

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039105.D
 Acq On : 25 Jun 2020 11:02
 Operator : SY/MD
 Sample : L3110-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F55

Quant Time: Jun 26 01:00:43 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	261168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	269554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	112047	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91115	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	81575	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.59	63	131250	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.67	46	375285	54.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.74%
24) Chloroform-d	5.10	84	189101	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.74	65	119346	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.76	84	356790	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	121033	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.92	98	275046	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	48120	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	289665	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110019	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	107316	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

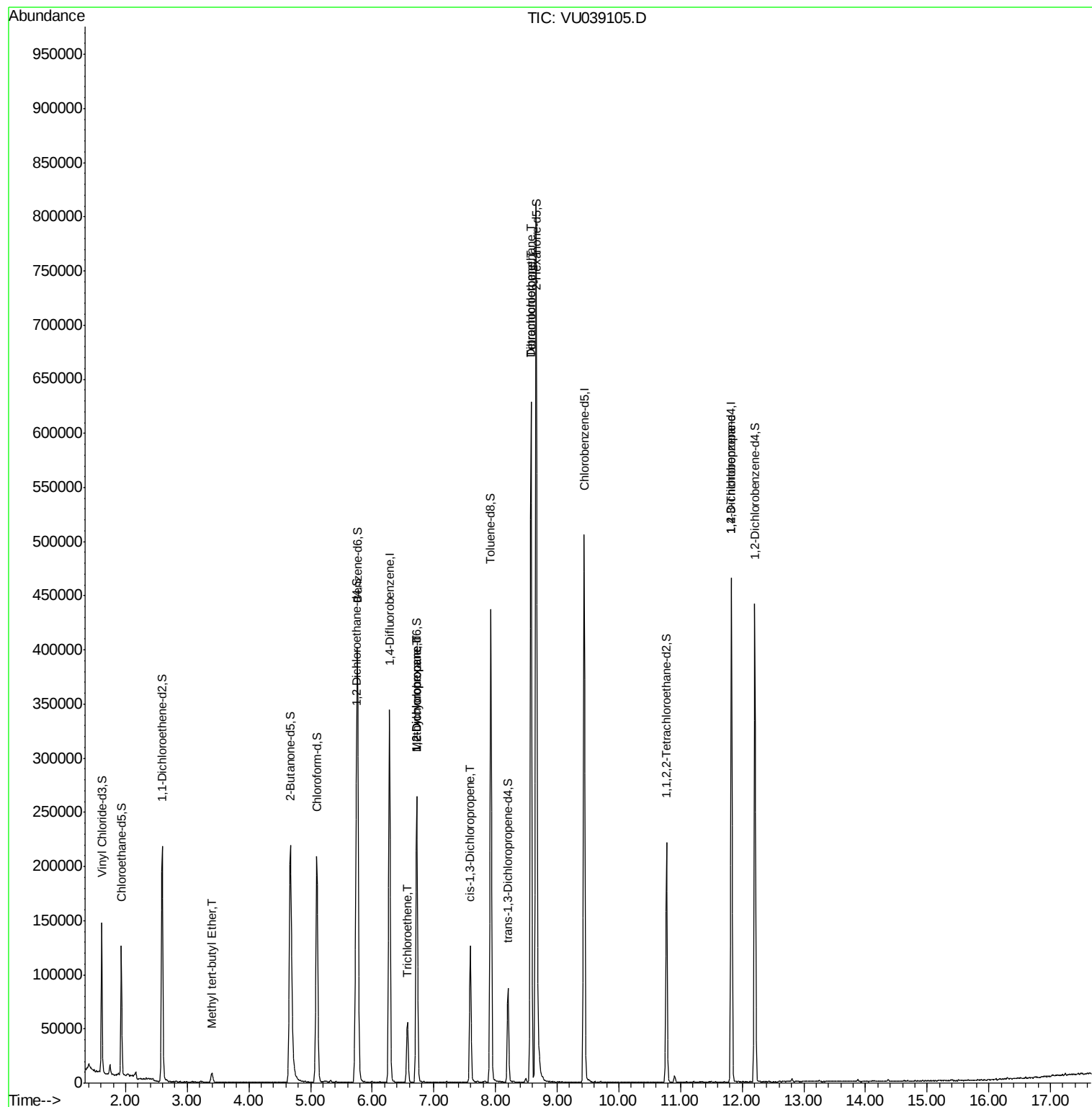
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	8354	0.162 ug/L #	90
34) Trichloroethene	6.57	95	17567	0.858 ug/L	92
35) Methylcyclohexane	6.72	83	28975	0.953 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13086	0.570 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3280	0.103 ug/L #	47
47) Tetrachloroethene	8.57	164	130106	8.812 ug/L	94
49) Dibromochloromethane	8.57	129	125885	6.788 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	16399	0.948 ug/L	89

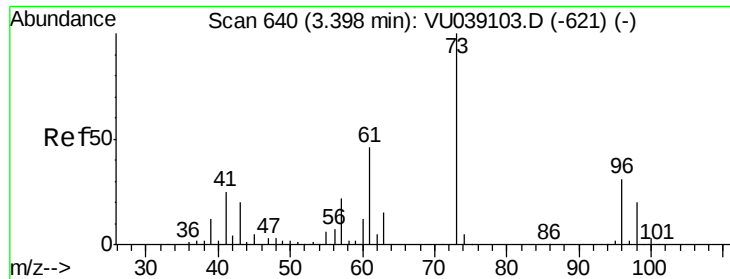
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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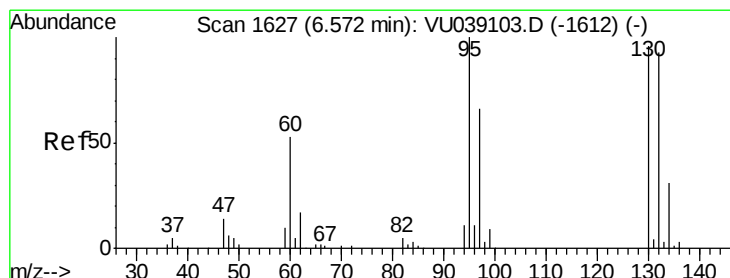
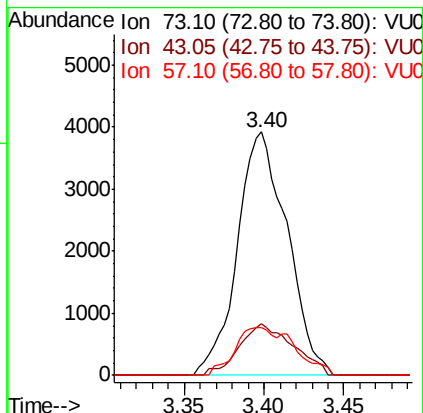
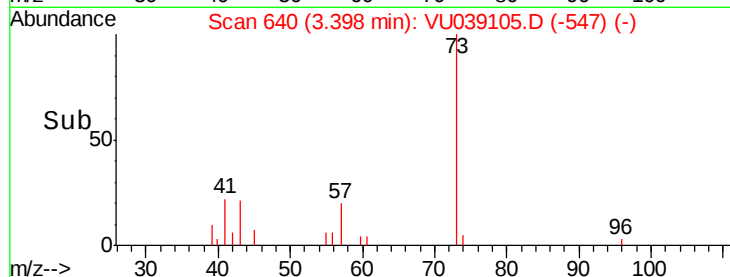
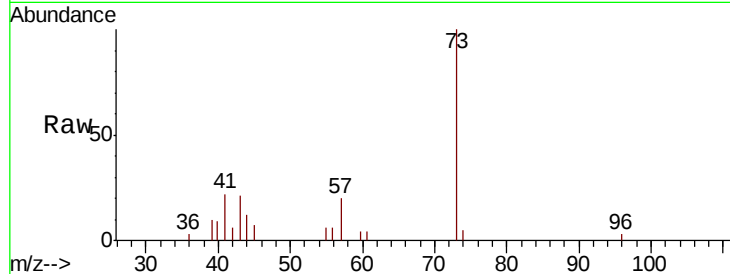




#17
Methvl tert-butvl Ether
Concen: 0.162 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039105.D
Acq: 25 Jun 2020 11:02

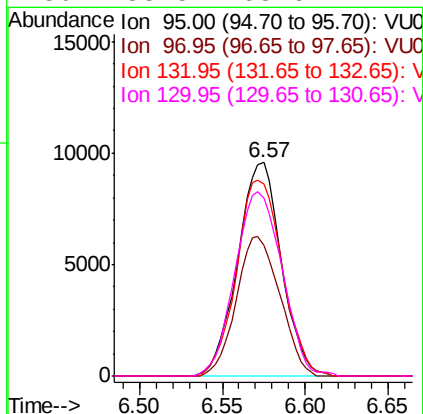
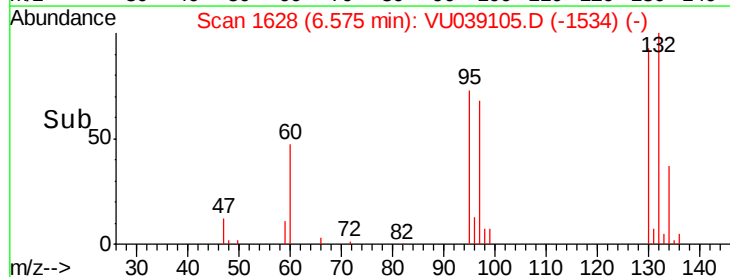
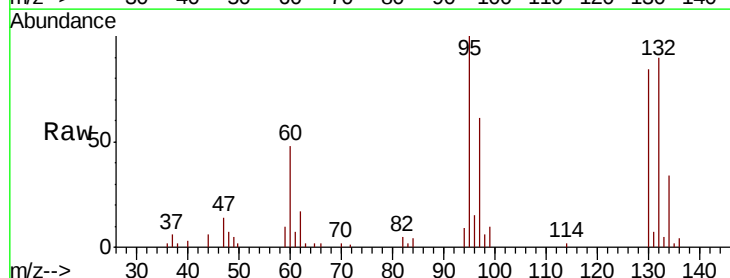
Instrument :
MSVOA_U
ClientSampleId :
F9F55

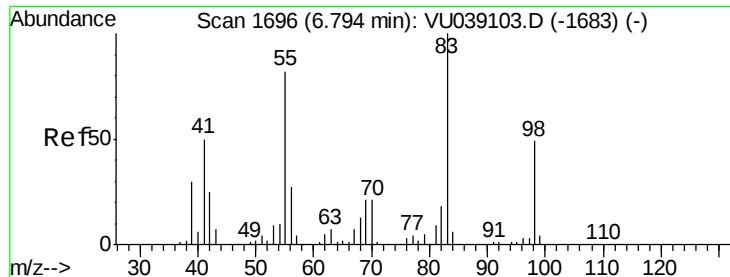
Tot Ion: 73 Resp: 8354
Ion Ratio Lower Upper
73 100
43 22.9 16.6 24.8
57 15.4 18.2 27.4#



#34
Trichloroethene
Concen: 0.858 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU039105.D
Acq: 25 Jun 2020 11:02

Tgt Ion: 95 Resp: 17567
Ion Ratio Lower Upper
95 100
97 61.3 45.1 83.7
132 89.8 65.1 120.9
130 83.5 68.6 127.4

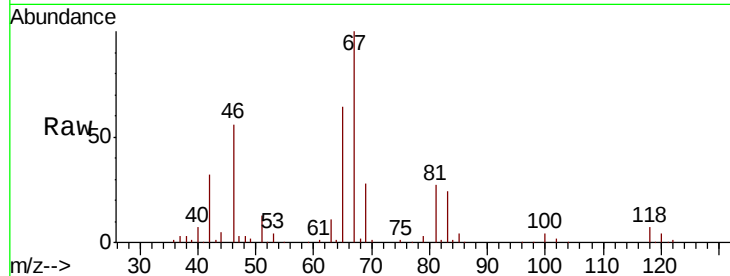




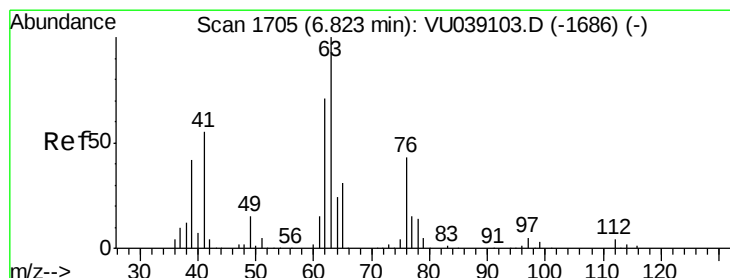
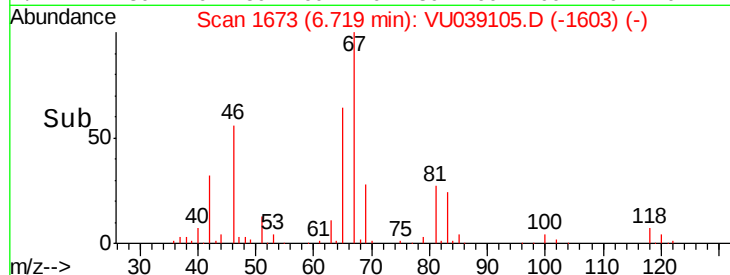
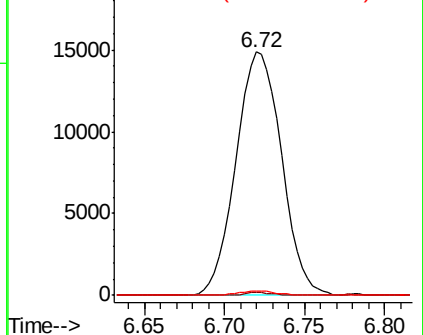
#35
Methvlcvclohexane
Concen: 0.953 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039105.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_U
ClientSampleId :
F9F55

Tot Ion: 83 Resp: 28975
Ion Ratio Lower Upper
83 100
55 0.7 65.5 98.3#
98 1.4 36.5 54.7#

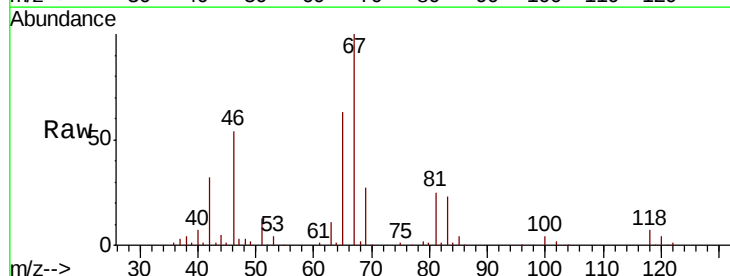


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

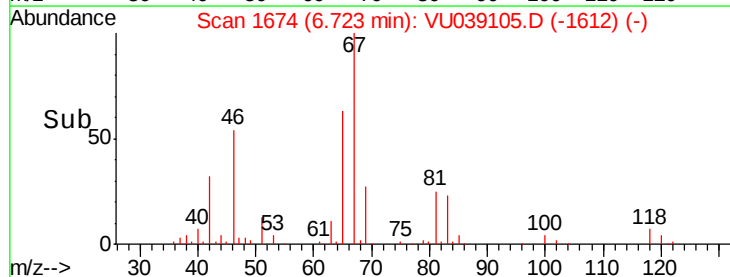
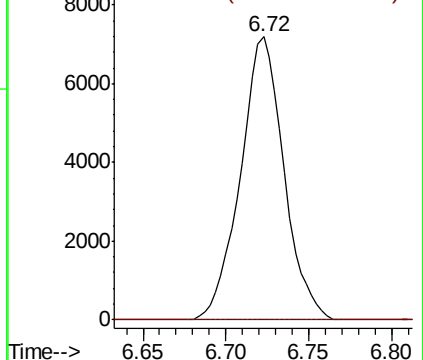


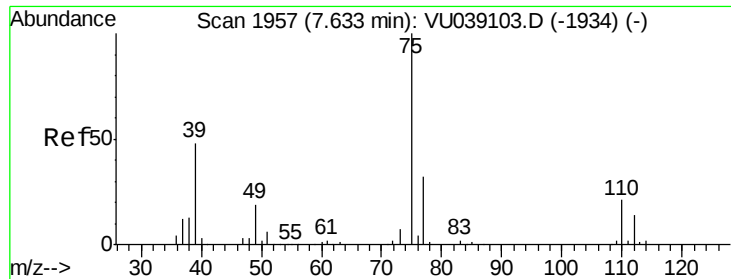
#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039105.D
Acq: 25 Jun 2020 11:02

Tgt Ion: 63 Resp: 13086
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

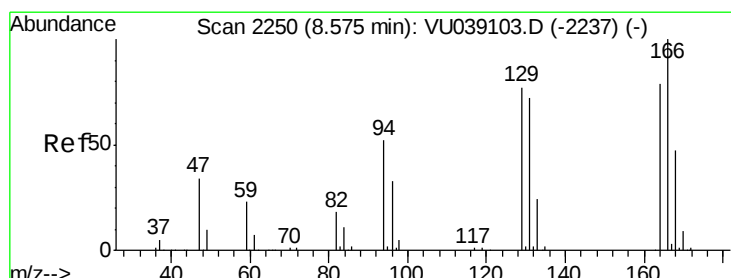
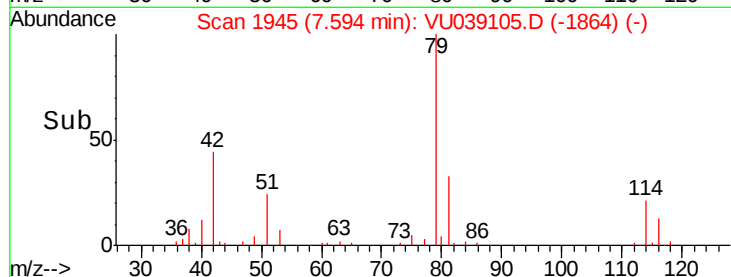
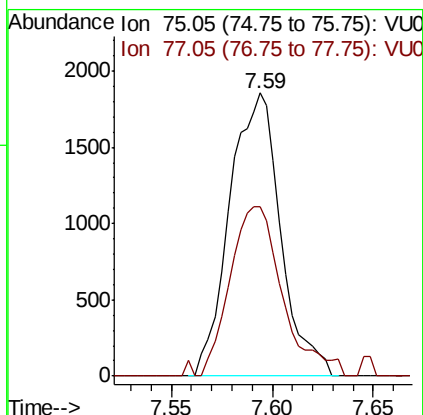
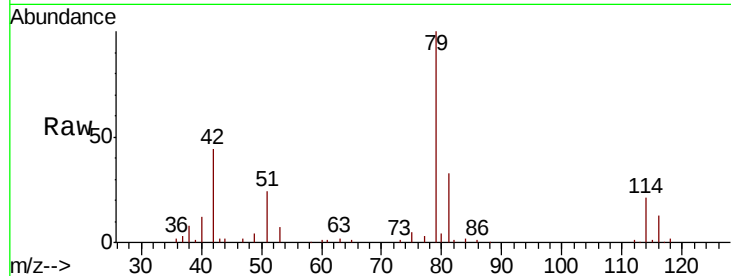




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU039105.D
 Acq: 25 Jun 2020 11:02

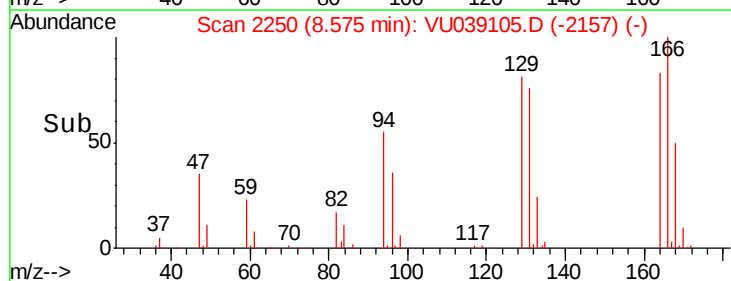
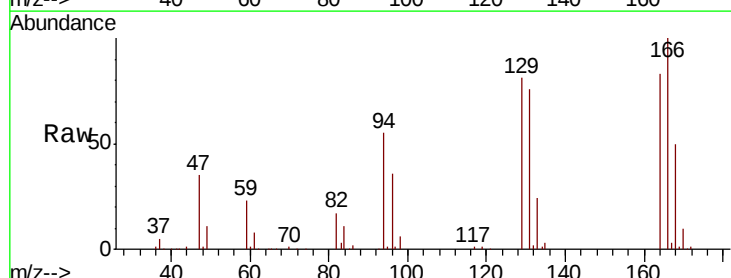
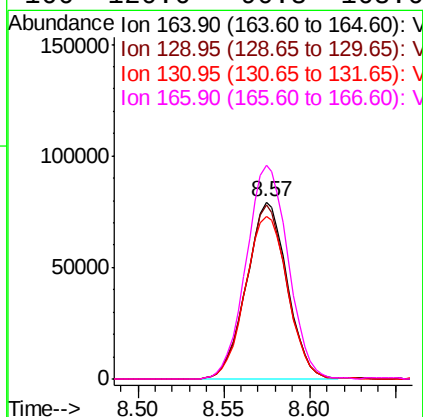
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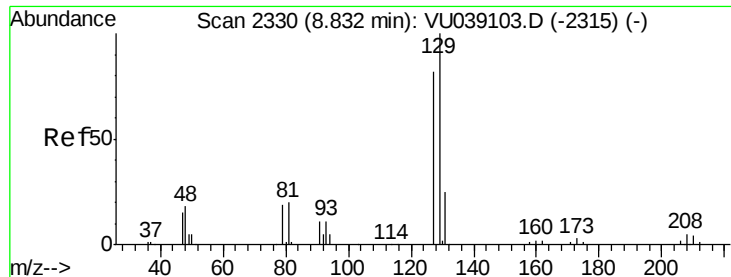
Tot Ion: 75 Resp: 3280
 Ion Ratio Lower Upper
 75 100
 77 59.8 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 8.812 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU039105.D
 Acq: 25 Jun 2020 11:02

Tgt Ion:164 Resp: 130106
 Ion Ratio Lower Upper
 164 100
 129 98.1 71.3 132.5
 131 92.2 68.3 126.8
 166 120.6 90.8 168.6





#49

Dibromochloromethane

Concen: 6.788 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU039105.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

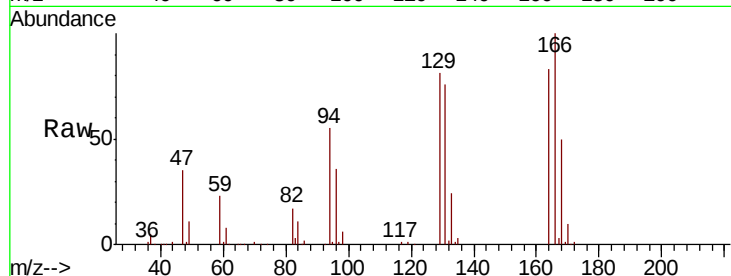
F9F55

Tot Ion:129 Resp: 125885

Ion Ratio Lower Upper

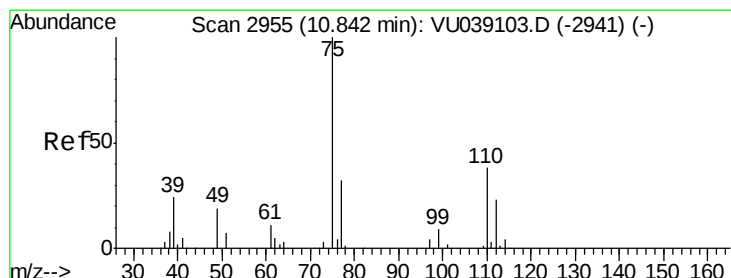
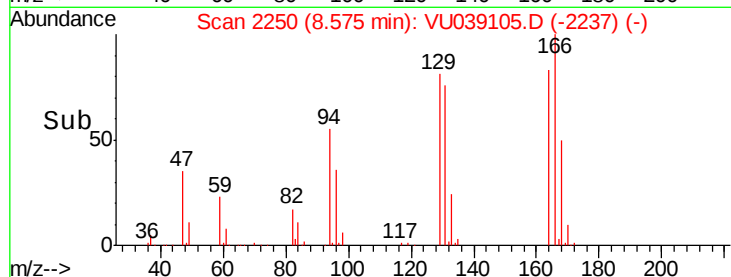
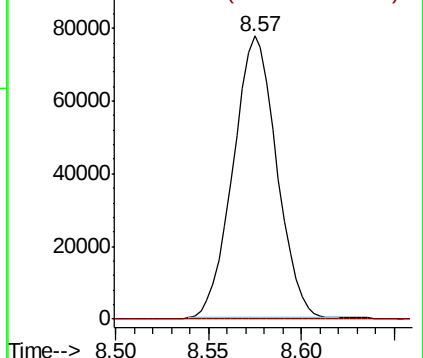
129 100

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



#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039105.D

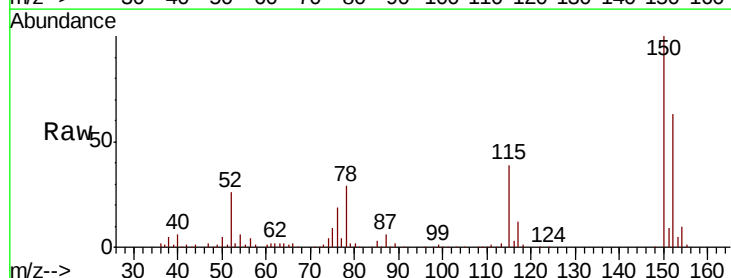
Acq: 25 Jun 2020 11:02

Tgt Ion: 75 Resp: 16399

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

