

Data File : VU039872.D
Acq On : 14 Aug 2020 20:32
Operator : SY/MD
Sample : L3517-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M03

Quant Time: Aug 17 06:02:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35941	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18073	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.92	69	18924	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	26627	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.66	46	78286	47.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.70%
24) Chloroform-d	5.08	84	44071	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	26692	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.75	84	80571	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	27747	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.91	98	64282	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.19	79	11000	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	59068	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26375	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31848	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

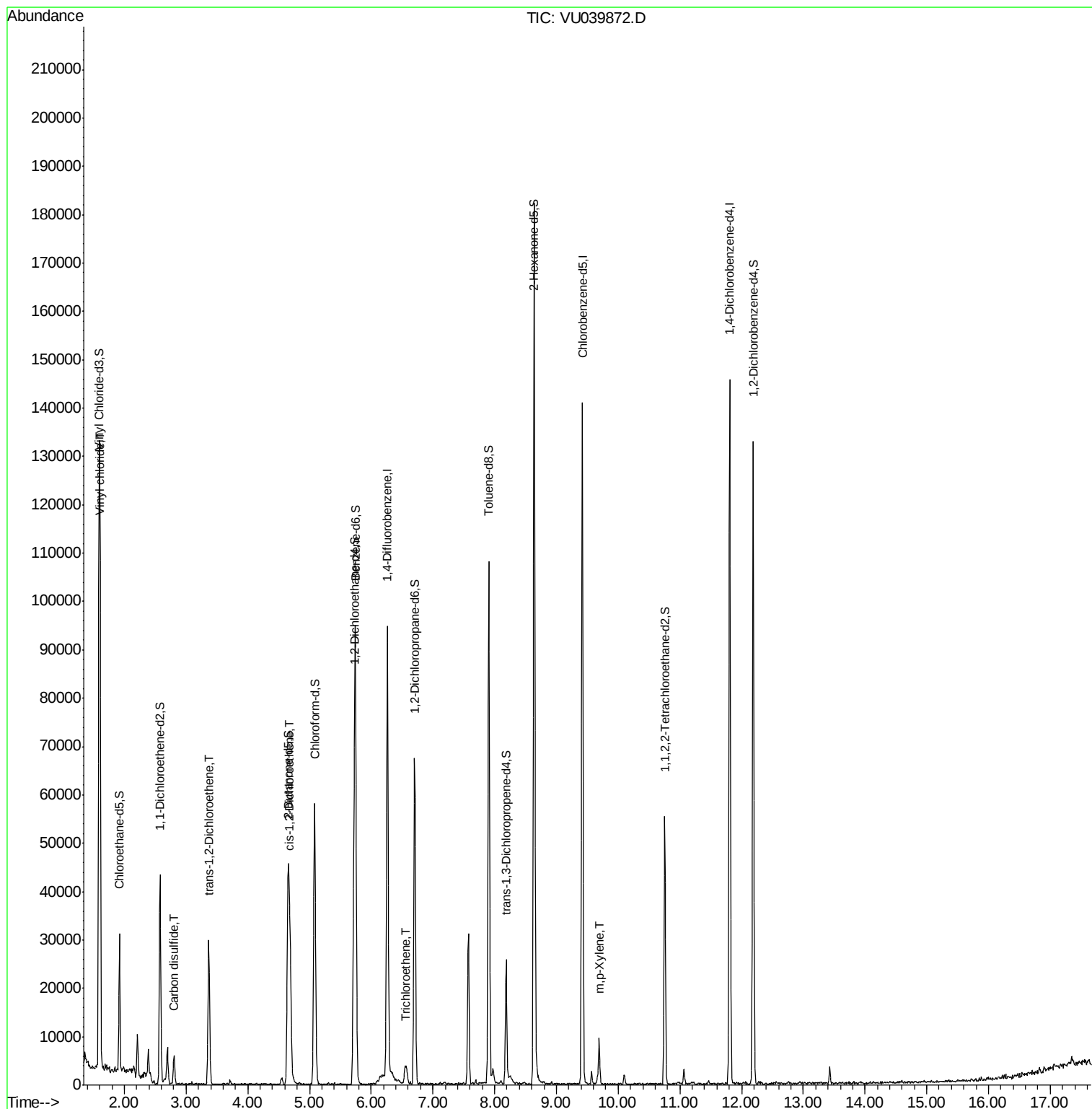
					Qvalue
5) Vinyl chloride	1.61	62	47320	8.361	ug/L 97
14) Carbon disulfide	2.81	76	7700	0.593	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	11771	2.546	ug/L 90
22) cis-1,2-Dichloroethene	4.68	96	8009	1.593	ug/L 97
34) Trichloroethene	6.55	95	1157	0.225	ug/L 87
53) m,p-Xylene	9.69	106	2639	0.298	ug/L 91

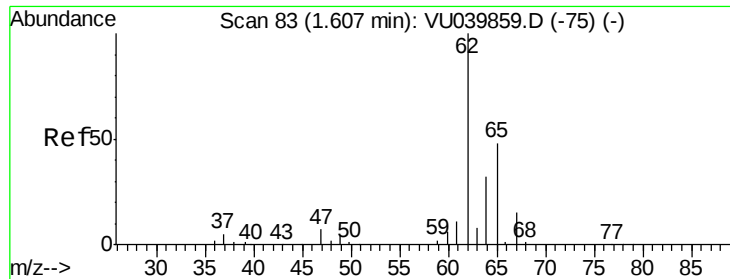
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU039872.D
Acq On : 14 Aug 2020 20:32
Operator : SY/MD
Sample : L3517-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M03

Quant Time: Aug 17 06:02:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.361 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039872.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_U

ClientSampleId :

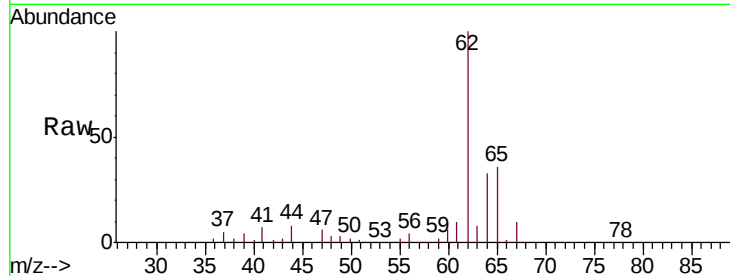
F4M03

Tgt Ion: 62 Resp: 47320

Ion Ratio Lower Upper

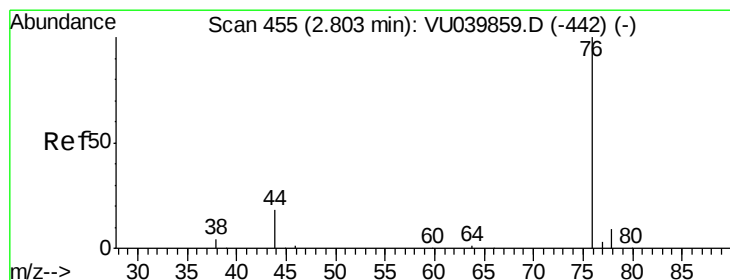
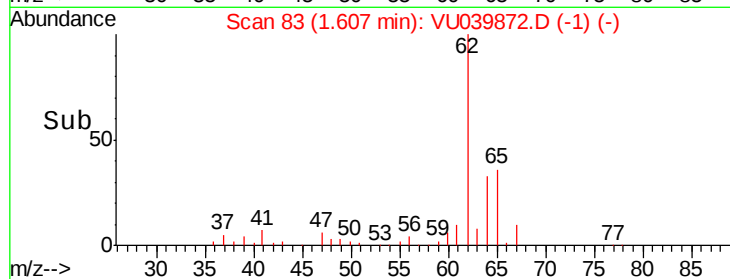
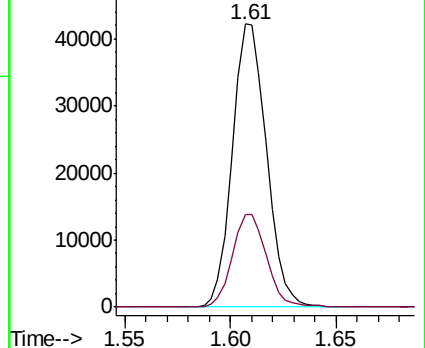
62 100

64 32.6 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#14

Carbon disulfide

Concen: 0.593 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039872.D

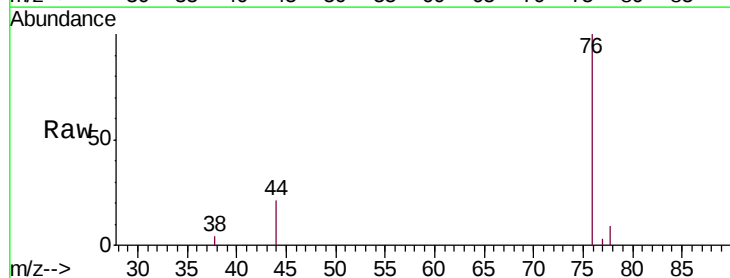
Acq: 14 Aug 2020 20:32

Tgt Ion: 76 Resp: 7700

Ion Ratio Lower Upper

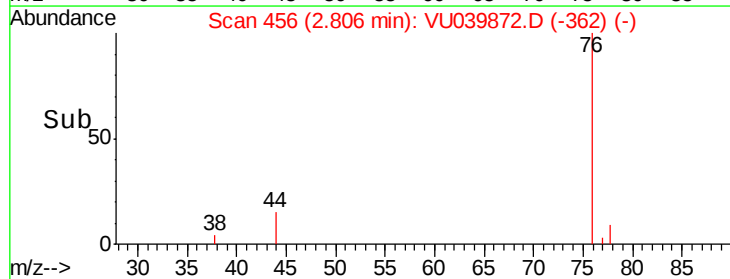
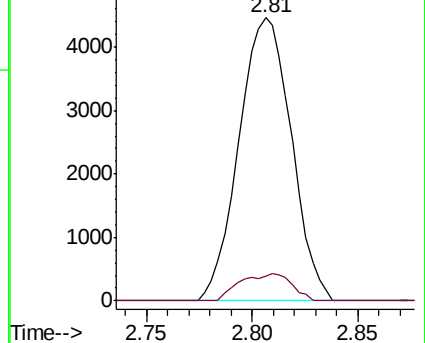
76 100

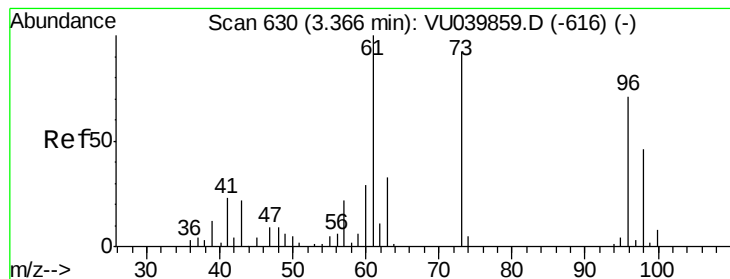
78 8.8 7.8 11.6



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: 2.546 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU039872.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_U

ClientSampleId :

F4M03

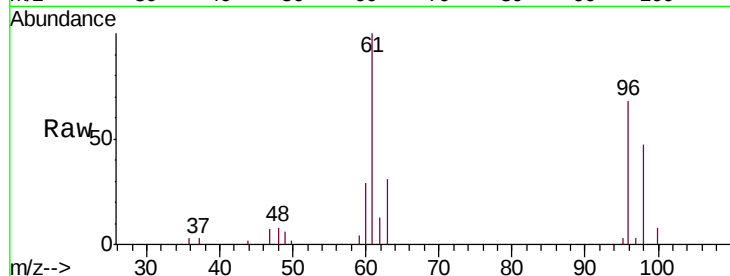
Tgt Ion: 96 Resp: 11771

Ion Ratio Lower Upper

96 100

61 147.3 96.5 179.1

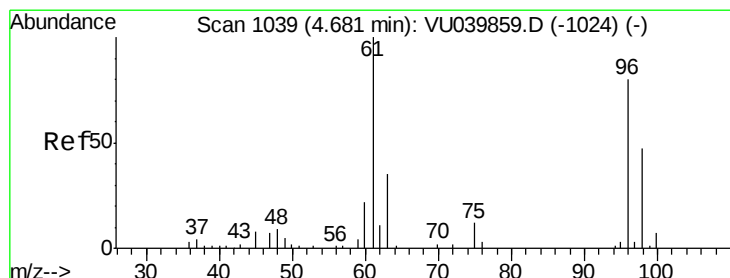
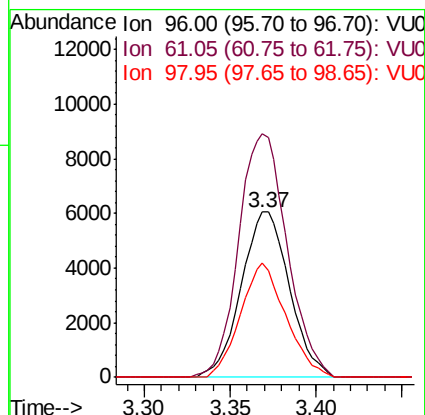
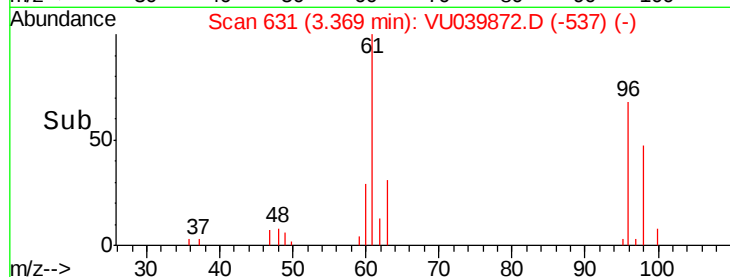
98 69.0 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039872.D (-537) (-)

Ion 61.05 (60.75 to 61.75): VU039872.D (-537) (-)

Ion 97.95 (97.65 to 98.65): VU039872.D (-537) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.593 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU039872.D

Acq: 14 Aug 2020 20:32

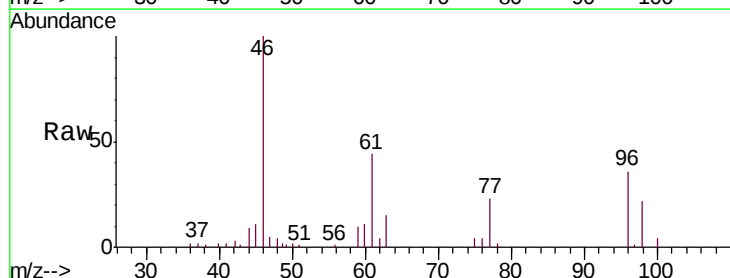
Tgt Ion: 96 Resp: 8009

Ion Ratio Lower Upper

96 100

61 121.0 87.4 162.2

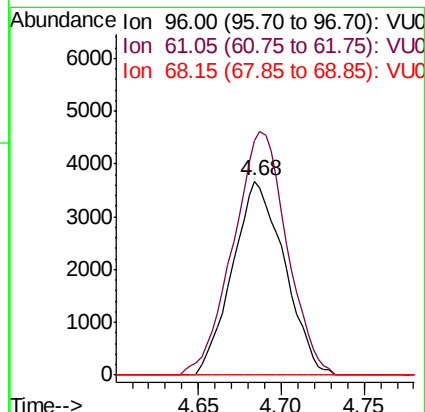
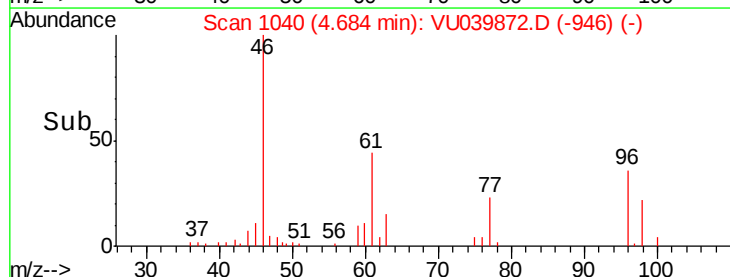
68 0.0 0.0 0.0

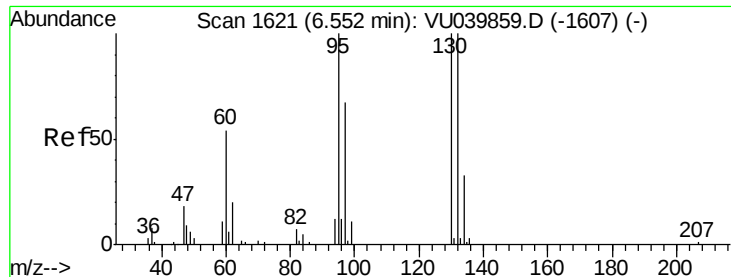


Abundance Ion 96.00 (95.70 to 96.70): VU039872.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU039872.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU039872.D (-946) (-)





#34

Trichloroethene

Concen: 0.225 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU039872.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_U

ClientSampleId :

F4M03

Tgt Ion: 95 Resp: 1157

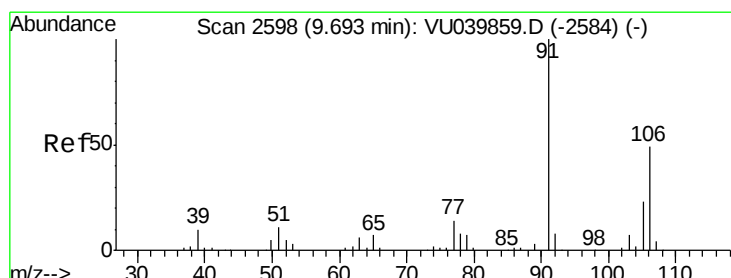
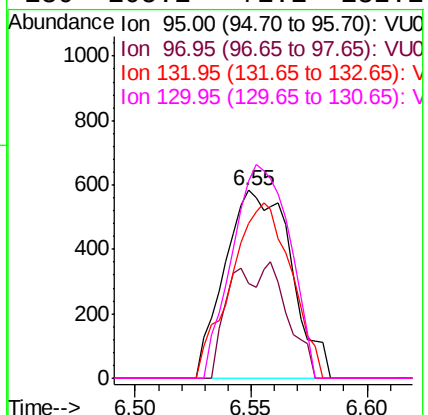
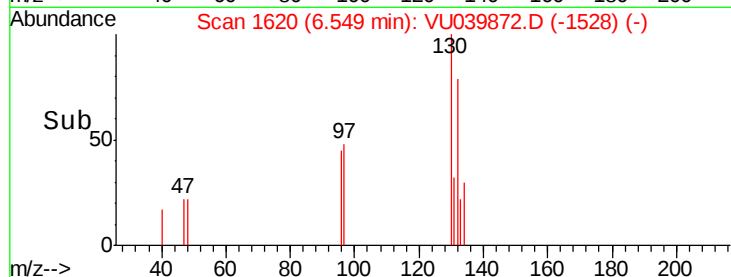
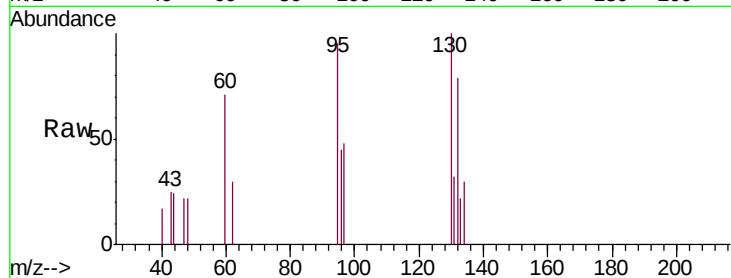
Ion Ratio Lower Upper

95 100

97 50.4 44.0 81.8

132 82.7 71.7 133.3

130 105.1 71.1 132.1



#53

m,p-Xylene

Concen: 0.298 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039872.D

Acq: 14 Aug 2020 20:32

Tgt Ion: 106 Resp: 2639

Ion Ratio Lower Upper

106 100

91 180.9 135.5 251.7

