

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040432.D
 Acq On : 01 Oct 2020 20:18
 Operator : SY/MD
 Sample : L4202-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZQ8

Quant Time: Oct 02 05:27:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115577	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23012	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.92	69	24929	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	39221	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.65	46	158599	55.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.60%
24) Chloroform-d	5.08	84	68475	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	42390	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	114902	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	42834	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	88030	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	15554	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	108946	52.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43488	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45068	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

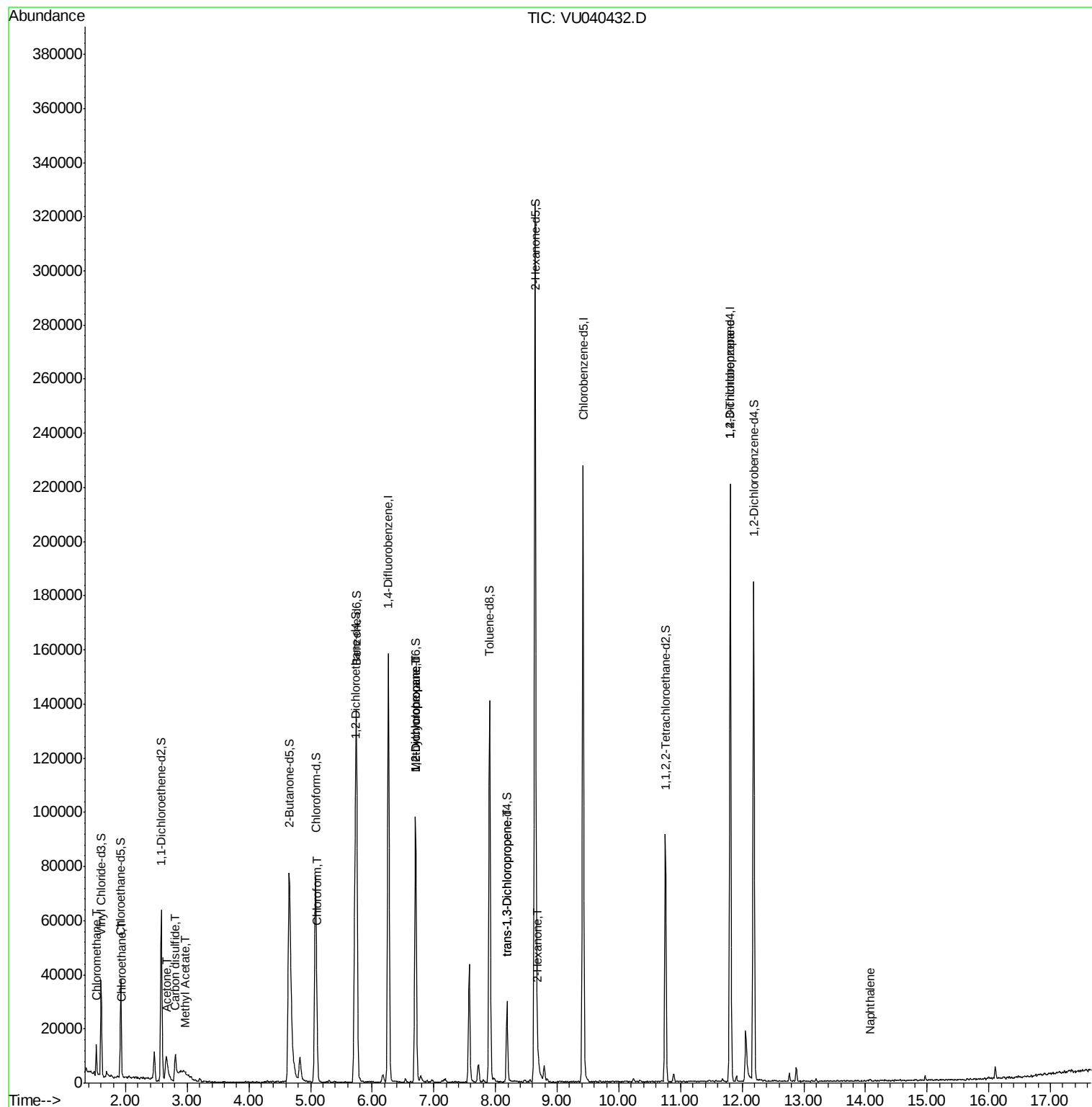
					Ovalue
3) Chloromethane	1.52	50	7256	0.638	ug/L 97
8) Chloroethane	1.94	64	390	0.059	ug/L # 44
13) Acetone	2.67	43	19706	8.320	ug/L 85
14) Carbon disulfide	2.81	76	10776	0.387	ug/L 99
15) Methyl Acetate	2.97	43	876	0.154	ug/L # 56
25) Chloroform	5.11	83	2668	0.140	ug/L 94
35) Methylcyclohexane	6.70	83	10188	0.664	ug/L # 13
37) 1,2-Dichloropropane	6.70	63	5145	0.469	ug/L # 88
44) trans-1,3-Dichloropropene	8.18	75	717	0.053	ug/L # 67
48) 2-Hexanone	8.69	43	3186	0.503	ug/L # 81
59) 1,2,3-Trichloropropane	11.81	75	6940	0.873	ug/L # 86
69) Naphthalene	14.08	128	784	0.046	ug/L # 70

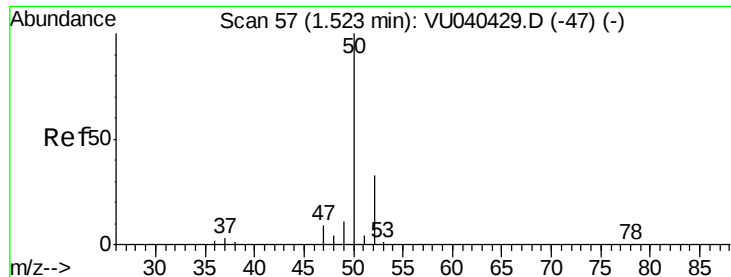
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.638 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU040432.D

Acq: 01 Oct 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

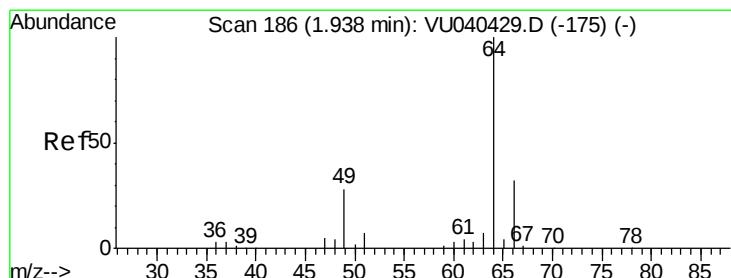
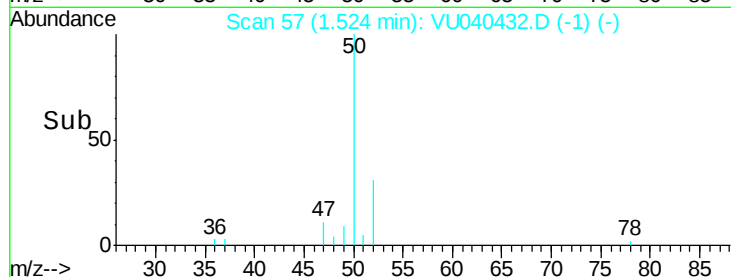
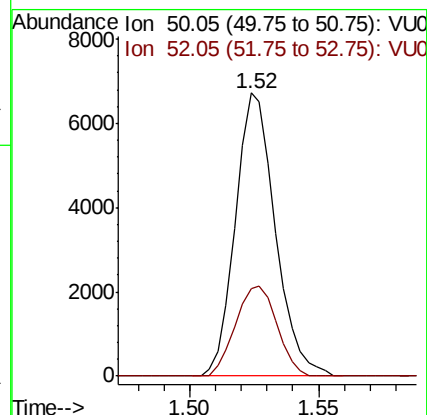
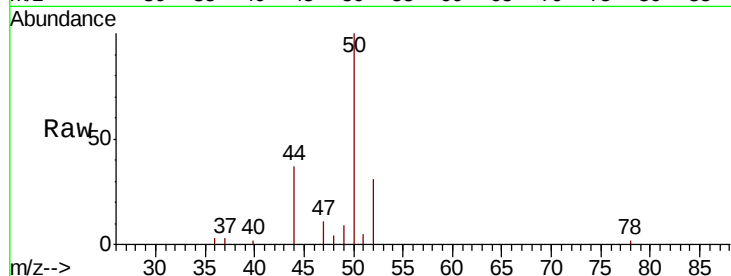
BFZQ8

Tot Ion: 50 Resp: 7256

Ion Ratio Lower Upper

50 100

52 30.9 23.0 42.6



#8

Chloroethane

Concen: 0.059 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU040432.D

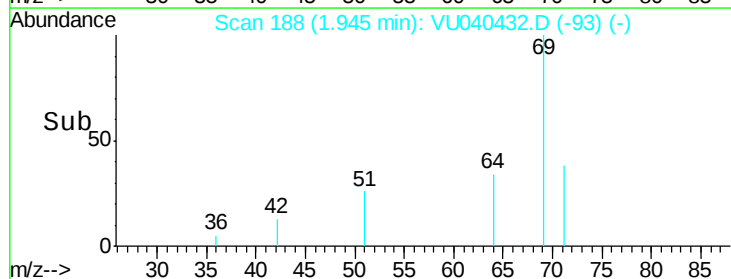
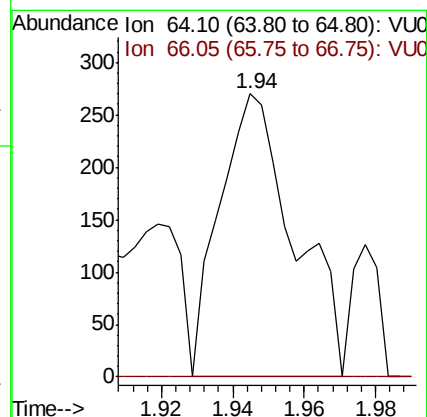
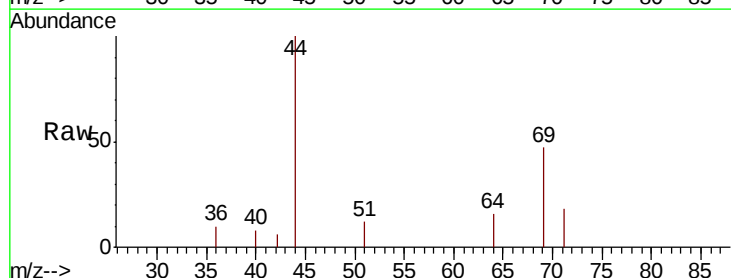
Acq: 01 Oct 2020 20:18

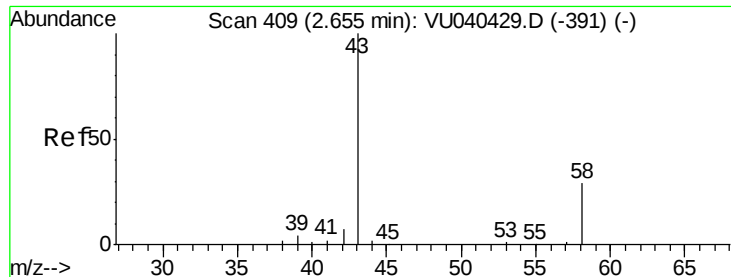
Tgt Ion: 64 Resp: 390

Ion Ratio Lower Upper

64 100

66 0.0 21.3 39.6#





#13

Acetone

Concen: 8.320 ug/L

RT: 2.67 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040432.D

Acq: 01 Oct 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

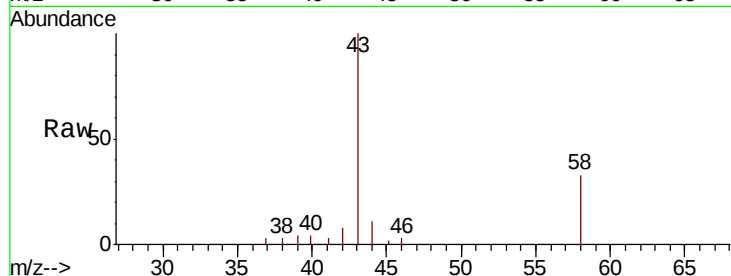
BFZQ8

Tot Ion: 43 Resp: 19706

Ion Ratio Lower Upper

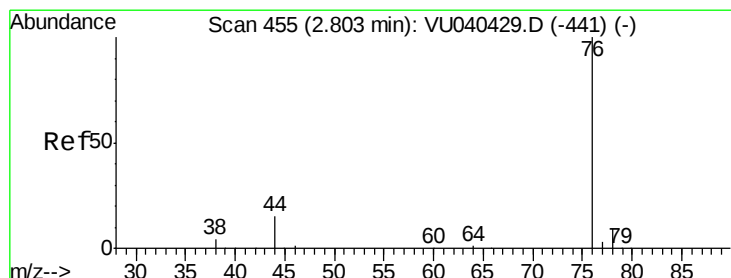
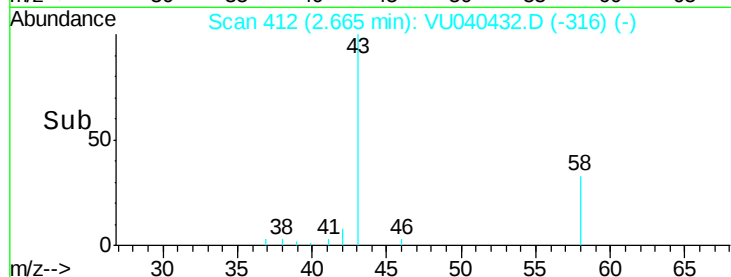
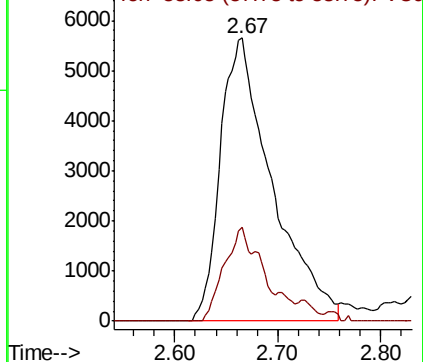
43 100

58 22.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040432.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU040432.D (-316) (-)



#14

Carbon disulfide

Concen: 0.387 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040432.D

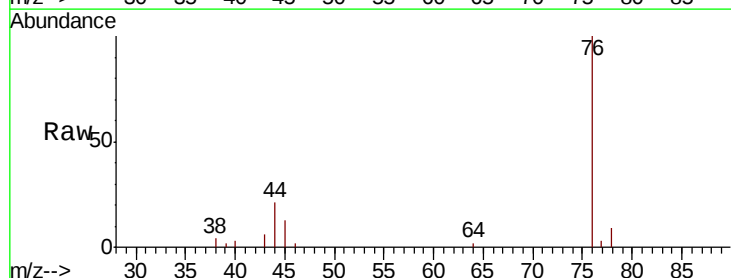
Acq: 01 Oct 2020 20:18

Tgt Ion: 76 Resp: 10776

Ion Ratio Lower Upper

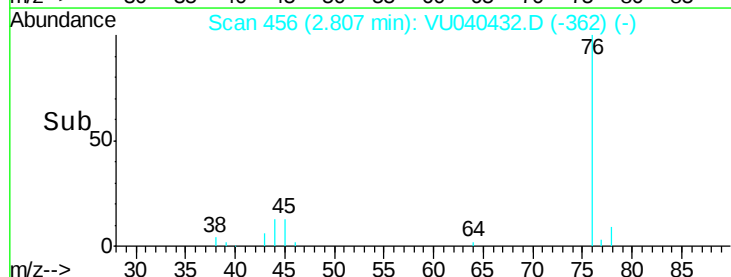
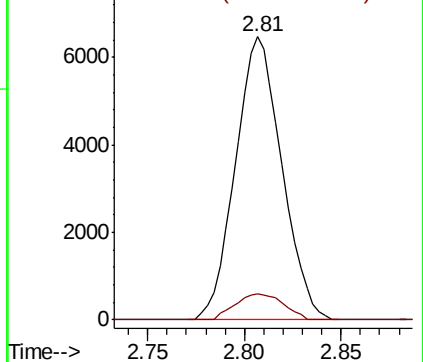
76 100

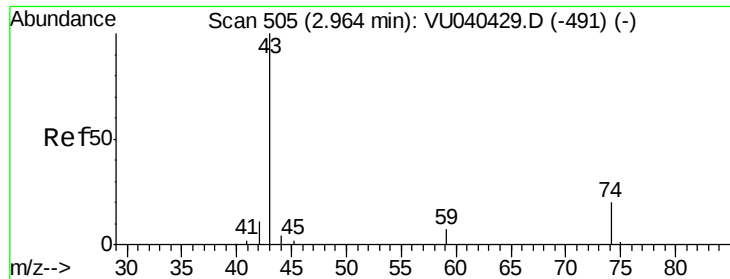
78 9.2 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040432.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VU040432.D (-362) (-)





#15

Methvl Acetate

Concen: 0.154 ug/L

RT: 2.97 min Scan# 507

Delta R.T. 0.01 min

Lab File: VU040432.D

Acq: 01 Oct 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

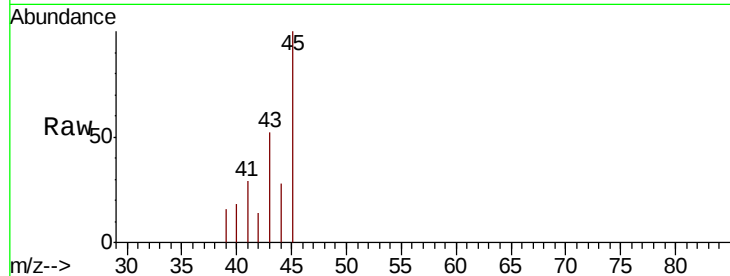
BFZQ8

Tot Ion: 43 Resp: 876

Ion Ratio Lower Upper

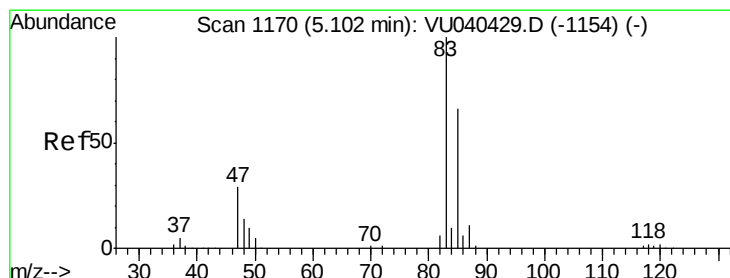
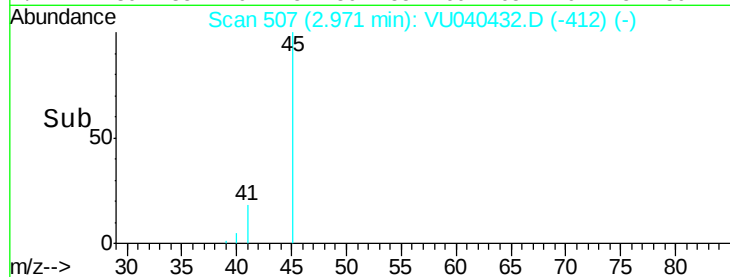
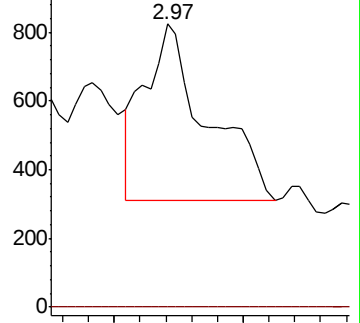
43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#25

Chloroform

Concen: 0.140 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040432.D

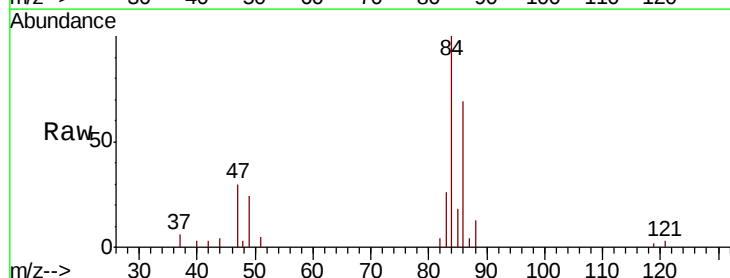
Acq: 01 Oct 2020 20:18

Tgt Ion: 83 Resp: 2668

Ion Ratio Lower Upper

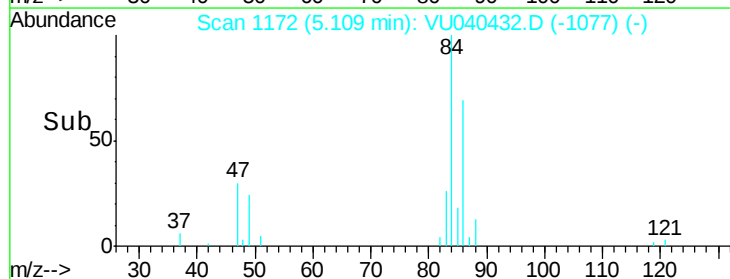
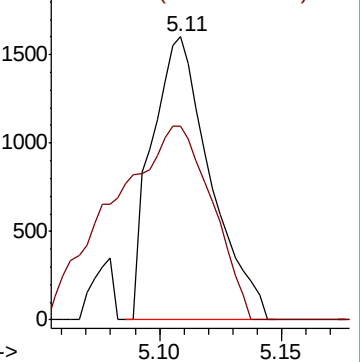
83 100

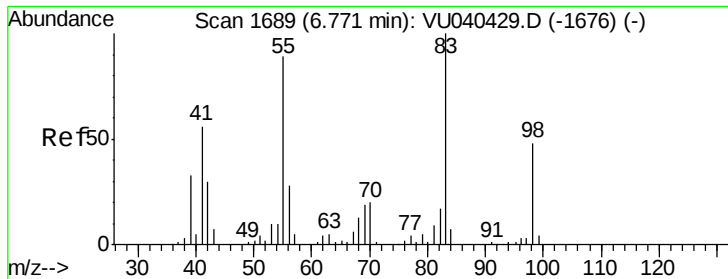
85 68.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

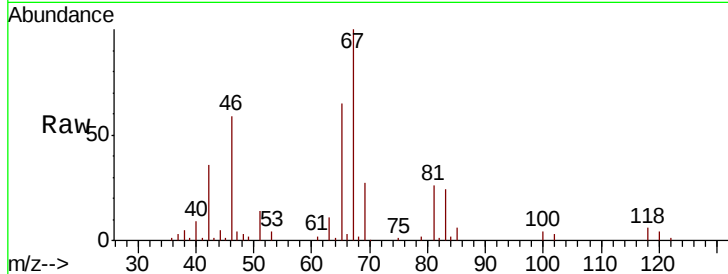




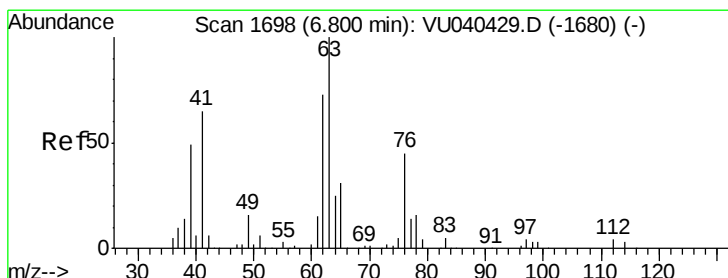
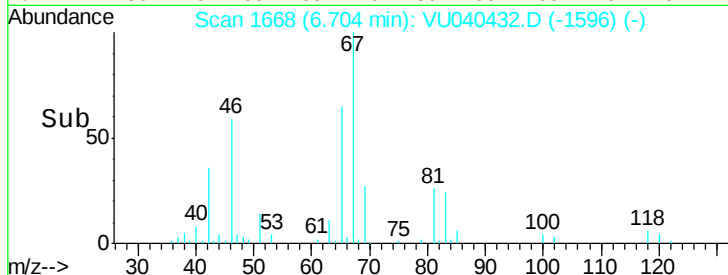
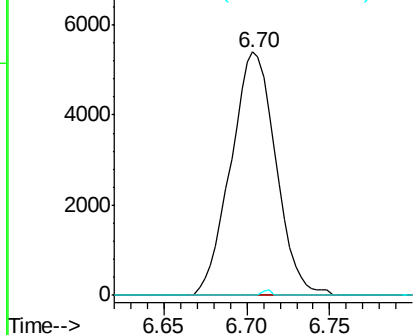
#35
Methvlcvclohexane
Concen: 0.664 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040432.D
Acq: 01 Oct 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
BFZQ8

Tot Ion: 83 Resp: 10188
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.4 38.5 57.7#

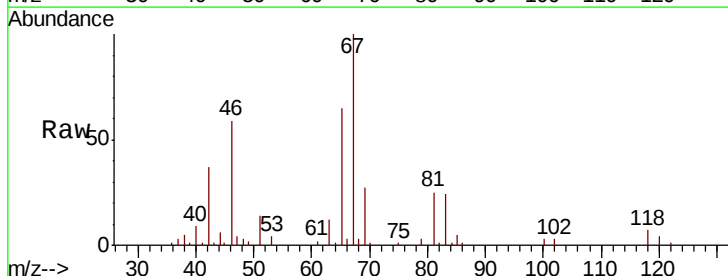


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

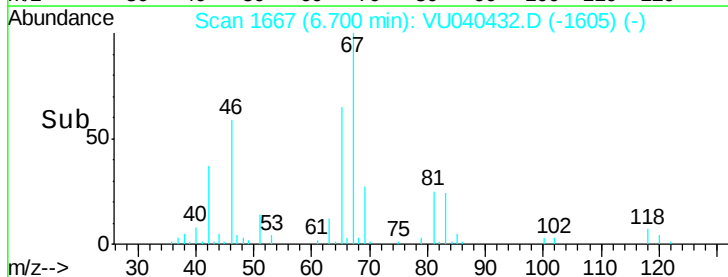
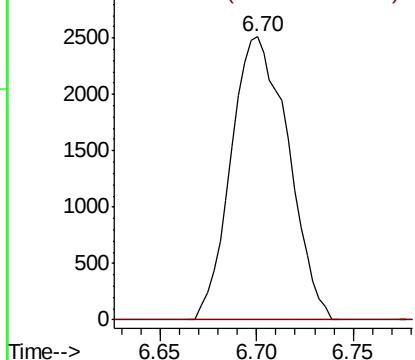


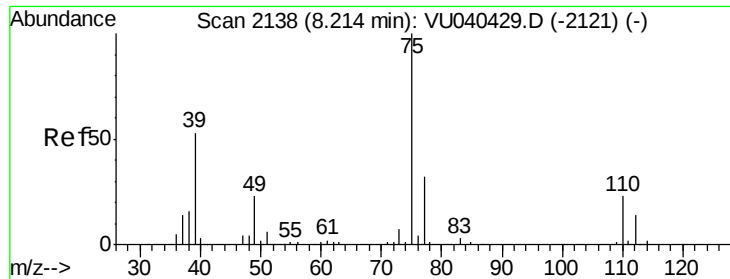
#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040432.D
Acq: 01 Oct 2020 20:18

Tgt Ion: 63 Resp: 5145
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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





#44

trans-1,3-Dichloropropene

Concen: 0.053 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040432.D

Acq: 01 Oct 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

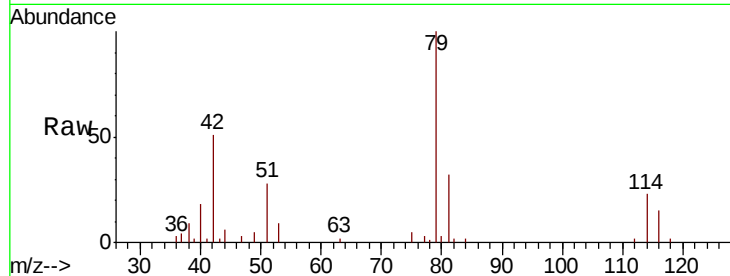
BFZQ8

Tot Ion: 75 Resp: 717

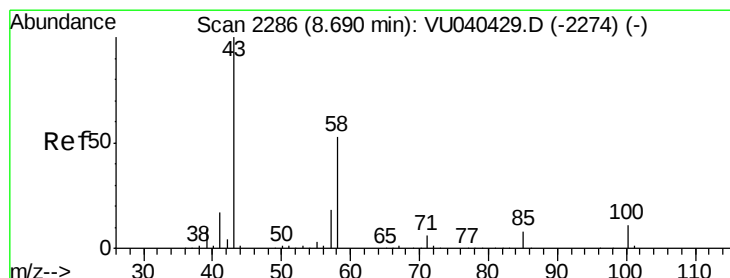
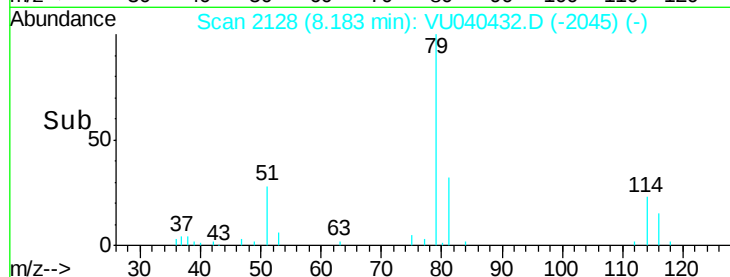
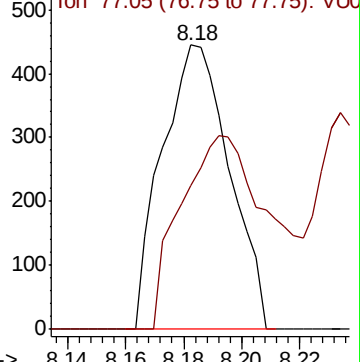
Ion Ratio Lower Upper

75 100

77 50.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040432.D (-2045) (-)



#48

2-Hexanone

Concen: 0.503 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VU040432.D

Acq: 01 Oct 2020 20:18

Tgt Ion: 43 Resp: 3186

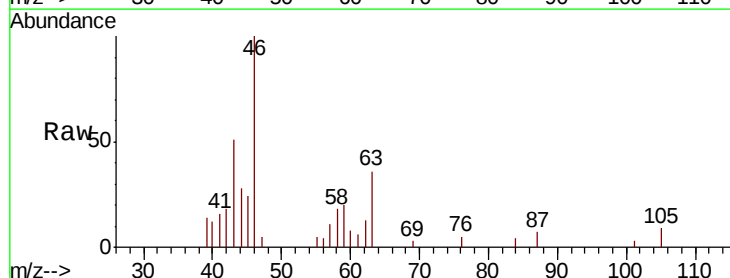
Ion Ratio Lower Upper

43 100

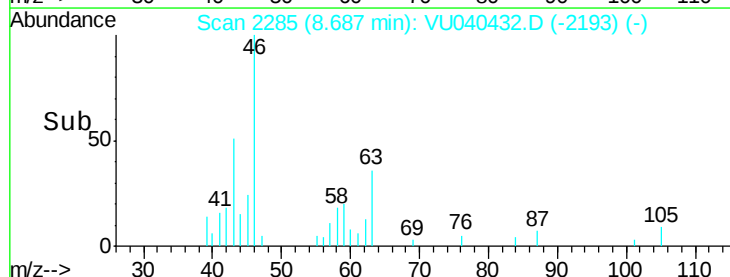
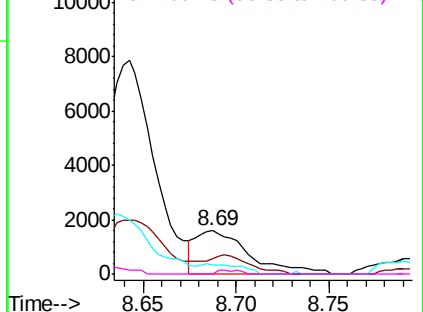
58 33.4 41.0 61.4#

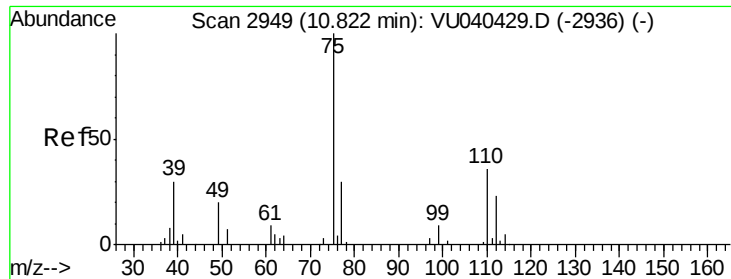
57 17.6 14.6 22.0

100 3.7 8.2 12.4#



Abundance Ion 43.05 (42.75 to 43.75): VU040432.D (-2193) (-)





#59

1,2,3-Trichloropropane

Concen: 0.873 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040432.D

Acq: 01 Oct 2020 20:18

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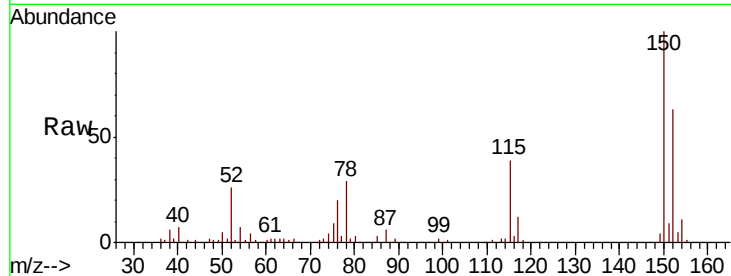
BFZQ8

Tot Ion: 75 Resp: 6940

Ion Ratio Lower Upper

75 100

77 40.0 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU040432.D (-3256) (-)

Ion 77.00 (76.70 to 77.70): VU040432.D (-3256) (-)

11.81

4000

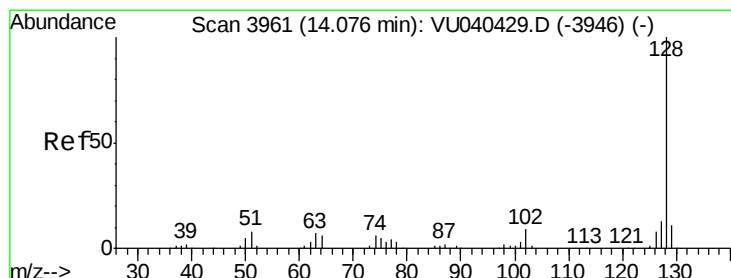
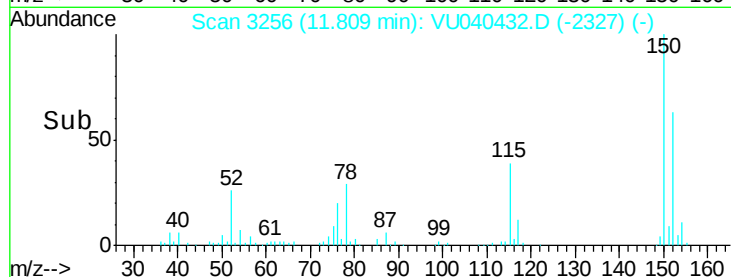
3000

2000

1000

0

Time-->



#69

Naphthalene

Concen: 0.046 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040432.D

Acq: 01 Oct 2020 20:18

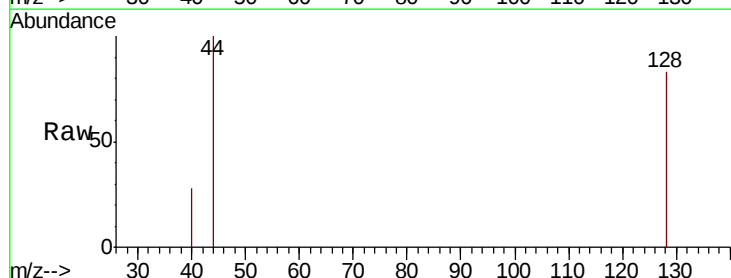
Tgt Ion: 128 Resp: 784

Ion Ratio Lower Upper

128 100

129 0.0 8.2 12.4#

127 0.0 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): VU040432.D (-3961) (-)

Ion 129.00 (128.70 to 129.70): VU040432.D (-3961) (-)

Ion 127.00 (126.70 to 127.70): VU040432.D (-3961) (-)

14.08

800

600

400

200

0

Time-->

