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

Quantitation Report (Not Reviewed)

Data File : VU029511.D
Acq On : 15 Feb 2019 21:18
Operator : JC/SP
Sample : K1494-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AL1

Quant Time: Feb 16 00:18:49 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	191866	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181715	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99217	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58494	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.68	69	55229	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.27	63	97934	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	4.20	46	130738	48.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.56%			
24) Chloroform-d	4.65	84	83705	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.60%			
26) 1,2-Dichloroethane-d4	5.31	65	54994	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.34	84	217976	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.33	67	64949	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.56	98	220035	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.85	79	27635	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.31	63	140782	53.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56082	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96436	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	1229	0.078	ug/L	90
6) Bromomethane	1.63	94	496	0.046	ug/L #	52
8) Chloroethane	1.72	64	1115	0.093	ug/L #	52
9) Trichlorofluoromethane	1.88	101	1565	0.055	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1111	0.067	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1812	0.115	ug/L #	1
13) Acetone	2.33	43	2772	1.138	ug/L	74
18) trans-1,2-Dichloroethene	2.97	96	1568	0.093	ug/L #	71
22) cis-1,2-Dichloroethene	4.22	96	161334	10.417	ug/L	98
25) Chloroform	4.67	83	20205	0.796	ug/L	99
34) Trichloroethene	6.18	95	1026763	68.274	ug/L	97
35) Methylcyclohexane	6.33	83	15521	0.613	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6922	0.517	ug/L #	87
48) 2-Hexanone	8.31	43	14858	2.640	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	9555	1.112	ug/L	94

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

Quantitation Report (Not Reviewed)

Data File : VU029511.D
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Operator : JC/SP
Sample : K1494-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AL1

Quant Time: Feb 16 00:18:49 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)

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

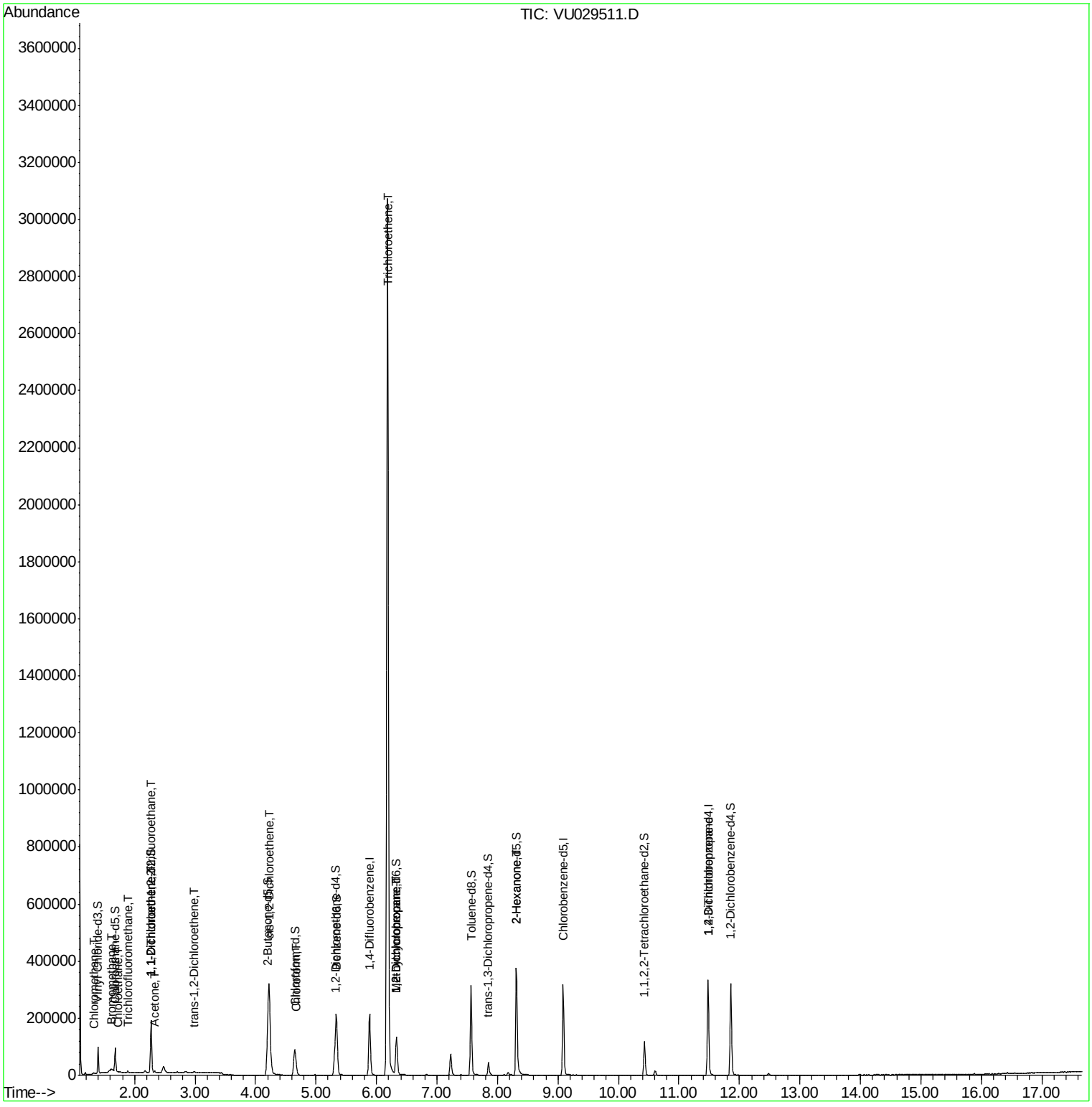
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

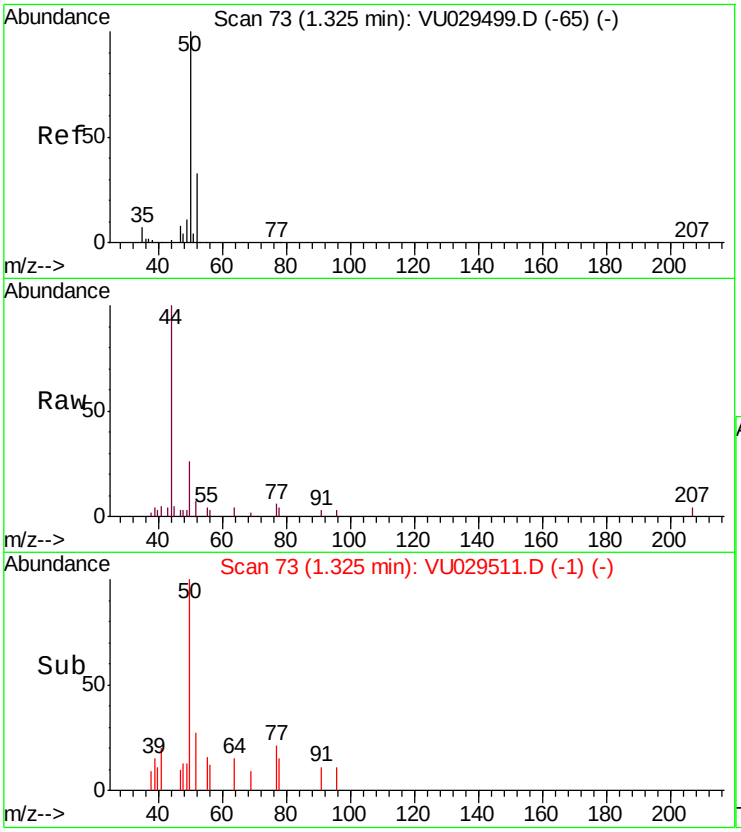
Quantitation Report (Not Reviewed)

Data File : VU029511.D
Acq On : 15 Feb 2019 21:18
Operator : JC/SP
Sample : K1494-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Quant Time: Feb 16 00:18:49 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



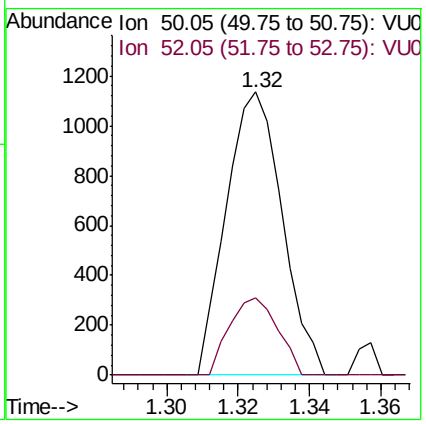


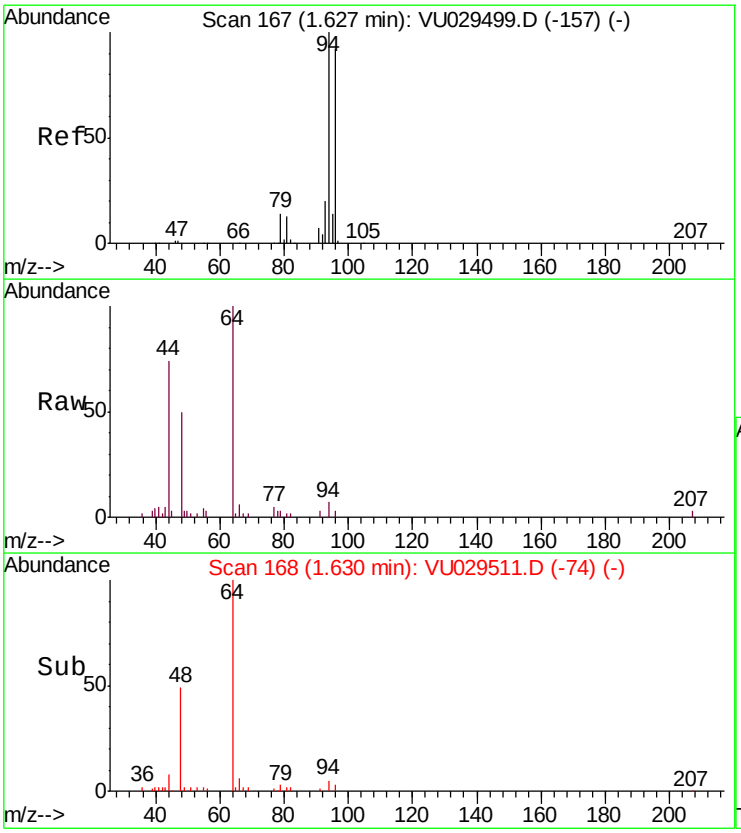
#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tgt Ion: 50 Resp: 1229

Ion	Ratio	Lower	Upper
50	100		
52	27.4	23.1	42.9

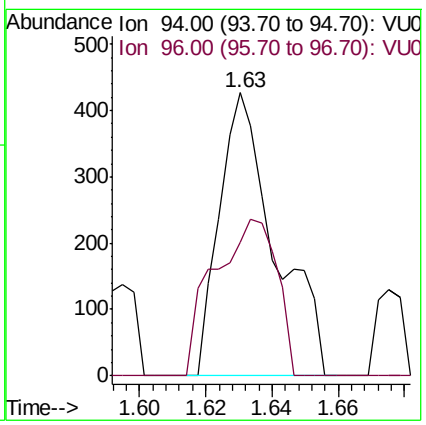


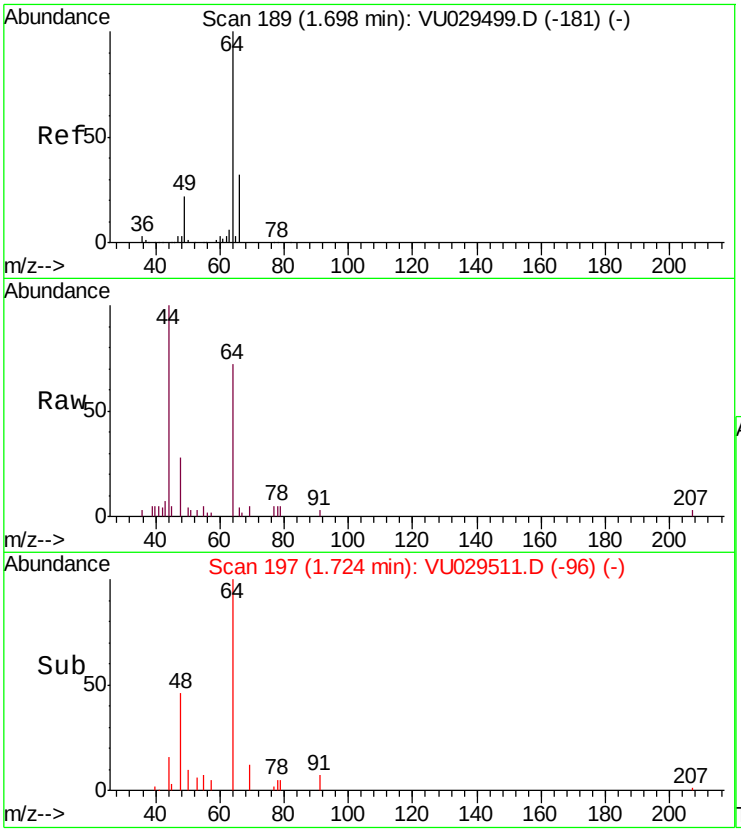


#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.00 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Tgt Ion: 94 Resp: 496

Ion	Ratio	Lower	Upper
94	100		
96	47.1	65.2	121.0#



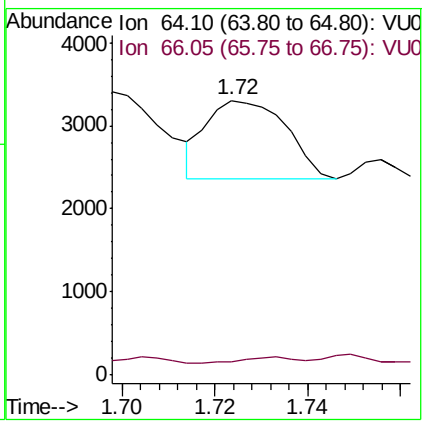


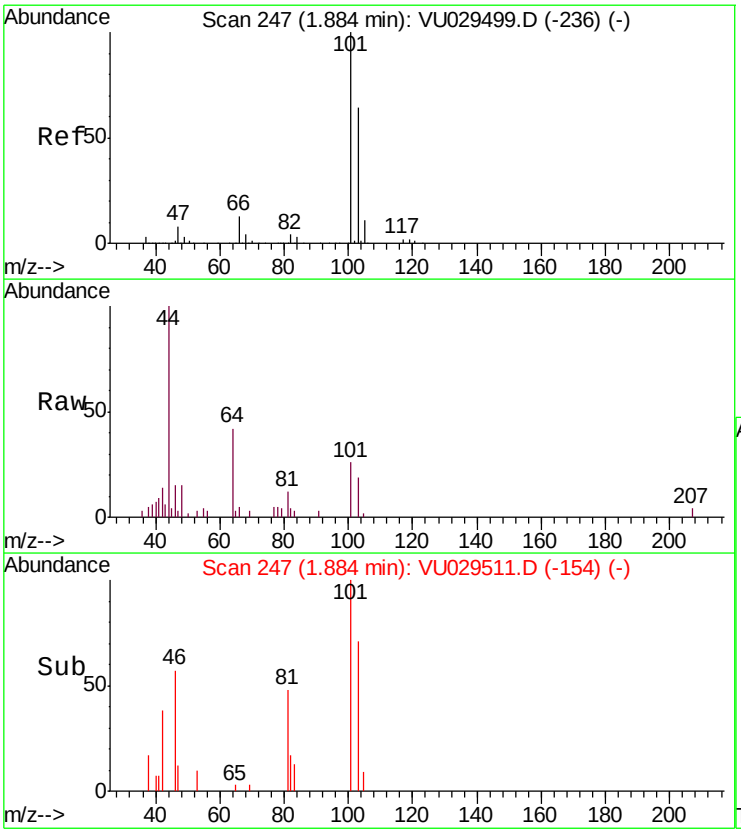
#8
Chloroethane
Concen: 0.093 ug/L
RT: 1.72 min Scan# 197
Delta R.T. 0.03 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument : MSVOA_U
ClientSampleId : C0AL1

Tgt Ion: 64 Resp: 1115

Ion	Ratio	Lower	Upper
64	100		
66	5.1	22.0	40.8#

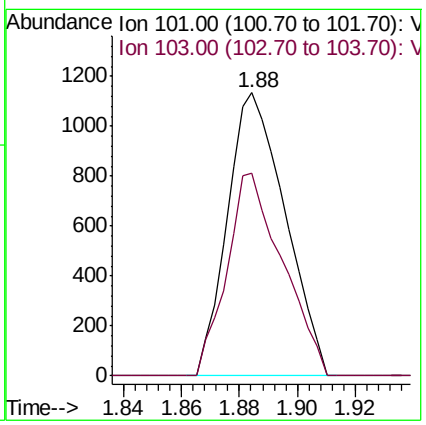


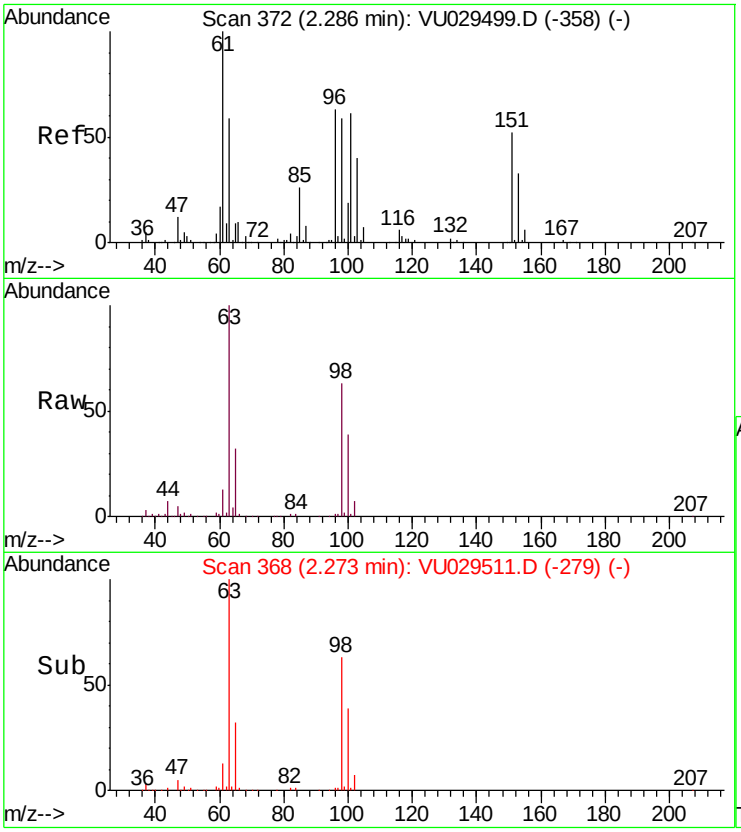


#9
Trichlorofluoromethane
Concen: 0.055 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Tgt Ion:101 Resp: 1565

Ion	Ratio	Lower	Upper
101	100		
103	69.3	52.1	78.1



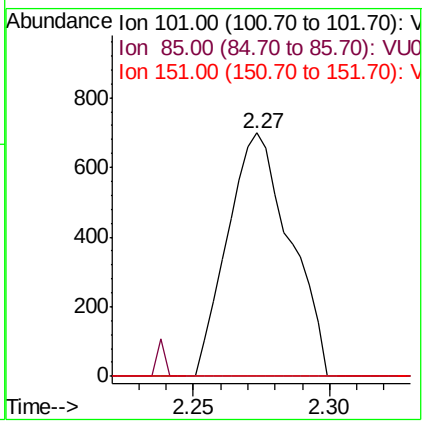


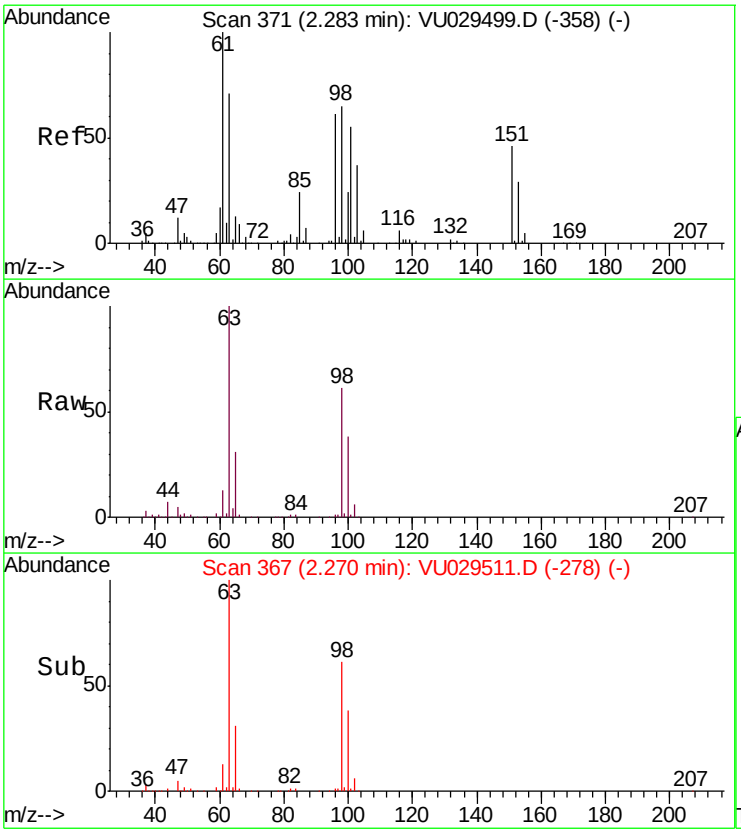
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tgt Ion:101 Resp: 1111

Ion	Ratio	Lower	Upper
101	100		
85	1.9	35.1	52.7#
151	0.0	67.0	100.6#

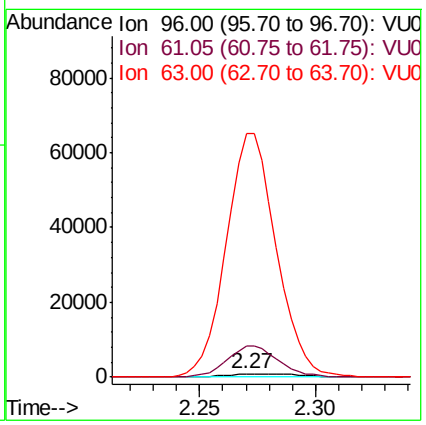


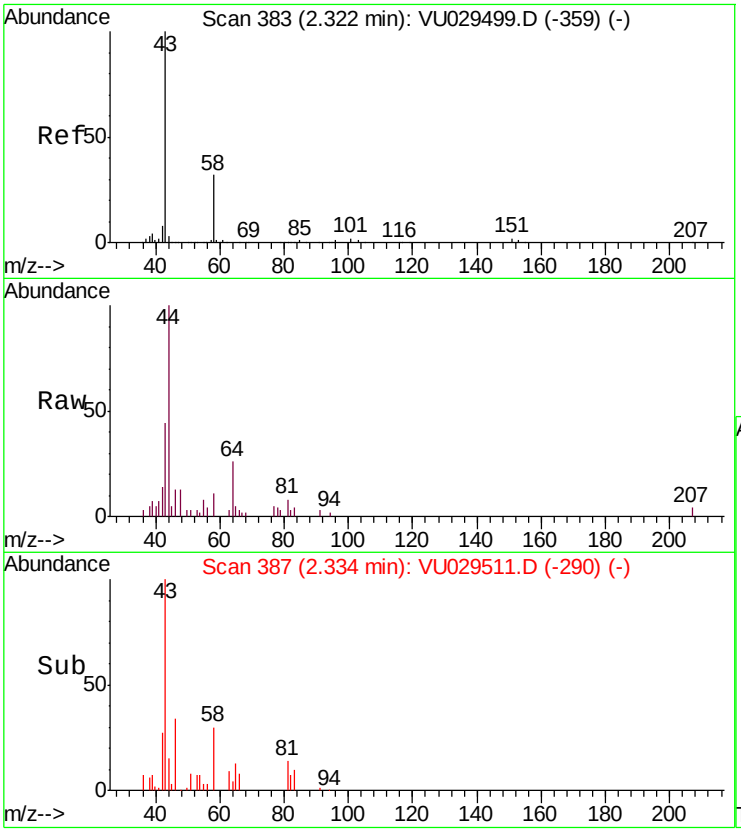


#12
1,1-Dichloroethene
Concen: 0.115 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Tgt Ion: 96 Resp: 1812

Ion	Ratio	Lower	Upper
96	100		
61	1040.6	115.1	213.7#
63	8245.7	83.5	155.1#



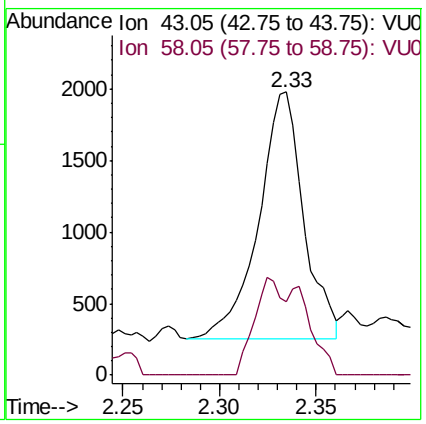


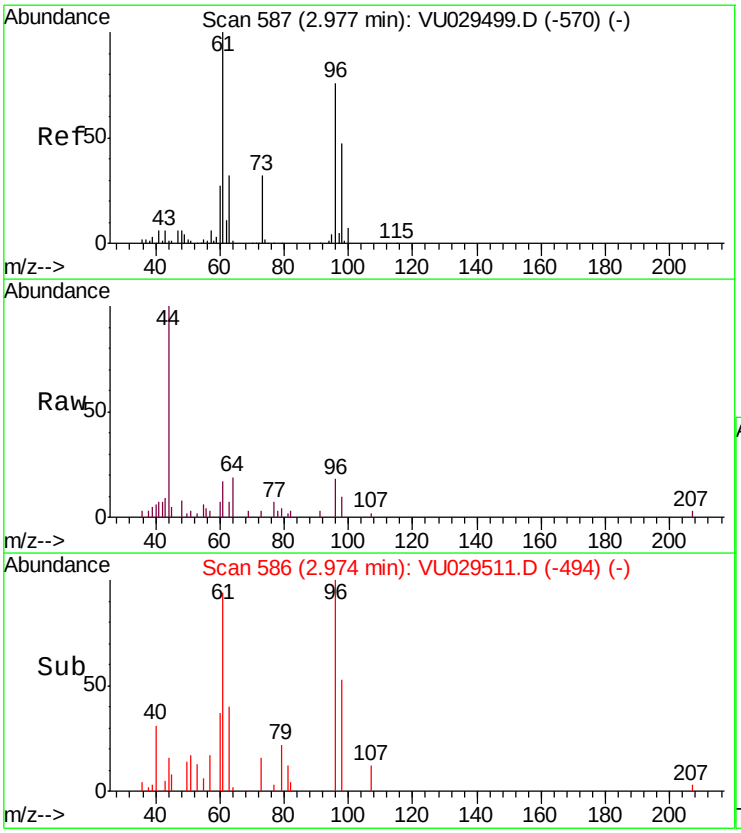
#13
Acetone
Concen: 1.138 ug/L
RT: 2.33 min Scan# 387
Delta R.T. 0.01 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tgt Ion: 43 Resp: 2772

Ion	Ratio	Lower	Upper
43	100		
58	17.8	0.0	65.0

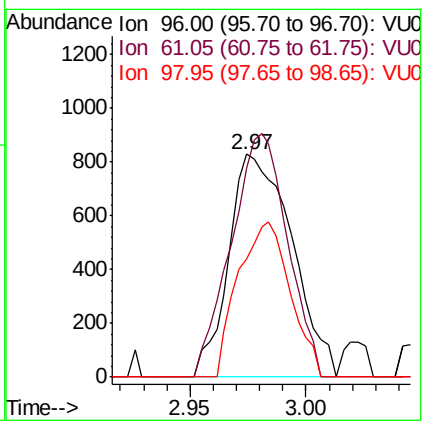


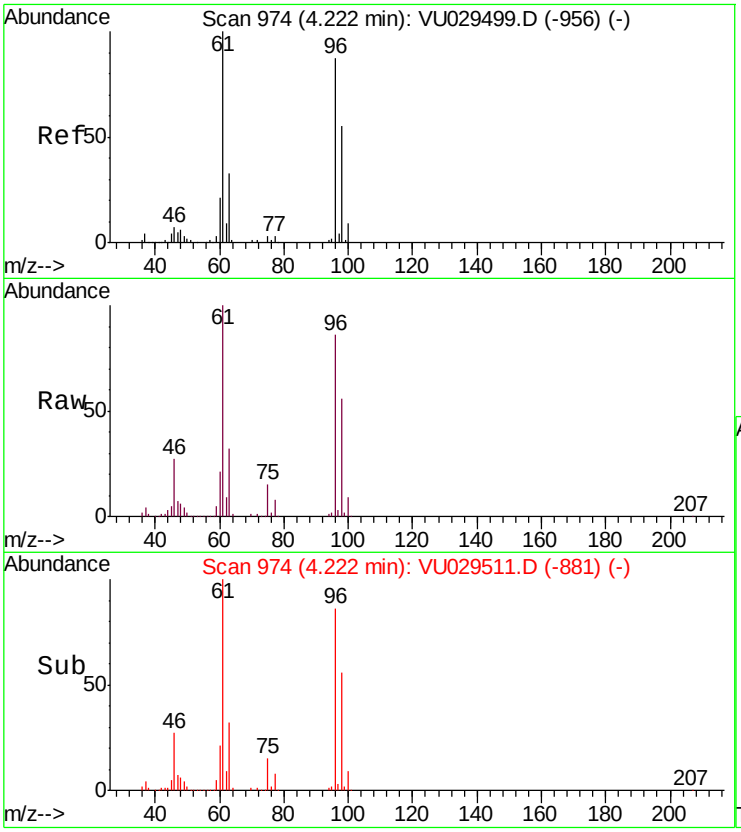


#18
trans-1,2-Dichloroethene
Concen: 0.093 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Tgt Ion: 96 Resp: 1568

Ion	Ratio	Lower	Upper
96	100		
61	93.7	95.4	177.2#
98	53.4	45.8	85.2



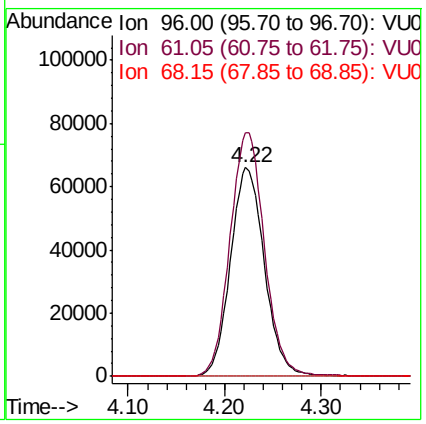


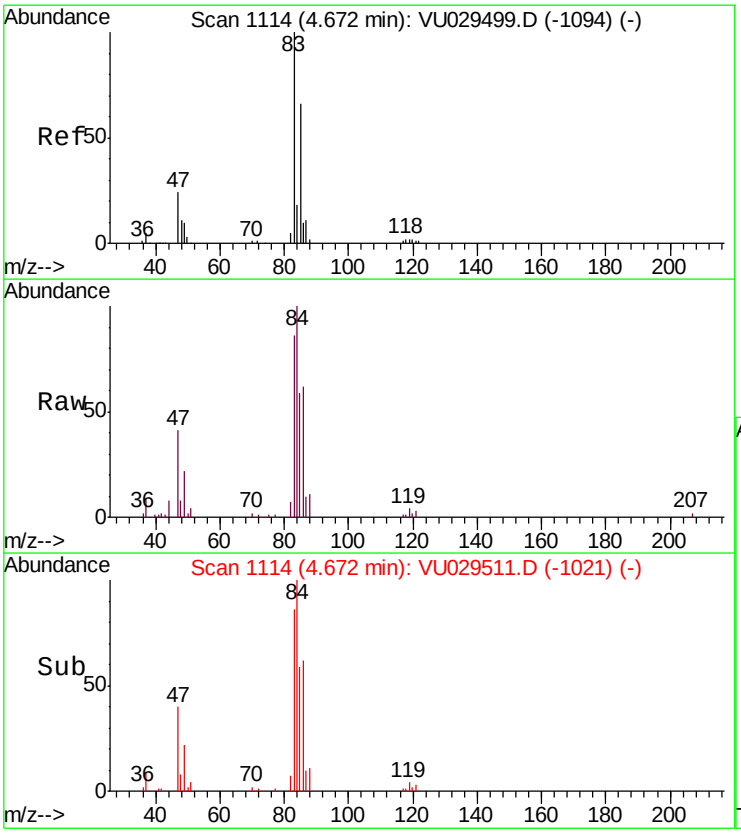
#22
cis-1,2-Dichloroethene
Concen: 10.417 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tgt Ion: 96 Resp: 161334

Ion	Ratio	Lower	Upper
96	100		
61	116.5	79.9	148.5
68	0.0	0.0	0.0

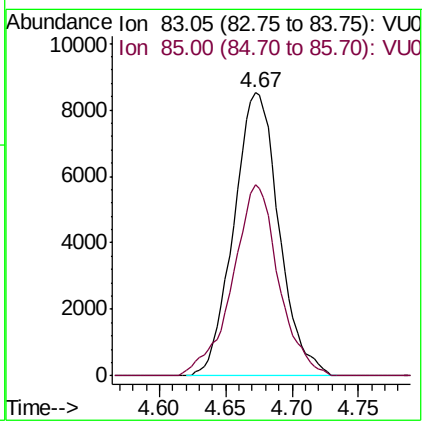


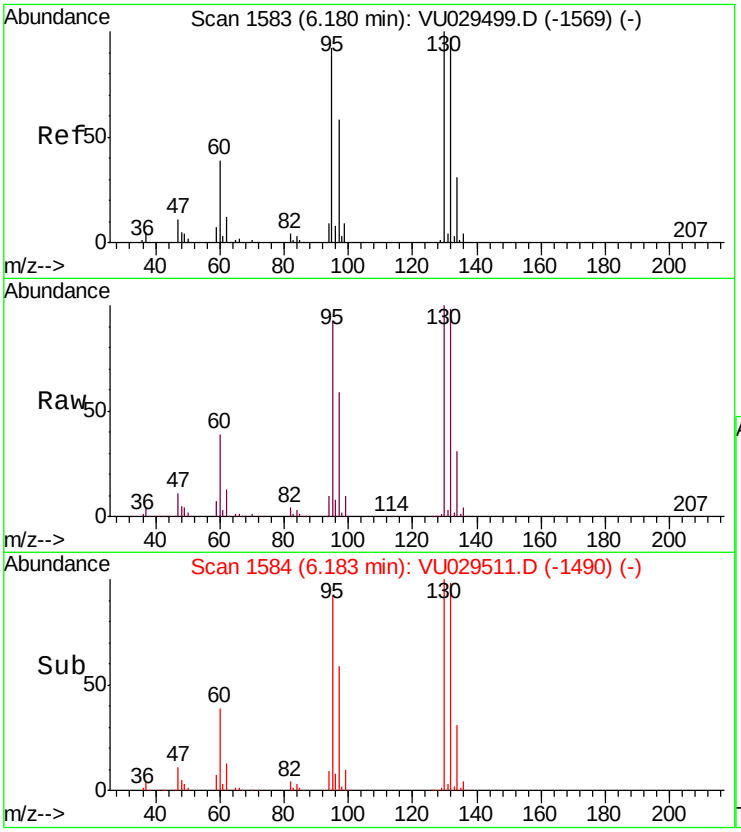


#25
Chloroform
Concen: 0.796 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Tgt Ion: 83 Resp: 20205

Ion	Ratio	Lower	Upper
83	100		
85	67.7	47.8	88.8



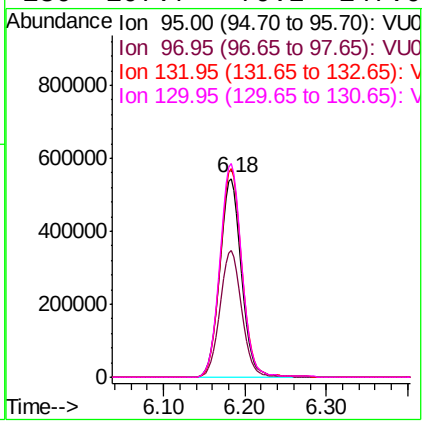


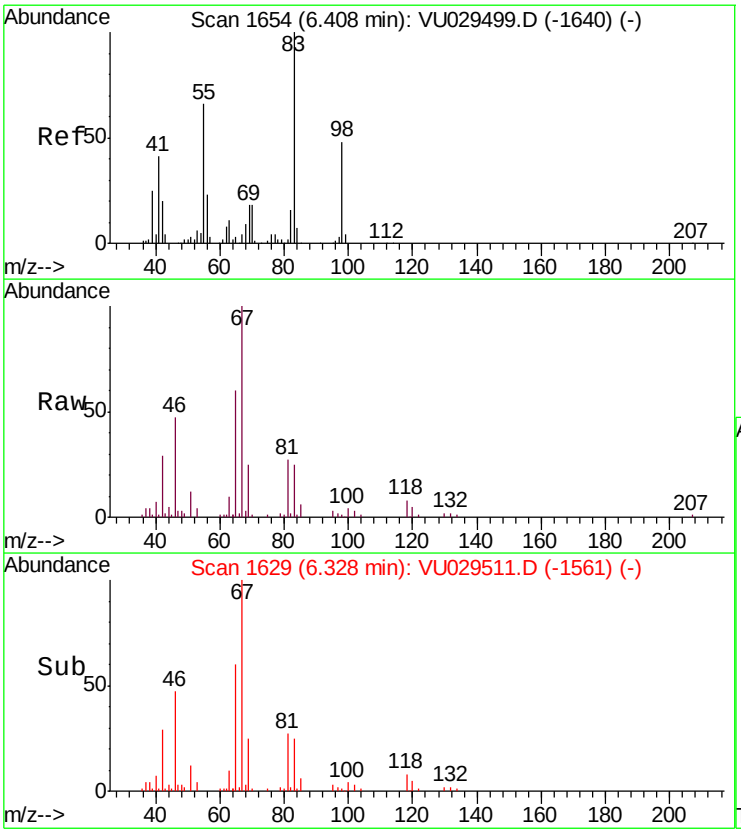
#34
Trichloroethene
Concen: 68.274 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tgt Ion: 95 Resp: 1026763

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.3	86.1
132	105.3	72.9	135.3
130	107.7	79.2	147.0

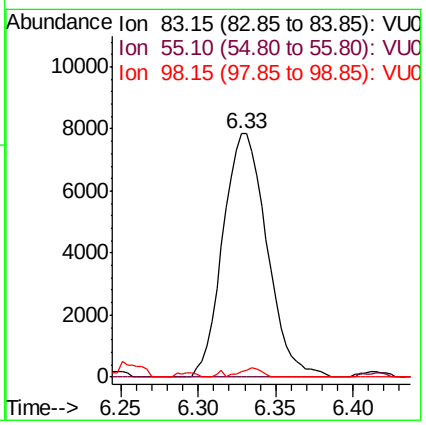


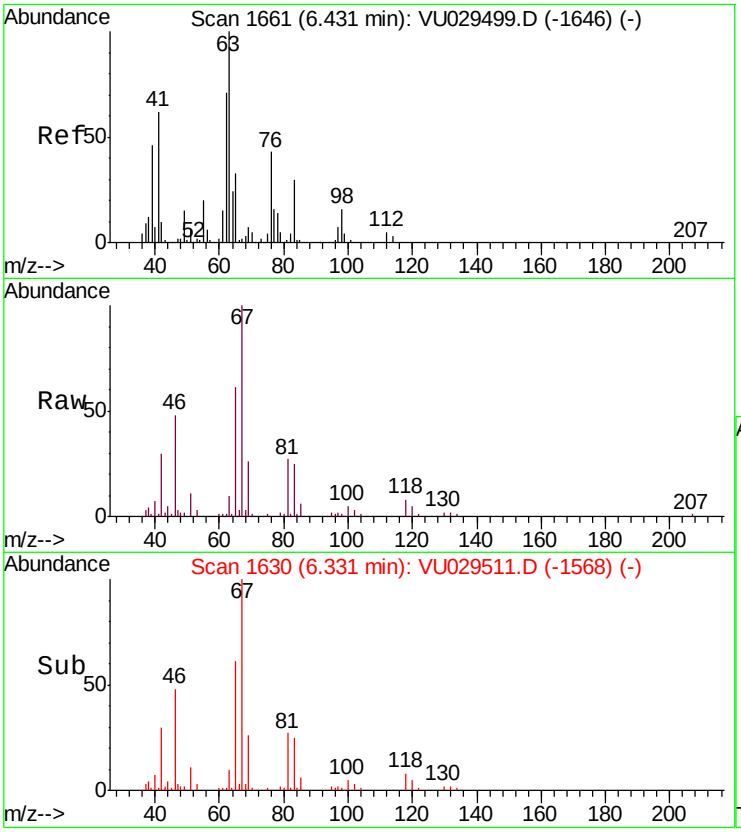


#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Tgt Ion: 83 Resp: 15521

Ion	Ratio	Lower	Upper
83	100		
55	0.9	55.9	83.9#
98	0.0	38.6	57.8#



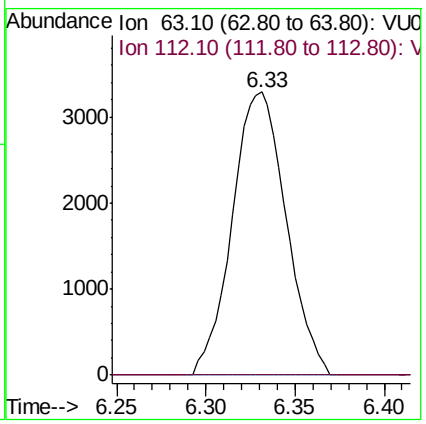


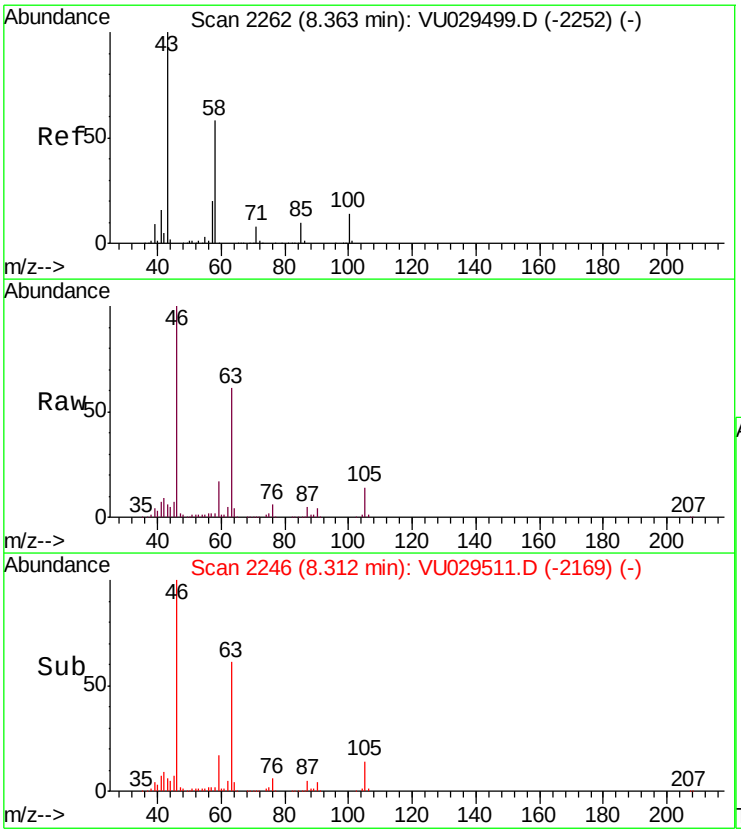
#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument : MSVOA_U
ClientSampleId : C0AL1

Tgt Ion: 63 Resp: 6922

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

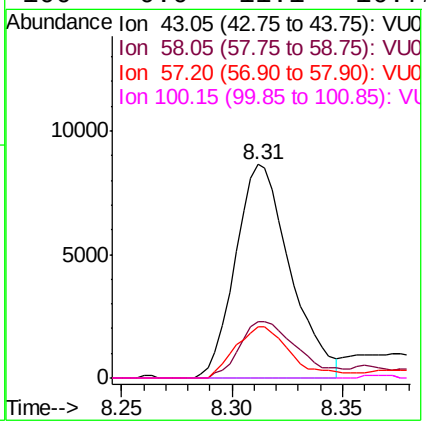


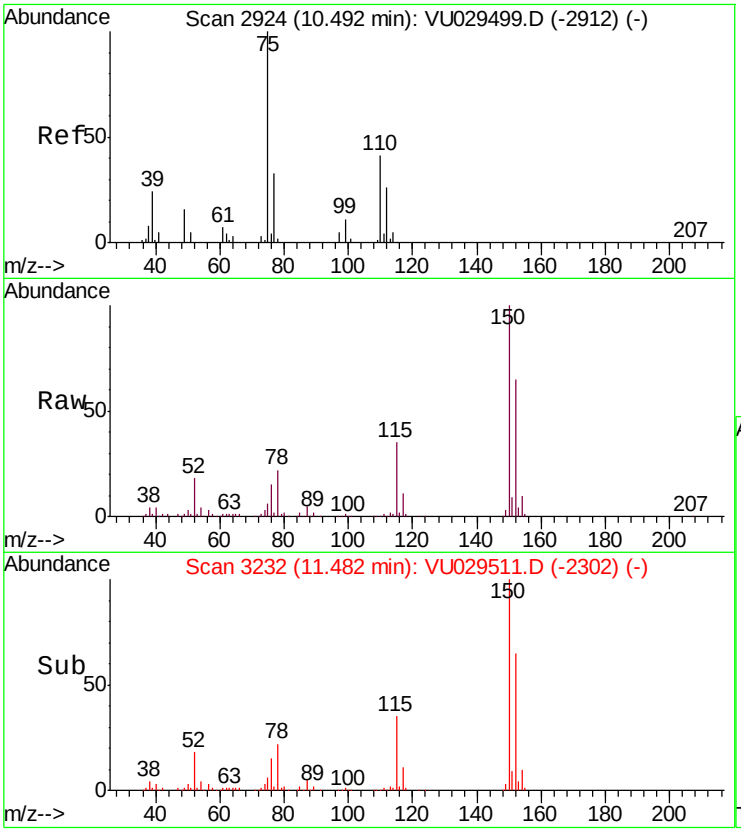


#48
2-Hexanone
Concen: 2.640 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Tgt Ion: 43 Resp: 14858

Ion	Ratio	Lower	Upper
43	100		
58	28.7	45.7	68.5#
57	24.5	16.4	24.6
100	0.0	11.1	16.7#





#59
1,2,3-Trichloropropane
Concen: 1.112 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029511.D
Acq: 15 Feb 2019 21:18

Instrument :
MSVOA_U
ClientSampleId :
C0AL1

Tgt Ion: 75 Resp: 9555

Ion	Ratio	Lower	Upper
75	100		
77	38.6	28.2	42.2