

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039421.D
 Acq On : 10 Jul 2020 02:15
 Operator : SY/MD
 Sample : L3261-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE508

Quant Time: Jul 10 02:56:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 02:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	99361	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44336	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24419	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	27944	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	40709	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.66	46	158170	60.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.06%
24) Chloroform-d	5.09	84	65920	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.72	65	43511	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.75	84	125307	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.70	67	44326	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.91	98	110250	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
43) trans-1,3-Dichloropropene-	8.19	79	17446	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.64	63	115480	56.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.32%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	40828	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	43964	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

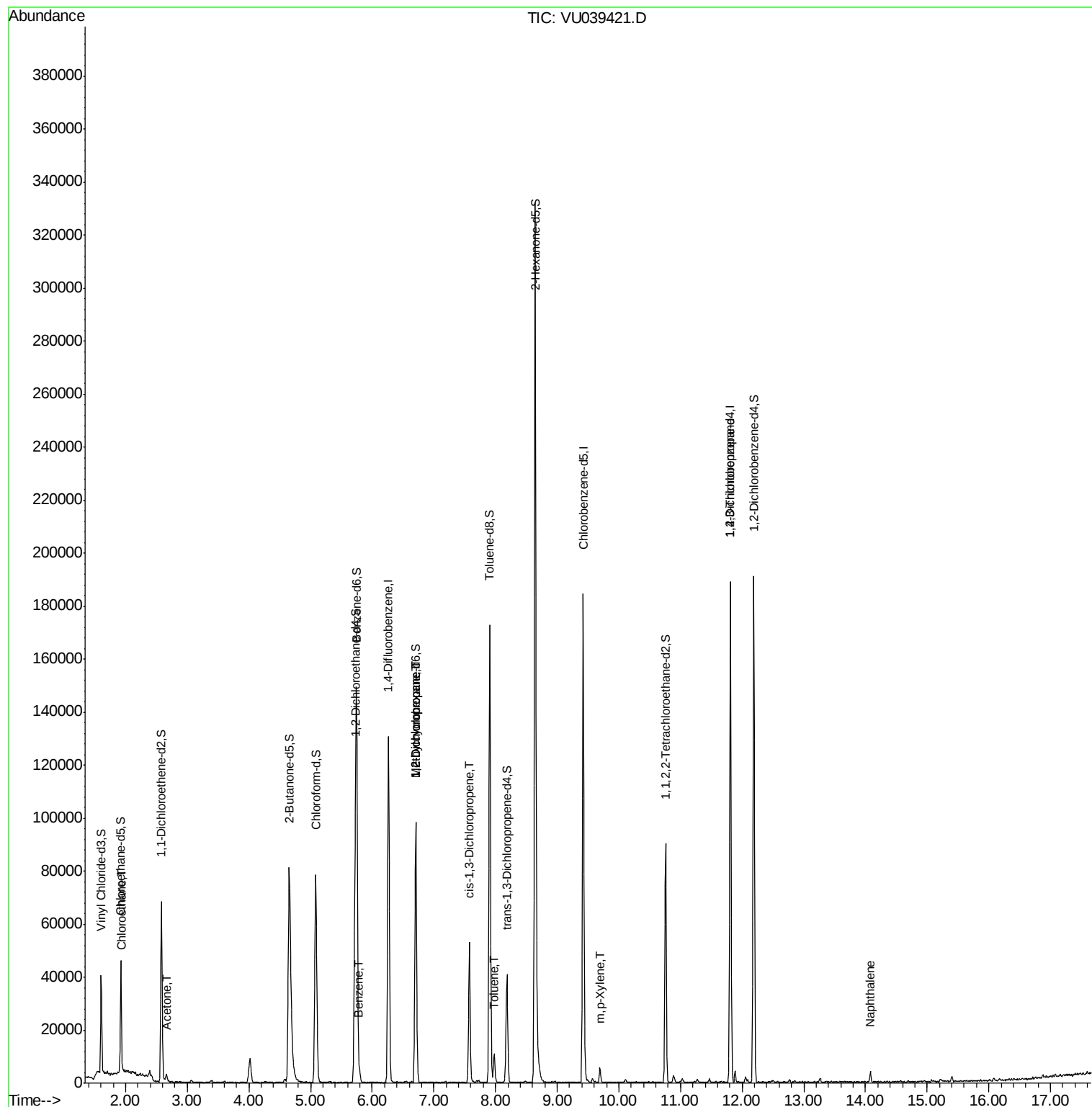
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	418	0.071	ug/L #	58
13) Acetone	2.66	43	1915	1.346	ug/L	70
33) Benzene	5.79	78	3259	0.118	ug/L	100
35) Methylcyclohexane	6.71	83	9929	0.872	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5397	0.720	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1427	0.126	ug/L #	50
42) Toluene	7.98	91	7901	0.268	ug/L	90
53) m,p-Xylene	9.70	106	1525	0.124	ug/L	90
59) 1,2,3-Trichloropropane	11.81	75	6589	1.192	ug/L	90
69) Naphthalene	14.08	128	3418	0.191	ug/L #	90

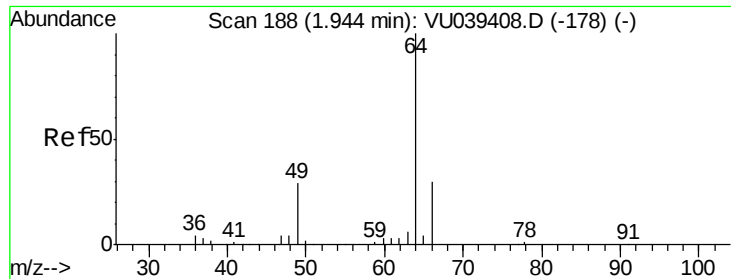
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.071 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039421.D

Acq: 10 Jul 2020 02:15

Instrument :

MSVOA_U

ClientSampleId :

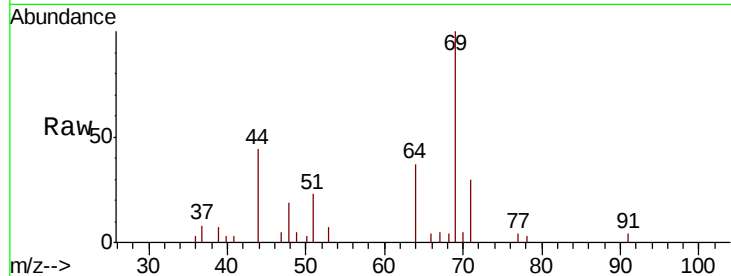
BE508

Tot Ion: 64 Resp: 418

Ion Ratio Lower Upper

64 100

66 9.6 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU039408.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU039408.D (-178) (-)

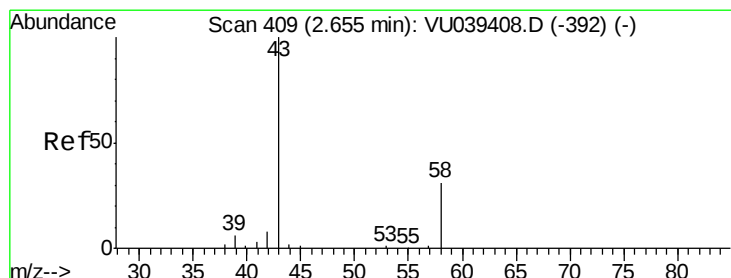
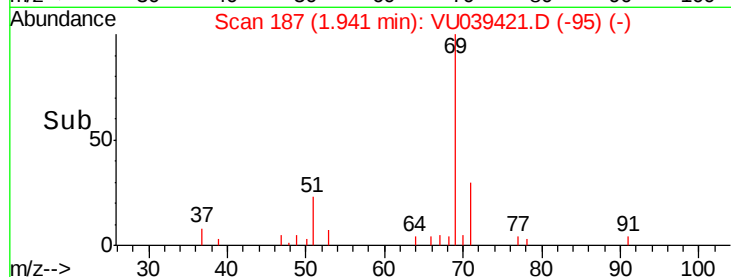
1.94

1000

500

0

Time-->



#13

Acetone

Concen: 1.346 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU039421.D

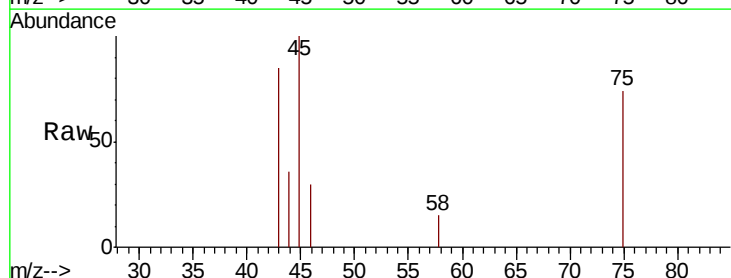
Acq: 10 Jul 2020 02:15

Tgt Ion: 43 Resp: 1915

Ion Ratio Lower Upper

43 100

58 14.9 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039408.D (-392) (-)

Ion 58.05 (57.75 to 58.75): VU039408.D (-392) (-)

2.66

800

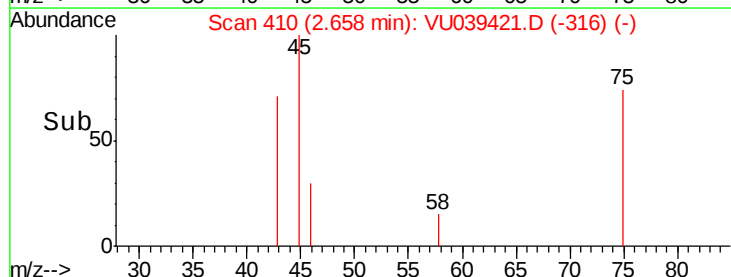
600

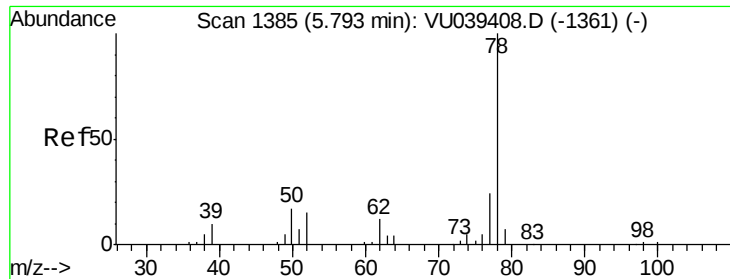
400

200

0

Time-->





#33

Benzene

Concen: 0.118 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VU039421.D

Acq: 10 Jul 2020 02:15

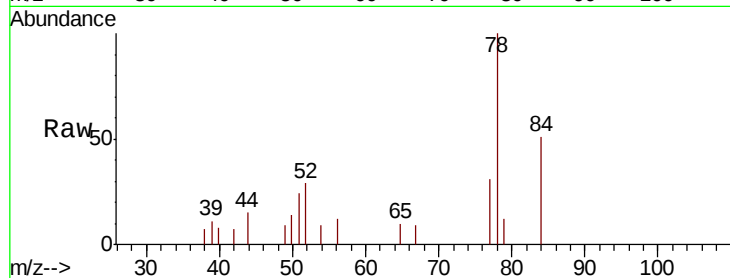
Instrument :

MSVOA_U

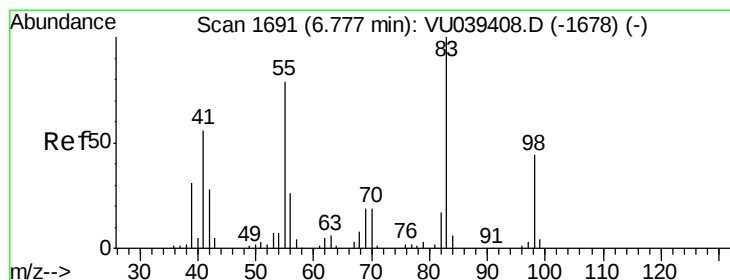
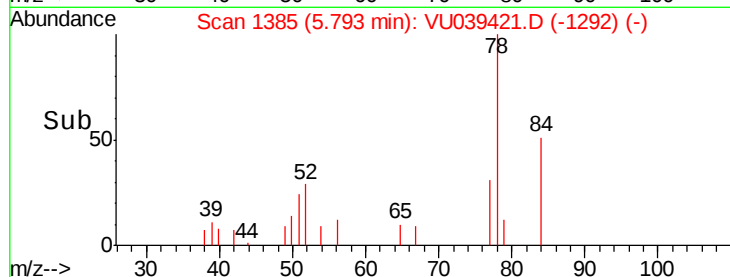
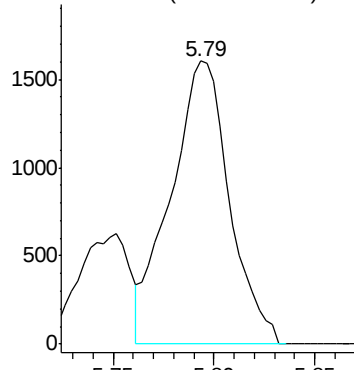
ClientSampleId :

BE508

Tgt Ion: 78 Resp: 3259



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039421.D

Acq: 10 Jul 2020 02:15

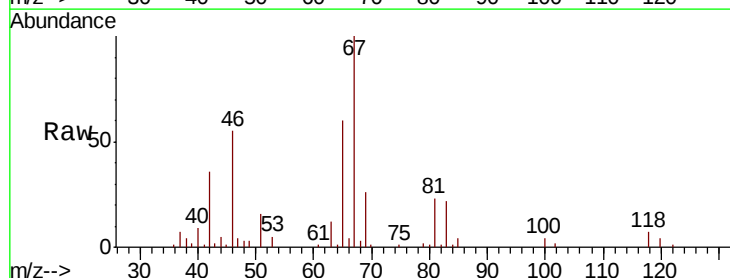
Tgt Ion: 83 Resp: 9929

Ion Ratio Lower Upper

83 100

55 0.7 62.1 93.1#

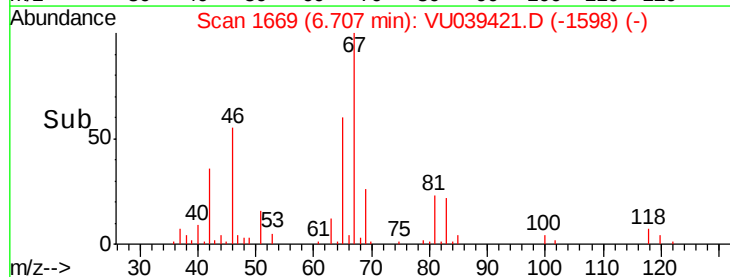
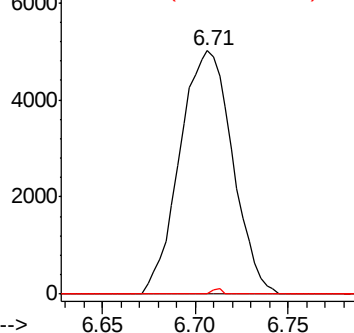
98 0.4 35.9 53.9#

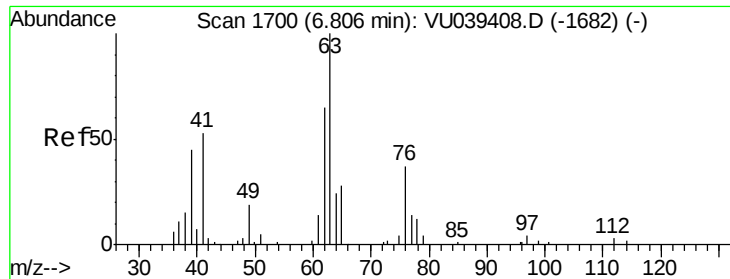


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

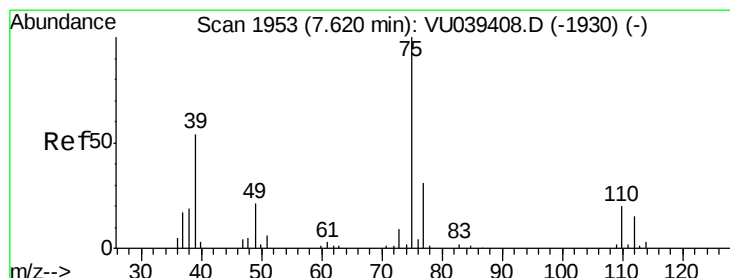
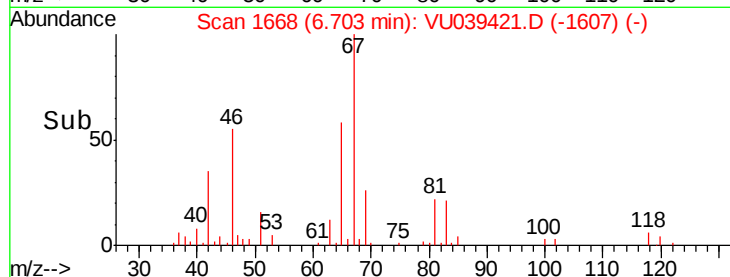
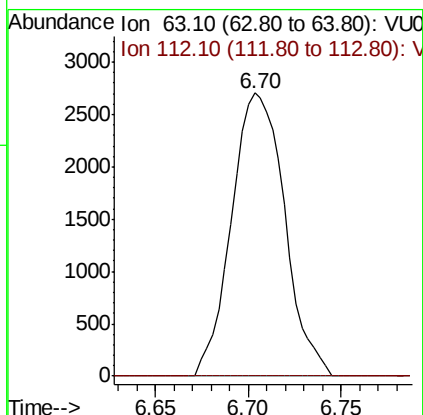
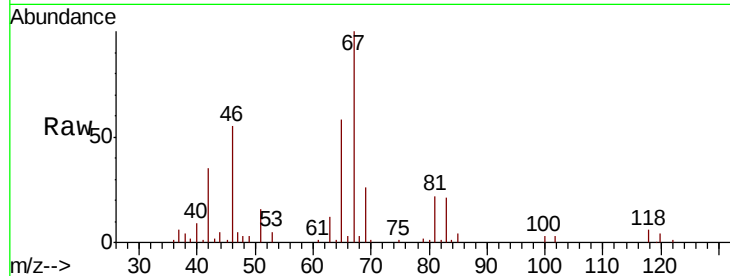




#37
 1,2-Dichloropropane
 Concen: 0.720 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039421.D
 Acq: 10 Jul 2020 02:15

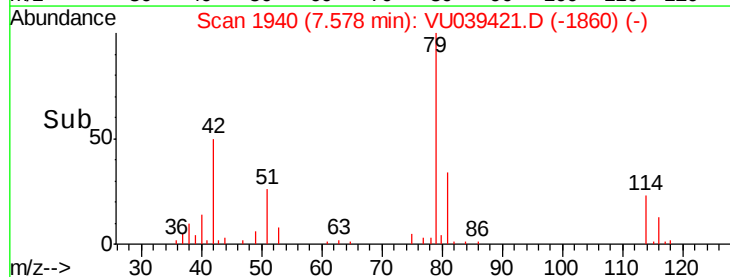
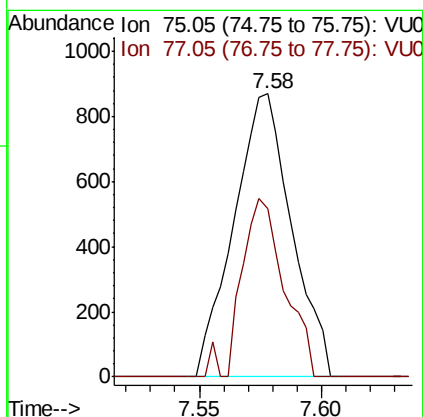
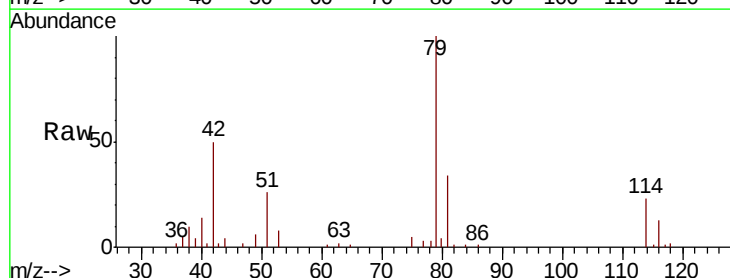
Instrument :
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 ClientSampleID :
 BE508

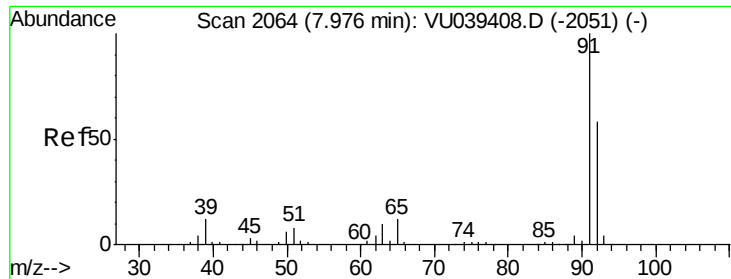
Tot Ion: 63 Resp: 5397
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039421.D
 Acq: 10 Jul 2020 02:15

Tgt Ion: 75 Resp: 1427
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.3 41.3#





#42

Toluene

Concen: 0.268 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039421.D

Acq: 10 Jul 2020 02:15

Instrument :

MSVOA_U

ClientSampleId :

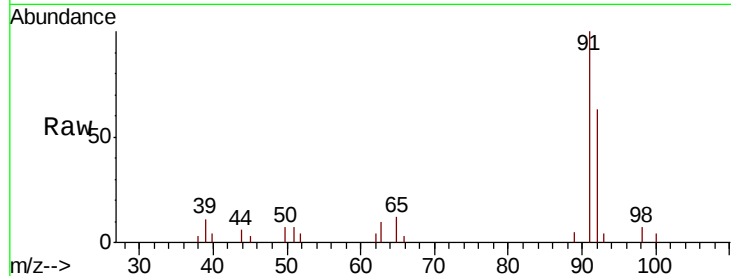
BE508

Tot Ion: 91 Resp: 7901

Ion Ratio Lower Upper

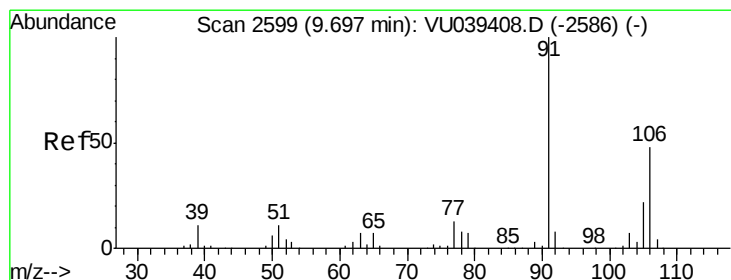
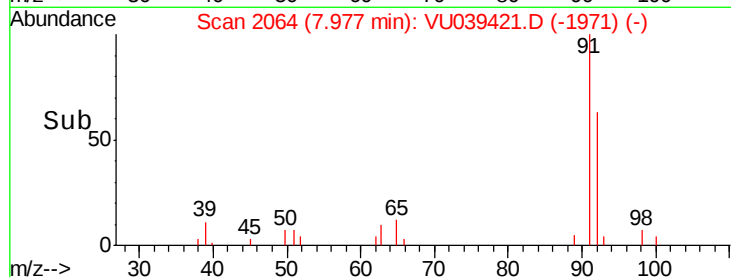
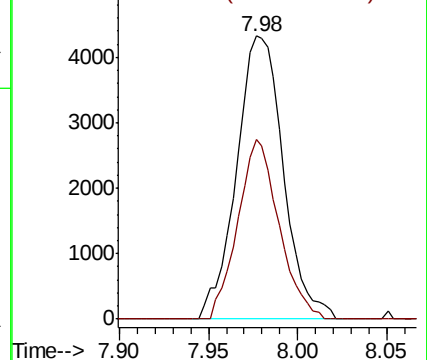
91 100

92 63.3 39.3 73.1



Abundance Ion 91.15 (90.85 to 91.85): VU039408.D (-2051) (-)

Ion 92.15 (91.85 to 92.85): VU039408.D (-2051) (-)



#53

m,p-Xylene

Concen: 0.124 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039421.D

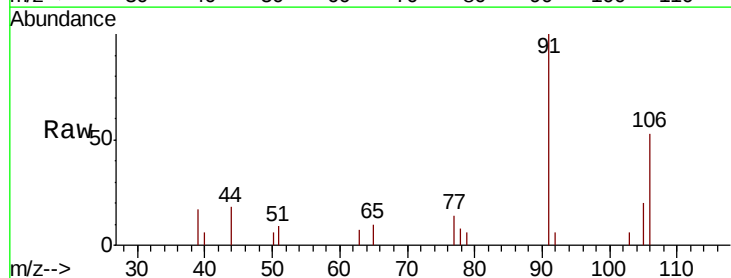
Acq: 10 Jul 2020 02:15

Tgt Ion: 106 Resp: 1525

Ion Ratio Lower Upper

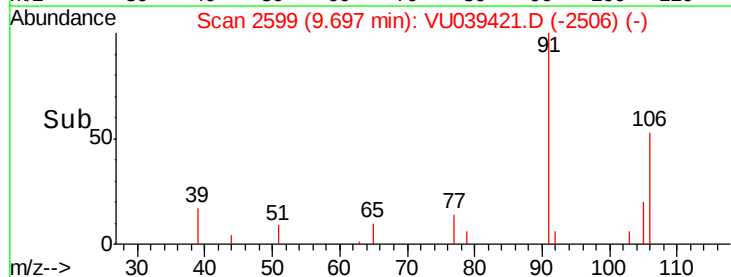
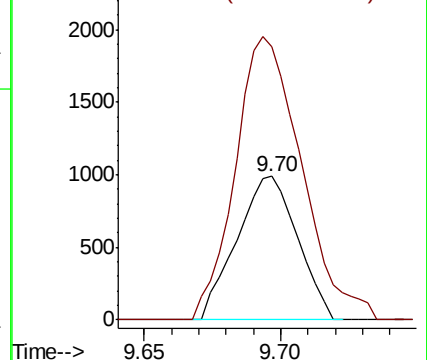
106 100

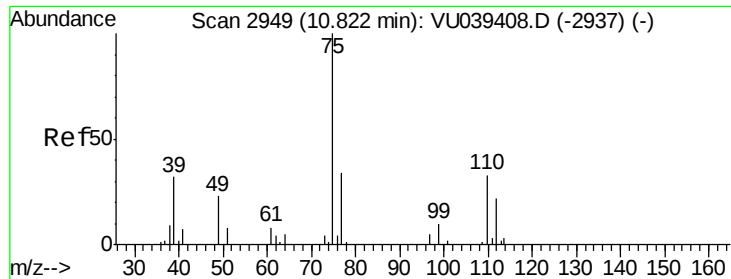
91 189.6 144.0 267.4



Abundance Ion 106.15 (105.85 to 106.85): VU039408.D (-2586) (-)

Ion 91.15 (90.85 to 91.85): VU039408.D (-2586) (-)





#59

1,2,3-Trichloropropane

Concen: 1.192 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039421.D

Acq: 10 Jul 2020 02:15

Instrument :

MSVOA_U

ClientSampleId :

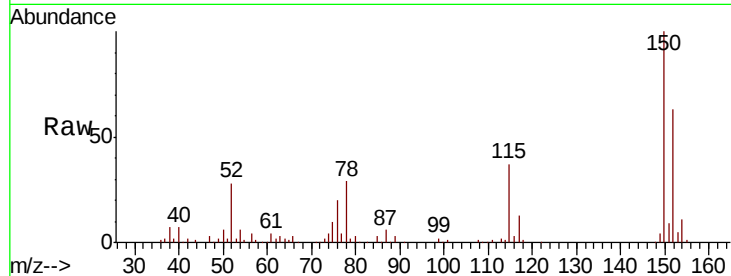
BE508

Tot Ion: 75 Resp: 6589

Ion Ratio Lower Upper

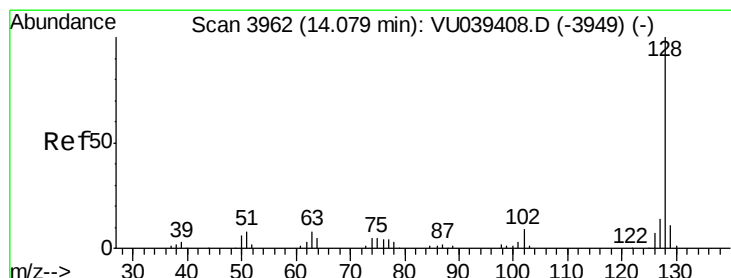
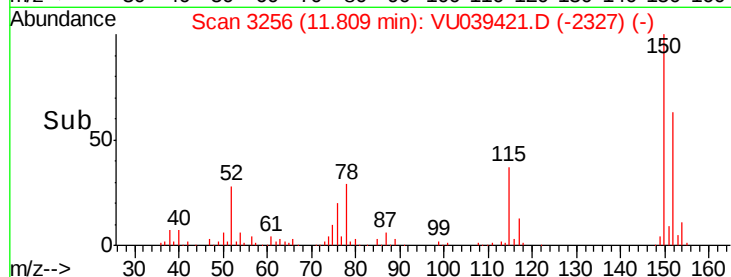
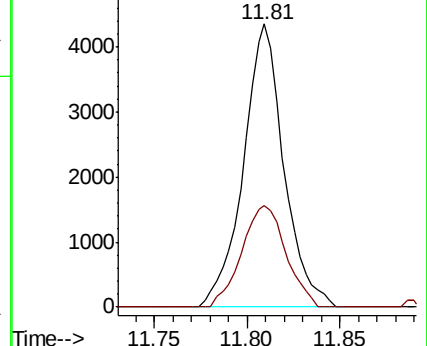
75 100

77 39.0 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU039408.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039408.D (-2937) (-)



#69

Naphthalene

Concen: 0.191 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039421.D

Acq: 10 Jul 2020 02:15

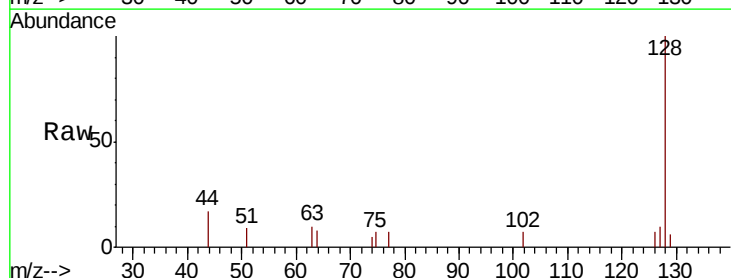
Tgt Ion: 128 Resp: 3418

Ion Ratio Lower Upper

128 100

129 4.7 8.6 13.0#

127 11.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): VU039408.D (-3949) (-)

Ion 129.00 (128.70 to 129.70): VU039408.D (-3949) (-)

Ion 127.00 (126.70 to 127.70): VU039408.D (-3949) (-)

