

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120519\
 Data File : VU036001.D
 Acq On : 05 Dec 2019 18:20
 Operator : JC/SP
 Sample : K6132-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR0

Quant Time: Dec 06 11:04:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 00:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	278215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129425	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.93	69	111603	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	143678	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.70	46	295224	52.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.14%
24) Chloroform-d	5.11	84	209453	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	112137	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	402413	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.73	67	129465	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	324903	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.22	79	49454	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.68	63	241120	52.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	120688	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	126417	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

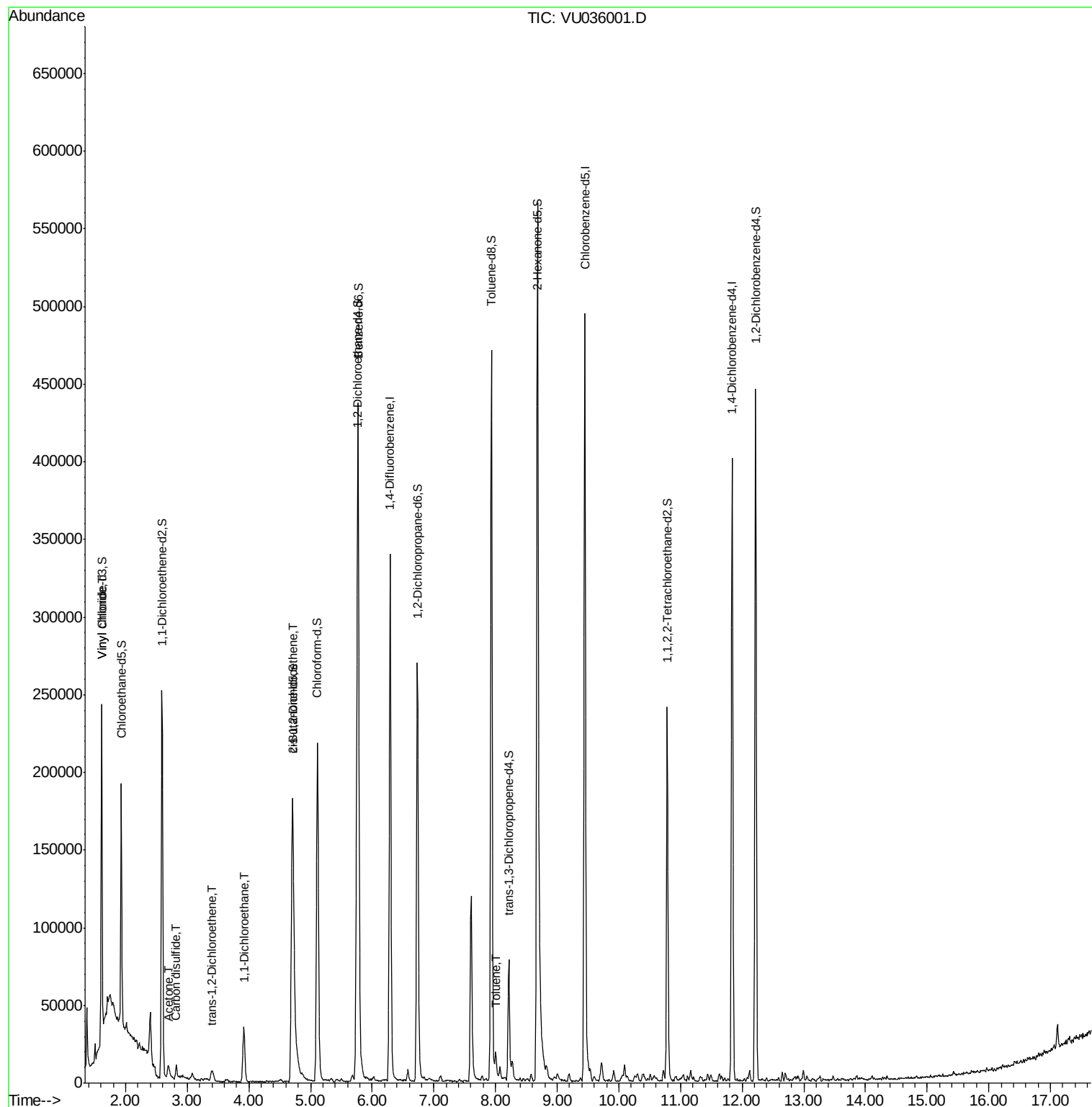
					Ovalue
5) Vinyl chloride	1.62	62	17287	0.520 ug/L #	1
13) Acetone	2.69	43	16604	3.270 ug/L	100
14) Carbon disulfide	2.82	76	13467	0.193 ug/L #	87
18) trans-1,2-Dichloroethene	3.39	96	1760	0.083 ug/L	93
19) 1,1-Dichloroethane	3.92	63	40896	0.991 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	22344	1.002 ug/L	88
42) Toluene	8.00	91	10401	0.105 ug/L	95

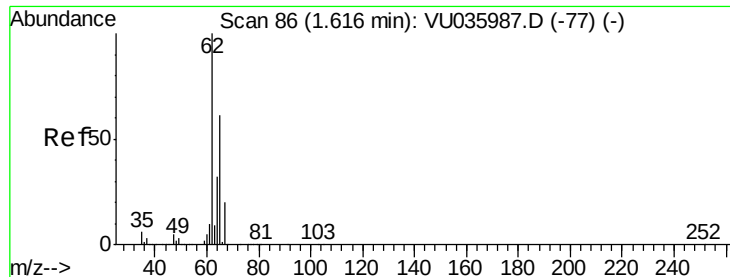
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120519\
Data File : VU036001.D
Acq On : 05 Dec 2019 18:20
Operator : JC/SP
Sample : K6132-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR0

Quant Time: Dec 06 11:04:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.520 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

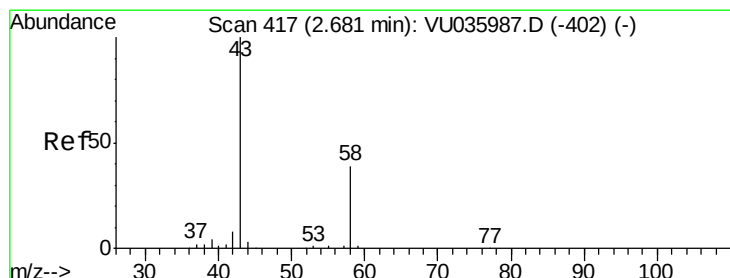
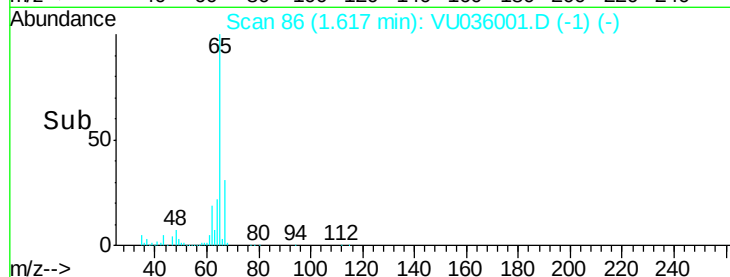
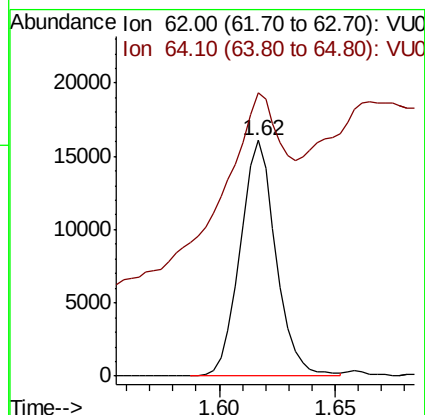
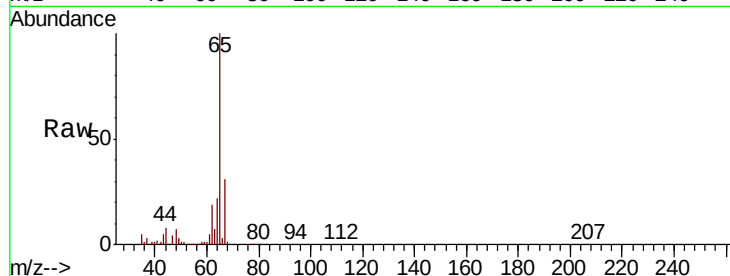
BFQR0

Tot Ion: 62 Resp: 17287

Ion Ratio Lower Upper

62 100

64 120.0 23.0 42.6#



#13

Acetone

Concen: 3.270 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

Lab File: VU036001.D

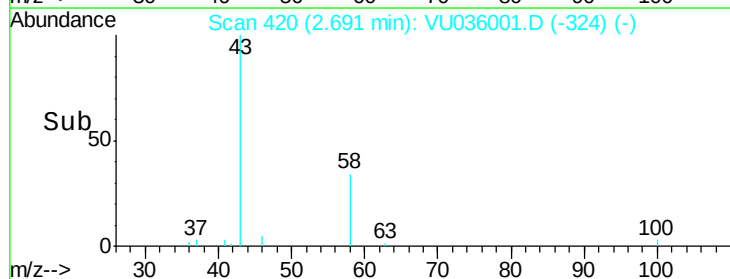
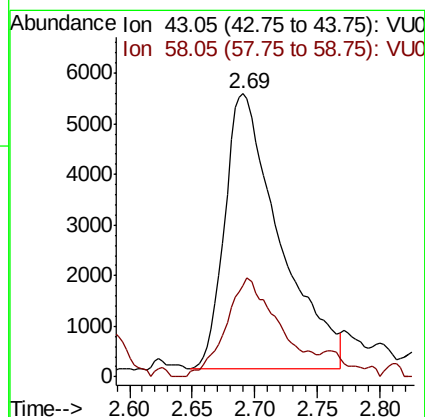
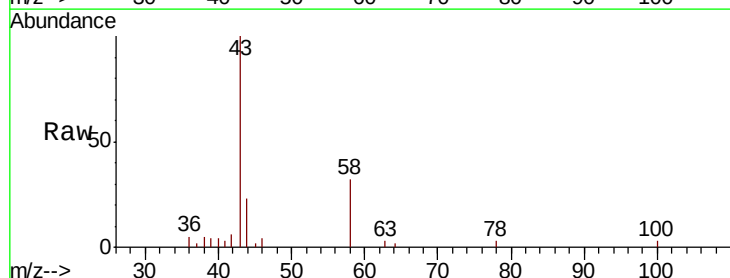
Acq: 05 Dec 2019 18:20

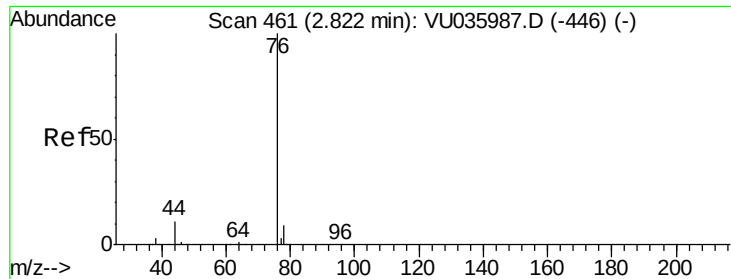
Tgt Ion: 43 Resp: 16604

Ion Ratio Lower Upper

43 100

58 34.4 0.0 68.6





#14

Carbon disulfide

Concen: 0.193 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

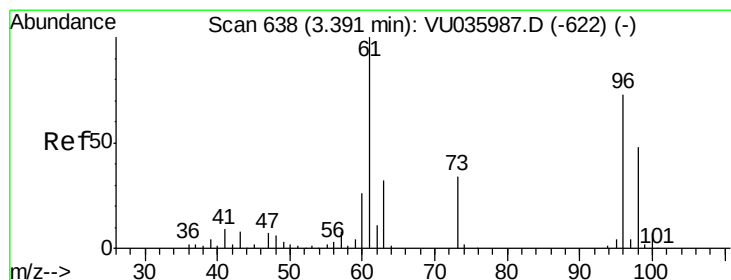
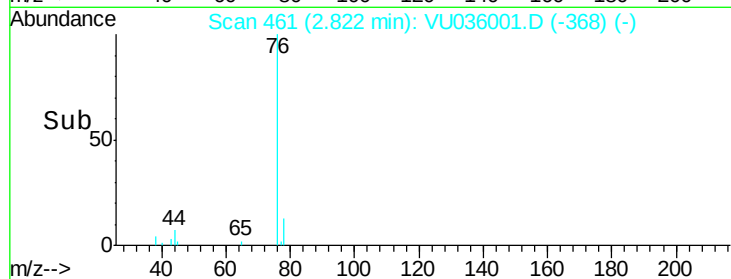
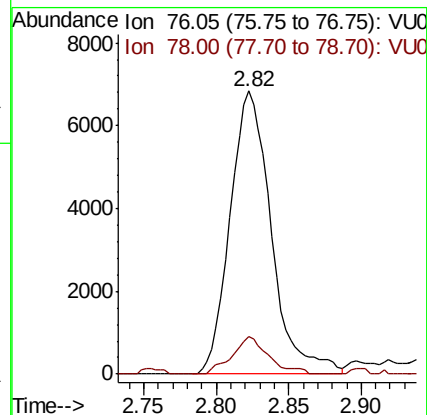
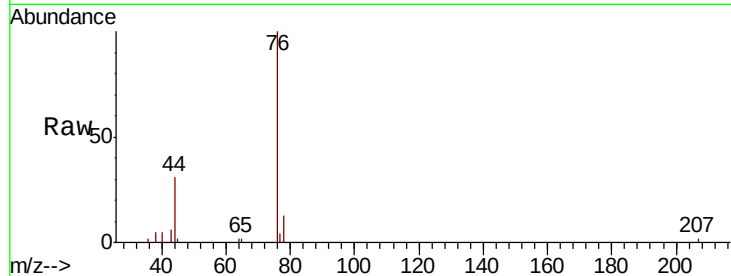
BFQR0

Tot Ion: 76 Resp: 13467

Ion Ratio Lower Upper

76 100

78 13.1 6.9 10.3#



#18

trans-1,2-Dichloroethene

Concen: 0.083 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

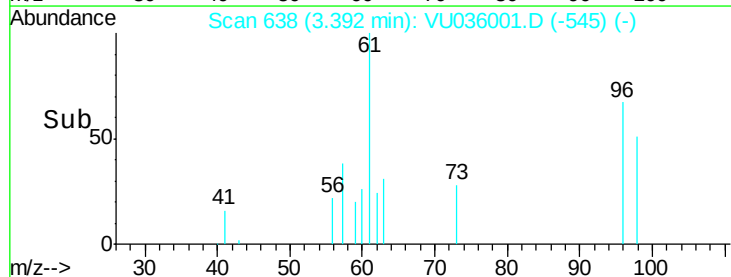
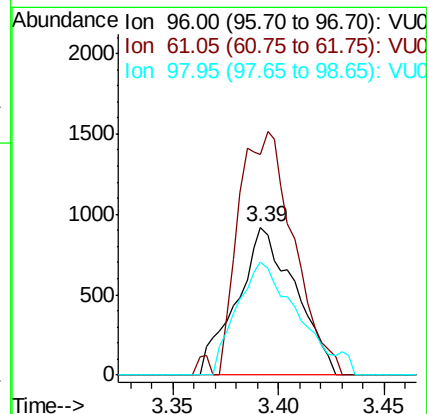
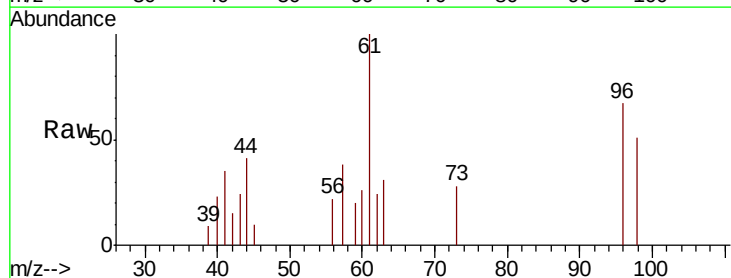
Tgt Ion: 96 Resp: 1760

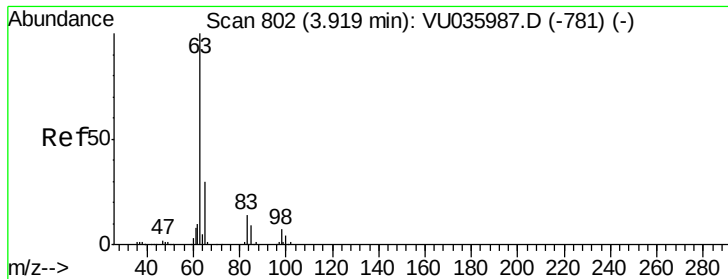
Ion Ratio Lower Upper

96 100

61 149.2 101.2 187.8

98 76.4 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.991 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

BFQR0

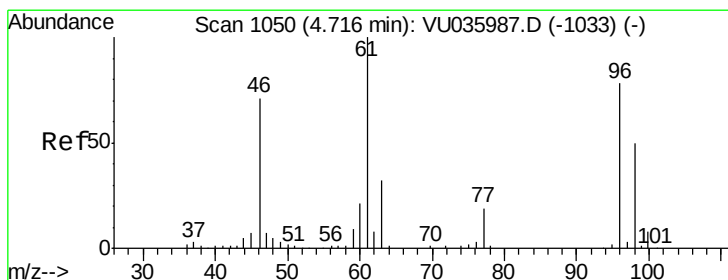
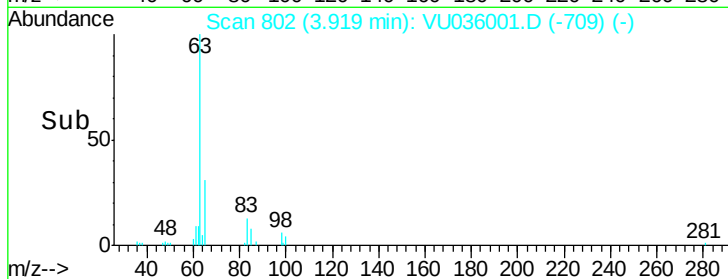
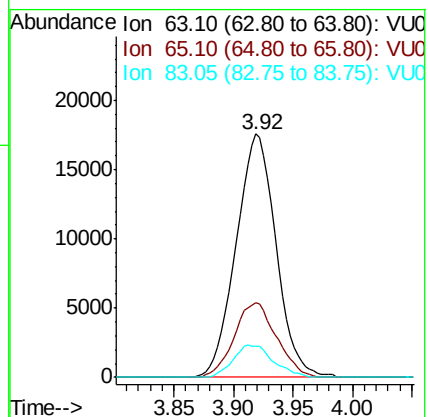
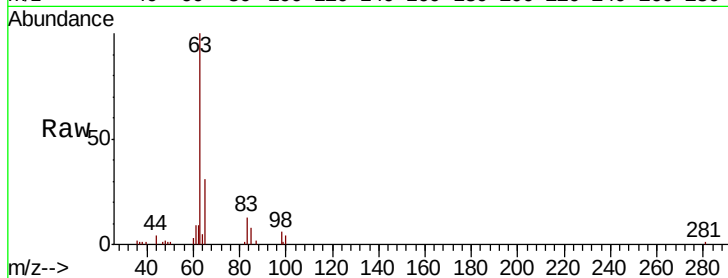
Tot Ion: 63 Resp: 40896

Ion Ratio Lower Upper

63 100

65 30.8 22.4 41.6

83 12.8 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 1.002 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

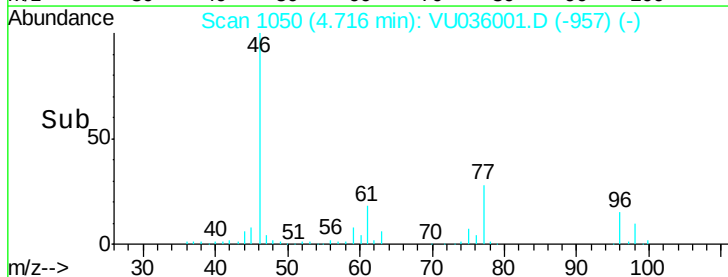
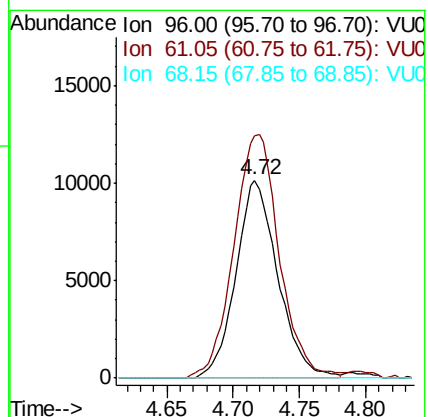
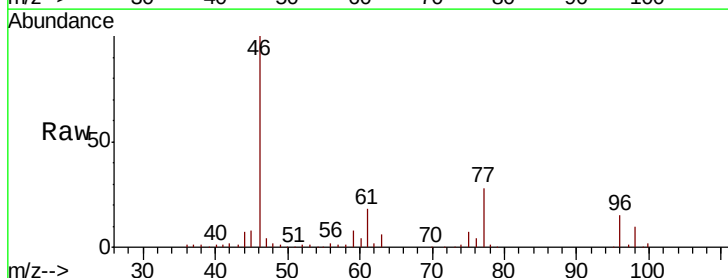
Tgt Ion: 96 Resp: 22344

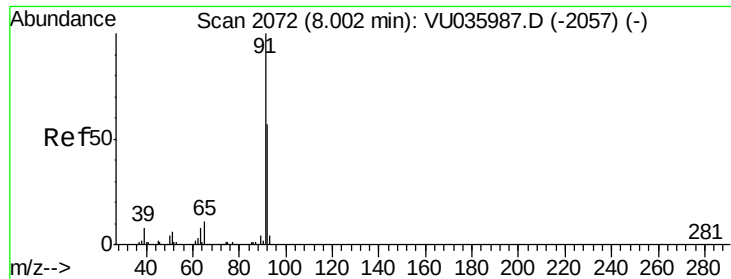
Ion Ratio Lower Upper

96 100

61 122.4 95.7 177.7

68 0.0 0.0 0.0





#42

Toluene

Concen: 0.105 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

BFQR0

Tot Ion: 91 Resp: 10401

Ion Ratio Lower Upper

91 100

92 53.3 39.8 74.0

