

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039116.D
 Acq On : 25 Jun 2020 15:15
 Operator : SY/MD
 Sample : L3109-13DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F57DL

Quant Time: Jun 26 01:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254452	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86831	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	80047	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	133325	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.68	46	420381	62.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.02%
24) Chloroform-d	5.10	84	197220	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.74	65	125304	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.76	84	373170	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.72	67	126937	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.92	98	285129	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	51857	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.66	63	332220	61.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118402	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	120756	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

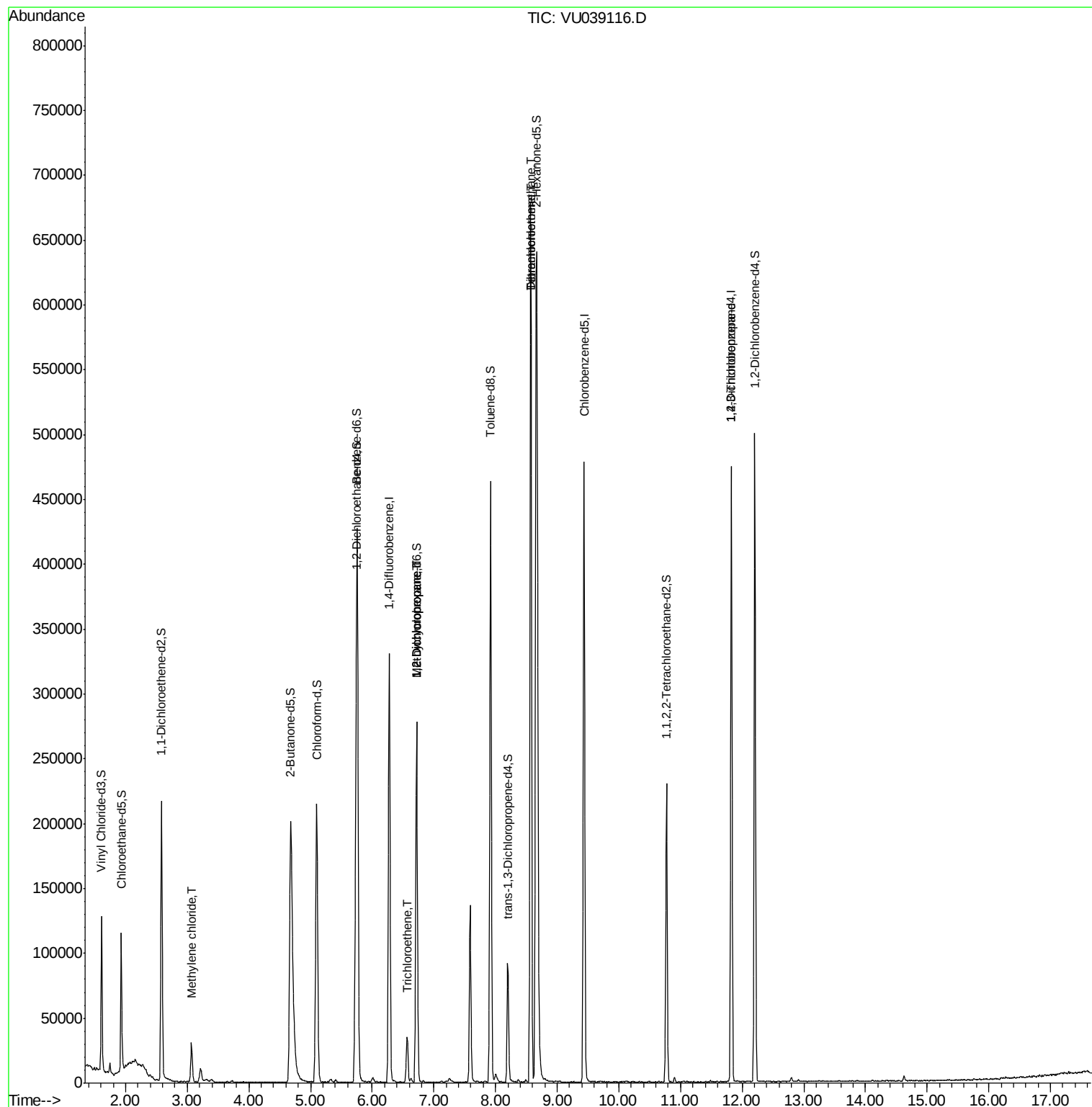
					Ovalue
16) Methylene chloride	3.07	84	13113	0.603 ug/L	97
34) Trichloroethene	6.57	95	11170	0.573 ug/L	94
35) Methylcyclohexane	6.72	83	30944	1.070 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14359	0.658 ug/L #	87
47) Tetrachloroethene	8.57	164	140132	9.975 ug/L	97
49) Dibromochloromethane	8.57	129	137888	7.815 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	16724	1.016 ug/L	94

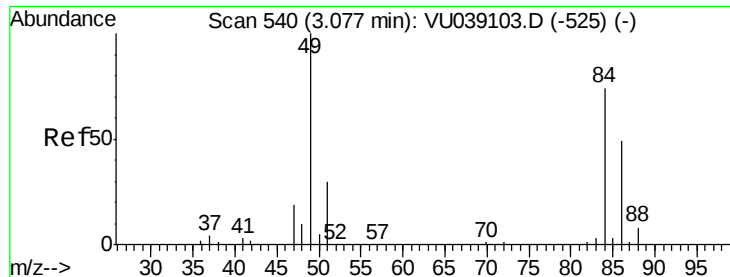
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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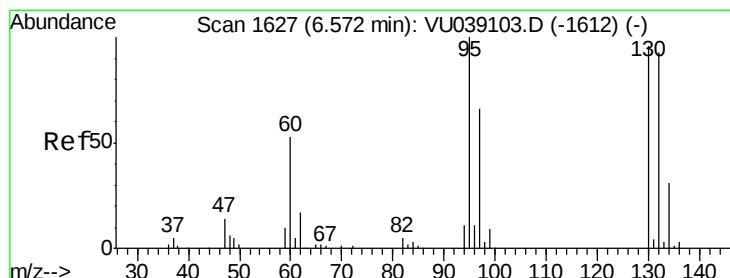
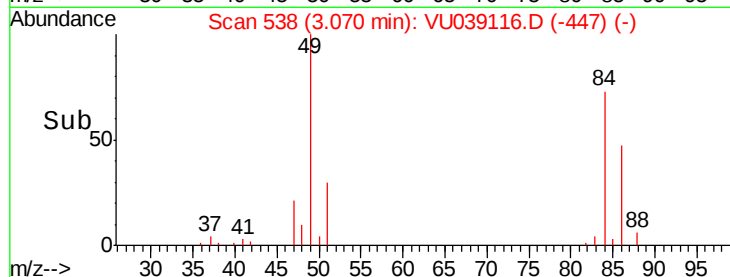
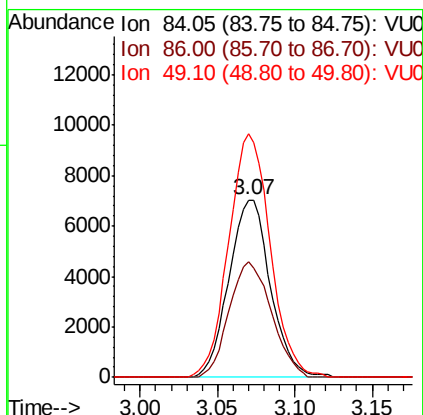
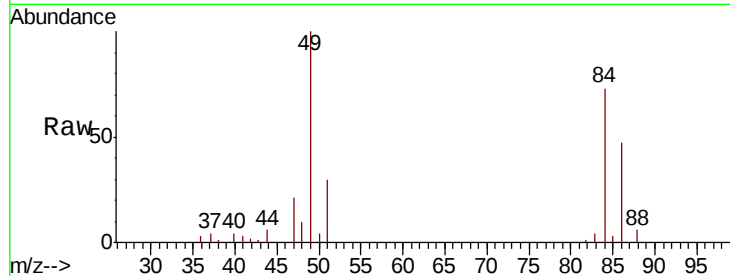




#16
Methvlene chloride
Concen: 0.603 ug/L
RT: 3.07 min Scan# 538
Delta R.T. -0.01 min
Lab File: VU039116.D
Acq: 25 Jun 2020 15:15

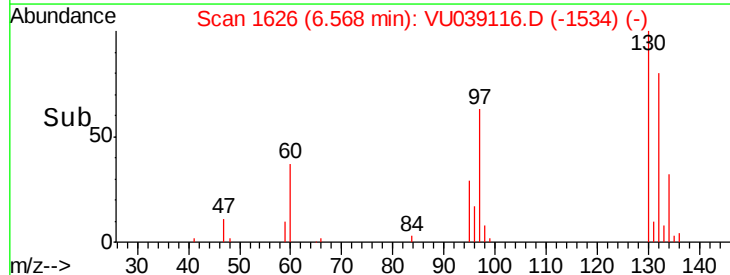
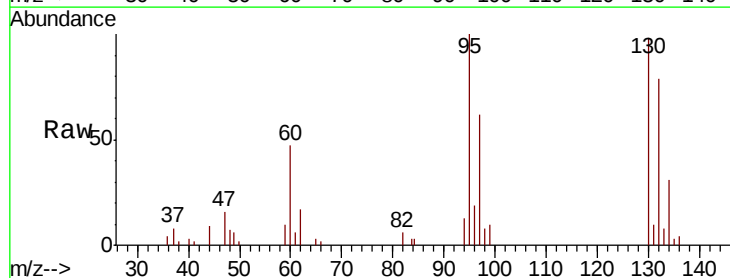
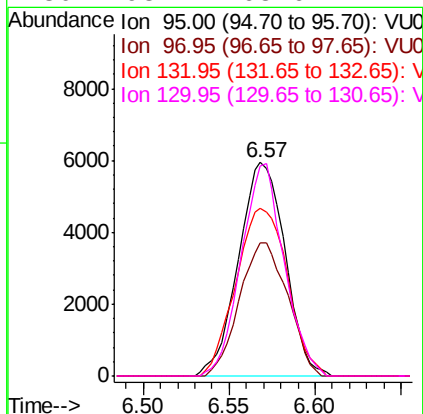
Instrument :
MSVOA_U
ClientSampleId :
F9F57DL

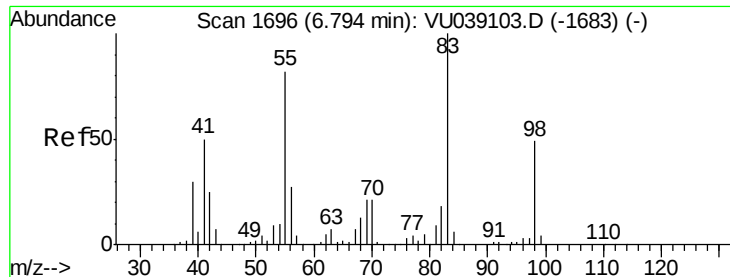
Tot Ion: 84 Resp: 13113
Ion Ratio Lower Upper
84 100
86 65.0 44.1 81.9
49 137.2 93.1 172.9



#34
Trichloroethene
Concen: 0.573 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039116.D
Acq: 25 Jun 2020 15:15

Tgt Ion: 95 Resp: 11170
Ion Ratio Lower Upper
95 100
97 62.3 45.1 83.7
132 78.6 65.1 120.9
130 98.1 68.6 127.4

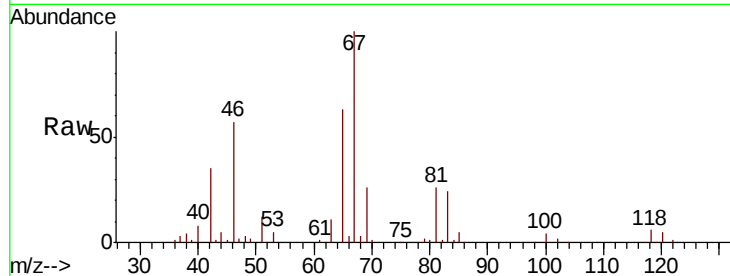




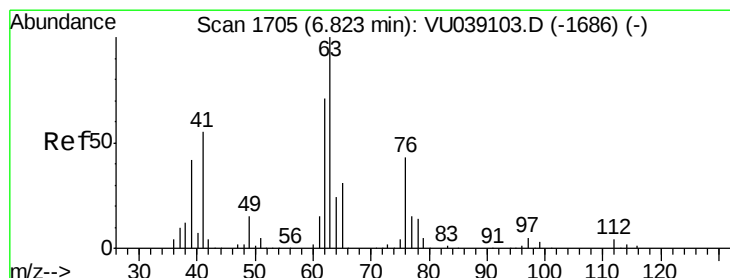
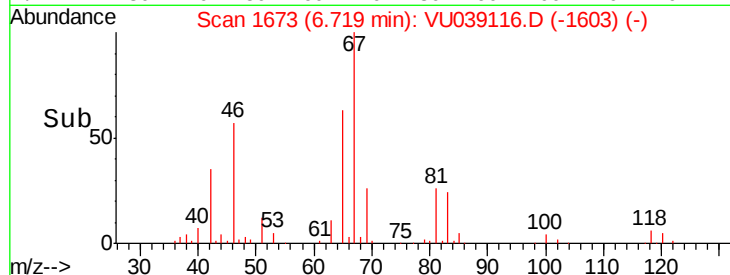
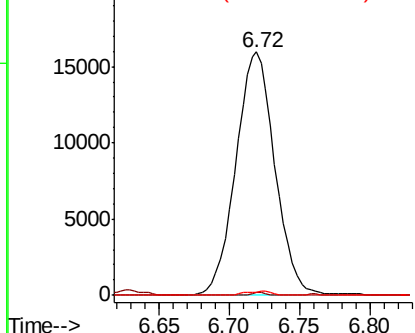
#35
Methvlcvclohexane
Concen: 1.070 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039116.D
Acq: 25 Jun 2020 15:15

Instrument :
MSVOA_U
ClientSampleId :
F9F57DL

Tot Ion: 83 Resp: 30944
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.1 36.5 54.7#

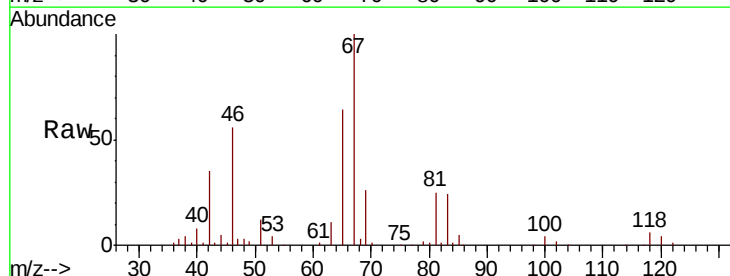


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

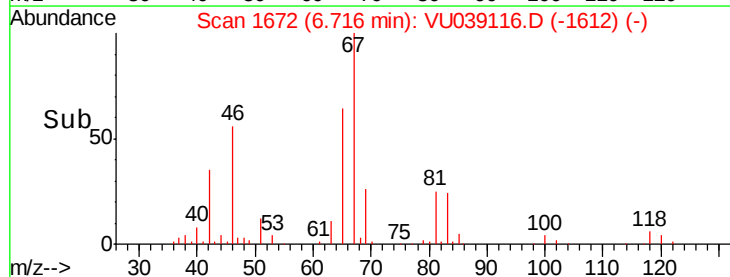
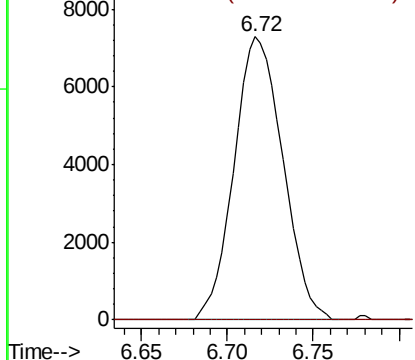


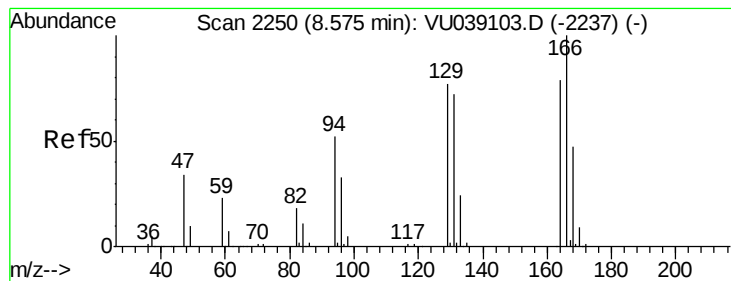
#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.11 min
Lab File: VU039116.D
Acq: 25 Jun 2020 15:15

Tgt Ion: 63 Resp: 14359
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: 9.975 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039116.D

Acq: 25 Jun 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

F9F57DL

Tot Ion:164 Resp: 140132

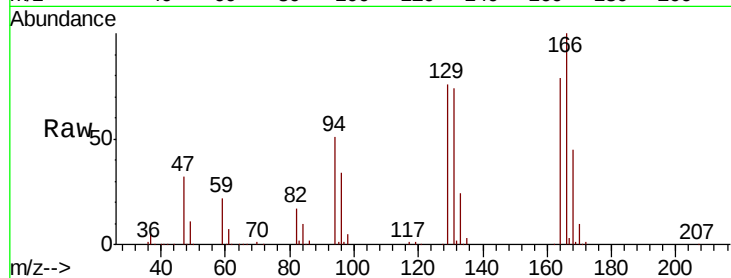
Ion Ratio Lower Upper

164 100

129 96.6 71.3 132.5

131 94.7 68.3 126.8

166 127.2 90.8 168.6



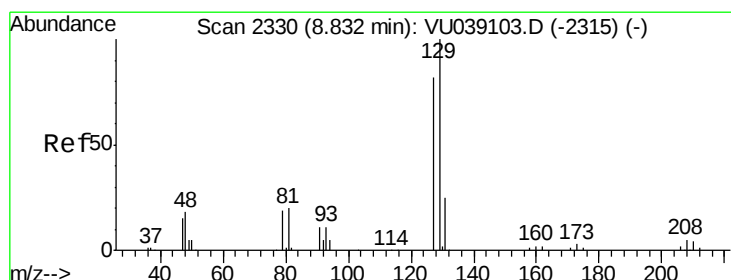
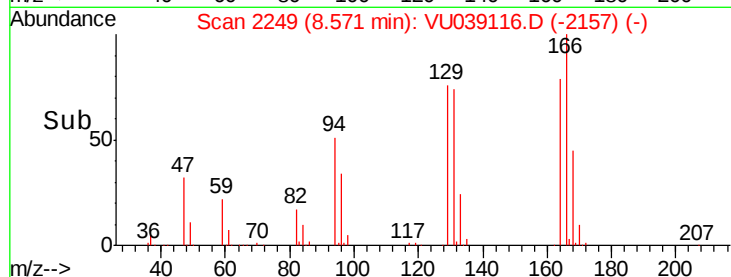
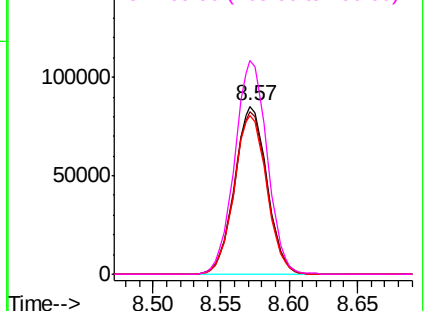
Abundance

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



#49

Dibromochloromethane

Concen: 7.815 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039116.D

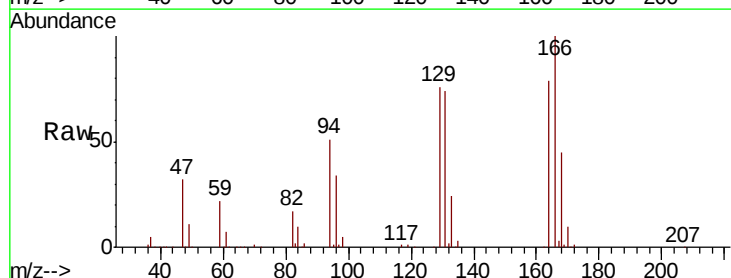
Acq: 25 Jun 2020 15:15

Tgt Ion:129 Resp: 137888

Ion Ratio Lower Upper

129 100

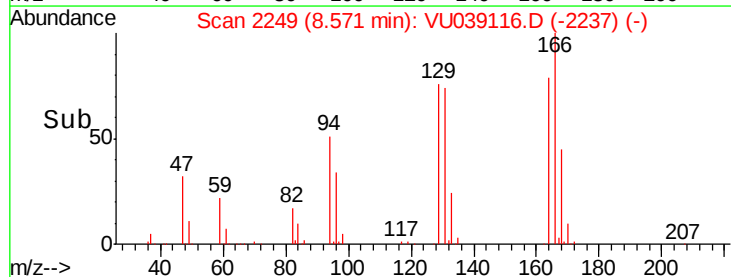
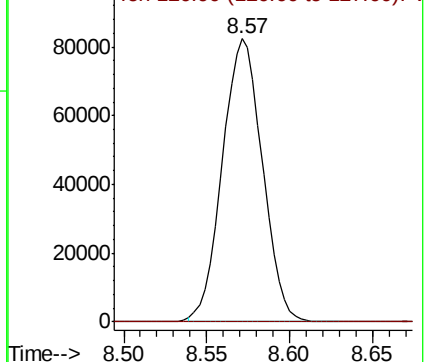
127 0.2 55.4 103.0#

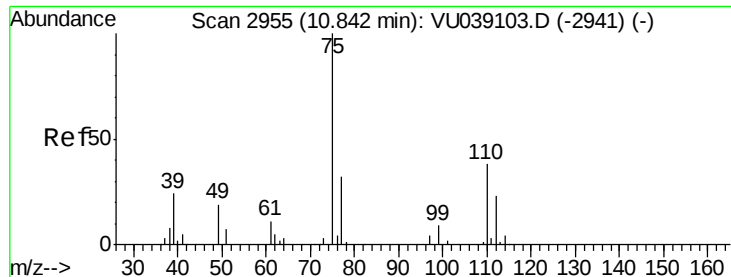


Abundance

Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.016 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039116.D

Acq: 25 Jun 2020 15:15

Instrument :

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ClientSampleId :

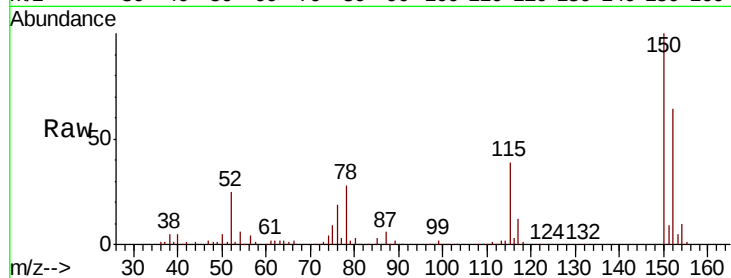
F9F57DL

Tot Ion: 75 Resp: 16724

Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

