

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\
 Data File : VU039621.D
 Acq On : 22 Jul 2020 11:19
 Operator : SY/MD
 Sample : L3347-11DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY03DL

Quant Time: Jul 23 01:29:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 01:28:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135626	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59424	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26232	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.92	69	24428	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	2.58	63	42344	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.66	46	100635	35.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.88%
24) Chloroform-d	5.08	84	51922	3.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.00%#
26) 1,2-Dichloroethane-d4	5.72	65	35453	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
32) Benzene-d6	5.74	84	106377	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.60%#
36) 1,2-Dichloropropane-d6	6.70	67	34743	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.20%
41) Toluene-d8	7.91	98	96034	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.40%#
43) trans-1,3-Dichloropropene-	8.19	79	13263	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.64	63	69543	32.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29469	3.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.20%#
64) 1,2-Dichlorobenzene-d4	12.19	152	35705	3.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.80%#

Target Compounds

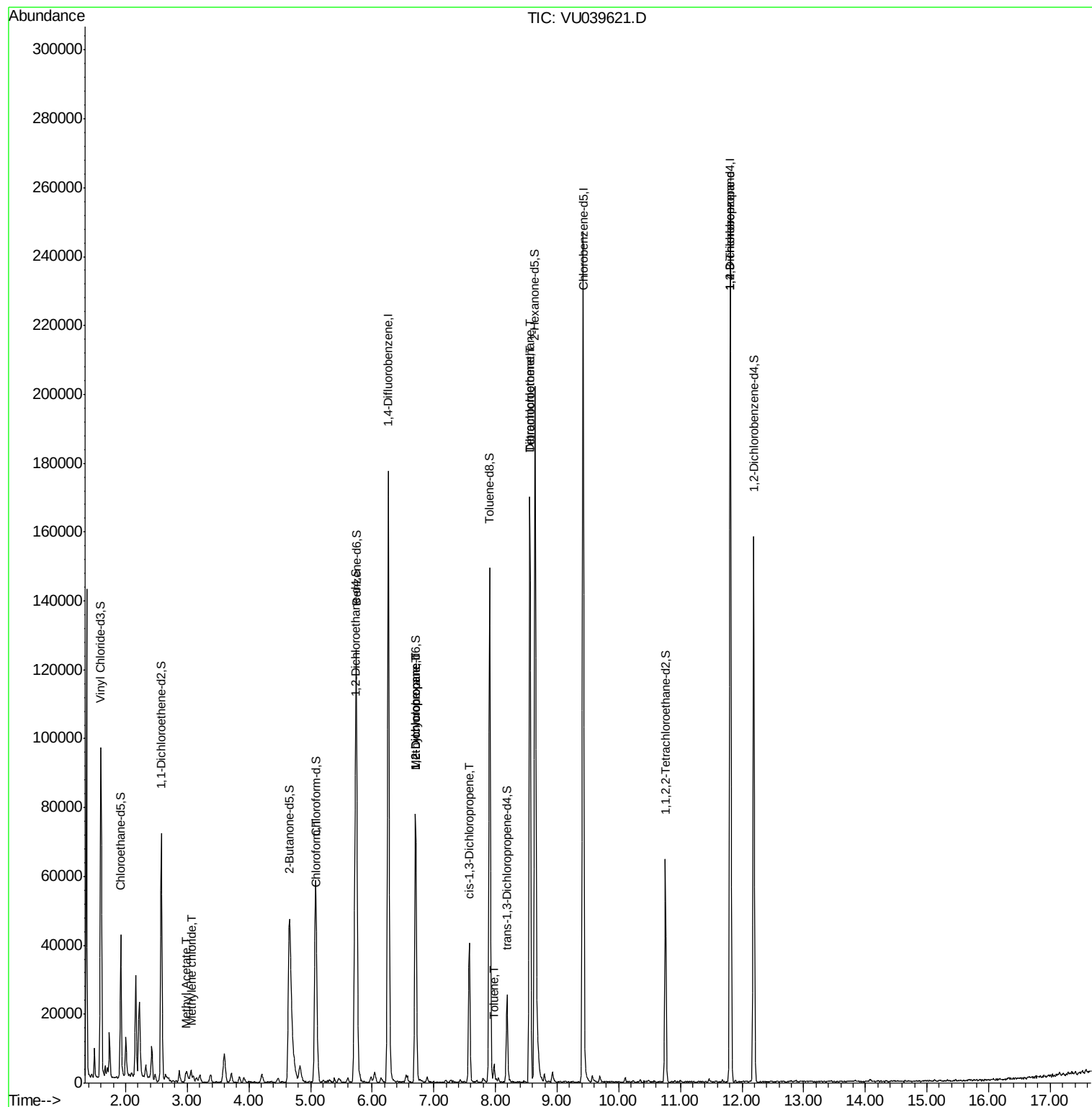
					Ovalue
15) Methyl Acetate	2.97	43	1044	0.270 ug/L #	56
16) Methylene chloride	3.06	84	1310	0.141 ug/L	96
25) Chloroform	5.11	83	7439	0.447 ug/L	100
35) Methylcyclohexane	6.70	83	7750	0.628 ug/L #	20
37) 1,2-Dichloropropane	6.70	63	4033	0.475 ug/L #	90
39) cis-1,3-Dichloropropene	7.58	75	1252	0.103 ug/L #	73
42) Toluene	7.98	91	3121	0.093 ug/L	92
47) Tetrachloroethene	8.56	164	32588	5.670 ug/L	92
49) Dibromochloromethane	8.56	129	32589	4.158 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	8869	1.424 ug/L #	84

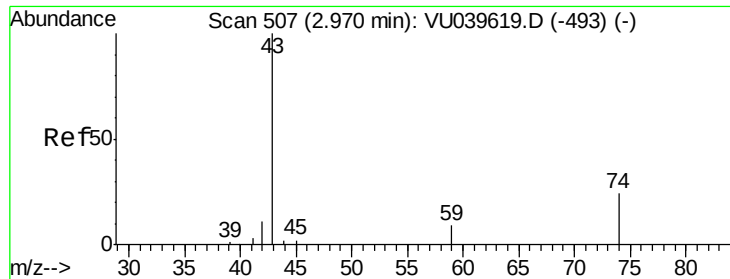
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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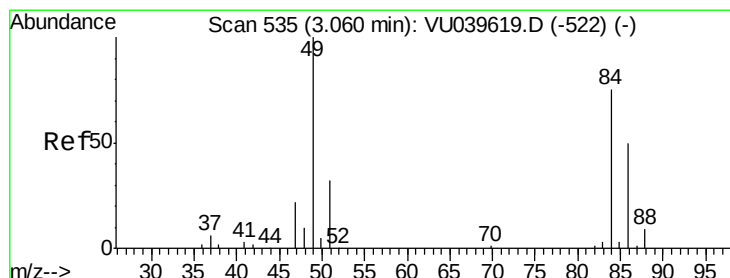
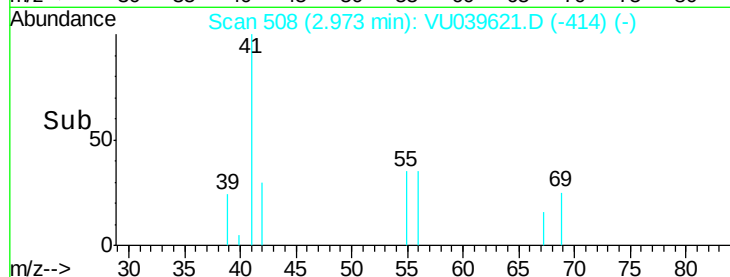
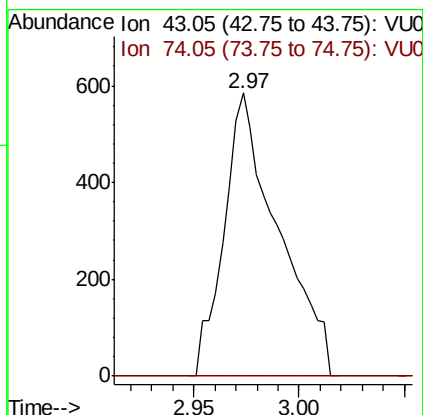
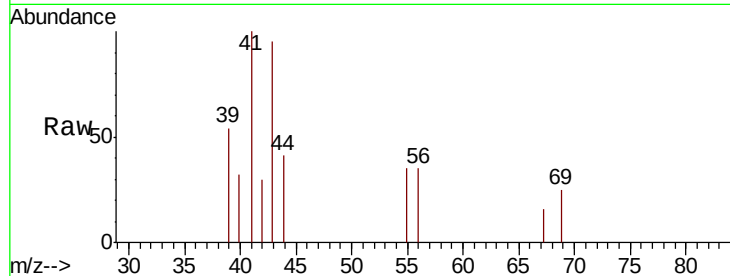




#15
Methyl Acetate
Concen: 0.270 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.00 min
Lab File: VU039621.D
Acq: 22 Jul 2020 11:19

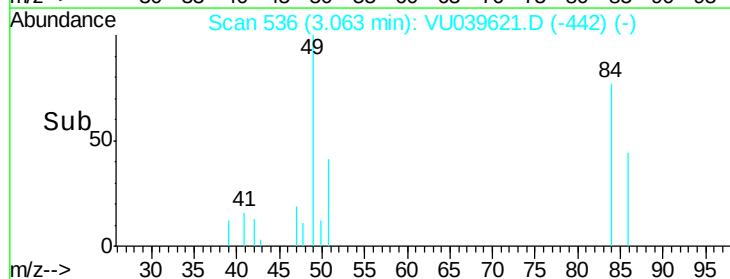
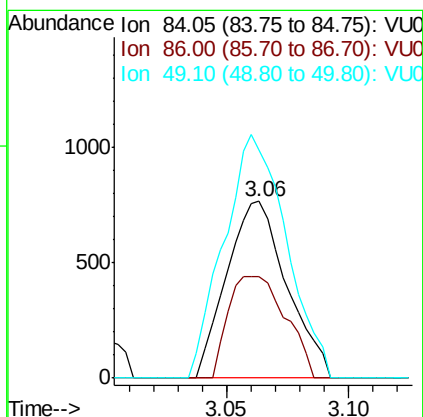
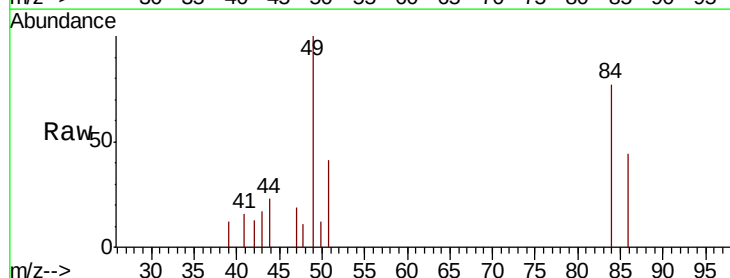
Instrument :
MSVOA_U
ClientSampleId :
GAY03DL

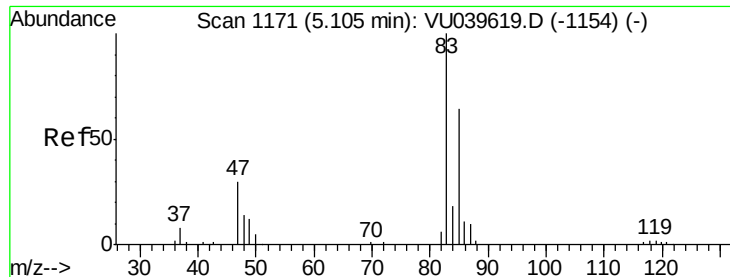
Tot Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#16
Methylene chloride
Concen: 0.141 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039621.D
Acq: 22 Jul 2020 11:19

Tgt Ion: 84 Resp: 1310
Ion Ratio Lower Upper
84 100
86 57.2 43.8 81.4
49 129.1 92.7 172.3





#25

Chloroform

Concen: 0.447 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU039621.D

Acq: 22 Jul 2020 11:19

Instrument :

MSVOA_U

ClientSampleId :

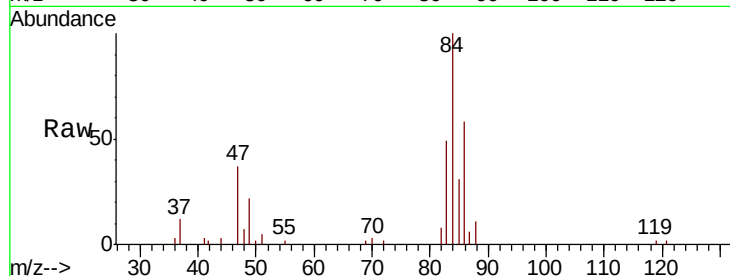
GAY03DL

Tot Ion: 83 Resp: 7439

Ion Ratio Lower Upper

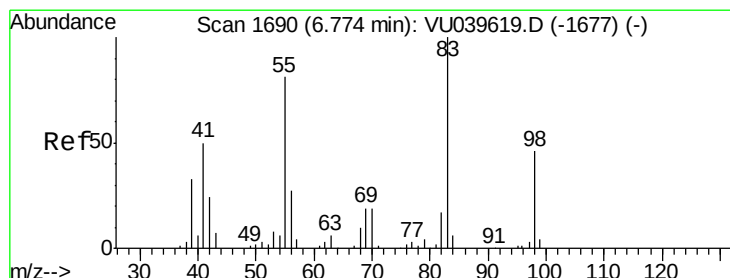
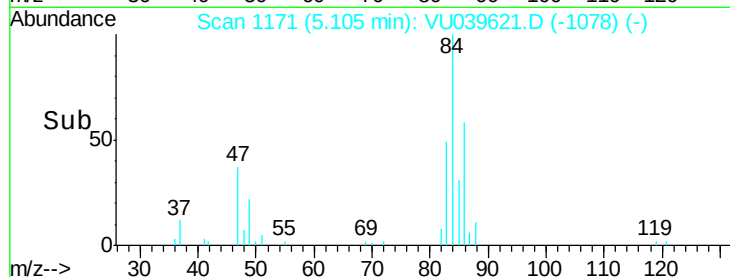
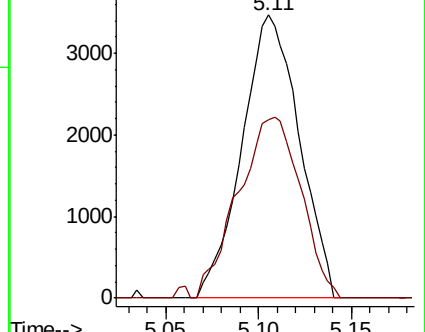
83 100

85 63.2 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU039621.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039621.D (-1078) (-)



#35

Methylcyclohexane

Concen: 0.628 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039621.D

Acq: 22 Jul 2020 11:19

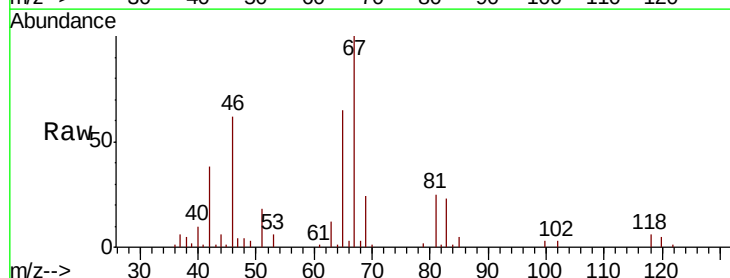
Tgt Ion: 83 Resp: 7750

Ion Ratio Lower Upper

83 100

55 2.9 63.0 94.6#

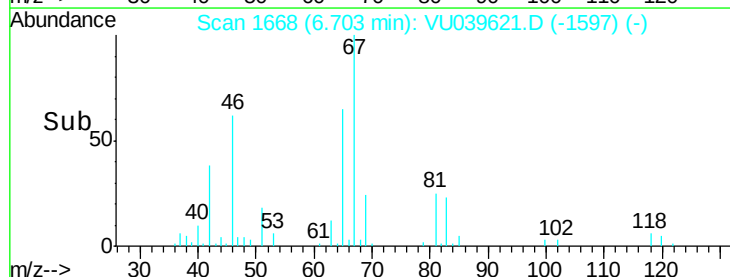
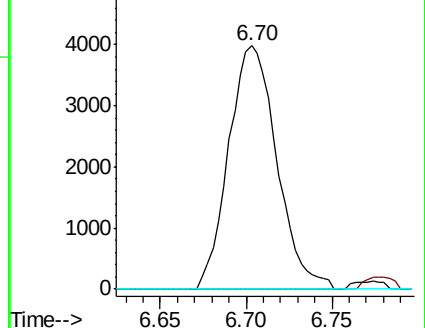
98 0.0 35.3 52.9#

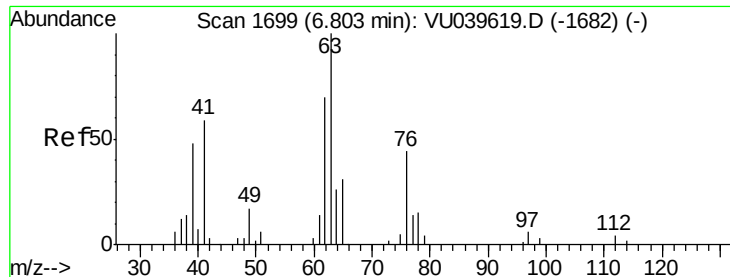


Abundance Ion 83.15 (82.85 to 83.85): VU039621.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU039621.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU039621.D (-1597) (-)

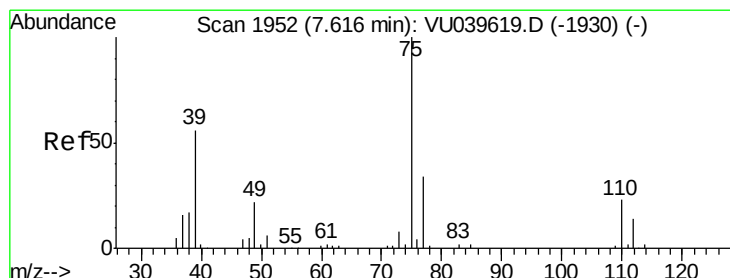
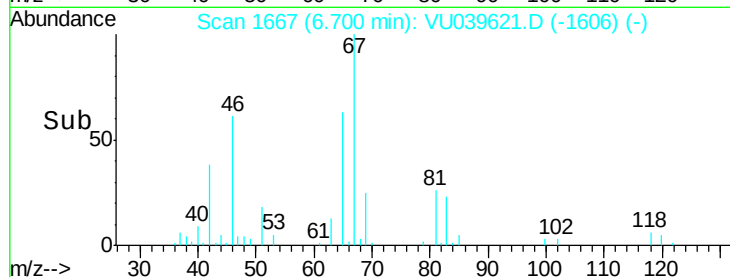
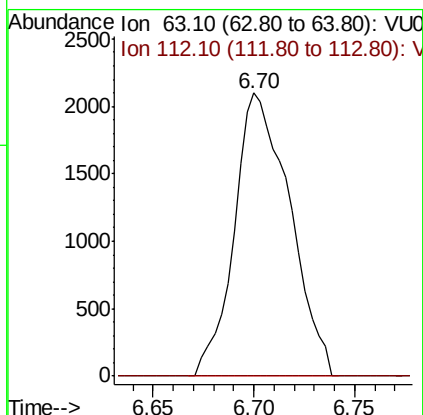
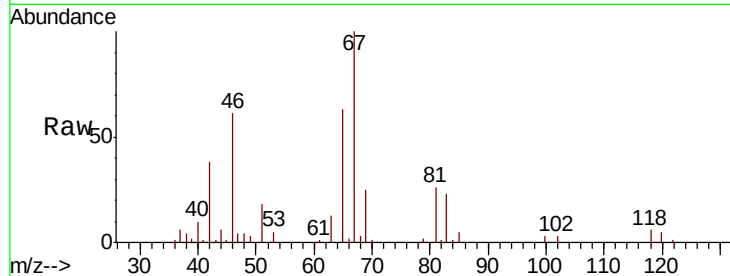




#37
 1,2-Dichloropropane
 Concen: 0.475 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039621.D
 Acq: 22 Jul 2020 11:19

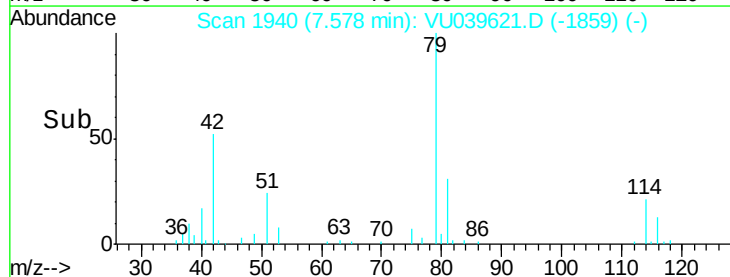
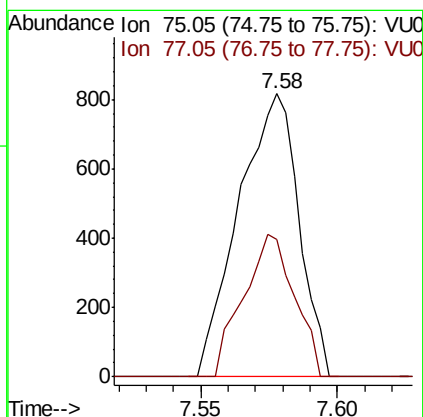
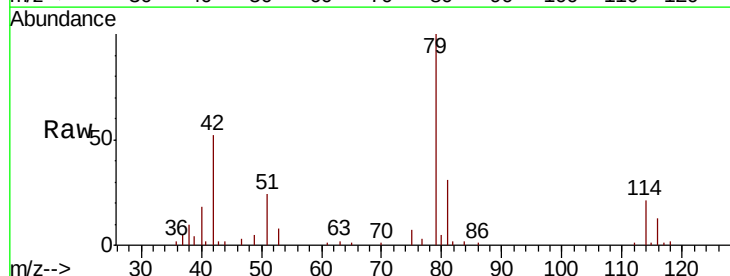
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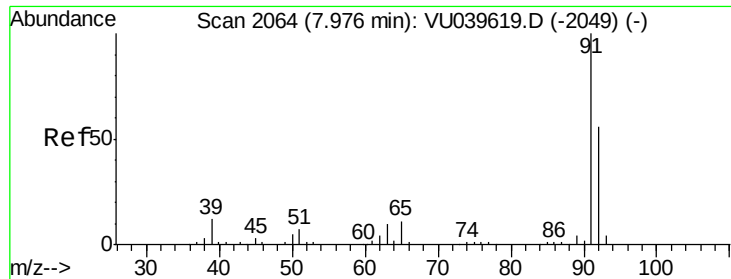
Tot Ion: 63 Resp: 4033
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039621.D
 Acq: 22 Jul 2020 11:19

Tgt Ion: 75 Resp: 1252
 Ion Ratio Lower Upper
 75 100
 77 48.3 23.2 43.0#





#42

Toluene

Concen: 0.093 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU039621.D

Acq: 22 Jul 2020 11:19

Instrument :

MSVOA_U

ClientSampleId :

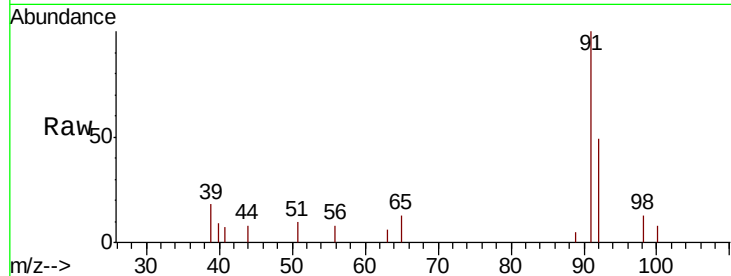
GAY03DL

Tot Ion: 91 Resp: 3121

Ion Ratio Lower Upper

91 100

92 49.4 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU039621.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU039621.D (-2049) (-)

7.98

2500

2000

1500

1000

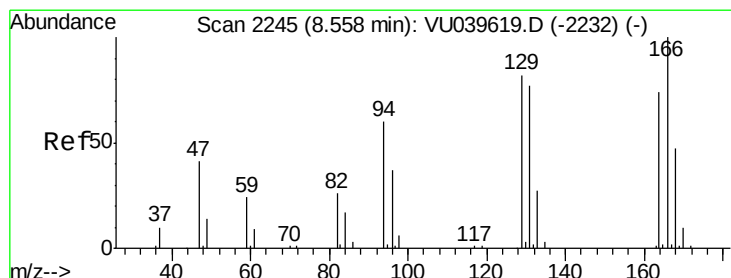
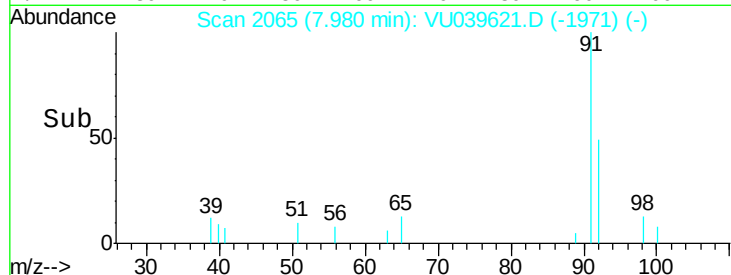
500

0

7.95

8.00

Time-->



#47

Tetrachloroethene

Concen: 5.670 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039621.D

Acq: 22 Jul 2020 11:19

Tgt Ion: 164 Resp: 32588

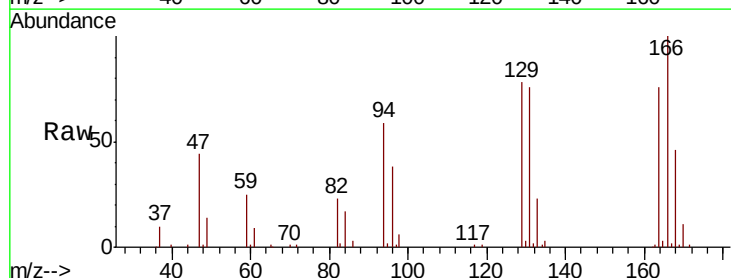
Ion Ratio Lower Upper

164 100

129 103.5 67.9 126.1

131 100.3 64.7 120.1

166 132.1 85.1 158.1



Abundance Ion 163.90 (163.60 to 164.60): VU039621.D (-2232) (-)

Ion 128.95 (128.65 to 129.65): VU039621.D (-2232) (-)

Ion 130.95 (130.65 to 131.65): VU039621.D (-2232) (-)

Ion 165.90 (165.60 to 166.60): VU039621.D (-2232) (-)

30000

20000

10000

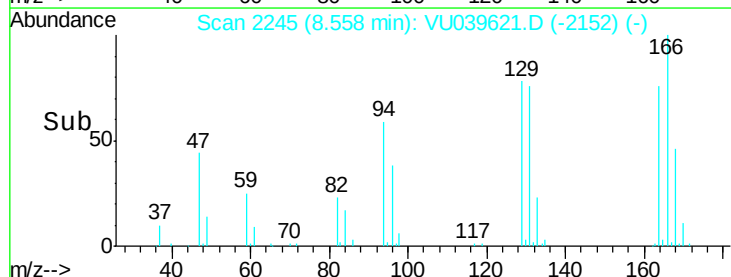
0

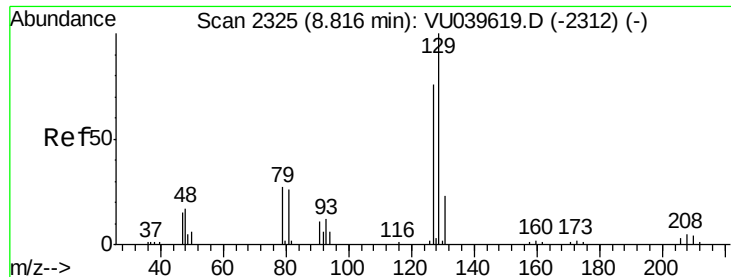
8.55

8.56

8.60

Time-->





#49

Dibromochloromethane

Concen: 4.158 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039621.D

Acq: 22 Jul 2020 11:19

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ClientSampleId :

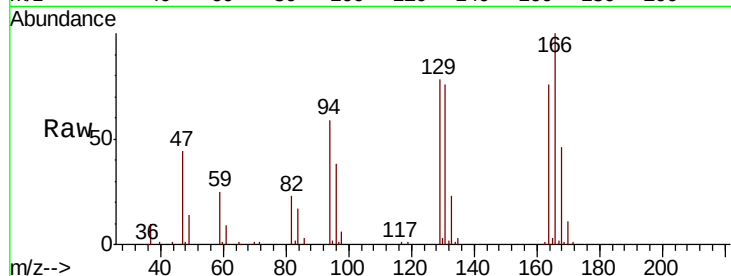
GAY03DL

Tot Ion:129 Resp: 32589

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

20000

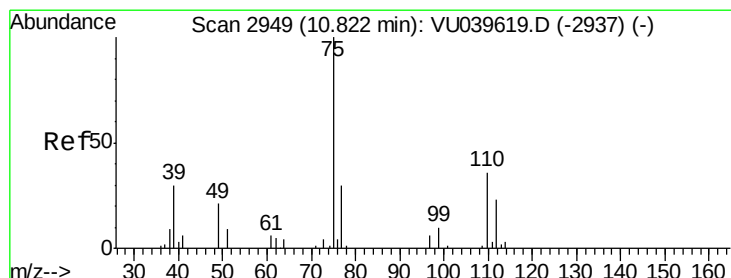
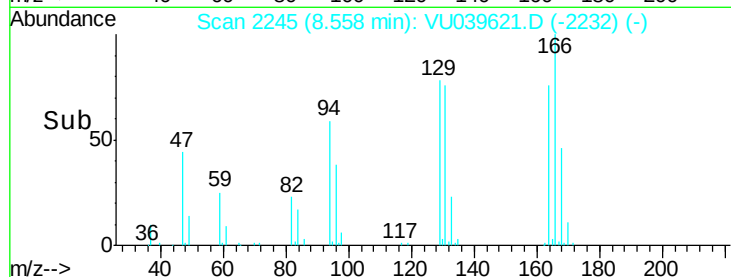
15000

10000

5000

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 1.424 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039621.D

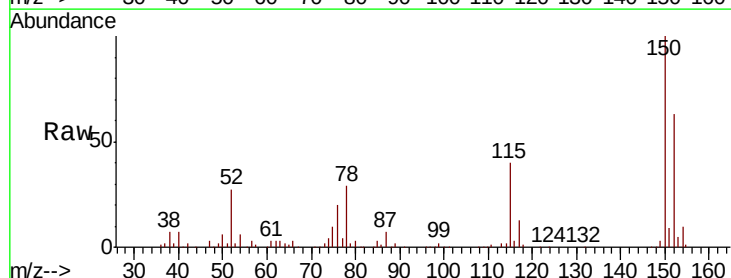
Acq: 22 Jul 2020 11:19

Tgt Ion: 75 Resp: 8869

Ion Ratio Lower Upper

75 100

77 40.7 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

6000

4000

2000

0

Time--> 11.75 11.80 11.85

