

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038591.D
 Acq On : 06 Jun 2020 01:00
 Operator : SY/MD
 Sample : L2884-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD8

Quant Time: Jun 06 02:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 02:36:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	295187	5.00	ug/L	0.05
28) Chlorobenzene-d5	9.45	117	287612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	154990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.66	65	57354	3.00	ug/L	0.05
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	1.98	69	51402	3.50	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.64	63	89993	2.39	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.80%#
20) 2-Butanone-d5	4.81	46	333022	57.38	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.76%
24) Chloroform-d	5.17	84	163271	4.55	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.80	65	97367	4.78	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.82	84	317742	4.43	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.76	67	102645	4.65	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.94	98	266449	4.14	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.22	79	39467	4.16	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.68	63	264037	56.31	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96684	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	124161	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.67	62	28290	1.236	ug/L 92
10) 1,1,2-Trichloro-1,2,2-trif	2.64	101	3887	0.217	ug/L 90
12) 1,1-Dichloroethene	2.64	96	1849	0.102	ug/L # 1
18) trans-1,2-Dichloroethene	3.43	96	2114	0.108	ug/L 92
19) 1,1-Dichloroethane	3.96	63	64734	1.846	ug/L 97
22) cis-1,2-Dichloroethene	4.77	96	107822	5.111	ug/L 100
27) 1,2-Dichloroethane	5.89	62	32370	1.291	ug/L 95
29) 1,1,1-Trichloroethane	5.42	97	6082	0.200	ug/L 98
30) Cyclohexane	5.48	56	94127	2.949	ug/L 95
33) Benzene	5.86	78	639868	7.978	ug/L 100
34) Trichloroethene	6.61	95	26370	1.267	ug/L 95
35) Methylcyclohexane	6.83	83	60771	1.886	ug/L # 83
37) 1,2-Dichloropropane	6.76	63	11106	0.550	ug/L # 93
42) Toluene	8.02	91	819026	9.736	ug/L 98
45) 1,1,2-Trichloroethane	8.41	97	14834	0.974	ug/L # 21
47) Tetrachloroethene	8.59	164	3979	0.263	ug/L 92
48) 2-Hexanone	8.73	43	24109	2.206	ug/L # 91

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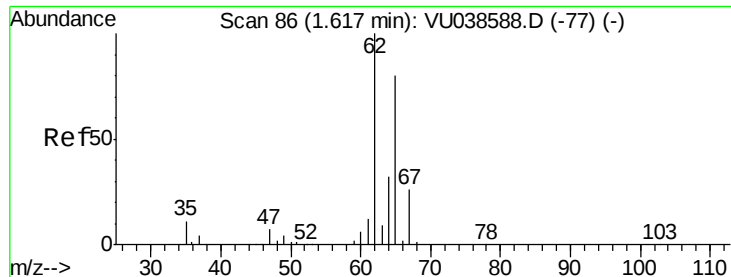
Instrument :
 MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.59	129	3417	0.208	ug/L #	11
51) Chlorobenzene	9.47	112	413311	7.619	ug/L	99
52) Ethylbenzene	9.60	91	1924124	20.559	ug/L	100
53) m,p-Xylene	9.72	106	3760992	104.489	ug/L	96
54) o-Xylene	10.12	106	2333148	67.524	ug/L	100
55) Styrene	10.12	104	139145	2.372	ug/L #	1
56) Isopropylbenzene	10.50	105	358786	3.945	ug/L	99
59) 1,2,3-Trichloropropane	10.92	75	7507	0.498	ug/L #	1
62) 1,3-Dichlorobenzene	11.76	146	20162	0.443	ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	57014	1.235	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	659920	15.261	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4116	1.176	ug/L #	5
68) 1,2,4-trichlorobenzene	13.87	180	17304	0.550	ug/L #	92
69) Naphthalene	14.11	128	280916	4.489	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	6201	0.217	ug/L #	81

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

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#5

Vinyl chloride

Concen: 1.236 ug/L

RT: 1.67 min Scan# 102

Delta R.T. 0.05 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampleID :

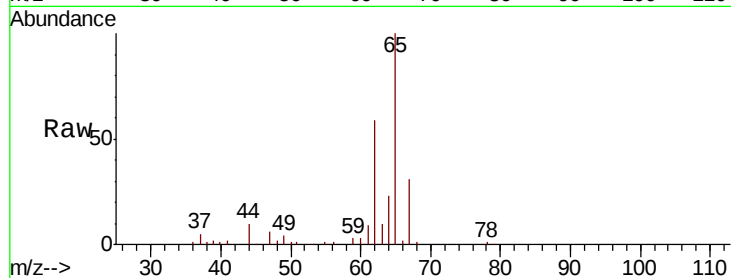
BFXD8

Tot Ion: 62 Resp: 28290

Ion Ratio Lower Upper

62 100

64 38.1 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU038588.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU038588.D (-77) (-)

1.67

25000

20000

15000

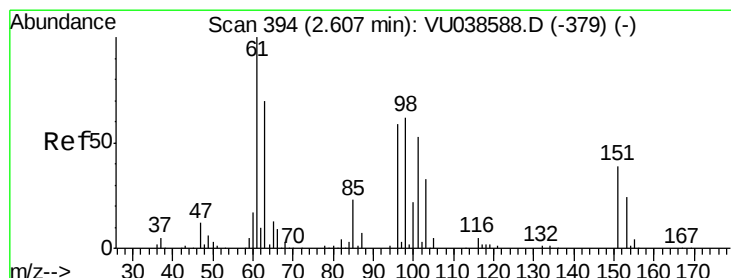
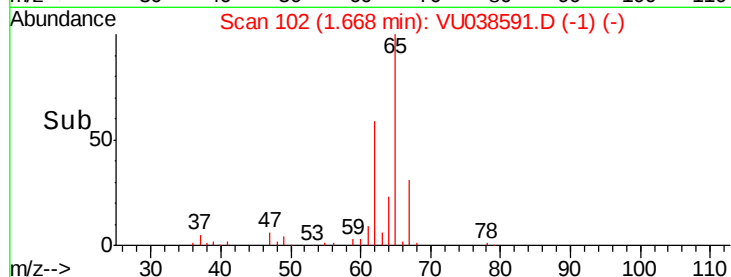
10000

5000

0

1.65 1.70

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.217 ug/L

RT: 2.64 min Scan# 405

Delta R.T. 0.04 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

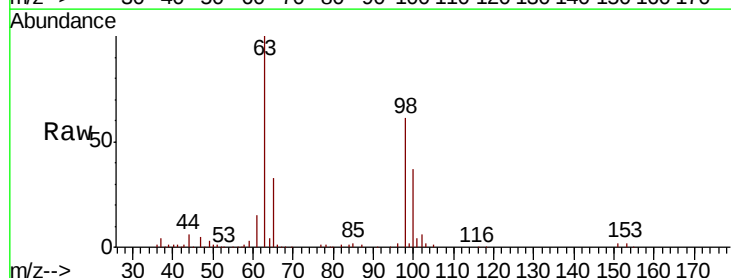
Tgt Ion: 101 Resp: 3887

Ion Ratio Lower Upper

101 100

85 41.7 34.0 51.0

151 58.4 56.9 85.3



Abundance Ion 101.00 (100.70 to 101.70): VU038588.D (-379) (-)

Ion 85.00 (84.70 to 85.70): VU038588.D (-379) (-)

Ion 151.00 (150.70 to 151.70): VU038588.D (-379) (-)

2500

2000

1500

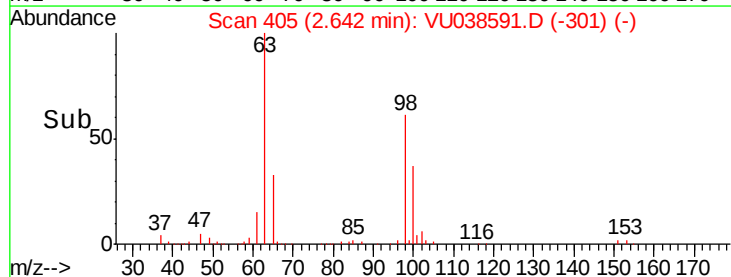
1000

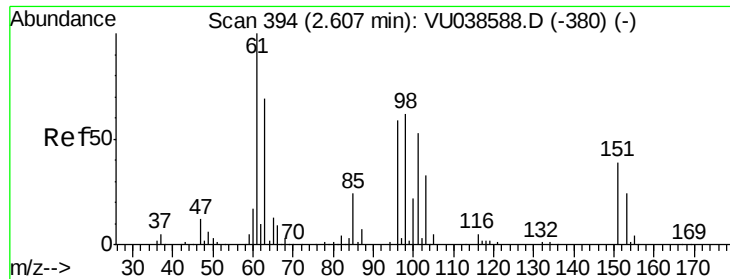
500

0

2.60 2.65 2.70

Time-->





#12

1,1-Dichloroethene

Concen: 0.102 ug/L

RT: 2.64 min Scan# 405

Delta R.T. 0.04 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampleId :

BFXD8

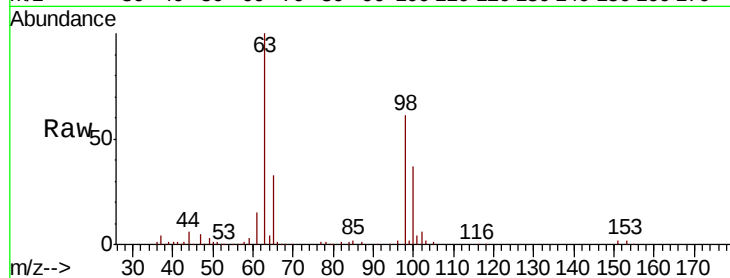
Tot Ion: 96 Resp: 1849

Ion Ratio Lower Upper

96 100

61 724.4 119.9 222.7#

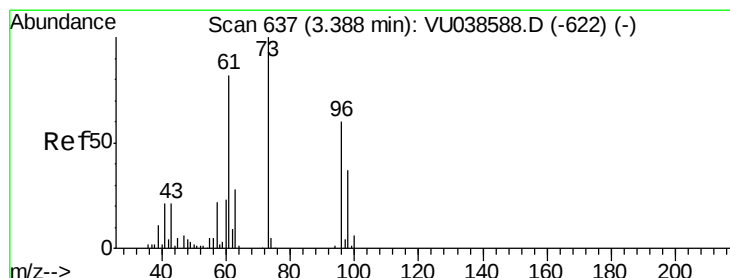
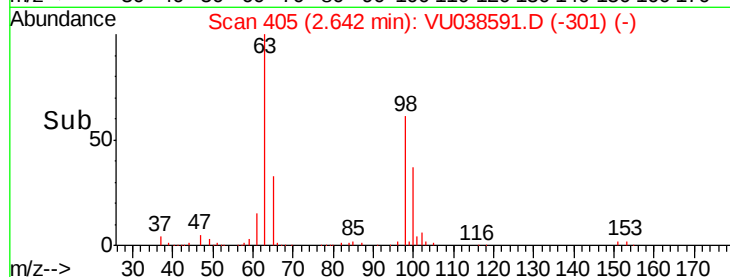
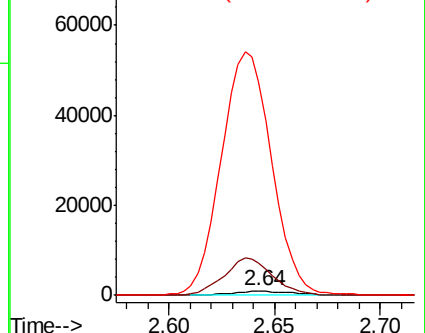
63 4774.3 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038588.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU038588.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU038588.D (-380) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.108 ug/L

RT: 3.43 min Scan# 650

Delta R.T. 0.04 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

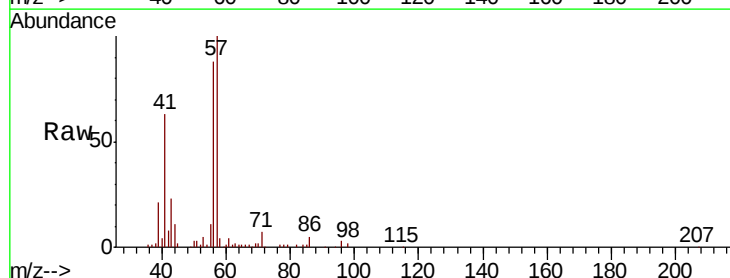
Tgt Ion: 96 Resp: 2114

Ion Ratio Lower Upper

96 100

61 135.3 100.2 186.0

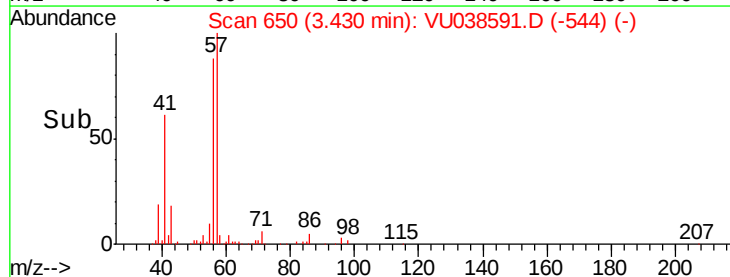
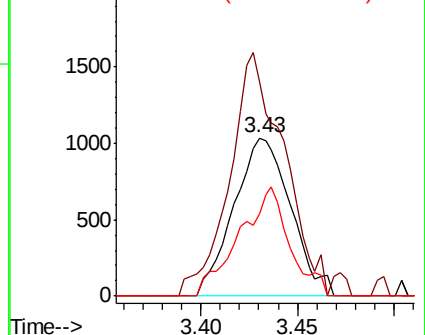
98 52.2 42.8 79.4

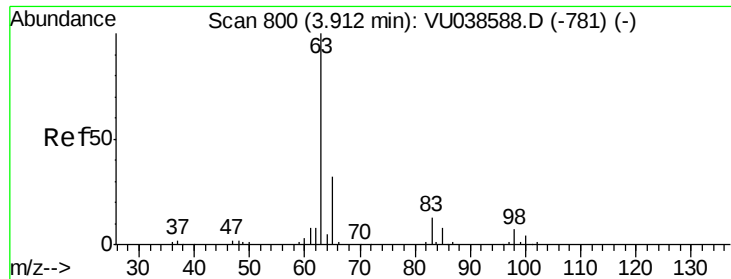


Abundance Ion 96.00 (95.70 to 96.70): VU038588.D (-622) (-)

Ion 61.05 (60.75 to 61.75): VU038588.D (-622) (-)

Ion 97.95 (97.65 to 98.65): VU038588.D (-622) (-)





#19

1,1-Dichloroethane

Concen: 1.846 ug/L

RT: 3.96 min Scan# 815

Delta R.T. 0.05 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampleId :

BFXD8

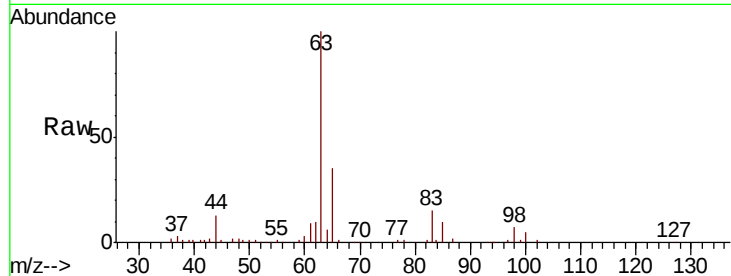
Tot Ion: 63 Resp: 64734

Ion Ratio Lower Upper

63 100

65 34.6 22.3 41.5

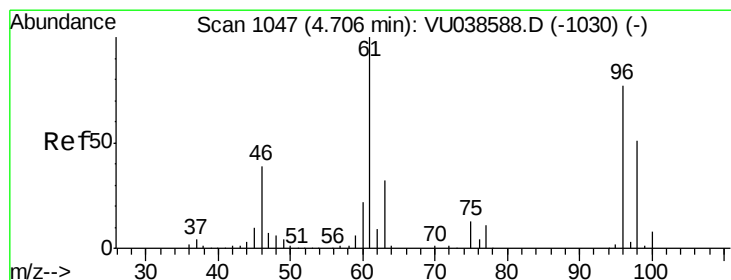
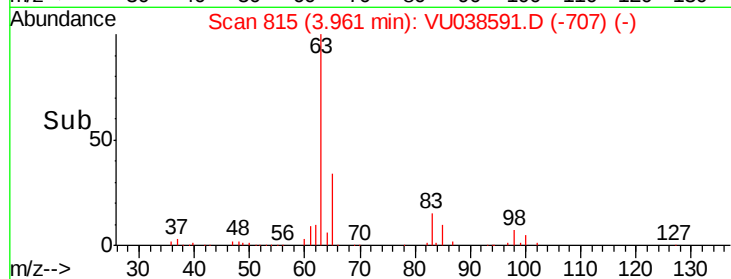
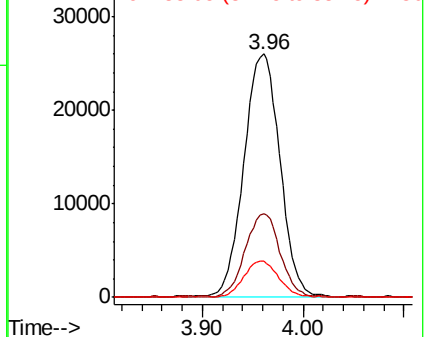
83 14.7 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038591.D (-707) (-)

Ion 65.10 (64.80 to 65.80): VU038591.D (-707) (-)

Ion 83.05 (82.75 to 83.75): VU038591.D (-707) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.111 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. 0.06 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

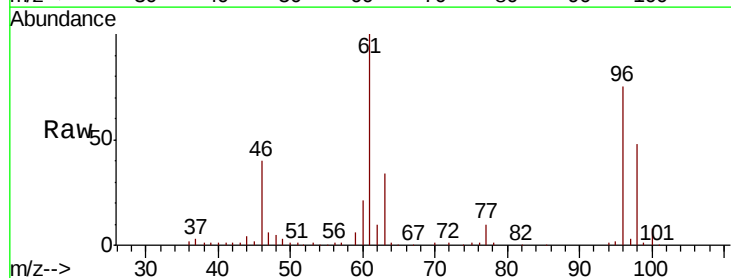
Tgt Ion: 96 Resp: 107822

Ion Ratio Lower Upper

96 100

61 133.9 94.0 174.6

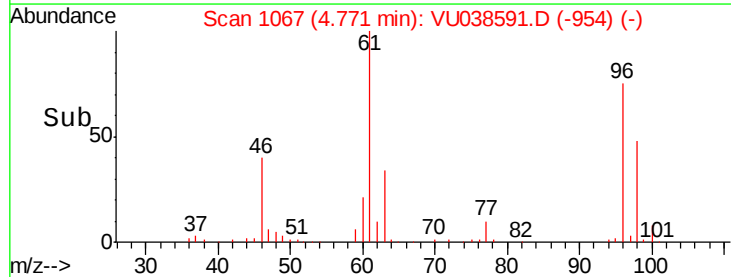
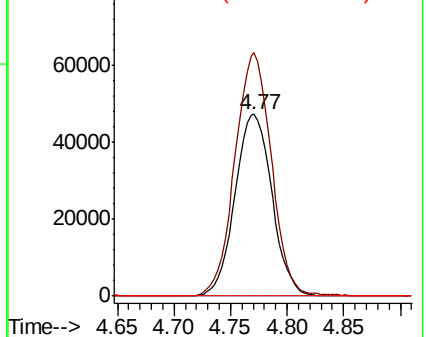
68 0.0 0.0 0.0

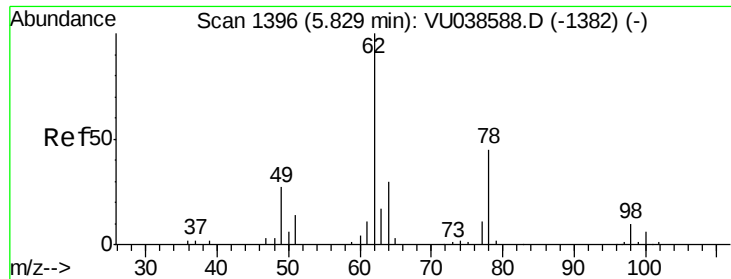


Abundance Ion 96.00 (95.70 to 96.70): VU038591.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038591.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038591.D (-954) (-)

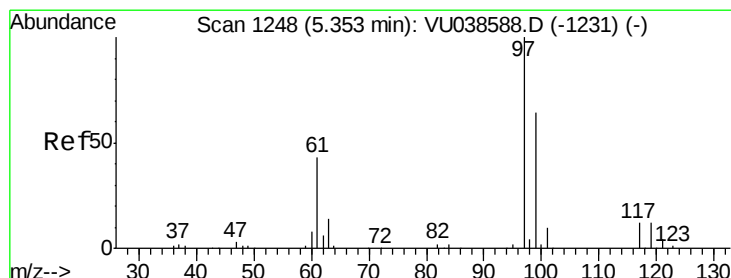
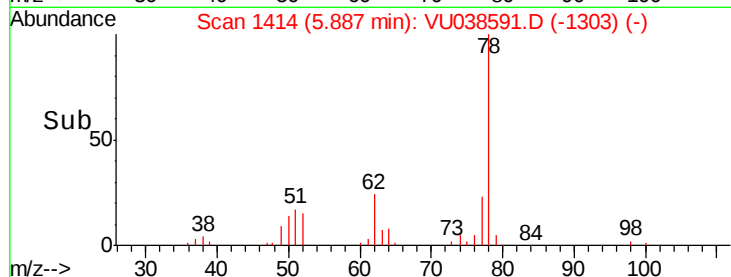
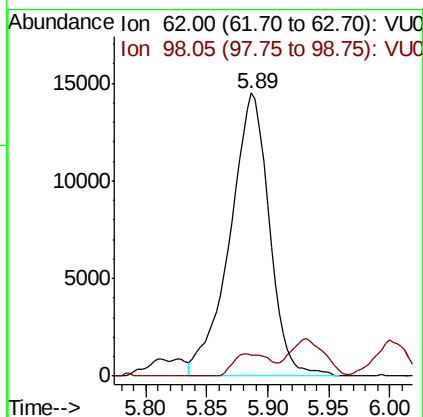
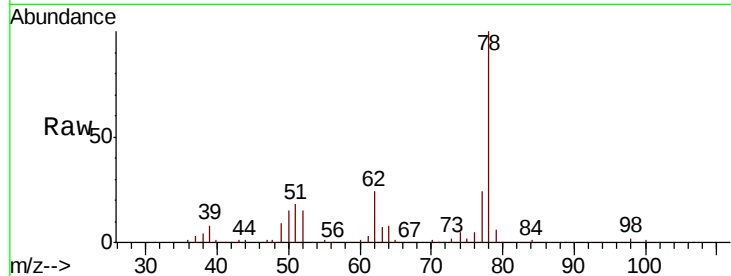




#27
 1,2-Dichloroethane
 Concen: 1.291 ug/L
 RT: 5.89 min Scan# 1414
 Delta R.T. 0.06 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

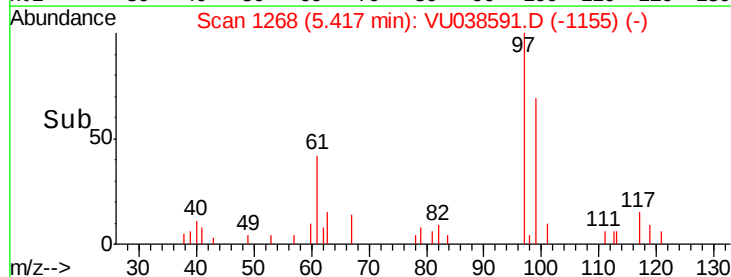
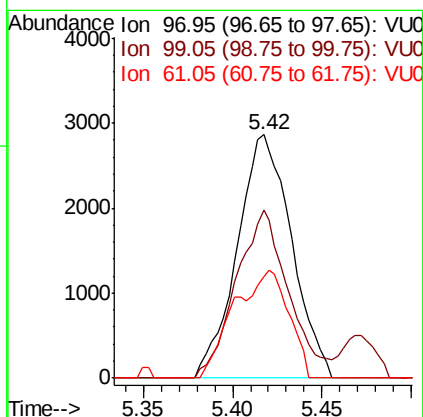
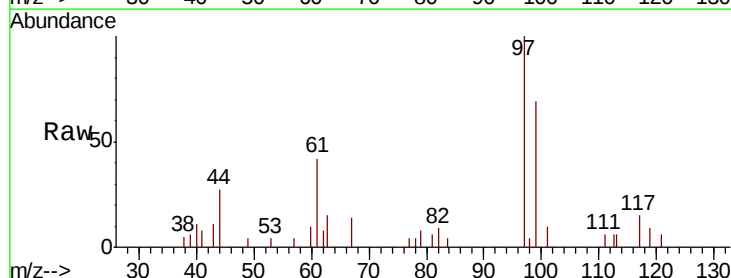
Instrument :
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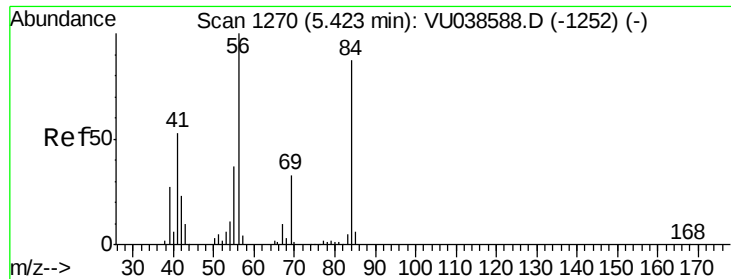
Tot Ion: 62 Resp: 32370
 Ion Ratio Lower Upper
 62 100
 98 7.6 7.4 11.2



#29
 1,1,1-Trichloroethane
 Concen: 0.200 ug/L
 RT: 5.42 min Scan# 1268
 Delta R.T. 0.06 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

Tgt Ion: 97 Resp: 6082
 Ion Ratio Lower Upper
 97 100
 99 67.0 52.2 78.2
 61 44.8 35.4 53.2

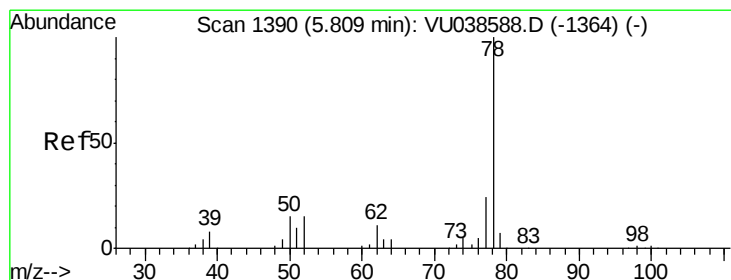
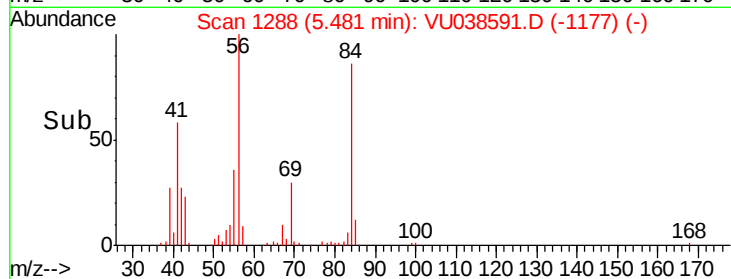
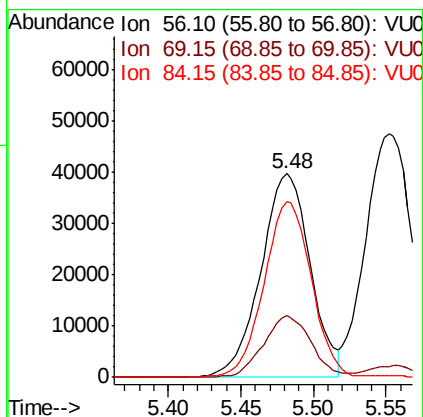
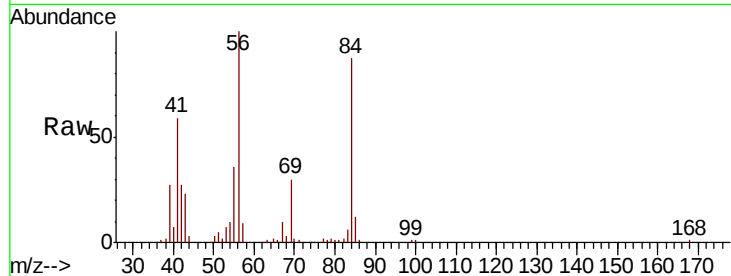




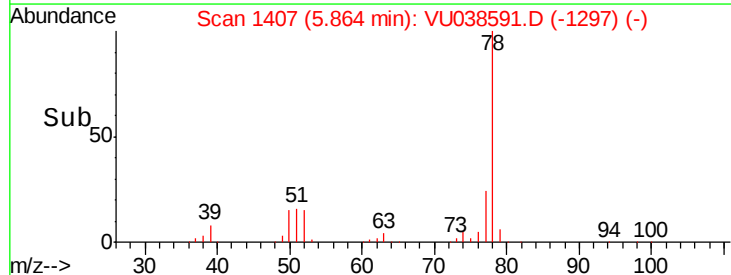
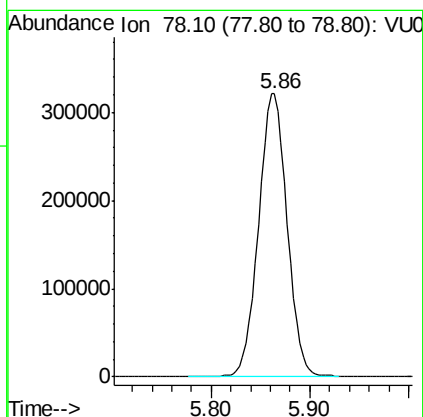
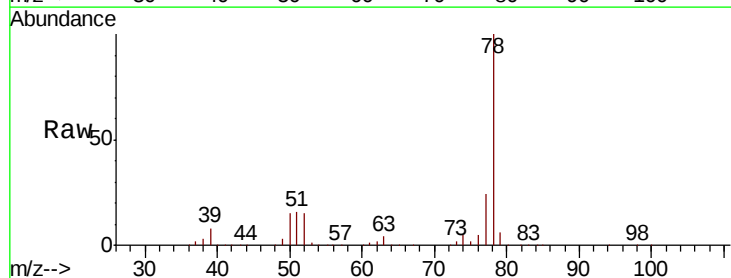
#30
Cyclohexane
Concen: 2.949 ug/L
RT: 5.48 min Scan# 1288
Delta R.T. 0.06 min
Lab File: VU038591.D
Acq: 06 Jun 2020 01:00

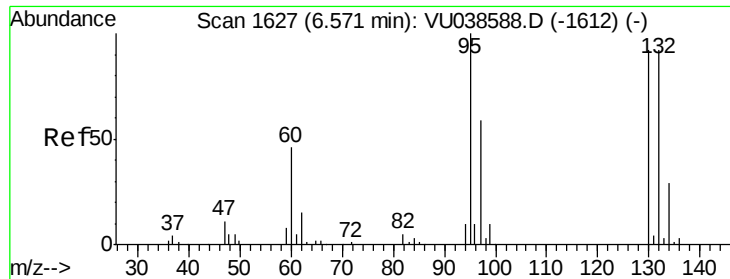
Instrument :
MSVOA_U
ClientSampleId :
BFXD8

Tot Ion: 56 Resp: 94127
Ion Ratio Lower Upper
56 100
69 29.3 24.2 36.4
84 82.2 70.8 106.2



#33
Benzene
Concen: 7.978 ug/L
RT: 5.86 min Scan# 1407
Delta R.T. 0.05 min
Lab File: VU038591.D
Acq: 06 Jun 2020 01:00
Tgt Ion: 78 Resp: 639868





#34

Trichloroethene

Concen: 1.267 ug/L

RT: 6.61 min Scan# 1639

Delta R.T. 0.04 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampled :

BFXD8

Tot Ion: 95 Resp: 26370

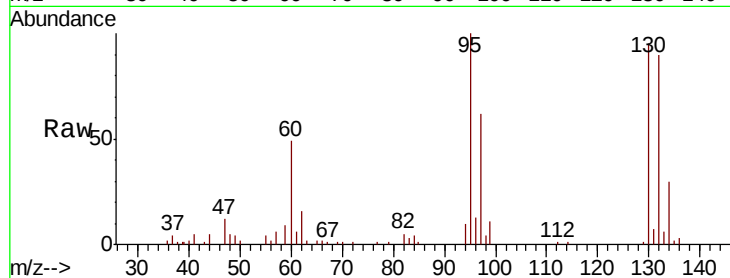
Ion Ratio Lower Upper

95 100

97 61.7 46.8 87.0

132 90.1 66.1 122.7

130 95.2 70.0 130.0

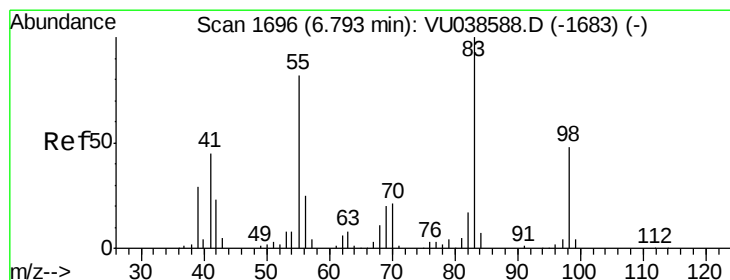
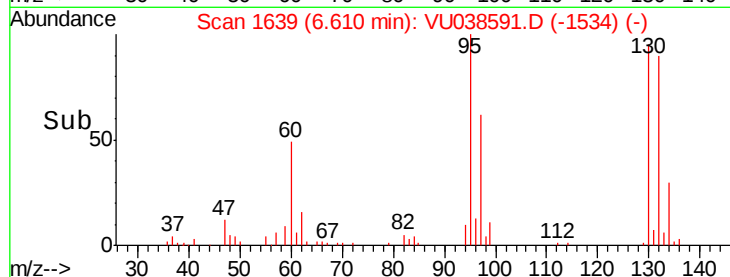
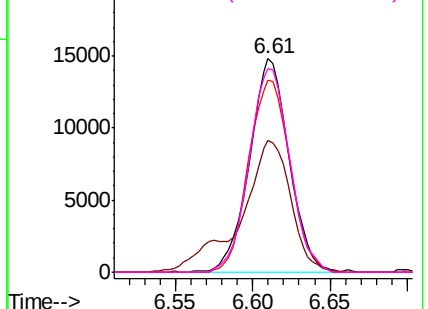


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 1.886 ug/L

RT: 6.83 min Scan# 1706

Delta R.T. 0.03 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

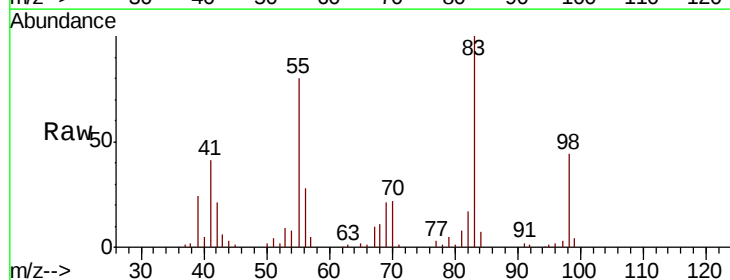
Tgt Ion: 83 Resp: 60771

Ion Ratio Lower Upper

83 100

55 100.9 63.4 95.2#

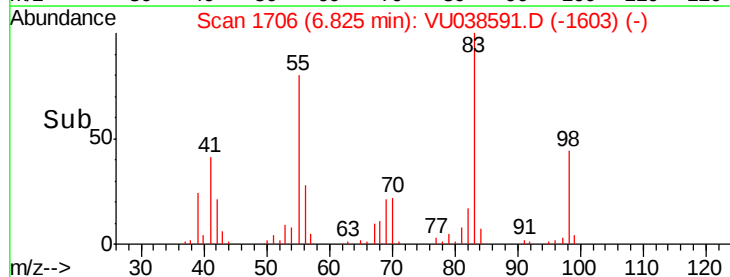
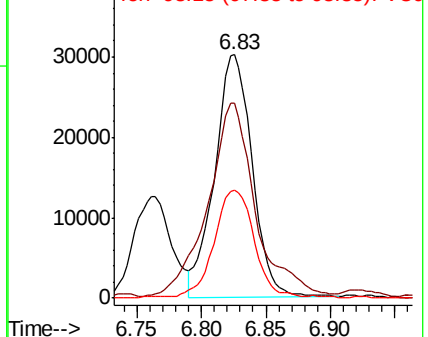
98 45.7 39.0 58.4

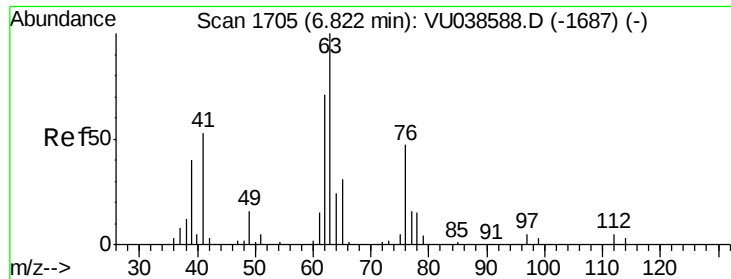


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

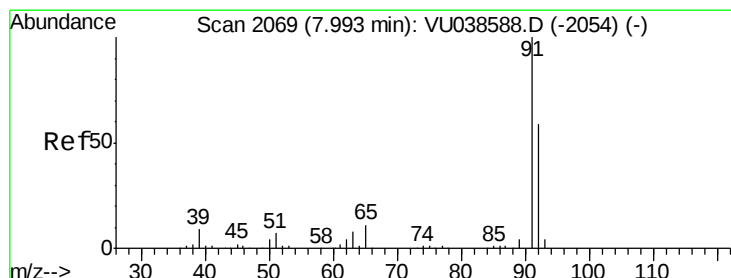
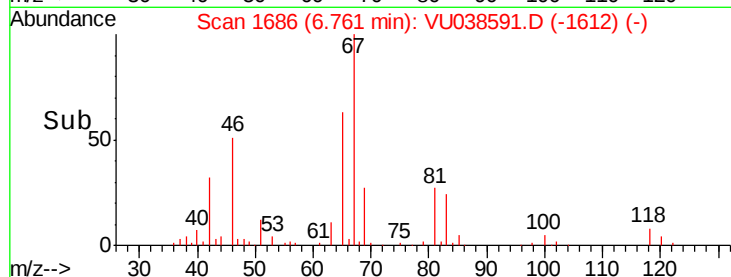
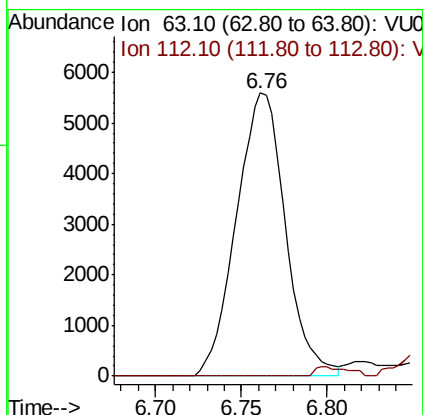
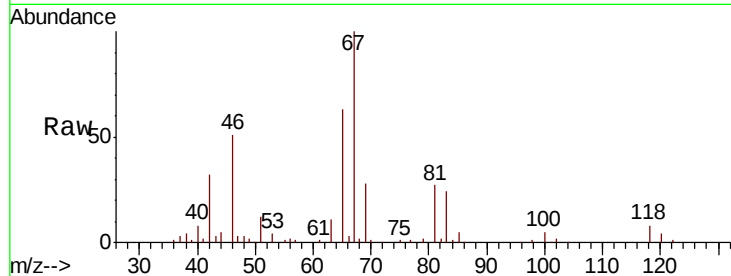




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.76 min Scan# 1686
 Delta R.T. -0.06 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

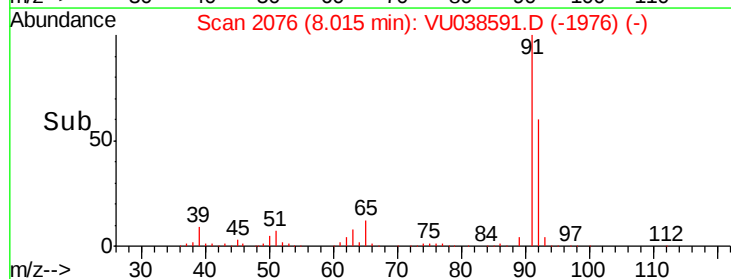
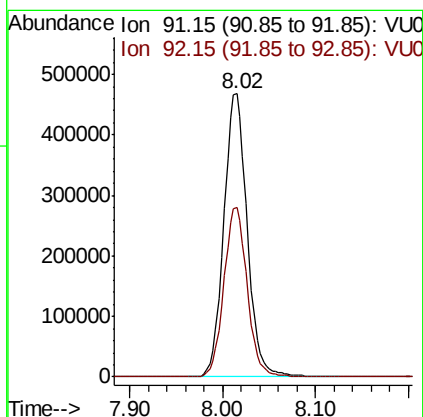
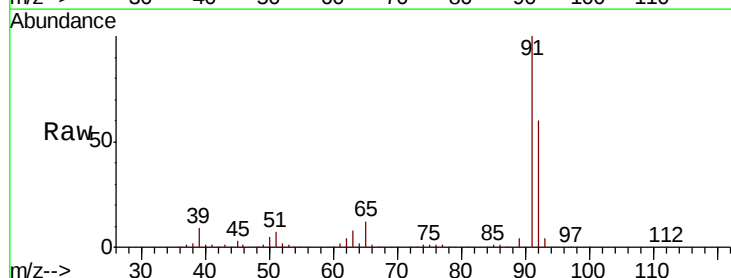
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD8

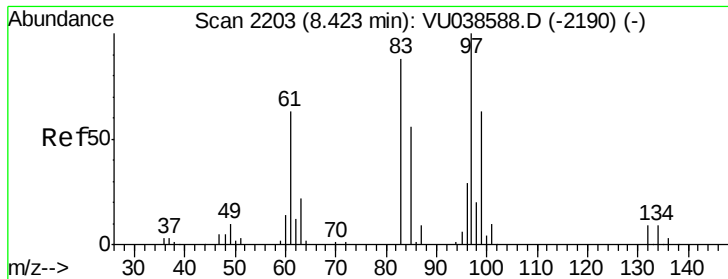
Tot Ion: 63 Resp: 11106
 Ion Ratio Lower Upper
 63 100
 112 2.2 3.7 5.5#



#42
 Toluene
 Concen: 9.736 ug/L
 RT: 8.02 min Scan# 2076
 Delta R.T. 0.02 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

Tgt Ion: 91 Resp: 819026
 Ion Ratio Lower Upper
 91 100
 92 59.7 43.0 79.8

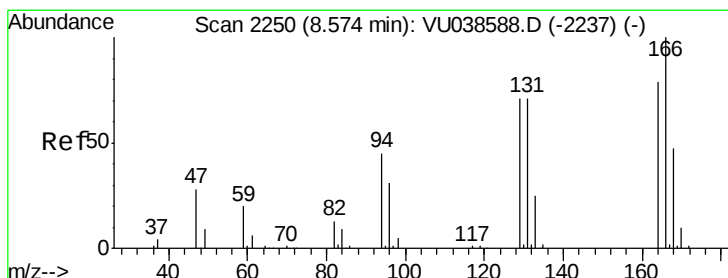
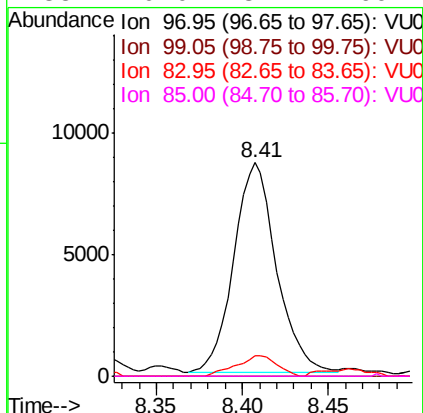
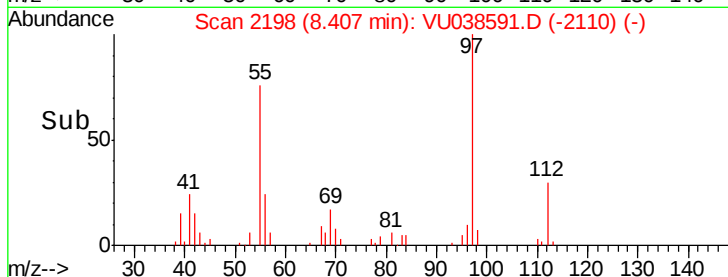
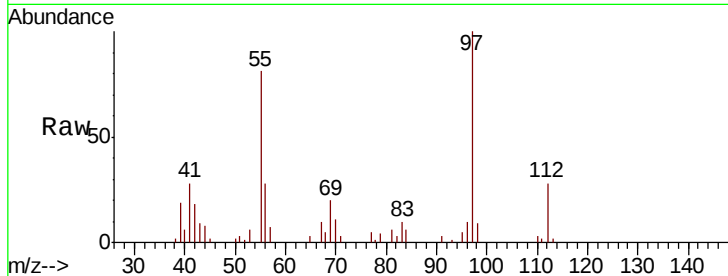




#45
 1,1,2-Trichloroethane
 Concen: 0.974 ug/L
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.02 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

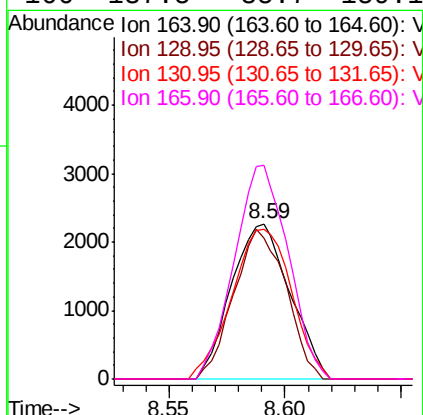
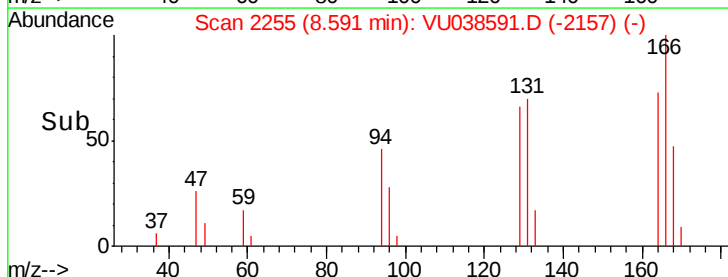
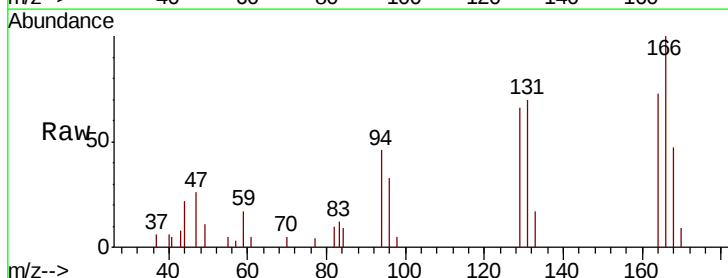
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD8

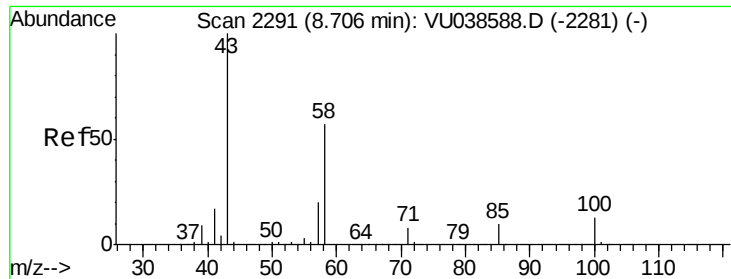
Tot Ion: 97 Resp: 14834
 Ion Ratio Lower Upper
 97 100
 99 0.0 42.1 78.1#
 83 9.7 58.8 109.2#
 85 0.0 37.4 69.4#



#47
 Tetrachloroethene
 Concen: 0.263 ug/L
 RT: 8.59 min Scan# 2255
 Delta R.T. 0.02 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

Tgt Ion: 164 Resp: 3979
 Ion Ratio Lower Upper
 164 100
 129 91.1 67.4 125.2
 131 96.3 64.1 119.1
 166 137.5 85.7 159.1

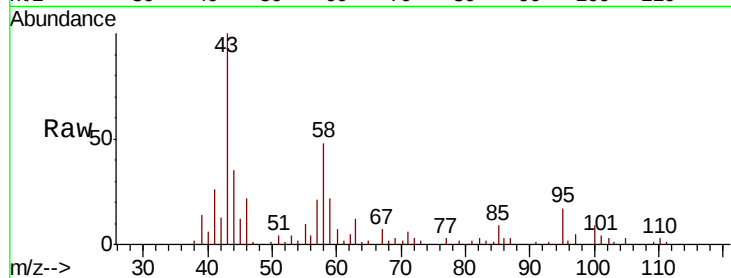




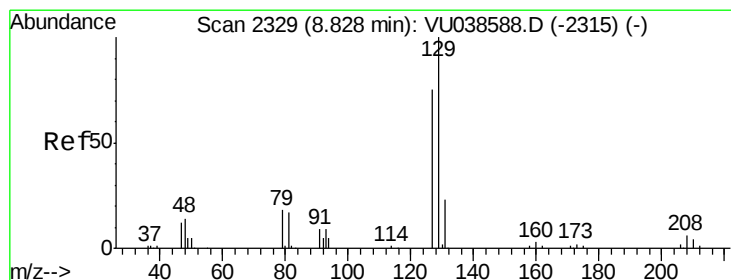
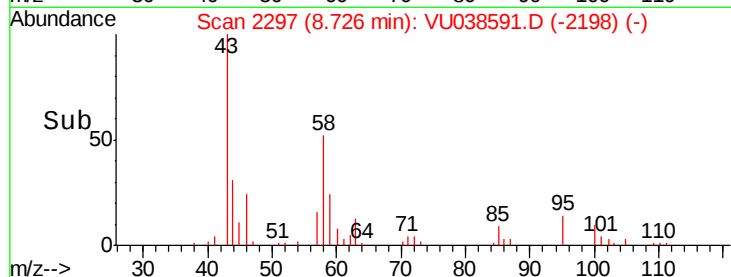
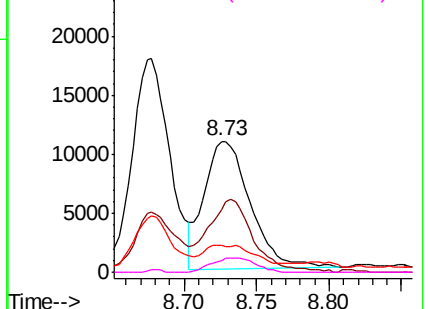
#48
2-Hexanone
Concen: 2.206 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.02 min
Lab File: VU038591.D
Acq: 06 Jun 2020 01:00

Instrument :
MSVOA_U
ClientSampleId :
BFXD8

Tot Ion: 43 Resp: 24109
Ion Ratio Lower Upper
43 100
58 56.4 45.4 68.0
57 3.8 15.9 23.9#
100 10.6 10.5 15.7

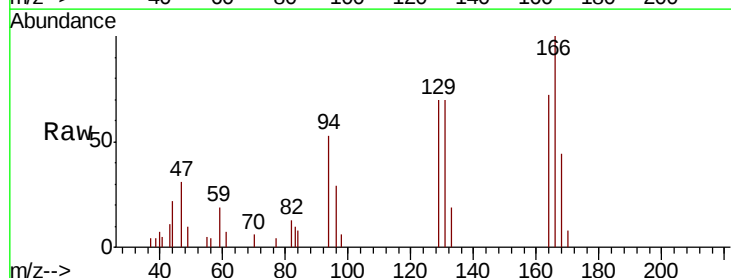


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

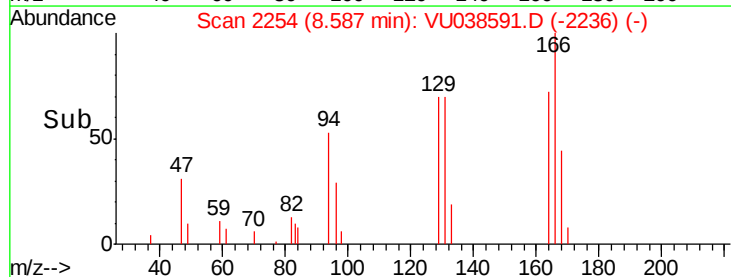
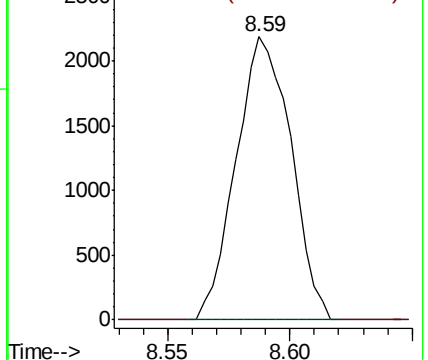


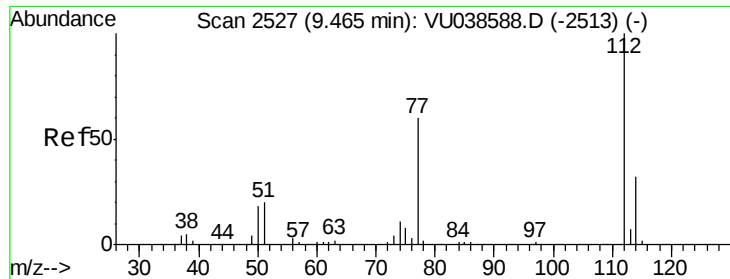
#49
Dibromochloromethane
Concen: 0.208 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. -0.24 min
Lab File: VU038591.D
Acq: 06 Jun 2020 01:00

Tgt Ion: 129 Resp: 3417
Ion Ratio Lower Upper
129 100
127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#51

Chlorobenzene

Concen: 7.619 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. 0.01 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampleId :

BFXD8

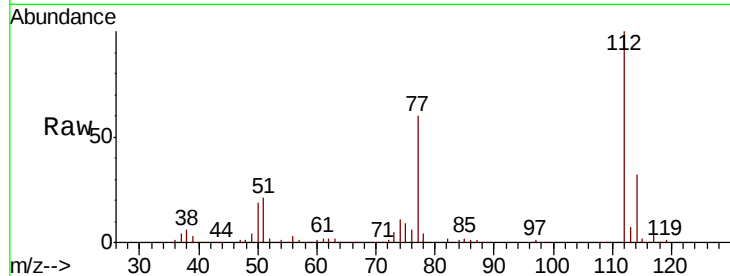
Tot Ion:112 Resp: 413311

Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

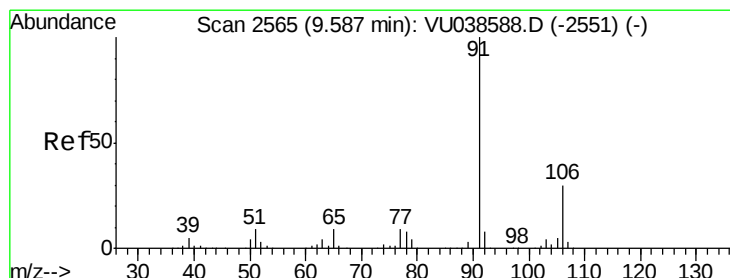
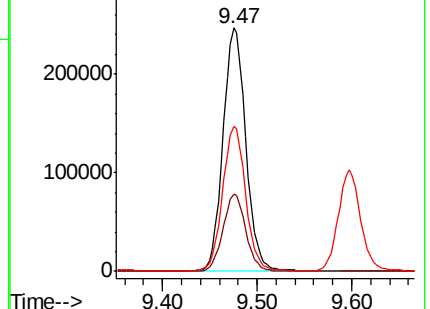
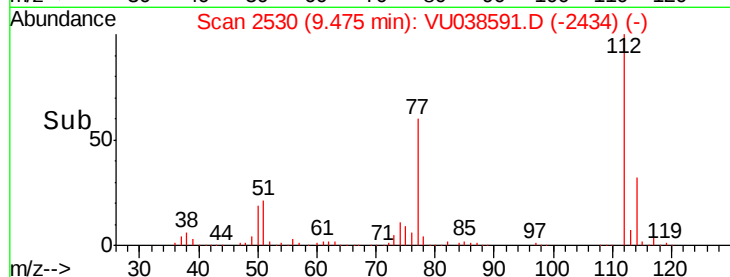
77 59.8 47.1 70.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 20.559 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.01 min

Lab File: VU038591.D

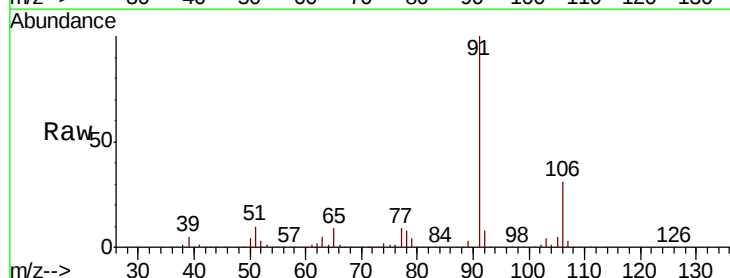
Acq: 06 Jun 2020 01:00

Tgt Ion: 91 Resp: 1924124

Ion Ratio Lower Upper

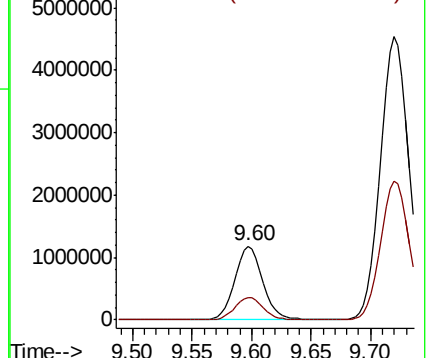
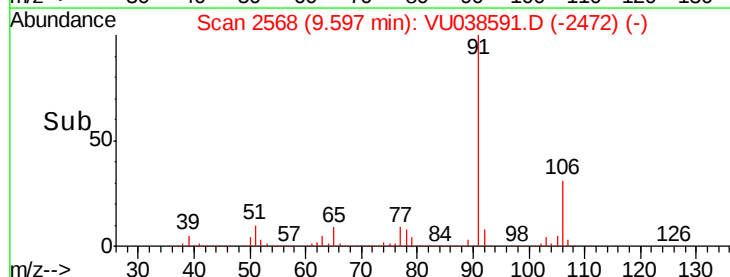
91 100

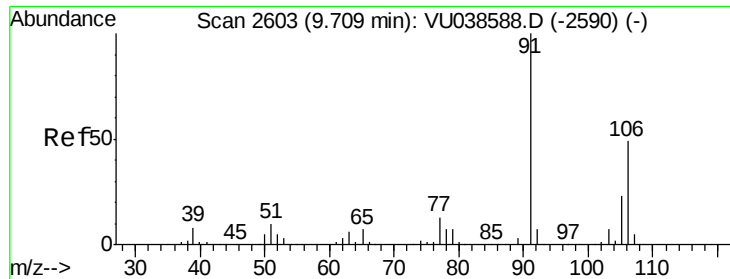
106 30.9 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 104.489 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.01 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampled :

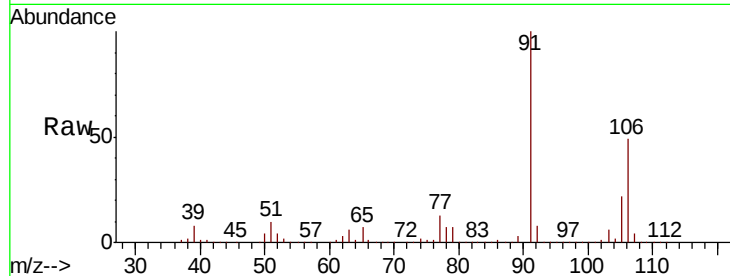
BFXD8

Tot Ion:106 Resp: 3760992

Ion Ratio Lower Upper

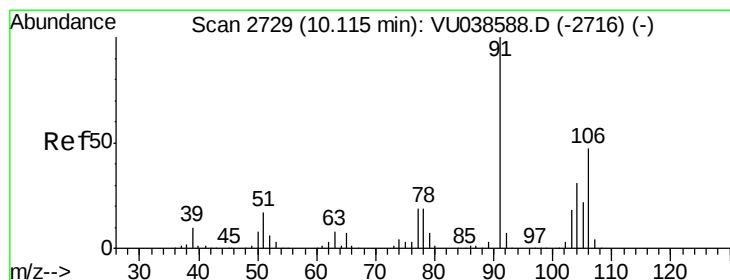
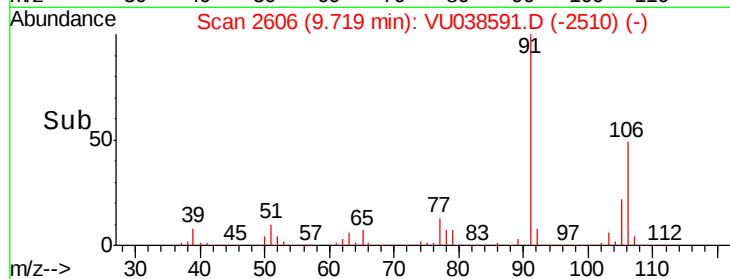
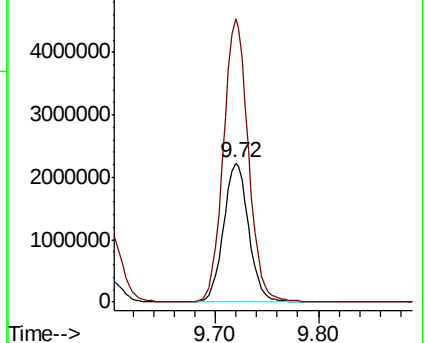
106 100

91 203.4 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 67.524 ug/L

RT: 10.12 min Scan# 2732

Delta R.T. 0.01 min

Lab File: VU038591.D

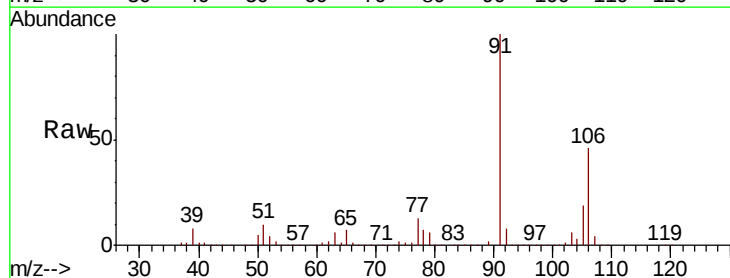
Acq: 06 Jun 2020 01:00

Tgt Ion:106 Resp: 2333148

Ion Ratio Lower Upper

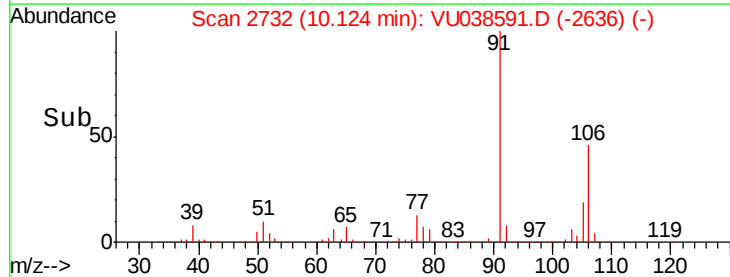
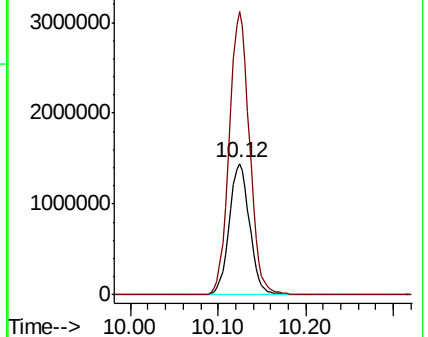
106 100

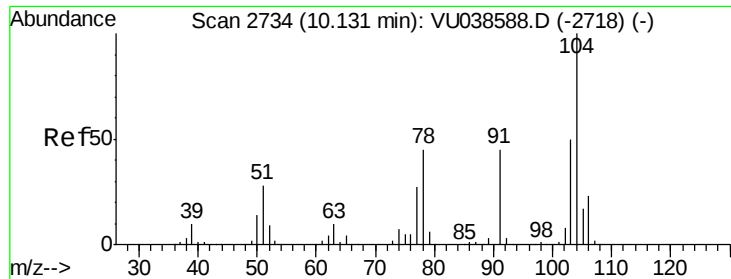
91 215.6 150.6 279.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 2.372 ug/L

RT: 10.12 min Scan# 2732

Delta R.T. -0.01 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampled :

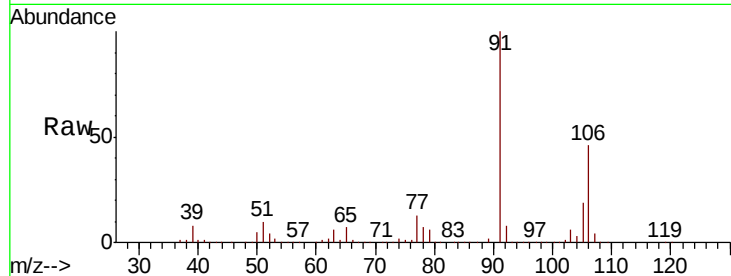
BFXD8

Tot Ion:104 Resp: 139145

Ion Ratio Lower Upper

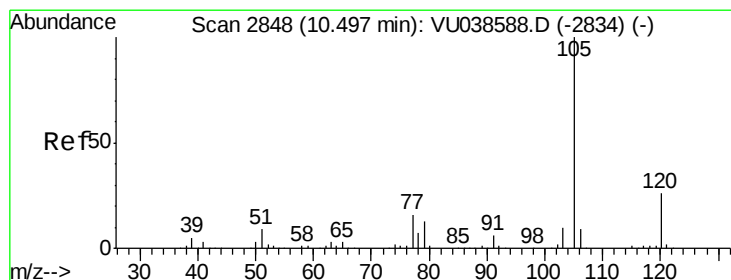
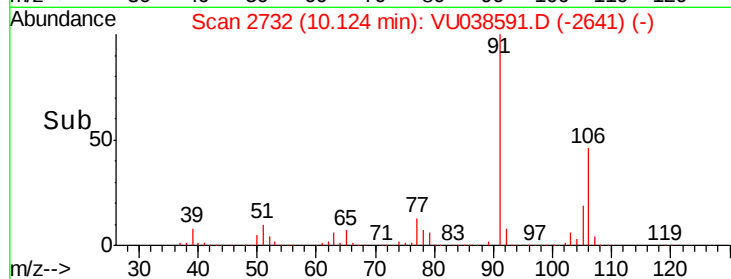
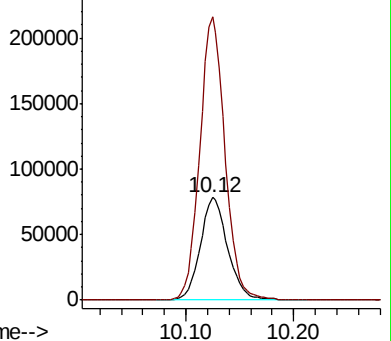
104 100

78 275.5 31.9 59.3#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 3.945 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.01 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

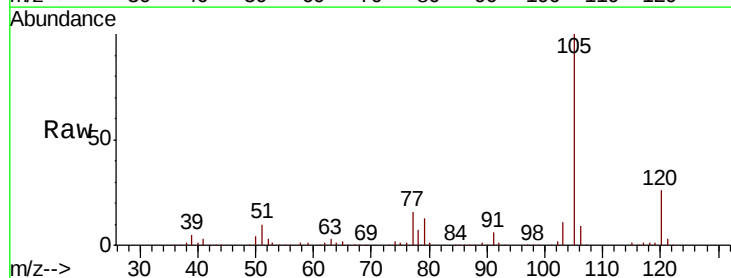
Tgt Ion:105 Resp: 358786

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

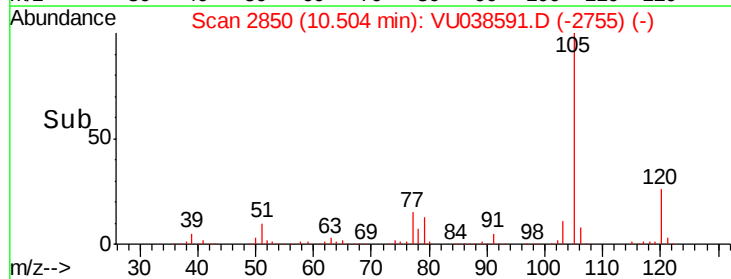
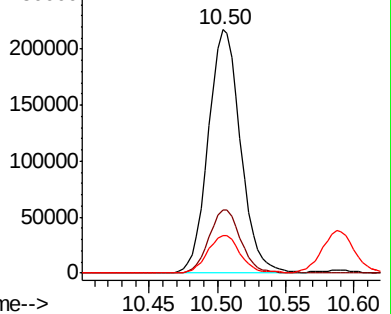
77 16.0 12.5 18.7

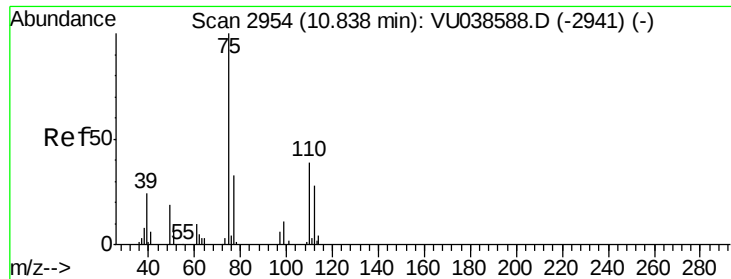


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.498 ug/L

RT: 10.92 min Scan# 2980

Delta R.T. 0.08 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampled :

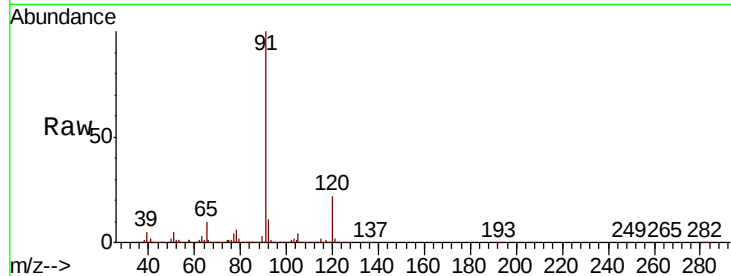
BFXD8

Tot Ion: 75 Resp: 7507

Ion Ratio Lower Upper

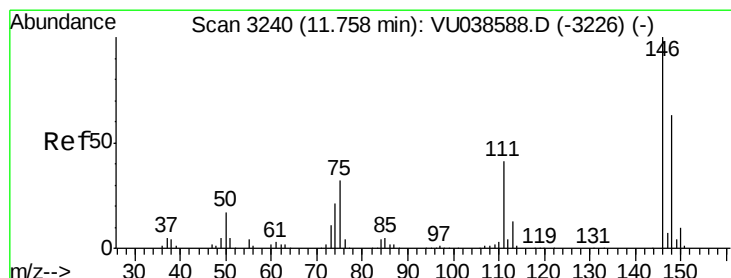
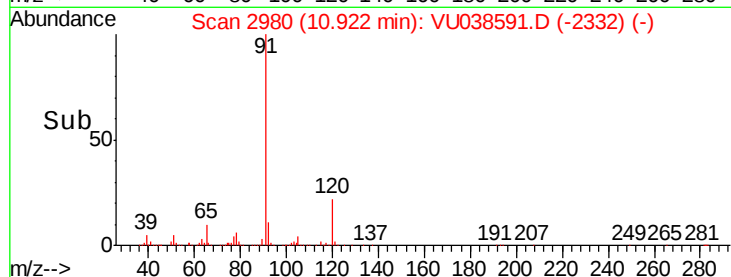
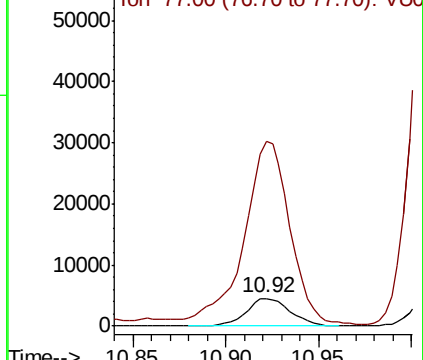
75 100

77 692.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 0.443 ug/L

RT: 11.76 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

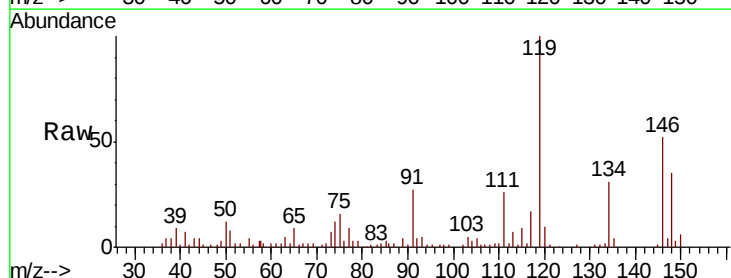
Tgt Ion: 146 Resp: 20162

Ion Ratio Lower Upper

146 100

111 49.4 29.5 54.9

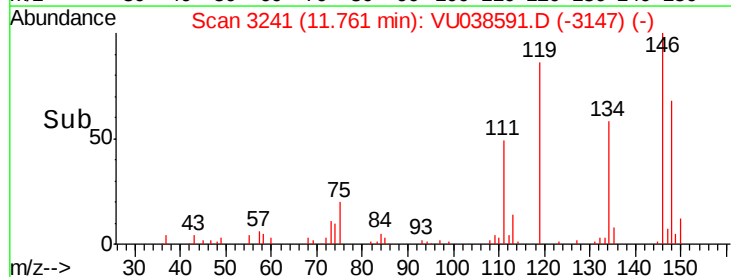
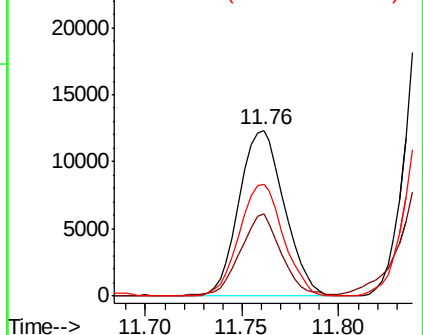
148 67.7 45.6 84.6

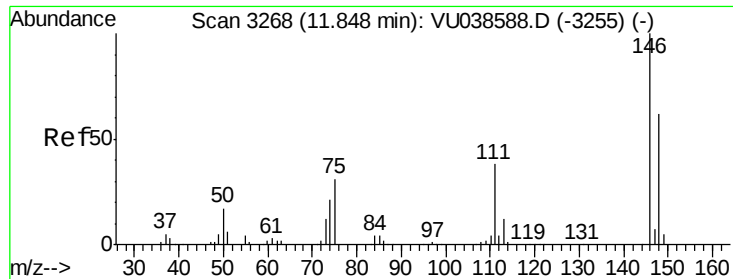


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

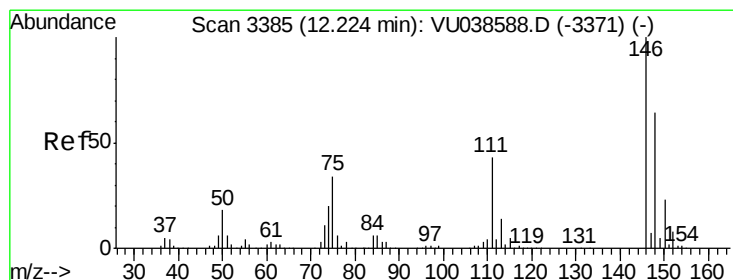
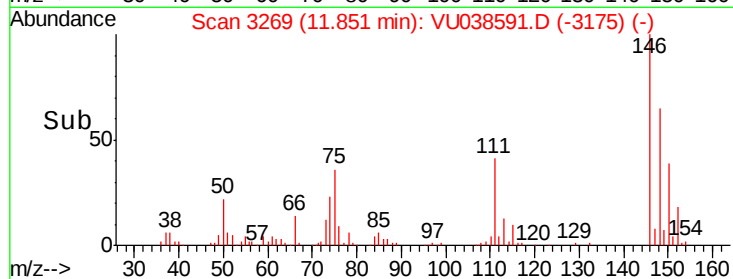
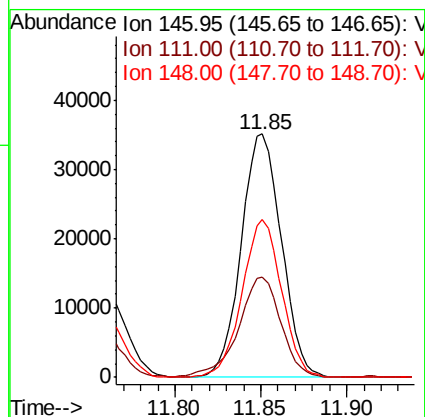
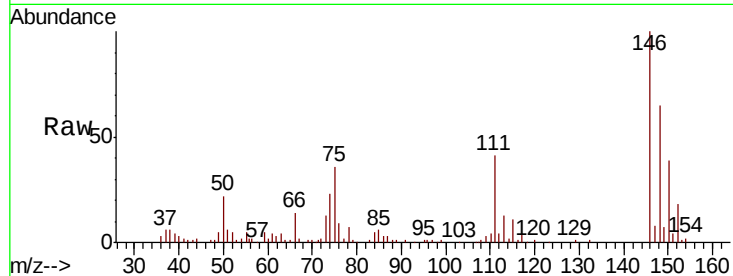




#63
 1,4-Dichlorobenzene
 Concen: 1.235 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

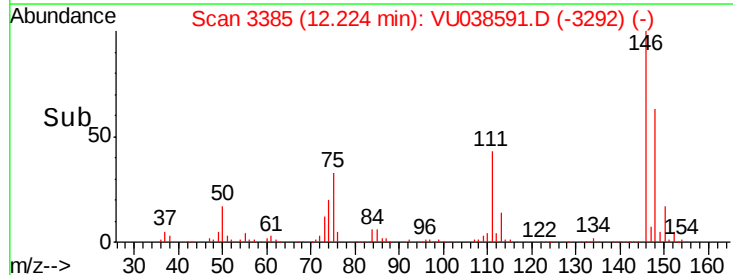
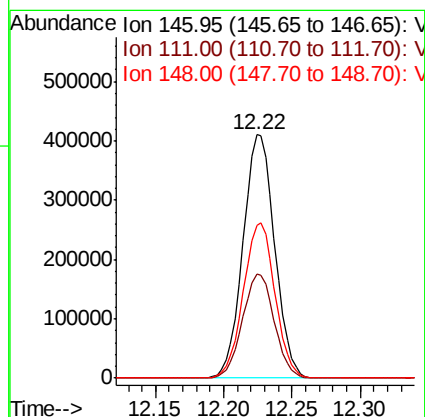
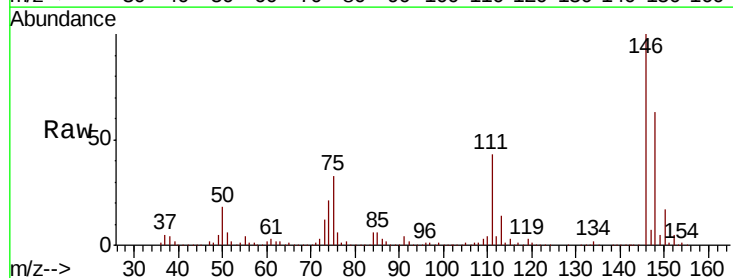
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD8

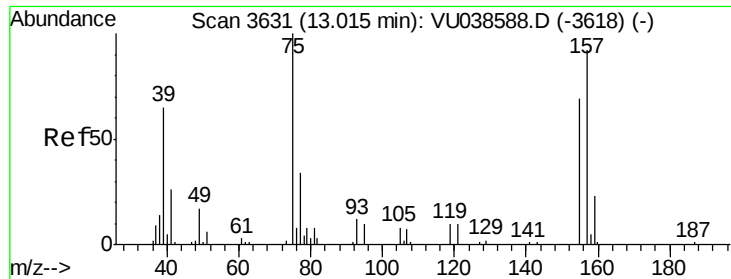
Tot Ion:146 Resp: 57014
 Ion Ratio Lower Upper
 146 100
 111 41.4 27.6 51.2
 148 64.7 44.8 83.2



#65
 1,2-Dichlorobenzene
 Concen: 15.261 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. 0.00 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

Tgt Ion:146 Resp: 659920
 Ion Ratio Lower Upper
 146 100
 111 42.7 35.1 52.7
 148 62.6 50.9 76.3

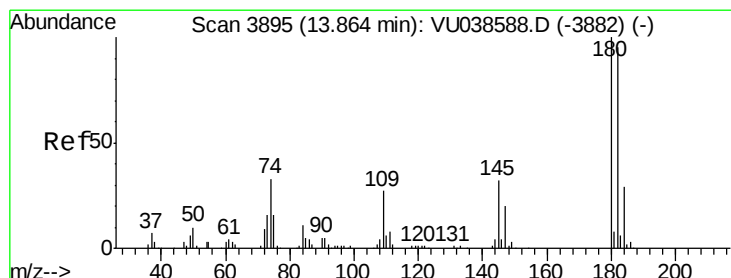
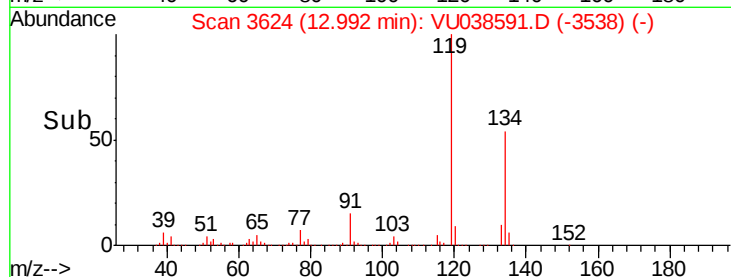
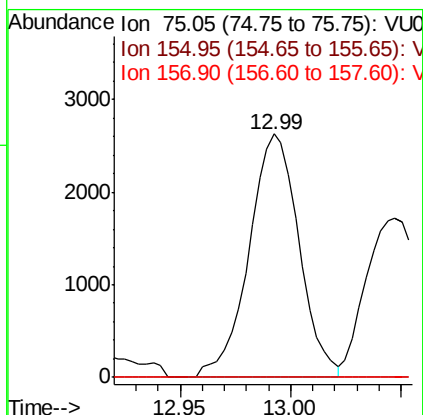
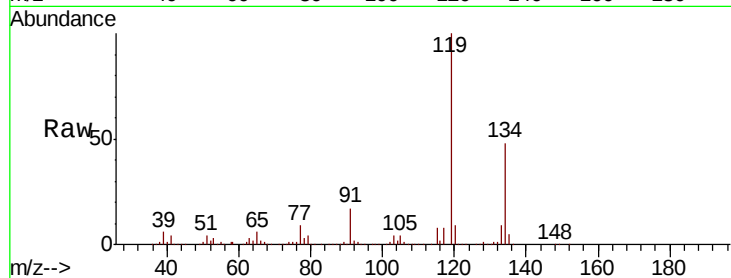




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.176 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. -0.02 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

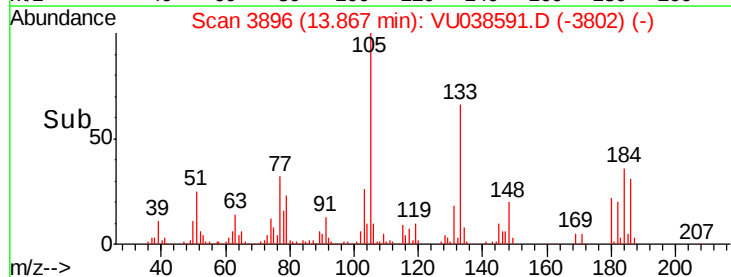
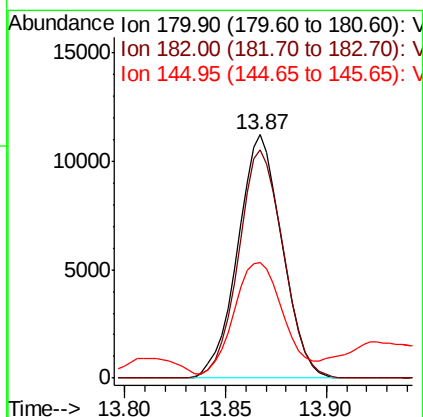
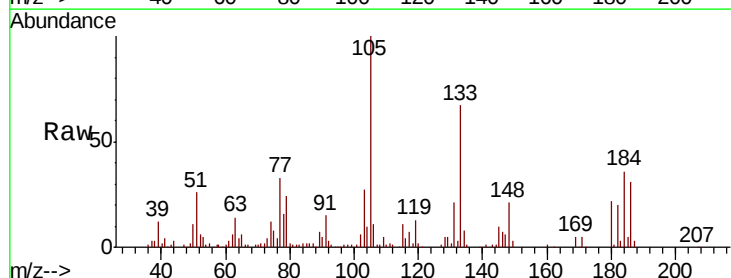
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD8

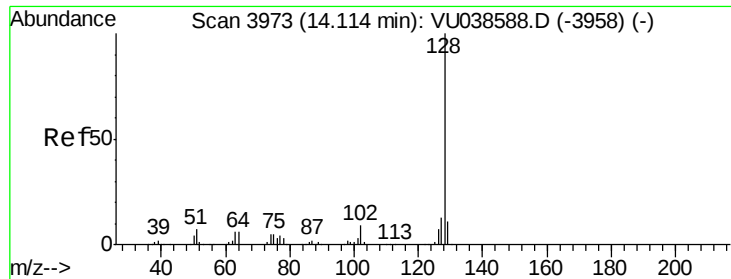
Tot Ion: 75 Resp: 4116
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.6 89.4#
 157 0.0 79.8 119.6#



#68
 1,2,4-trichlorobenzene
 Concen: 0.550 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038591.D
 Acq: 06 Jun 2020 01:00

Tgt Ion:180 Resp: 17304
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.8
 145 49.8 25.3 37.9#





#69

Naphthalene

Concen: 4.489 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

Instrument :

MSVOA_U

ClientSampleId :

BFXD8

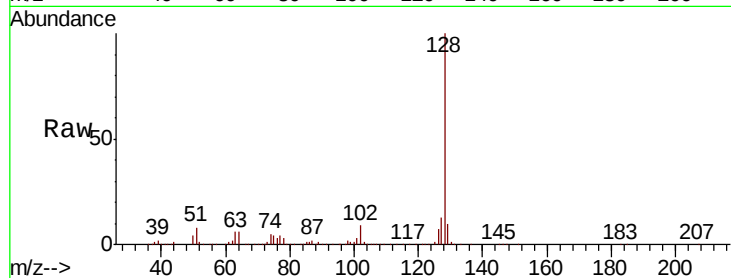
Tot Ion:128 Resp: 280916

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

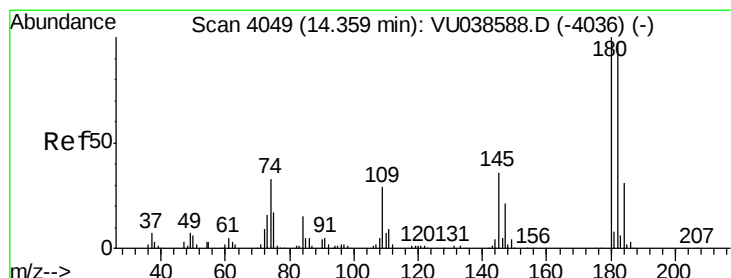
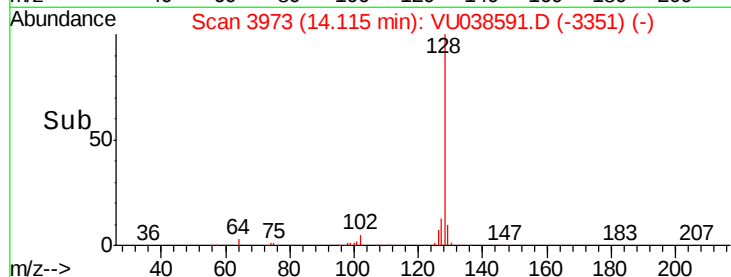
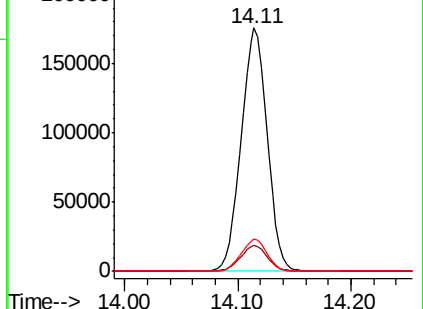
127 13.2 10.2 15.4



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: 0.217 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. 0.00 min

Lab File: VU038591.D

Acq: 06 Jun 2020 01:00

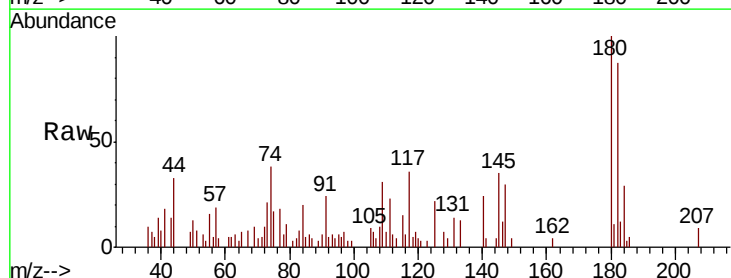
Tgt Ion:180 Resp: 6201

Ion Ratio Lower Upper

180 100

182 95.2 78.7 118.1

145 71.2 27.5 41.3#



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

