

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040292.D
 Acq On : 25 Sep 2020 12:09
 Operator : SY/MD
 Sample : L4109-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z2

Quant Time: Sep 26 04:50:58 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	126688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128162	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34860	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.92	69	32773	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.58	63	58061	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.66	46	166852	60.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.62%
24) Chloroform-d	5.08	84	77141	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	48677	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.75	84	146320	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	50310	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	118944	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	19358	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.64	63	114282	53.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42771	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48854	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

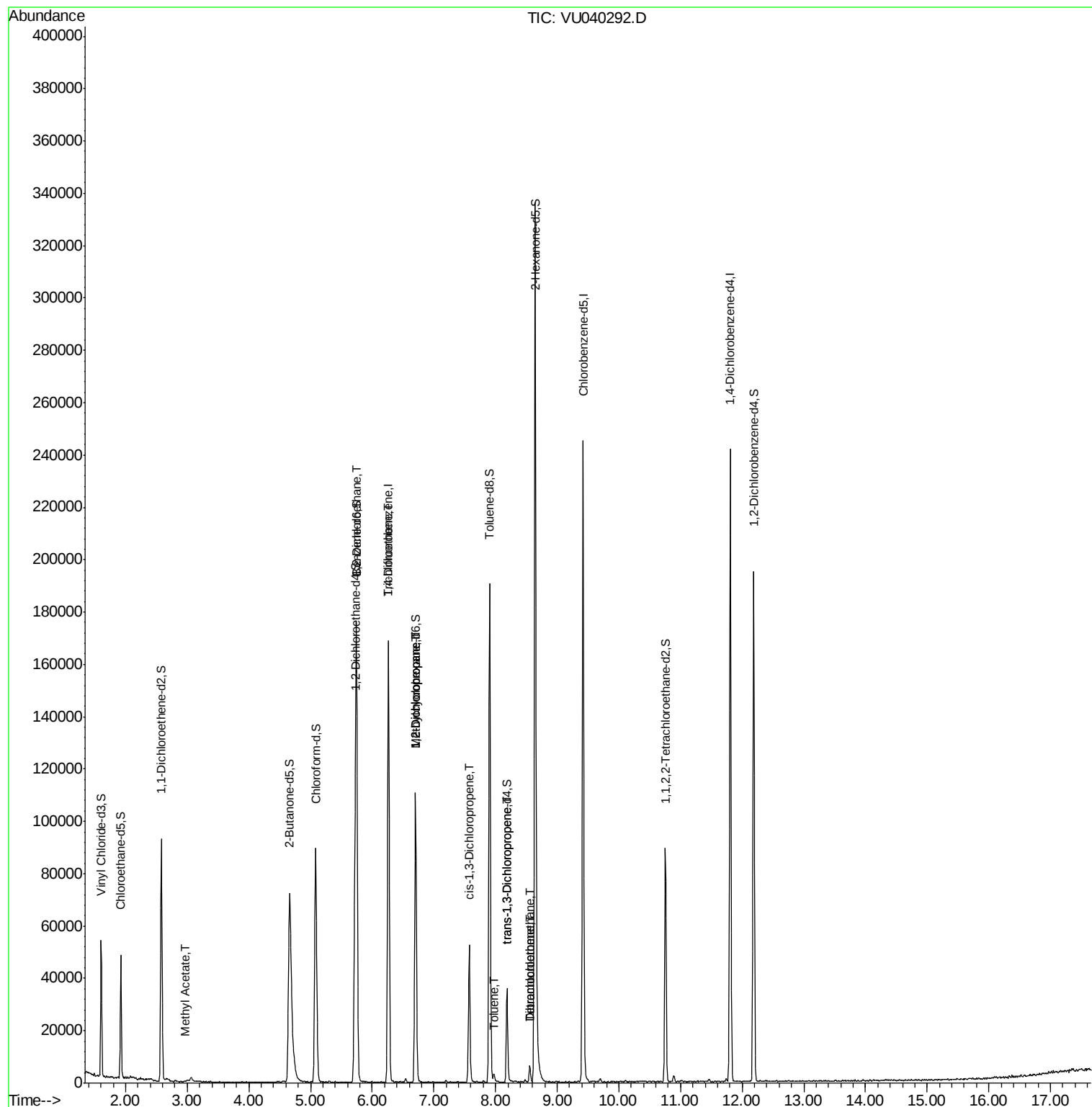
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	2.97	43	669	0.104	ug/L #	54
27) 1,2-Dichloroethane	5.74	62	987	0.061	ug/L #	78
34) Trichloroethene	6.26	95	2266	0.184	ug/L #	9
35) Methylcyclohexane	6.70	83	11556	0.614	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6352	0.512	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1561	0.085	ug/L	95
42) Toluene	7.97	91	2105	0.045	ug/L	84
44) trans-1,3-Dichloropropene	8.18	75	834	0.049	ug/L	94
47) Tetrachloroethene	8.56	164	1377	0.170	ug/L	82
49) Dibromochloromethane	8.55	129	1407	0.130	ug/L #	11

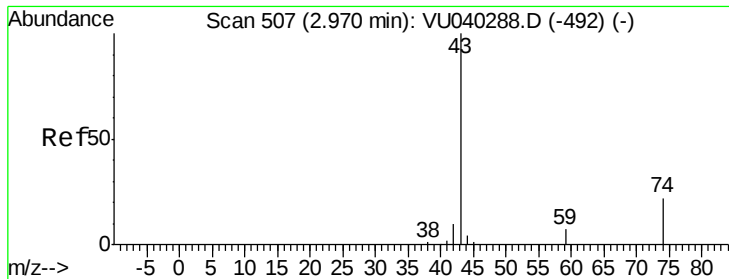
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092620\
Data File : VU040292.D
Acq On : 25 Sep 2020 12:09
Operator : SY/MD
Sample : L4109-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3Z2

Quant Time: Sep 26 04:50:58 2020
Quant Method : Z:\V0ASRV\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

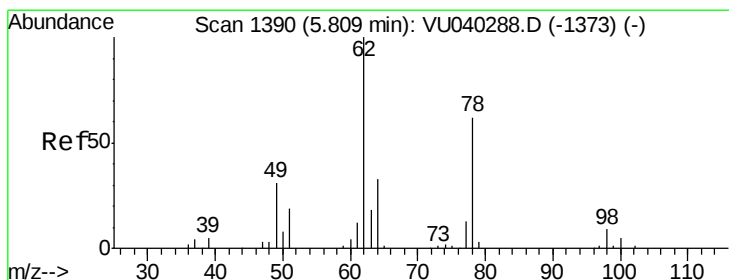
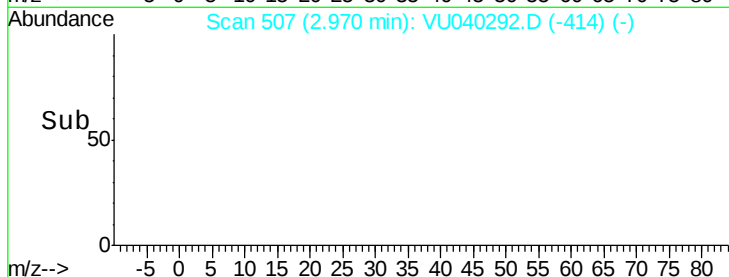
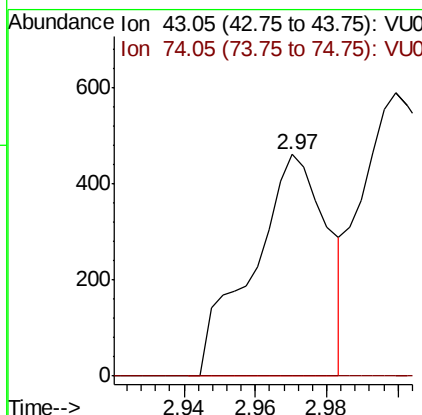
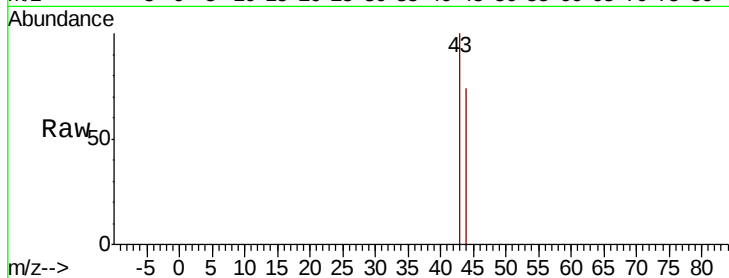




#15
Methvl Acetate
Concen: 0.104 ug/L
RT: 2.97 min Scan# 507
Delta R.T. 0.00 min
Lab File: VU040292.D
Acq: 25 Sep 2020 12:09

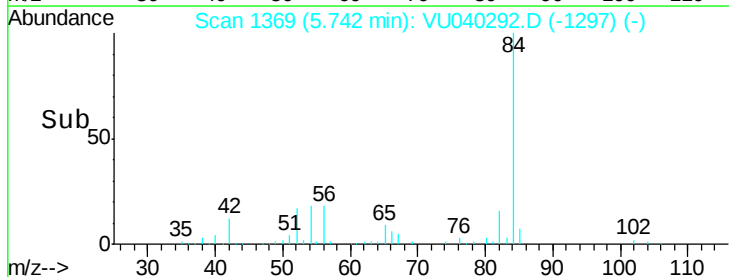
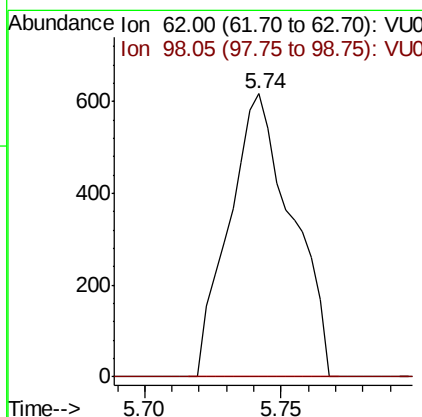
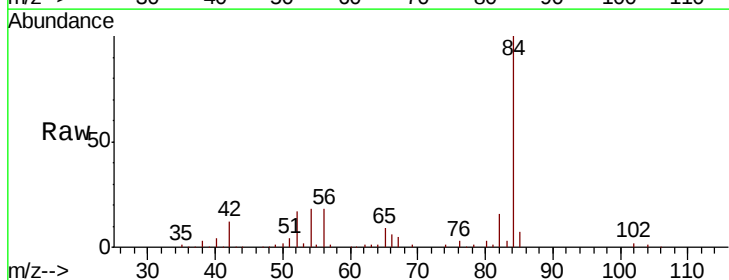
Instrument :
MSVOA_U
ClientSampleId :
BG3Z2

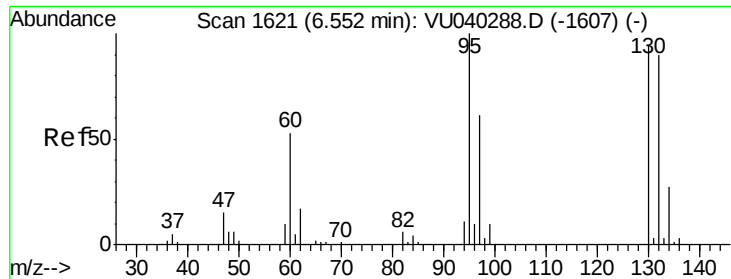
Tot Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040292.D
Acq: 25 Sep 2020 12:09

Tgt Ion: 62 Resp: 987
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

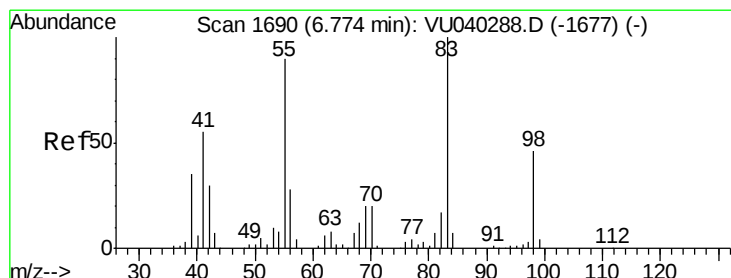
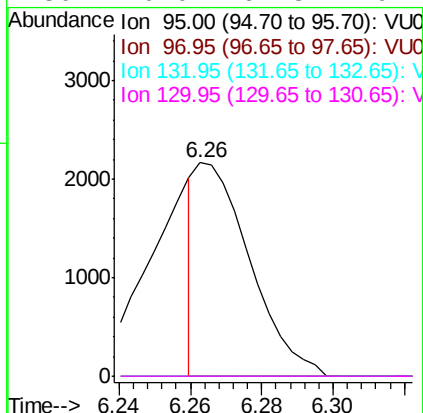
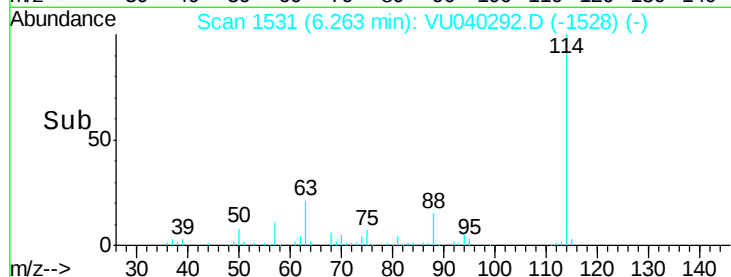
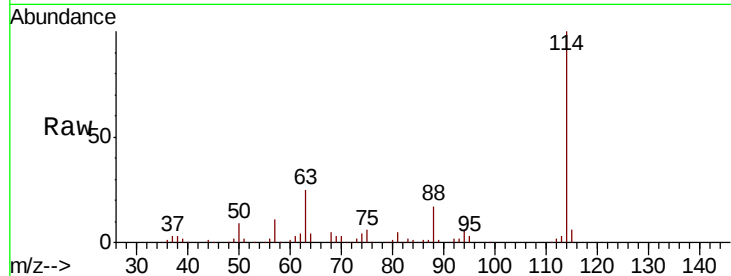




#34
 Trichloroethene
 Concen: 0.184 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU040292.D
 Acq: 25 Sep 2020 12:09

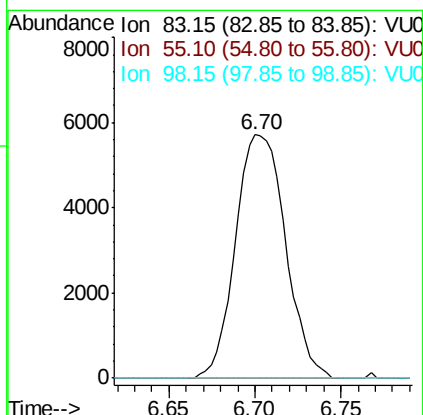
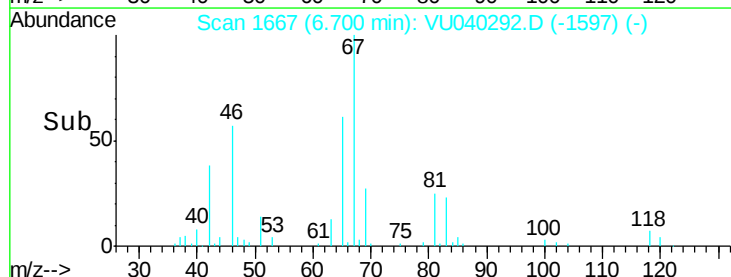
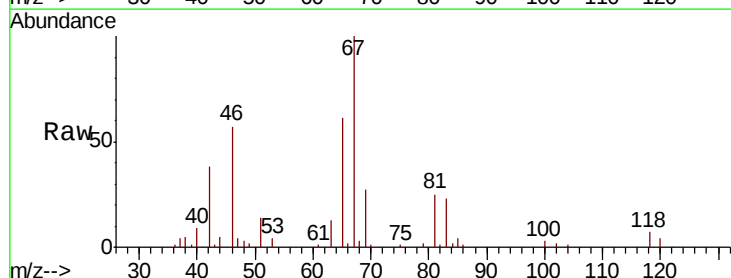
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Z2

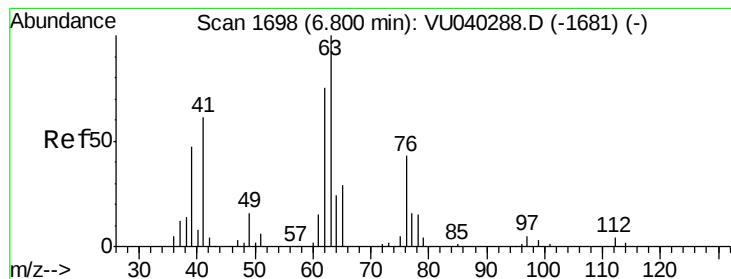
Tot Ion: 95 Resp: 2266
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.614 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU040292.D
 Acq: 25 Sep 2020 12:09

Tgt Ion: 83 Resp: 11556
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 2.1 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040292.D

Acq: 25 Sep 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

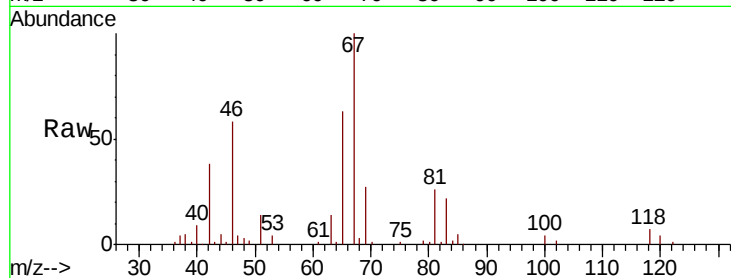
BG3Z2

Tot Ion: 63 Resp: 6352

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040288.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU040288.D (-1681) (-)

6.70

4000

3000

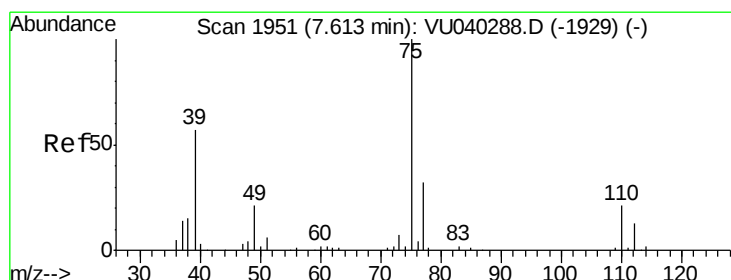
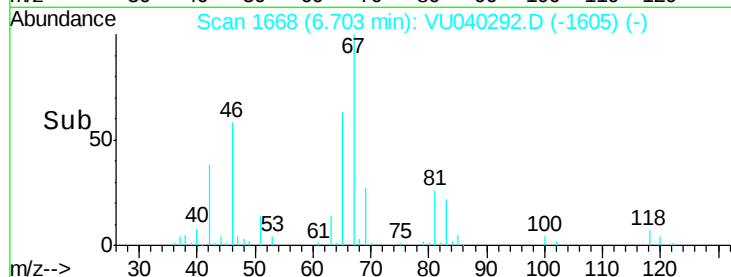
2000

1000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.03 min

Lab File: VU040292.D

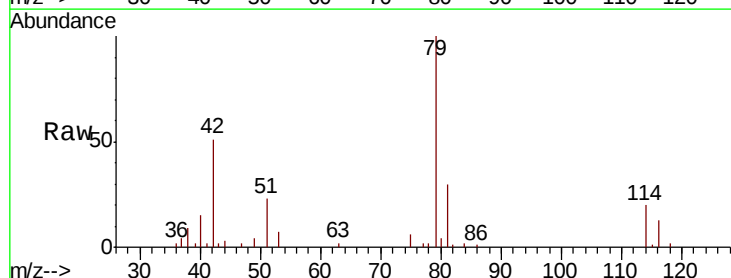
Acq: 25 Sep 2020 12:09

Tgt Ion: 75 Resp: 1561

Ion Ratio Lower Upper

75 100

77 32.7 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VU040288.D (-1929) (-)

Ion 77.05 (76.75 to 77.75): VU040288.D (-1929) (-)

7.58

1000

800

600

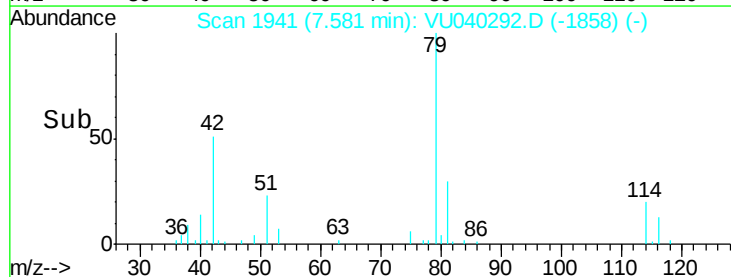
400

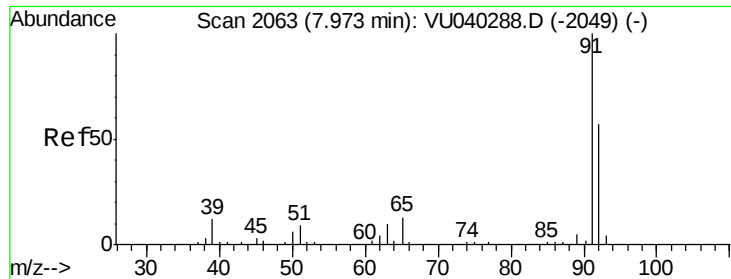
200

0

7.55 7.58 7.60

Time-->





#42

Toluene

Concen: 0.045 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU040292.D

Acq: 25 Sep 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

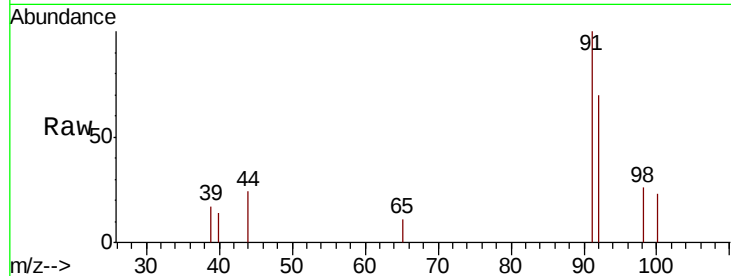
BG3Z2

Tot Ion: 91 Resp: 2105

Ion Ratio Lower Upper

91 100

92 70.0 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

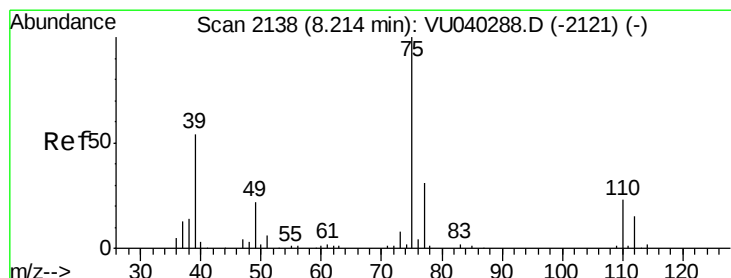
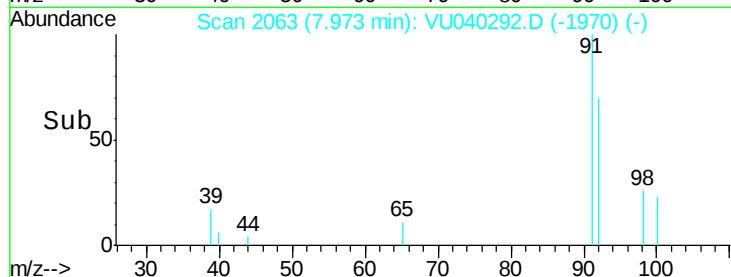
500

0

Time-->

7.95

8.00



#44

trans-1,3-Dichloropropene

Concen: 0.049 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU040292.D

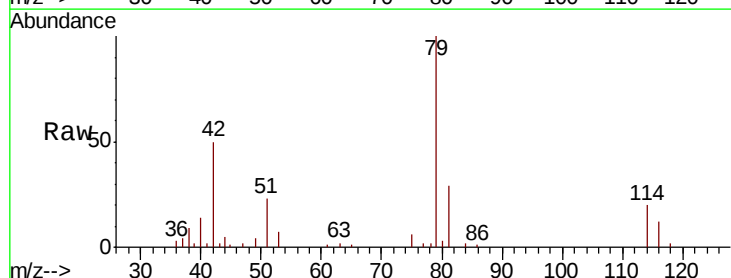
Acq: 25 Sep 2020 12:09

Tgt Ion: 75 Resp: 834

Ion Ratio Lower Upper

75 100

77 37.7 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU040288.D (-2121) (-)

Ion 77.05 (76.75 to 77.75): VU040288.D (-2121) (-)

8.18

600

500

400

300

200

100

0

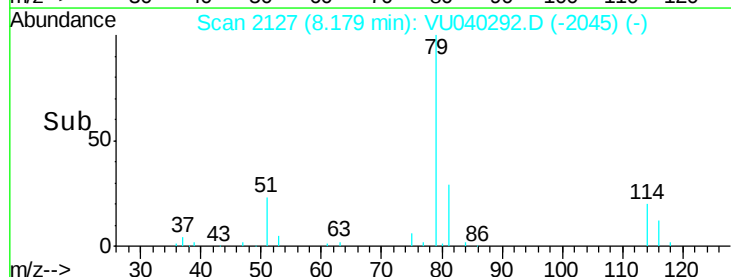
Time-->

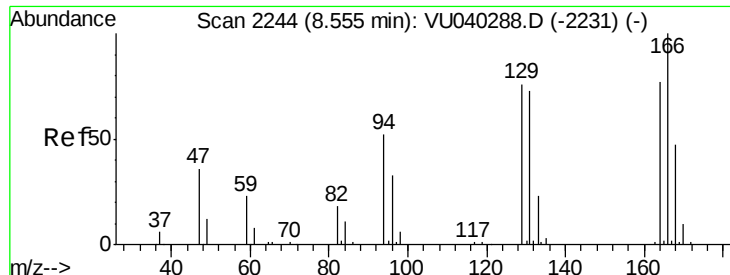
8.16

8.18

8.20

8.22





#47

Tetrachloroethene

Concen: 0.170 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040292.D

Acq: 25 Sep 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

BG3Z2

Tot Ion:164 Resp: 1377

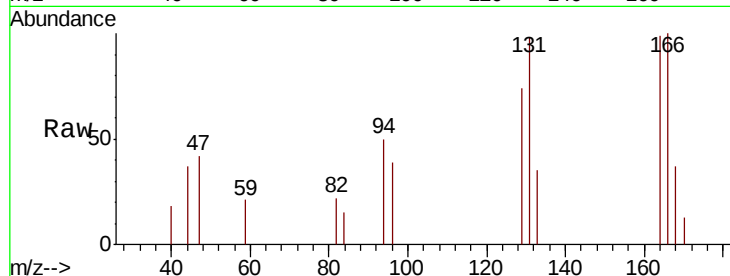
Ion Ratio Lower Upper

164 100

129 74.3 71.5 132.7

131 98.8 65.9 122.5

166 100.8 87.3 162.1

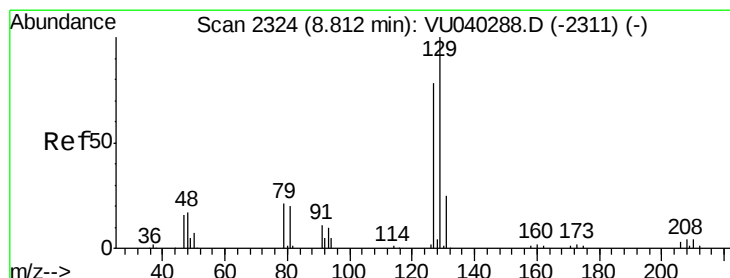
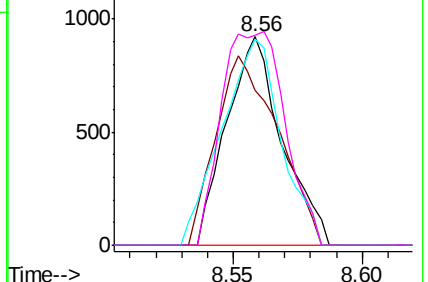
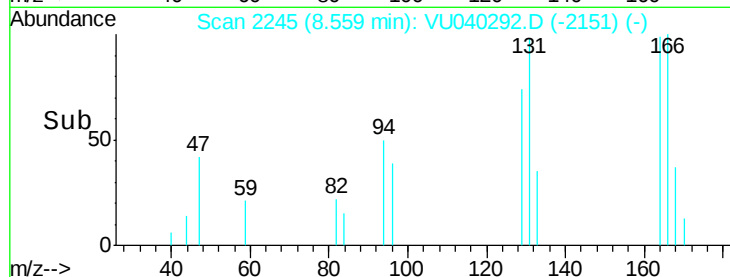


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.130 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.26 min

Lab File: VU040292.D

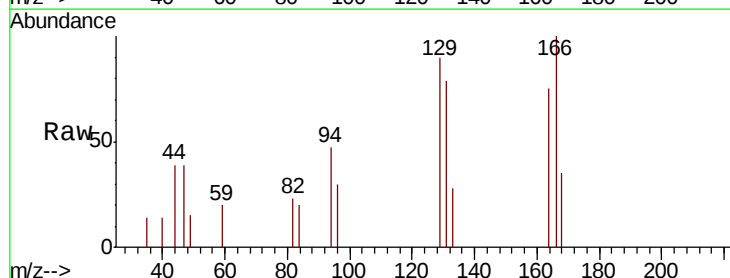
Acq: 25 Sep 2020 12:09

Tgt Ion:129 Resp: 1407

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

