

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026352.D
 Acq On : 24 Aug 2018 22:32
 Operator : MD/SY
 Sample : J4644-20 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 04:29:23 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	288951	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68233	38.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.44%
7) Chloroethane-d5	1.68	69	62268	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.66%
11) 1,1-Dichloroethene-d2	2.27	63	111121	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.16%
21) 2-Butanone-d5	4.18	46	136731	97.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.21%
24) Chloroform-d	4.65	84	173333	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	5.31	65	116420	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
32) Benzene-d6	5.35	84	334540	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
36) 1,2-Dichloropropane-d6	6.33	67	110876	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.68%
41) Toluene-d8	7.57	98	301557	41.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.76%
43) trans-1,3-Dichloropropene-	7.85	79	52255	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.62%
47) 2-Hexanone-d5	8.31	63	93265	90.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161987	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	132041	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%

Target Compounds

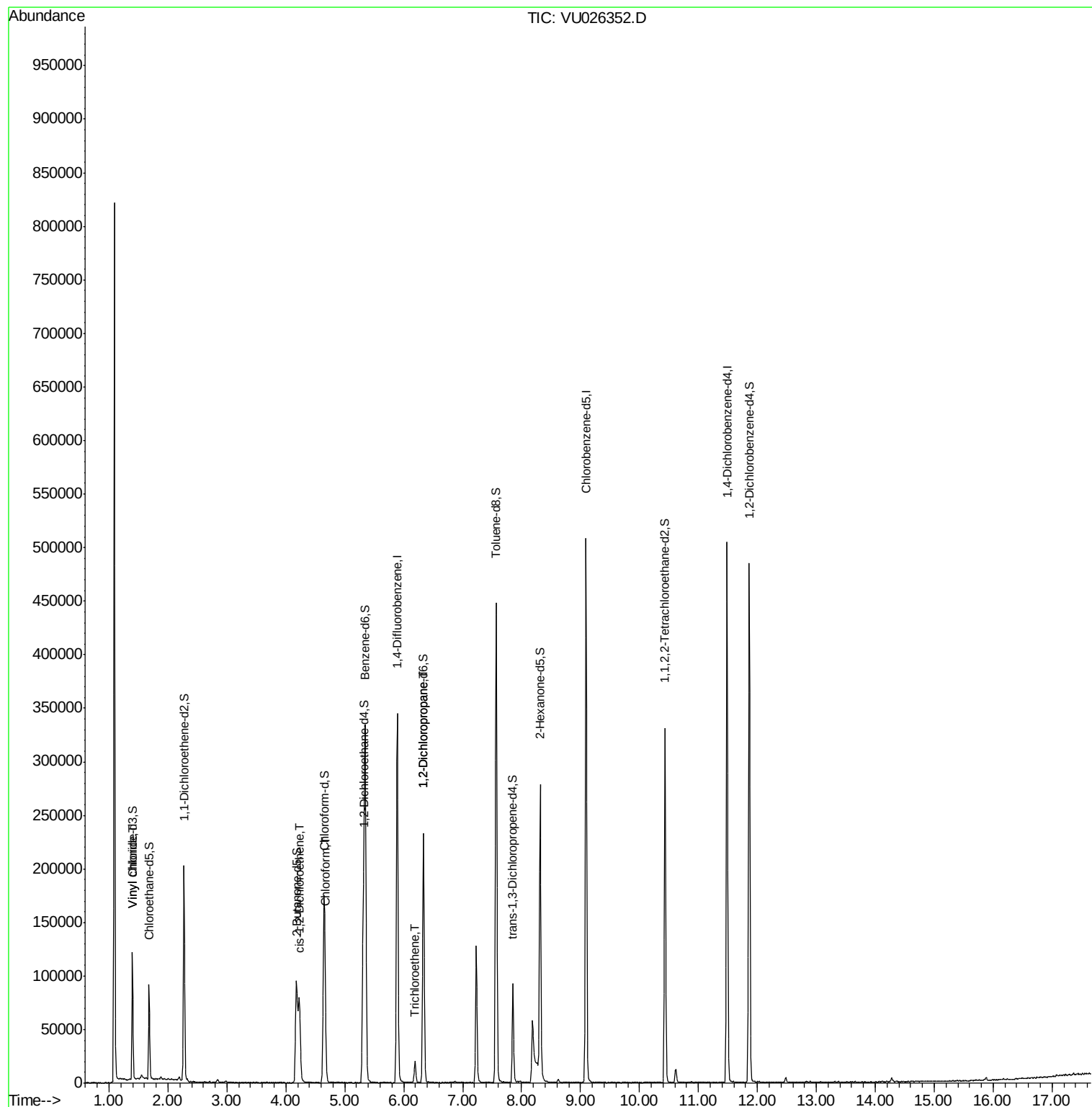
					Ovalue
5) Vinyl chloride	1.40	62	8539	4.052	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	40994	19.812	ug/L 97
25) Chloroform	4.67	83	7868	2.159	ug/L 99
34) Trichloroethene	6.19	95	6867	3.383	ug/L 93
37) 1,2-Dichloropropane	6.34	63	12515	5.965	ug/L # 88

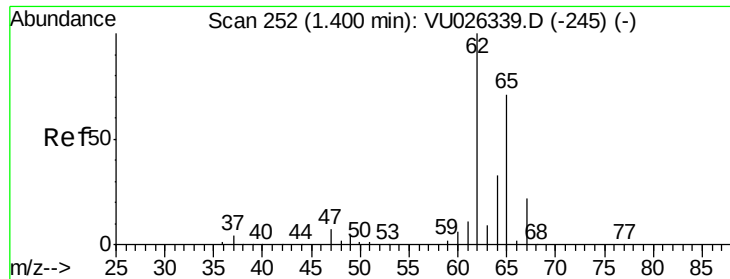
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.052 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026352.D

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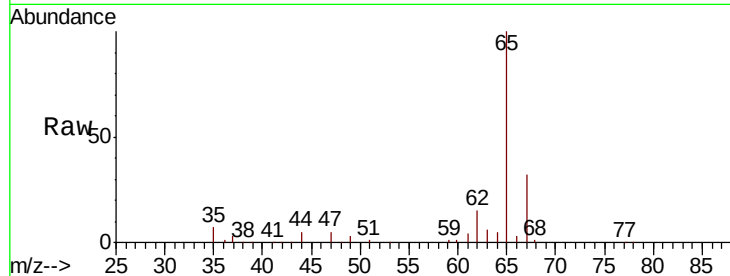
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 8539

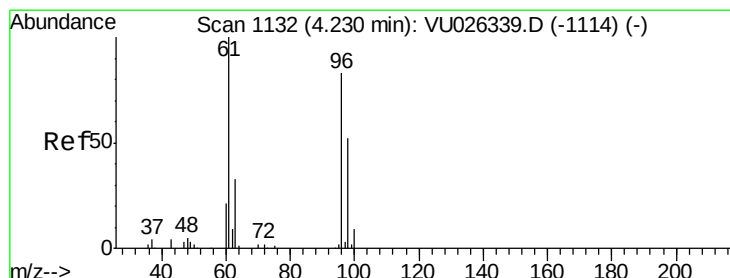
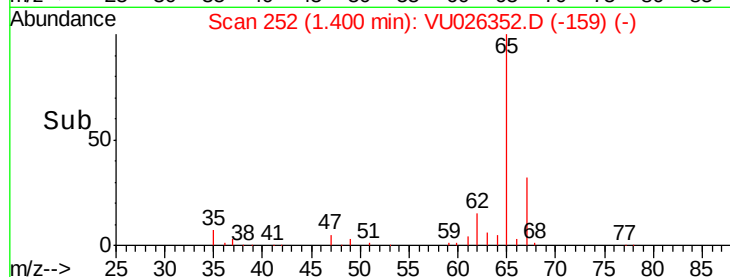
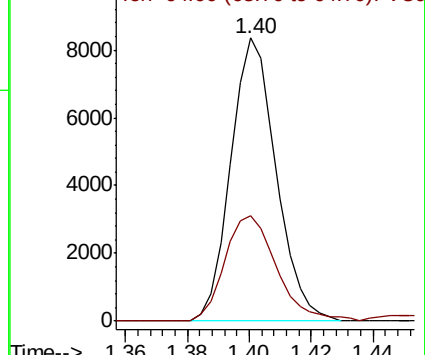
Ion Ratio Lower Upper

62 100

64 37.1 24.2 45.0



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



#20

cis-1,2-Dichloroethene

Concen: 19.812 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026352.D

Acq: 24 Aug 2018 22:32

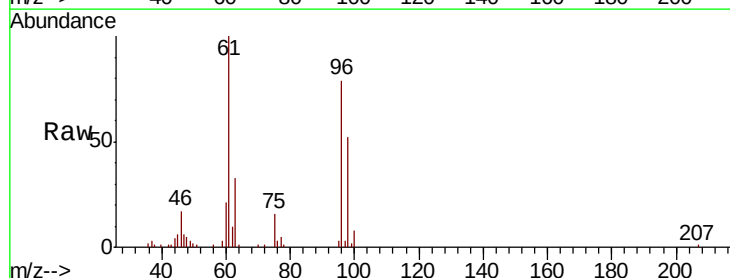
Tgt Ion: 96 Resp: 40994

Ion Ratio Lower Upper

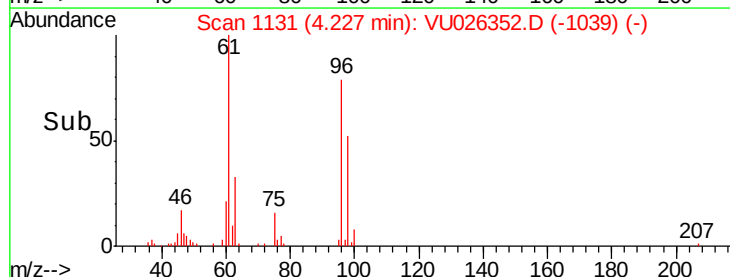
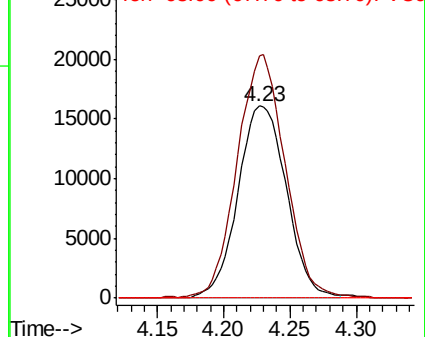
96 100

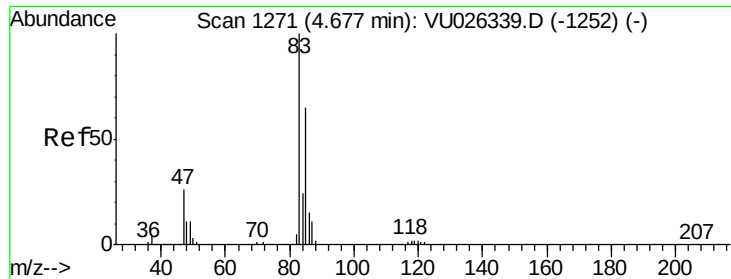
61 125.9 90.3 167.7

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: 2.159 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU026352.D

Acq: 24 Aug 2018 22:32

Instrument :

MSVOA_U

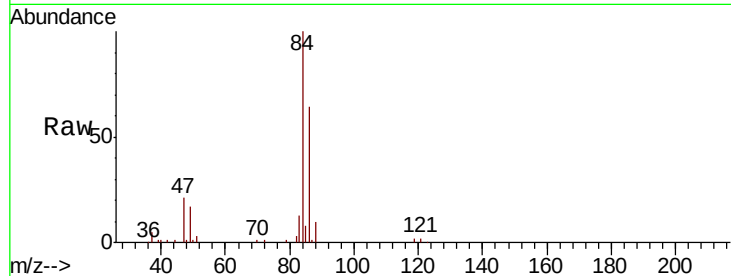
ClientSampleId :

Tot Ion: 83 Resp: 7868

Ion Ratio Lower Upper

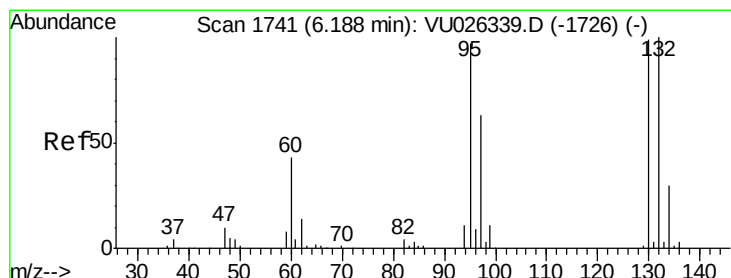
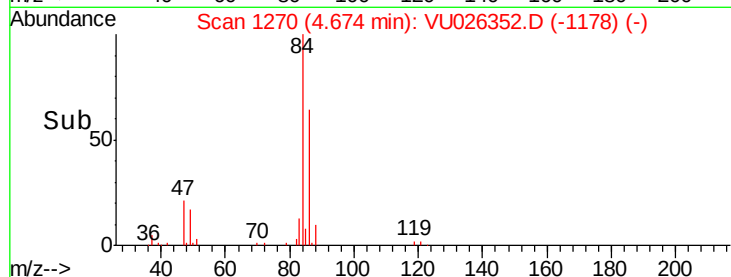
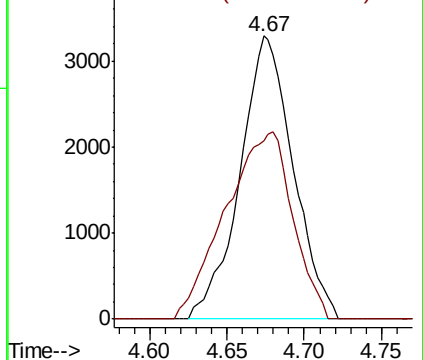
83 100

85 63.3 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: 3.383 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026352.D

Acq: 24 Aug 2018 22:32

Tgt Ion: 95 Resp: 6867

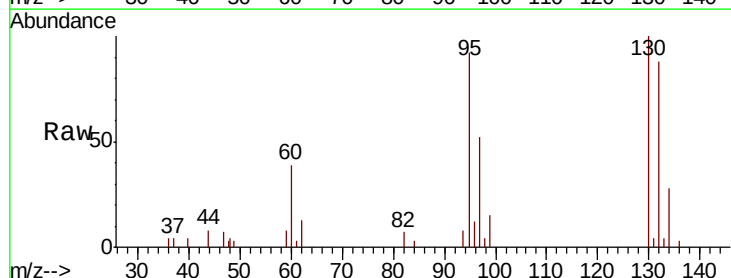
Ion Ratio Lower Upper

95 100

97 56.9 47.2 87.6

132 95.2 70.2 130.4

130 108.8 73.4 136.4

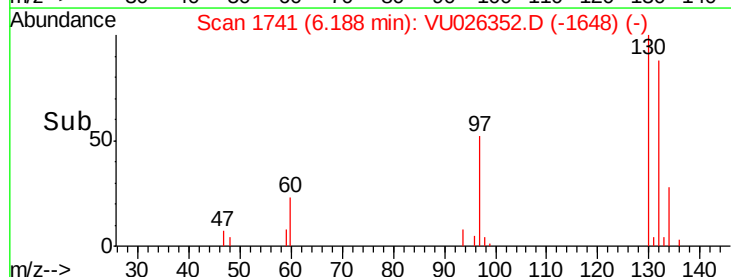
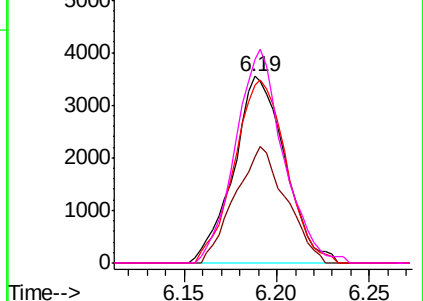


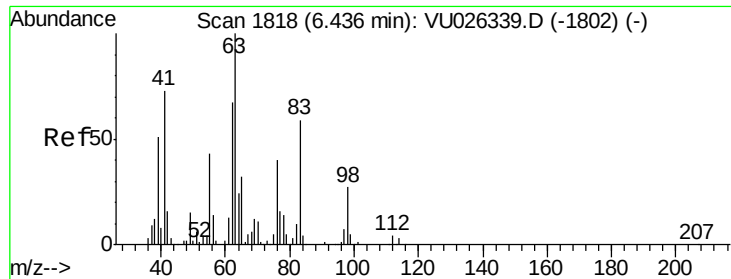
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#37
 1,2-Dichloropropane
 Concen: 5.965 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026352.D
 Acq: 24 Aug 2018 22:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 12515
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.4 5.2#

