

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041466.D
 Acq On : 04 Dec 2020 13:21
 Operator : SY/MD
 Sample : VU1204WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK04

Quant Time: Dec 05 05:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26929	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13250	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.92	69	12340	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	24188	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.65	46	56347	55.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	5.08	84	37656	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	27312	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.74	84	59515	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	18078	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.90	98	56884	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.18	79	10343	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.64	63	41795	48.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	18490	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	25486	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

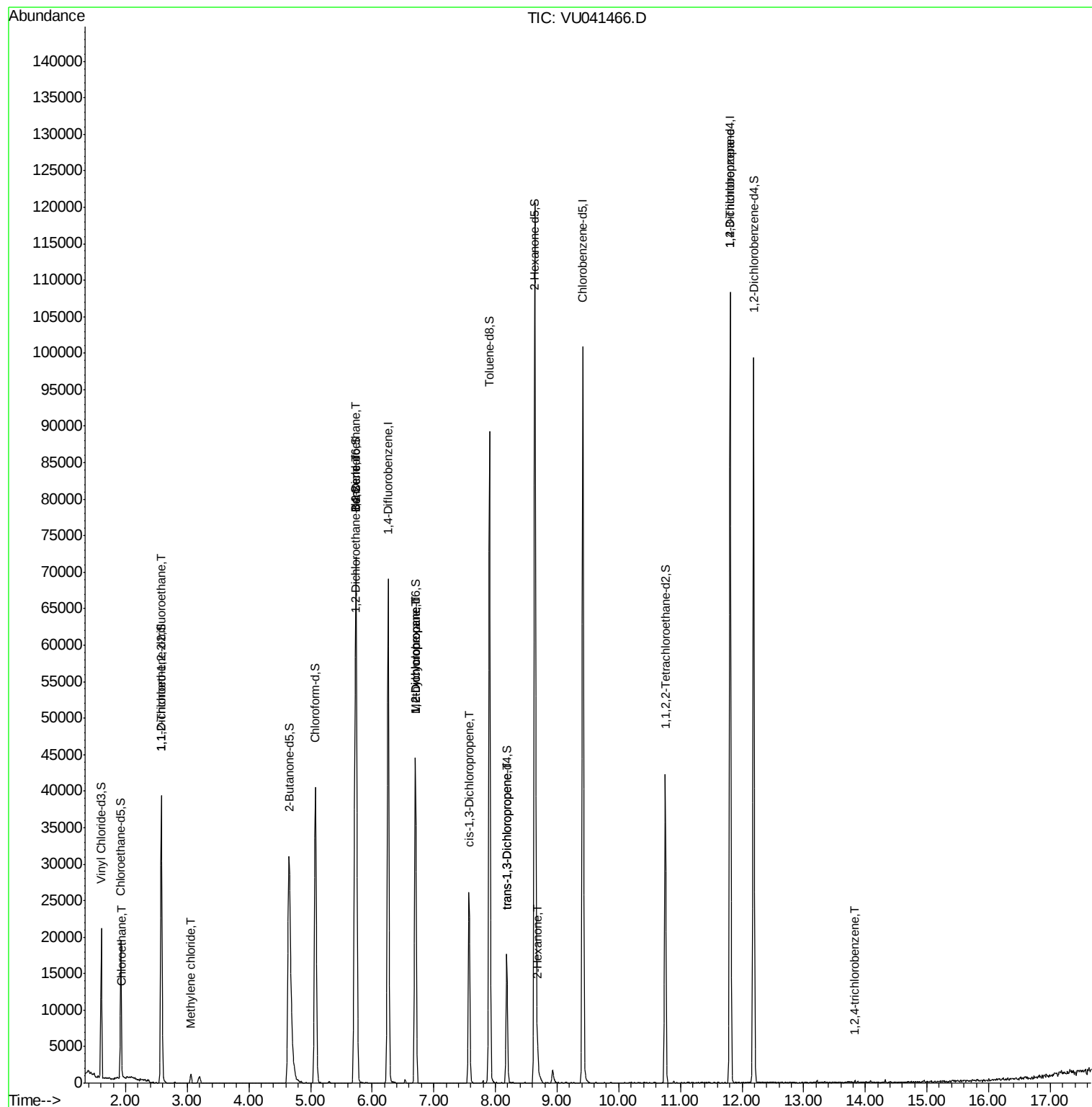
					Ovalue
8) Chloroethane	1.94	64	90	0.038	ug/L # 45
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	177	0.049	ug/L # 17
16) Methylene chloride	3.06	84	619	0.150	ug/L # 96
27) 1,2-Dichloroethane	5.74	62	423	0.074	ug/L # 79
33) Benzene	5.74	78	445	0.034	ug/L # 100
35) Methylcyclohexane	6.70	83	5204	0.961	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	2478	0.804	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	724	0.130	ug/L # 94
44) trans-1,3-Dichloropropene	8.19	75	538	0.097	ug/L # 67
48) 2-Hexanone	8.68	43	1087	0.548	ug/L # 81
59) 1,2,3-Trichloropropane	11.81	75	2930	0.980	ug/L # 87
68) 1,2,4-trichlorobenzene	13.83	180	191	0.039	ug/L # 48

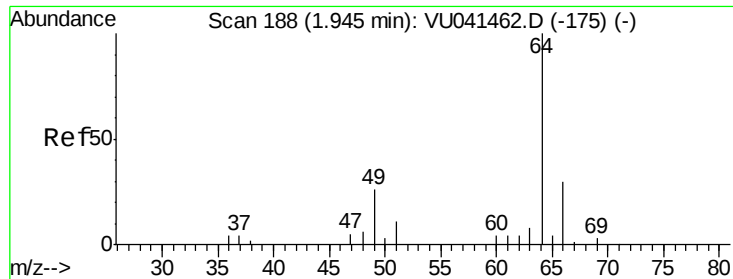
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 05 05:22:35 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.038 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

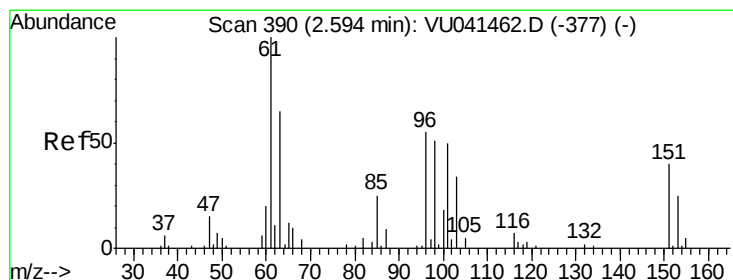
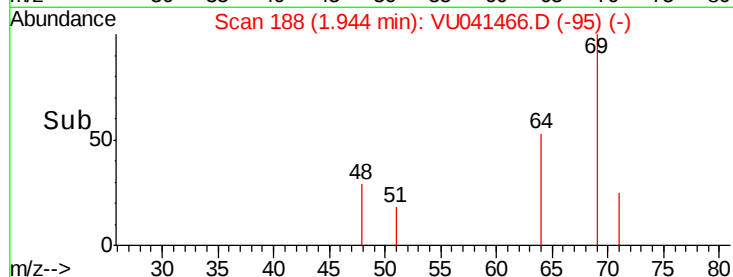
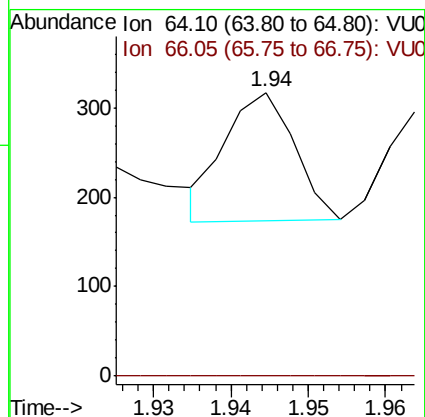
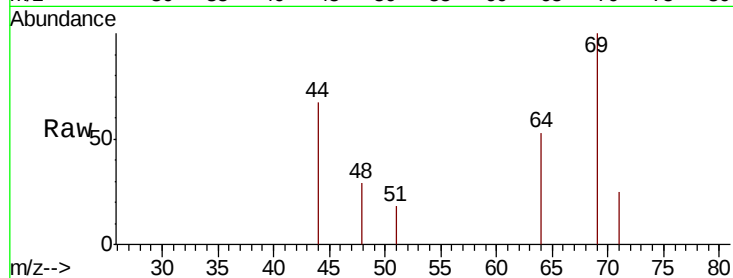
VBLK04

Tot Ion: 64 Resp: 90

Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#



#10

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

Concen: 0.049 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

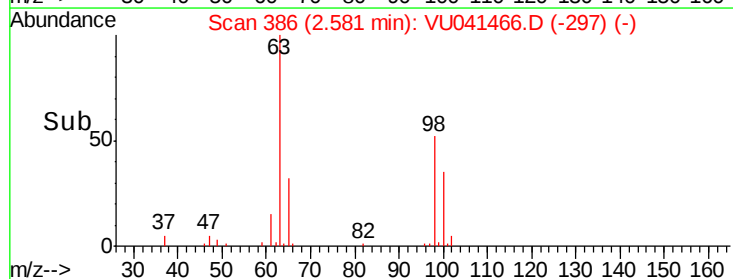
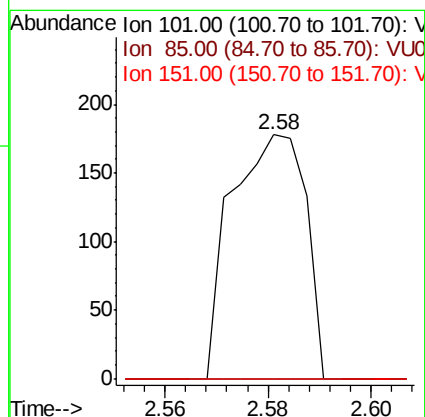
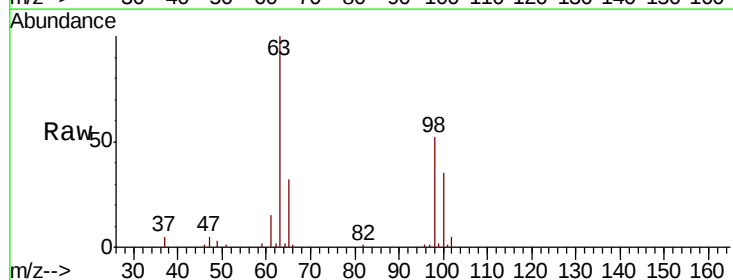
Tgt Ion: 101 Resp: 177

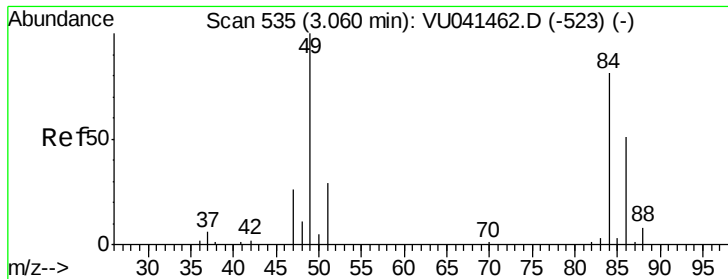
Ion Ratio Lower Upper

101 100

85 0.0 39.4 59.2#

151 0.0 63.8 95.8#

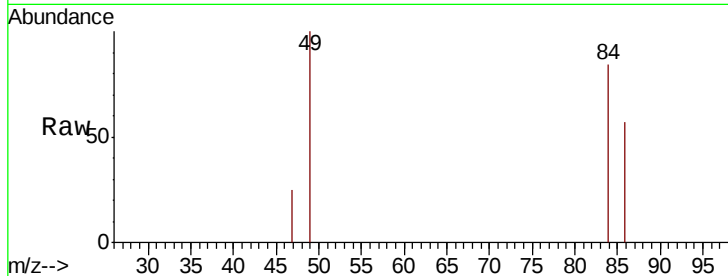




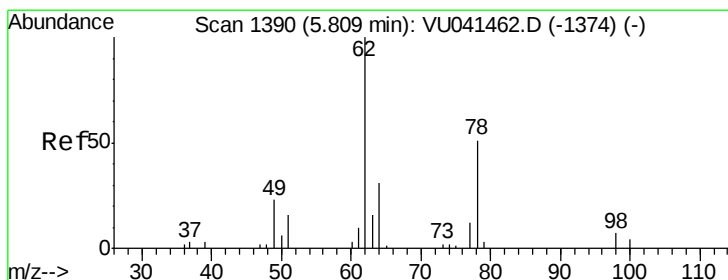
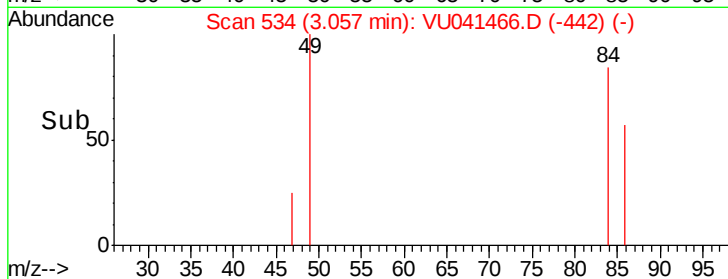
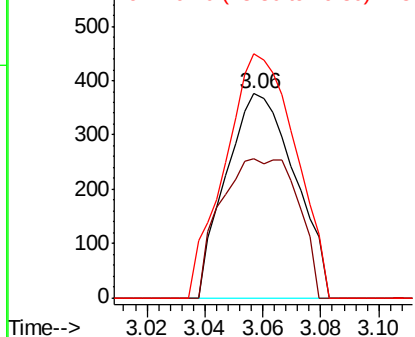
#16
Methylene chloride
Concen: 0.150 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041466.D
Acq: 04 Dec 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
VBLK04

Tot Ion: 84 Resp: 619
Ion Ratio Lower Upper
84 100
86 67.8 44.1 81.9
49 119.4 86.1 159.9

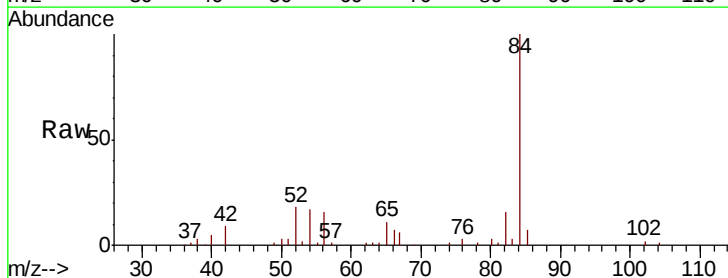


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

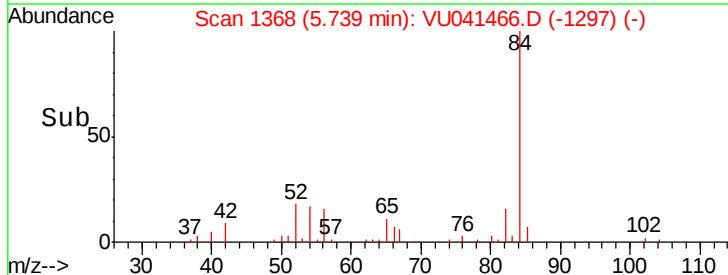
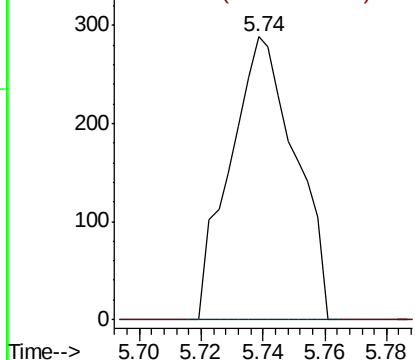


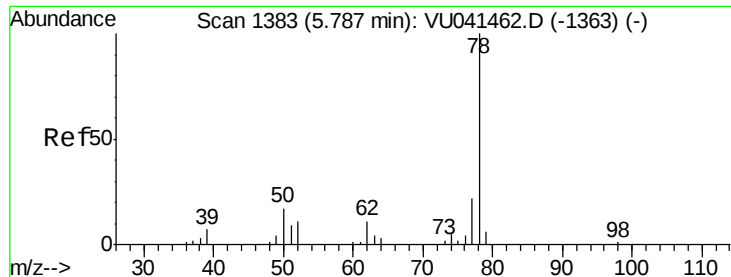
#27
1,2-Dichloroethane
Concen: 0.074 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041466.D
Acq: 04 Dec 2020 13:21

Tgt Ion: 62 Resp: 423
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#33

Benzene

Concen: 0.034 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

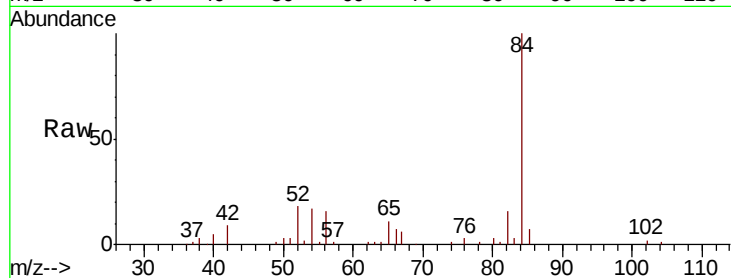
Instrument :

MSVOA_U

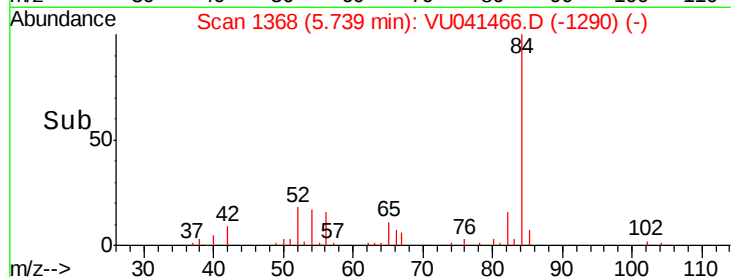
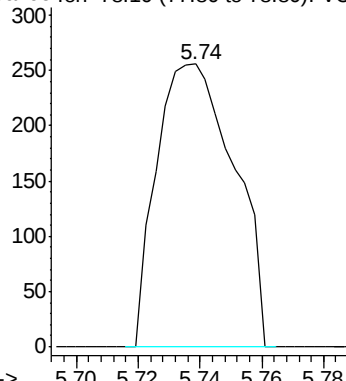
ClientSampleId :

VBLK04

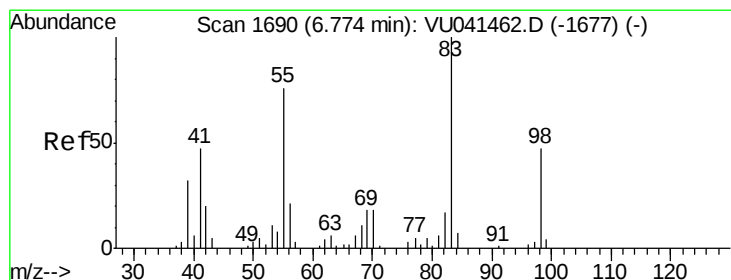
Tgt Ion: 78 Resp: 445



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.961 ug/L

RT: 6.70 min Scan# 1666

Delta R.T. -0.08 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

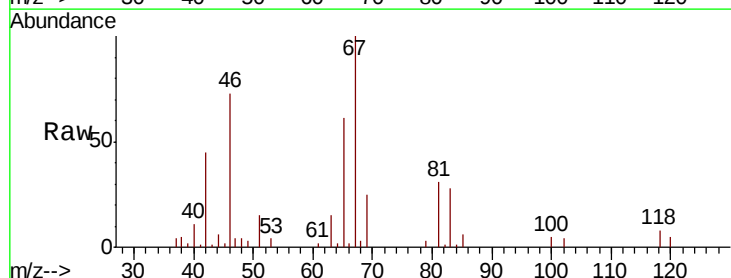
Tgt Ion: 83 Resp: 5204

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

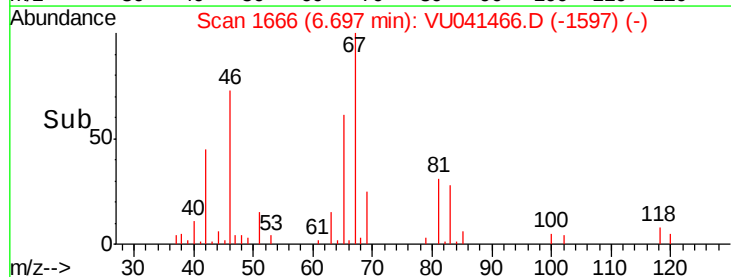
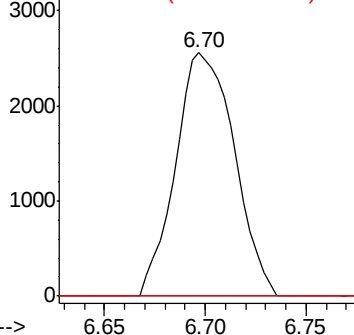
98 0.0 38.7 58.1#

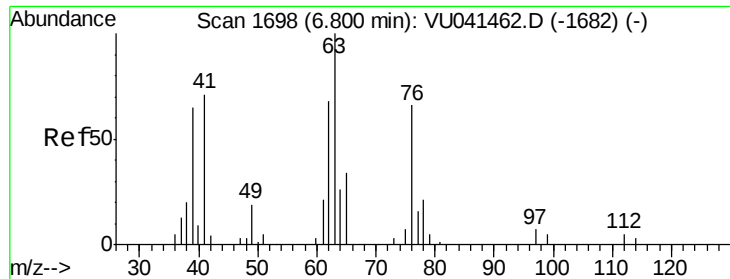


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.804 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

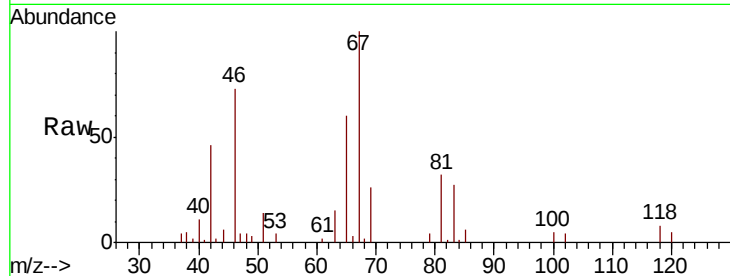
VBLK04

Tot Ion: 63 Resp: 2478

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VU041466.D (-1667) (-)

Ion 112.10 (111.80 to 112.80): VU041466.D (-1667) (-)

6.70

1500

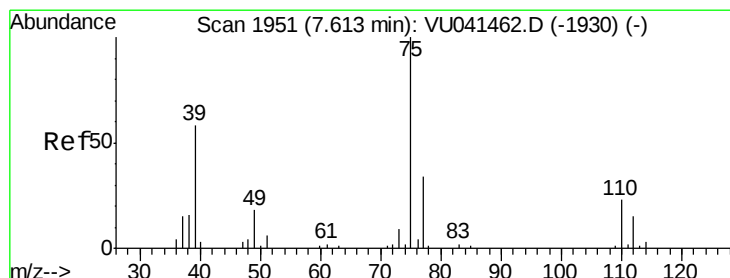
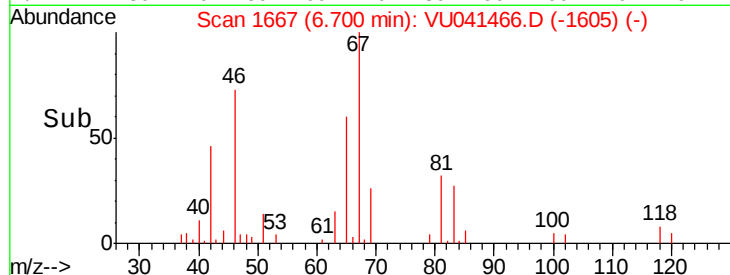
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.57 min Scan# 1937

Delta R.T. -0.05 min

Lab File: VU041466.D

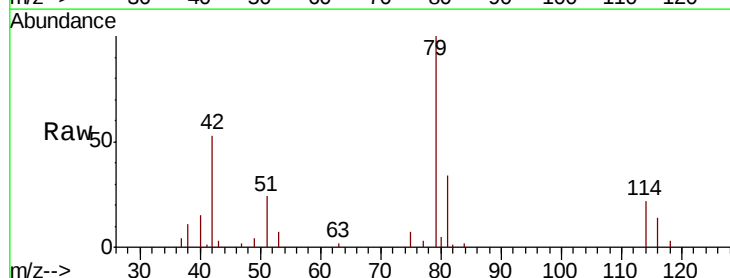
Acq: 04 Dec 2020 13:21

Tgt Ion: 75 Resp: 724

Ion Ratio Lower Upper

75 100

77 37.7 24.0 44.6



Abundance Ion 75.05 (74.75 to 75.75): VU041466.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU041466.D (-1858) (-)

7.57

600

500

400

300

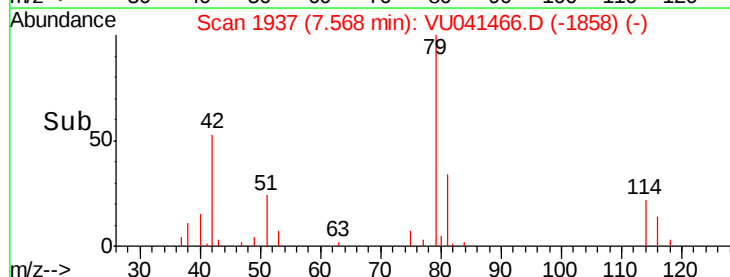
200

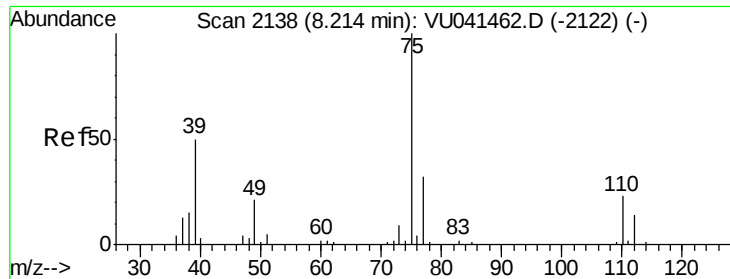
100

0

7.54 7.56 7.58 7.60

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

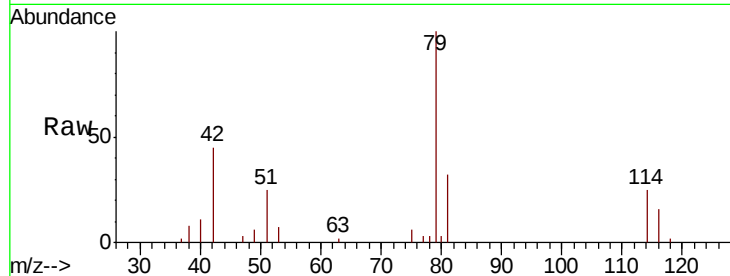
VBLK04

Tot Ion: 75 Resp: 538

Ion Ratio Lower Upper

75 100

77 51.1 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

400

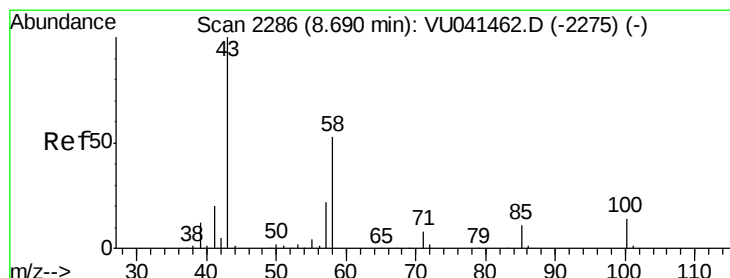
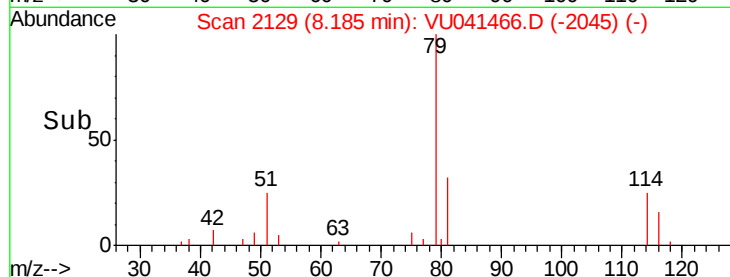
300

200

100

0

Time--> 8.14 8.16 8.18 8.20 8.22



#48

2-Hexanone

Concen: 0.548 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.01 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

Tgt Ion: 43 Resp: 1087

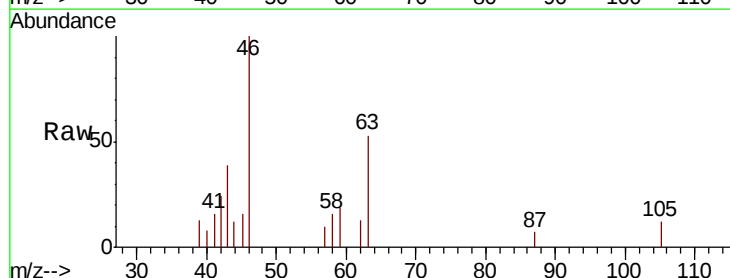
Ion Ratio Lower Upper

43 100

58 39.5 41.4 62.0#

57 14.9 17.1 25.7#

100 0.0 10.6 16.0#



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

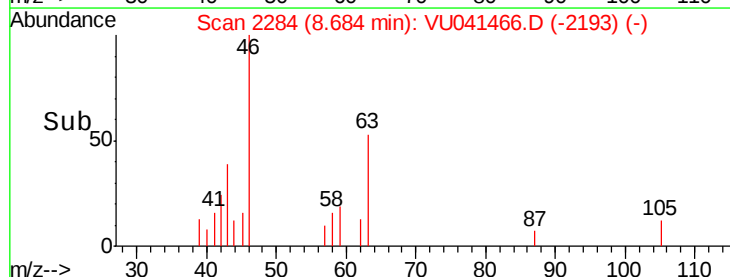
3000

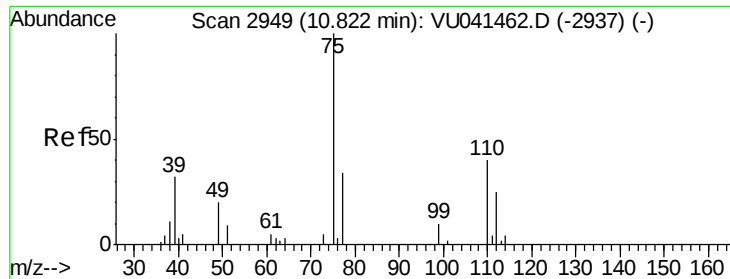
2000

1000

0

Time--> 8.66 8.68 8.70 8.72





#59

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

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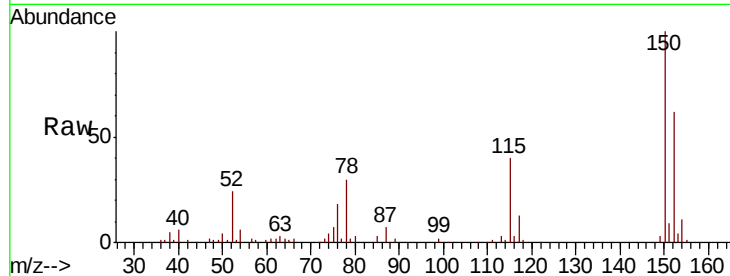
VBLK04

Tot Ion: 75 Resp: 2930

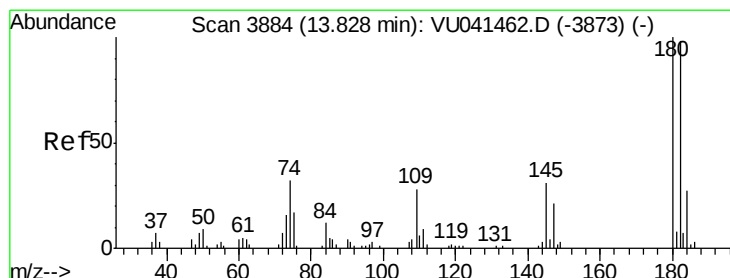
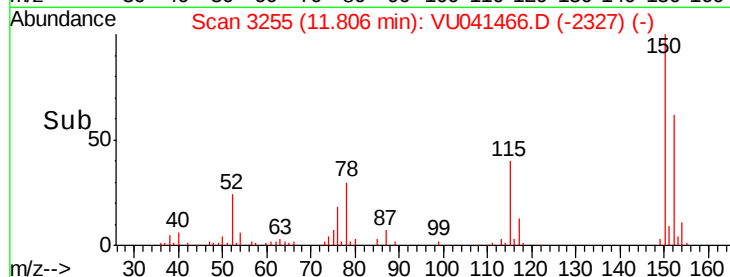
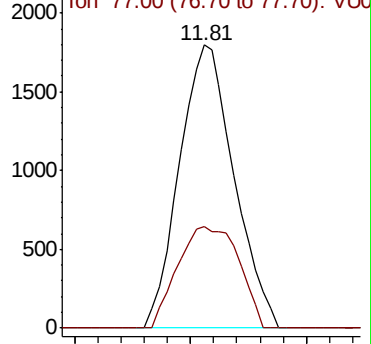
Ion Ratio Lower Upper

75 100

77 40.2 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU041466.D (-2937) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.039 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU041466.D

Acq: 04 Dec 2020 13:21

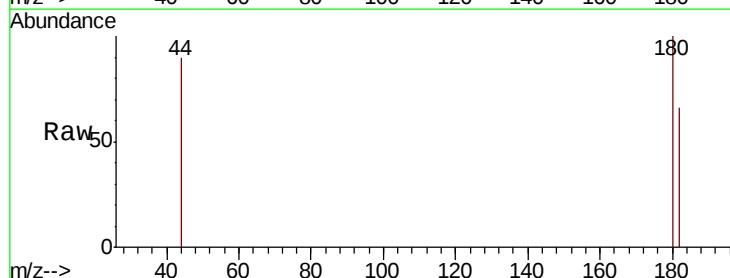
Tgt Ion: 180 Resp: 191

Ion Ratio Lower Upper

180 100

182 47.6 77.8 116.8#

145 0.0 26.4 39.6#



Abundance Ion 179.90 (179.60 to 180.60): VU041466.D (-3873) (-)

Ion 182.00 (181.70 to 182.70): VU041466.D (-3873) (-)

Ion 144.95 (144.65 to 145.65): VU041466.D (-3873) (-)

13.83

