

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111918\
 Data File : VU028251.D
 Acq On : 19 Nov 2018 13:40
 Operator : MD/SY
 Sample : J5986-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FK8

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 2:55:33 PM

Quant Time: Nov 20 07:44:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 07:07:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126196	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	121051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52171	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42840	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.68	69	38465	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.28	63	65200	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.22	46	130536m	41.08	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.16%
24) Chloroform-d	4.65	84	79107	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	44566	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.34	84	159888	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	57901	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.57	98	138209	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	15007	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.32	63	75926	31.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41183	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	46339	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	58657	4.580	ug/L 95
17) Methyl tert-butyl Ether	3.01	73	29157	1.249	ug/L # 88
18) trans-1,2-Dichloroethene	2.98	96	83583	10.100	ug/L 98
19) 1,1-Dichloroethane	3.45	63	29420	1.533	ug/L 96
22) cis-1,2-Dichloroethene	4.23	96	21363	2.184	ug/L 98
33) Benzene	5.39	78	21643	0.542	ug/L 100

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

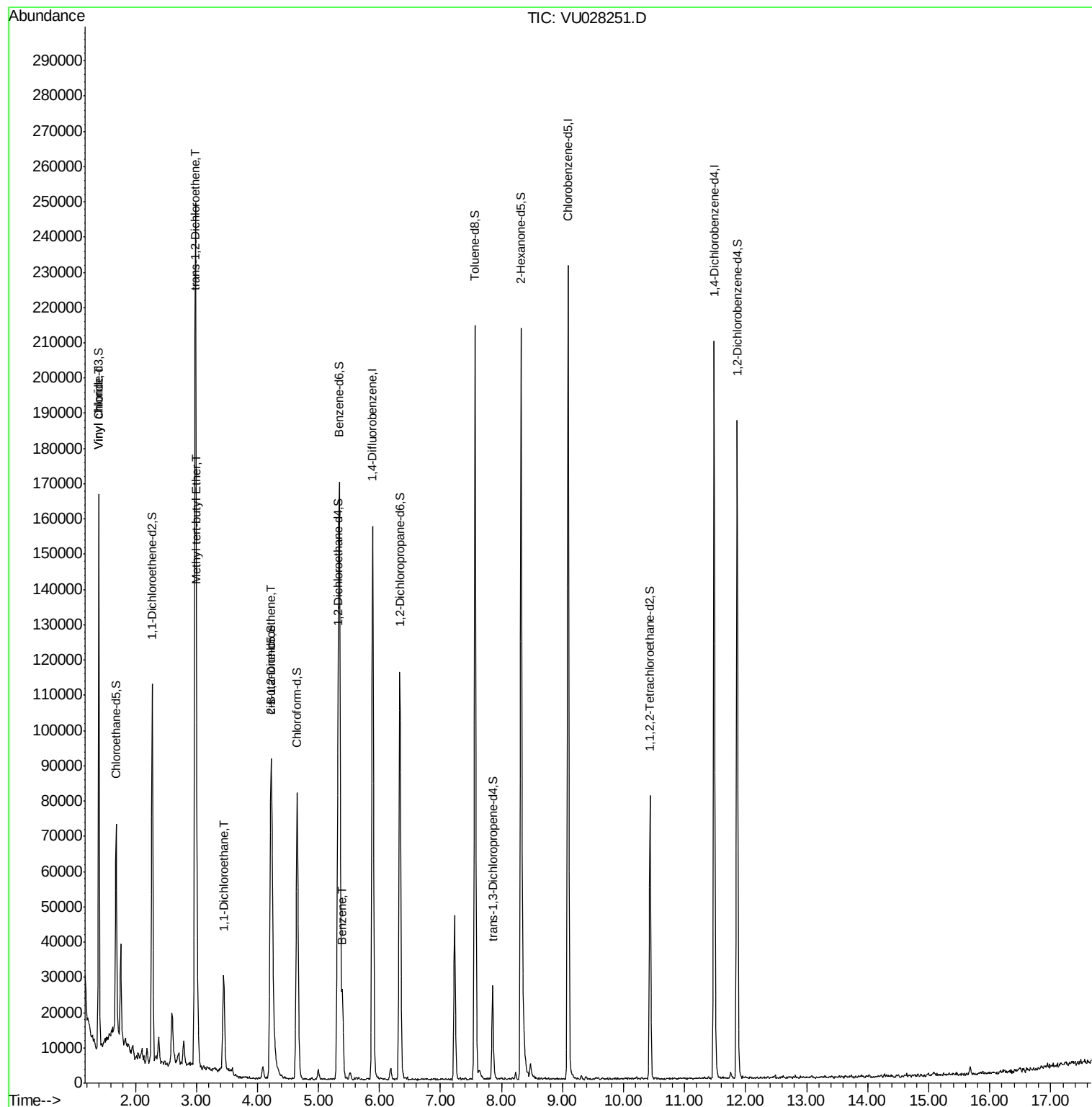
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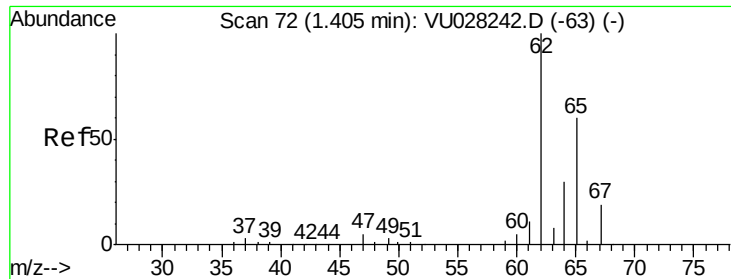
Instrument :
MSVOA_U
ClientSampleId :
H0FK8

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11/21/2018 2:55:33 PM

Quant Time: Nov 20 07:44:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.580 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028251.D

Acq: 19 Nov 2018 13:40

Instrument :

MSVOA_U

ClientSampled :

H0FK8

Tot Ion: 62 Resp: 58657

Ion Ratio Lower Upper

62 100

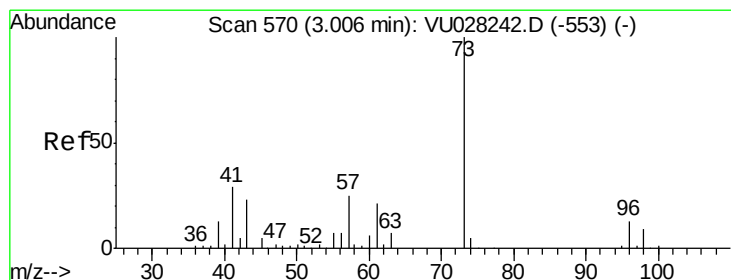
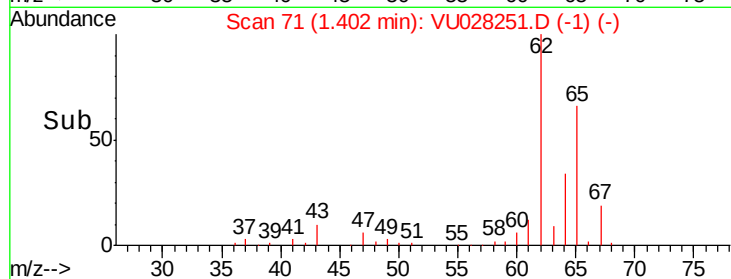
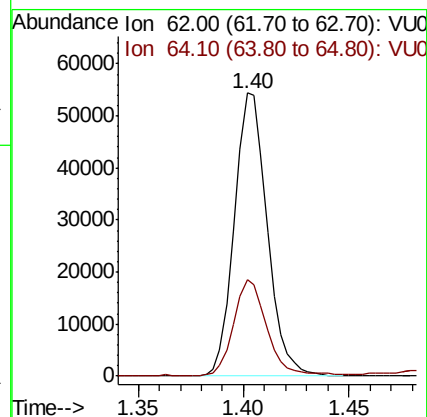
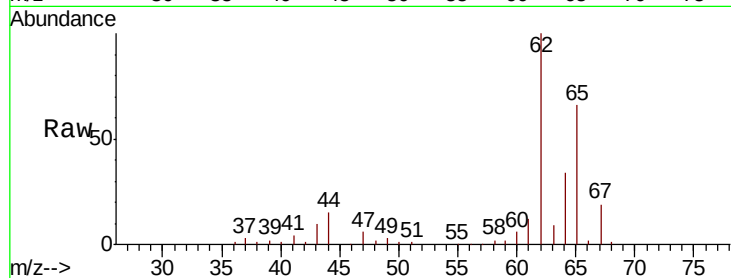
64 33.9 21.7 40.3

Manual Integrations

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#17

Methyl tert-butyl Ether

Concen: 1.249 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028251.D

Acq: 19 Nov 2018 13:40

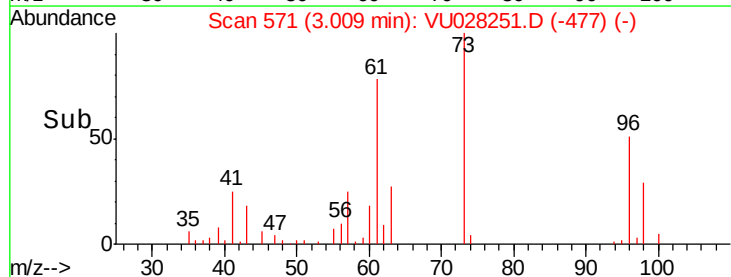
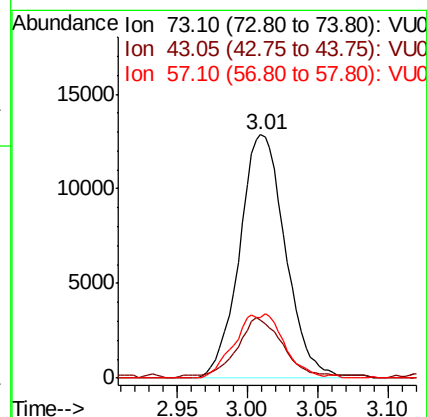
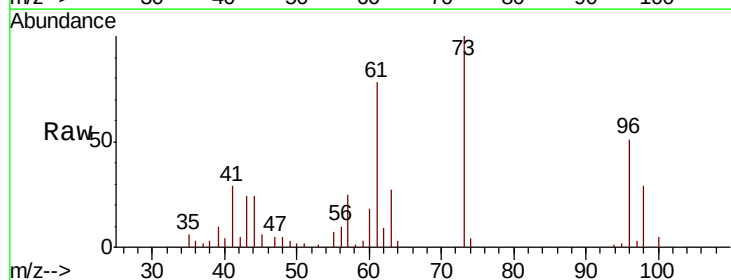
Tgt Ion: 73 Resp: 29157

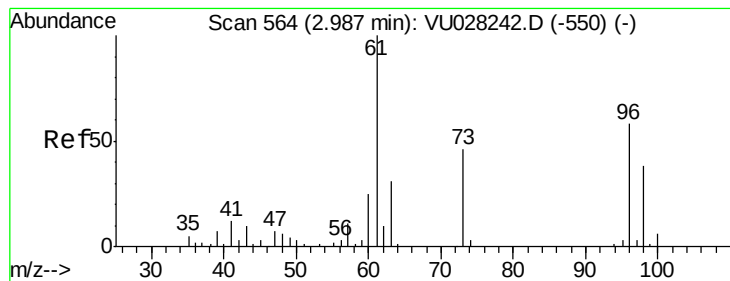
Ion Ratio Lower Upper

73 100

43 25.4 18.8 28.2

57 13.7 19.2 28.8#





#18

trans-1,2-Dichloroethene

Concen: 10.100 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028251.D

Acq: 19 Nov 2018 13:40

Instrument :

MSVOA_U

ClientSampled :

H0FK8

Tot Ion: 96 Resp: 83583

Ion Ratio Lower Upper

96 100

61 171.0 122.2 227.0

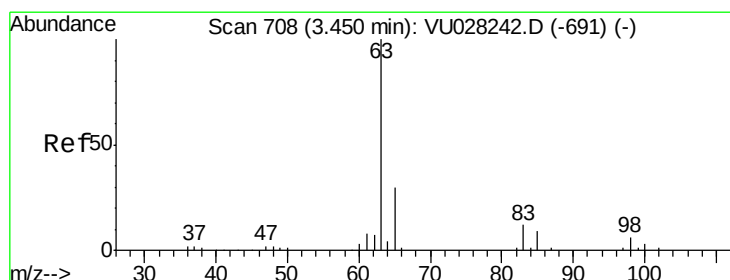
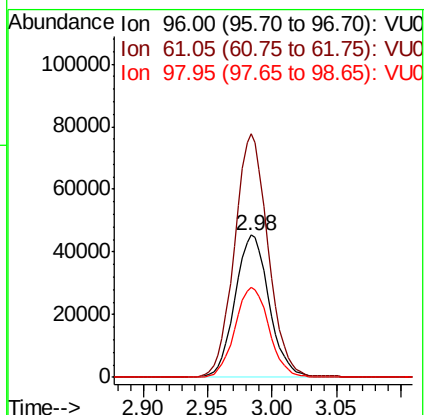
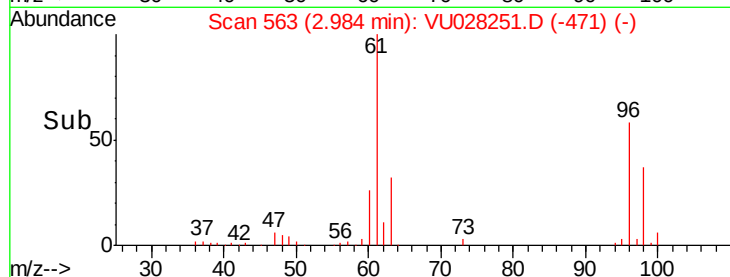
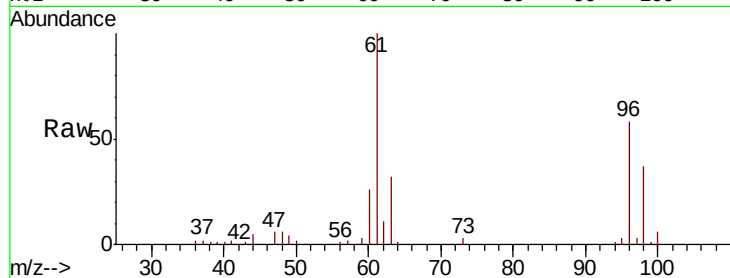
98 63.5 44.9 83.5

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 1.533 ug/L

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU028251.D

Acq: 19 Nov 2018 13:40

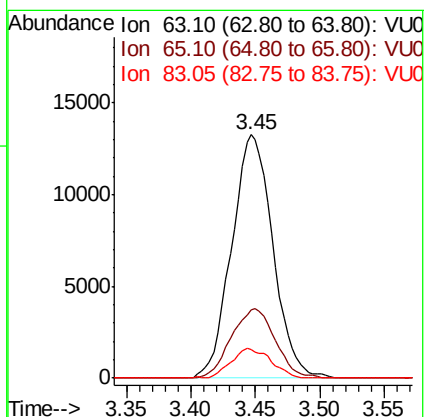
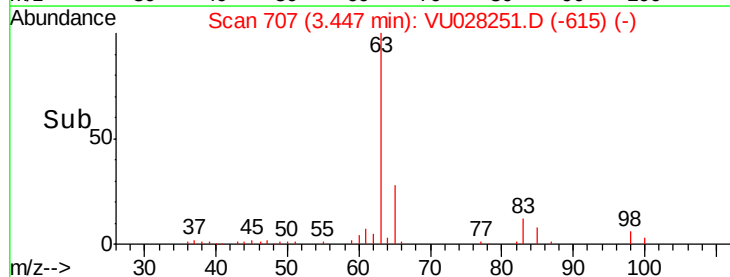
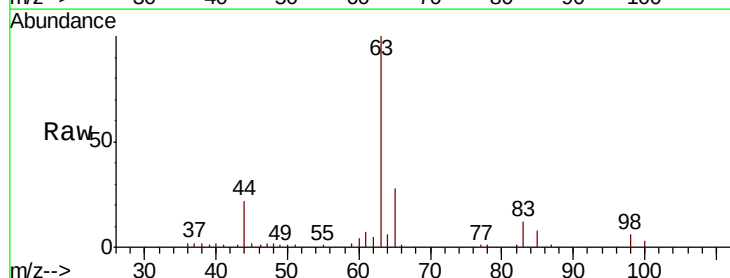
Tgt Ion: 63 Resp: 29420

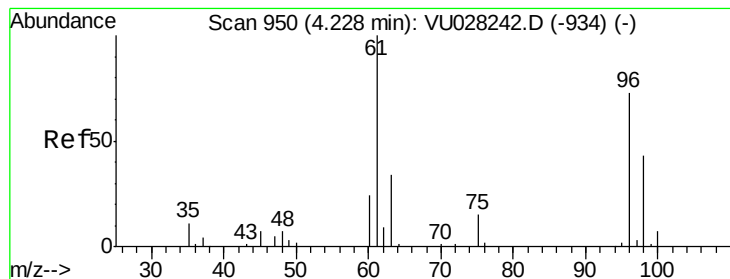
Ion Ratio Lower Upper

63 100

65 27.9 21.2 39.4

83 11.6 8.8 16.4





#22

cis-1,2-Dichloroethene

Concen: 2.184 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028251.D

Acq: 19 Nov 2018 13:40

Instrument :

MSVOA_U

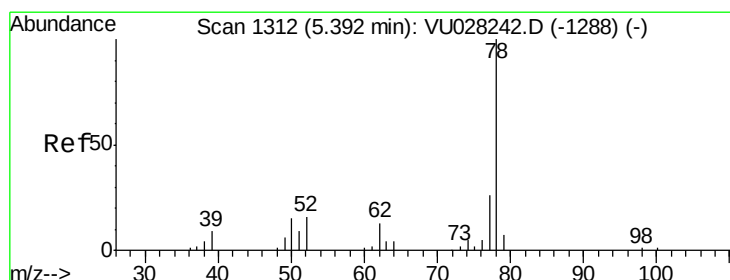
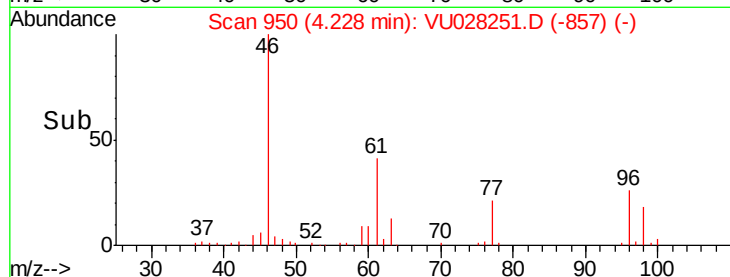
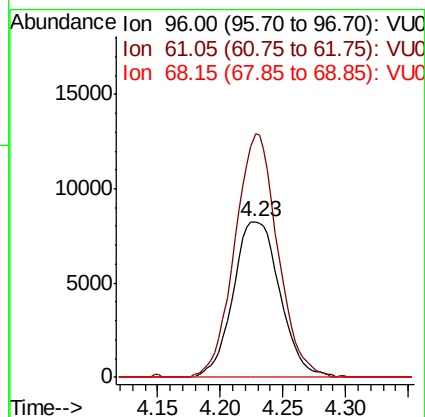
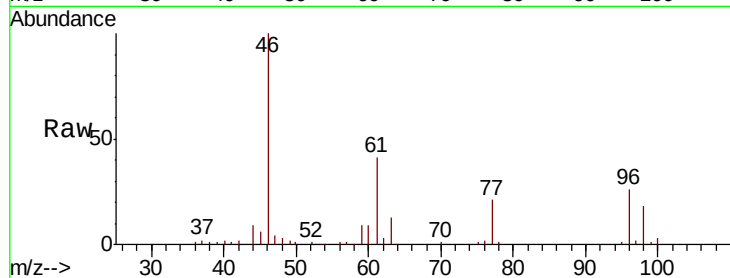
ClientSampleId :

H0FK8

Tot Ion:	96	Resp:	21363
Ion	Ratio	Lower	Upper
96	100		
61	156.3	108.0	200.6
68	0.0	0.0	0.0

Manual Integrations
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#33

Benzene

Concen: 0.542 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU028251.D

Acq: 19 Nov 2018 13:40

Tgt Ion: 78 Resp: 21643

