Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026788.D
Acq On : 15 Sep 2018 19:44
Operator : MD/SY
Sample : J4920-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0KZ6

Quant Time: Sep 17 05:20:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 05:13:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121912	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	103640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42616	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	45184	5.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.20%			
7) Chloroethane-d5	1.68	69	37539	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.00%			
11) 1,1-Dichloroethene-d2	2.27	63	63889	3.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.40%			
20) 2-Butanone-d5	4.20	46	100281	49.07	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.14%			
24) Chloroform-d	4.65	84	74395	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.31	65	40594	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.34	84	157787	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
36) 1,2-Dichloropropane-d6	6.33	67	49424	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.57	98	120297	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.85	79	14722	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.32	63	62115	45.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36929	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	45441	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	581	0.060	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	585	0.064	ug/L #	1
13) Acetone	2.32	43	2405	1.324	ug/L	88
14) Carbon disulfide	2.48	76	16925	0.536	ug/L	98
15) Methyl Acetate	2.44	43	7488	1.571	ug/L #	52
16) Methylene chloride	2.70	84	2354	0.213	ug/L	93
25) Chloroform	4.67	83	1603	0.089	ug/L	98
34) Trichloroethene	6.19	95	779	0.079	ug/L	94
35) Methylcyclohexane	6.33	83	11779	0.733	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5295	0.514	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	807	0.058	ug/L #	24
48) 2-Hexanone	8.32	43	9279	2.163	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	5259	0.868	ug/L	96

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

Quantitation Report (Not Reviewed)

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Operator : MD/SY
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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
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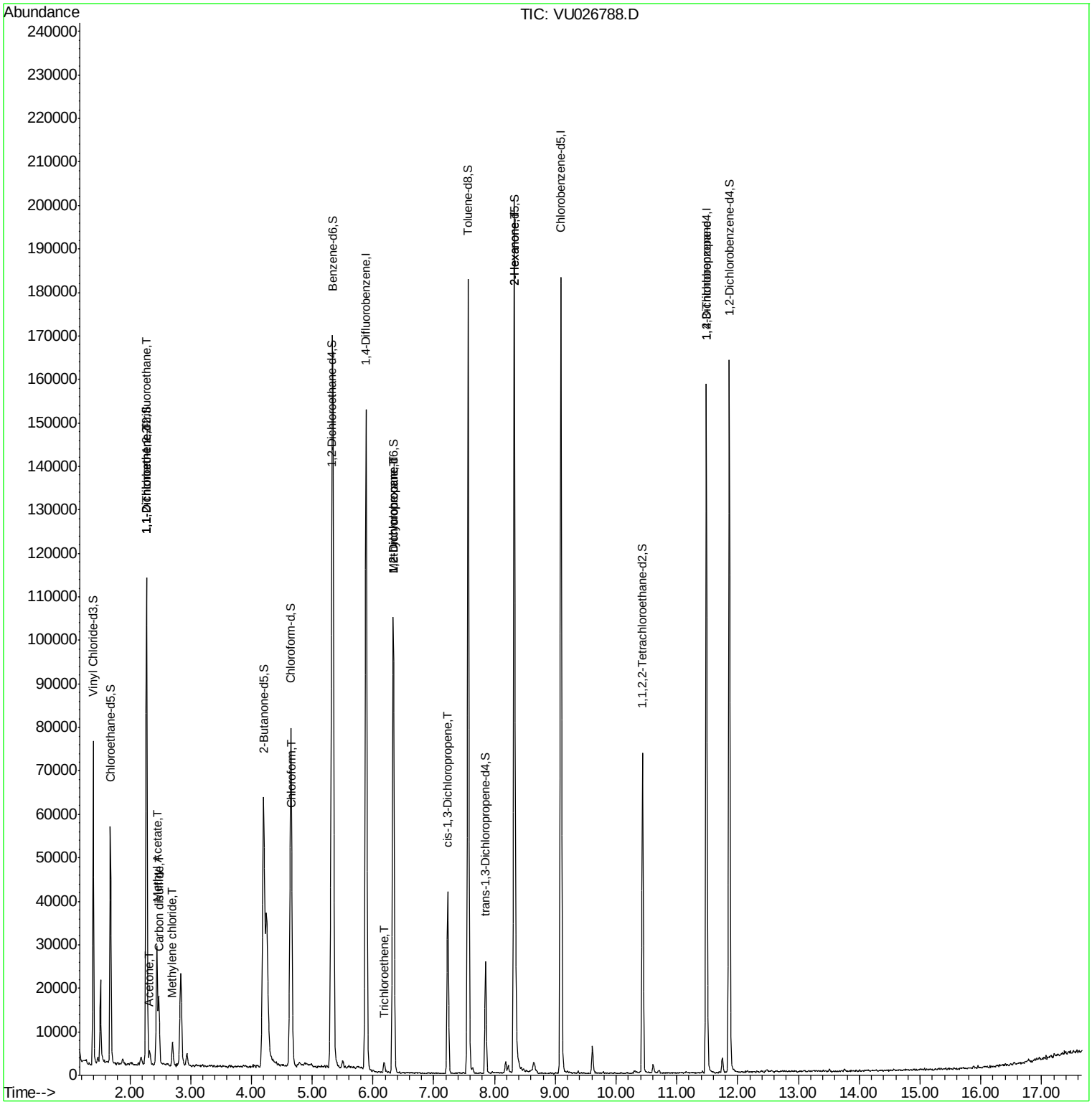
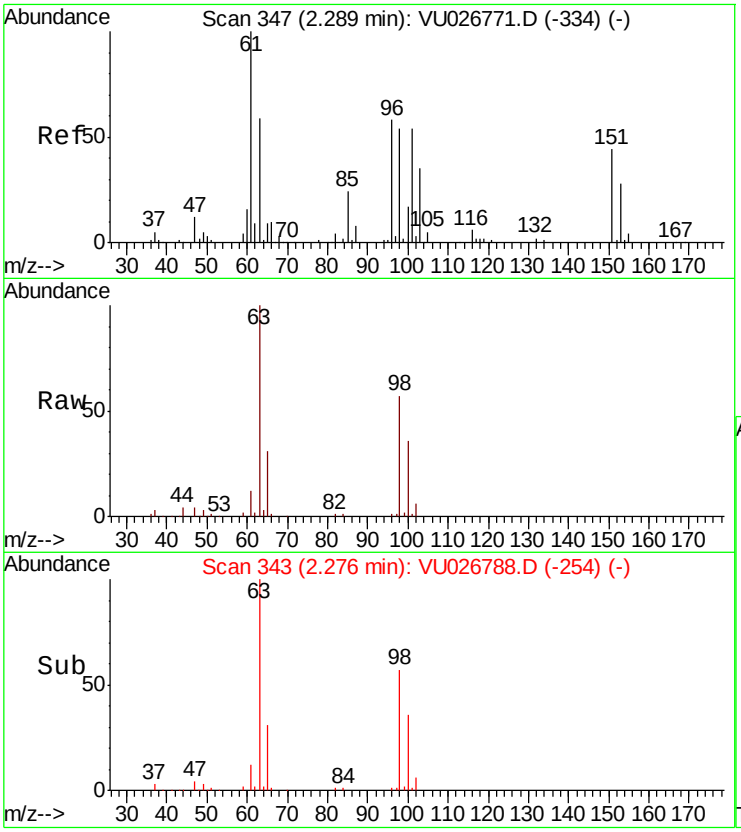
Quant Time: Sep 17 05:20:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 05:13:11 2018
Response via : Initial Calibration



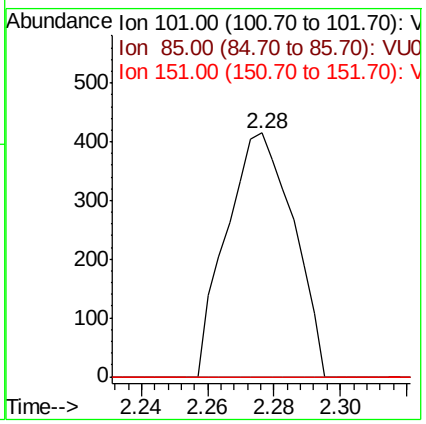


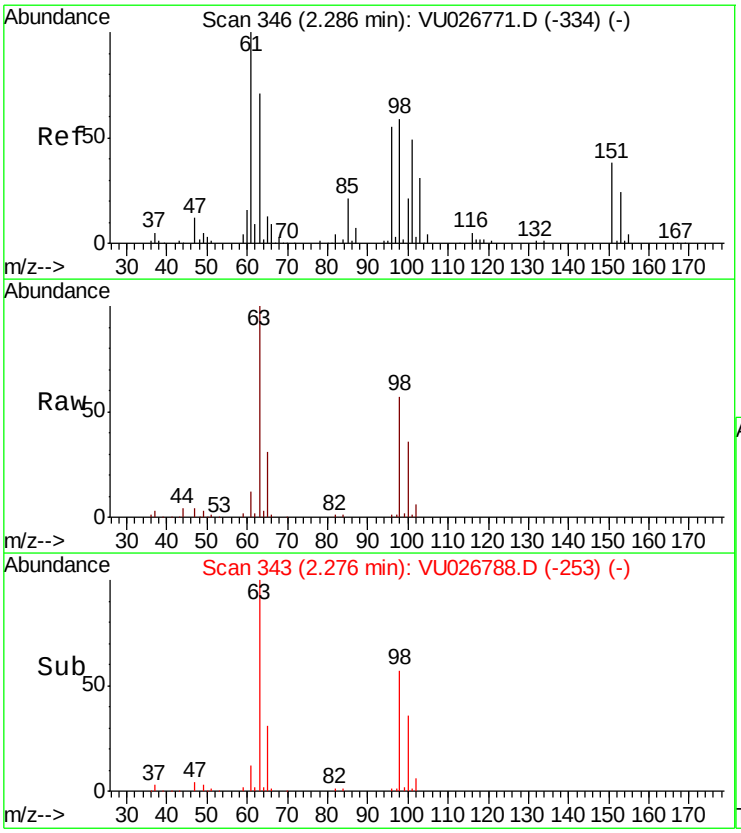
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Instrument : MSVOA_U
ClientSampleId : C0KZ6

Tgt Ion:101 Resp: 581

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

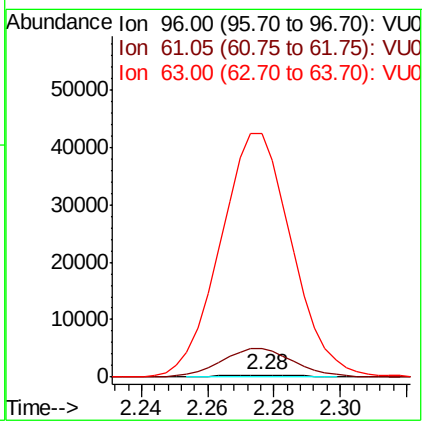


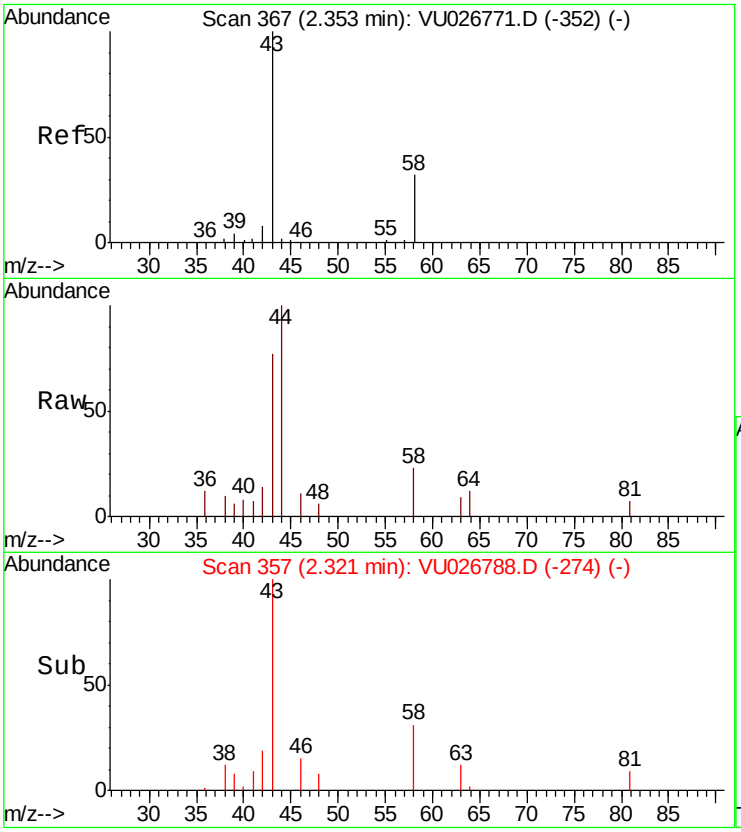


#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Tgt Ion: 96 Resp: 585

Ion	Ratio	Lower	Upper
96	100		
61	1298.4	126.6	235.2#
63	11134.7	91.3	169.5#



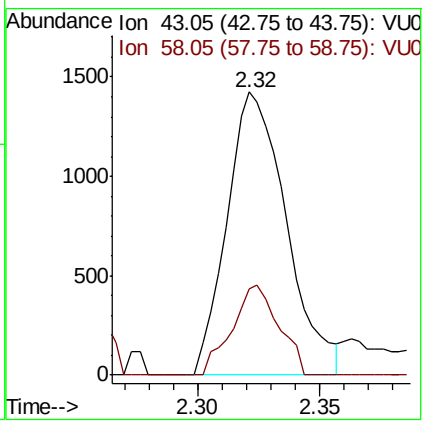


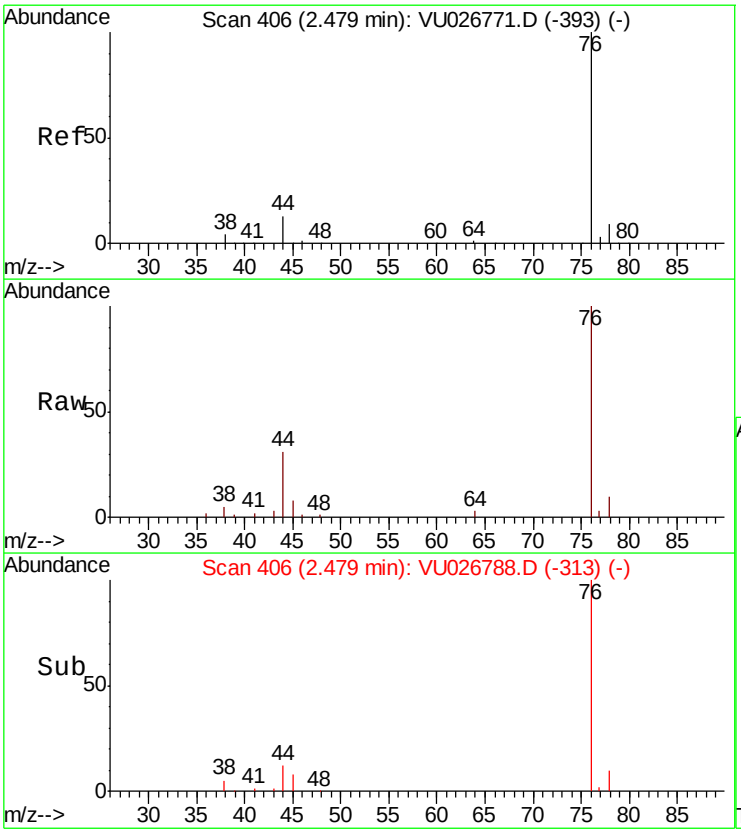
#13
Acetone
Concen: 1.324 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.03 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
C0KZ6

Tgt Ion: 43 Resp: 2405

Ion	Ratio	Lower	Upper
43	100		
58	25.0	0.0	63.0

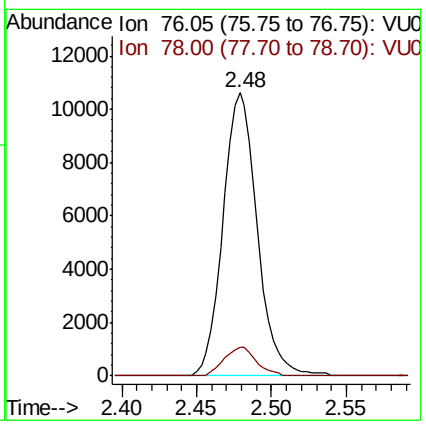


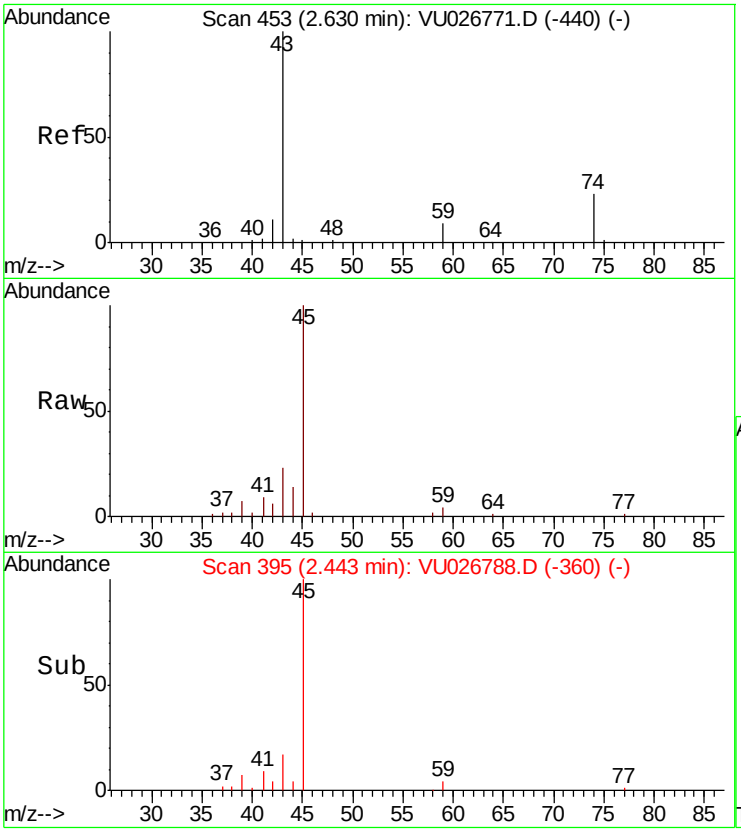


#14
Carbon disulfide
Concen: 0.536 ug/L
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Tgt Ion: 76 Resp: 16925

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.4	11.2



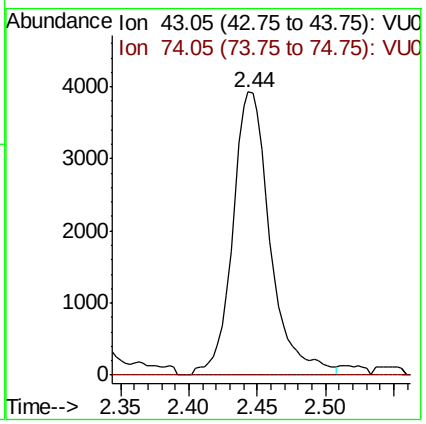


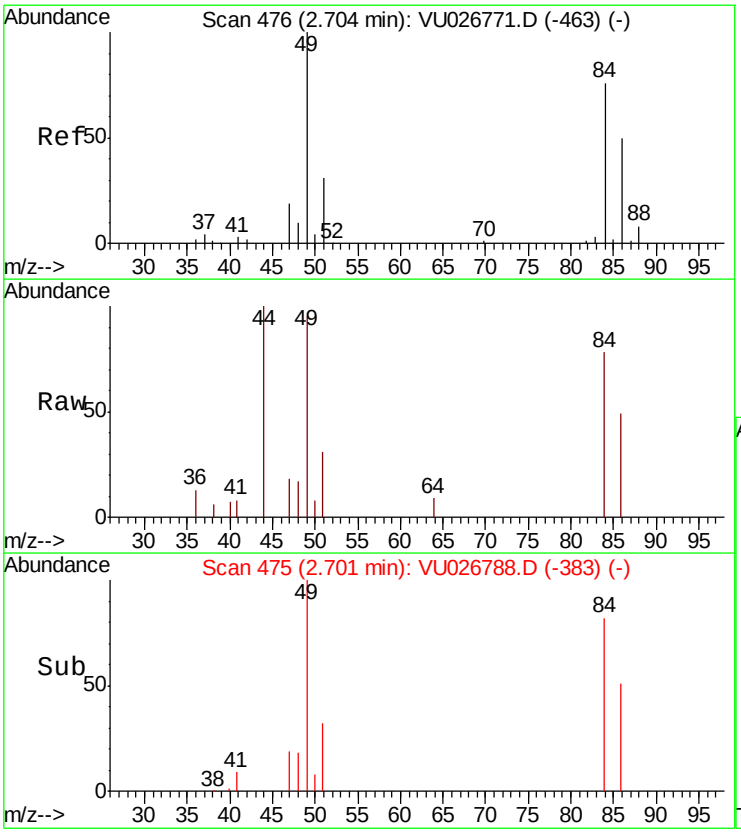
#15
Methyl Acetate
Concen: 1.571 ug/L
RT: 2.44 min Scan# 395
Delta R.T. -0.19 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Instrument : MSVOA_U
ClientSampleId : C0KZ6

Tgt Ion: 43 Resp: 7488

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.5	27.7#

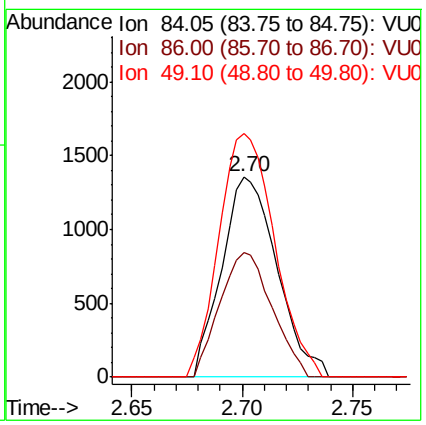


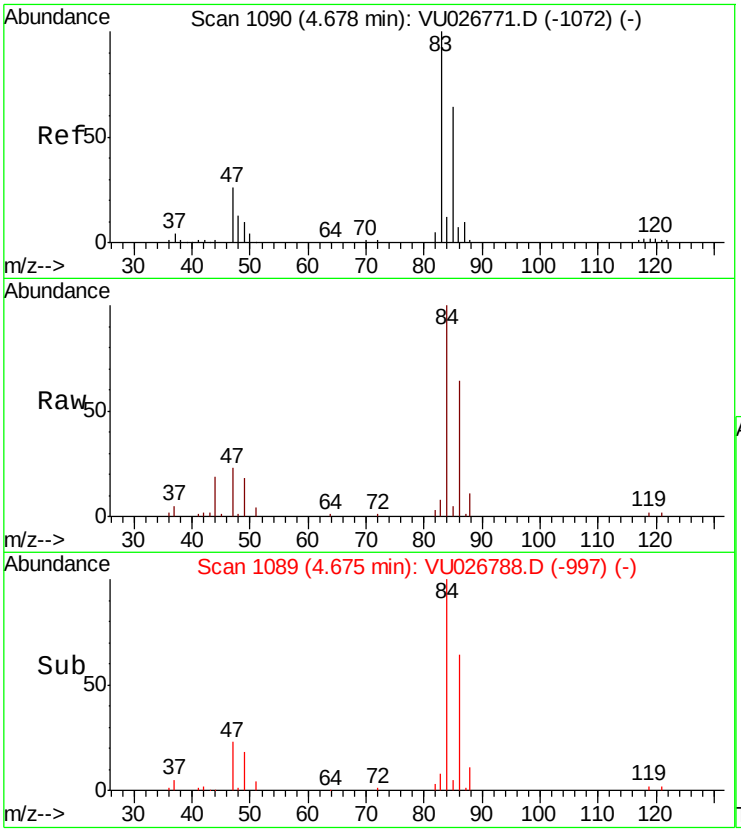


#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Tgt Ion: 84 Resp: 2354

Ion	Ratio	Lower	Upper
84	100		
86	62.2	46.1	85.5
49	121.4	92.1	171.1



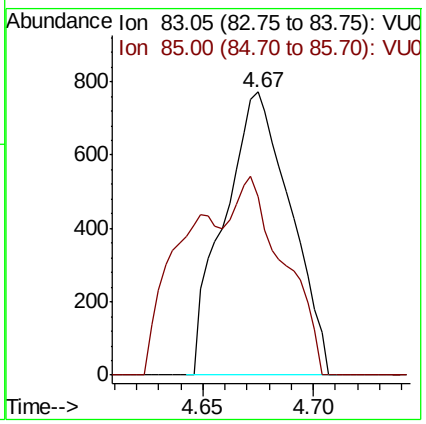


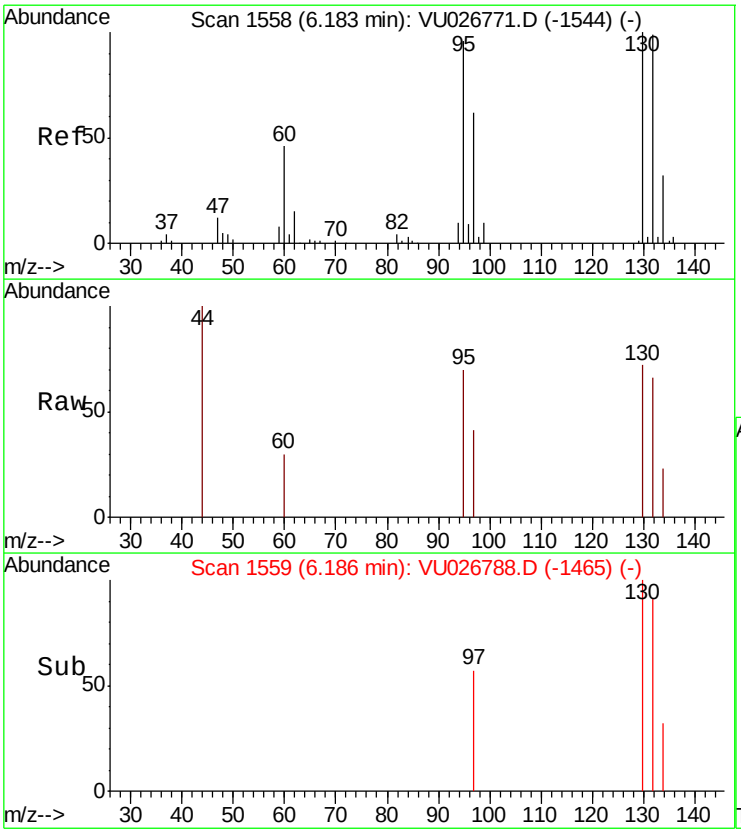
#25
Chloroform
Concen: 0.089 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Instrument : MSVOA_U
ClientSampleId : C0KZ6

Tgt Ion: 83 Resp: 1603

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.8	83.2

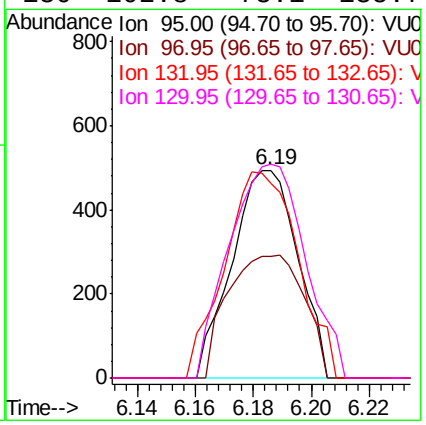


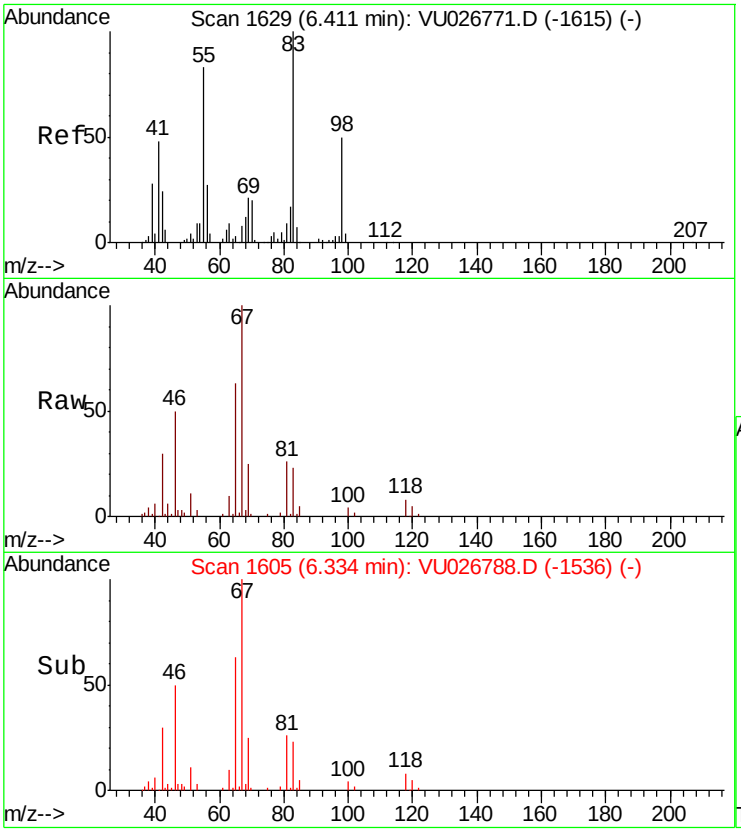


#34
Trichloroethene
Concen: 0.079 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Tgt Ion: 95 Resp: 779

Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.1	83.9
132	93.9	72.0	133.8
130	102.8	73.1	135.7



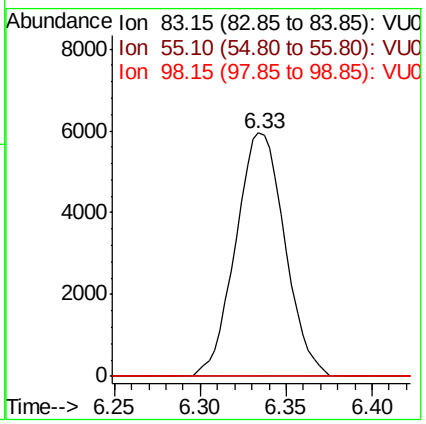


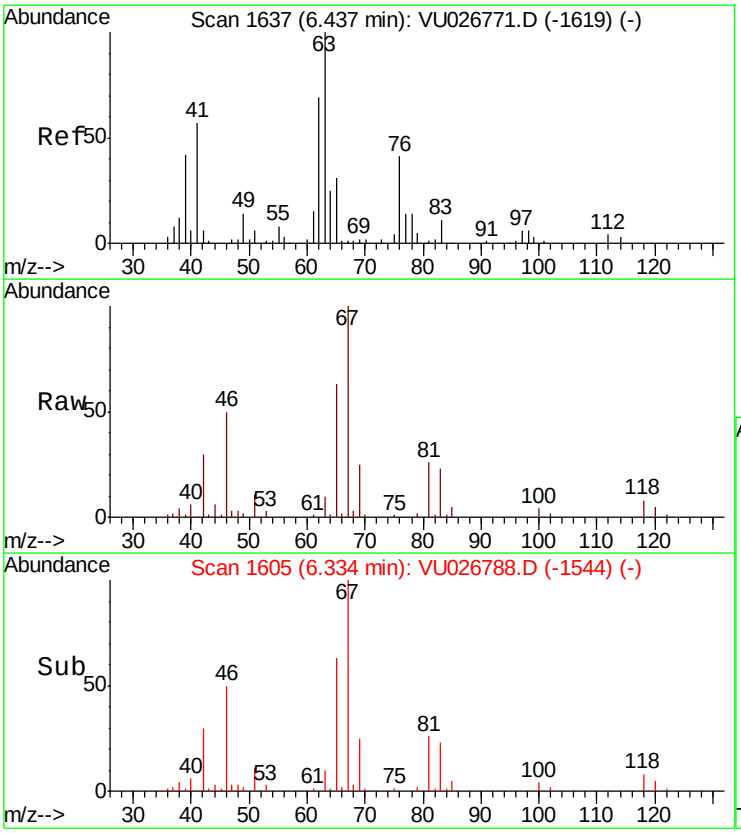
#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Instrument : MSVOA_U
ClientSampleId : C0KZ6

Tgt Ion: 83 Resp: 11779

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

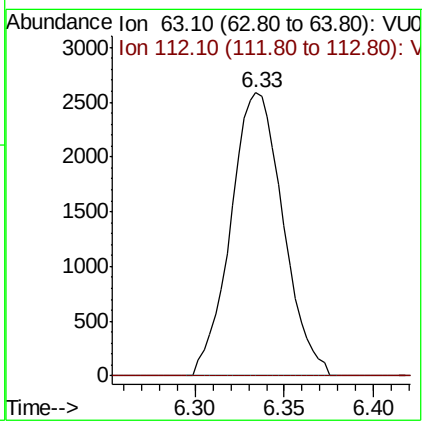


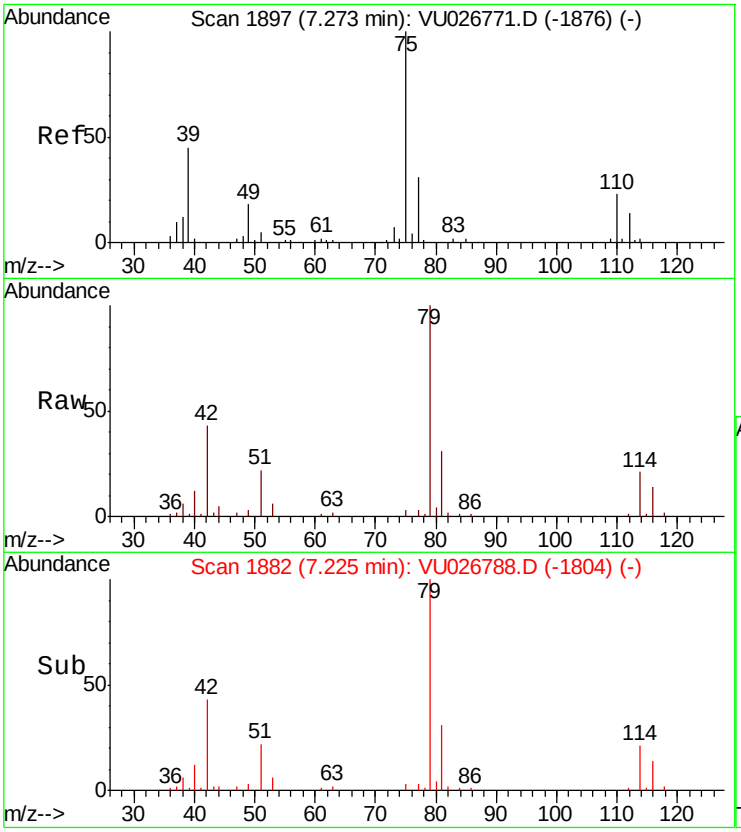


#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Tgt Ion: 63 Resp: 5295

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



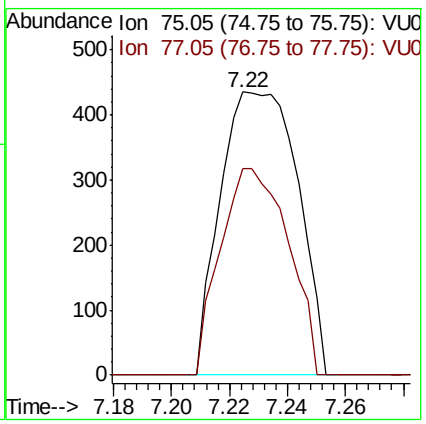


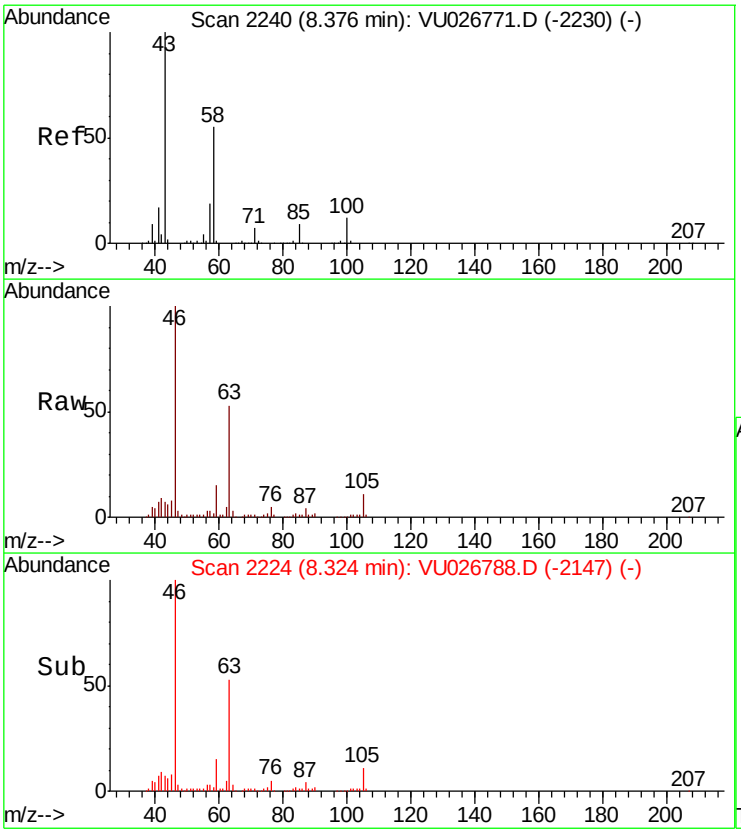
#39
cis-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.05 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
C0KZ6

Tgt Ion: 75 Resp: 807

Ion	Ratio	Lower	Upper
75	100		
77	72.9	21.7	40.3#

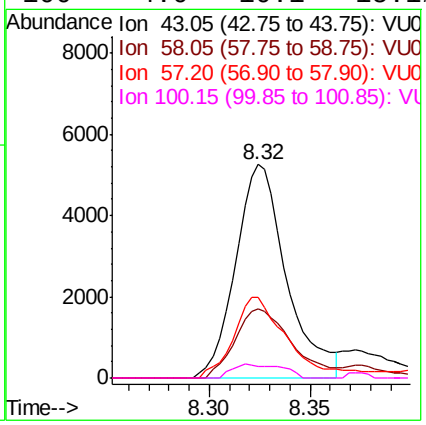


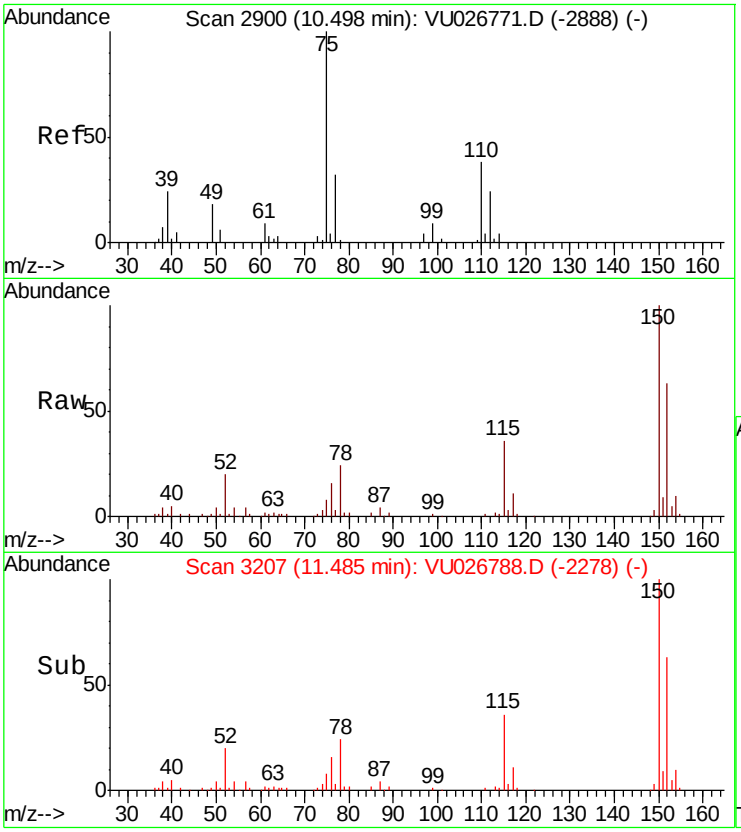


#48
2-Hexanone
Concen: 2.163 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.05 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Tgt Ion: 43 Resp: 9279

Ion	Ratio	Lower	Upper
43	100		
58	35.8	43.7	65.5#
57	40.3	15.2	22.8#
100	4.0	10.1	15.1#





#59
1,2,3-Trichloropropane
Concen: 0.868 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026788.D
Acq: 15 Sep 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
C0KZ6

Tgt Ion: 75 Resp: 5259

Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.9	38.9