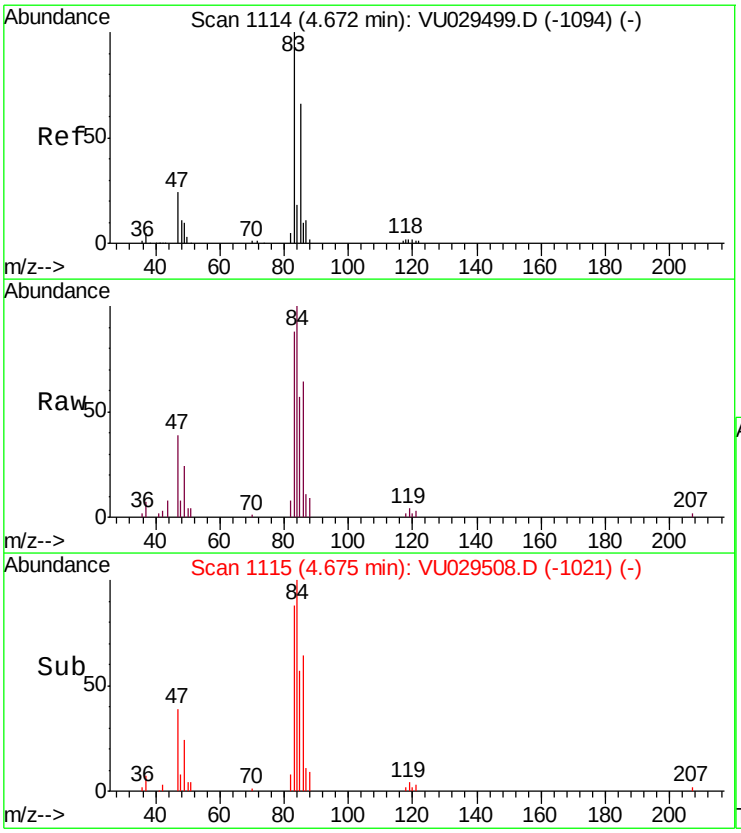
#16
Methylene chloride
Concen: 0.406 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 84 Resp: 7322

Ion	Ratio	Lower	Upper
84	100		
86	56.7	45.1	83.9
49	111.3	81.8	151.8

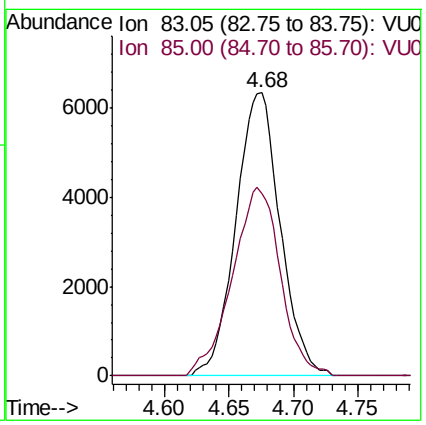


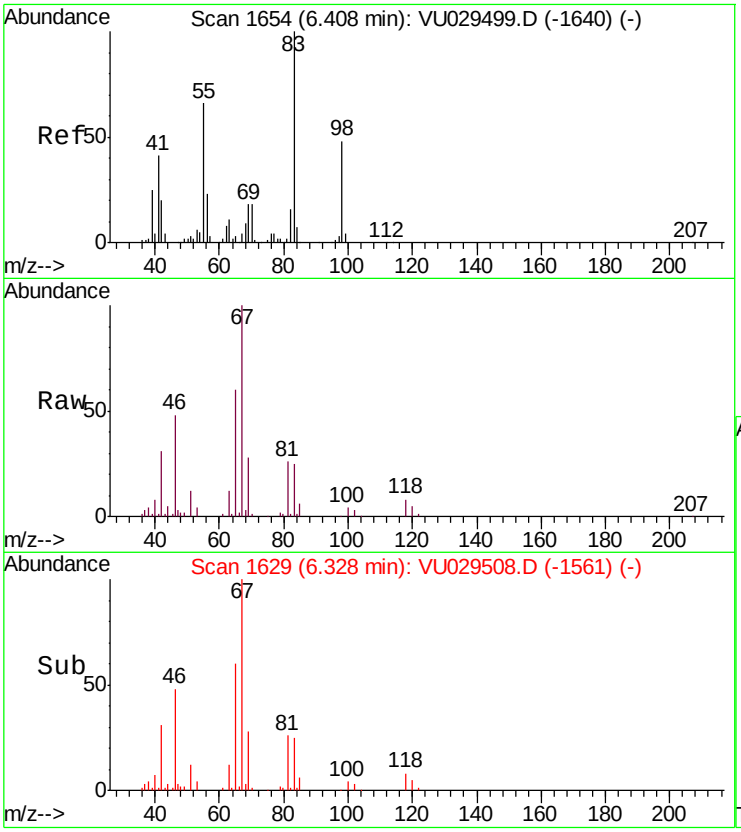


#25
Chloroform
Concen: 0.590 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Tgt Ion: 83 Resp: 15220

Ion	Ratio	Lower	Upper
83	100		
85	64.4	47.8	88.8



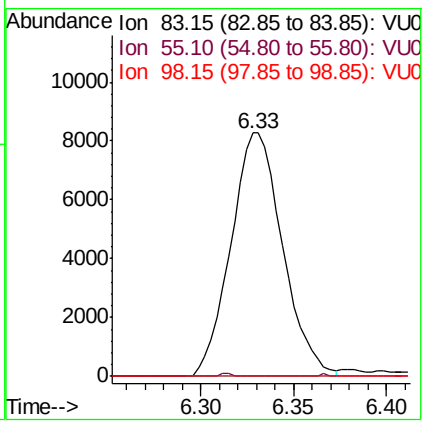


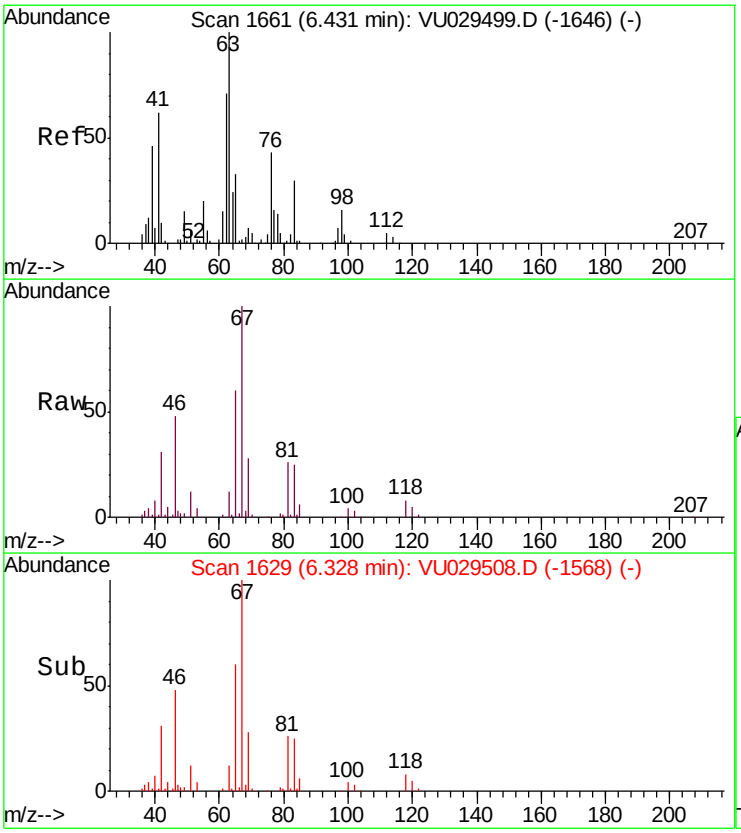
#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 83 Resp: 16012

Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.9	83.9#
98	0.0	38.6	57.8#

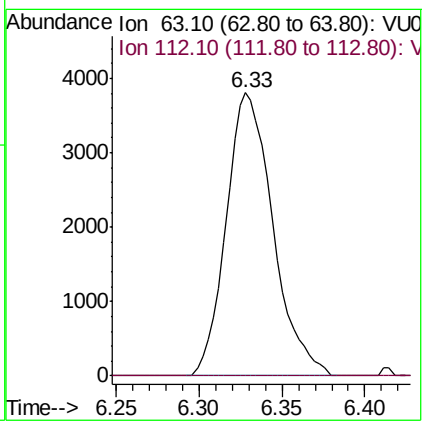


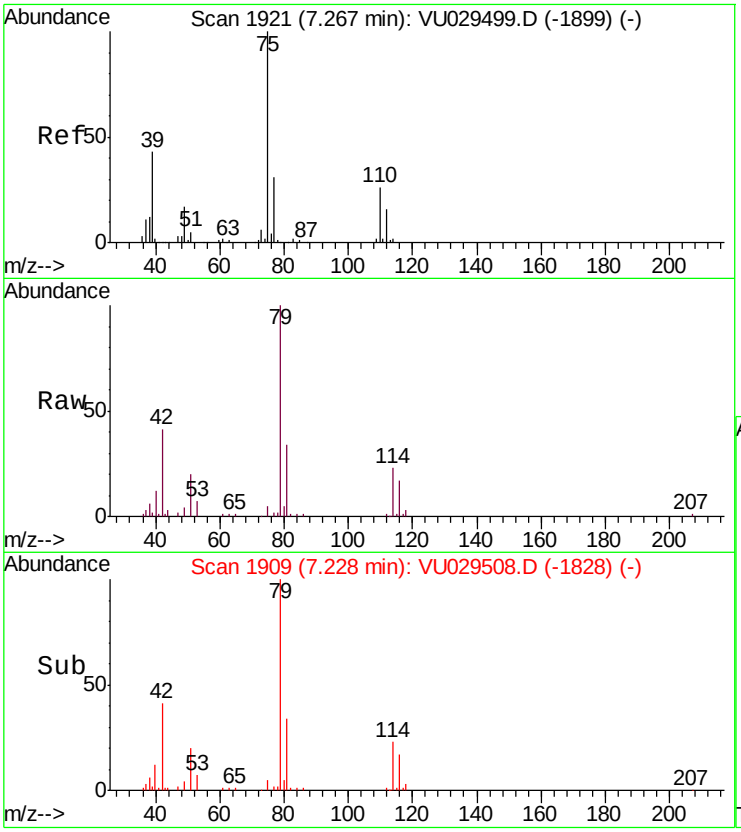


#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Tgt Ion: 63 Resp: 7454

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



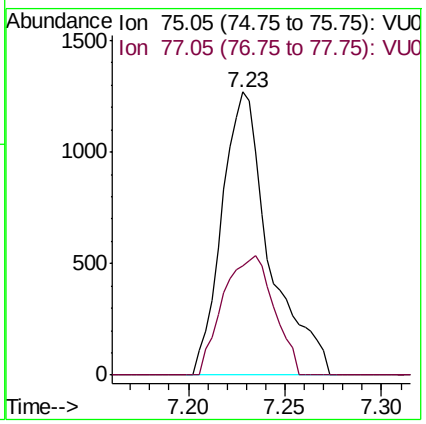


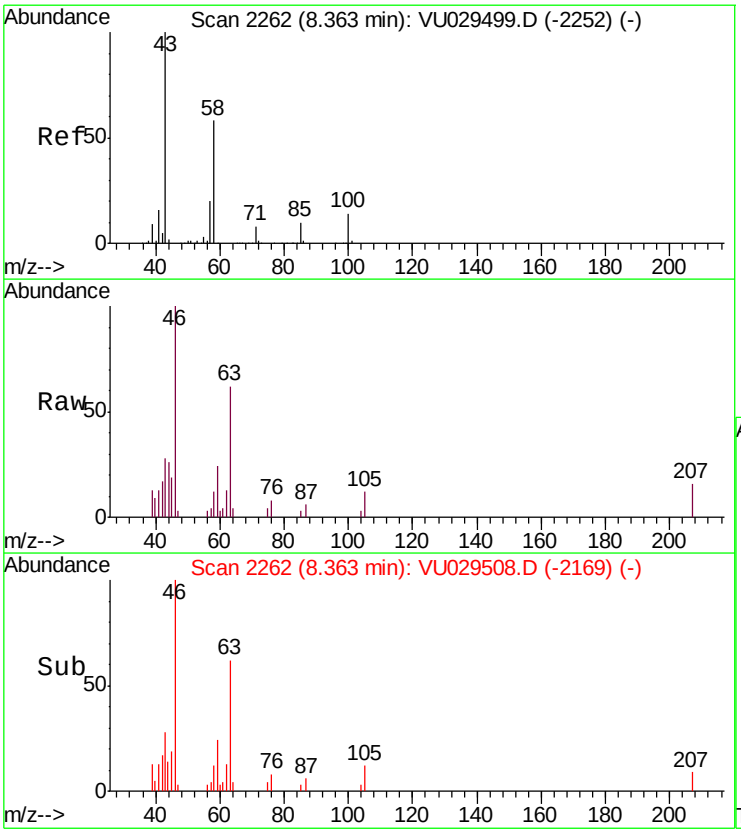
#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2175

Ion	Ratio	Lower	Upper
75	100		
77	38.6	22.3	41.3

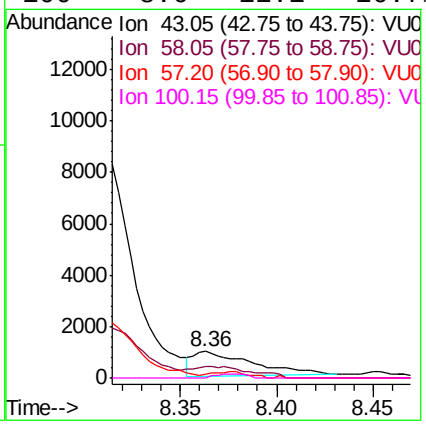


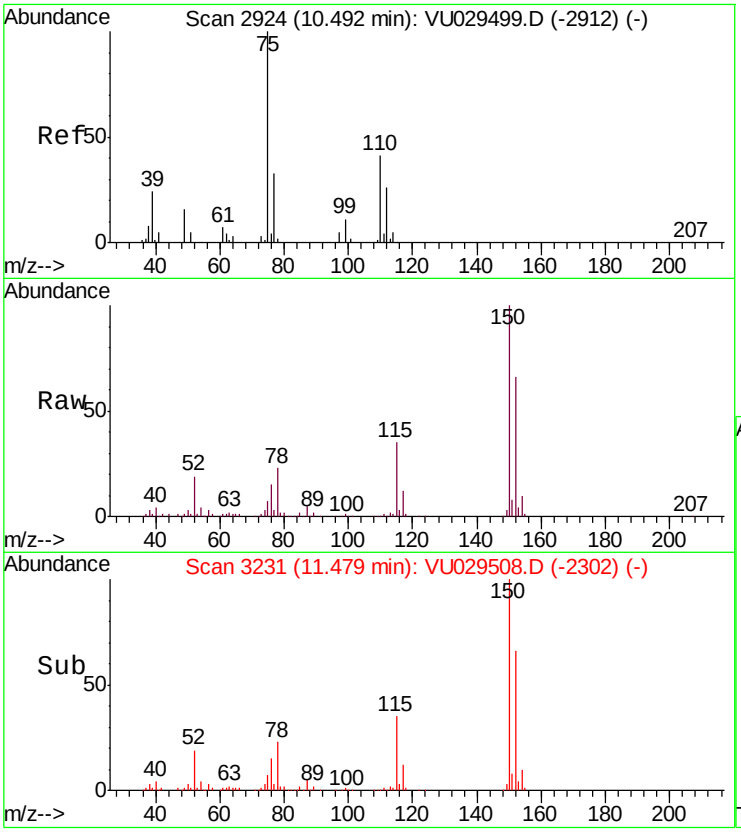


#48
2-Hexanone
Concen: 0.343 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Tgt Ion: 43 Resp: 1987

Ion	Ratio	Lower	Upper
43	100		
58	49.0	45.7	68.5
57	16.6	16.4	24.6
100	8.6	11.1	16.7#





#59
1,2,3-Trichloropropane
Concen: 1.067 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029508.D
Acq: 15 Feb 2019 20:06

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 9432

Ion	Ratio	Lower	Upper
75	100		
77	38.6	28.2	42.2