

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
 Data File : VU039768.D
 Acq On : 06 Aug 2020 20:14
 Operator : SY/MD
 Sample : L3578-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWP0

Quant Time: Aug 07 05:17:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	91681	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33863	6.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	136.80%#
7) Chloroethane-d5	1.92	69	23709	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	38369	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.68	46	132924	61.05	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.10%
24) Chloroform-d	5.08	84	56112	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.72	65	33246	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	101296	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.70	67	34620	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	80093	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	12419	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.64	63	73416	49.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30090	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35408	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

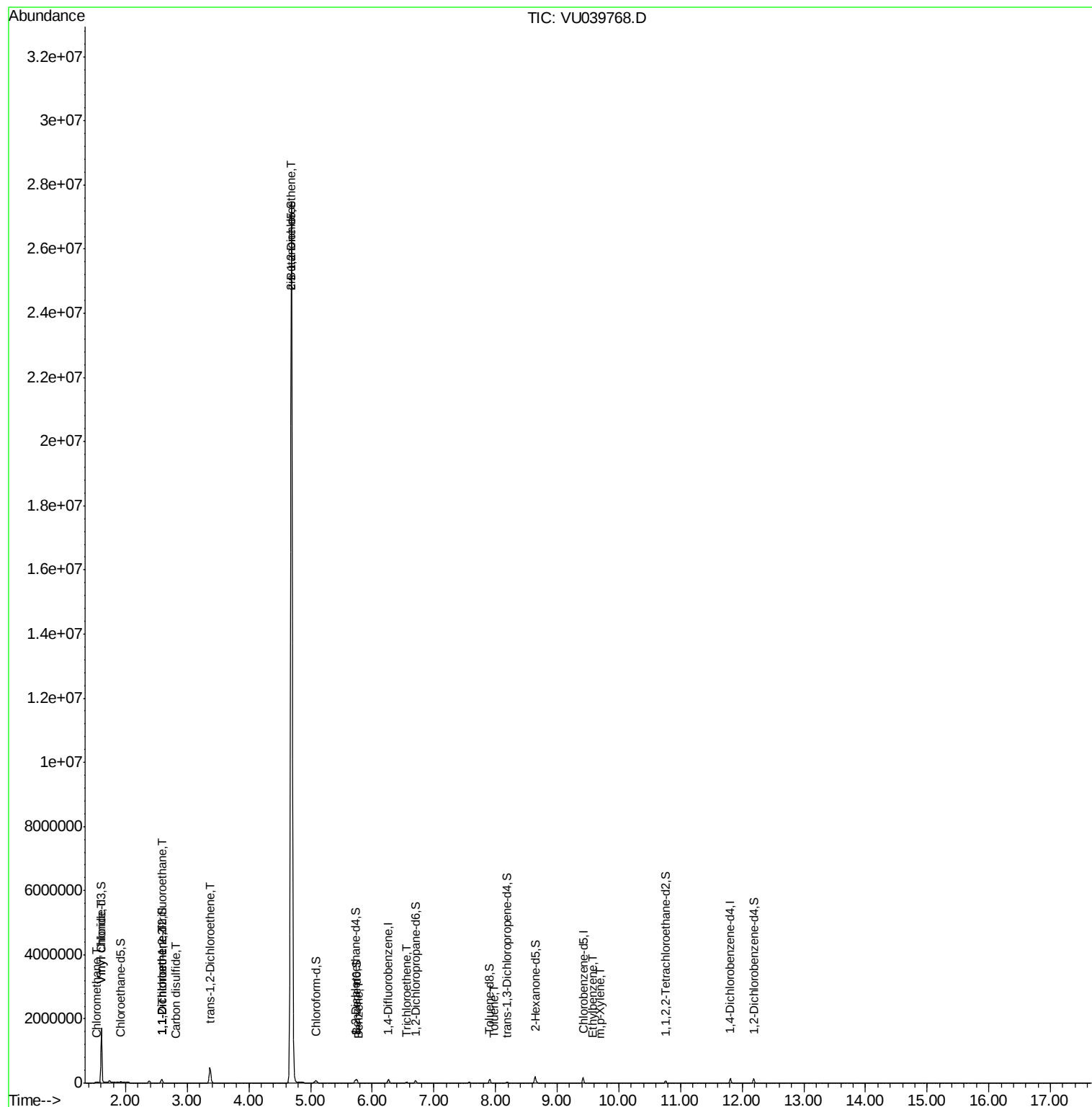
					Qvalue
3) Chloromethane	1.52	50	2428	0.312	ug/L 86
5) Vinyl chloride	1.61	62	1061040	142.340	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	18413	2.927	ug/L 95
12) 1,1-Dichloroethene	2.59	96	7781	1.423	ug/L # 61
14) Carbon disulfide	2.81	76	5512	0.322	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	201121	33.032	ug/L 95
22) cis-1,2-Dichloroethene	4.69	96	11371957	1717.199	ug/L # 75
33) Benzene	5.79	78	2052	0.087	ug/L 100
34) Trichloroethene	6.56	95	13605	2.212	ug/L 96
42) Toluene	7.98	91	5890	0.237	ug/L 89
52) Ethylbenzene	9.57	91	7546	0.271	ug/L 89
53) m,p-Xylene	9.70	106	2187	0.206	ug/L 80

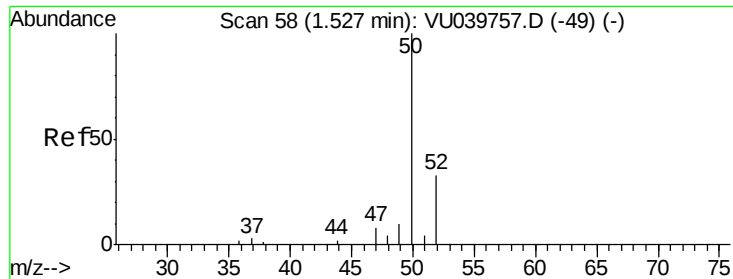
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.312 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU039768.D

Acq: 06 Aug 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

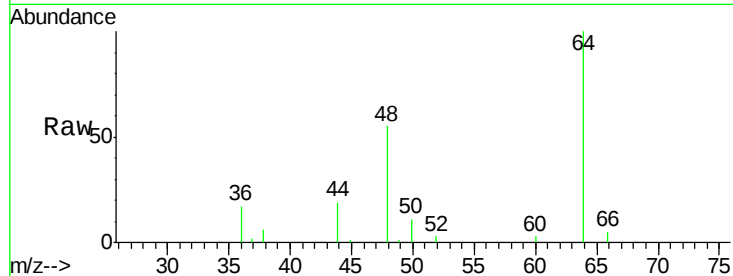
BFWP0

Tgt Ion: 50 Resp: 2428

Ion Ratio Lower Upper

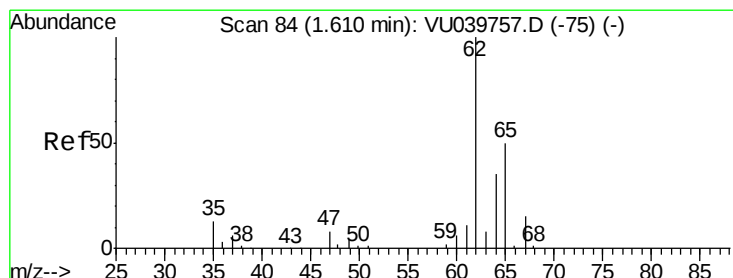
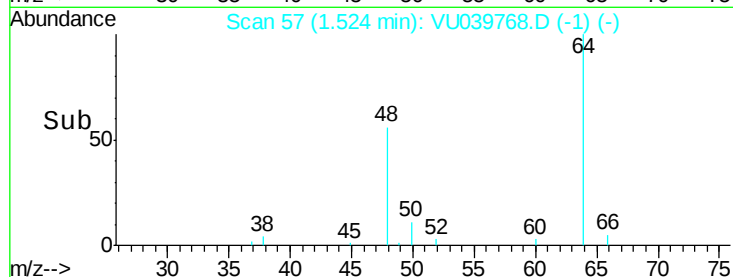
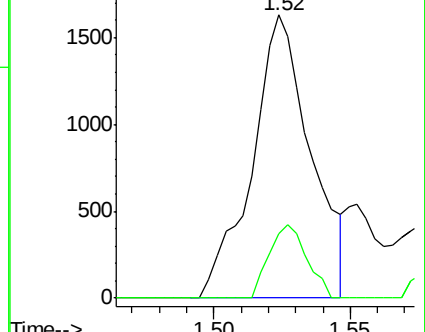
50 100

52 22.9 21.6 40.0



Abundance Ion 50.05 (49.75 to 50.75): VU039757.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU039757.D (-49) (-)



#5

Vinyl chloride

Concen: 142.340 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039768.D

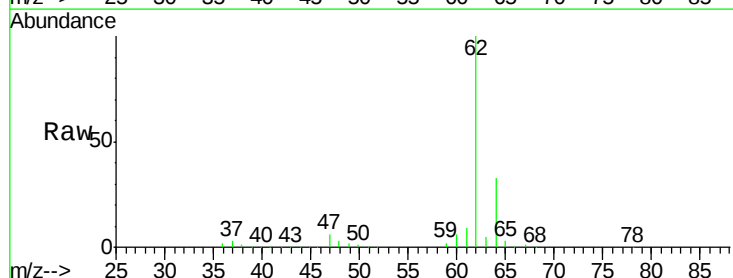
Acq: 06 Aug 2020 20:14

Tgt Ion: 62 Resp: 1061040

Ion Ratio Lower Upper

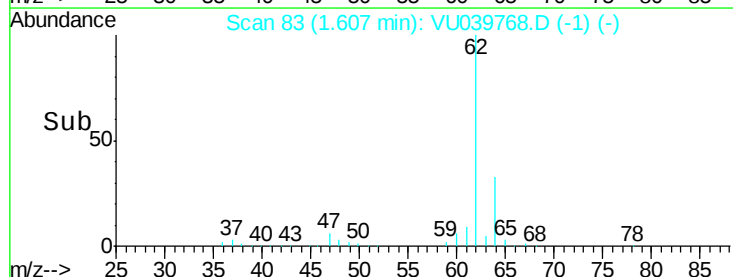
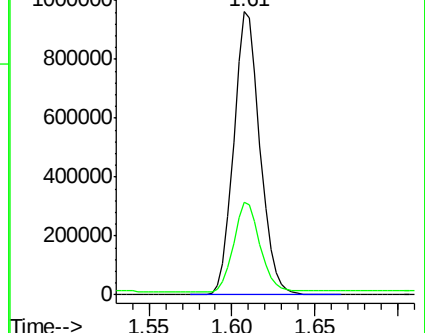
62 100

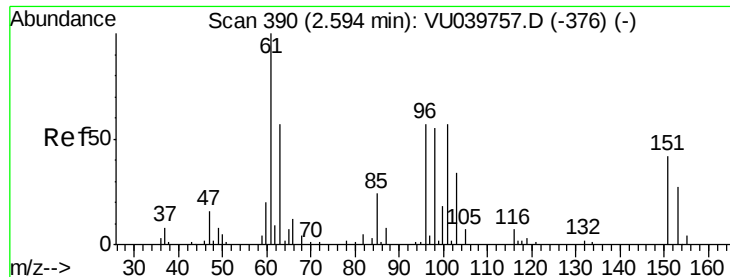
64 32.6 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039757.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039757.D (-75) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.927 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039768.D

Acq: 06 Aug 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

BFWP0

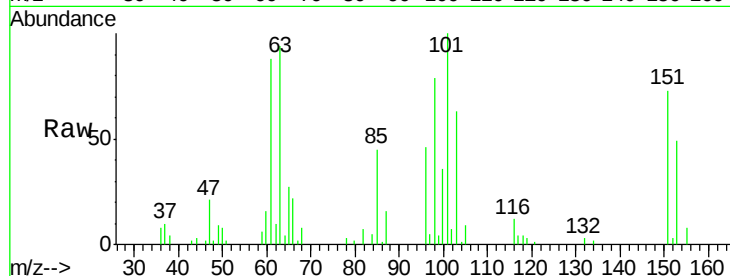
Tgt Ion: 101 Resp: 18413

Ion Ratio Lower Upper

101 100

85 45.1 37.9 56.9

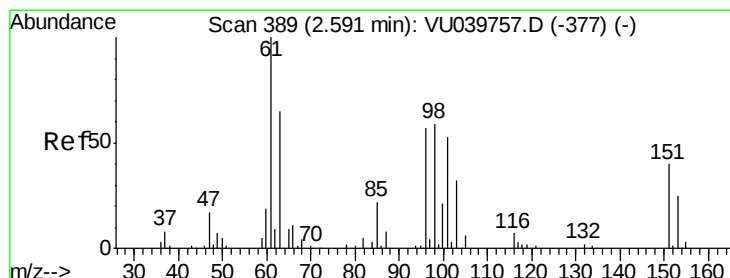
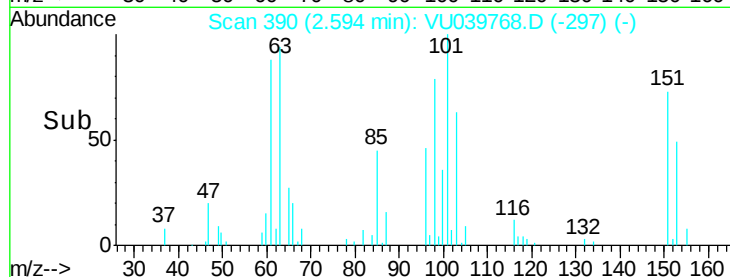
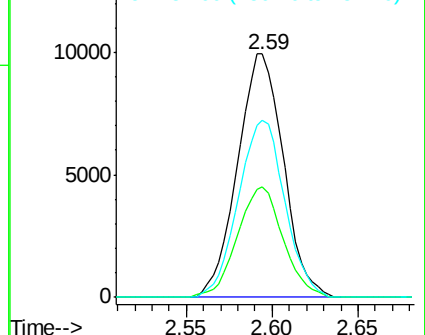
151 73.7 54.7 82.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.423 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039768.D

Acq: 06 Aug 2020 20:14

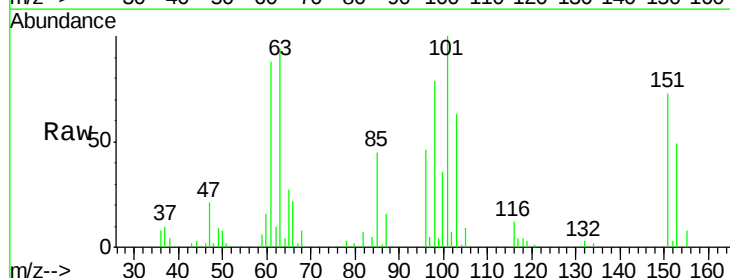
Tgt Ion: 96 Resp: 7781

Ion Ratio Lower Upper

96 100

61 190.4 121.7 225.9

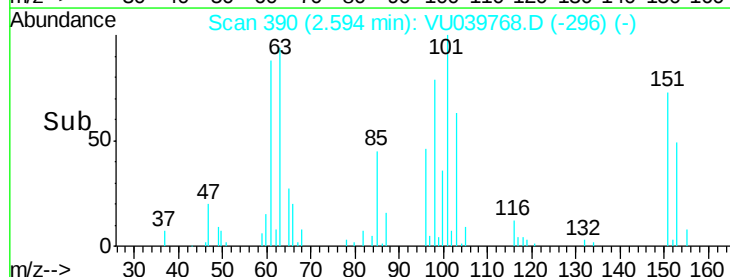
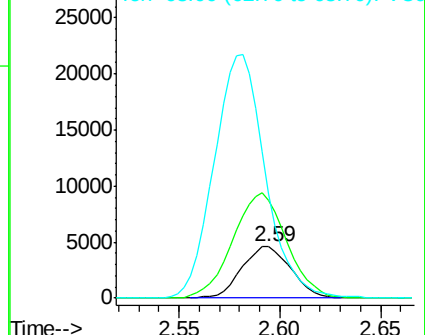
63 202.8 82.1 152.5#

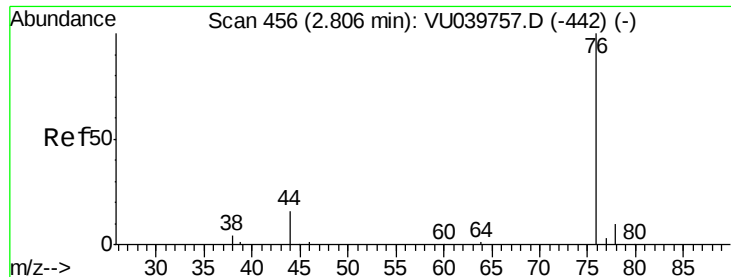


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#14

Carbon disulfide

Concen: 0.322 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU039768.D

Acq: 06 Aug 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

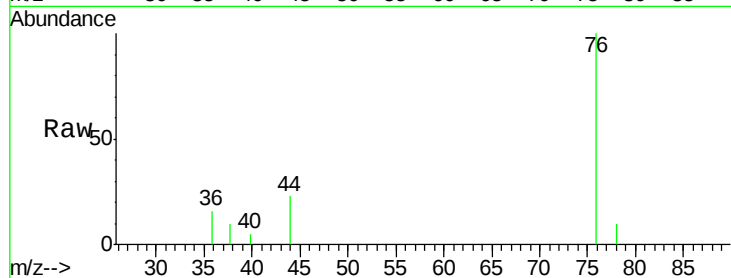
BFWP0

Tgt Ion: 76 Resp: 5512

Ion Ratio Lower Upper

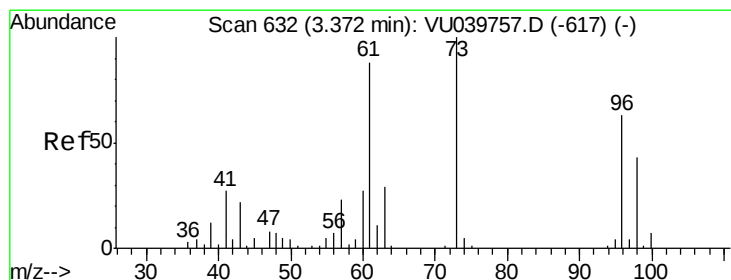
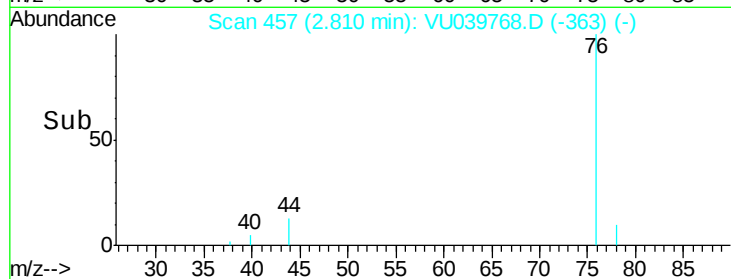
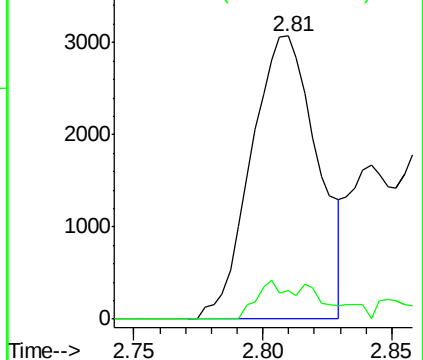
76 100

78 10.1 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039757.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039757.D (-442) (-)



#18

trans-1,2-Dichloroethene

Concen: 33.032 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039768.D

Acq: 06 Aug 2020 20:14

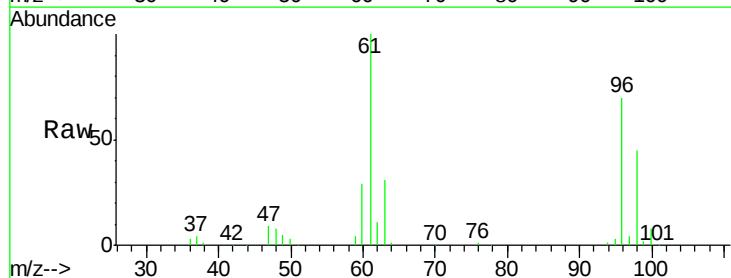
Tgt Ion: 96 Resp: 201121

Ion Ratio Lower Upper

96 100

61 142.2 96.5 179.1

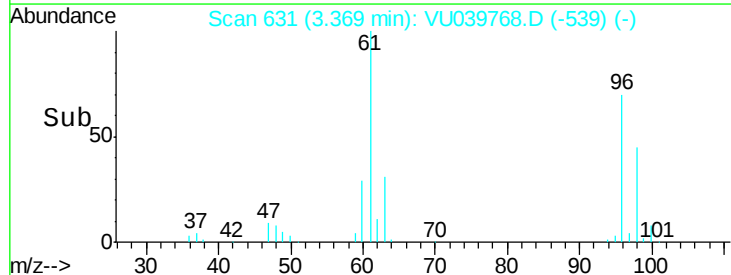
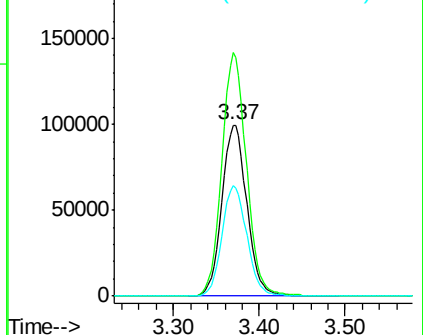
98 64.4 40.9 76.0

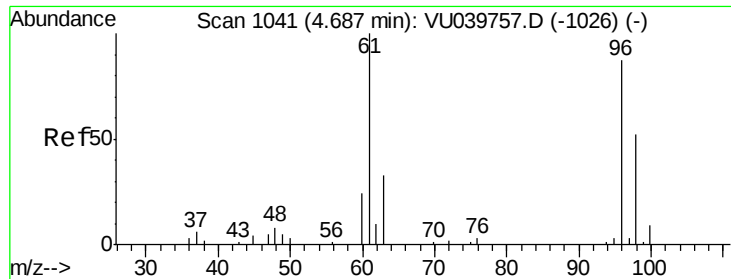


Abundance Ion 96.00 (95.70 to 96.70): VU039757.D (-617) (-)

Ion 61.05 (60.75 to 61.75): VU039757.D (-617) (-)

Ion 97.95 (97.65 to 98.65): VU039757.D (-617) (-)





#22

cis-1,2-Dichloroethene

Concen: 1717.199 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039768.D

Acq: 06 Aug 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

BFWP0

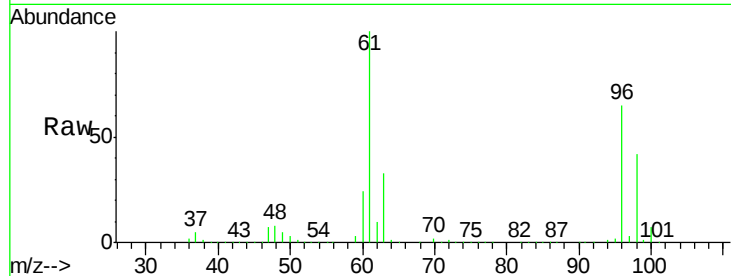
Tgt Ion: 96 Resp:11371957

Ion Ratio Lower Upper

96 100

61 153.6 87.4 162.2

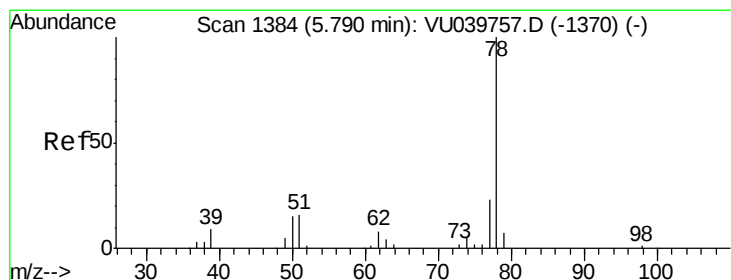
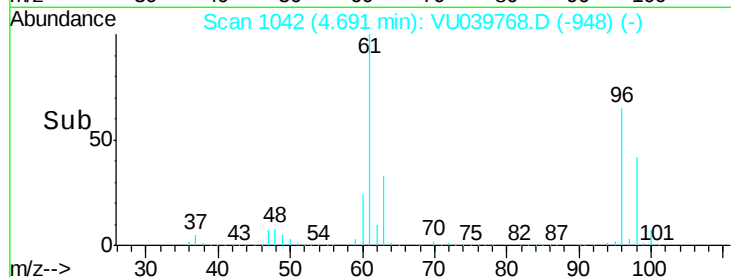
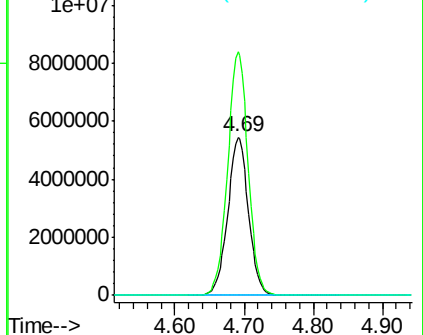
68 0.0 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU039757.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039757.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039757.D (-1026) (-)



#33

Benzene

Concen: 0.087 ug/L

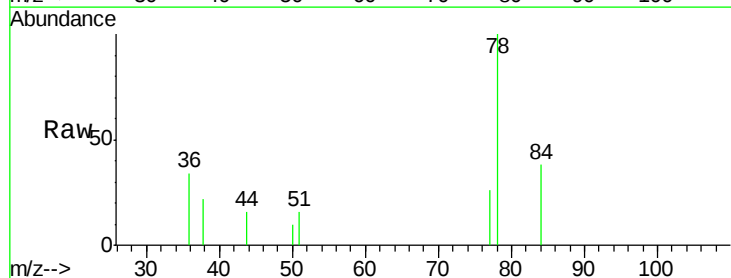
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

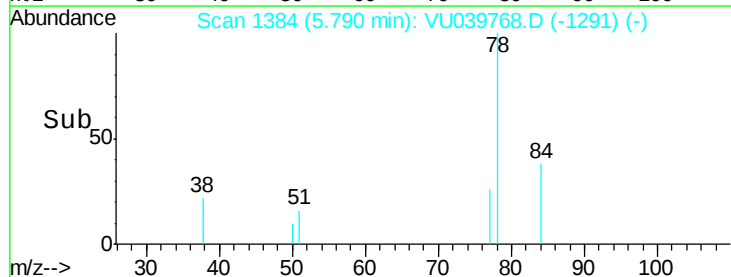
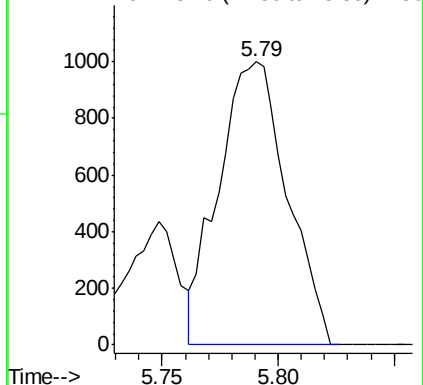
Lab File: VU039768.D

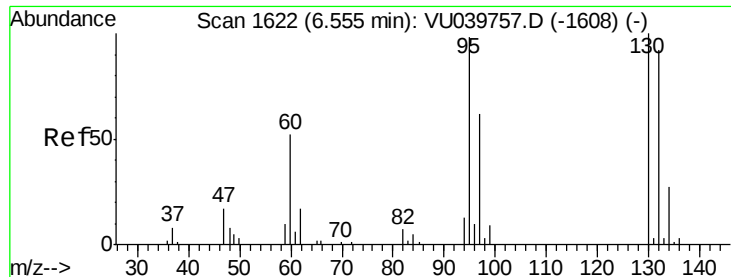
Acq: 06 Aug 2020 20:14

Tgt Ion: 78 Resp: 2052



Abundance Ion 78.10 (77.80 to 78.80): VU039757.D (-1370) (-)

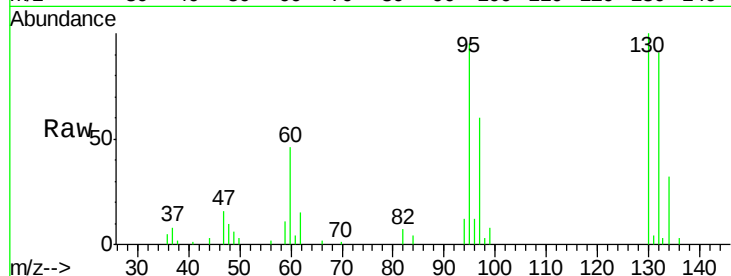




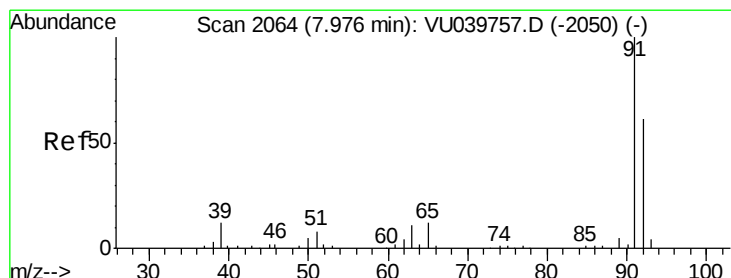
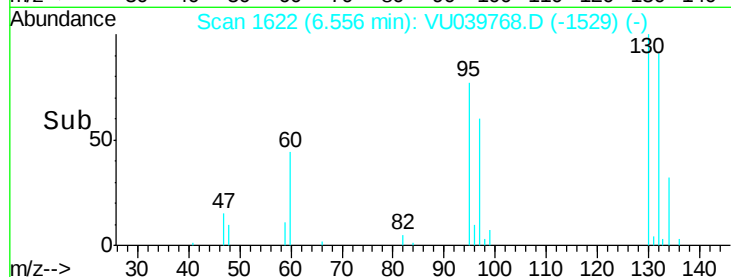
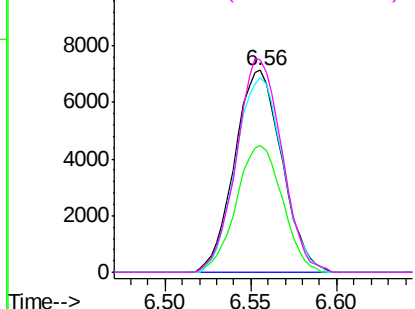
#34
 Trichloroethene
 Concen: 2.212 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039768.D
 Acq: 06 Aug 2020 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWP0

Tgt Ion: 95 Resp: 13605
 Ion Ratio Lower Upper
 95 100
 97 63.1 44.0 81.8
 132 96.1 71.7 133.3
 130 105.4 71.1 132.1

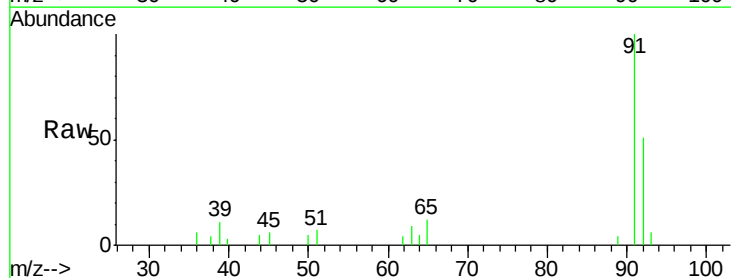


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

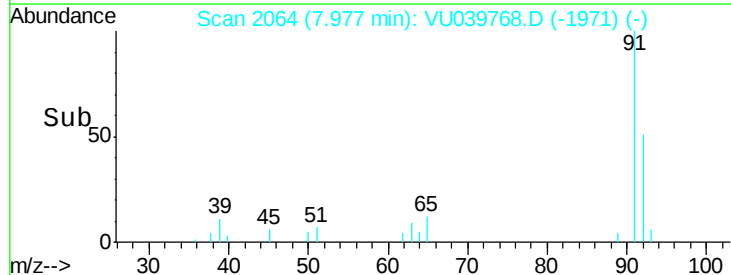
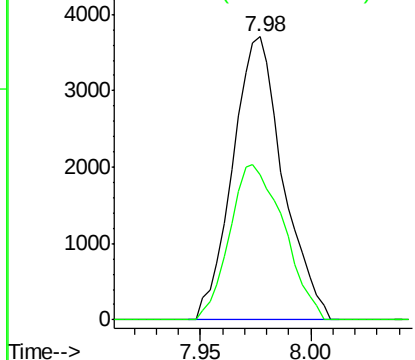


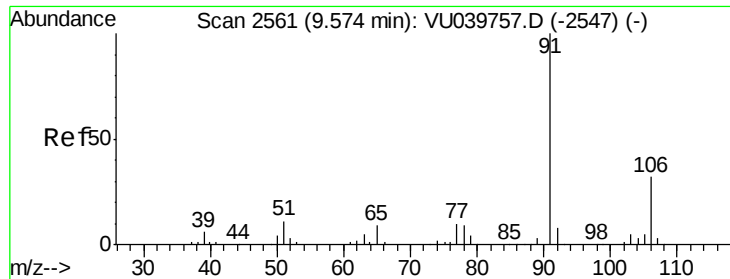
#42
 Toluene
 Concen: 0.237 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU039768.D
 Acq: 06 Aug 2020 20:14

Tgt Ion: 91 Resp: 5890
 Ion Ratio Lower Upper
 91 100
 92 51.2 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.271 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU039768.D

Acq: 06 Aug 2020 20:14

Instrument :

MSVOA_U

ClientSampled :

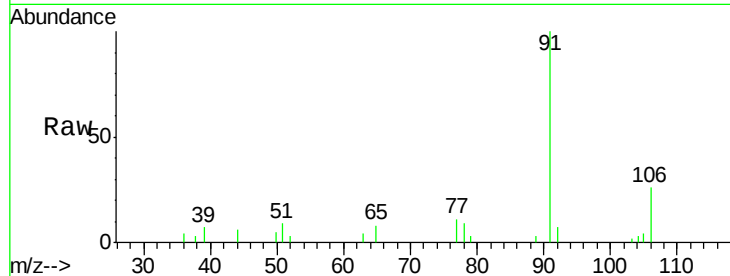
BFWP0

Tgt Ion: 91 Resp: 7546

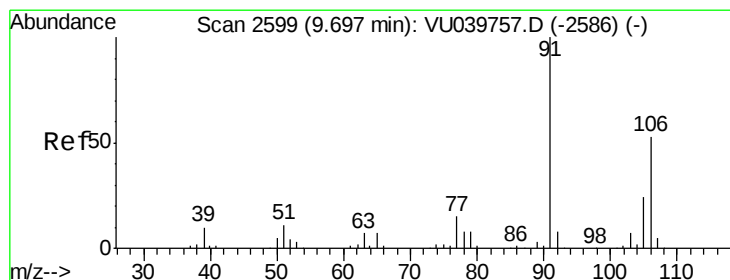
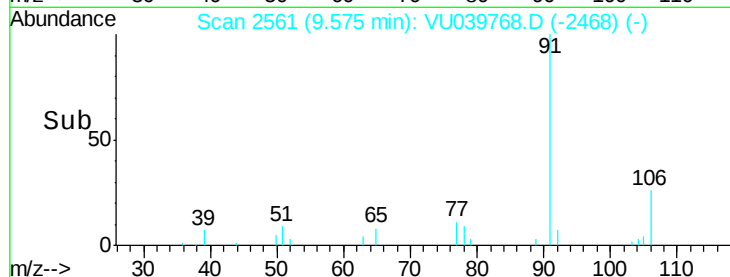
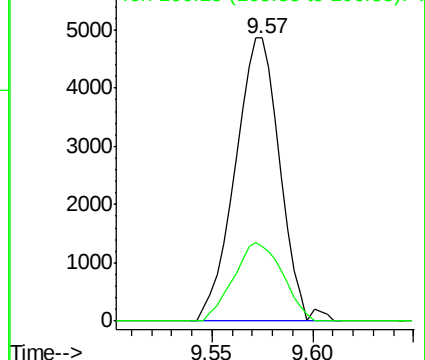
Ion Ratio Lower Upper

91 100

106 26.4 22.8 42.4



Abundance Ion 91.15 (90.85 to 91.85): VU039757.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.206 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039768.D

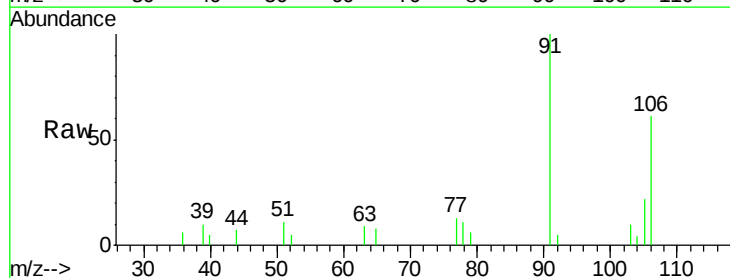
Acq: 06 Aug 2020 20:14

Tgt Ion: 106 Resp: 2187

Ion Ratio Lower Upper

106 100

91 163.7 135.5 251.7



Abundance Ion 106.15 (105.85 to 106.85): VU039757.D (-2586) (-)

