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

Quantitation Report (Not Reviewed)

Data File : VU029510.D
Acq On : 15 Feb 2019 20:54
Operator : JC/SP
Sample : K1494-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AL0

Quant Time: Feb 16 00:18:40 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	184225	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177714	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94043	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	59617	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.68	69	53666	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.27	63	95659	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	4.19	46	128249	49.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.66%			
24) Chloroform-d	4.65	84	88896	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.31	65	52778	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.34	84	215087	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.33	67	63666	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.56	98	217139	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	7.85	79	25178	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.31	63	137352	52.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54889	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	94917	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1264	0.079	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	990	0.065	ug/L #	1
13) Acetone	2.32	43	2826	1.209	ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	1418	0.095	ug/L #	52
25) Chloroform	4.67	83	15384	0.631	ug/L	100
34) Trichloroethene	6.18	95	5835	0.397	ug/L	96
35) Methylcyclohexane	6.33	83	15236	0.616	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6981	0.533	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1835	0.089	ug/L #	73
48) 2-Hexanone	8.37	43	1757	0.319	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	9356	1.113	ug/L	97

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

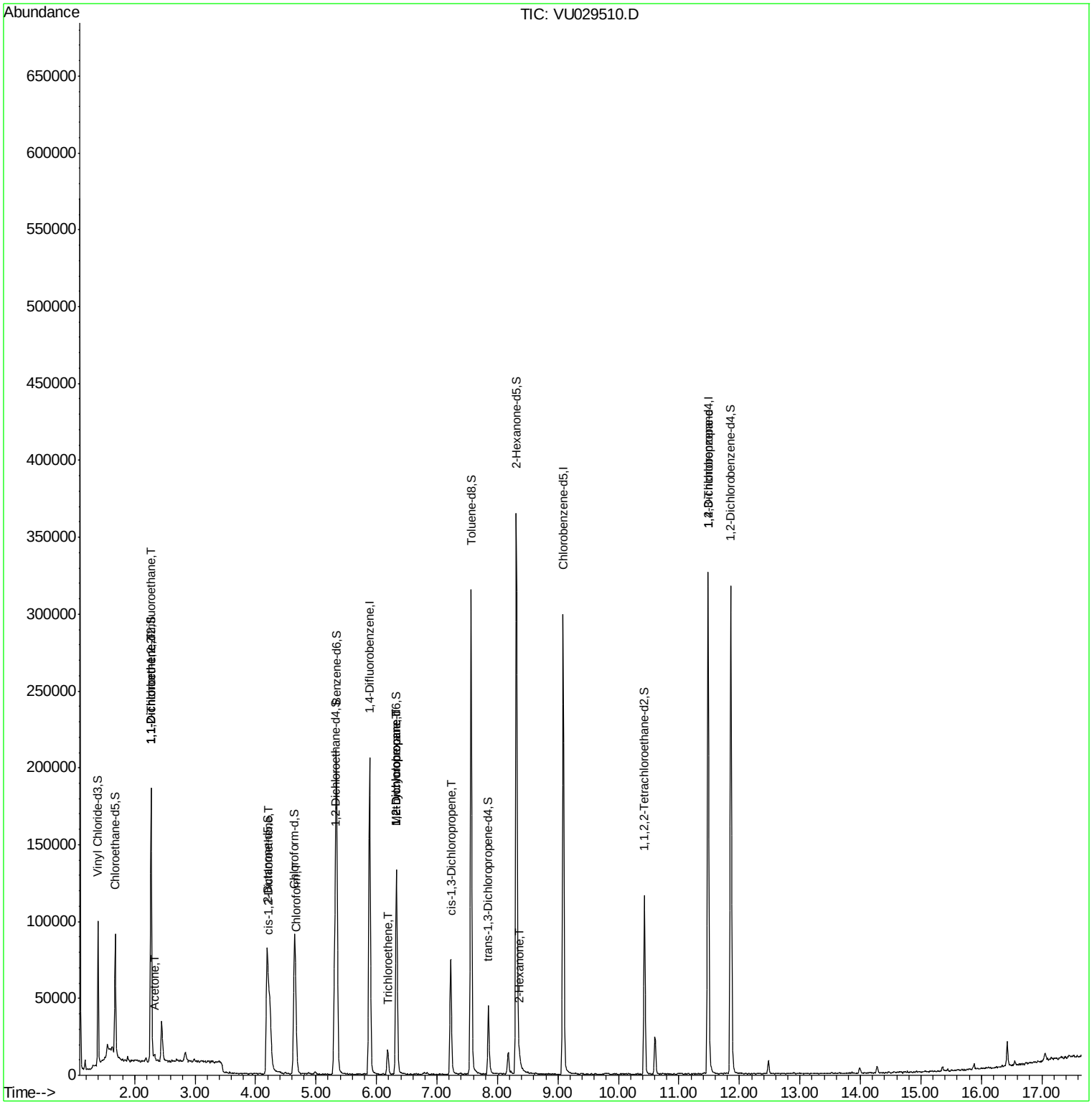
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

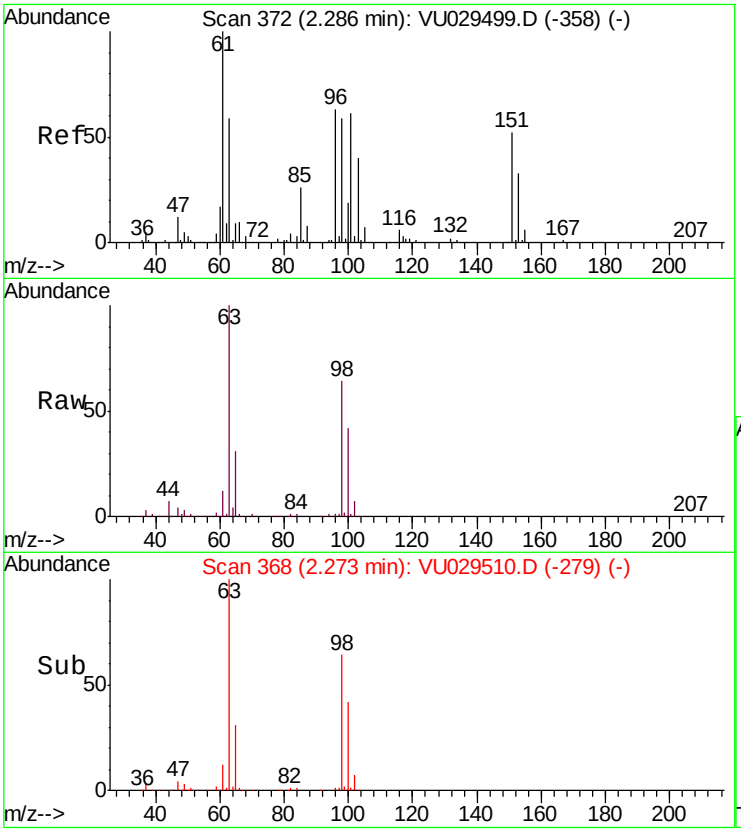
Quantitation Report (Not Reviewed)

Data File : VU029510.D
Acq On : 15 Feb 2019 20:54
Operator : JC/SP
Sample : K1494-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Quant Time: Feb 16 00:18:40 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



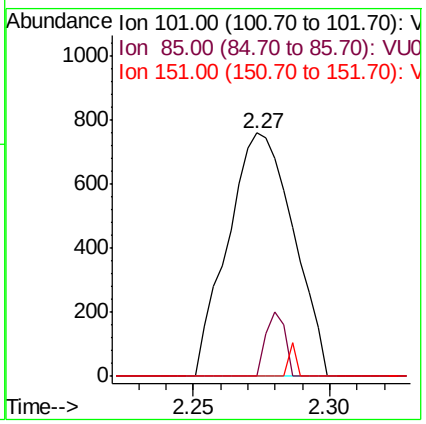


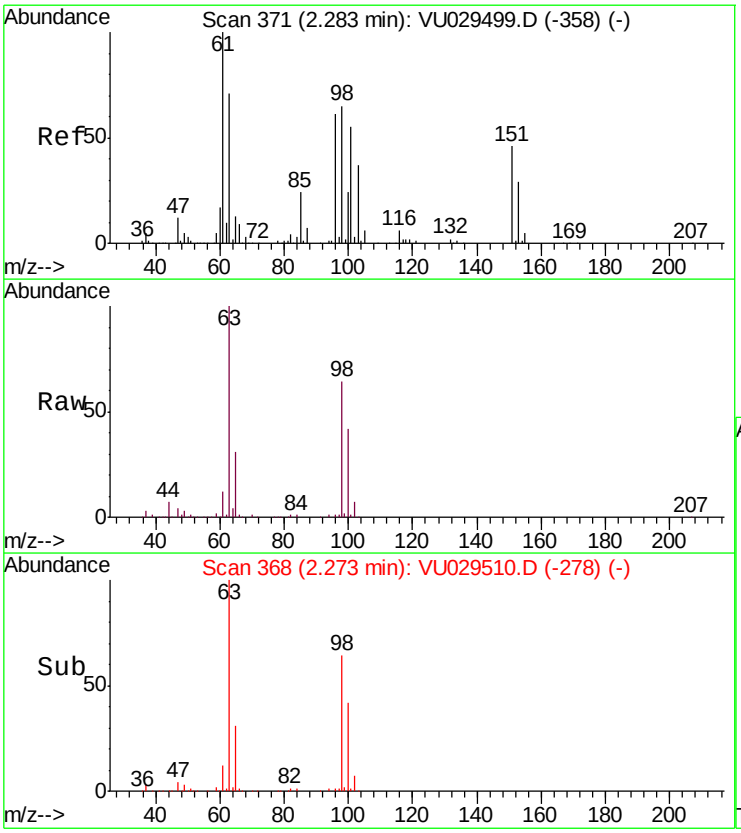
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.079 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion:101 Resp: 1264

Ion	Ratio	Lower	Upper
101	100		
85	7.5	35.1	52.7#
151	1.7	67.0	100.6#

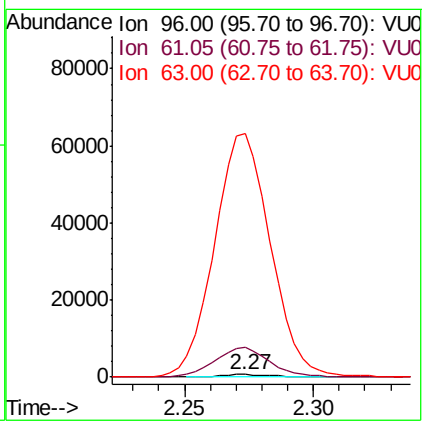


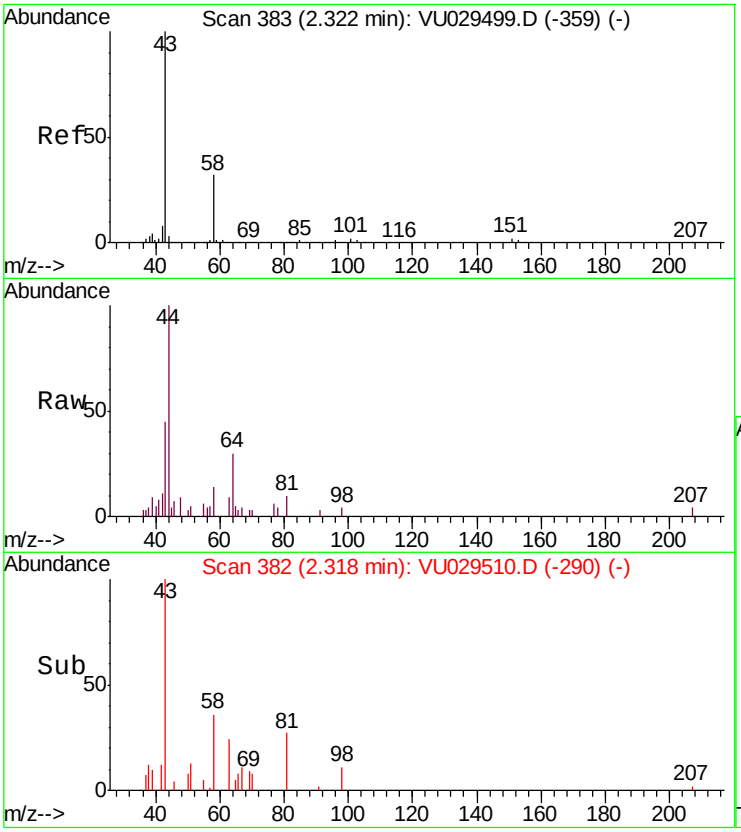


#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Tgt Ion: 96 Resp: 990

Ion	Ratio	Lower	Upper
96	100		
61	1136.5	115.1	213.7#
63	9444.5	83.5	155.1#



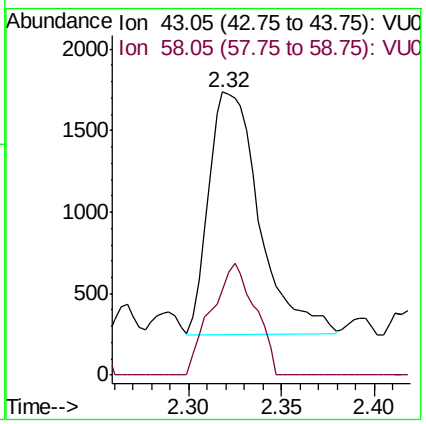


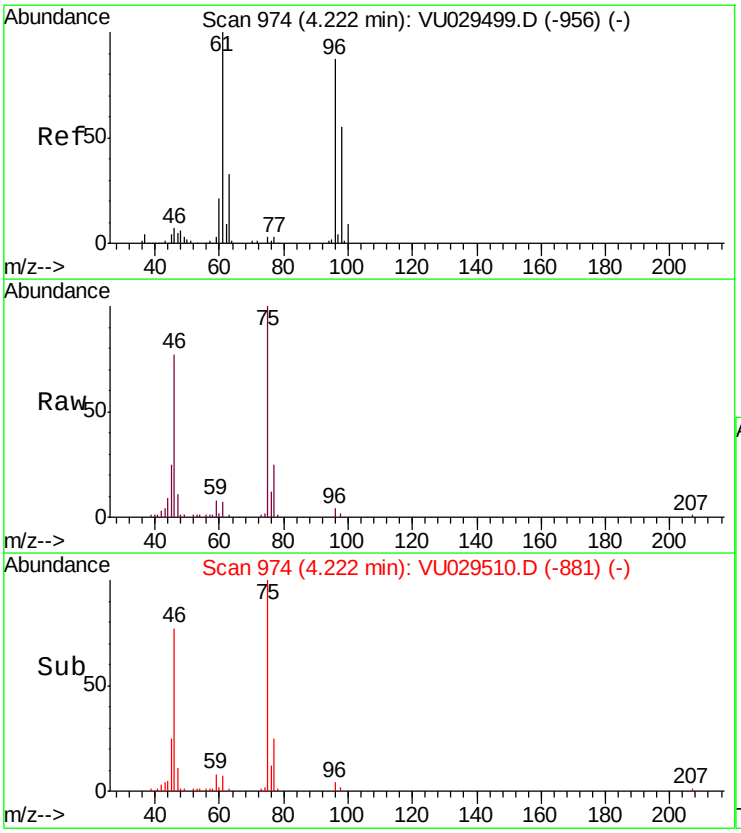
#13
Acetone
Concen: 1.209 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 43 Resp: 2826

Ion	Ratio	Lower	Upper
43	100		
58	39.7	0.0	65.0

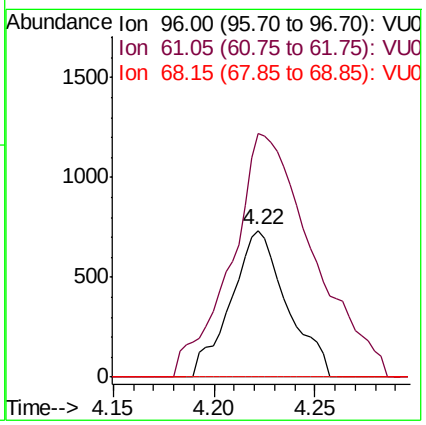


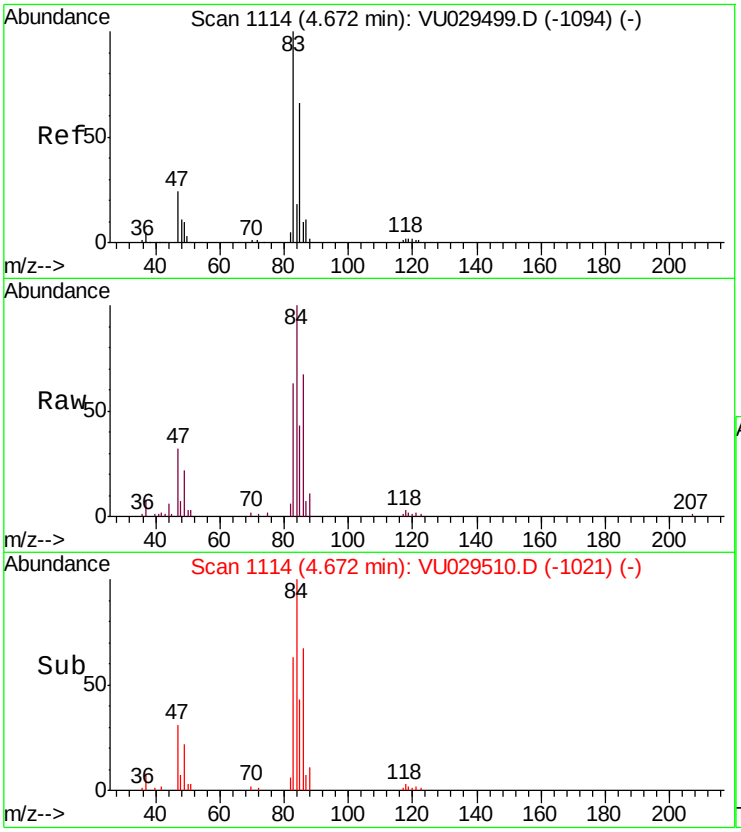


#22
cis-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Tgt Ion: 96 Resp: 1418

Ion	Ratio	Lower	Upper
96	100		
61	166.4	79.9	148.5#
68	0.0	0.0	0.0



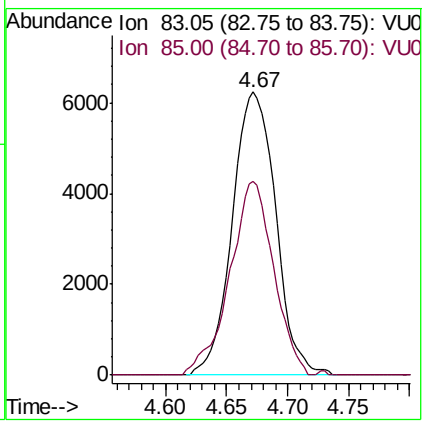


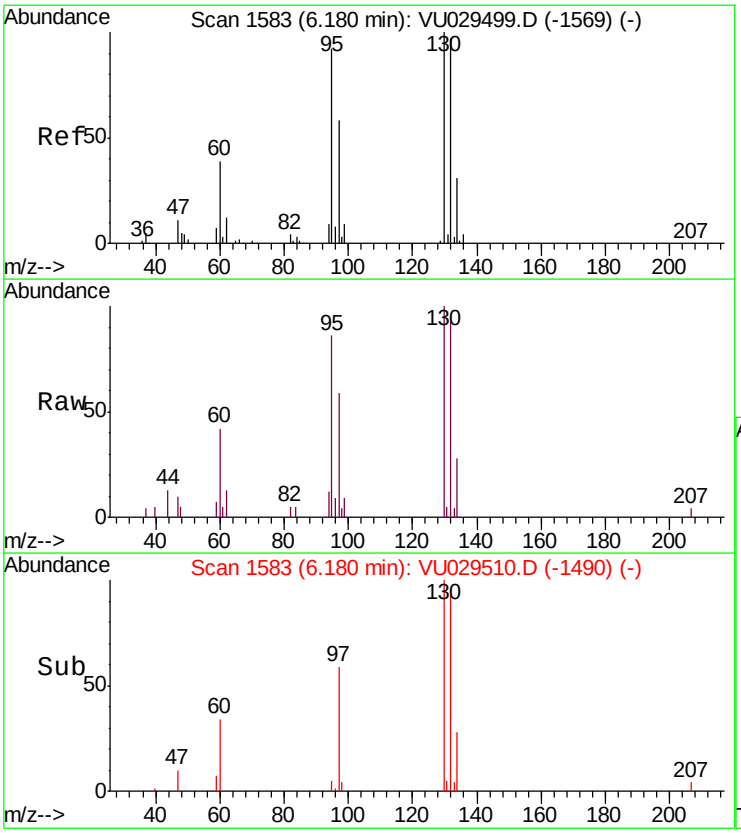
#25
Chloroform
Concen: 0.631 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Instrument : MSVOA_U
ClientSampleId : C0AL0

Tgt Ion: 83 Resp: 15384

Ion	Ratio	Lower	Upper
83	100		
85	68.7	47.8	88.8

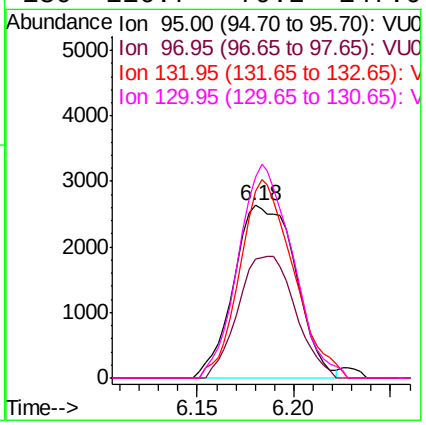


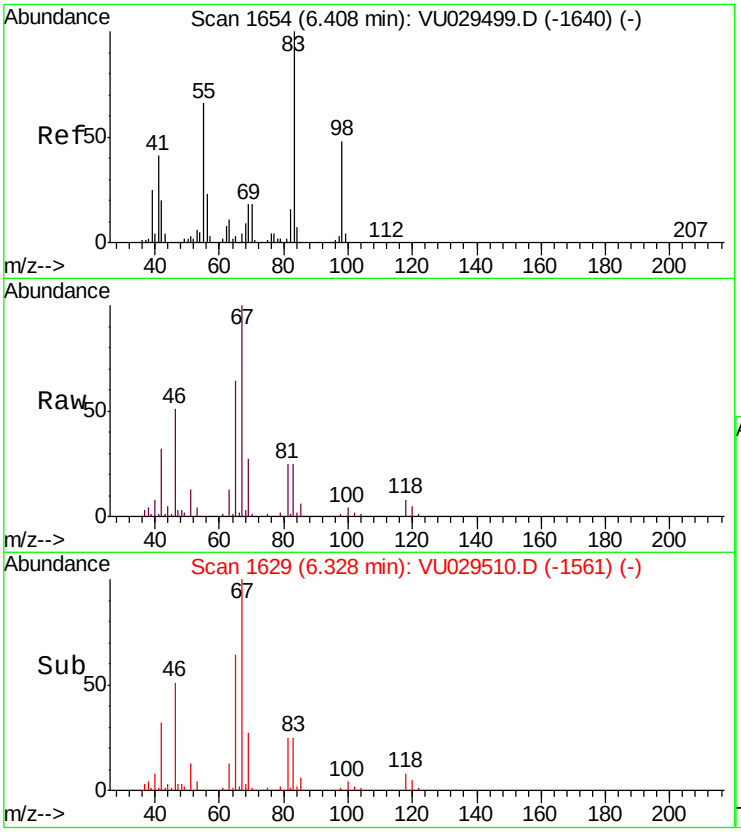


#34
Trichloroethene
Concen: 0.397 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Tgt Ion: 95 Resp: 5835

Ion	Ratio	Lower	Upper
95	100		
97	69.1	46.3	86.1
132	108.2	72.9	135.3
130	116.7	79.2	147.0



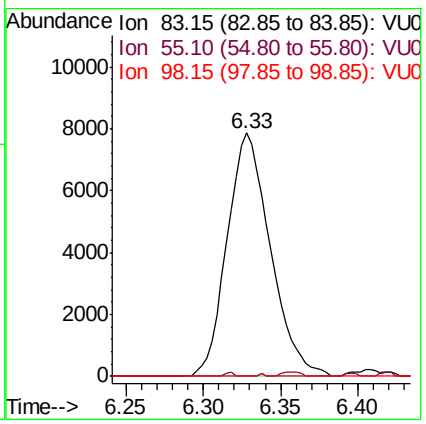


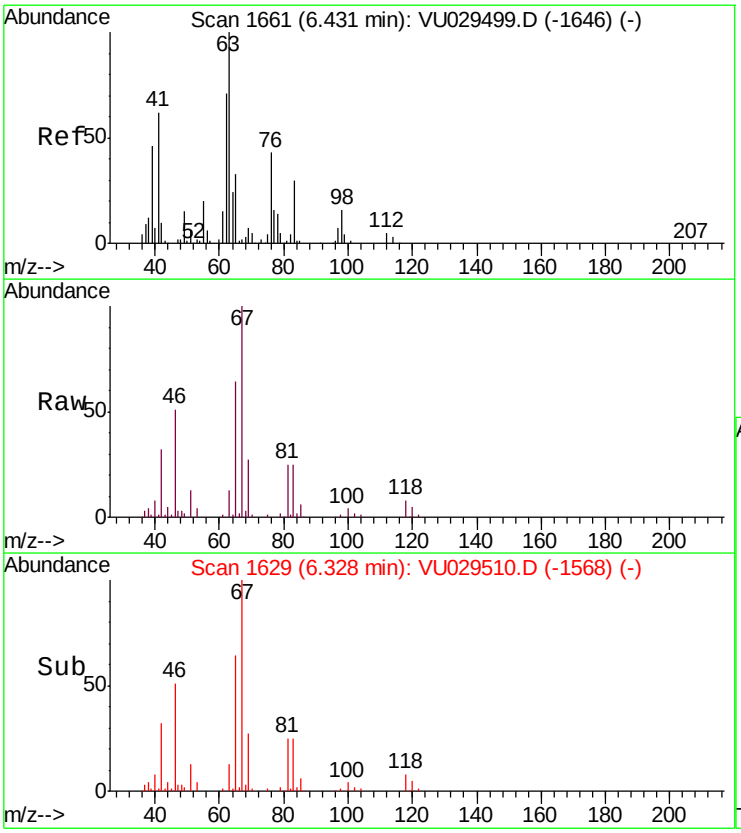
#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 83 Resp: 15236

Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.9	83.9#
98	0.1	38.6	57.8#

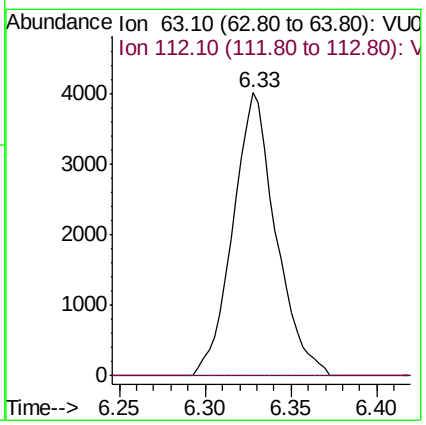


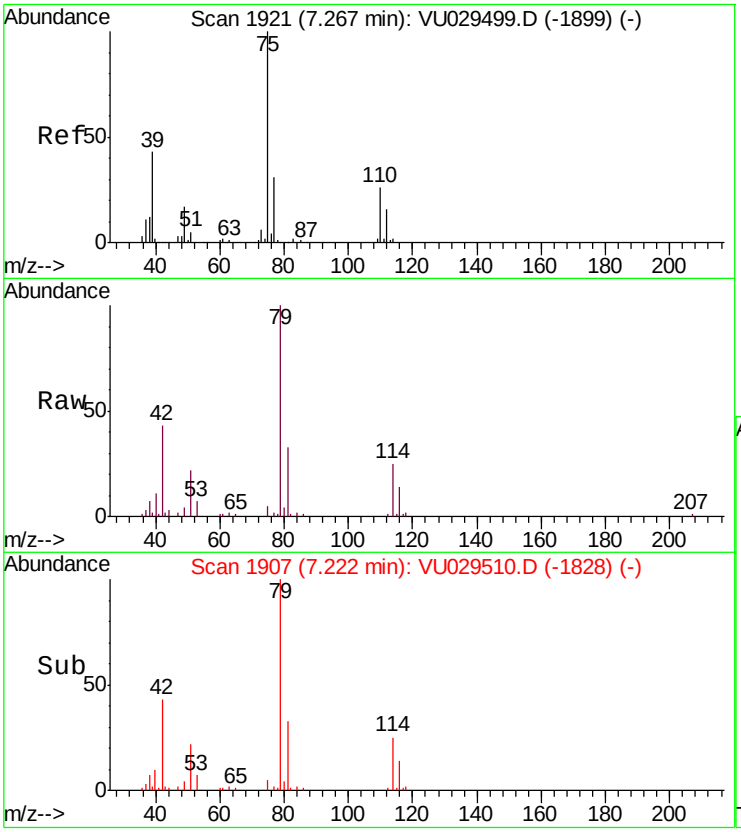


#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Tgt Ion: 63 Resp: 6981

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



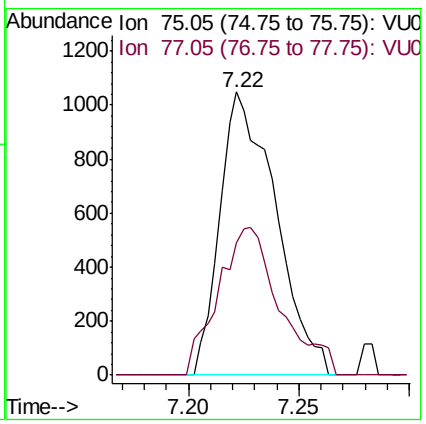


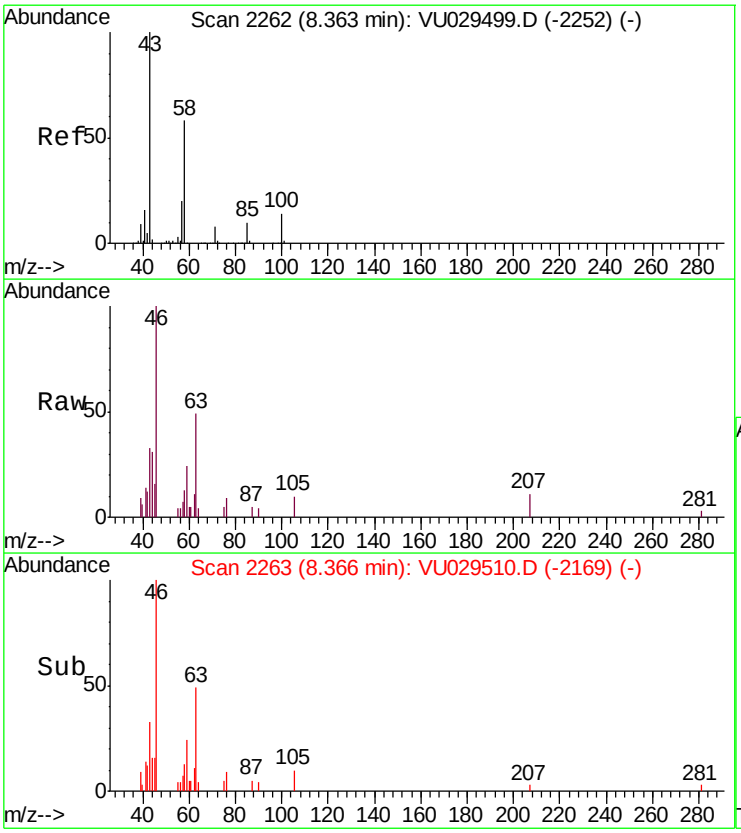
#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 75 Resp: 1835

Ion	Ratio	Lower	Upper
75	100		
77	46.9	22.3	41.3#

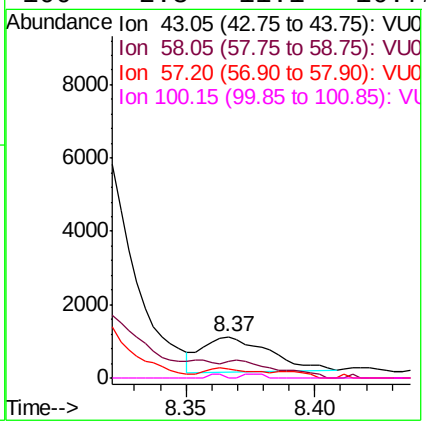


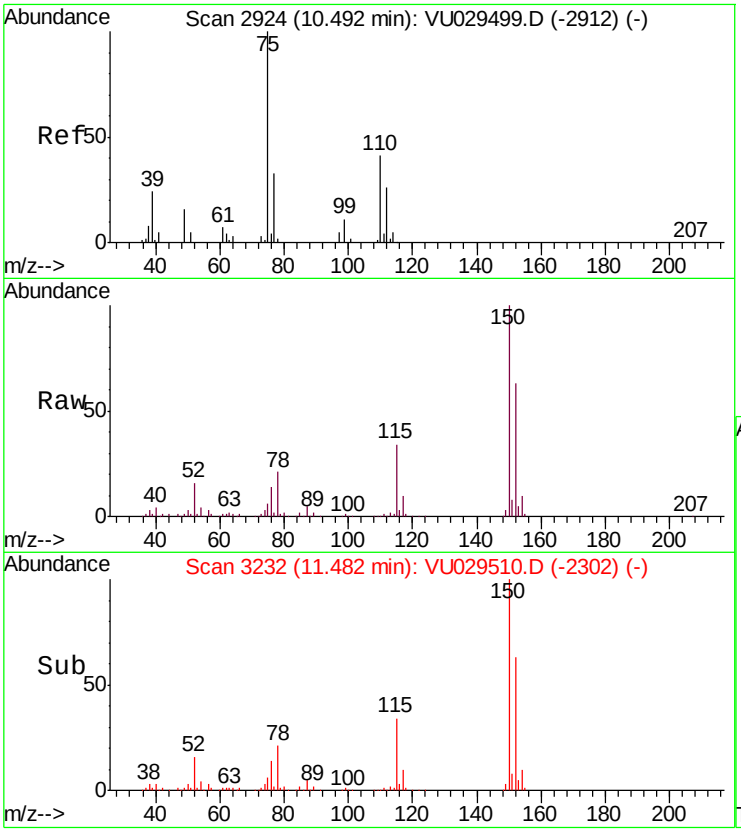


#48
2-Hexanone
Concen: 0.319 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Tgt Ion: 43 Resp: 1757

Ion	Ratio	Lower	Upper
43	100		
58	37.1	45.7	68.5#
57	21.2	16.4	24.6
100	2.3	11.1	16.7#





#59
1,2,3-Trichloropropane
Concen: 1.113 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029510.D
Acq: 15 Feb 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

Tgt Ion: 75 Resp: 9356

Ion	Ratio	Lower	Upper
75	100		
77	36.7	28.2	42.2