

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039492.D
 Acq On : 14 Jul 2020 18:11
 Operator : SY/MD
 Sample : L3292-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT89

Quant Time: Jul 15 06:25:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	93989	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88482	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23800	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	24780	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	38111	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	116574	46.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	5.09	84	50347	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	34941	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.75	84	105098	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.71	67	34994	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.91	98	91576	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.19	79	14363	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	83961	42.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32833	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	36784	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

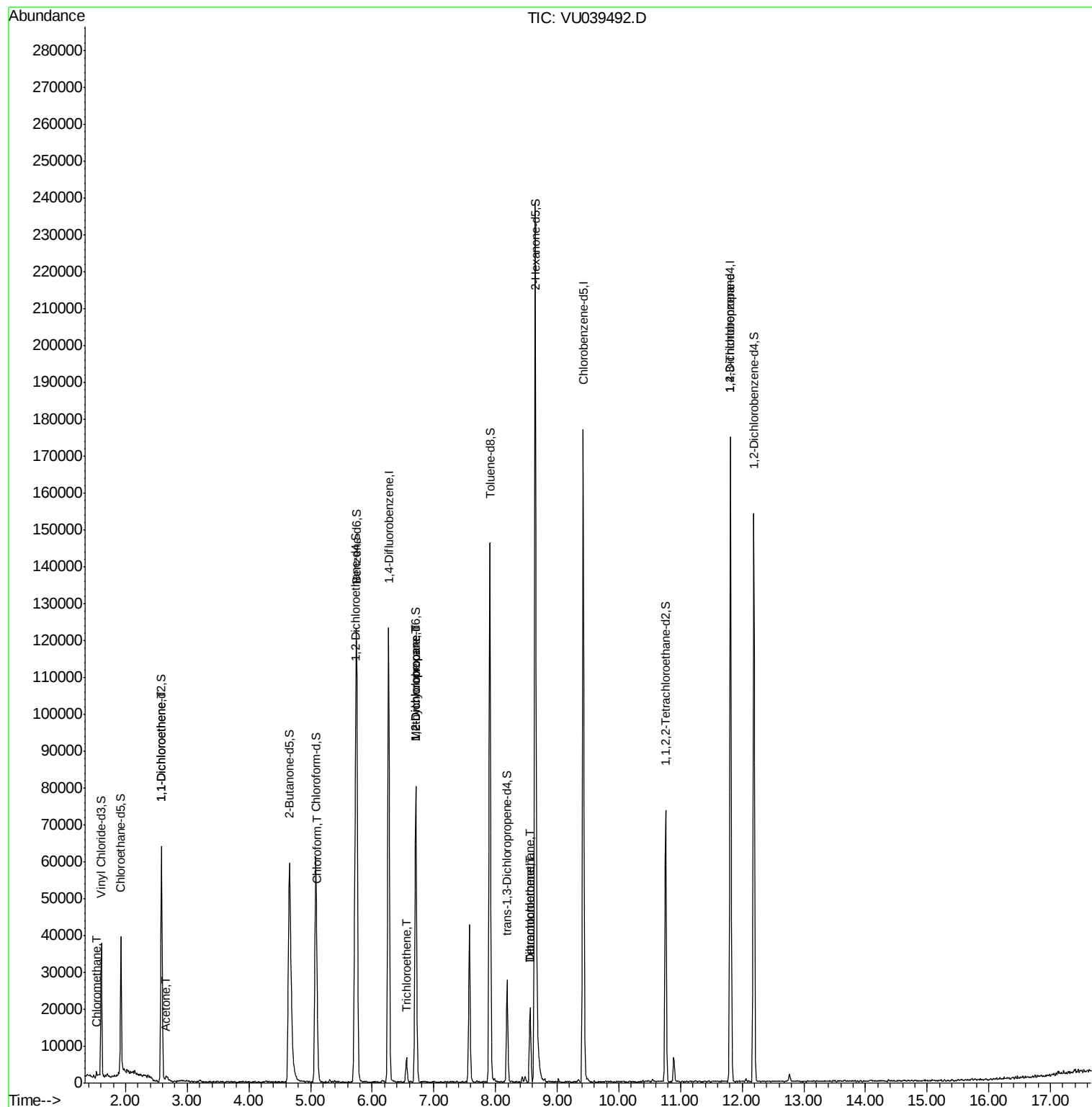
					Ovalue
3) Chloromethane	1.53	50	951	0.138	ug/L 100
12) 1,1-Dichloroethene	2.58	96	382	0.068	ug/L # 1
13) Acetone	2.66	43	1564	1.162	ug/L 92
25) Chloroform	5.11	83	5708	0.467	ug/L 97
34) Trichloroethene	6.56	95	1802	0.263	ug/L # 76
35) Methylcyclohexane	6.70	83	8051	0.735	ug/L # 19
37) 1,2-Dichloropropane	6.71	63	4144	0.575	ug/L # 91
47) Tetrachloroethene	8.56	164	3826	0.804	ug/L 89
49) Dibromochloromethane	8.56	129	3787	0.604	ug/L # 10
59) 1,2,3-Trichloropropane	11.81	75	6944	1.307	ug/L 90

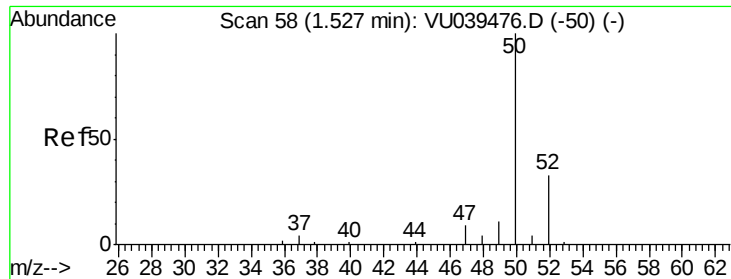
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039492.D

Acq: 14 Jul 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

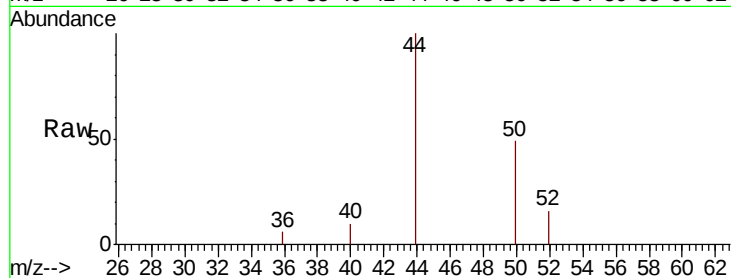
BFT89

Tot Ion: 50 Resp: 951

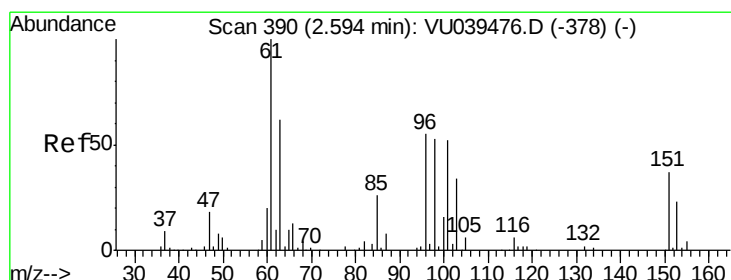
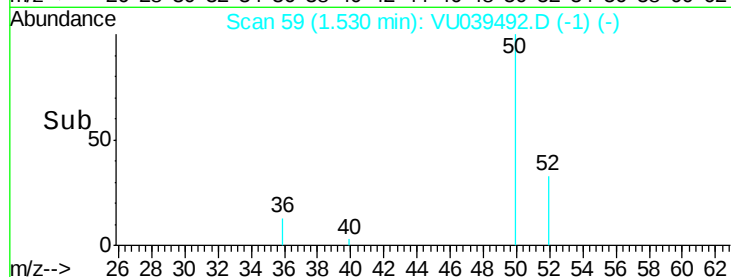
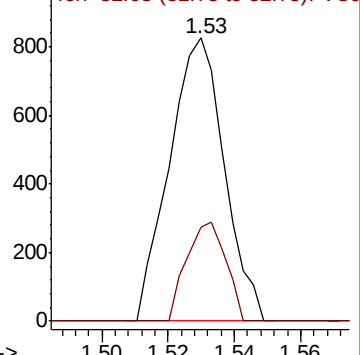
Ion Ratio Lower Upper

50 100

52 33.2 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU039492.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU039492.D

Acq: 14 Jul 2020 18:11

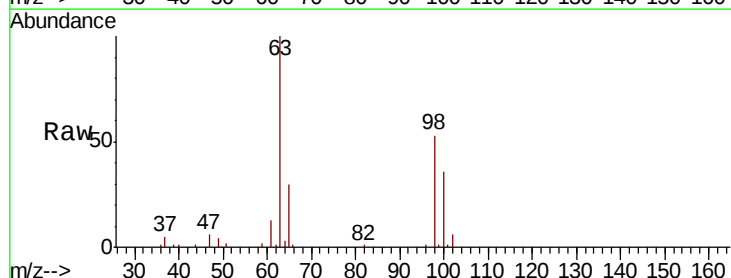
Tgt Ion: 96 Resp: 382

Ion Ratio Lower Upper

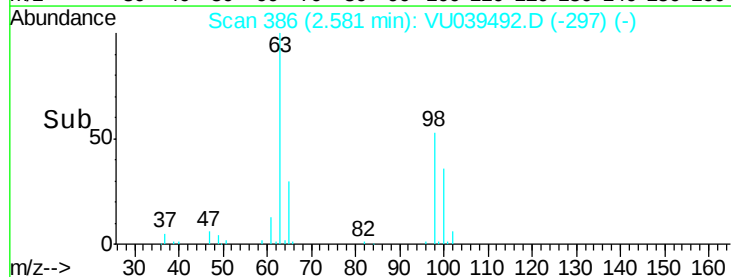
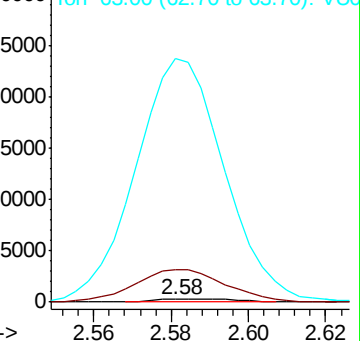
96 100

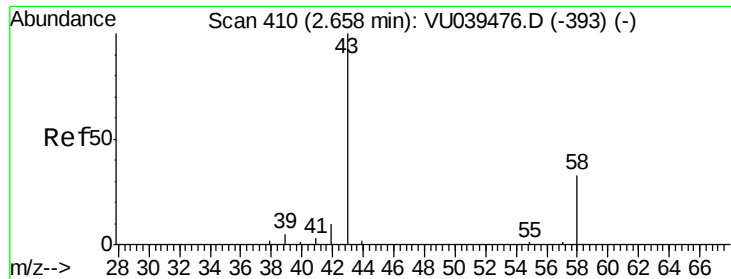
61 1194.0 125.4 232.8#

63 8947.9 92.7 172.3#



Abundance Ion 96.00 (95.70 to 96.70): VU039492.D (-297) (-)





#13

Acetone

Concen: 1.162 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU039492.D

Acq: 14 Jul 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

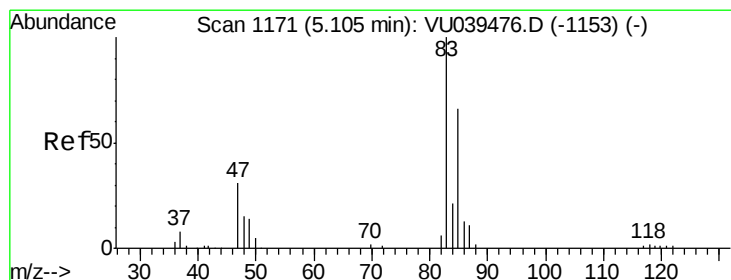
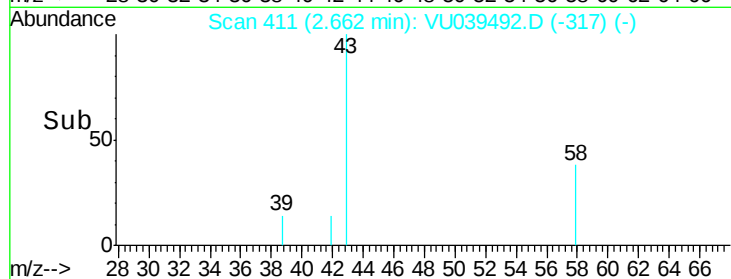
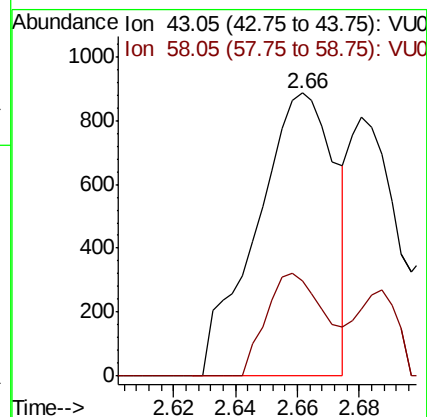
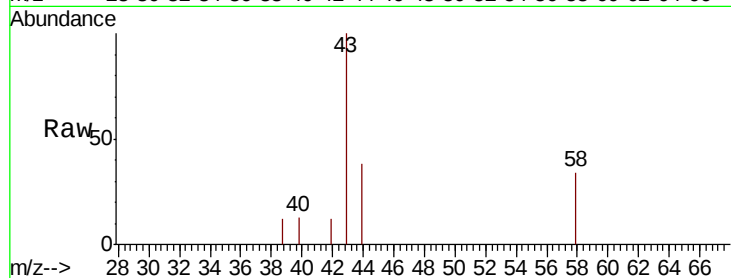
BFT89

Tot Ion: 43 Resp: 1564

Ion Ratio Lower Upper

43 100

58 27.2 0.0 62.8



#25

Chloroform

Concen: 0.467 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039492.D

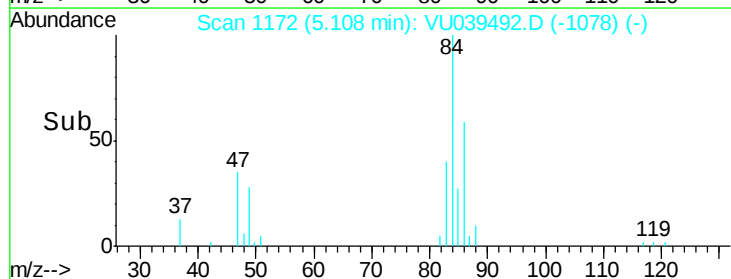
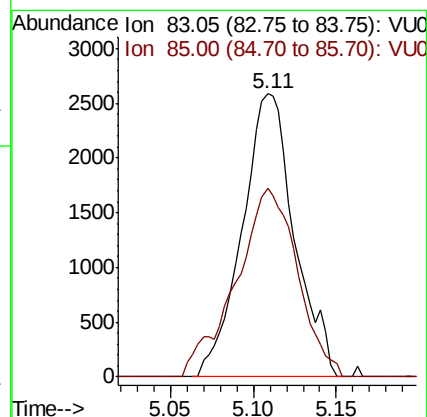
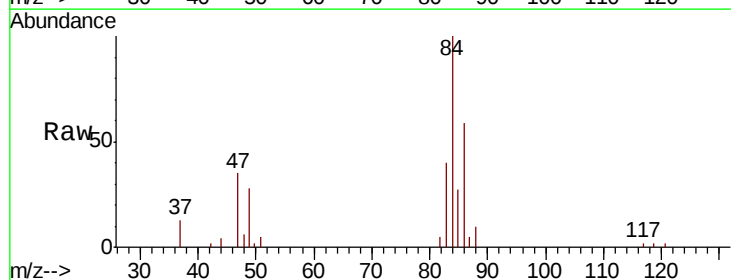
Acq: 14 Jul 2020 18:11

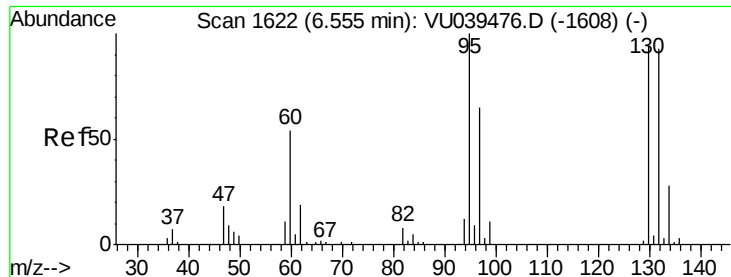
Tgt Ion: 83 Resp: 5708

Ion Ratio Lower Upper

83 100

85 66.6 44.9 83.5

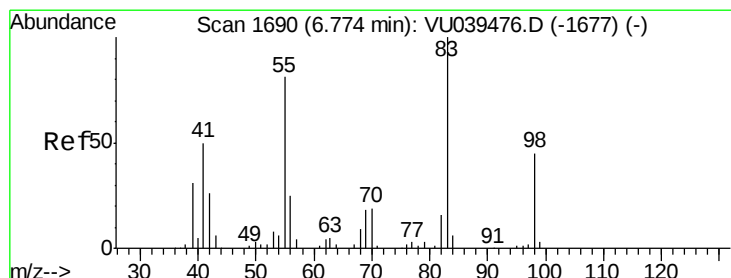
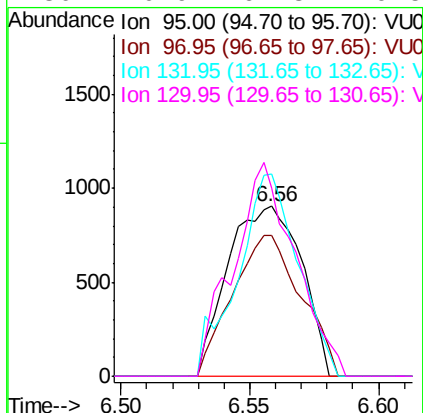
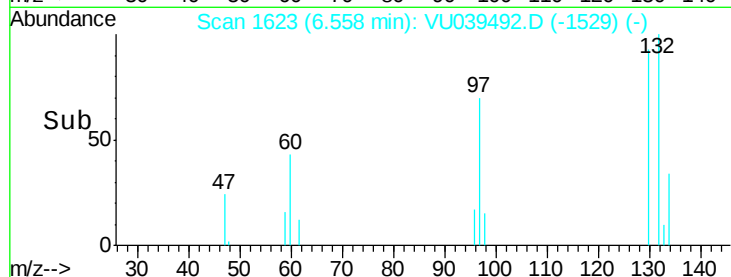
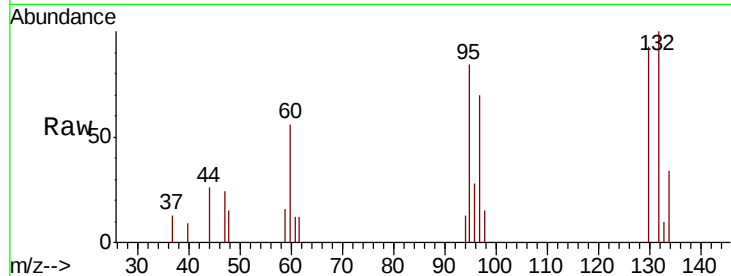




#34
 Trichloroethene
 Concen: 0.263 ug/L
 RT: 6.56 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: VU039492.D
 Acq: 14 Jul 2020 18:11

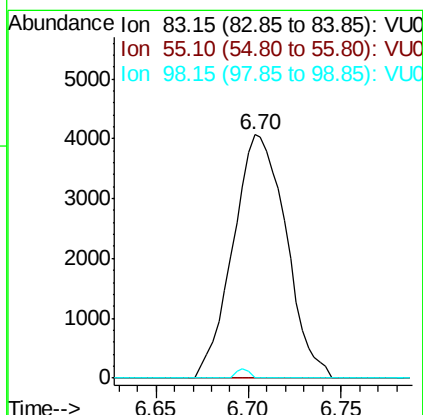
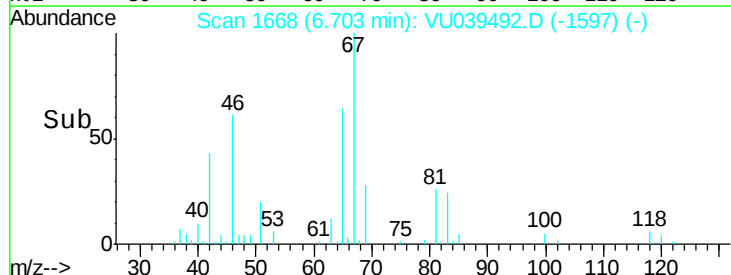
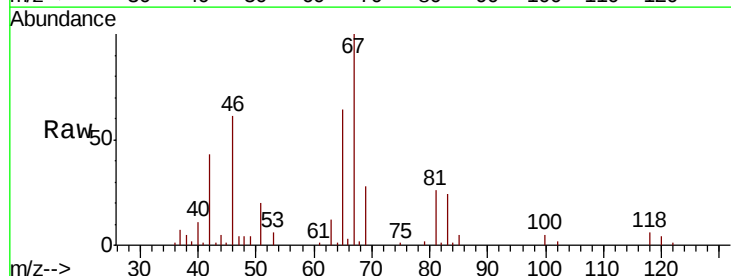
Instrument :
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 ClientSampleId :
 BFT89

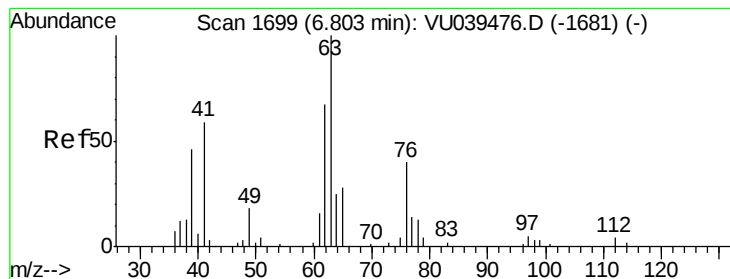
Tot Ion: 95 Resp: 1802
 Ion Ratio Lower Upper
 95 100
 97 82.9 46.3 85.9
 132 119.2 64.0 118.8#
 130 110.9 64.3 119.5



#35
 Methylcyclohexane
 Concen: 0.735 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU039492.D
 Acq: 14 Jul 2020 18:11

Tgt Ion: 83 Resp: 8051
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.9 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039492.D

Acq: 14 Jul 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

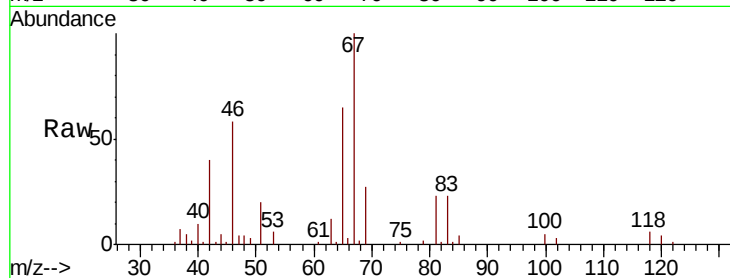
BFT89

Tot Ion: 63 Resp: 4144

Ion Ratio Lower Upper

63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039476.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU039476.D (-1681) (-)

6.71

2000

1500

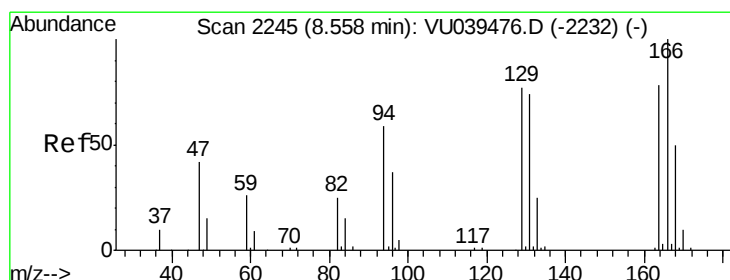
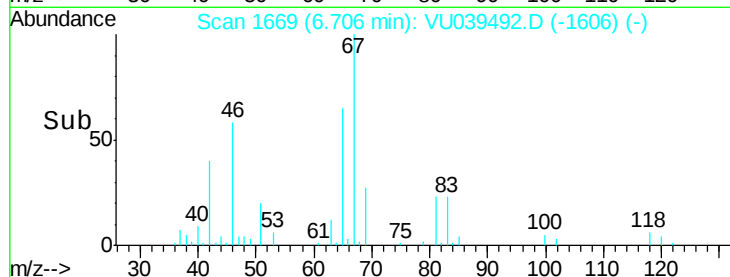
1000

500

0

6.65 6.70 6.75

Time-->



#47

Tetrachloroethene

Concen: 0.804 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039492.D

Acq: 14 Jul 2020 18:11

Tgt Ion:164 Resp: 3826

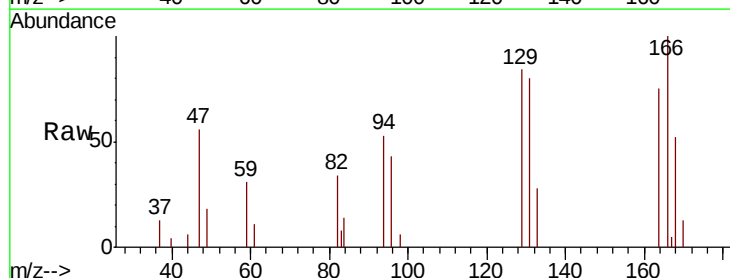
Ion Ratio Lower Upper

164 100

129 111.9 68.6 127.4

131 106.2 66.4 123.4

166 132.7 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): VU039476.D (-2232) (-)

Ion 128.95 (128.65 to 129.65): VU039476.D (-2232) (-)

Ion 130.95 (130.65 to 131.65): VU039476.D (-2232) (-)

Ion 165.90 (165.60 to 166.60): VU039476.D (-2232) (-)

8.56

4000

3000

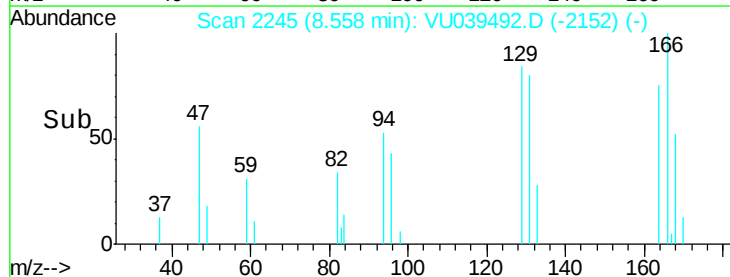
2000

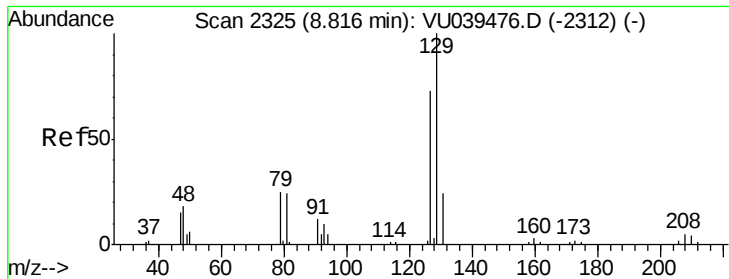
1000

0

8.50 8.55 8.60

Time-->





#49

Dibromochloromethane

Concen: 0.604 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039492.D

Acq: 14 Jul 2020 18:11

Instrument :

MSVOA_U

ClientSampled :

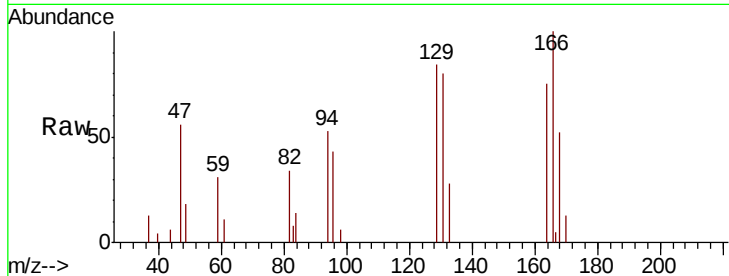
BFT89

Tot Ion:129 Resp: 3787

Ion Ratio Lower Upper

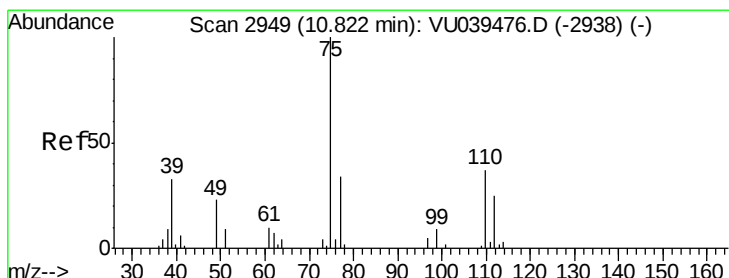
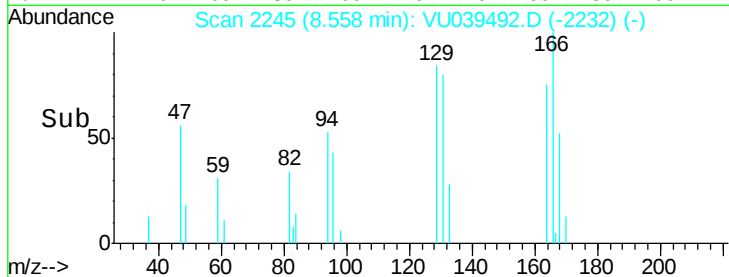
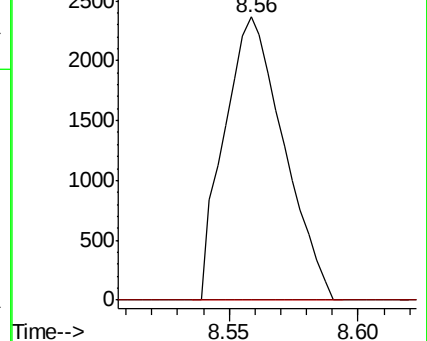
129 100

127 0.0 55.4 102.8#



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: 1.307 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU039492.D

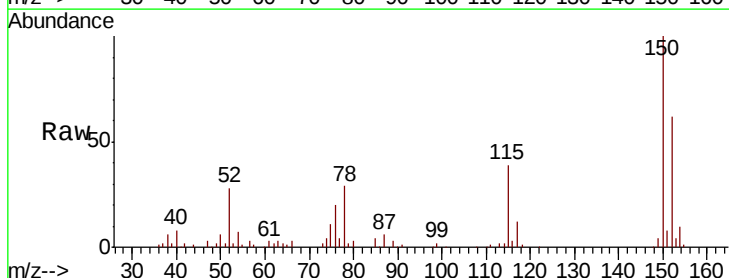
Acq: 14 Jul 2020 18:11

Tgt Ion: 75 Resp: 6944

Ion Ratio Lower Upper

75 100

77 39.0 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

