

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040972.D
 Acq On : 27 Oct 2020 03:26
 Operator : SY/MD
 Sample : L4492-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP8

Quant Time: Oct 27 05:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56676	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23793	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.92	69	18856	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	36285	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.67	46	82397	52.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	5.08	84	41653	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	25902	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	76646	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	25882	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	59882	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.19	79	10251	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	58077	48.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23203	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23667	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

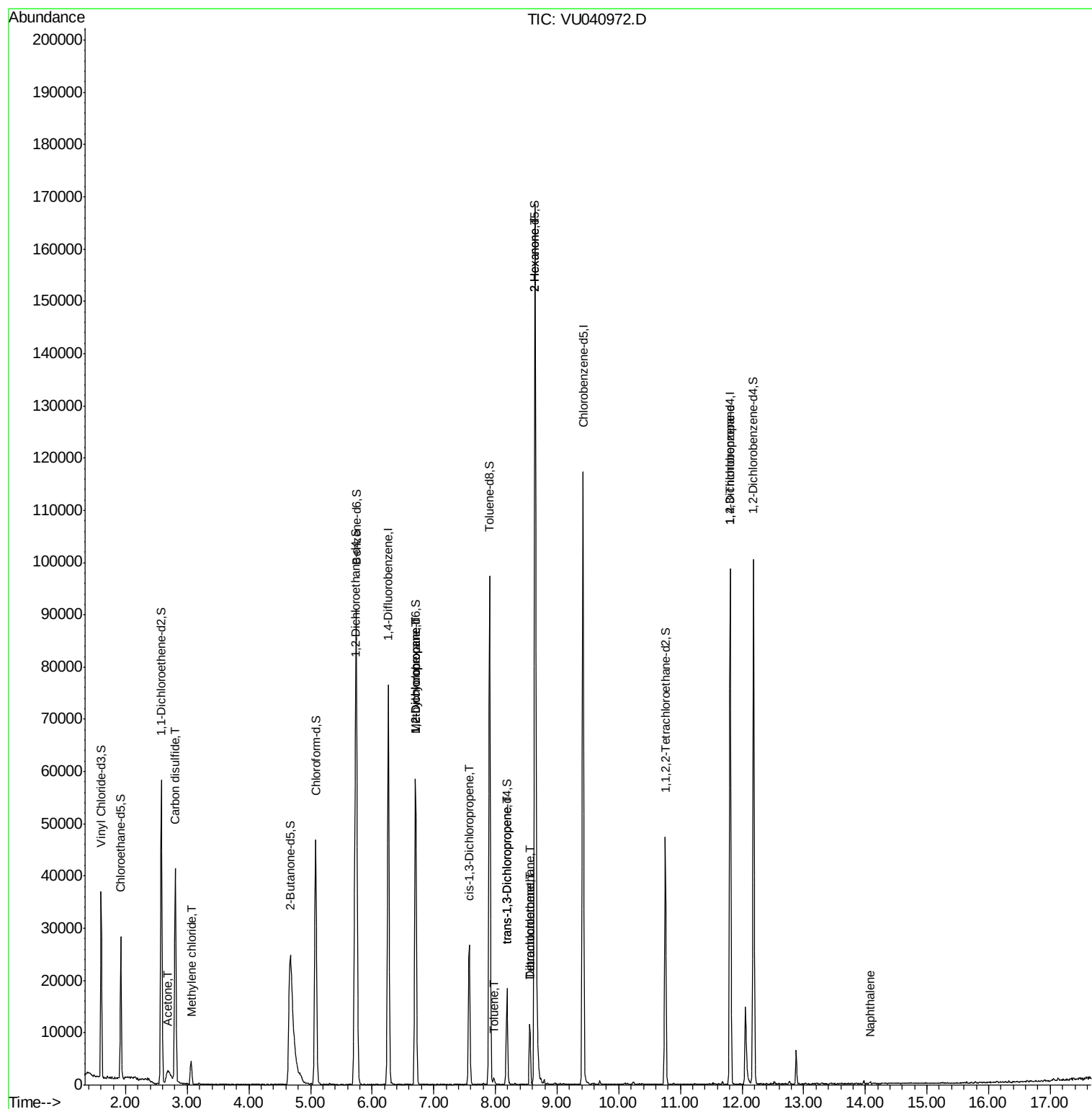
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	4242	3.957	ug/L	73
14) Carbon disulfide	2.81	76	50139	3.748	ug/L	100
16) Methylene chloride	3.06	84	2049	0.439	ug/L	94
35) Methylcyclohexane	6.70	83	6056	0.906	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2987	0.627	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	577	0.088	ug/L #	76
42) Toluene	7.98	91	1072	0.060	ug/L	80
44) trans-1,3-Dichloropropene	8.19	75	448	0.073	ug/L	86
47) Tetrachloroethene	8.56	164	2331	0.707	ug/L	94
48) 2-Hexanone	8.64	43	9604	3.358	ug/L #	71
49) Dibromochloromethane	8.56	129	2428	0.590	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3182	0.896	ug/L #	85
69) Naphthalene	14.08	128	426	0.061	ug/L #	69

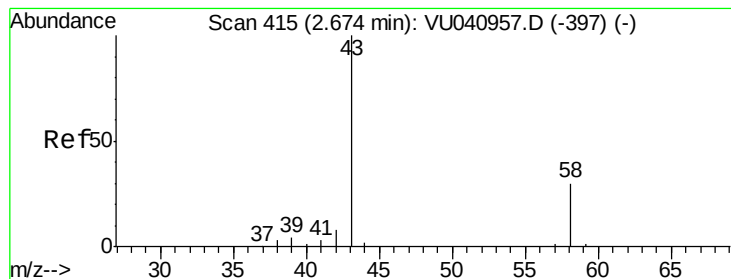
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.957 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Instrument :

MSVOA_U

ClientSampled :

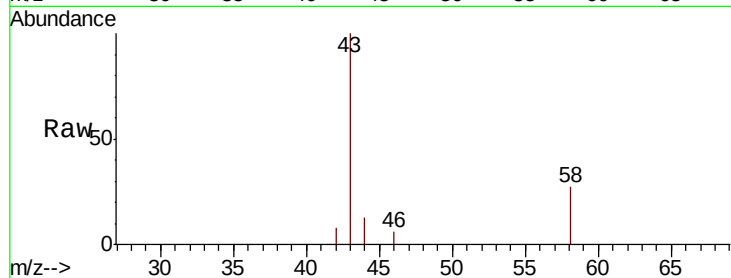
C0AP8

Tot Ion: 43 Resp: 4242

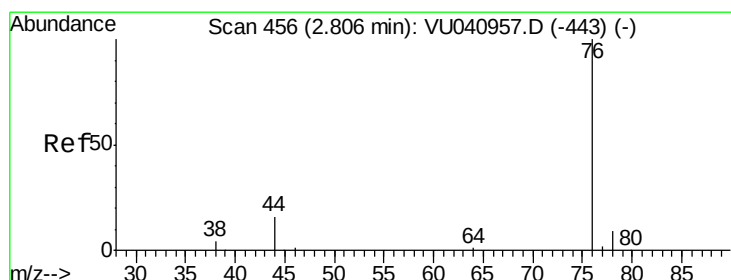
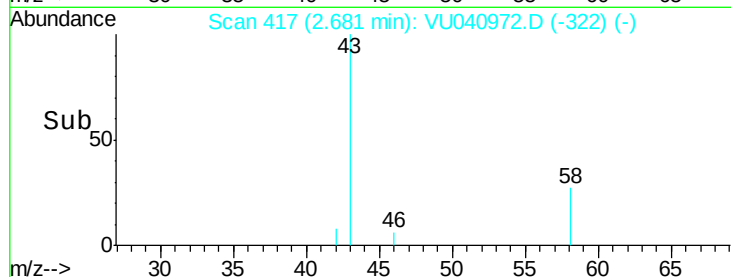
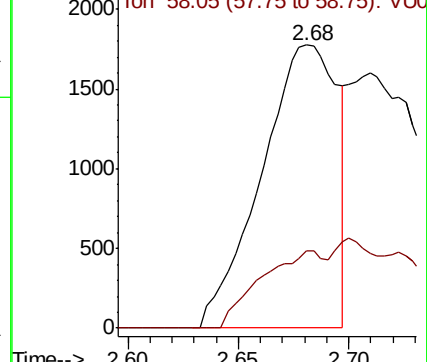
Ion Ratio Lower Upper

43 100

58 23.5 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU040972.D (-322) (-)



#14

Carbon disulfide

Concen: 3.748 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040972.D

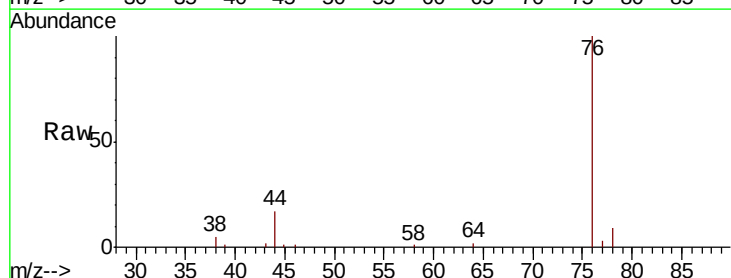
Acq: 27 Oct 2020 03:26

Tgt Ion: 76 Resp: 50139

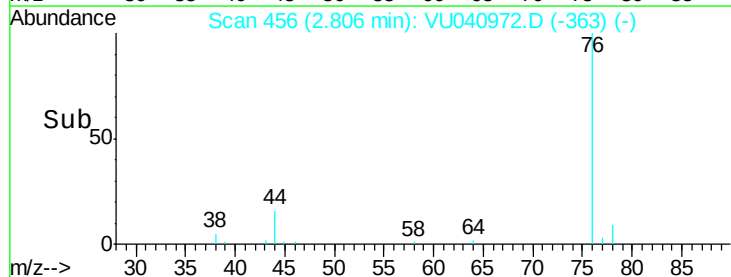
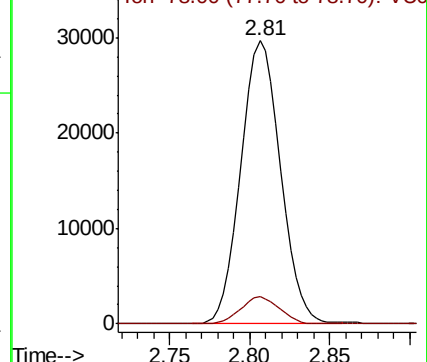
Ion Ratio Lower Upper

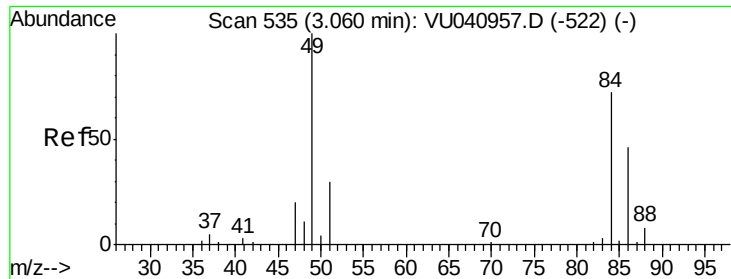
76 100

78 9.5 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU040972.D (-363) (-)

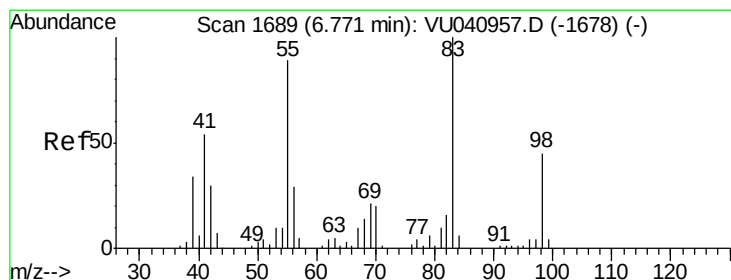
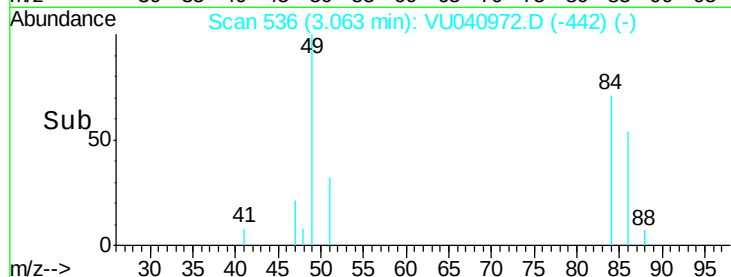
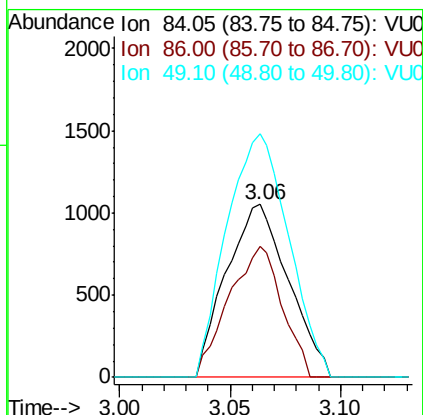
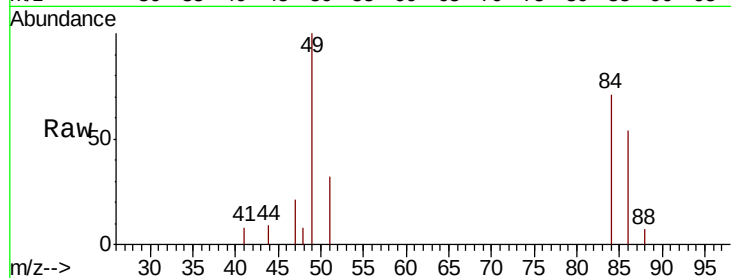




#16
Methylene chloride
Concen: 0.439 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040972.D
Acq: 27 Oct 2020 03:26

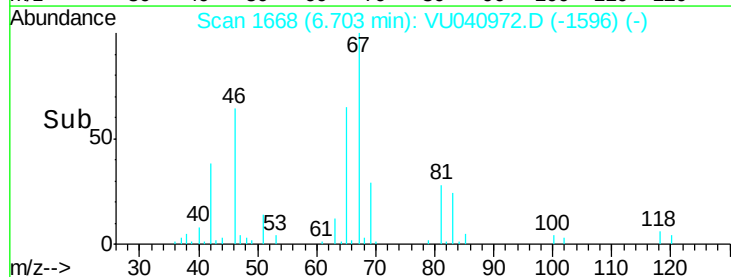
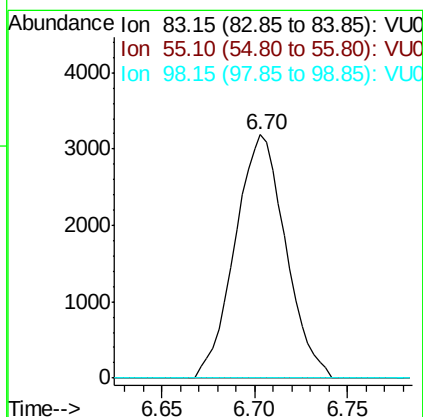
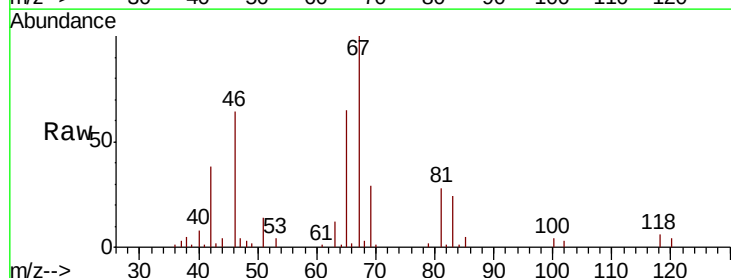
Instrument :
MSVOA_U
ClientSampleId :
C0AP8

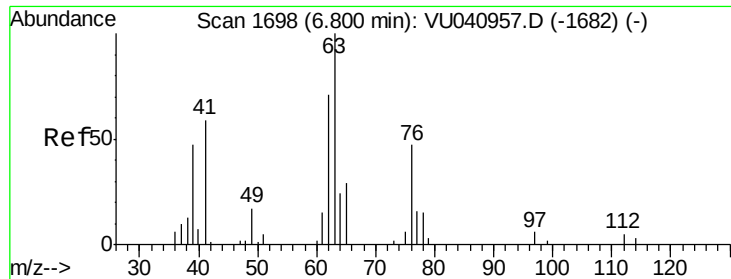
Tot Ion: 84 Resp: 2049
Ion Ratio Lower Upper
84 100
86 75.8 42.8 79.6
49 140.9 99.5 184.7



#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040972.D
Acq: 27 Oct 2020 03:26

Tgt Ion: 83 Resp: 6056
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

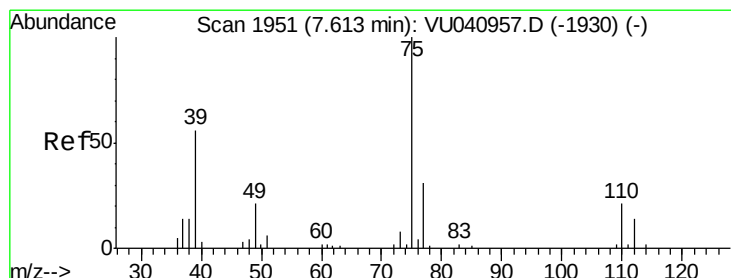
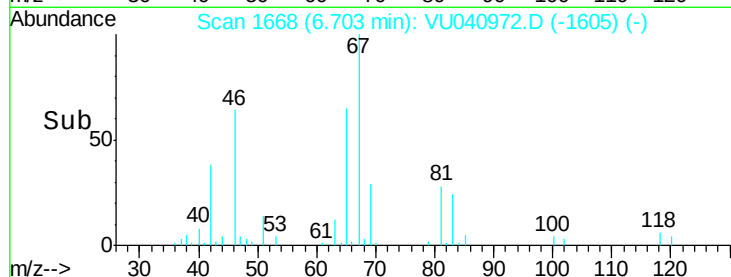
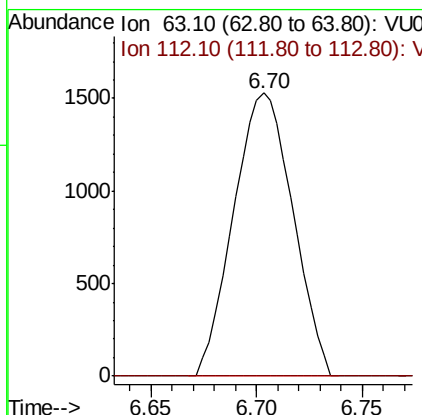
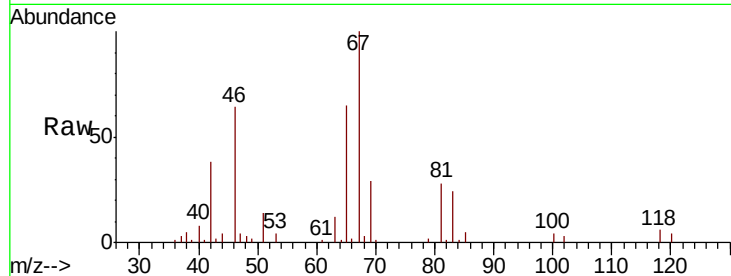




#37
 1,2-Dichloropropane
 Concen: 0.627 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040972.D
 Acq: 27 Oct 2020 03:26

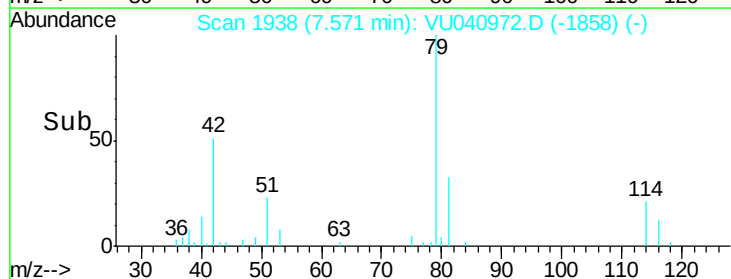
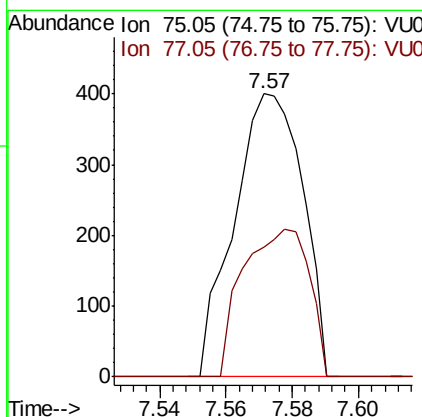
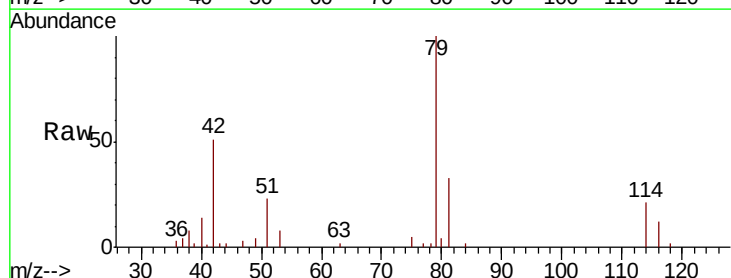
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP8

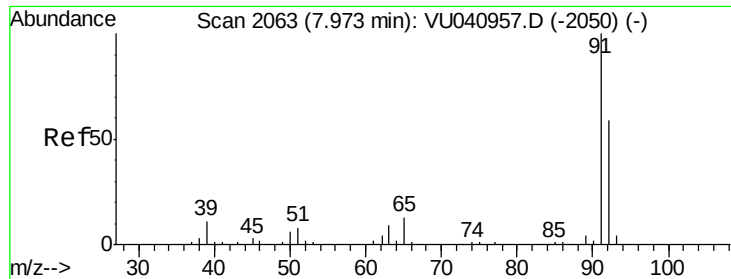
Tot Ion: 63 Resp: 2987
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040972.D
 Acq: 27 Oct 2020 03:26

Tgt Ion: 75 Resp: 577
 Ion Ratio Lower Upper
 75 100
 77 45.7 22.7 42.3#





#42

Toluene

Concen: 0.060 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Instrument :

MSVOA_U

ClientSampleId :

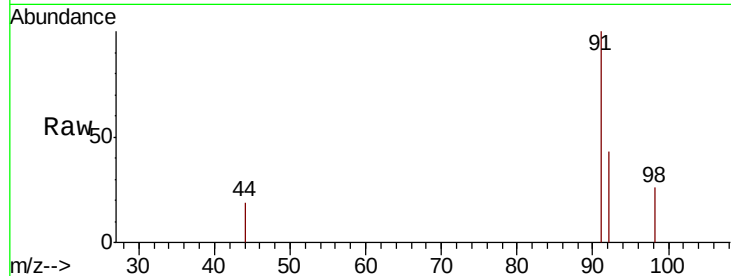
C0AP8

Tot Ion: 91 Resp: 1072

Ion Ratio Lower Upper

91 100

92 42.9 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

800

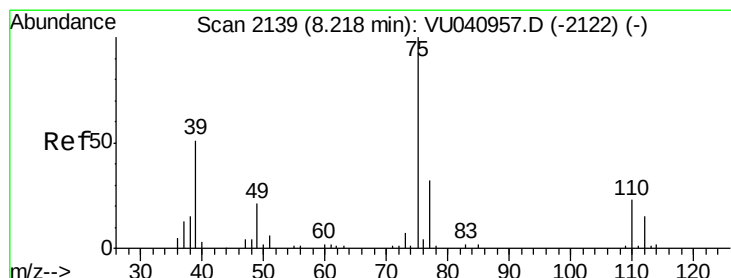
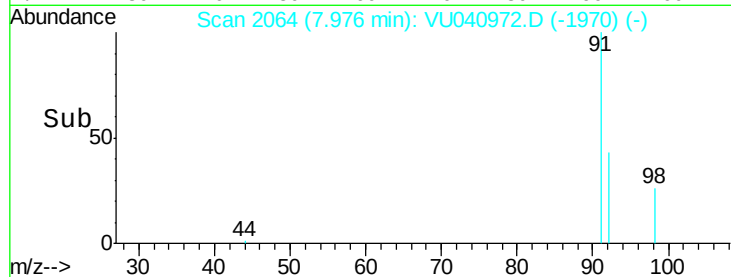
600

400

200

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040972.D

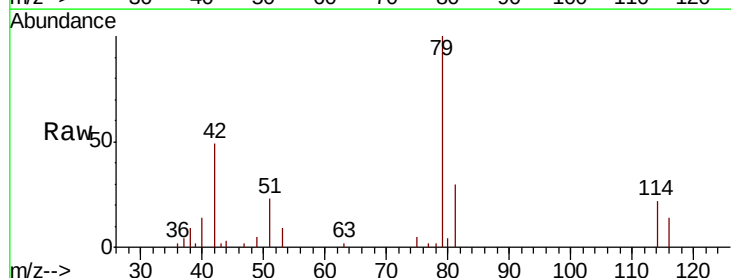
Acq: 27 Oct 2020 03:26

Tgt Ion: 75 Resp: 448

Ion Ratio Lower Upper

75 100

77 41.5 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

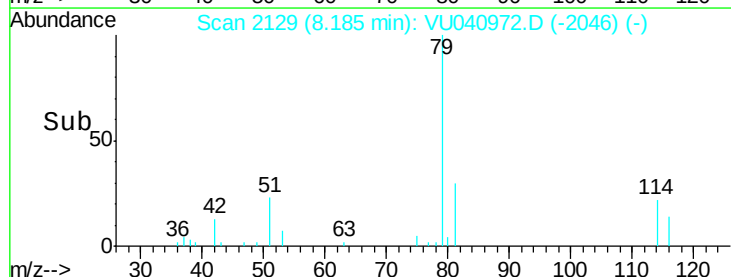
300

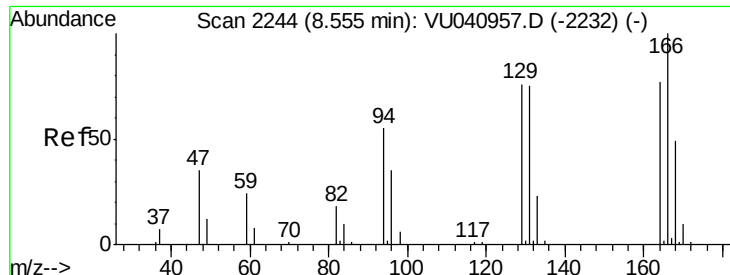
200

100

0

Time-->





#47

Tetrachloroethene

Concen: 0.707 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Instrument :

MSVOA_U

ClientSampled :

C0AP8

Tot Ion:164 Resp: 2331

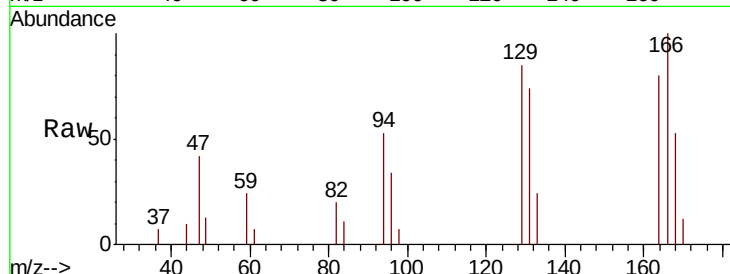
Ion Ratio Lower Upper

164 100

129 105.9 70.3 130.7

131 92.4 70.8 131.4

166 125.1 92.0 170.8

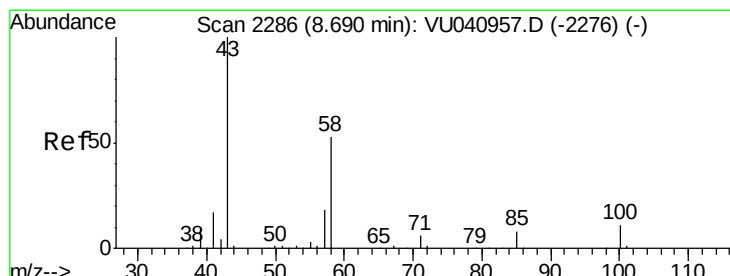
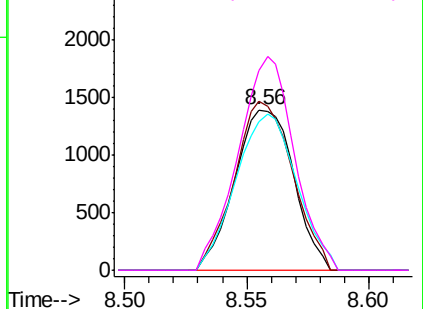
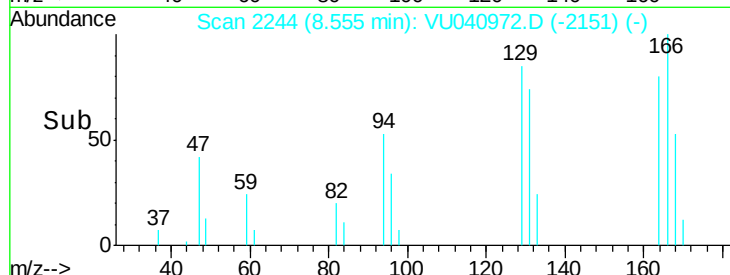


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.358 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Tgt Ion: 43 Resp: 9604

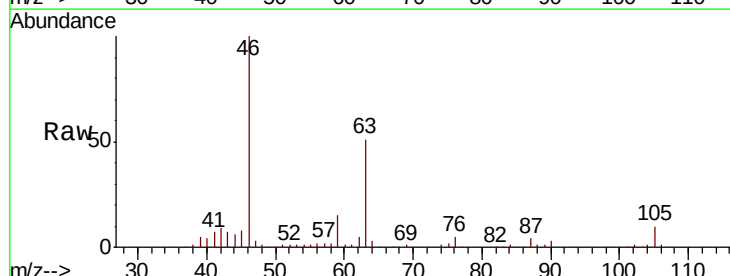
Ion Ratio Lower Upper

43 100

58 28.4 41.4 62.2#

57 25.9 14.6 21.8#

100 0.0 8.3 12.5#

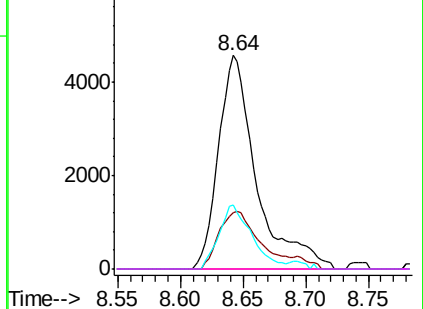
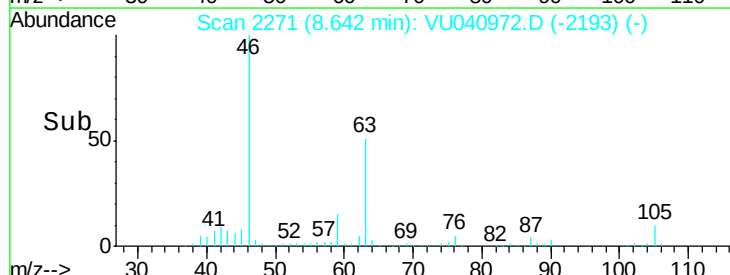


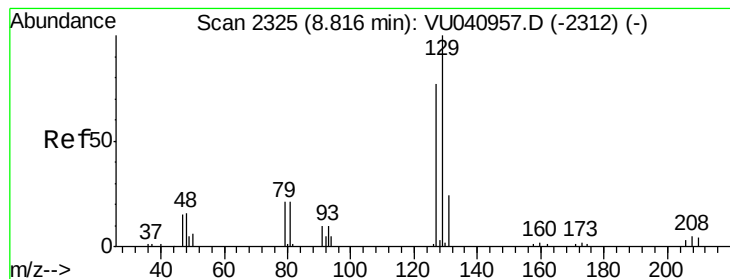
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 0.590 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Instrument :

MSVOA_U

ClientSampled :

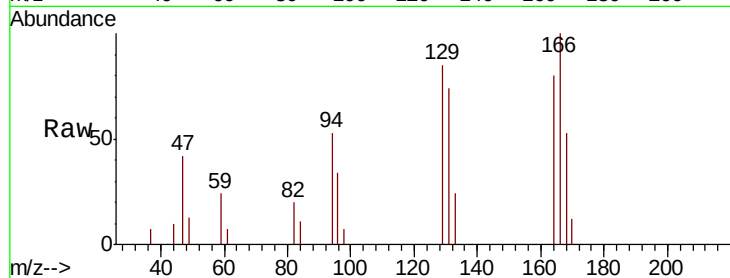
C0AP8

Tot Ion:129 Resp: 2428

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

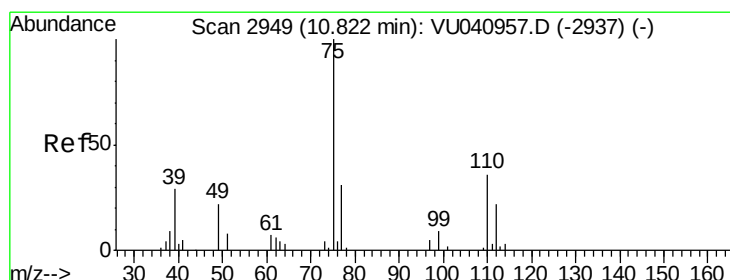
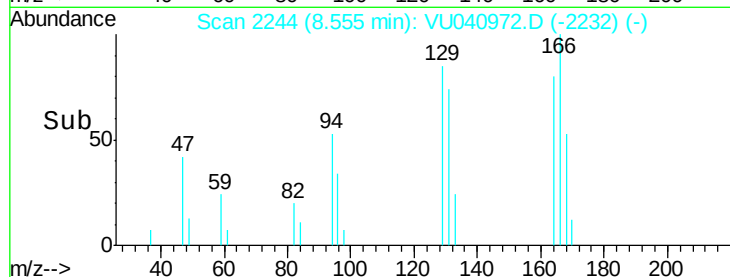
1500

1000

500

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 0.896 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040972.D

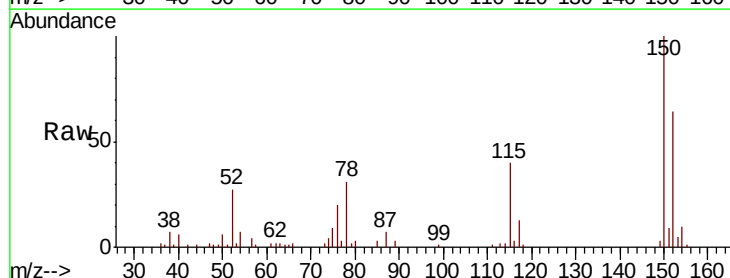
Acq: 27 Oct 2020 03:26

Tgt Ion: 75 Resp: 3182

Ion Ratio Lower Upper

75 100

77 40.6 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

2500

2000

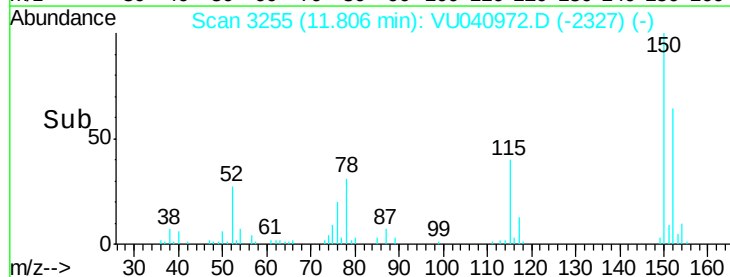
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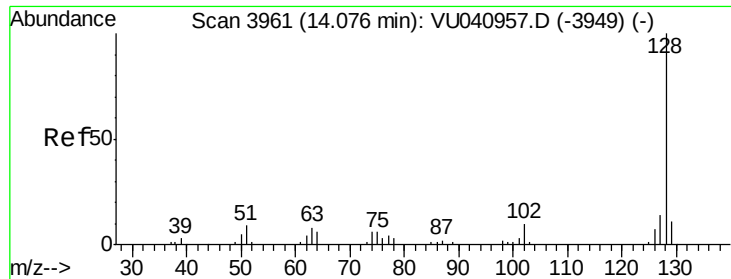
1000

500

0

Time--> 11.75 11.80 11.85





#69

Naphthalene

Concen: 0.061 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040972.D

Acq: 27 Oct 2020 03:26

Instrument :

MSVOA_U

ClientSampleId :

C0AP8

Tot Ion:128 Resp: 426

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#

