Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026794.D
Acq On : 15 Sep 2018 22:20
Operator : MD/SY
Sample : J4918-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0KX1

Quant Time: Sep 17 07:14:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	119339	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	99716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	40733	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	43417	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.68	69	36520	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.28	63	70529	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.00%			
20) 2-Butanone-d5	4.20	46	97385	48.68	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.36%			
24) Chloroform-d	4.65	84	74221	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.31	65	39859	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.34	84	152723	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.60%			
36) 1,2-Dichloropropane-d6	6.33	67	49215	5.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.80%			
41) Toluene-d8	7.57	98	114907	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	7.85	79	14164	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.32	63	58170	44.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.60%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35242	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	42008	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	682	0.072	ug/L #	22
12) 1,1-Dichloroethene	2.29	96	18169	2.043	ug/L #	63
13) Acetone	2.33	43	4803	2.700	ug/L	91
15) Methyl Acetate	2.46	43	13973	2.994	ug/L #	52
19) 1,1-Dichloroethane	3.44	63	774	0.042	ug/L #	75
21) 2-Butanone	4.26	43	6640	2.259	ug/L #	61
22) cis-1,2-Dichloroethene	4.23	96	5921	0.561	ug/L	94
25) Chloroform	4.68	83	2638	0.150	ug/L	90
29) 1,1,1-Trichloroethane	4.91	97	2840	0.198	ug/L	99
34) Trichloroethene	6.18	95	285380	30.005	ug/L	99
35) Methylcyclohexane	6.33	83	11590	0.750	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5282	0.533	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	946	0.071	ug/L #	56
59) 1,2,3-Trichloropropane	11.49	75	5055	0.867	ug/L	94
69) Naphthalene	13.75	128	8857	0.616	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026794.D
Acq On : 15 Sep 2018 22:20
Operator : MD/SY
Sample : J4918-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0KX1

Quant Time: Sep 17 07:14:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
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\VU091618\
Data File : VU026794.D
Acq On : 15 Sep 2018 22:20
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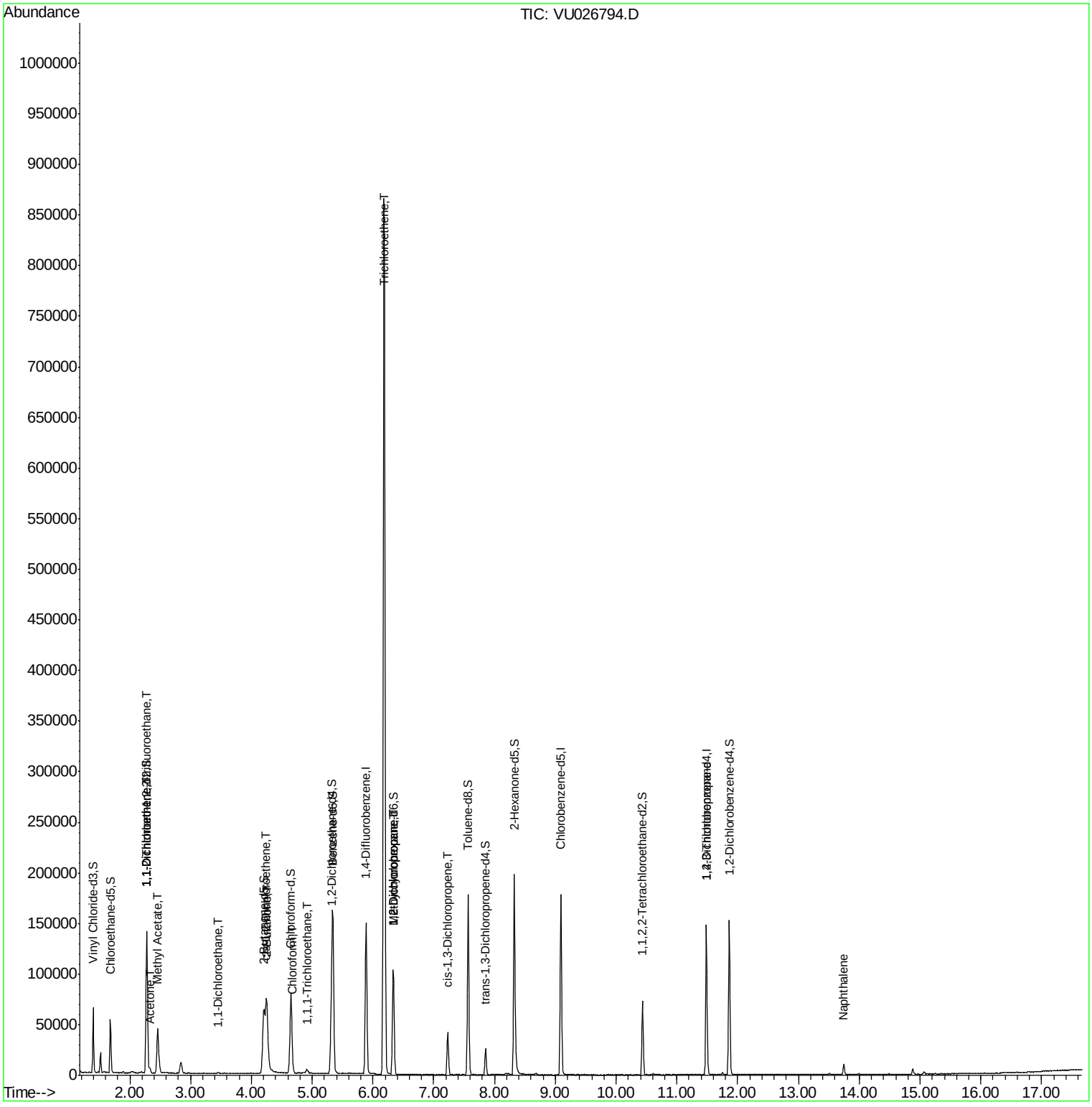
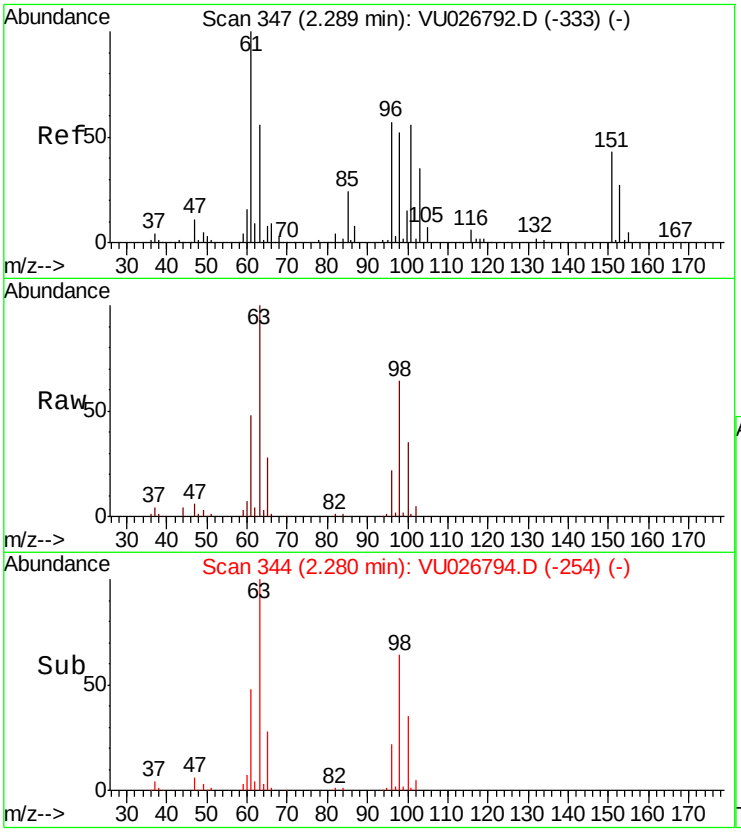
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration



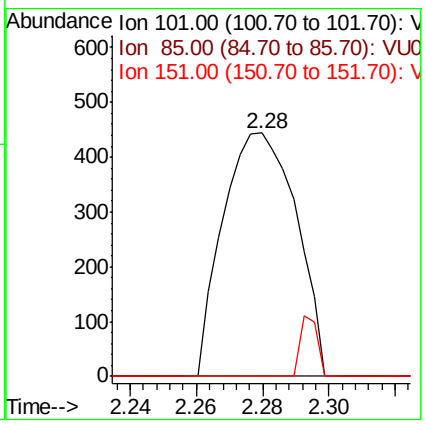


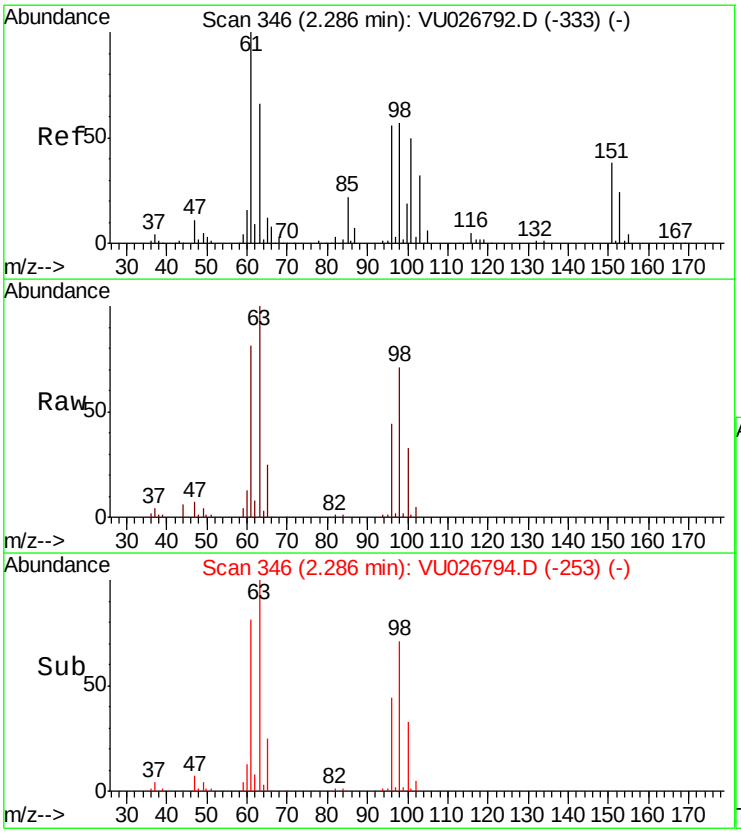
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument :
MSVOA_U
ClientSampleId :
C0KX1

Tgt Ion:101 Resp: 682

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	6.0	63.3	94.9#

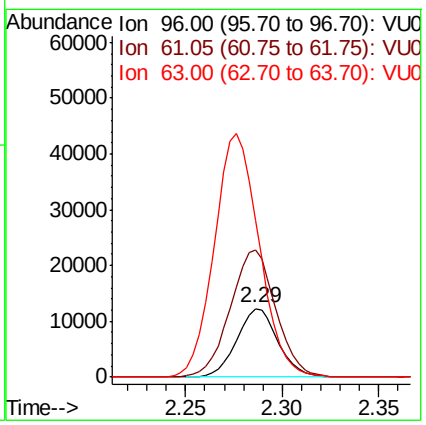


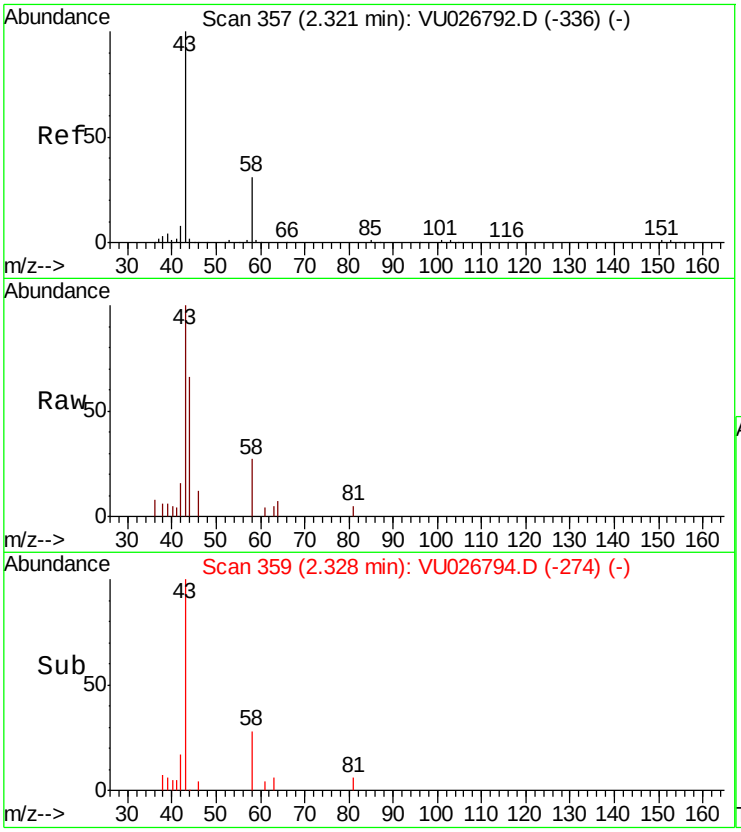


#12
1,1-Dichloroethene
Concen: 2.043 ug/L
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Tgt Ion: 96 Resp: 18169

Ion	Ratio	Lower	Upper
96	100		
61	185.7	126.6	235.2
63	228.9	91.3	169.5#



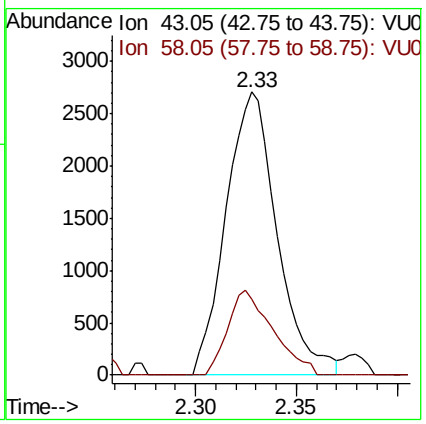


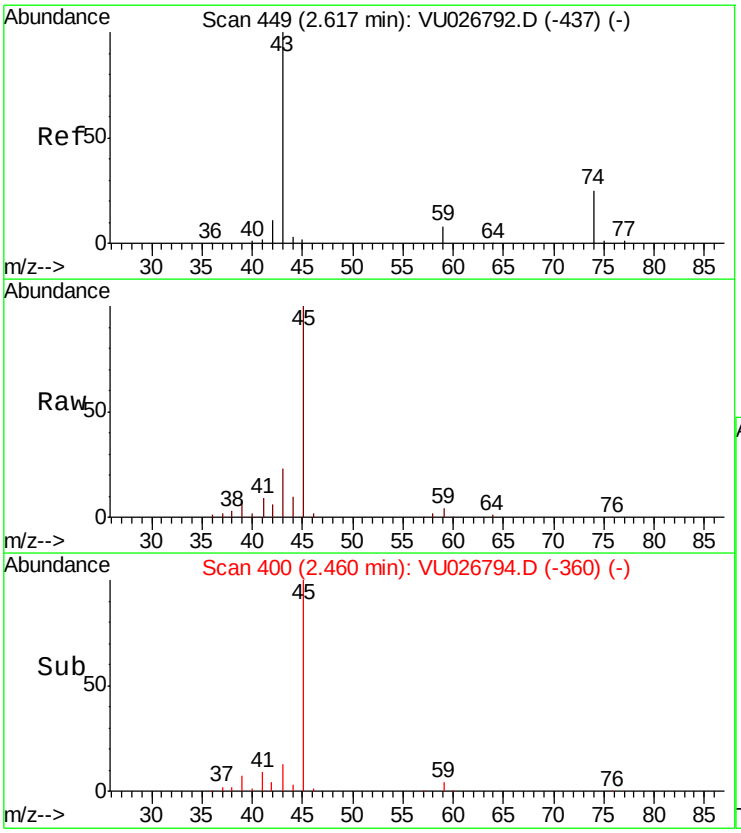
#13
Acetone
Concen: 2.700 ug/L
RT: 2.33 min Scan# 359
Delta R.T. -0.03 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument :
MSVOA_U
ClientSampleId :
C0KX1

Tgt Ion: 43 Resp: 4803

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	63.0

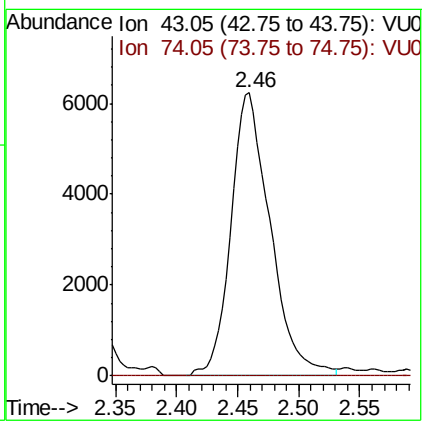


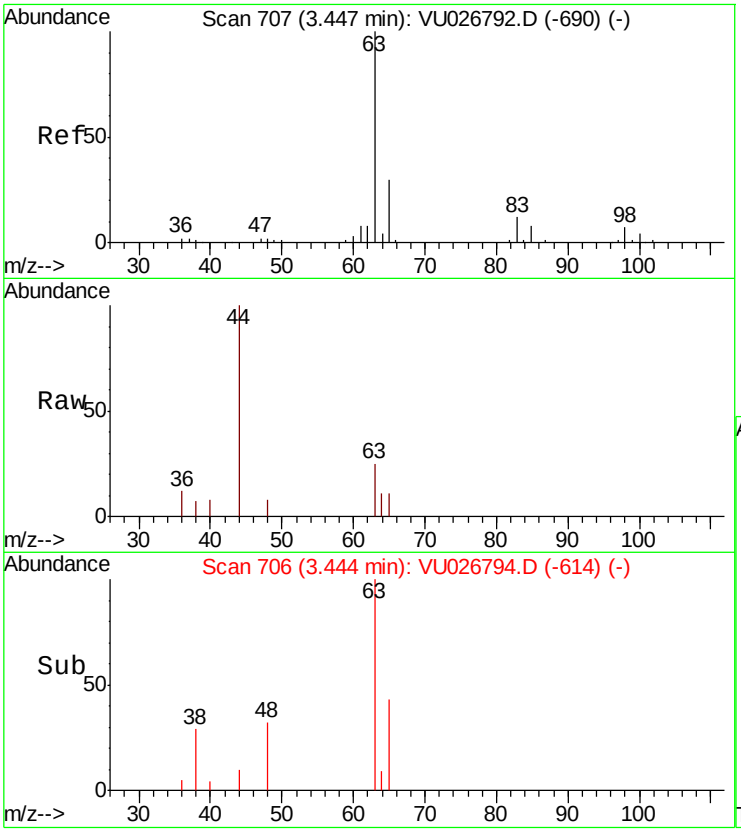


#15
Methyl Acetate
Concen: 2.994 ug/L
RT: 2.46 min Scan# 400
Delta R.T. -0.17 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Tgt Ion: 43 Resp: 13973

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.5	27.7#



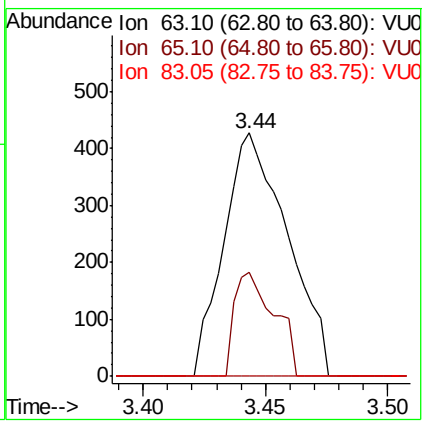


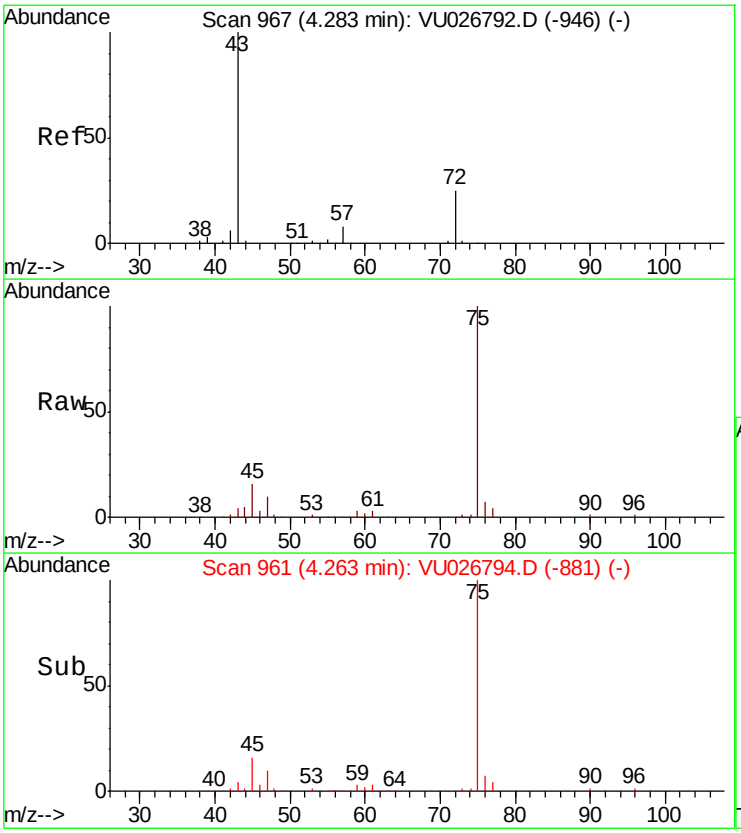
#19
1,1-Dichloroethane
Concen: 0.042 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument : MSVOA_U
ClientSampleId : C0KX1

Tgt Ion: 63 Resp: 774

Ion	Ratio	Lower	Upper
63	100		
65	42.8	21.7	40.3#
83	0.0	9.0	16.6#

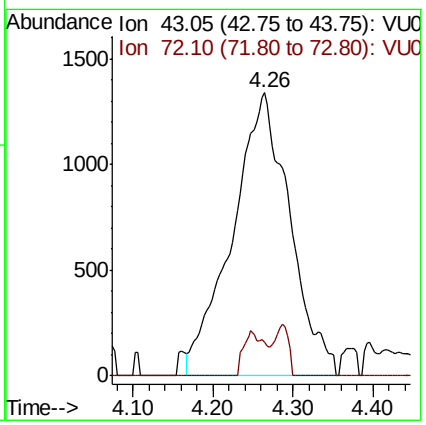


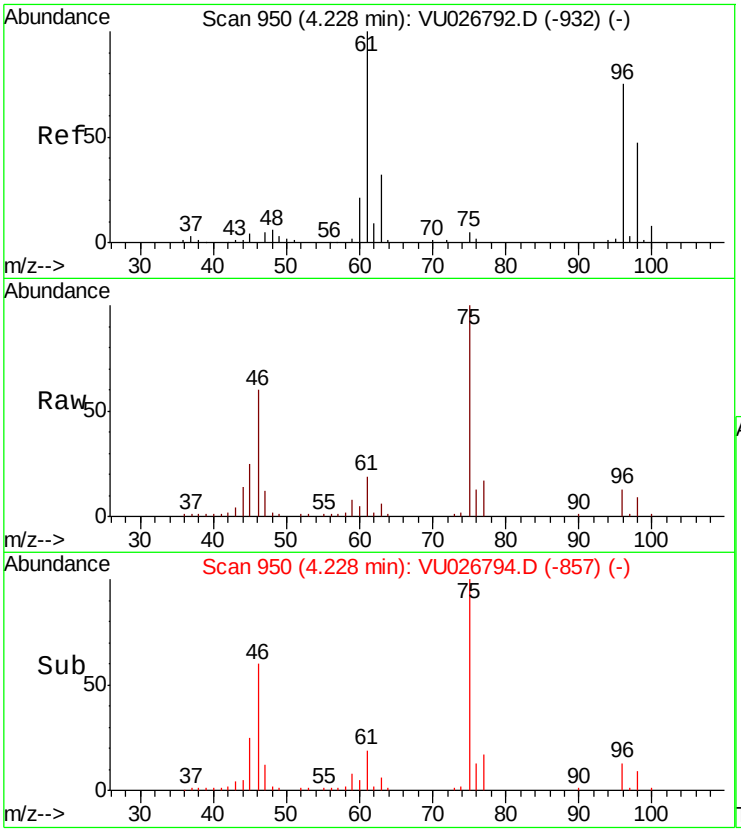


#21
2-Butanone
Concen: 2.259 ug/L
RT: 4.26 min Scan# 961
Delta R.T. -0.04 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Tgt Ion: 43 Resp: 6640

Ion	Ratio	Lower	Upper
43	100		
72	5.7	12.6	37.8#



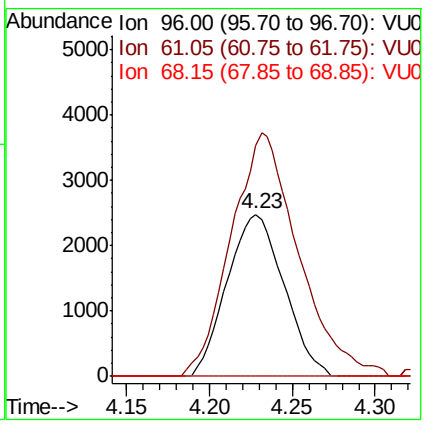


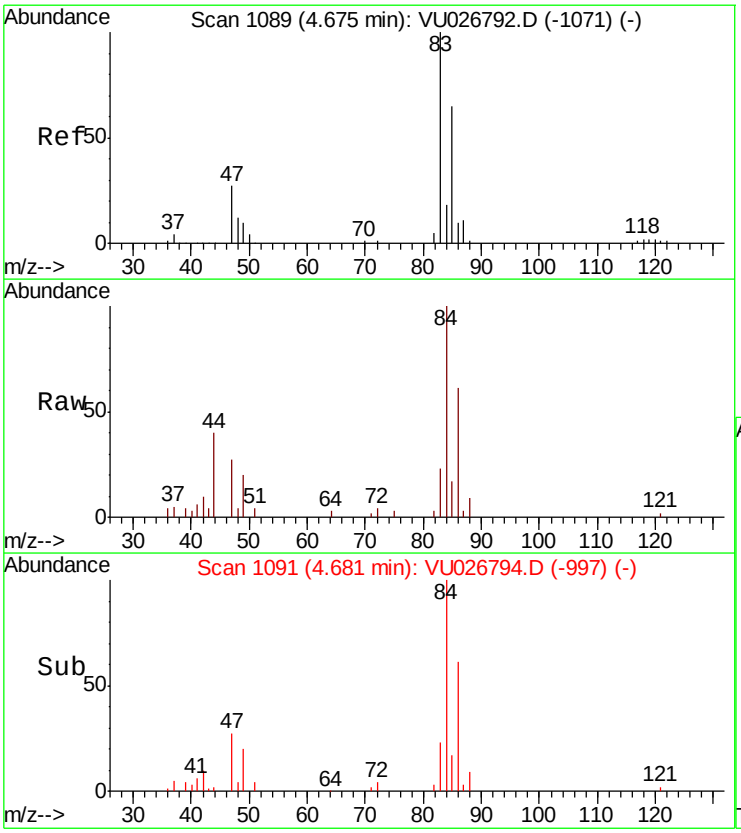
#22
cis-1,2-Dichloroethene
Concen: 0.561 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument :
MSVOA_U
ClientSampleId :
C0KX1

Tgt Ion: 96 Resp: 5921

Ion	Ratio	Lower	Upper
96	100		
61	142.2	94.4	175.2
68	0.0	0.0	0.0

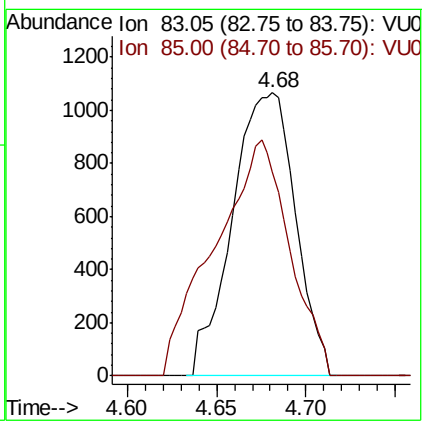


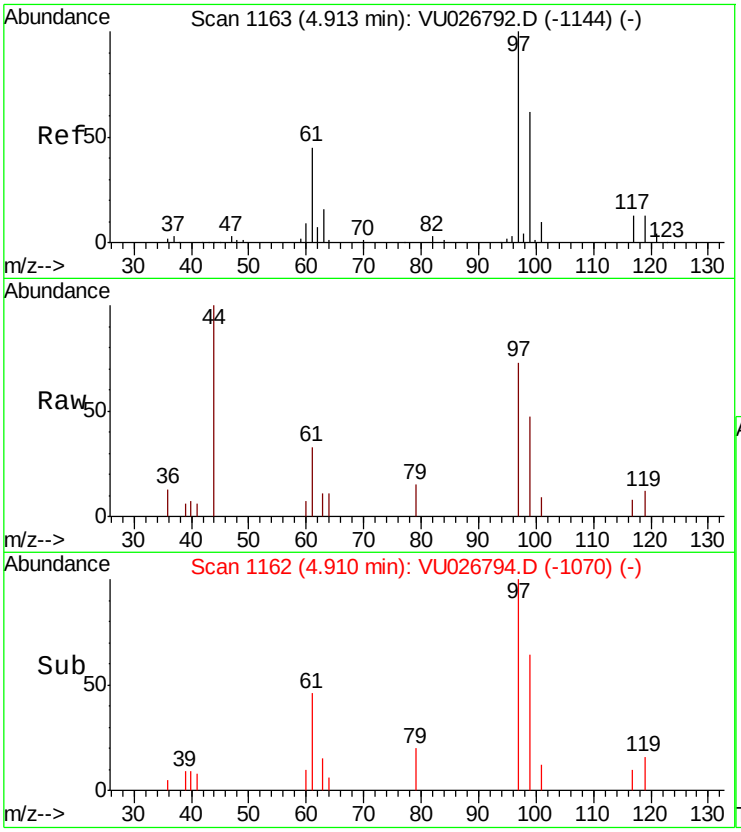


#25
Chloroform
Concen: 0.150 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Tgt Ion: 83 Resp: 2638

Ion	Ratio	Lower	Upper
83	100		
85	71.9	44.8	83.2



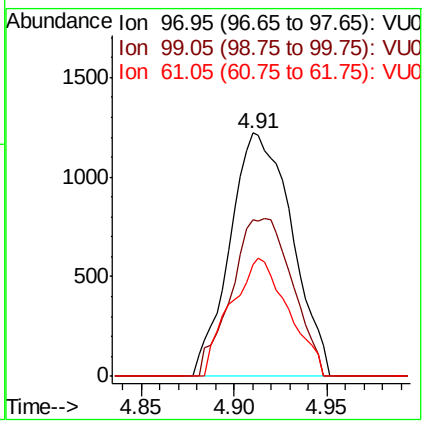


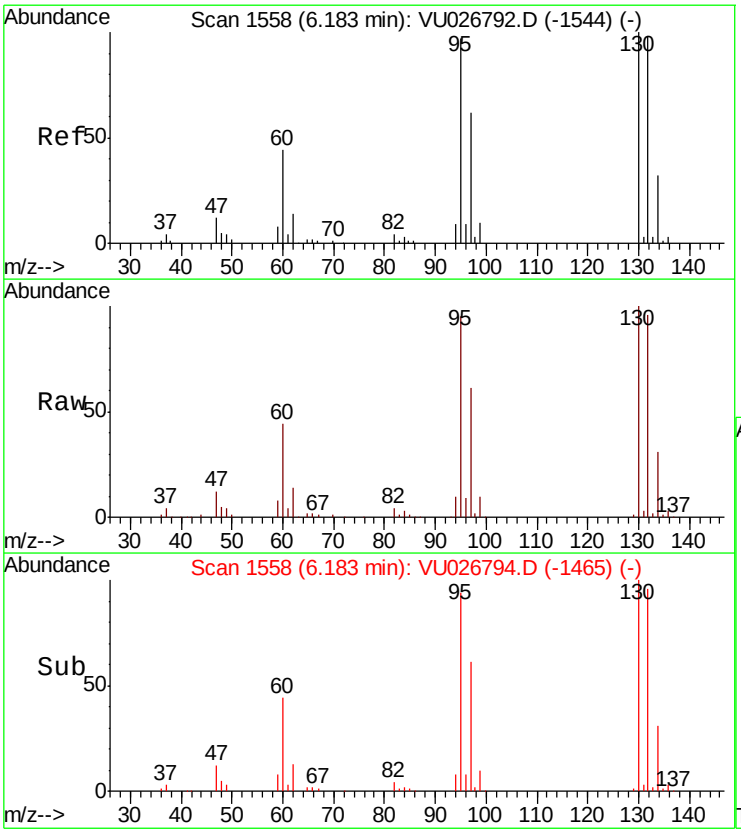
#29
1,1,1-Trichloroethane
Concen: 0.198 ug/L
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument : MSVOA_U
ClientSampleId : C0KX1

Tgt Ion: 97 Resp: 2840

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	45.2	36.6	54.8

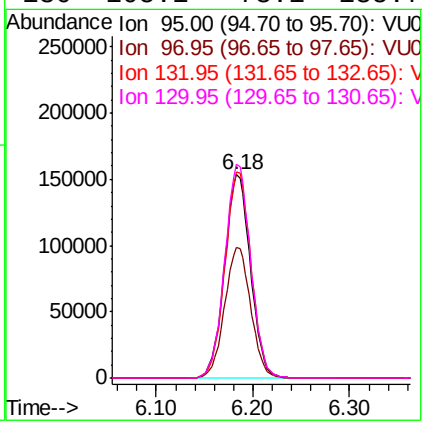


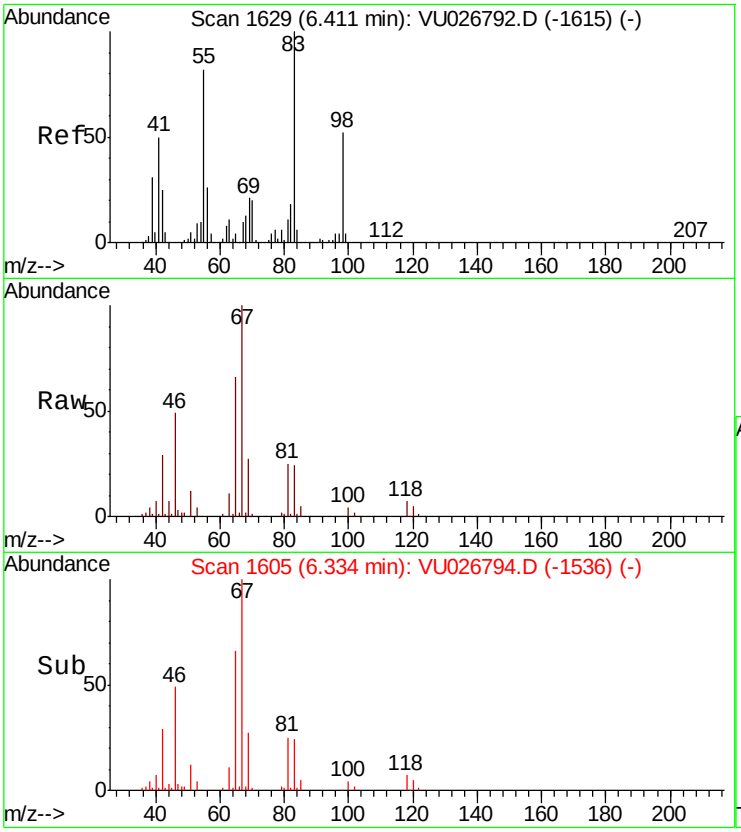


#34
Trichloroethene
Concen: 30.005 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Tgt Ion: 95 Resp: 285380

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.1	83.9
132	101.4	72.0	133.8
130	105.1	73.1	135.7



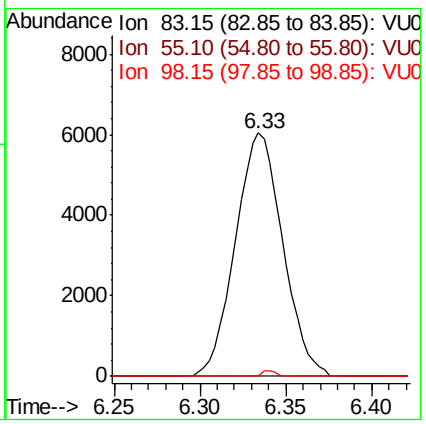


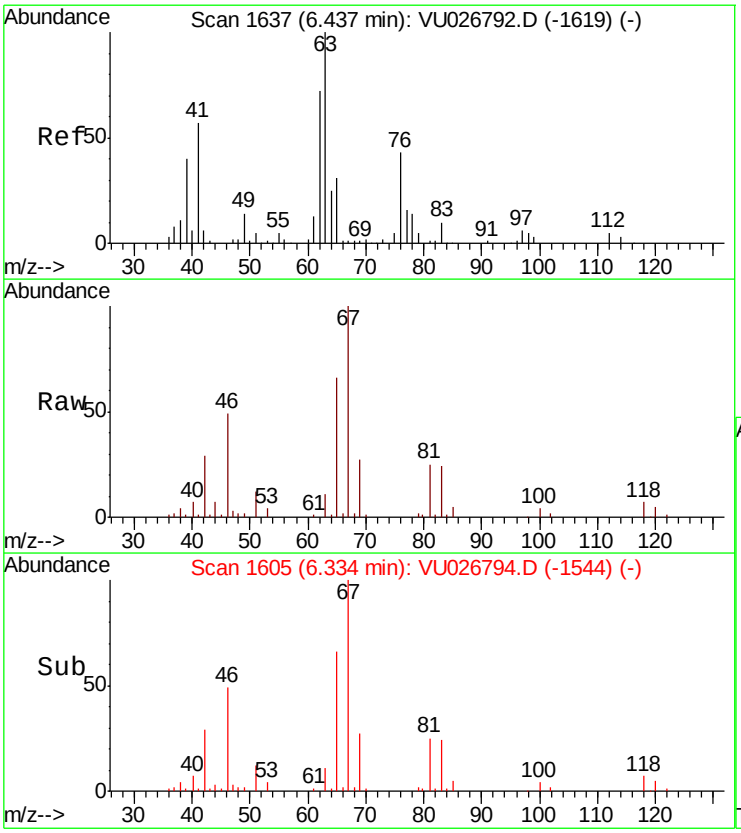
#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument :
MSVOA_U
ClientSampleId :
C0KX1

Tgt Ion: 83 Resp: 11590

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.9	97.3#
98	0.0	39.3	58.9#

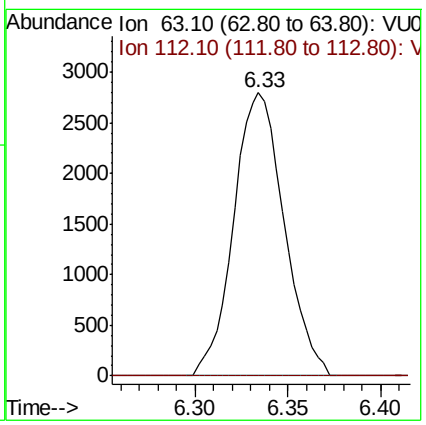


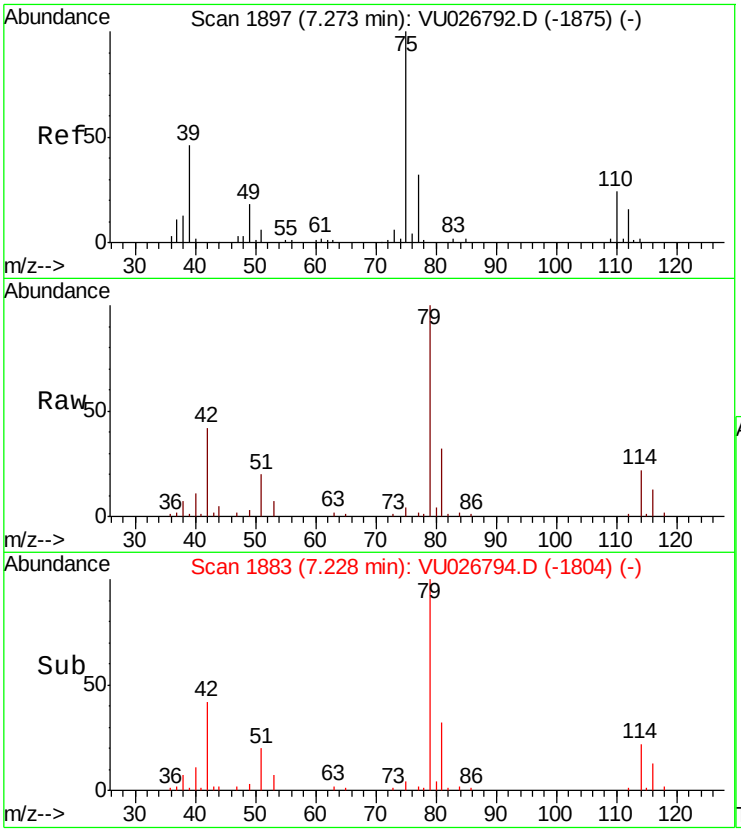


#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Tgt Ion: 63 Resp: 5282

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



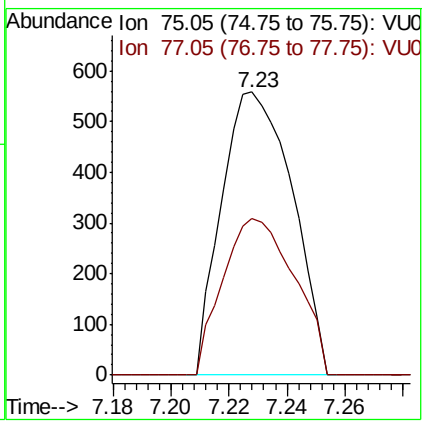


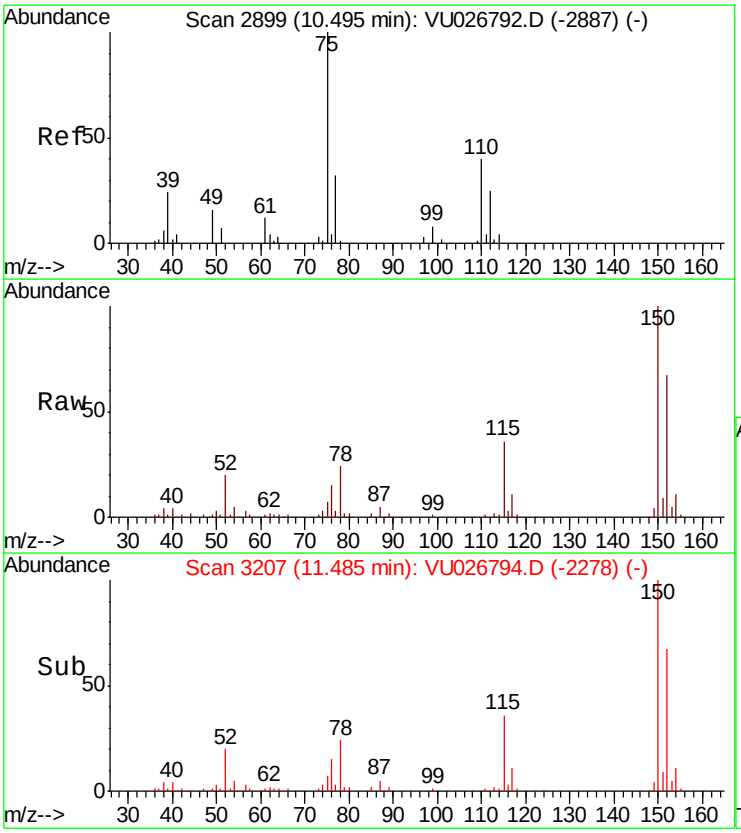
#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument :
MSVOA_U
ClientSampleId :
C0KX1

Tgt Ion: 75 Resp: 946

Ion	Ratio	Lower	Upper
75	100		
77	55.2	21.7	40.3#

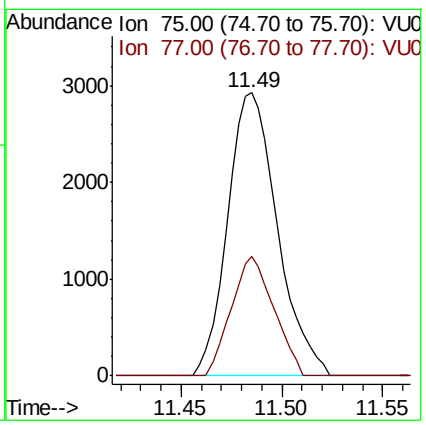


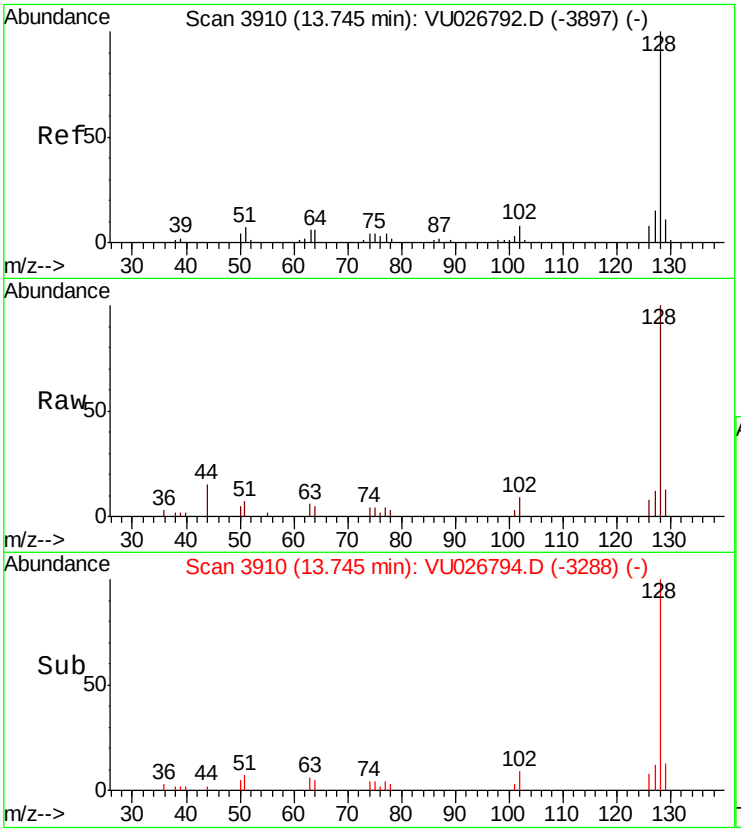


#59
1,2,3-Trichloropropane
Concen: 0.867 ug/L
RT: 11.49 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Tgt Ion: 75 Resp: 5055

Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.9	38.9





#69
Naphthalene
Concen: 0.616 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026794.D
Acq: 15 Sep 2018 22:20

Instrument :
MSVOA_U
ClientSampleId :
C0KX1

Tgt Ion:128 Resp: 8857

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	11.6	10.8	16.2