

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028149.D
 Acq On : 15 Nov 2018 03:17
 Operator : MD/SY
 Sample : J5943-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FK9

Quant Time: Nov 15 07:55:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	132505	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56069	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49204	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.68	69	39905	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.28	63	71297	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.19	46	177256	55.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	4.65	84	86254	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	49913	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.34	84	180111	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.33	67	64547	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.57	98	155403	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	19472	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.31	63	139157	52.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46211	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	54969	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

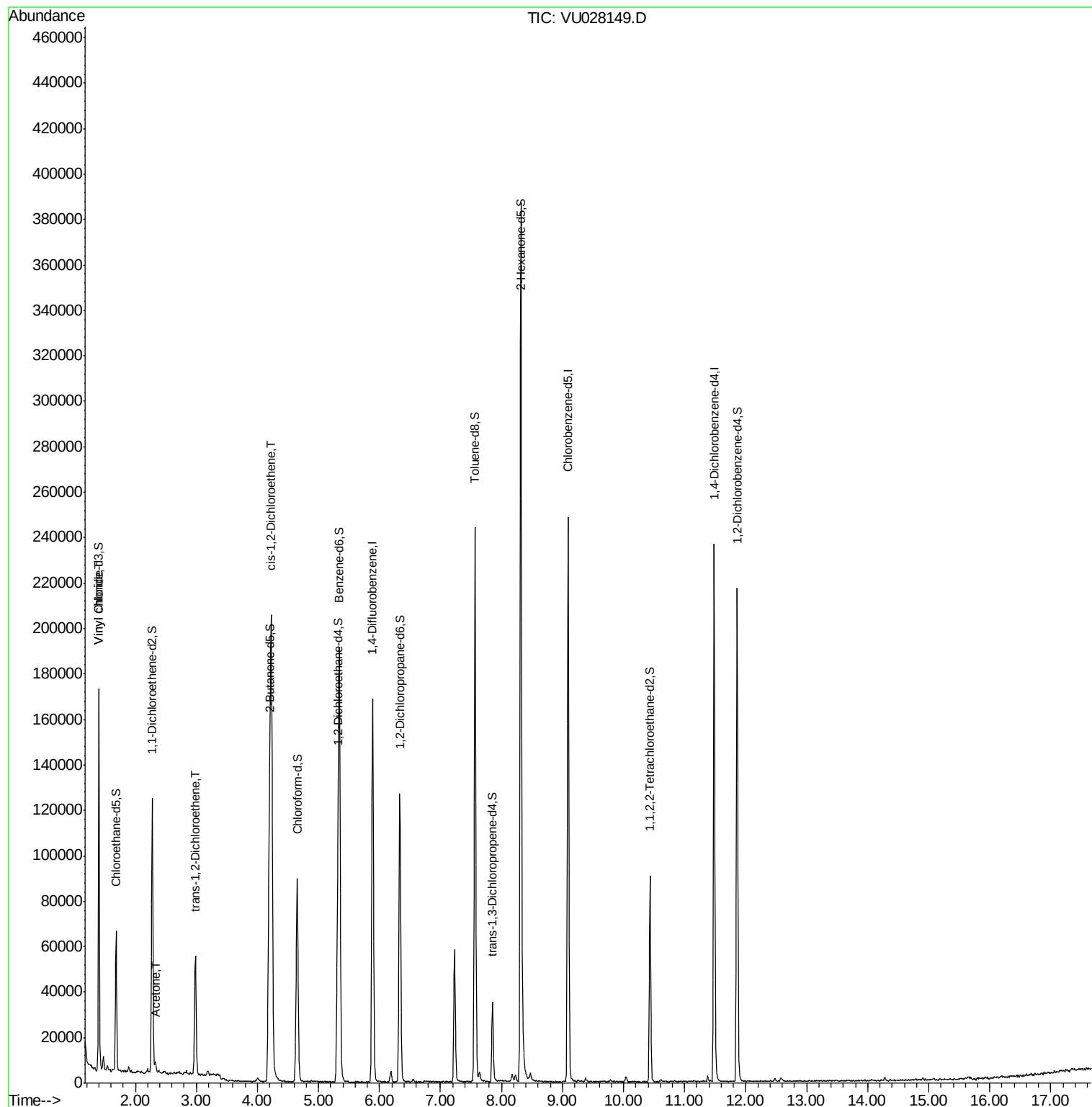
					Ovalue
5) Vinyl chloride	1.41	62	65560	4.619 ug/L	99
13) Acetone	2.32	43	4751	2.212 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	17915	1.913 ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	95777	9.274 ug/L	98

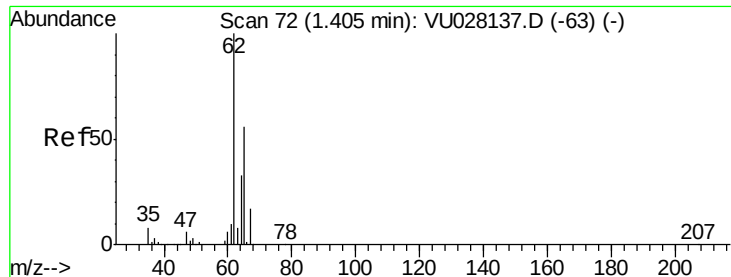
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.619 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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Acq: 15 Nov 2018 03:17

Instrument :

MSVOA_U

ClientSampleId :

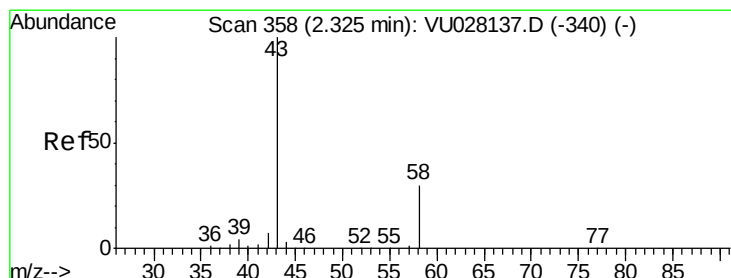
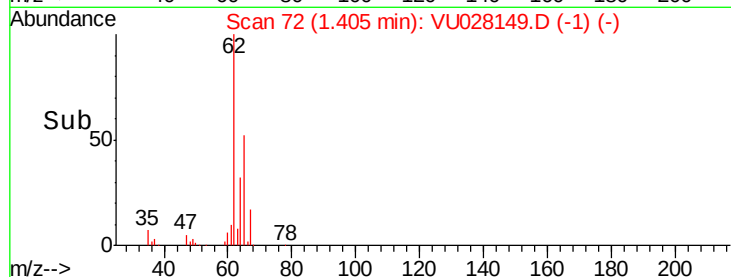
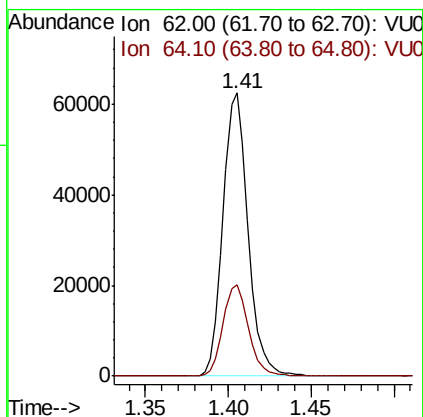
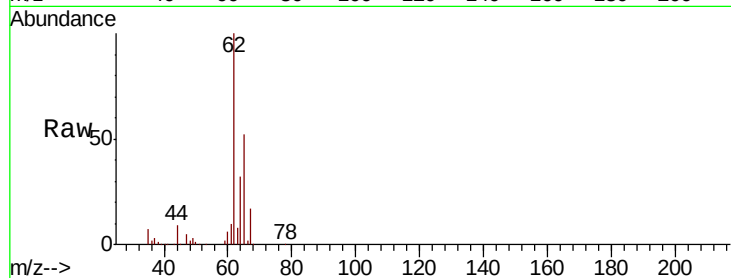
H0FK9

Tot Ion: 62 Resp: 65560

Ion Ratio Lower Upper

62 100

64 32.2 22.7 42.3



#13

Acetone

Concen: 2.212 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028149.D

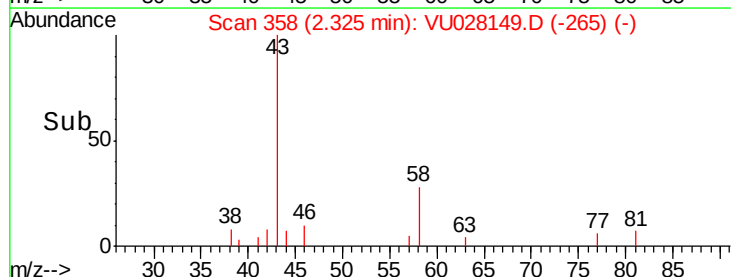
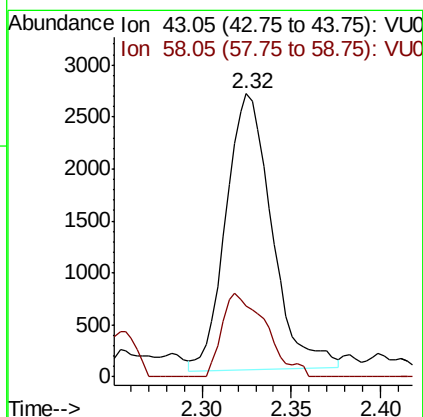
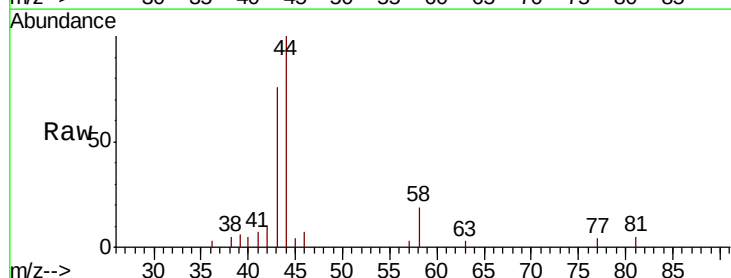
Acq: 15 Nov 2018 03:17

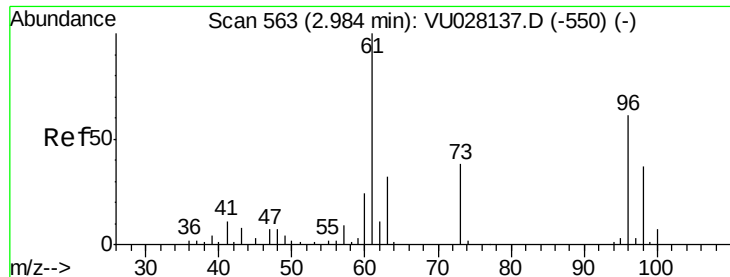
Tgt Ion: 43 Resp: 4751

Ion Ratio Lower Upper

43 100

58 29.2 0.0 61.6





#18

trans-1,2-Dichloroethene

Concen: 1.913 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028149.D

Acq: 15 Nov 2018 03:17

Instrument :

MSVOA_U

ClientSampleId :

H0FK9

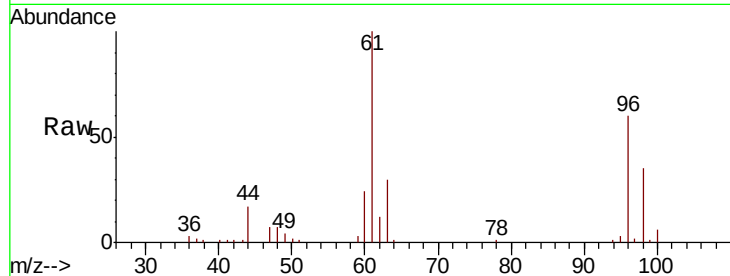
Tot Ion: 96 Resp: 17915

Ion Ratio Lower Upper

96 100

61 166.6 118.5 220.1

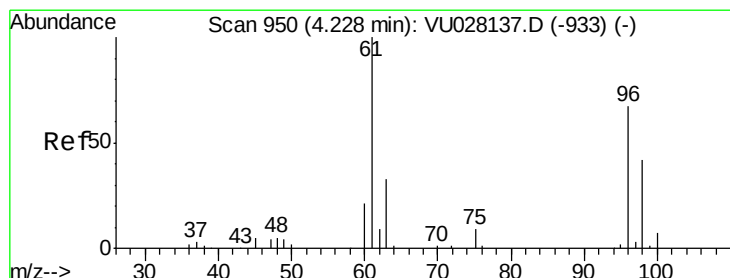
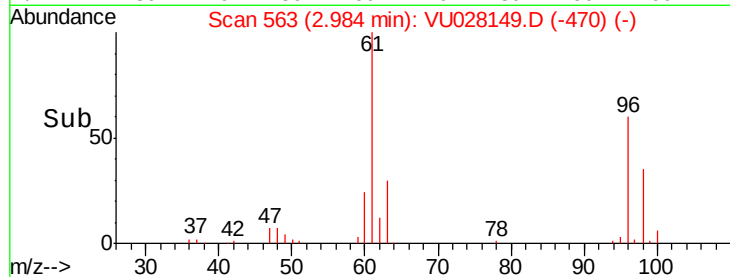
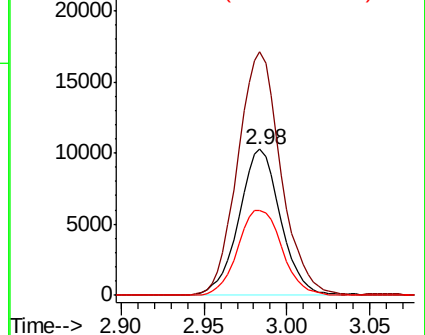
98 58.4 44.9 83.5



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: 9.274 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

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Acq: 15 Nov 2018 03:17

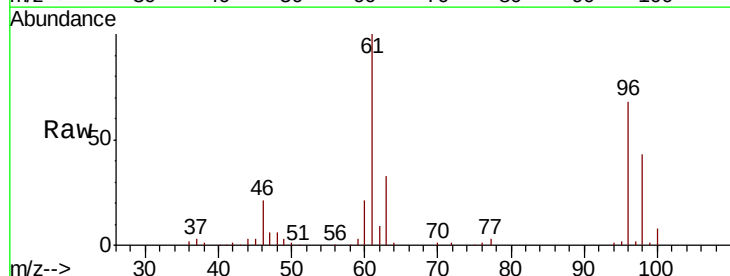
Tgt Ion: 96 Resp: 95777

Ion Ratio Lower Upper

96 100

61 148.1 101.8 189.0

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

