

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039764.D
 Acq On : 06 Aug 2020 18:13
 Operator : SY/MD
 Sample : L3591-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 04:30:48 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	74379	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20341	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.92	69	21412	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	29704	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.65	46	78362	44.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	5.08	84	47326	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	28663	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.75	84	84436	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.70	67	29009	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	66610	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	9729	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	56984	47.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24891	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	29048	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

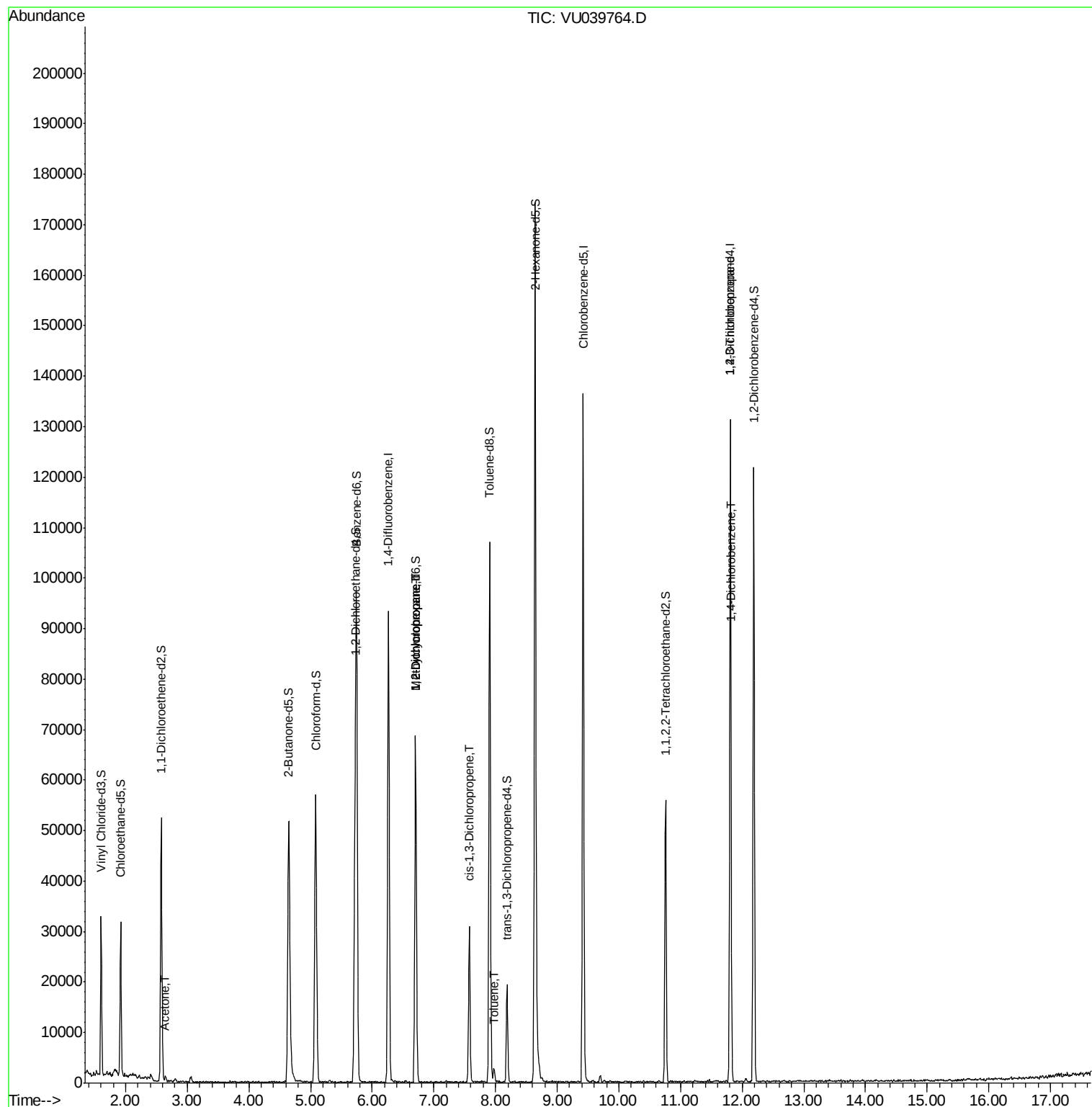
					Ovalue
13) Acetone	2.64	43	1563	1.501 ug/L	84
35) Methylcyclohexane	6.71	83	7220	0.907 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3379	0.663 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	741	0.107 ug/L #	55
42) Toluene	7.97	91	2191	0.109 ug/L	91
59) 1,2,3-Trichloropropane	11.81	75	4685	1.274 ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	833	0.082 ug/L #	81

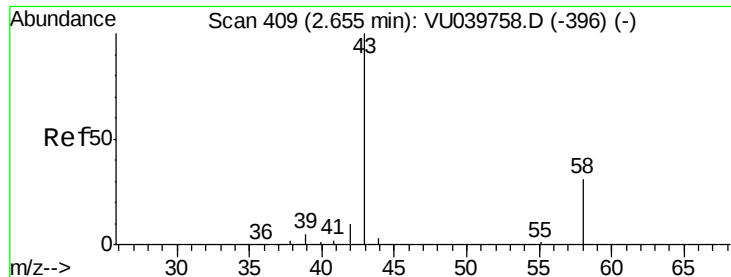
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.501 ug/L

RT: 2.64 min Scan# 405

Delta R.T. -0.01 min

Lab File: VU039764.D

Acq: 06 Aug 2020 18:13

Instrument :

MSVOA_U

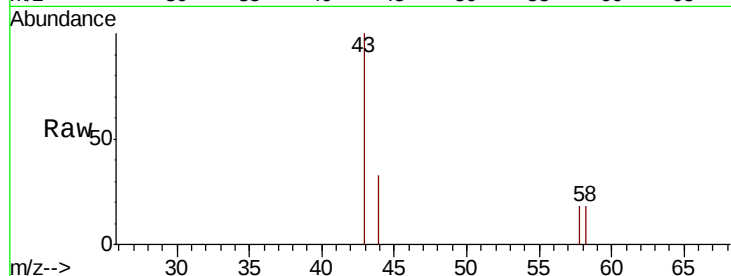
ClientSampled :

Tot Ion: 43 Resp: 1563

Ion Ratio Lower Upper

43 100

58 22.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039758.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039758.D (-396) (-)

2.64

1000

800

600

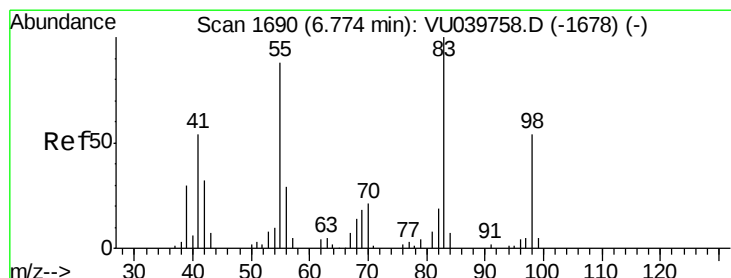
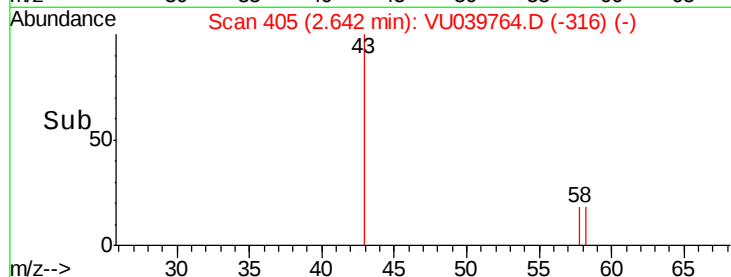
400

200

0

Time-->

2.60 2.65



#35

Methylcyclohexane

Concen: 0.907 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039764.D

Acq: 06 Aug 2020 18:13

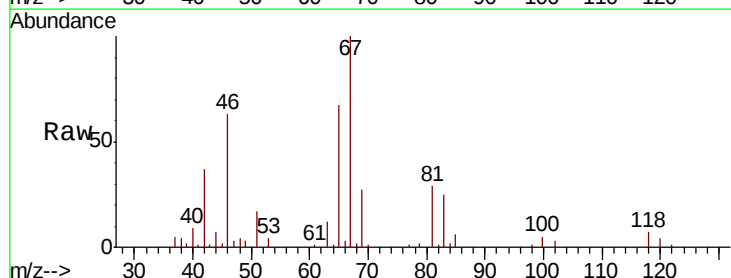
Tgt Ion: 83 Resp: 7220

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 1.0 39.0 58.4#



Abundance Ion 83.15 (82.85 to 83.85): VU039758.D (-1678) (-)

Ion 55.10 (54.80 to 55.80): VU039758.D (-1678) (-)

Ion 98.15 (97.85 to 98.85): VU039758.D (-1678) (-)

5000

4000

3000

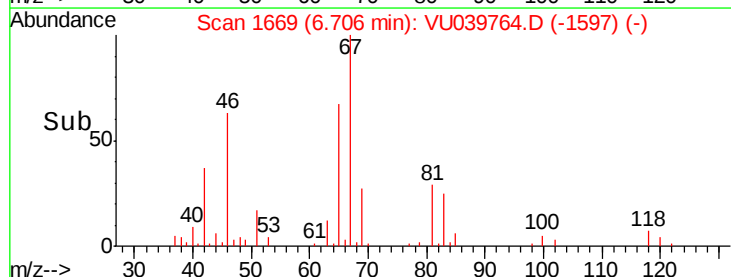
2000

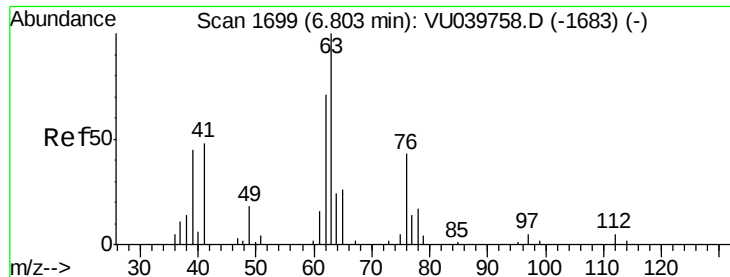
1000

0

Time-->

6.65 6.70 6.75

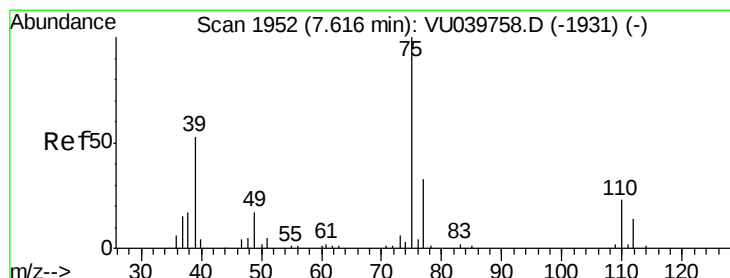
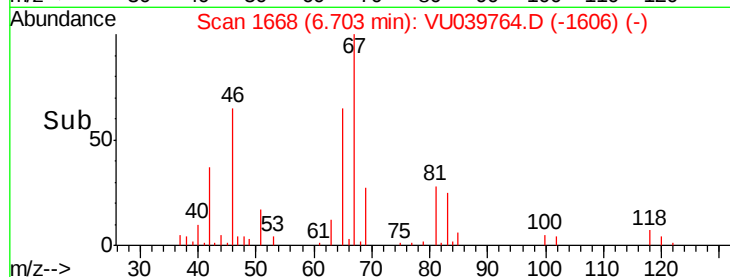
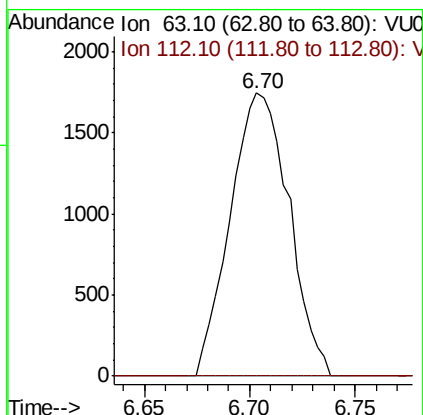
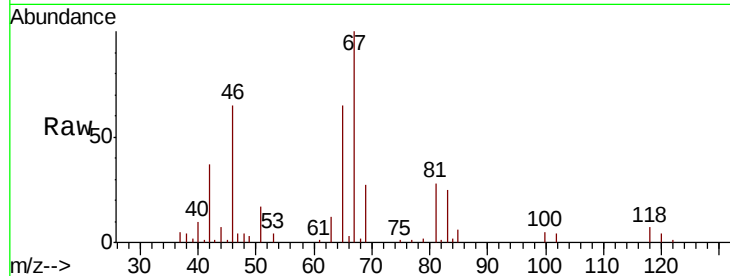




#37
 1,2-Dichloropropane
 Concen: 0.663 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039764.D
 Acq: 06 Aug 2020 18:13

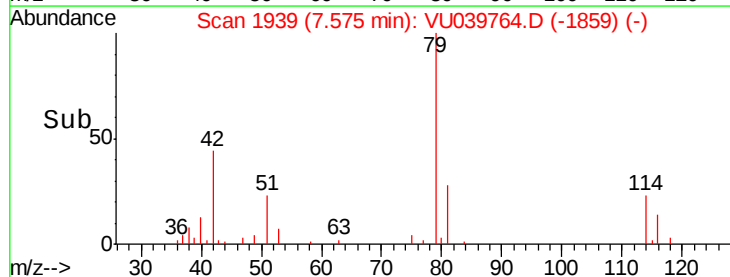
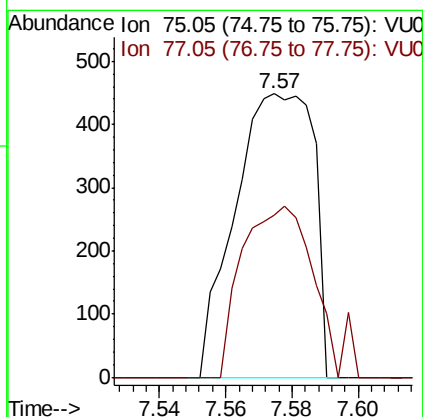
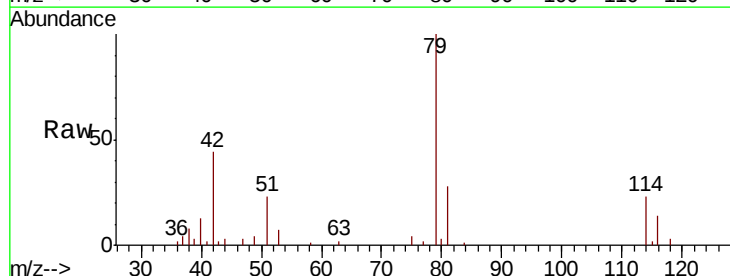
Instrument :
 MSVOA_U
 ClientSampleId :

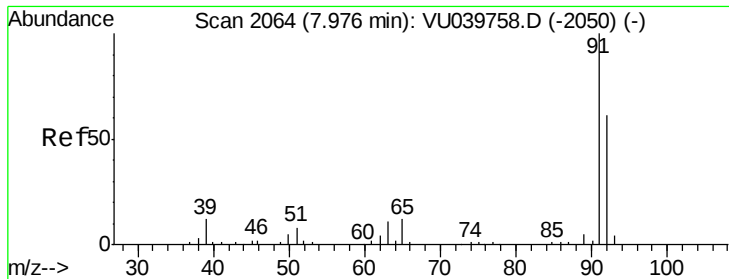
Tot Ion: 63 Resp: 3379
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039764.D
 Acq: 06 Aug 2020 18:13

Tgt Ion: 75 Resp: 741
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.4 41.6#





#42

Toluene

Concen: 0.109 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU039764.D

Acq: 06 Aug 2020 18:13

Instrument :

MSVOA_U

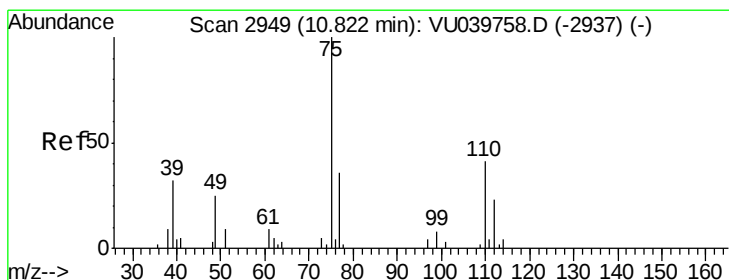
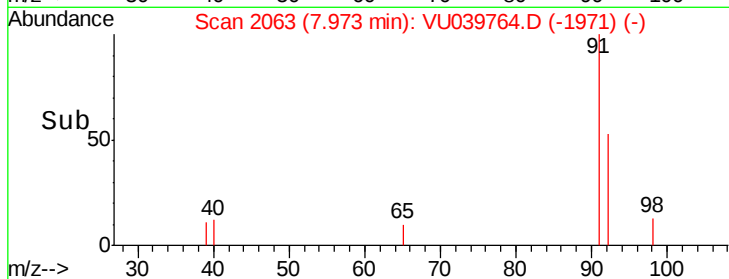
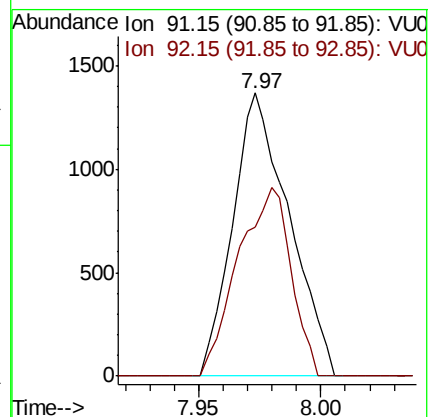
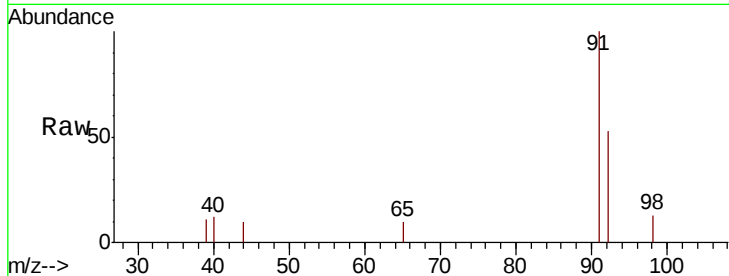
ClientSampleId :

Tot Ion: 91 Resp: 2191

Ion Ratio Lower Upper

91 100

92 52.7 41.6 77.3



#59

1,2,3-Trichloropropane

Concen: 1.274 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039764.D

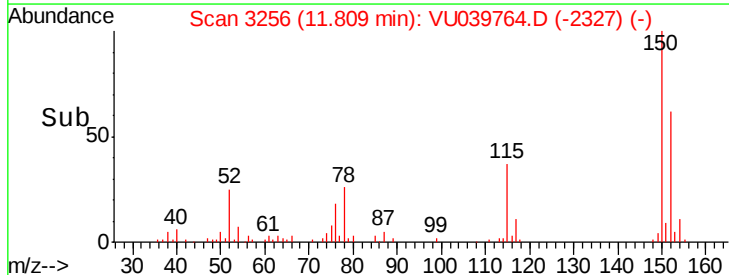
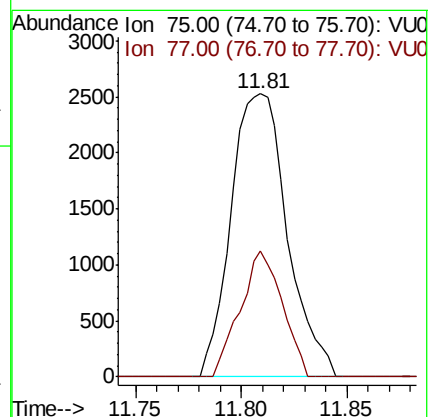
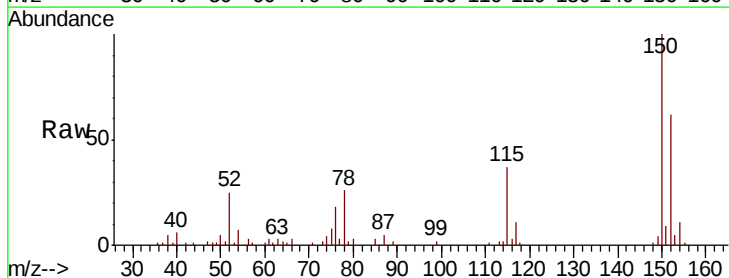
Acq: 06 Aug 2020 18:13

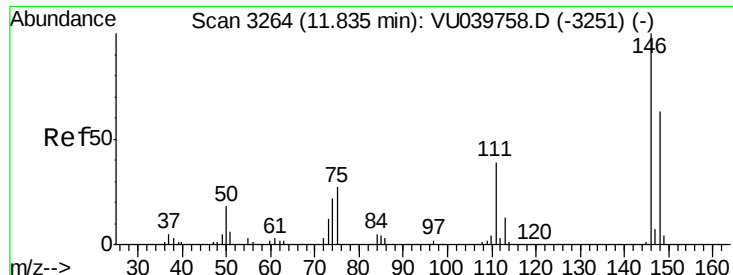
Tgt Ion: 75 Resp: 4685

Ion Ratio Lower Upper

75 100

77 33.3 24.6 37.0





#63

1,4-Dichlorobenzene

Concen: 0.082 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. -0.01 min

Lab File: VU039764.D

Acq: 06 Aug 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

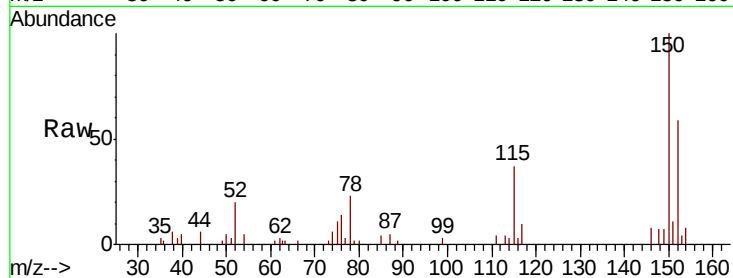
Tot Ion:146 Resp: 833

Ion Ratio Lower Upper

146 100

111 51.8 26.5 49.3#

148 78.0 45.3 84.1



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

