

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082218\
 Data File : VU026272.D
 Acq On : 23 Aug 2018 00:56
 Operator : MD/SY
 Sample : J4599-02 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOK4

Quant Time: Aug 23 07:47:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	295756	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137230	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77766	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.68	69	64618	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.86%
11) 1,1-Dichloroethene-d2	2.27	63	119654	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	4.18	46	138690	96.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.33%
24) Chloroform-d	4.65	84	177378	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.31	65	123880	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
32) Benzene-d6	5.35	84	349642	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
36) 1,2-Dichloropropane-d6	6.33	67	114365	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.50%
41) Toluene-d8	7.57	98	316345	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%
43) trans-1,3-Dichloropropene-	7.85	79	54128	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.64%
47) 2-Hexanone-d5	8.31	63	96528	92.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	162665	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	140728	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%

Target Compounds

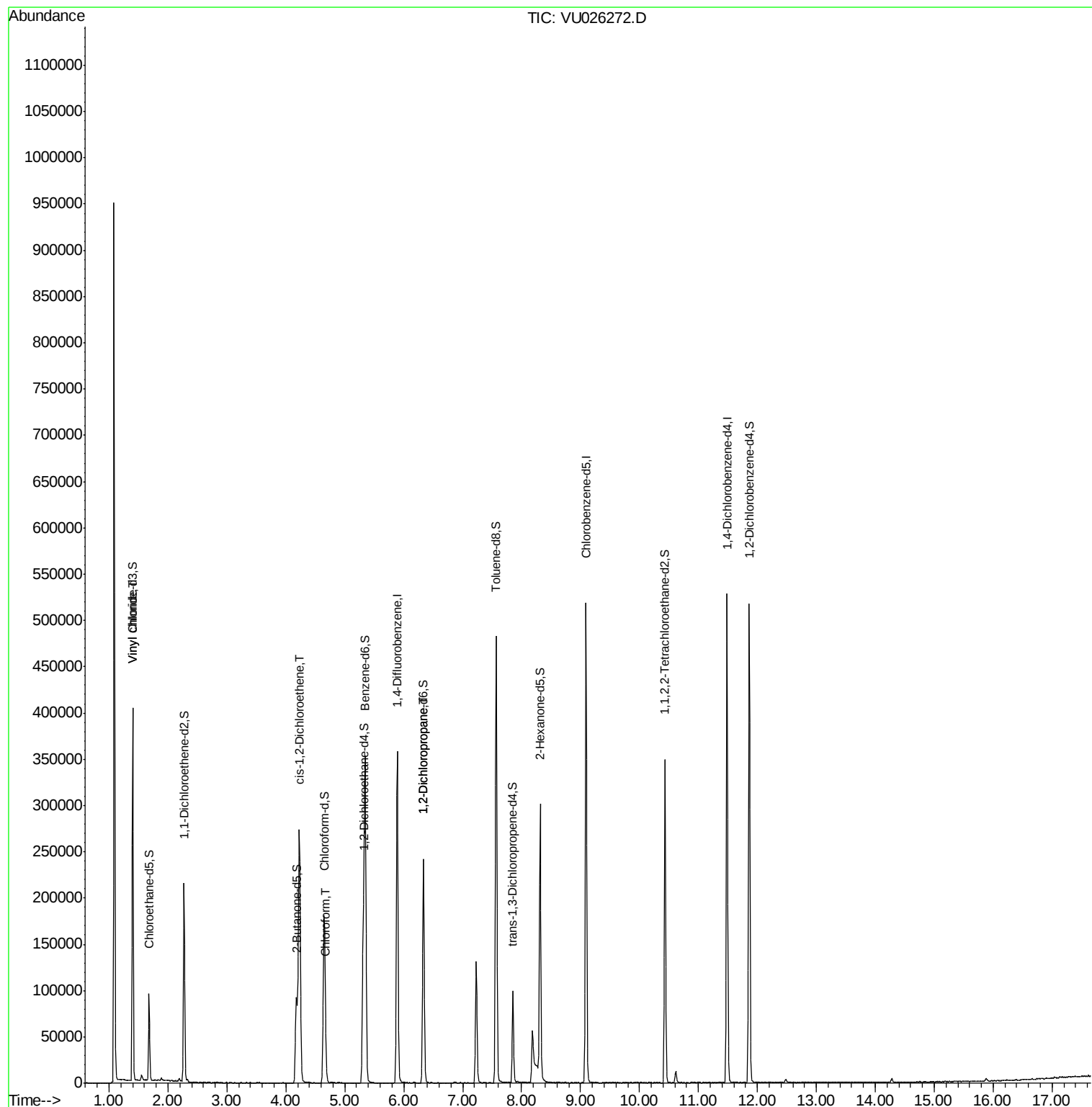
					Qvalue
5) Vinyl chloride	1.40	62	179977	83.429 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	152771	72.134 ug/L	98
25) Chloroform	4.68	83	8927	2.393 ug/L	99
37) 1,2-Dichloropropane	6.34	63	12807	6.035 ug/L #	88

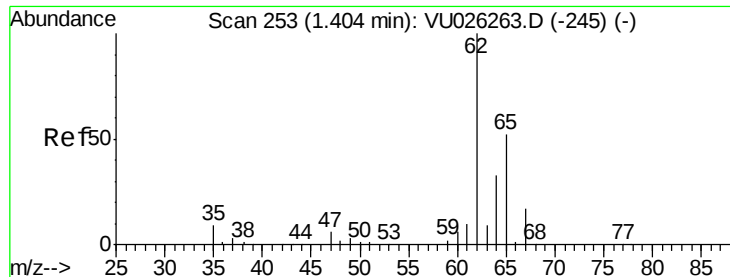
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 83.429 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Acq: 23 Aug 2018 00:56

Instrument :

MSVOA_U

ClientSampleId :

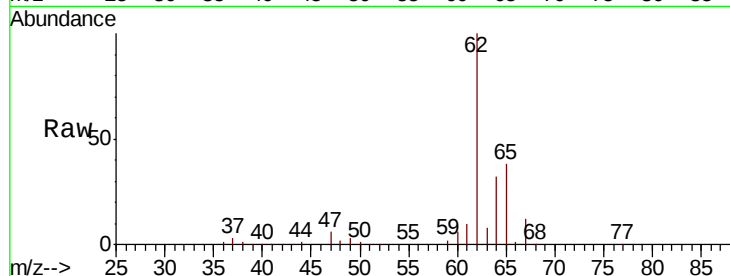
ETOK4

Tgt Ion: 62 Resp: 179977

Ion Ratio Lower Upper

62 100

64 32.2 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

200000

150000

100000

50000

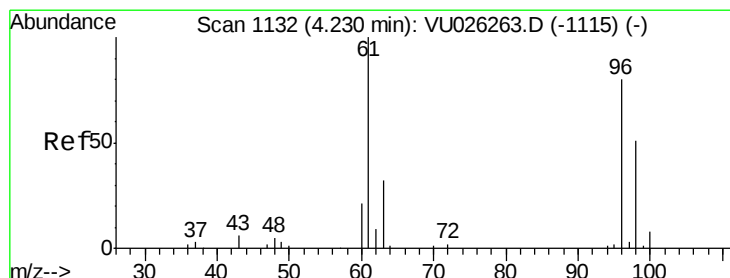
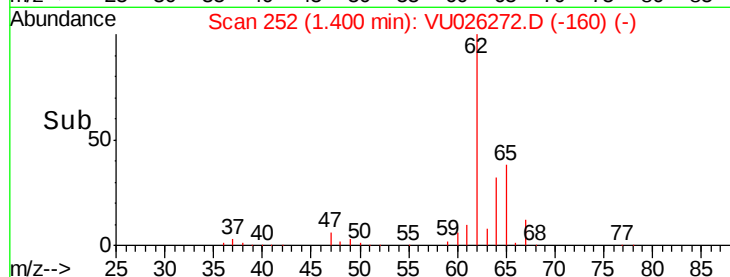
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Time-->

1.35

1.40

1.45



#20

cis-1,2-Dichloroethene

Concen: 72.134 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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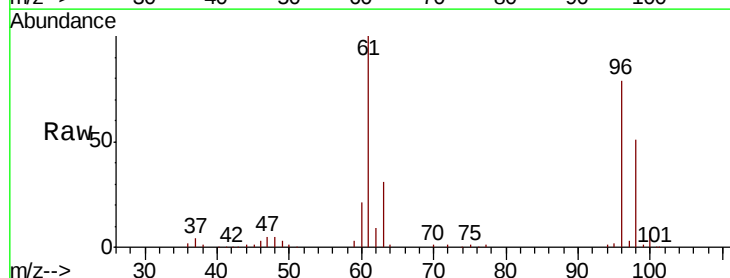
Tgt Ion: 96 Resp: 152771

Ion Ratio Lower Upper

96 100

61 126.2 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

100000

80000

60000

40000

20000

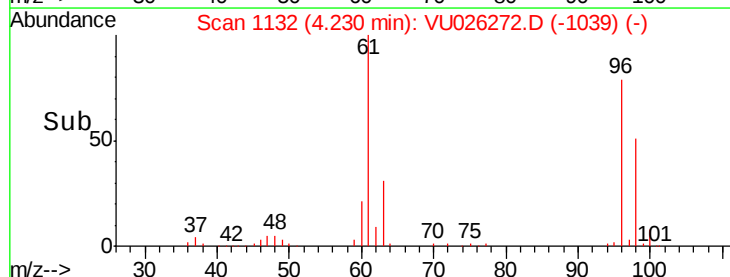
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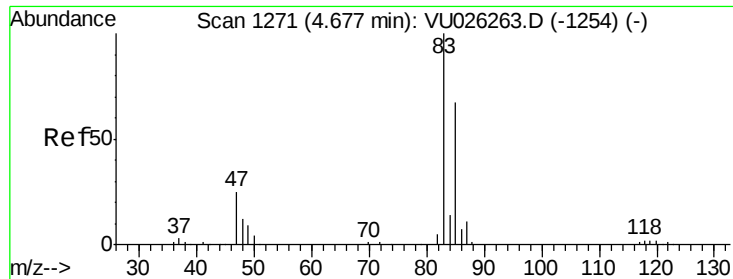
Time-->

4.10

4.20

4.30

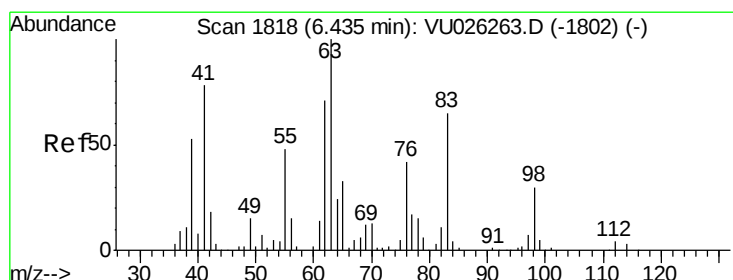
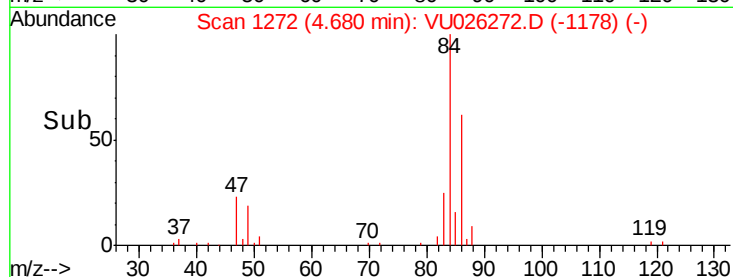
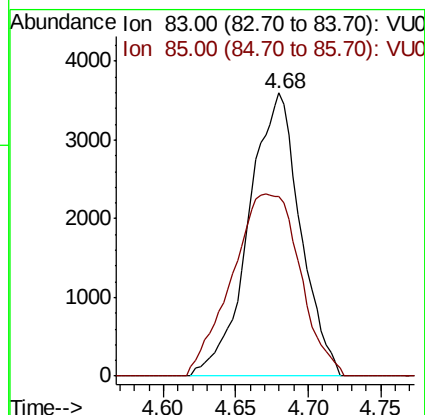
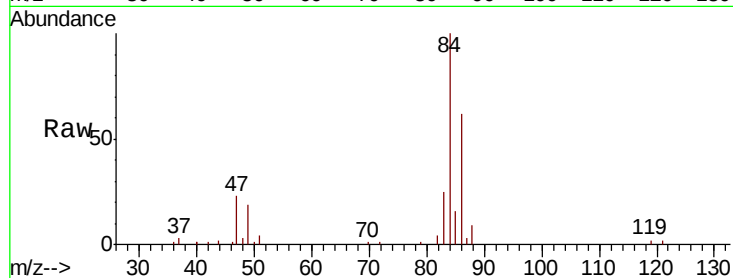




#25
Chloroform
Concen: 2.393 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 8927
Ion Ratio Lower Upper
83 100
85 63.4 45.0 83.6



#37
1,2-Dichloropropane
Concen: 6.035 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026272.D
Acq: 23 Aug 2018 00:56

Tgt Ion: 63 Resp: 12807
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#

