

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041291.D
 Acq On : 17 Nov 2020 21:28
 Operator : SY/MD
 Sample : VU1117WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

Quant Time: Nov 18 00:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 00:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67145	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23950	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	20778	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.58	63	37663	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.67	46	94783	46.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.08%
24) Chloroform-d	5.08	84	53510	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	33652	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.74	84	95749	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
36) 1,2-Dichloropropane-d6	6.70	67	33137	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.91	98	77008	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.19	79	12161	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.64	63	67985	51.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27357	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29396	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

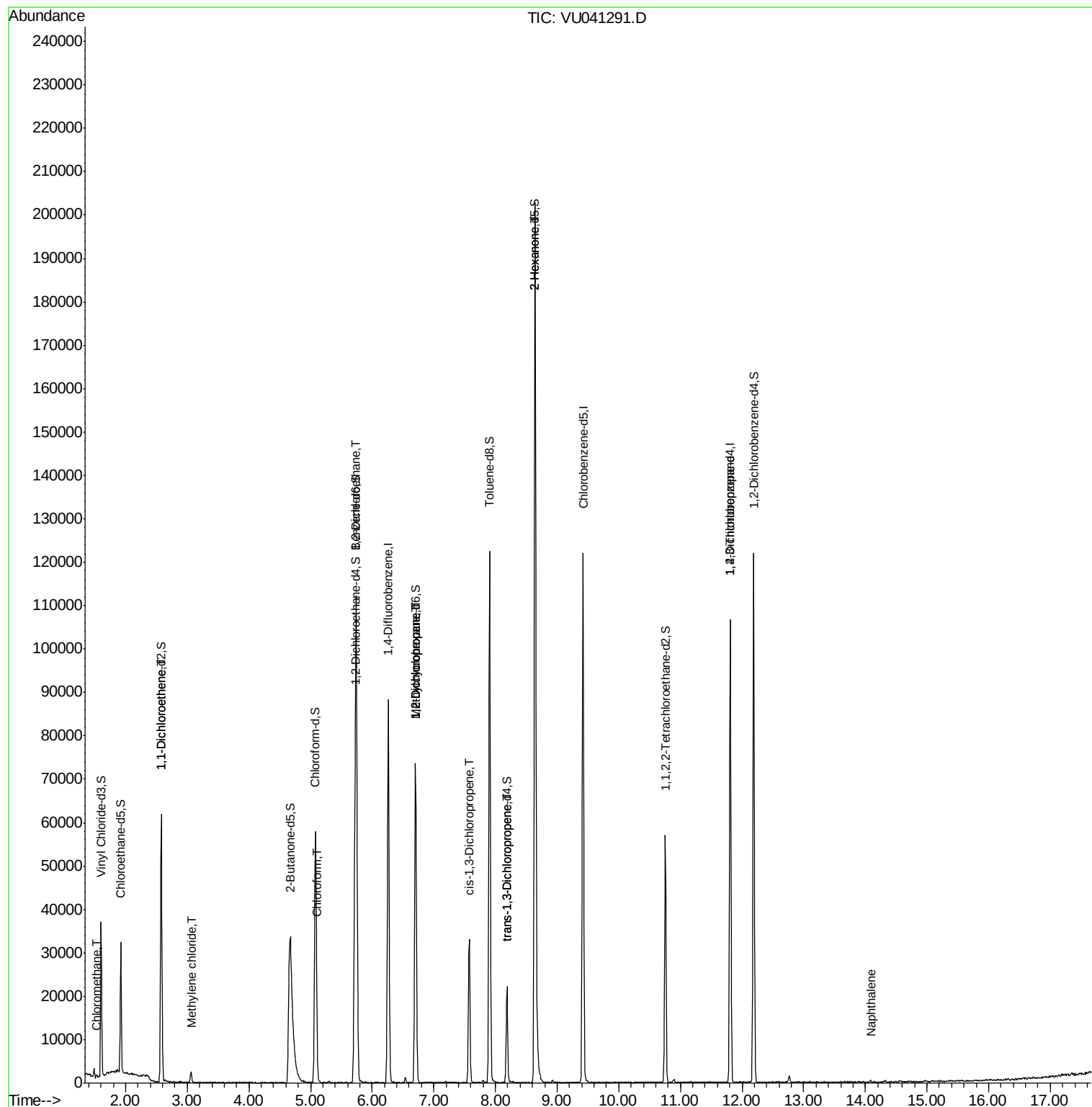
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	278	0.047	ug/L #	43
12) 1,1-Dichloroethene	2.58	96	246	0.056	ug/L #	1
16) Methylene chloride	3.06	84	1017	0.186	ug/L	89
25) Chloroform	5.11	83	712	0.069	ug/L	97
27) 1,2-Dichloroethane	5.74	62	473	0.064	ug/L #	74
35) Methylcyclohexane	6.70	83	7744	1.290	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3947	0.807	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	985	0.144	ug/L #	69
44) trans-1,3-Dichloropropene	8.18	75	594	0.092	ug/L	95
48) 2-Hexanone	8.64	43	10131	3.355	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	3610	0.936	ug/L	90
69) Naphthalene	14.09	128	368	0.047	ug/L #	69

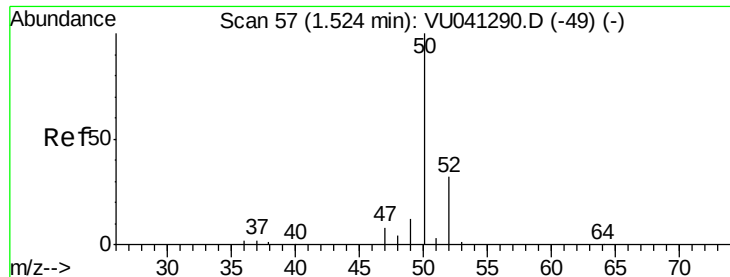
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111720\
Data File : VU041291.D
Acq On : 17 Nov 2020 21:28
Operator : SY/MD
Sample : VU1117WBL02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK24

Quant Time: Nov 18 00:08:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041291.D

Acq: 17 Nov 2020 21:28

Instrument :

MSVOA_U

ClientSampled :

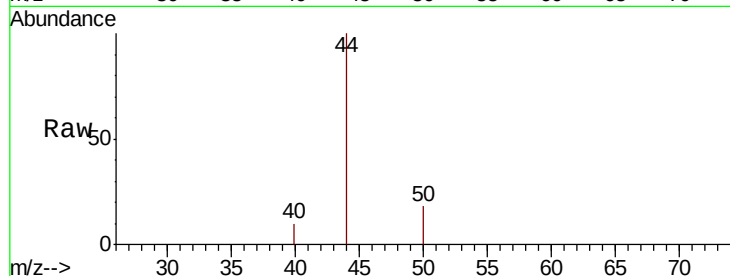
VBLK24

Tot Ion: 50 Resp: 278

Ion Ratio Lower Upper

50 100

52 0.0 22.4 41.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

250

200

150

100

50

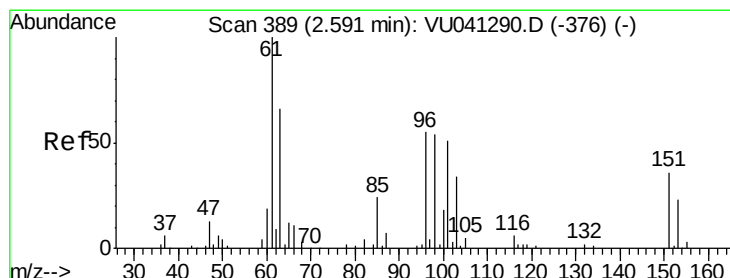
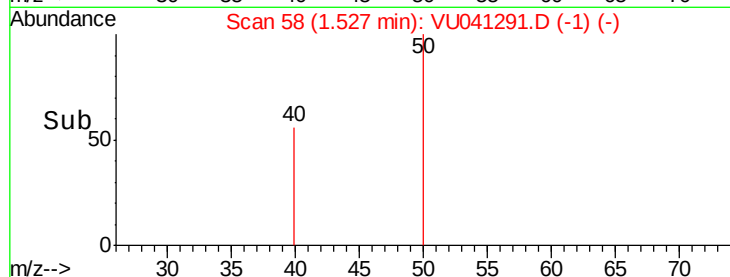
0

1.50

1.52

1.54

Time-->



#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041291.D

Acq: 17 Nov 2020 21:28

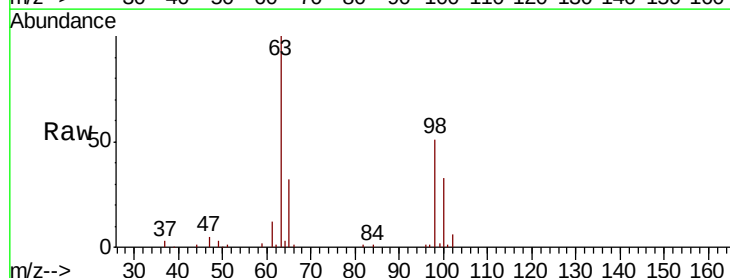
Tgt Ion: 96 Resp: 246

Ion Ratio Lower Upper

96 100

61 1589.3 134.3 249.5#

63 13348.3 95.0 176.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

30000

25000

20000

15000

10000

5000

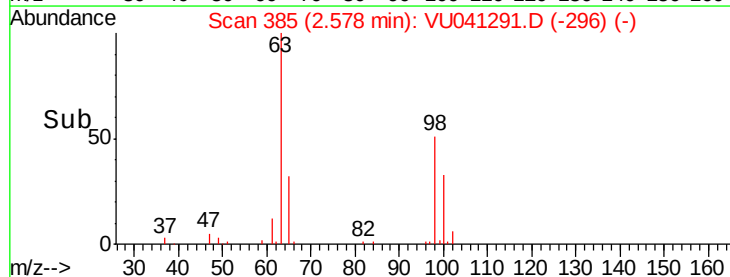
0

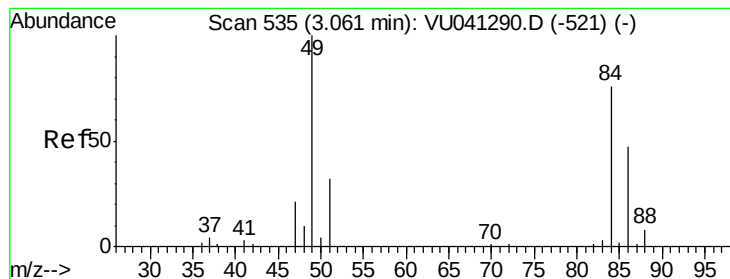
2.56

2.58

2.60

Time-->





#16

Methvlene chloride

Concen: 0.186 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041291.D

Acq: 17 Nov 2020 21:28

Instrument :

MSVOA_U

ClientSampleId :

VBLK24

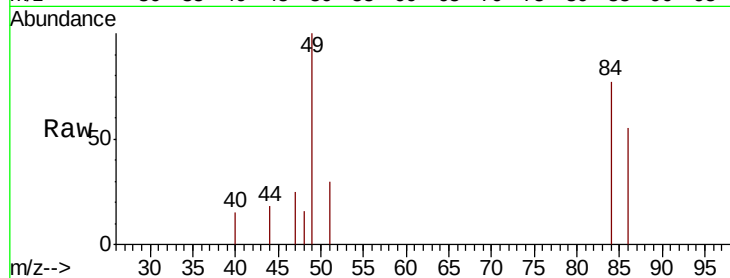
Tot Ion: 84 Resp: 1017

Ion Ratio Lower Upper

84 100

86 71.5 42.8 79.6

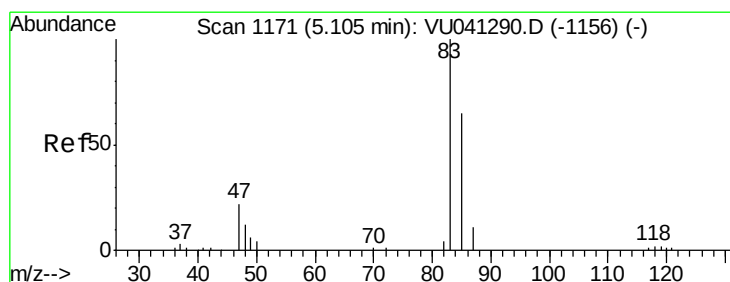
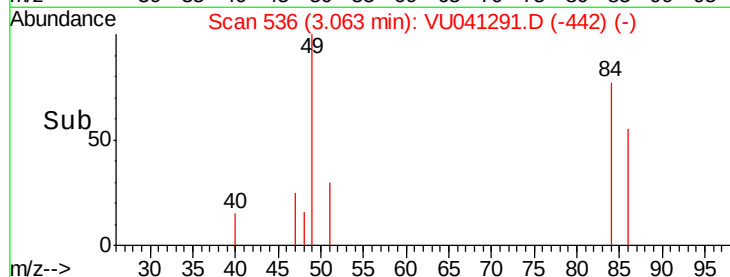
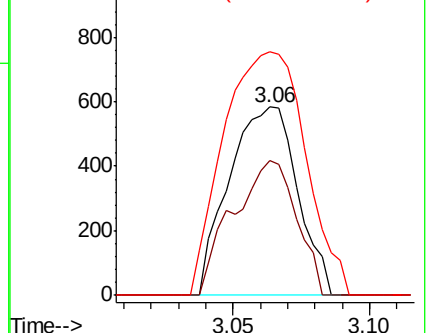
49 129.5 99.5 184.7



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



#25

Chloroform

Concen: 0.069 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU041291.D

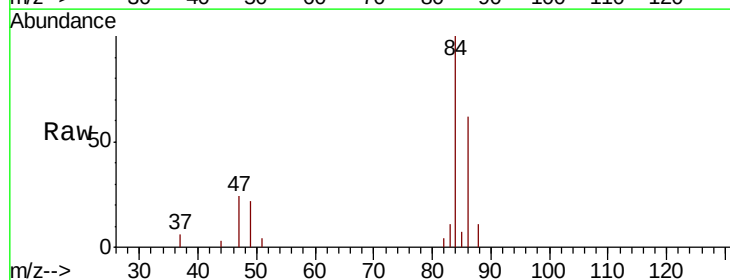
Acq: 17 Nov 2020 21:28

Tgt Ion: 83 Resp: 712

Ion Ratio Lower Upper

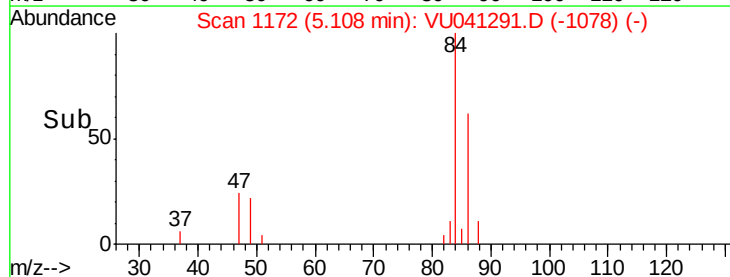
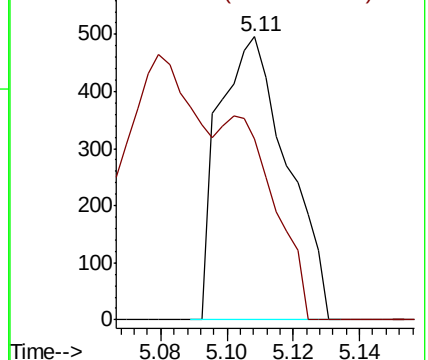
83 100

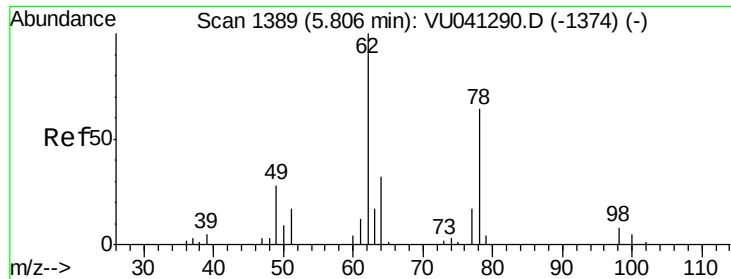
85 63.7 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

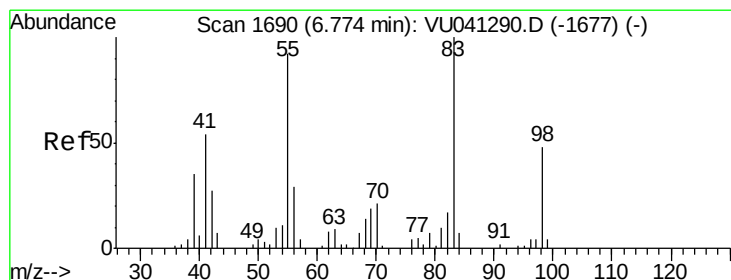
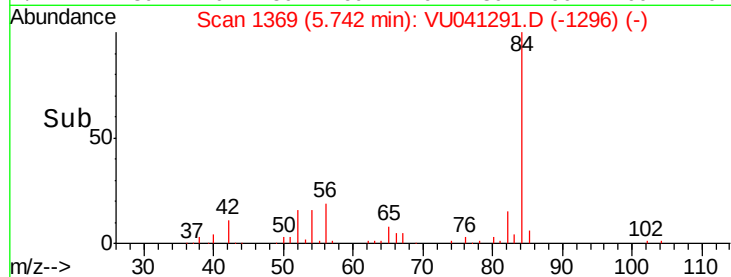
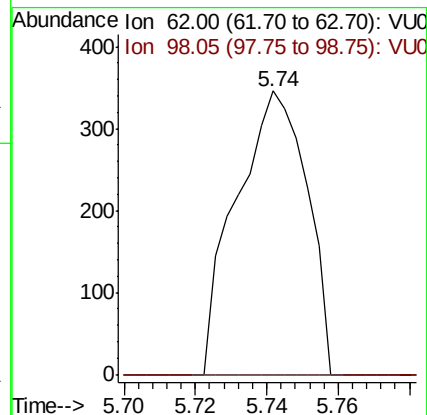
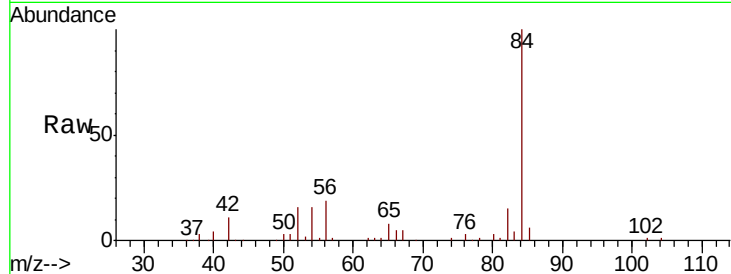




#27
 1,2-Dichloroethane
 Concen: 0.064 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041291.D
 Acq: 17 Nov 2020 21:28

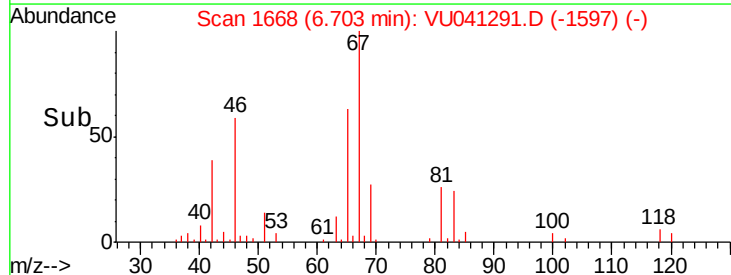
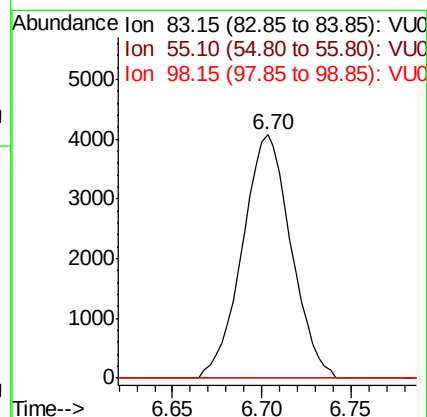
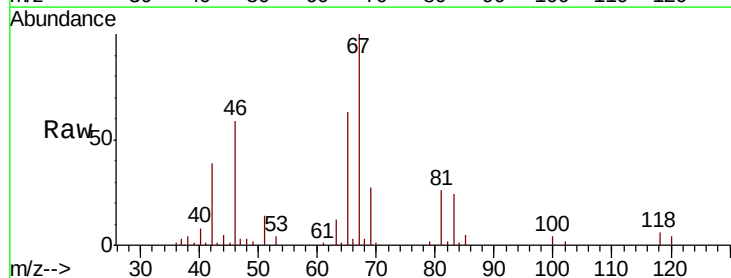
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

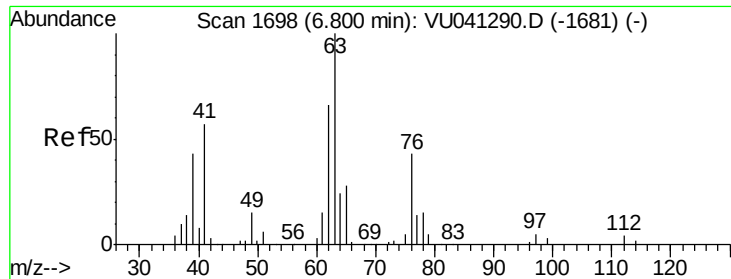
Tot Ion: 62 Resp: 473
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 1.290 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041291.D
 Acq: 17 Nov 2020 21:28

Tgt Ion: 83 Resp: 7744
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 1.4 36.6 55.0#

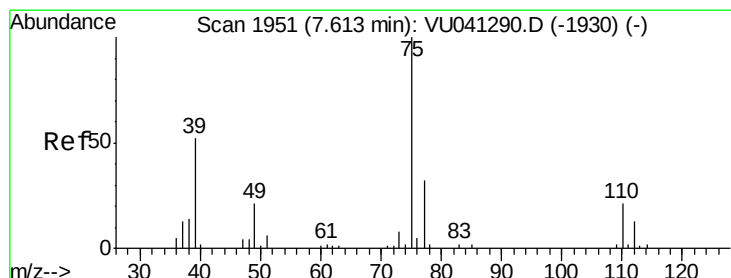
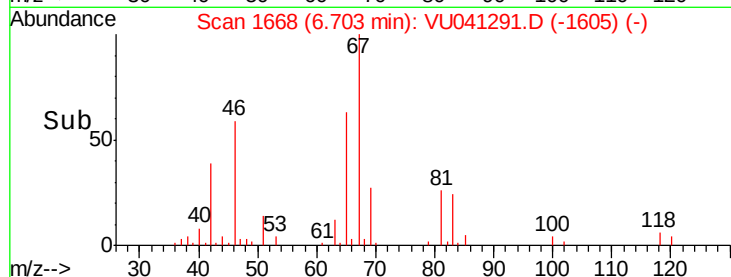
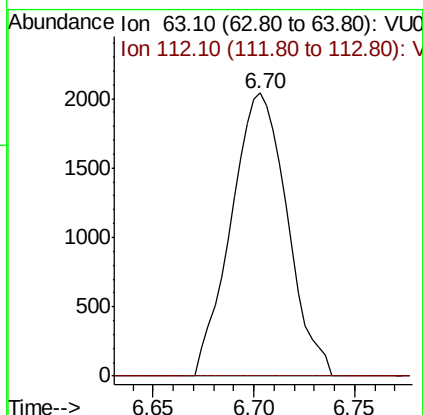
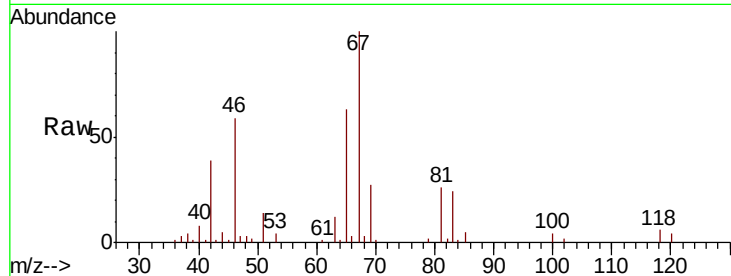




#37
 1,2-Dichloropropane
 Concen: 0.807 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041291.D
 Acq: 17 Nov 2020 21:28

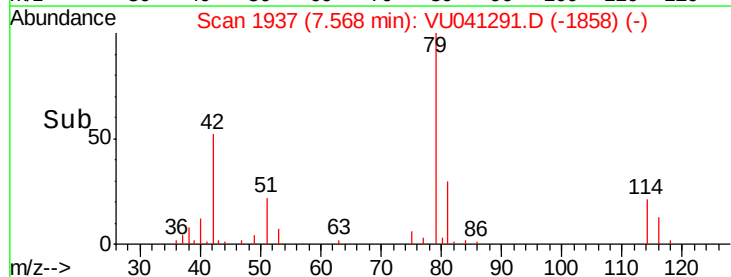
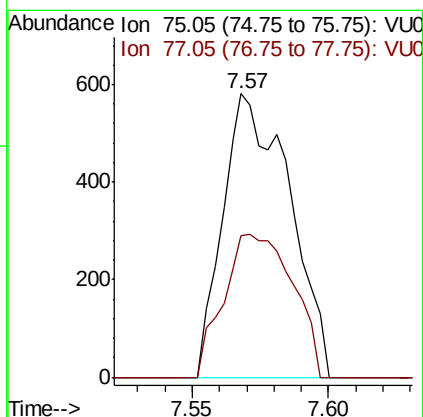
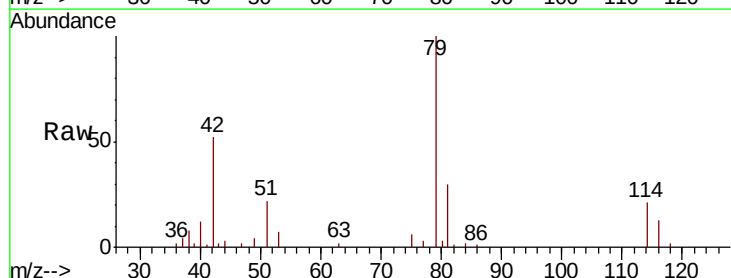
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

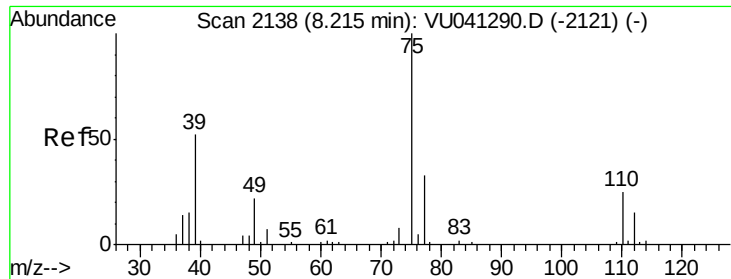
Tot Ion: 63 Resp: 3947
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.144 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU041291.D
 Acq: 17 Nov 2020 21:28

Tgt Ion: 75 Resp: 985
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.7 42.3#

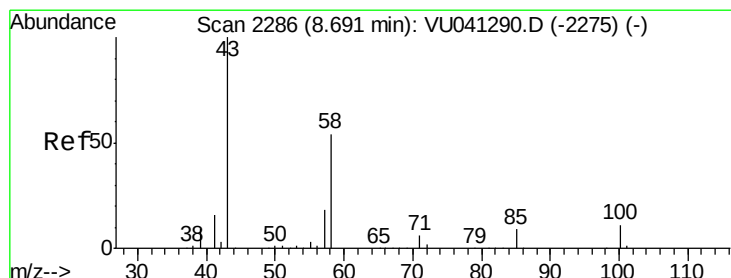
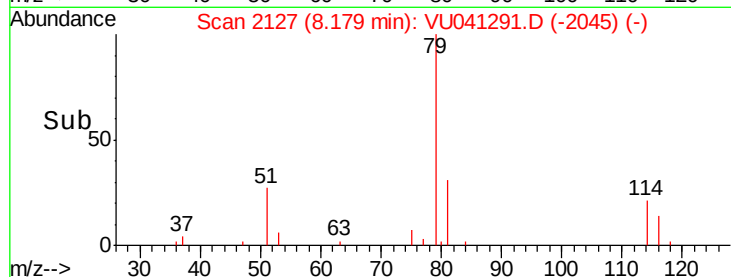
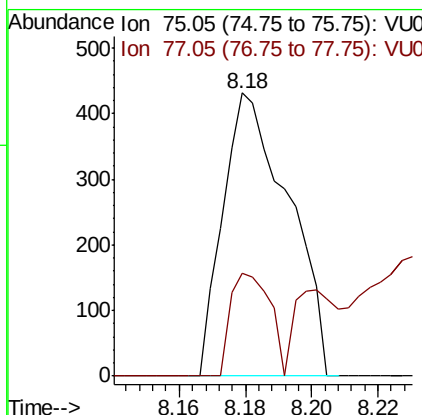
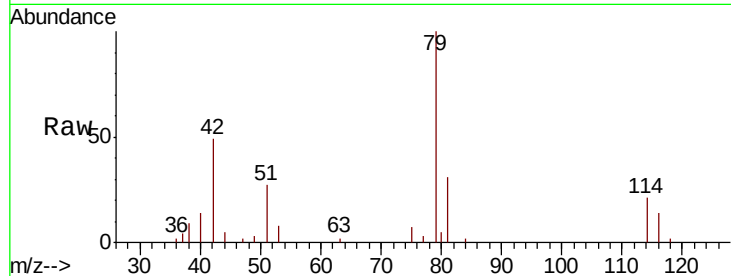




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU041291.D
Acq: 17 Nov 2020 21:28

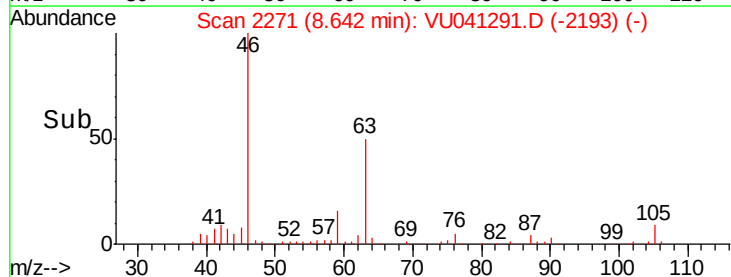
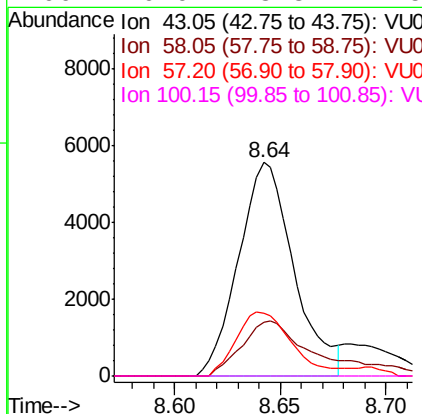
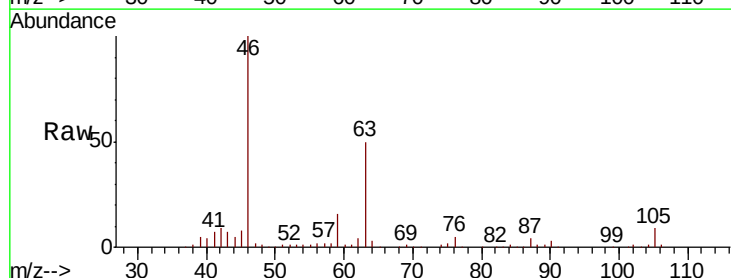
Instrument :
MSVOA_U
ClientSampled :
VBLK24

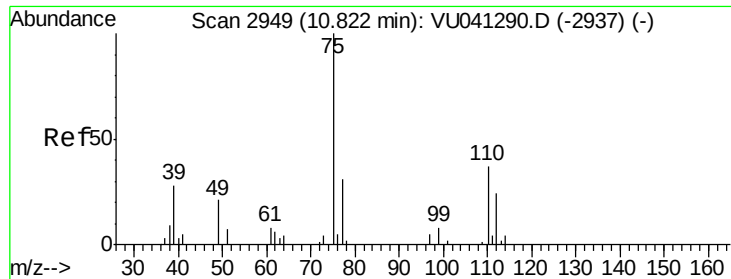
Tot Ion: 75 Resp: 594
Ion Ratio Lower Upper
75 100
77 36.1 23.3 43.3



#48
2-Hexanone
Concen: 3.355 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041291.D
Acq: 17 Nov 2020 21:28

Tgt Ion: 43 Resp: 10131
Ion Ratio Lower Upper
43 100
58 34.9 41.4 62.2#
57 30.7 14.6 21.8#
100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.936 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041291.D

Acq: 17 Nov 2020 21:28

Instrument :

MSVOA_U

ClientSampleId :

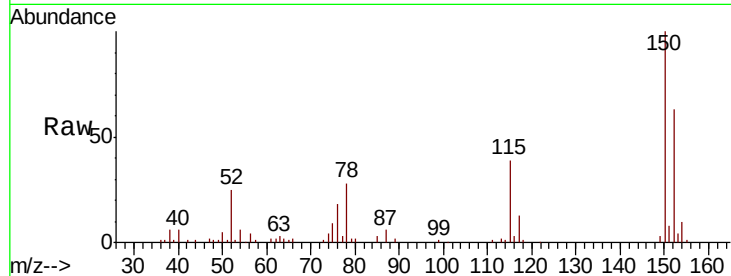
VBLK24

Tot Ion: 75 Resp: 3610

Ion Ratio Lower Upper

75 100

77 37.5 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU041291.D (-3256) (-)

Ion 77.00 (76.70 to 77.70): VU041291.D (-3256) (-)

11.81

2500

2000

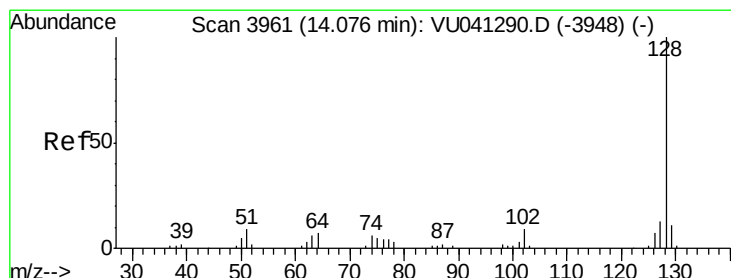
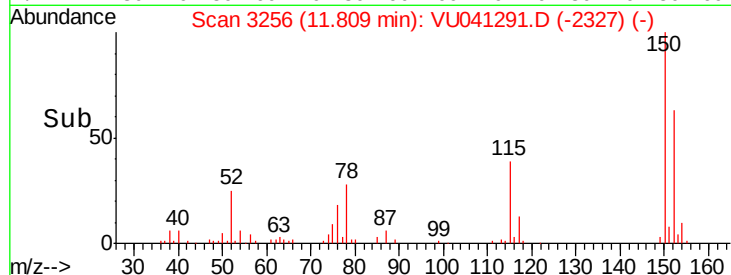
1500

1000

500

0

Time-->



#69

Naphthalene

Concen: 0.047 ug/L

RT: 14.09 min Scan# 3964

Delta R.T. 0.01 min

Lab File: VU041291.D

Acq: 17 Nov 2020 21:28

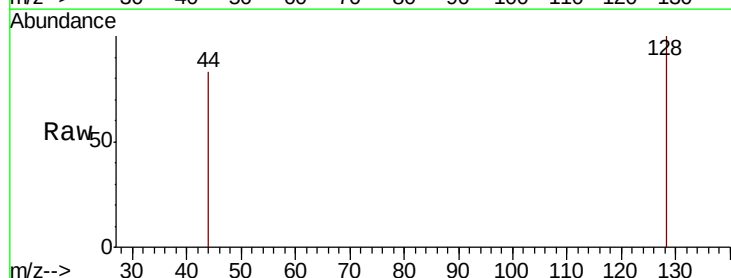
Tgt Ion: 128 Resp: 368

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): VU041291.D (-3964) (-)

Ion 129.00 (128.70 to 129.70): VU041291.D (-3964) (-)

Ion 127.00 (126.70 to 127.70): VU041291.D (-3964) (-)

14.09

400

300

200

100

0

Time-->

