

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\
 Data File : VU039625.D
 Acq On : 22 Jul 2020 12:56
 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 01:30:26 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	6.27	114	115960	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109080	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26791	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	24687	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.58	63	46242	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.66	46	108440	44.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.34%
24) Chloroform-d	5.08	84	54890	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.72	65	37840	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.75	84	113434	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.70	67	37115	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.91	98	99930	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	13974	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.64	63	74925	40.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.66%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31607	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38748	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

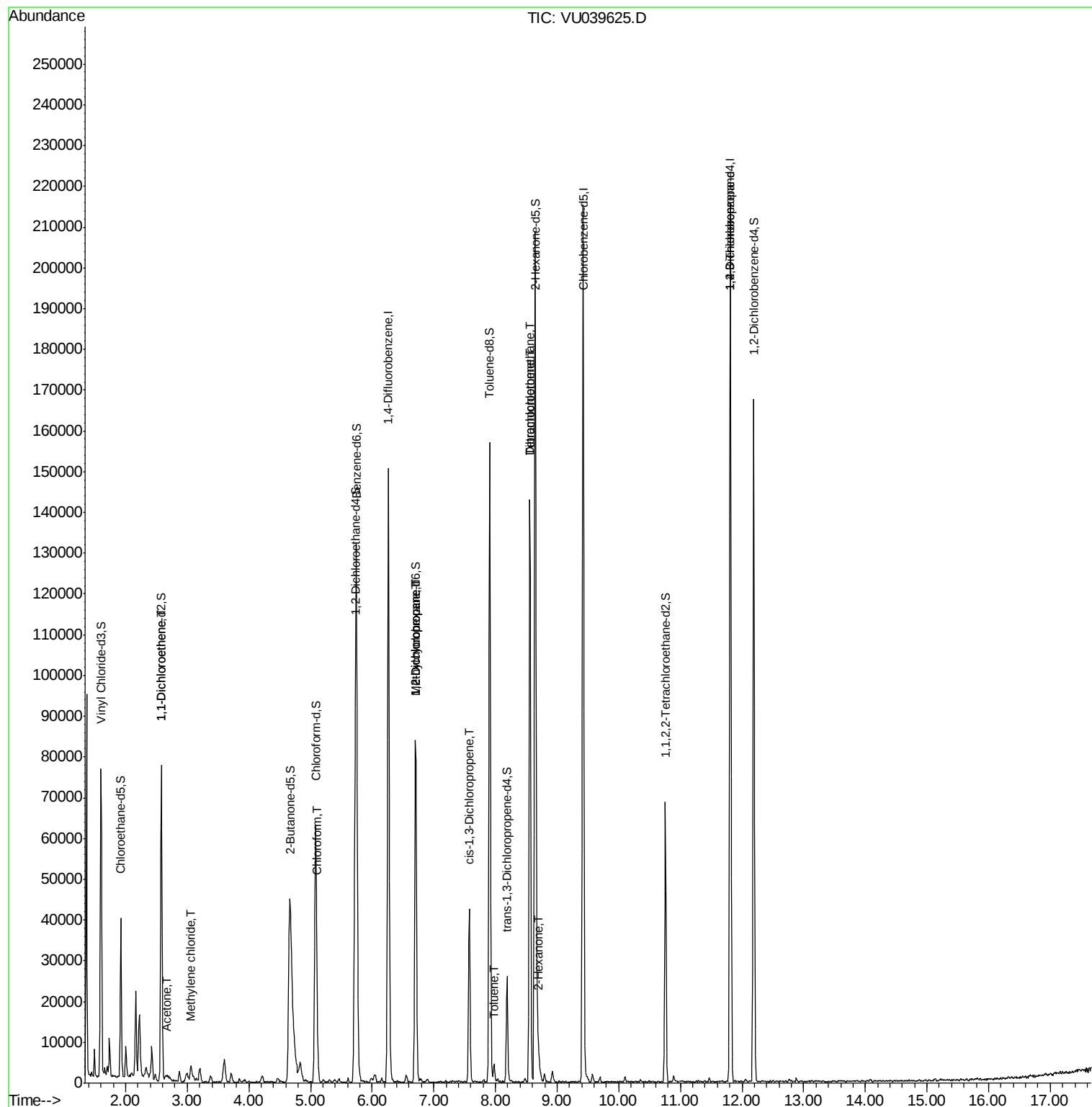
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	432	0.079	ug/L #	1
13) Acetone	2.67	43	1212	0.897	ug/L #	9
16) Methylene chloride	3.06	84	1706	0.215	ug/L	93
25) Chloroform	5.11	83	5964	0.419	ug/L	96
35) Methylcyclohexane	6.70	83	8623	0.813	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4234	0.580	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	1154	0.110	ug/L	83
42) Toluene	7.97	91	2775	0.097	ug/L	100
47) Tetrachloroethene	8.56	164	27310	5.531	ug/L	93
48) 2-Hexanone	8.70	43	4695	1.114	ug/L #	83
49) Dibromochloromethane	8.56	129	26934	4.000	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	7300	1.364	ug/L	90

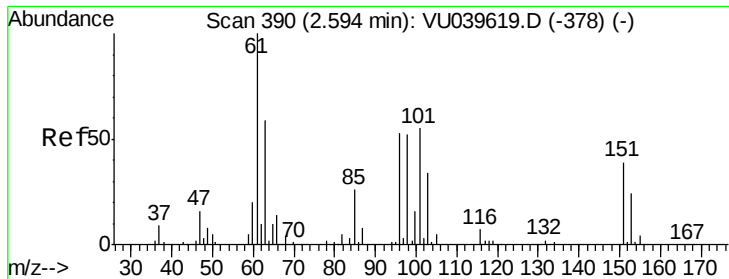
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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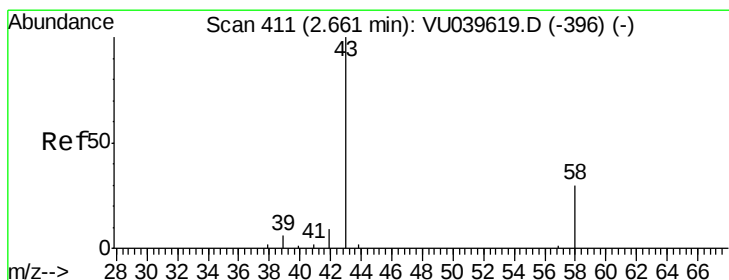
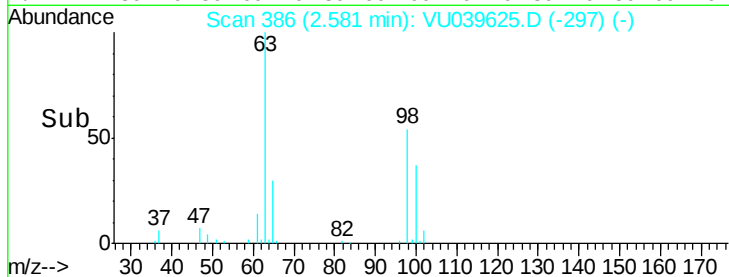
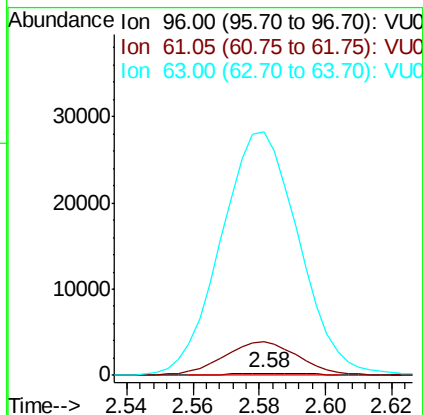
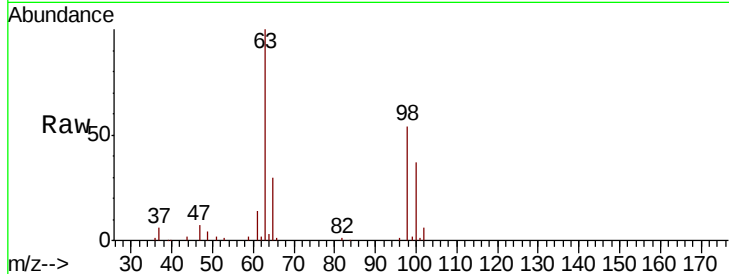




#12
 1,1-Dichloroethene
 Concen: 0.079 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU039625.D
 Acq: 22 Jul 2020 12:56

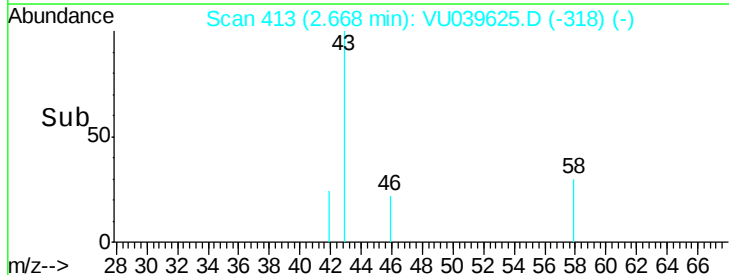
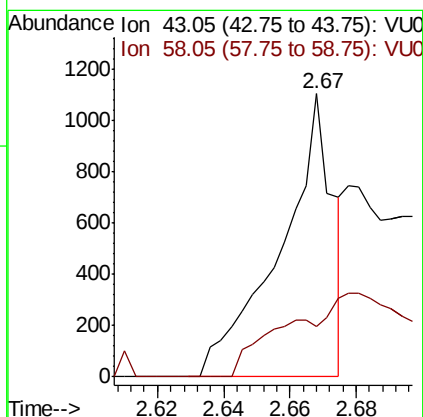
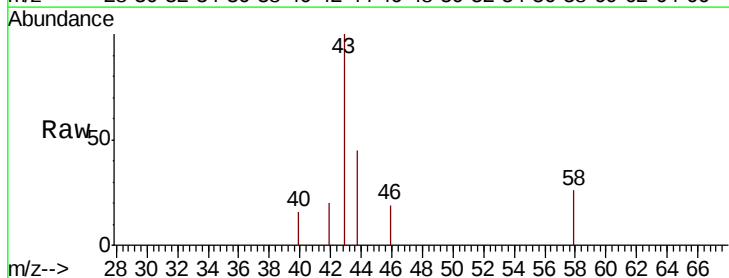
Instrument :
 MSVOA_U
 ClientSampleId :
 GAY03DL

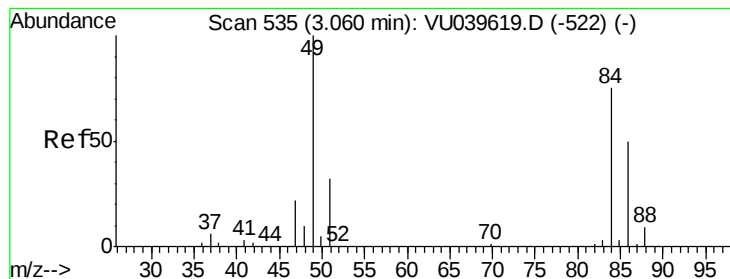
Tot Ion: 96 Resp: 432
 Ion Ratio Lower Upper
 96 100
 61 1473.8 129.1 239.7#
 63 10740.7 89.7 166.7#



#13
 Acetone
 Concen: 0.897 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: VU039625.D
 Acq: 22 Jul 2020 12:56

Tgt Ion: 43 Resp: 1212
 Ion Ratio Lower Upper
 43 100
 58 78.5 0.0 59.0#





#16

Methvlene chloride

Concen: 0.215 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039625.D

Acq: 22 Jul 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

GAY03DL

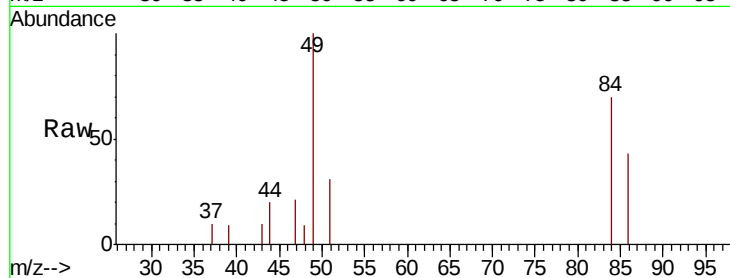
Tot Ion: 84 Resp: 1706

Ion Ratio Lower Upper

84 100

86 61.2 43.8 81.4

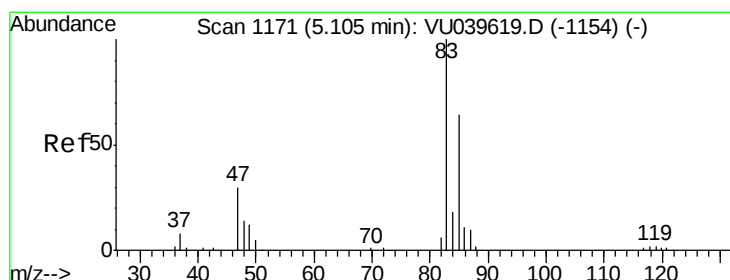
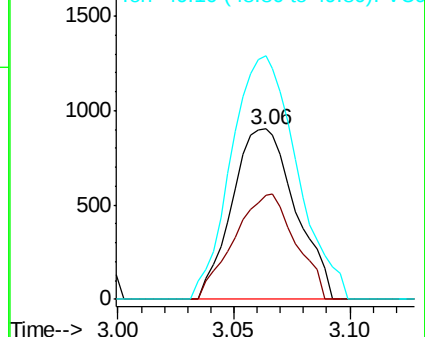
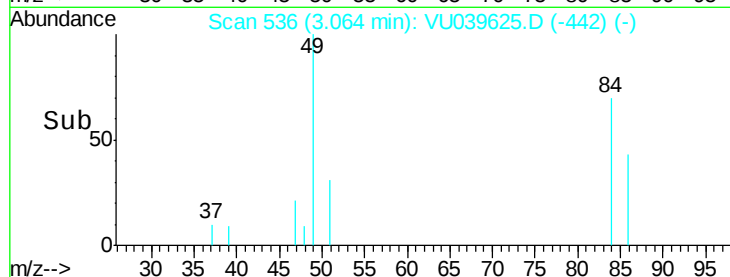
49 142.9 92.7 172.3



Abundance Ion 84.05 (83.75 to 84.75): VU039625.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039625.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039625.D (-442) (-)



#25

Chloroform

Concen: 0.419 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039625.D

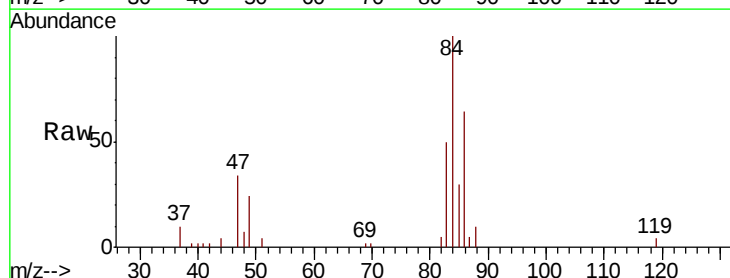
Acq: 22 Jul 2020 12:56

Tgt Ion: 83 Resp: 5964

Ion Ratio Lower Upper

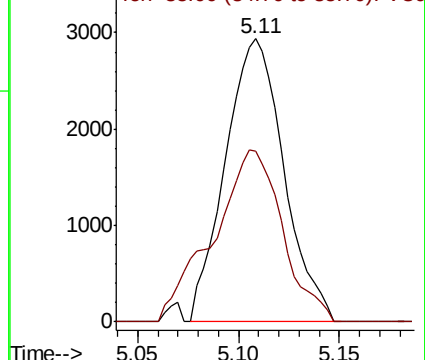
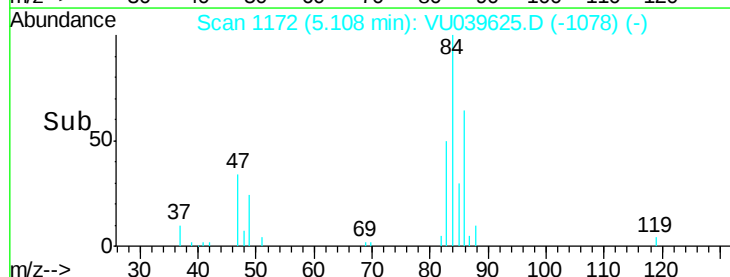
83 100

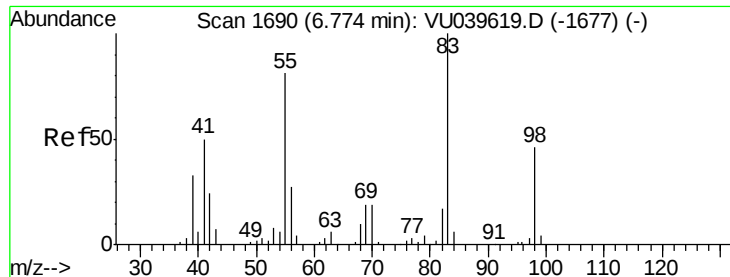
85 60.4 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU039625.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039625.D (-1078) (-)

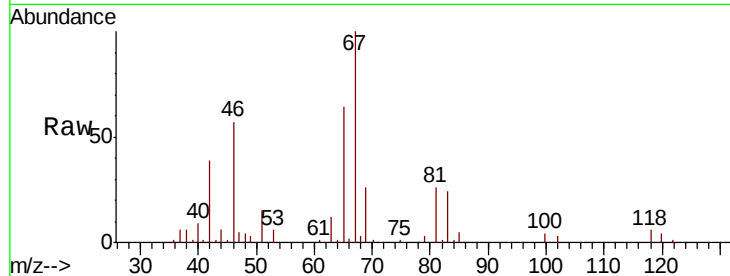




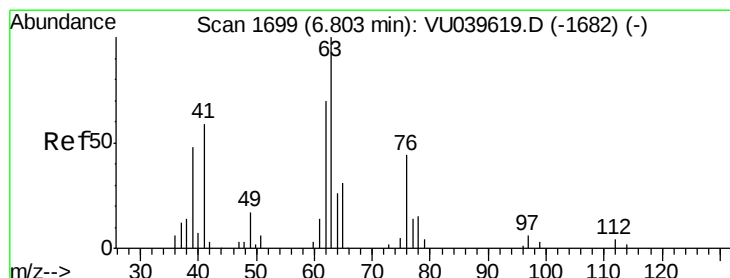
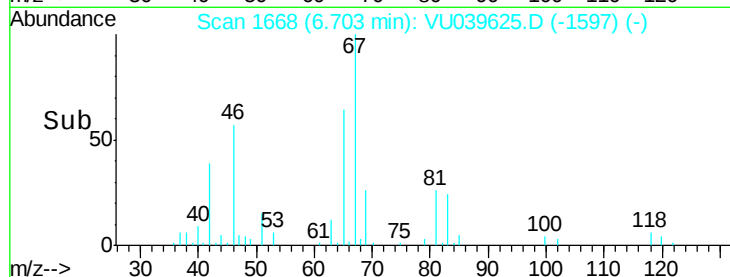
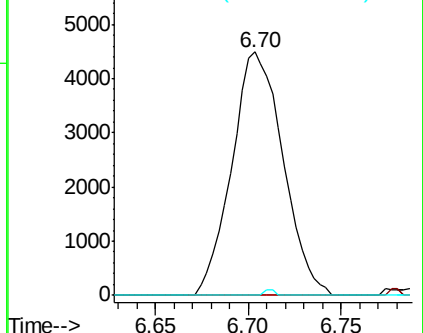
#35
Methvlcvclohexane
Concen: 0.813 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039625.D
Acq: 22 Jul 2020 12:56

Instrument :
MSVOA_U
ClientSampleId :
GAY03DL

Tot Ion: 83 Resp: 8623
Ion Ratio Lower Upper
83 100
55 0.5 63.0 94.6#
98 0.5 35.3 52.9#

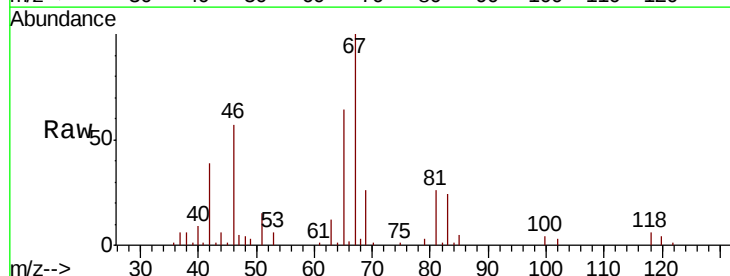


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

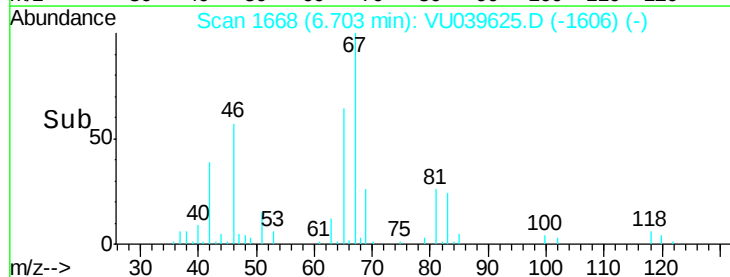
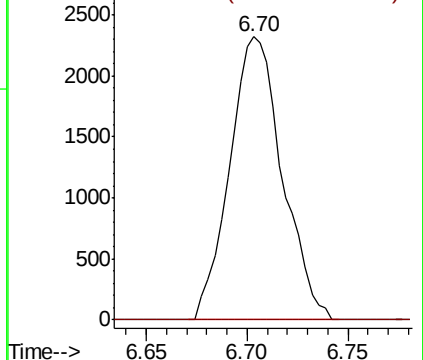


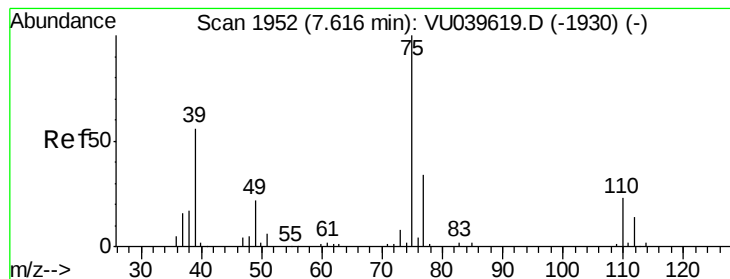
#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039625.D
Acq: 22 Jul 2020 12:56

Tgt Ion: 63 Resp: 4234
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



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: 0.110 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039625.D

Acq: 22 Jul 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

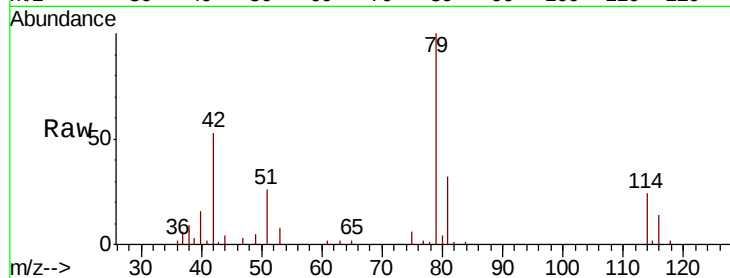
GAY03DL

Tot Ion: 75 Resp: 1154

Ion Ratio Lower Upper

75 100

77 42.7 23.2 43.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

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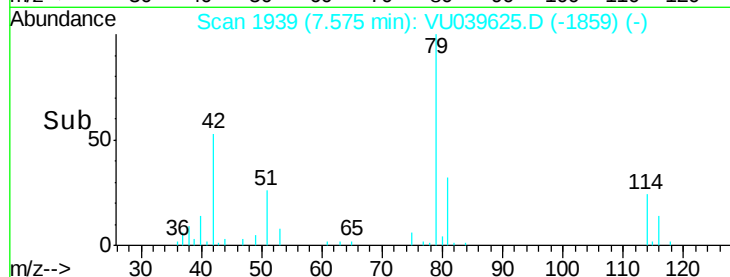
7.57

7.57

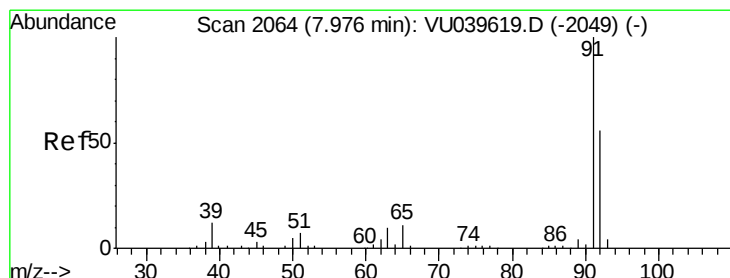
7.57

7.57

7.57



Time-->



#42

Toluene

Concen: 0.097 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU039625.D

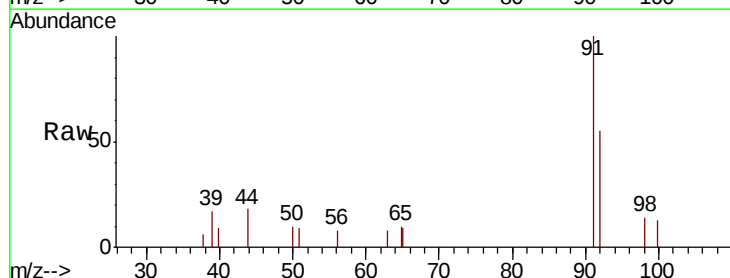
Acq: 22 Jul 2020 12:56

Tgt Ion: 91 Resp: 2775

Ion Ratio Lower Upper

91 100

92 55.4 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

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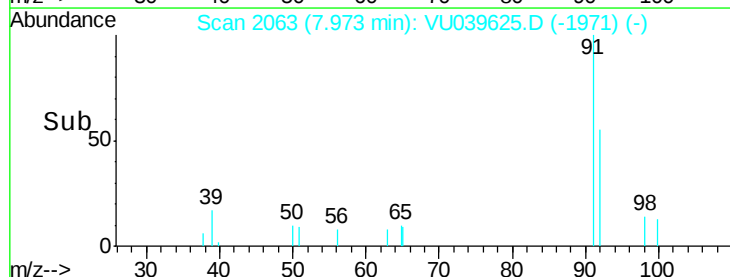
7.97

7.97

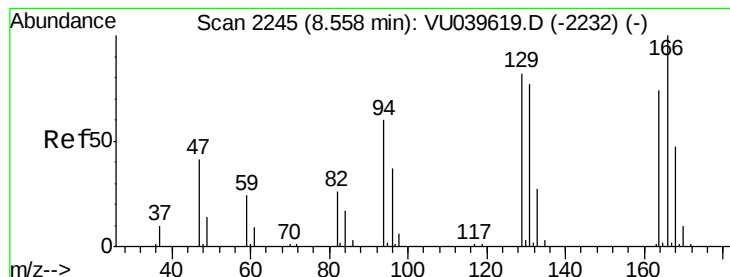
7.97

7.97

7.97



Time-->



#47

Tetrachloroethene

Concen: 5.531 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039625.D

Acq: 22 Jul 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

GAY03DL

Tot Ion:164 Resp: 27310

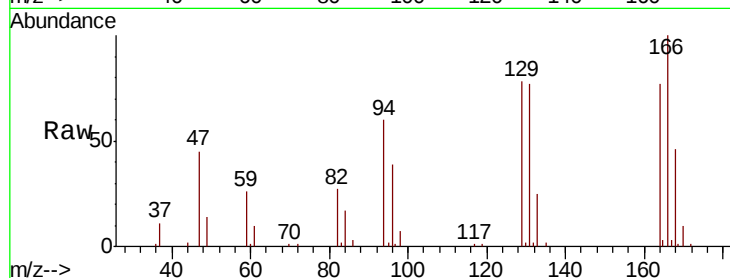
Ion Ratio Lower Upper

164 100

129 101.6 67.9 126.1

131 100.6 64.7 120.1

166 130.0 85.1 158.1

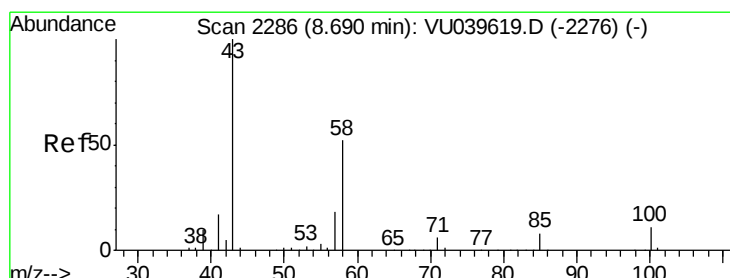
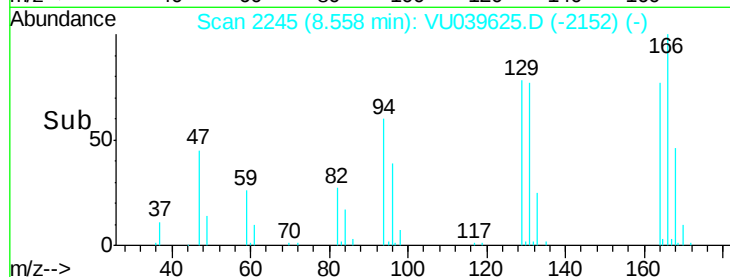
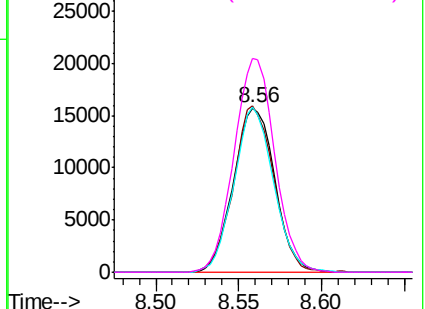


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 1.114 ug/L

RT: 8.70 min Scan# 2289

Delta R.T. 0.01 min

Lab File: VU039625.D

Acq: 22 Jul 2020 12:56

Tgt Ion: 43 Resp: 4695

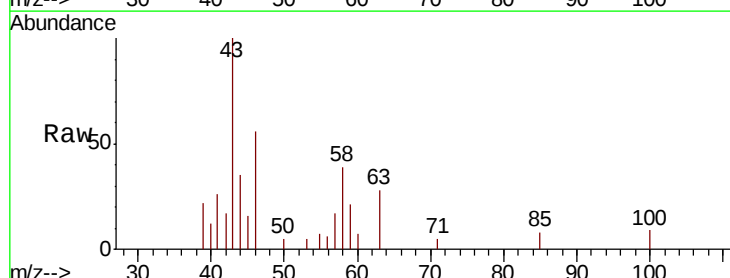
Ion Ratio Lower Upper

43 100

58 41.8 40.9 61.3

57 4.0 14.6 21.8#

100 7.0 7.9 11.9#

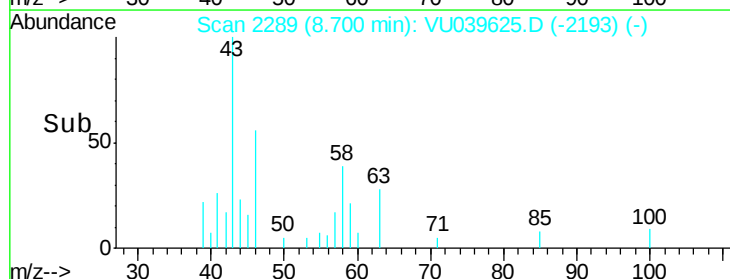
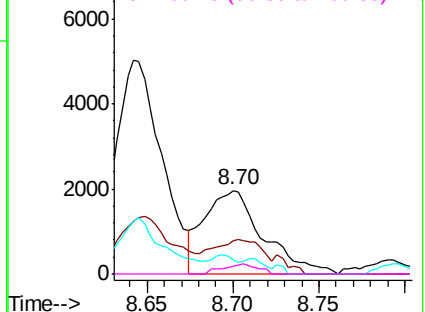


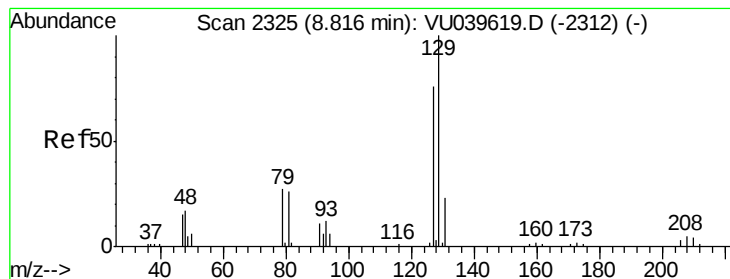
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 4.000 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039625.D

Acq: 22 Jul 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

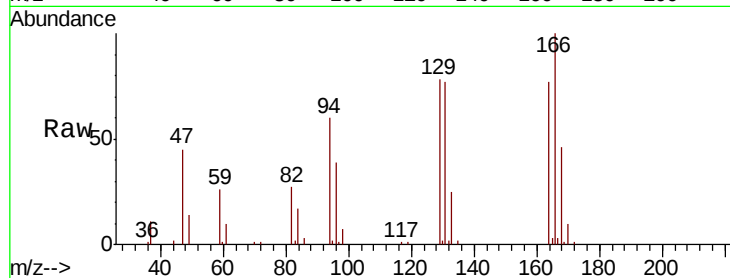
GAY03DL

Tot Ion:129 Resp: 26934

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

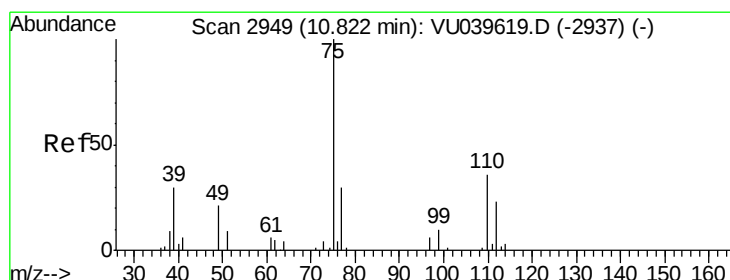
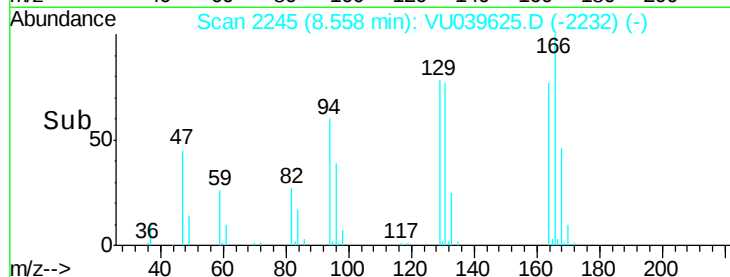
15000

10000

5000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.364 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039625.D

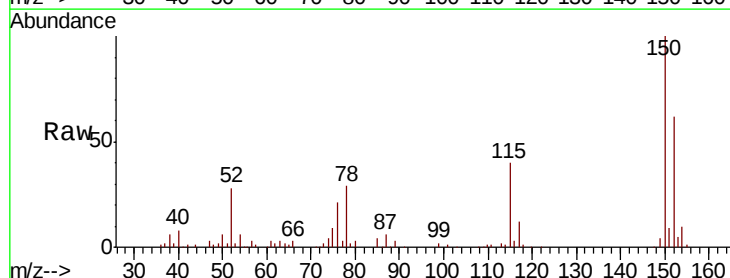
Acq: 22 Jul 2020 12:56

Tgt Ion: 75 Resp: 7300

Ion Ratio Lower Upper

75 100

77 37.4 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

5000

4000

3000

2000

1000

0

Time-->

