

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040901.D
 Acq On : 22 Oct 2020 12:18
 Operator : SY/MD
 Sample : L4428-22
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ54

Quant Time: Oct 23 00:17:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 23:17:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	215073	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	223245	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	91267	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	82524	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.92	69	74763	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.58	63	125486	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.65	46	351000	67.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.10%#
24) Chloroform-d	5.08	84	175868	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.72	65	109818	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	5.74	84	315408	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.70	67	106575	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.90	98	245313	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.19	79	38101	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	246493	61.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	101363	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	97258	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

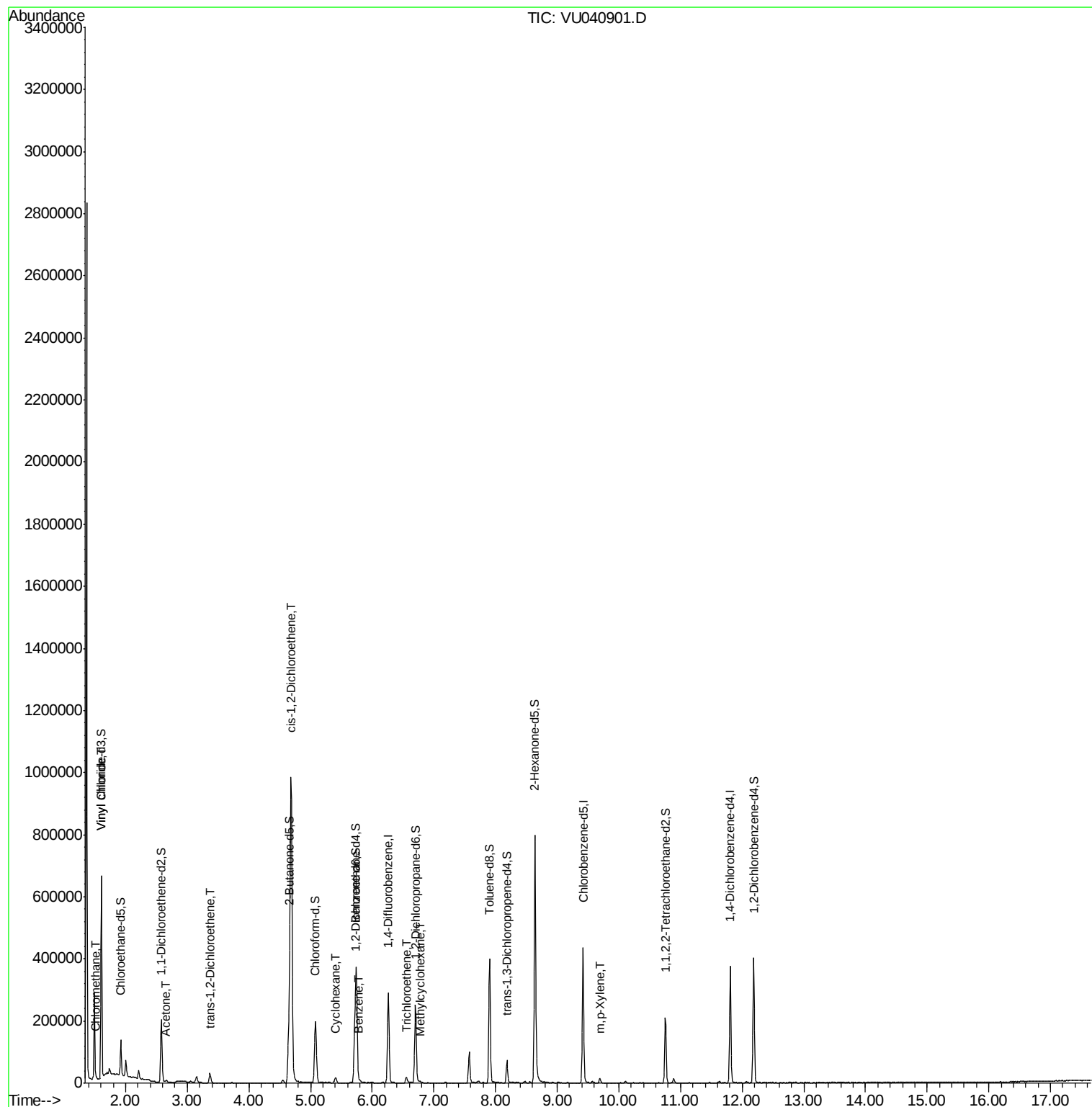
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4731	0.200	ug/L	97
5) Vinyl chloride	1.61	62	13016	0.591	ug/L #	36
13) Acetone	2.66	43	9001	2.446	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	9686	0.593	ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	445609	24.842	ug/L	100
30) Cyclohexane	5.40	56	6876	0.238	ug/L	87
33) Benzene	5.79	78	5831	0.081	ug/L	100
34) Trichloroethene	6.55	95	5793	0.317	ug/L	92
35) Methylcyclohexane	6.77	83	1856	0.068	ug/L #	89
53) m,p-Xylene	9.69	106	3610	0.129	ug/L	93

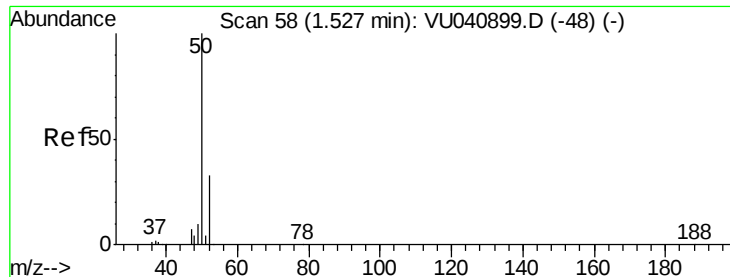
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.200 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040901.D

Acq: 22 Oct 2020 12:18

Instrument :

MSVOA_U

ClientSampleId :

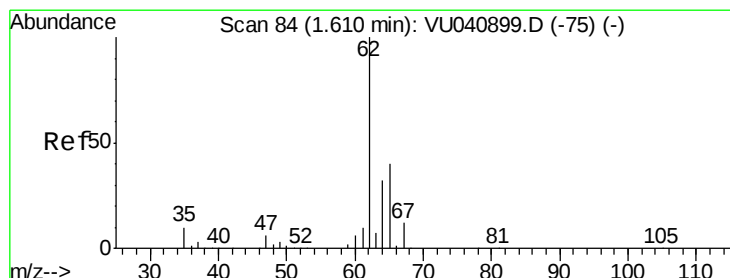
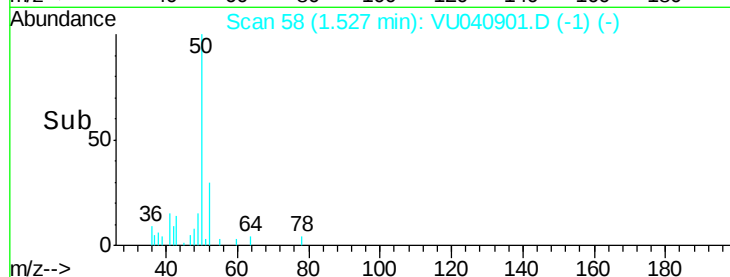
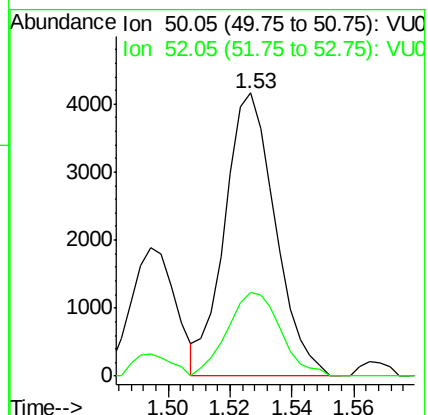
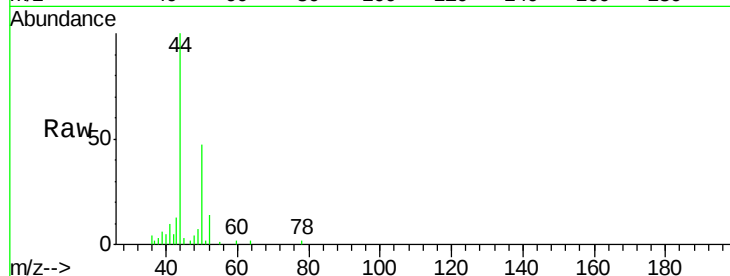
ETZ54

Tot Ion: 50 Resp: 4731

Ion Ratio Lower Upper

50 100

52 29.8 21.8 40.6



#5

Vinyl chloride

Concen: 0.591 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040901.D

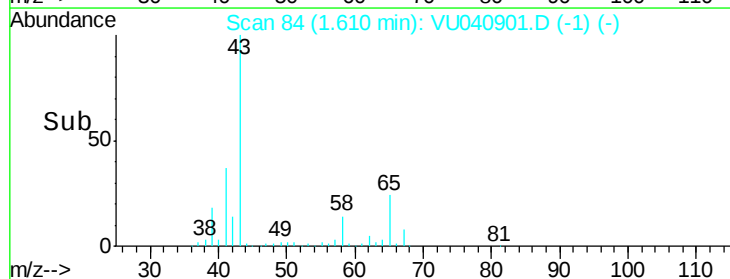
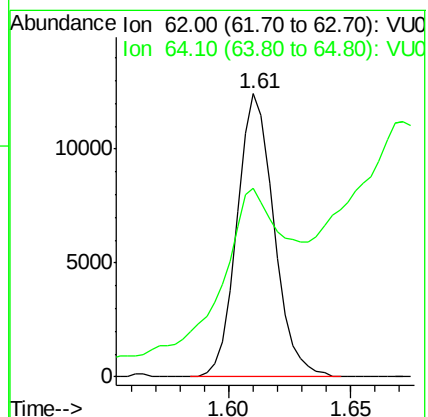
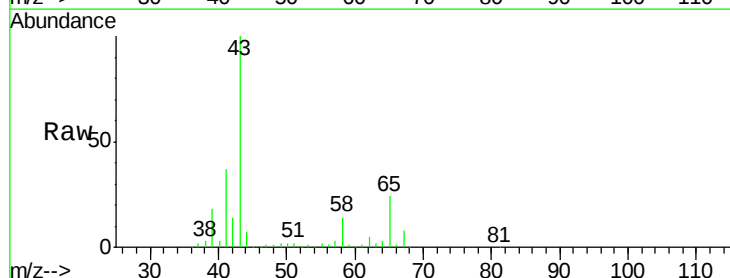
Acq: 22 Oct 2020 12:18

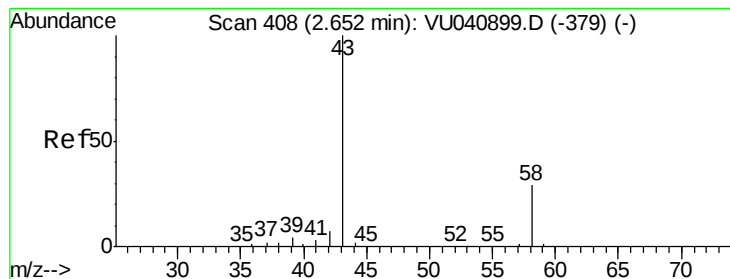
Tgt Ion: 62 Resp: 13016

Ion Ratio Lower Upper

62 100

64 66.7 21.8 40.6#





#13

Acetone

Concen: 2.446 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU040901.D

Acq: 22 Oct 2020 12:18

Instrument :

MSVOA_U

ClientSampleId :

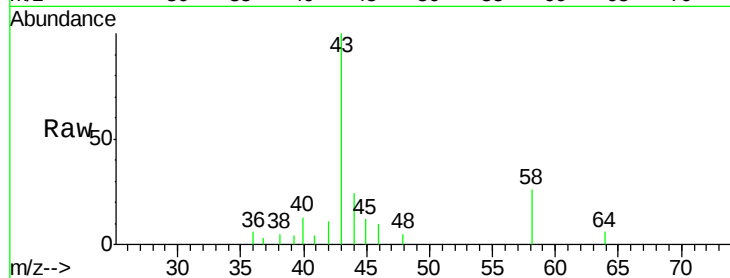
ETZ54

Tot Ion: 43 Resp: 9001

Ion Ratio Lower Upper

43 100

58 27.5 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU040899.D (-379) (-)

Ion 58.05 (57.75 to 58.75): VU040899.D (-379) (-)

2.66

4000

3000

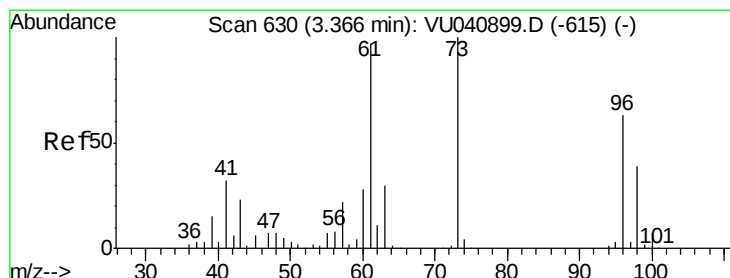
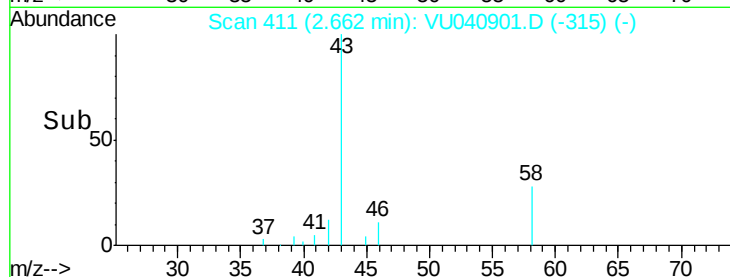
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#18

trans-1,2-Dichloroethene

Concen: 0.593 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040901.D

Acq: 22 Oct 2020 12:18

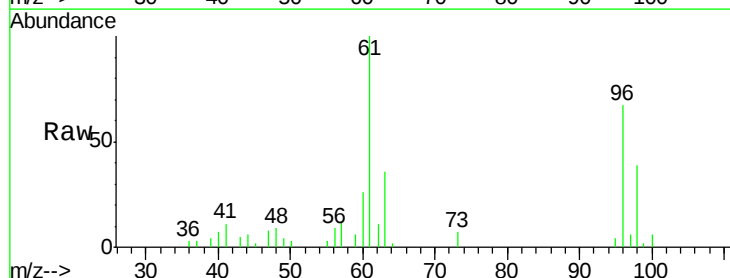
Tgt Ion: 96 Resp: 9686

Ion Ratio Lower Upper

96 100

61 149.1 107.9 200.3

98 58.6 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VU040899.D (-615) (-)

Ion 61.05 (60.75 to 61.75): VU040899.D (-615) (-)

Ion 97.95 (97.65 to 98.65): VU040899.D (-615) (-)

10000

8000

6000

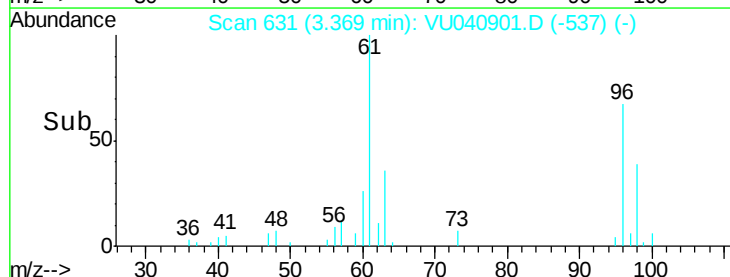
4000

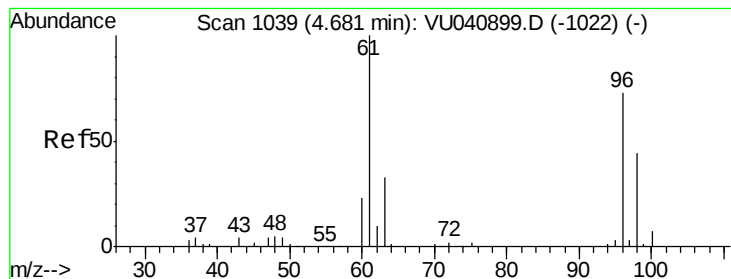
2000

0

Time-->

3.30 3.35 3.40





#22

cis-1,2-Dichloroethene

Concen: 24.842 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040901.D

Acq: 22 Oct 2020 12:18

Instrument :

MSVOA_U

ClientSampleId :

ETZ54

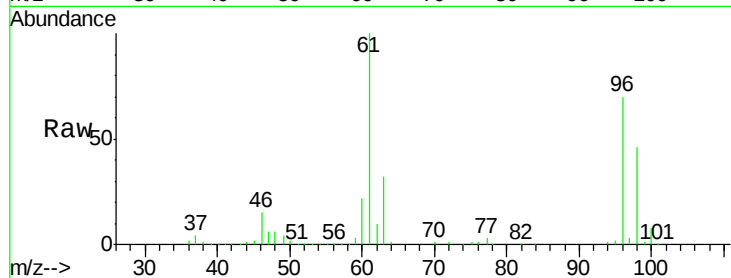
Tot Ion: 96 Resp: 445609

Ion Ratio Lower Upper

96 100

61 142.4 100.0 185.6

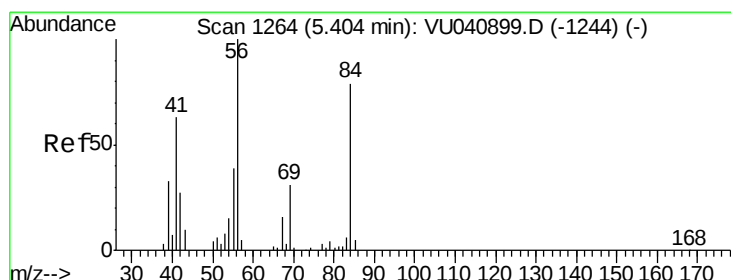
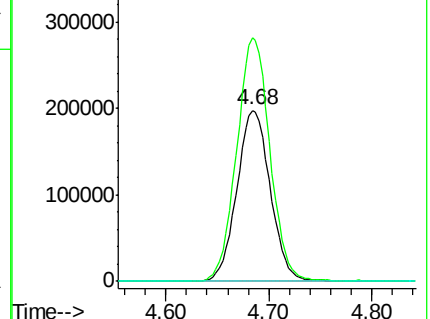
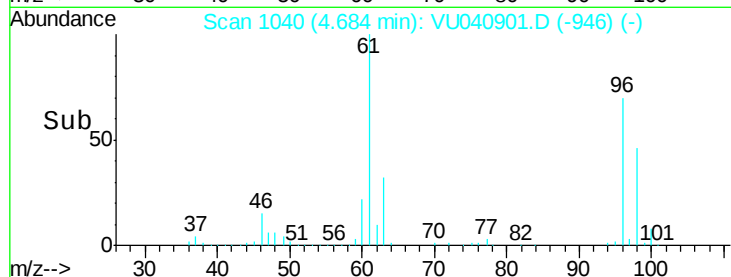
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040901.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU040901.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU040901.D (-946) (-)



#30

Cyclohexane

Concen: 0.238 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU040901.D

Acq: 22 Oct 2020 12:18

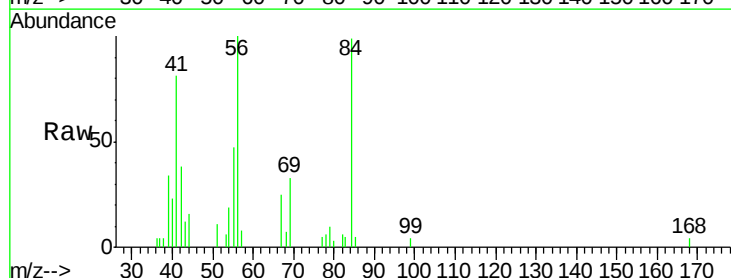
Tgt Ion: 56 Resp: 6876

Ion Ratio Lower Upper

56 100

69 31.2 22.6 33.8

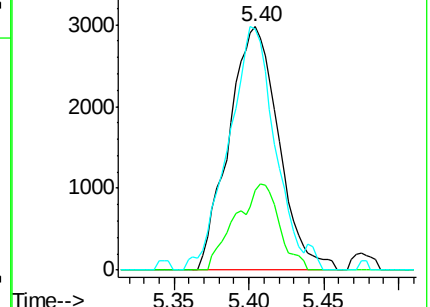
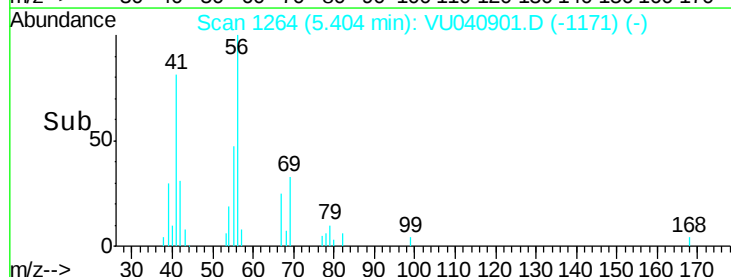
84 92.2 63.0 94.6

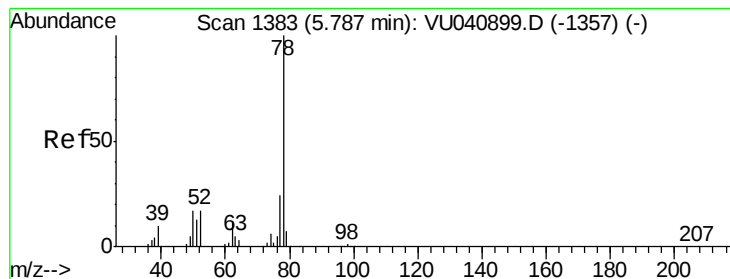


Abundance Ion 56.10 (55.80 to 56.80): VU040901.D (-1171) (-)

Ion 69.15 (68.85 to 69.85): VU040901.D (-1171) (-)

Ion 84.15 (83.85 to 84.85): VU040901.D (-1171) (-)





#33

Benzene

Concen: 0.081 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040901.D

Acq: 22 Oct 2020 12:18

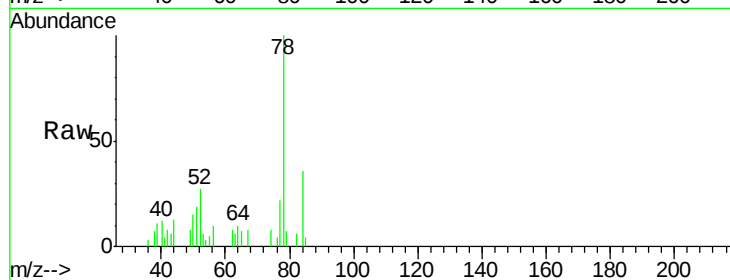
Instrument :

MSVOA_U

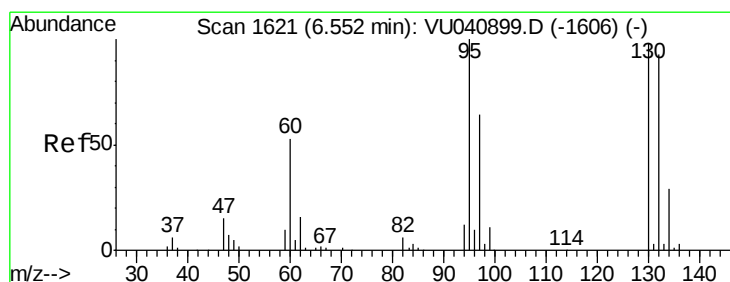
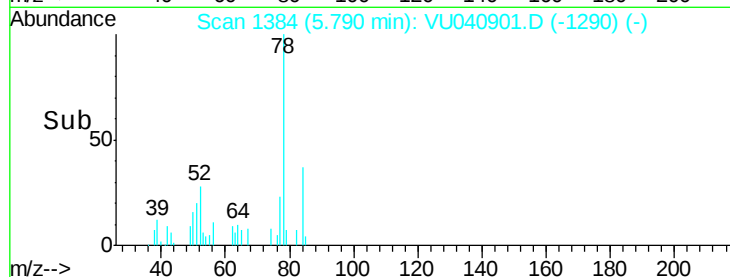
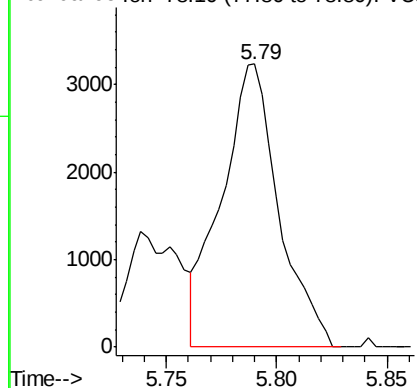
ClientSampleId :

ETZ54

Tgt Ion: 78 Resp: 5831



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.317 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040901.D

Acq: 22 Oct 2020 12:18

Tgt Ion: 95 Resp: 5793

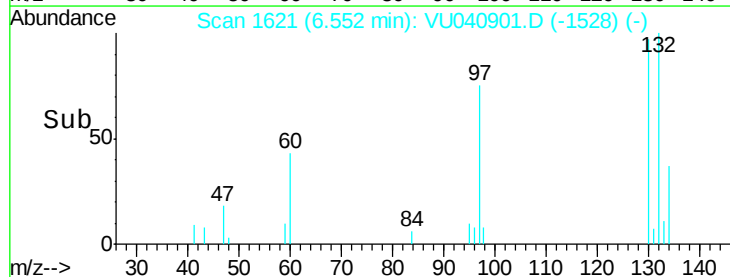
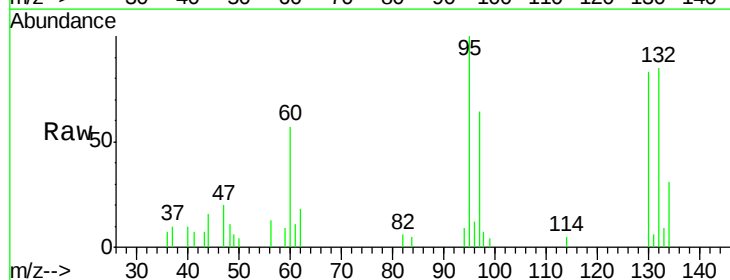
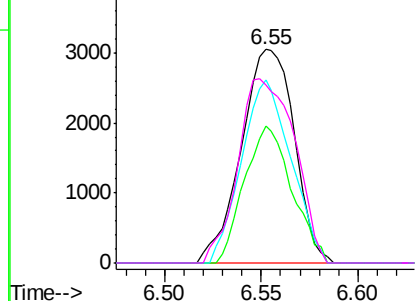
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.0	85.4
132	85.5	63.6	118.2
130	83.0	68.6	127.4

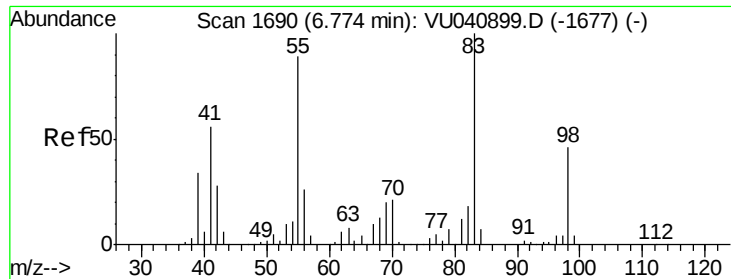
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

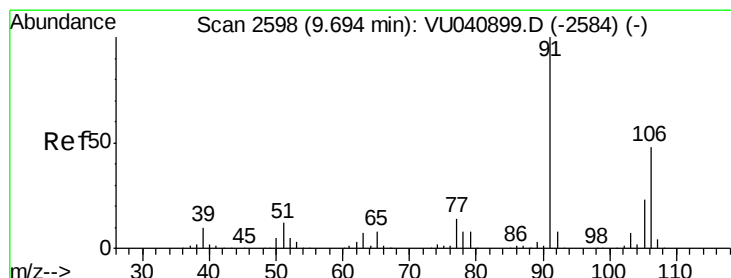
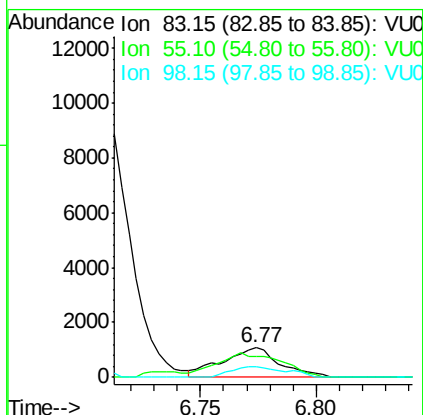
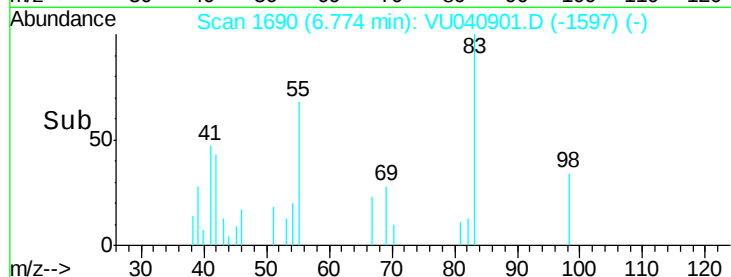
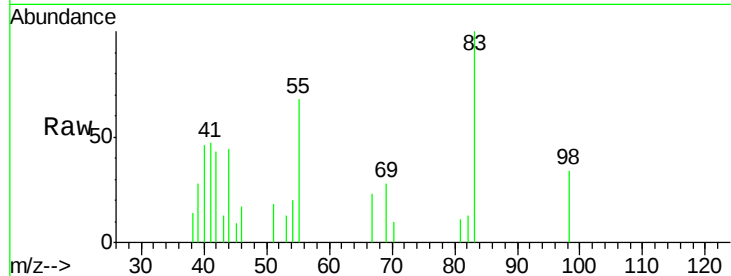




#35
Methvlcvclohexane
Concen: 0.068 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU040901.D
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Tot Ion: 83 Resp: 1856
Ion Ratio Lower Upper
83 100
55 92.7 69.1 103.7
98 34.3 37.8 56.6#



#53
m,p-Xylene
Concen: 0.129 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040901.D
Acq: 22 Oct 2020 12:18

Tgt Ion:106 Resp: 3610
Ion Ratio Lower Upper
106 100
91 229.5 153.3 284.7

