

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026374.D
 Acq On : 25 Aug 2018 16:25
 Operator : MD/SY
 Sample : J4644-10DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOL9DL

Quant Time: Aug 27 01:32:40 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	313959	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	312369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	97895	51.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.24%
7) Chloroethane-d5	1.68	69	78555	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.27	63	143204	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.10%
21) 2-Butanone-d5	4.18	46	144084	94.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.27%
24) Chloroform-d	4.65	84	197677	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.31	65	136011	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
32) Benzene-d6	5.35	84	397682	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
36) 1,2-Dichloropropane-d6	6.33	67	128017	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.42%
41) Toluene-d8	7.57	98	364842	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%
43) trans-1,3-Dichloropropene-	7.85	79	60311	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.31	63	107104	93.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.40%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	177341	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	154070	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

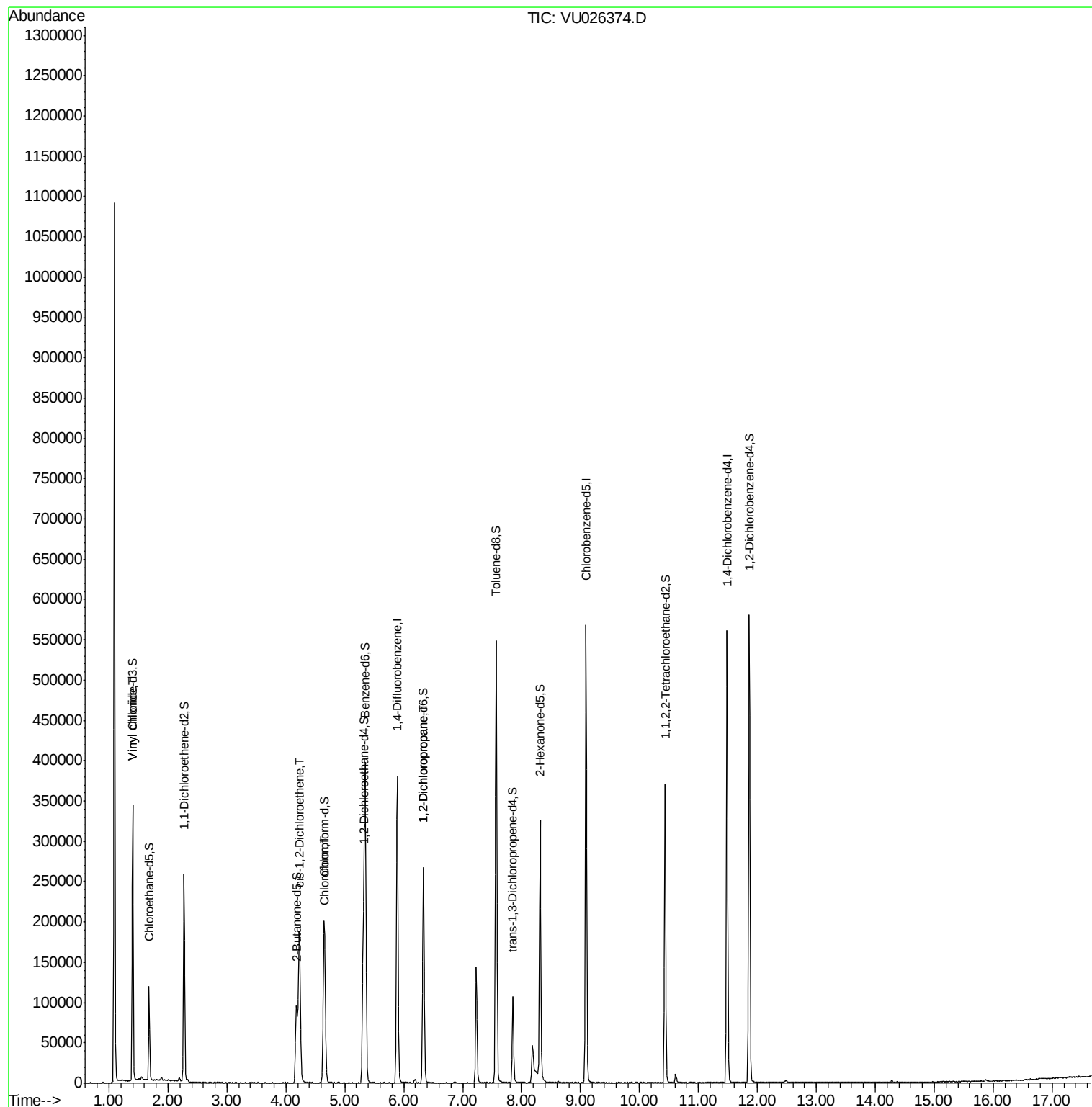
						Ovalue
5) Vinyl chloride	1.40	62	128499	56.11	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	102603	45.64	ug/L	97
25) Chloroform	4.67	83	7912	2.00	ug/L	96
37) 1,2-Dichloropropane	6.34	63	14035	6.03	ug/L #	88

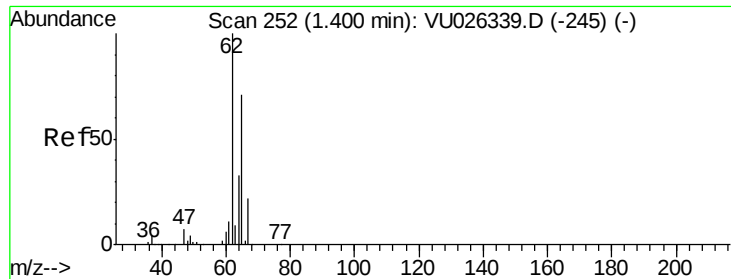
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 56.11 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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Acq: 25 Aug 2018 16:25

Instrument :

MSVOA_U

ClientSampled :

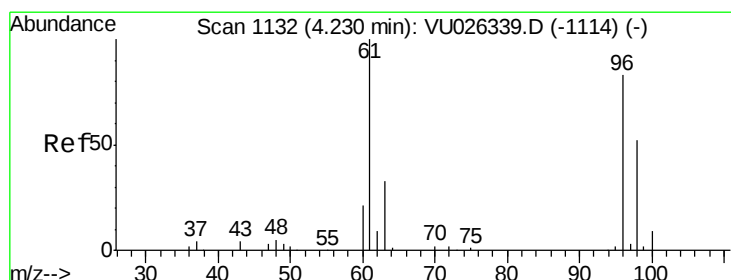
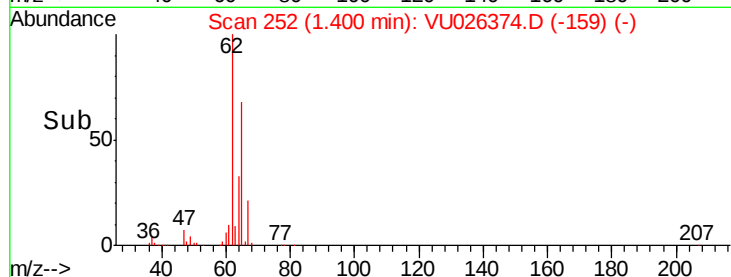
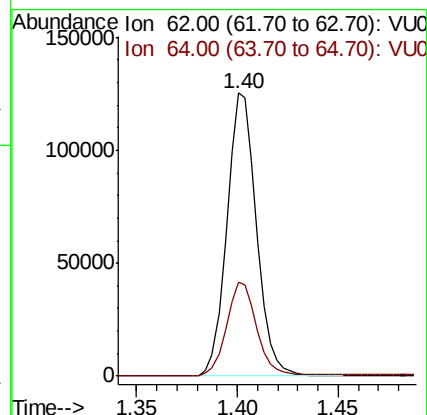
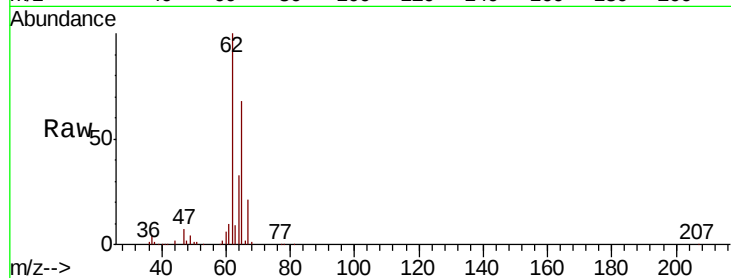
ETOL9DL

Tot Ion: 62 Resp: 128499

Ion Ratio Lower Upper

62 100

64 33.1 24.2 45.0



#20

cis-1,2-Dichloroethene

Concen: 45.64 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

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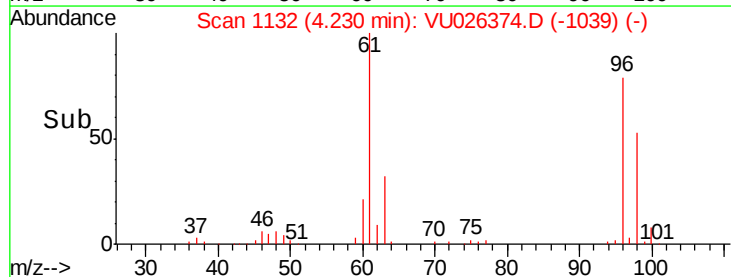
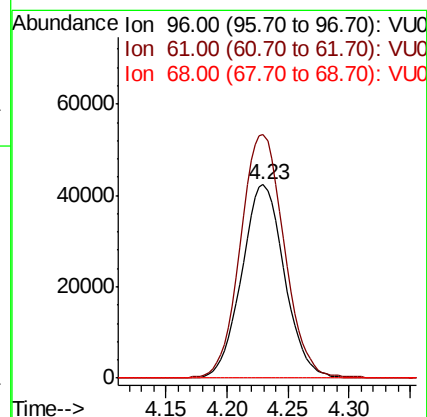
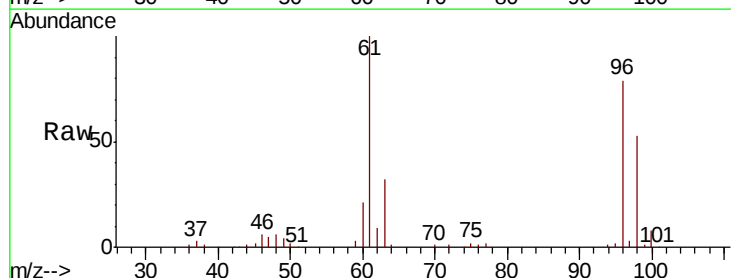
Tgt Ion: 96 Resp: 102603

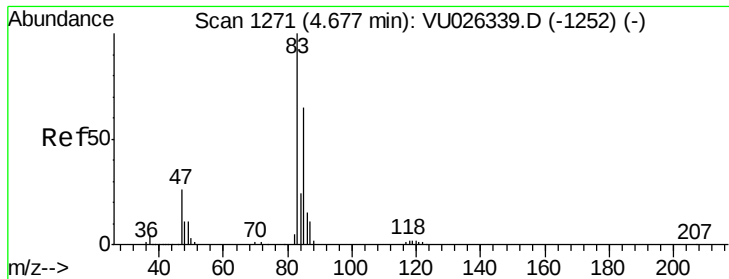
Ion Ratio Lower Upper

96 100

61 126.1 90.3 167.7

68 0.0 0.0 0.0





#25

Chloroform

Concen: 2.00 ug/L

RT: 4.67 min Scan# 1269

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

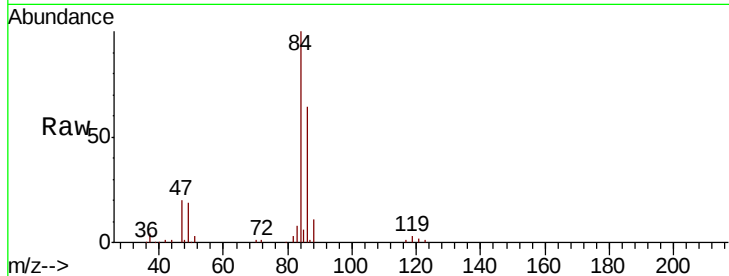
ETOL9DL

Tot Ion: 83 Resp: 7912

Ion Ratio Lower Upper

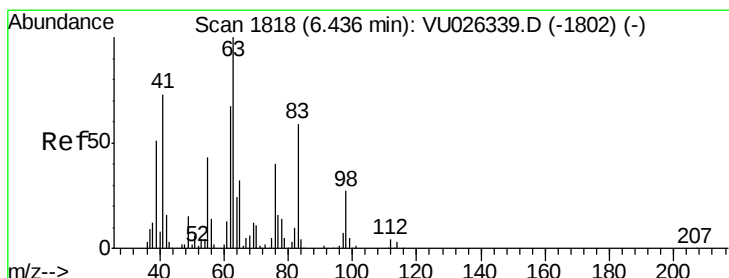
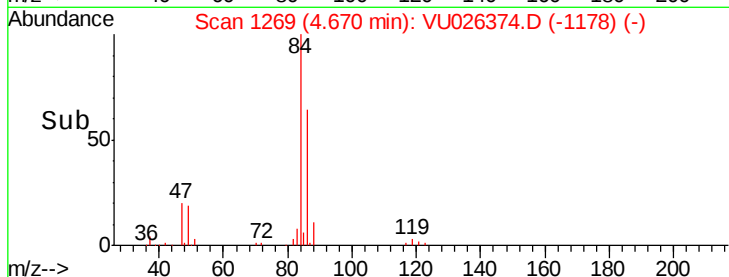
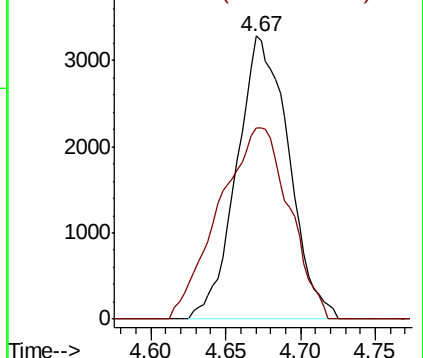
83 100

85 67.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#37

1,2-Dichloropropane

Concen: 6.03 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU026374.D

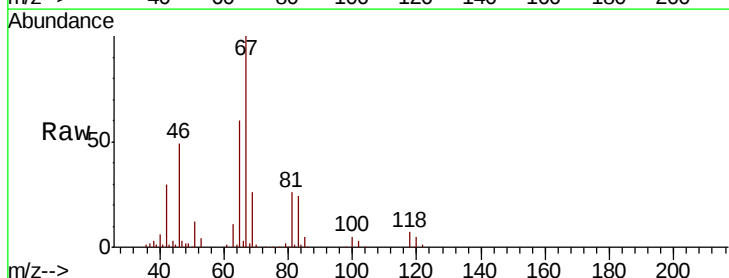
Acq: 25 Aug 2018 16:25

Tgt Ion: 63 Resp: 14035

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

