

Data File : VU038938.D
Acq On : 17 Jun 2020 11:51
Operator : SY/MD
Sample : VSTD005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Quant Time: Jun 17 12:19:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 17 11:08:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297109	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	287796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	151134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100927	6.82	ug/L	0.00
7) Chloroethane-d5	1.93	69	83657	5.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	198251	5.52	ug/L	0.00
20) 2-Butanone-d5	4.69	46	311582	58.15	ug/L	0.00
24) Chloroform-d	5.10	84	193013	5.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	108113	5.25	ug/L	0.00
32) Benzene-d6	5.76	84	363632	5.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	110795	5.55	ug/L	0.00
41) Toluene-d8	7.92	98	328876	5.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	51129	5.79	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	281544	64.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102893	5.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	130292	5.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131961	4.563 ug/L	99
3) Chloromethane	1.53	50	133329	5.527 ug/L	99
5) Vinyl chloride	1.62	62	136340	5.357 ug/L	98
6) Bromomethane	1.88	94	80114	5.126 ug/L	95
8) Chloroethane	1.95	64	85870	4.539 ug/L	99
9) Trichlorofluoromethane	2.16	101	197406	4.466 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100217	4.571 ug/L	99
12) 1,1-Dichloroethene	2.61	96	100658	4.794 ug/L	97
13) Acetone	2.70	43	202746	46.240 ug/L	99
14) Carbon disulfide	2.82	76	326727	4.687 ug/L	99
15) Methyl Acetate	3.00	43	44734	4.182 ug/L	94
16) Methylene chloride	3.08	84	108605	4.499 ug/L	94
17) Methyl tert-butyl Ether	3.40	73	256251	4.783 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	102900	4.626 ug/L	97
19) 1,1-Dichloroethane	3.91	63	186484	4.573 ug/L	97
21) 2-Butanone	4.77	43	343768	48.230 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	107983	4.642 ug/L	96
23) Bromochloromethane	5.02	128	49961	4.537 ug/L	96
25) Chloroform	5.12	83	193754	4.559 ug/L	99
27) 1,2-Dichloroethane	5.83	62	138012	4.575 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	174529	4.896 ug/L	99
30) Cyclohexane	5.42	56	160703	5.004 ug/L	100
31) Carbon tetrachloride	5.56	117	148884	4.907 ug/L	99
33) Benzene	5.81	78	421273	4.928 ug/L	100
34) Trichloroethene	6.57	95	106291	4.762 ug/L	99
35) Methylcyclohexane	6.79	83	165492	4.977 ug/L	98
37) 1,2-Dichloropropane	6.82	63	108320	4.911 ug/L	100
38) Bromodichloromethane	7.13	83	141683	4.885 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	160850	5.099 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	769944	51.173 ug/L	100

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	443076	4.918	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	148118	5.134	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	81773	4.850	ug/L	98
47) Tetrachloroethene	8.57	164	79887	4.670	ug/L	96
48) 2-Hexanone	8.71	43	583525	48.922	ug/L	99
49) Dibromochloromethane	8.83	129	96847	4.950	ug/L	97
50) 1,2-Dibromoethane	8.94	107	78913	4.829	ug/L	96
51) Chlorobenzene	9.47	112	278195	4.745	ug/L	98
52) Ethylbenzene	9.59	91	471682	4.705	ug/L	99
53) m,p-Xylene	9.71	106	185417	4.922	ug/L	100
54) o-Xylene	10.11	106	177676	4.903	ug/L	97
55) Styrene	10.13	104	310511	4.933	ug/L	100
56) Isopropylbenzene	10.50	105	467819	4.971	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	107799	4.987	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	89100	5.242	ug/L	99
61) Bromoform	10.31	173	58032	5.038	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	225323	4.729	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	229550	4.756	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	217057	4.584	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	22589	5.388	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	183648	5.116	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	158140	5.259	ug/L	100
69) Naphthalene	14.11	128	306209	5.416	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	151320	5.378	ug/L	99

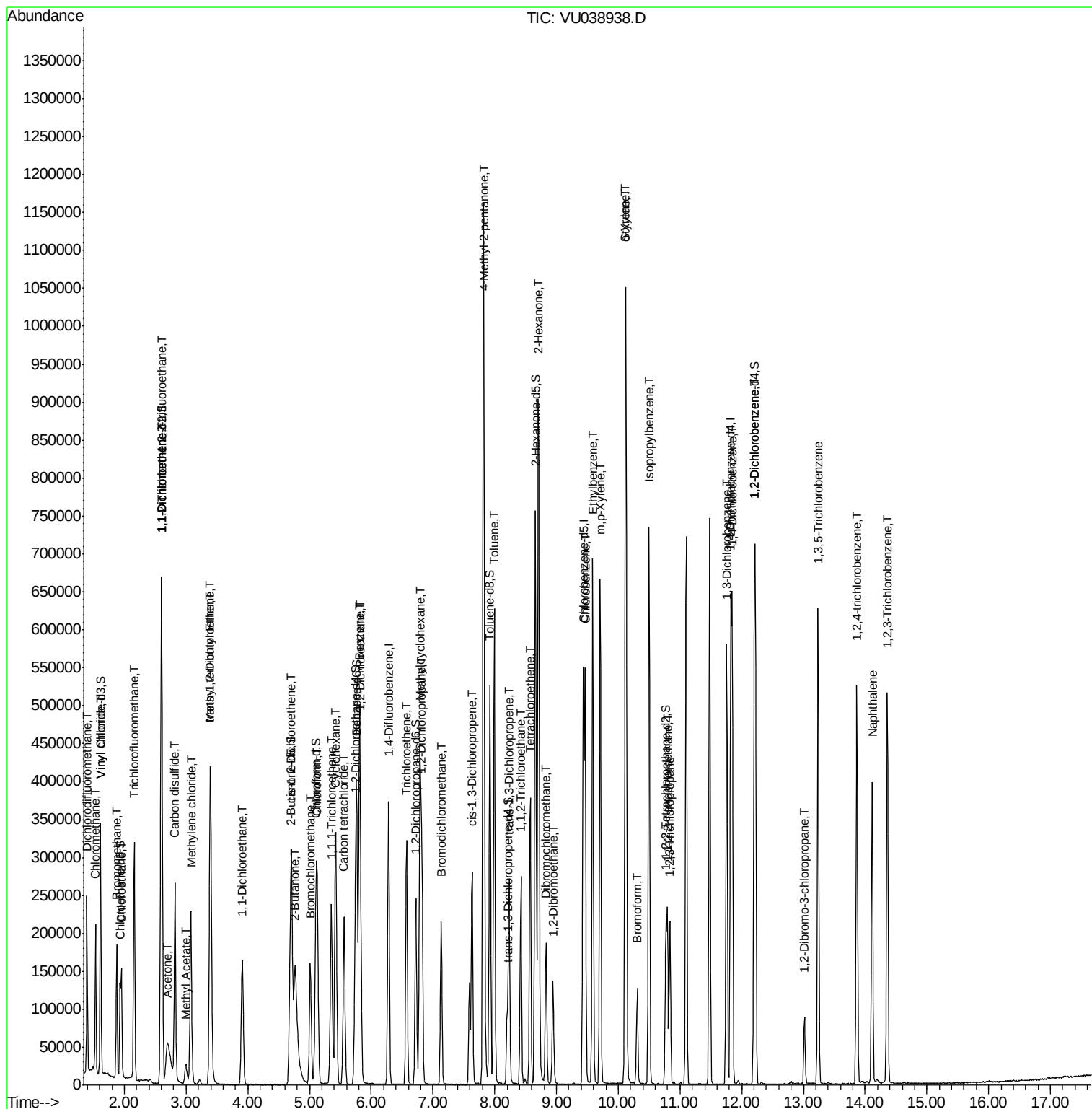
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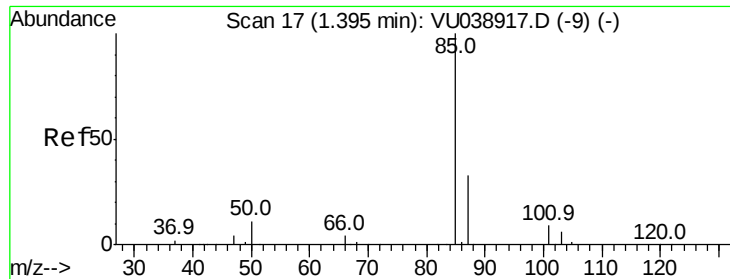
Data File : VU038938.D

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Acq On       : 17 Jun 2020   11:51
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Sample       : VSTD005
Misc         : 25.0mL/MSVOA_U/WATER
ALS Vial     : 1      Sample Multiplier: 1
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Instrument :
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#2

Dichlorodifluoromethane

Concen: 4.563 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

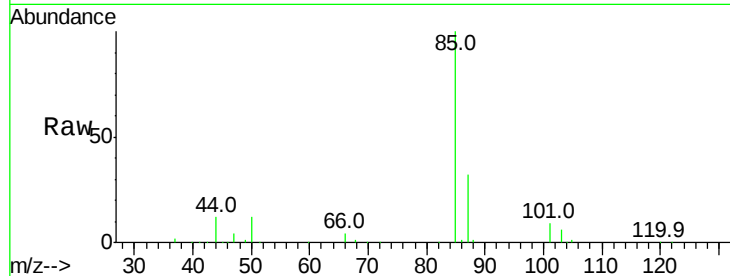
VSTD00506

Tgt Ion: 85 Resp: 131961

Ion Ratio Lower Upper

85 100

87 31.8 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VU038917.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU038917.D (-9) (-)

1.39

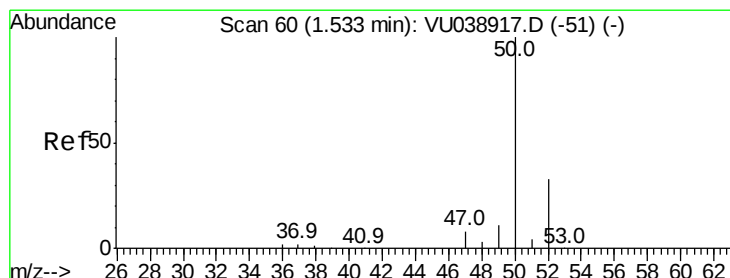
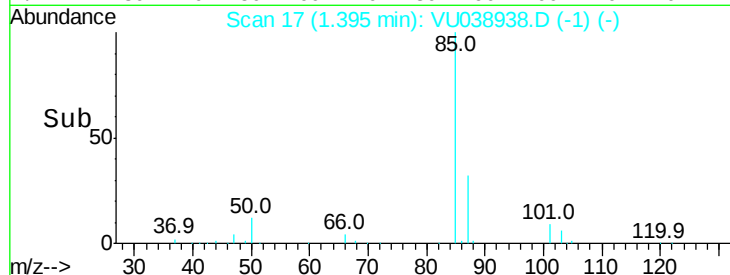
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100000

50000

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Time-->



#3

Chloromethane

Concen: 5.527 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038938.D

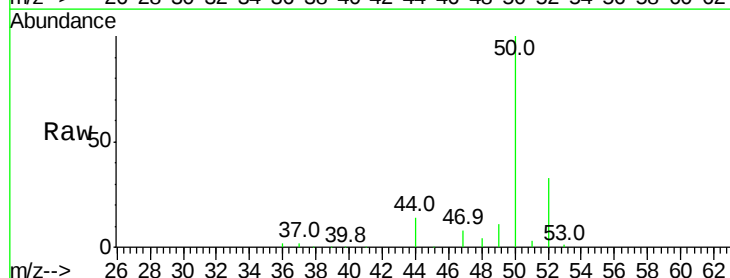
Acq: 17 Jun 2020 11:51

Tgt Ion: 50 Resp: 133329

Ion Ratio Lower Upper

50 100

52 33.2 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU038917.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU038917.D (-51) (-)

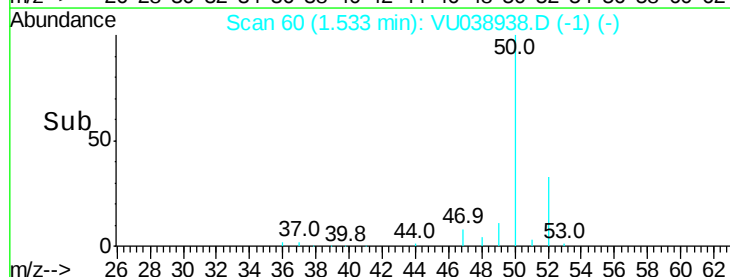
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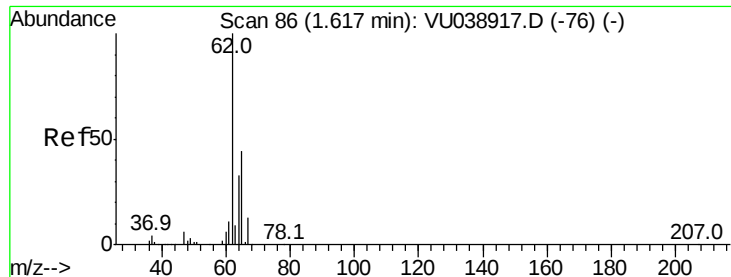
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50000

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Time-->





#5

Vinyl chloride

Concen: 5.357 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

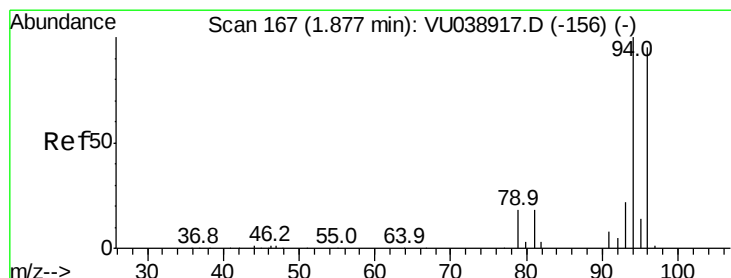
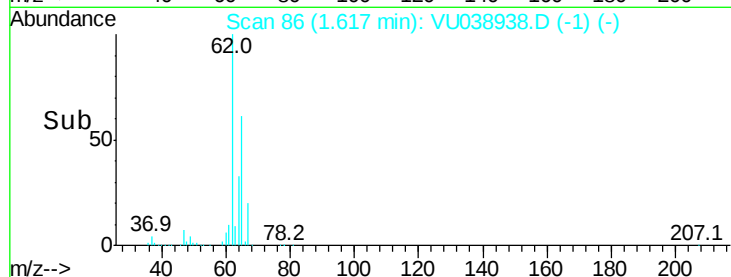
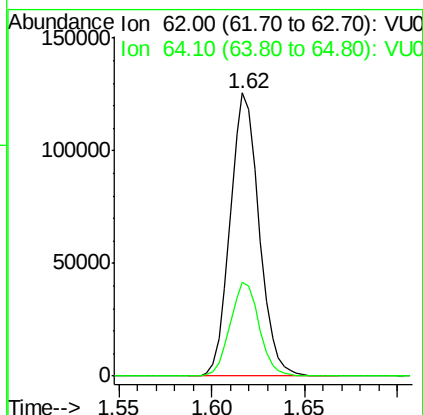
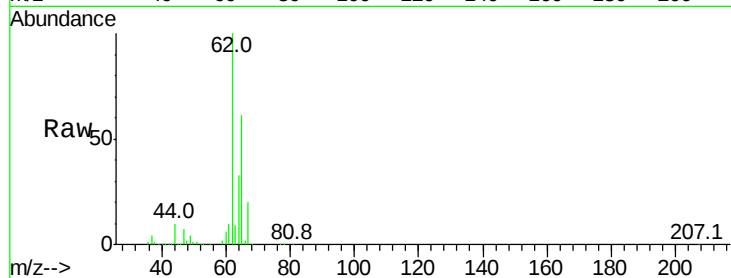
VSTD00506

Tgt Ion: 62 Resp: 136340

Ion Ratio Lower Upper

62 100

64 33.0 22.2 41.2



#6

Bromomethane

Concen: 5.126 ug/L

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU038938.D

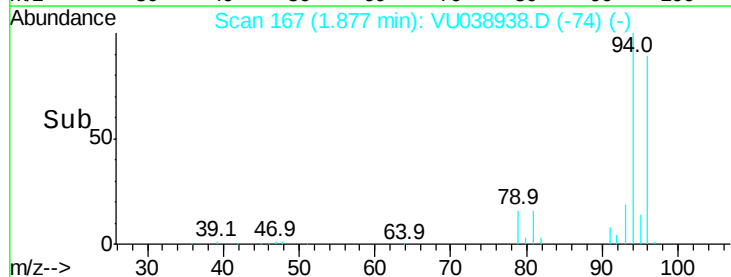
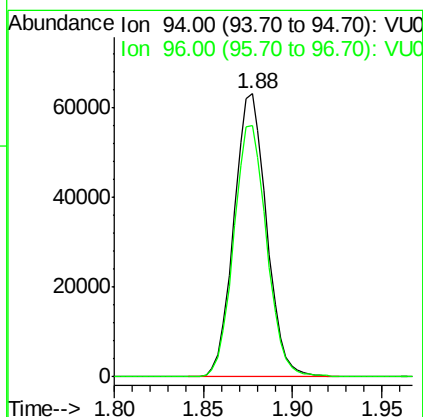
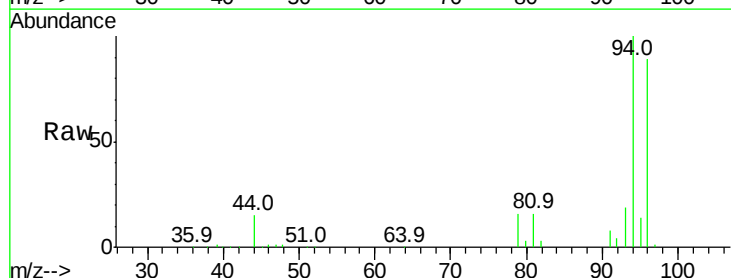
Acq: 17 Jun 2020 11:51

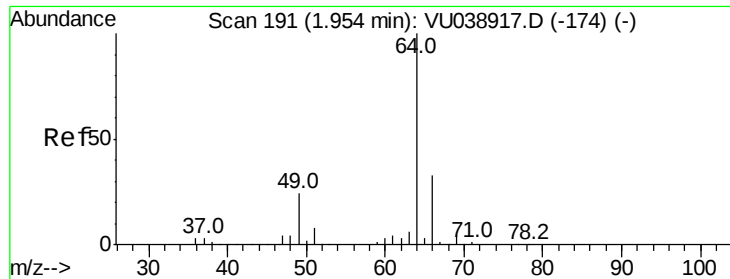
Tgt Ion: 94 Resp: 80114

Ion Ratio Lower Upper

94 100

96 89.0 65.5 121.7

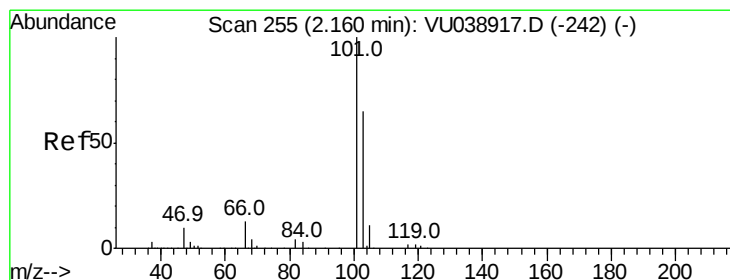
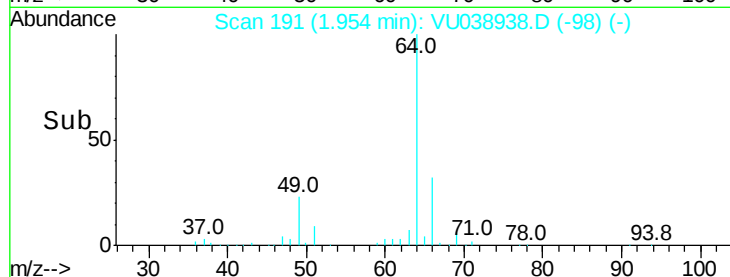
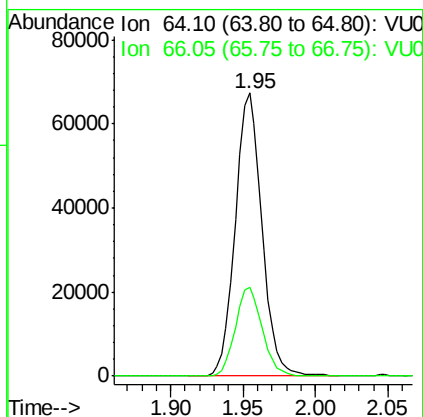
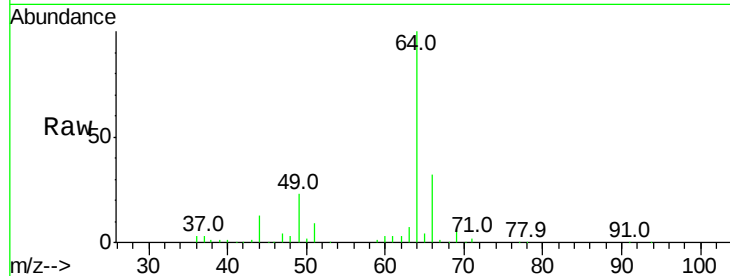




#8
Chloroethane
Concen: 4.539 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

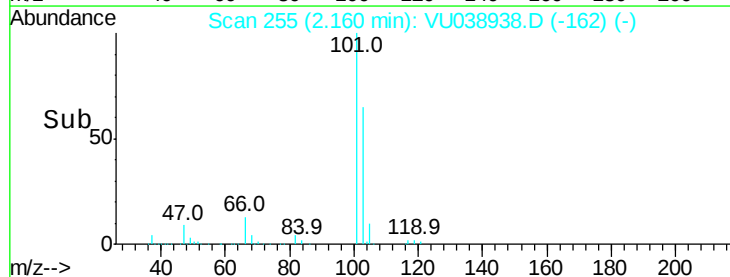
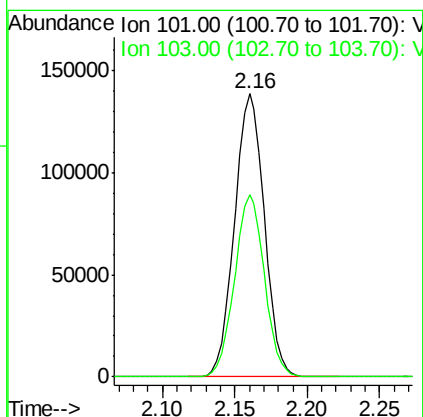
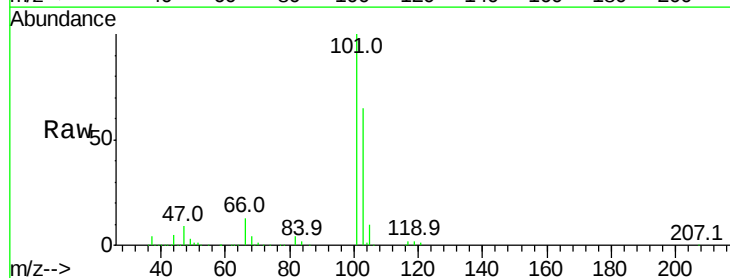
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

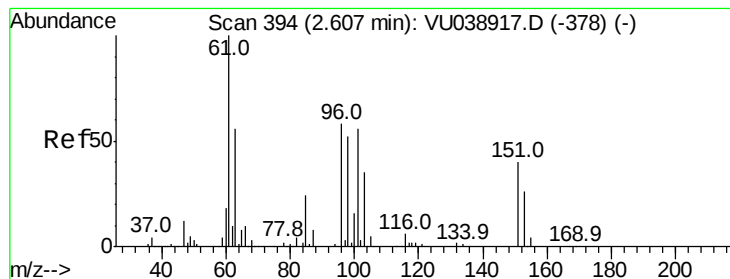
Tgt Ion: 64 Resp: 85870
Ion Ratio Lower Upper
64 100
66 31.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.466 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion: 101 Resp: 197406
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7





#10

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

Concen: 4.571 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD00506

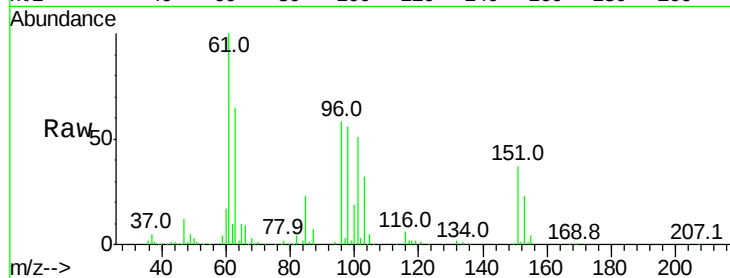
Tgt Ion:101 Resp: 100217

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

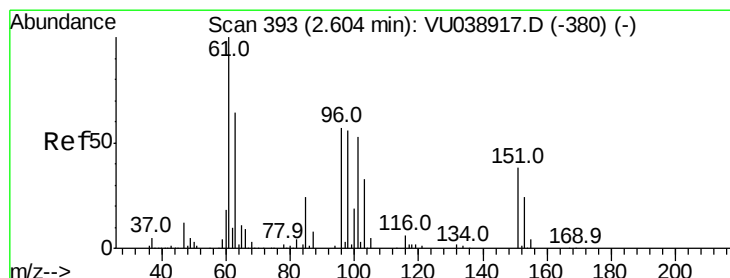
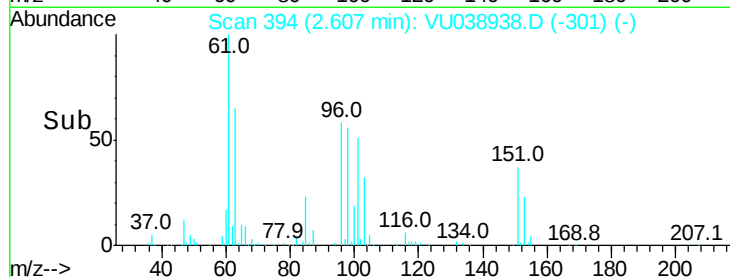
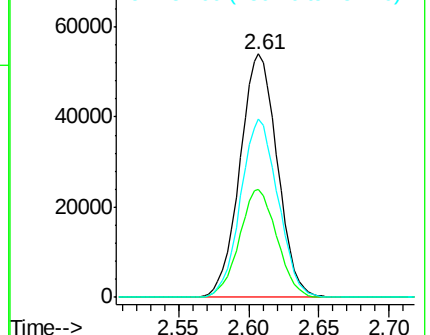
151 73.1 57.4 86.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.794 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

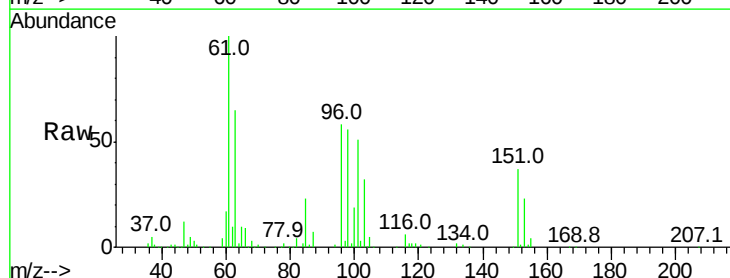
Tgt Ion: 96 Resp: 100658

Ion Ratio Lower Upper

96 100

61 171.9 124.9 232.1

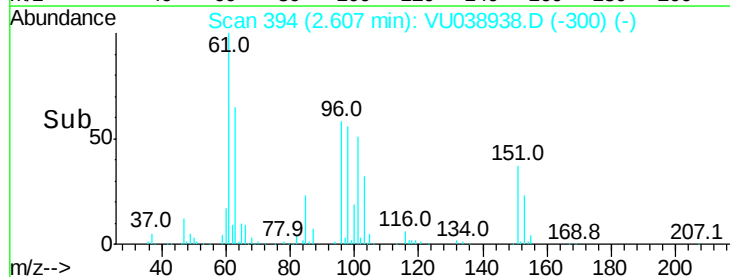
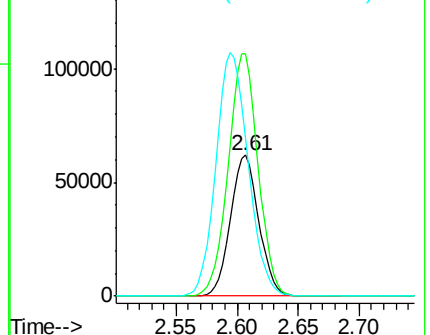
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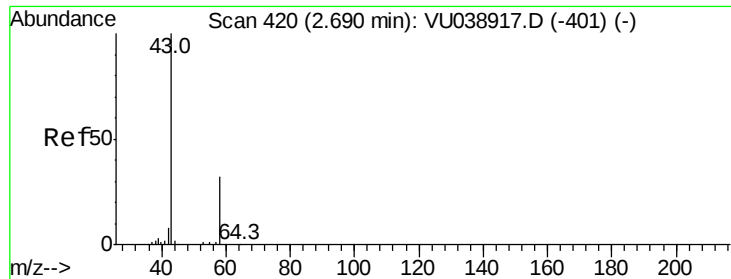


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 46.240 ug/L

RT: 2.70 min Scan# 424

Delta R.T. 0.01 min

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ClientSampleId :

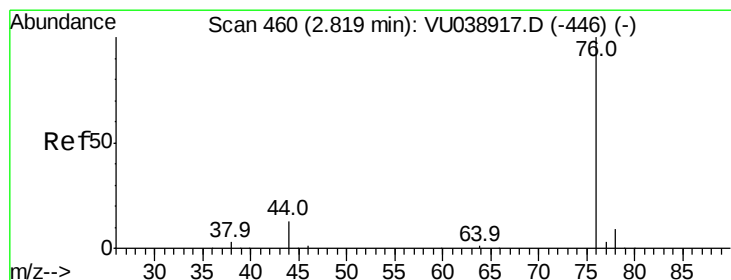
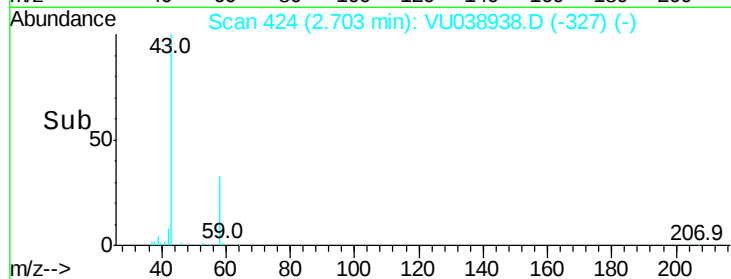
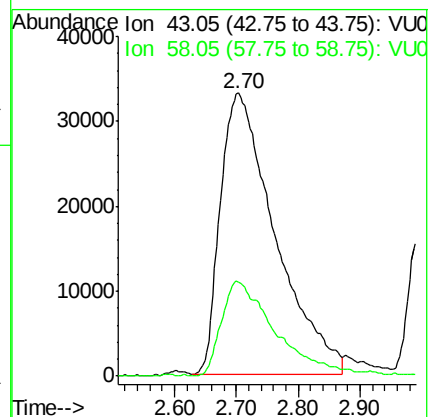
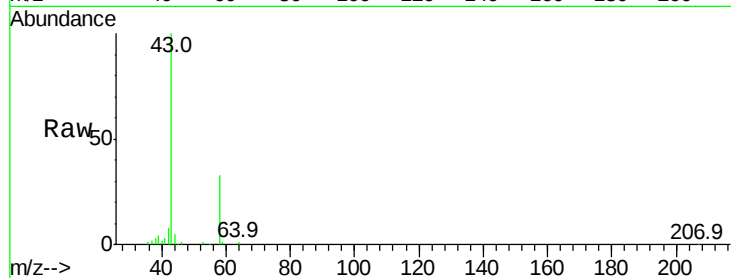
VSTD00506

Tgt Ion: 43 Resp: 202746

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.6



#14

Carbon disulfide

Concen: 4.687 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038938.D

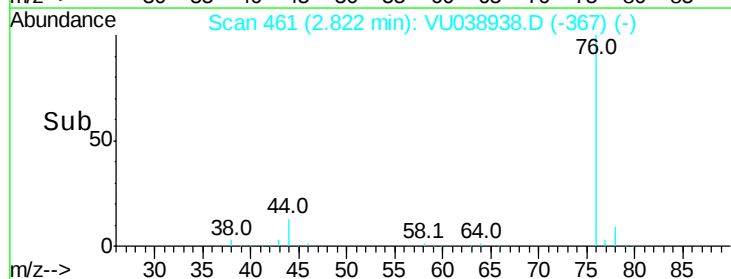
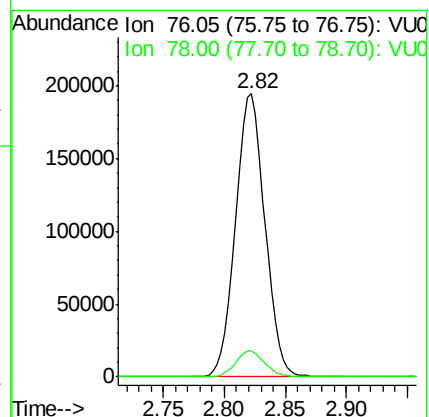
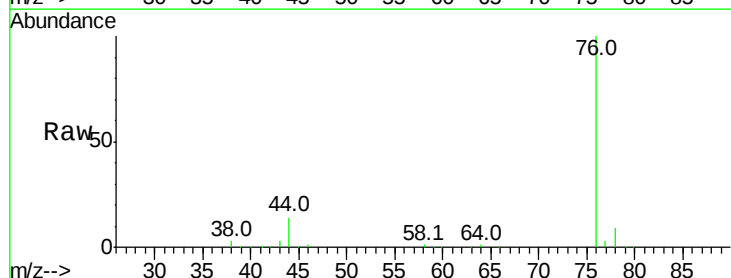
Acq: 17 Jun 2020 11:51

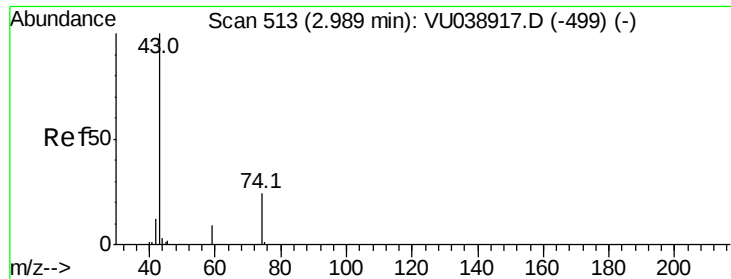
Tgt Ion: 76 Resp: 326727

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

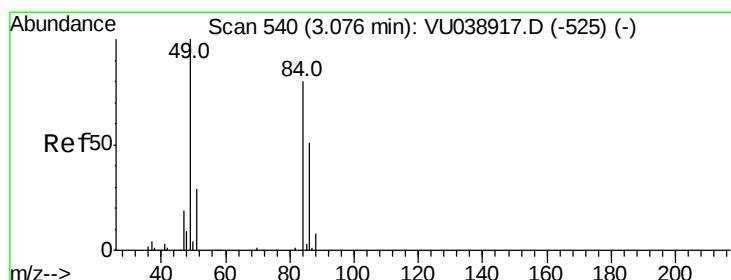
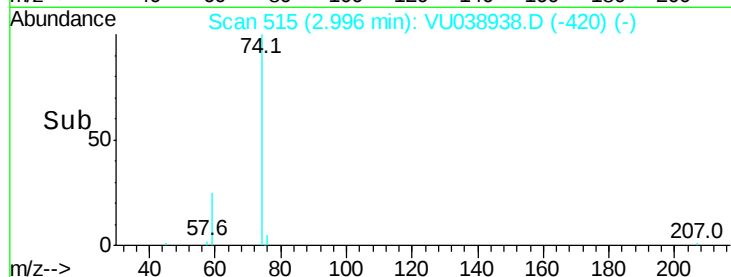
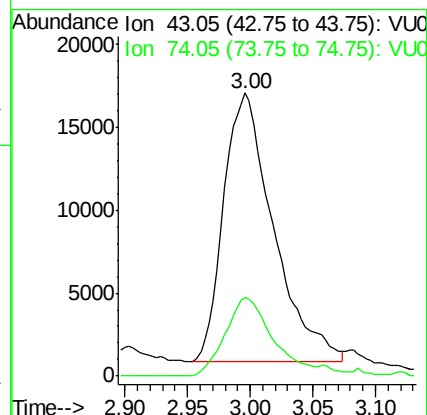
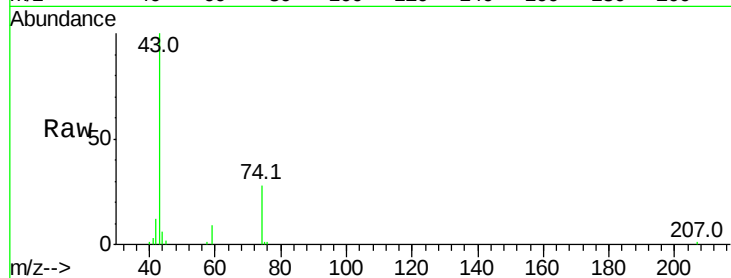




#15
Methyl Acetate
Concen: 4.182 ug/L
RT: 3.00 min Scan# 515
Delta R.T. 0.01 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

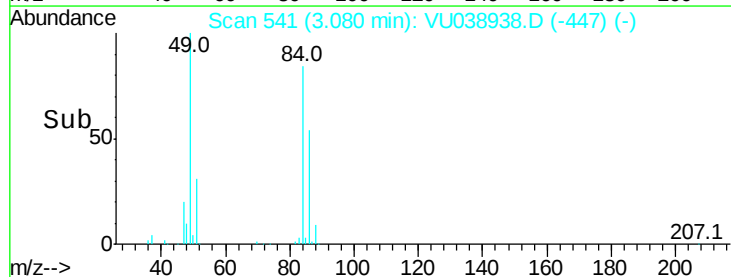
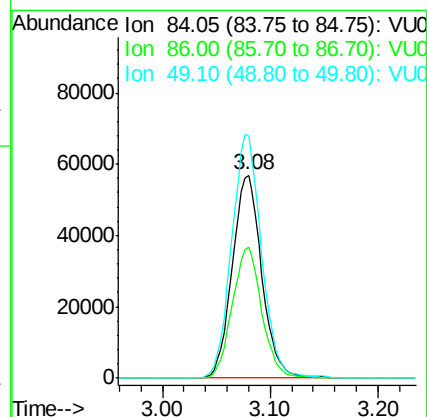
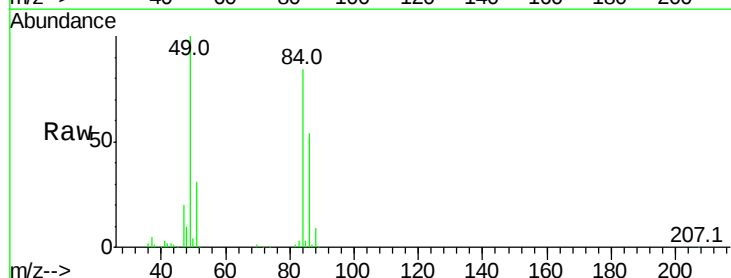
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

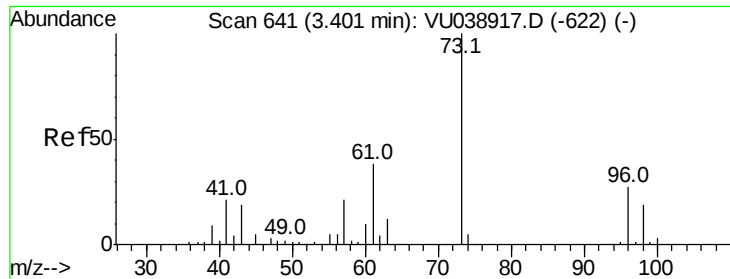
Tgt Ion: 43 Resp: 44734
Ion Ratio Lower Upper
43 100
74 27.7 19.7 29.5



#16
Methylene chloride
Concen: 4.499 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion: 84 Resp: 108605
Ion Ratio Lower Upper
84 100
86 64.4 47.9 89.1
49 119.5 88.4 164.2

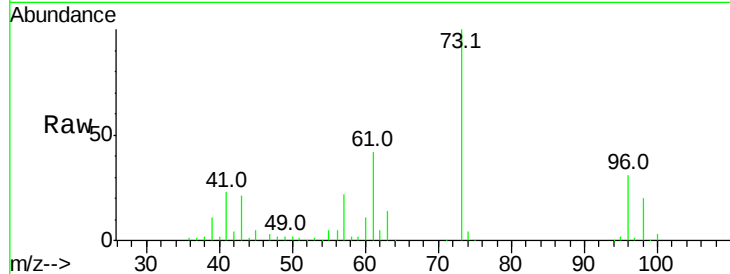




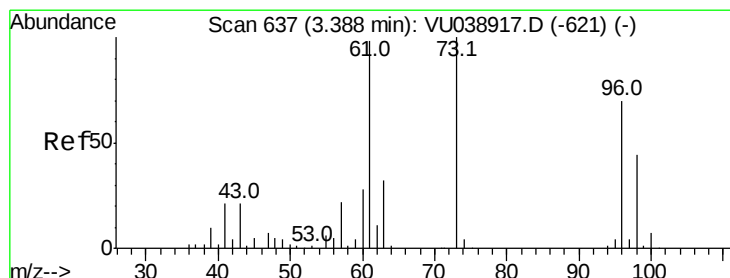
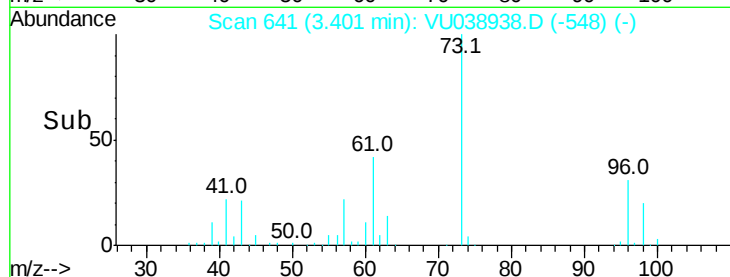
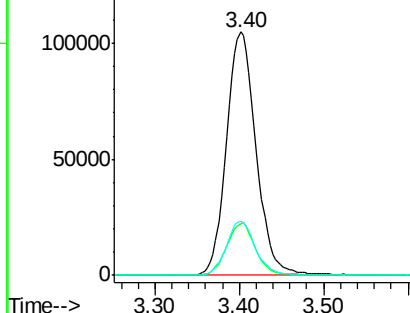
#17
Methyl tert-butyl Ether
Concen: 4.783 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 73 Resp: 256251
Ion Ratio Lower Upper
73 100
43 21.2 16.6 24.8
57 22.1 17.5 26.3

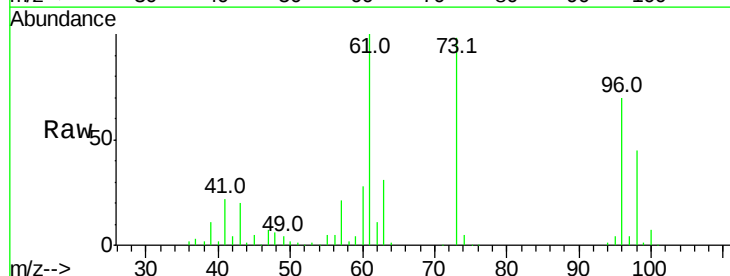


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

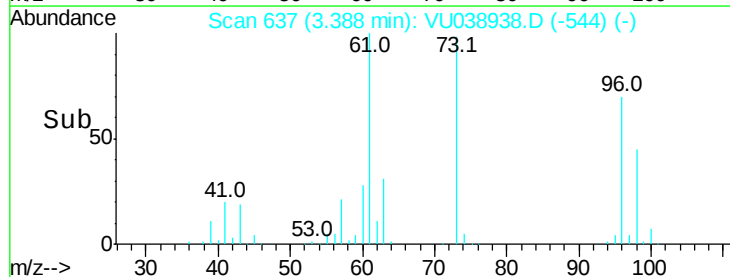
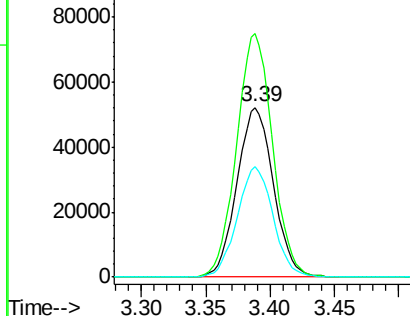


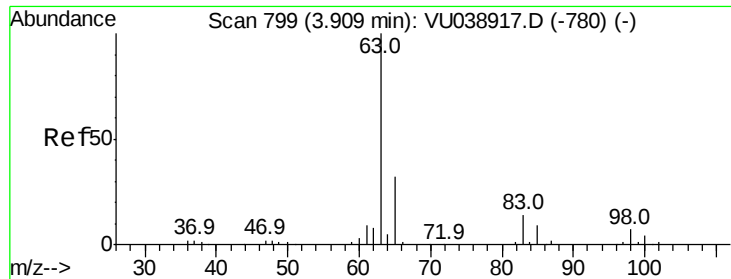
#18
trans-1,2-Dichloroethene
Concen: 4.626 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion: 96 Resp: 102900
Ion Ratio Lower Upper
96 100
61 143.3 97.6 181.4
98 64.8 44.5 82.7



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

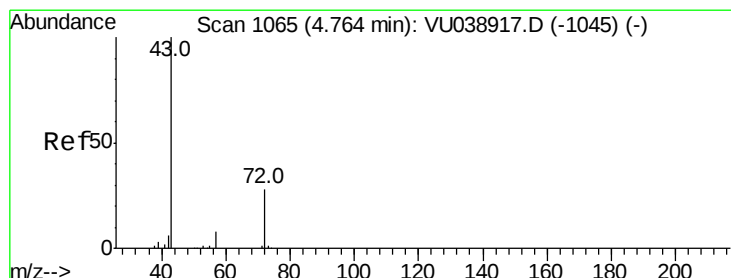
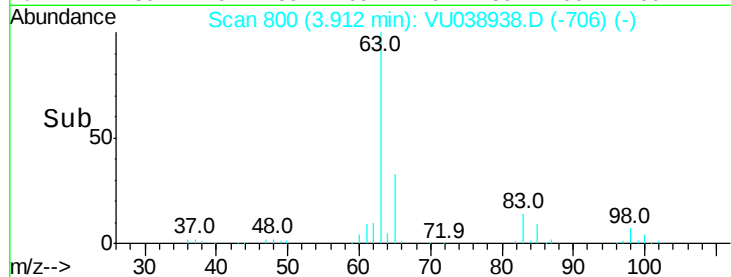
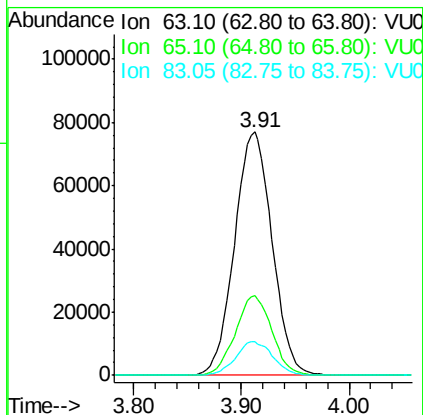
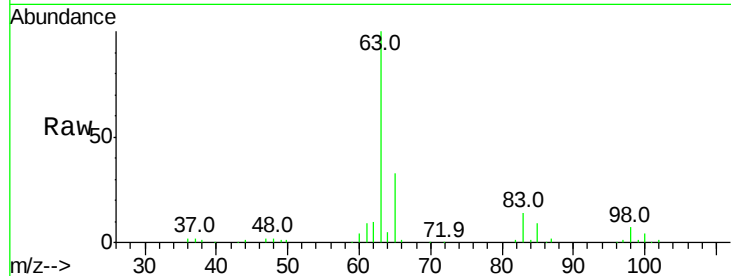




#19
 1,1-Dichloroethane
 Concen: 4.573 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

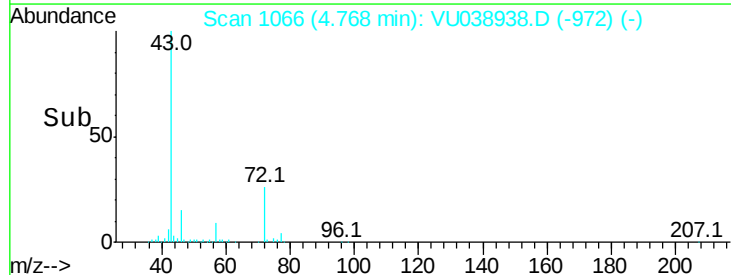
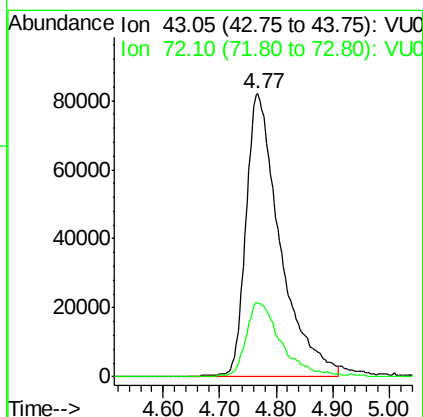
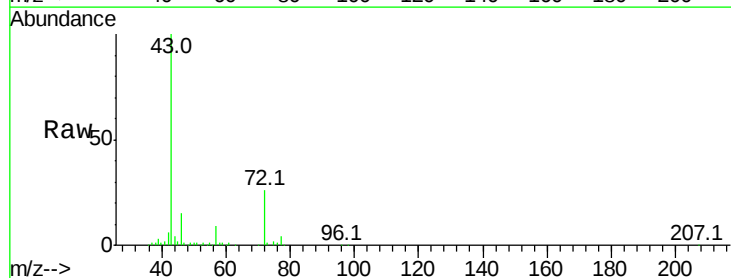
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

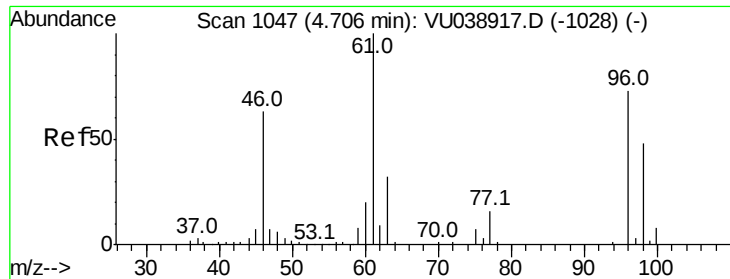
Tgt Ion: 63 Resp: 186484
 Ion Ratio Lower Upper
 63 100
 65 32.6 21.3 39.6
 83 13.7 9.5 17.7



#21
 2-Butanone
 Concen: 48.230 ug/L
 RT: 4.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion: 43 Resp: 343768
 Ion Ratio Lower Upper
 43 100
 72 25.0 14.0 41.9

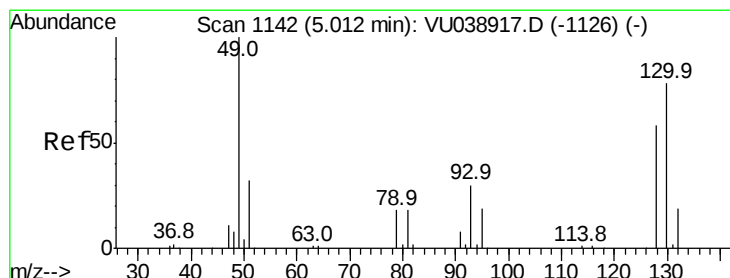
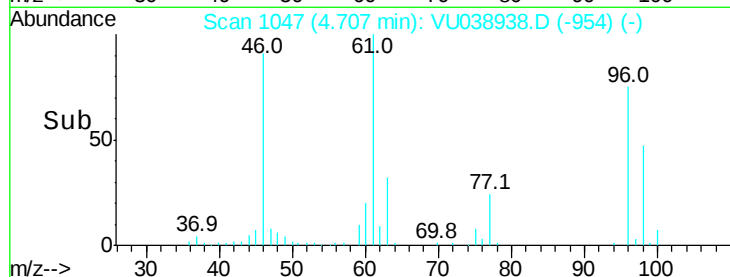
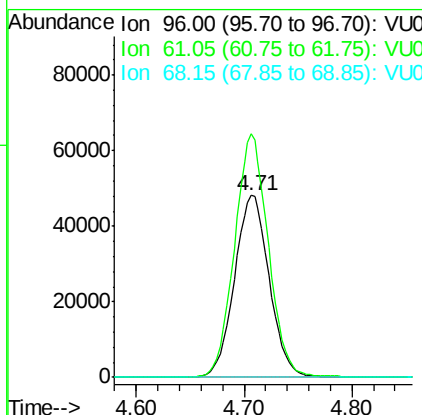
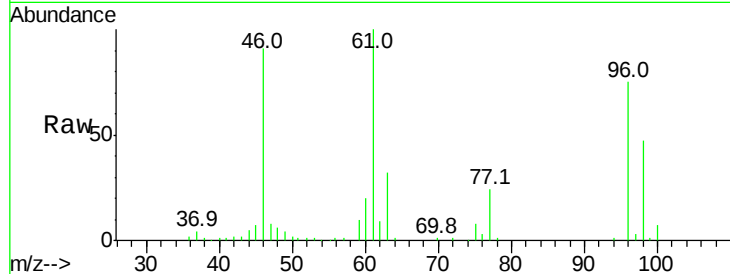




#22
 cis-1,2-Dichloroethene
 Concen: 4.642 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

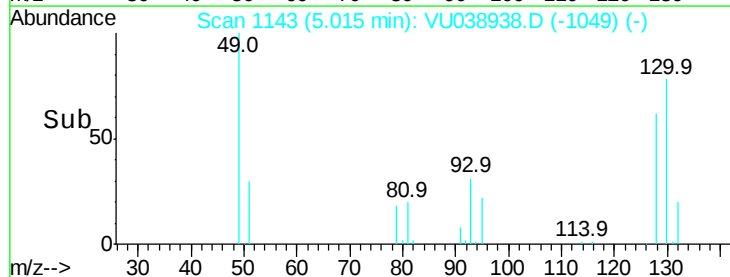
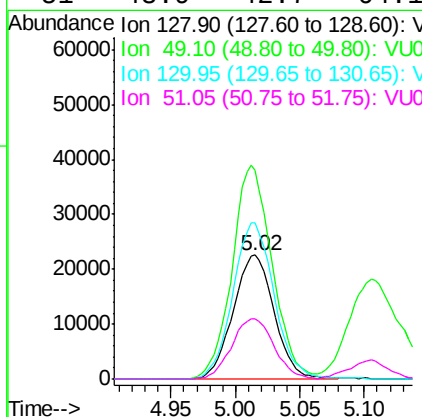
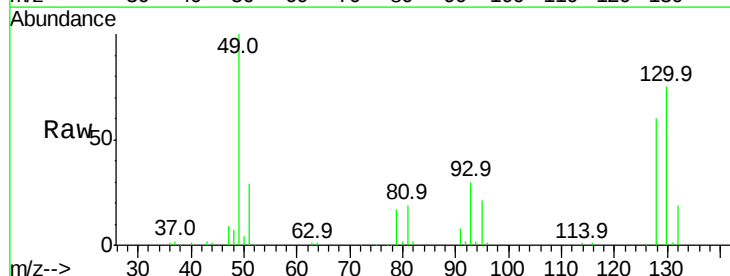
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

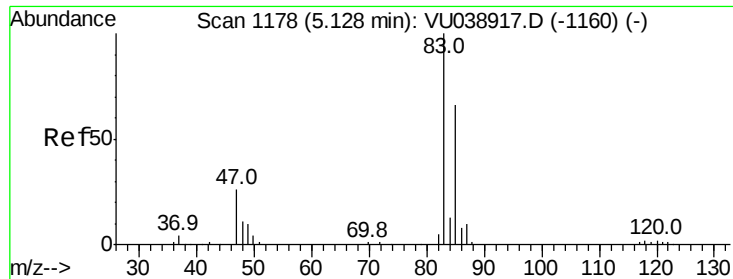
Tgt Ion: 96 Resp: 107983
 Ion Ratio Lower Upper
 96 100
 61 133.8 90.5 168.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.537 ug/L
 RT: 5.02 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion: 128 Resp: 49961
 Ion Ratio Lower Upper
 128 100
 49 167.7 114.8 213.2
 130 125.5 91.7 170.3
 51 48.9 42.7 64.1

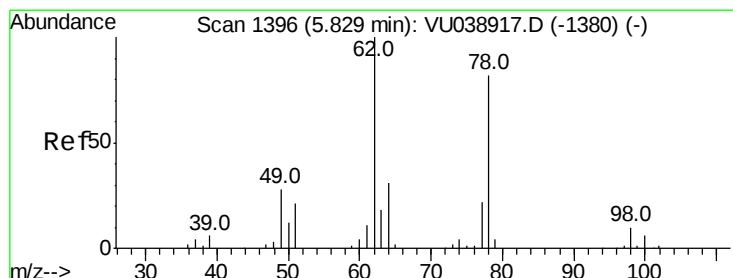
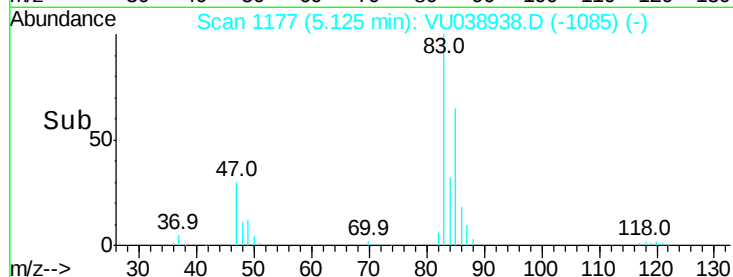
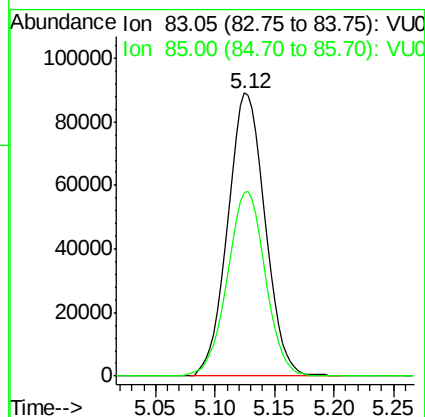
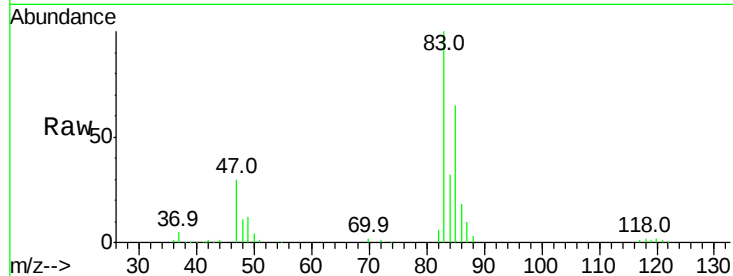




#25
Chloroform
Concen: 4.559 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

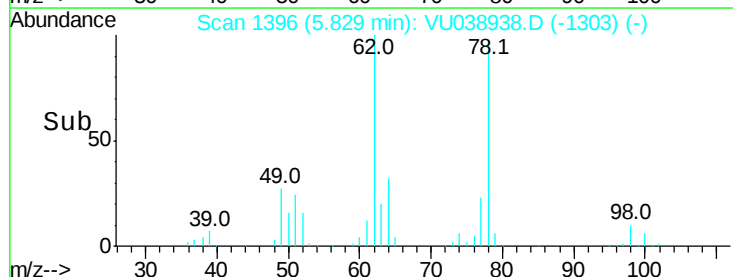
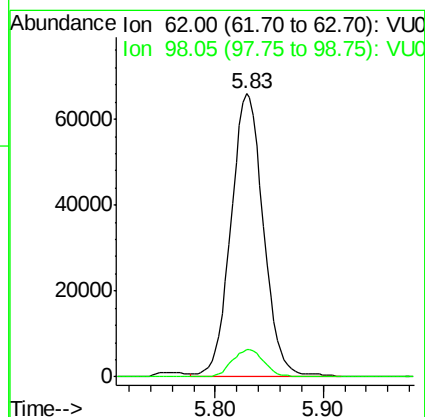
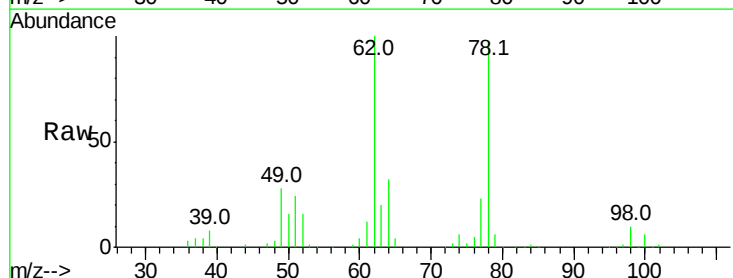
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

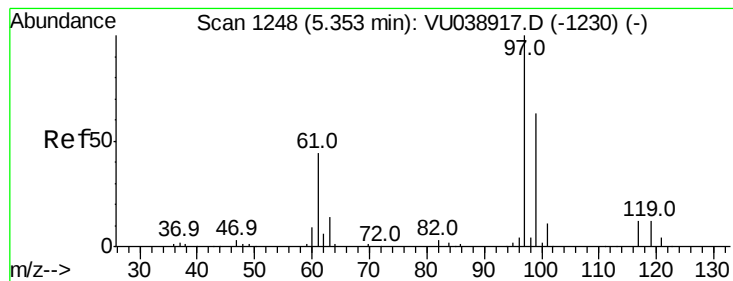
Tgt Ion: 83 Resp: 193754
Ion Ratio Lower Upper
83 100
85 65.0 45.8 85.2



#27
1,2-Dichloroethane
Concen: 4.575 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion: 62 Resp: 138012
Ion Ratio Lower Upper
62 100
98 9.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.896 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD00506

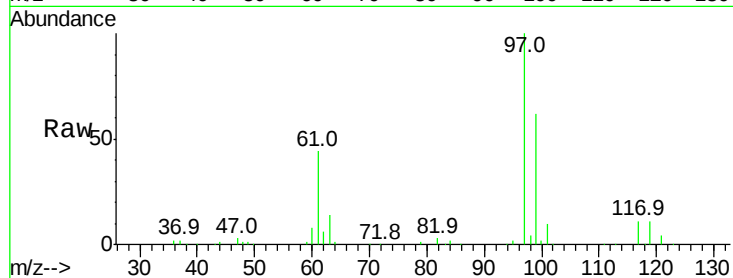
Tgt Ion: 97 Resp: 174529

Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.2

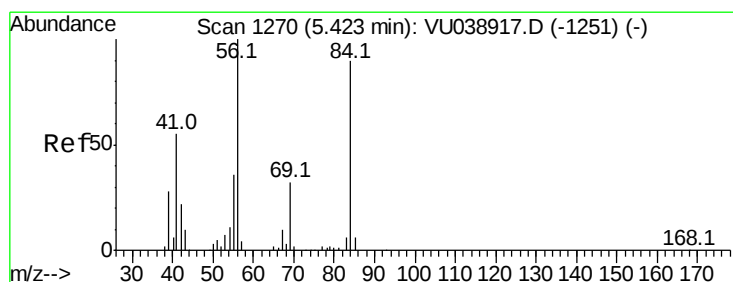
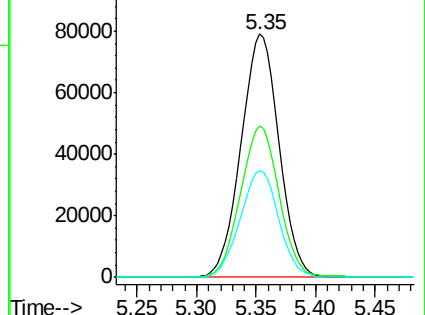
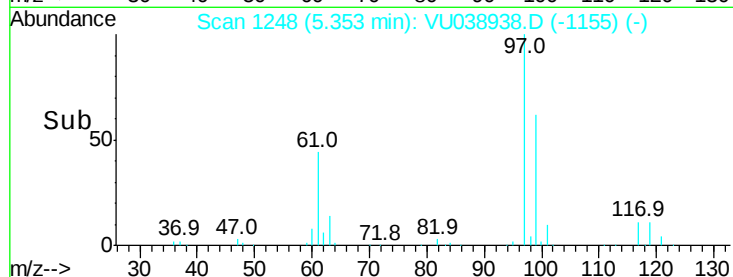
61 44.5 36.3 54.5



Abundance Ion 96.95 (96.65 to 97.65): VU038938.D (-1155) (-)

Ion 99.05 (98.75 to 99.75): VU038938.D (-1155) (-)

Ion 61.05 (60.75 to 61.75): VU038938.D (-1155) (-)



#30

Cyclohexane

Concen: 5.004 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

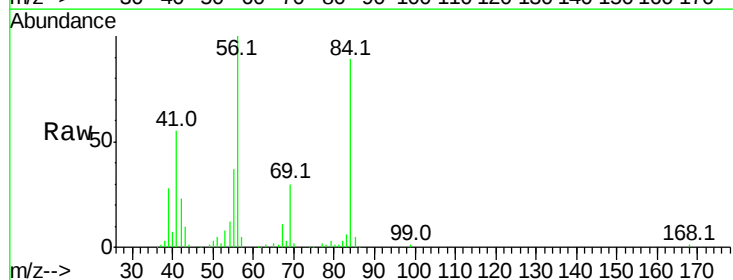
Tgt Ion: 56 Resp: 160703

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

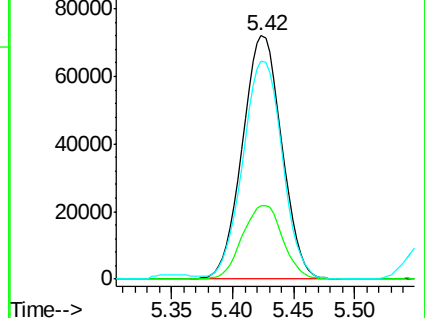
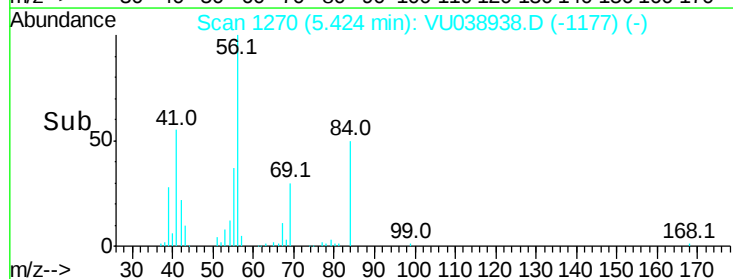
84 90.0 72.1 108.1

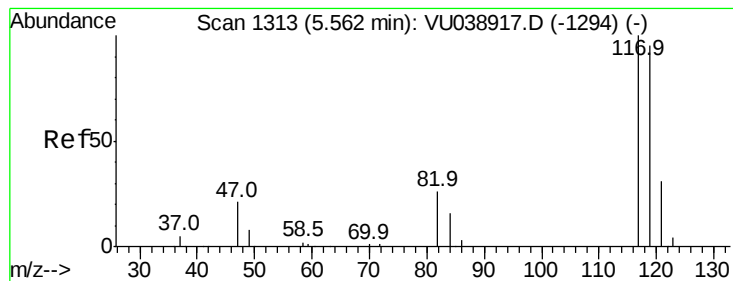


Abundance Ion 56.10 (55.80 to 56.80): VU038938.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038938.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038938.D (-1177) (-)





#31

Carbon tetrachloride

Concen: 4.907 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

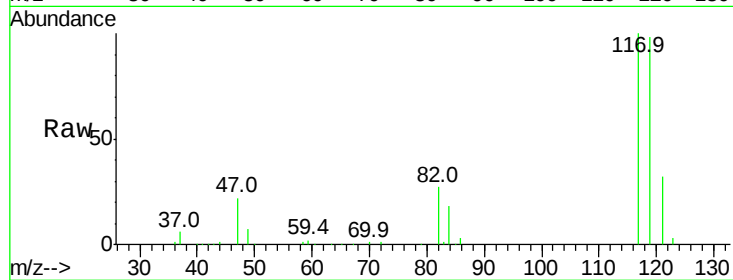
VSTD00506

Tgt Ion:117 Resp: 148884

Ion Ratio Lower Upper

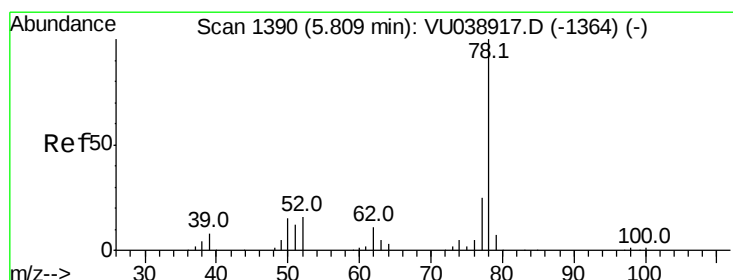
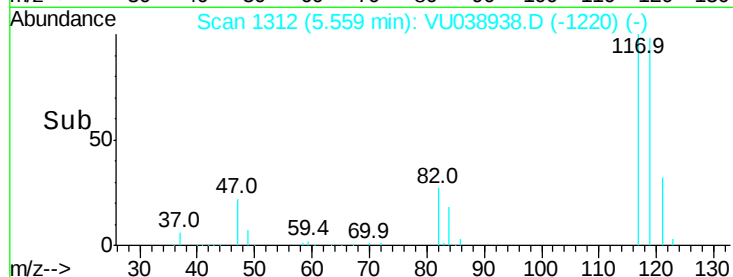
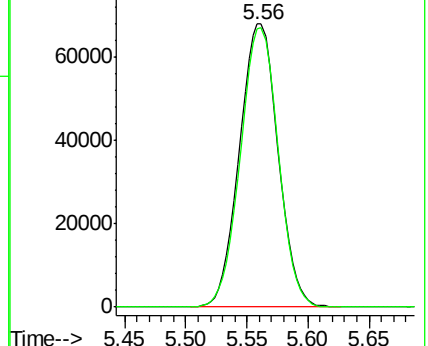
117 100

119 96.8 76.6 114.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.928 ug/L

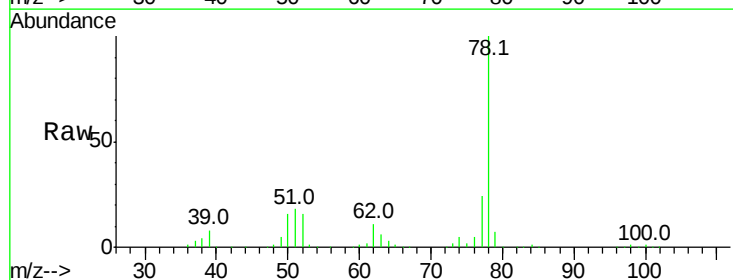
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

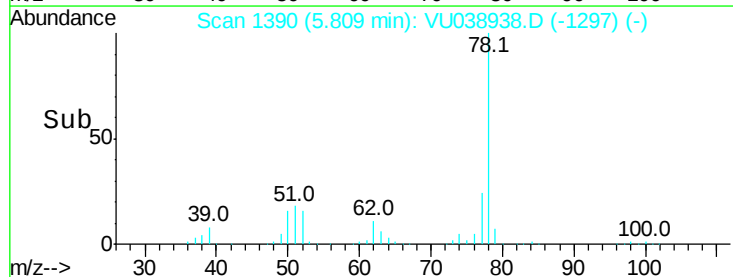
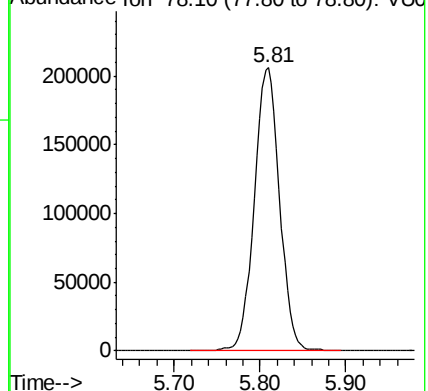
Lab File: VU038938.D

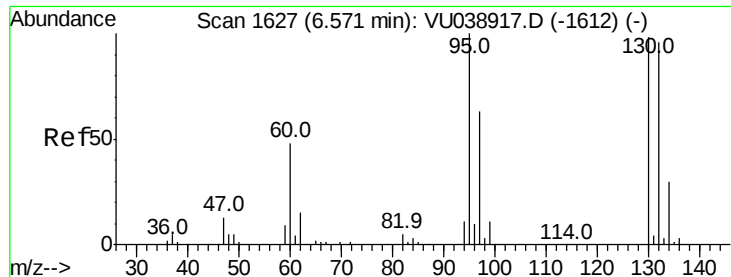
Acq: 17 Jun 2020 11:51

Tgt Ion: 78 Resp: 421273



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.762 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD00506

Tgt Ion: 95 Resp: 106291

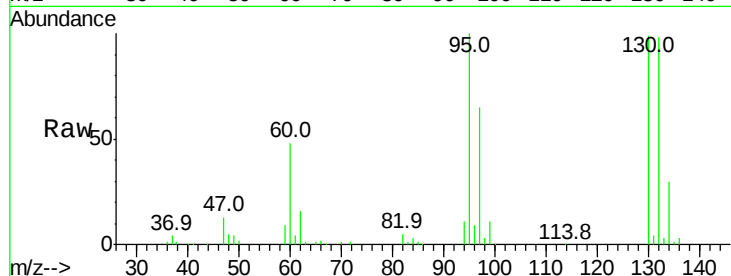
Ion Ratio Lower Upper

95 100

97 64.9 46.1 85.5

132 97.7 68.2 126.6

130 99.4 71.0 131.9

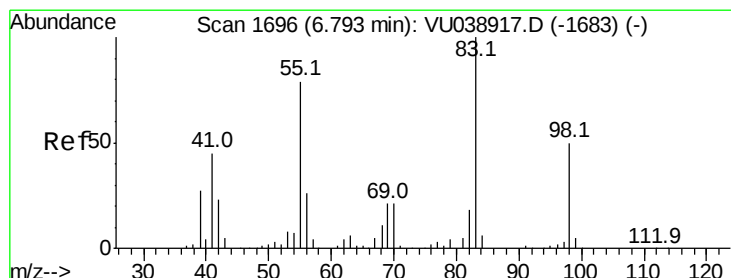
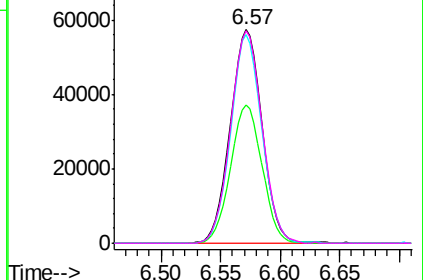
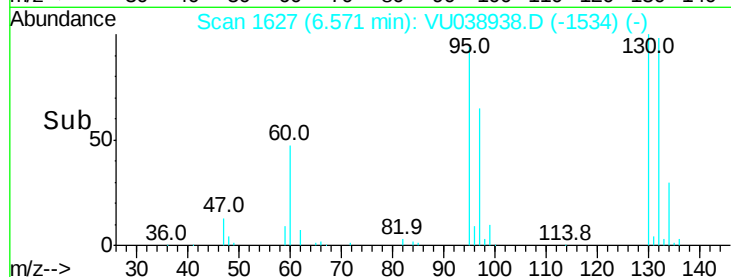


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.977 ug/L

RT: 6.79 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

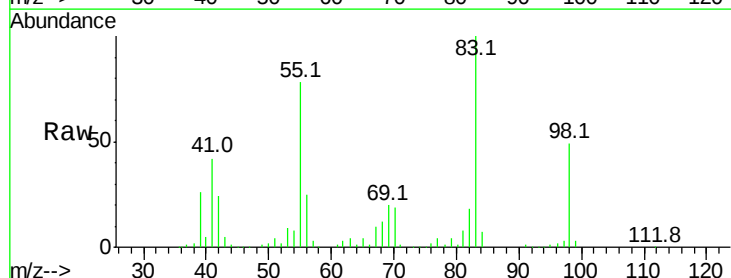
Tgt Ion: 83 Resp: 165492

Ion Ratio Lower Upper

83 100

55 77.3 63.6 95.4

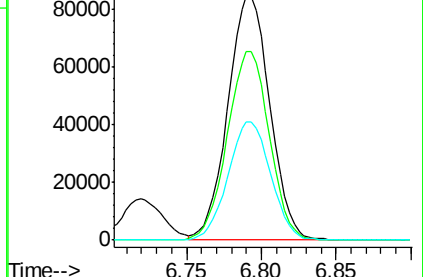
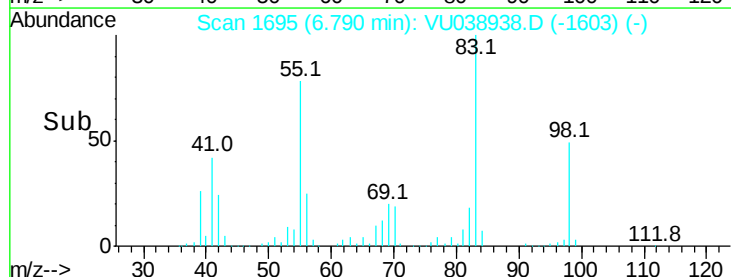
98 49.1 38.9 58.3

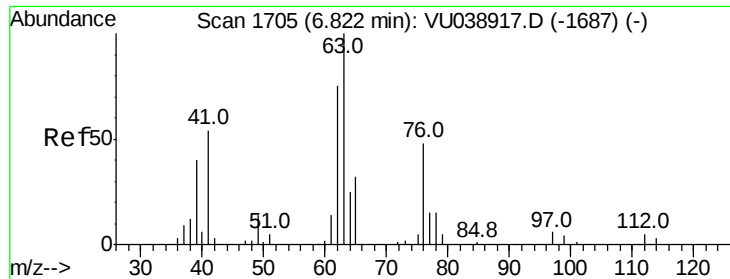


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

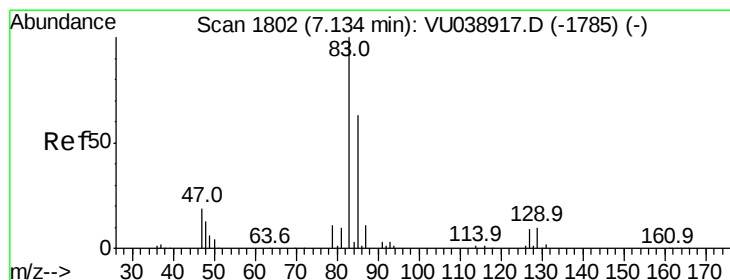
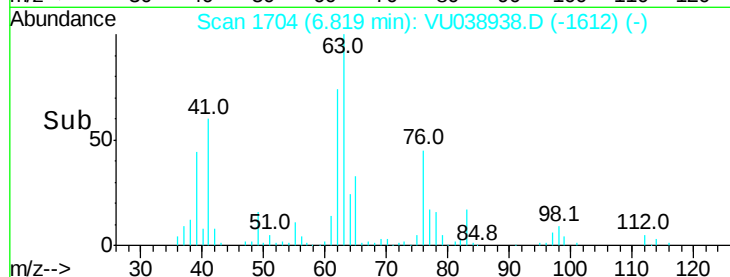
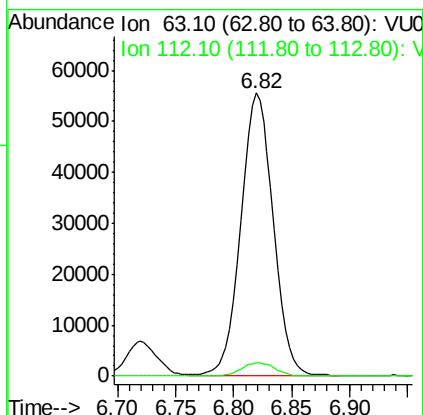
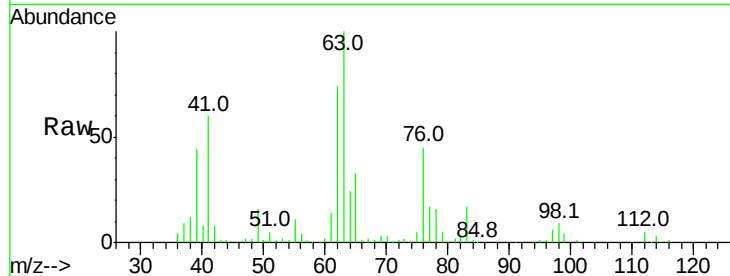




#37
 1,2-Dichloropropane
 Concen: 4.911 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

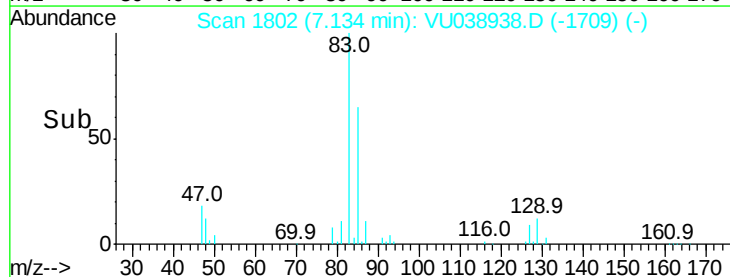
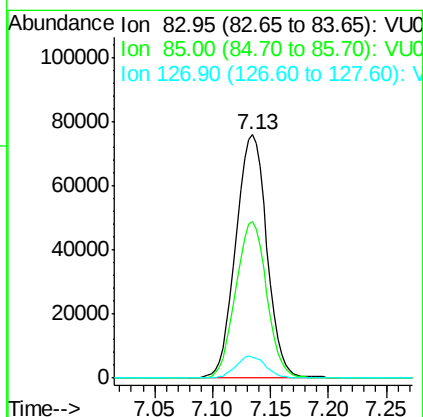
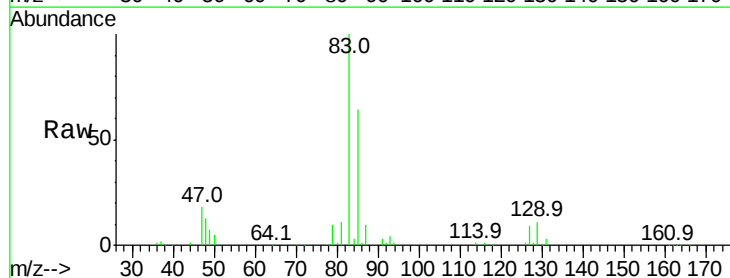
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

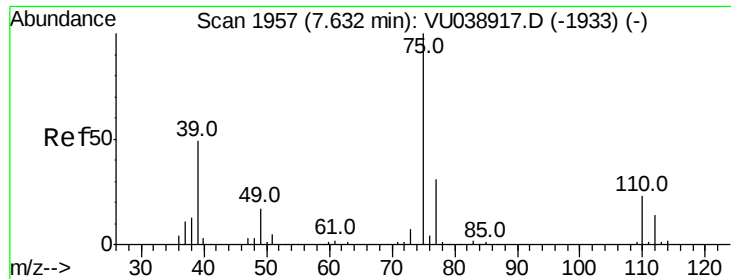
Tgt Ion: 63 Resp: 108320
 Ion Ratio Lower Upper
 63 100
 112 4.9 3.8 5.8



#38
 Bromodichloromethane
 Concen: 4.885 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion: 83 Resp: 141683
 Ion Ratio Lower Upper
 83 100
 85 64.3 44.8 83.2
 127 8.7 6.3 9.5

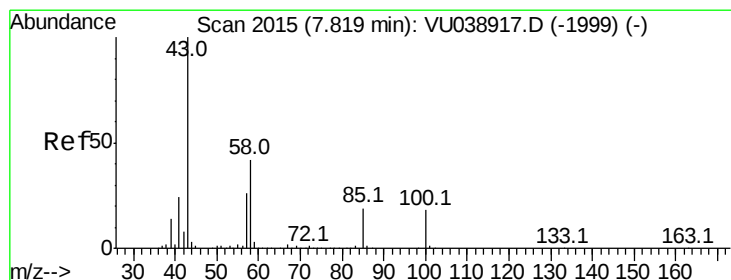
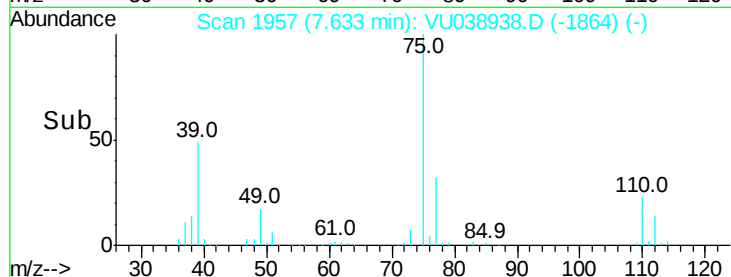
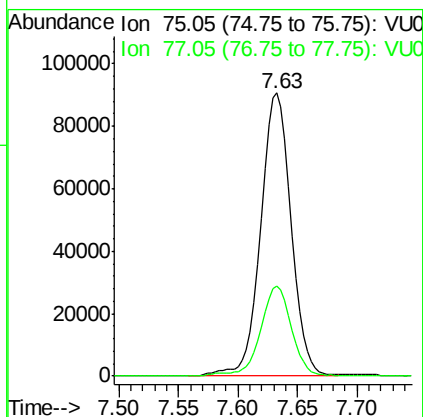
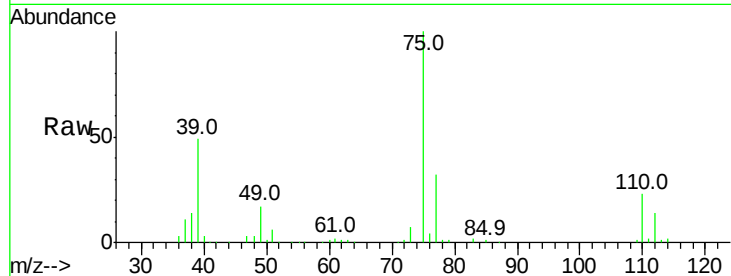




#39
 cis-1,3-Dichloropropene
 Concen: 5.099 ug/L
 RT: 7.63 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

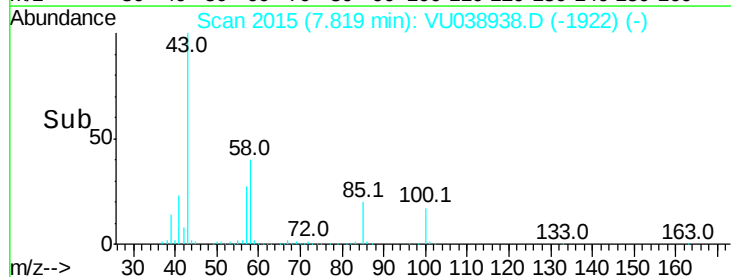
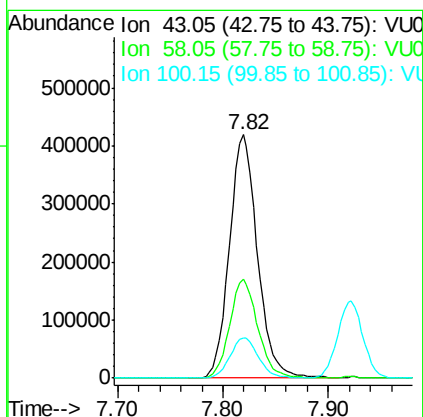
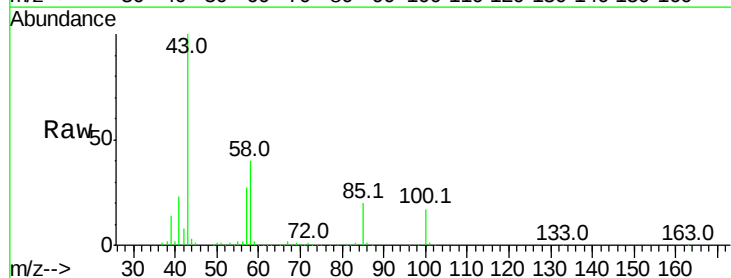
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

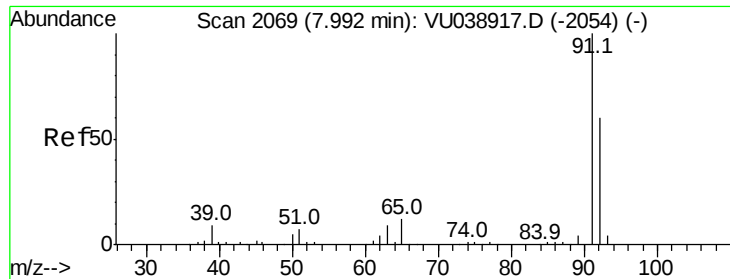
Tgt Ion: 75 Resp: 160850
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 51.173 ug/L
 RT: 7.82 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion: 43 Resp: 769944
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.6 49.0
 100 16.8 13.8 20.6





#42

Toluene

Concen: 4.918 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

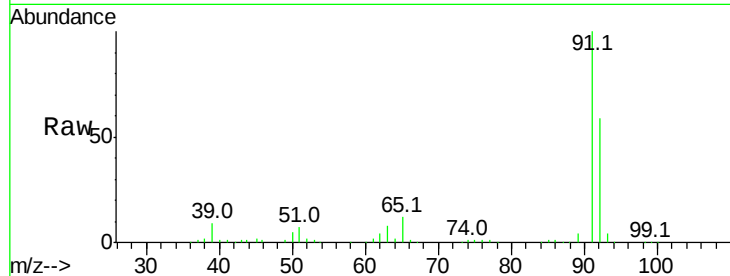
VSTD00506

Tgt Ion: 91 Resp: 443076

Ion Ratio Lower Upper

91 100

92 59.4 41.5 77.1



Abundance Ion 91.15 (90.85 to 91.85): VU038917.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038917.D (-2054) (-)

7.99

250000

200000

150000

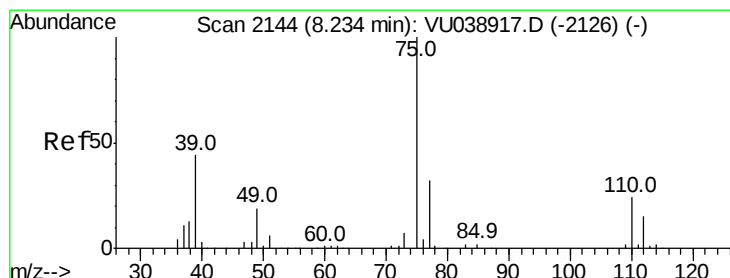
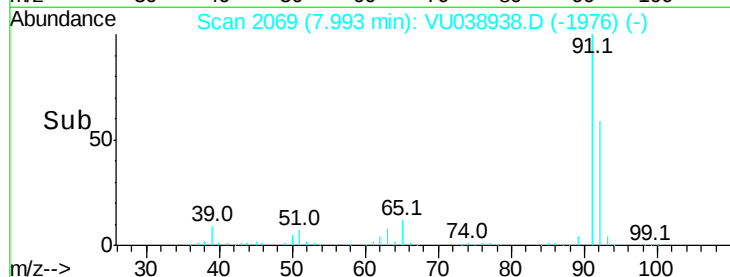
100000

50000

0

Time-->

7.90 7.95 8.00 8.05



#44

trans-1,3-Dichloropropene

Concen: 5.134 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VU038938.D

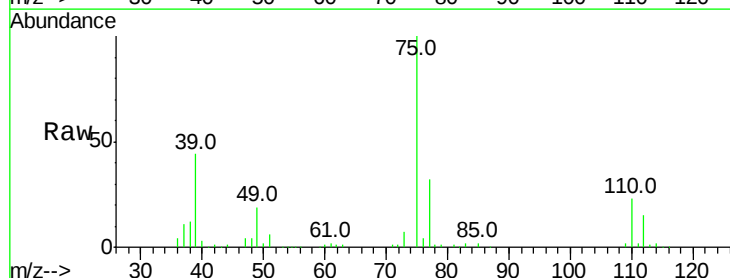
Acq: 17 Jun 2020 11:51

Tgt Ion: 75 Resp: 148118

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



Abundance Ion 75.05 (74.75 to 75.75): VU038917.D (-2126) (-)

Ion 77.05 (76.75 to 77.75): VU038917.D (-2126) (-)

8.23

100000

80000

60000

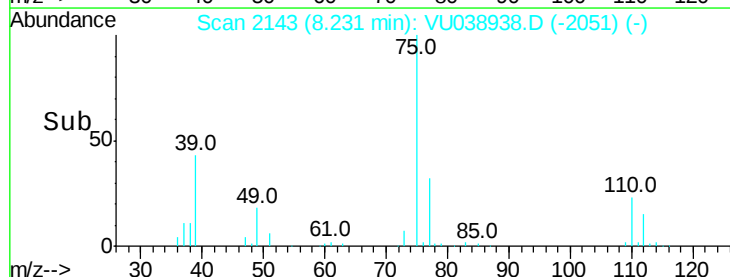
40000

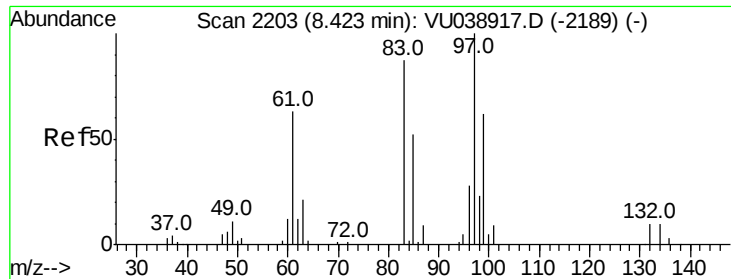
20000

0

Time-->

8.15 8.20 8.25 8.30

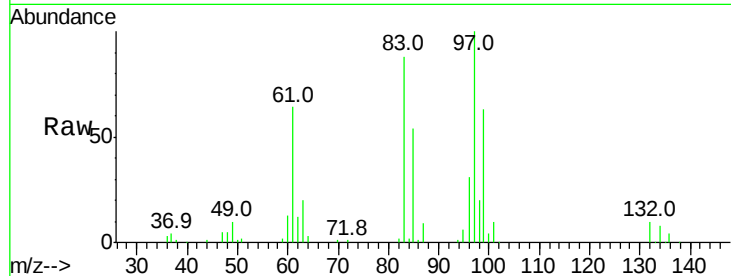




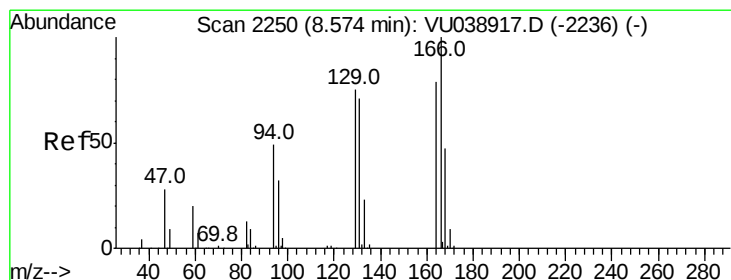
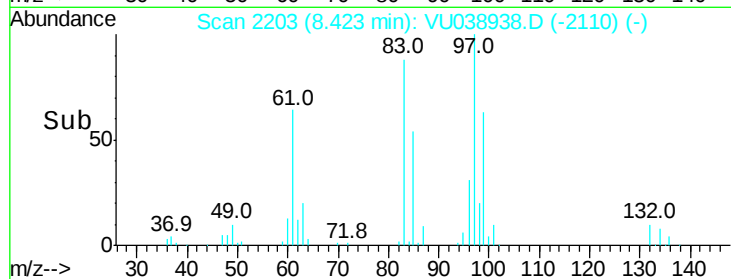
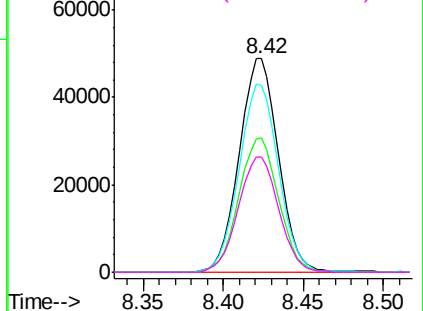
#45
 1,1,2-Trichloroethane
 Concen: 4.850 ug/L
 RT: 8.42 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Tgt Ion:	97	Resp:	81773
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.4	84.2
83	87.5	60.6	112.6
85	53.9	39.0	72.4

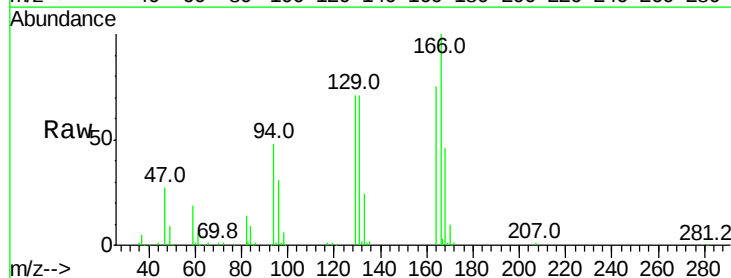


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

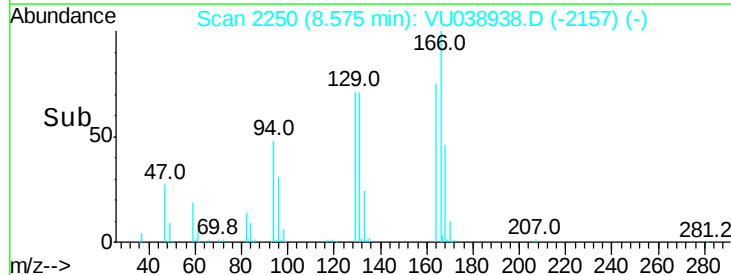
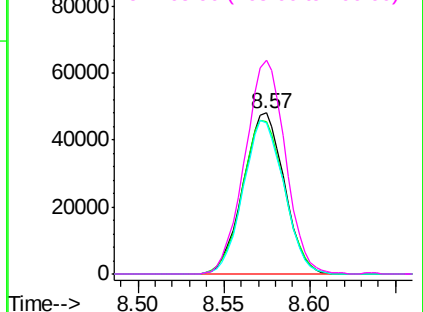


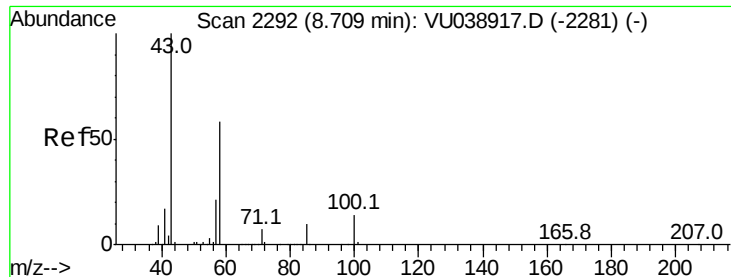
#47
 Tetrachloroethene
 Concen: 4.670 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion:	164	Resp:	79887
Ion	Ratio	Lower	Upper
164	100		
129	94.5	65.5	121.7
131	93.9	63.9	118.7
166	132.9	87.9	163.3



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

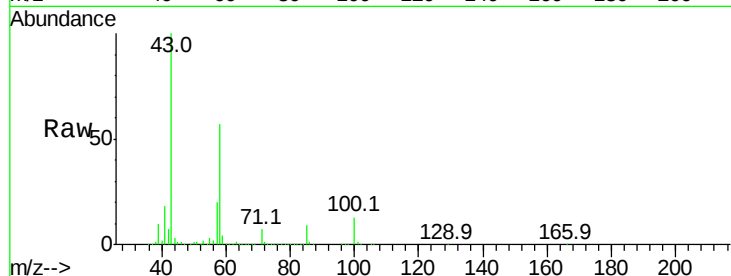




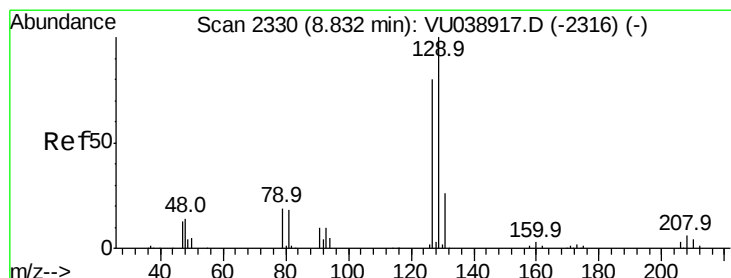
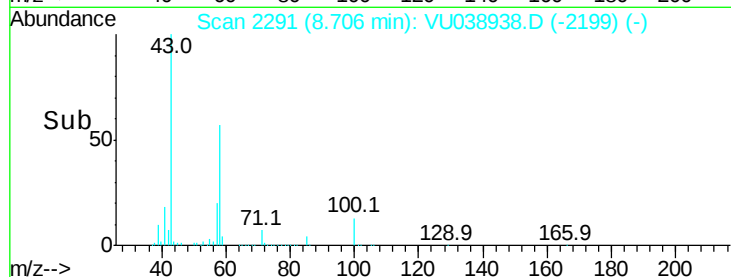
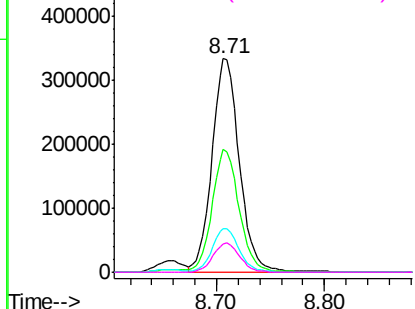
#48
2-Hexanone
Concen: 48.922 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion: 43 Resp: 583525
Ion Ratio Lower Upper
43 100
58 56.5 45.4 68.2
57 20.1 16.4 24.6
100 13.6 10.6 15.8

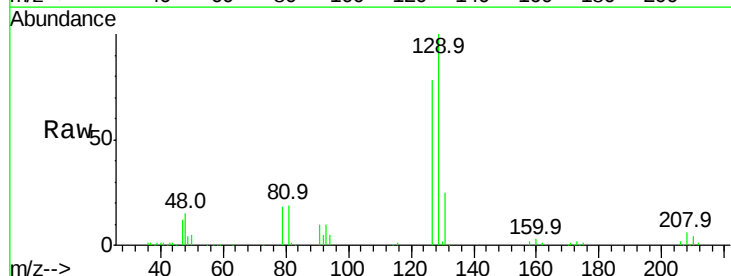


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

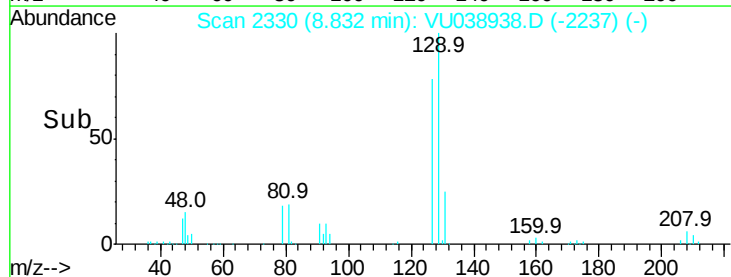
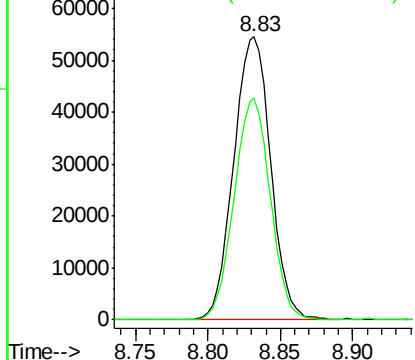


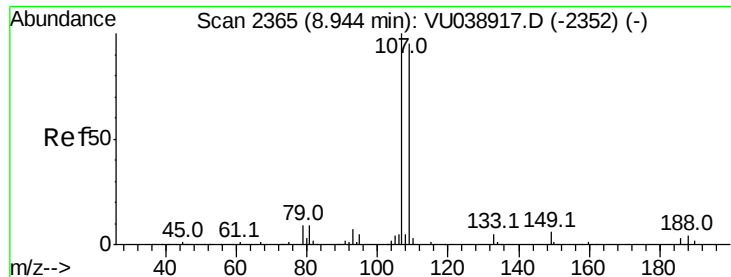
#49
Dibromochloromethane
Concen: 4.950 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion: 129 Resp: 96847
Ion Ratio Lower Upper
129 100
127 78.4 56.7 105.3



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

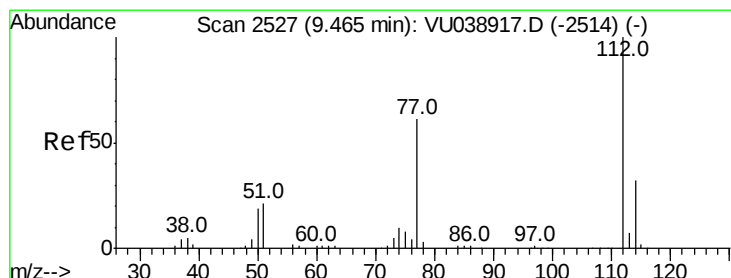
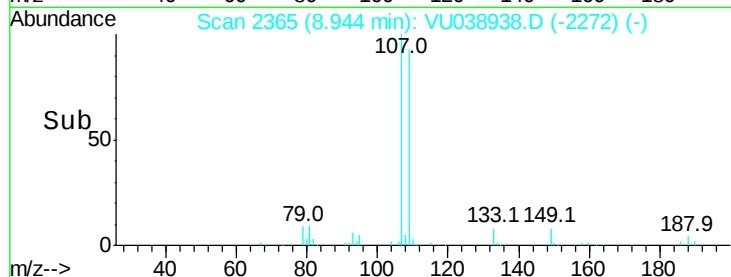
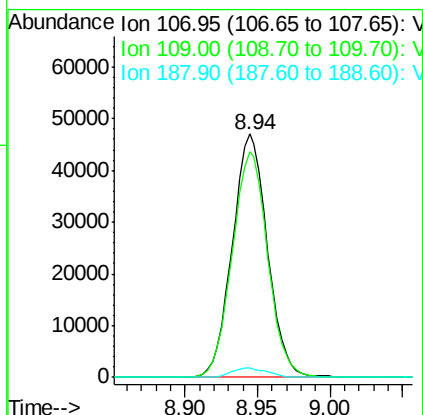
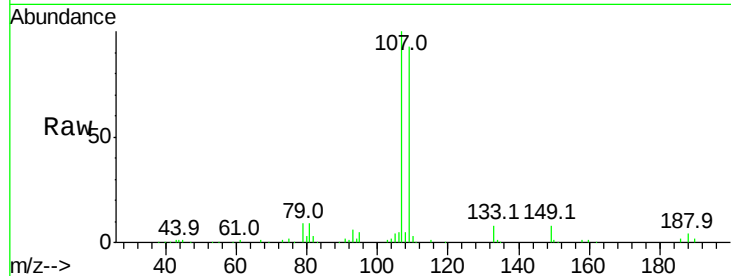




#50
1,2-Dibromoethane
Concen: 4.829 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

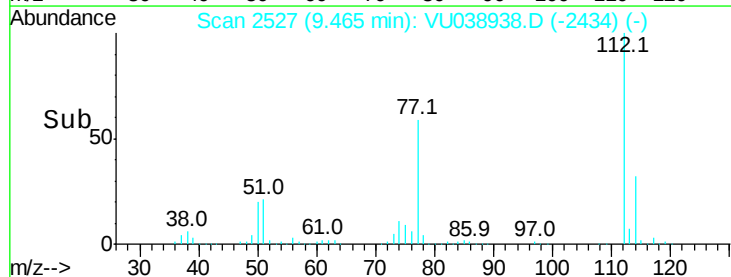
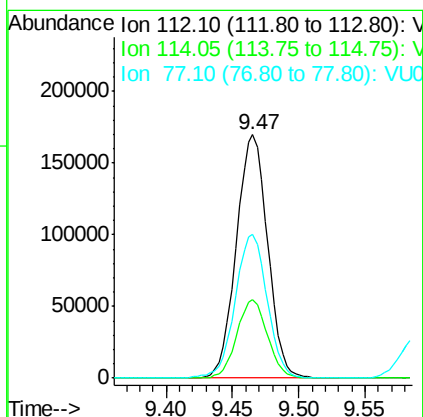
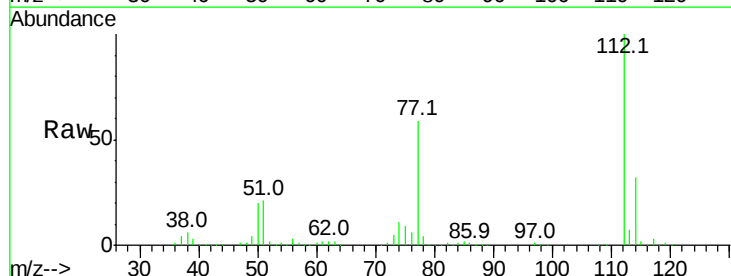
Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

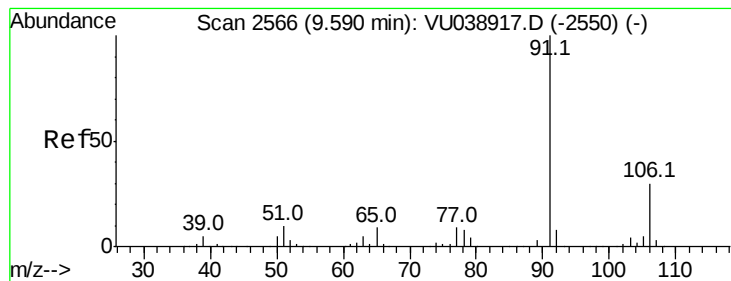
Tgt Ion:107 Resp: 78913
Ion Ratio Lower Upper
107 100
109 92.6 67.5 125.4
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 4.745 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion:112 Resp: 278195
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.4
77 59.0 48.3 72.5





#52

Ethylbenzene

Concen: 4.705 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

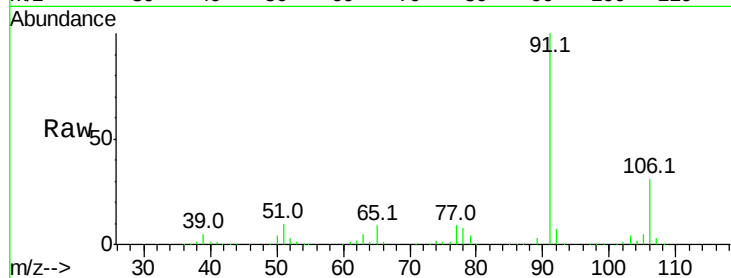
VSTD00506

Tgt Ion: 91 Resp: 471682

Ion Ratio Lower Upper

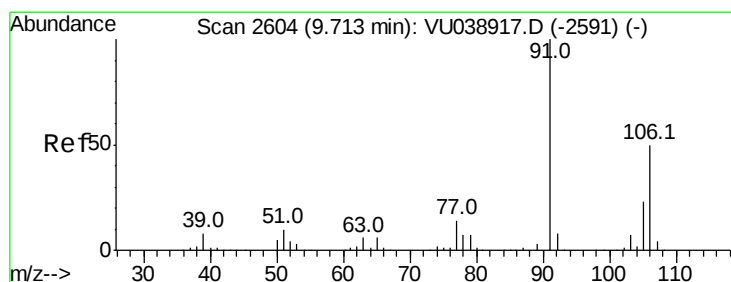
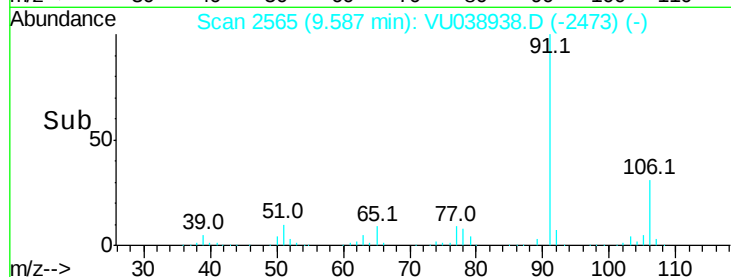
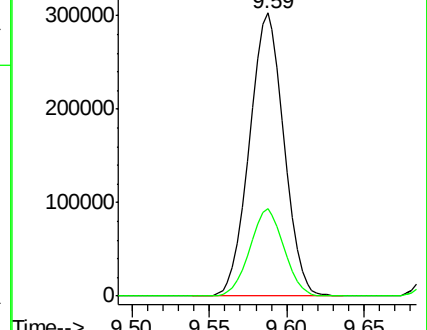
91 100

106 30.7 22.0 40.8



Abundance Ion 91.15 (90.85 to 91.85): VU038917.D (-2550) (-)

Ion 106.15 (105.85 to 106.85): VU038917.D (-2550) (-)



#53

m,p-Xylene

Concen: 4.922 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038938.D

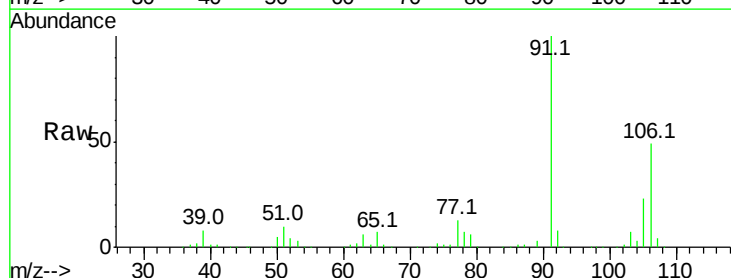
Acq: 17 Jun 2020 11:51

Tgt Ion: 106 Resp: 185417

Ion Ratio Lower Upper

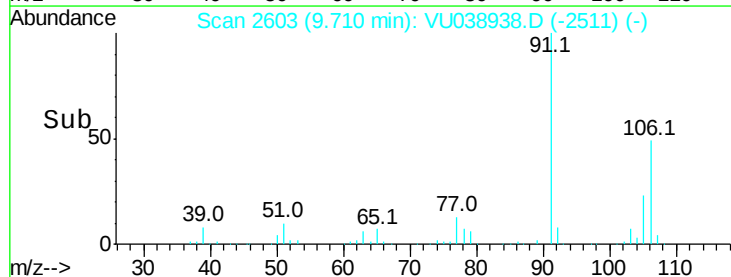
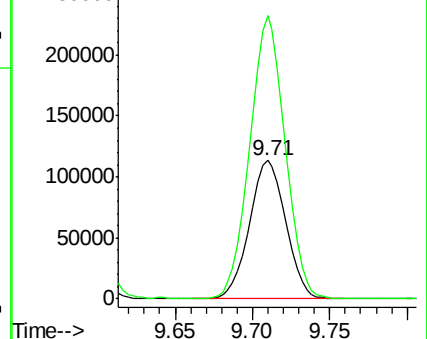
106 100

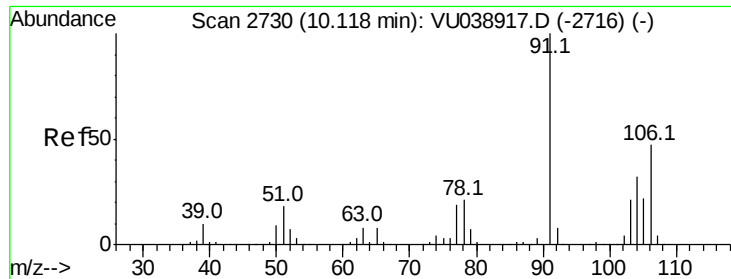
91 204.3 143.1 265.7



Abundance Ion 106.15 (105.85 to 106.85): VU038917.D (-2591) (-)

Ion 91.15 (90.85 to 91.85): VU038917.D (-2591) (-)

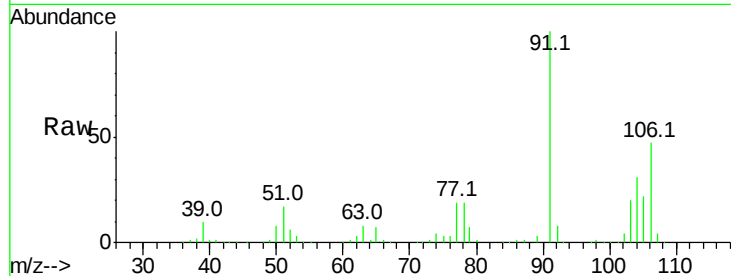




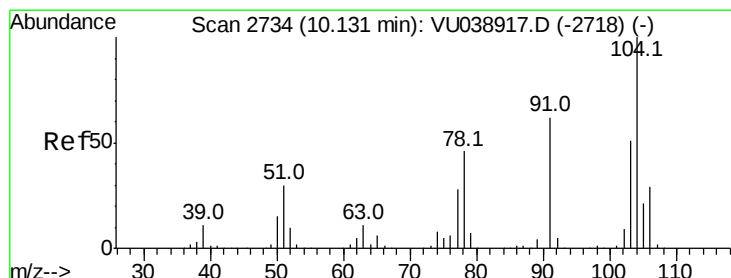
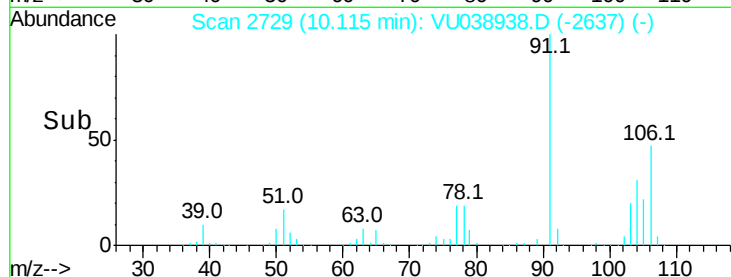
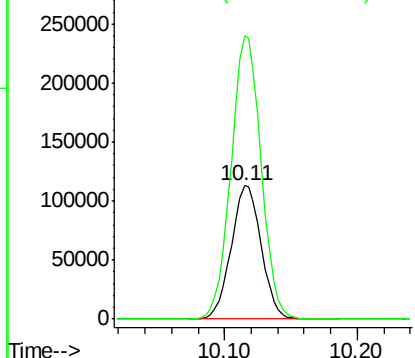
#54
o-Xylene
Concen: 4.903 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:106 Resp: 177676
Ion Ratio Lower Upper
106 100
91 212.0 152.0 282.4

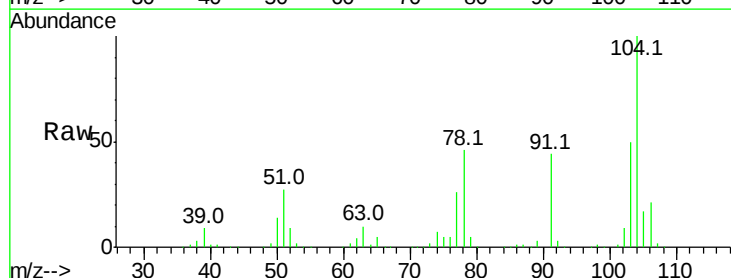


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

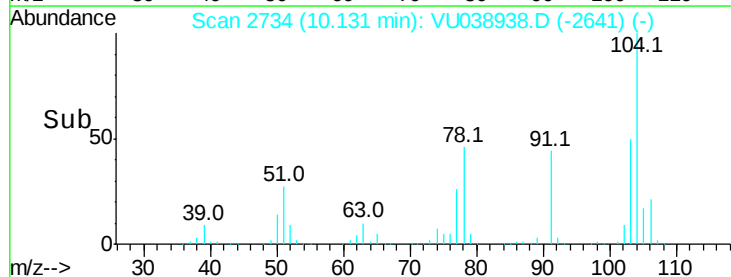
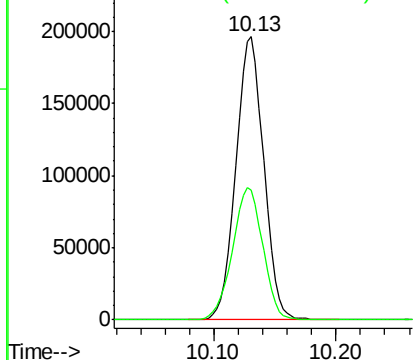


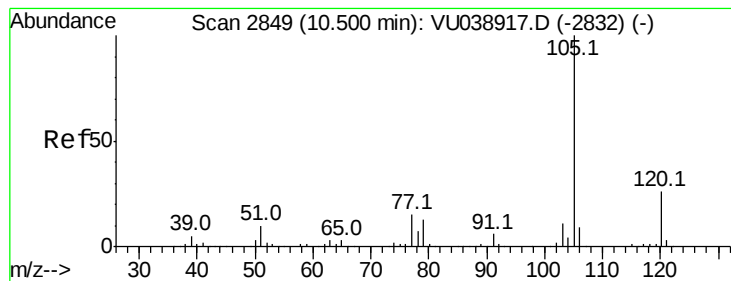
#55
Styrene
Concen: 4.933 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion:104 Resp: 310511
Ion Ratio Lower Upper
104 100
78 45.7 31.8 59.0



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





#56

Isopropylbenzene

Concen: 4.971 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD00506

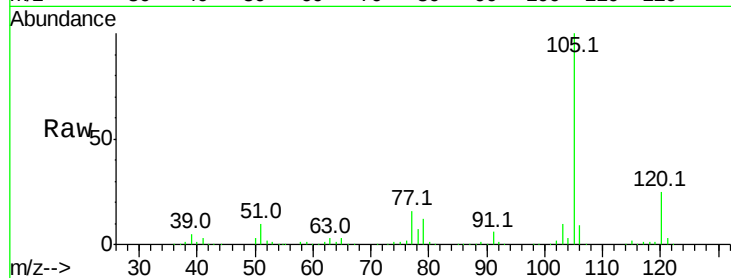
Tgt Ion:105 Resp: 467819

Ion Ratio Lower Upper

105 100

120 25.5 20.6 30.8

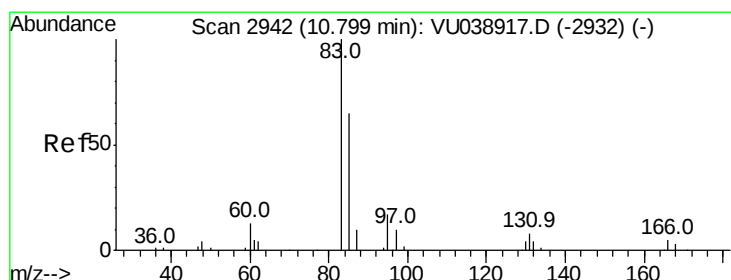
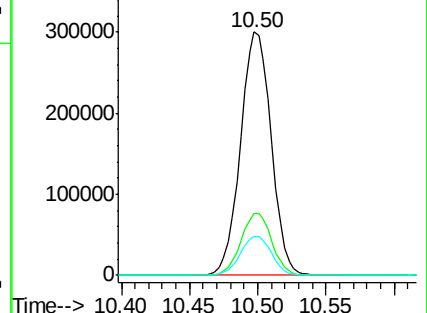
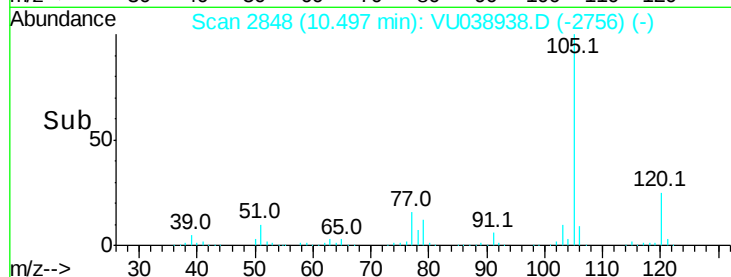
77 16.3 12.6 19.0



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



#58

1,1,2,2-Tetrachloroethane

Concen: 4.987 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. -0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

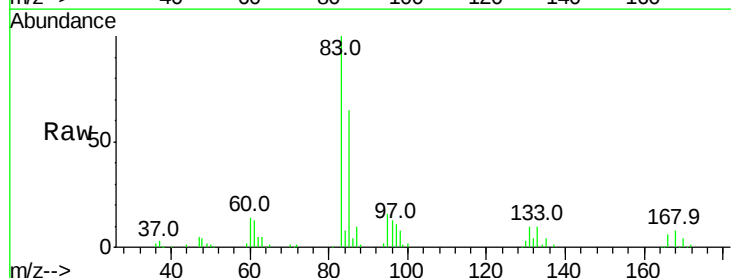
Tgt Ion: 83 Resp: 107799

Ion Ratio Lower Upper

83 100

85 64.9 46.3 85.9

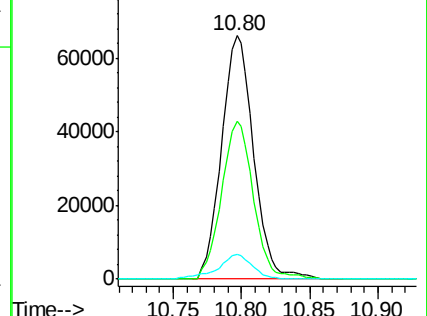
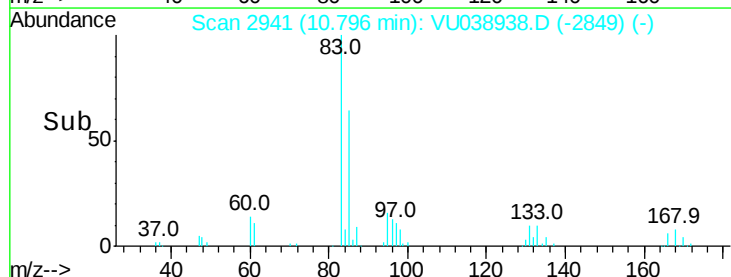
131 10.3 8.3 12.5

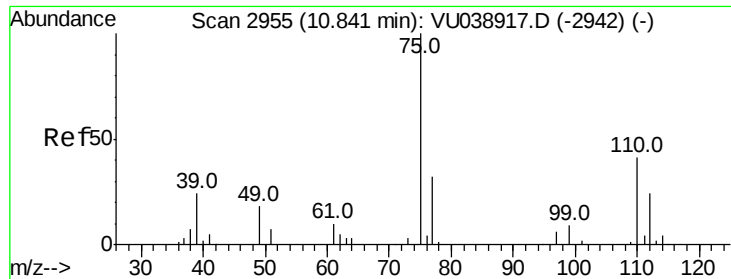


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

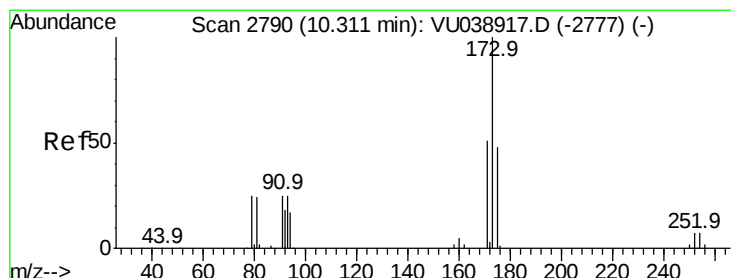
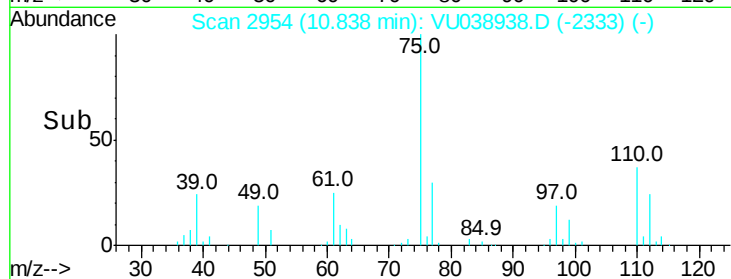
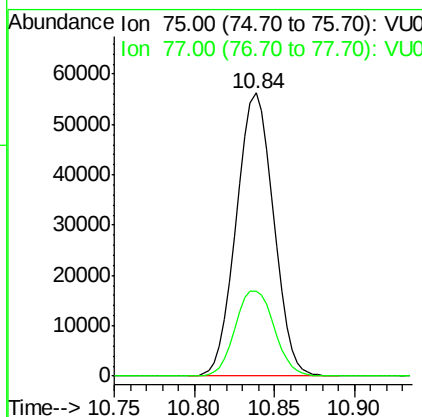
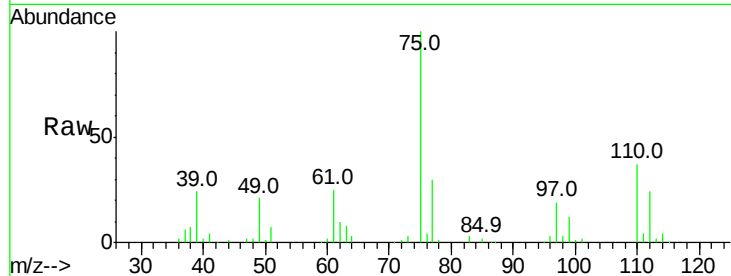




#59
 1,2,3-Trichloropropane
 Concen: 5.242 ug/L
 RT: 10.84 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

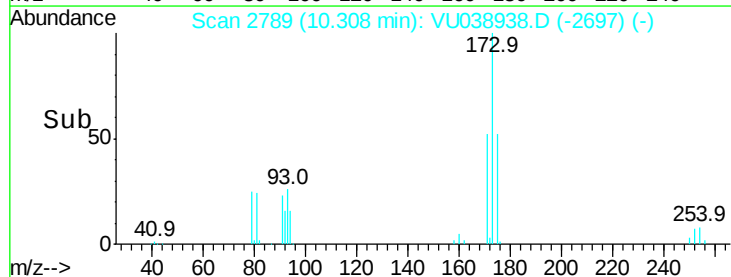
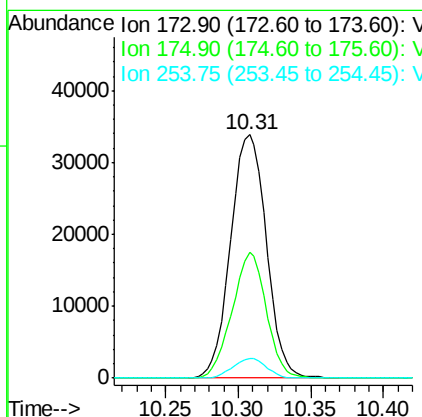
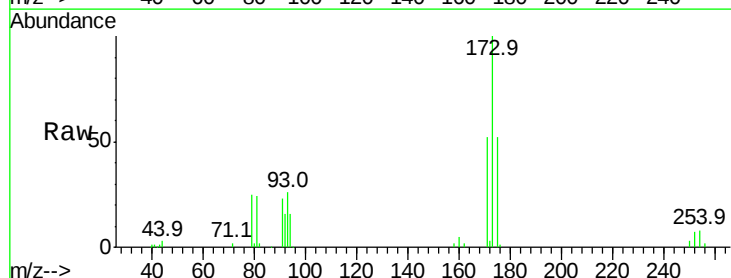
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

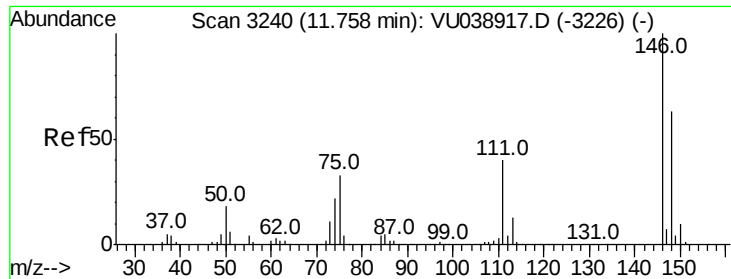
Tgt Ion: 75 Resp: 89100
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.9 38.9



#61
 Bromoform
 Concen: 5.038 ug/L
 RT: 10.31 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion: 173 Resp: 58032
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.0 58.4
 254 7.6 6.0 9.0

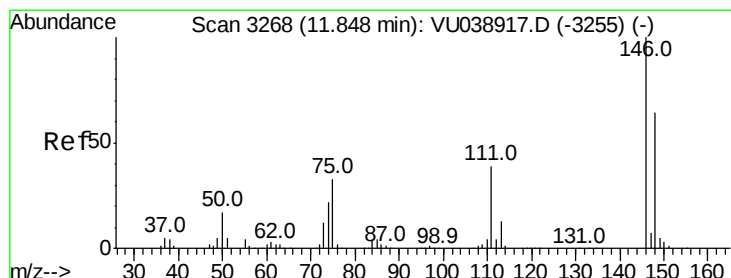
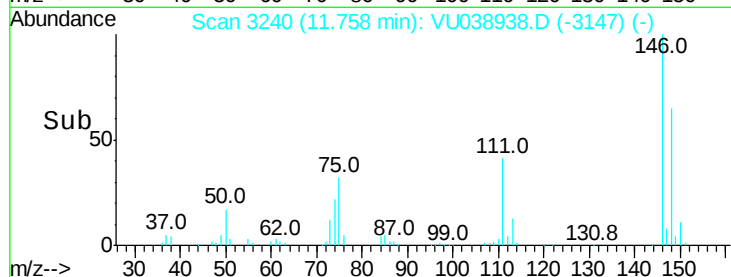
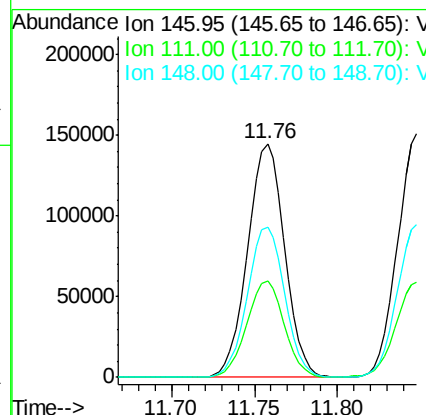
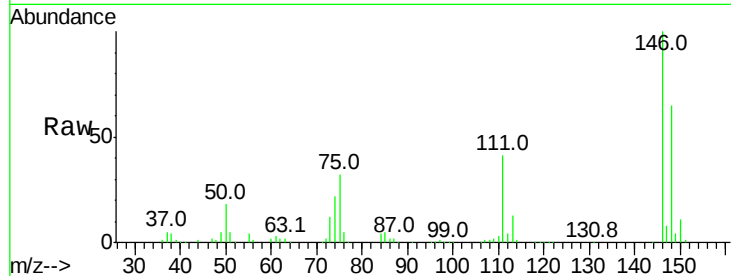




#62
 1,3-Dichlorobenzene
 Concen: 4.729 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

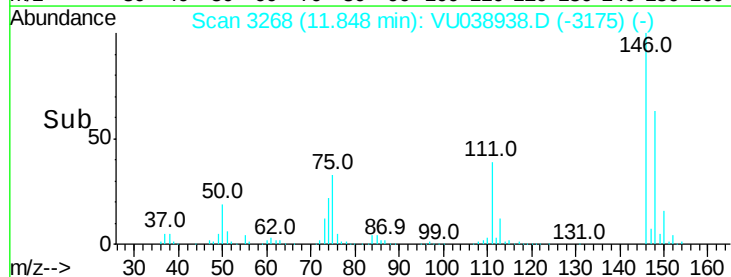
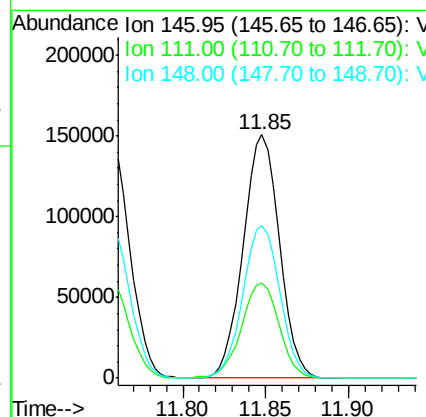
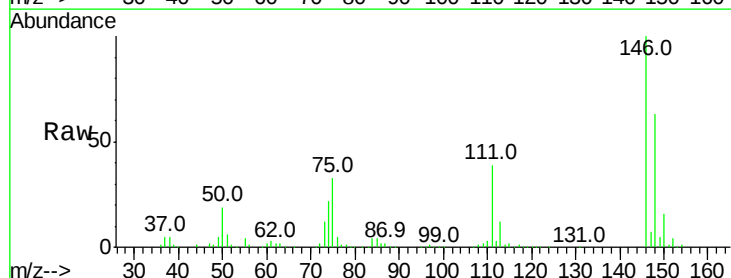
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

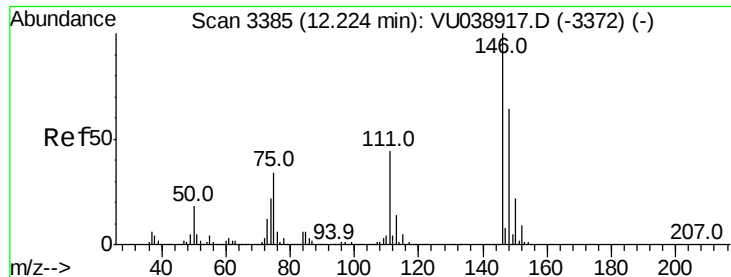
Tgt Ion:146 Resp: 225323
 Ion Ratio Lower Upper
 146 100
 111 41.4 29.0 53.8
 148 64.5 43.7 81.1



#63
 1,4-Dichlorobenzene
 Concen: 4.756 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion:146 Resp: 229550
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.7 51.5
 148 62.8 44.1 81.9

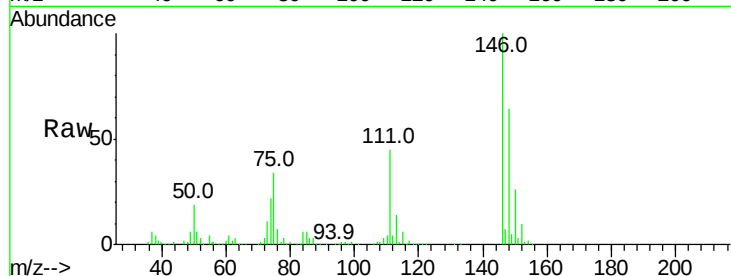




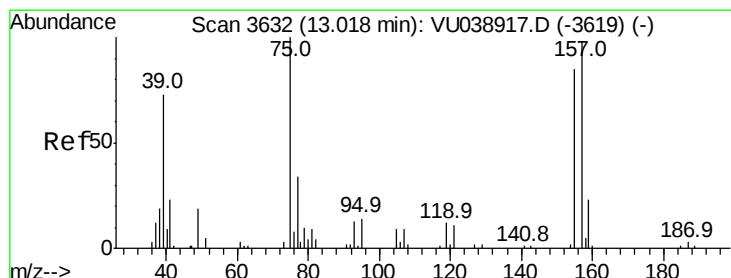
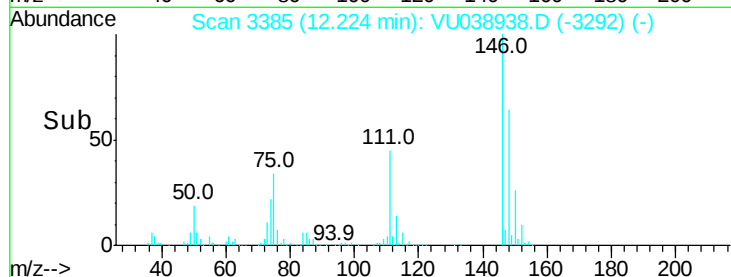
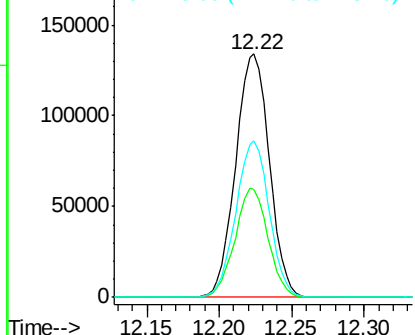
#65
1,2-Dichlorobenzene
Concen: 4.584 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. 0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD00506

Tgt Ion:146 Resp: 217057
Ion Ratio Lower Upper
146 100
111 44.6 35.1 52.7
148 64.5 51.4 77.2

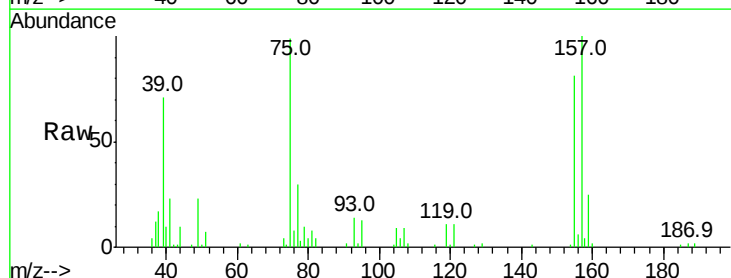


Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

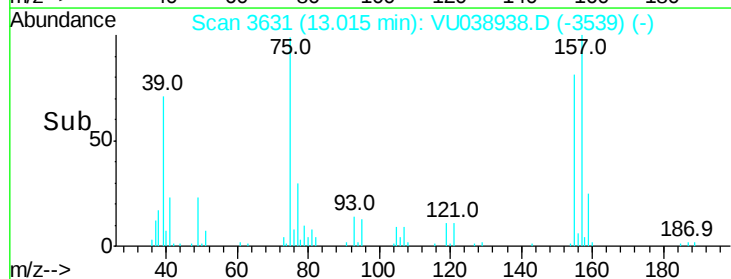
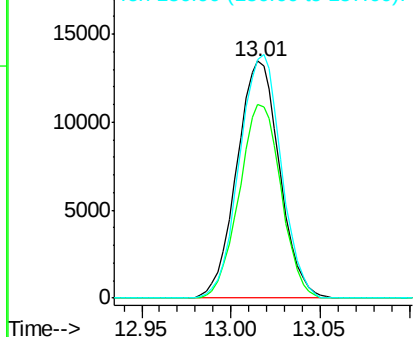


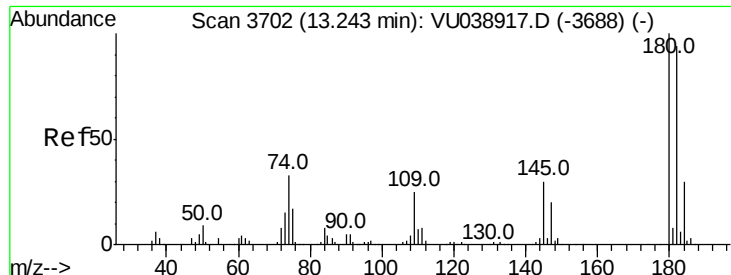
#66
1,2-Dibromo-3-chloropropane
Concen: 5.388 ug/L
RT: 13.01 min Scan# 3631
Delta R.T. -0.00 min
Lab File: VU038938.D
Acq: 17 Jun 2020 11:51

Tgt Ion: 75 Resp: 22589
Ion Ratio Lower Upper
75 100
155 81.8 64.0 96.0
157 100.7 75.4 113.2



Abundance Ion 75.05 (74.75 to 75.75): VUO
Ion 154.95 (154.65 to 155.65): V
Ion 156.90 (156.60 to 157.60): V

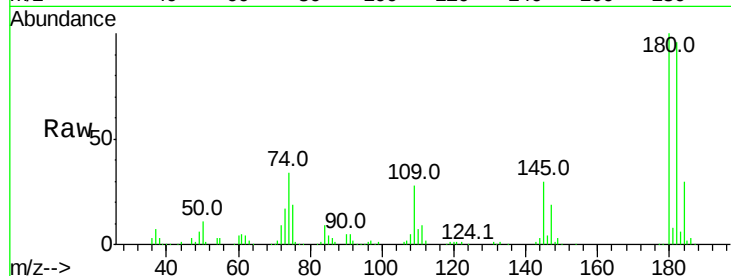




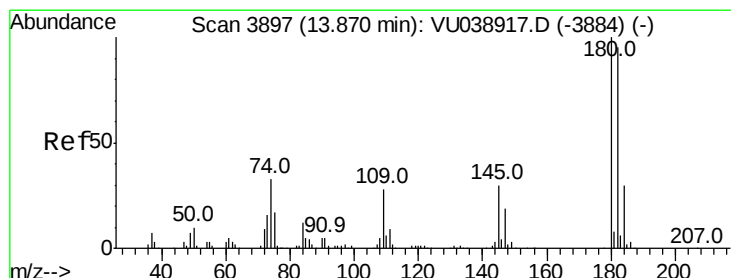
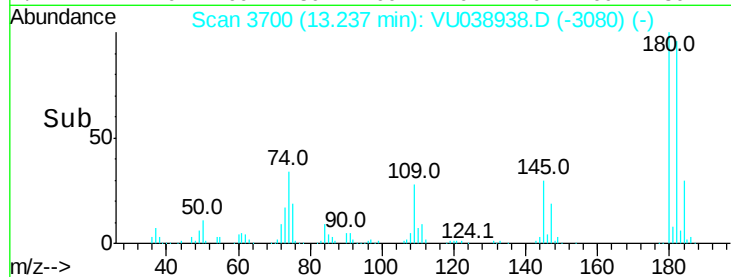
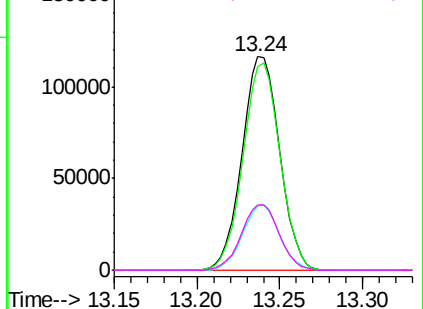
#67
 1,3,5-Trichlorobenzene
 Concen: 5.116 ug/L
 RT: 13.24 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00506

Tgt Ion:180 Resp: 183648
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.8 113.6
 184 30.0 24.6 36.8
 145 30.7 25.0 37.6

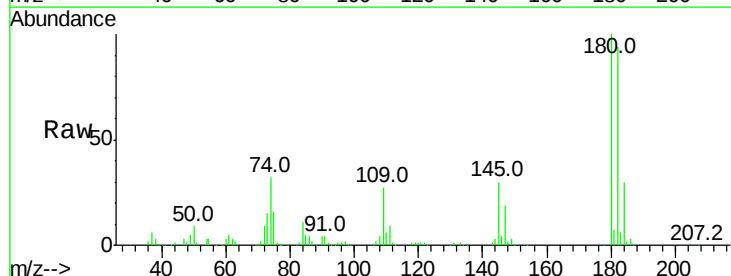


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

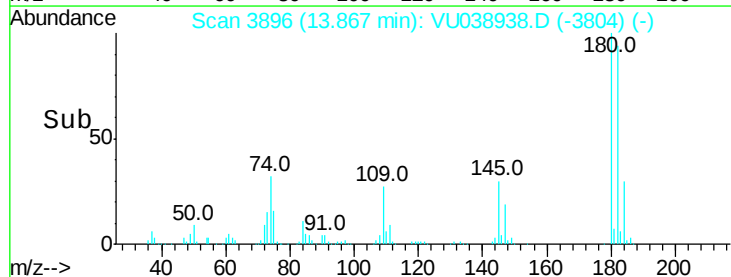
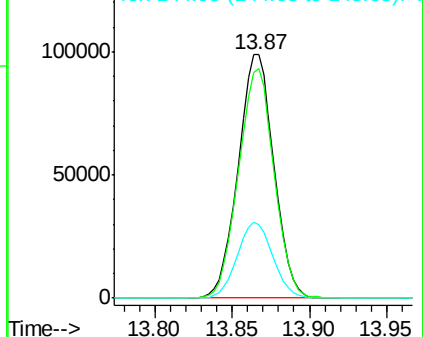


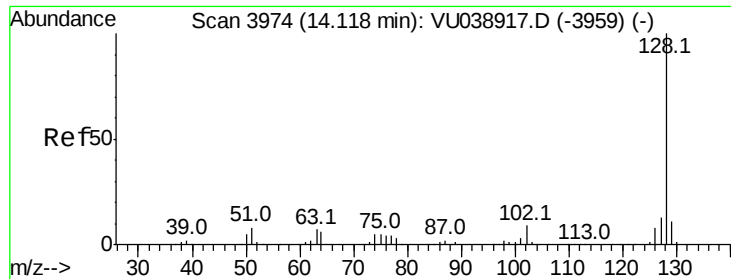
#68
 1,2,4-trichlorobenzene
 Concen: 5.259 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. -0.00 min
 Lab File: VU038938.D
 Acq: 17 Jun 2020 11:51

Tgt Ion:180 Resp: 158140
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.9 113.9
 145 30.9 24.7 37.1



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: 5.416 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD00506

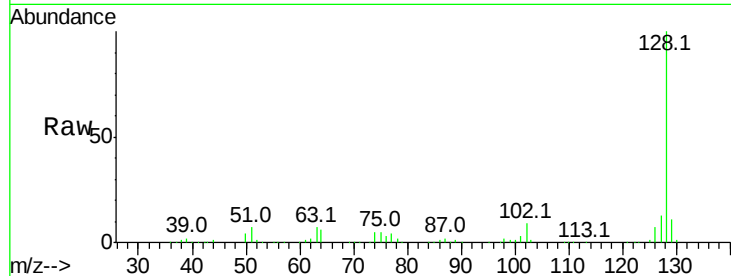
Tgt Ion:128 Resp: 306209

Ion Ratio Lower Upper

128 100

129 10.7 8.2 12.4

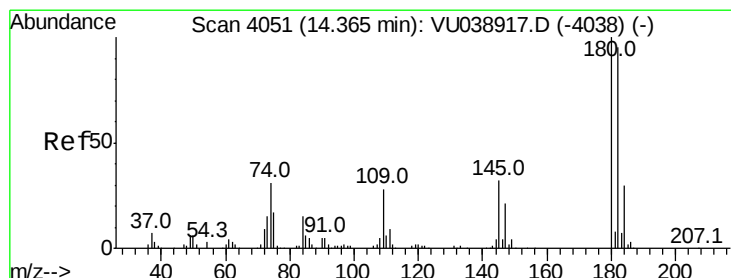
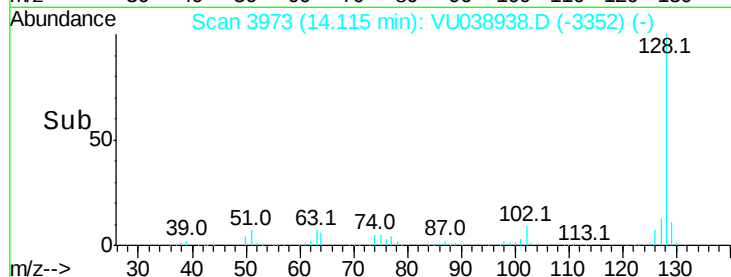
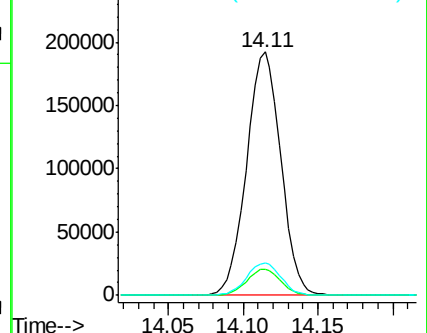
127 13.3 10.1 15.1



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: 5.378 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.01 min

Lab File: VU038938.D

Acq: 17 Jun 2020 11:51

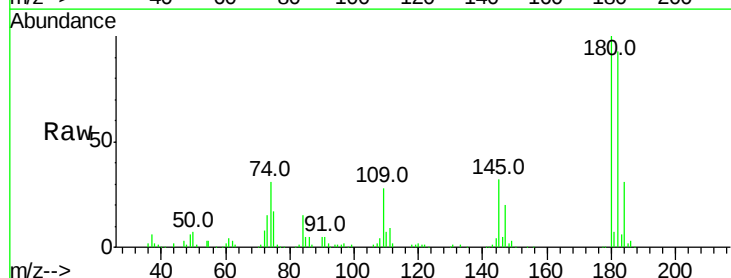
Tgt Ion:180 Resp: 151320

Ion Ratio Lower Upper

180 100

182 94.4 75.1 112.7

145 34.0 26.8 40.2



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

