

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039393.D
 Acq On : 09 Jul 2020 14:18
 Operator : SY/MD
 Sample : L3231-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4293

Quant Time: Jul 10 00:21:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107760	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49929	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29719	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	25293	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.58	63	40686	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	116184	40.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.32%
24) Chloroform-d	5.08	84	56163	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.72	65	35359	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.74	84	108175	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	36908	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.91	98	91018	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	15297	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	86159	38.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33555	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	40298	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

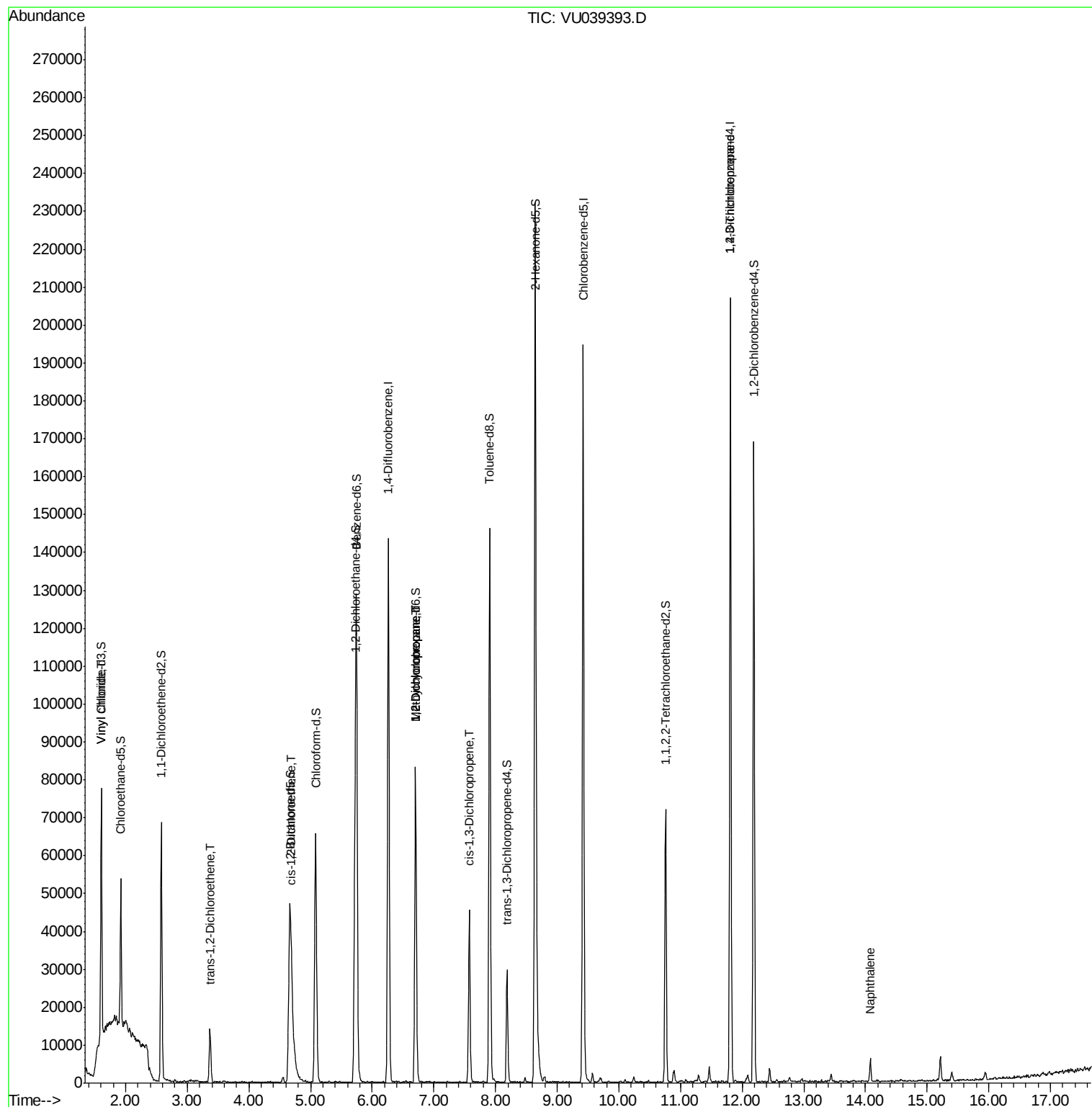
					Ovalue
5) Vinyl chloride	1.61	62	12175	1.386 ug/L #	11
18) trans-1,2-Dichloroethene	3.37	96	5447	0.768 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	3054	0.384 ug/L	83
35) Methylcyclohexane	6.70	83	8593	0.686 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4537	0.550 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1357	0.109 ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	7849	1.292 ug/L #	86
69) Naphthalene	14.08	128	4635	0.230 ug/L	97

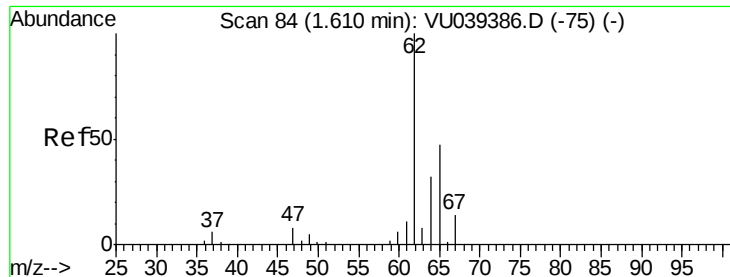
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.386 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039393.D

Acq: 09 Jul 2020 14:18

Instrument :

MSVOA_U

ClientSampleId :

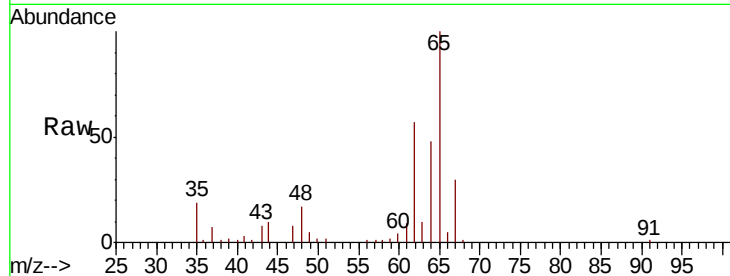
H4293

Tot Ion: 62 Resp: 12175

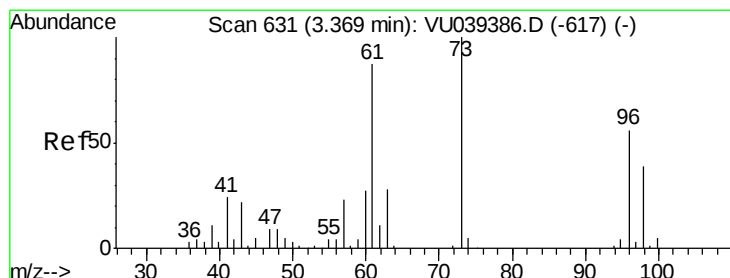
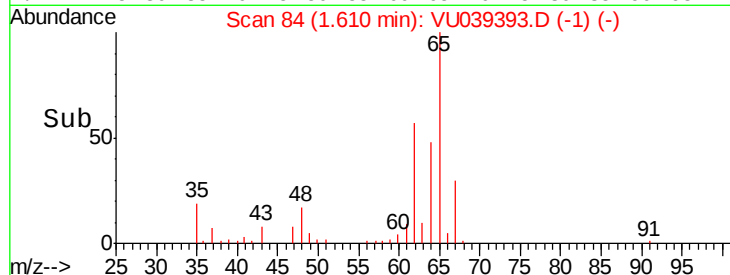
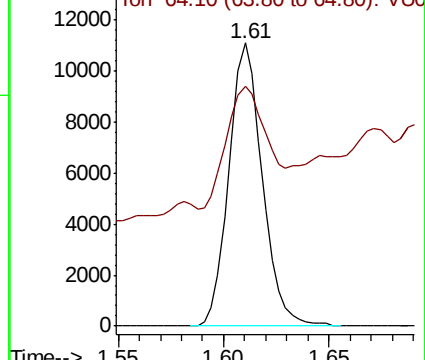
Ion Ratio Lower Upper

62 100

64 84.6 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU039393.D (-1) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.768 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU039393.D

Acq: 09 Jul 2020 14:18

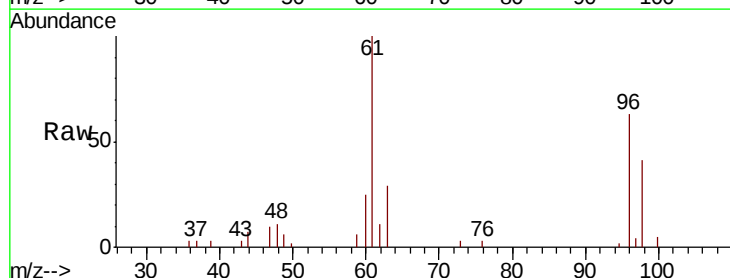
Tgt Ion: 96 Resp: 5447

Ion Ratio Lower Upper

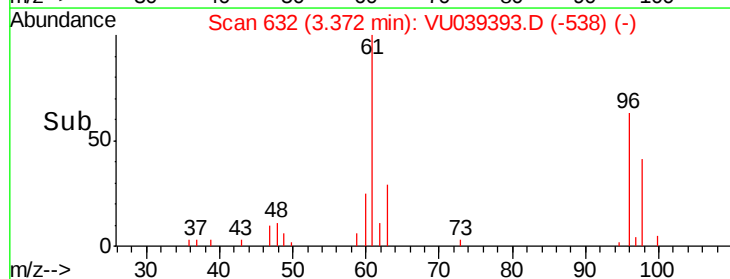
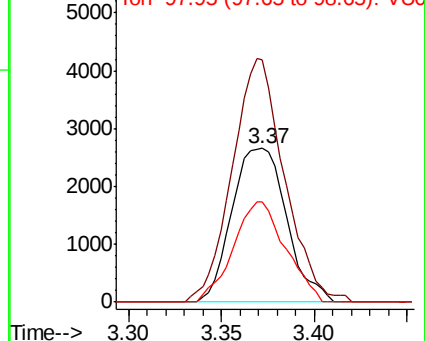
96 100

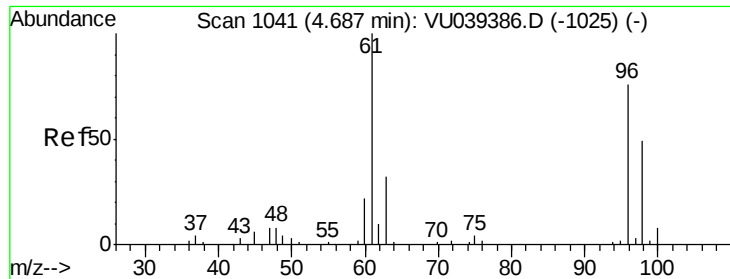
61 157.5 102.1 189.5

98 65.2 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU039393.D (-538) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.384 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039393.D

Acq: 09 Jul 2020 14:18

Instrument :

MSVOA_U

ClientSampleId :

H4293

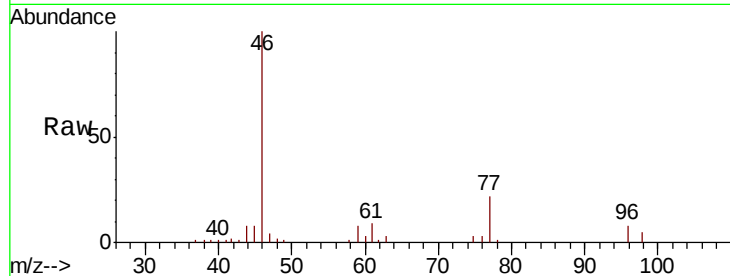
Tot Ion: 96 Resp: 3054

Ion Ratio Lower Upper

96 100

61 112.7 92.8 172.4

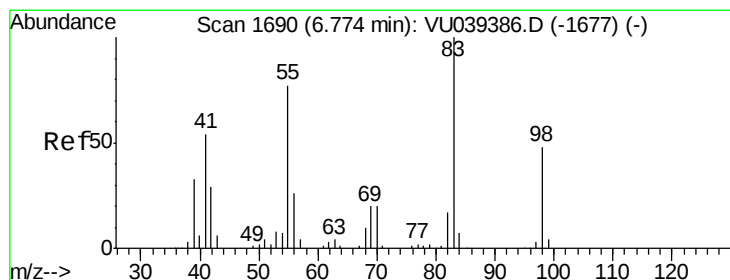
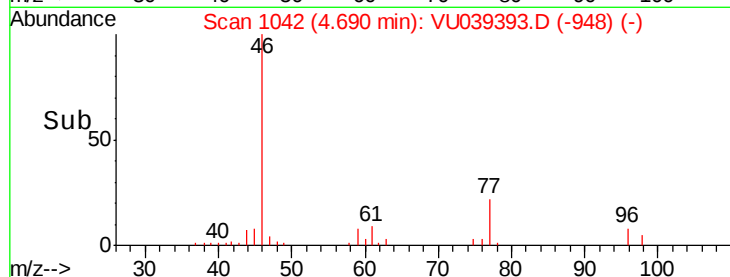
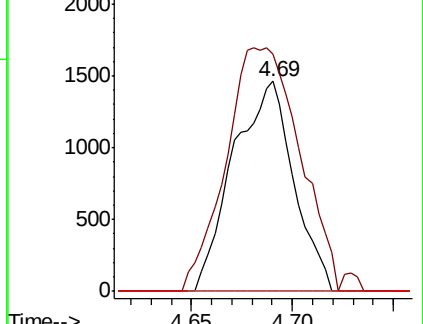
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039386.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU039386.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU039386.D (-1025) (-)



#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039393.D

Acq: 09 Jul 2020 14:18

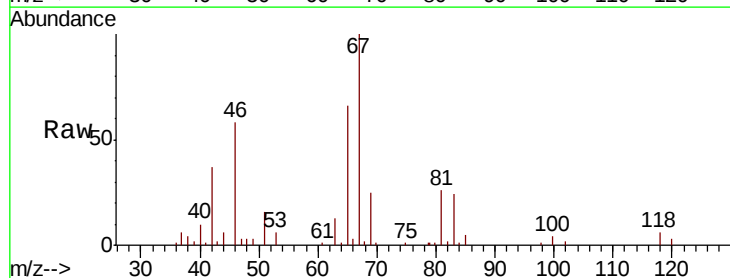
Tgt Ion: 83 Resp: 8593

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

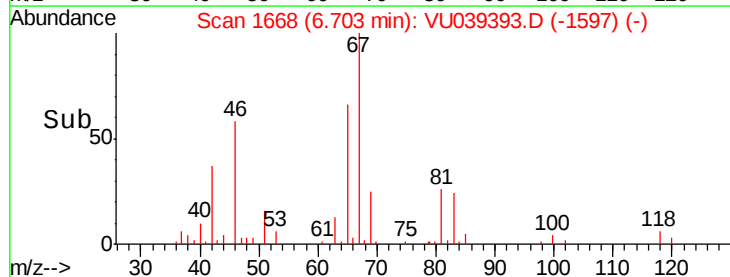
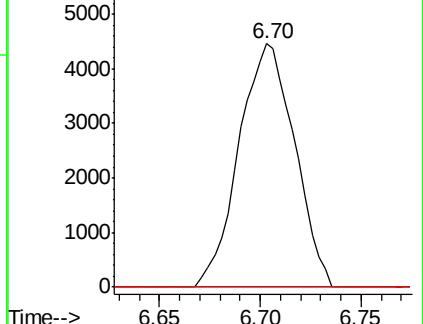
98 0.0 35.9 53.9#

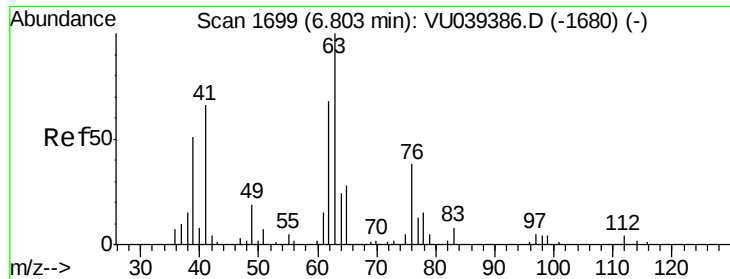


Abundance Ion 83.15 (82.85 to 83.85): VU039386.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU039386.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU039386.D (-1677) (-)





#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU039393.D

Acq: 09 Jul 2020 14:18

Instrument :

MSVOA_U

ClientSampled :

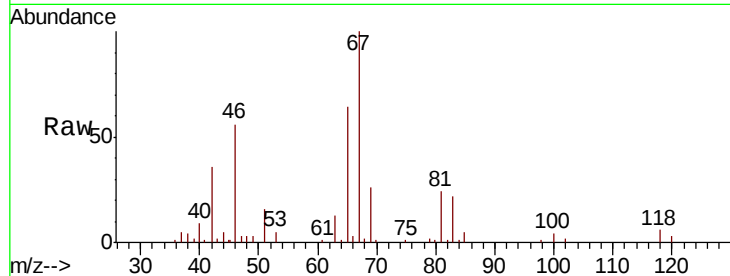
H4293

Tot Ion: 63 Resp: 4537

Ion Ratio Lower Upper

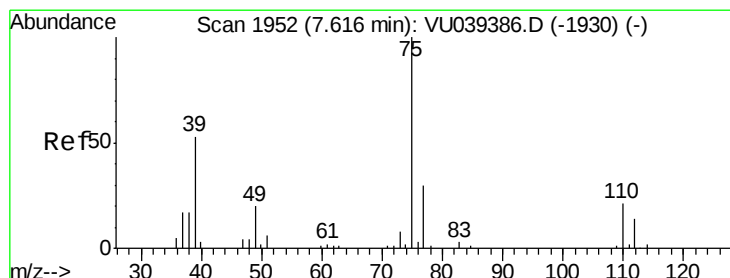
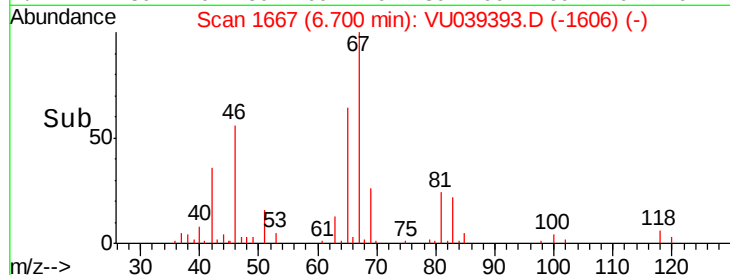
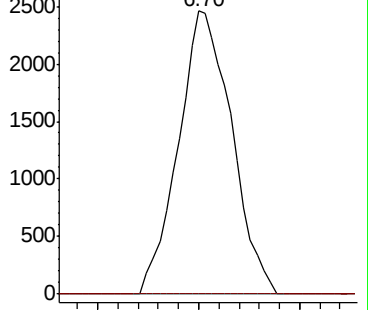
63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039393.D (-1667) (-)

Ion 112.10 (111.80 to 112.80): VU039393.D (-1667) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039393.D

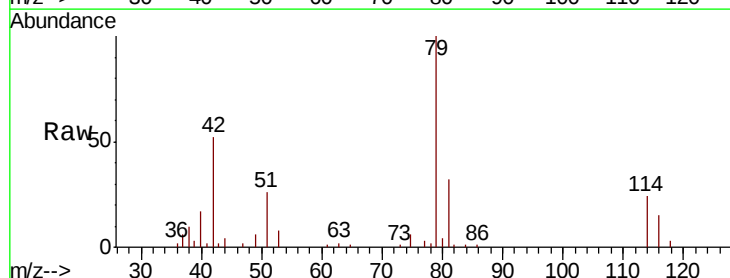
Acq: 09 Jul 2020 14:18

Tgt Ion: 75 Resp: 1357

Ion Ratio Lower Upper

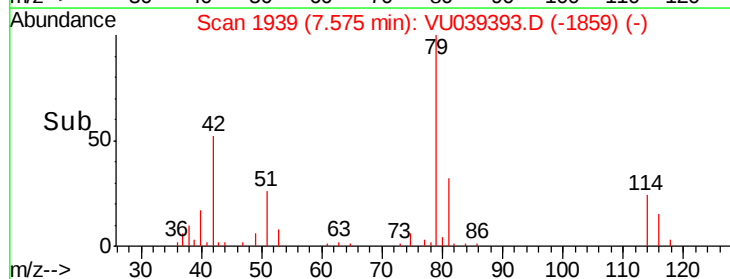
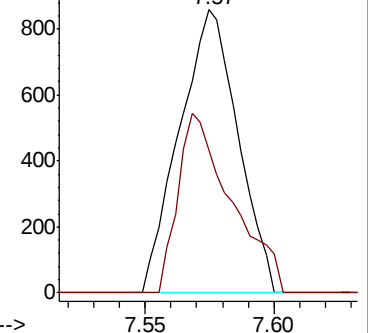
75 100

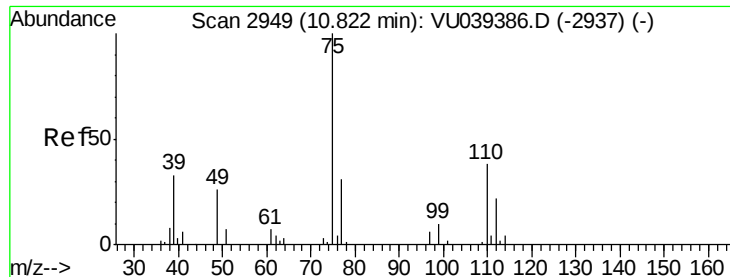
77 50.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039393.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU039393.D (-1859) (-)

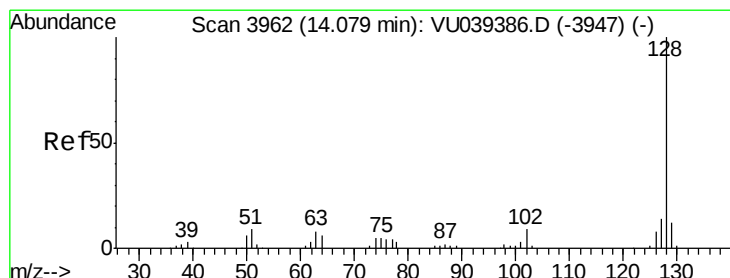
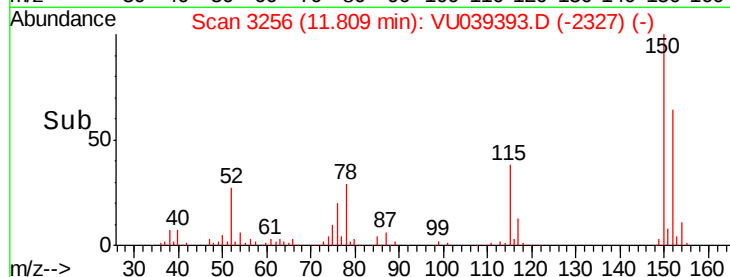
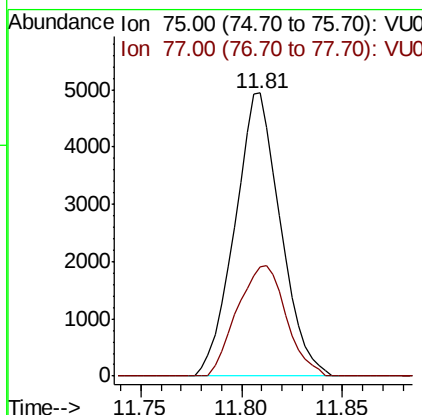
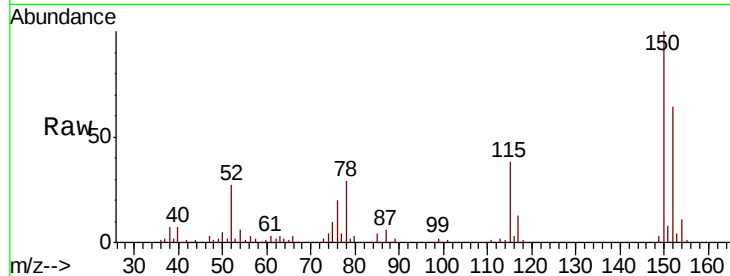




#59
 1,2,3-Trichloropropane
 Concen: 1.292 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039393.D
 Acq: 09 Jul 2020 14:18

Instrument :
 MSVOA_U
 ClientSampled :
 H4293

Tot Ion: 75 Resp: 7849
 Ion Ratio Lower Upper
 75 100
 77 41.7 26.8 40.2#



#69
 Naphthalene
 Concen: 0.230 ug/L
 RT: 14.08 min Scan# 3962
 Delta R.T. 0.00 min
 Lab File: VU039393.D
 Acq: 09 Jul 2020 14:18

Tgt Ion: 128 Resp: 4635
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 11.3 10.4 15.6

