

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033911.D
 Acq On : 22 Aug 2019 19:55
 Operator : JC/SP
 Sample : K4454-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B91

Quant Time: Aug 23 03:44:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 02:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	591095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	584992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	251636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	179566	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.28%
7) Chloroethane-d5	1.67	69	163098	39.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.34%
11) 1,1-Dichloroethene-d2	2.25	63	272908	29.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.38%#
21) 2-Butanone-d5	4.15	46	358618	102.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.81%
24) Chloroform-d	4.62	84	372946	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.28	65	249139	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.31	84	730807	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.31	67	252473	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.64%
41) Toluene-d8	7.54	98	601413	40.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.10%
43) trans-1,3-Dichloropropene-	7.85	79	1266	0.51	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	1.02%#
47) 2-Hexanone-d5	8.29	63	215819	96.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	363941	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	240328	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

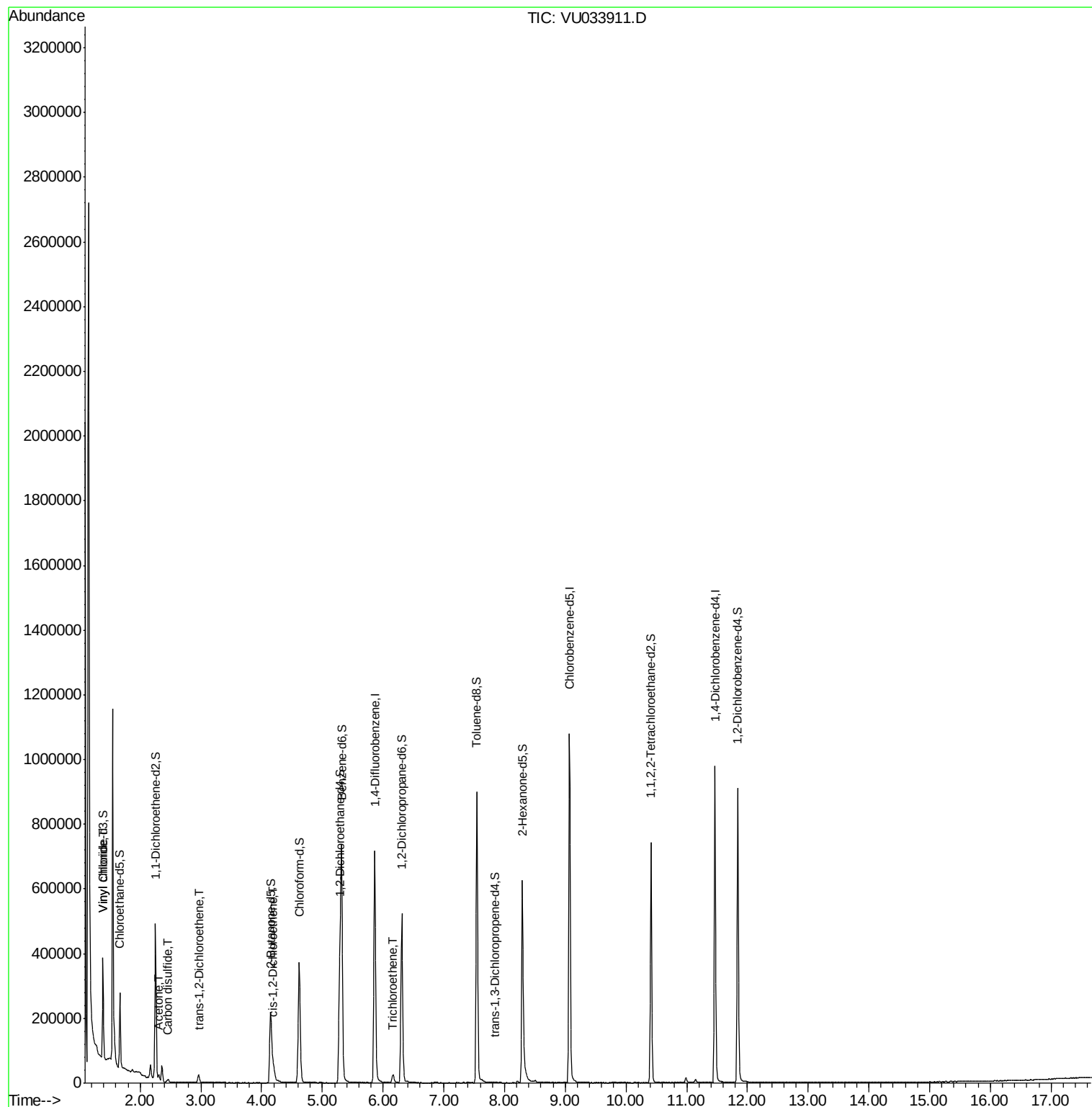
					Ovalue
5) Vinyl chloride	1.39	62	31726	5.137 ug/L	# 6
13) Acetone	2.31	43	17769	5.577 ug/L	92
14) Carbon disulfide	2.46	76	11346	0.885 ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	8876	2.073 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	17833	3.784 ug/L	98
34) Trichloroethene	6.17	95	6555	1.428 ug/L	96

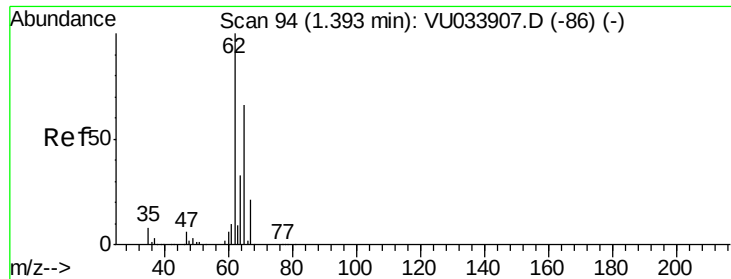
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082219\
Data File : VU033911.D
Acq On : 22 Aug 2019 19:55
Operator : JC/SP
Sample : K4454-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B91

Quant Time: Aug 23 03:44:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.137 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033911.D

Acq: 22 Aug 2019 19:55

Instrument :

MSVOA_U

ClientSampled :

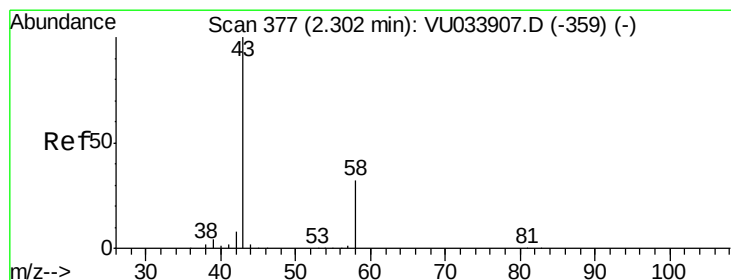
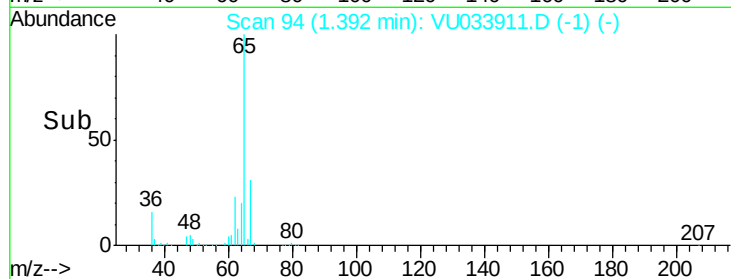
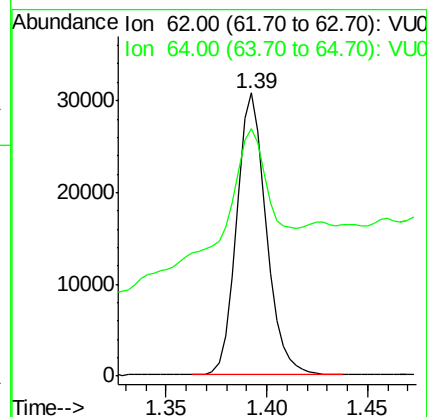
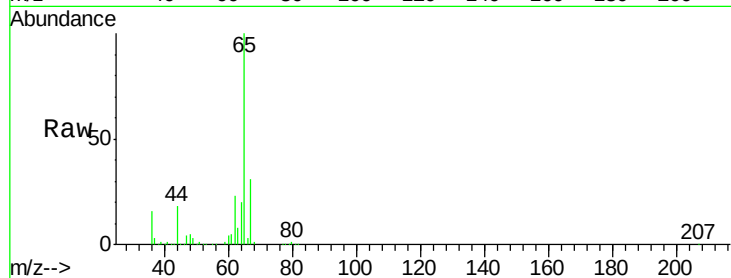
F2B91

Tot Ion: 62 Resp: 31726

Ion Ratio Lower Upper

62 100

64 87.6 23.7 44.1#



#13

Acetone

Concen: 5.577 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033911.D

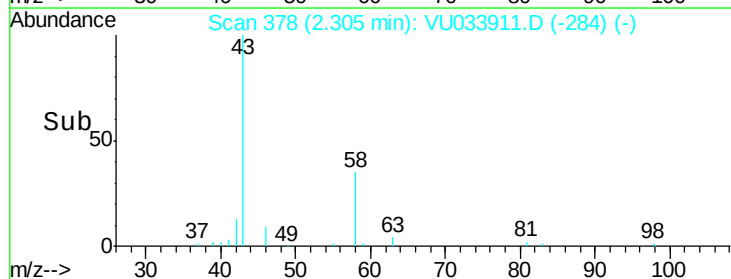
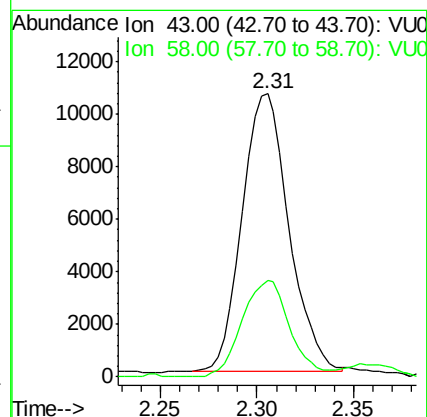
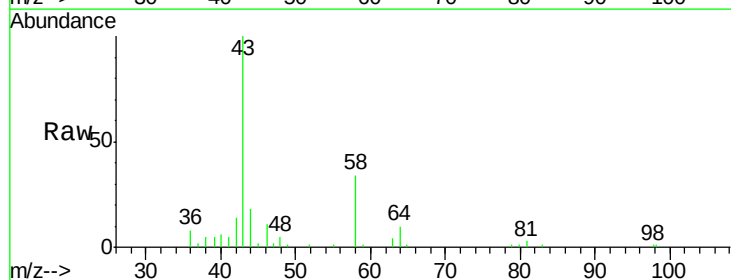
Acq: 22 Aug 2019 19:55

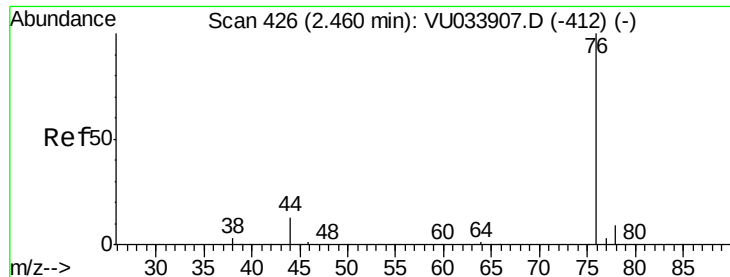
Tgt Ion: 43 Resp: 17769

Ion Ratio Lower Upper

43 100

58 35.8 0.0 62.4





#14

Carbon disulfide

Concen: 0.885 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033911.D

Acq: 22 Aug 2019 19:55

Instrument :

MSVOA_U

ClientSampled :

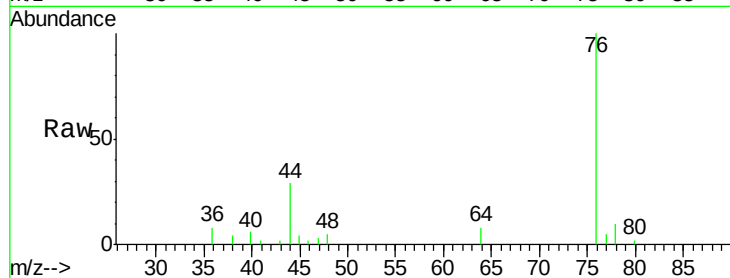
F2B91

Tot Ion: 76 Resp: 11346

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU033911.D (-333) (-)

Ion 78.00 (77.70 to 78.70): VU033911.D (-333) (-)

2.46

6000

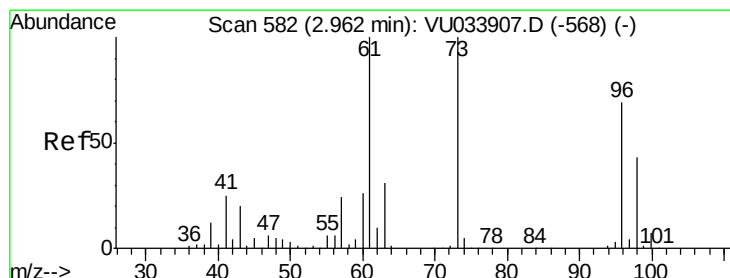
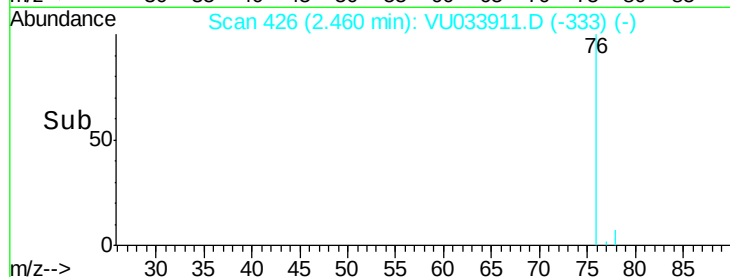
4000

2000

0

Time-->

2.40 2.45 2.50



#17

trans-1,2-Dichloroethene

Concen: 2.073 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU033911.D

Acq: 22 Aug 2019 19:55

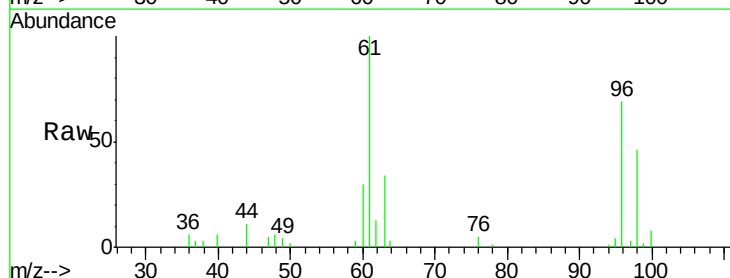
Tgt Ion: 96 Resp: 8876

Ion Ratio Lower Upper

96 100

61 145.4 101.2 187.8

98 66.6 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU033911.D (-489) (-)

Ion 61.00 (60.70 to 61.70): VU033911.D (-489) (-)

Ion 98.00 (97.70 to 98.70): VU033911.D (-489) (-)

2.96

10000

8000

6000

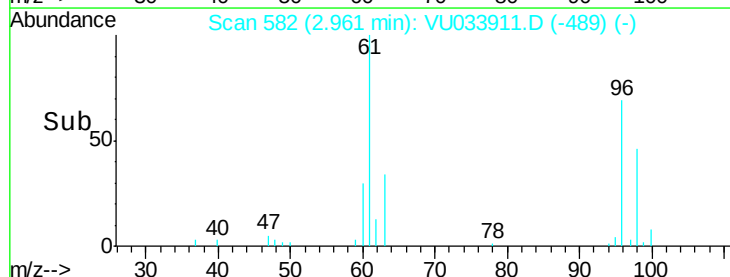
4000

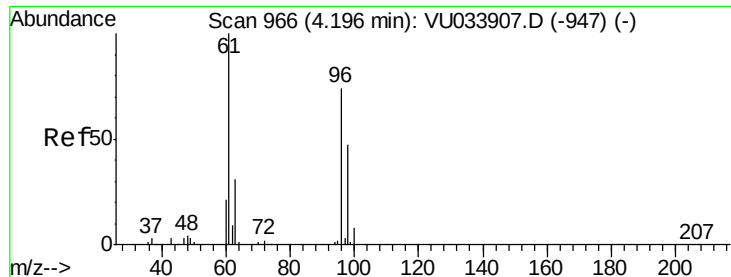
2000

0

Time-->

2.90 2.95 3.00

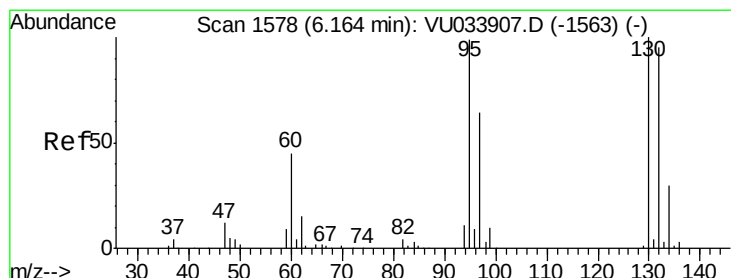
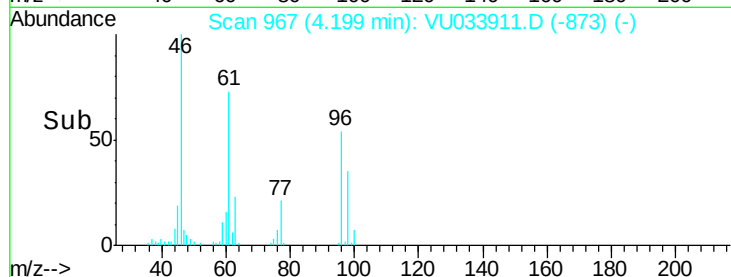
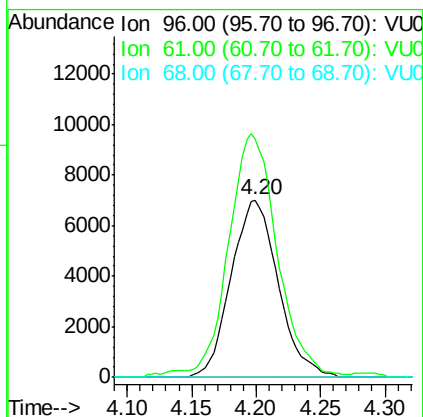
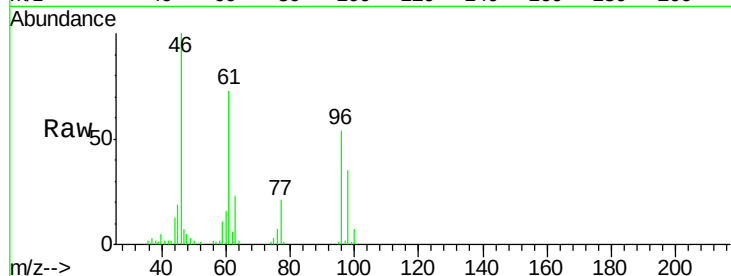




#20
 cis-1,2-Dichloroethene
 Concen: 3.784 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033911.D
 Acq: 22 Aug 2019 19:55

Instrument :
 MSVOA_U
 ClientSampled :
 F2B91

Tot Ion: 96 Resp: 17833
 Ion Ratio Lower Upper
 96 100
 61 134.4 95.5 177.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.428 ug/L
 RT: 6.17 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VU033911.D
 Acq: 22 Aug 2019 19:55

Tgt Ion: 95 Resp: 6555
 Ion Ratio Lower Upper
 95 100
 97 68.1 44.7 82.9
 132 93.6 65.7 122.1
 130 94.8 70.0 130.0

