

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040120.D
 Acq On : 14 Sep 2020 15:14
 Operator : SY/MD
 Sample : L3945-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 02:14:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27302	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.92	69	24328	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	46712	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	103125	43.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.94%
24) Chloroform-d	5.08	84	57902	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	35835	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.74	84	107452	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.70	67	35005	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.91	98	87332	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.19	79	14205	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	72496	40.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30901	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	35152	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

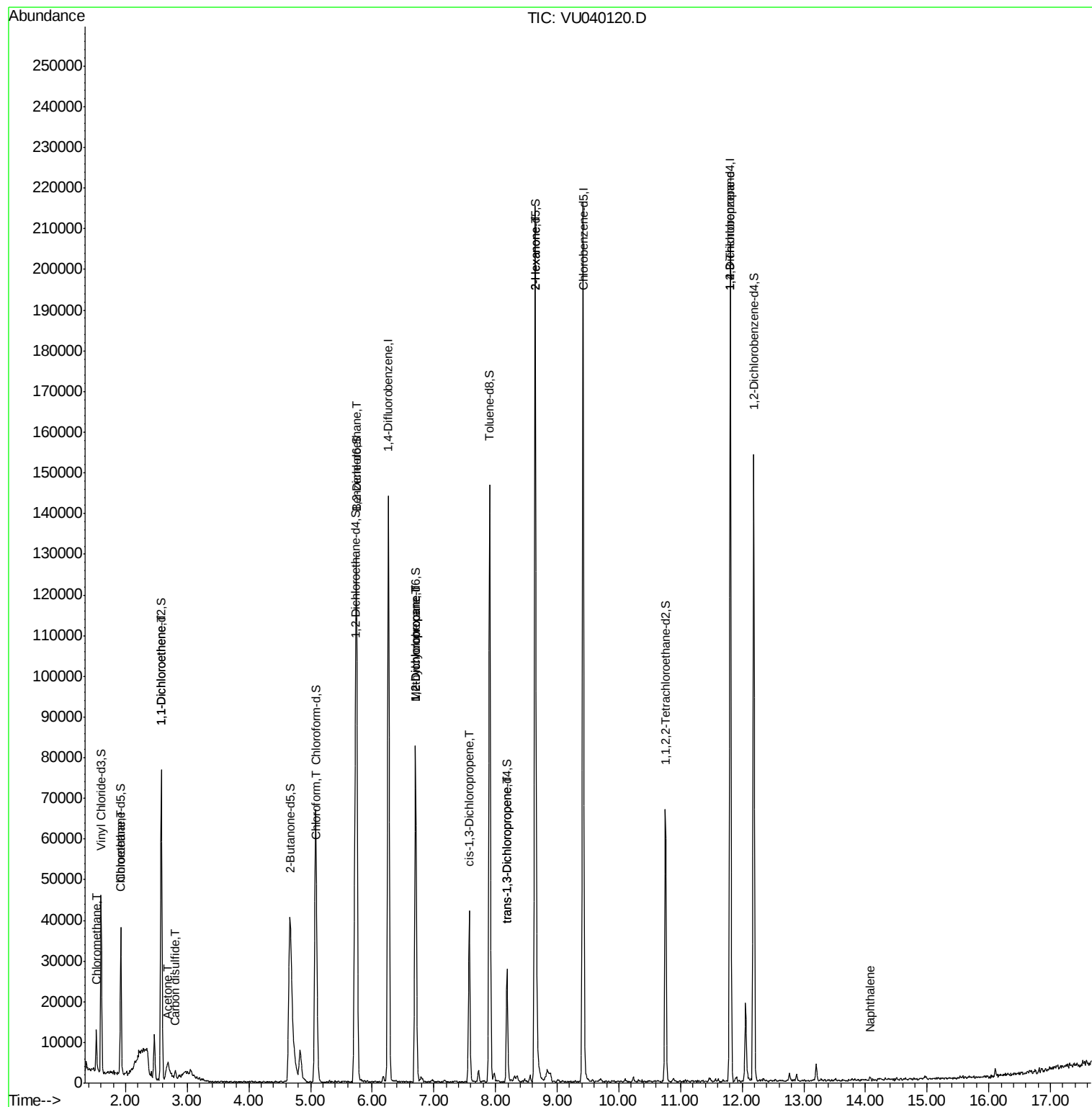
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	7134	0.699	ug/L	100
8) Chloroethane	1.93	64	692	0.111	ug/L #	42
12) 1,1-Dichloroethene	2.57	96	477	0.057	ug/L #	1
13) Acetone	2.67	43	4148	1.911	ug/L	92
14) Carbon disulfide	2.81	76	2682	0.101	ug/L #	93
25) Chloroform	5.11	83	6266	0.333	ug/L	95
27) 1,2-Dichloroethane	5.74	62	904	0.065	ug/L #	78
35) Methylcyclohexane	6.70	83	8074	0.512	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4383	0.421	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1384	0.090	ug/L #	73
44) trans-1,3-Dichloropropene	8.19	75	868	0.061	ug/L	82
48) 2-Hexanone	8.64	43	12278	1.973	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	7616	0.988	ug/L	89
69) Naphthalene	14.08	128	1236	0.055	ug/L #	87

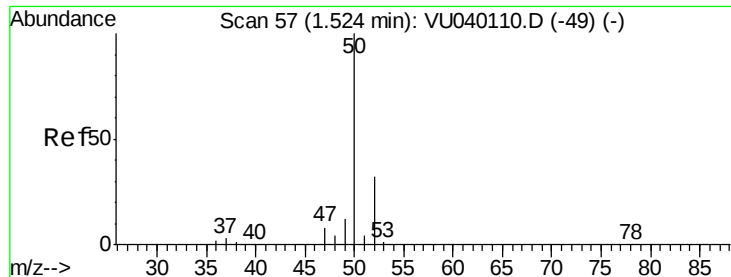
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.699 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040120.D

Acq: 14 Sep 2020 15:14

Instrument :

MSVOA_U

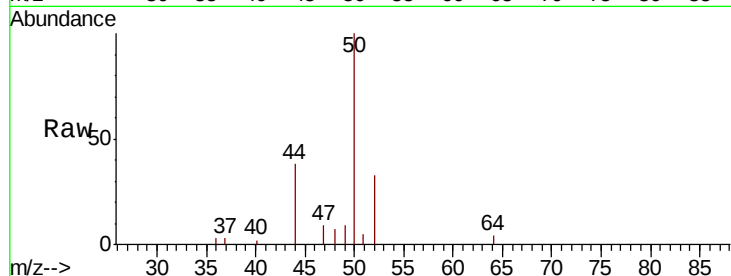
ClientSampleId :

Tot Ion: 50 Resp: 7134

Ion Ratio Lower Upper

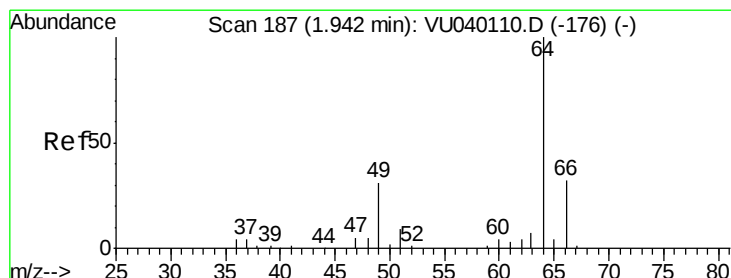
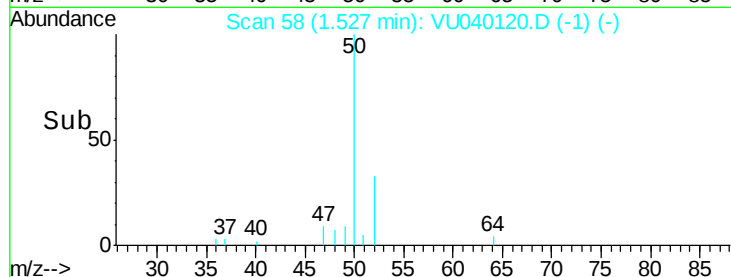
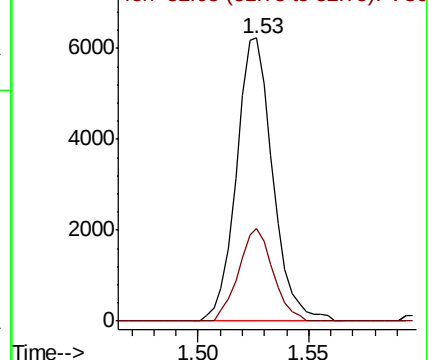
50 100

52 32.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.111 ug/L

RT: 1.93 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU040120.D

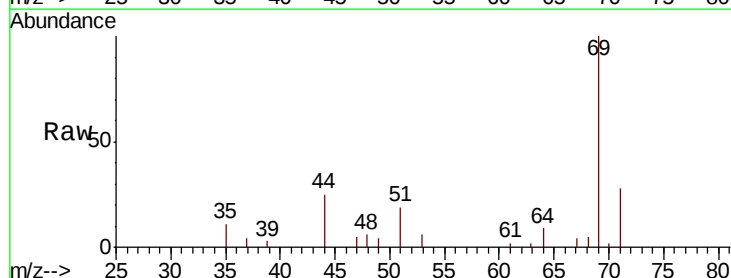
Acq: 14 Sep 2020 15:14

Tgt Ion: 64 Resp: 692

Ion Ratio Lower Upper

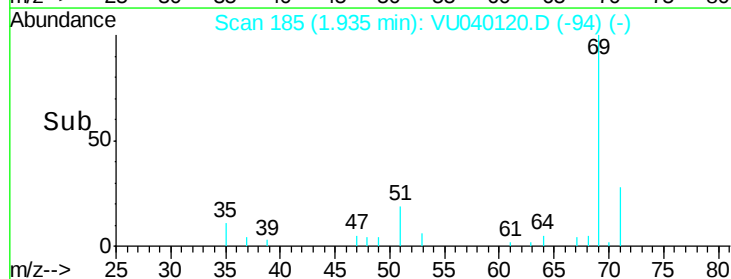
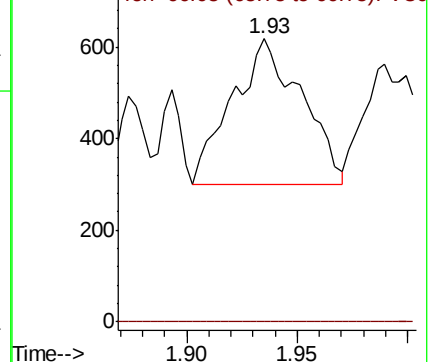
64 100

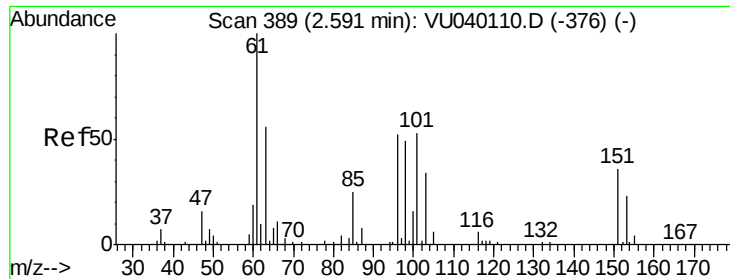
66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

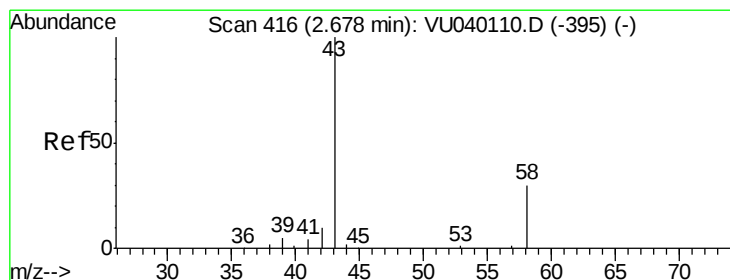
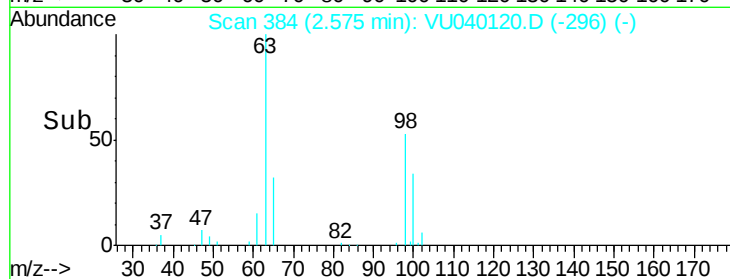
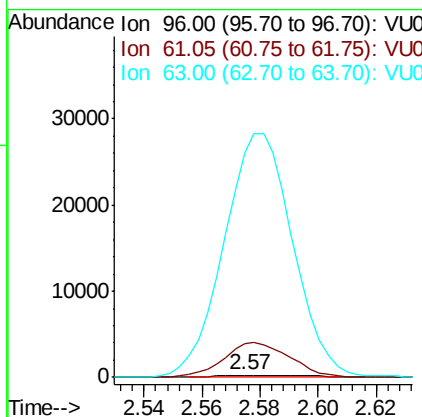
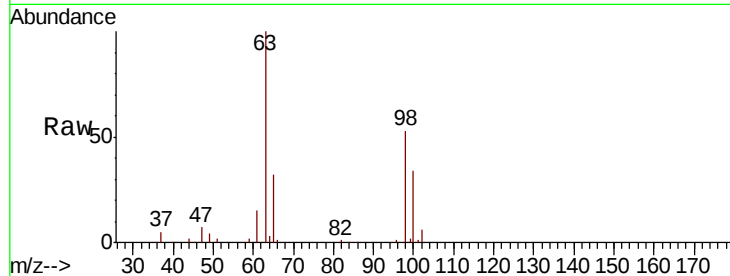




#12
 1,1-Dichloroethene
 Concen: 0.057 ug/L
 RT: 2.57 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VU040120.D
 Acq: 14 Sep 2020 15:14

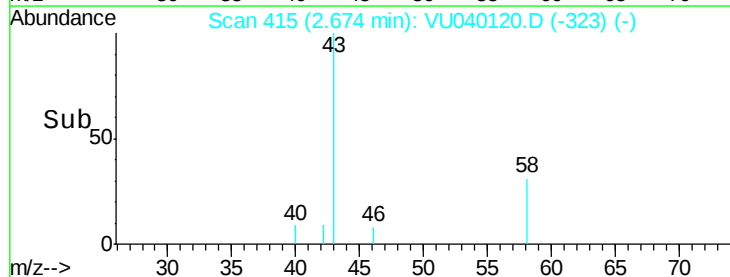
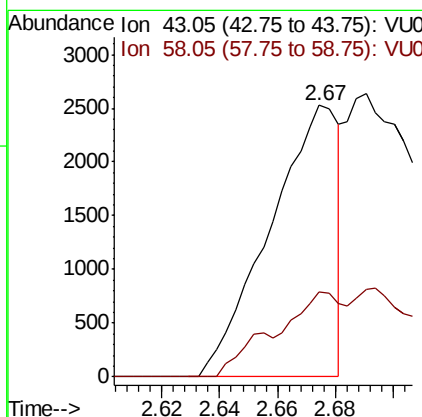
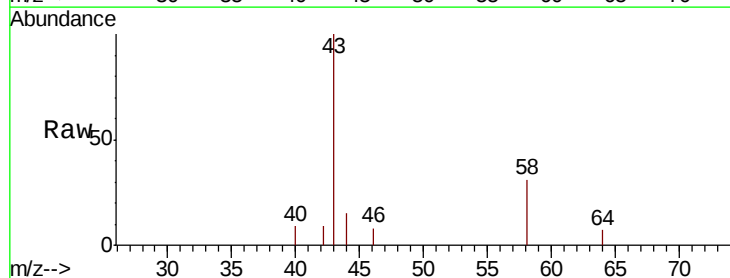
Instrument :
 MSVOA_U
 ClientSampled :

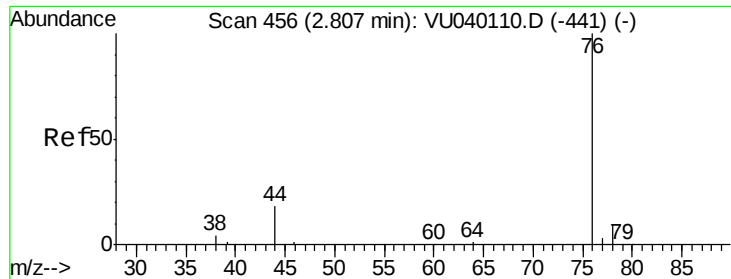
Tot Ion: 96 Resp: 477
 Ion Ratio Lower Upper
 96 100
 61 1688.0 138.3 256.8#
 63 11128.2 77.6 144.2#



#13
 Acetone
 Concen: 1.911 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: VU040120.D
 Acq: 14 Sep 2020 15:14

Tgt Ion: 43 Resp: 4148
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 55.4





#14

Carbon disulfide

Concen: 0.101 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040120.D

Acq: 14 Sep 2020 15:14

Instrument :

MSVOA_U

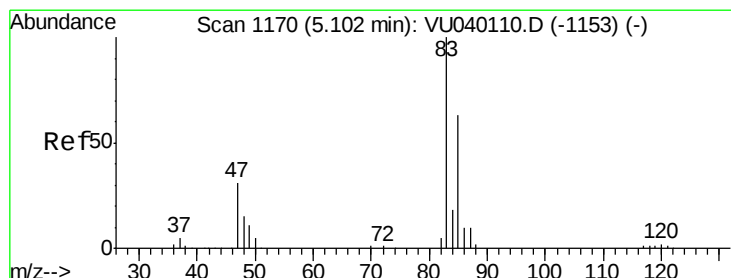
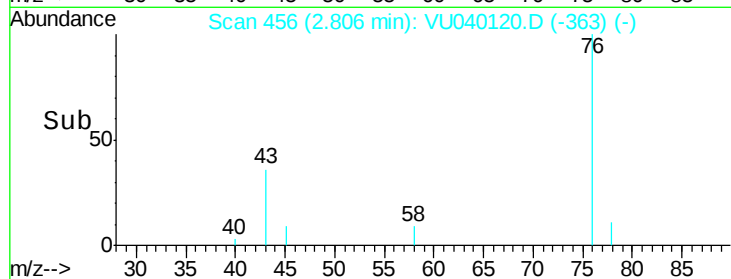
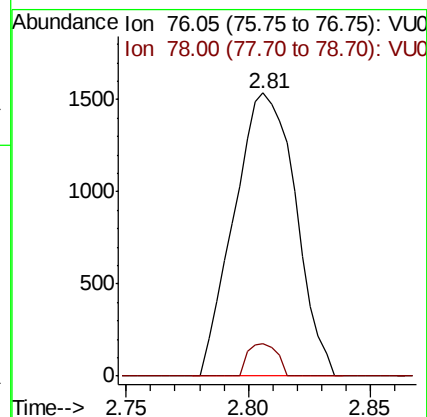
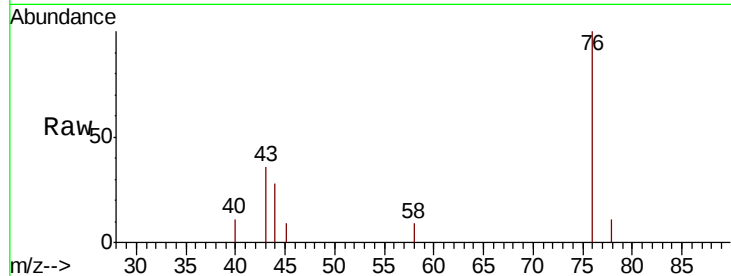
ClientSampled :

Tot Ion: 76 Resp: 2682

Ion Ratio Lower Upper

76 100

78 11.4 7.2 10.8#



#25

Chloroform

Concen: 0.333 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040120.D

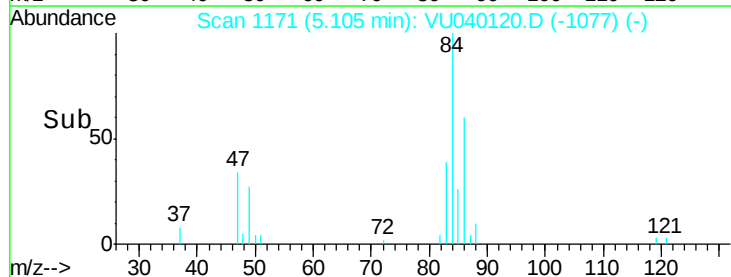
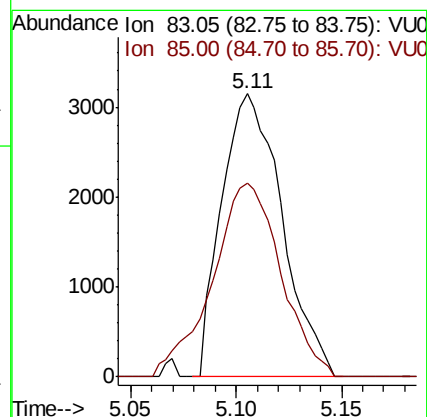
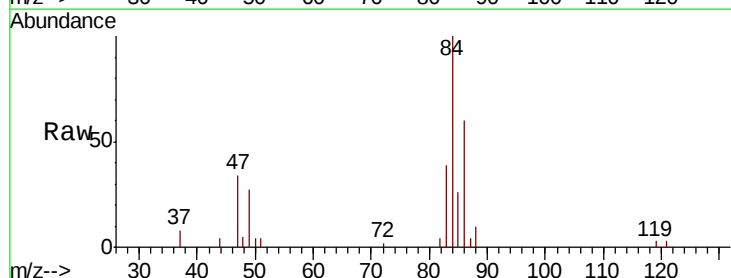
Acq: 14 Sep 2020 15:14

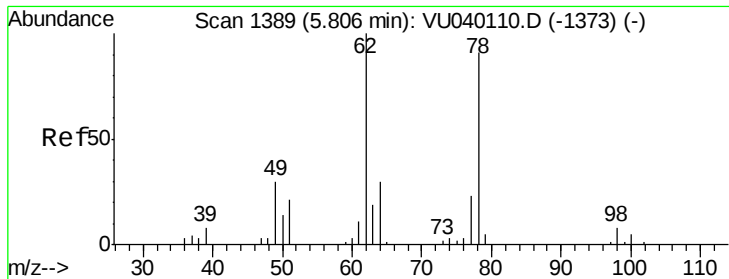
Tgt Ion: 83 Resp: 6266

Ion Ratio Lower Upper

83 100

85 68.5 45.3 84.1

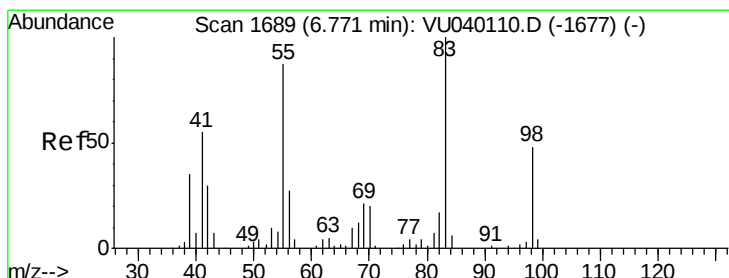
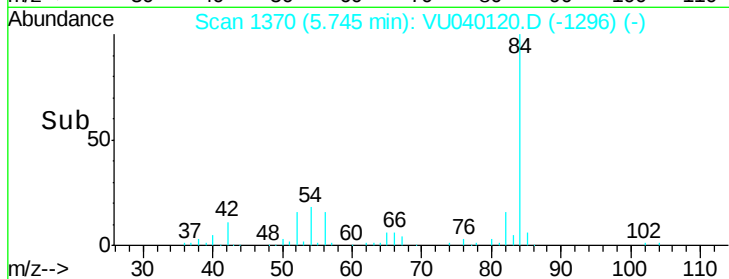
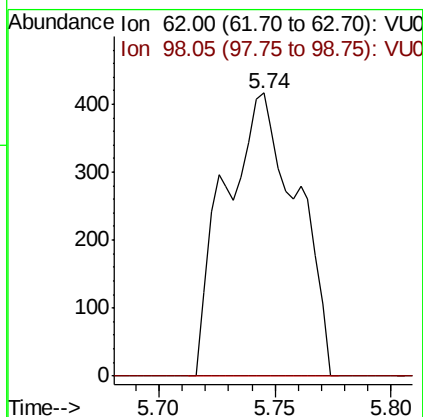
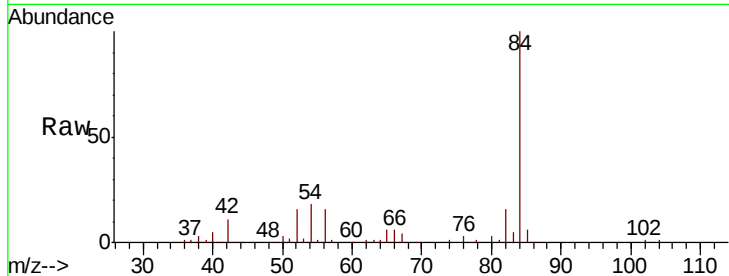




#27
 1,2-Dichloroethane
 Concen: 0.065 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040120.D
 Acq: 14 Sep 2020 15:14

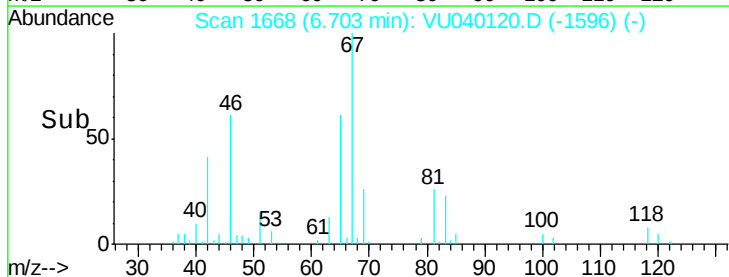
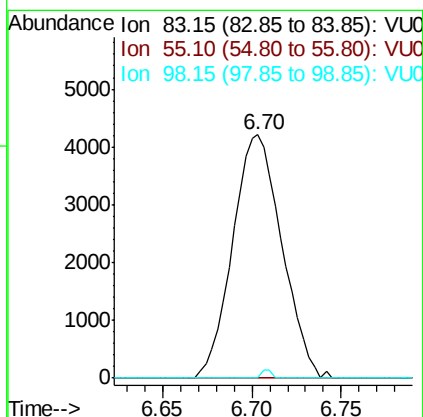
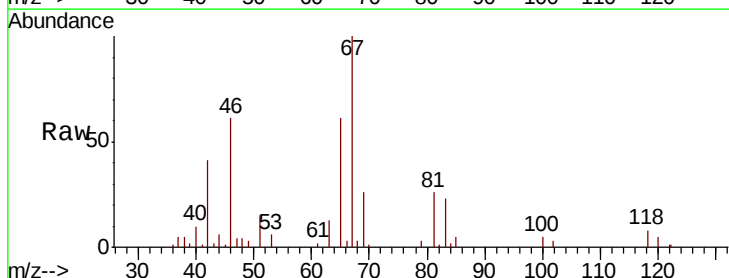
Instrument :
 MSVOA_U
 ClientSampleId :

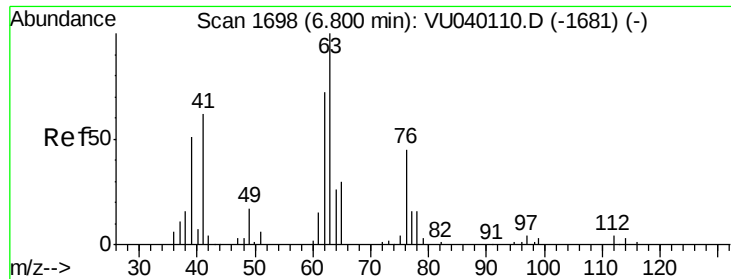
Tot Ion: 62 Resp: 904
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#35
 Methylcyclohexane
 Concen: 0.512 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040120.D
 Acq: 14 Sep 2020 15:14

Tgt Ion: 83 Resp: 8074
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.7 37.8 56.6#

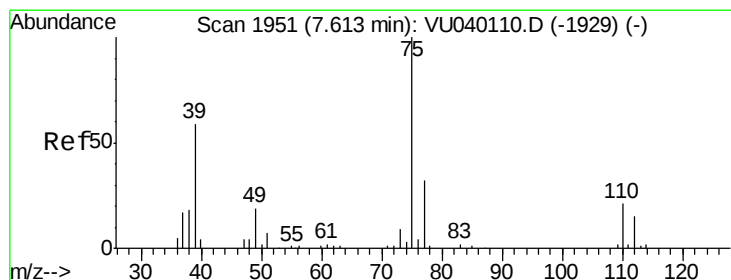
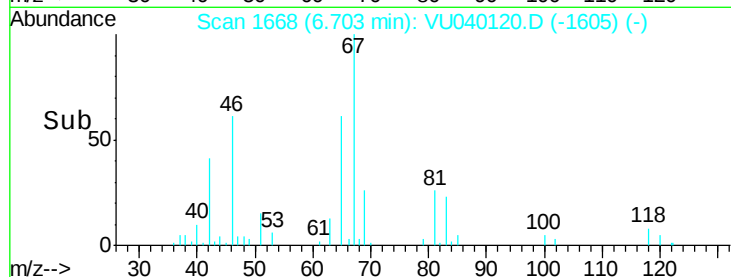
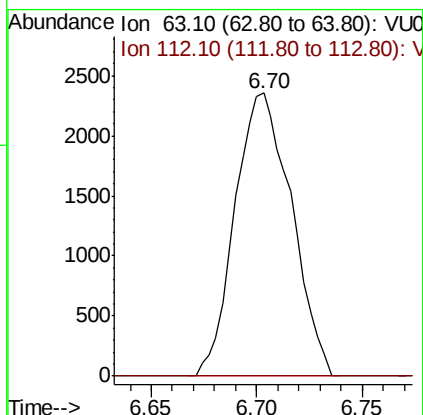
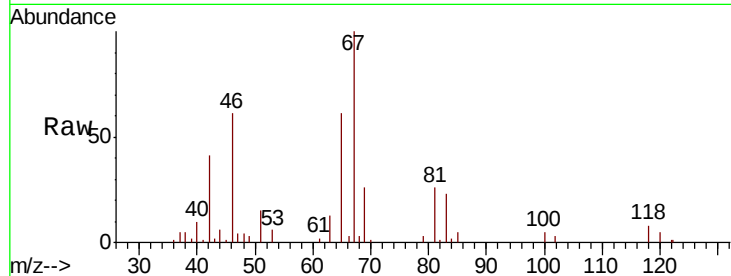




#37
 1,2-Dichloropropane
 Concen: 0.421 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040120.D
 Acq: 14 Sep 2020 15:14

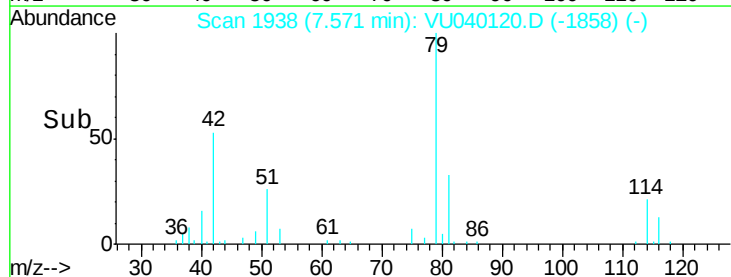
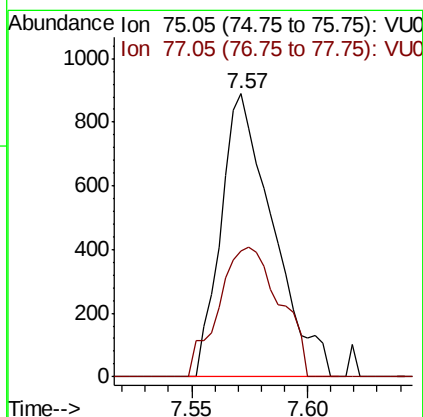
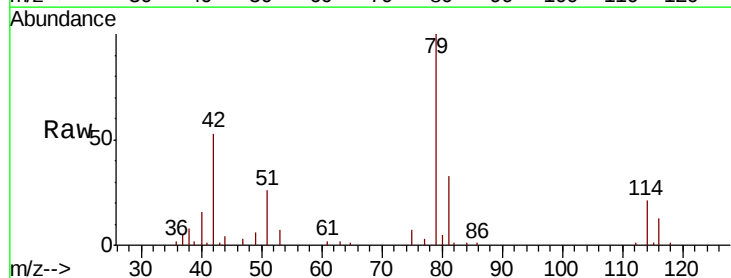
Instrument :
 MSVOA_U
 ClientSampled :

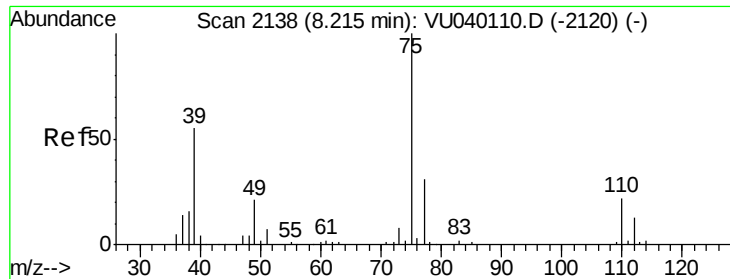
Tot Ion: 63 Resp: 4383
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040120.D
 Acq: 14 Sep 2020 15:14

Tgt Ion: 75 Resp: 1384
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040120.D

Acq: 14 Sep 2020 15:14

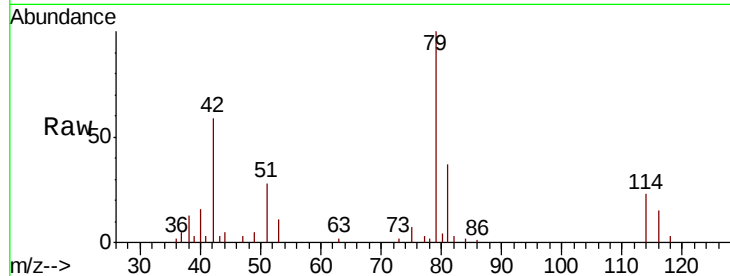
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 868

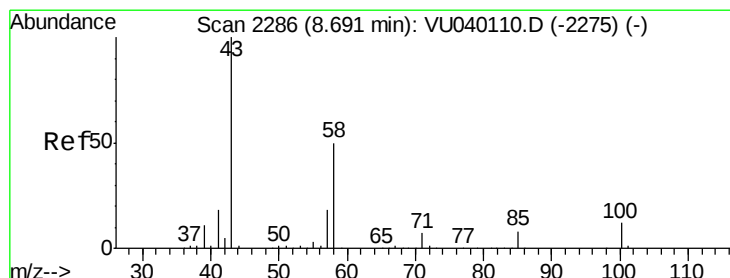
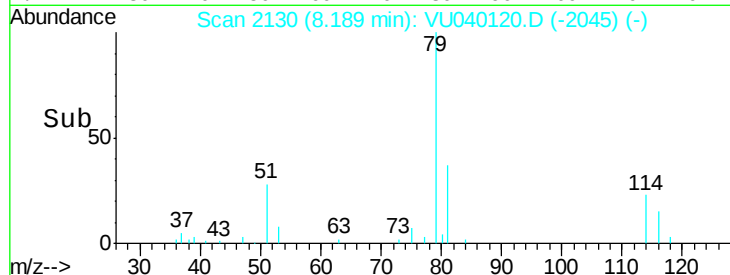
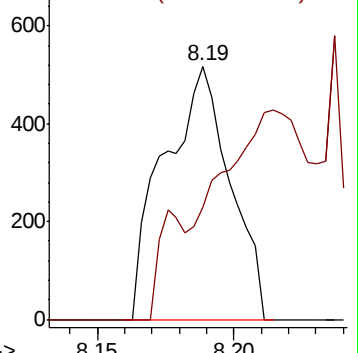
Ion Ratio Lower Upper

75 100

77 44.2 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU040120.D (-2120) (-)



#48

2-Hexanone

Concen: 1.973 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040120.D

Acq: 14 Sep 2020 15:14

Tgt Ion: 43 Resp: 12278

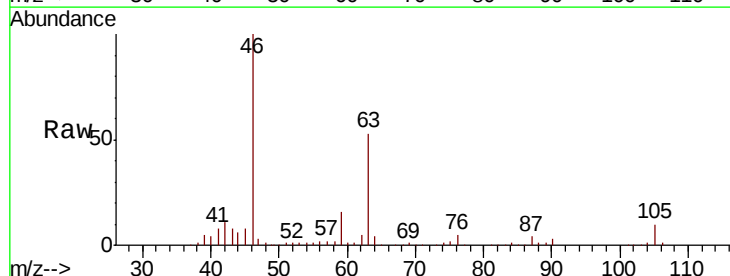
Ion Ratio Lower Upper

43 100

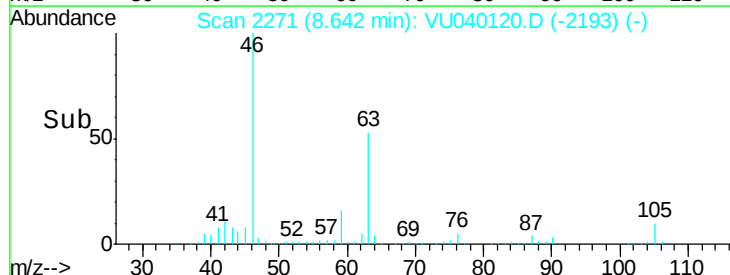
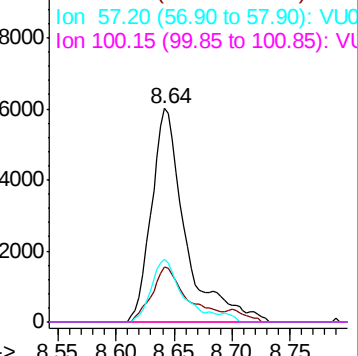
58 27.1 39.6 59.4#

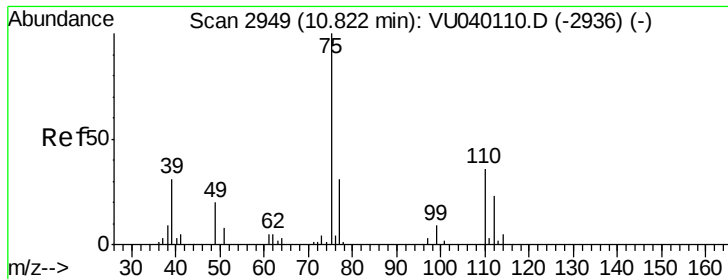
57 28.5 14.3 21.5#

100 0.0 8.0 12.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040120.D (-2193) (-)





#59

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040120.D

Acq: 14 Sep 2020 15:14

Instrument :

MSVOA_U

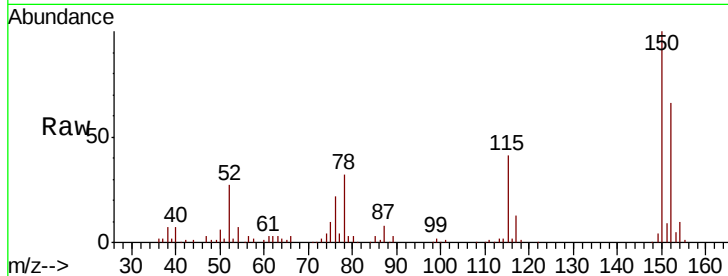
ClientSampled :

Tot Ion: 75 Resp: 7616

Ion Ratio Lower Upper

75 100

77 36.9 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU040110.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040110.D (-2936) (-)

11.81

4000

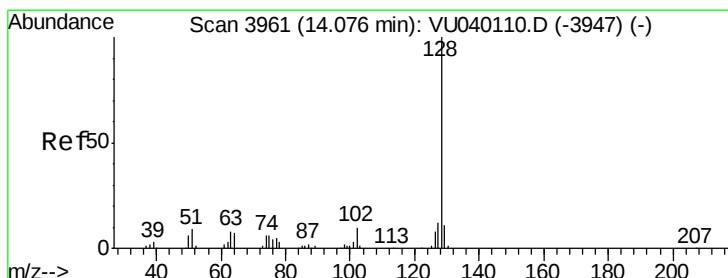
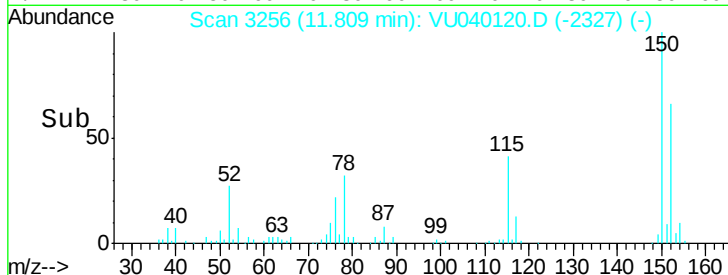
3000

2000

1000

0

Time-->



#69

Naphthalene

Concen: 0.055 ug/L

RT: 14.08 min Scan# 3963

Delta R.T. 0.01 min

Lab File: VU040120.D

Acq: 14 Sep 2020 15:14

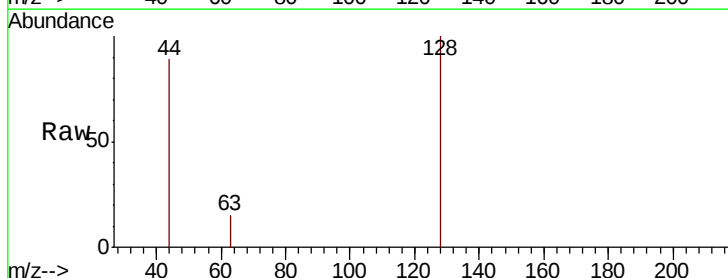
Tgt Ion: 128 Resp: 1236

Ion Ratio Lower Upper

128 100

129 3.4 8.7 13.1#

127 10.7 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): VU040110.D (-3947) (-)

Ion 129.00 (128.70 to 129.70): VU040110.D (-3947) (-)

Ion 127.00 (126.70 to 127.70): VU040110.D (-3947) (-)

14.08

800

600

400

200

0

Time-->

