

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040872.D
 Acq On : 21 Oct 2020 14:43
 Operator : SY/MD
 Sample : VU1021WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK06

Quant Time: Oct 22 00:50:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	242849	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	247810	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	111796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84794	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.92	69	74146	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	129489	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.65	46	369073	62.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.86%
24) Chloroform-d	5.08	84	178320	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	110970	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.74	84	323162	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	112541	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	259186	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	44189	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.64	63	278038	62.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	102405	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	105799	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

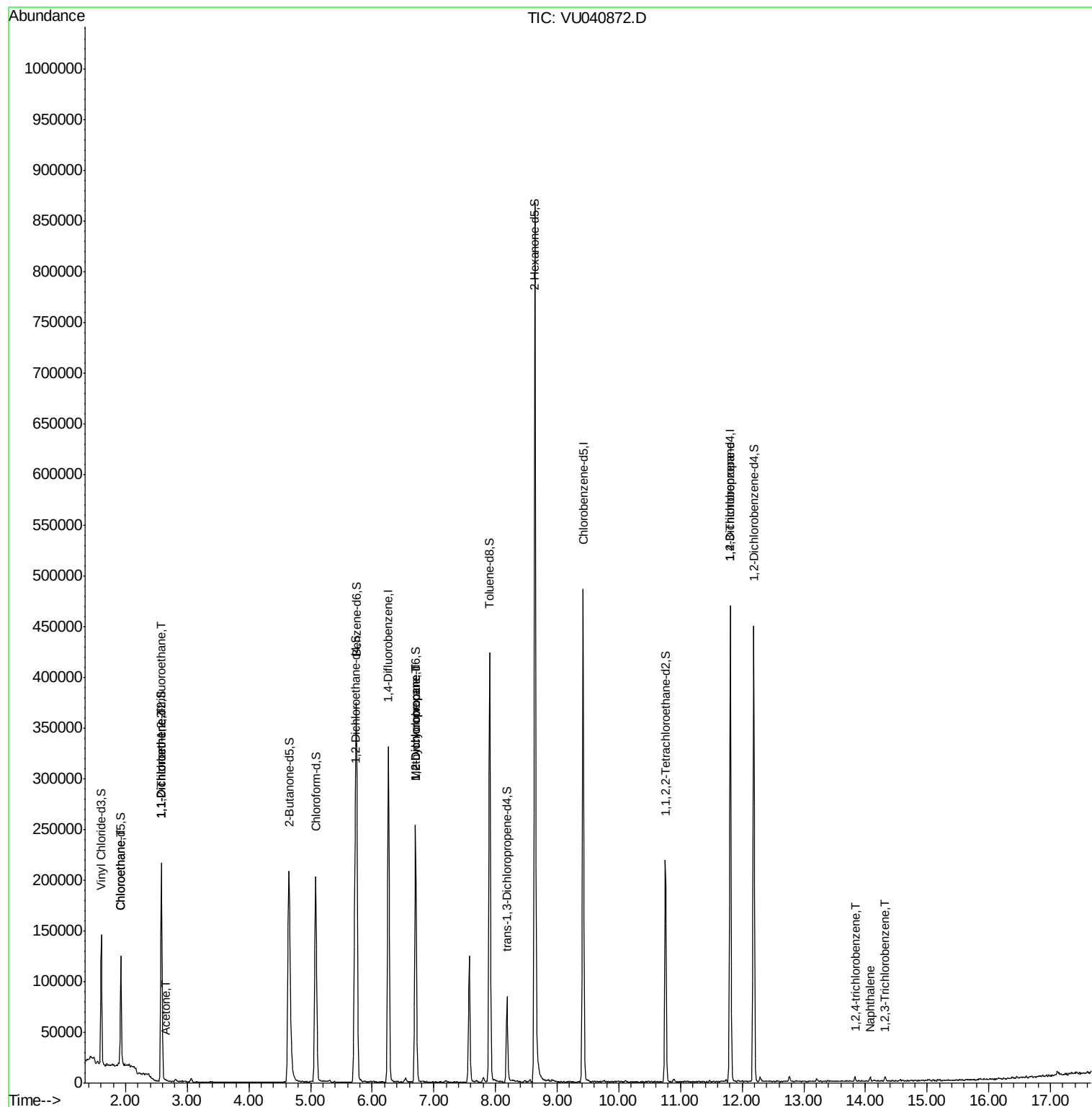
					Ovalue
8) Chloroethane	1.93	64	519	0.032 ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	1264	0.066 ug/L #	21
12) 1,1-Dichloroethene	2.58	96	1430	0.080 ug/L #	1
13) Acetone	2.66	43	2730	0.657 ug/L	57
35) Methylcyclohexane	6.70	83	25759	0.849 ug/L #	15
37) 1,2-Dichloropropane	6.71	63	12817	0.596 ug/L #	89
59) 1,2,3-Trichloropropane	11.81	75	15797	1.130 ug/L	89
68) 1,2,4-trichlorobenzene	13.83	180	1192	0.054 ug/L	87
69) Naphthalene	14.08	128	3098	0.077 ug/L #	81
70) 1,2,3-Trichlorobenzene	14.32	180	1658	0.078 ug/L #	75

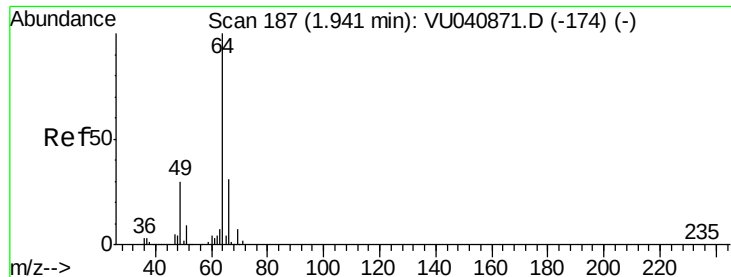
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.032 ug/L

RT: 1.93 min Scan# 183

Delta R.T. -0.01 min

Lab File: VU040872.D

Acq: 21 Oct 2020 14:43

Instrument :

MSVOA_U

ClientSampleId :

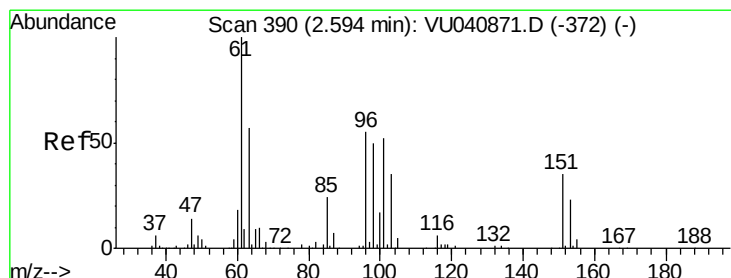
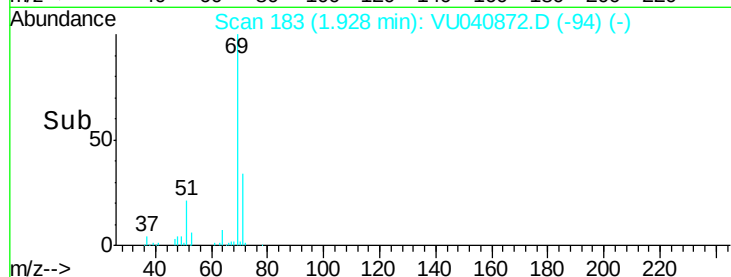
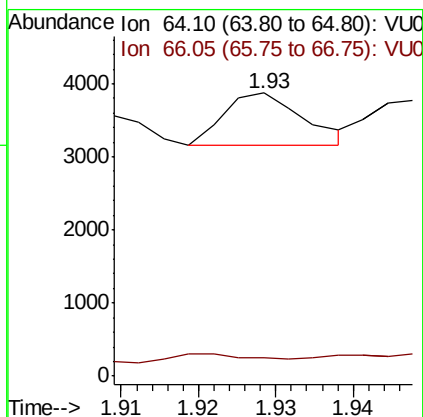
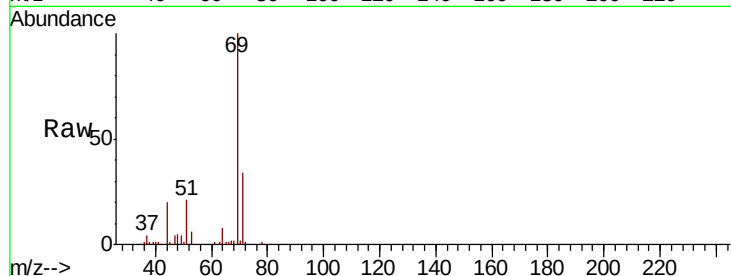
VBLK06

Tot Ion: 64 Resp: 519

Ion Ratio Lower Upper

64 100

66 6.4 21.2 39.4#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.066 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040872.D

Acq: 21 Oct 2020 14:43

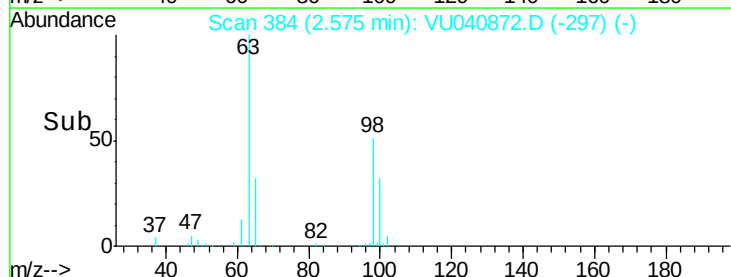
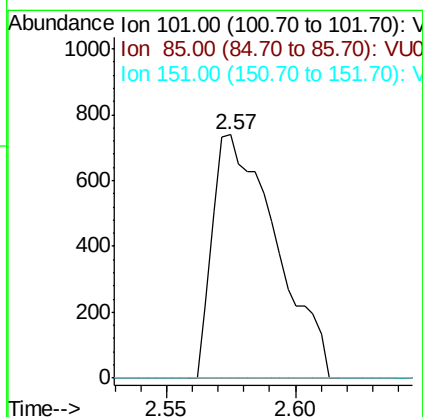
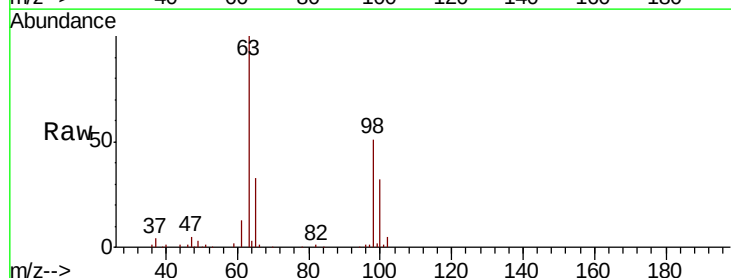
Tgt Ion: 101 Resp: 1264

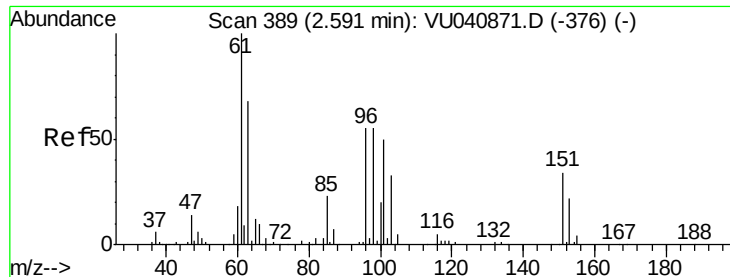
Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 0.0 56.3 84.5#

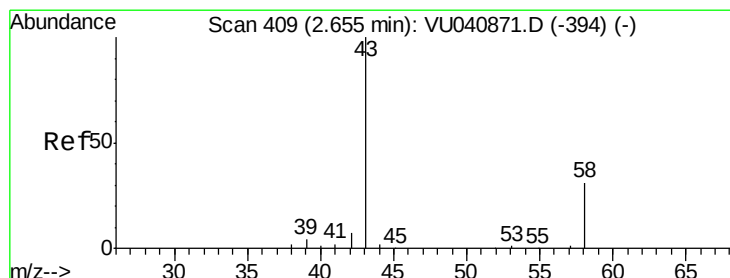
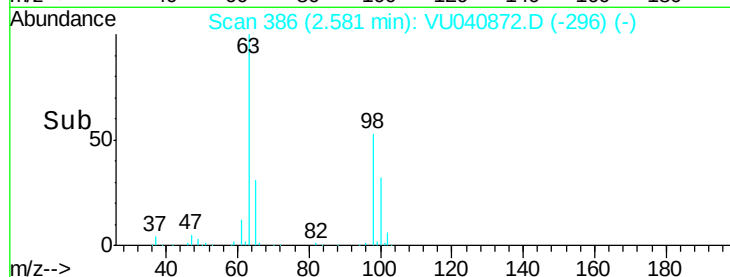
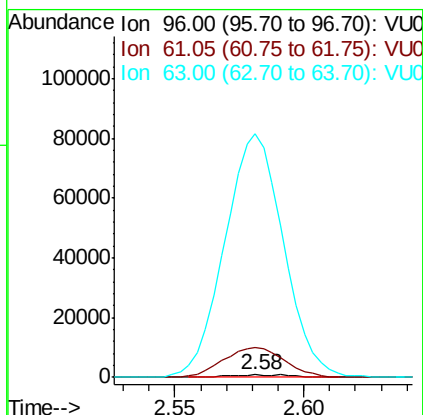
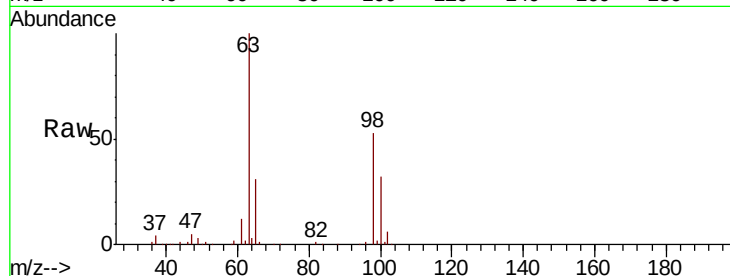




#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU040872.D
 Acq: 21 Oct 2020 14:43

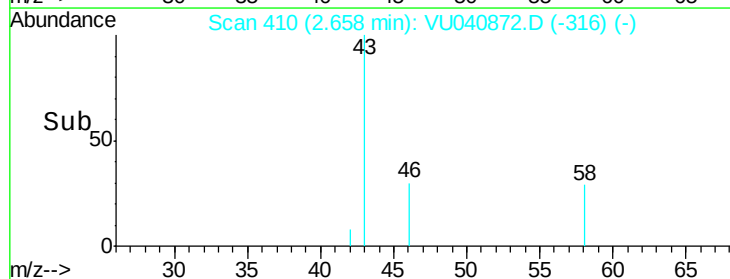
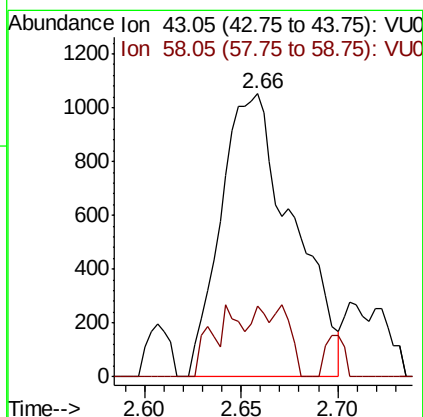
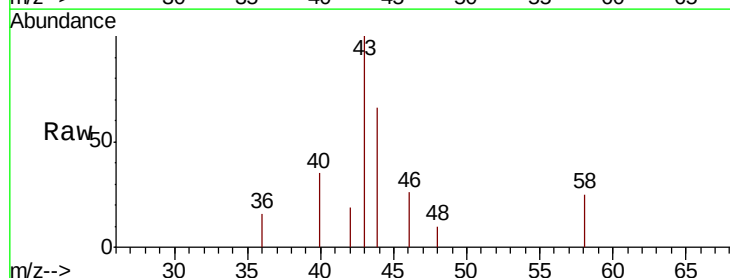
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK06

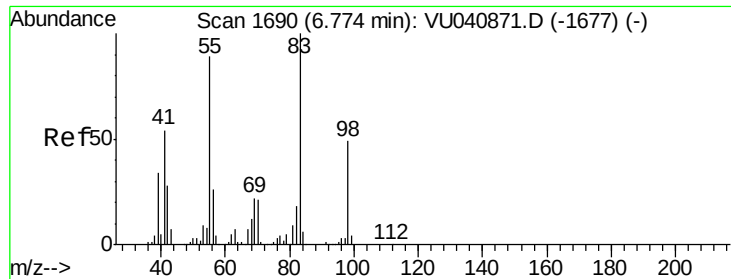
Tot Ion: 96 Resp: 1430
 Ion Ratio Lower Upper
 96 100
 61 1247.3 130.9 243.1#
 63 10202.8 85.4 158.6#



#13
 Acetone
 Concen: 0.657 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU040872.D
 Acq: 21 Oct 2020 14:43

Tgt Ion: 43 Resp: 2730
 Ion Ratio Lower Upper
 43 100
 58 6.3 0.0 58.6

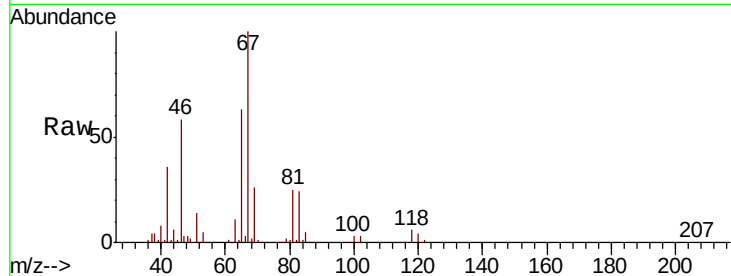




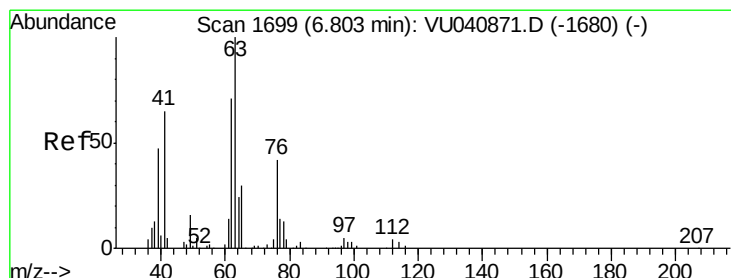
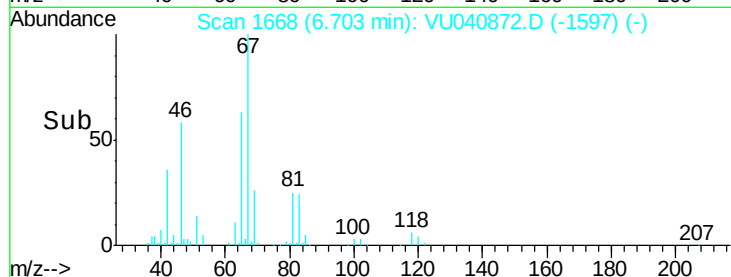
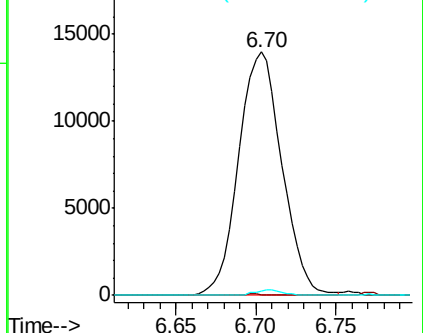
#35
Methylvlcyclohexane
Concen: 0.849 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040872.D
Acq: 21 Oct 2020 14:43

Instrument :
MSVOA_U
ClientSampleId :
VBLK06

Tot Ion: 83 Resp: 25759
Ion Ratio Lower Upper
83 100
55 0.2 69.1 103.7#
98 1.4 37.8 56.6#

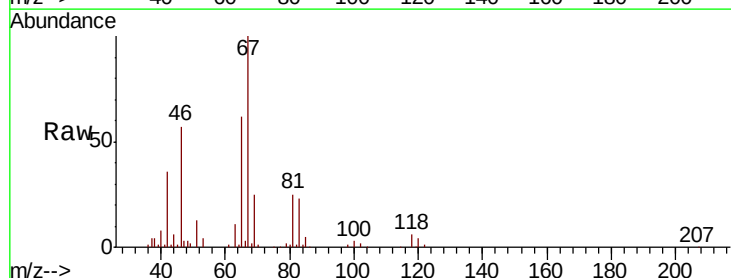


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

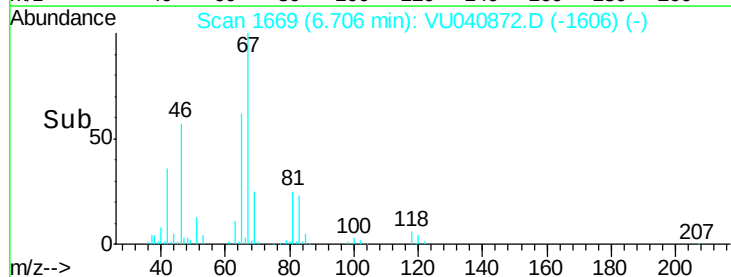
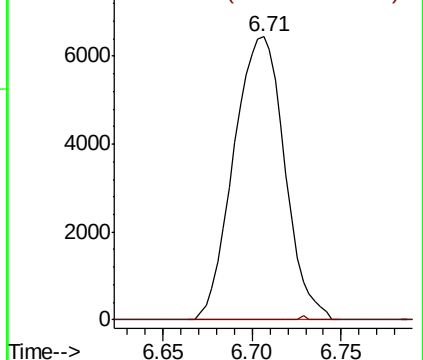


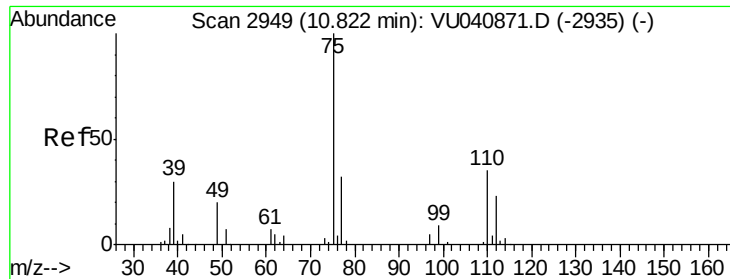
#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040872.D
Acq: 21 Oct 2020 14:43

Tgt Ion: 63 Resp: 12817
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 1.130 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040872.D

Acq: 21 Oct 2020 14:43

Instrument :

MSVOA_U

ClientSampleId :

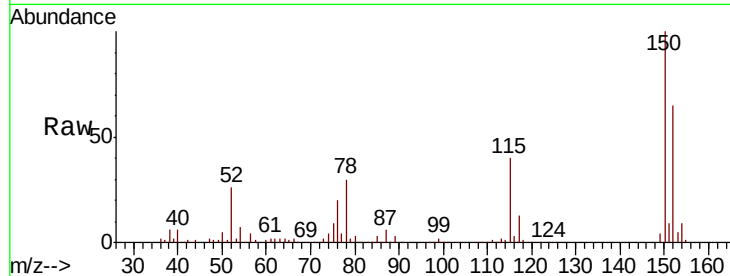
VBLK06

Tot Ion: 75 Resp: 15797

Ion Ratio Lower Upper

75 100

77 40.8 27.5 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU040872.D (-3255) (-)

Ion 77.00 (76.70 to 77.70): VU040872.D (-3255) (-)

11.81

10000

8000

6000

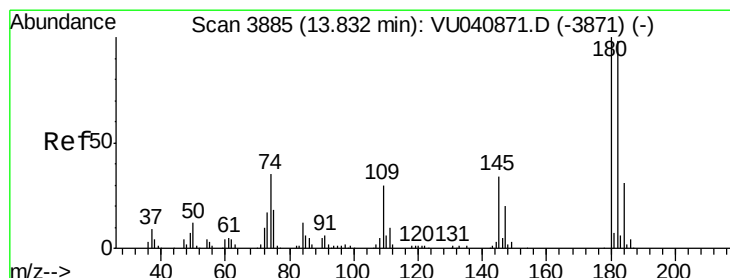
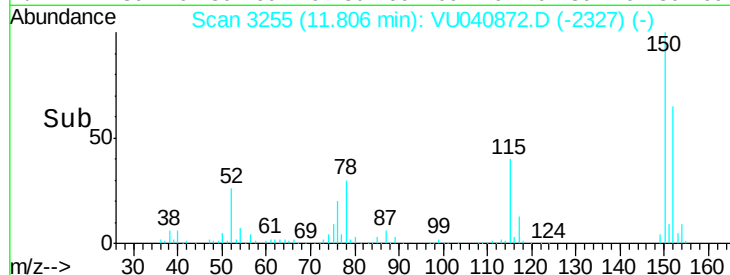
4000

2000

0

11.75 11.80 11.85

Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.054 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VU040872.D

Acq: 21 Oct 2020 14:43

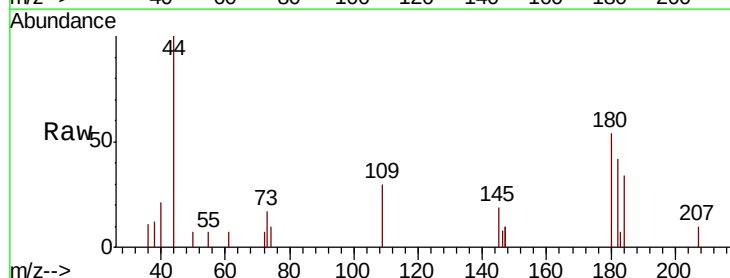
Tgt Ion: 180 Resp: 1192

Ion Ratio Lower Upper

180 100

182 109.1 76.4 114.6

145 38.7 26.2 39.2



Abundance Ion 179.90 (179.60 to 180.60): VU040872.D (-3885) (-)

Ion 182.00 (181.70 to 182.70): VU040872.D (-3885) (-)

Ion 144.95 (144.65 to 145.65): VU040872.D (-3885) (-)

13.83

1000

800

600

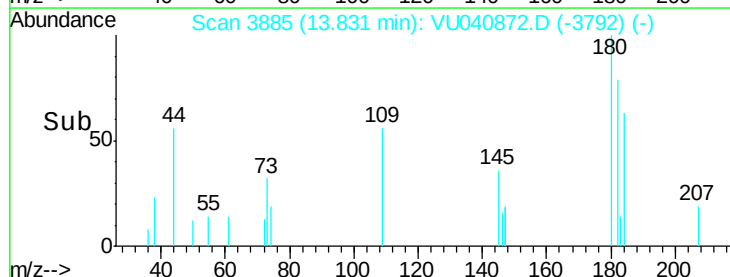
400

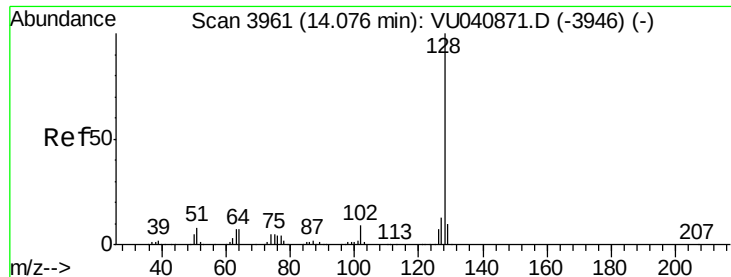
200

0

13.80 13.85

Time-->





#69

Naphthalene

Concen: 0.077 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040872.D

Acq: 21 Oct 2020 14:43

Instrument :

MSVOA_U

ClientSampled :

VBLK06

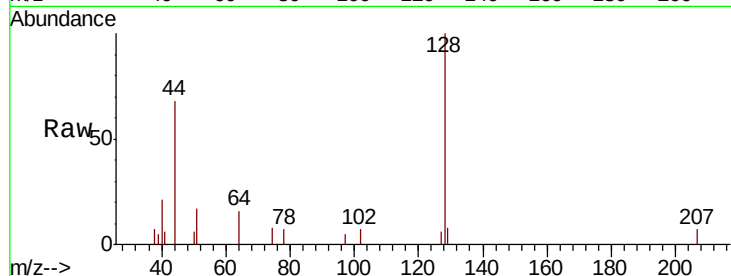
Tot Ion:128 Resp: 3098

Ion Ratio Lower Upper

128 100

129 7.9 8.9 13.3#

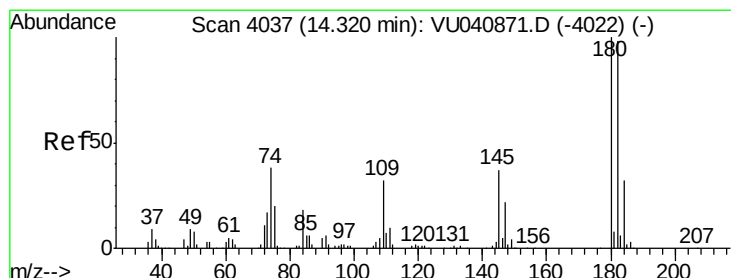
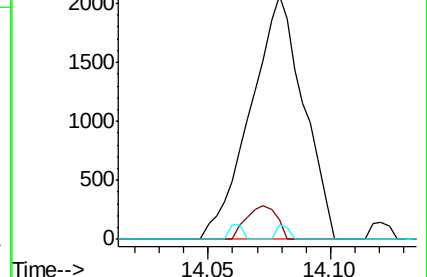
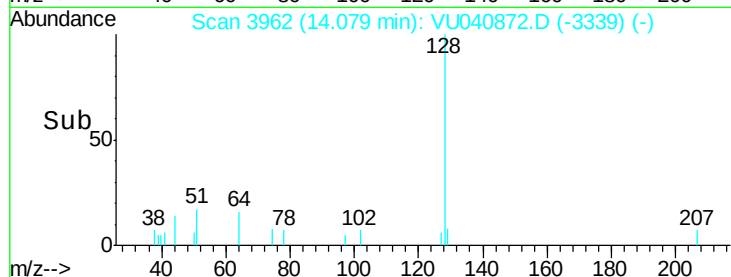
127 1.4 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.078 ug/L

RT: 14.32 min Scan# 4038

Delta R.T. 0.00 min

Lab File: VU040872.D

Acq: 21 Oct 2020 14:43

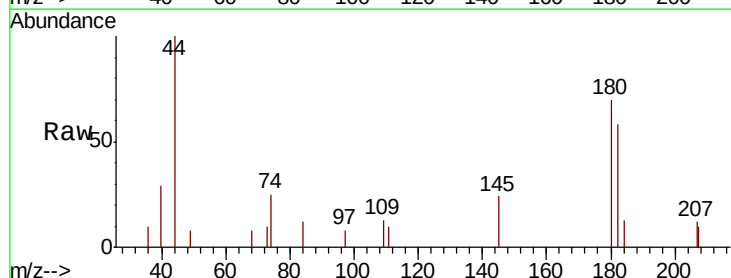
Tgt Ion:180 Resp: 1658

Ion Ratio Lower Upper

180 100

182 75.4 75.8 113.6#

145 13.0 28.2 42.2#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

