

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040438.D
 Acq On : 01 Oct 2020 22:37
 Operator : SY/MD
 Sample : L4240-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5

Quant Time: Oct 02 05:28:47 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	148007	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27410	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.92	69	27460	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.58	63	45597	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.65	46	178169	48.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.90%
24) Chloroform-d	5.08	84	76753	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	49707	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.75	84	139196	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.70	67	52025	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.91	98	113193	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.19	79	19602	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	141079	60.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50970	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	52446	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Ovalue
3) Chloromethane	1.54	50	2587	0.178 ug/L #	42
5) Vinyl chloride	1.61	62	12127	0.848 ug/L #	1
8) Chloroethane	1.94	64	35832	4.226 ug/L #	70
12) 1,1-Dichloroethene	2.59	96	2011	0.178 ug/L #	1
13) Acetone	2.61	43	124191	40.946 ug/L	52
14) Carbon disulfide	2.80	76	8789	0.247 ug/L #	93
16) Methylene chloride	3.04	84	5570	0.393 ug/L #	1
17) Methyl tert-butyl Ether	3.41	73	14553	0.469 ug/L #	1
19) 1,1-Dichloroethane	3.89	63	52694	2.203 ug/L	94
21) 2-Butanone	4.68	43	138855	28.522 ug/L #	57
22) cis-1,2-Dichloroethene	4.69	96	11529	0.894 ug/L #	93
25) Chloroform	5.15	83	12106	0.496 ug/L #	1
29) 1,1,1-Trichloroethane	5.34	97	72935	4.020 ug/L	99
30) Cyclohexane	5.41	56	1986503	105.852 ug/L	98
31) Carbon tetrachloride	5.33	117	9185	0.590 ug/L	99
33) Benzene	5.79	78	2686	0.060 ug/L	100
35) Methylcyclohexane	6.78	83	44554	2.570 ug/L	91

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

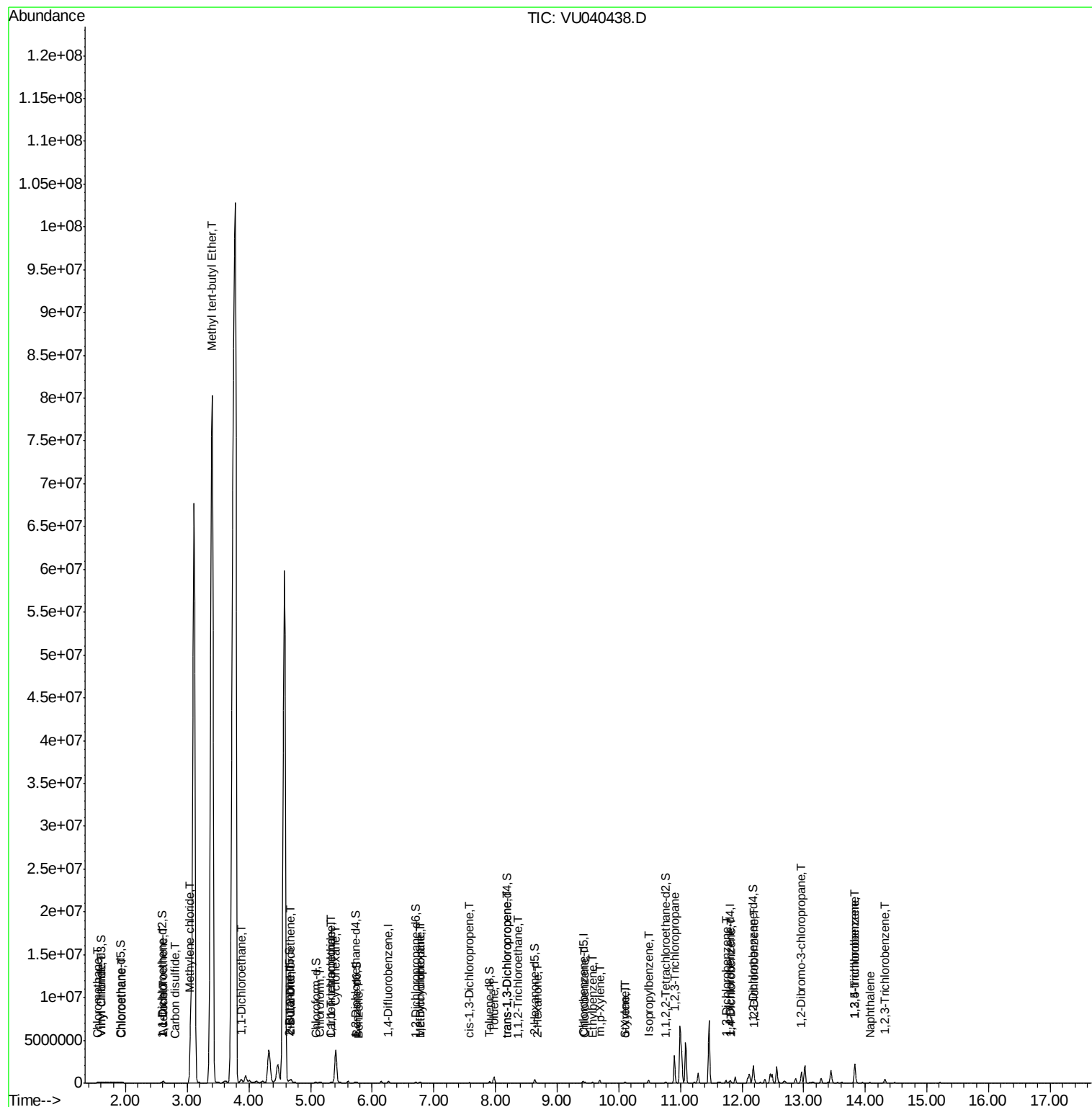
37) 1,2-Dichloropropane	6.78	63	802	0.065	ug/L #	1
39) cis-1,3-Dichloropropene	7.57	75	1363	0.082	ug/L #	61
42) Toluene	7.98	91	502883	11.015	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	989	0.065	ug/L #	71
45) 1,1,2-Trichloroethane	8.37	97	4442	0.511	ug/L #	17
48) 2-Hexanone	8.69	43	18825	2.631	ug/L	98
51) Chlorobenzene	9.45	112	62887	2.130	ug/L	100
52) Ethylbenzene	9.57	91	81588	1.647	ug/L	98
53) m,p-Xylene	9.69	106	86380	4.680	ug/L	97
54) o-Xylene	10.10	106	27092	1.560	ug/L	98
55) Styrene	10.10	104	1948	0.064	ug/L #	1
56) Isopropylbenzene	10.48	105	202820	4.329	ug/L	100
59) 1,2,3-Trichloropropane	10.90	75	15971	1.777	ug/L #	1
62) 1,3-Dichlorobenzene	11.74	146	8035	0.371	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	26523	1.177	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	9196	0.437	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.96	75	6088	3.208	ug/L #	10
67) 1,3,5-Trichlorobenzene	13.83	180	575547	37.222	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	575547	46.322	ug/L	99
69) Naphthalene	14.08	128	49745	2.343	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	124467	10.948	ug/L	100

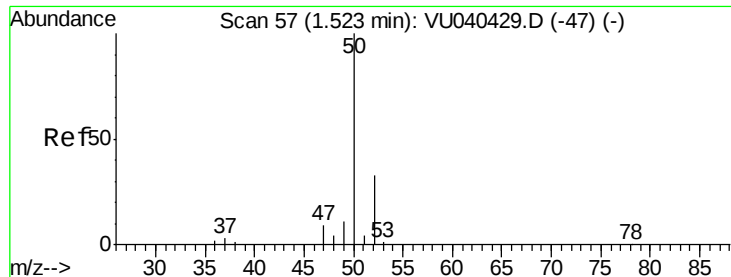
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.02 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampled :

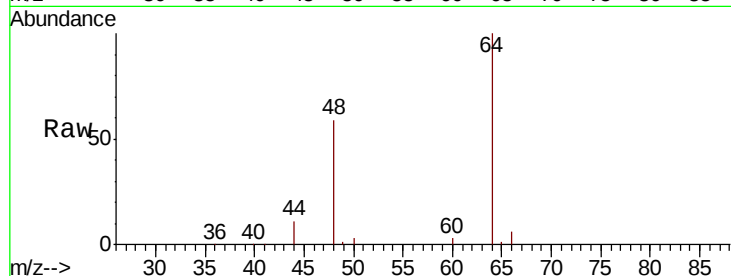
BG3S5

Tot Ion: 50 Resp: 2587

Ion Ratio Lower Upper

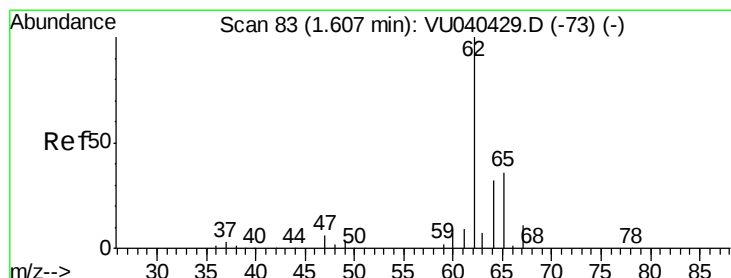
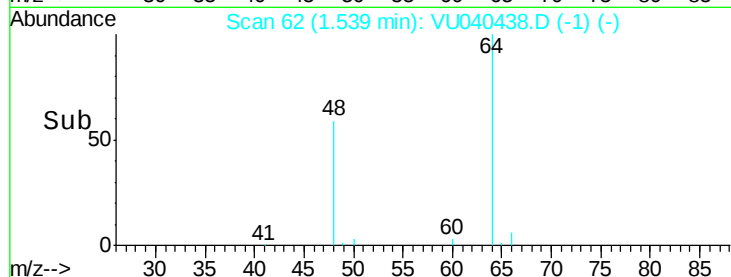
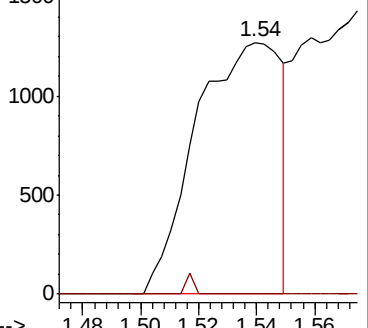
50 100

52 0.0 23.0 42.6#



Abundance Ion 50.05 (49.75 to 50.75): VU040438.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040438.D (-1) (-)



#5

Vinyl chloride

Concen: 0.848 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU040438.D

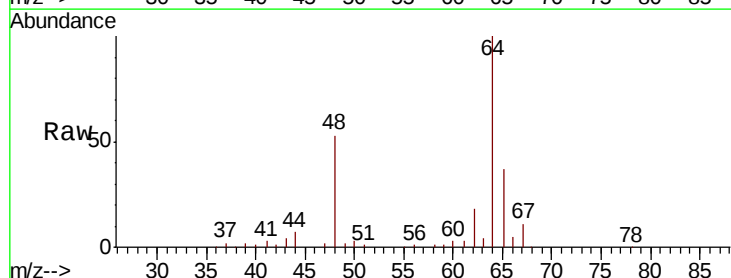
Acq: 01 Oct 2020 22:37

Tgt Ion: 62 Resp: 12127

Ion Ratio Lower Upper

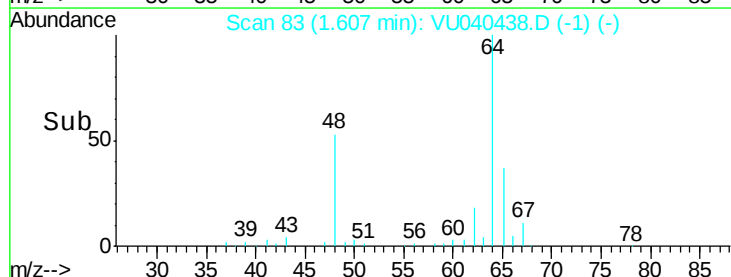
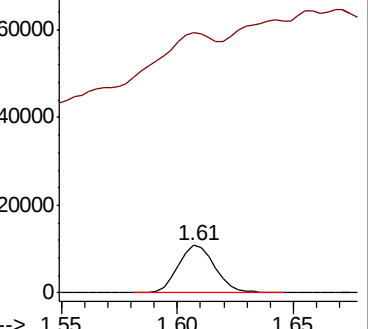
62 100

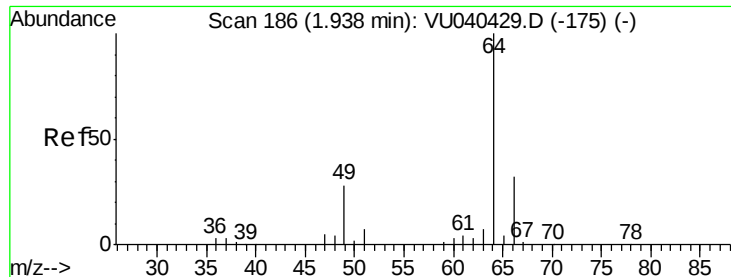
64 545.3 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU040438.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU040438.D (-1) (-)

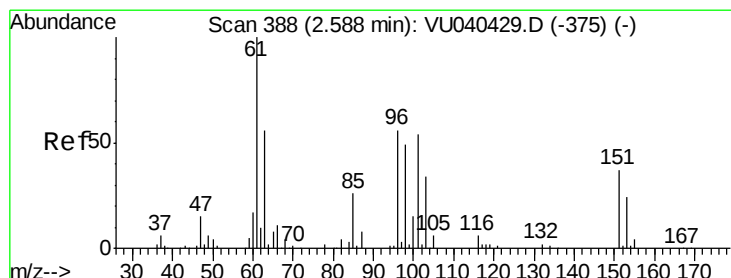
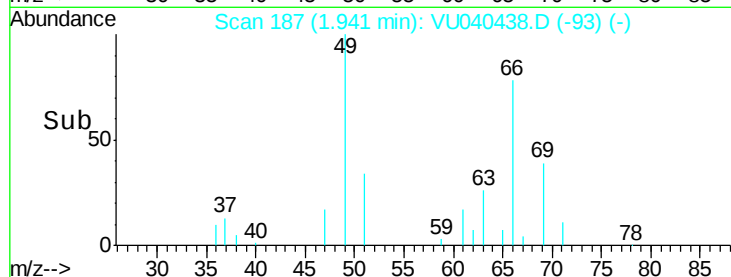
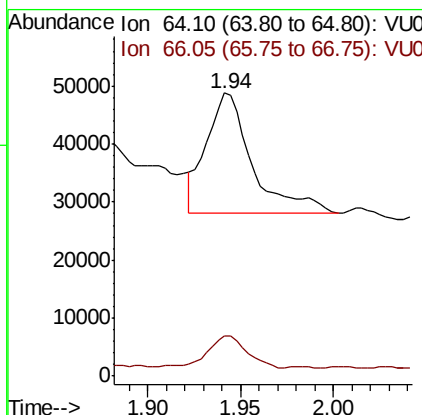
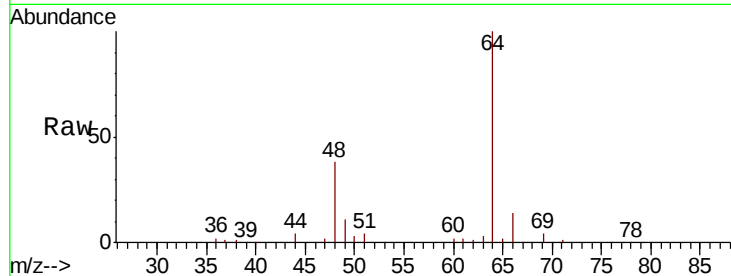




#8
Chloroethane
Concen: 4.226 ug/L
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

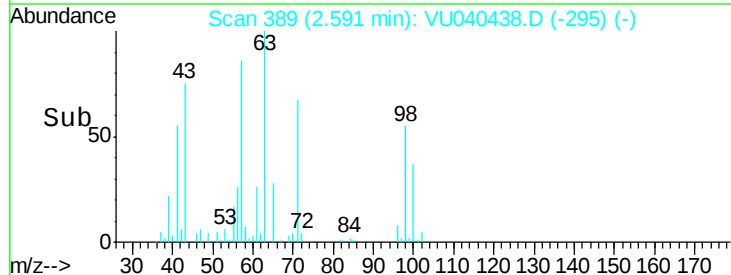
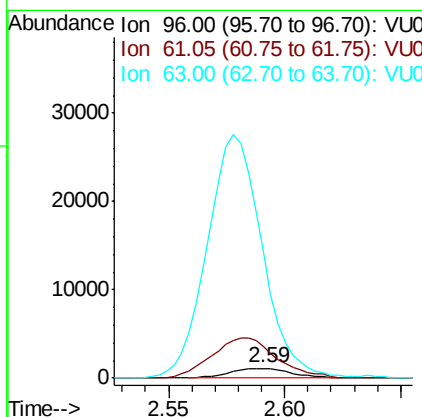
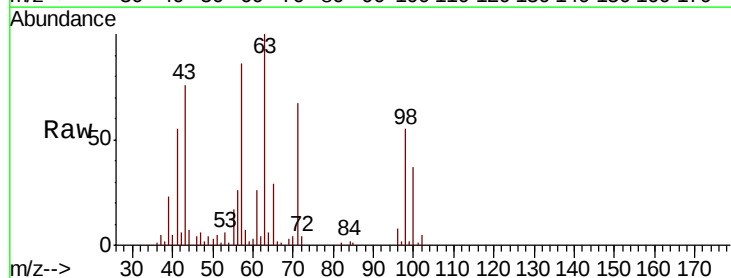
Instrument :
MSVOA_U
ClientSampled :
BG3S5

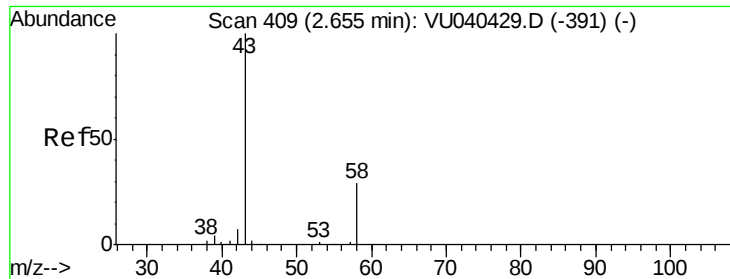
Tot Ion: 64 Resp: 35832
Ion Ratio Lower Upper
64 100
66 14.0 21.3 39.6#



#12
1,1-Dichloroethene
Concen: 0.178 ug/L
RT: 2.59 min Scan# 389
Delta R.T. 0.00 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

Tgt Ion: 96 Resp: 2011
Ion Ratio Lower Upper
96 100
61 327.9 128.6 238.8#
63 1281.8 67.8 126.0#





#13

Acetone

Concen: 40.946 ug/L

RT: 2.61 min Scan# 396

Delta R.T. -0.04 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampleID :

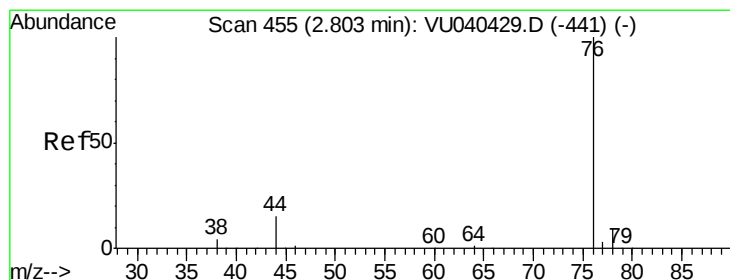
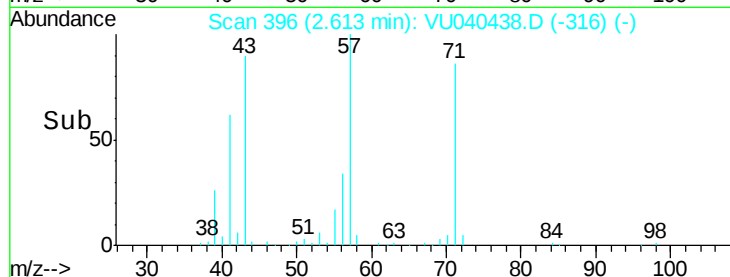
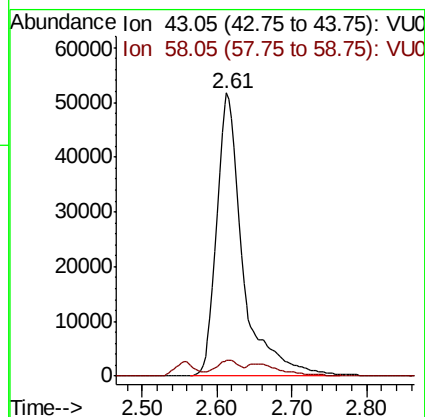
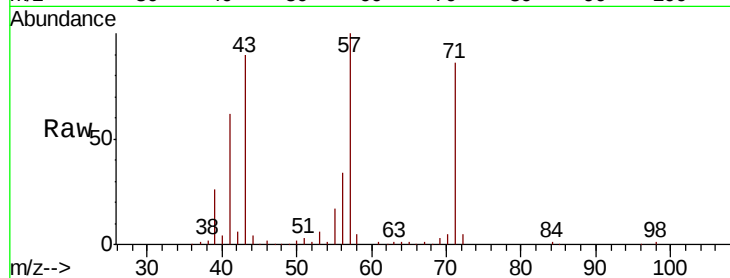
BG3S5

Tot Ion: 43 Resp: 124191

Ion Ratio Lower Upper

43 100

58 4.3 0.0 61.8



#14

Carbon disulfide

Concen: 0.247 ug/L

RT: 2.80 min Scan# 455

Delta R.T. 0.00 min

Lab File: VU040438.D

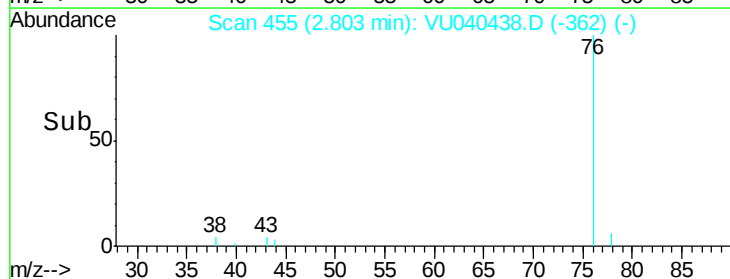
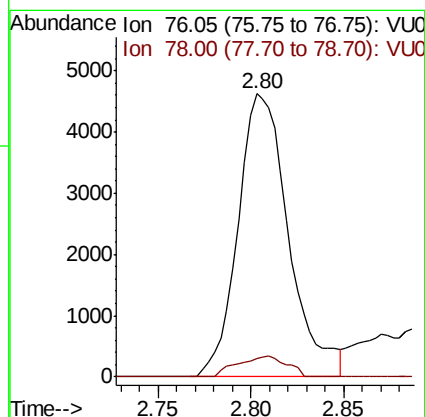
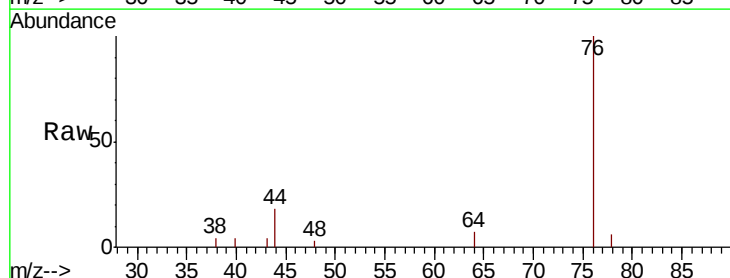
Acq: 01 Oct 2020 22:37

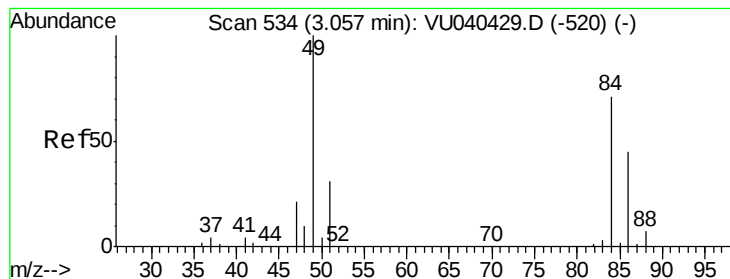
Tgt Ion: 76 Resp: 8789

Ion Ratio Lower Upper

76 100

78 6.4 7.2 10.8#





#16

Methylene chloride

Concen: 0.393 ug/L

RT: 3.04 min Scan# 528

Delta R.T. -0.02 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampled :

BG3S5

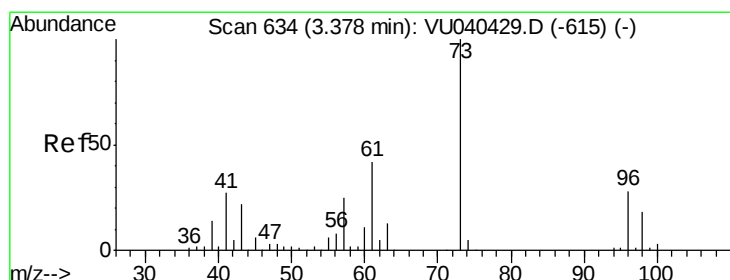
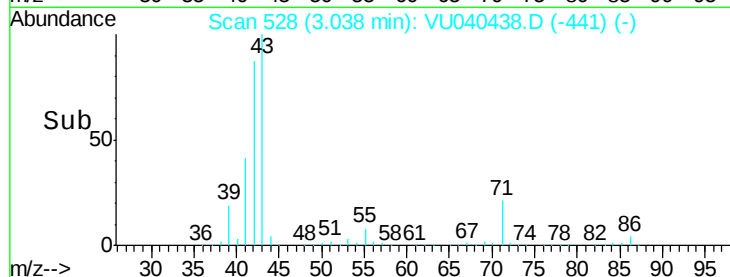
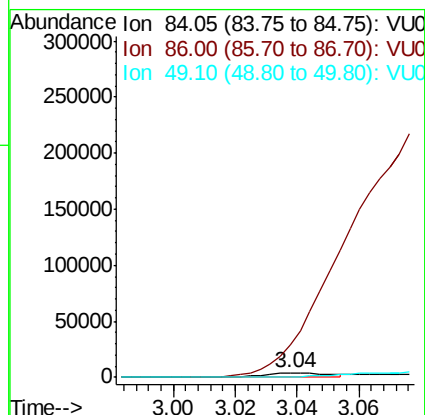
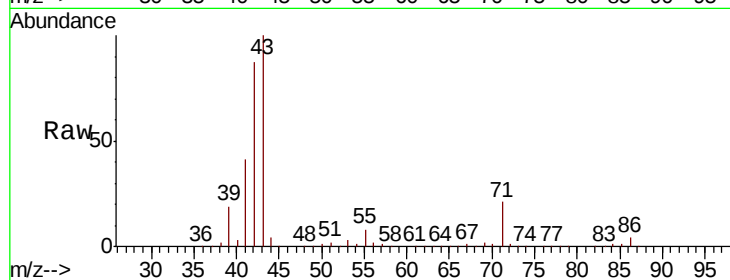
Tot Ion: 84 Resp: 5570

Ion Ratio Lower Upper

84 100

86 703.2 44.4 82.5#

49 15.6 92.2 171.2#



#17

Methyl tert-butyl Ether

Concen: 0.469 ug/L

RT: 3.41 min Scan# 643

Delta R.T. 0.03 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

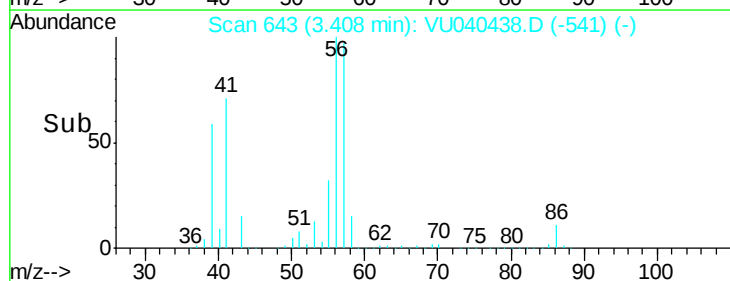
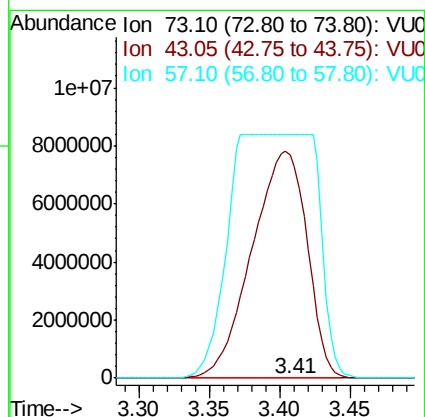
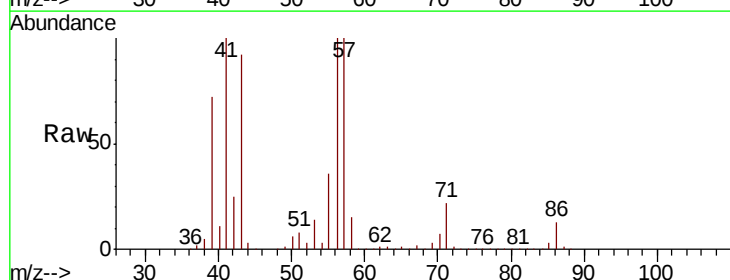
Tgt Ion: 73 Resp: 14553

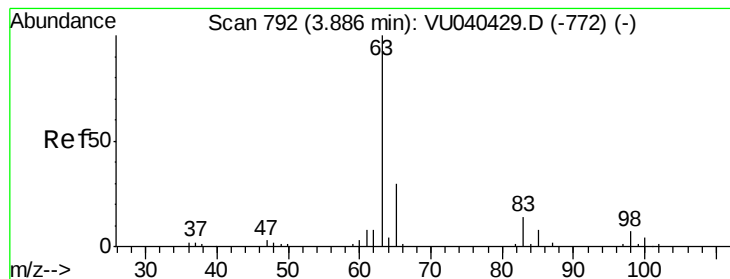
Ion Ratio Lower Upper

73 100

43 145993.1 19.0 28.4#

57 0.0 18.9 28.3#





#19

1,1-Dichloroethane

Concen: 2.203 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.01 min

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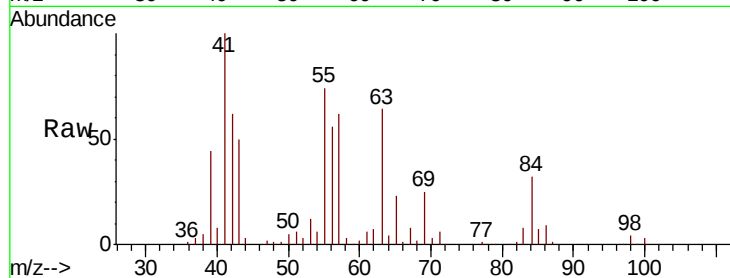
Tot Ion: 63 Resp: 52694

Ion Ratio Lower Upper

63 100

65 35.1 21.7 40.3

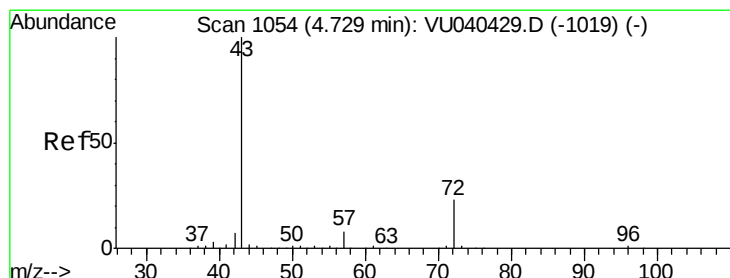
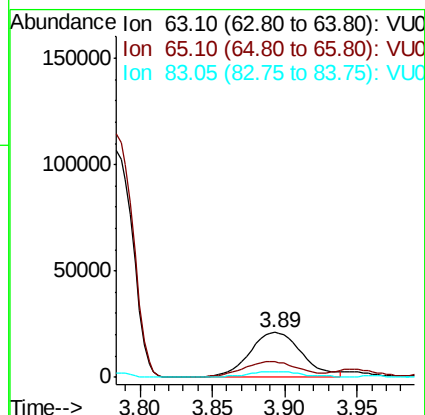
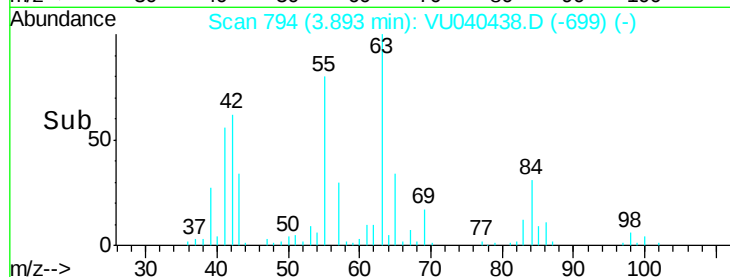
83 12.0 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU040438.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU040438.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU040438.D (-699) (-)



#21

2-Butanone

Concen: 28.522 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.05 min

Lab File: VU040438.D

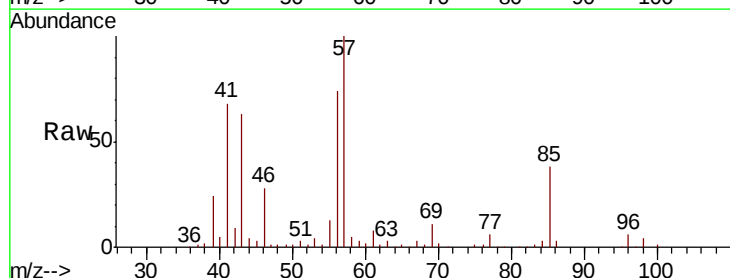
Acq: 01 Oct 2020 22:37

Tgt Ion: 43 Resp: 138855

Ion Ratio Lower Upper

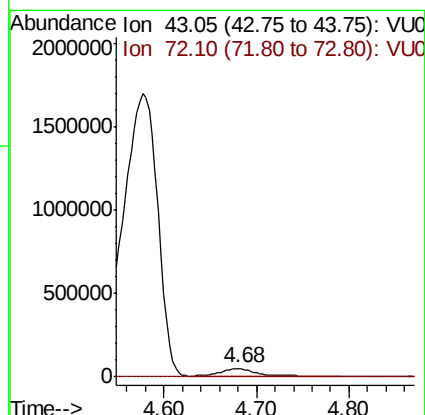
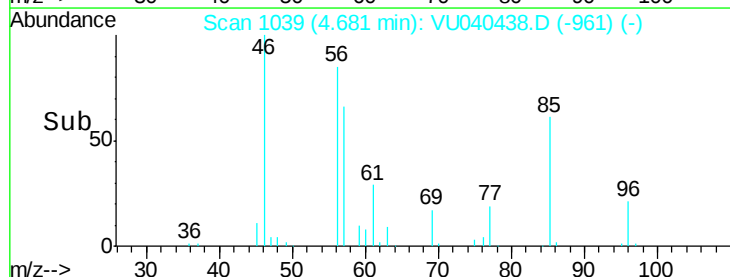
43 100

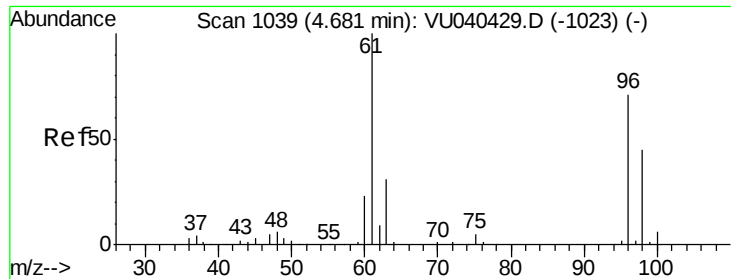
72 3.0 12.0 36.1#



Abundance Ion 43.05 (42.75 to 43.75): VU040438.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VU040438.D (-961) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.894 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

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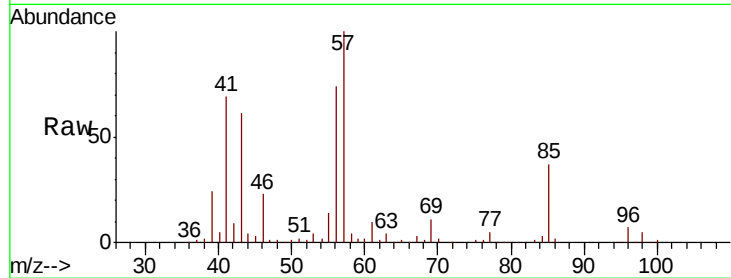
Tot Ion: 96 Resp: 11529

Ion Ratio Lower Upper

96 100

61 133.3 99.3 184.5

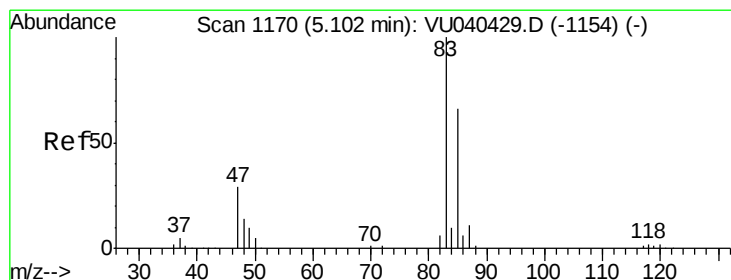
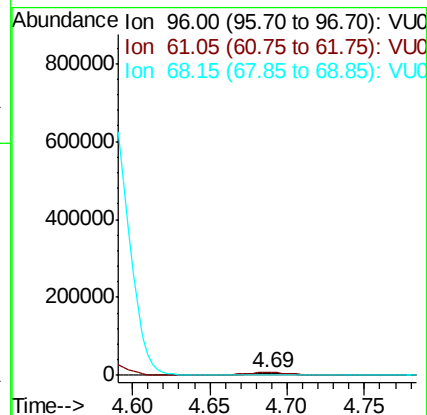
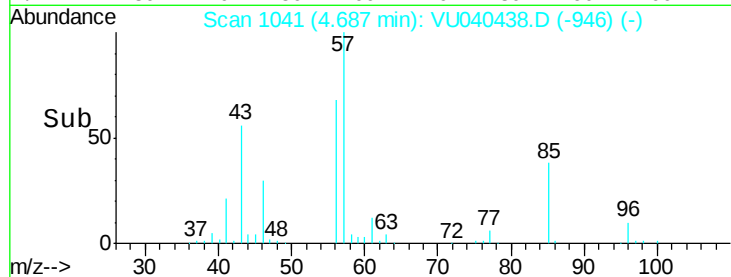
68 11.4 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU040438.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU040438.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU040438.D (-946) (-)



#25

Chloroform

Concen: 0.496 ug/L

RT: 5.15 min Scan# 1184

Delta R.T. 0.05 min

Lab File: VU040438.D

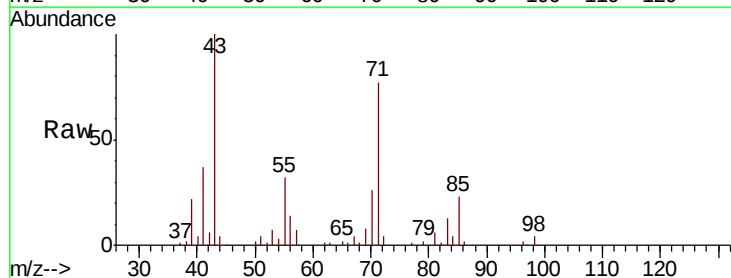
Acq: 01 Oct 2020 22:37

Tgt Ion: 83 Resp: 12106

Ion Ratio Lower Upper

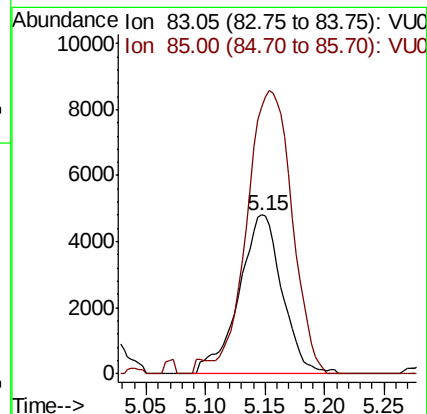
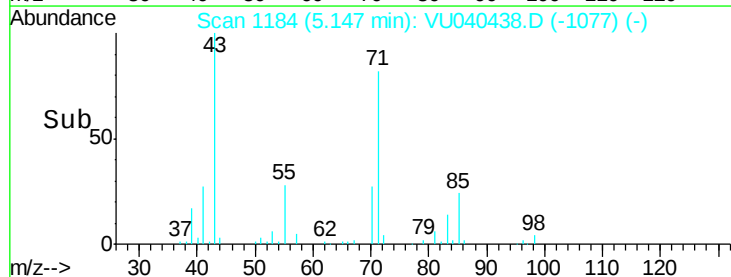
83 100

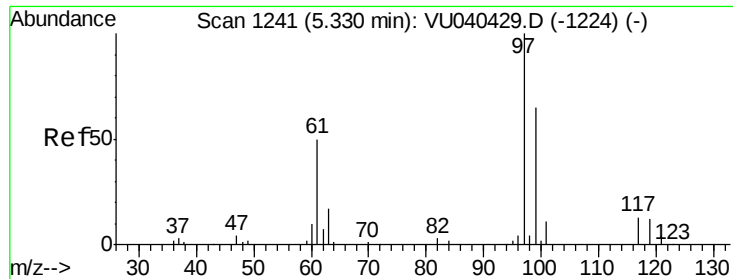
85 167.6 44.6 82.8#



Abundance Ion 83.05 (82.75 to 83.75): VU040438.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU040438.D (-1077) (-)

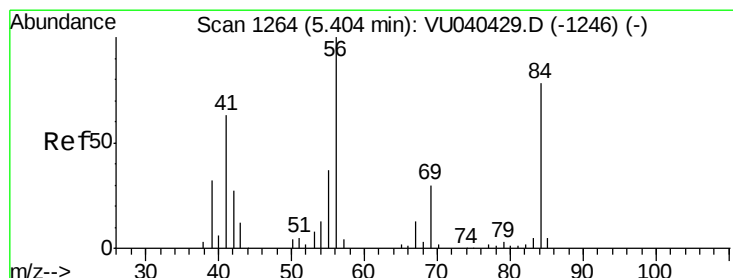
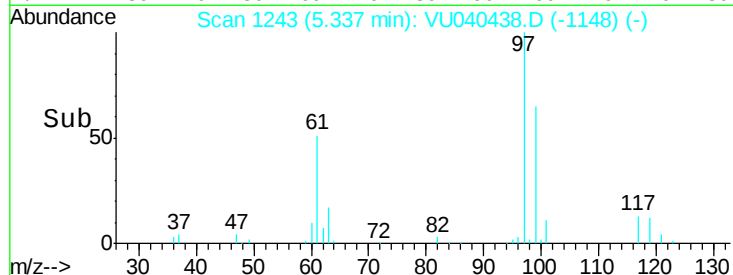
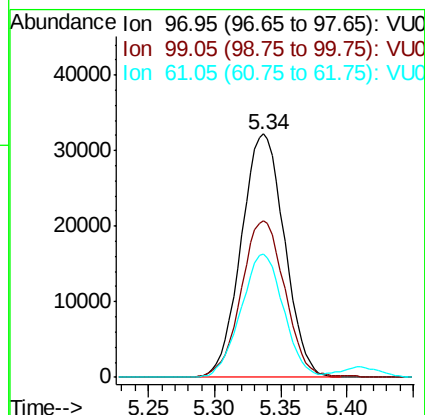
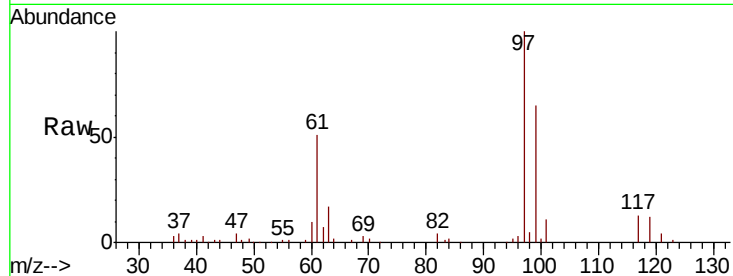




#29
1,1,1-Trichloroethane
Concen: 4.020 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

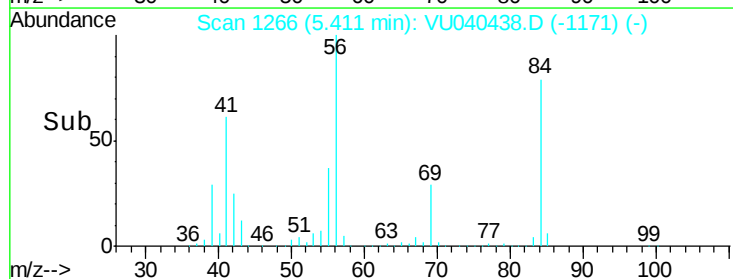
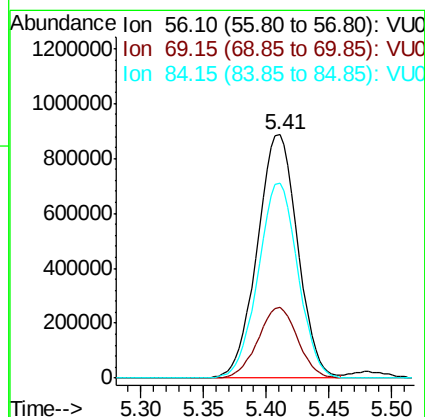
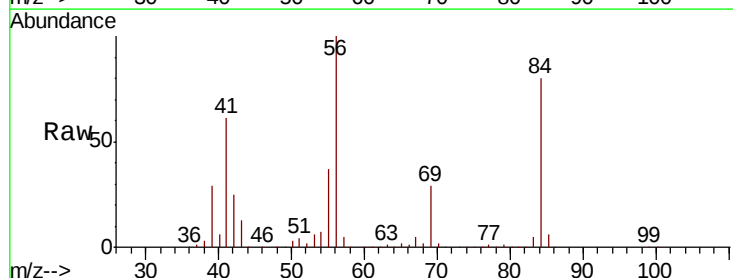
Instrument :
MSVOA_U
ClientSampleId :
BG3S5

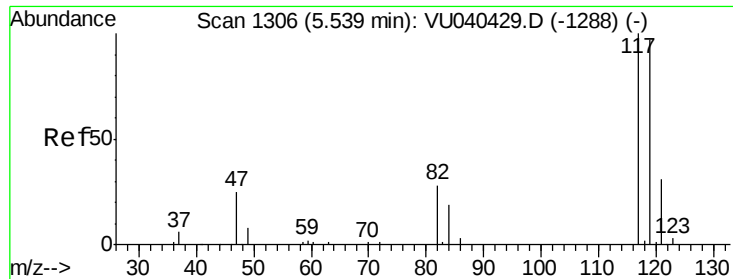
Tot Ion: 97 Resp: 72935
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 50.0 39.7 59.5



#30
Cyclohexane
Concen: 105.852 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

Tgt Ion: 56 Resp: 1986503
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 78.7 64.2 96.4





#31

Carbon tetrachloride

Concen: 0.590 ug/L

RT: 5.33 min Scan# 1242

Delta R.T. -0.21 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampleId :

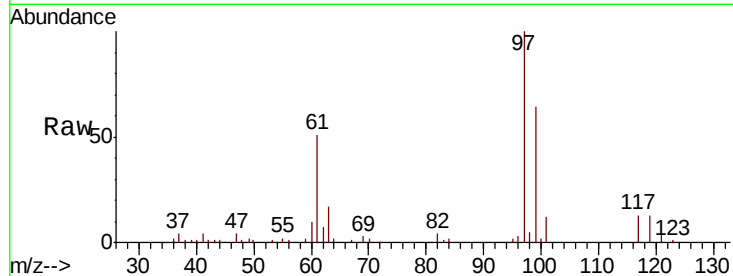
BG3S5

Tot Ion:117 Resp: 9185

Ion Ratio Lower Upper

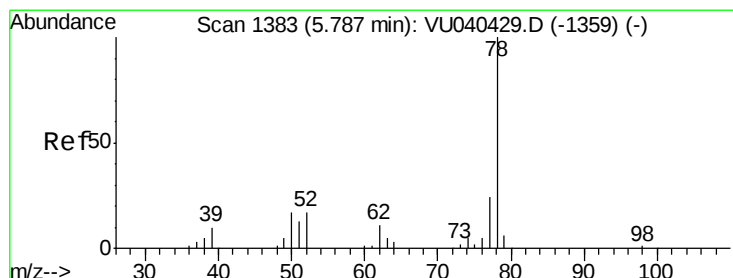
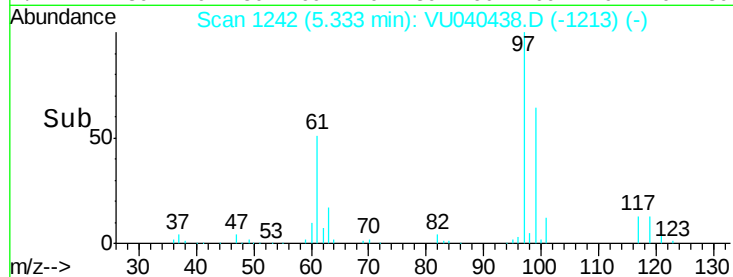
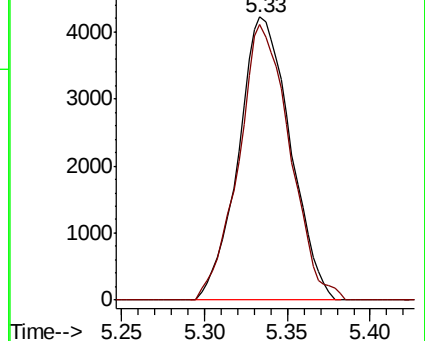
117 100

119 95.9 77.5 116.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.060 ug/L

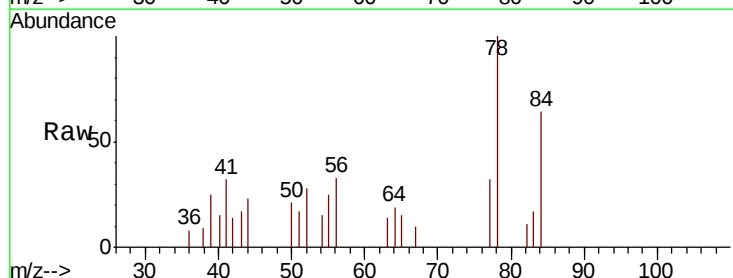
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

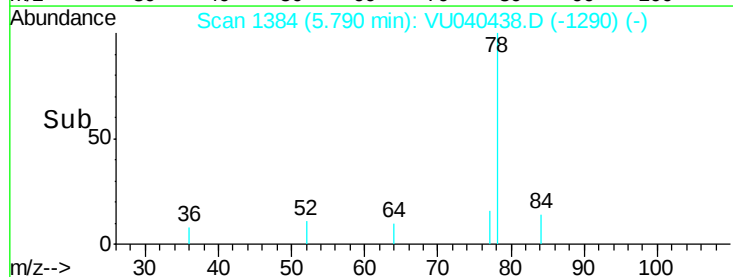
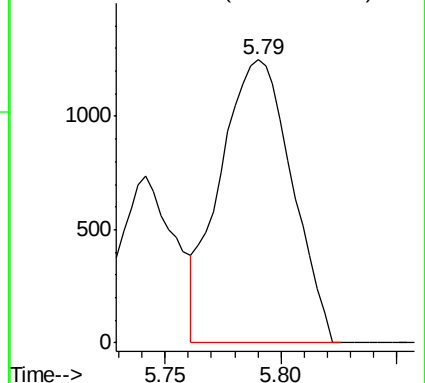
Lab File: VU040438.D

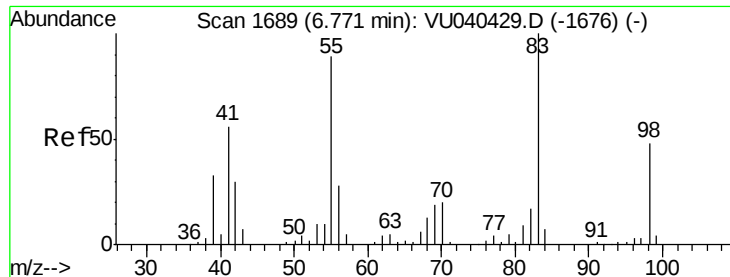
Acq: 01 Oct 2020 22:37

Tgt Ion: 78 Resp: 2686



Abundance Ion 78.10 (77.80 to 78.80): VU0

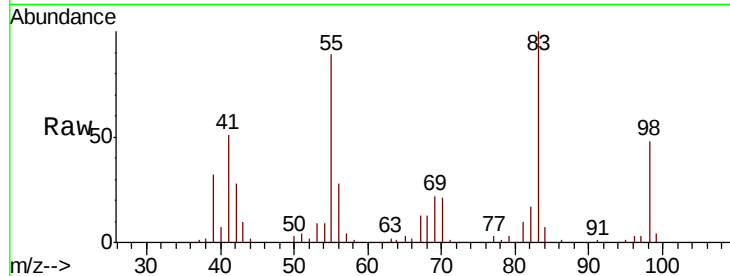




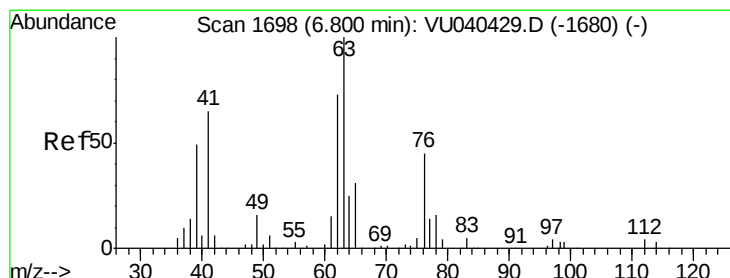
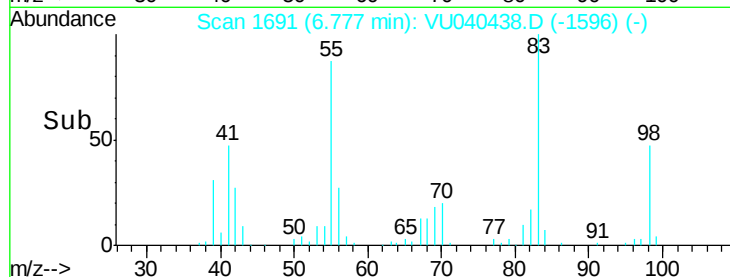
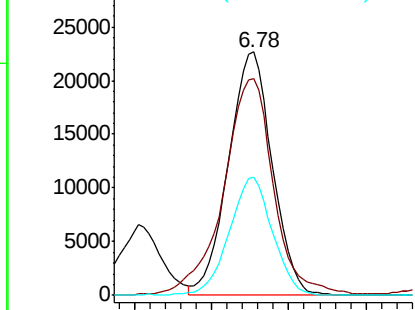
#35
Methvlcvclohexane
Concen: 2.570 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

Instrument :
MSVOA_U
ClientSampleId :
BG3S5

Tot Ion: 83 Resp: 44554
Ion Ratio Lower Upper
83 100
55 102.0 71.4 107.2
98 47.7 38.5 57.7

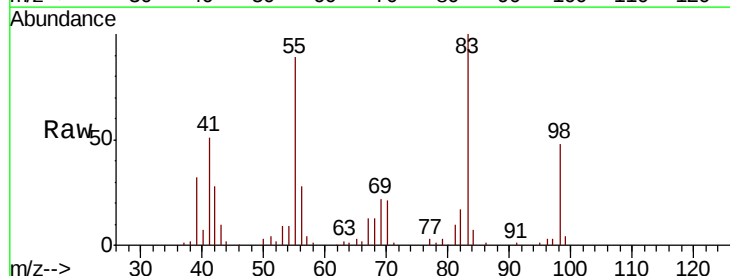


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

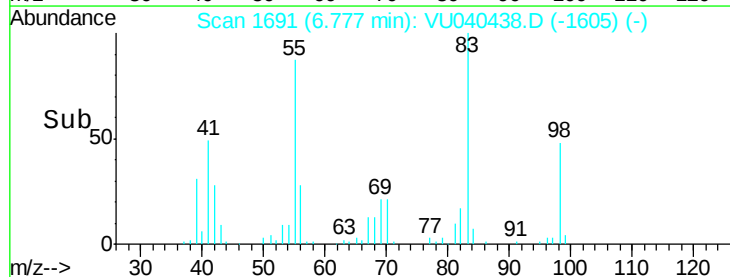
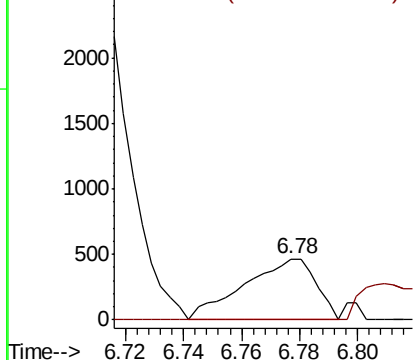


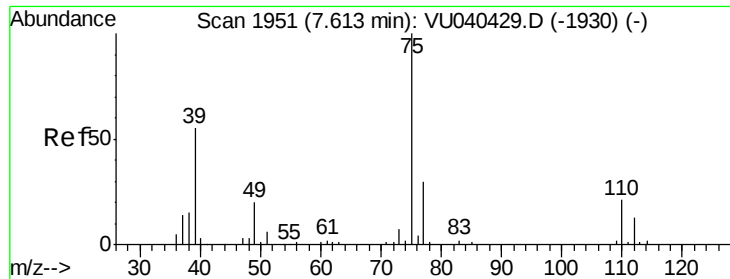
#37
1,2-Dichloropropane
Concen: 0.065 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. -0.02 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

Tgt Ion: 63 Resp: 802
Ion Ratio Lower Upper
63 100
112 41.0 3.2 4.8#



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

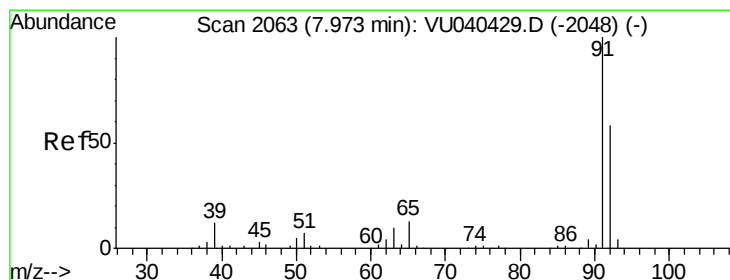
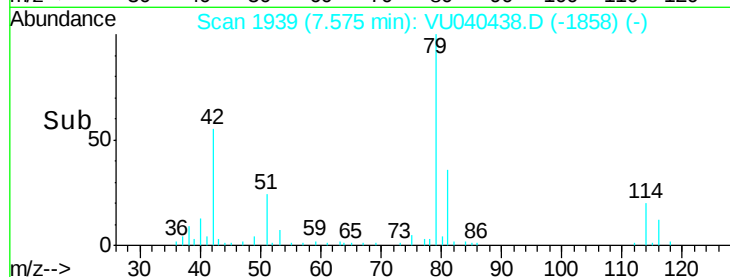
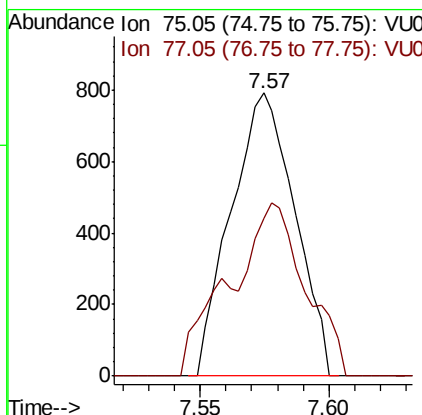
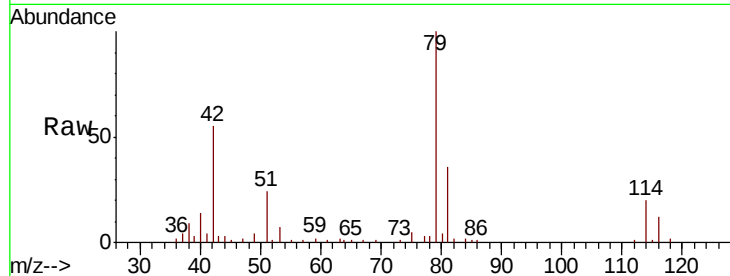




#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040438.D
 Acq: 01 Oct 2020 22:37

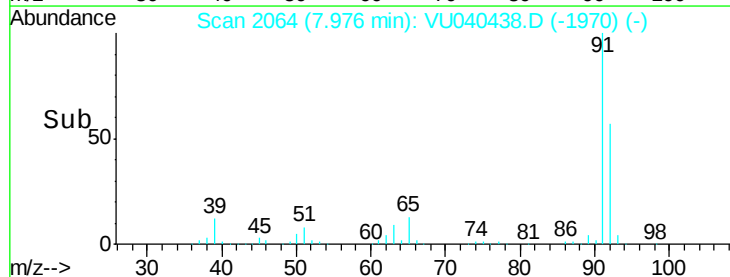
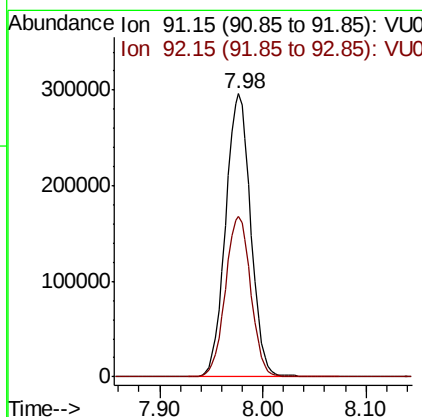
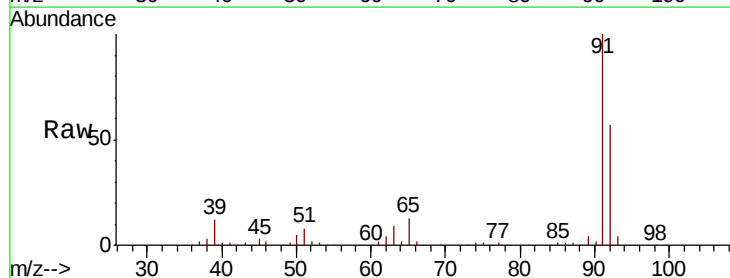
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5

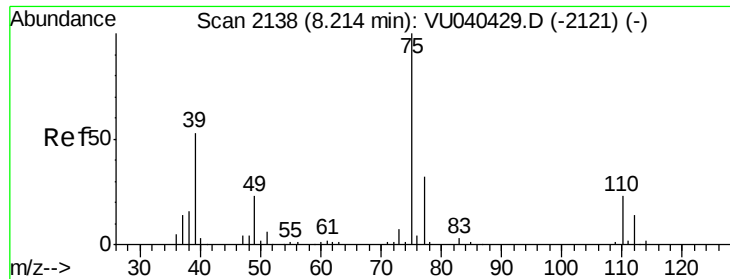
Tot Ion: 75 Resp: 1363
 Ion Ratio Lower Upper
 75 100
 77 55.7 23.5 43.7#



#42
 Toluene
 Concen: 11.015 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040438.D
 Acq: 01 Oct 2020 22:37

Tgt Ion: 91 Resp: 502883
 Ion Ratio Lower Upper
 91 100
 92 56.5 40.0 74.4





#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampleId :

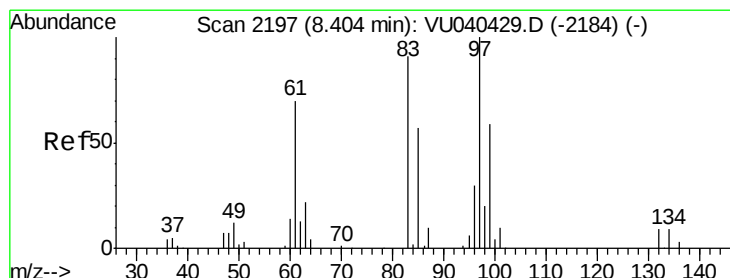
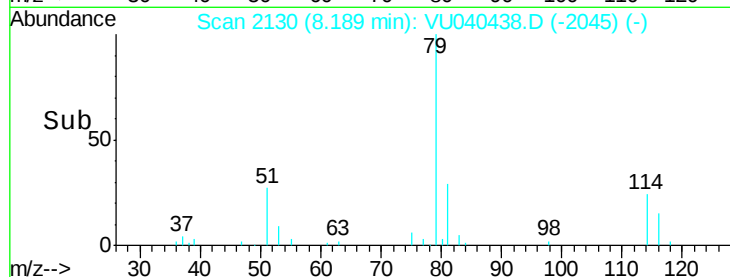
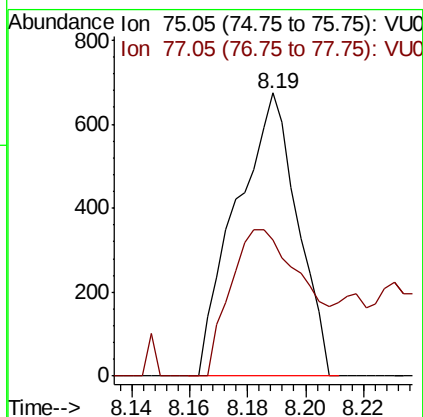
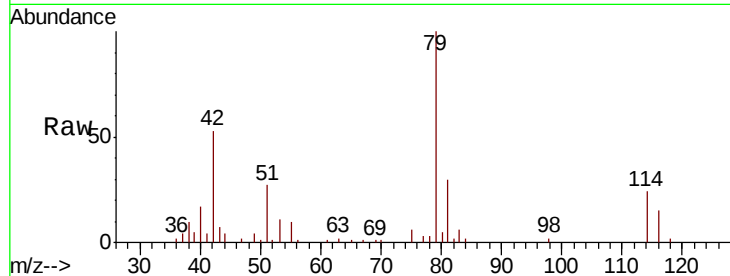
BG3S5

Tot Ion: 75 Resp: 989

Ion Ratio Lower Upper

75 100

77 47.9 22.3 41.3#



#45

1,1,2-Trichloroethane

Concen: 0.511 ug/L

RT: 8.37 min Scan# 2187

Delta R.T. -0.03 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Tgt Ion: 97 Resp: 4442

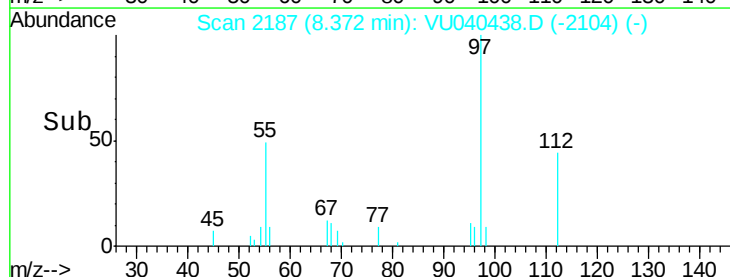
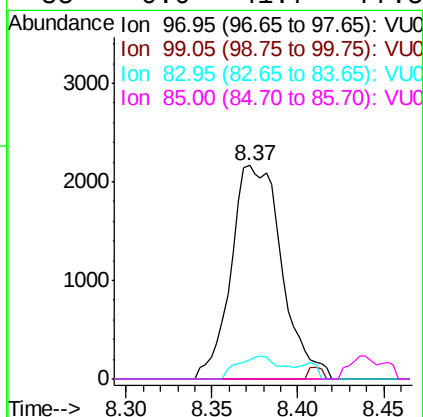
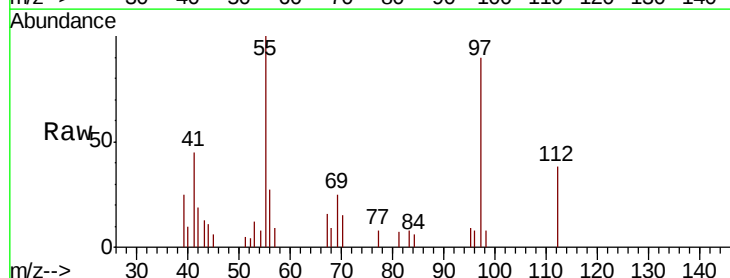
Ion Ratio Lower Upper

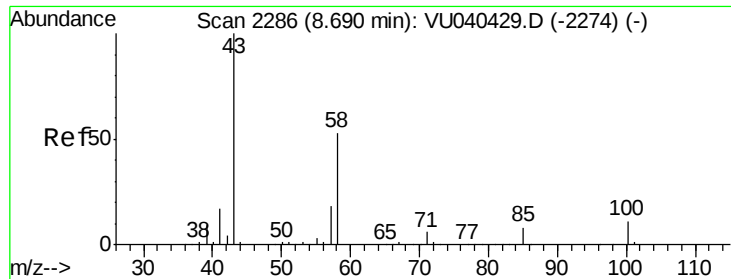
97 100

99 0.0 45.8 85.0#

83 9.0 62.9 116.9#

85 0.0 41.7 77.5#

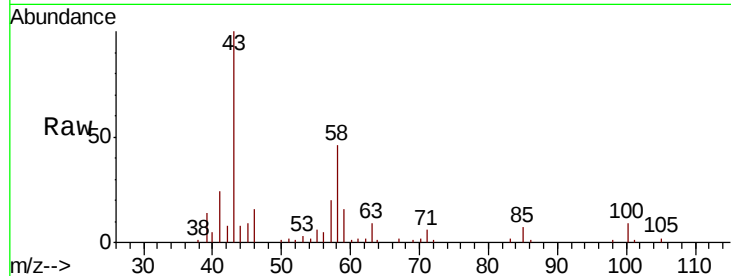




#48
2-Hexanone
Concen: 2.631 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

Instrument :
MSVOA_U
ClientSampleId :
BG3S5

Tot Ion:	43	Resp:	18825
Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.0	61.4
57	17.8	14.6	22.0
100	9.1	8.2	12.4

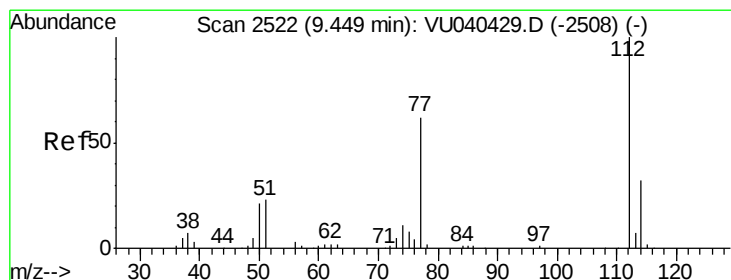
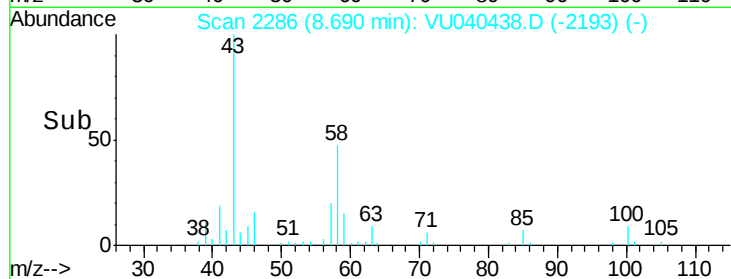
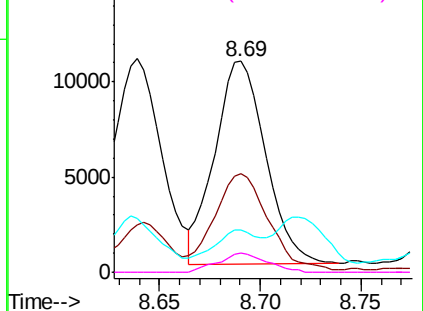


Abundance Ion 43.05 (42.75 to 43.75): VU040438.D (-2193) (-)

Ion 58.05 (57.75 to 58.75): VU040438.D (-2193) (-)

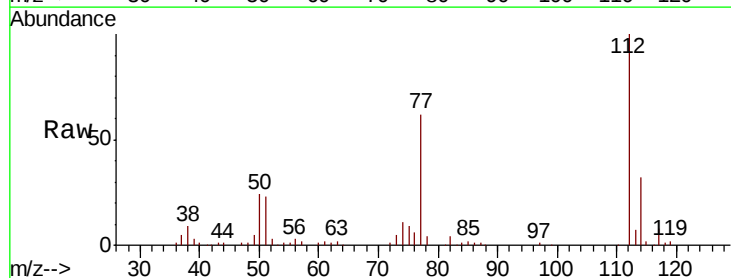
Ion 57.20 (56.90 to 57.90): VU040438.D (-2193) (-)

Ion 100.15 (99.85 to 100.85): VU040438.D (-2193) (-)



#51
Chlorobenzene
Concen: 2.130 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

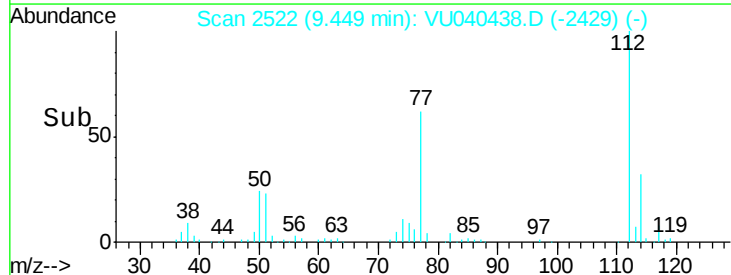
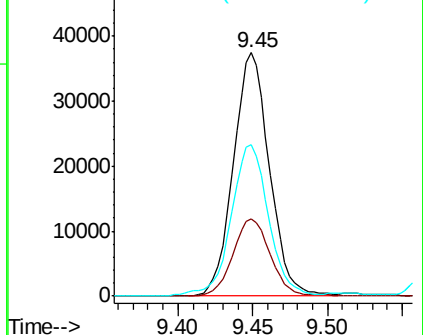
Tgt Ion:	112	Resp:	62887
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	40.8
77	62.0	49.5	74.3

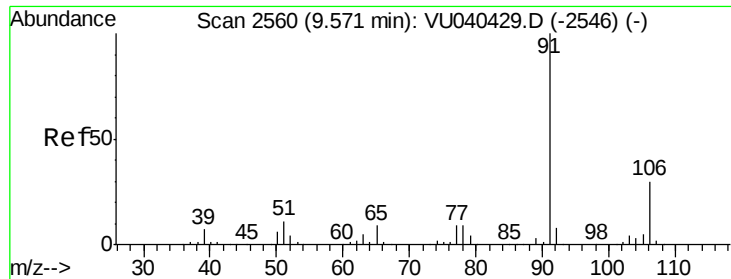


Abundance Ion 112.10 (111.80 to 112.80): VU040438.D (-2429) (-)

Ion 114.05 (113.75 to 114.75): VU040438.D (-2429) (-)

Ion 77.10 (76.80 to 77.80): VU040438.D (-2429) (-)





#52

Ethylbenzene

Concen: 1.647 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampled :

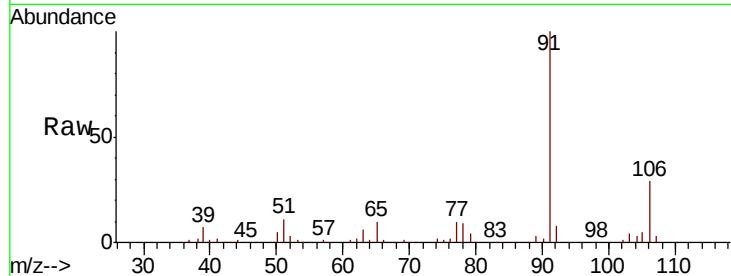
BG3S5

Tot Ion: 91 Resp: 81588

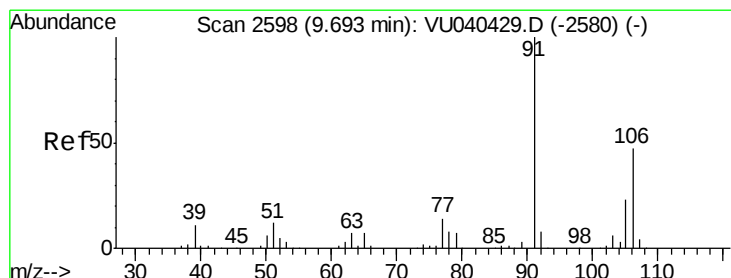
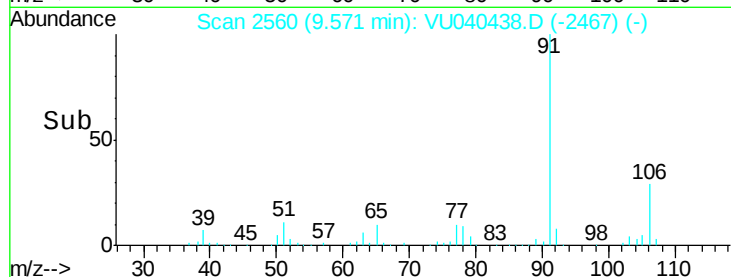
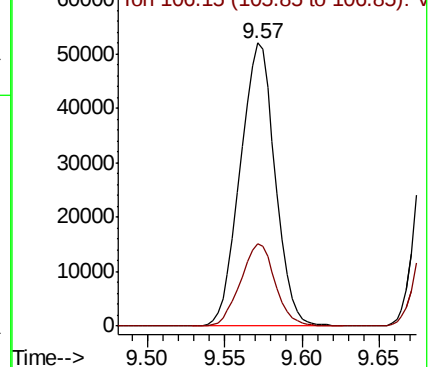
Ion Ratio Lower Upper

91 100

106 28.9 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU040438.D (-2467) (-)



#53

m,p-Xylene

Concen: 4.680 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040438.D

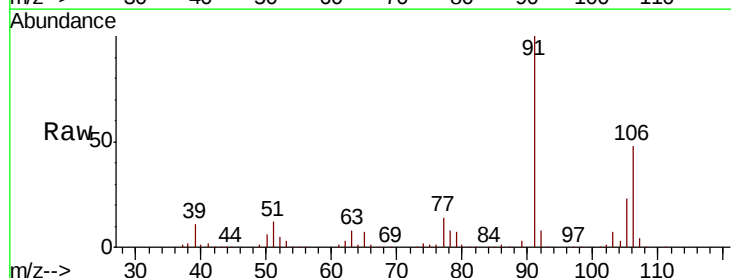
Acq: 01 Oct 2020 22:37

Tgt Ion: 106 Resp: 86380

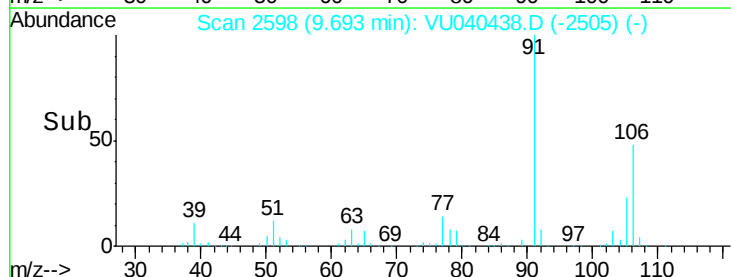
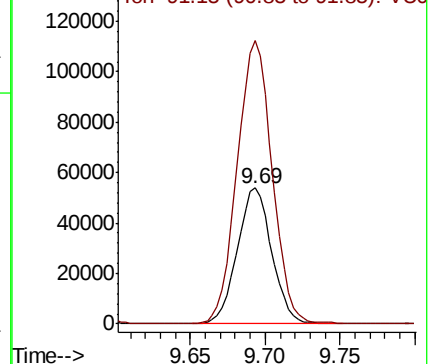
Ion Ratio Lower Upper

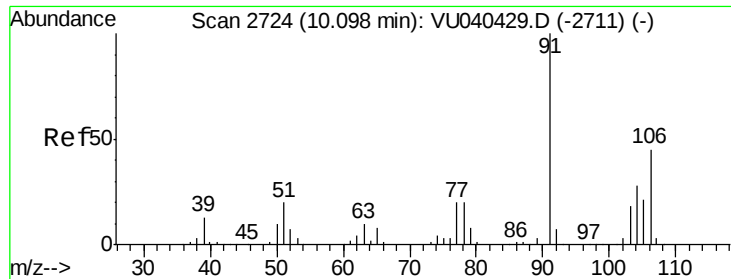
106 100

91 208.2 149.0 276.6



Abundance Ion 106.15 (105.85 to 106.85): VU040438.D (-2505) (-)

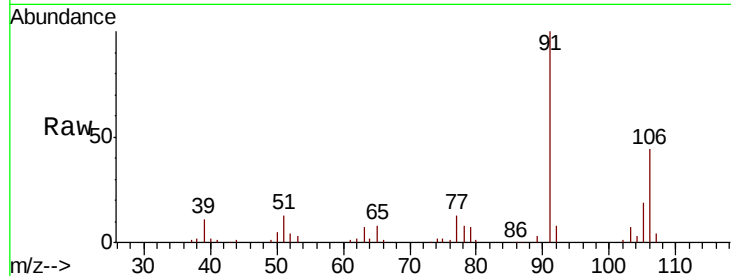




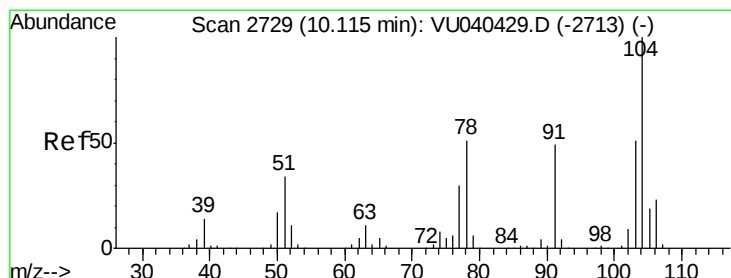
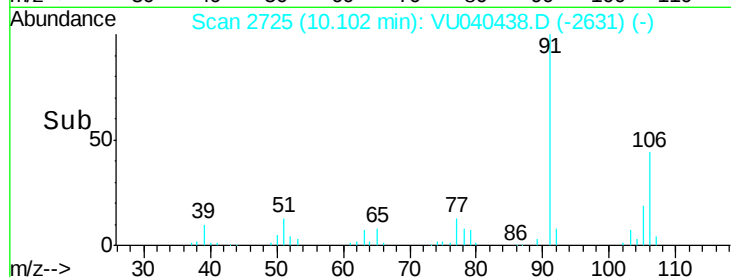
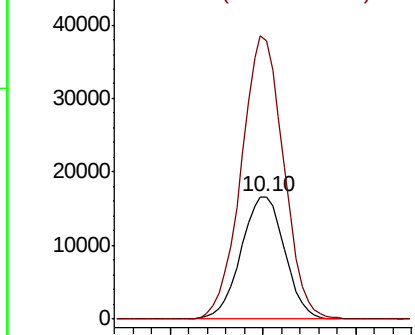
#54
o-Xylene
Concen: 1.560 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

Instrument :
MSVOA_U
ClientSampleId :
BG3S5

Tot Ion:106 Resp: 27092
Ion Ratio Lower Upper
106 100
91 226.6 160.9 298.9

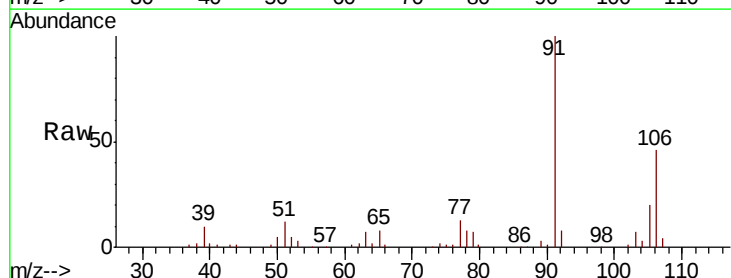


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

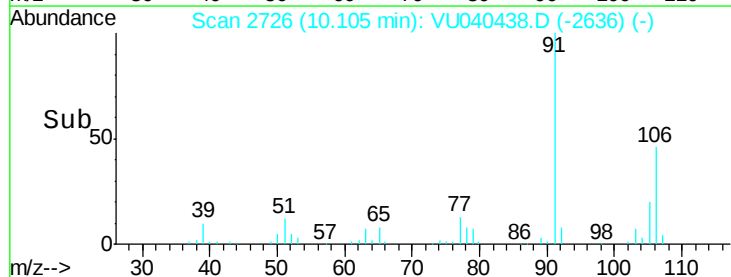
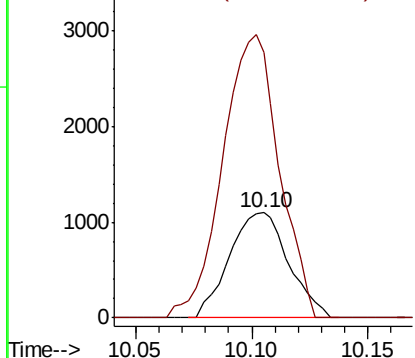


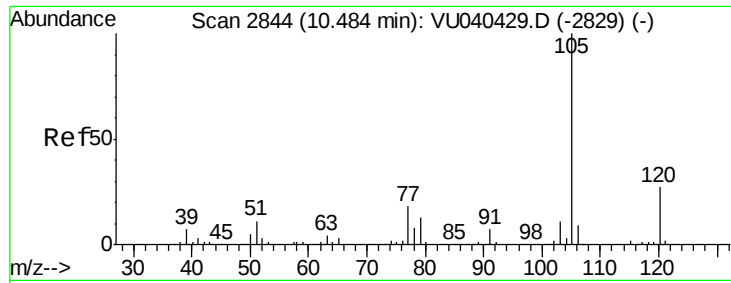
#55
Styrene
Concen: 0.064 ug/L
RT: 10.10 min Scan# 2726
Delta R.T. -0.01 min
Lab File: VU040438.D
Acq: 01 Oct 2020 22:37

Tgt Ion:104 Resp: 1948
Ion Ratio Lower Upper
104 100
78 252.6 34.4 63.8#



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 4.329 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampled :

BG3S5

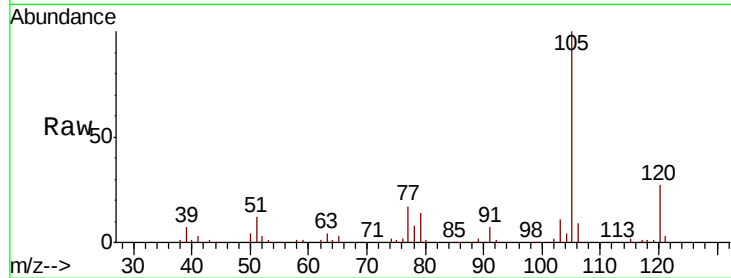
Tot Ion:105 Resp: 202820

Ion Ratio Lower Upper

105 100

120 25.7 20.6 30.8

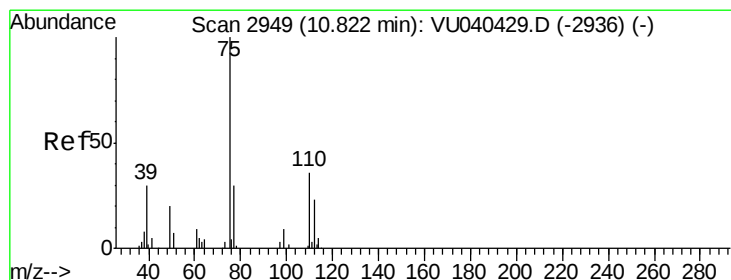
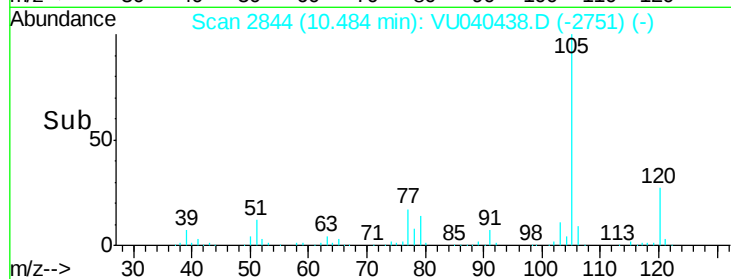
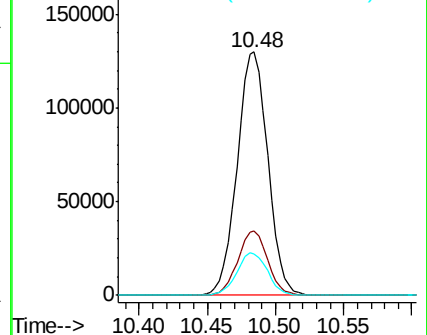
77 17.5 14.3 21.5



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): V



#59

1,2,3-Trichloropropane

Concen: 1.777 ug/L

RT: 10.90 min Scan# 2974

Delta R.T. 0.08 min

Lab File: VU040438.D

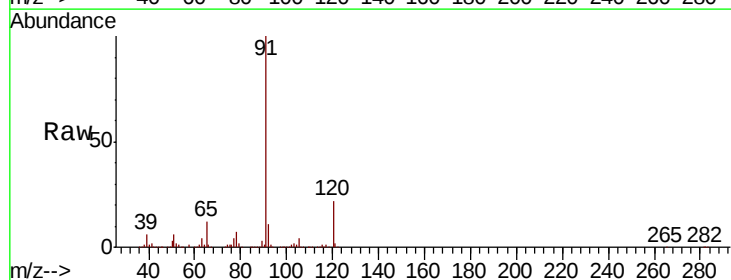
Acq: 01 Oct 2020 22:37

Tgt Ion: 75 Resp: 15971

Ion Ratio Lower Upper

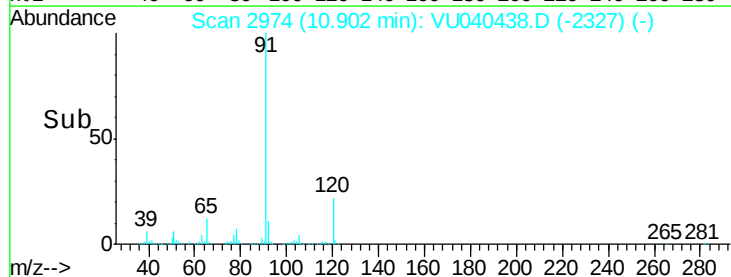
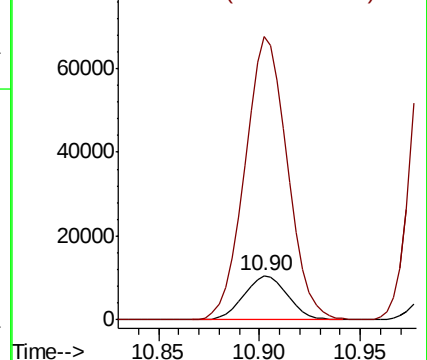
75 100

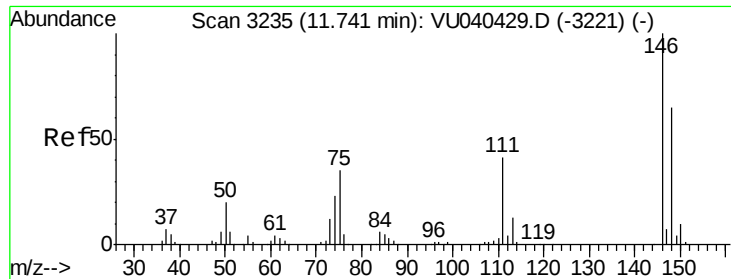
77 625.5 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 0.371 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampleId :

BG3S5

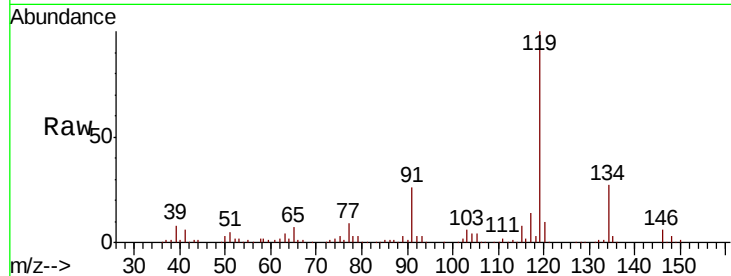
Tot Ion:146 Resp: 8035

Ion Ratio Lower Upper

146 100

111 42.0 28.6 53.0

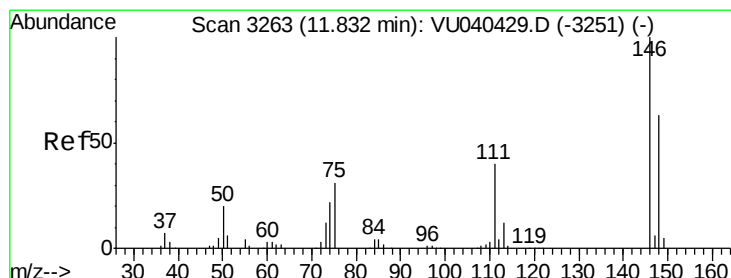
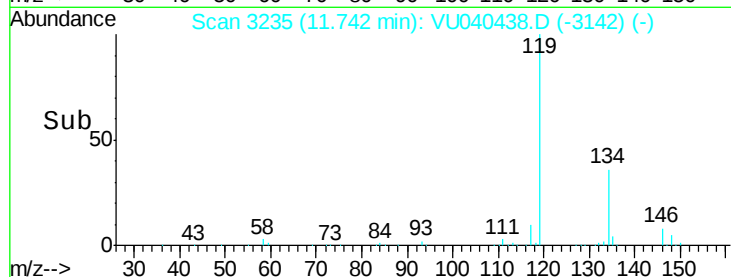
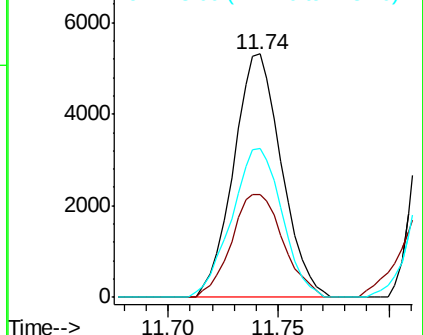
148 61.3 43.4 80.6



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: 1.177 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

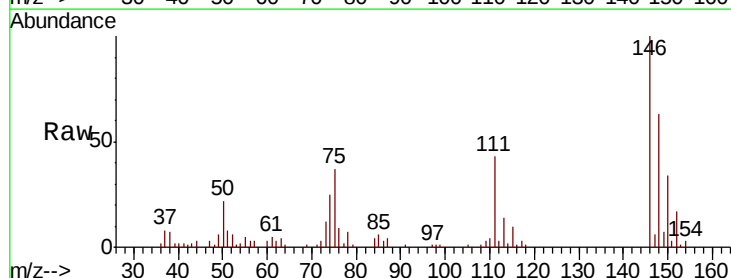
Tgt Ion:146 Resp: 26523

Ion Ratio Lower Upper

146 100

111 42.6 29.2 54.2

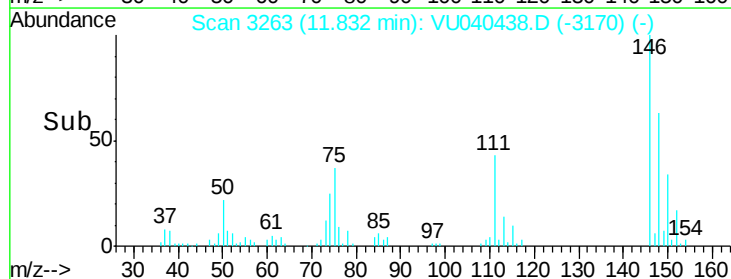
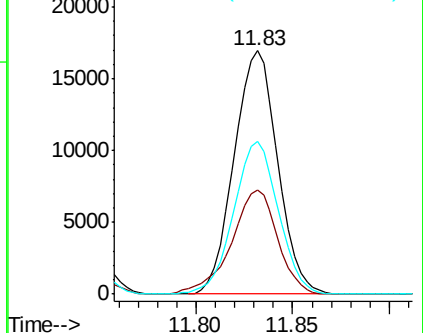
148 62.8 44.4 82.4

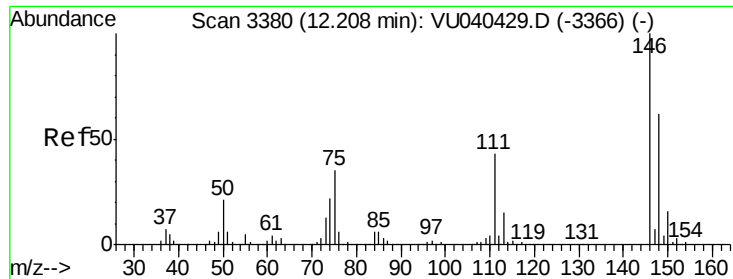


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.437 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampleId :

BG3S5

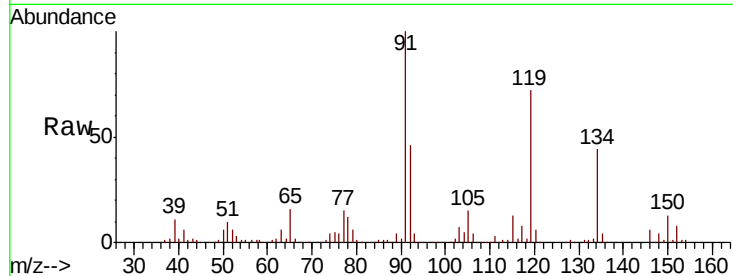
Tot Ion:146 Resp: 9196

Ion Ratio Lower Upper

146 100

111 45.1 35.6 53.4

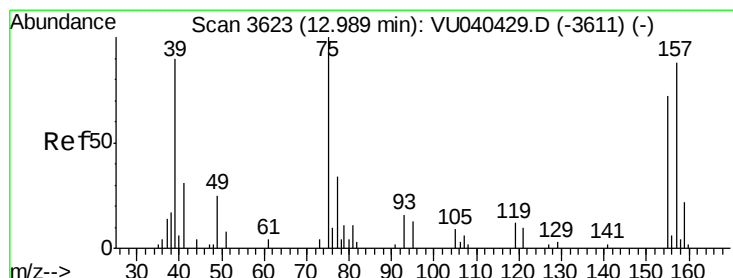
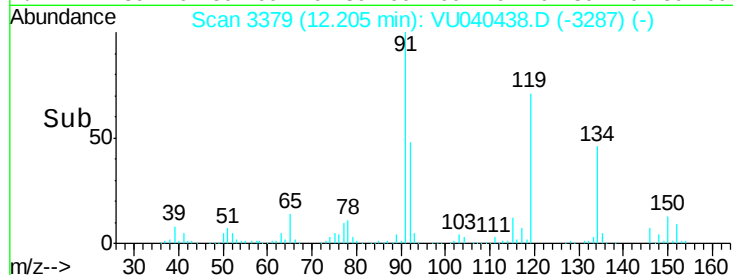
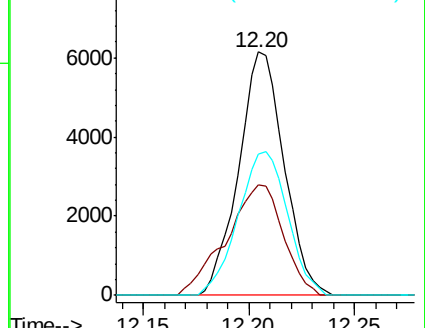
148 58.2 49.8 74.6



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



#66

1,2-Dibromo-3-chloropropane

Concen: 3.208 ug/L

RT: 12.96 min Scan# 3615

Delta R.T. -0.03 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

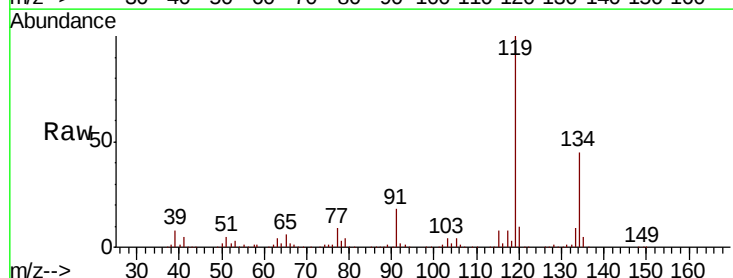
Tgt Ion: 75 Resp: 6088

Ion Ratio Lower Upper

75 100

155 0.0 59.4 89.2#

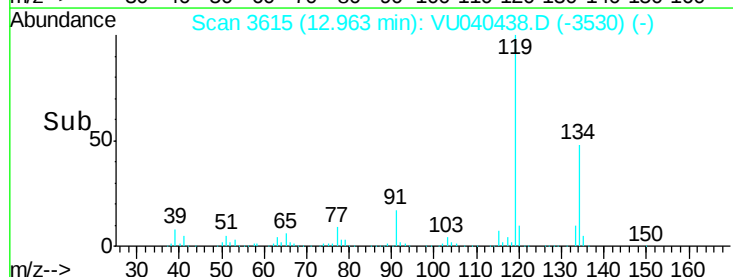
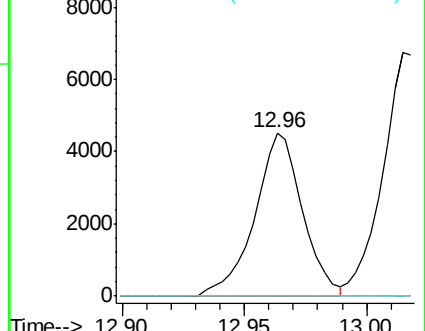
157 0.0 65.0 97.4#

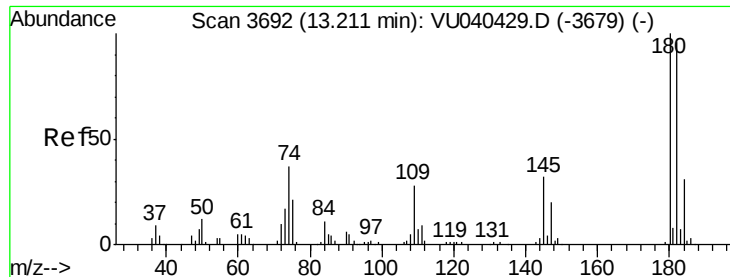


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

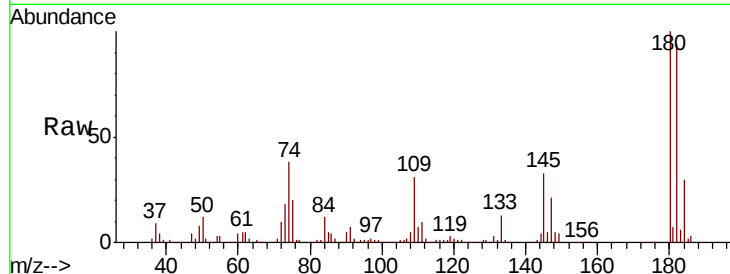




#67
 1,3,5-Trichlorobenzene
 Concen: 37.222 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.62 min
 Lab File: VU040438.D
 Acq: 01 Oct 2020 22:37

Instrument :
 MSVOA_U
 ClientSampled :
 BG3S5

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.5	114.7
184	30.1	24.6	37.0
145	33.5	25.8	38.8

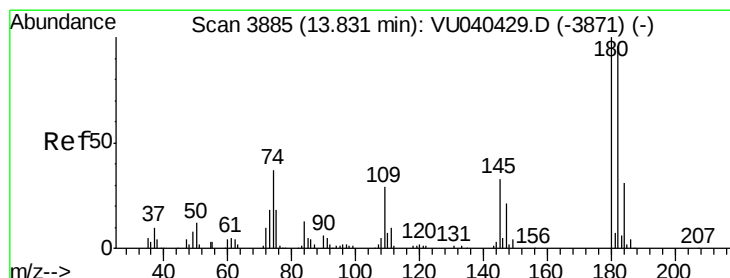
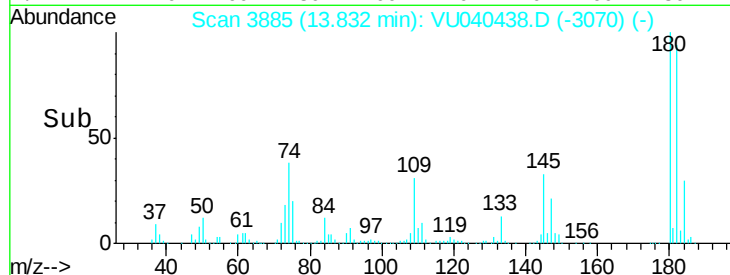
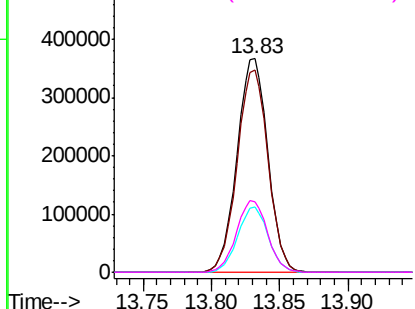


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

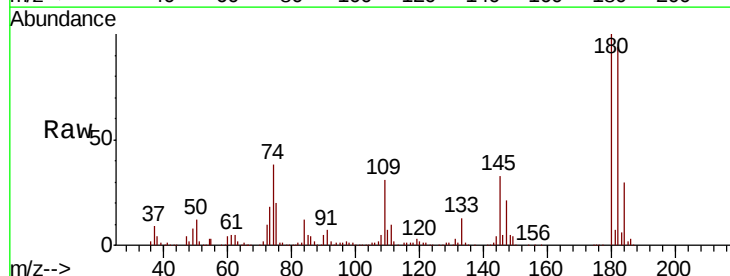
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 46.322 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040438.D
 Acq: 01 Oct 2020 22:37

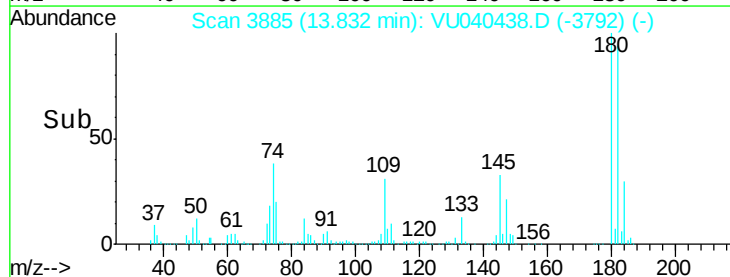
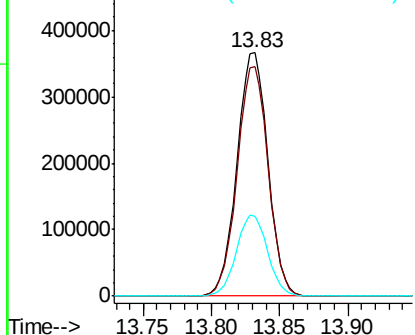
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	115.0
145	33.5	26.3	39.5

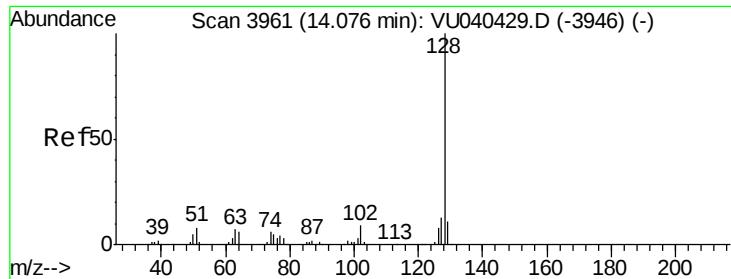


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 2.343 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

Instrument :

MSVOA_U

ClientSampleId :

BG3S5

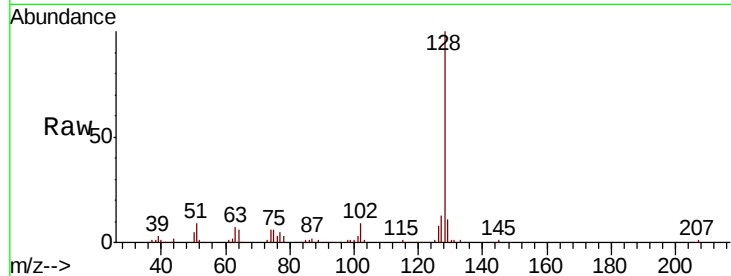
Tot Ion:128 Resp: 49745

Ion Ratio Lower Upper

128 100

129 12.2 8.2 12.4

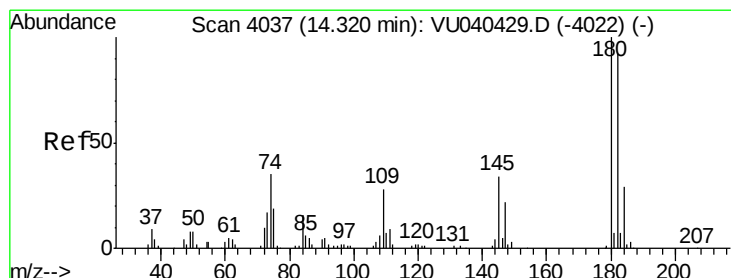
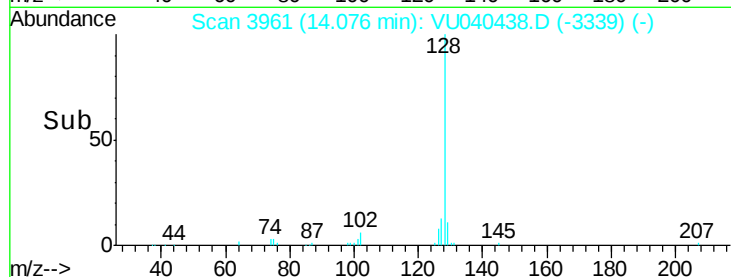
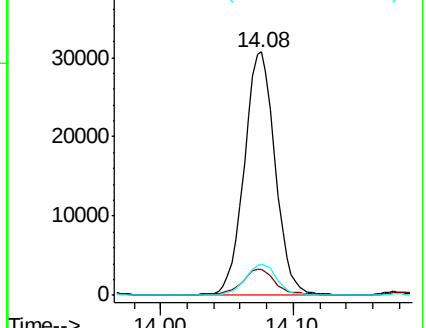
127 13.0 10.2 15.4



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: 10.948 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040438.D

Acq: 01 Oct 2020 22:37

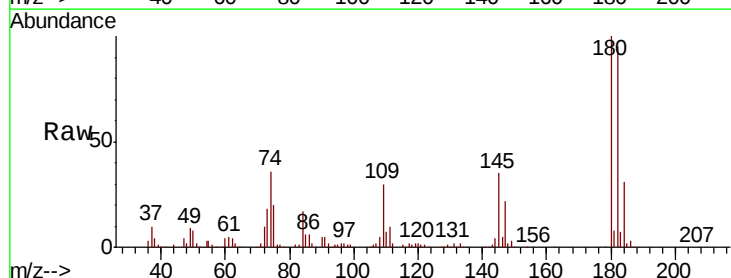
Tgt Ion:180 Resp: 124467

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

145 35.3 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

