

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062620\
 Data File : VU039164.D
 Acq On : 26 Jun 2020 15:03
 Operator : SY/MD
 Sample : L3121-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F00DLRE

Quant Time: Jun 26 23:55:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	218535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	228004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	98653	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44558	2.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.60%
7) Chloroethane-d5	1.93	69	43456	3.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.80%
11) 1,1-Dichloroethene-d2	2.59	63	73255	2.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.60%#
20) 2-Butanone-d5	4.68	46	216869	37.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.10%
24) Chloroform-d	5.10	84	105361	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.00%#
26) 1,2-Dichloroethane-d4	5.74	65	66013	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
32) Benzene-d6	5.76	84	191646	3.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.60%#
36) 1,2-Dichloropropane-d6	6.72	67	66869	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.00%
41) Toluene-d8	7.92	98	146352	2.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.40%#
43) trans-1,3-Dichloropropene-	8.20	79	24883	2.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.80%#
46) 2-Hexanone-d5	8.66	63	156789	32.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	59110	2.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.80%#
64) 1,2-Dichlorobenzene-d4	12.20	152	61689	3.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.20%#

Target Compounds

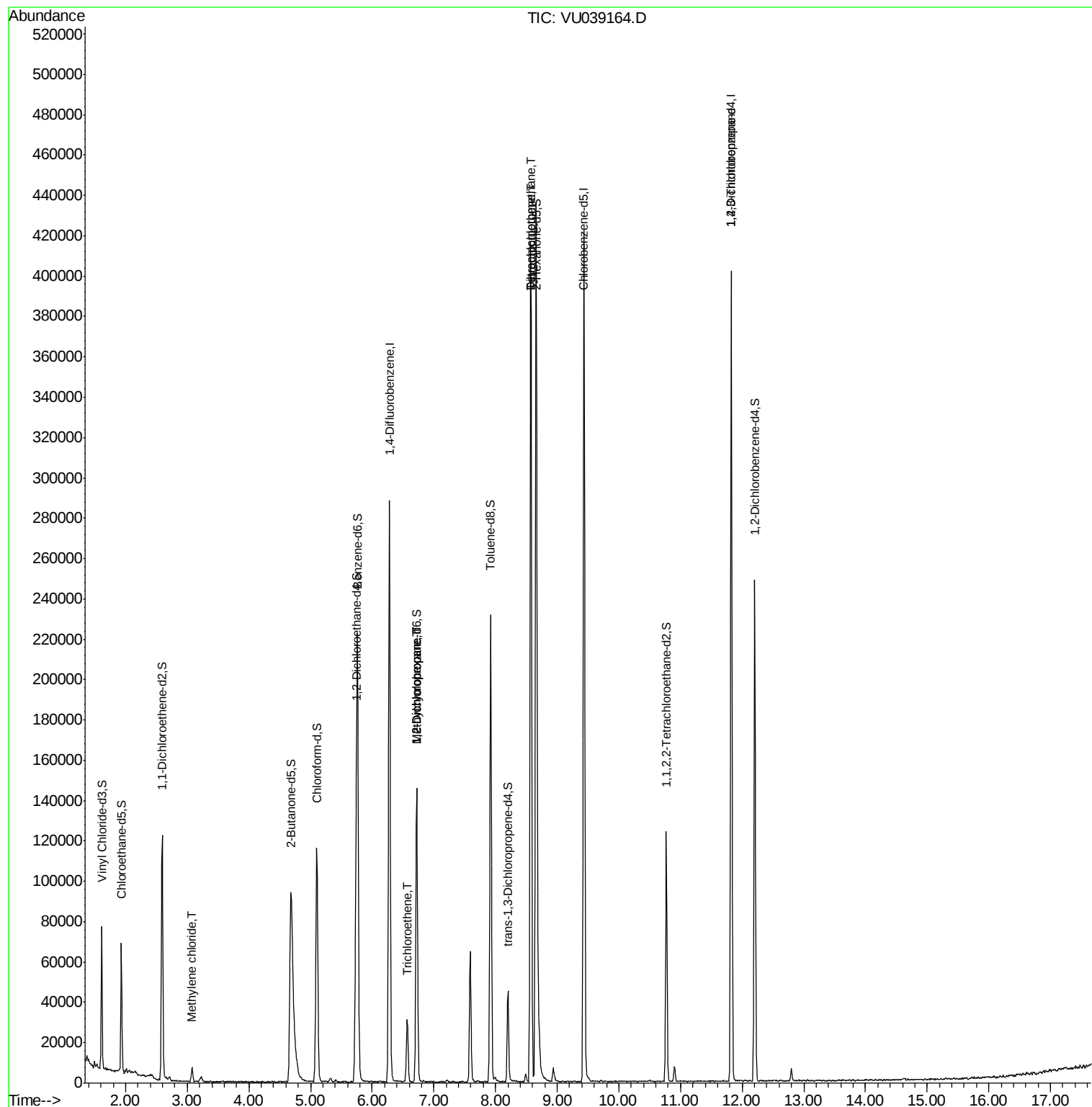
					Ovalue
16) Methylene chloride	3.08	84	2855	0.153 ug/L	85
34) Trichloroethene	6.57	95	9163	0.529 ug/L	94
35) Methylcyclohexane	6.72	83	15908	0.619 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	7628	0.393 ug/L #	87
47) Tetrachloroethene	8.57	164	88545	7.090 ug/L	97
49) Dibromochloromethane	8.57	129	85732	5.466 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	13532	0.925 ug/L	92

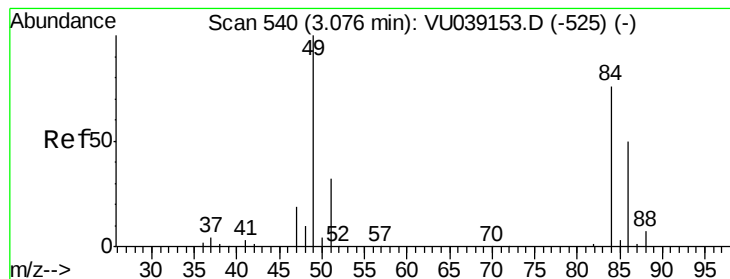
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 23:52:58 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.153 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU039164.D

Acq: 26 Jun 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

F9F00DLRE

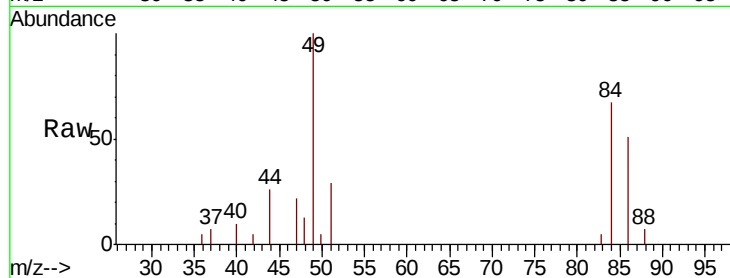
Tot Ion: 84 Resp: 2855

Ion Ratio Lower Upper

84 100

86 76.2 44.1 81.9

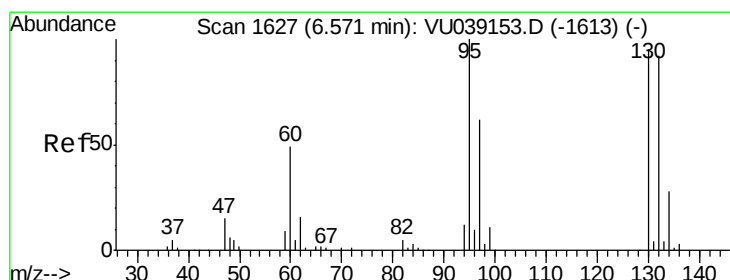
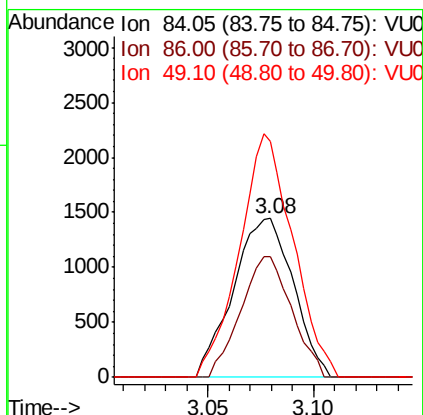
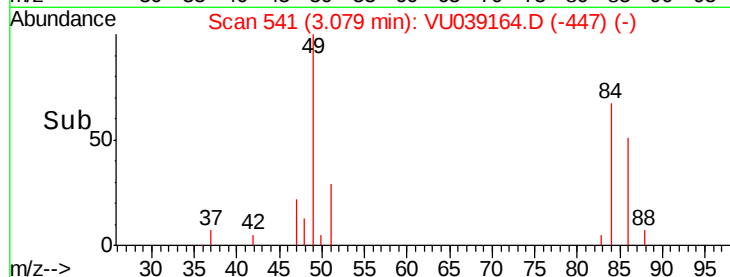
49 148.8 93.1 172.9



Abundance Ion 84.05 (83.75 to 84.75): VU039164.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039164.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039164.D (-447) (-)



#34

Trichloroethene

Concen: 0.529 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU039164.D

Acq: 26 Jun 2020 15:03

Tgt Ion: 95 Resp: 9163

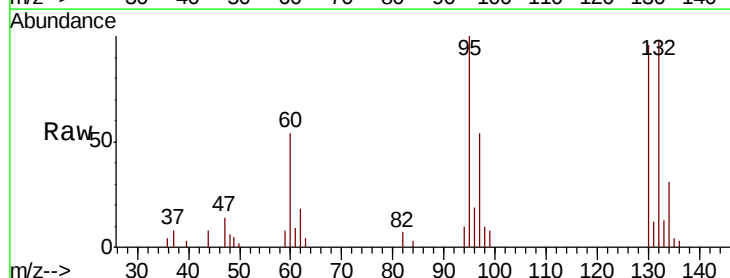
Ion Ratio Lower Upper

95 100

97 54.1 45.1 83.7

132 97.9 65.1 120.9

130 95.8 68.6 127.4

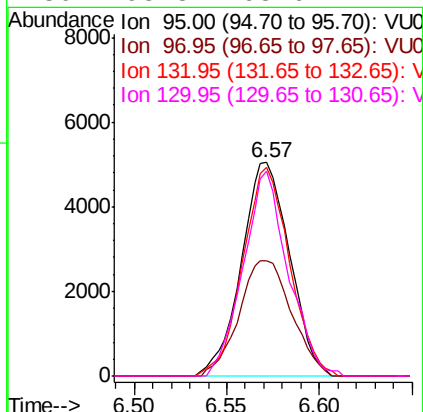
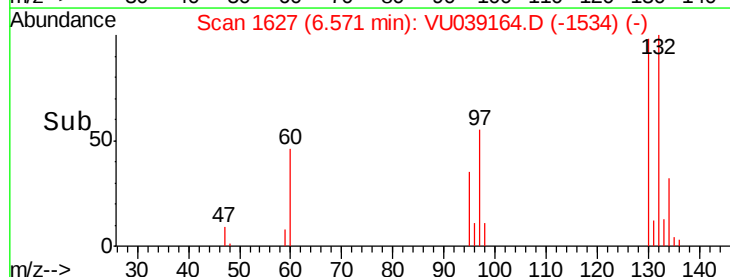


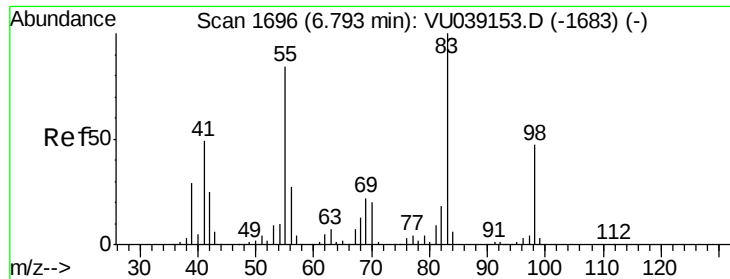
Abundance Ion 95.00 (94.70 to 95.70): VU039164.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU039164.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU039164.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU039164.D (-1534) (-)

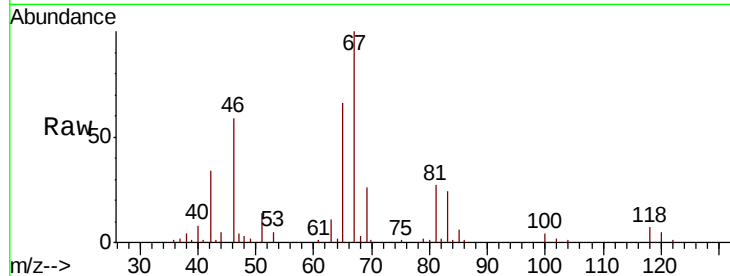




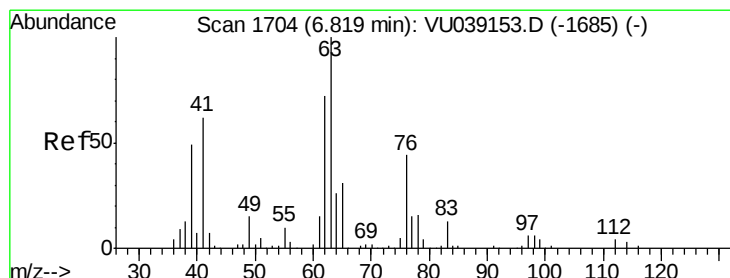
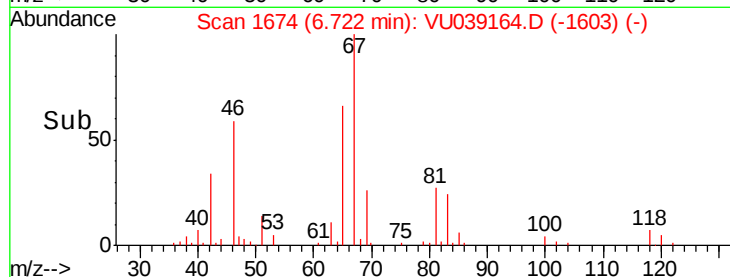
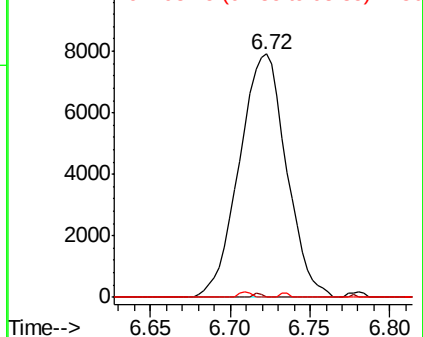
#35
Methvlcvclohexane
Concen: 0.619 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039164.D
Acq: 26 Jun 2020 15:03

Instrument :
MSVOA_U
ClientSampleId :
F9F00DLRE

Tot Ion: 83 Resp: 15908
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 0.5 36.5 54.7#

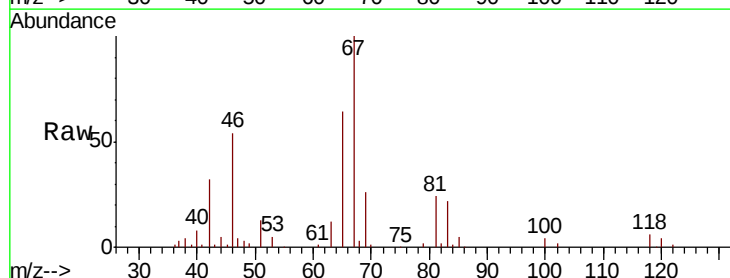


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

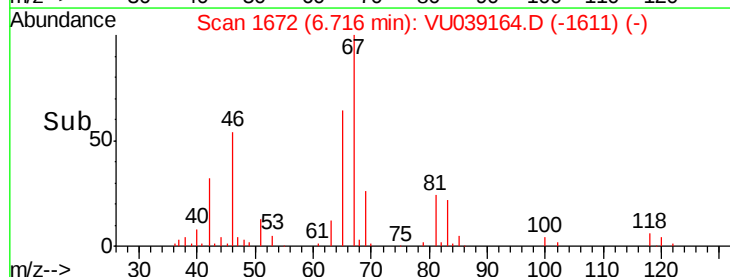
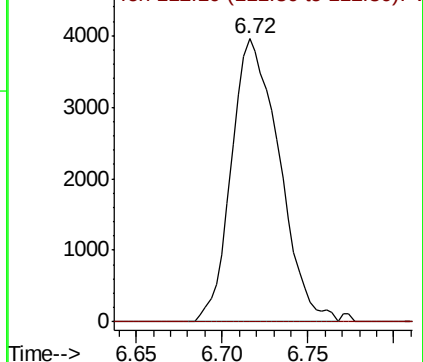


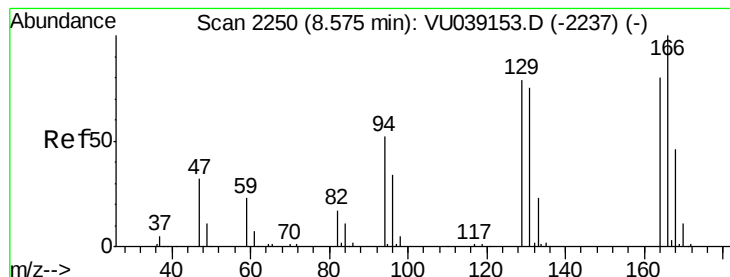
#37
1,2-Dichloropropane
Concen: 0.393 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.10 min
Lab File: VU039164.D
Acq: 26 Jun 2020 15:03

Tgt Ion: 63 Resp: 7628
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 7.090 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU039164.D

Acq: 26 Jun 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

F9F00DLRE

Tot Ion:164 Resp: 88545

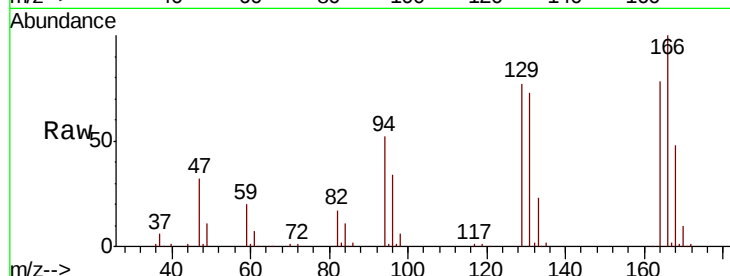
Ion Ratio Lower Upper

164 100

129 98.6 71.3 132.5

131 93.4 68.3 126.8

166 128.2 90.8 168.6



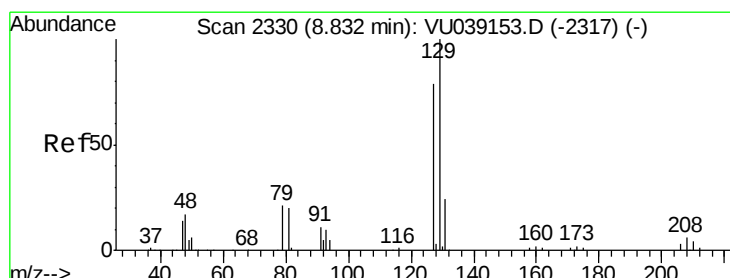
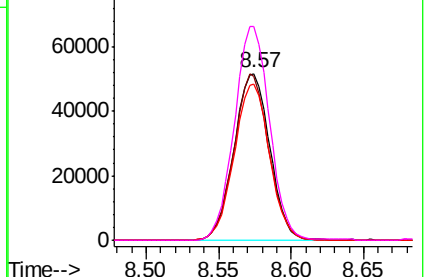
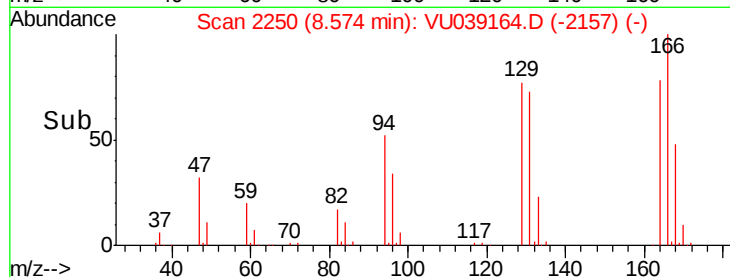
Abundance Ion 163.90 (163.60 to 164.60): V

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

Time-->



#49

Dibromochloromethane

Concen: 5.466 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039164.D

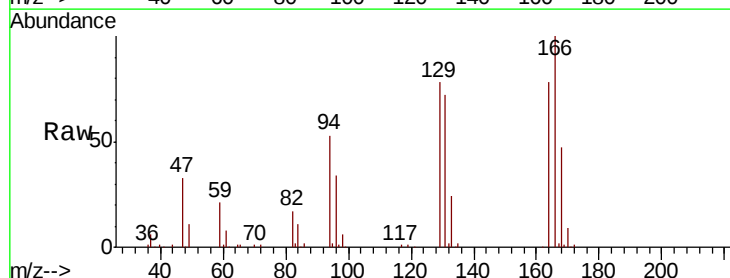
Acq: 26 Jun 2020 15:03

Tgt Ion:129 Resp: 85732

Ion Ratio Lower Upper

129 100

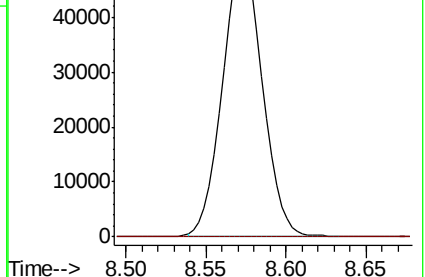
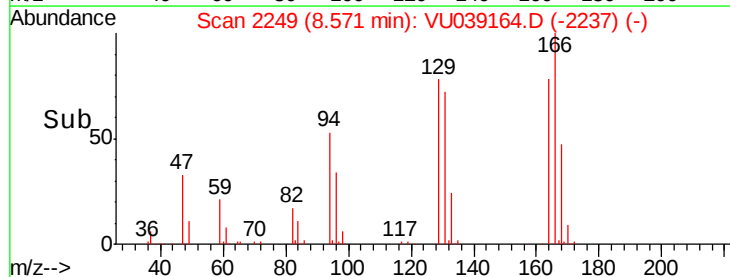
127 0.0 55.4 103.0#

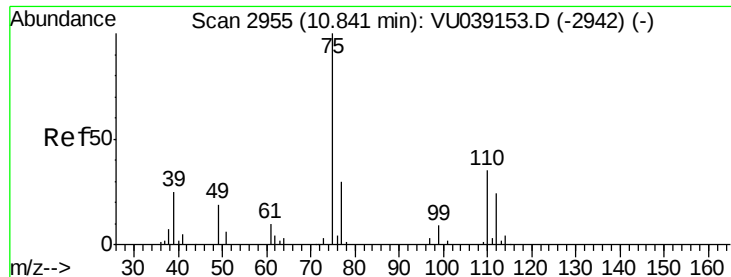


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.925 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039164.D

Acq: 26 Jun 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

F9F00DLRE

Tot Ion: 75 Resp: 13532

Ion Ratio Lower Upper

75 100

77 37.1 26.2 39.2

