

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039019.D
 Acq On : 22 Jun 2020 21:11
 Operator : SY/MD
 Sample : L3061-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ5

Quant Time: Jun 23 02:28:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	263896	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	273161	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	121661	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123781	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.93	69	93132	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.59	63	173995	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.66	46	375841	53.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	5.10	84	213963	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.74	65	126143	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	425604	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.72	67	137851	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.92	98	360644	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	8.20	79	45689	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.66	63	281181	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122485	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	133911	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

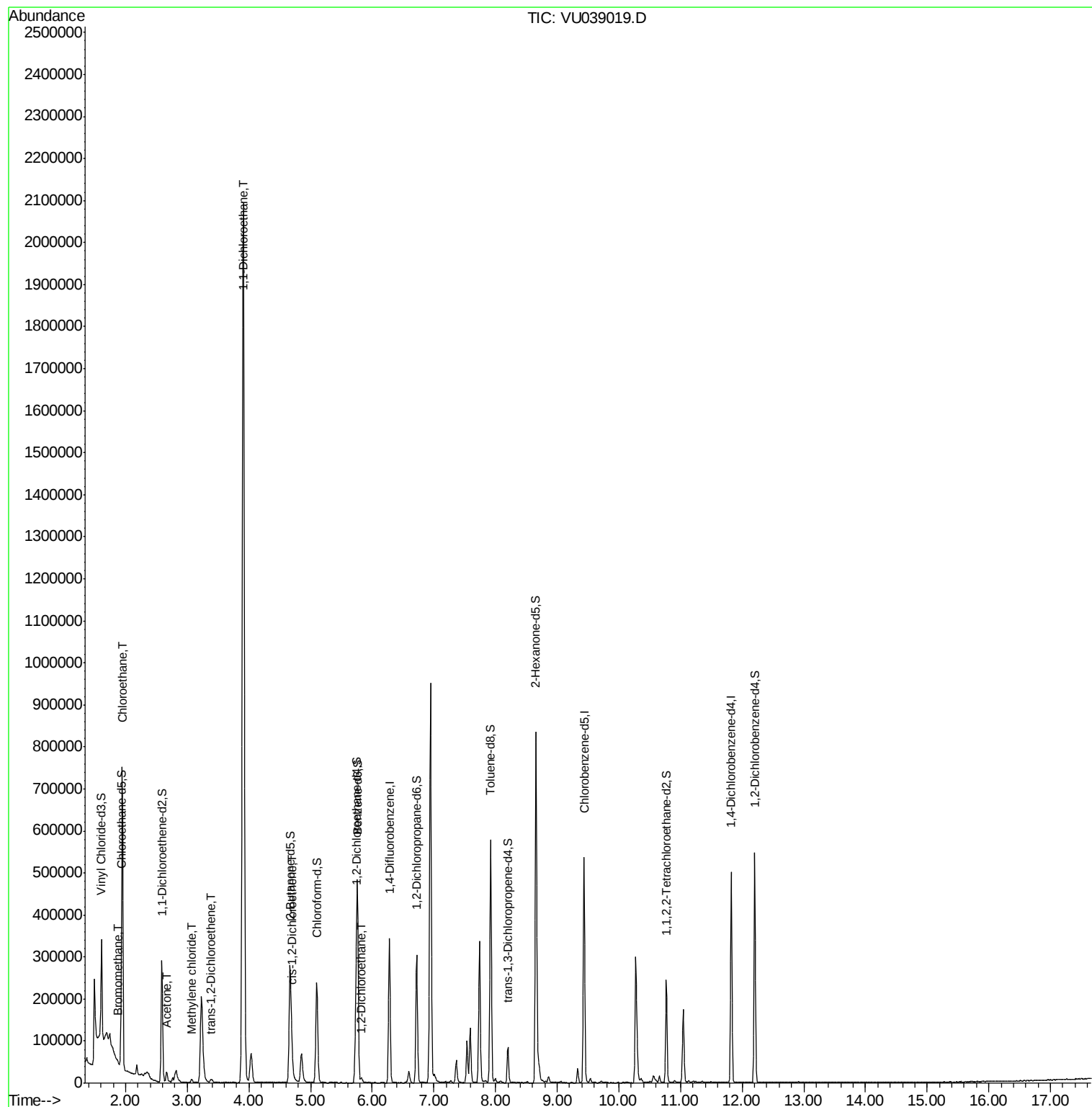
					Ovalue
6) Bromomethane	1.87	94	1256	0.196 ug/L	97
8) Chloroethane	1.95	64	437085	29.479 ug/L	92
13) Acetone	2.66	43	9416	2.115 ug/L	91
16) Methylene chloride	3.08	84	1919	0.083 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	2347	0.115 ug/L	74
19) 1,1-Dichloroethane	3.91	63	2435371	60.458 ug/L	100
22) cis-1,2-Dichloroethene	4.70	96	9940	0.456 ug/L	98
27) 1,2-Dichloroethane	5.83	62	8105	0.288 ug/L	99

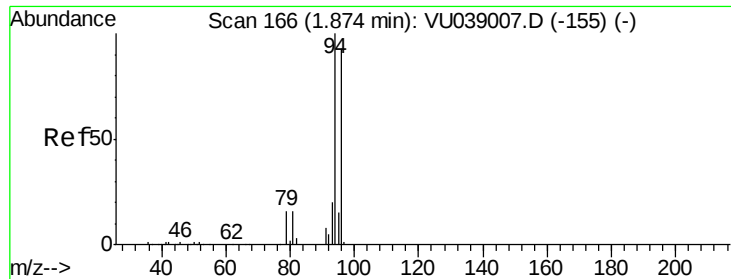
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.196 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU039019.D

Acq: 22 Jun 2020 21:11

Instrument :

MSVOA_U

ClientSampled :

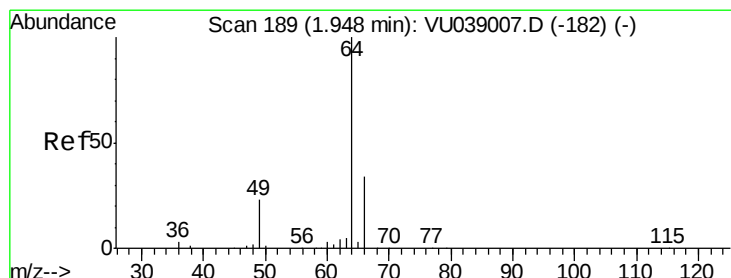
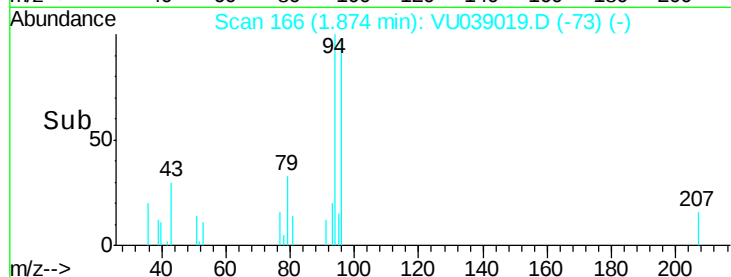
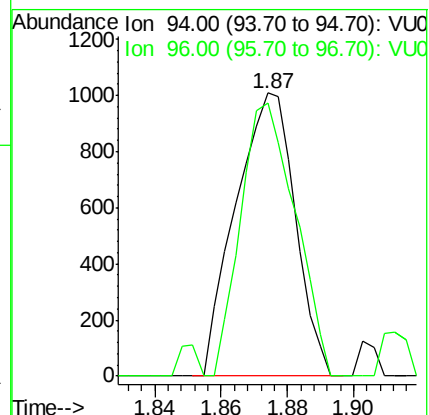
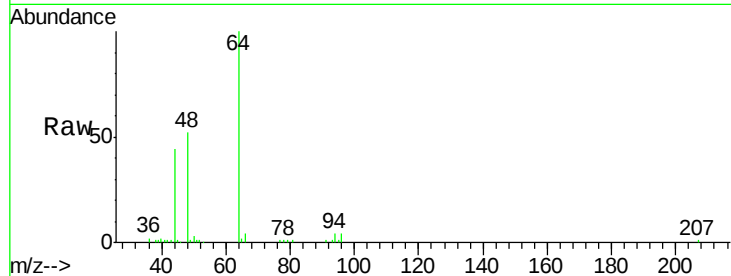
BFXJ5

Tot Ion: 94 Resp: 1256

Ion Ratio Lower Upper

94 100

96 96.4 65.5 121.7



#8

Chloroethane

Concen: 29.479 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU039019.D

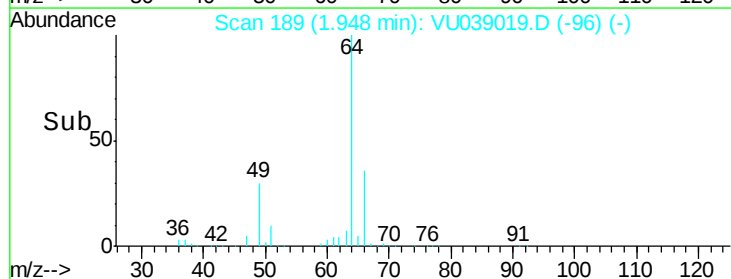
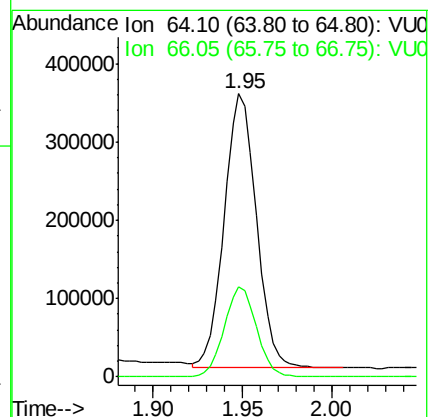
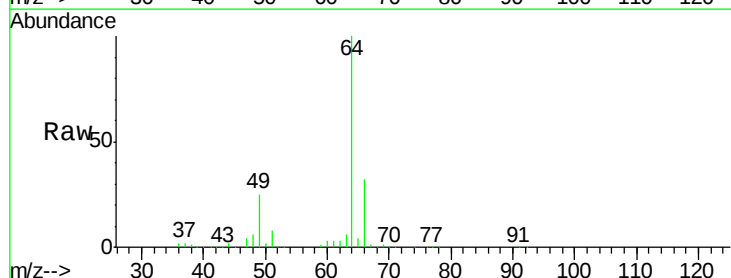
Acq: 22 Jun 2020 21:11

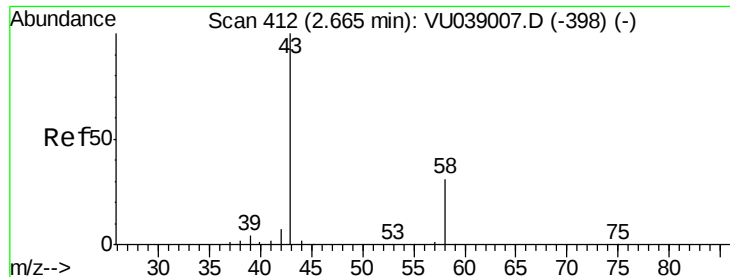
Tgt Ion: 64 Resp: 437085

Ion Ratio Lower Upper

64 100

66 31.6 19.4 36.0





#13

Acetone

Concen: 2.115 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039019.D

Acq: 22 Jun 2020 21:11

Instrument :

MSVOA_U

ClientSampled :

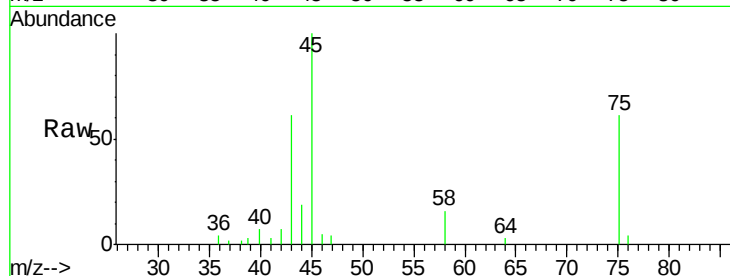
BFXJ5

Tot Ion: 43 Resp: 9416

Ion Ratio Lower Upper

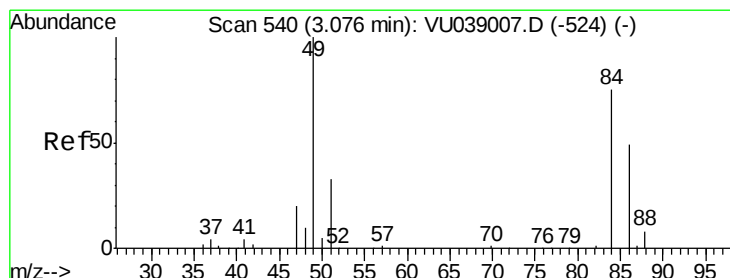
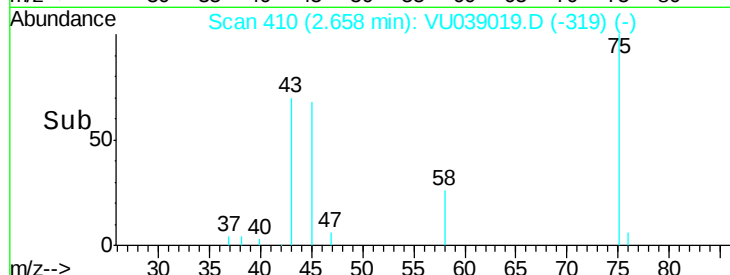
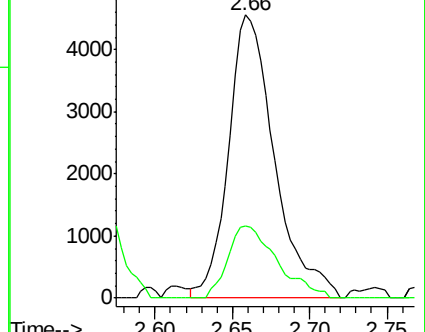
43 100

58 27.3 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039019.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039019.D (-319) (-)



#16

Methylene chloride

Concen: 0.083 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039019.D

Acq: 22 Jun 2020 21:11

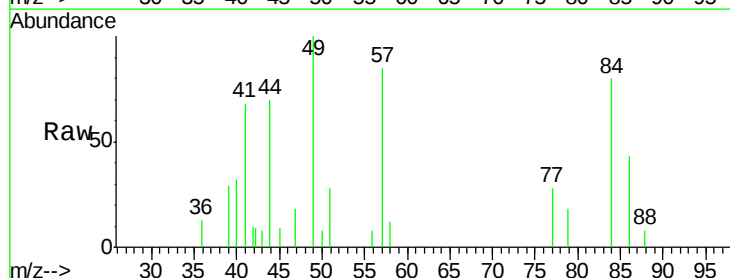
Tgt Ion: 84 Resp: 1919

Ion Ratio Lower Upper

84 100

86 53.6 43.1 80.1

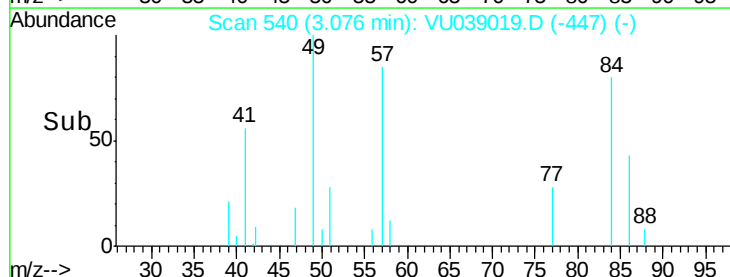
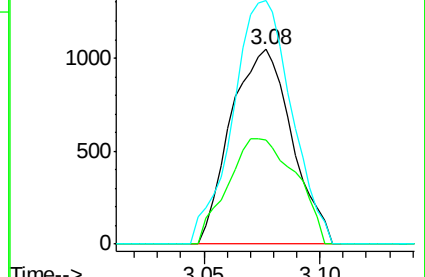
49 125.0 90.9 168.9

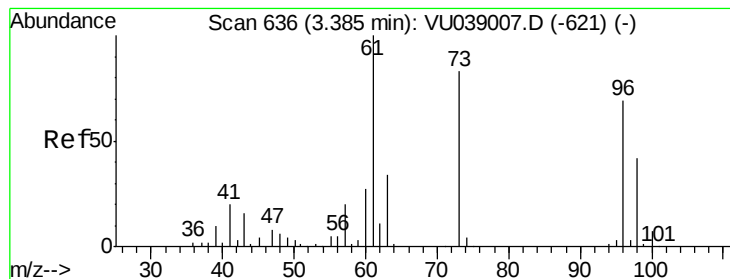


Abundance Ion 84.05 (83.75 to 84.75): VU039019.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039019.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039019.D (-447) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.115 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039019.D

Acq: 22 Jun 2020 21:11

Instrument :

MSVOA_U

ClientSampleId :

BFXJ5

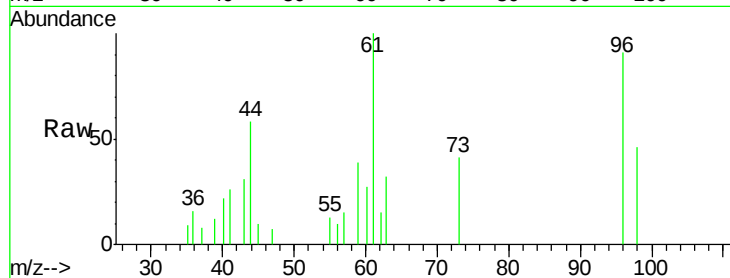
Tot Ion: 96 Resp: 2347

Ion Ratio Lower Upper

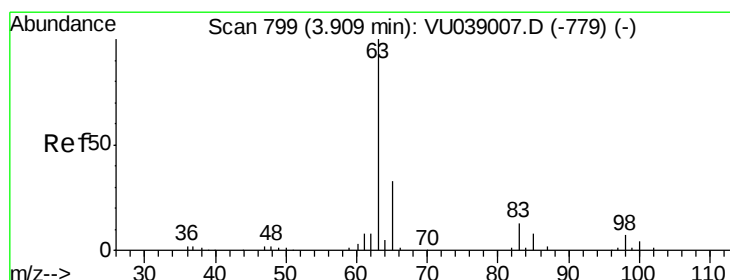
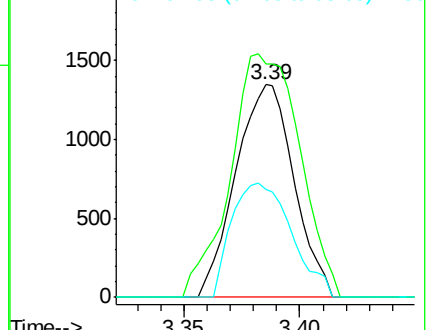
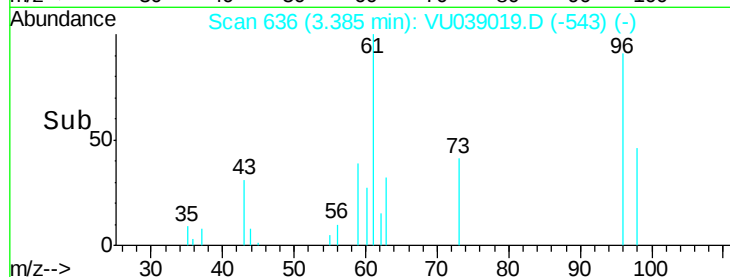
96 100

61 109.9 102.6 190.6

98 51.0 45.0 83.6



Abundance Ion 96.00 (95.70 to 96.70): VU039019.D (-543) (-)



#19

1,1-Dichloroethane

Concen: 60.458 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU039019.D

Acq: 22 Jun 2020 21:11

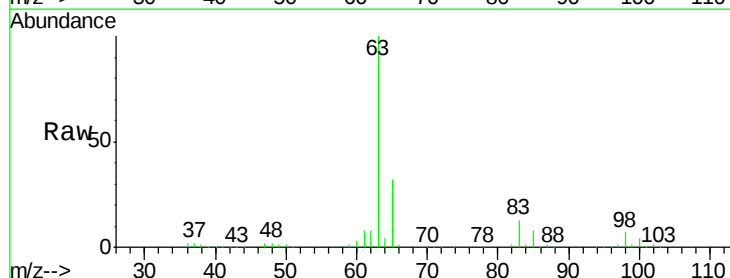
Tgt Ion: 63 Resp: 2435371

Ion Ratio Lower Upper

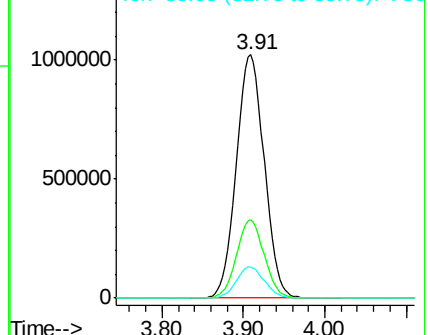
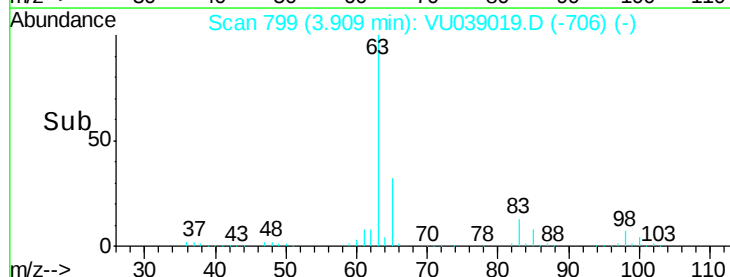
63 100

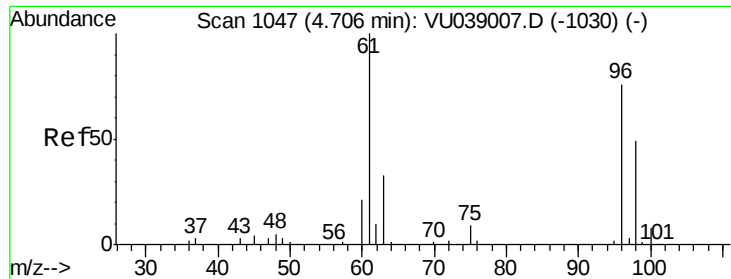
65 32.1 22.5 41.7

83 12.9 9.2 17.2



Abundance Ion 63.10 (62.80 to 63.80): VU039019.D (-706) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.456 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

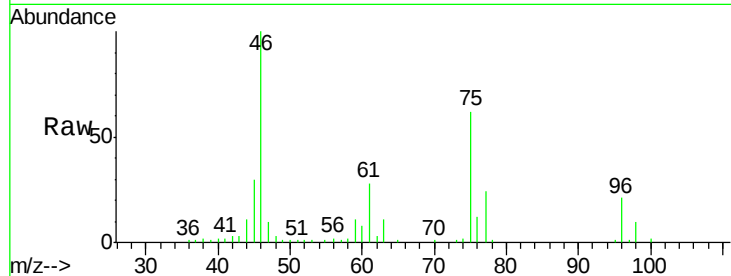
Lab File: VU039019.D

Acq: 22 Jun 2020 21:11

Instrument :
MSVOA_U
ClientSampleId :
BFXJ5

Tot Ion: 96 Resp: 9940

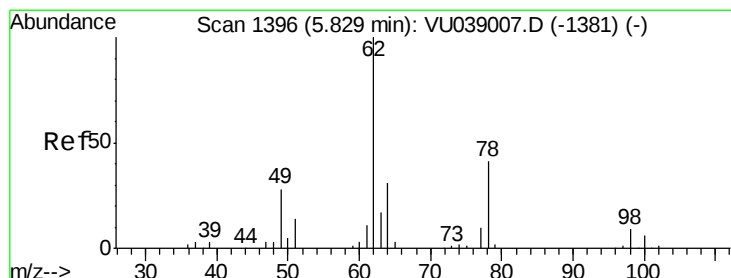
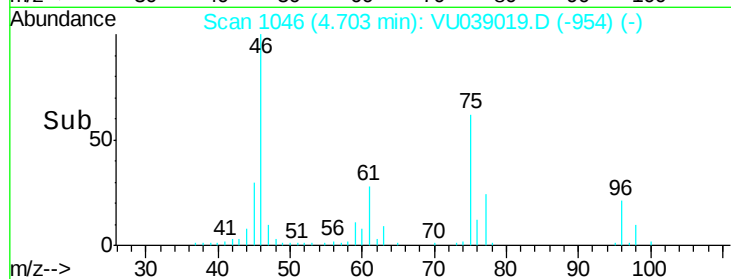
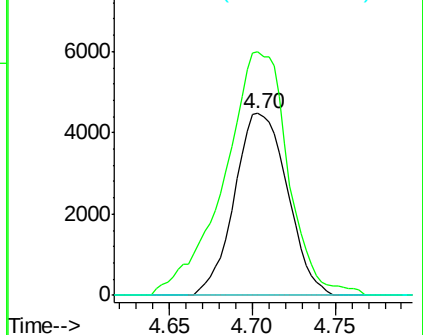
Ion	Ratio	Lower	Upper
96	100		
61	133.8	92.0	170.8
68	0.0	0.0	0.0



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



#27

1,2-Dichloroethane

Concen: 0.288 ug/L

RT: 5.83 min Scan# 1396

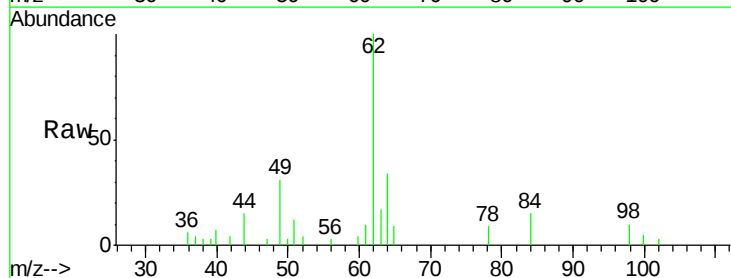
Delta R.T. 0.00 min

Lab File: VU039019.D

Acq: 22 Jun 2020 21:11

Tgt Ion: 62 Resp: 8105

Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

