

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032837.D
 Acq On : 18 Jun 2019 20:33
 Operator : JC/SP
 Sample : K3363-02DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT6DL

Quant Time: Jun 19 06:38:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 04:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227215	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110692	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	67195	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.54%
7) Chloroethane-d5	1.68	69	57314	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.56%
11) 1,1-Dichloroethene-d2	2.27	63	114985	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.52%
21) 2-Butanone-d5	4.17	46	131335	101.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.64	84	142750	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
26) 1,2-Dichloroethane-d4	5.30	65	98711	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
32) Benzene-d6	5.33	84	282322	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.32	67	92193	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.02%
41) Toluene-d8	7.56	98	261601	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
43) trans-1,3-Dichloropropene-	7.84	79	44497	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.80%
47) 2-Hexanone-d5	8.31	63	87852	102.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134589	47.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	107195	50.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.08%

Target Compounds

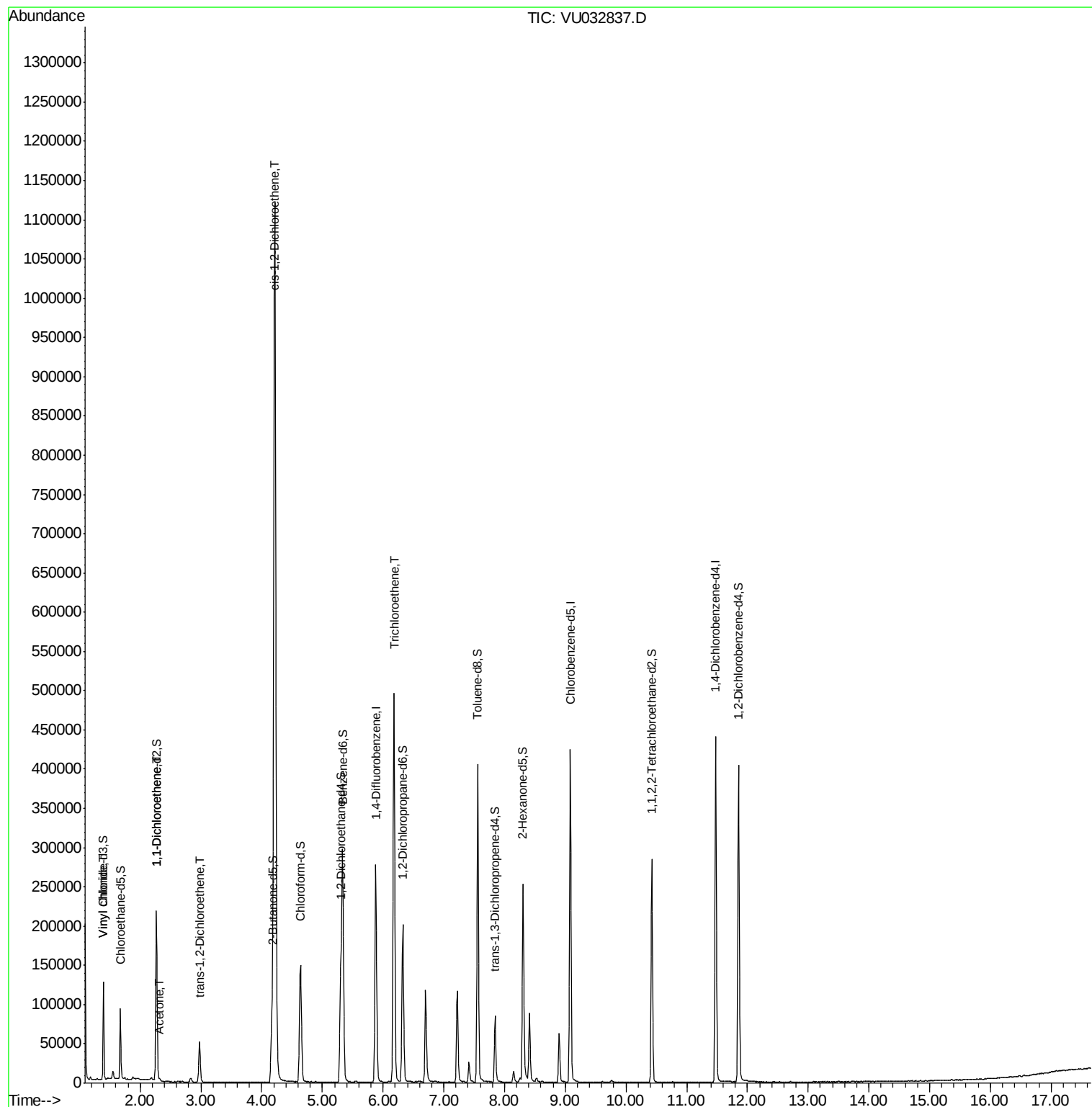
					Ovalue
5) Vinyl chloride	1.40	62	11665	5.654 ug/L	89
12) 1,1-Dichloroethene	2.28	96	16125	11.270 ug/L	# 1
13) Acetone	2.32	43	2324	1.302 ug/L	87
17) trans-1,2-Dichloroethene	2.98	96	19596	12.629 ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	598335	353.974 ug/L	97
34) Trichloroethene	6.18	95	163053	95.428 ug/L	99

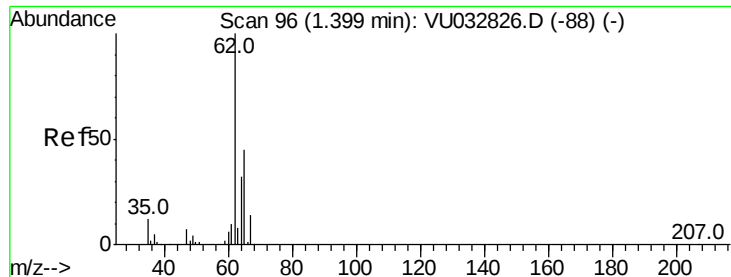
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.654 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032837.D

Acq: 18 Jun 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

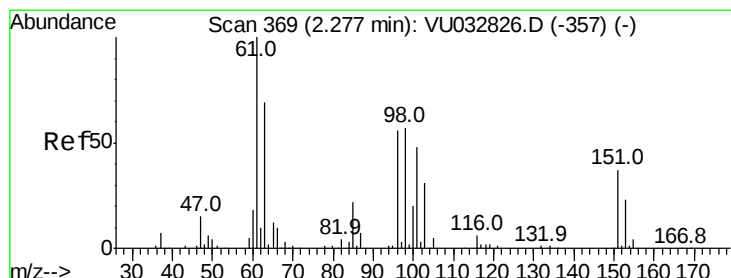
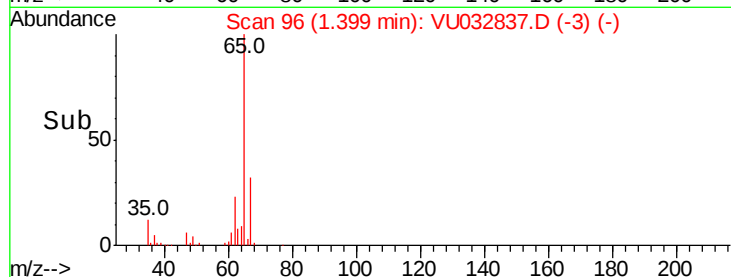
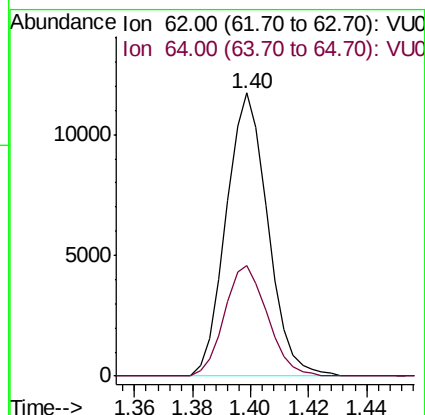
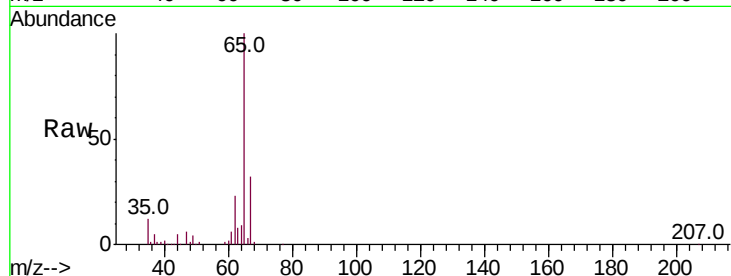
C0JT6DL

Tot Ion: 62 Resp: 11665

Ion Ratio Lower Upper

62 100

64 39.0 23.0 42.6



#12

1,1-Dichloroethene

Concen: 11.270 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032837.D

Acq: 18 Jun 2019 20:33

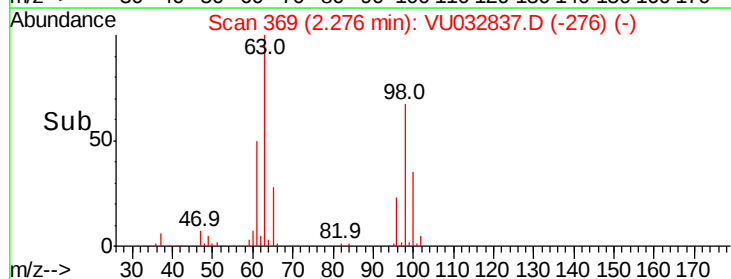
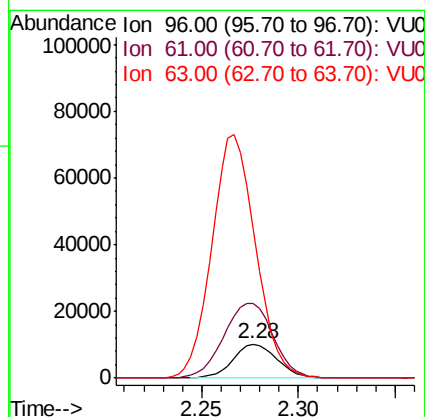
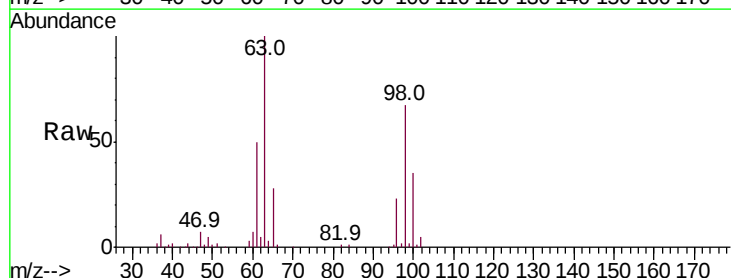
Tgt Ion: 96 Resp: 16125

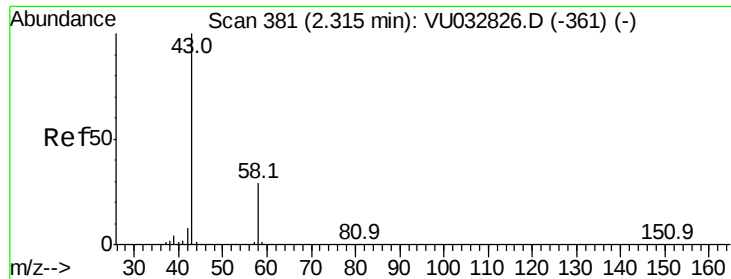
Ion Ratio Lower Upper

96 100

61 219.5 131.0 243.4

63 437.1 101.0 187.6#





#13

Acetone

Concen: 1.302 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032837.D

Acq: 18 Jun 2019 20:33

Instrument :

MSVOA_U

ClientSampleId :

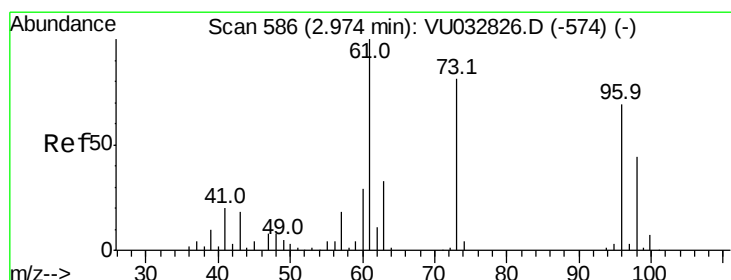
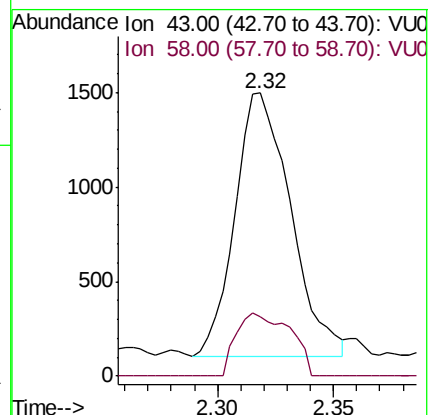
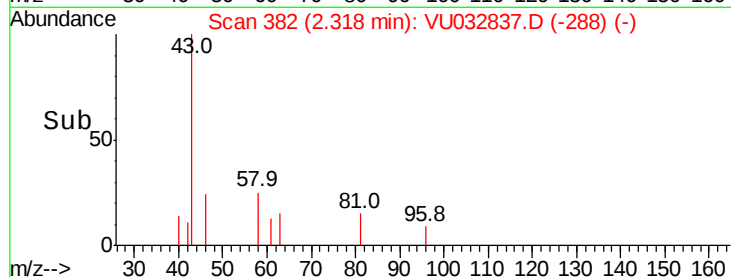
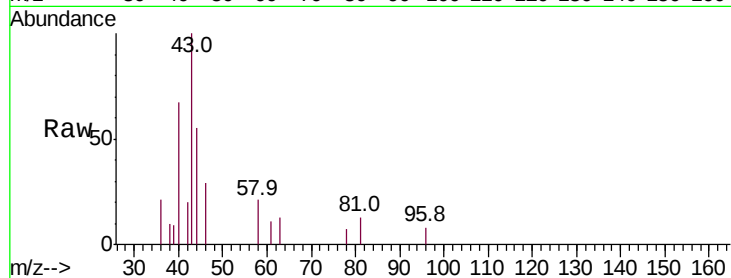
C0JT6DL

Tot Ion: 43 Resp: 2324

Ion Ratio Lower Upper

43 100

58 23.2 0.0 60.6



#17

trans-1,2-Dichloroethene

Concen: 12.629 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032837.D

Acq: 18 Jun 2019 20:33

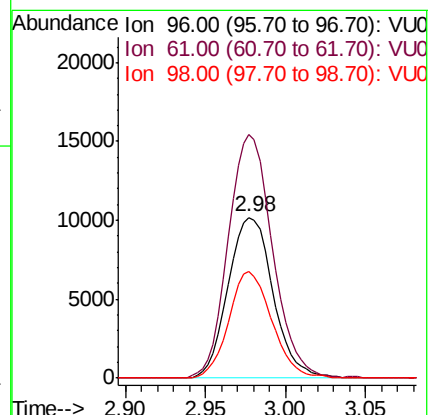
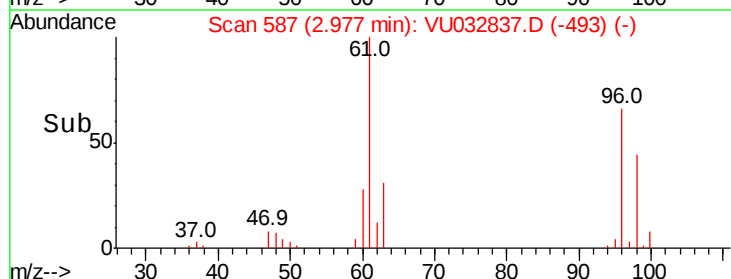
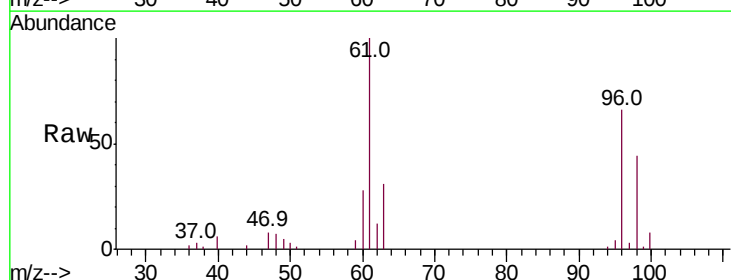
Tgt Ion: 96 Resp: 19596

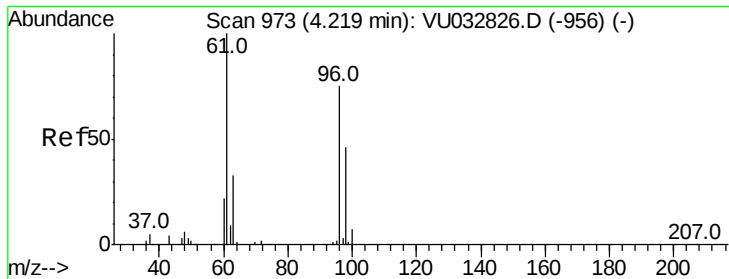
Ion Ratio Lower Upper

96 100

61 151.8 100.9 187.5

98 66.4 44.0 81.8



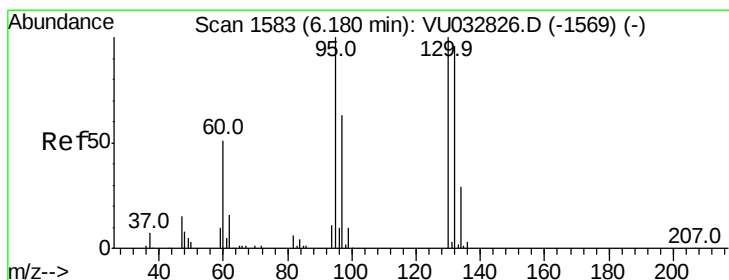
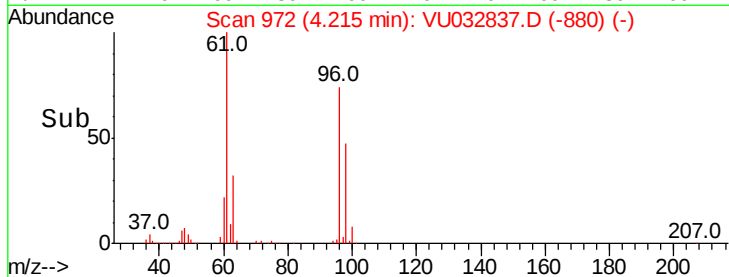
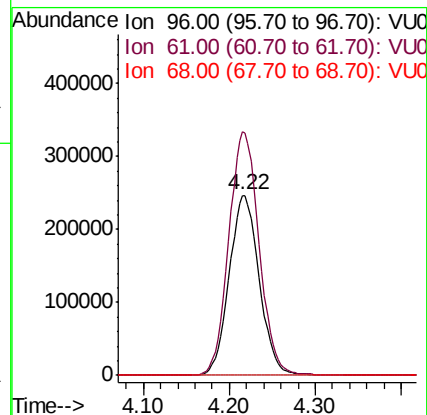
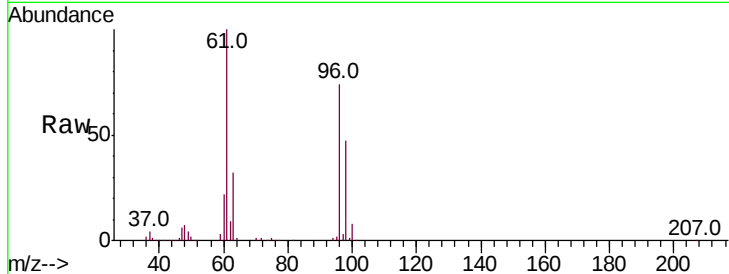


#20

cis-1,2-Dichloroethene
Concen: 353.974 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032837.D
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Instrument :
MSVOA_U
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C0JT6DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	92.4	171.6
68	0.0	0.0	0.0



#34

Trichloroethene
Concen: 95.428 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032837.D
Acq: 18 Jun 2019 20:33

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.9	85.3
132	98.2	68.5	127.3
130	100.1	70.8	131.4

