

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028232.D
 Acq On : 17 Nov 2018 18:18
 Operator : MD/SY
 Sample : J5986-11DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ6DL

Quant Time: Nov 19 03:37:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 03:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53534	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.68	69	45119	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.28	63	78925	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.20	46	195631	52.01	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.02%
24) Chloroform-d	4.65	84	96760	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	57141	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.34	84	199072	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.33	67	73142	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.57	98	169422	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	22267	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.31	63	141974	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52699	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	57719	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

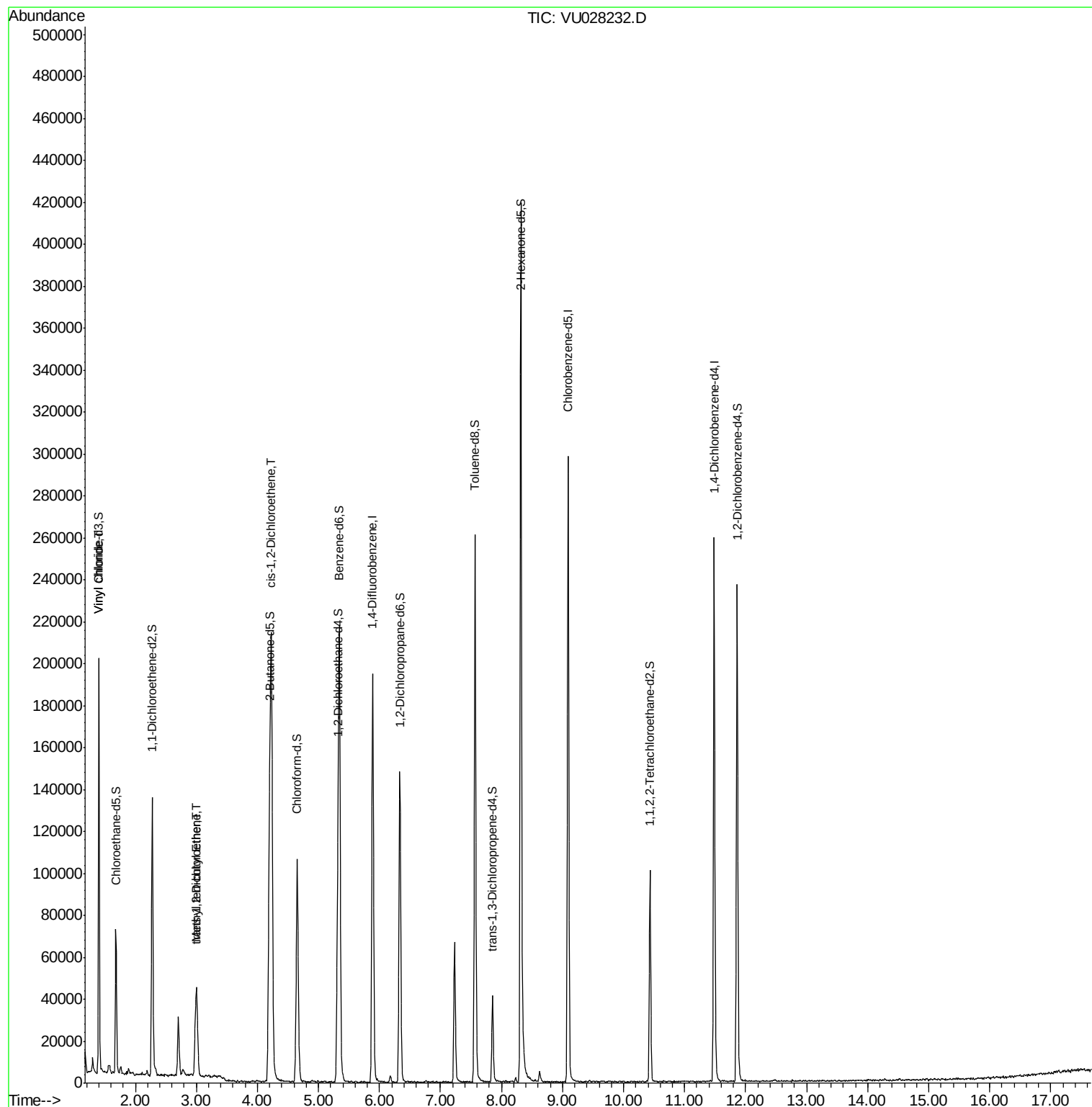
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	76268	5.03	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	33859	1.23	ug/L	93
18) trans-1,2-Dichloroethene	2.99	96	7466	0.76	ug/L	89
22) cis-1,2-Dichloroethene	4.23	96	92696	8.01	ug/L	99

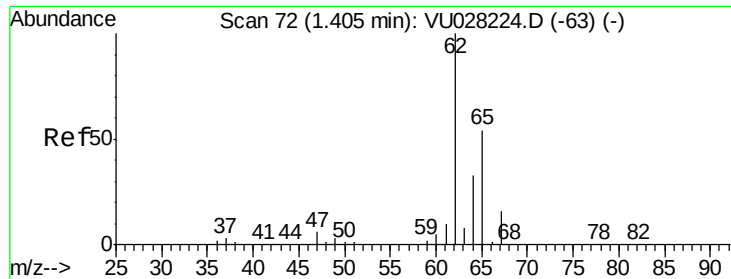
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.03 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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Acq: 17 Nov 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

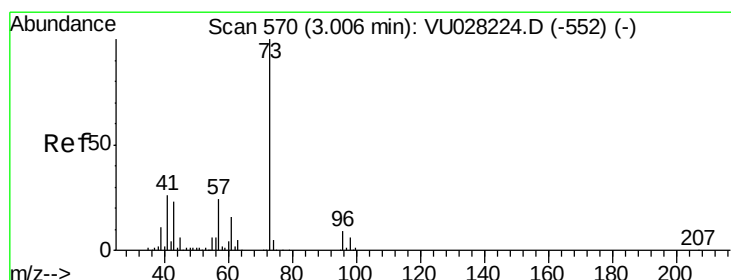
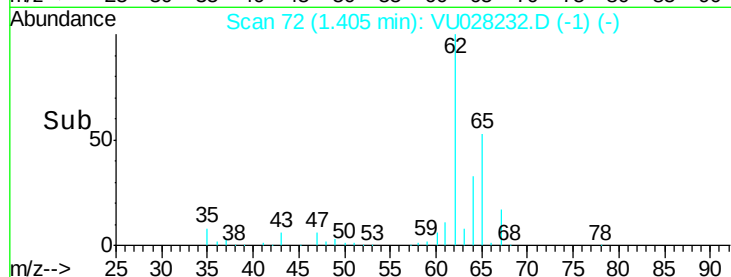
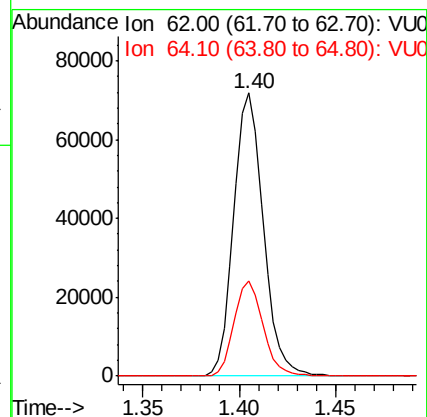
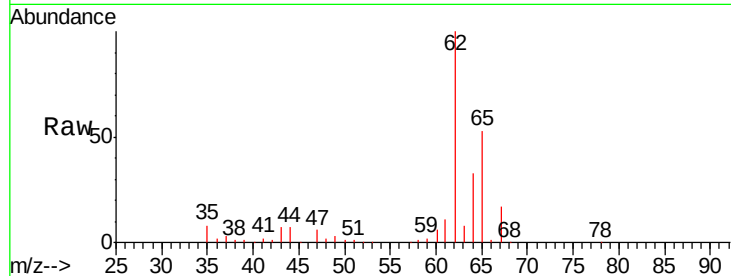
H0FJ6DL

Tgt Ion: 62 Resp: 76268

Ion Ratio Lower Upper

62 100

64 33.5 21.7 40.3



#17

Methyl tert-butyl Ether

Concen: 1.23 ug/L

RT: 3.01 min Scan# 571

Delta R.T. -0.00 min

Lab File: VU028232.D

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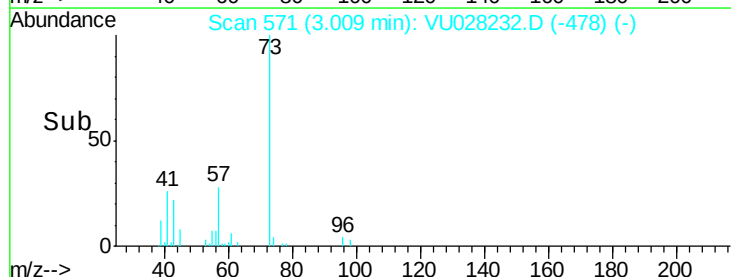
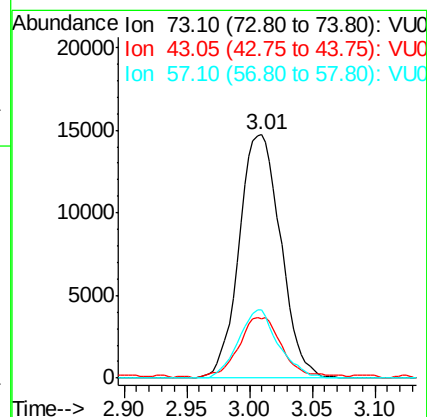
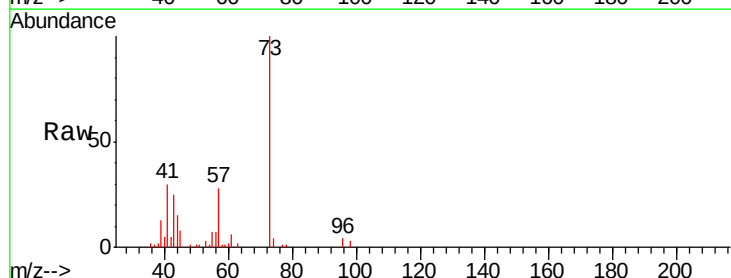
Tgt Ion: 73 Resp: 33859

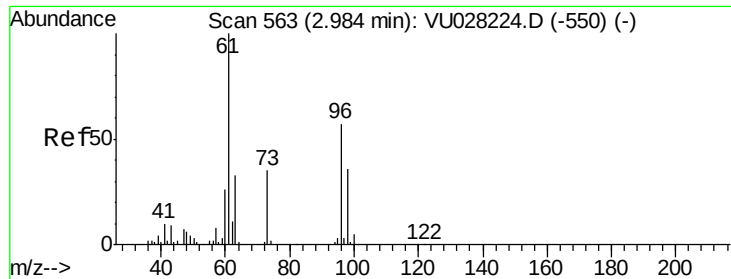
Ion Ratio Lower Upper

73 100

43 26.9 18.8 28.2

57 27.0 19.2 28.8





#18

trans-1,2-Dichloroethene

Concen: 0.76 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU028232.D

Acq: 17 Nov 2018 18:18

Instrument :

MSVOA_U

ClientSampleId :

H0FJ6DL

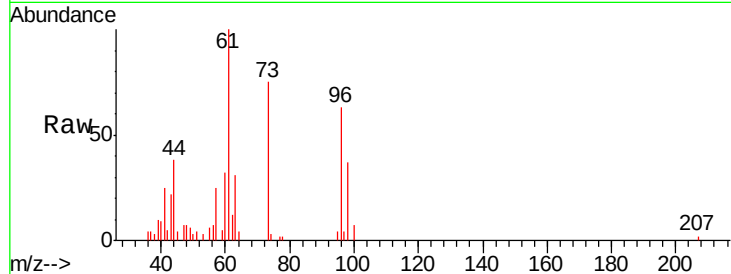
Tgt Ion: 96 Resp: 7466

Ion Ratio Lower Upper

96 100

61 157.5 122.2 227.0

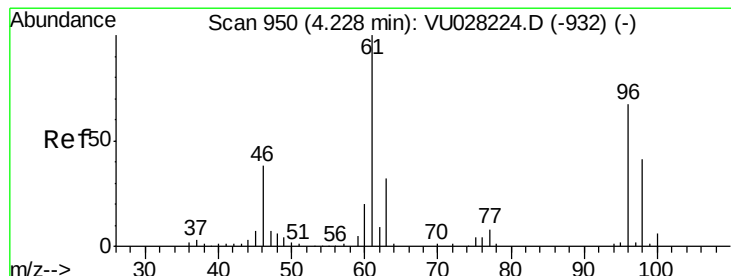
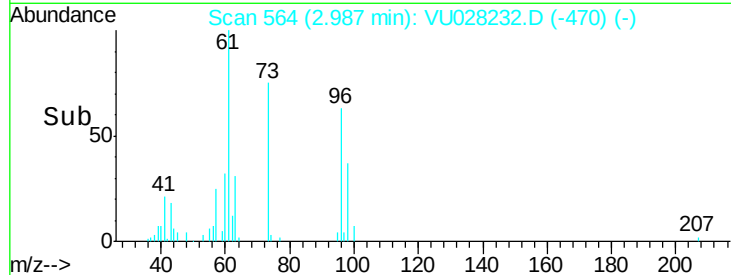
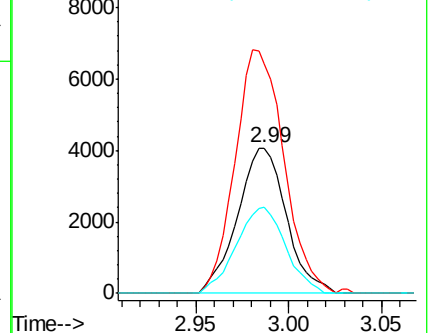
98 58.9 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 8.01 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU028232.D

Acq: 17 Nov 2018 18:18

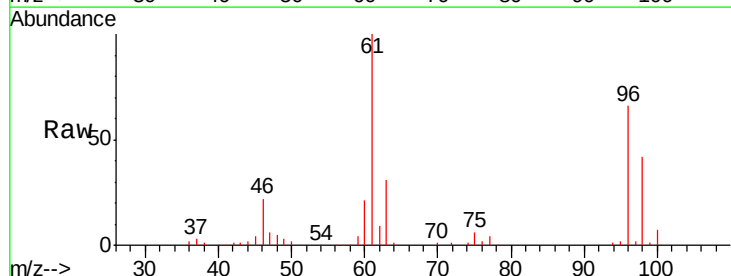
Tgt Ion: 96 Resp: 92696

Ion Ratio Lower Upper

96 100

61 152.6 108.0 200.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

