

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040291.D
 Acq On : 25 Sep 2020 11:45
 Operator : SY/MD
 Sample : L4109-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3W4

Quant Time: Sep 26 04:50:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33901	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.92	69	32045	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.58	63	55599	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.66	46	163229	59.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.40%
24) Chloroform-d	5.08	84	75582	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	47417	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	140155	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.70	67	47745	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.90	98	113775	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.19	79	18319	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.64	63	110586	52.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43063	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	46032	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

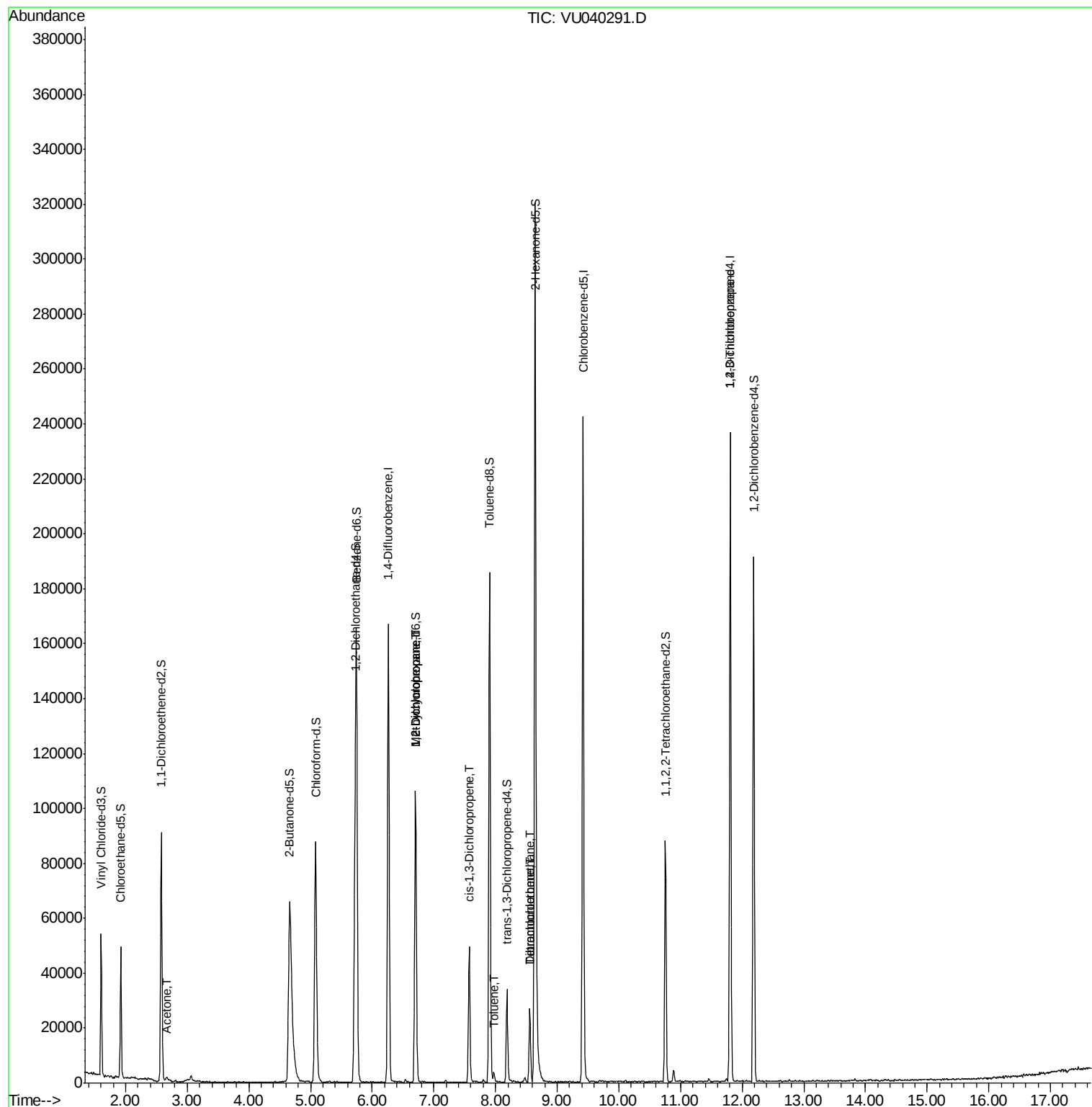
					Ovalue
13) Acetone	2.67	43	2489	0.983 ug/L	81
35) Methylcyclohexane	6.70	83	11449	0.624 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5438	0.450 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1269	0.071 ug/L #	43
42) Toluene	7.97	91	2083	0.045 ug/L	77
47) Tetrachloroethene	8.56	164	5489	0.698 ug/L	96
49) Dibromochloromethane	8.56	129	5456	0.516 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	7967	0.890 ug/L #	86

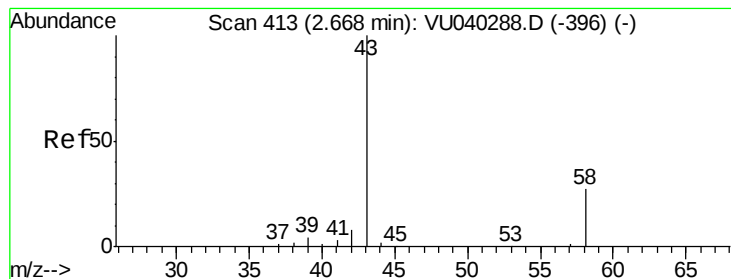
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 26 04:43:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.983 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040291.D

Acq: 25 Sep 2020 11:45

Instrument :

MSVOA_U

ClientSampleId :

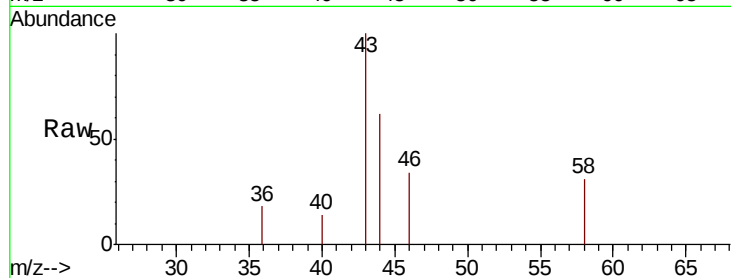
BG3W4

Tot Ion: 43 Resp: 2489

Ion Ratio Lower Upper

43 100

58 17.9 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040288.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU040288.D (-396) (-)

2.67

800

600

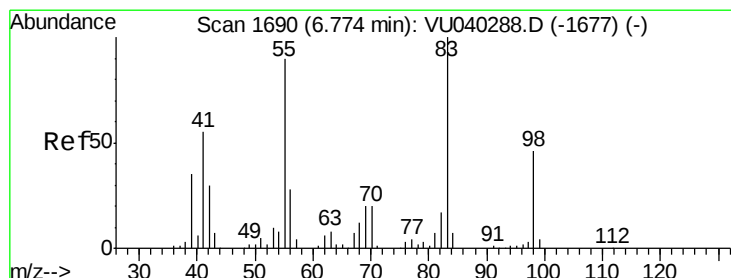
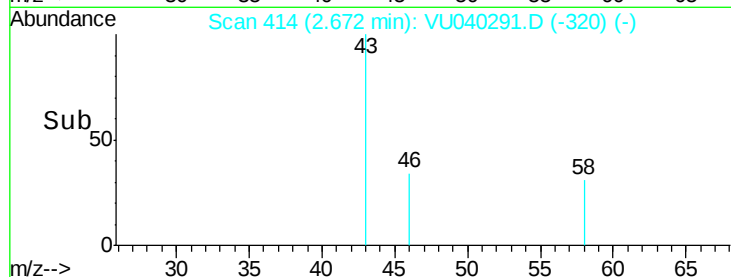
400

200

0

Time-->

2.60 2.65 2.70



#35

Methylcyclohexane

Concen: 0.624 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040291.D

Acq: 25 Sep 2020 11:45

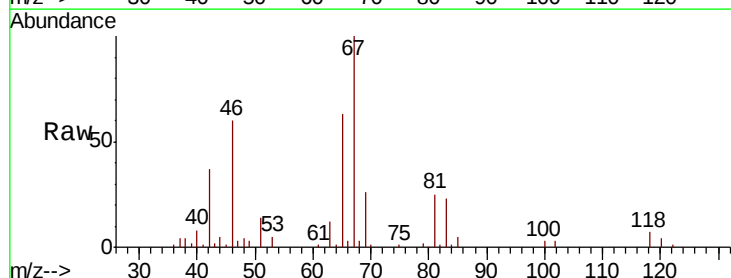
Tgt Ion: 83 Resp: 11449

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 0.5 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VU040288.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU040288.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU040288.D (-1677) (-)

6.70

6000

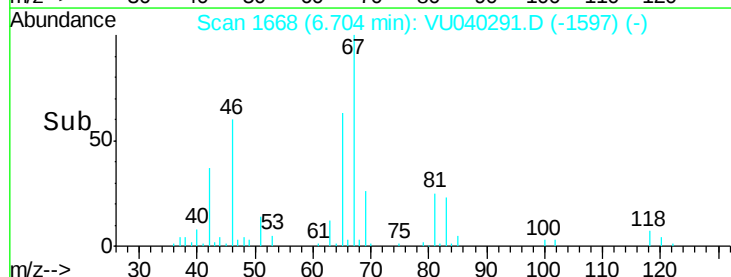
4000

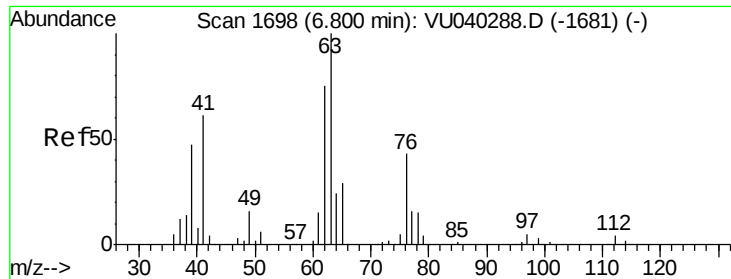
2000

0

Time-->

6.65 6.70 6.75

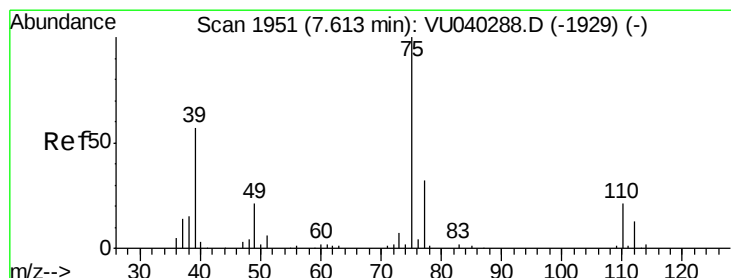
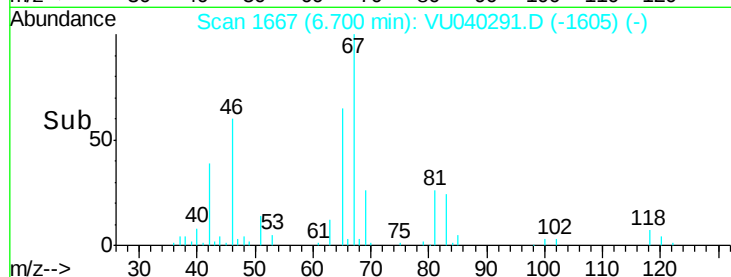
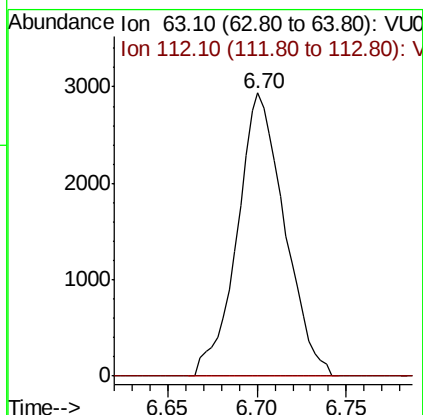
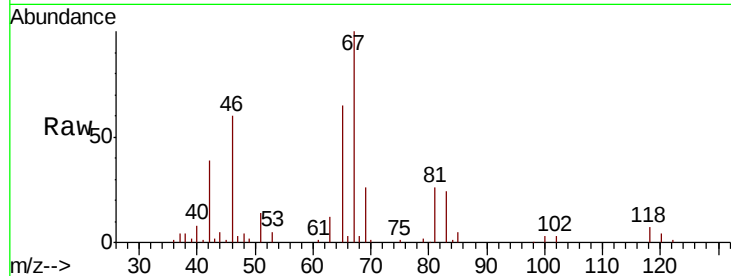




#37
 1,2-Dichloropropane
 Concen: 0.450 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040291.D
 Acq: 25 Sep 2020 11:45

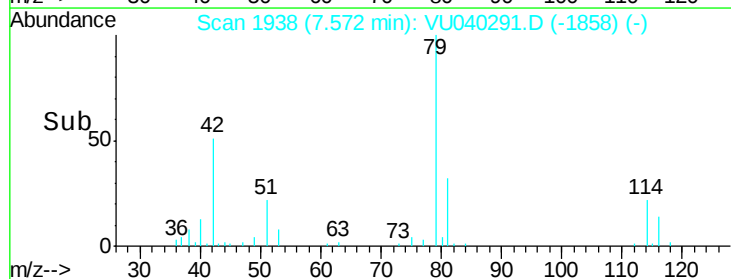
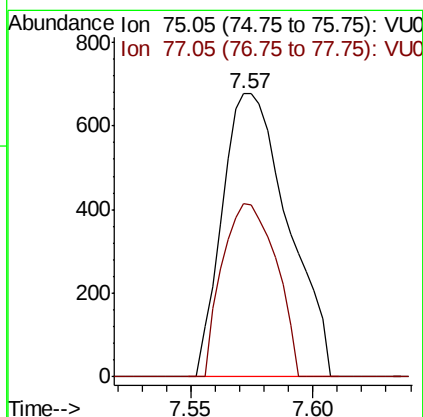
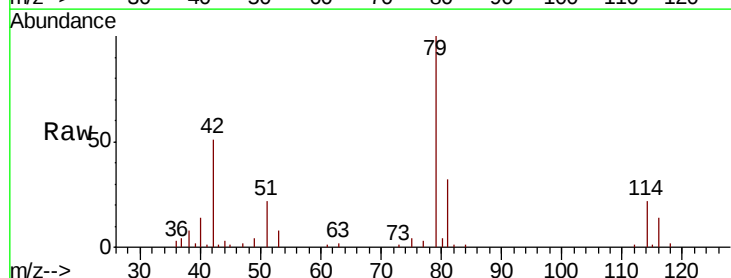
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3W4

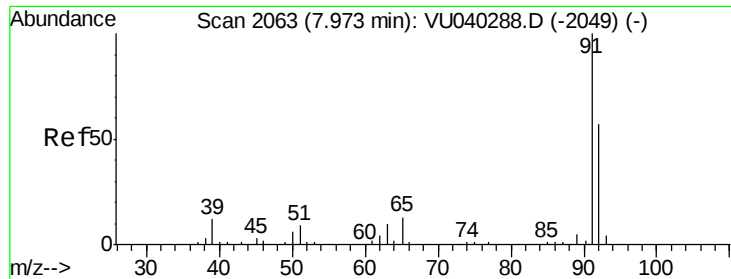
Tot Ion: 63 Resp: 5438
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040291.D
 Acq: 25 Sep 2020 11:45

Tgt Ion: 75 Resp: 1269
 Ion Ratio Lower Upper
 75 100
 77 61.0 21.1 39.3#





#42

Toluene

Concen: 0.045 ug/L

RT: 7.97 min Scan# 2062

Delta R.T. -0.00 min

Lab File: VU040291.D

Acq: 25 Sep 2020 11:45

Instrument :

MSVOA_U

ClientSampled :

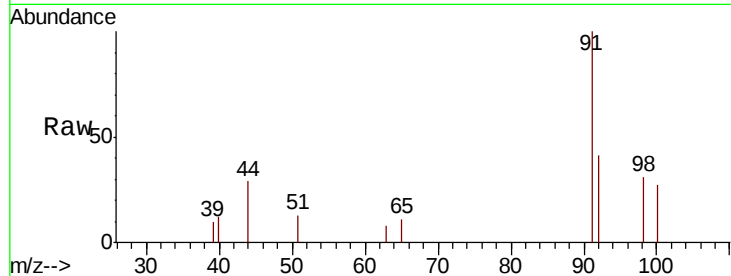
BG3W4

Tot Ion: 91 Resp: 2083

Ion Ratio Lower Upper

91 100

92 40.8 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU040288.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040288.D (-2049) (-)

7.97

1500

1000

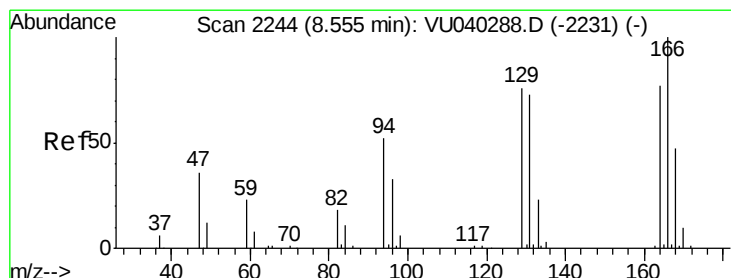
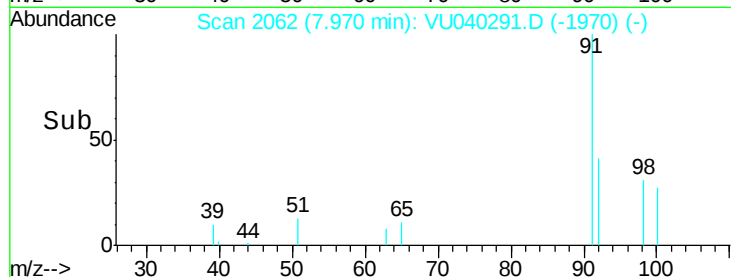
500

0

Time-->

7.95

8.00



#47

Tetrachloroethene

Concen: 0.698 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040291.D

Acq: 25 Sep 2020 11:45

Tgt Ion: 164 Resp: 5489

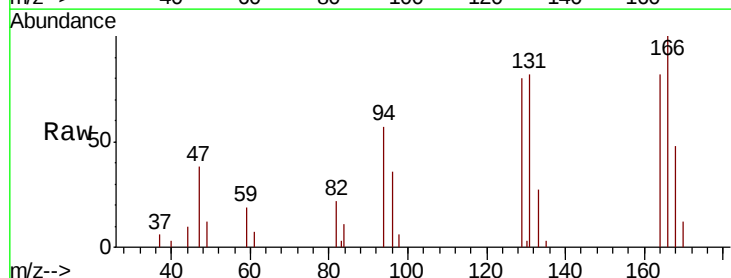
Ion Ratio Lower Upper

164 100

129 97.5 71.5 132.7

131 99.4 65.9 122.5

166 121.3 87.3 162.1



Abundance Ion 163.90 (163.60 to 164.60): VU040288.D (-2231) (-)

Ion 128.95 (128.65 to 129.65): VU040288.D (-2231) (-)

Ion 130.95 (130.65 to 131.65): VU040288.D (-2231) (-)

Ion 165.90 (165.60 to 166.60): VU040288.D (-2231) (-)

6000

5000

4000

3000

2000

1000

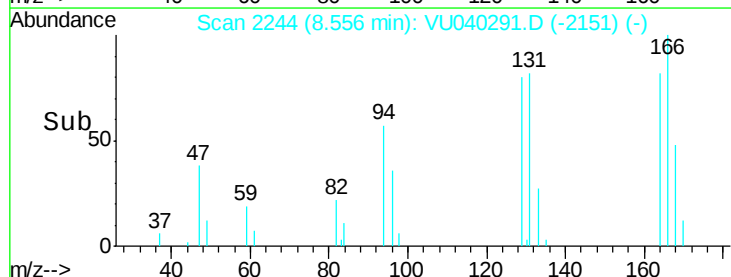
0

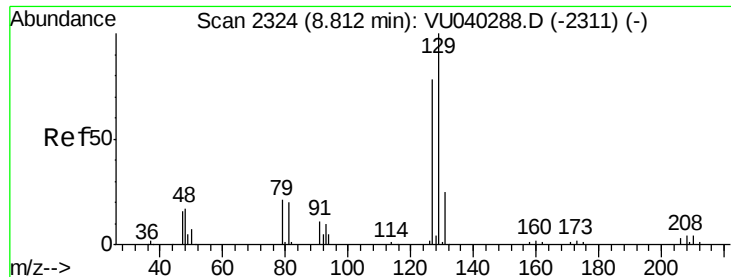
Time-->

8.50

8.55

8.60





#49

Dibromochloromethane

Concen: 0.516 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU040291.D

Acq: 25 Sep 2020 11:45

Instrument :

MSVOA_U

ClientSampleId :

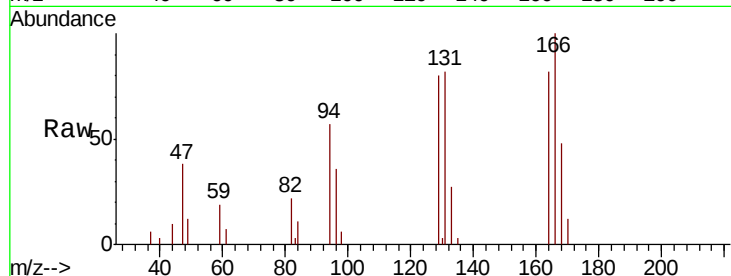
BG3W4

Tot Ion:129 Resp: 5456

Ion Ratio Lower Upper

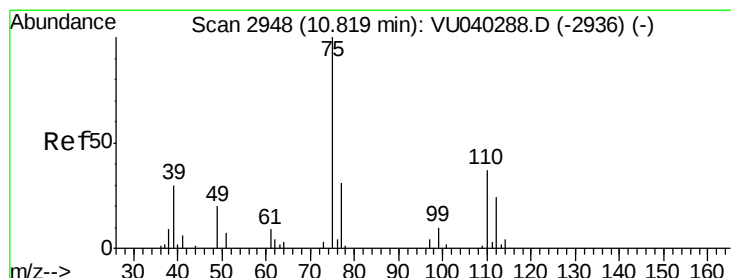
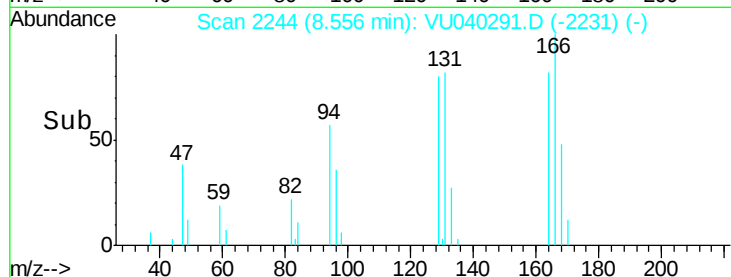
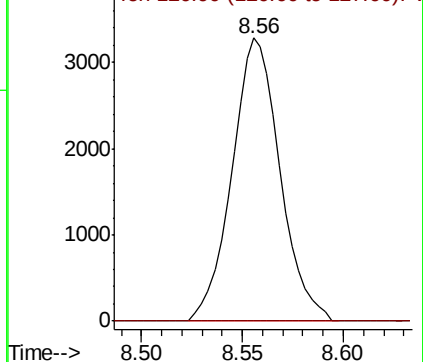
129 100

127 0.0 53.7 99.7#



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: 0.890 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040291.D

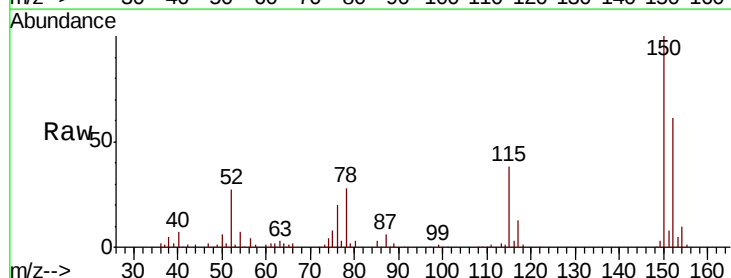
Acq: 25 Sep 2020 11:45

Tgt Ion: 75 Resp: 7967

Ion Ratio Lower Upper

75 100

77 38.7 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

