

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\
 Data File : VU037739.D
 Acq On : 15 Apr 2020 17:32
 Operator : JC/MD
 Sample : L2275-21
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 01:29:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 01:23:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267257	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123882	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94229	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	83084	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.59	63	123380	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	294001	52.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.86%
24) Chloroform-d	5.10	84	157473	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.74	65	95326	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.76	84	340172	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	114501	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	304288	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	47373	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.65	63	266933	51.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89250	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	109648	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

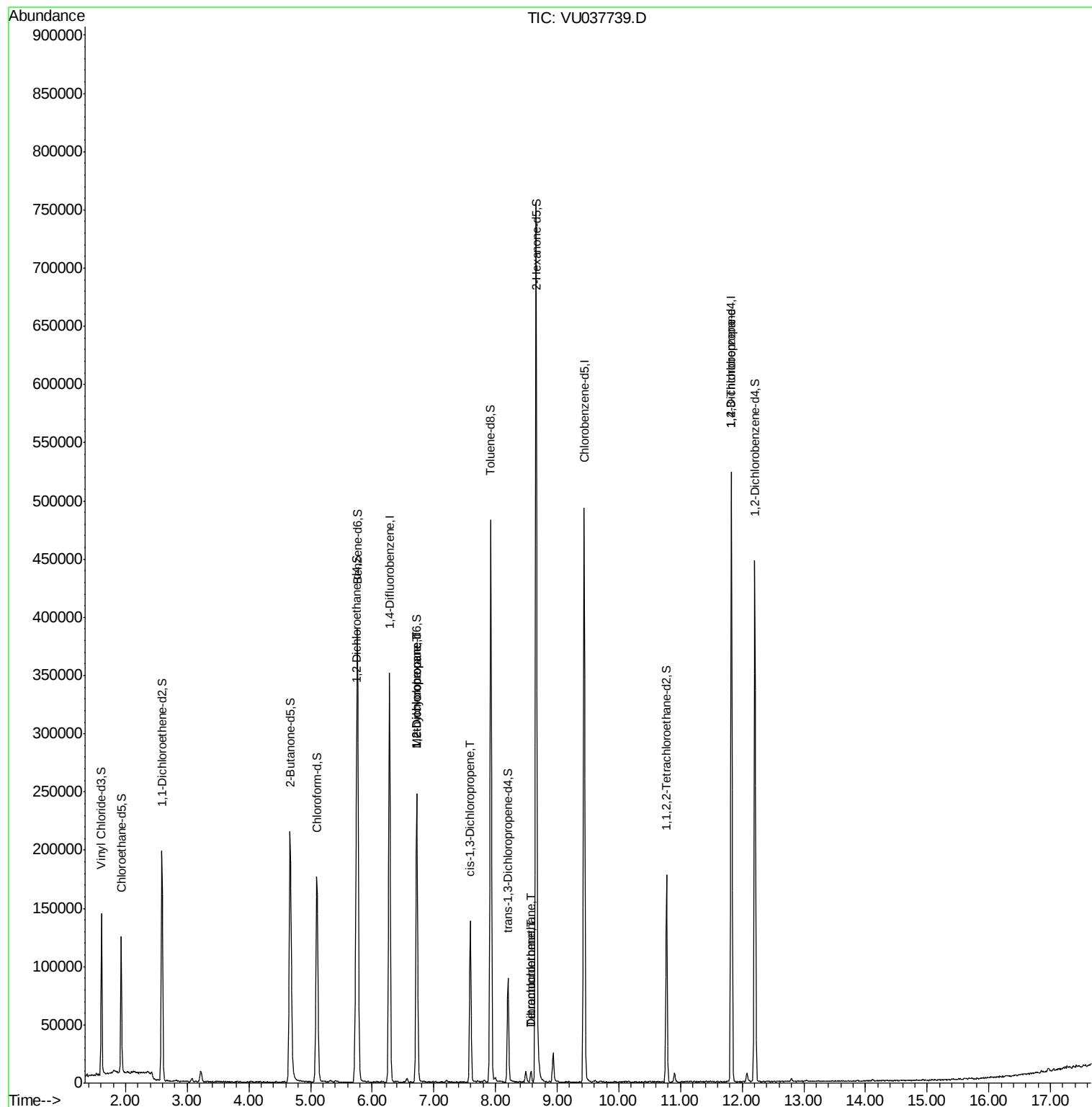
					Ovalue
35) Methylcyclohexane	6.72	83	26177	0.720 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12882	0.576 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3066	0.088 ug/L #	50
47) Tetrachloroethene	8.57	164	1923	0.129 ug/L	93
49) Dibromochloromethane	8.57	129	1846	0.107 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17783	1.214 ug/L	89

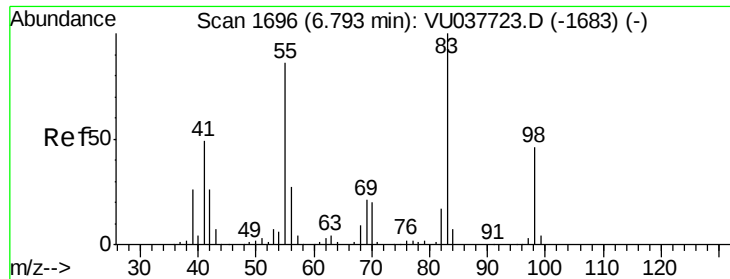
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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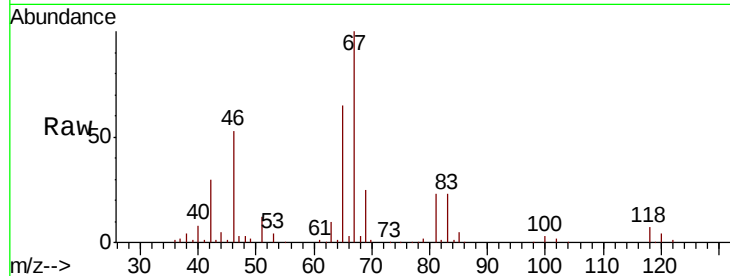




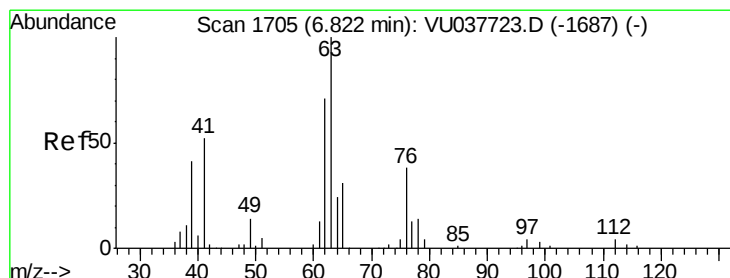
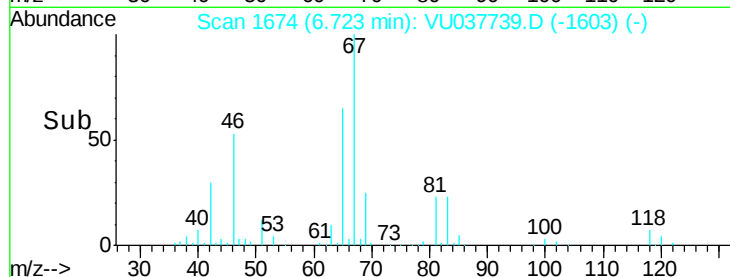
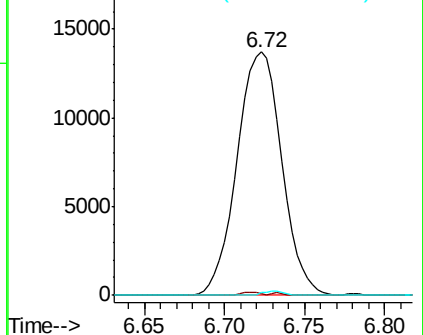
#35
Methvlcvclohexane
Concen: 0.720 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037739.D
Acq: 15 Apr 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26177
Ion Ratio Lower Upper
83 100
55 0.5 65.5 98.3#
98 1.7 38.2 57.4#

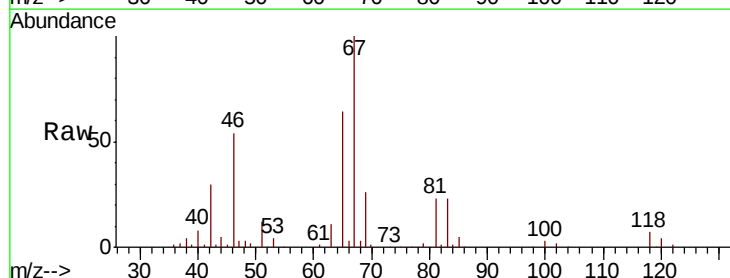


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

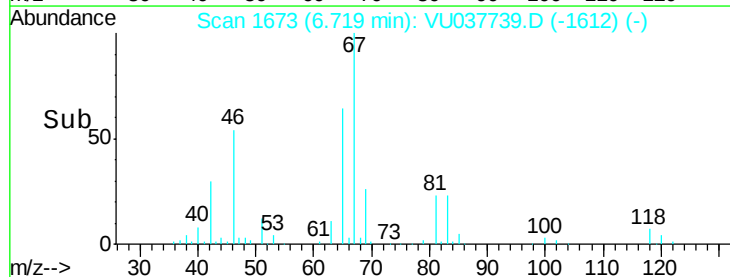
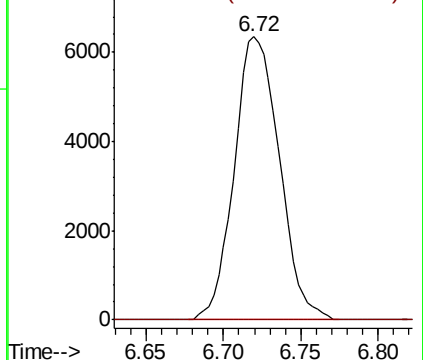


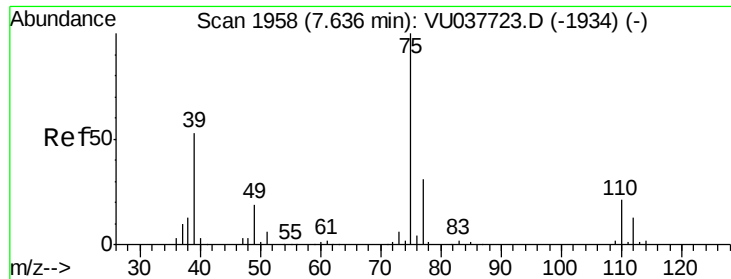
#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037739.D
Acq: 15 Apr 2020 17:32

Tgt Ion: 63 Resp: 12882
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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

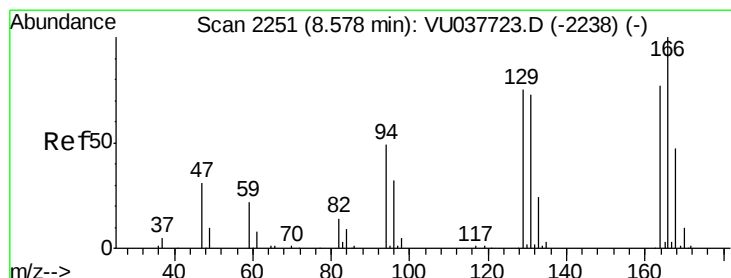
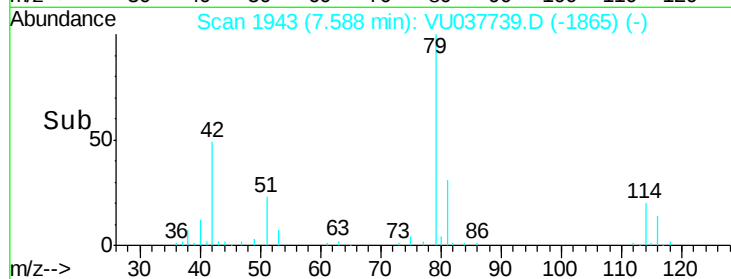
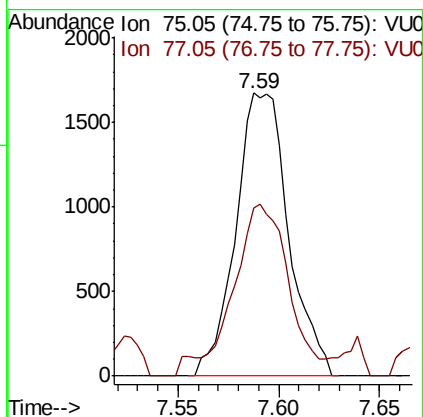
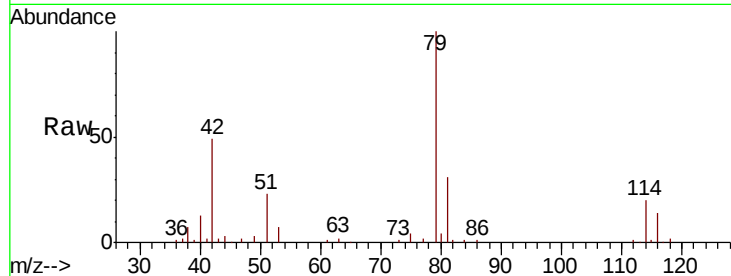




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037739.D
 Acq: 15 Apr 2020 17:32

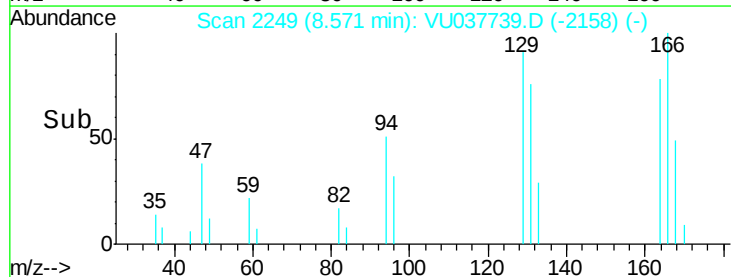
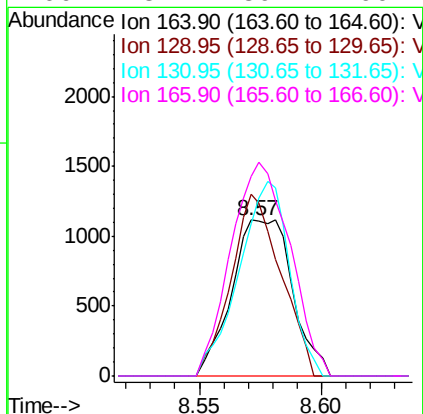
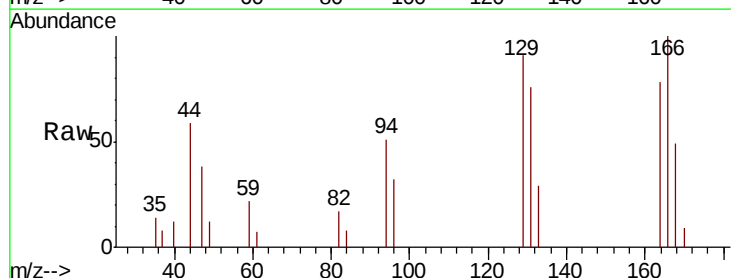
Instrument :
 MSVOA_U
 ClientSampleId :

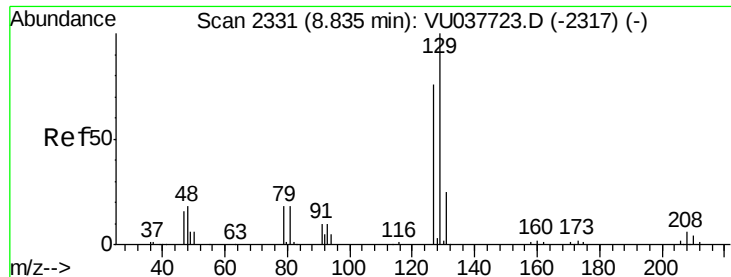
Tot Ion: 75 Resp: 3066
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.2 41.2#



#47
 Tetrachloroethene
 Concen: 0.129 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: VU037739.D
 Acq: 15 Apr 2020 17:32

Tgt Ion:164 Resp: 1923
 Ion Ratio Lower Upper
 164 100
 129 116.4 68.1 126.5
 131 97.7 65.9 122.5
 166 128.4 89.7 166.7





#49

Dibromochloromethane

Concen: 0.107 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU037739.D

Acq: 15 Apr 2020 17:32

Instrument :

MSVOA_U

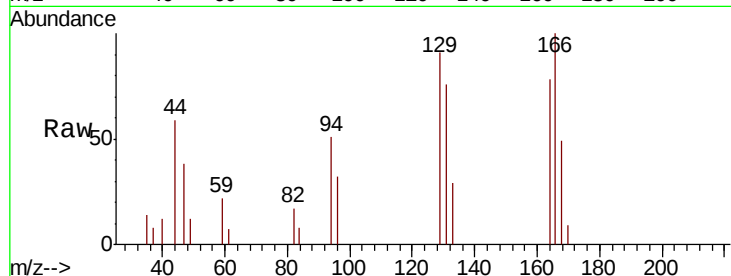
ClientSampled :

Tot Ion:129 Resp: 1846

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

1500

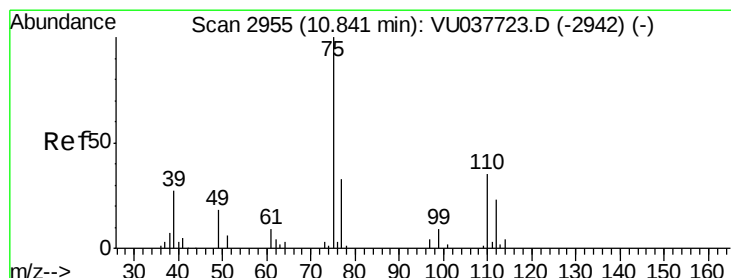
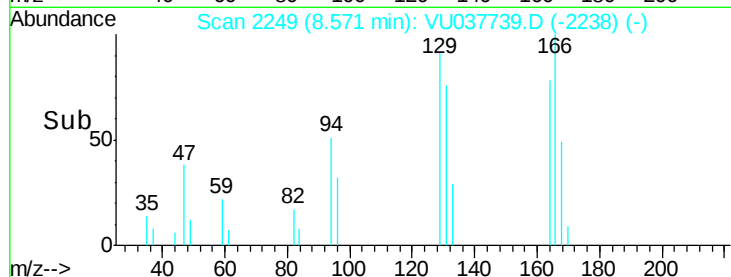
1000

500

0

8.55 8.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.214 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037739.D

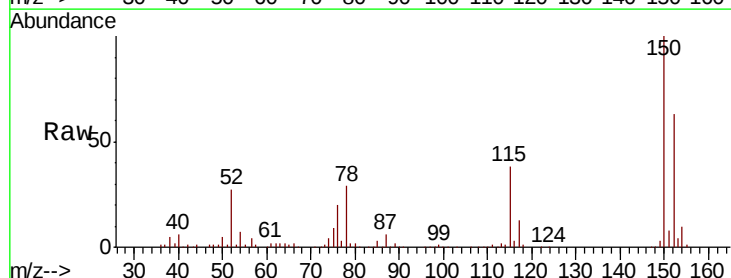
Acq: 15 Apr 2020 17:32

Tgt Ion: 75 Resp: 17783

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

12000

10000

8000

6000

4000

2000

0

11.80 11.85

Time-->

