

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111918\
 Data File : VU028249.D
 Acq On : 19 Nov 2018 12:53
 Operator : MD/SY
 Sample : J5986-08RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ2RE

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 2:55:35 PM

Quant Time: Nov 20 07:35:12 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	126028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53506	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41242	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	36887	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.28	63	61878	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.21	46	144862	45.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.30%
24) Chloroform-d	4.65	84	77004	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.31	65	42812	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.34	84	155070	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.33	67	56941	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.57	98	134005	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	17509	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.31	63	99884	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43472	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	46685	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	4214	0.329 ug/L	# 1
17) Methyl tert-butyl Ether	3.01	73	28168	1.209 ug/L	98
18) trans-1,2-Dichloroethene	2.99	96	1579m	0.191 ug/L	
22) cis-1,2-Dichloroethene	4.23	96	61744	6.320 ug/L	88
33) Benzene	5.39	78	6240	0.157 ug/L	100
34) Trichloroethene	6.19	95	5032	0.518 ug/L	96

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

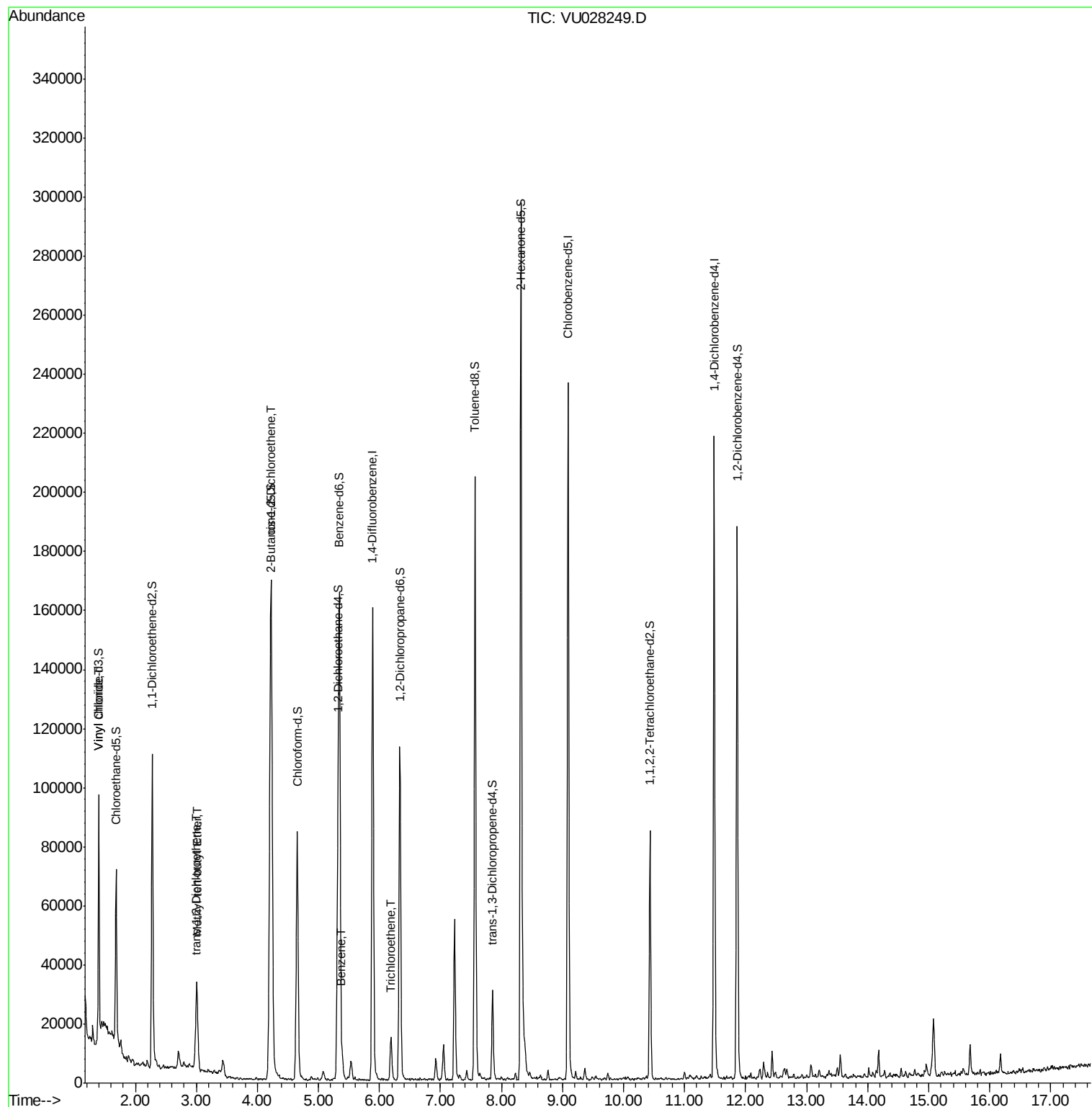
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111918\
Data File : VU028249.D
Acq On : 19 Nov 2018 12:53
Operator : MD/SY
Sample : J5986-08RE
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

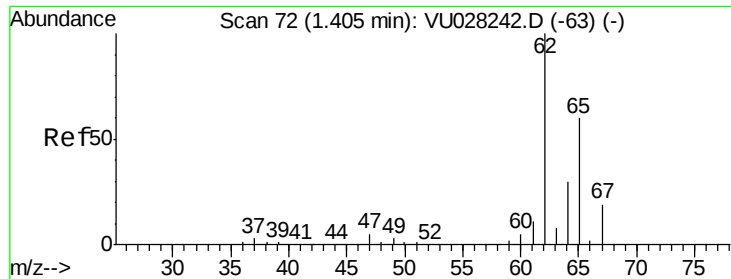
Instrument :
MSVOA_U
ClientSampleId :
H0FJ2RE

Manual Integrations
APPROVED

MMDadoda
11/21/2018 2:55:35 PM

Quant Time: Nov 20 07:35:12 2018
Quant Method : Z:\V0ASRV\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: 0.329 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

H0FJ2RE

Tot Ion: 62 Resp: 4214

Ion Ratio Lower Upper

62 100

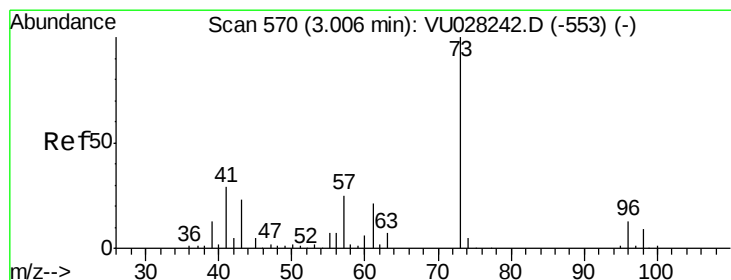
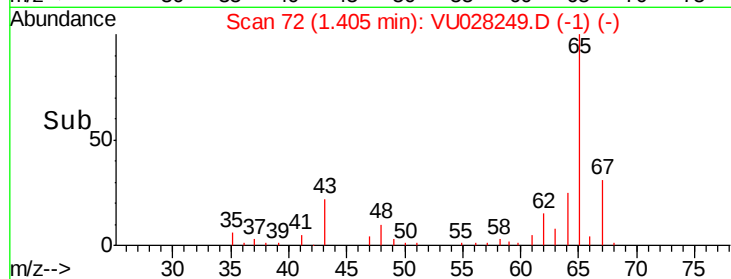
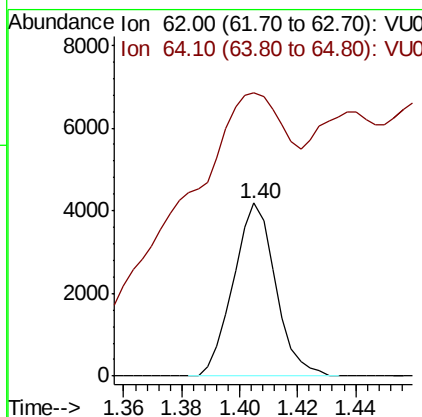
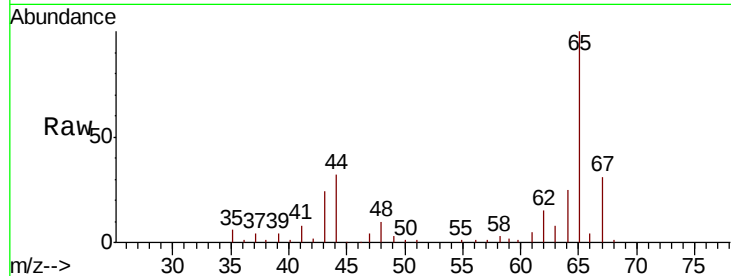
64 163.5 21.7 40.3#

Manual Integrations

APPROVED

MMDadoda

11/21/2018 2:55:35 PM



#17

Methyl tert-butyl Ether

Concen: 1.209 ug/L

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

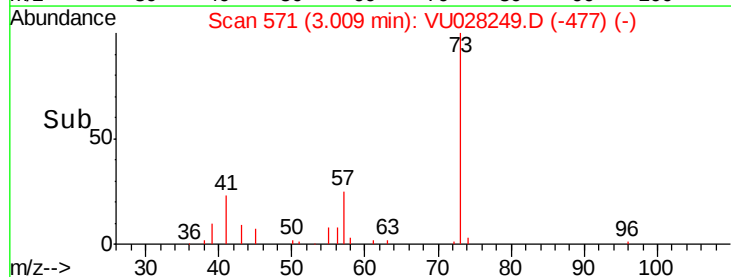
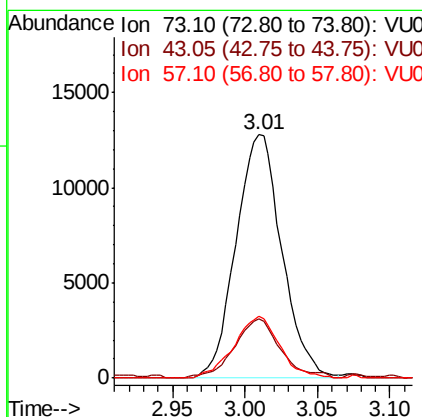
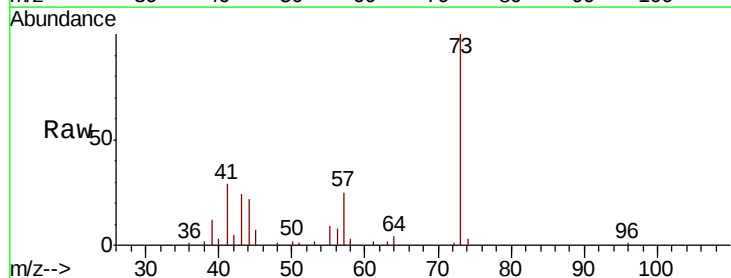
Tgt Ion: 73 Resp: 28168

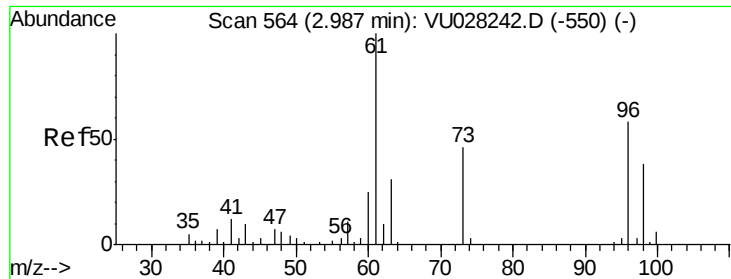
Ion Ratio Lower Upper

73 100

43 24.4 18.8 28.2

57 25.3 19.2 28.8





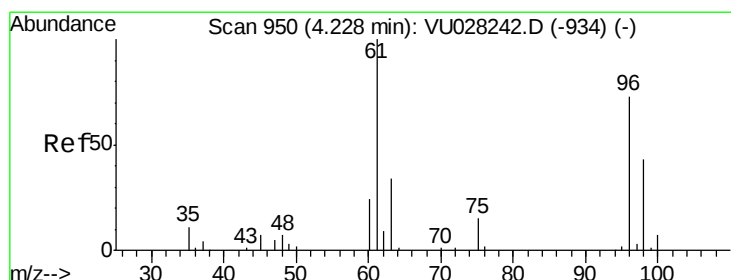
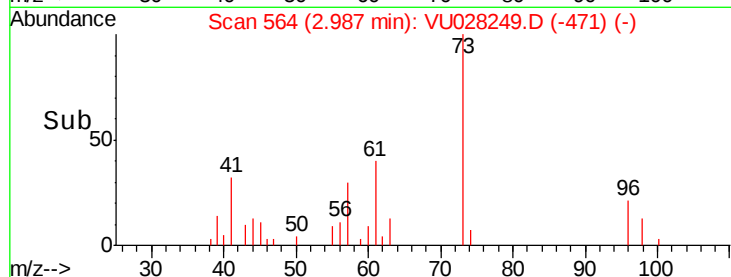
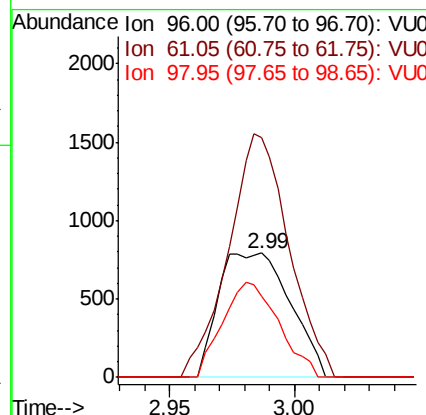
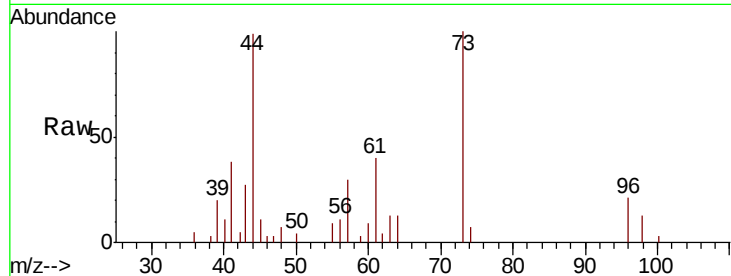
#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L m
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU028249.D
Acq: 19 Nov 2018 12:53

Instrument :
MSVOA_U
ClientSampleId :
H0FJ2RE

Tot Ion	Ratio	Lower	Upper
96	100		
61	192.8	122.2	227.0
98	65.3	44.9	83.5

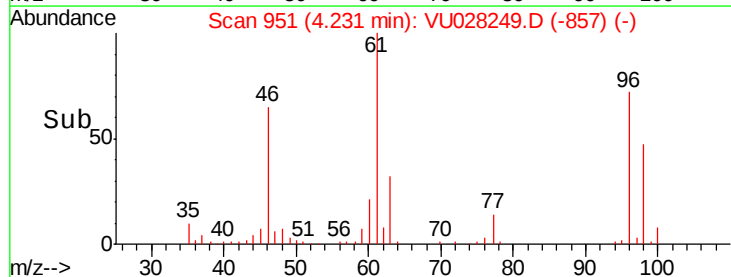
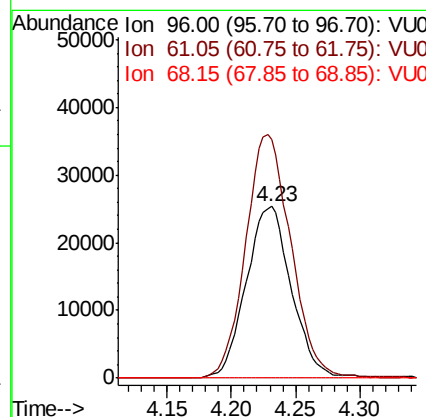
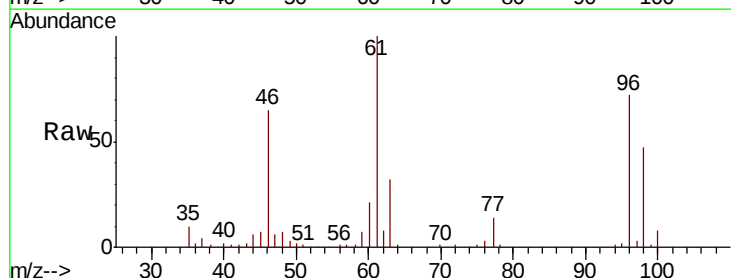
Manual Integrations
APPROVED

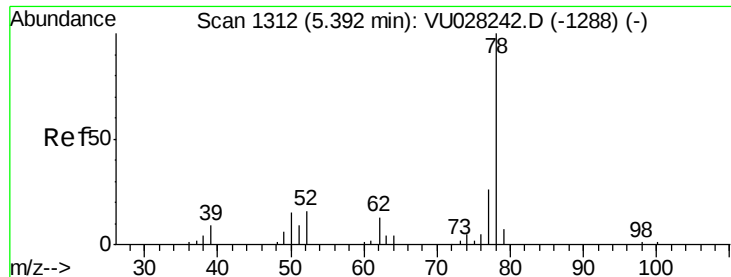
MMDadoda
11/21/2018 2:55:35 PM



#22
cis-1,2-Dichloroethene
Concen: 6.320 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028249.D
Acq: 19 Nov 2018 12:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.5	108.0	200.6
68	0.0	0.0	0.0





#33

Benzene

Concen: 0.157 ug/L

RT: 5.39 min Scan# 1310

Delta R.T. -0.01 min

Lab File: VU028249.D

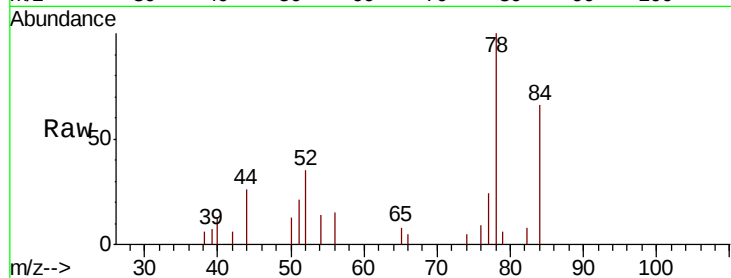
Acq: 19 Nov 2018 12:53

Tgt Ion: 78 Resp: 6240

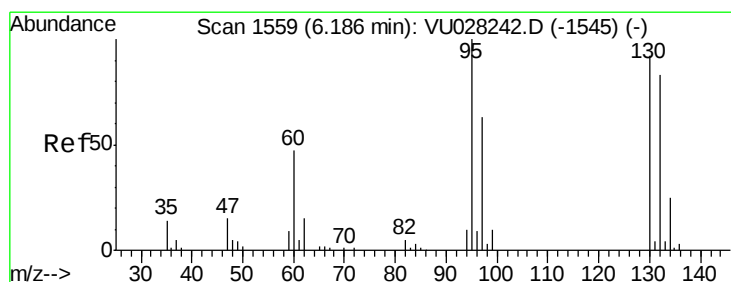
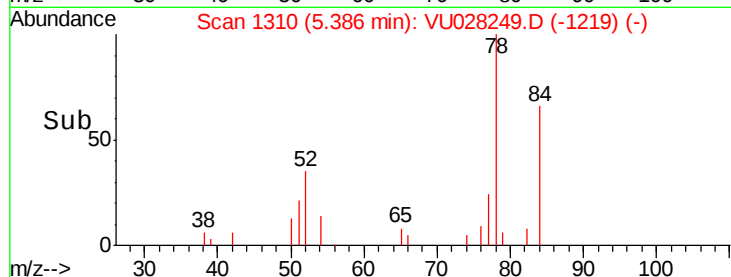
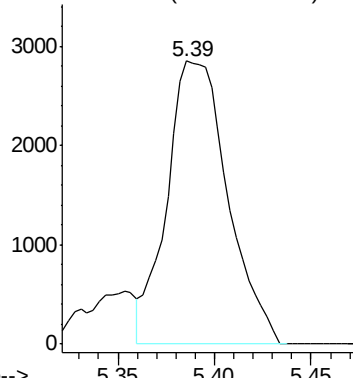
Instrument :
MSVOA_U
ClientSampleId :
H0FJ2RE

Manual Integrations
APPROVED

MMDadoda
11/21/2018 2:55:35 PM



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.518 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028249.D

Acq: 19 Nov 2018 12:53

Tgt Ion: 95 Resp: 5032

Ion	Ratio	Lower	Upper
95	100		
97	70.5	46.5	86.3
132	82.9	58.9	109.3
130	92.1	61.3	113.9

Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

Abundance Ion 95.00 (94.70 to 95.70): VU0

