

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
 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 :

Quant Time: Aug 17 05:26:37 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

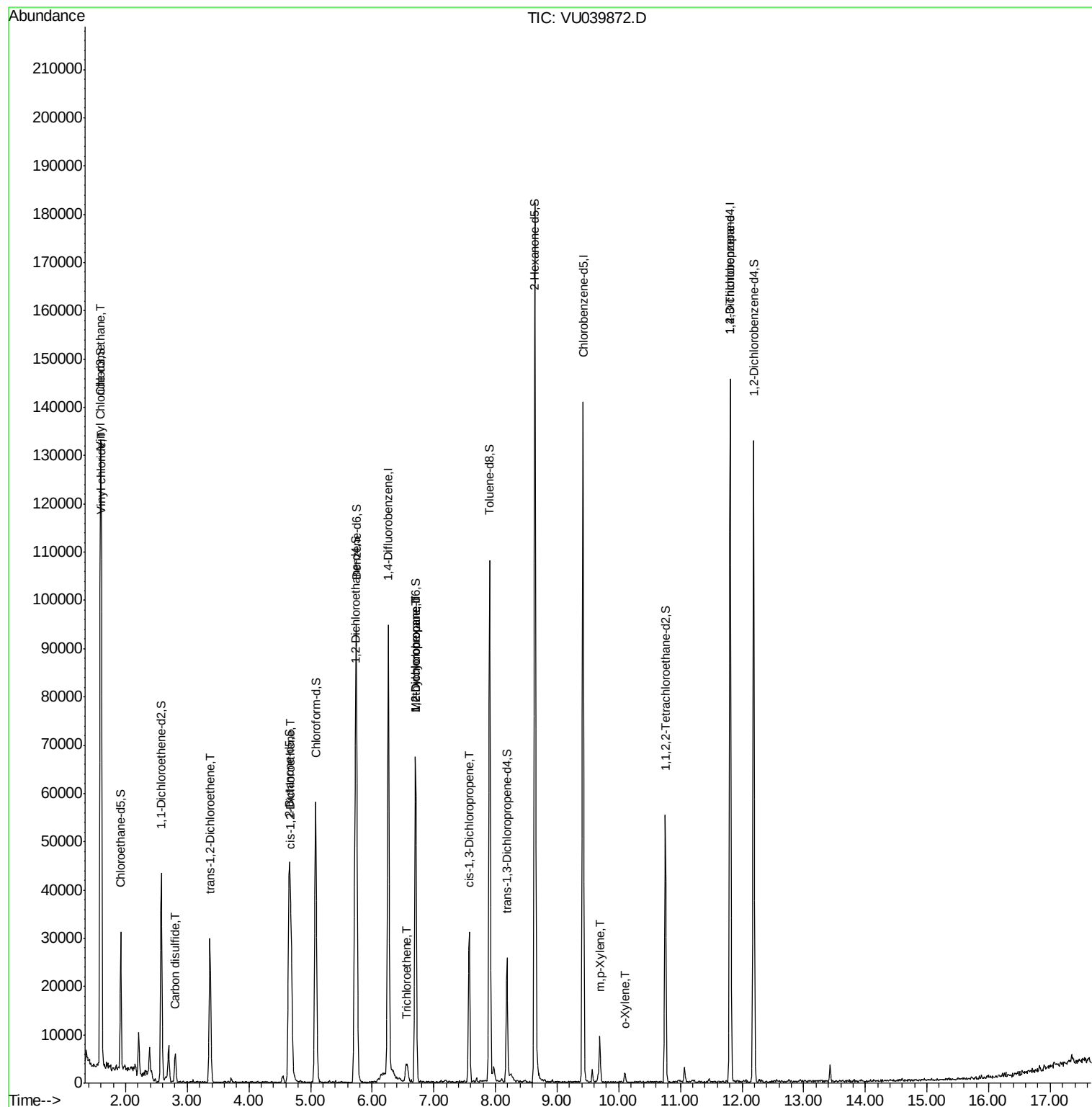
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.59	50	4130	0.700	ug/L	87
5) Vinyl chloride	1.61	62	47320	8.361	ug/L	97
14) Carbon disulfide	2.81	76	7700	0.593	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	11771	2.546	ug/L	90
22) cis-1,2-Dichloroethene	4.68	96	8009	1.593	ug/L	97
34) Trichloroethene	6.55	95	1157	0.225	ug/L	87
35) Methylcyclohexane	6.70	83	6358	0.776	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	3706	0.706	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	833	0.116	ug/L #	39
53) m,p-Xylene	9.69	106	2639	0.298	ug/L	91
54) o-Xylene	10.10	106	555	0.064	ug/L #	33
59) 1,2,3-Trichloropropane	11.81	75	5244	1.385	ug/L	91

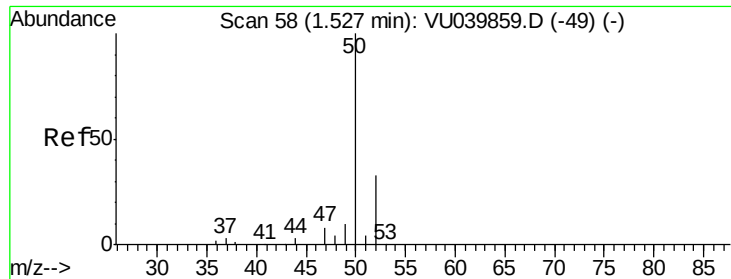
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.700 ug/L

RT: 1.59 min Scan# 78

Delta R.T. 0.06 min

Lab File: VU039872.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_U

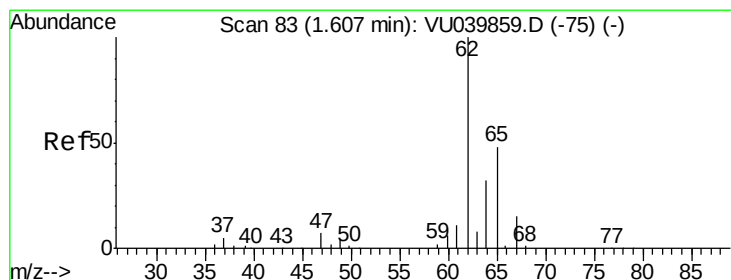
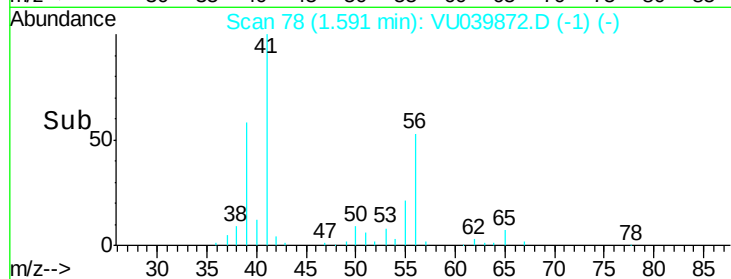
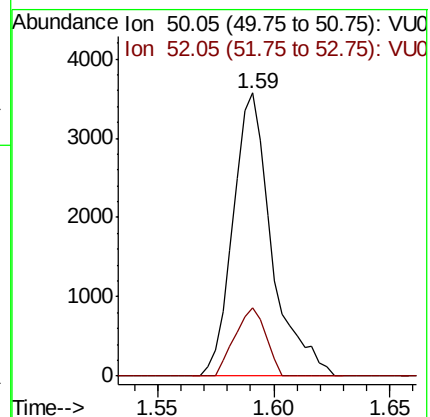
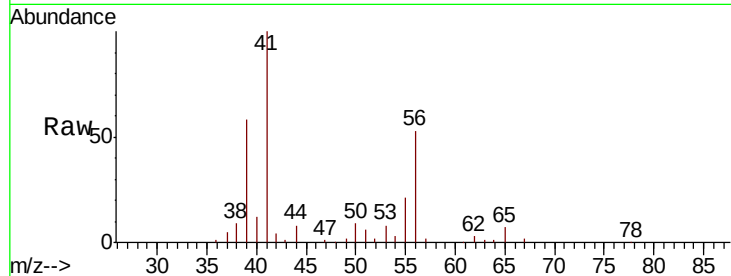
ClientSampleId :

Tot Ion: 50 Resp: 4130

Ion Ratio Lower Upper

50 100

52 23.9 21.6 40.0



#5

Vinyl chloride

Concen: 8.361 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039872.D

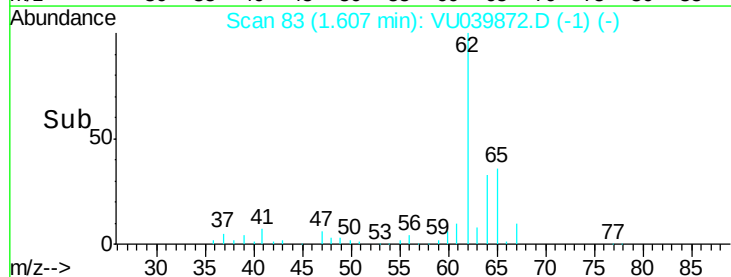
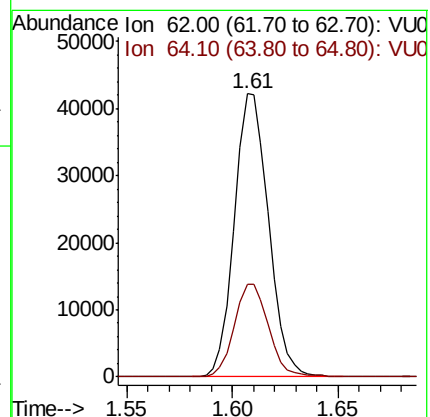
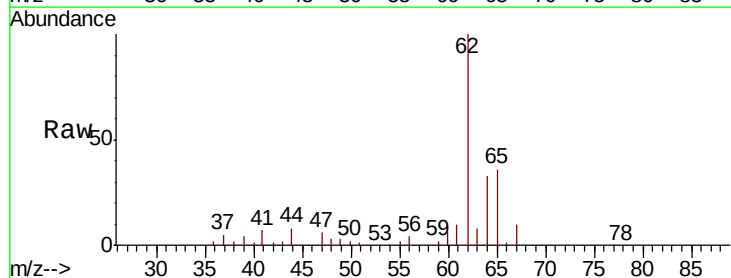
Acq: 14 Aug 2020 20:32

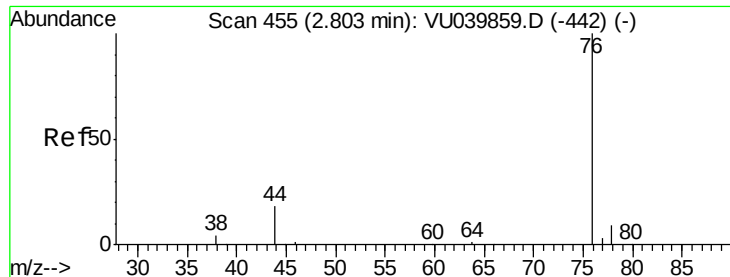
Tgt Ion: 62 Resp: 47320

Ion Ratio Lower Upper

62 100

64 32.6 24.1 44.7





#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

Instrument :

MSVOA_U

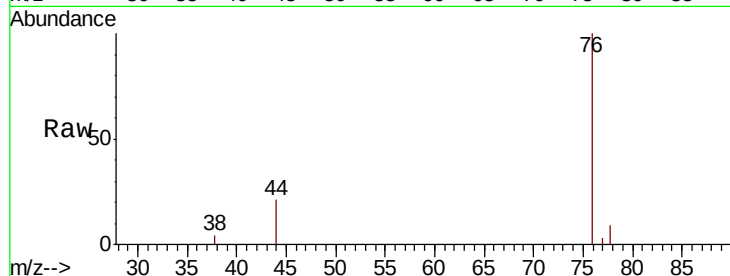
ClientSampleId :

Tot Ion: 76 Resp: 7700

Ion Ratio Lower Upper

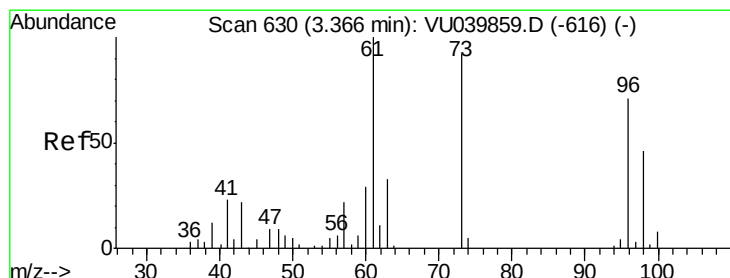
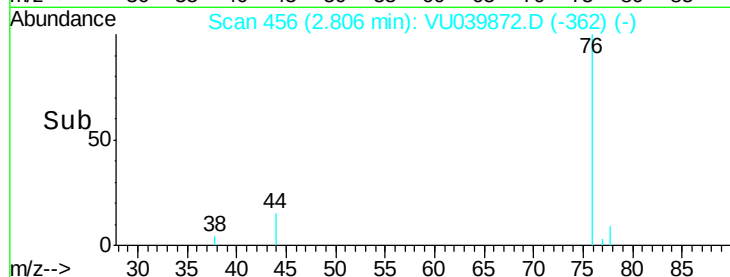
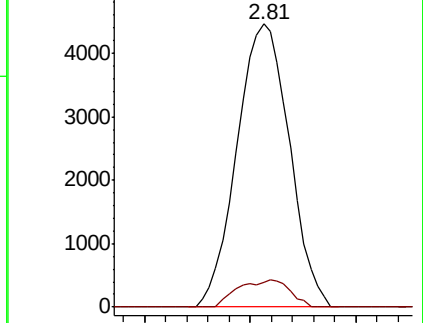
76 100

78 8.8 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039872.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VU039872.D (-362) (-)



#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

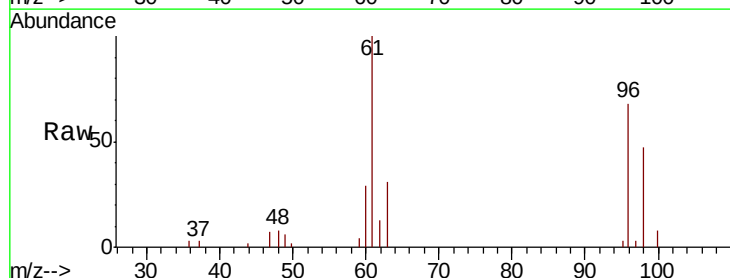
Tgt Ion: 96 Resp: 11771

Ion Ratio Lower Upper

96 100

61 147.3 96.5 179.1

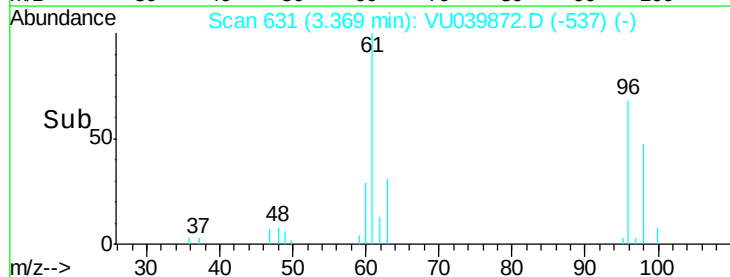
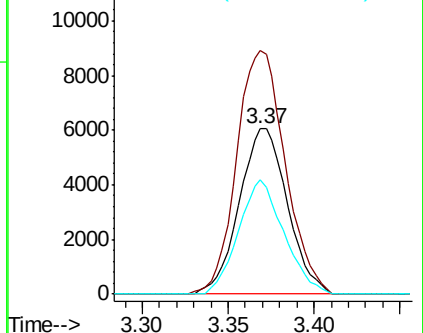
98 69.0 40.9 76.0

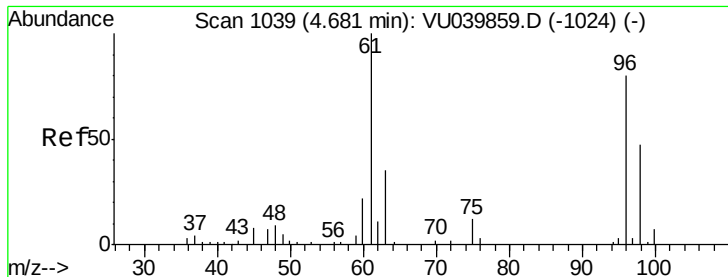


Abundance Ion 96.00 (95.70 to 96.70): VU039872.D (-537) (-)

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

Instrument :

MSVOA_U

ClientSampleId :

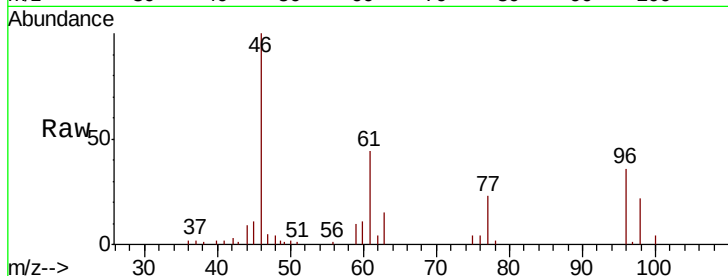
Tot Ion: 96 Resp: 8009

Ion Ratio Lower Upper

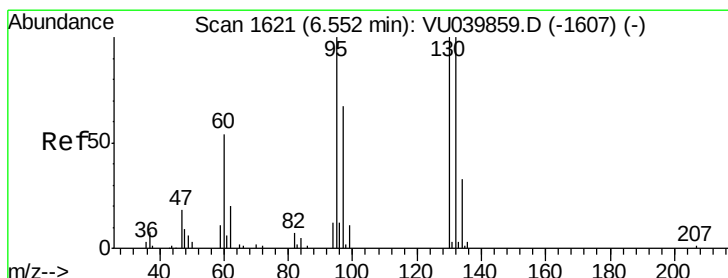
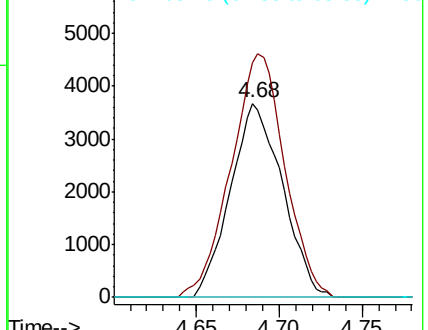
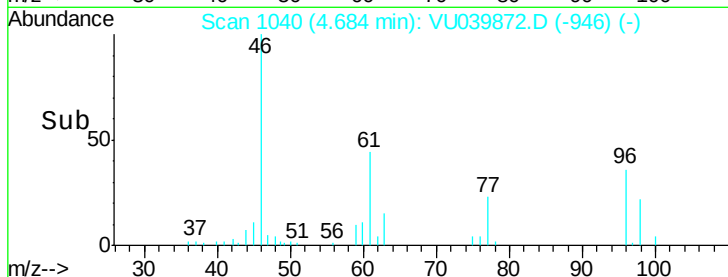
96 100

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 (-1528) (-)



#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

Tgt Ion: 95 Resp: 1157

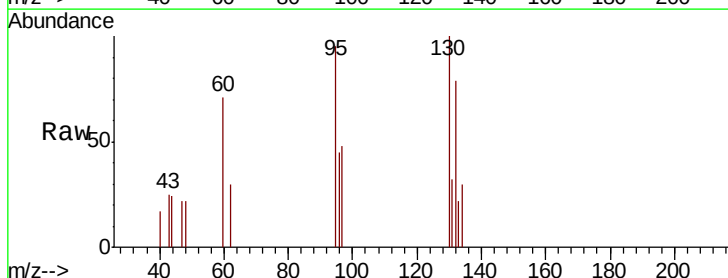
Ion Ratio Lower Upper

95 100

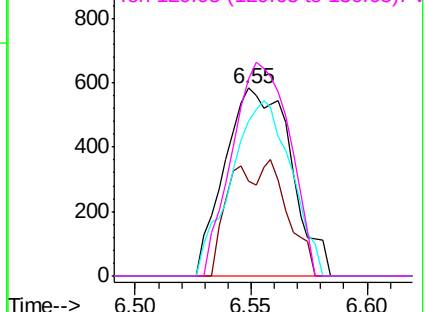
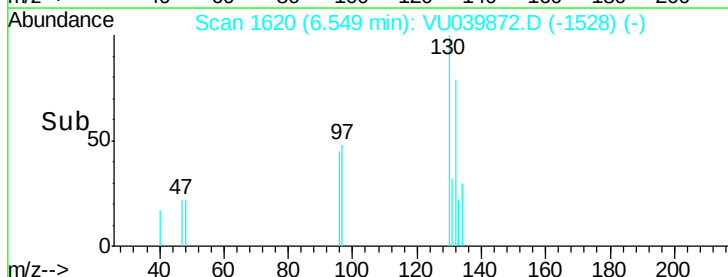
97 50.4 44.0 81.8

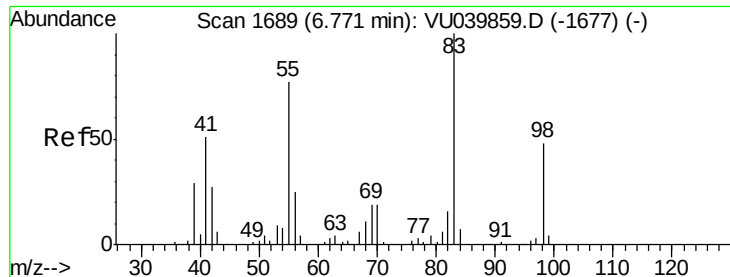
132 82.7 71.7 133.3

130 105.1 71.1 132.1



Abundance Ion 95.00 (94.70 to 95.70): VU039872.D (-1528) (-)

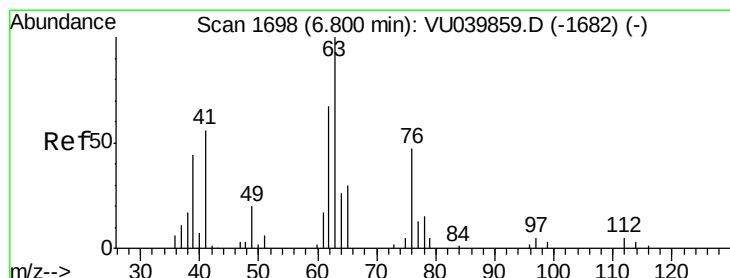
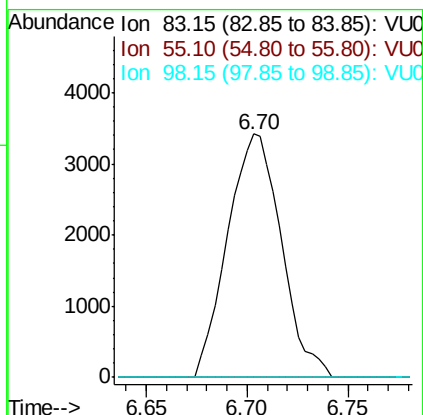
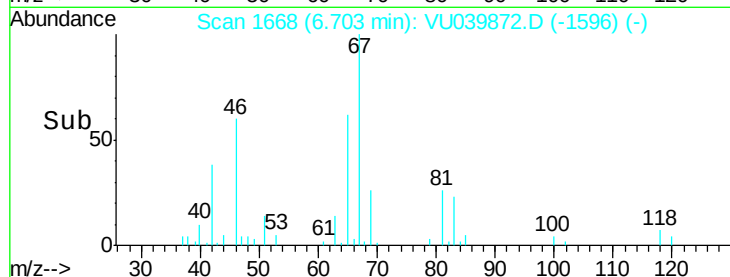
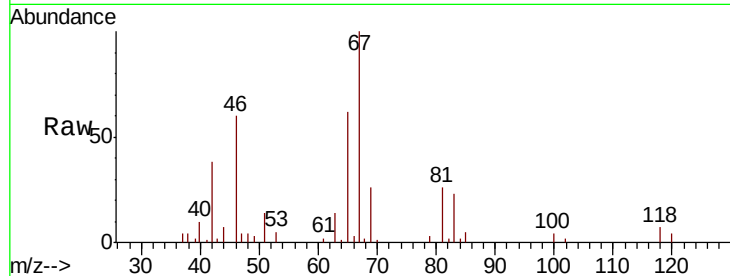




#35
Methylvlcyclohexane
Concen: 0.776 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039872.D
Acq: 14 Aug 2020 20:32

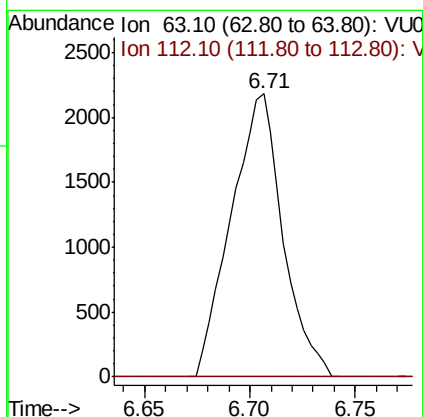
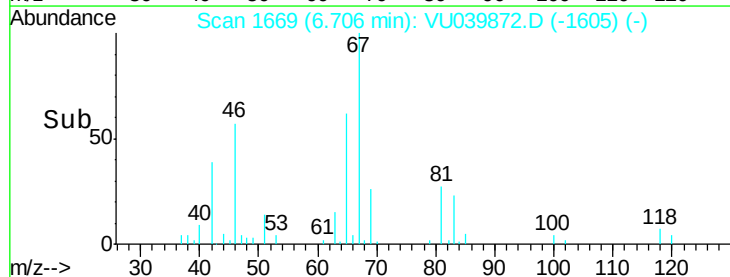
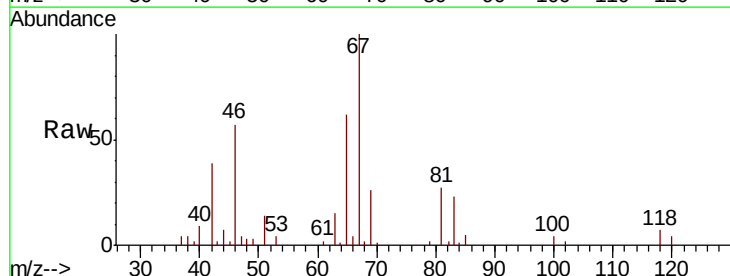
Instrument :
MSVOA_U
ClientSampleId :

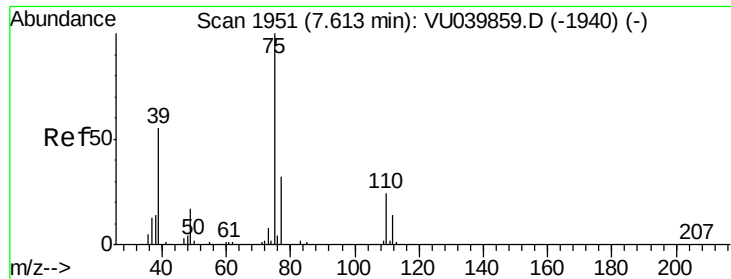
Tot Ion: 83 Resp: 6358
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.7 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU039872.D
Acq: 14 Aug 2020 20:32

Tgt Ion: 63 Resp: 3706
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

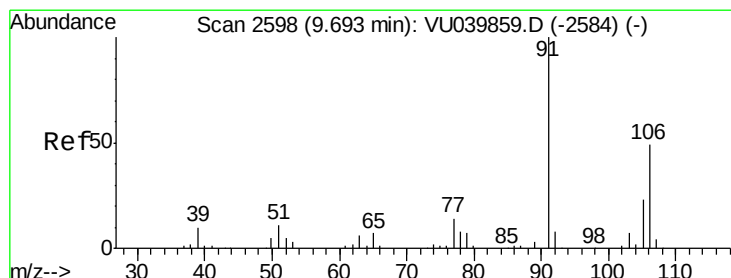
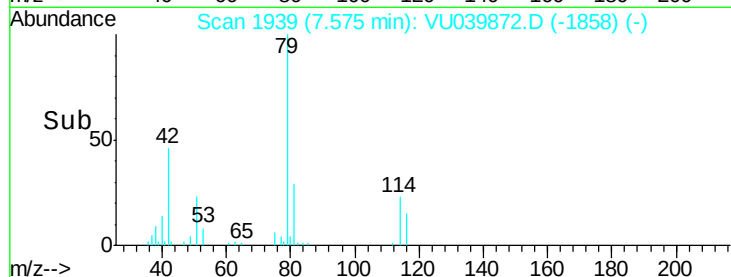
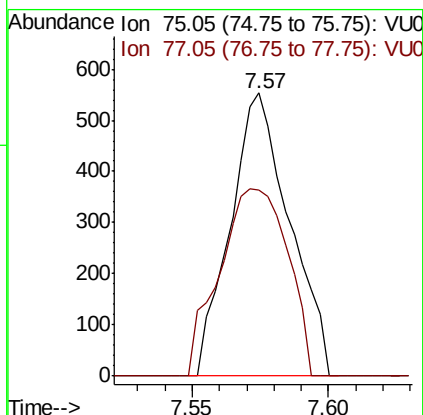
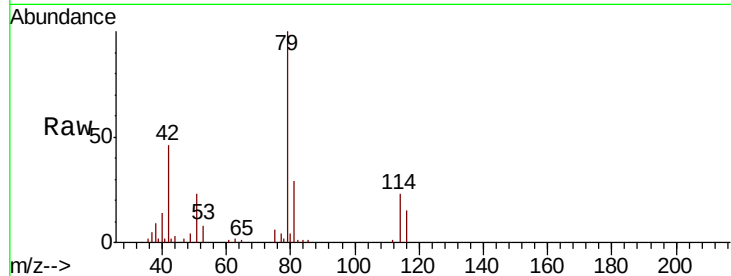




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039872.D
 Acq: 14 Aug 2020 20:32

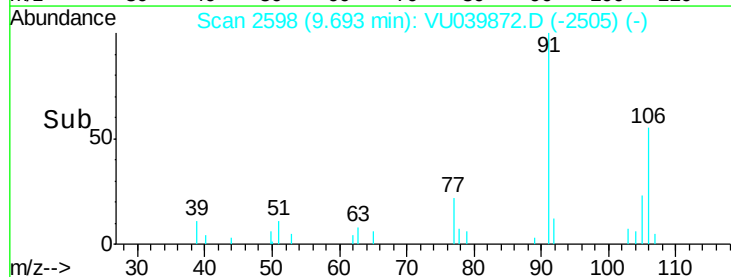
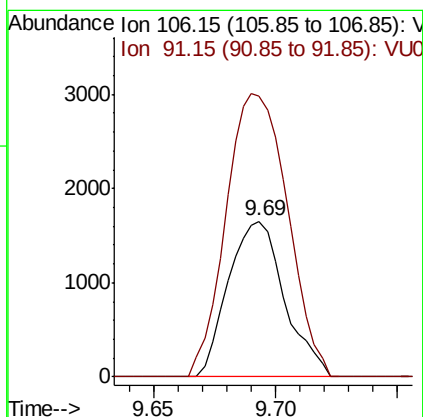
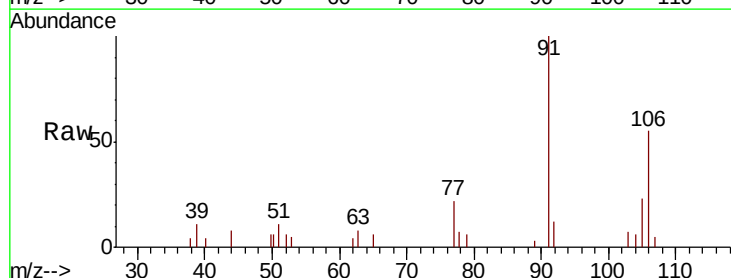
Instrument :
 MSVOA_U
 ClientSampleId :

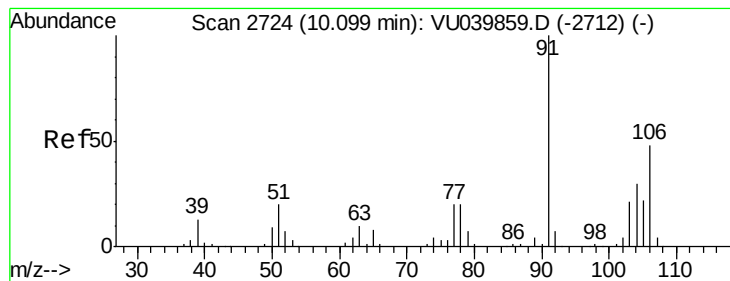
Tot Ion: 75 Resp: 833
 Ion Ratio Lower Upper
 75 100
 77 65.8 22.4 41.6#



#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





#54

o-Xylene

Concen: 0.064 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU039872.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_U

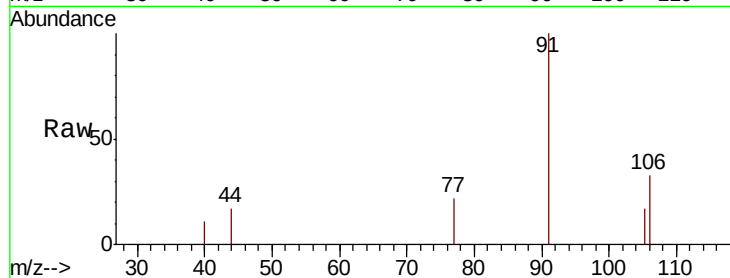
ClientSampled :

Tot Ion:106 Resp: 555

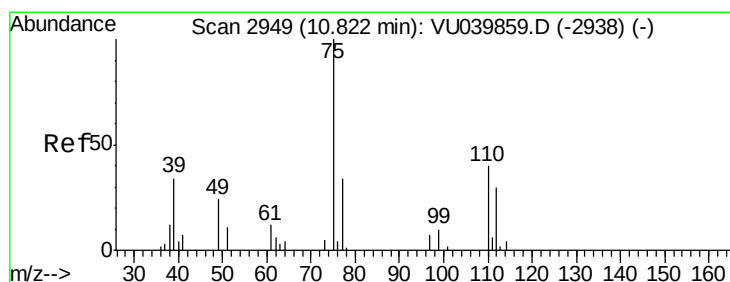
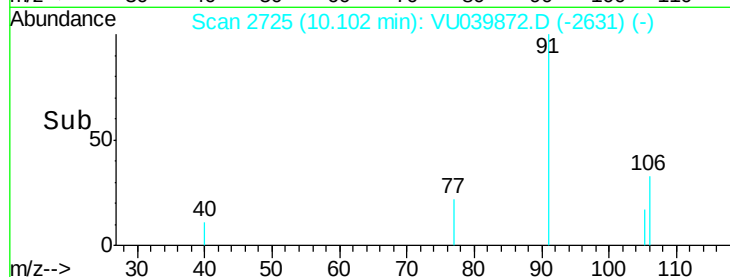
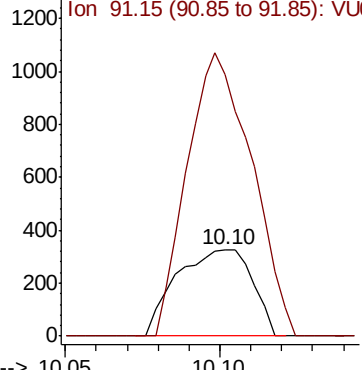
Ion Ratio Lower Upper

106 100

91 302.5 140.8 261.6#



Abundance Ion 106.15 (105.85 to 106.85): VU039872.D (-2631) (-)



#59

1,2,3-Trichloropropane

Concen: 1.385 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039872.D

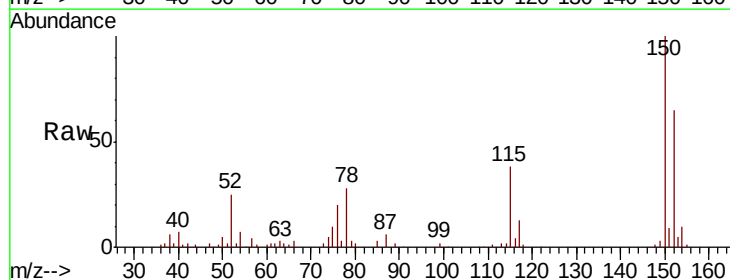
Acq: 14 Aug 2020 20:32

Tgt Ion: 75 Resp: 5244

Ion Ratio Lower Upper

75 100

77 35.9 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU039872.D (-2327) (-)

