

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100220\
 Data File : VU040461.D
 Acq On : 02 Oct 2020 15:19
 Operator : SY/MD
 Sample : L4240-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133912	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33652	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.92	69	27721	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	63	52772	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.65	46	140375	42.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.26%
24) Chloroform-d	5.08	84	70736	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	43827	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.75	84	137844	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.70	67	45902	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	116614	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	8.19	79	19103	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.64	63	97679	44.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39915	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	52600	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	899	0.069 ug/L #	1
8) Chloroethane	2.01	64	822	0.107 ug/L #	52
13) Acetone	2.61	43	22036	8.030 ug/L	55
14) Carbon disulfide	2.80	76	2893	0.090 ug/L #	90
15) Methyl Acetate	3.10	43	13548236	2049.994 ug/L #	56
16) Methylene chloride	3.04	84	6573	0.513 ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	3152	0.112 ug/L #	1
19) 1,1-Dichloroethane	3.89	63	7736	0.357 ug/L	99
21) 2-Butanone	4.56	43	1565188	355.346 ug/L #	51
22) cis-1,2-Dichloroethene	4.69	96	1385	0.119 ug/L #	87
25) Chloroform	5.15	83	2886	0.131 ug/L #	19
29) 1,1,1-Trichloroethane	5.34	97	12666	0.737 ug/L	98
30) Cyclohexane	5.41	56	699274	39.354 ug/L	99
31) Carbon tetrachloride	5.34	117	1424	0.097 ug/L	97
35) Methylcyclohexane	6.78	83	8322	0.507 ug/L	93
37) 1,2-Dichloropropane	6.70	63	5169	0.440 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1315	0.084 ug/L #	50

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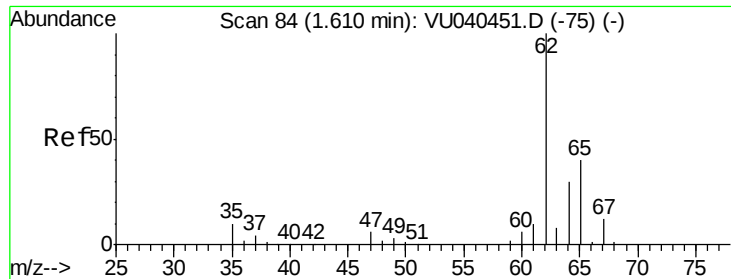
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.98	91	66532	1.539	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	1076	0.074	ug/L	89
45) 1,1,2-Trichloroethane	8.38	97	556	0.068	ug/L #	13
48) 2-Hexanone	8.69	43	3785	0.559	ug/L #	91
51) Chlorobenzene	9.45	112	2256	0.081	ug/L	93
52) Ethylbenzene	9.57	91	21880	0.466	ug/L	98
53) m,p-Xylene	9.69	106	22159	1.268	ug/L	92
54) o-Xylene	10.10	106	5489	0.334	ug/L	95
56) Isopropylbenzene	10.48	105	55659	1.255	ug/L	100
59) 1,2,3-Trichloropropane	10.91	75	5141	0.604	ug/L #	1
62) 1,3-Dichlorobenzene	11.74	146	1972	0.088	ug/L	88
63) 1,4-Dichlorobenzene	11.83	146	10380	0.448	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	3498	0.161	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	2138	1.094	ug/L #	10
67) 1,3,5-Trichlorobenzene	13.83	180	213476	13.410	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	213476	16.689	ug/L	100
69) Naphthalene	14.07	128	12014	0.550	ug/L #	95
70) 1,2,3-Trichlorobenzene	14.32	180	45826	3.915	ug/L	100

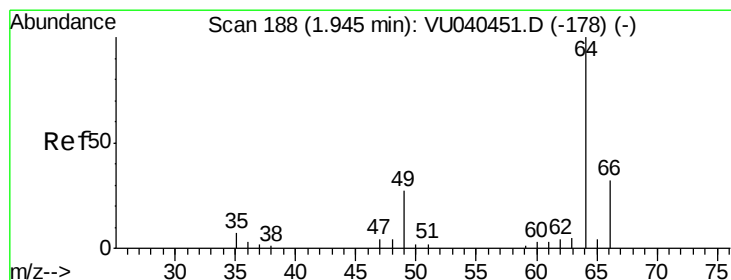
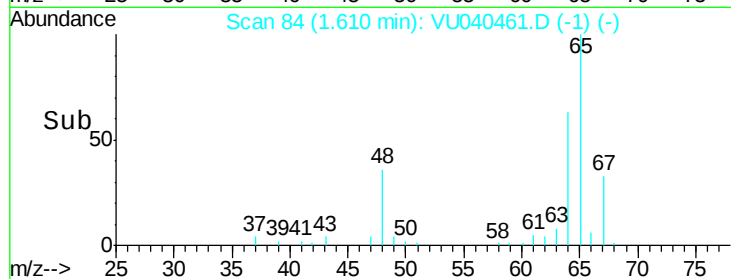
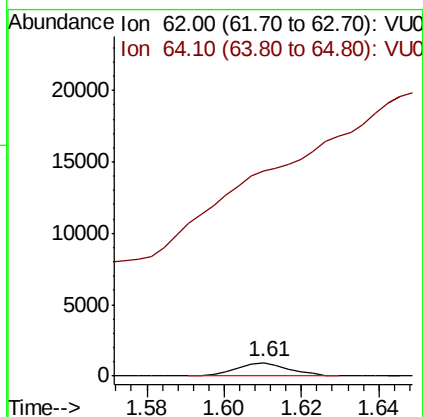
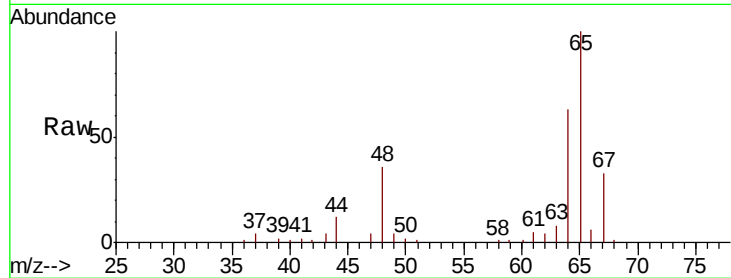
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.069 ug/L
 RT: 1.61 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

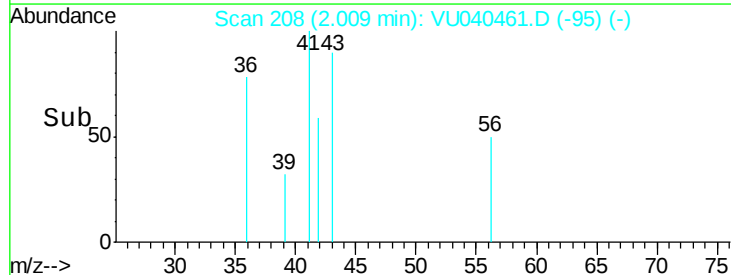
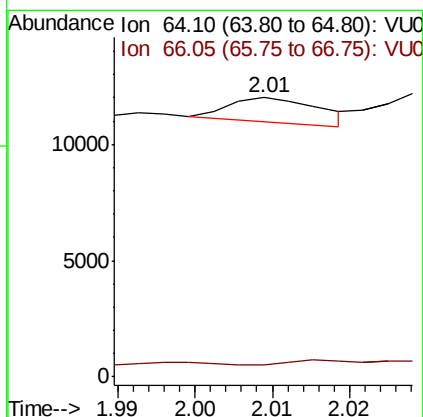
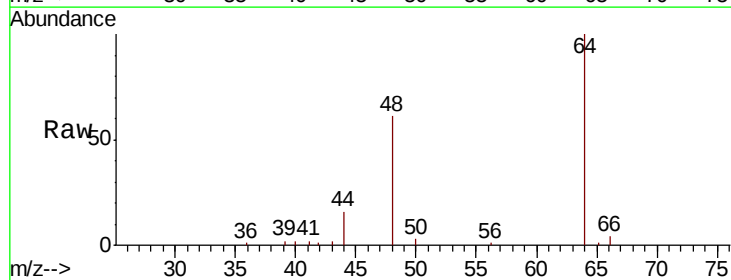
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 MSVOA_U
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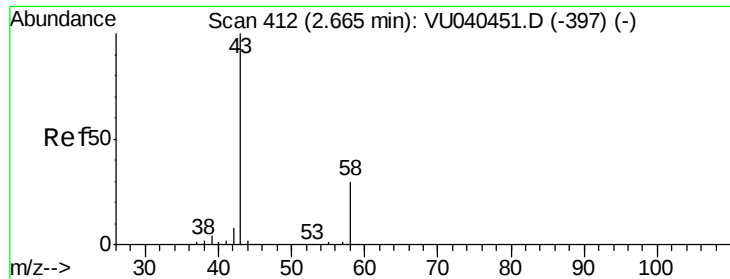
Tot Ion: 62 Resp: 899
 Ion Ratio Lower Upper
 62 100
 64 1515.5 23.0 42.8#



#8
 Chloroethane
 Concen: 0.107 ug/L
 RT: 2.01 min Scan# 208
 Delta R.T. 0.06 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Tgt Ion: 64 Resp: 822
 Ion Ratio Lower Upper
 64 100
 66 4.4 21.3 39.6#





#13

Acetone

Concen: 8.030 ug/L

RT: 2.61 min Scan# 395

Delta R.T. -0.05 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

Instrument :

MSVOA_U

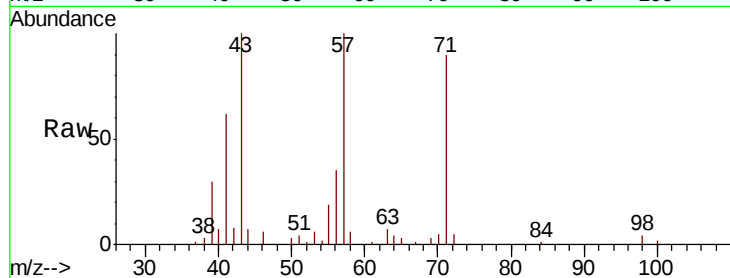
ClientSampleId :

Tot Ion: 43 Resp: 22036

Ion Ratio Lower Upper

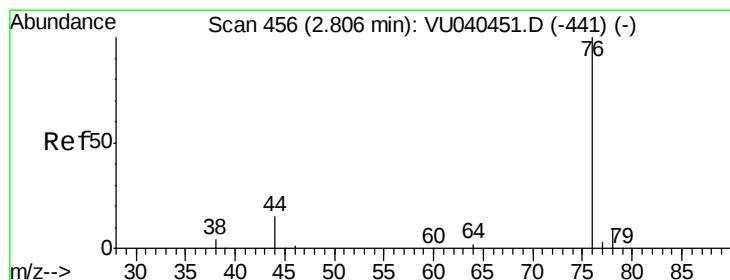
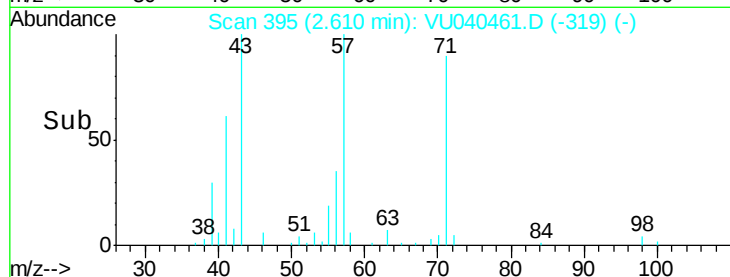
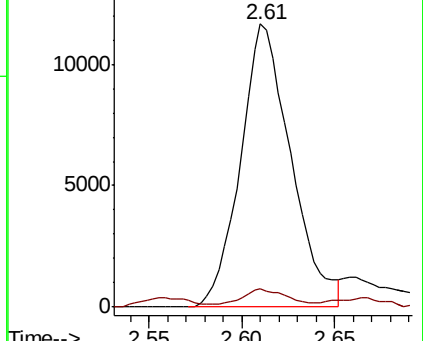
43 100

58 5.9 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040461.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040461.D (-395) (-)



#14

Carbon disulfide

Concen: 0.090 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040461.D

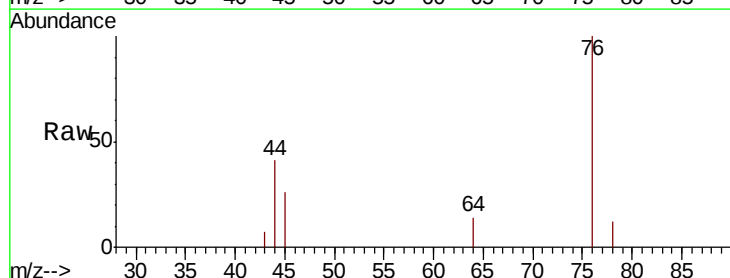
Acq: 02 Oct 2020 15:19

Tgt Ion: 76 Resp: 2893

Ion Ratio Lower Upper

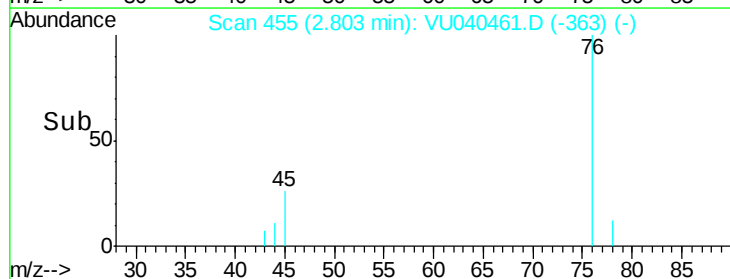
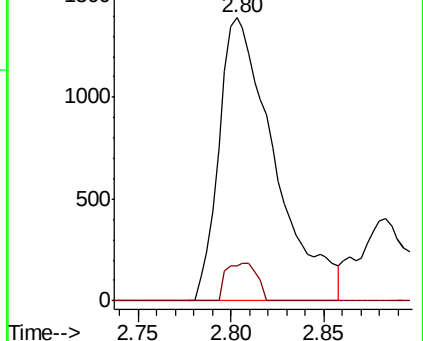
76 100

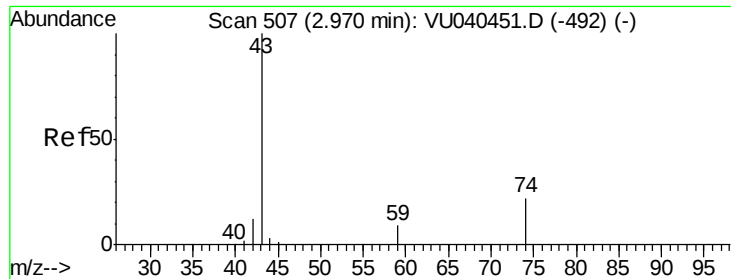
78 12.4 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040461.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040461.D (-363) (-)





#15

Methvl Acetate

Concen: 2049.994 ug/L

RT: 3.10 min Scan# 548

Delta R.T. 0.13 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

Instrument :

MSVOA_U

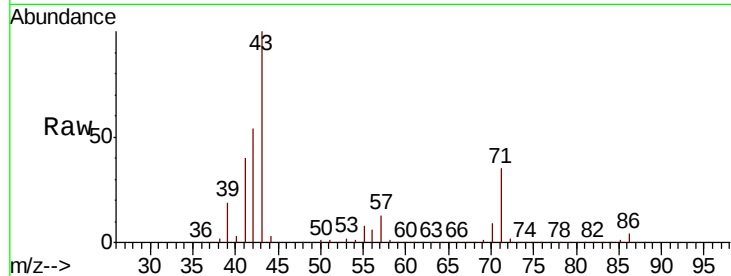
ClientSampleId :

Tot Ion: 43 Resp:13548236

Ion Ratio Lower Upper

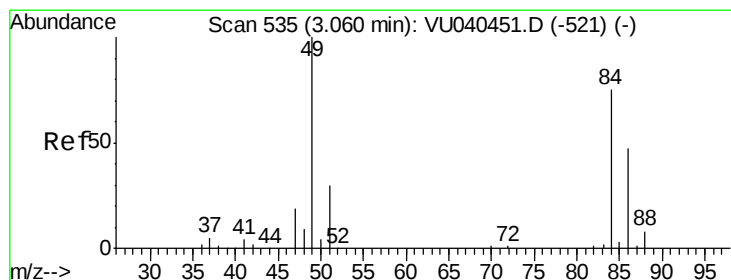
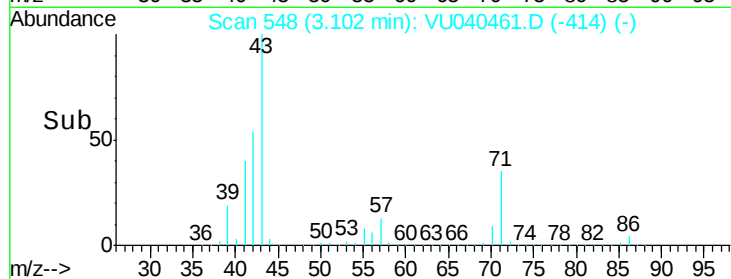
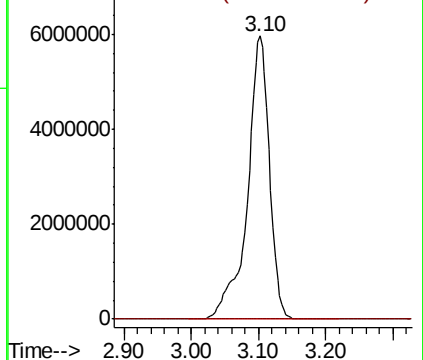
43 100

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



#16

Methylene chloride

Concen: 0.513 ug/L

RT: 3.04 min Scan# 530

Delta R.T. -0.02 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

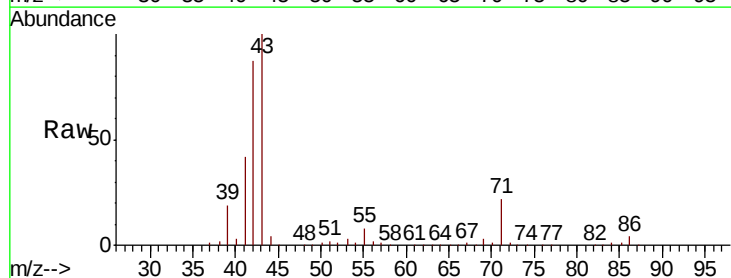
Tgt Ion: 84 Resp: 6573

Ion Ratio Lower Upper

84 100

86 550.8 44.4 82.5#

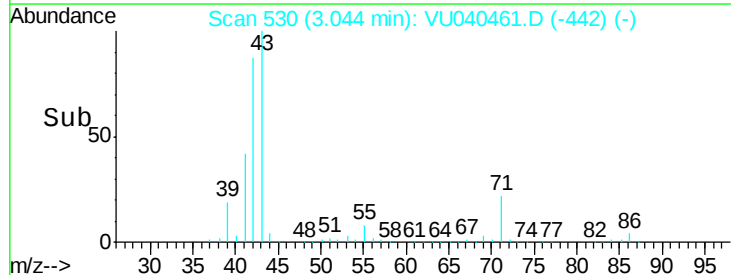
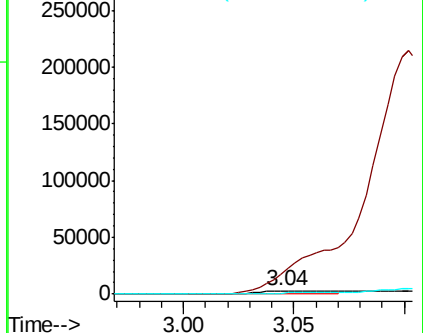
49 25.6 92.2 171.2#

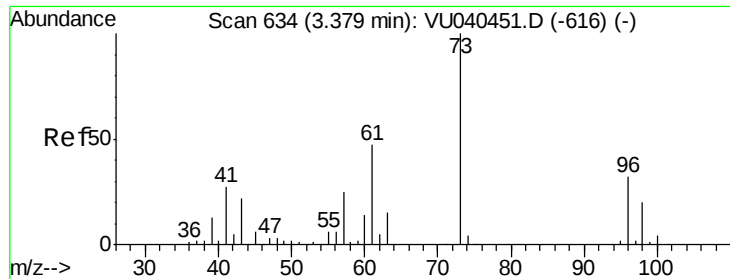


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

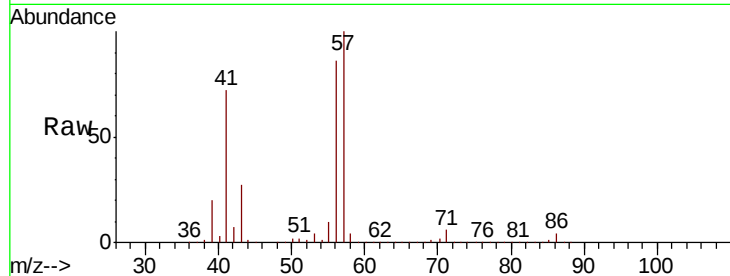




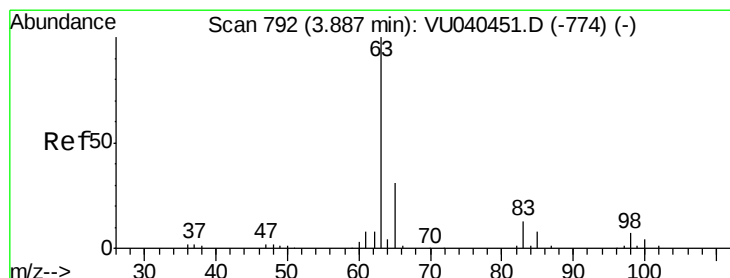
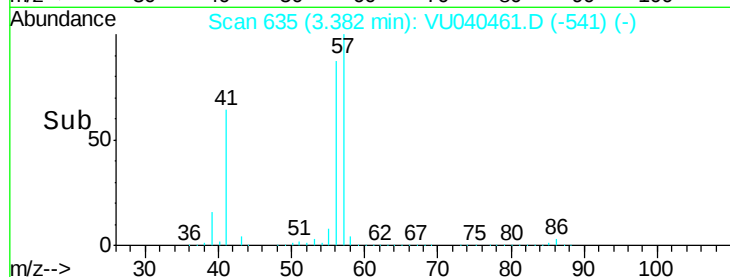
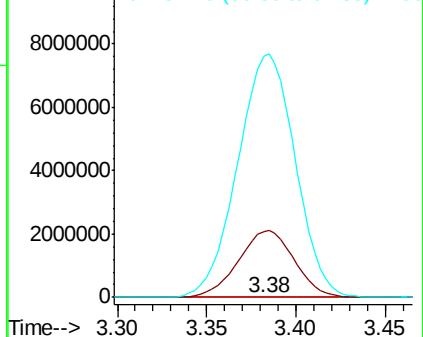
#17
Methvl tert-butvl Ether
Concen: 0.112 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 73 Resp: 3152
Ion Ratio Lower Upper
73 100
43 146311.5 19.0 28.4#
57 550613.9 18.9 28.3#

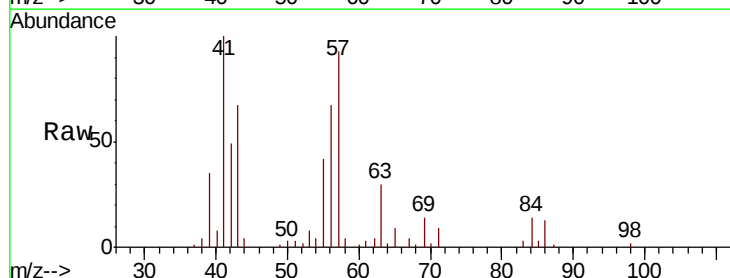


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

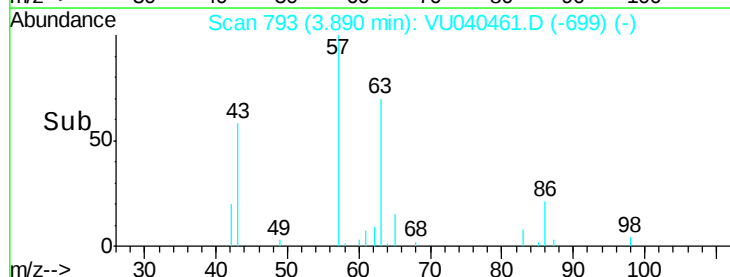
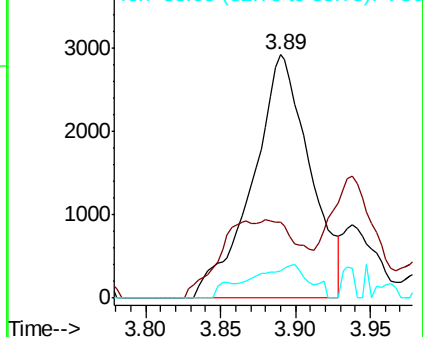


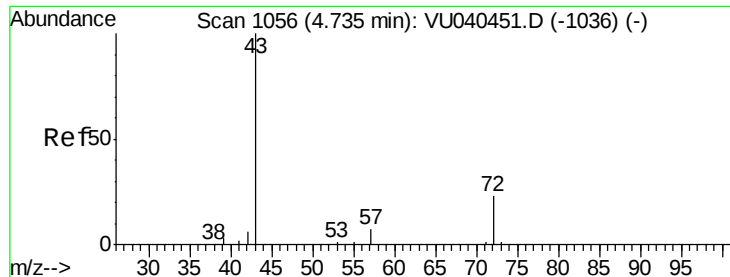
#19
1,1-Dichloroethane
Concen: 0.357 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Tgt Ion: 63 Resp: 7736
Ion Ratio Lower Upper
63 100
65 31.0 21.7 40.3
83 11.0 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#21

2-Butanone

Concen: 355.346 ug/L

RT: 4.56 min Scan# 1001

Delta R.T. -0.18 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

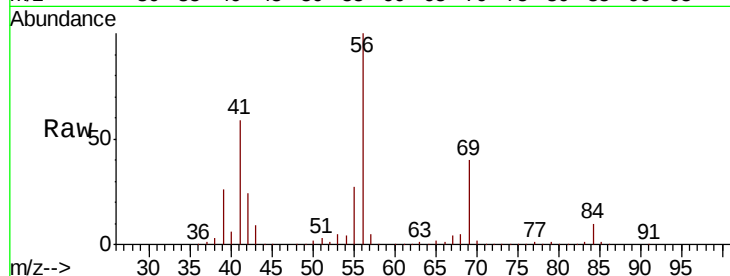
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1565188

Ion Ratio Lower Upper

43 100

72 0.0 12.0 36.1#



Abundance Ion 43.05 (42.75 to 43.75): VU040461.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VU040461.D (-963) (-)

4.56

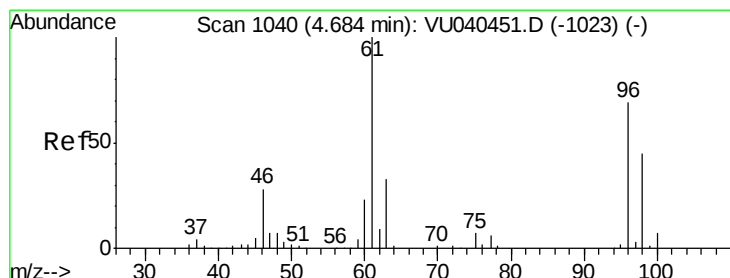
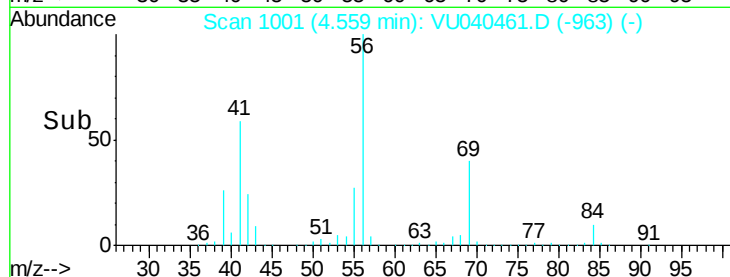
600000

400000

200000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.119 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

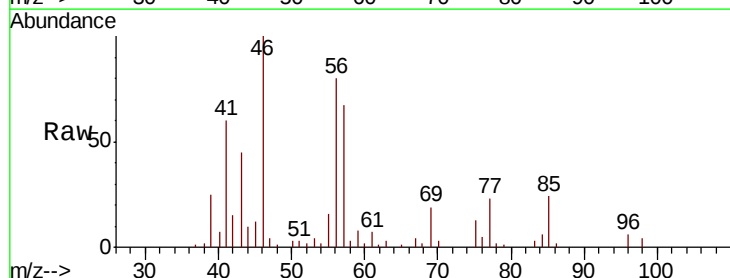
Tgt Ion: 96 Resp: 1385

Ion Ratio Lower Upper

96 100

61 125.8 99.3 184.5

68 33.2 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU040461.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040461.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040461.D (-947) (-)

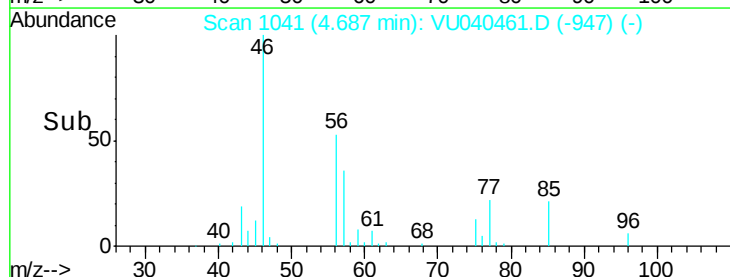
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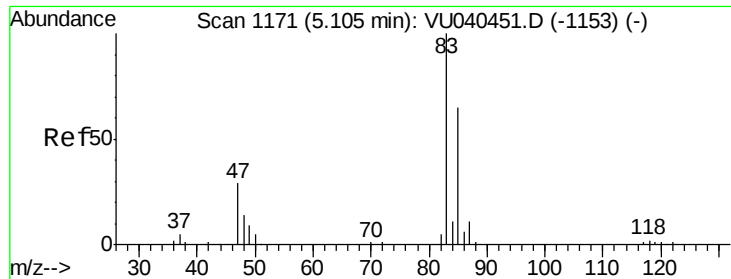
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Time-->

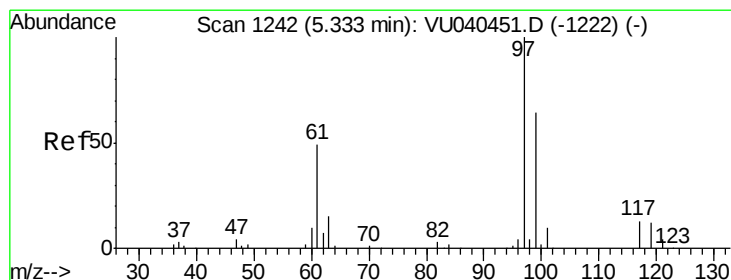
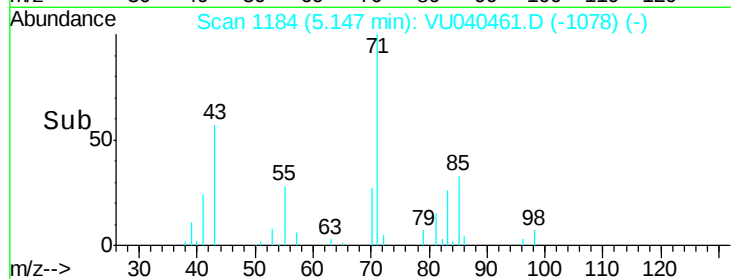
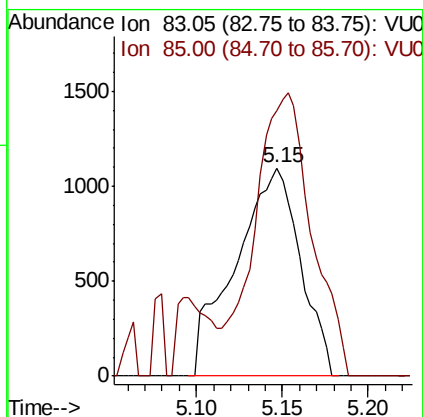
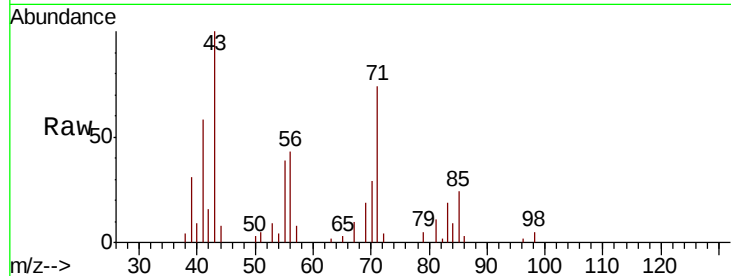




#25
Chloroform
Concen: 0.131 ug/L
RT: 5.15 min Scan# 1184
Delta R.T. 0.04 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

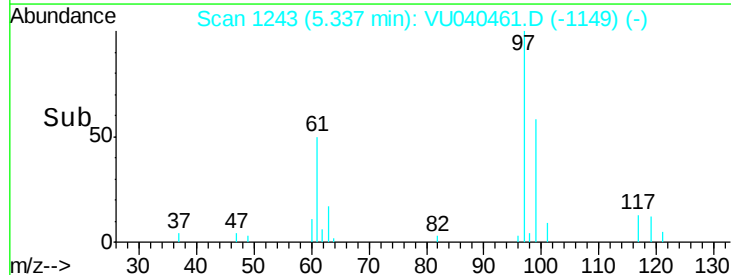
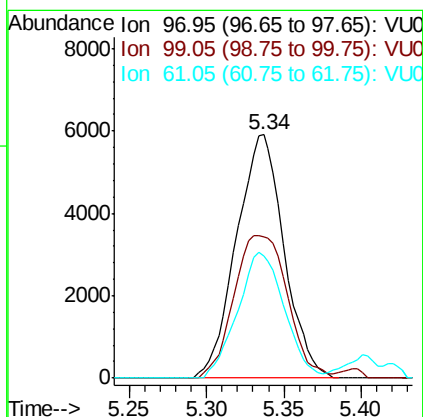
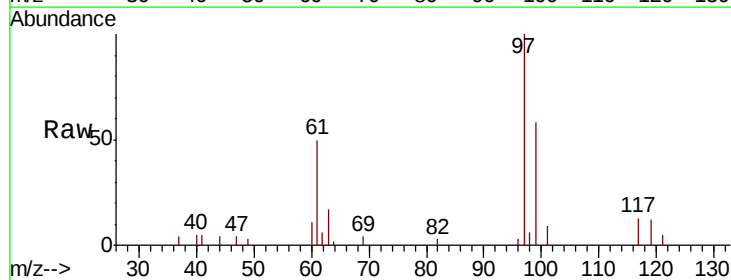
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MSVOA_U
ClientSampleId :

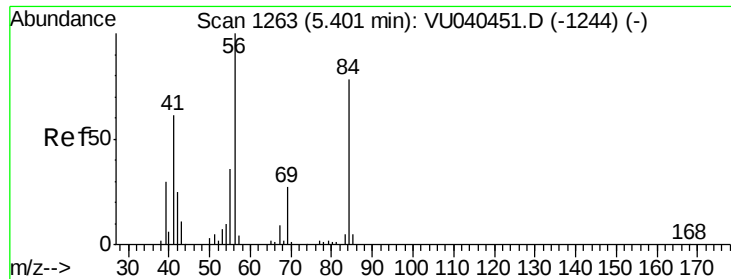
Tot Ion: 83 Resp: 2886
Ion Ratio Lower Upper
83 100
85 127.2 44.6 82.8#



#29
1,1,1-Trichloroethane
Concen: 0.737 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Tgt Ion: 97 Resp: 12666
Ion Ratio Lower Upper
97 100
99 65.8 50.7 76.1
61 50.6 39.7 59.5

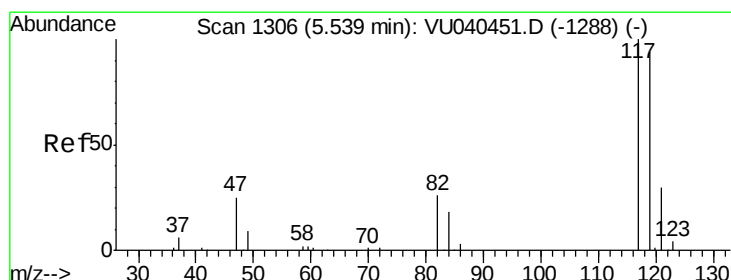
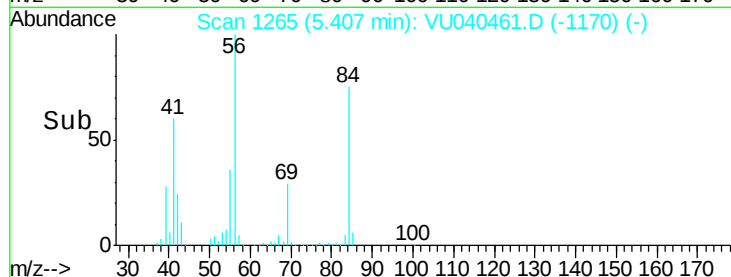
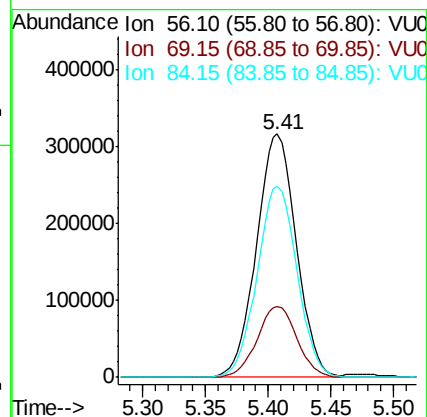
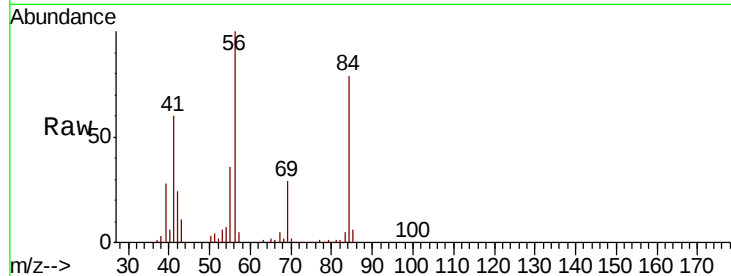




#30
Cyclohexane
Concen: 39.354 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

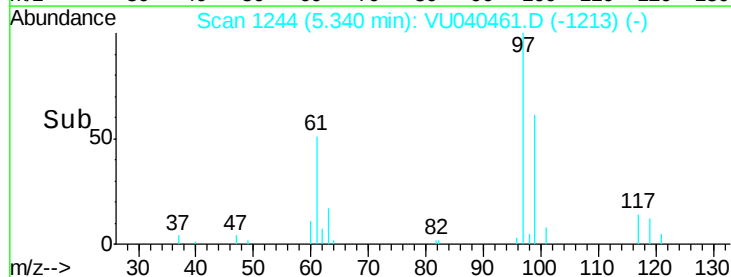
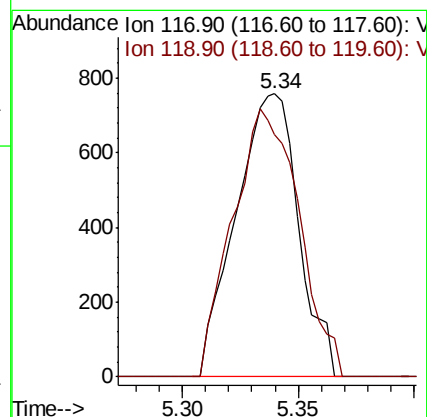
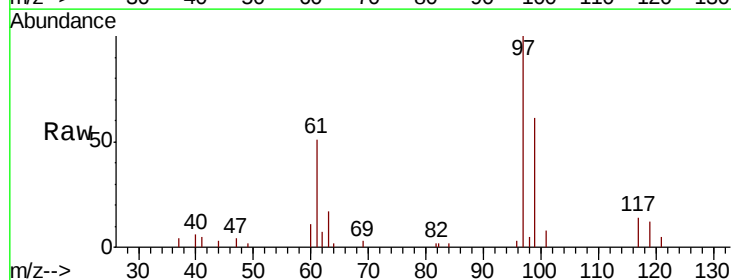
Instrument :
MSVOA_U
ClientSampleId :

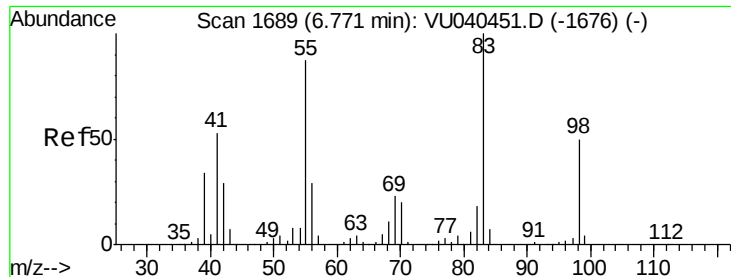
Tot Ion: 56 Resp: 699274
Ion Ratio Lower Upper
56 100
69 29.3 23.3 34.9
84 78.8 64.2 96.4



#31
Carbon tetrachloride
Concen: 0.097 ug/L
RT: 5.34 min Scan# 1244
Delta R.T. -0.20 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Tgt Ion: 117 Resp: 1424
Ion Ratio Lower Upper
117 100
119 100.3 77.5 116.3

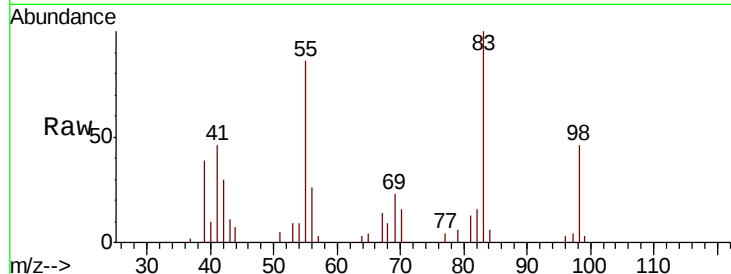




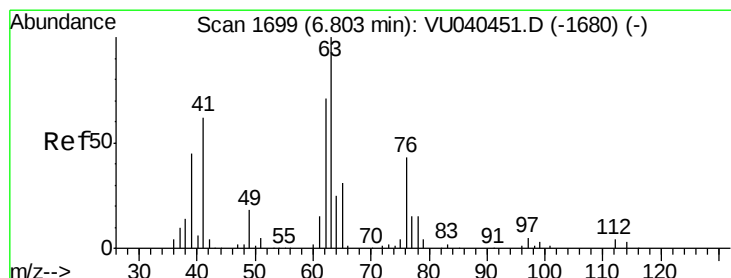
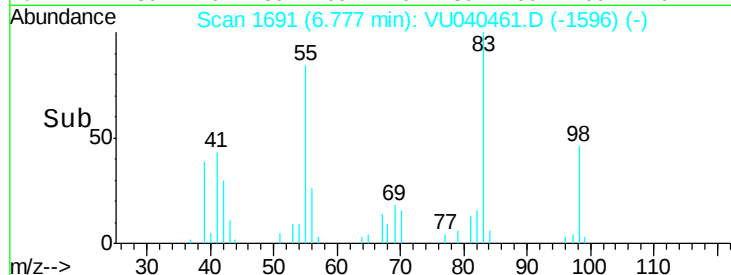
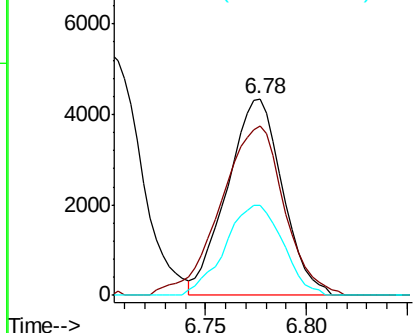
#35
Methvlcvclohexane
Concen: 0.507 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8322
Ion Ratio Lower Upper
83 100
55 98.9 71.4 107.2
98 47.7 38.5 57.7

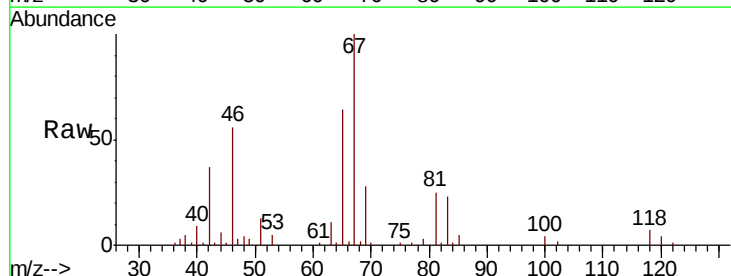


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

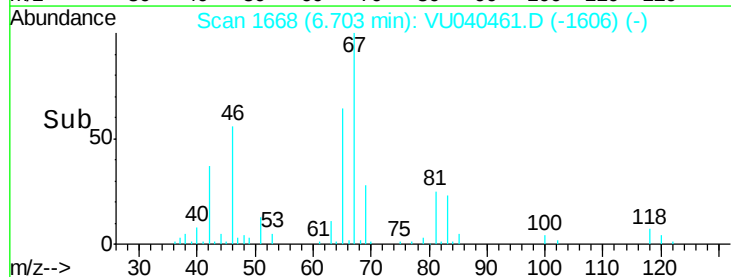
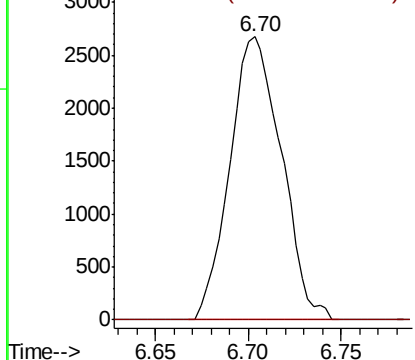


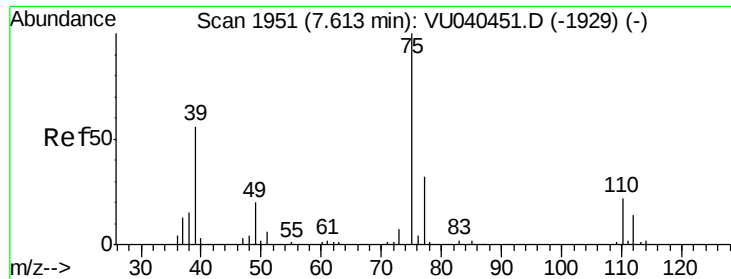
#37
1,2-Dichloropropane
Concen: 0.440 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Tgt Ion: 63 Resp: 5169
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

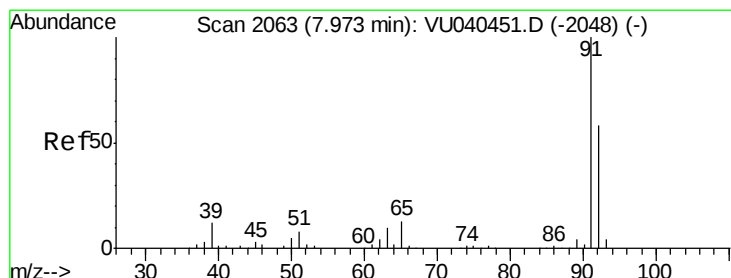
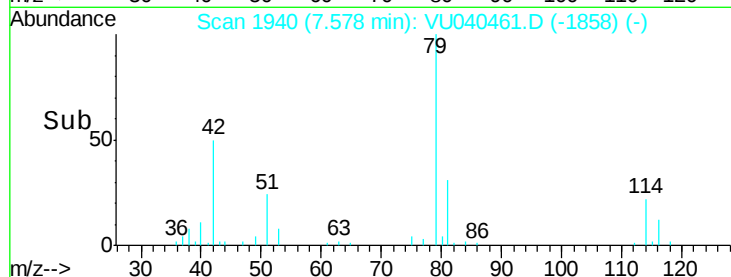
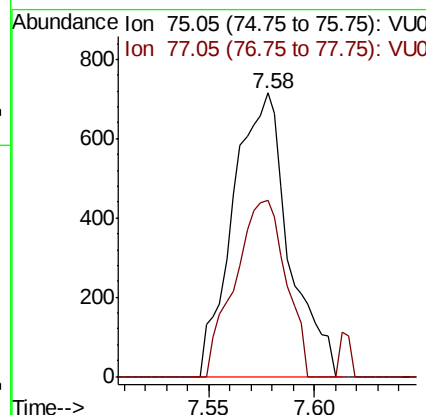
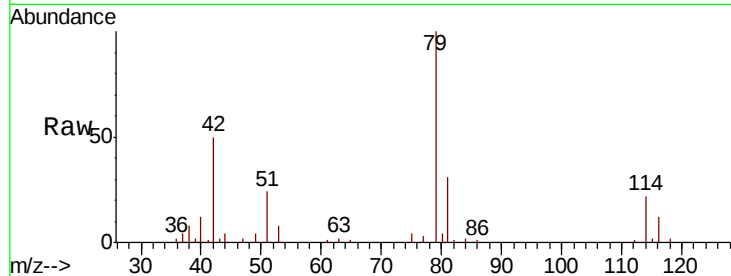




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

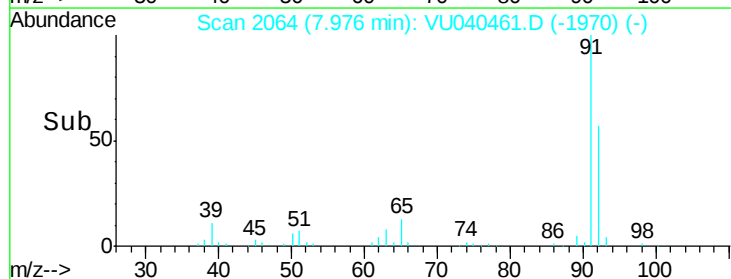
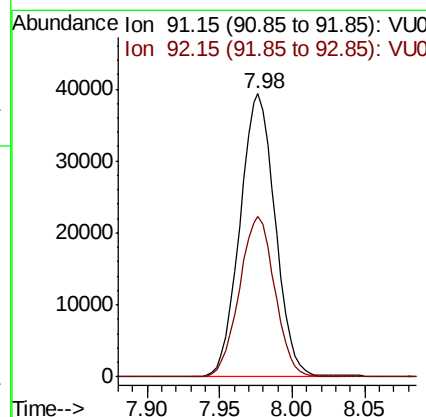
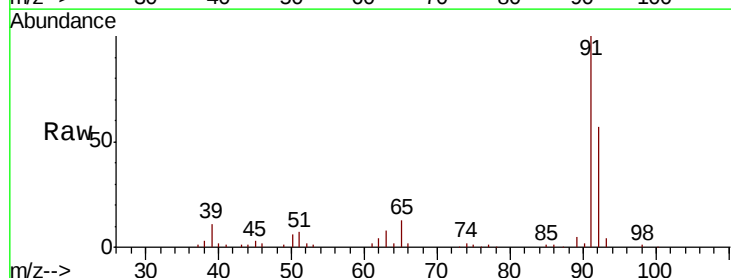
Instrument :
 MSVOA_U
 ClientSampleId :

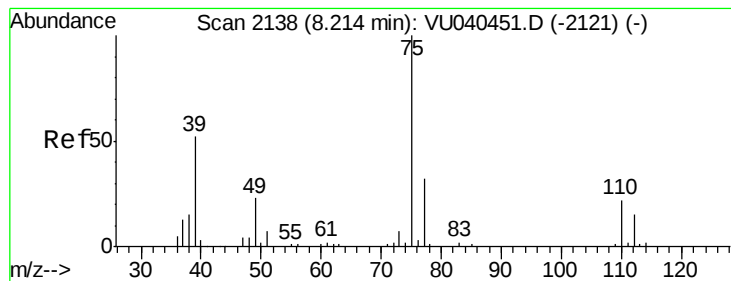
Tot Ion: 75 Resp: 1315
 Ion Ratio Lower Upper
 75 100
 77 62.2 23.5 43.7#



#42
 Toluene
 Concen: 1.539 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Tgt Ion: 91 Resp: 66532
 Ion Ratio Lower Upper
 91 100
 92 56.7 40.0 74.4





#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

Instrument :

MSVOA_U

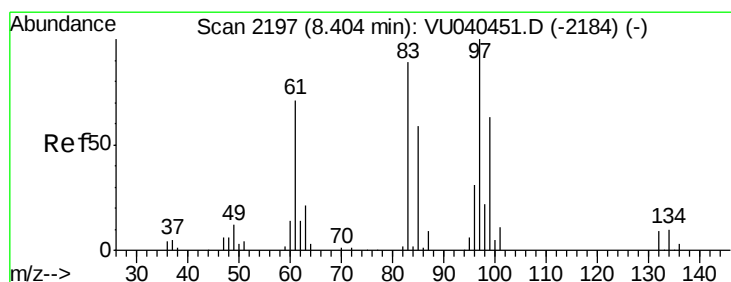
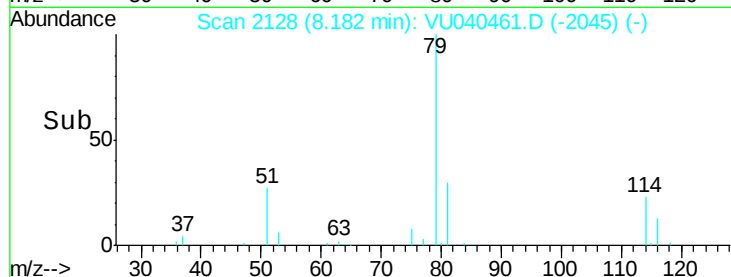
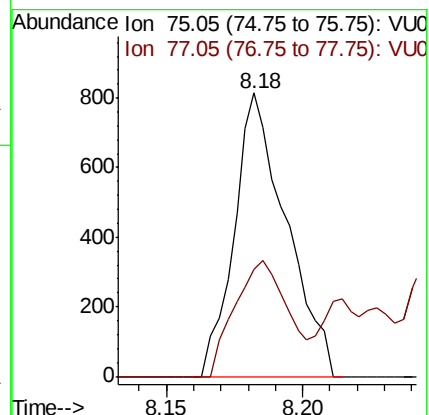
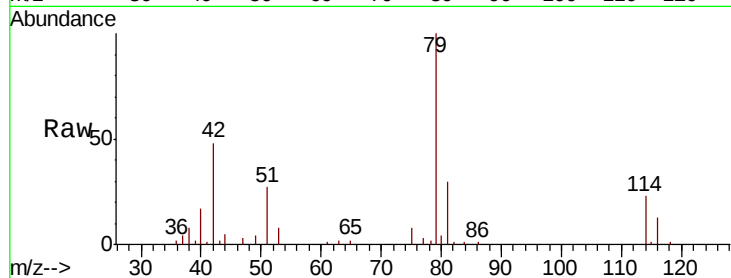
ClientSampleId :

Tot Ion: 75 Resp: 1076

Ion Ratio Lower Upper

75 100

77 37.7 22.3 41.3



#45

1,1,2-Trichloroethane

Concen: 0.068 ug/L

RT: 8.38 min Scan# 2189

Delta R.T. -0.03 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

Tgt Ion: 97 Resp: 556

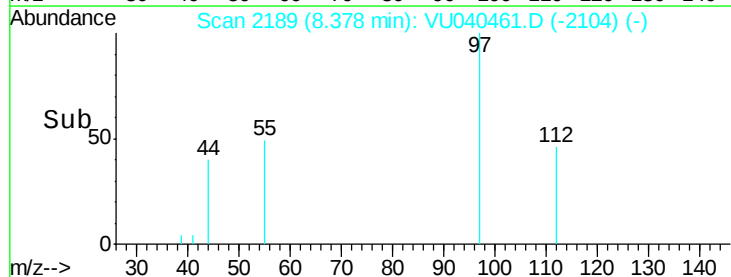
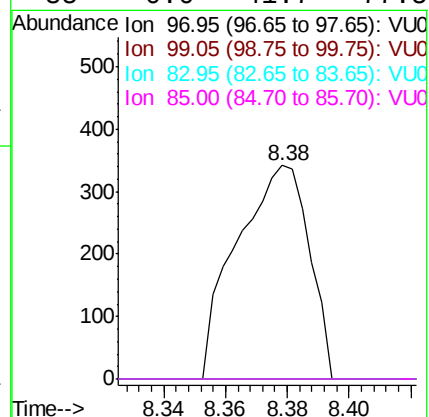
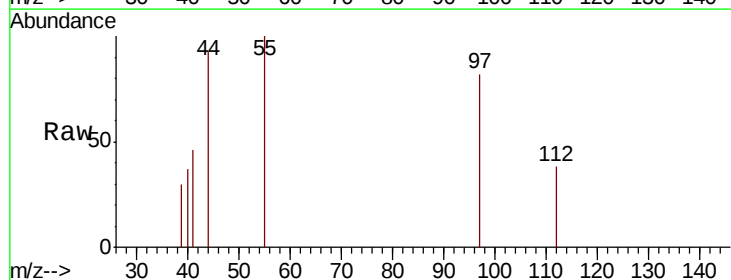
Ion Ratio Lower Upper

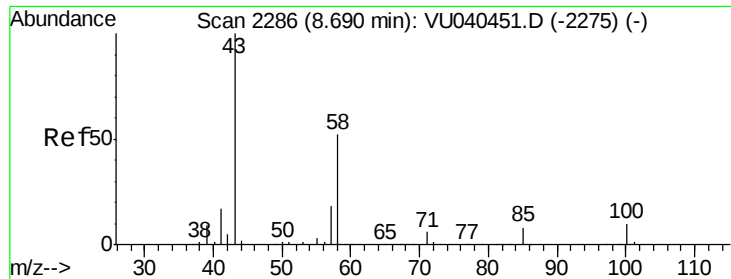
97 100

99 0.0 45.8 85.0#

83 0.0 62.9 116.9#

85 0.0 41.7 77.5#

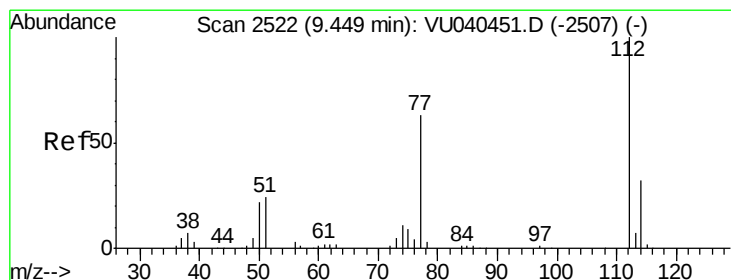
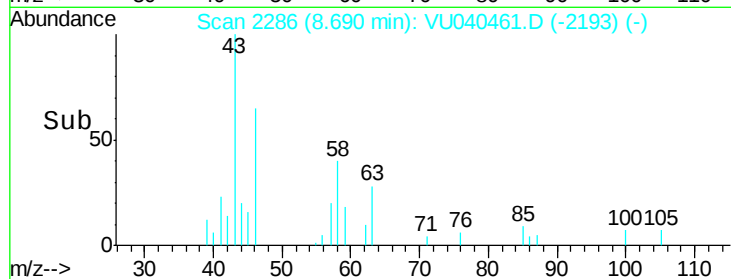
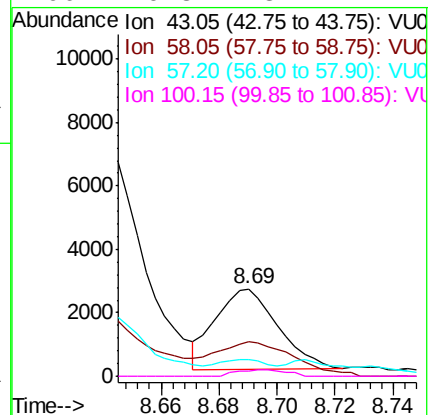
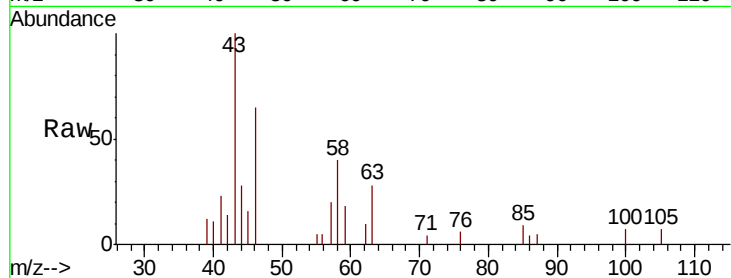




#48
2-Hexanone
Concen: 0.559 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

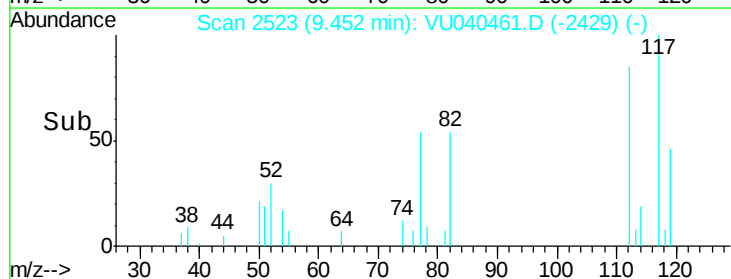
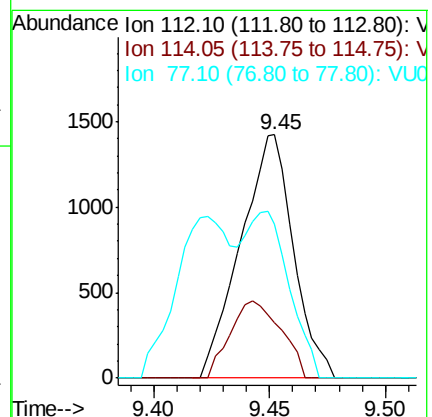
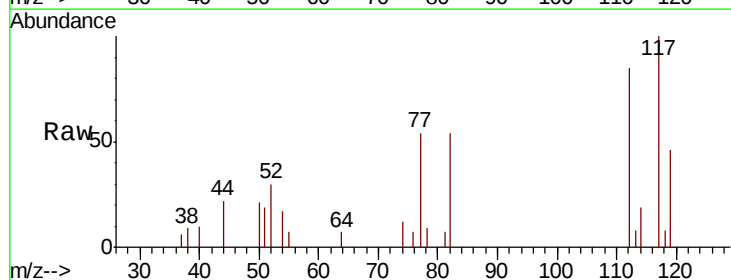
Instrument :
MSVOA_U
ClientSampleId :

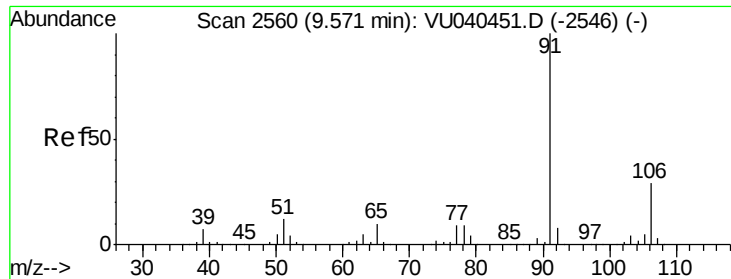
Tot Ion: 43 Resp: 3785
Ion Ratio Lower Upper
43 100
58 55.0 41.0 61.4
57 10.5 14.6 22.0#
100 6.3 8.2 12.4#



#51
Chlorobenzene
Concen: 0.081 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Tgt Ion: 112 Resp: 2256
Ion Ratio Lower Upper
112 100
114 22.5 22.0 40.8
77 63.3 49.5 74.3

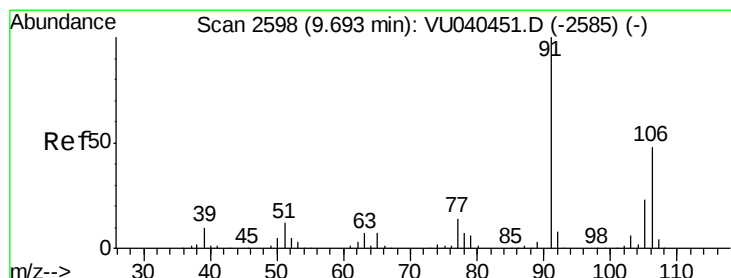
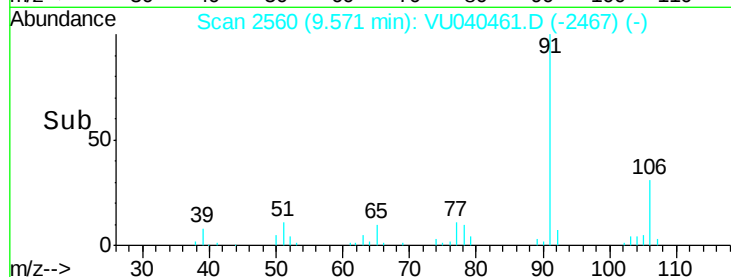
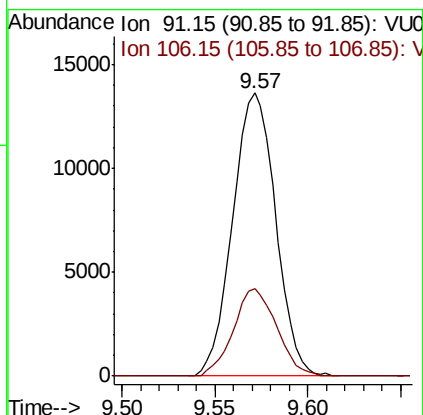
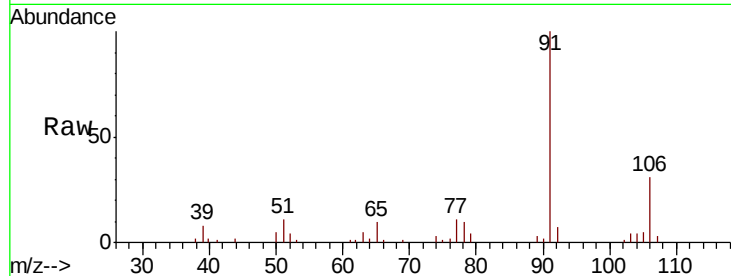




#52
Ethylbenzene
Concen: 0.466 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

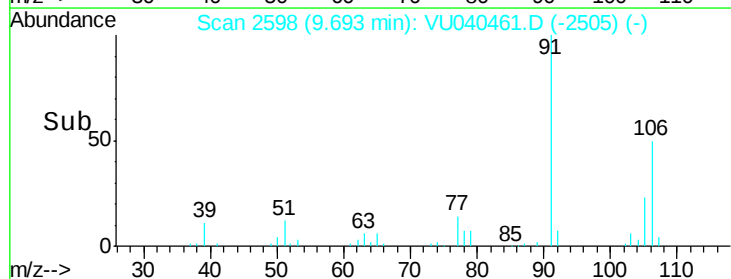
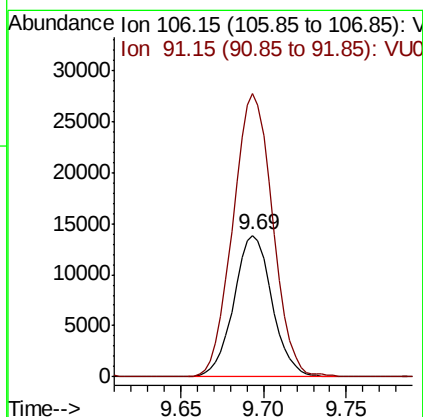
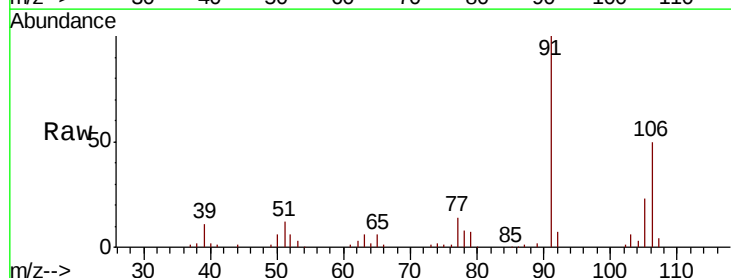
Instrument :
MSVOA_U
ClientSampled :

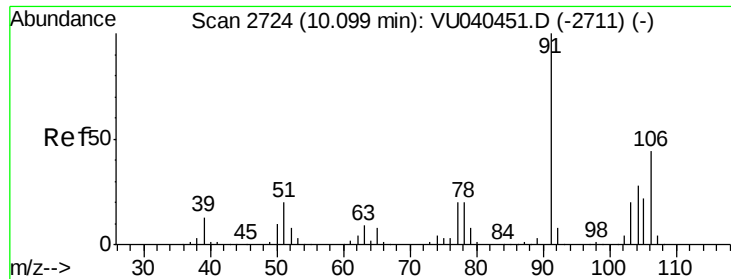
Tot Ion: 91 Resp: 21880
Ion Ratio Lower Upper
91 100
106 31.0 21.1 39.3



#53
m,p-Xylene
Concen: 1.268 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Tgt Ion: 106 Resp: 22159
Ion Ratio Lower Upper
106 100
91 200.1 149.0 276.6

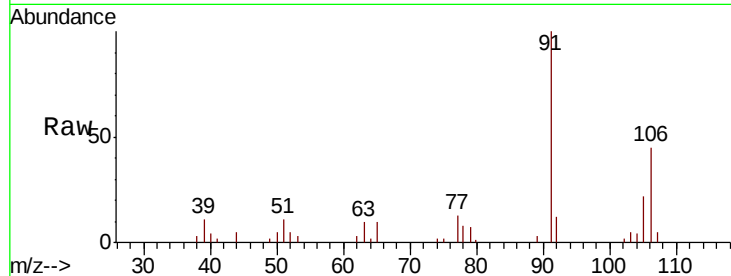




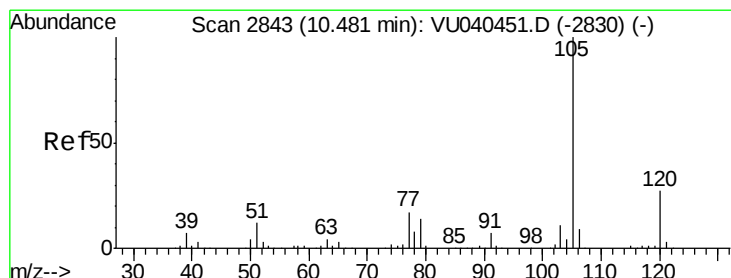
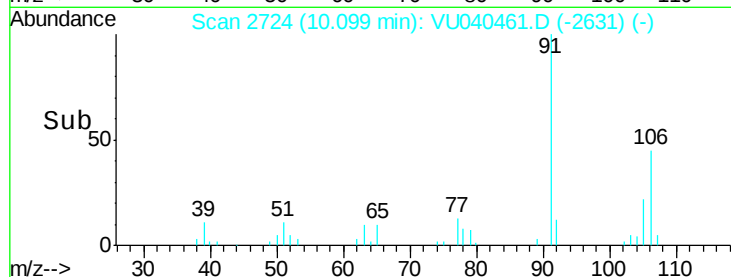
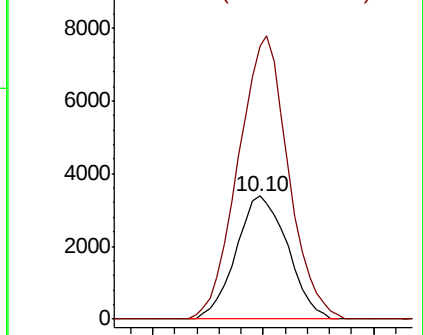
#54
o-Xylene
Concen: 0.334 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 5489
Ion Ratio Lower Upper
106 100
91 221.4 160.9 298.9

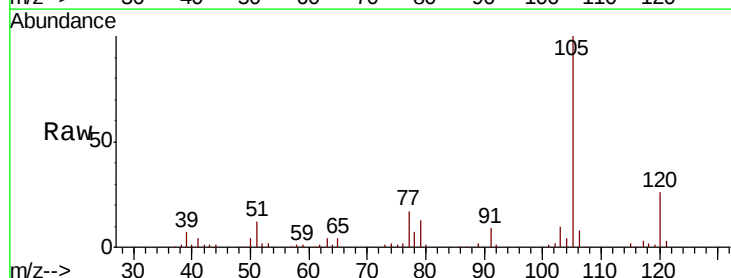


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

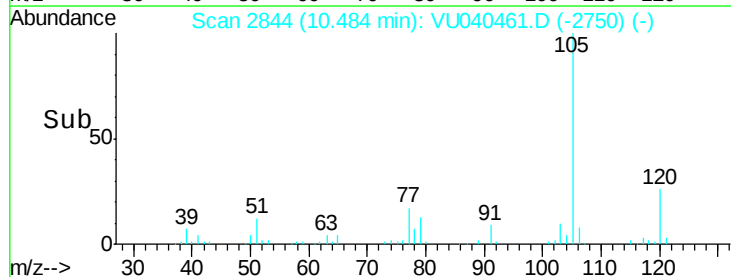
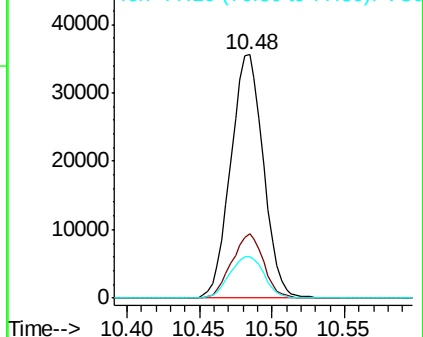


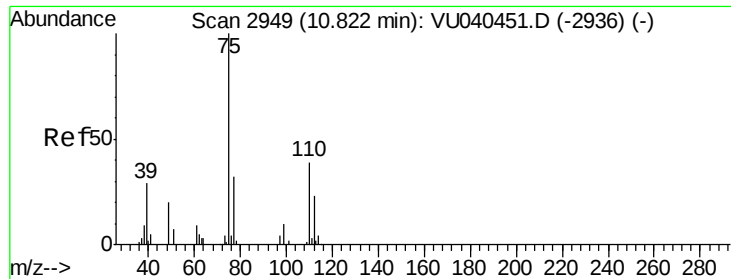
#56
Isopropylbenzene
Concen: 1.255 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040461.D
Acq: 02 Oct 2020 15:19

Tgt Ion:105 Resp: 55659
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 17.9 14.3 21.5



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.604 ug/L

RT: 10.91 min Scan# 2975

Delta R.T. 0.08 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

Instrument :

MSVOA_U

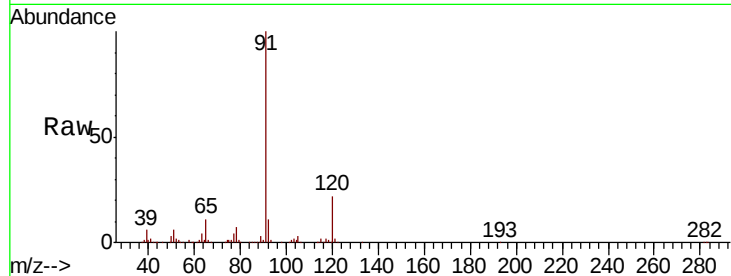
ClientSampleId :

Tot Ion: 75 Resp: 5141

Ion Ratio Lower Upper

75 100

77 610.9 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU040451.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040451.D (-2936) (-)

25000

20000

15000

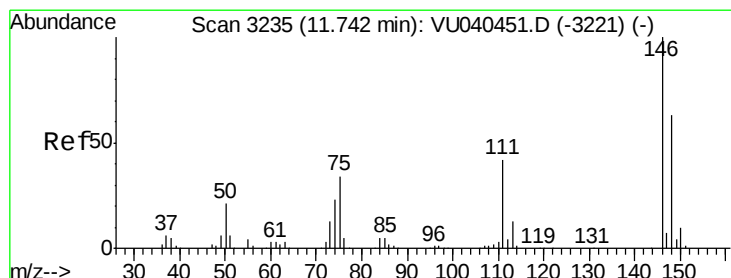
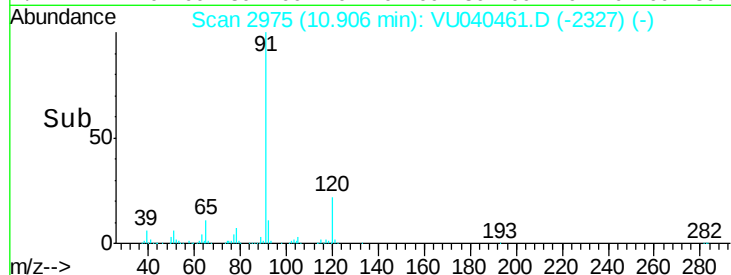
10000

5000

0

10.85 10.90 10.95

Time-->



#62

1,3-Dichlorobenzene

Concen: 0.088 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU040461.D

Acq: 02 Oct 2020 15:19

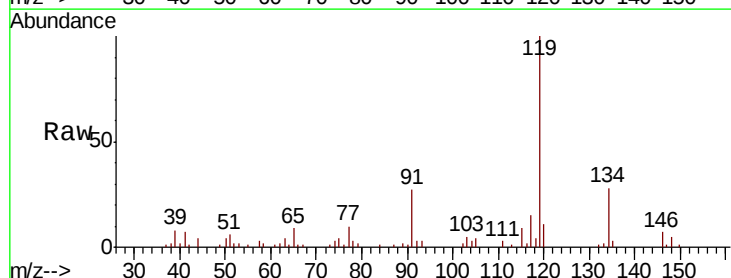
Tgt Ion: 146 Resp: 1972

Ion Ratio Lower Upper

146 100

111 46.1 28.6 53.0

148 73.2 43.4 80.6



Abundance Ion 145.95 (145.65 to 146.65): VU040451.D (-3221) (-)

Ion 111.00 (110.70 to 111.70): VU040451.D (-3221) (-)

Ion 148.00 (147.70 to 148.70): VU040451.D (-3221) (-)

1500

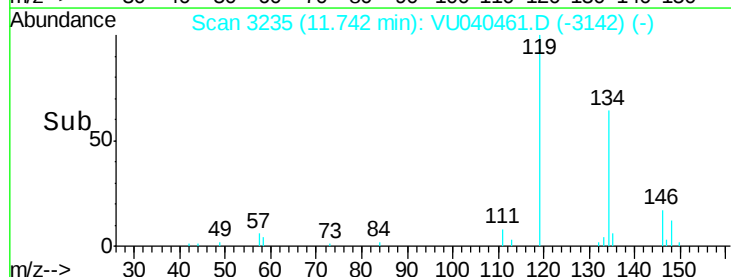
1000

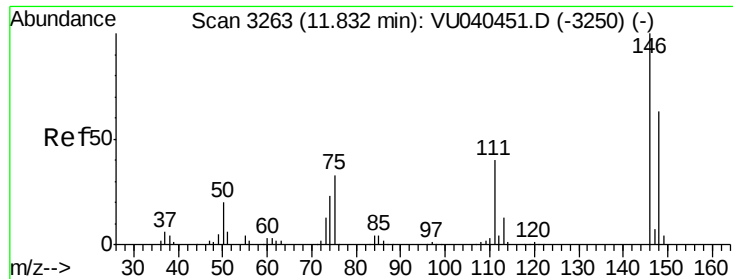
500

0

11.70 11.75

Time-->

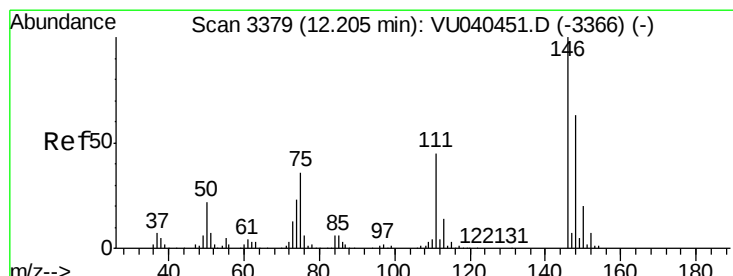
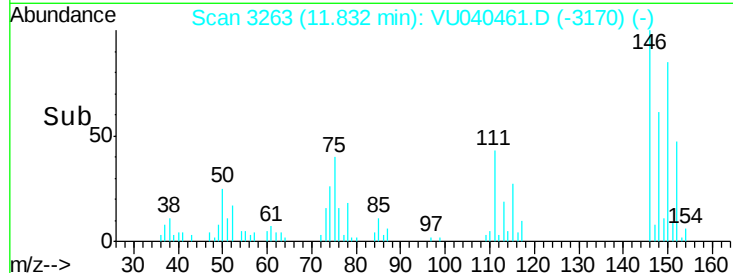
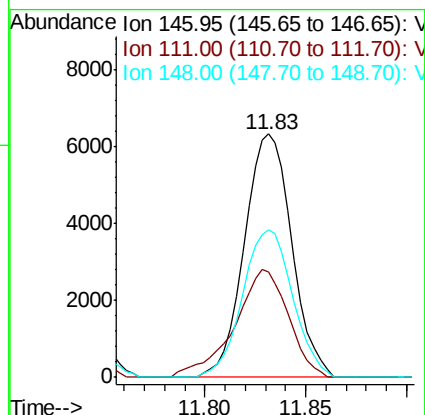
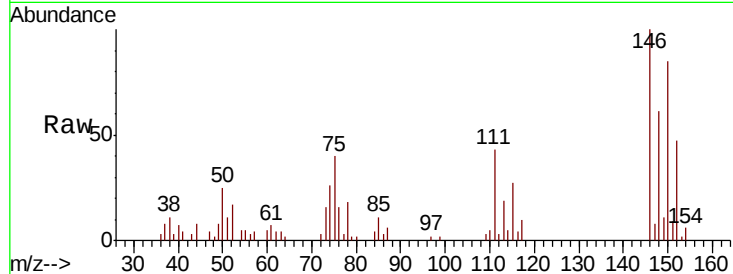




#63
 1,4-Dichlorobenzene
 Concen: 0.448 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

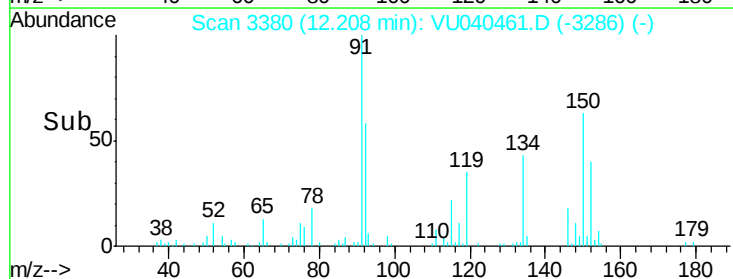
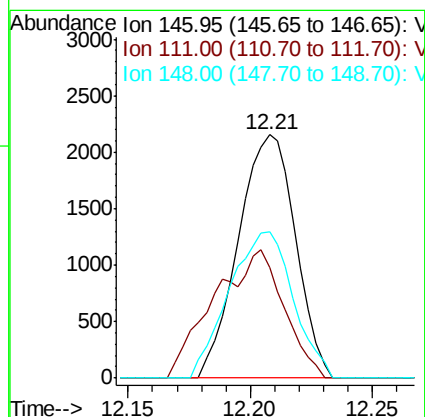
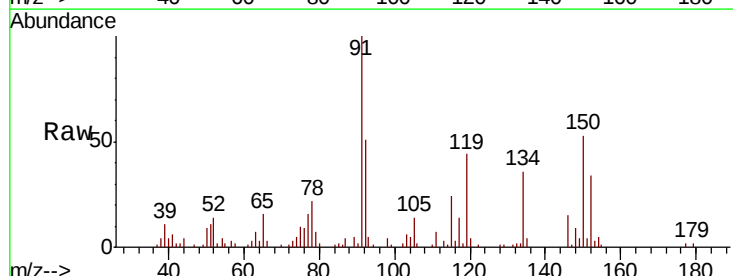
Instrument :
 MSVOA_U
 ClientSampled :

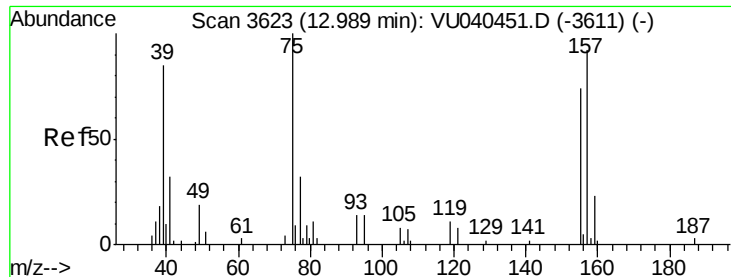
Tot Ion:146 Resp: 10380
 Ion Ratio Lower Upper
 146 100
 111 43.4 29.2 54.2
 148 60.6 44.4 82.4



#65
 1,2-Dichlorobenzene
 Concen: 0.161 ug/L
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Tgt Ion:146 Resp: 3498
 Ion Ratio Lower Upper
 146 100
 111 45.4 35.6 53.4
 148 60.2 49.8 74.6

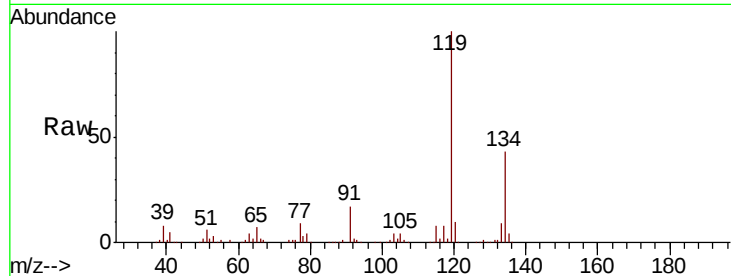




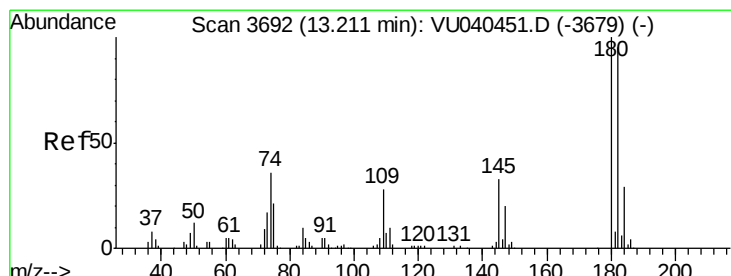
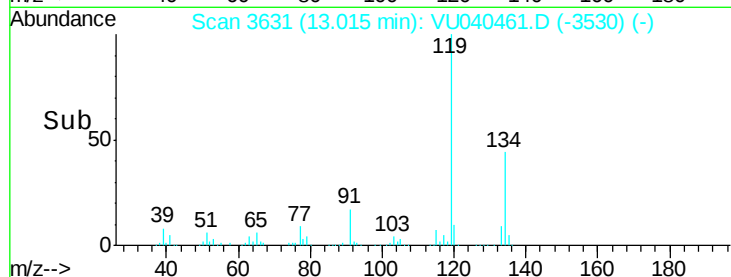
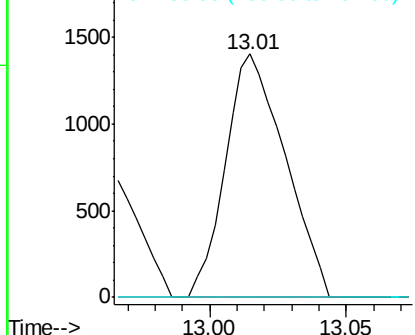
#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.094 ug/L
 RT: 13.01 min Scan# 3631
 Delta R.T. 0.03 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2138
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.4 89.2#
 157 0.0 65.0 97.4#

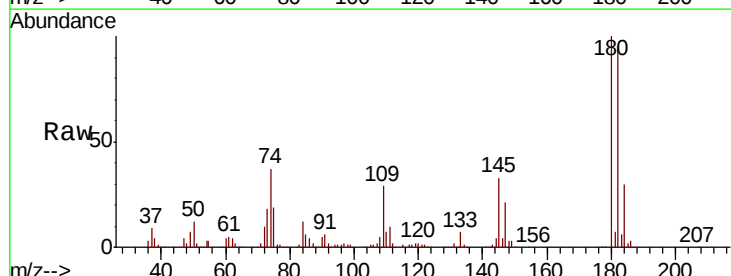


Abundance Ion 75.05 (74.75 to 75.75): VU040461.D (-3530) (-)
 Ion 154.95 (154.65 to 155.65): VU040461.D (-3530) (-)
 Ion 156.90 (156.60 to 157.60): VU040461.D (-3530) (-)

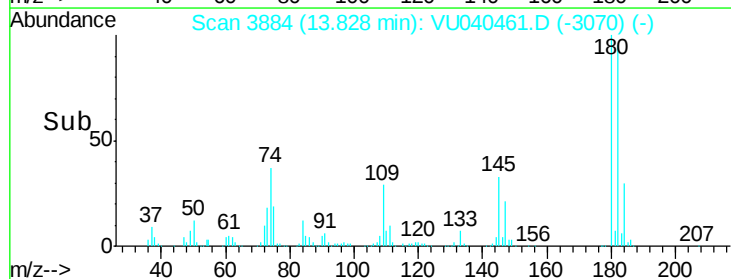
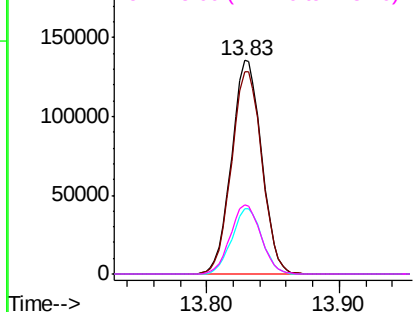


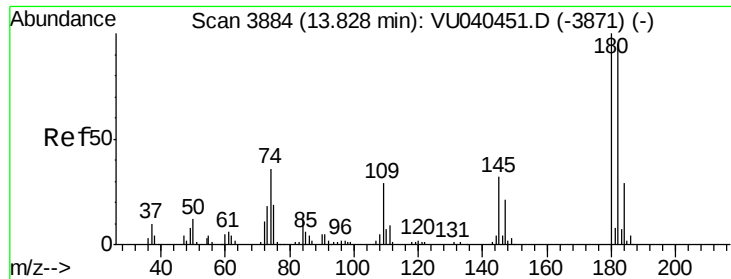
#67
 1,3,5-Trichlorobenzene
 Concen: 13.410 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.62 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Tgt Ion: 180 Resp: 213476
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.5 114.7
 184 30.5 24.6 37.0
 145 32.7 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): VU040461.D (-3070) (-)
 Ion 182.00 (181.70 to 182.70): VU040461.D (-3070) (-)
 Ion 184.00 (183.70 to 184.70): VU040461.D (-3070) (-)
 Ion 145.00 (144.70 to 145.70): VU040461.D (-3070) (-)

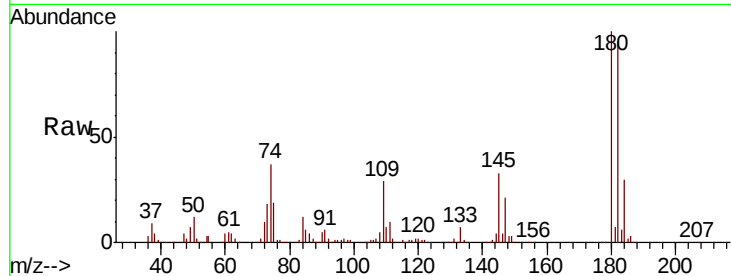




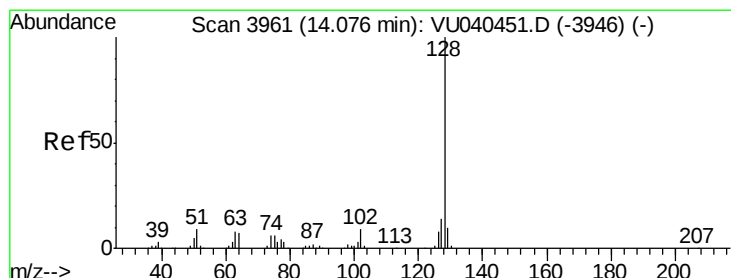
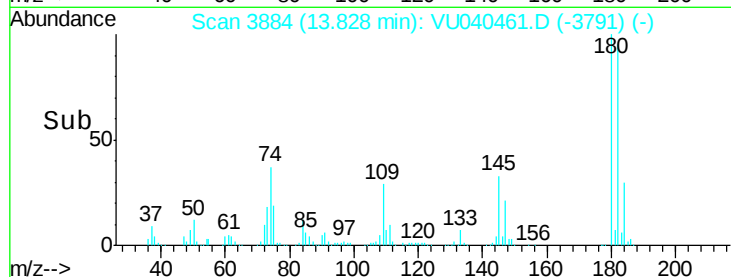
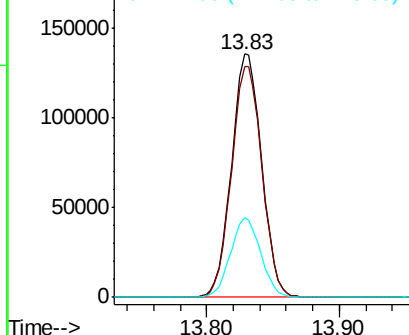
#68
 1,2,4-trichlorobenzene
 Concen: 16.689 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	115.0
145	32.7	26.3	39.5

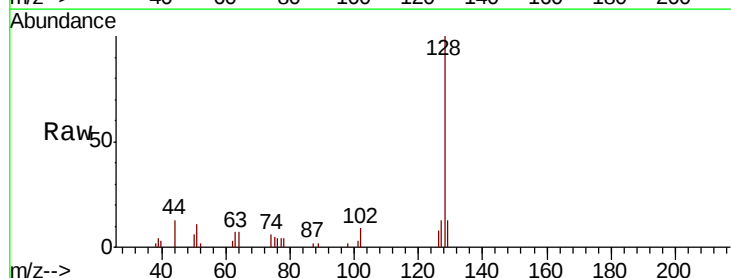


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

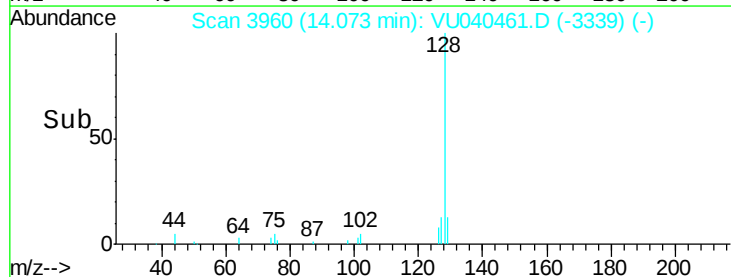
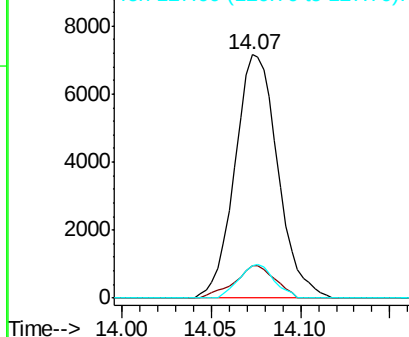


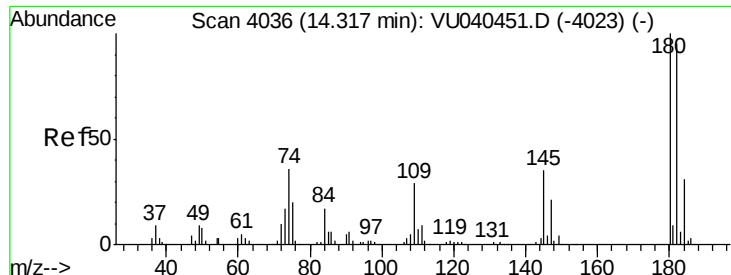
#69
 Naphthalene
 Concen: 0.550 ug/L
 RT: 14.07 min Scan# 3960
 Delta R.T. -0.00 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.2	12.4#
127	11.3	10.2	15.4



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

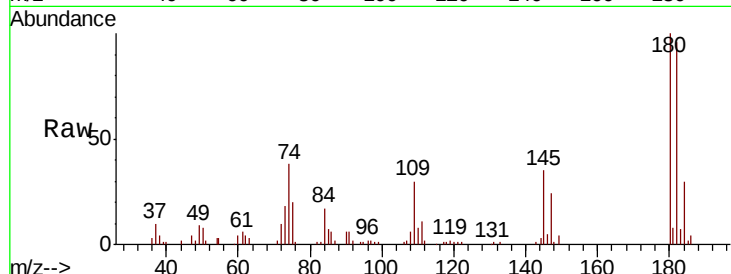




#70
 1,2,3-Trichlorobenzene
 Concen: 3.915 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. 0.00 min
 Lab File: VU040461.D
 Acq: 02 Oct 2020 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 45826
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.6 115.0
 145 34.8 27.8 41.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

