

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039988.D
 Acq On : 27 Aug 2020 13:22
 Operator : SY/MD
 Sample : L3821-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB7

Quant Time: Aug 28 01:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 28 01:12:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77450	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37691	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24378	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.92	69	21413	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.58	63	39291	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	88544	41.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.24%
24) Chloroform-d	5.08	84	53511	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	33034	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.74	84	94722	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.70	67	32195	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.90	98	82373	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.18	79	13025	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	63359	39.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26123	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	34887	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

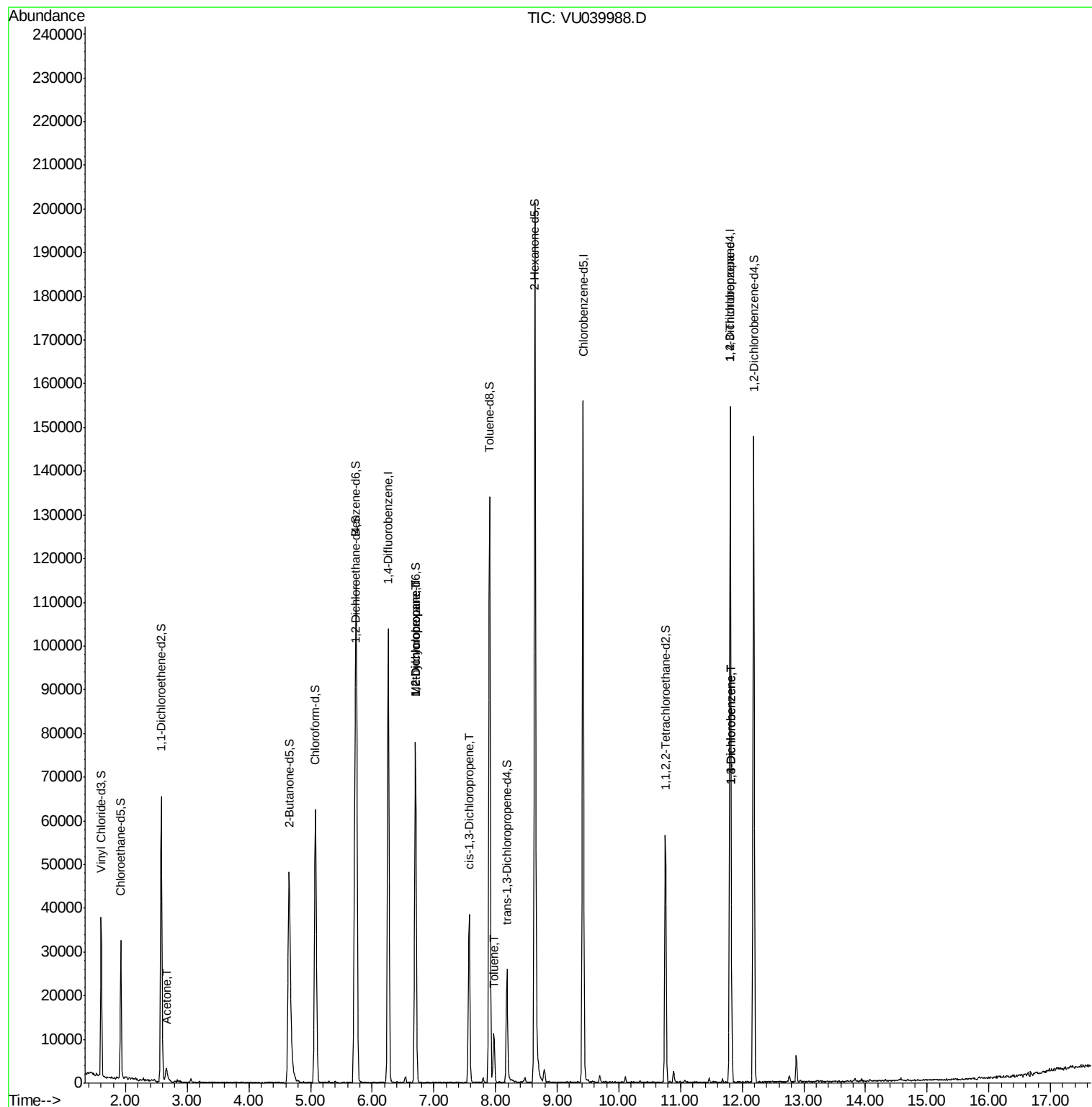
					Ovalue
13) Acetone	2.66	43	5962	4.052 ug/L #	50
35) Methylcyclohexane	6.70	83	7618	0.681 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4172	0.558 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1060	0.101 ug/L #	58
42) Toluene	7.97	91	8093	0.281 ug/L	92
59) 1,2,3-Trichloropropane	11.81	75	5995	1.119 ug/L	96
62) 1,3-Dichlorobenzene	11.83	146	2644	0.189 ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	2644	0.186 ug/L	96

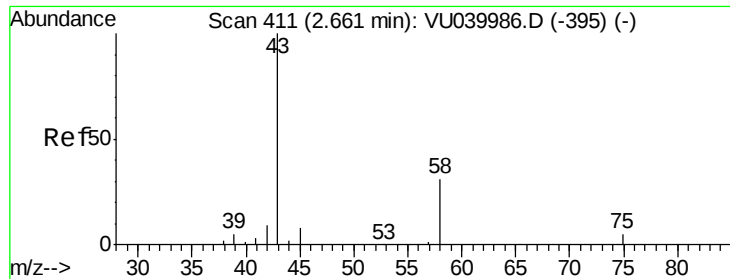
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.052 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU039988.D

Acq: 27 Aug 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

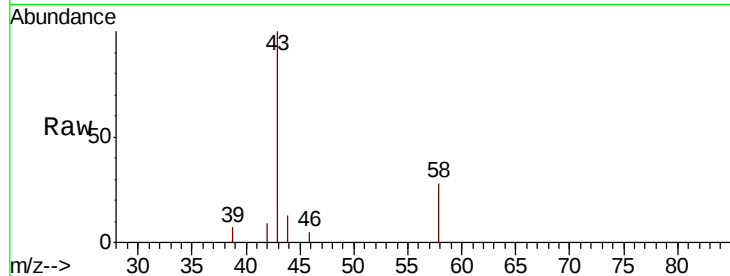
H0AB7

Tot Ion: 43 Resp: 5962

Ion Ratio Lower Upper

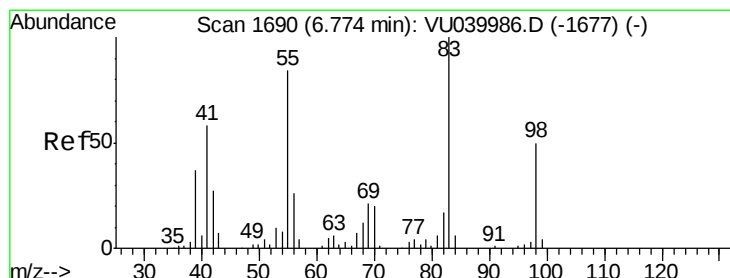
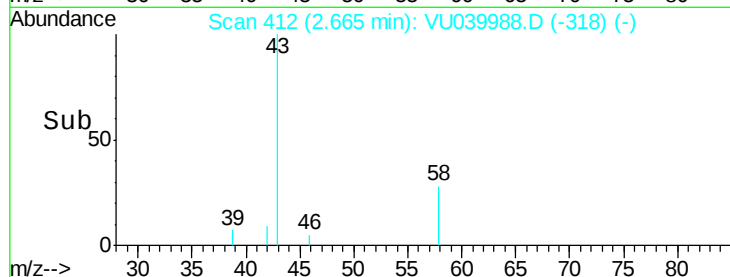
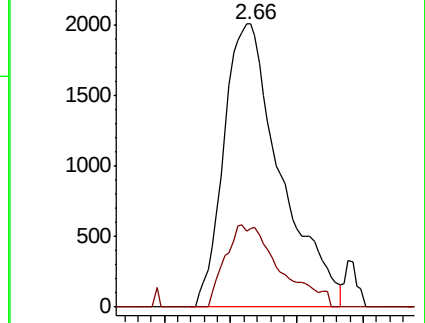
43 100

58 27.9 0.0 19.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039988.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU039988.D (-395) (-)



#35

Methylcyclohexane

Concen: 0.681 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039988.D

Acq: 27 Aug 2020 13:22

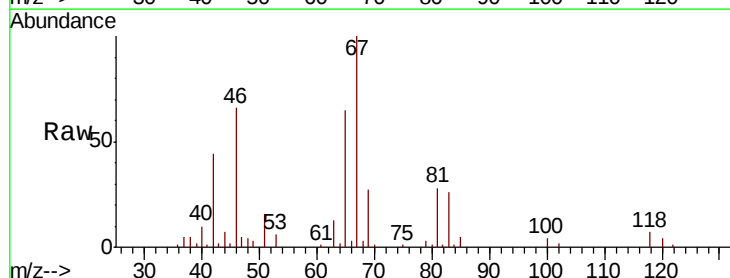
Tgt Ion: 83 Resp: 7618

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

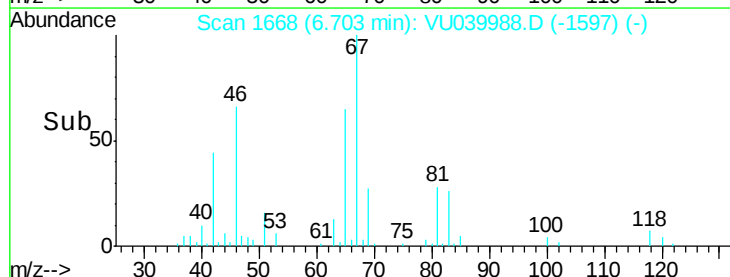
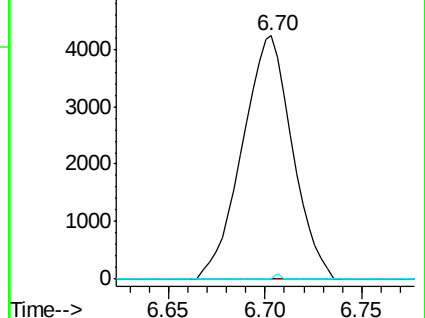
98 0.2 39.4 59.0#

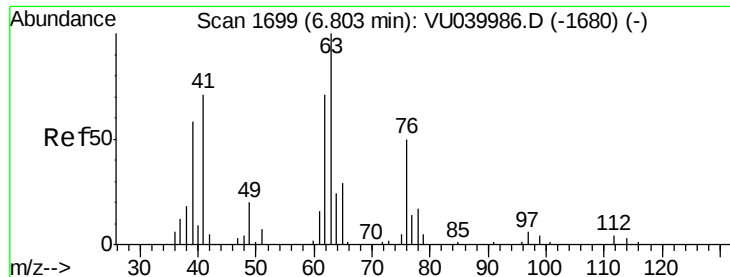


Abundance Ion 83.15 (82.85 to 83.85): VU039988.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU039988.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU039988.D (-1677) (-)

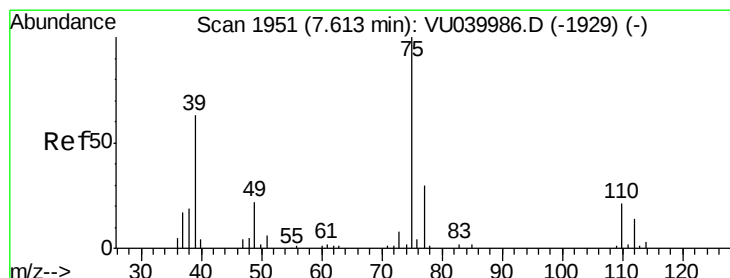
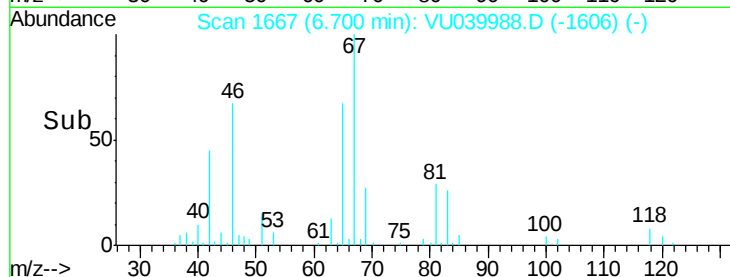
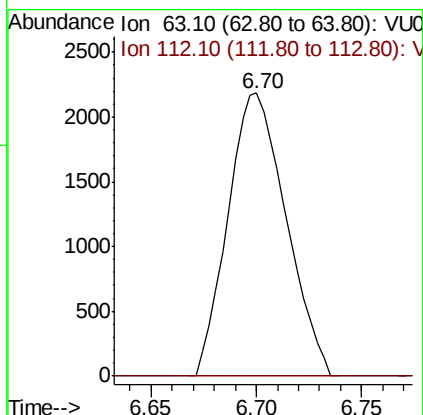
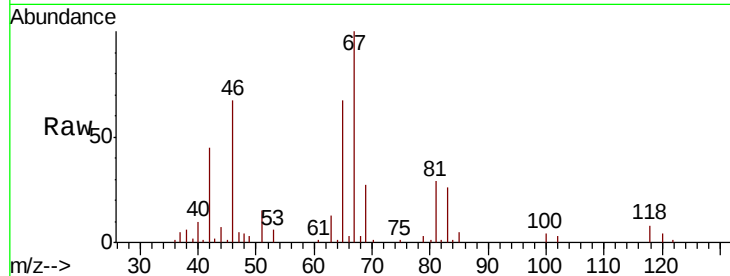




#37
 1,2-Dichloropropane
 Concen: 0.558 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039988.D
 Acq: 27 Aug 2020 13:22

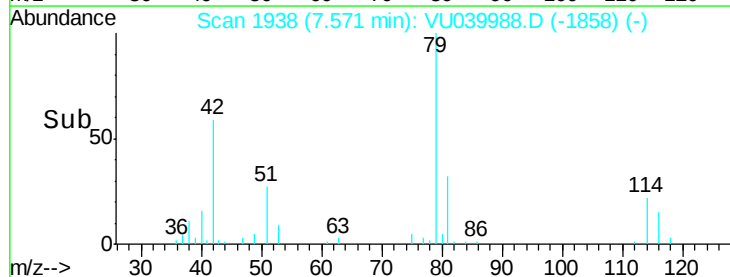
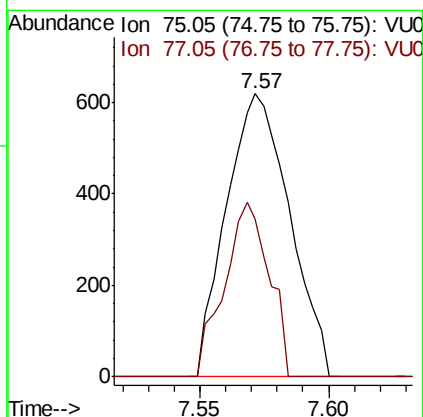
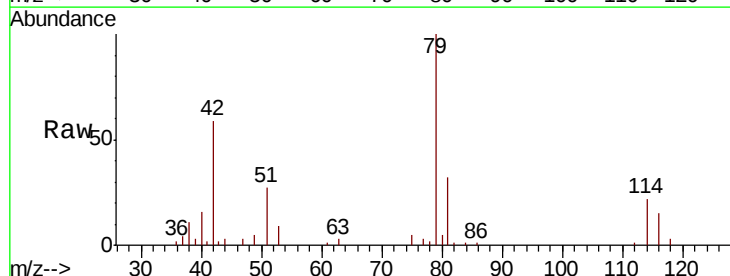
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB7

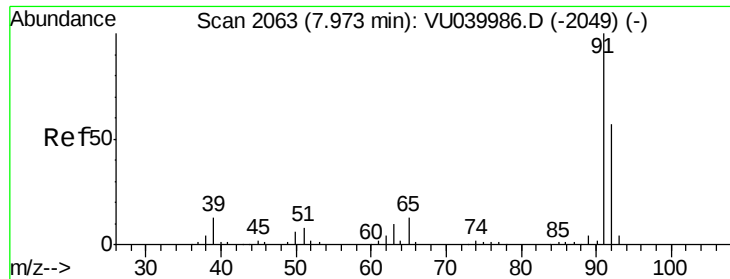
Tot Ion: 63 Resp: 4172
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039988.D
 Acq: 27 Aug 2020 13:22

Tgt Ion: 75 Resp: 1060
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.6 42.0#





#42

Toluene

Concen: 0.281 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU039988.D

Acq: 27 Aug 2020 13:22

Instrument :

MSVOA_U

ClientSampled :

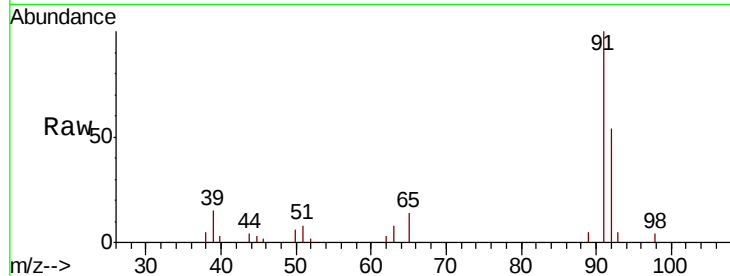
H0AB7

Tot Ion: 91 Resp: 8093

Ion Ratio Lower Upper

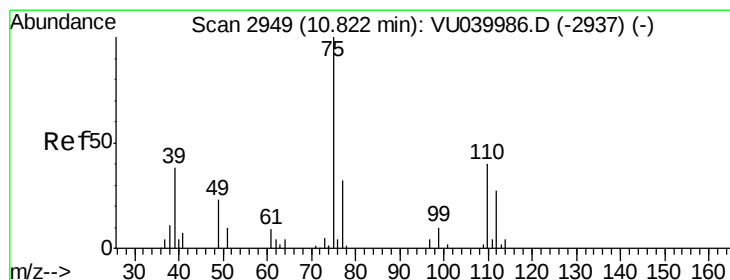
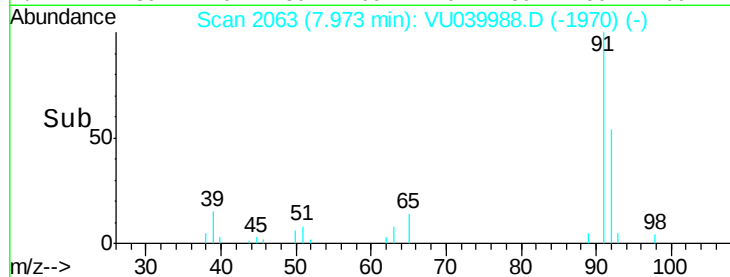
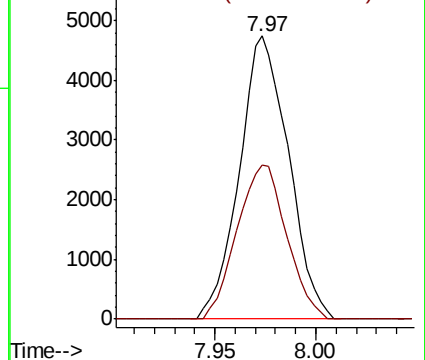
91 100

92 54.3 42.3 78.5



Abundance Ion 91.15 (90.85 to 91.85): VU039986.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU039986.D (-2049) (-)



#59

1,2,3-Trichloropropane

Concen: 1.119 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039988.D

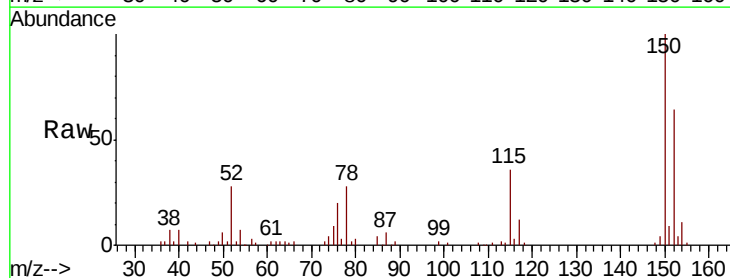
Acq: 27 Aug 2020 13:22

Tgt Ion: 75 Resp: 5995

Ion Ratio Lower Upper

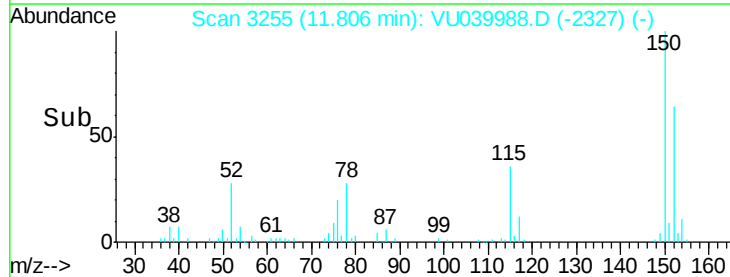
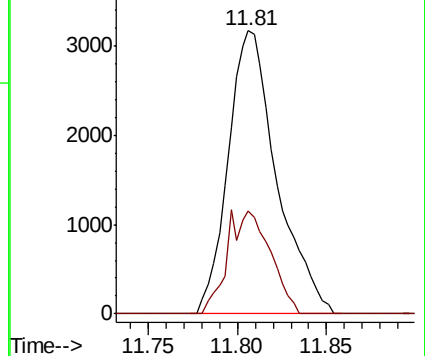
75 100

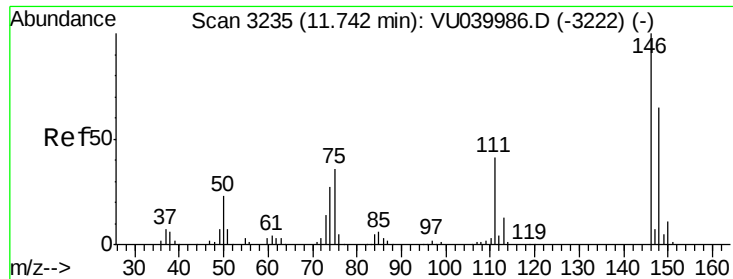
77 32.2 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU039986.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039986.D (-2937) (-)





#62

1,3-Dichlorobenzene

Concen: 0.189 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.09 min

Lab File: VU039988.D

Acq: 27 Aug 2020 13:22

Instrument :

MSVOA_U

ClientSampleId :

H0AB7

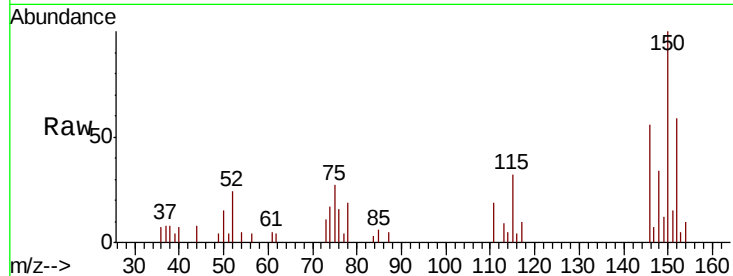
Tot Ion:146 Resp: 2644

Ion Ratio Lower Upper

146 100

111 33.2 27.6 51.4

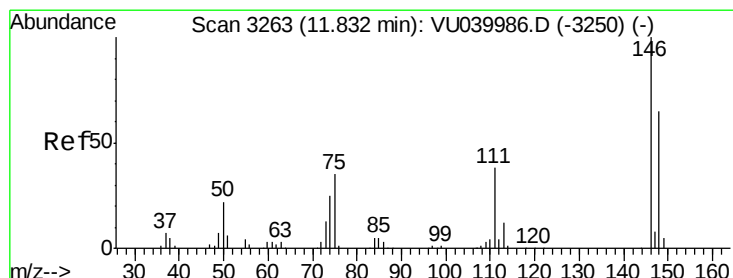
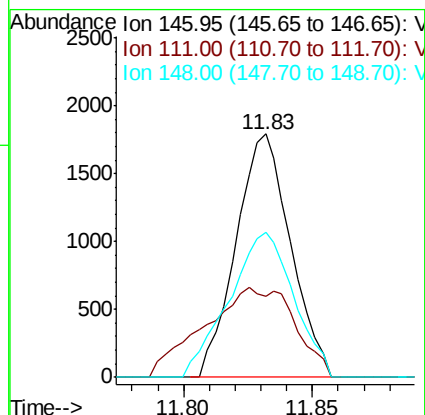
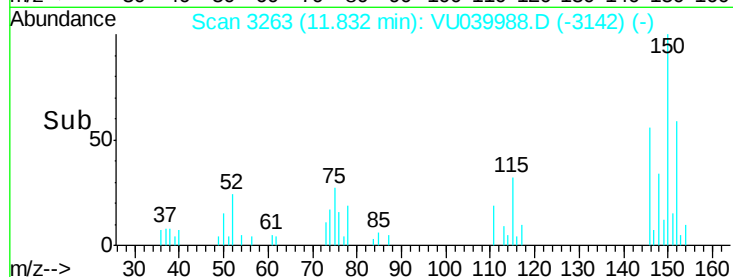
148 59.5 43.8 81.4



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



#63

1,4-Dichlorobenzene

Concen: 0.186 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU039988.D

Acq: 27 Aug 2020 13:22

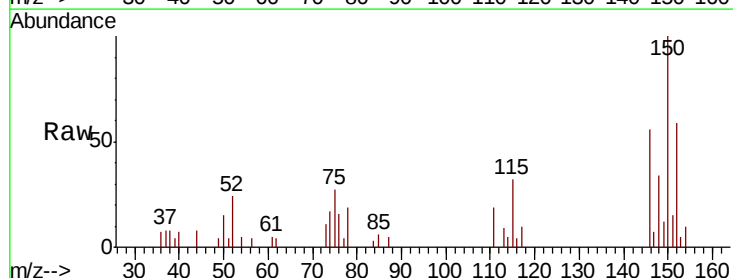
Tgt Ion:146 Resp: 2644

Ion Ratio Lower Upper

146 100

111 33.2 26.5 49.1

148 59.5 42.8 79.4



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

