

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026351.D
 Acq On : 24 Aug 2018 22:09
 Operator : MD/SY
 Sample : J4644-19 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 04:29:14 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	291693	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72721	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.74%
7) Chloroethane-d5	1.68	69	59123	40.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.50%
11) 1,1-Dichloroethene-d2	2.27	63	109538	31.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.64%
21) 2-Butanone-d5	4.18	46	138919	97.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.83%
24) Chloroform-d	4.65	84	171637	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.31	65	118976	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
32) Benzene-d6	5.35	84	336378	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
36) 1,2-Dichloropropane-d6	6.33	67	111106	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.24%
41) Toluene-d8	7.57	98	300559	41.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.90%
43) trans-1,3-Dichloropropene-	7.85	79	52312	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.14%
47) 2-Hexanone-d5	8.31	63	92857	89.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161352	44.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	133276	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%

Target Compounds

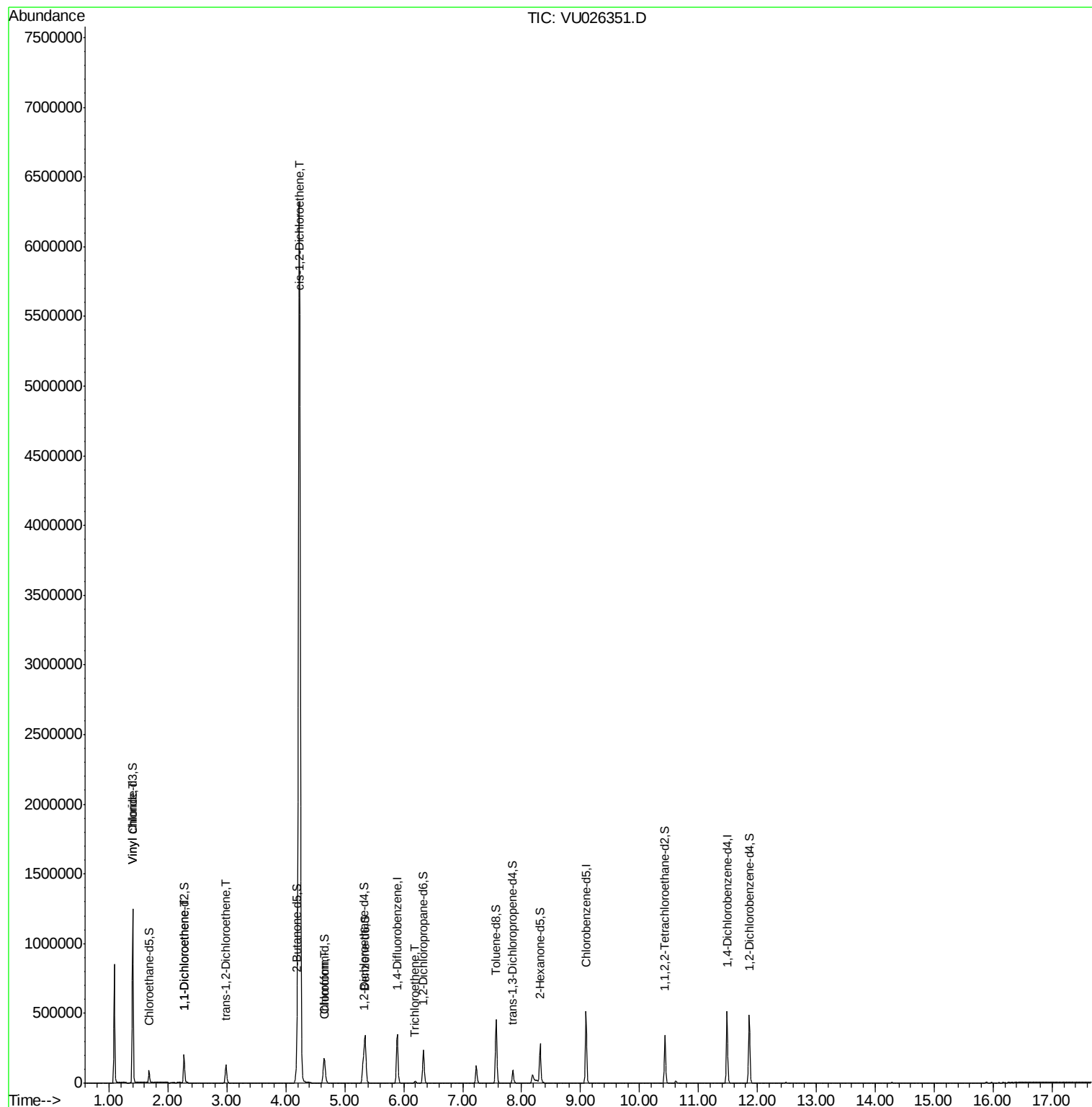
					Ovalue
5) Vinyl chloride	1.40	62	703585	330.693	ug/L 96
12) 1,1-Dichloroethene	2.27	96	2083	1.357	ug/L # 1
17) trans-1,2-Dichloroethene	2.99	96	52009	27.484	ug/L 95
20) cis-1,2-Dichloroethene	4.23	96	3604867	1725.826	ug/L 97
25) Chloroform	4.67	83	7292	1.982	ug/L 82
34) Trichloroethene	6.19	95	4288	2.098	ug/L 95

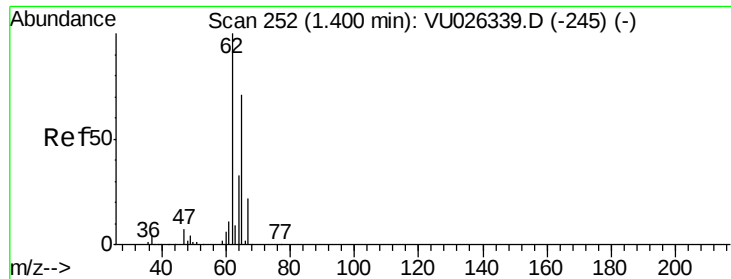
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 04:25:01 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 330.693 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026351.D

Acq: 24 Aug 2018 22:09

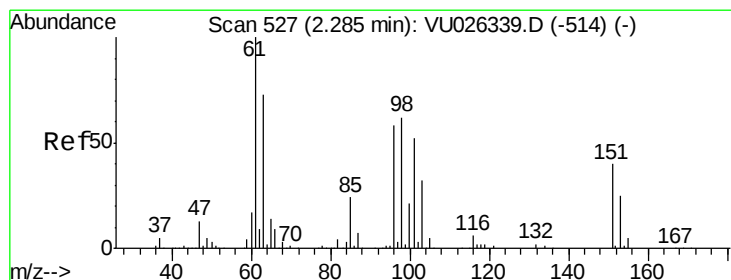
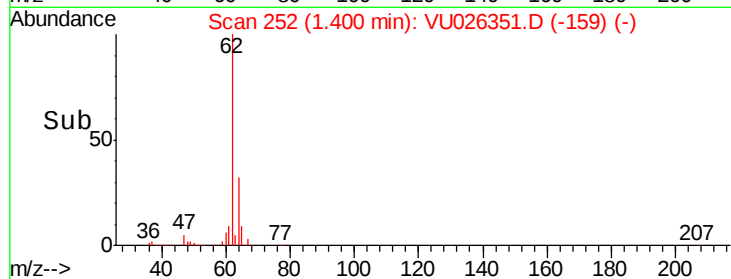
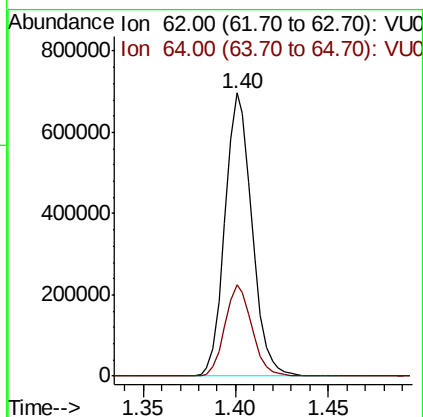
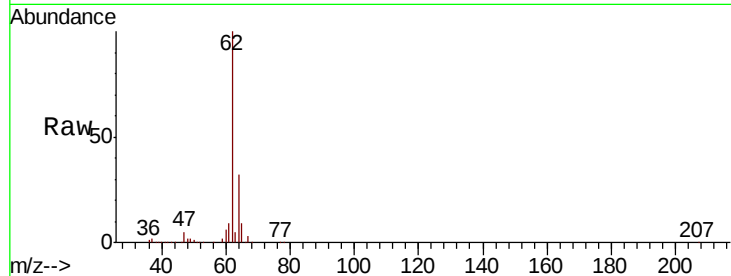
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 703585

Ion Ratio Lower Upper

62 100

64 32.1 24.2 45.0



#12

1,1-Dichloroethene

Concen: 1.357 ug/L

RT: 2.27 min Scan# 524

Delta R.T. -0.01 min

Lab File: VU026351.D

Acq: 24 Aug 2018 22:09

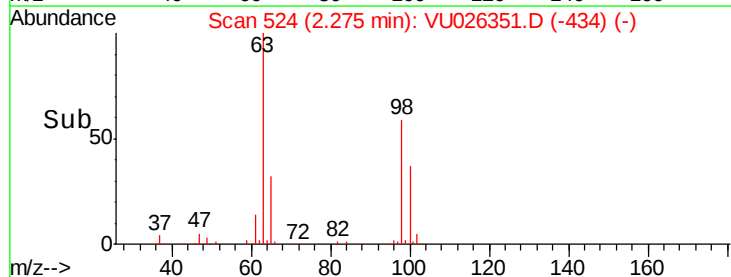
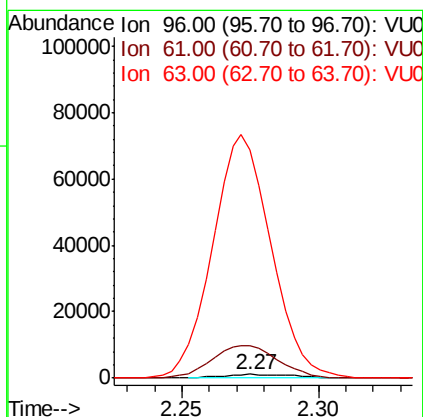
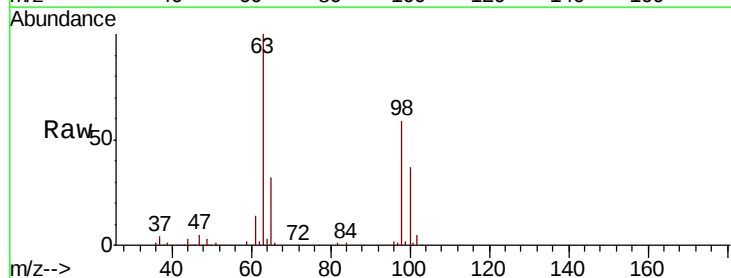
Tgt Ion: 96 Resp: 2083

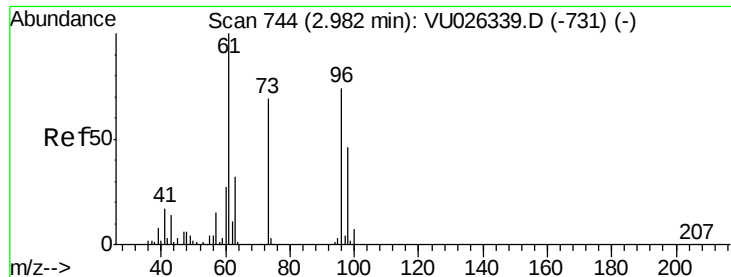
Ion Ratio Lower Upper

96 100

61 862.1 124.7 231.5#

63 6129.3 93.7 174.1#

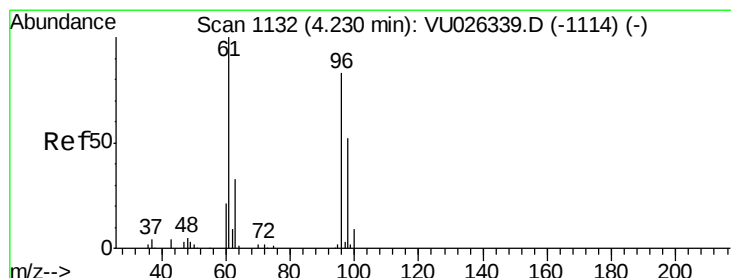
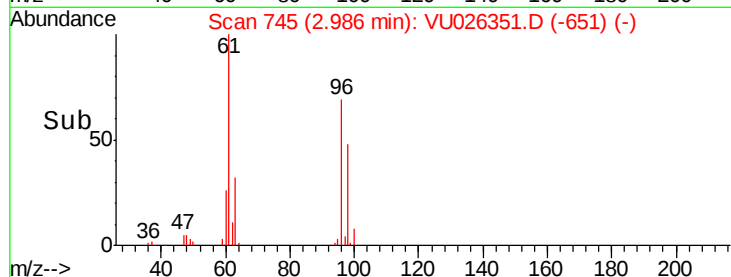
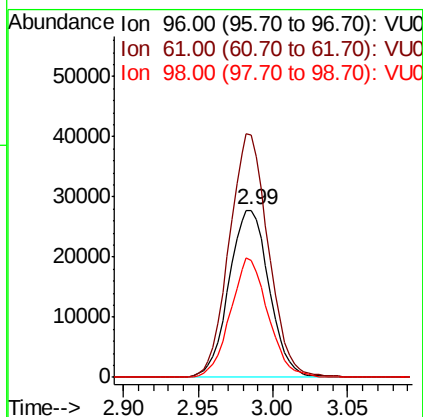
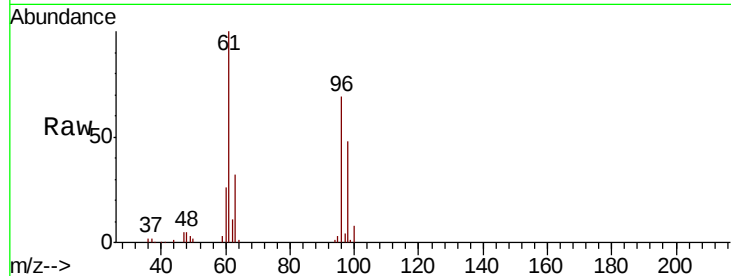




#17
trans-1,2-Dichloroethene
Concen: 27.484 ug/L
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU026351.D
Acq: 24 Aug 2018 22:09

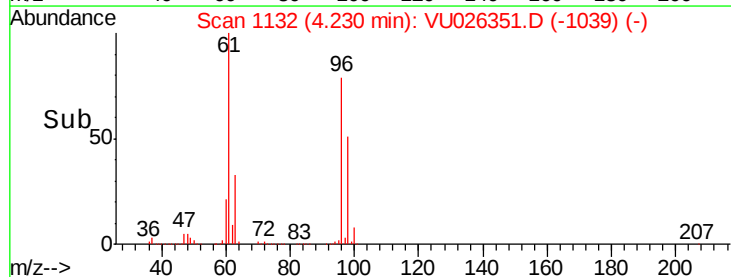
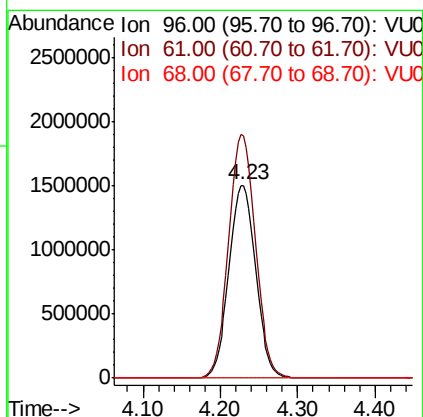
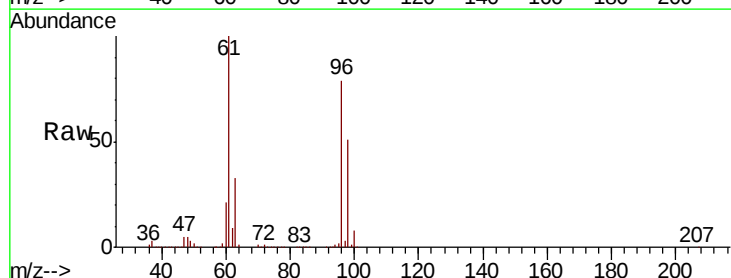
Instrument :
MSVOA_U
ClientSampled :

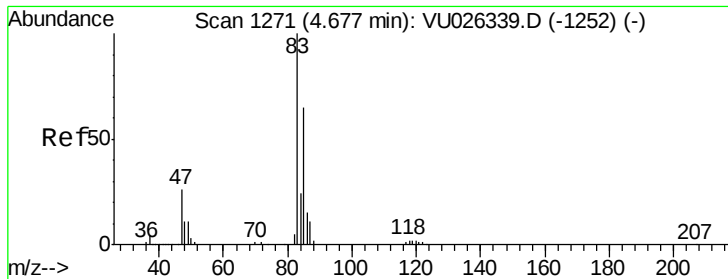
Tot Ion: 96 Resp: 52009
Ion Ratio Lower Upper
96 100
61 145.1 97.9 181.9
98 70.2 45.1 83.7



#20
cis-1,2-Dichloroethene
Concen: 1725.826 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU026351.D
Acq: 24 Aug 2018 22:09

Tgt Ion: 96 Resp: 3604867
Ion Ratio Lower Upper
96 100
61 125.9 90.3 167.7
68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.982 ug/L

RT: 4.67 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VU026351.D

Acq: 24 Aug 2018 22:09

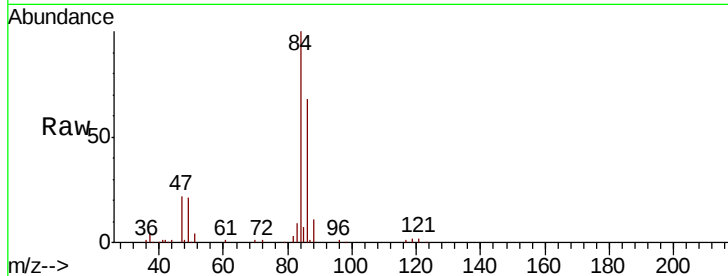
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7292

Ion Ratio Lower Upper

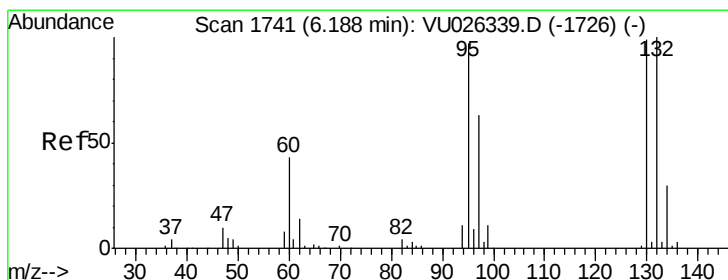
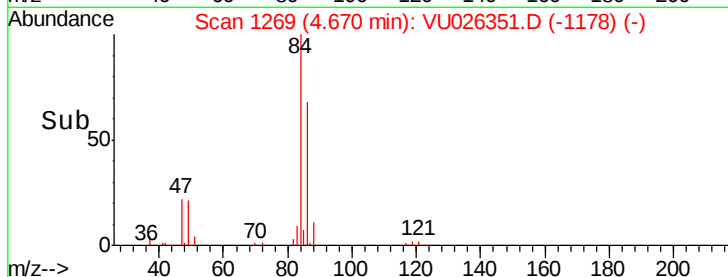
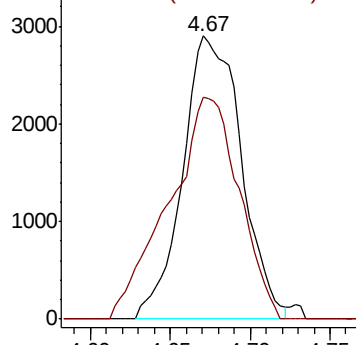
83 100

85 78.4 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 2.098 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026351.D

Acq: 24 Aug 2018 22:09

Tgt Ion: 95 Resp: 4288

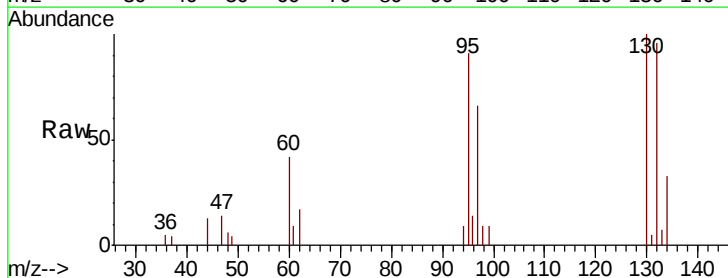
Ion Ratio Lower Upper

95 100

97 72.6 47.2 87.6

132 105.2 70.2 130.4

130 110.0 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

