

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
 Data File : VU039772.D
 Acq On : 06 Aug 2020 21:50
 Operator : SY/MD
 Sample : L3590-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L23

Quant Time: Aug 07 05:36:12 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	83554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80501	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23597	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.92	69	22903	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	34890	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.66	46	71482	36.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.04%
24) Chloroform-d	5.08	84	53503	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	32391	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.74	84	98889	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.70	67	34236	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.91	98	78987	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.19	79	11267	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	66891	49.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30188	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	37242	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

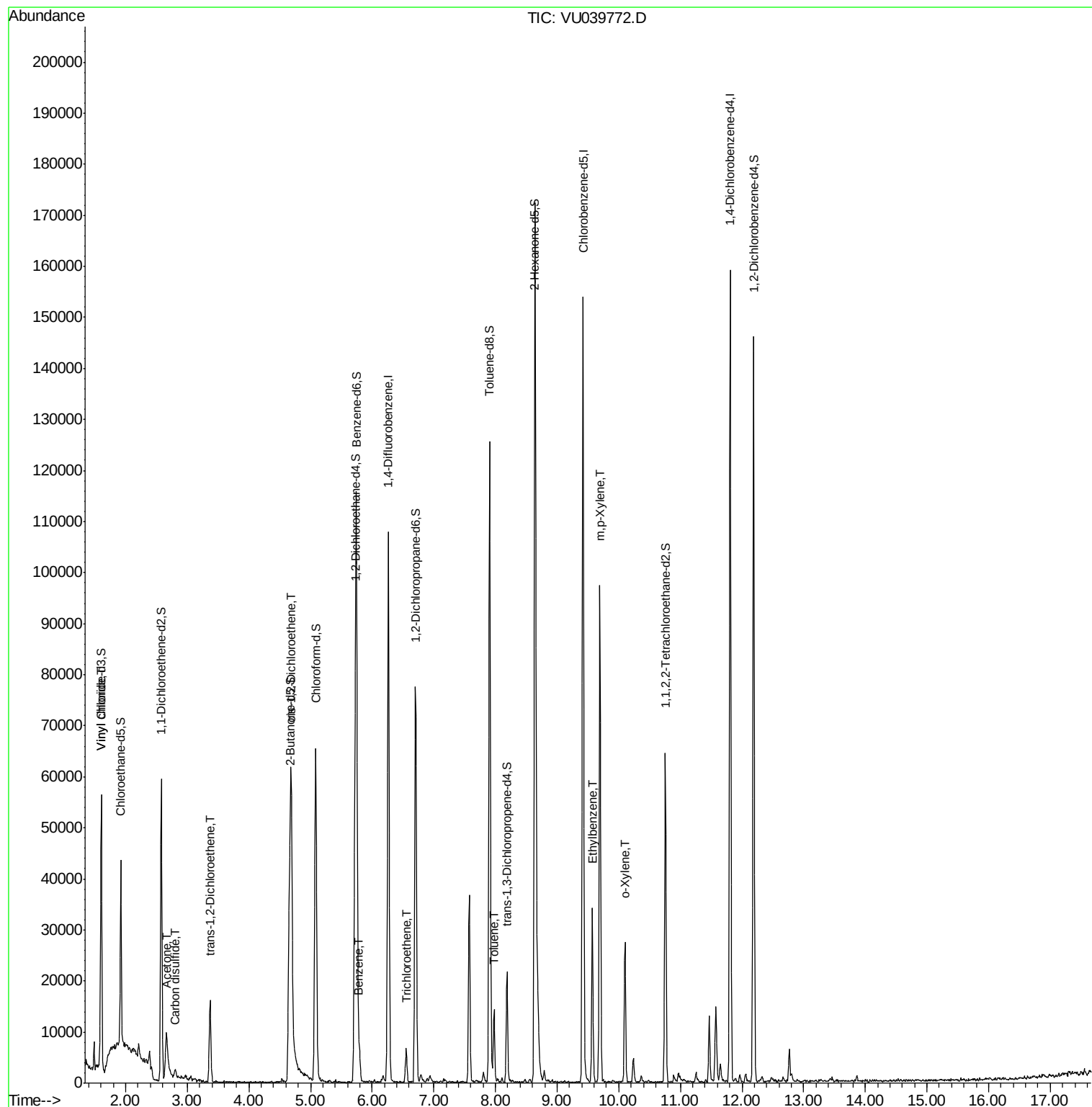
					Qvalue
5) Vinyl chloride	1.61	62	12169	1.791 ug/L	96
13) Acetone	2.66	43	16488	14.094 ug/L	99
14) Carbon disulfide	2.80	76	2372	0.152 ug/L #	74
18) trans-1,2-Dichloroethene	3.37	96	6545	1.180 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	22877	3.791 ug/L	97
33) Benzene	5.79	78	6703	0.306 ug/L	100
34) Trichloroethene	6.55	95	1680	0.295 ug/L	90
42) Toluene	7.98	91	9558	0.415 ug/L	97
52) Ethylbenzene	9.57	91	22588	0.876 ug/L	96
53) m,p-Xylene	9.69	106	26945	2.743 ug/L	98
54) o-Xylene	10.10	106	6755	0.702 ug/L	91

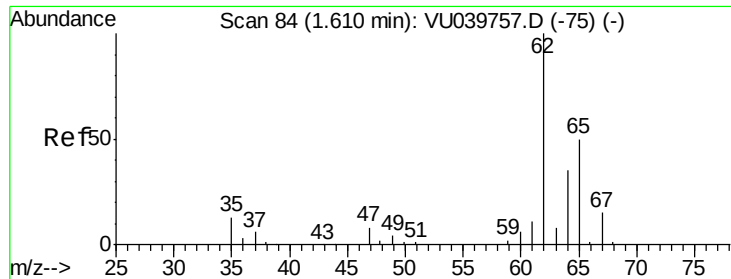
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 1.791 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039772.D

Acq: 06 Aug 2020 21:50

Instrument :

MSVOA_U

ClientSampleId :

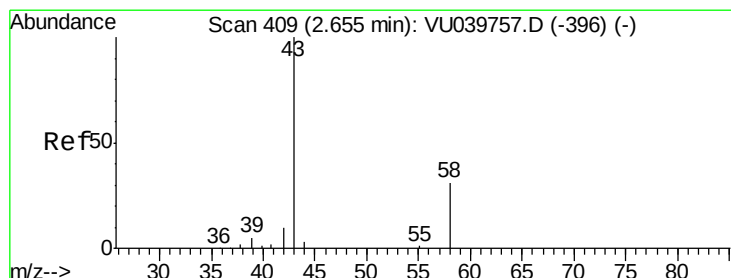
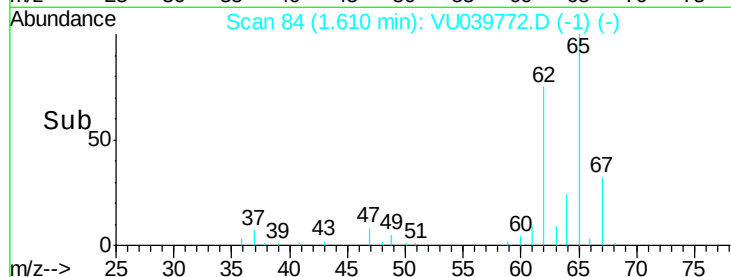
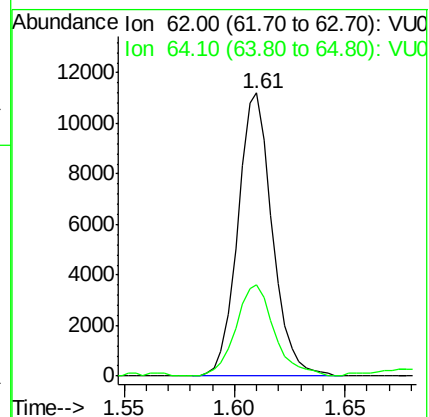
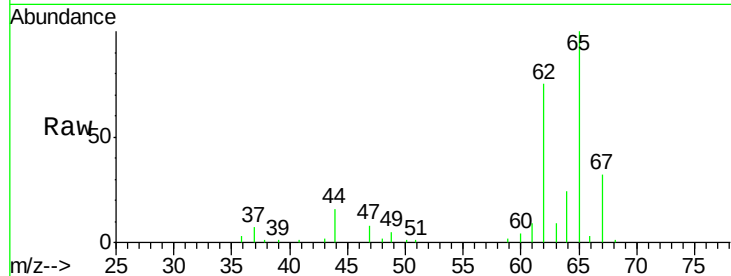
F4L23

Tgt Ion: 62 Resp: 12169

Ion Ratio Lower Upper

62 100

64 32.2 24.1 44.7



#13

Acetone

Concen: 14.094 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU039772.D

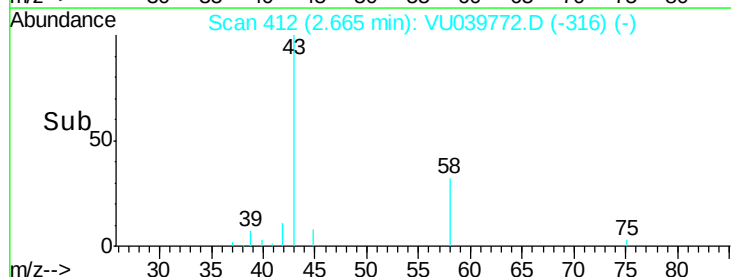
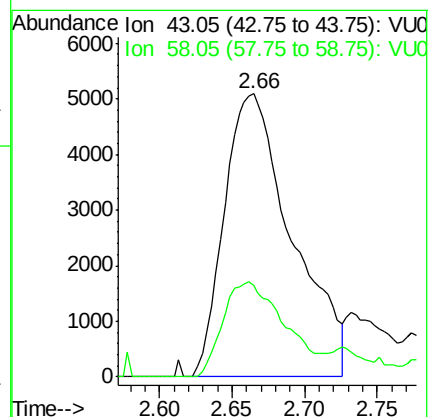
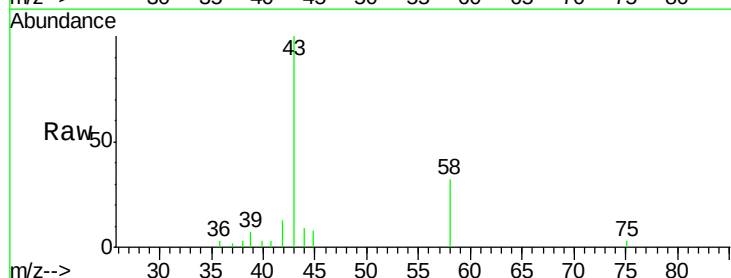
Acq: 06 Aug 2020 21:50

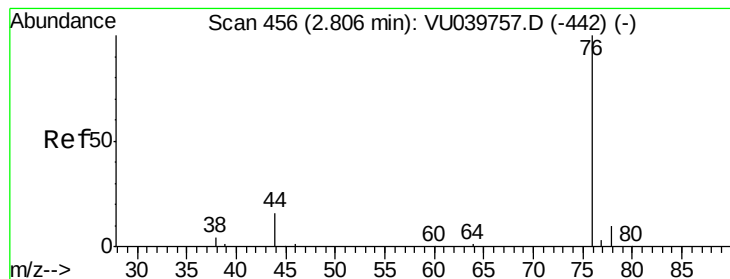
Tgt Ion: 43 Resp: 16488

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.8





#14

Carbon disulfide

Concen: 0.152 ug/L

RT: 2.80 min Scan# 454

Delta R.T. -0.01 min

Lab File: VU039772.D

Acq: 06 Aug 2020 21:50

Instrument :

MSVOA_U

ClientSampled :

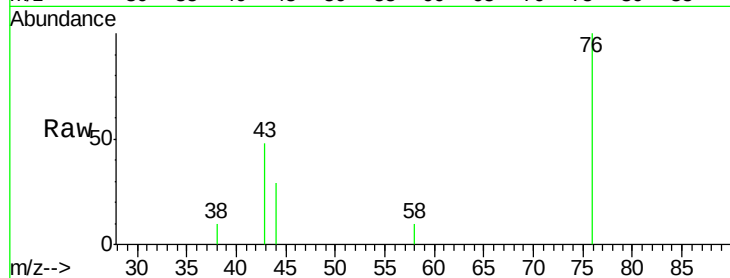
F4L23

Tgt Ion: 76 Resp: 2372

Ion Ratio Lower Upper

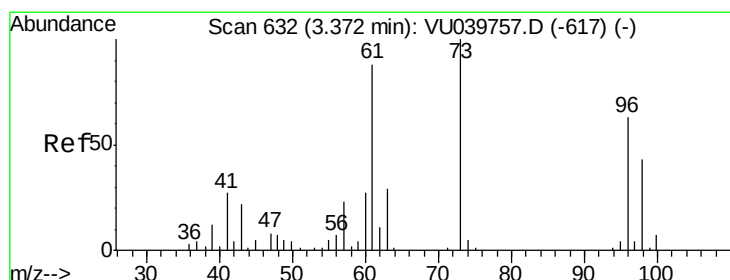
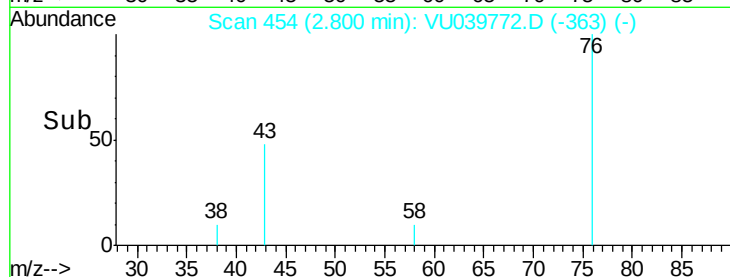
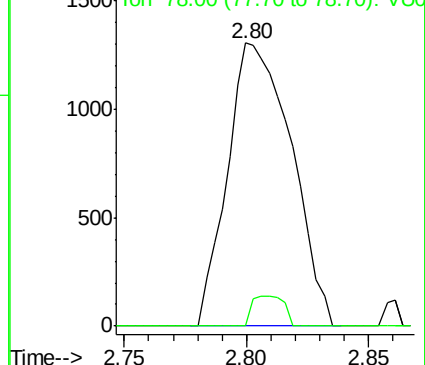
76 100

78 0.0 7.8 11.6#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#18

trans-1,2-Dichloroethene

Concen: 1.180 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039772.D

Acq: 06 Aug 2020 21:50

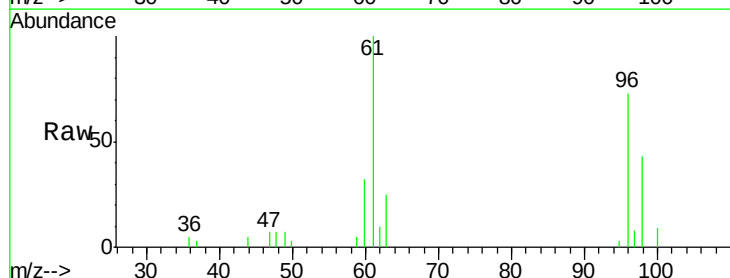
Tgt Ion: 96 Resp: 6545

Ion Ratio Lower Upper

96 100

61 137.8 96.5 179.1

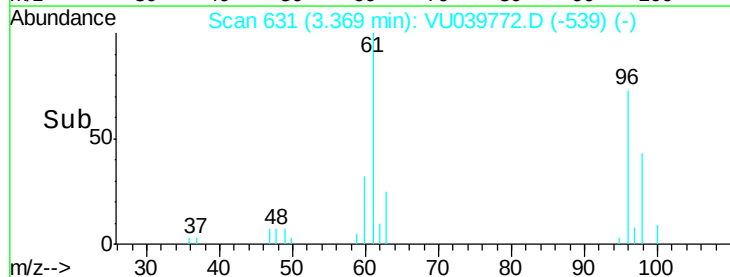
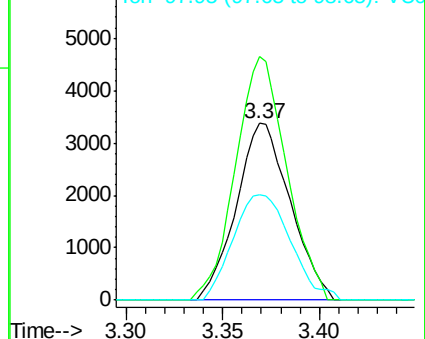
98 59.3 40.9 76.0

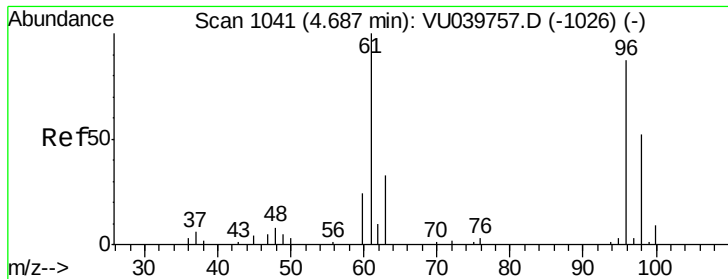


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 3.791 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039772.D

Acq: 06 Aug 2020 21:50

Instrument :

MSVOA_U

ClientSampleId :

F4L23

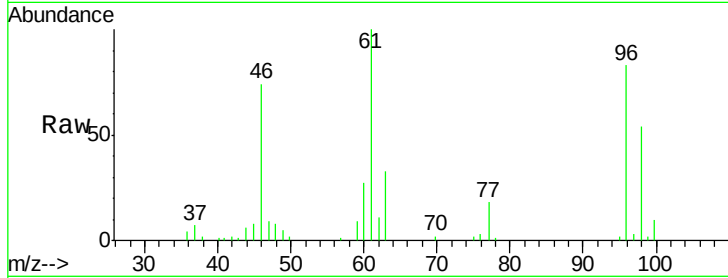
Tgt Ion: 96 Resp: 22877

Ion Ratio Lower Upper

96 100

61 121.2 87.4 162.2

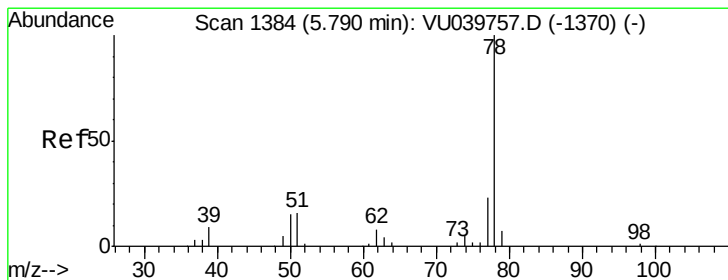
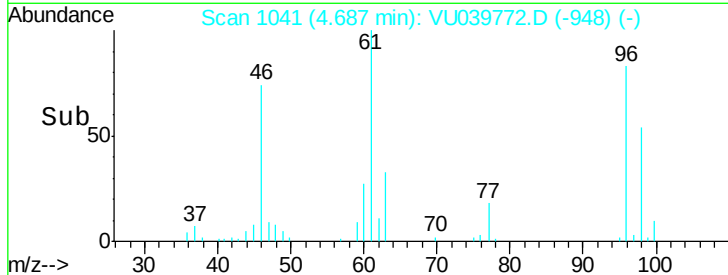
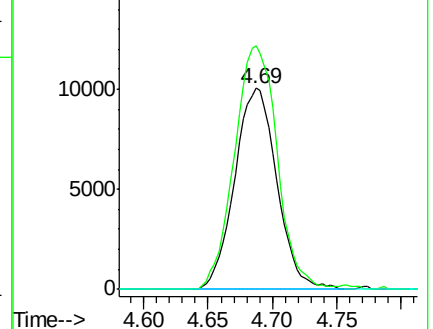
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039772.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU039772.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU039772.D (-948) (-)



#33

Benzene

Concen: 0.306 ug/L

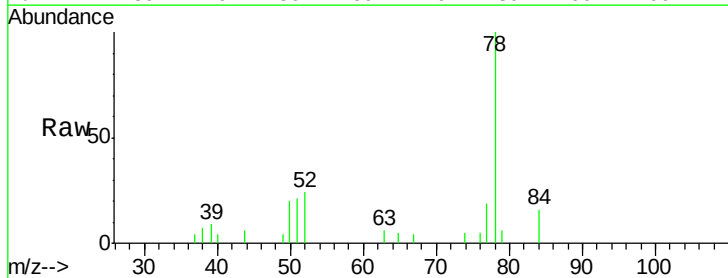
RT: 5.79 min Scan# 1385

Delta R.T. 0.00 min

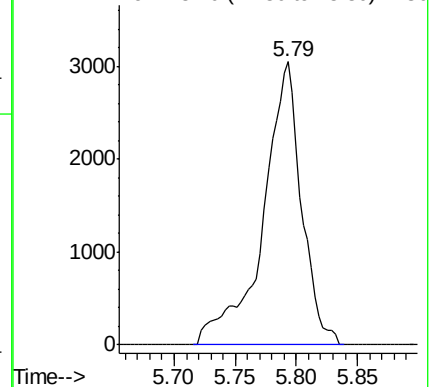
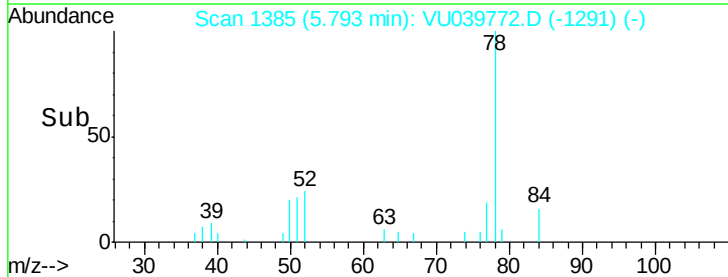
Lab File: VU039772.D

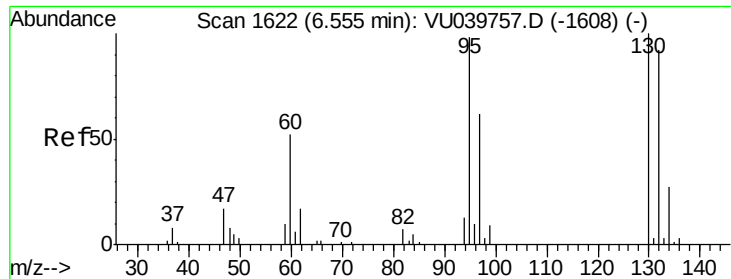
Acq: 06 Aug 2020 21:50

Tgt Ion: 78 Resp: 6703



Abundance Ion 78.10 (77.80 to 78.80): VU039772.D (-1291) (-)

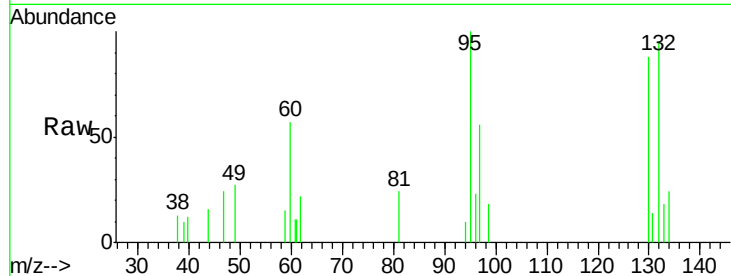




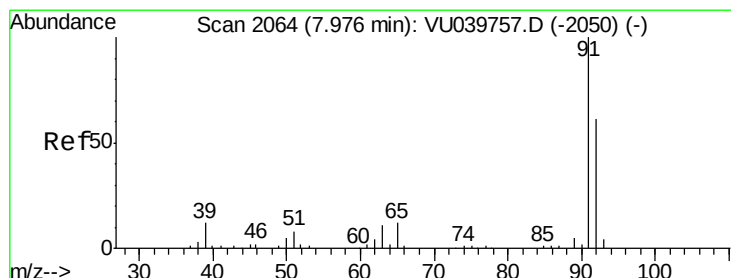
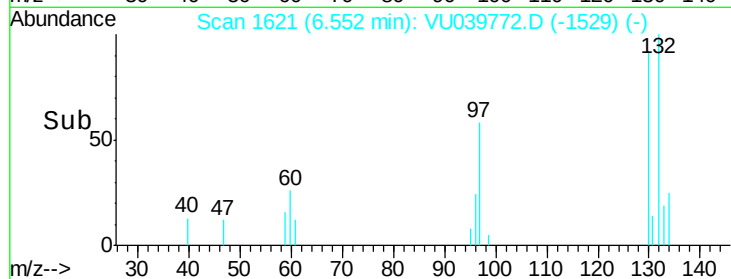
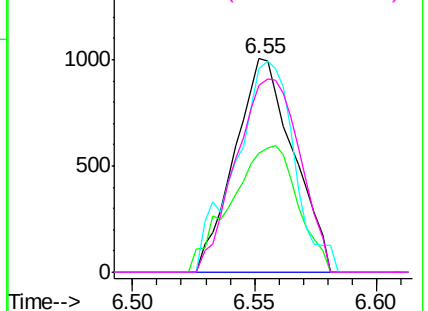
#34
 Trichloroethene
 Concen: 0.295 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039772.D
 Acq: 06 Aug 2020 21:50

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L23

Tgt Ion: 95 Resp: 1680
 Ion Ratio Lower Upper
 95 100
 97 55.5 44.0 81.8
 132 95.1 71.7 133.3
 130 87.6 71.1 132.1

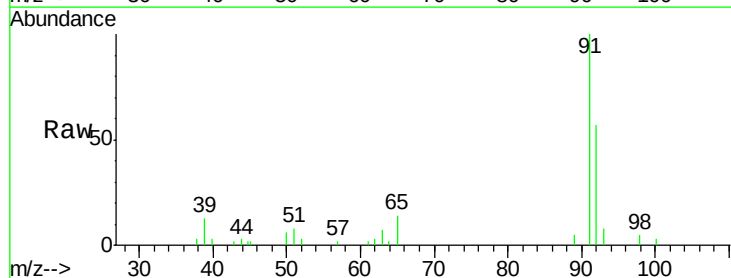


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

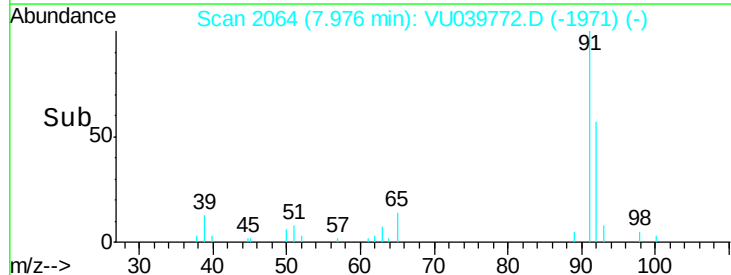
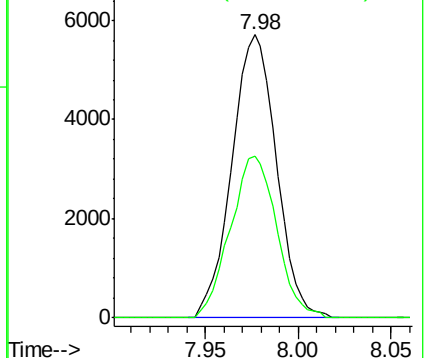


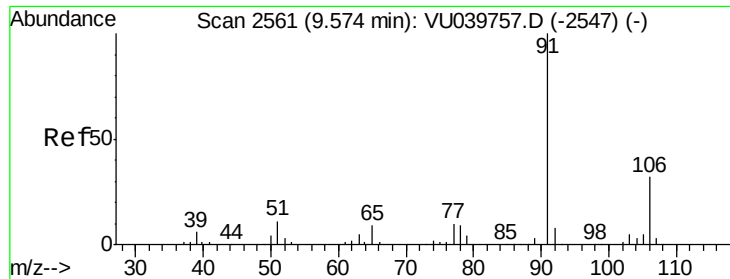
#42
 Toluene
 Concen: 0.415 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VU039772.D
 Acq: 06 Aug 2020 21:50

Tgt Ion: 91 Resp: 9558
 Ion Ratio Lower Upper
 91 100
 92 57.3 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: 0.876 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039772.D

Acq: 06 Aug 2020 21:50

Instrument :

MSVOA_U

ClientSampleId :

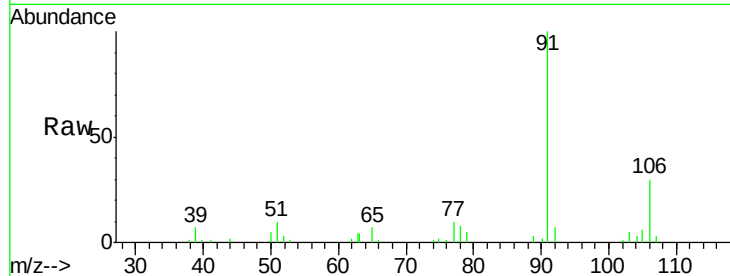
F4L23

Tgt Ion: 91 Resp: 22588

Ion Ratio Lower Upper

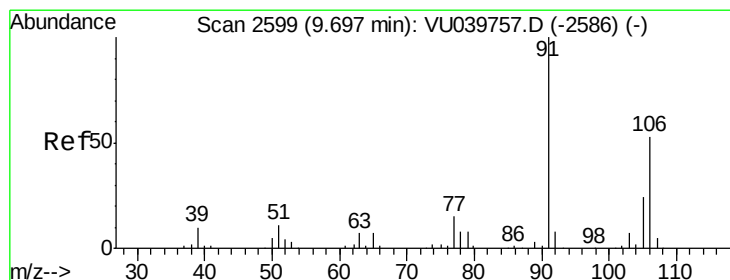
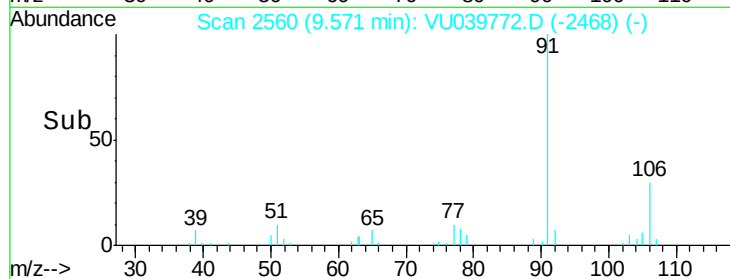
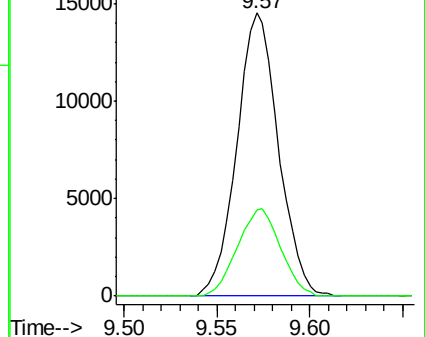
91 100

106 30.4 22.8 42.4



Abundance Ion 91.15 (90.85 to 91.85): VU039772.D (-2547) (-)

Ion 106.15 (105.85 to 106.85): VU039772.D (-2547) (-)



#53

m,p-Xylene

Concen: 2.743 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039772.D

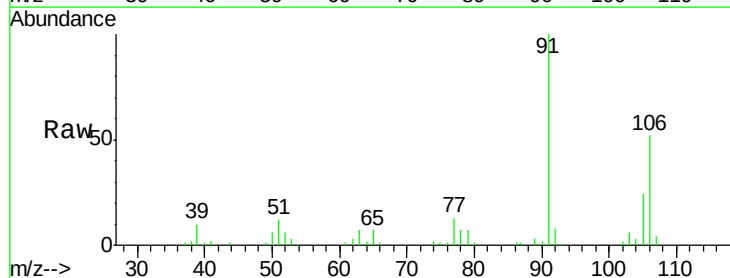
Acq: 06 Aug 2020 21:50

Tgt Ion: 106 Resp: 26945

Ion Ratio Lower Upper

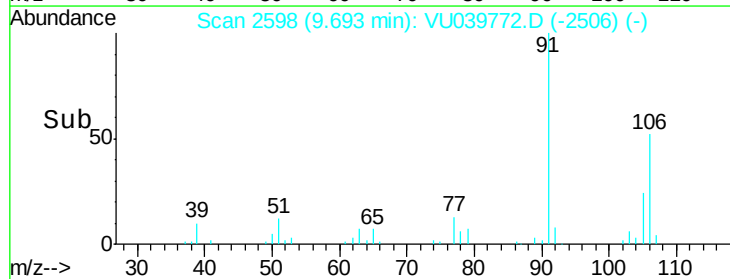
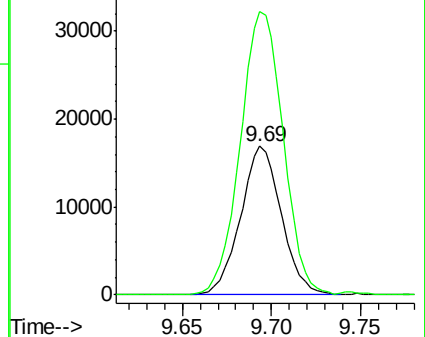
106 100

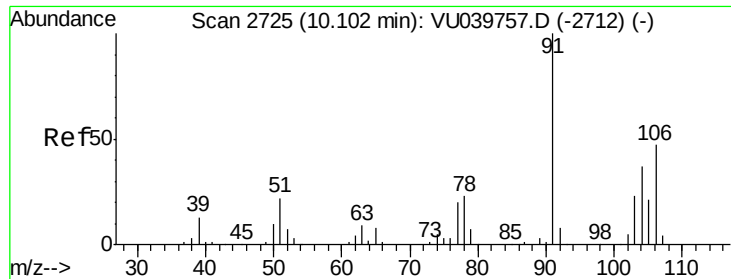
91 190.8 135.5 251.7



Abundance Ion 106.15 (105.85 to 106.85): VU039772.D (-2598) (-)

Ion 91.15 (90.85 to 91.85): VU039772.D (-2598) (-)





#54
o-Xylene
Concen: 0.702 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039772.D
Acq: 06 Aug 2020 21:50

Instrument :
MSVOA_U
ClientSampleId :
F4L23

Tgt Ion:106 Resp: 6755
Ion Ratio Lower Upper
106 100
91 215.6 140.8 261.6

