

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041599.D
 Acq On : 13 Dec 2020 04:18
 Operator : SY/MD
 Sample : BLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK04

Quant Time: Dec 13 12:41:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	410	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	534	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	4.67	46	227	24.65	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	49.30%
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	5.72	65	255	8.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	163.80%#
32) Benzene-d6	5.73	84	20	0.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	2.60%#
36) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.00%#
41) Toluene-d8	7.91	98	528	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.64	63	382	32.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	366	8.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	168.00%#
64) 1,2-Dichlorobenzene-d4	12.19	152	556	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

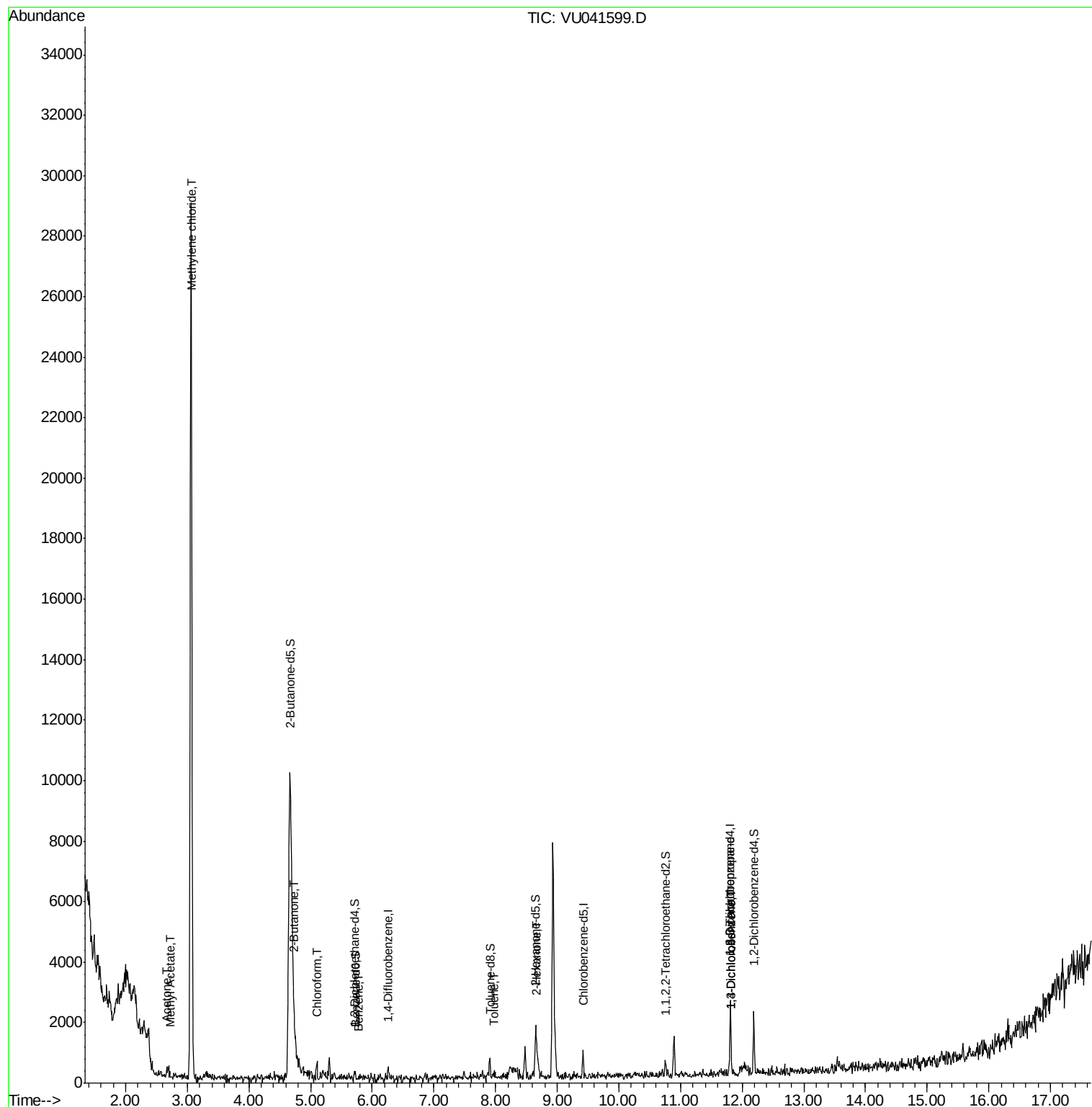
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	316	53.956	ug/L #	38
15) Methyl Acetate	2.72	43	25	1.642	ug/L #	51
16) Methylene chloride	3.06	84	14151	426.006	ug/L	95
21) 2-Butanone	4.74	43	43	4.508	ug/L #	45
25) Chloroform	5.10	83	74	1.367	ug/L #	1
33) Benzene	5.78	78	41	0.240	ug/L	100
42) Toluene	7.98	91	135	0.766	ug/L #	23
48) 2-Hexanone	8.67	43	87	3.846	ug/L #	39
59) 1,2,3-Trichloropropane	11.82	75	62	1.890	ug/L #	42
62) 1,3-Dichlorobenzene	11.83	146	43	0.199	ug/L #	24
63) 1,4-Dichlorobenzene	11.83	146	43	0.198	ug/L #	25

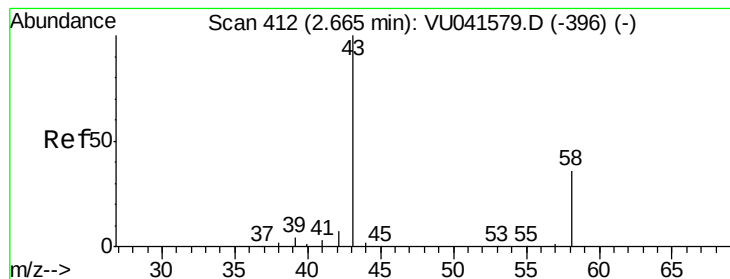
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 13 11:26:38 2020
Response via : Initial Calibration





#13

Acetone

Concen: 53.956 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU041599.D

Acq: 13 Dec 2020 04:18

Instrument :

MSVOA_U

ClientSampleId :

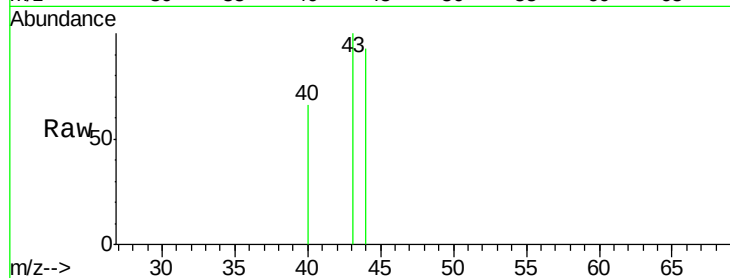
VBLK04

Tot Ion: 43 Resp: 316

Ion Ratio Lower Upper

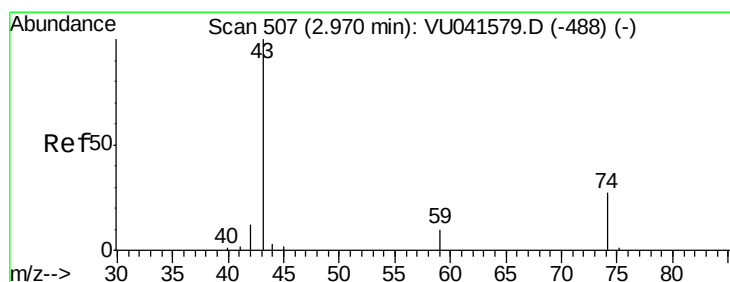
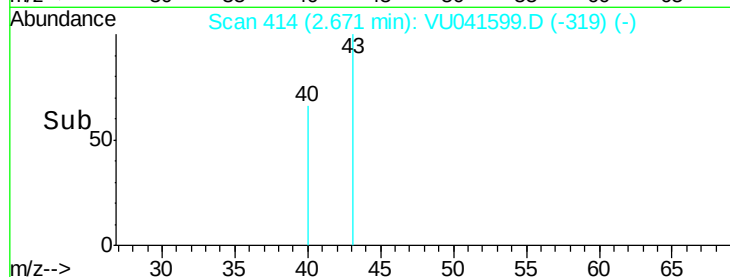
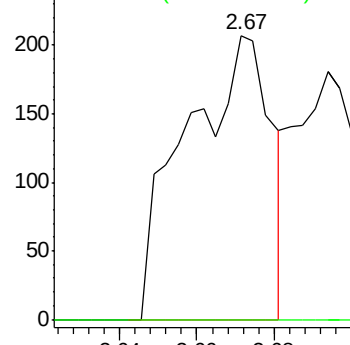
43 100

58 0.0 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 1.642 ug/L

RT: 2.72 min Scan# 429

Delta R.T. -0.25 min

Lab File: VU041599.D

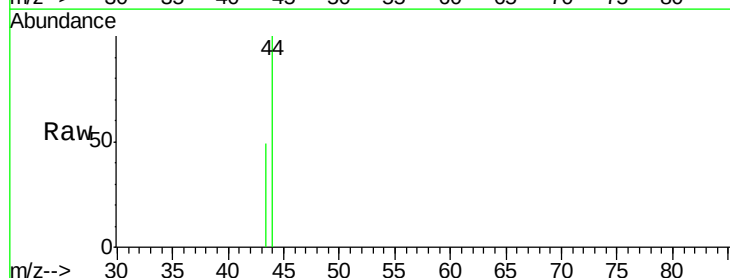
Acq: 13 Dec 2020 04:18

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

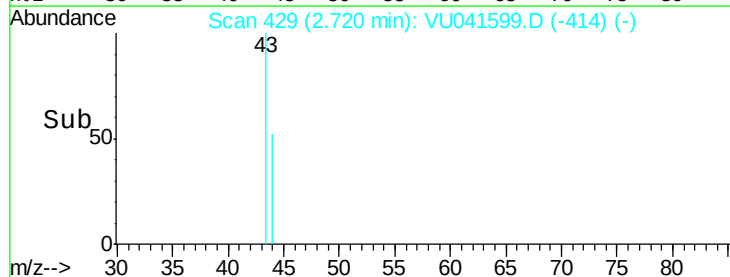
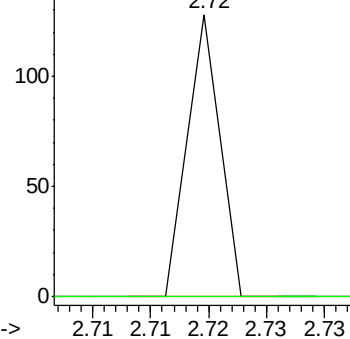
43 100

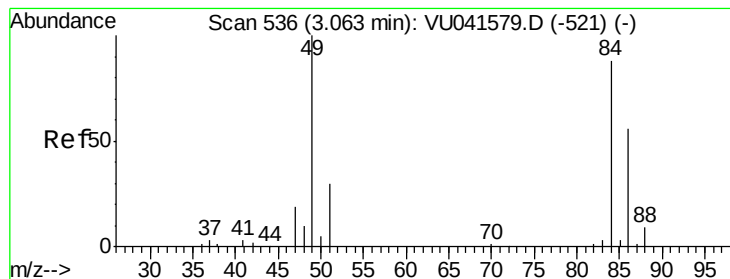
74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#16

Methvlene chloride

Concen: 426.006 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041599.D

Acq: 13 Dec 2020 04:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK04

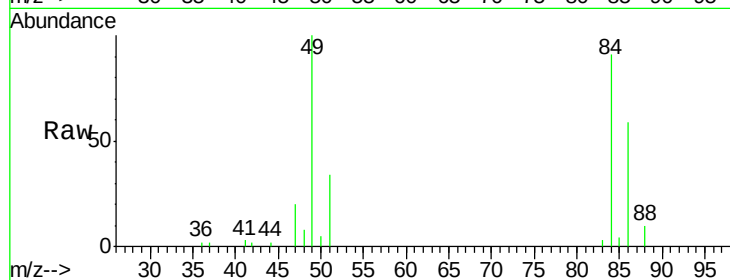
Tot Ion: 84 Resp: 14151

Ion Ratio Lower Upper

84 100

86 65.1 45.1 83.7

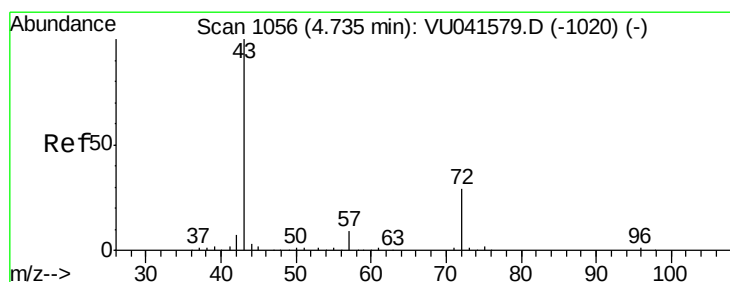
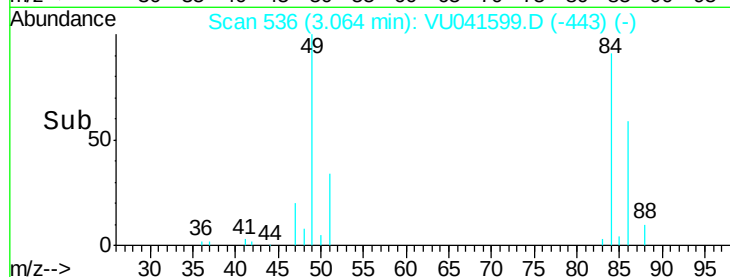
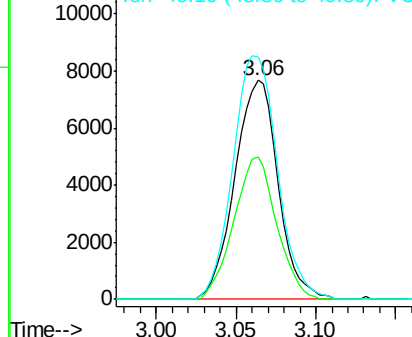
49 110.3 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#21

2-Butanone

Concen: 4.508 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU041599.D

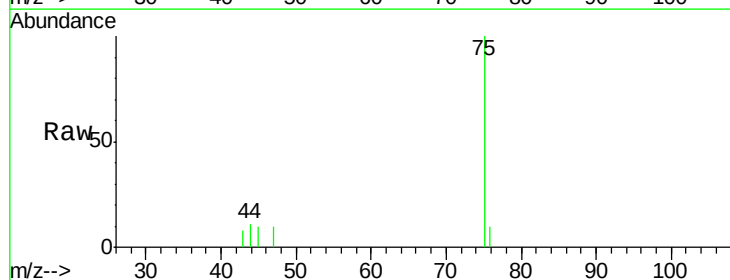
Acq: 13 Dec 2020 04:18

Tgt Ion: 43 Resp: 43

Ion Ratio Lower Upper

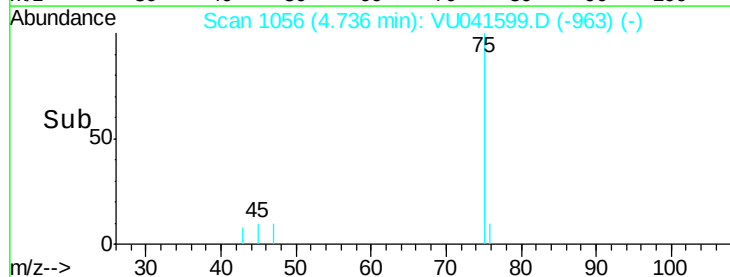
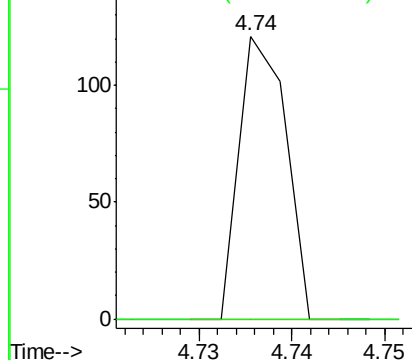
43 100

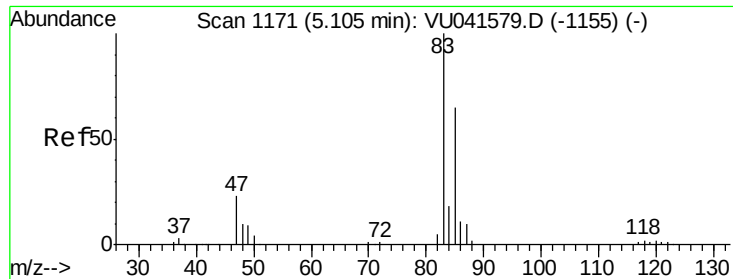
72 0.0 14.6 44.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

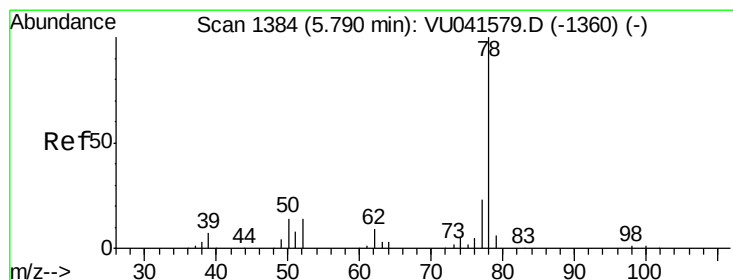
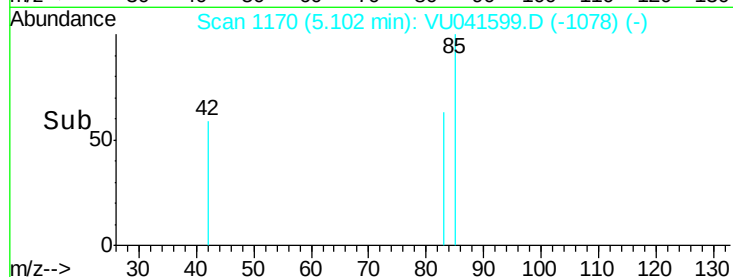
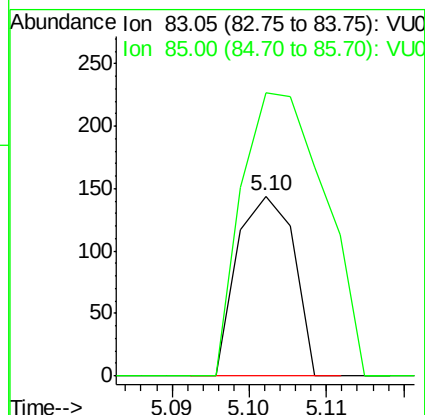
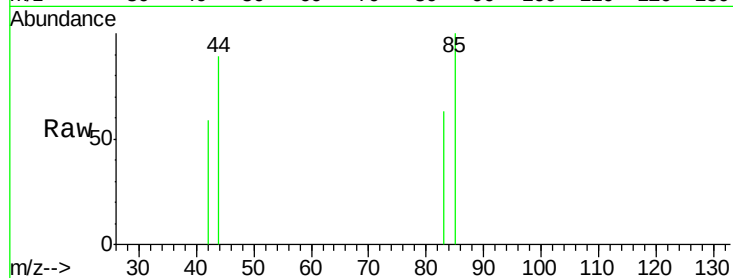




#25
Chloroform
Concen: 1.367 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041599.D
Acq: 13 Dec 2020 04:18

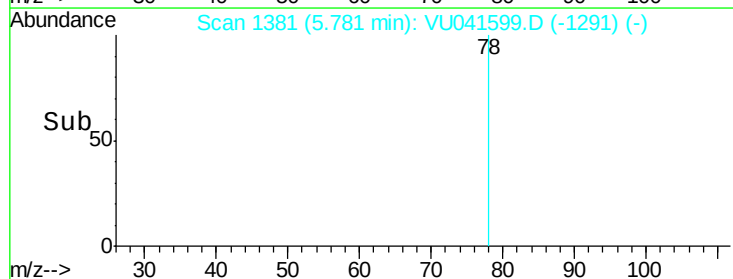
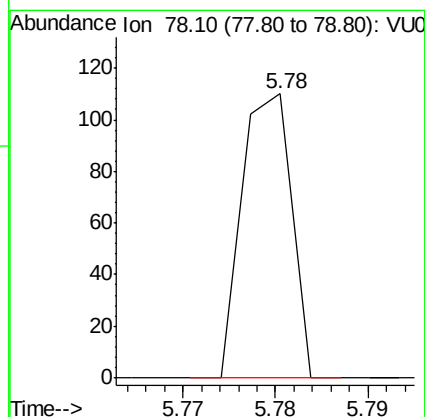
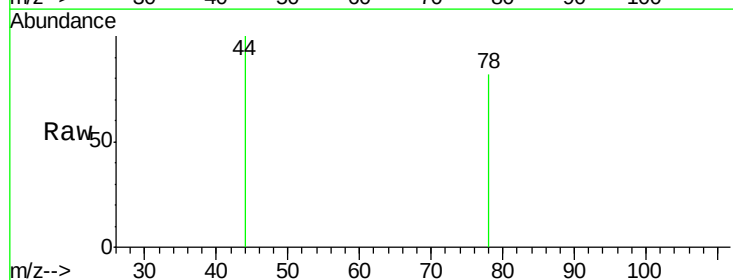
Instrument :
MSVOA_U
ClientSampled :
VBLK04

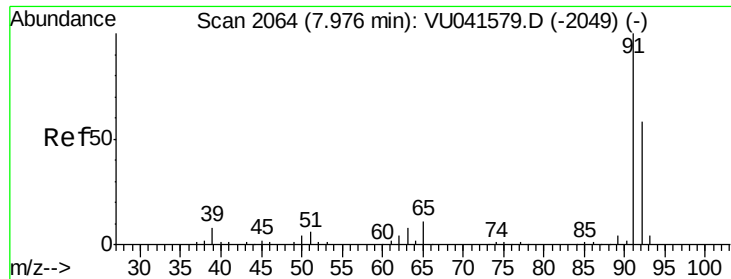
Tot Ion: 83 Resp: 74
Ion Ratio Lower Upper
83 100
85 157.6 44.2 82.0#



#33
Benzene
Concen: 0.240 ug/L
RT: 5.78 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VU041599.D
Acq: 13 Dec 2020 04:18

Tgt Ion: 78 Resp: 41





#42

Toluene

Concen: 0.766 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU041599.D

Acq: 13 Dec 2020 04:18

Instrument :

MSVOA_U

ClientSampleId :

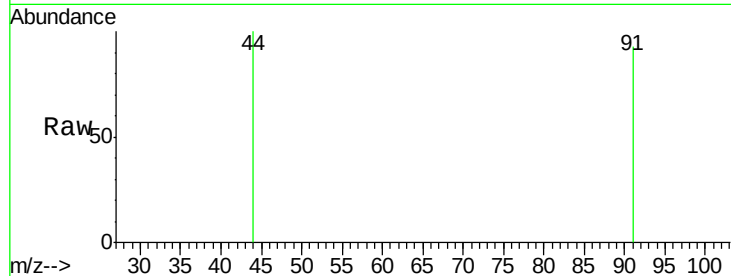
VBLK04

Tot Ion: 91 Resp: 135

Ion Ratio Lower Upper

91 100

92 0.0 40.0 74.2#



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

200

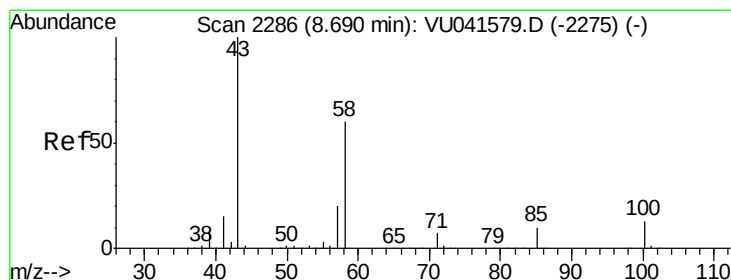
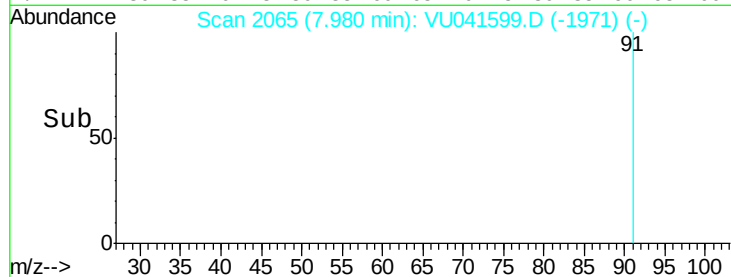
150

100

50

0

Time-->



#48

2-Hexanone

Concen: 3.846 ug/L

RT: 8.67 min Scan# 2281

Delta R.T. -0.02 min

Lab File: VU041599.D

Acq: 13 Dec 2020 04:18

Tgt Ion: 43 Resp: 87

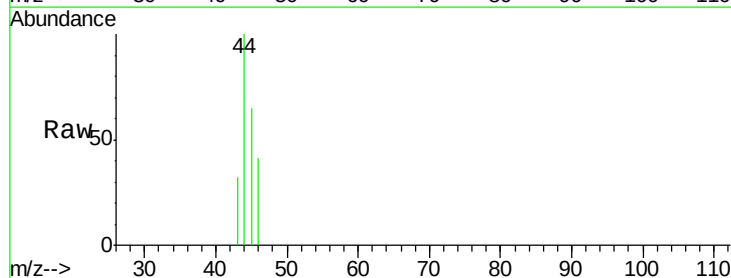
Ion Ratio Lower Upper

43 100

58 114.9 47.9 71.9#

57 0.0 16.5 24.7#

100 0.0 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

250

200

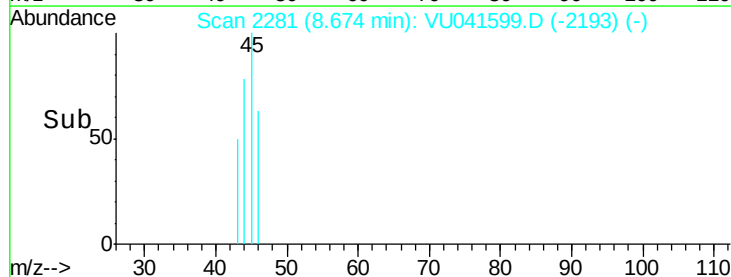
150

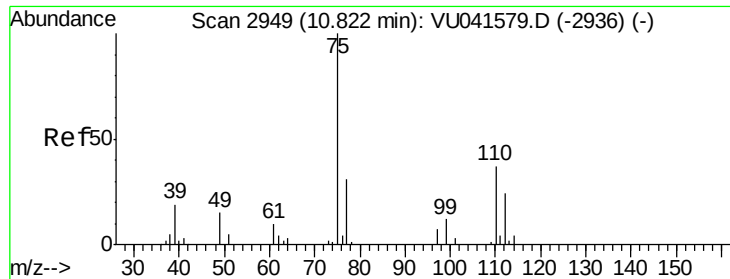
100

50

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.890 ug/L

RT: 11.82 min Scan# 3258

Delta R.T. 0.99 min

Lab File: VU041599.D

Acq: 13 Dec 2020 04:18

Instrument :

MSVOA_U

ClientSampleId :

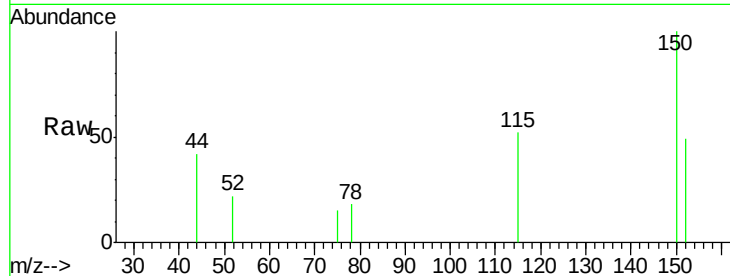
VBLK04

Tot Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU041579.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU041579.D (-2936) (-)

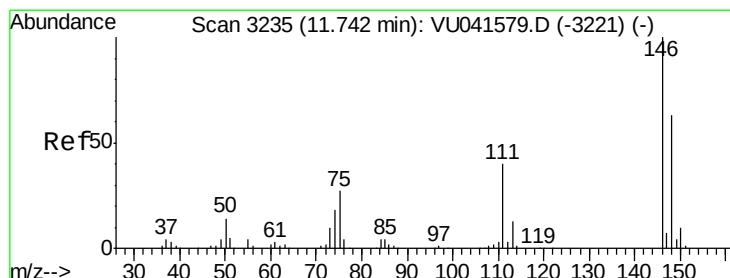
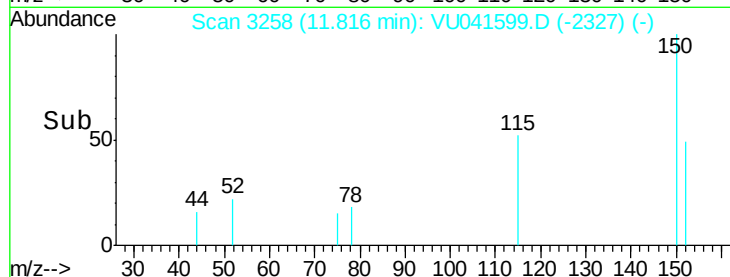
11.82

100

50

0

Time-->



#62

1,3-Dichlorobenzene

Concen: 0.199 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.09 min

Lab File: VU041599.D

Acq: 13 Dec 2020 04:18

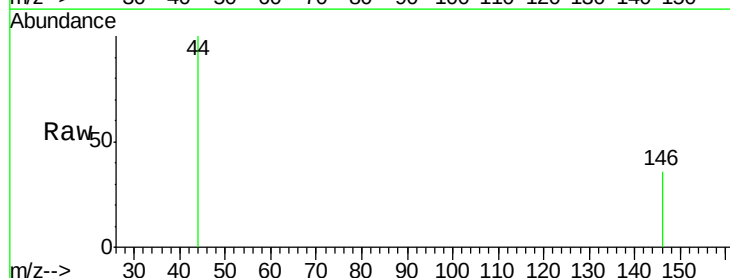
Tgt Ion: 146 Resp: 43

Ion Ratio Lower Upper

146 100

111 0.0 30.0 55.8#

148 0.0 44.9 83.3#



Abundance Ion 145.95 (145.65 to 146.65): VU041579.D (-3221) (-)

Ion 111.00 (110.70 to 111.70): VU041579.D (-3221) (-)

Ion 148.00 (147.70 to 148.70): VU041579.D (-3221) (-)

11.83

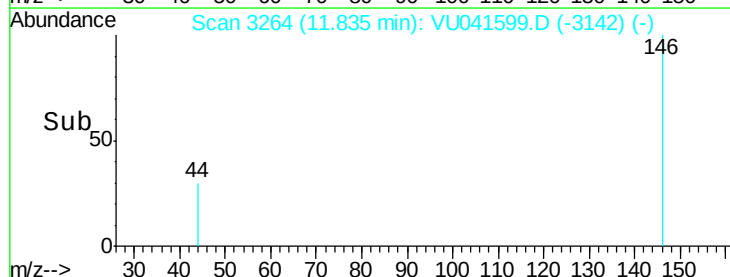
150

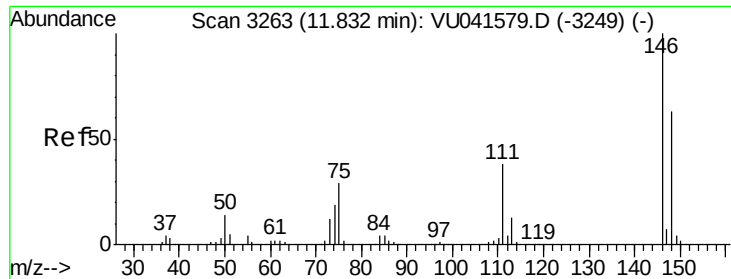
100

50

0

Time-->





#63

1,4-Dichlorobenzene

Concen: 0.198 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.00 min

Lab File: VU041599.D

Acq: 13 Dec 2020 04:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK04

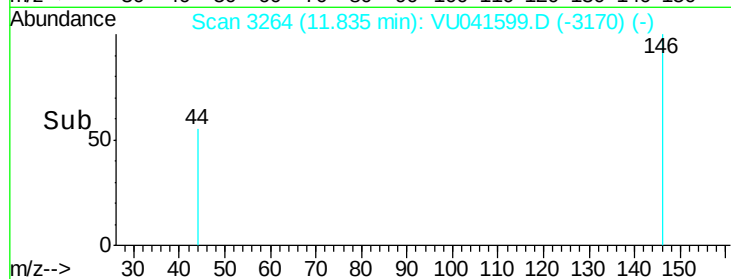
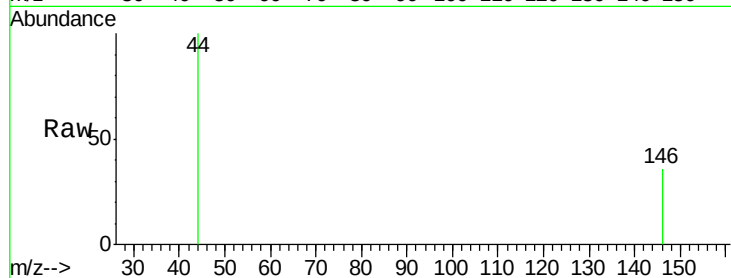
Tot Ion:146 Resp: 43

Ion Ratio Lower Upper

146 100

111 0.0 27.9 51.9#

148 0.0 45.0 83.6#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

