

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026344.D
 Acq On : 24 Aug 2018 19:26
 Operator : MD/SY
 Sample : J4644-10 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 04:28:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	298440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	142011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78601	43.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.36%
7) Chloroethane-d5	1.68	69	64749	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.27	63	117592	32.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.74%
21) 2-Butanone-d5	4.18	46	145251	99.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	4.65	84	182116	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
26) 1,2-Dichloroethane-d4	5.31	65	123047	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
32) Benzene-d6	5.34	84	354278	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
36) 1,2-Dichloropropane-d6	6.33	67	117114	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.57	98	316894	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	54998	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.18%
47) 2-Hexanone-d5	8.31	63	100541	93.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	170172	45.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	141634	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

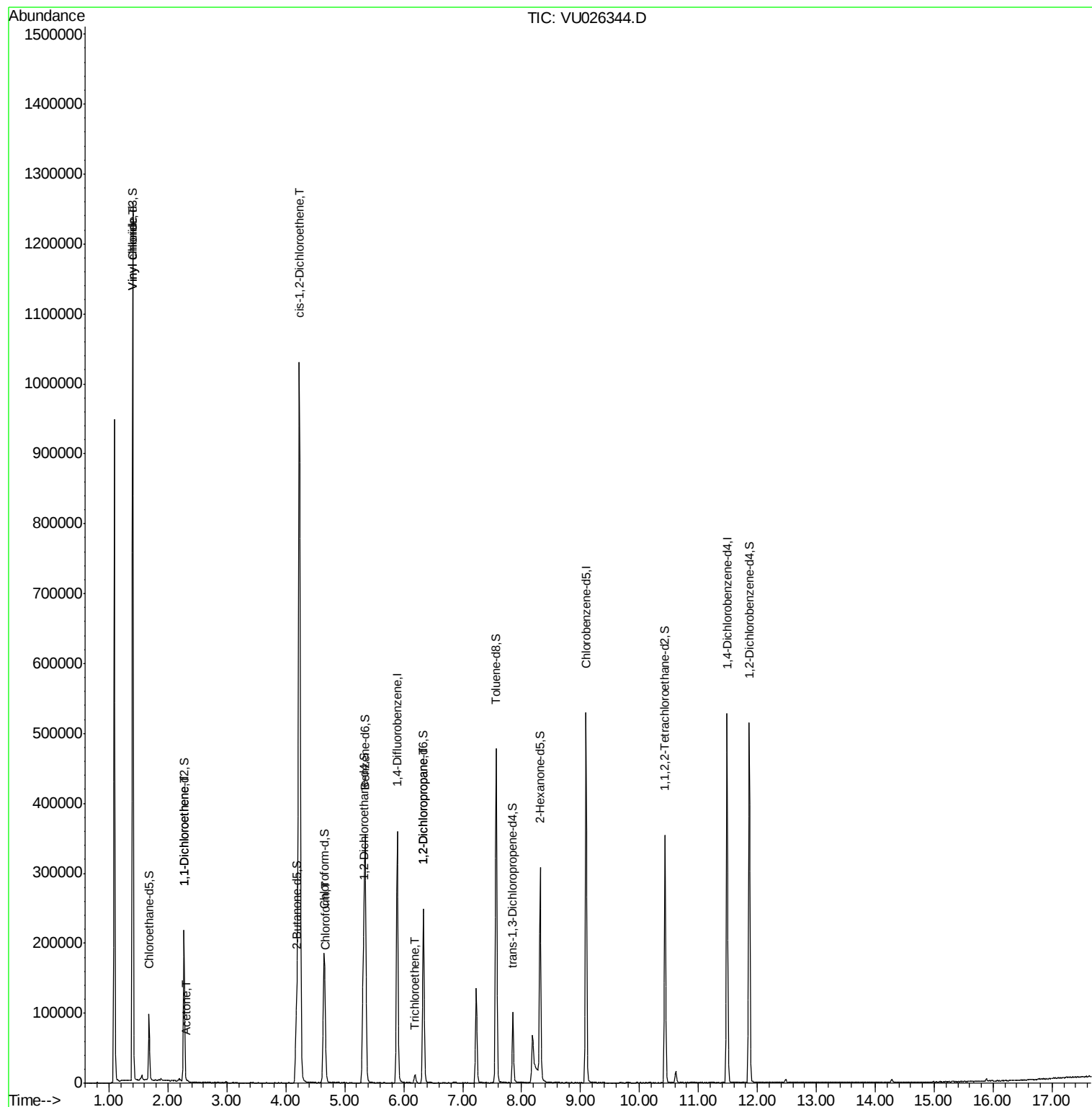
					Ovalue
5) Vinyl chloride	1.40	62	705005	323.869 ug/L	95
12) 1,1-Dichloroethene	2.28	96	3254	2.072 ug/L #	1
13) Acetone	2.32	43	1471	1.308 ug/L	57
20) cis-1,2-Dichloroethene	4.23	96	587148	274.741 ug/L	99
25) Chloroform	4.67	83	5334	1.417 ug/L	99
34) Trichloroethene	6.19	95	4257	2.006 ug/L	95
37) 1,2-Dichloropropane	6.33	63	12814	5.842 ug/L #	88

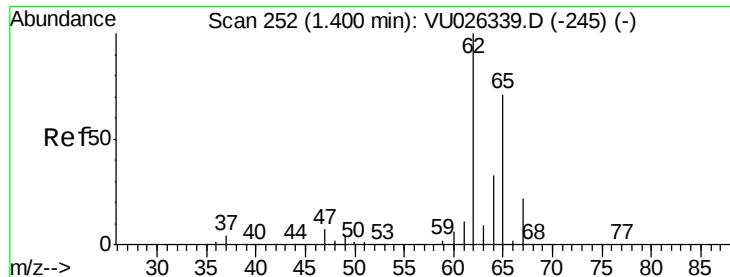
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 04:25:01 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 323.869 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026344.D

Acq: 24 Aug 2018 19:26

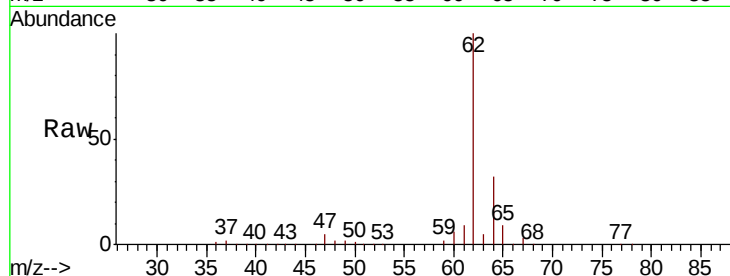
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 705005

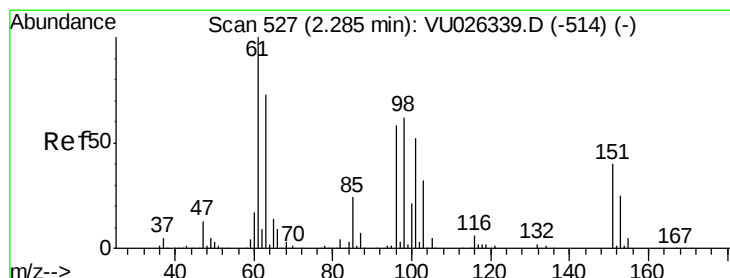
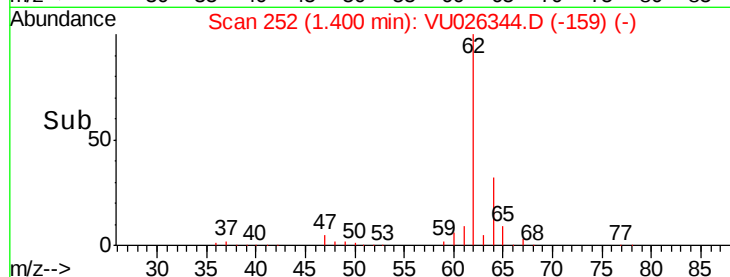
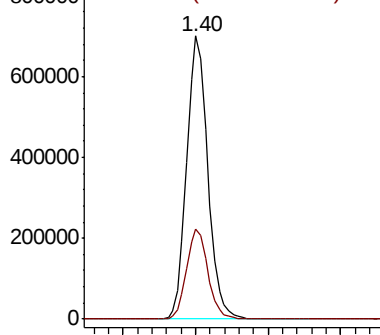
Ion Ratio Lower Upper

62 100

64 31.9 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 2.072 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU026344.D

Acq: 24 Aug 2018 19:26

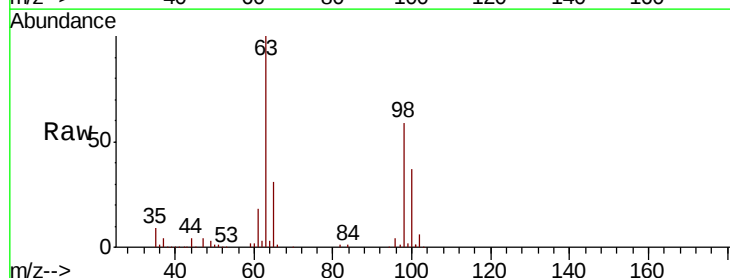
Tgt Ion: 96 Resp: 3254

Ion Ratio Lower Upper

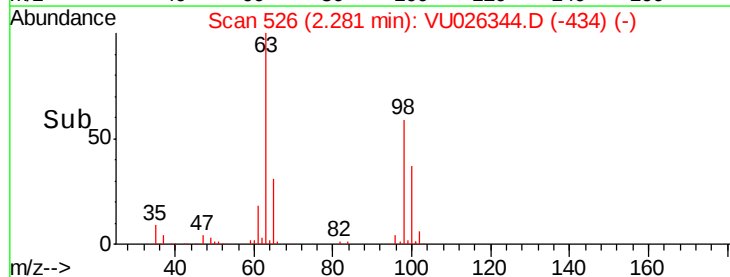
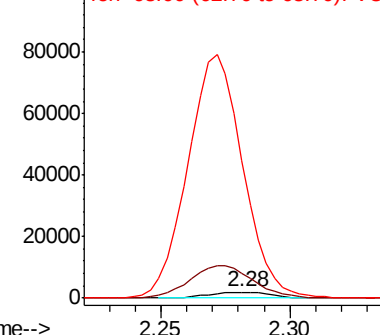
96 100

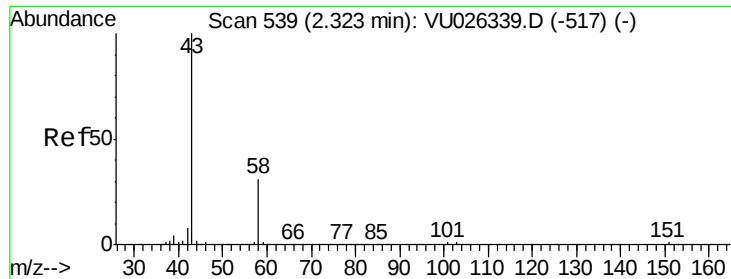
61 430.5 124.7 231.5#

63 2367.7 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.308 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026344.D

Acq: 24 Aug 2018 19:26

Instrument :

MSVOA_U

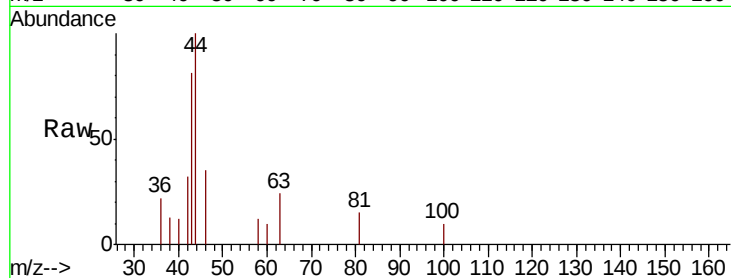
ClientSampleId :

Tot Ion: 43 Resp: 1471

Ion Ratio Lower Upper

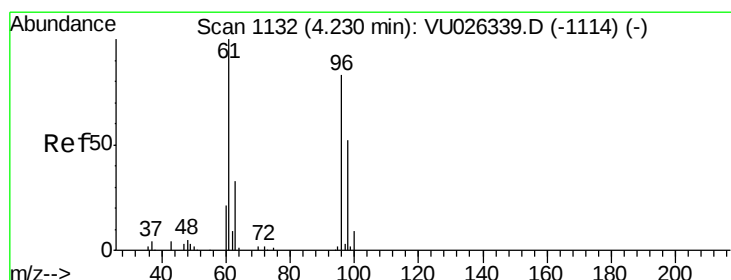
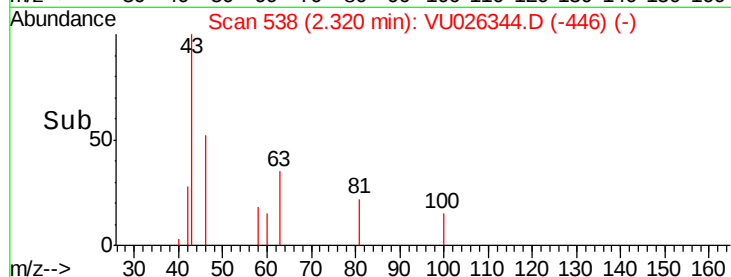
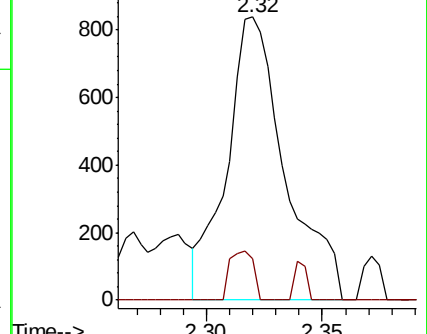
43 100

58 6.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 274.741 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026344.D

Acq: 24 Aug 2018 19:26

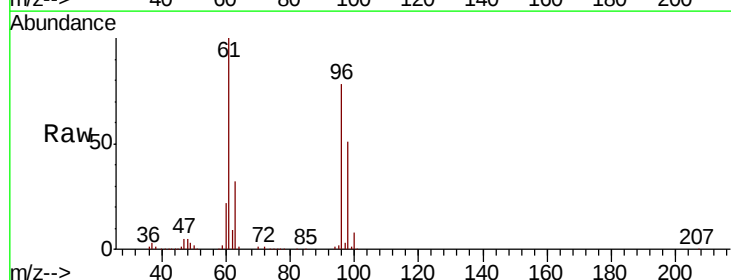
Tgt Ion: 96 Resp: 587148

Ion Ratio Lower Upper

96 100

61 127.6 90.3 167.7

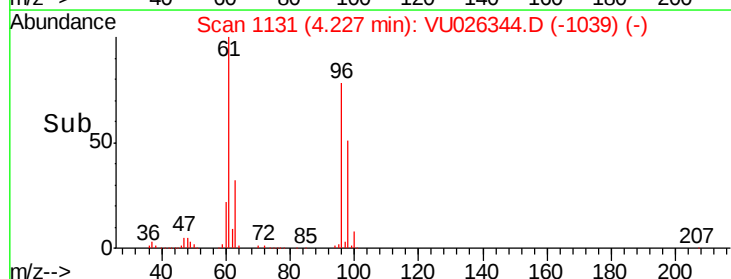
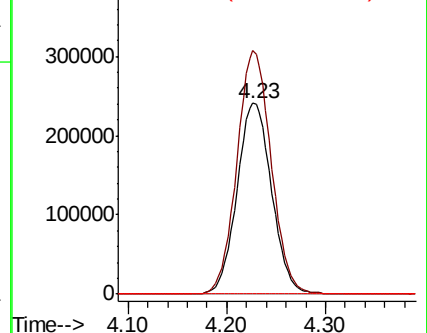
68 0.0 0.0 0.0

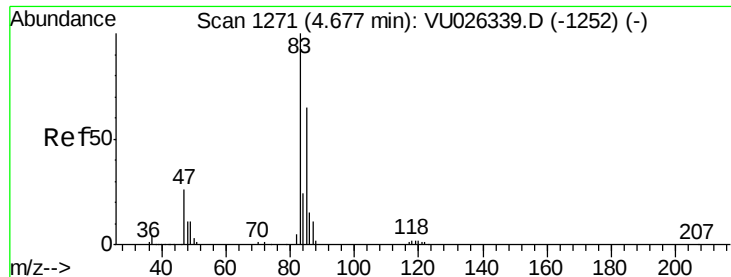


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 1.417 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU026344.D

Acq: 24 Aug 2018 19:26

Instrument :

MSVOA_U

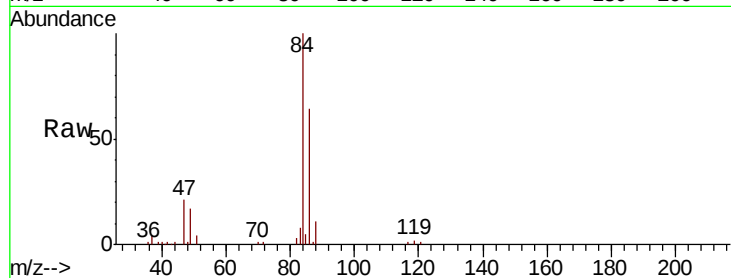
ClientSampleId :

Tot Ion: 83 Resp: 5334

Ion Ratio Lower Upper

83 100

85 65.3 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

2500

2000

1500

1000

500

0

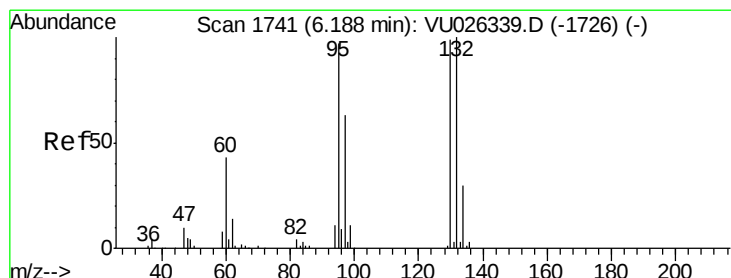
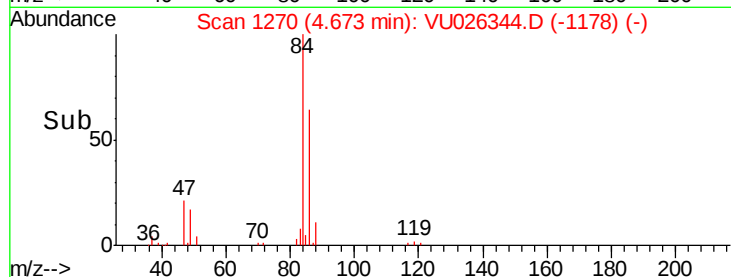
4.60

4.65

4.70

4.75

Time-->



#34

Trichloroethene

Concen: 2.006 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026344.D

Acq: 24 Aug 2018 19:26

Tgt Ion: 95 Resp: 4257

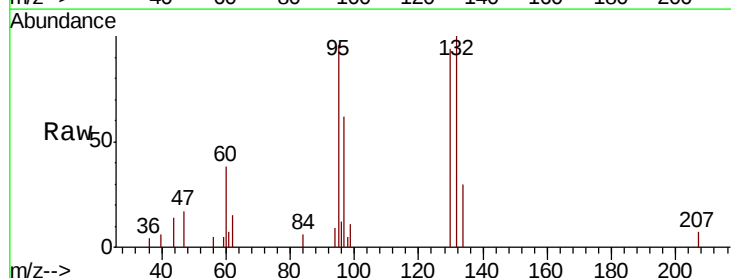
Ion Ratio Lower Upper

95 100

97 65.0 47.2 87.6

132 104.6 70.2 130.4

130 98.4 73.4 136.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

3000

2000

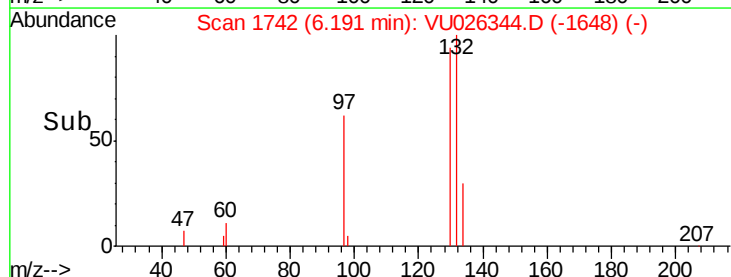
1000

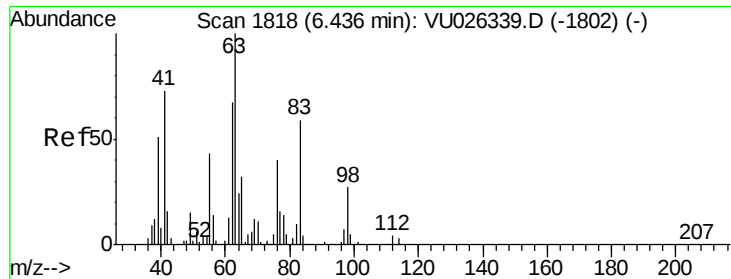
0

6.15

6.20

Time-->





#37
 1,2-Dichloropropane
 Concen: 5.842 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026344.D
 Acq: 24 Aug 2018 19:26

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 12814
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.2#

