

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039070.D
 Acq On : 24 Jun 2020 17:59
 Operator : SY/MD
 Sample : L3109-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F18

Quant Time: Jun 25 01:04:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260791	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	266234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	110167	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101874	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.93	69	90309	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.59	63	148887	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.67	46	404372	58.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.34%
24) Chloroform-d	5.10	84	205330	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.74	65	127639	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	400016	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.72	67	134125	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.92	98	310634	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.20	79	53300	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.65	63	315758	56.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121100	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	119701	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

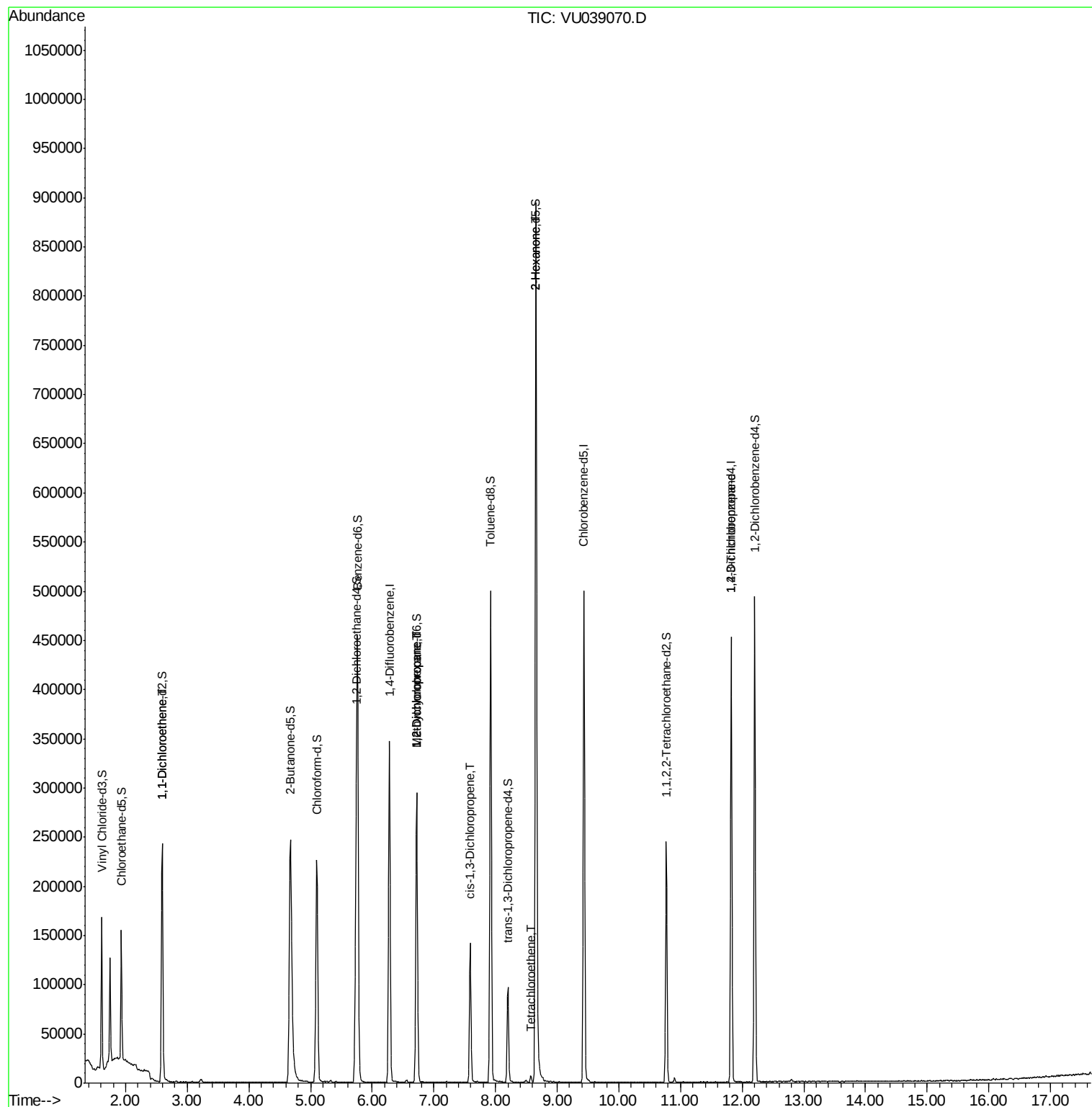
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1132	0.063 ug/L #	1
35) Methylcyclohexane	6.72	83	31235	1.040 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15332	0.677 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3405	0.108 ug/L #	69
47) Tetrachloroethene	8.57	164	1472	0.101 ug/L	93
48) 2-Hexanone	8.65	43	39708	3.202 ug/L #	68
59) 1,2,3-Trichloropropane	11.82	75	15647	0.916 ug/L	92

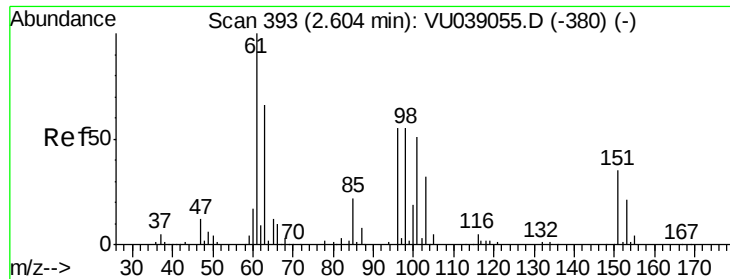
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 01:01:17 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU039070.D

Acq: 24 Jun 2020 17:59

Instrument :

MSVOA_U

ClientSampleId :

F9F18

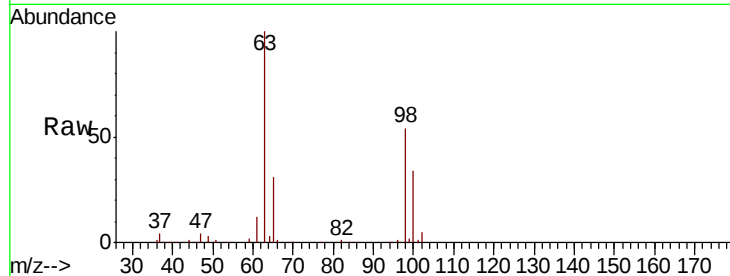
Tot Ion: 96 Resp: 1132

Ion Ratio Lower Upper

96 100

61 1359.4 125.1 232.3#

63 11088.5 82.3 152.8#



Abundance Ion 96.00 (95.70 to 96.70): VU039055.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU039055.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU039055.D (-380) (-)

120000

100000

80000

60000

40000

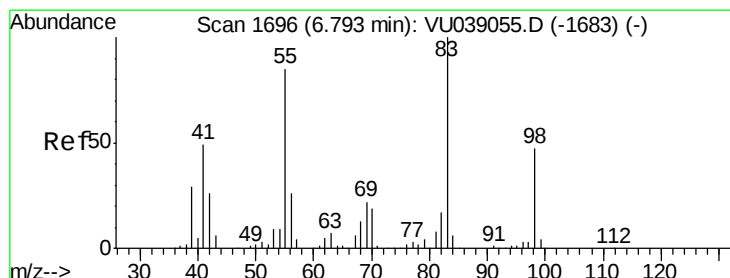
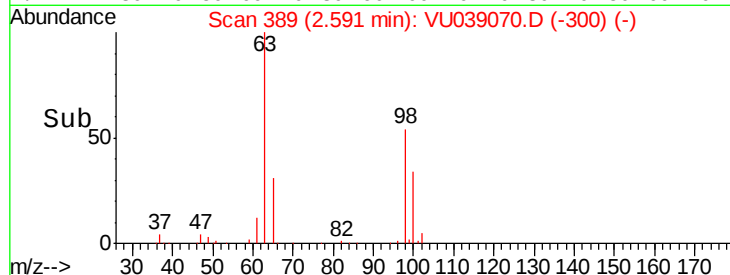
20000

0

2.55

2.60

Time-->



#35

Methylcyclohexane

Concen: 1.040 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039070.D

Acq: 24 Jun 2020 17:59

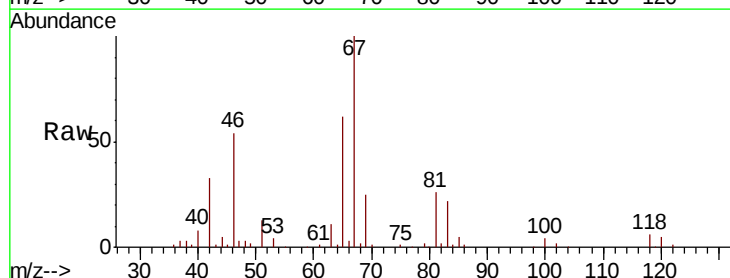
Tgt Ion: 83 Resp: 31235

Ion Ratio Lower Upper

83 100

55 0.2 65.5 98.3#

98 1.0 36.5 54.7#



Abundance Ion 83.15 (82.85 to 83.85): VU039055.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039055.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039055.D (-1683) (-)

20000

15000

10000

5000

0

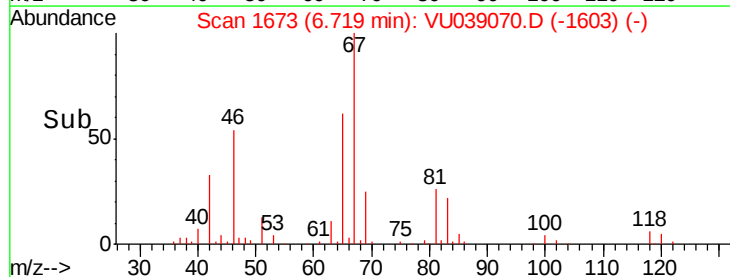
6.65

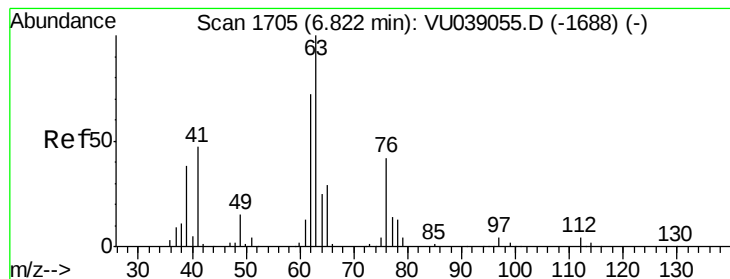
6.70

6.75

6.80

Time-->





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039070.D

Acq: 24 Jun 2020 17:59

Instrument :

MSVOA_U

ClientSampleId :

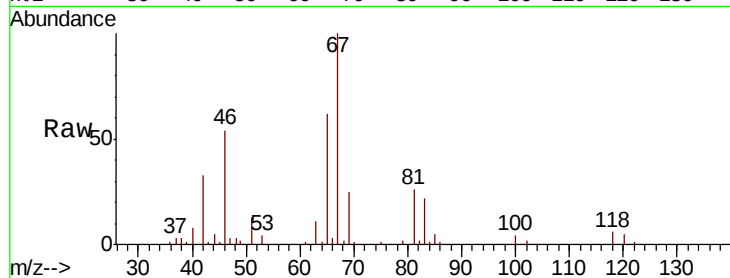
F9F18

Tot Ion: 63 Resp: 15332

Ion Ratio Lower Upper

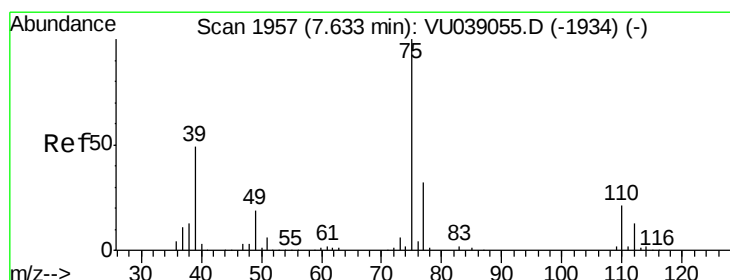
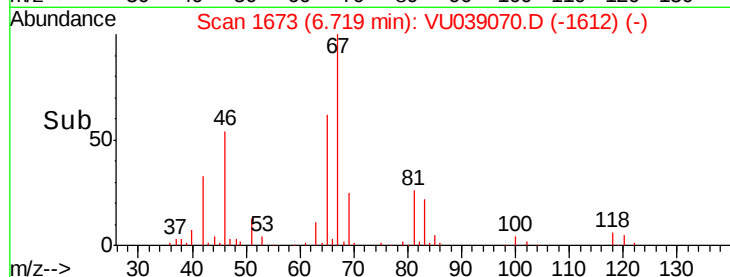
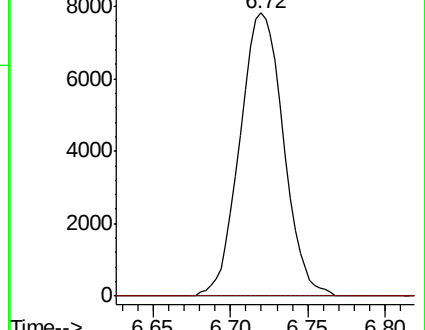
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039070.D (-1612) (-)

Ion 112.10 (111.80 to 112.80): VU039070.D (-1612) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU039070.D

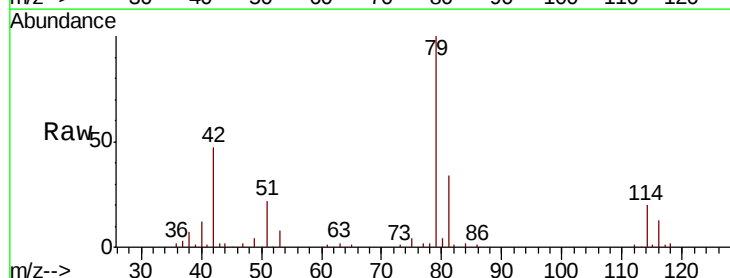
Acq: 24 Jun 2020 17:59

Tgt Ion: 75 Resp: 3405

Ion Ratio Lower Upper

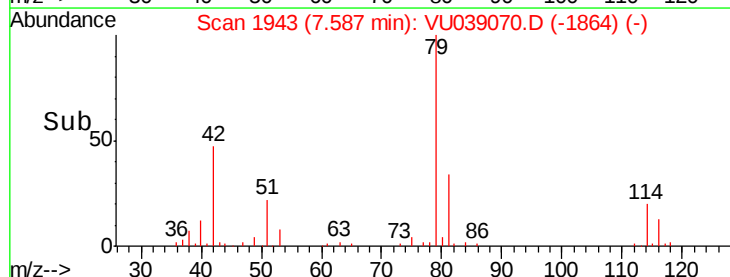
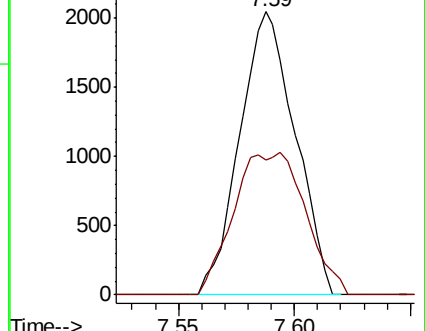
75 100

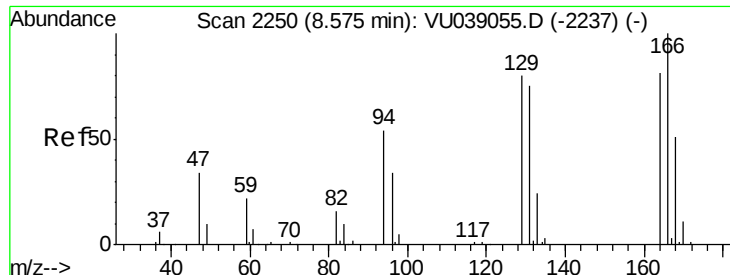
77 47.7 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039070.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU039070.D (-1864) (-)





#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 8.57 min Scan# 2248

Delta R.T. -0.01 min

Lab File: VU039070.D

Acq: 24 Jun 2020 17:59

Instrument :

MSVOA_U

ClientSampleId :

F9F18

Tot Ion:164 Resp: 1472

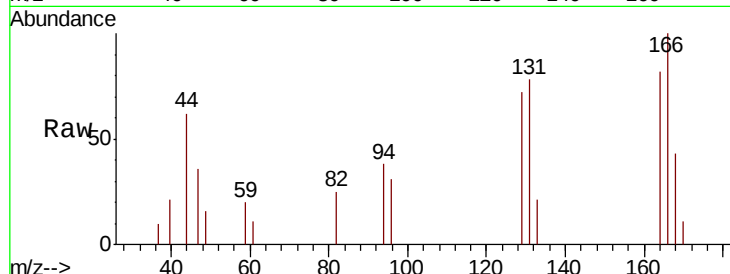
Ion Ratio Lower Upper

164 100

129 87.8 71.3 132.5

131 95.9 68.3 126.8

166 122.2 90.8 168.6

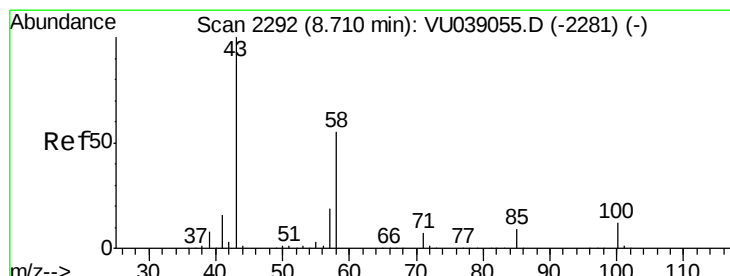
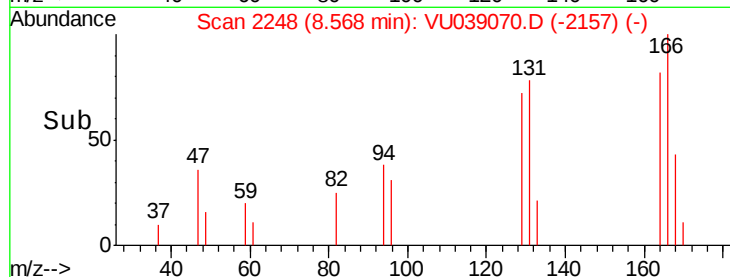
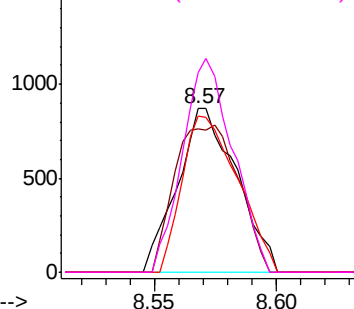


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.202 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039070.D

Acq: 24 Jun 2020 17:59

Tgt Ion: 43 Resp: 39708

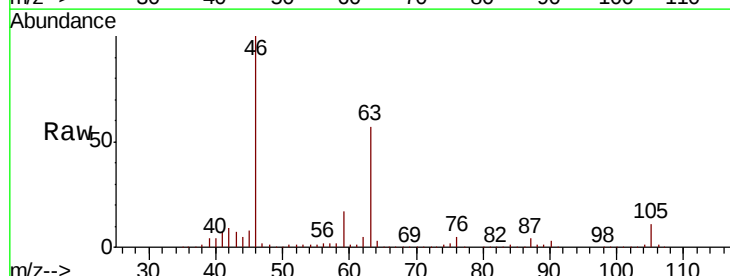
Ion Ratio Lower Upper

43 100

58 29.2 44.0 66.0#

57 30.3 15.0 22.6#

100 1.9 9.4 14.2#

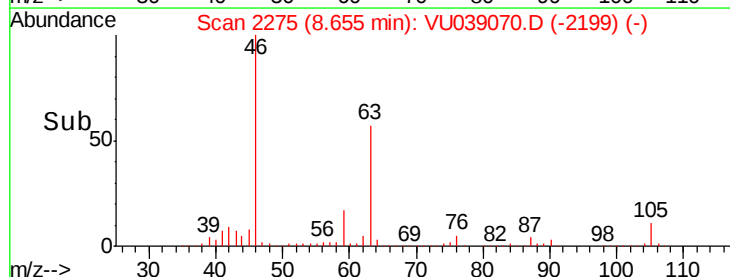
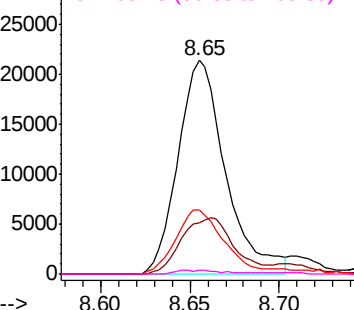


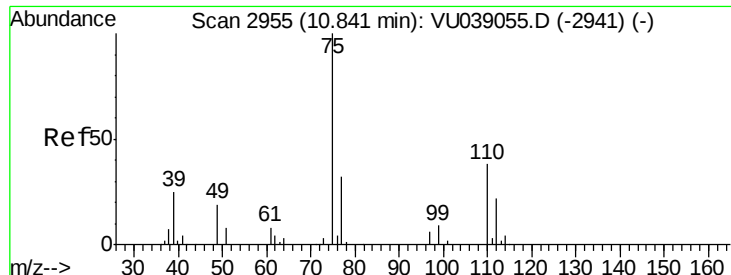
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.916 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039070.D

Acq: 24 Jun 2020 17:59

Instrument :

MSVOA_U

ClientSampleId :

F9F18

Tot Ion: 75 Resp: 15647

Ion Ratio Lower Upper

75 100

77 37.2 26.2 39.2

