

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011320\
 Data File : VU036439.D
 Acq On : 13 Jan 2020 15:46
 Operator : JC/MD
 Sample : L1071-06
 Misc : 5.0/5.0 mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2L44

Quant Time: Jan 14 16:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 14 16:20:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	527627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	517620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	251894	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	162417	39.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.00%
7) Chloroethane-d5	1.89	69	106407	30.68	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.36%#
11) 1,1-Dichloroethene-d2	2.55	63	224785	32.09	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.18%
21) 2-Butanone-d5	4.69	46	233309	76.20	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.20%
24) Chloroform-d	5.10	84	329234	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	5.74	65	231657	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
32) Benzene-d6	5.76	84	649145	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
36) 1,2-Dichloropropane-d6	6.73	67	217033	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.82%
41) Toluene-d8	7.93	98	600680	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	8.21	79	117814	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.68	63	237681	95.35	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.35%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	341346	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	12.22	152	233213	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	3321	0.866 ug/L	97
12) 1,1-Dichloroethene	2.56	96	2744	0.899 ug/L #	1
13) Acetone	2.68	43	649180	204.433 ug/L	99
15) Methyl Acetate	2.99	43	9662	2.263 ug/L #	73
16) Methylene chloride	3.06	84	3975	1.064 ug/L	90
17) trans-1,2-Dichloroethene	3.37	96	422328	128.124 ug/L	98
20) cis-1,2-Dichloroethene	4.70	96	3429	0.860 ug/L #	55
25) Chloroform	5.12	83	8780	1.247 ug/L	80
27) 1,2-Dichloroethane	5.81	62	18247	3.353 ug/L #	75
30) 1,1,1-Trichloroethane	5.35	97	1088076	171.510 ug/L	99
33) Benzene	5.81	78	1812470	119.199 ug/L	100
34) Trichloroethene	6.57	95	761301	194.208 ug/L	98
37) 1,2-Dichloropropane	6.83	63	417258	101.340 ug/L	100
38) Bromodichloromethane	7.14	83	427774	73.644 ug/L	98
42) Toluene	8.00	91	2291952	136.885 ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	314843	81.962 ug/L	97
46) Tetrachloroethene	8.58	164	260560	92.381 ug/L	98

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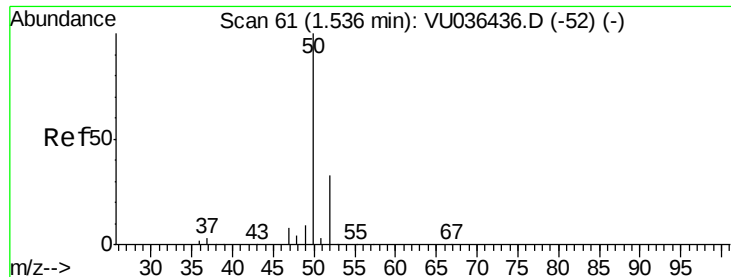
Instrument :
 MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) 2-Hexanone	8.73	43	782234	145.299	ug/L	96
50) 1,2-Dibromoethane	8.96	107	320870	72.026	ug/L	97
51) Chlorobenzene	9.48	112	1174869	111.170	ug/L	98
52) Ethylbenzene	9.60	91	1820906	95.552	ug/L	100
53) m,p-Xylene	9.73	106	900875	127.440	ug/L	97
54) o-xylene	10.13	106	193013	27.212	ug/L	97
55) Styrene	10.14	104	1231504	102.686	ug/L	96
56) Isopropylbenzene	10.51	105	2354257	127.347	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	625928	76.896	ug/L	95
63) 1,4-Dichlorobenzene	11.86	146	485355	60.109	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	296183	36.316	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.24	75	90753	47.687	ug/L #	3
67) 1,3,5-Trichlorobenzene	13.24	180	437216	80.886	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	364653	89.015	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	263760	61.309	ug/L	98

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



#3

Chloromethane

Concen: 0.866 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.01 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampled :

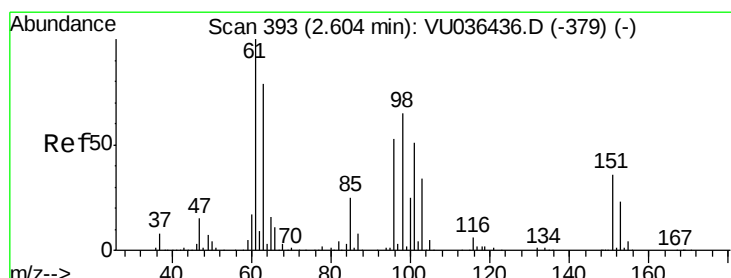
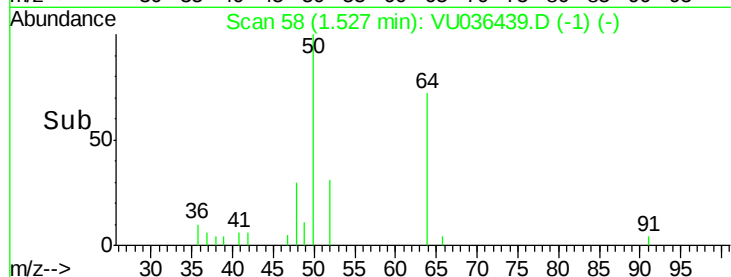
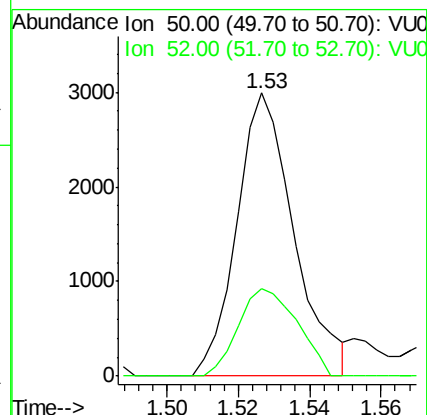
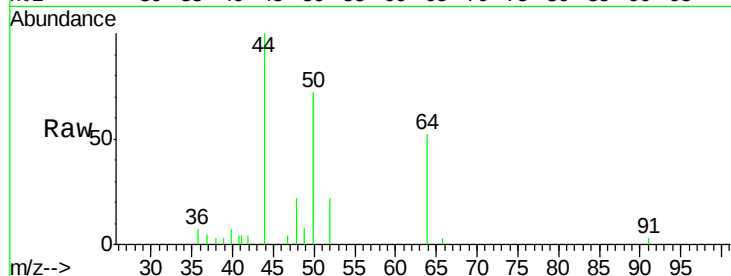
X2L44

Tgt Ion: 50 Resp: 3321

Ion Ratio Lower Upper

50 100

52 31.1 23.0 42.6



#12

1,1-Dichloroethene

Concen: 0.899 ug/L

RT: 2.56 min Scan# 380

Delta R.T. -0.04 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

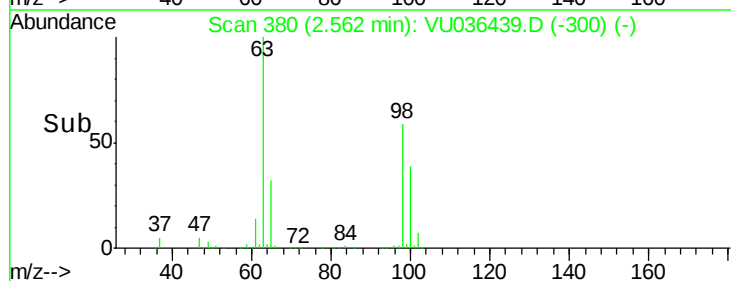
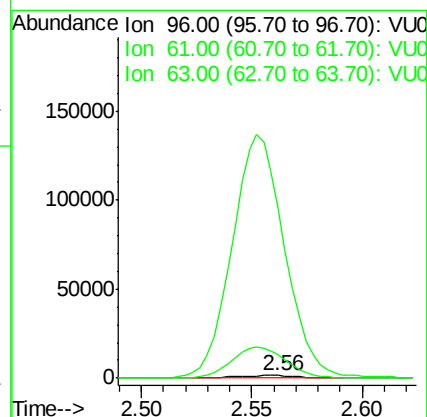
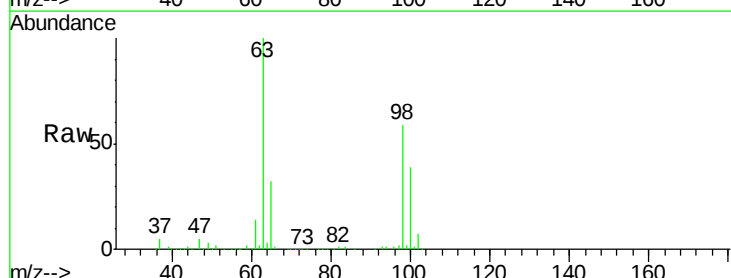
Tgt Ion: 96 Resp: 2744

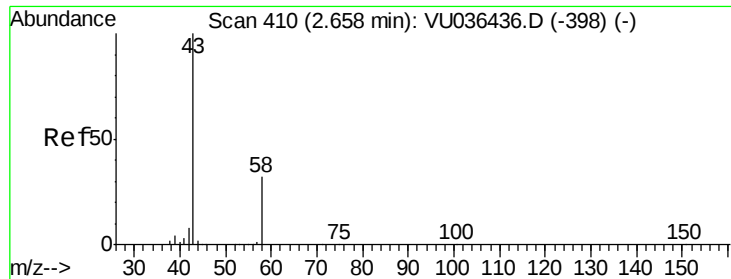
Ion Ratio Lower Upper

96 100

61 938.2 120.9 224.5#

63 6696.8 81.8 152.0#





#13

Acetone

Concen: 204.433 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

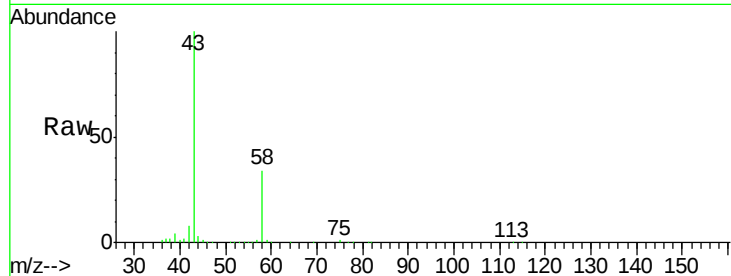
X2L44

Tgt Ion: 43 Resp: 649180

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036439.D (-416) (-)

Ion 58.00 (57.70 to 58.70): VU036439.D (-416) (-)

2.68

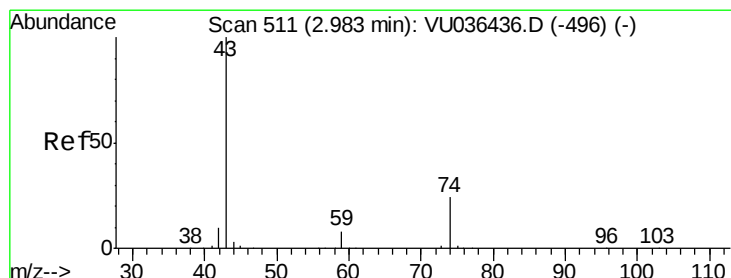
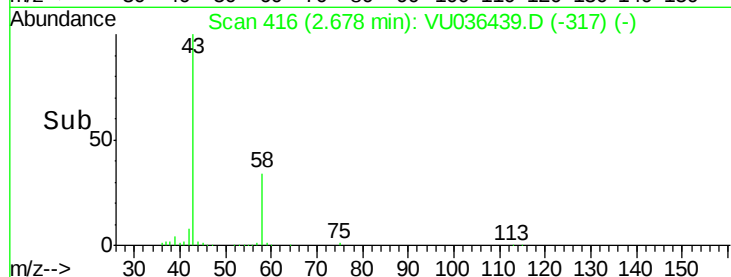
300000

200000

100000

0

Time-->



#15

Methyl Acetate

Concen: 2.263 ug/L

RT: 2.99 min Scan# 513

Delta R.T. 0.01 min

Lab File: VU036439.D

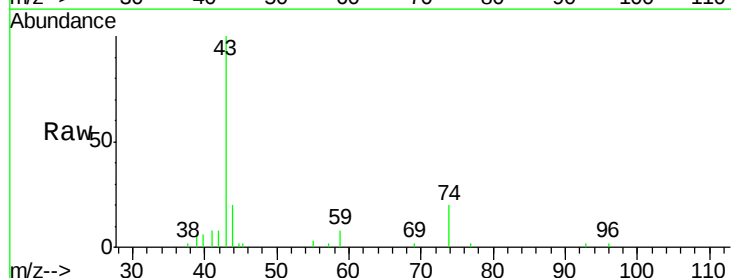
Acq: 13 Jan 2020 15:46

Tgt Ion: 43 Resp: 9662

Ion Ratio Lower Upper

43 100

74 11.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VU036439.D (-513) (-)

Ion 74.00 (73.70 to 74.70): VU036439.D (-513) (-)

2.99

6000

5000

4000

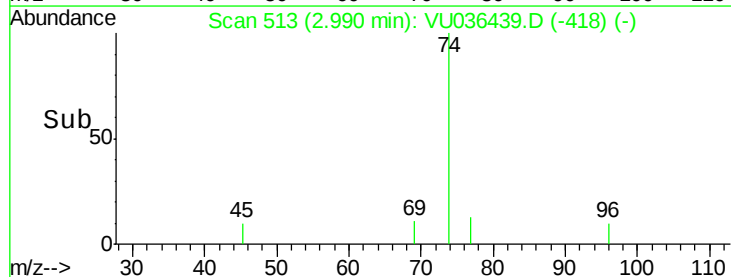
3000

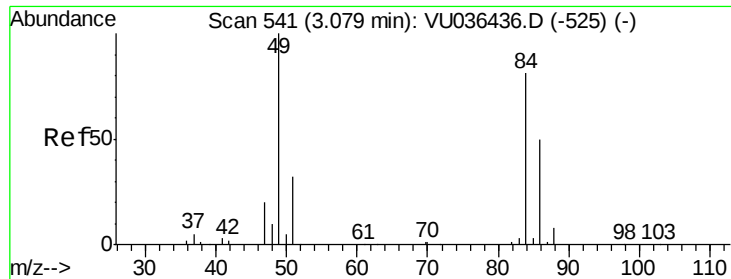
2000

1000

0

Time-->

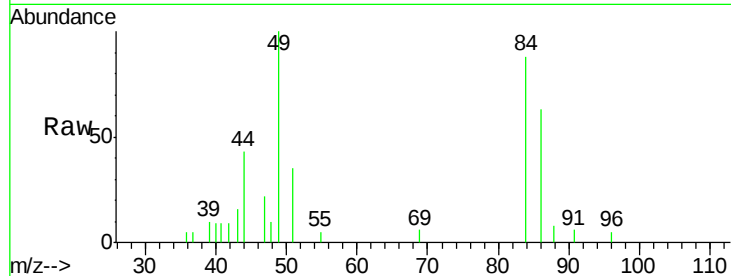




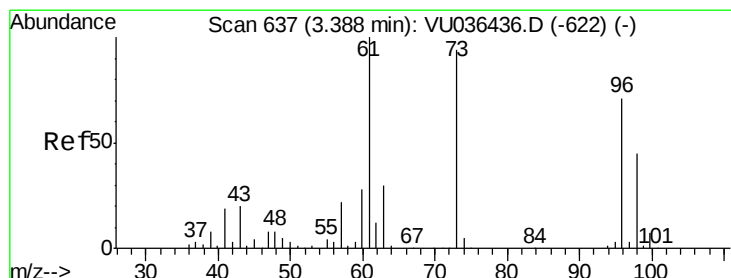
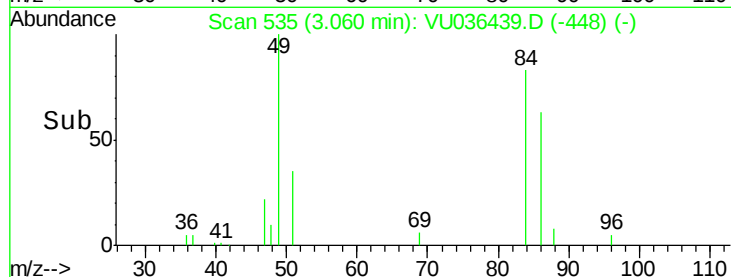
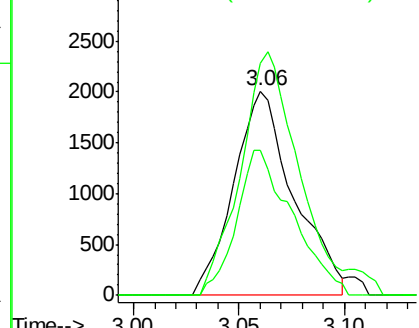
#16
Methylene chloride
Concen: 1.064 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.02 min
Lab File: VU036439.D
Acq: 13 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampled :
X2L44

Tgt Ion: 84 Resp: 3975
Ion Ratio Lower Upper
84 100
86 71.2 44.6 82.8
49 113.8 87.6 162.6

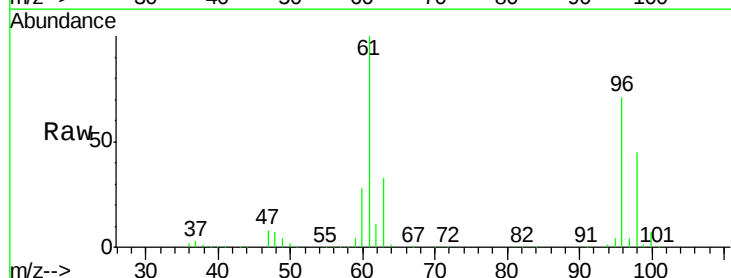


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

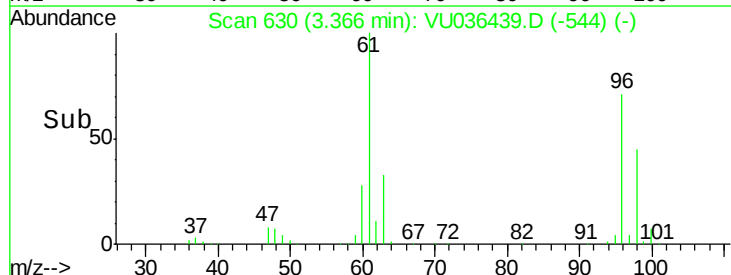
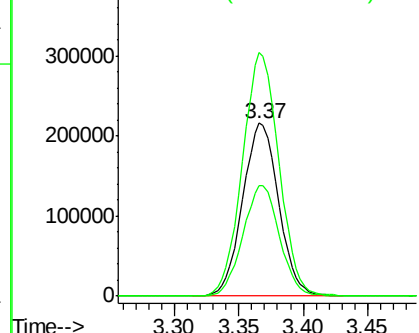


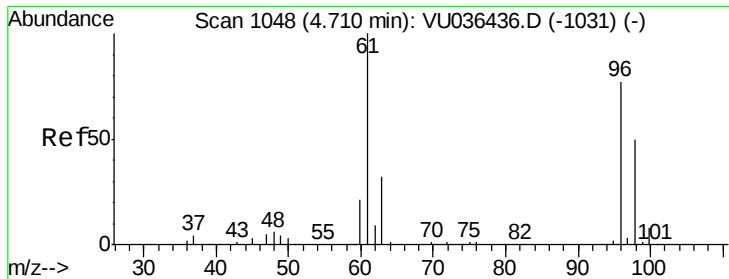
#17
trans-1,2-Dichloroethene
Concen: 128.124 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.02 min
Lab File: VU036439.D
Acq: 13 Jan 2020 15:46

Tgt Ion: 96 Resp: 422328
Ion Ratio Lower Upper
96 100
61 140.8 96.2 178.8
98 63.8 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 0.860 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

X2L44

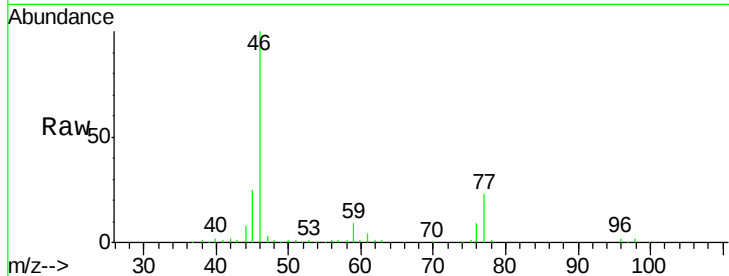
Tgt Ion: 96 Resp: 3429

Ion Ratio Lower Upper

96 100

61 172.3 85.1 158.1#

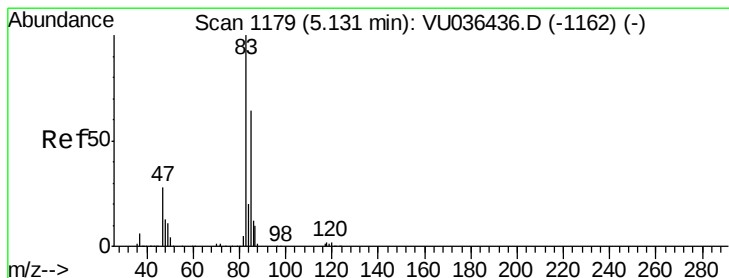
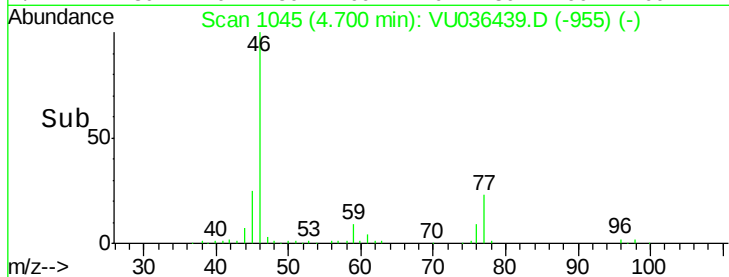
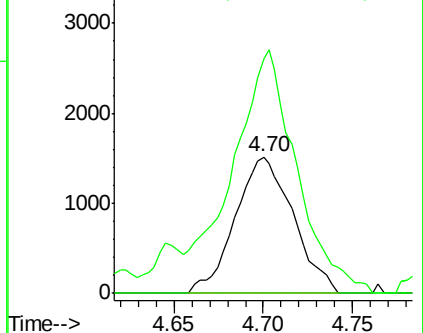
68 0.0 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VU036439.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU036439.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU036439.D (-955) (-)



#25

Chloroform

Concen: 1.247 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.01 min

Lab File: VU036439.D

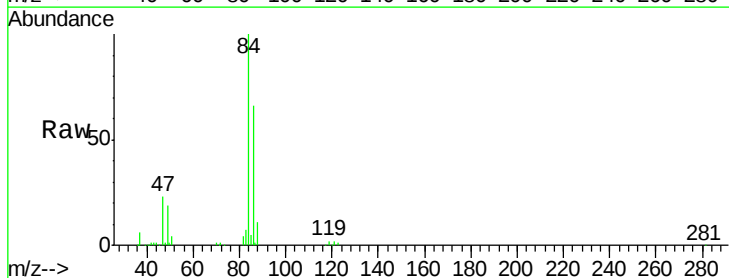
Acq: 13 Jan 2020 15:46

Tgt Ion: 83 Resp: 8780

Ion Ratio Lower Upper

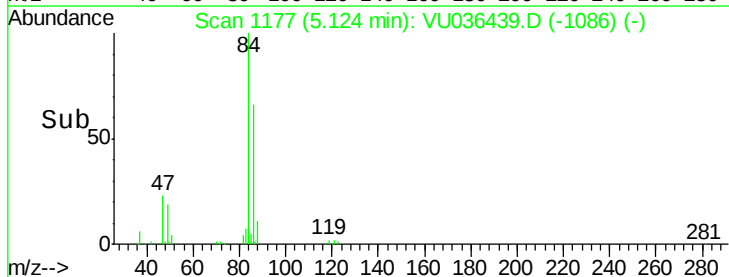
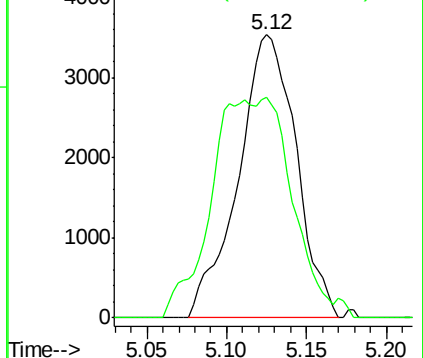
83 100

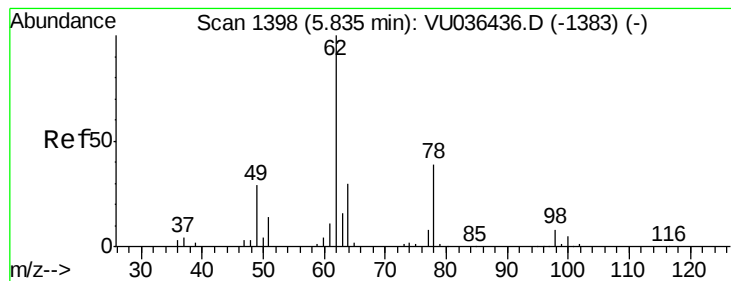
85 77.8 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036439.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036439.D (-1086) (-)





#27

1,2-Dichloroethane

Concen: 3.353 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.03 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

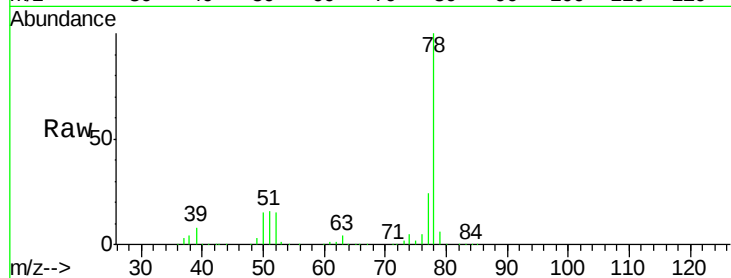
X2L44

Tgt Ion: 62 Resp: 18247

Ion Ratio Lower Upper

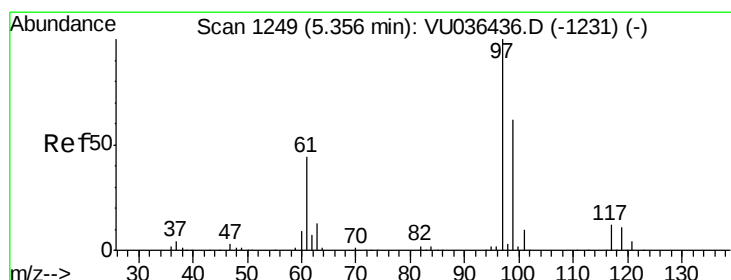
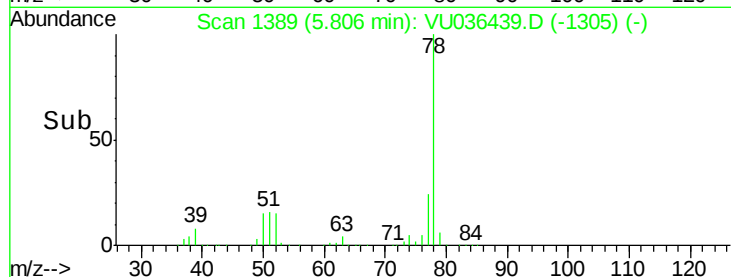
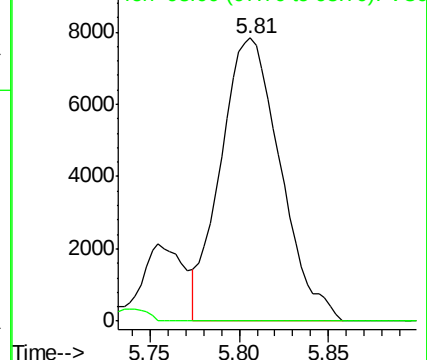
62 100

98 0.0 7.3 10.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#30

1,1,1-Trichloroethane

Concen: 171.510 ug/L

RT: 5.35 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

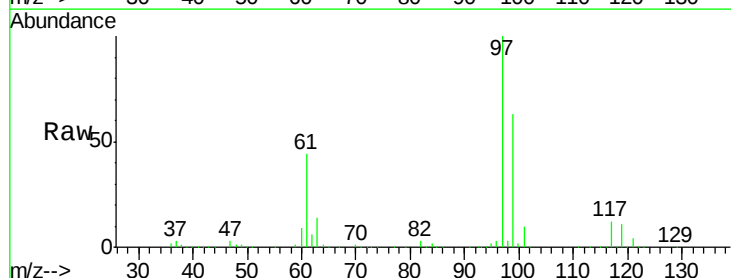
Tgt Ion: 97 Resp: 1088076

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

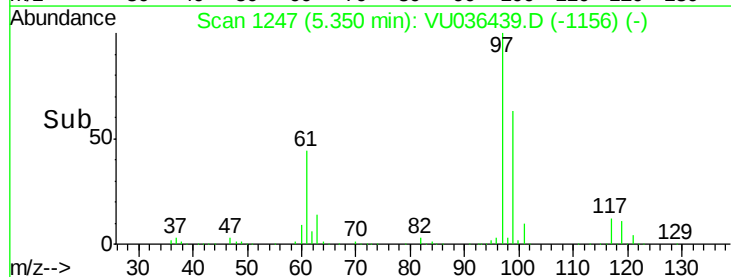
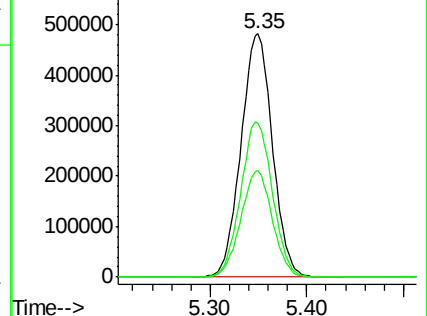
61 43.8 34.7 52.1

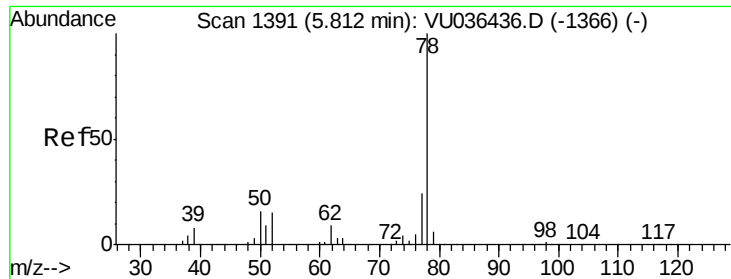


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0





#33

Benzene

Concen: 119.199 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

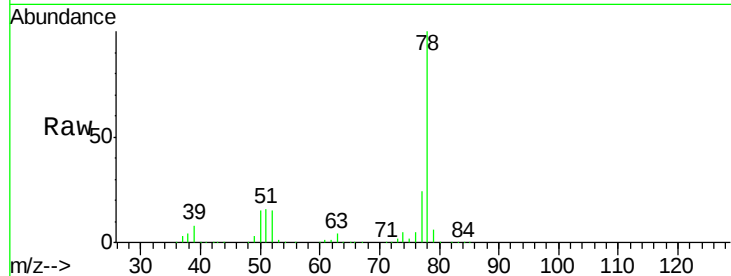
Instrument :

MSVOA_U

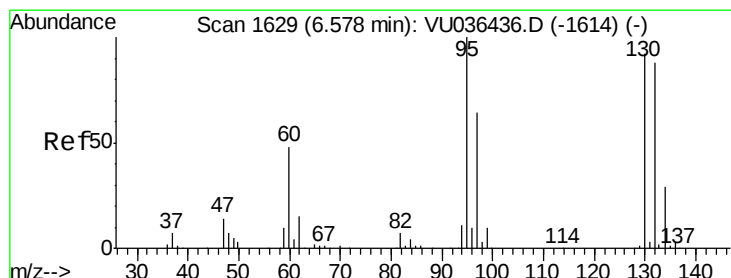
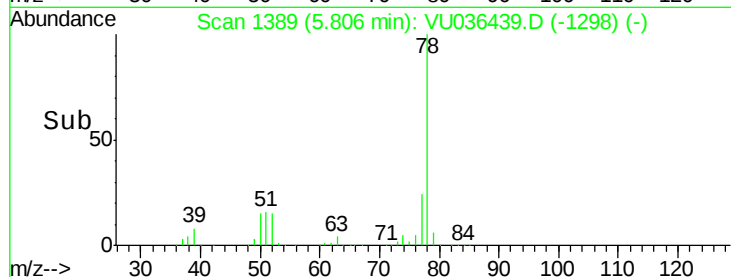
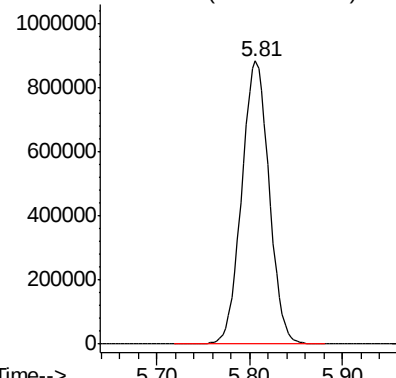
ClientSampleId :

X2L44

Tgt Ion: 78 Resp: 1812470



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 194.208 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Tgt Ion: 95 Resp: 761301

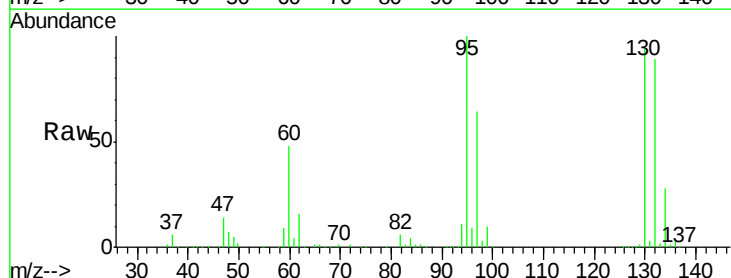
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.5	82.7
132	88.5	64.5	119.9
130	93.8	66.6	123.8

95 100

97 64.4 44.5 82.7

132 88.5 64.5 119.9

130 93.8 66.6 123.8

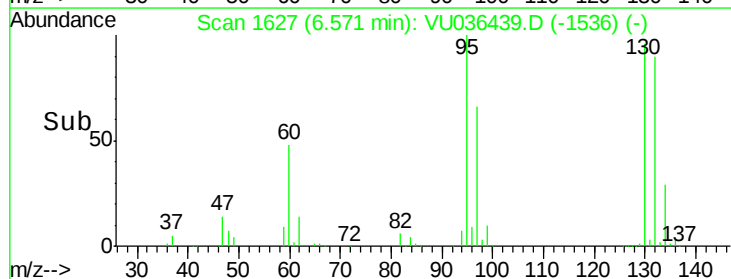
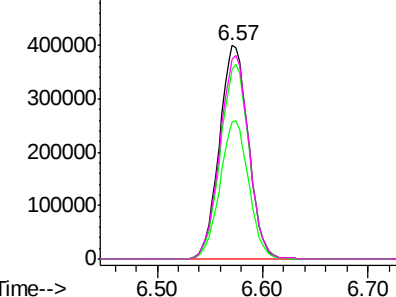


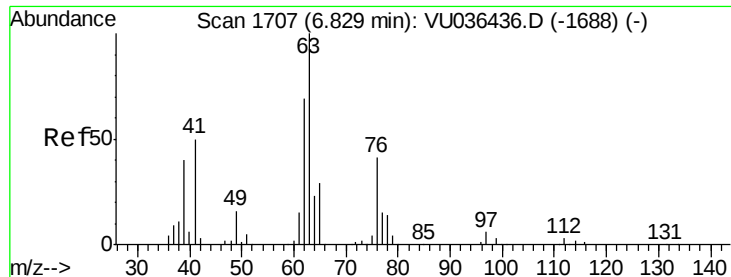
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#37

1,2-Dichloropropane

Concen: 101.340 ug/L

RT: 6.83 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

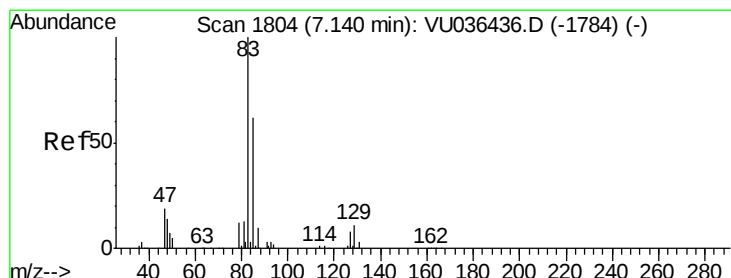
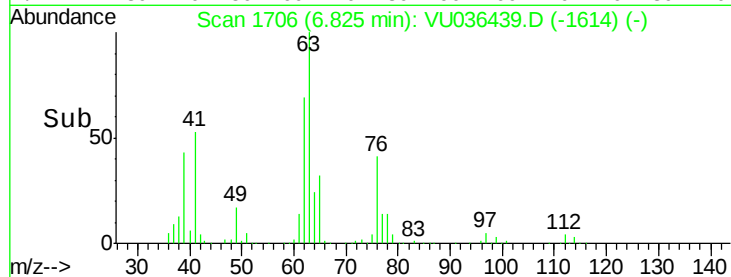
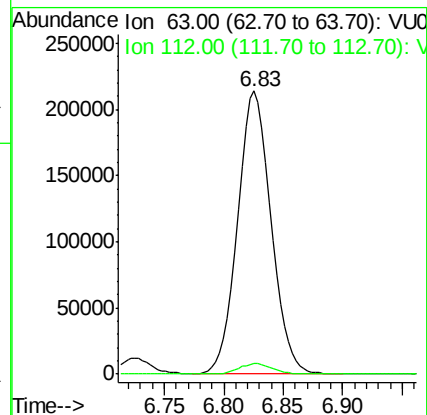
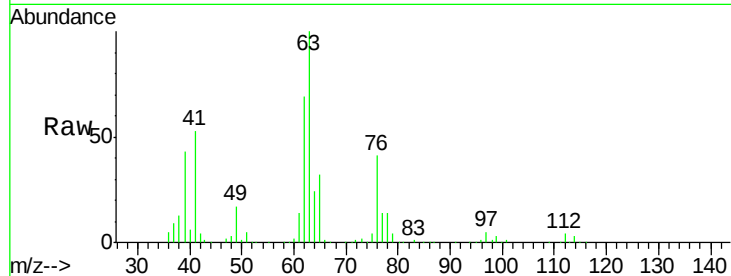
X2L44

Tgt Ion: 63 Resp: 417258

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 73.644 ug/L

RT: 7.14 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

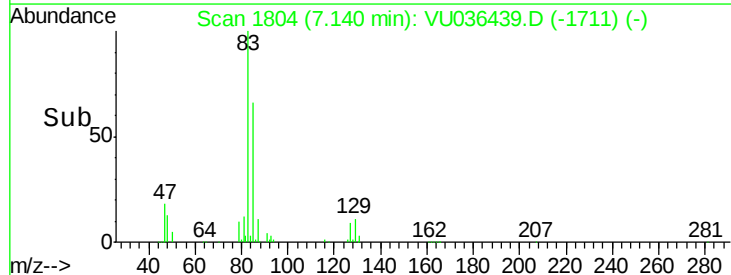
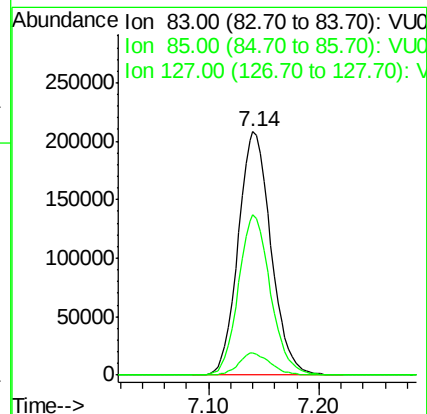
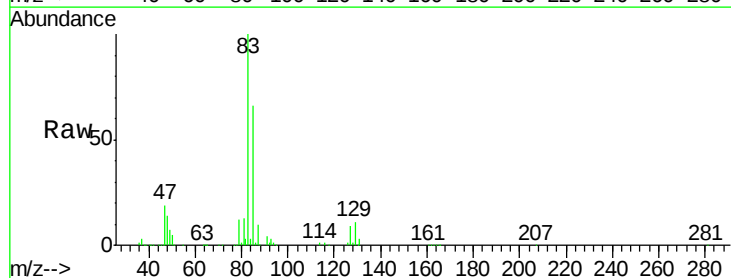
Tgt Ion: 83 Resp: 427774

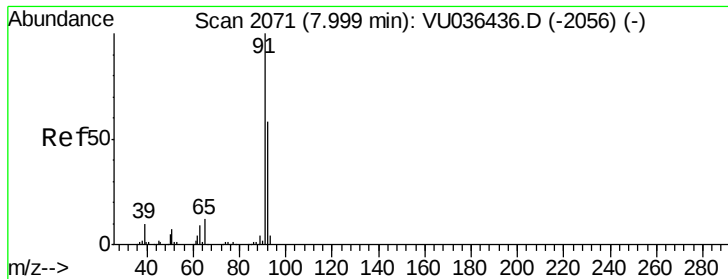
Ion Ratio Lower Upper

83 100

85 66.0 45.3 84.1

127 9.1 6.8 10.2





#42

Toluene

Concen: 136.885 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampled :

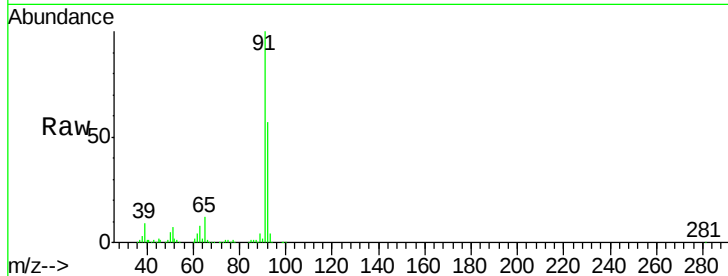
X2L44

Tgt Ion: 91 Resp: 2291952

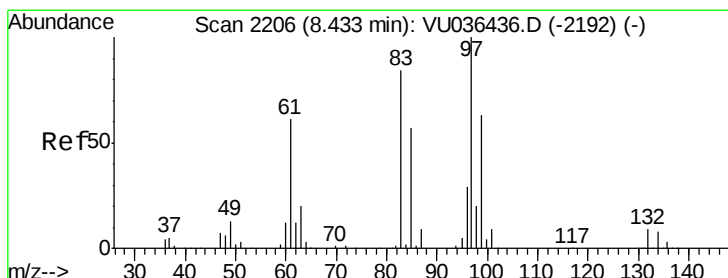
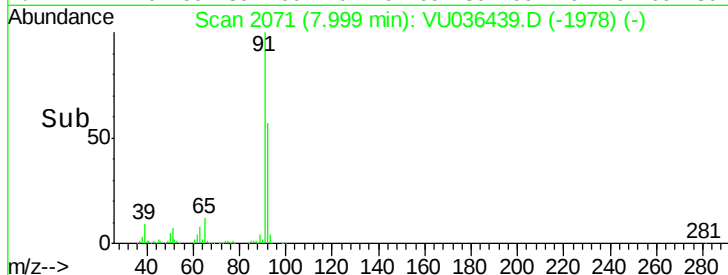
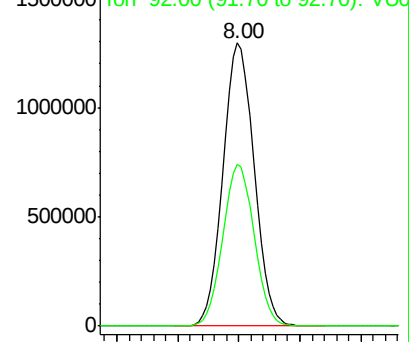
Ion Ratio Lower Upper

91 100

92 57.2 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU036436.D (-2056) (-)



#45

1,1,2-Trichloroethane

Concen: 81.962 ug/L

RT: 8.43 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Tgt Ion: 97 Resp: 314843

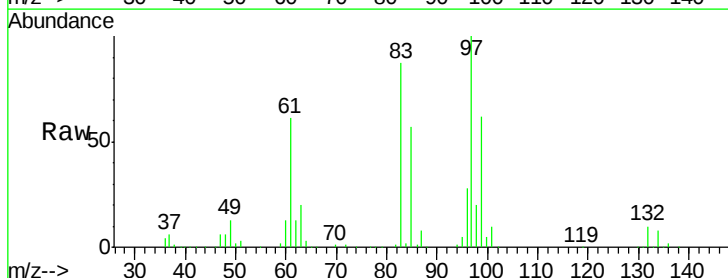
Ion Ratio Lower Upper

97 100

99 62.2 44.2 82.2

83 86.7 62.5 116.1

85 57.3 38.1 70.7

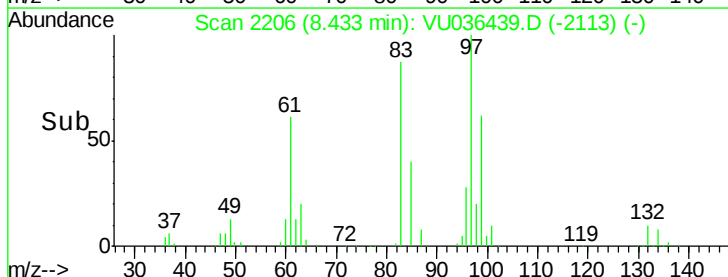
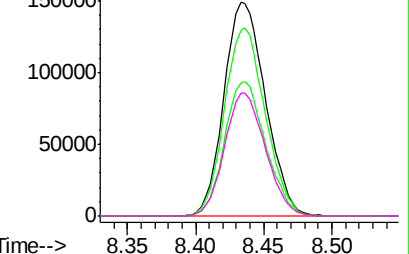


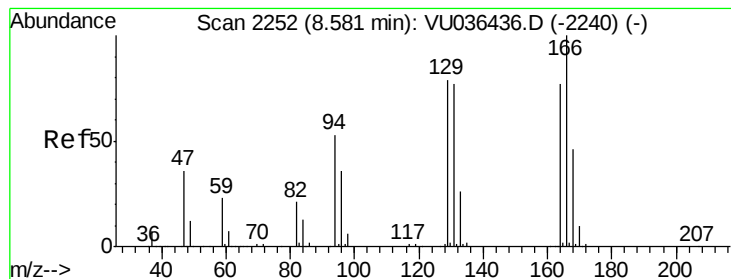
Abundance Ion 97.00 (96.70 to 97.70): VU036436.D (-2192) (-)

Ion 99.00 (98.70 to 99.70): VU036436.D (-2192) (-)

Ion 83.00 (82.70 to 83.70): VU036436.D (-2192) (-)

Ion 85.00 (84.70 to 85.70): VU036436.D (-2192) (-)





#46

Tetrachloroethene

Concen: 92.381 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

X2L44

Tgt Ion:164 Resp: 260560

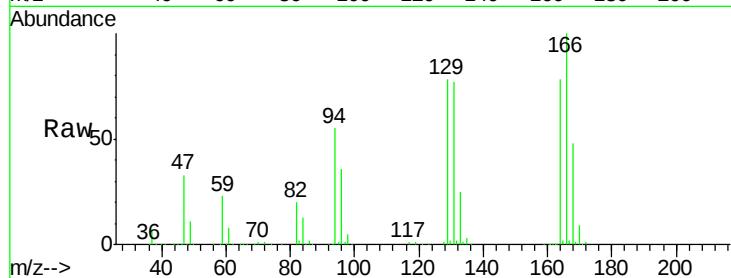
Ion Ratio Lower Upper

164 100

129 100.3 70.0 130.0

131 99.5 70.1 130.1

166 128.8 87.2 161.9

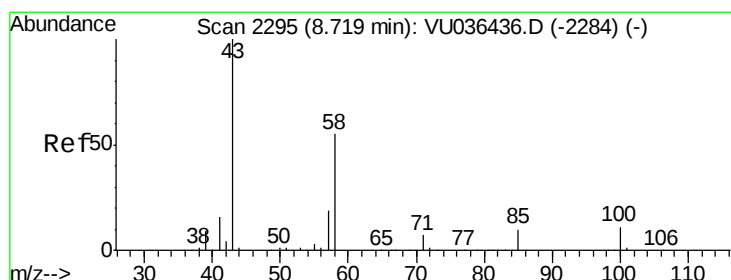
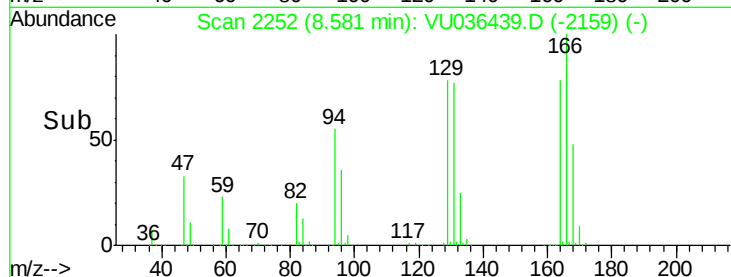
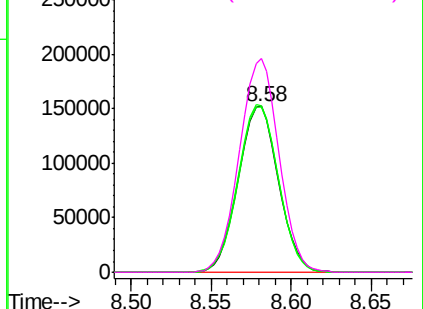


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 145.299 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.01 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Tgt Ion: 43 Resp: 782234

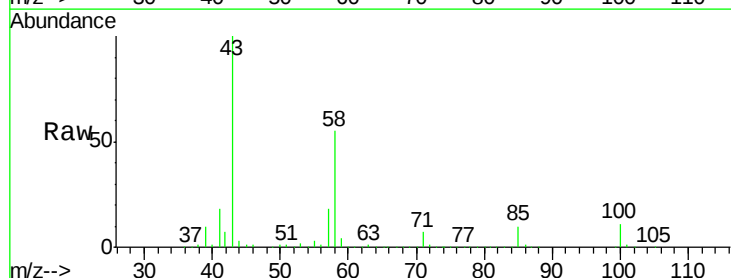
Ion Ratio Lower Upper

43 100

58 56.4 42.2 63.4

57 18.9 14.8 22.2

100 11.4 8.8 13.2

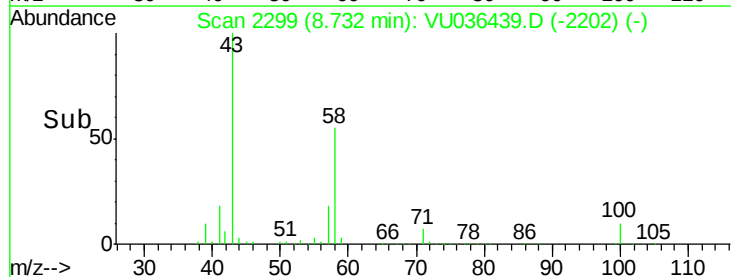
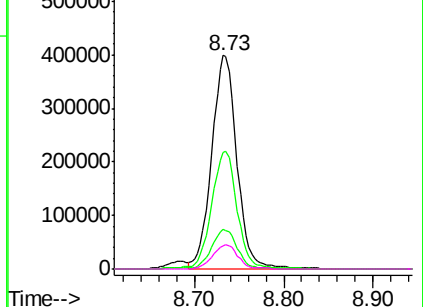


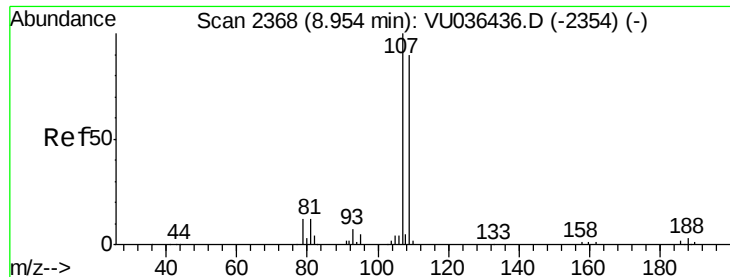
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

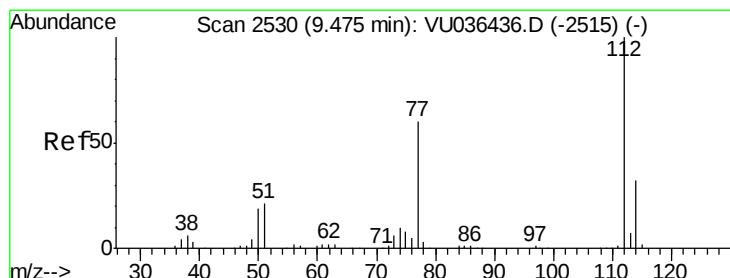
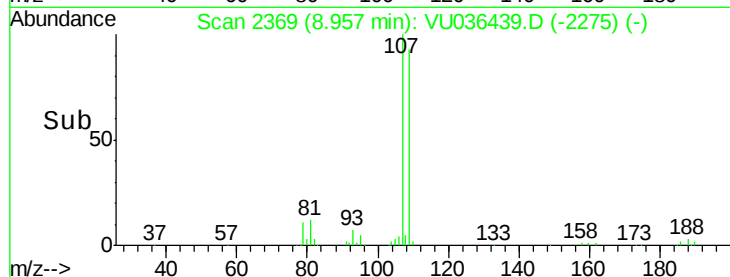
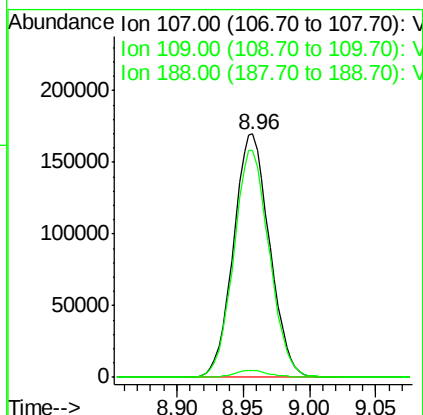
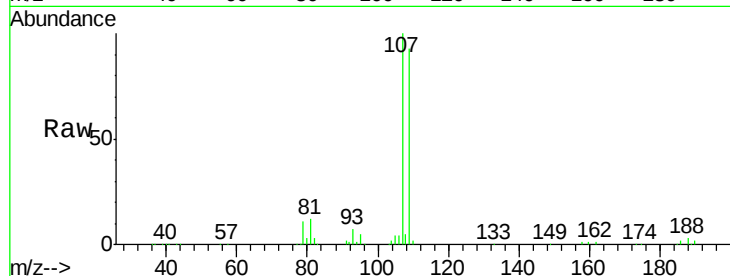




#50
 1,2-Dibromoethane
 Concen: 72.026 ug/L
 RT: 8.96 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: VU036439.D
 Acq: 13 Jan 2020 15:46

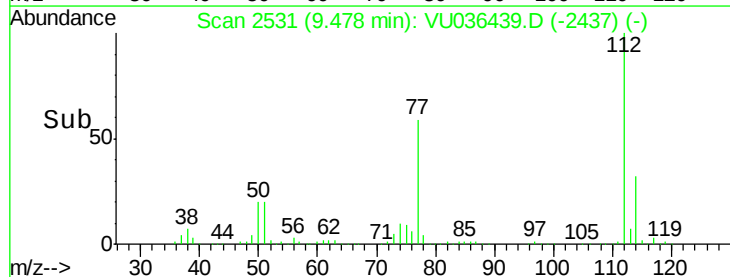
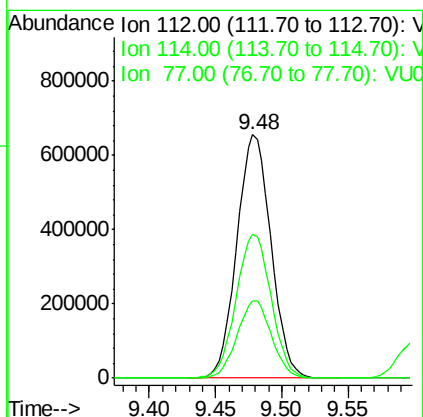
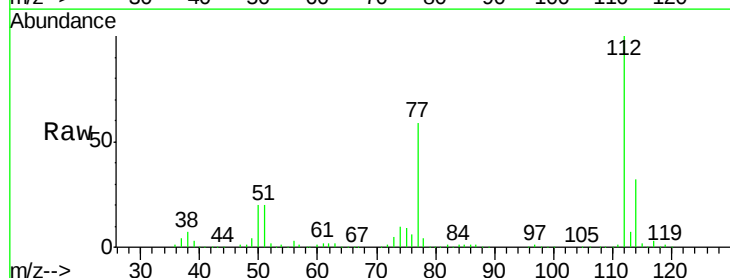
Instrument :
 MSVOA_U
 ClientSampleId :
 X2L44

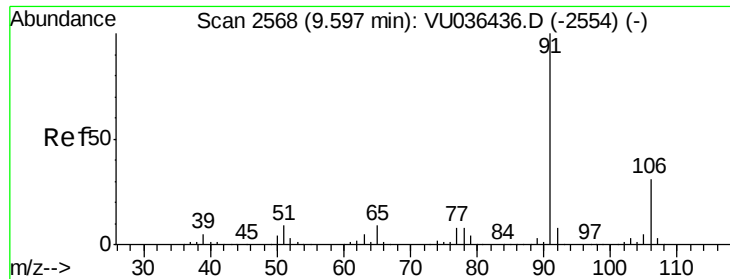
Tgt Ion:107 Resp: 320870
 Ion Ratio Lower Upper
 107 100
 109 93.4 67.3 124.9
 188 2.9 2.6 3.8



#51
 Chlorobenzene
 Concen: 111.170 ug/L
 RT: 9.48 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: VU036439.D
 Acq: 13 Jan 2020 15:46

Tgt Ion:112 Resp: 1174869
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.5 41.7
 77 59.0 48.7 73.1





#52

Ethylbenzene

Concen: 95.552 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

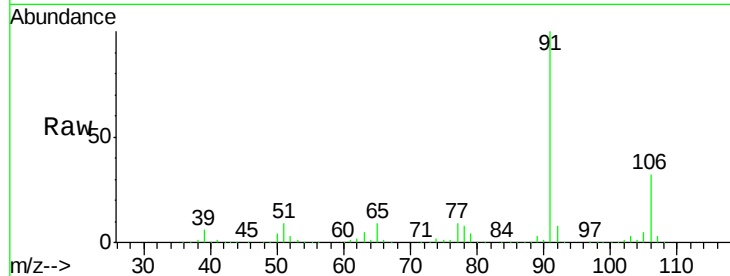
X2L44

Tgt Ion: 91 Resp: 1820906

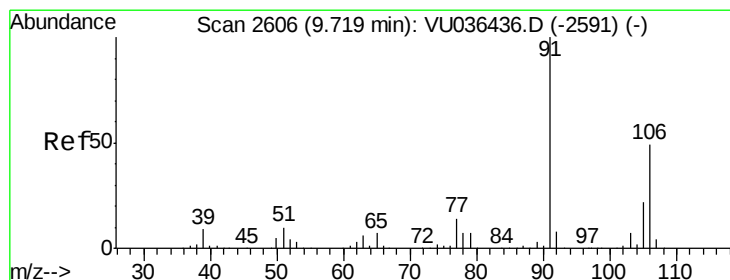
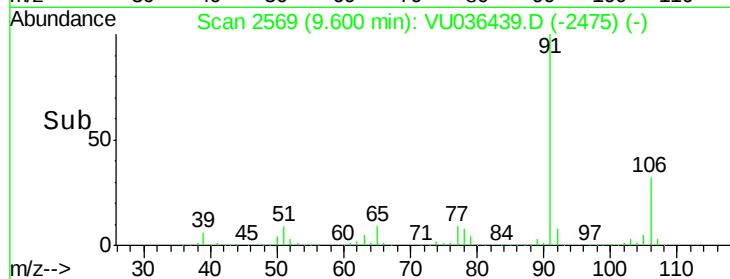
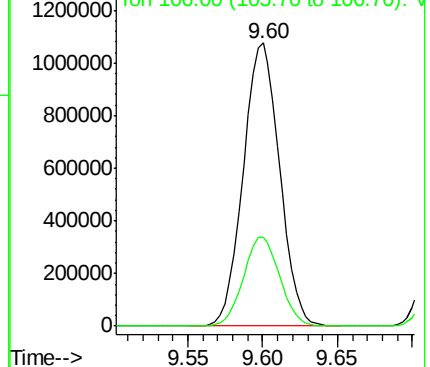
Ion Ratio Lower Upper

91 100

106 31.6 22.0 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU036439.D (-2554) (-)



#53

m,p-Xylene

Concen: 127.440 ug/L

RT: 9.73 min Scan# 2608

Delta R.T. 0.01 min

Lab File: VU036439.D

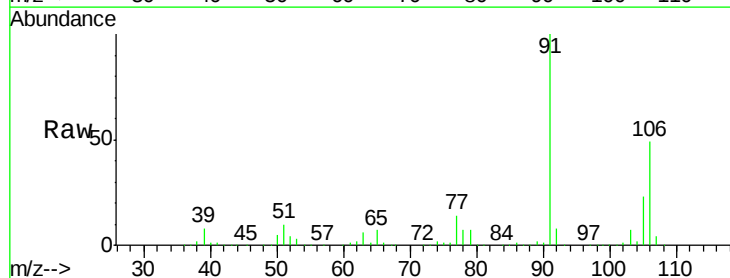
Acq: 13 Jan 2020 15:46

Tgt Ion: 106 Resp: 900875

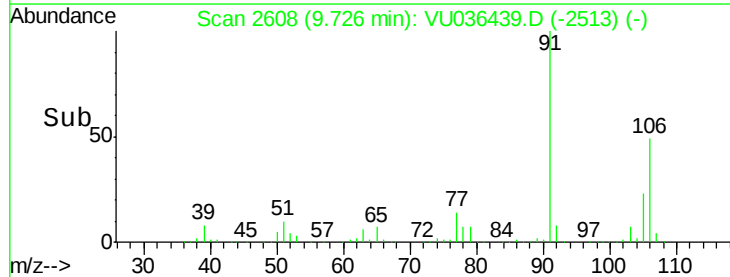
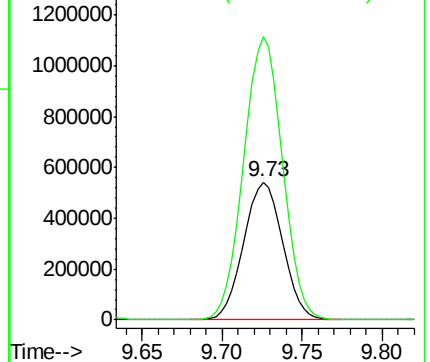
Ion Ratio Lower Upper

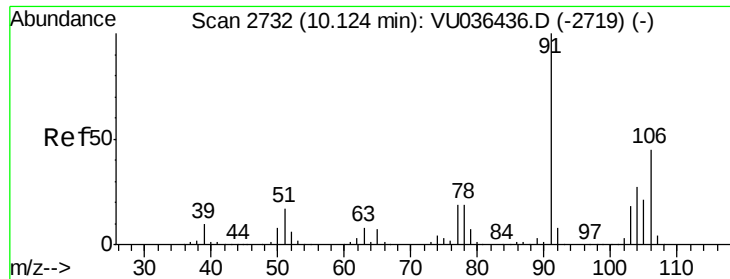
106 100

91 205.7 146.8 272.6



Abundance Ion 106.00 (105.70 to 106.70): VU036439.D (-2591) (-)

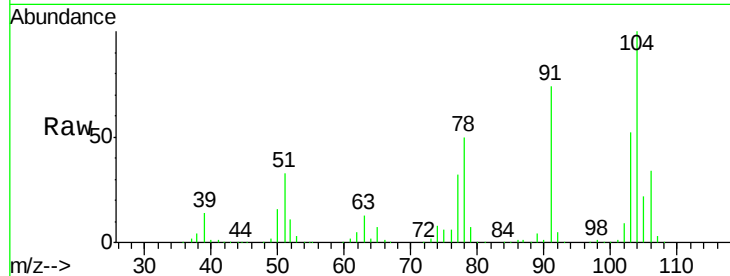




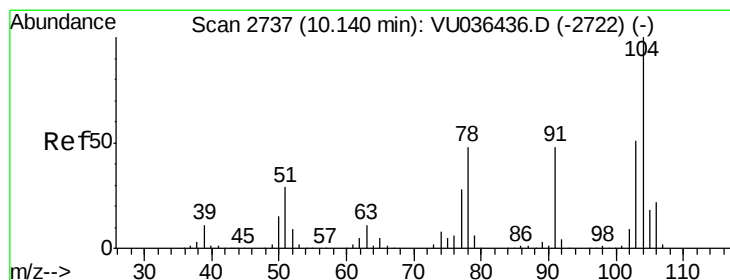
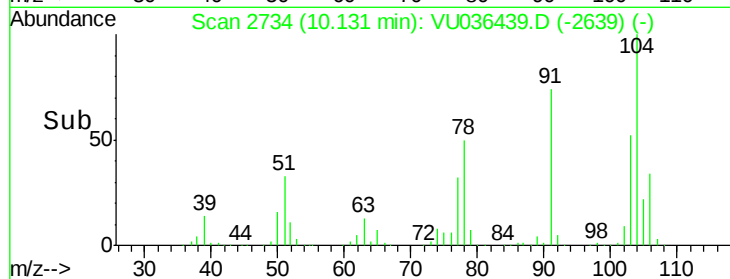
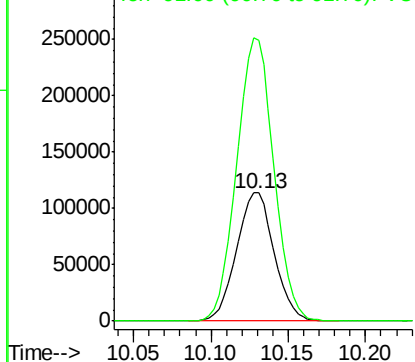
#54
o-xylene
Concen: 27.212 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU036439.D
Acq: 13 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :
X2L44

Tgt Ion:106 Resp: 193013
Ion Ratio Lower Upper
106 100
91 219.3 156.4 290.4

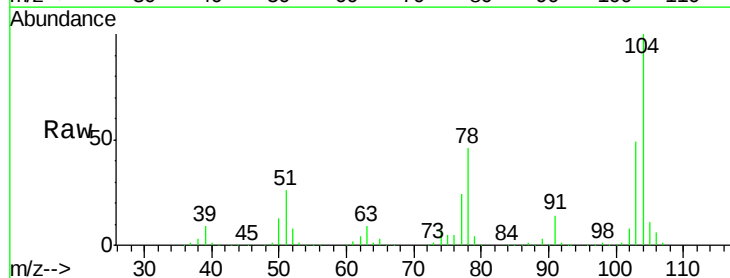


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

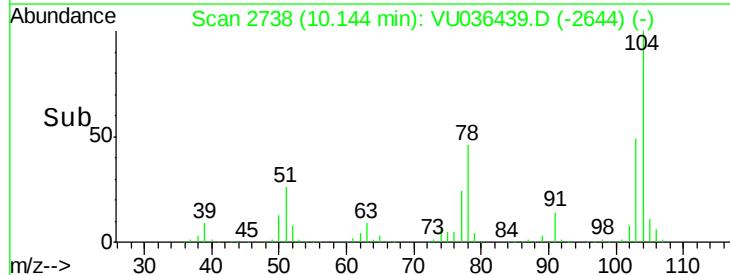
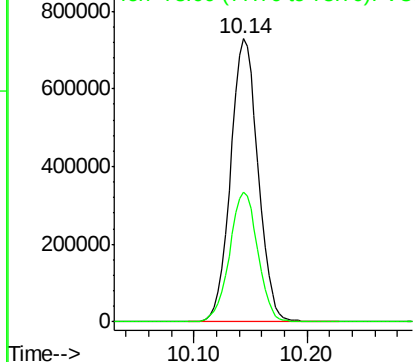


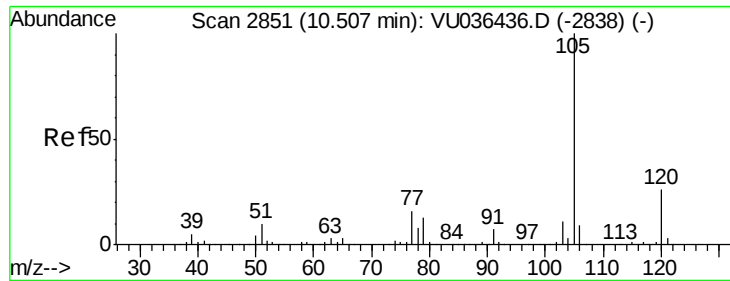
#55
Styrene
Concen: 102.686 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. 0.00 min
Lab File: VU036439.D
Acq: 13 Jan 2020 15:46

Tgt Ion:104 Resp: 1231504
Ion Ratio Lower Upper
104 100
78 45.9 33.9 63.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 127.347 ug/L

RT: 10.51 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

X2L44

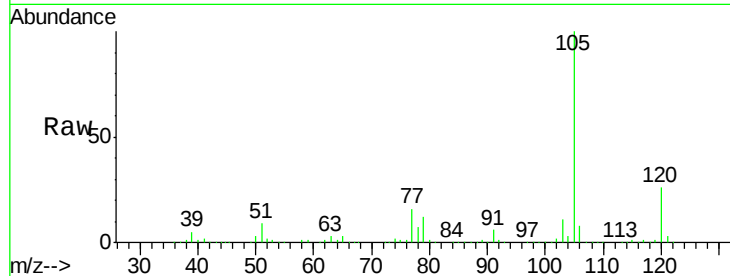
Tgt Ion:105 Resp: 2354257

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.4

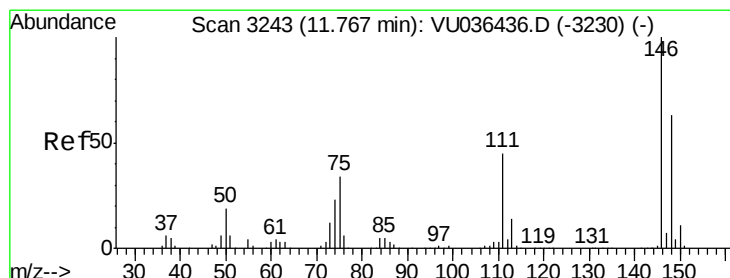
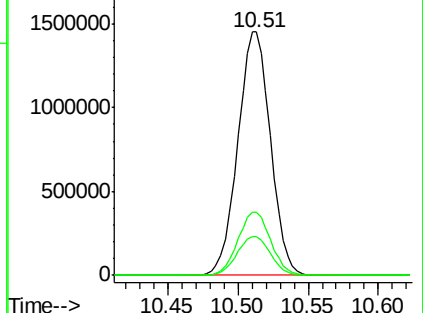
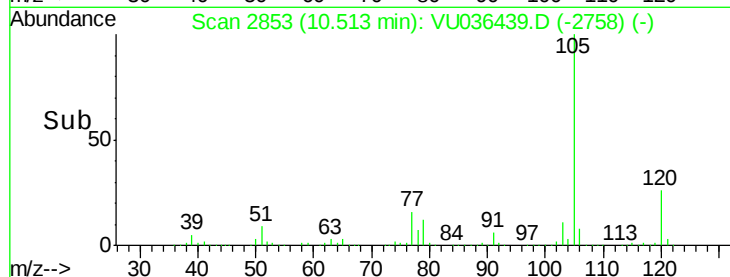
77 16.3 13.3 19.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 76.896 ug/L

RT: 11.77 min Scan# 3244

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

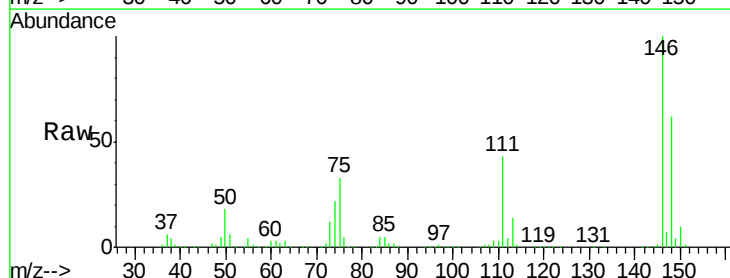
Tgt Ion:146 Resp: 625928

Ion Ratio Lower Upper

146 100

111 43.1 29.1 54.1

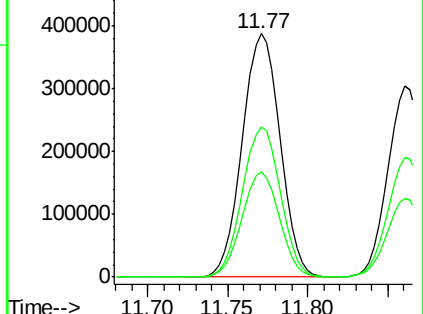
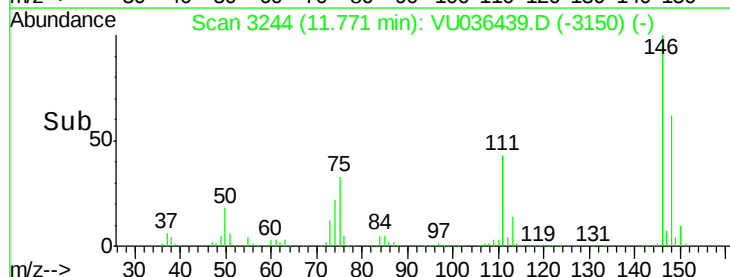
148 61.7 46.9 87.1

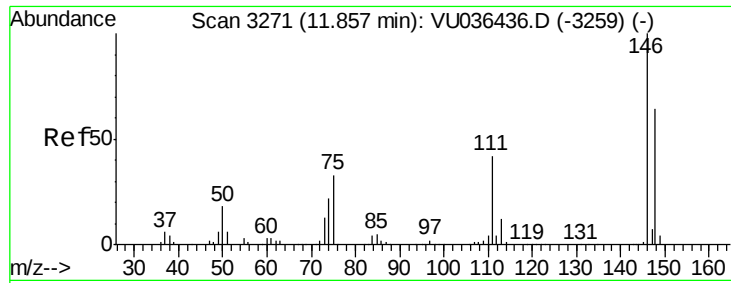


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 60.109 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

X2L44

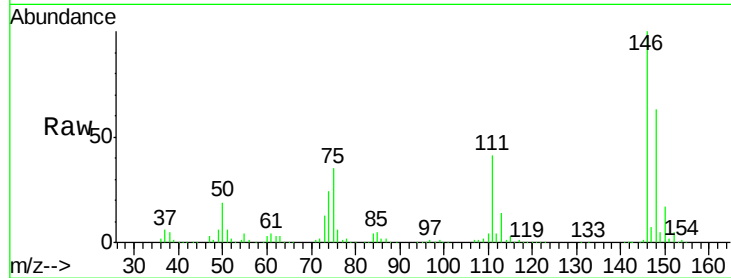
Tgt Ion:146 Resp: 485355

Ion Ratio Lower Upper

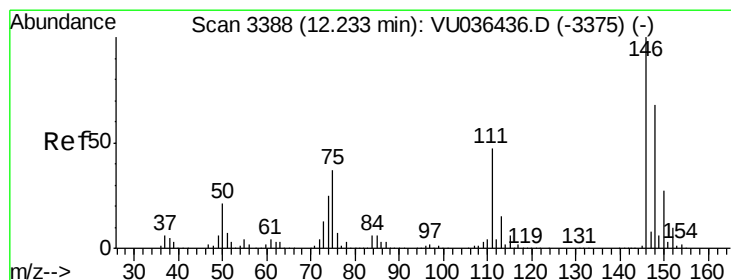
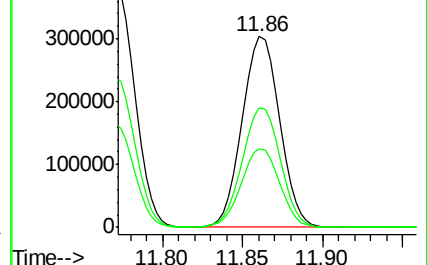
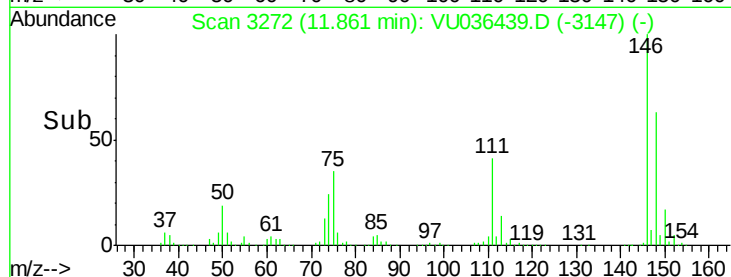
146 100

111 41.5 29.7 55.1

148 62.6 45.6 84.6



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 36.316 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU036439.D

Acq: 13 Jan 2020 15:46

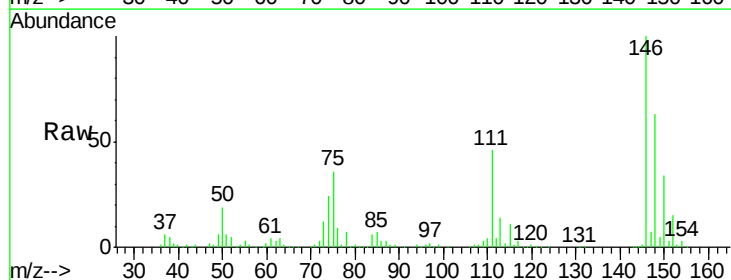
Tgt Ion:146 Resp: 296183

Ion Ratio Lower Upper

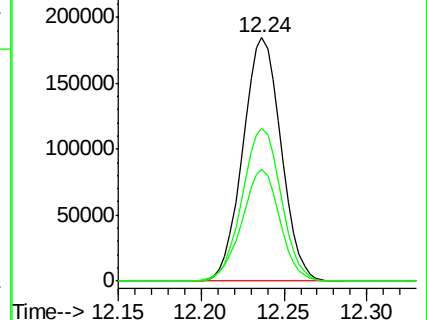
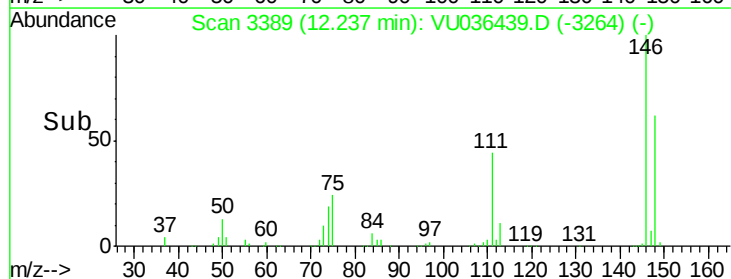
146 100

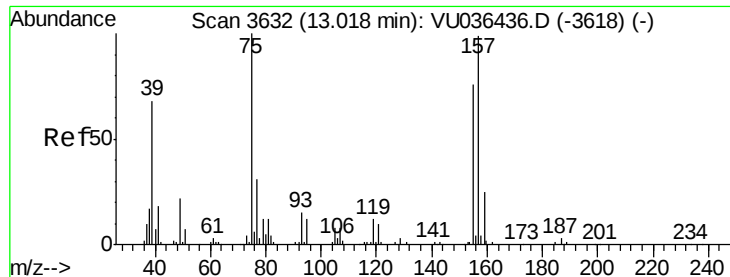
111 45.7 33.4 50.2

148 62.8 50.7 76.1



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

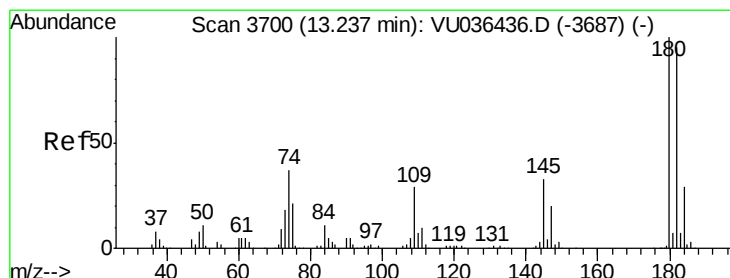
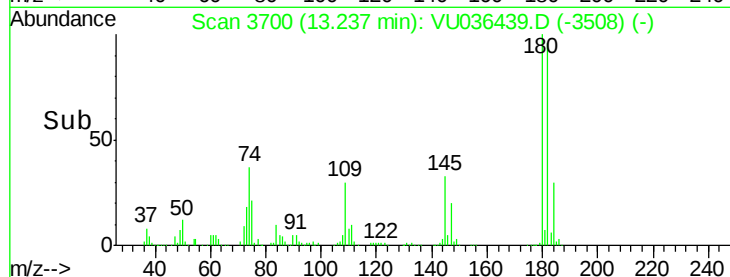
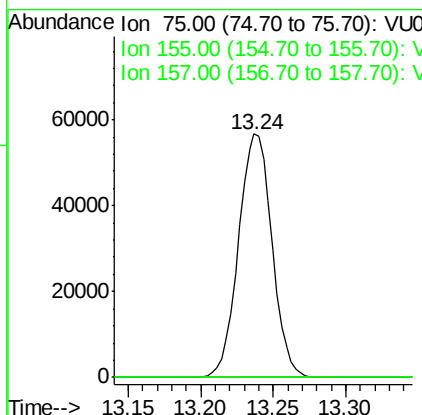
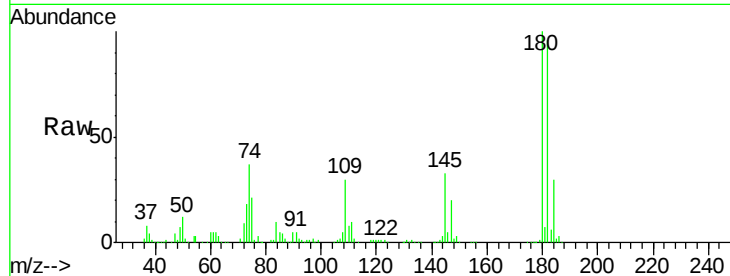




#66
 1,2-Dibromo-3-chloropropane
 Concen: 47.687 ug/L
 RT: 13.24 min Scan# 3700
 Delta R.T. 0.22 min
 Lab File: VU036439.D
 Acq: 13 Jan 2020 15:46

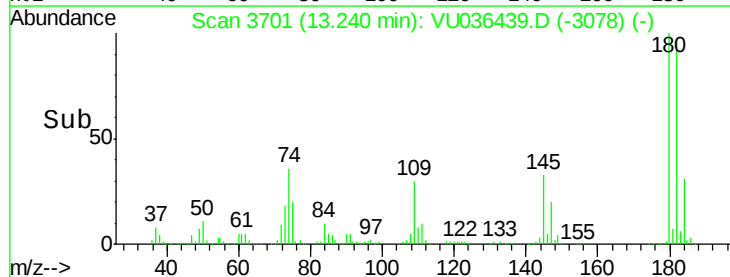
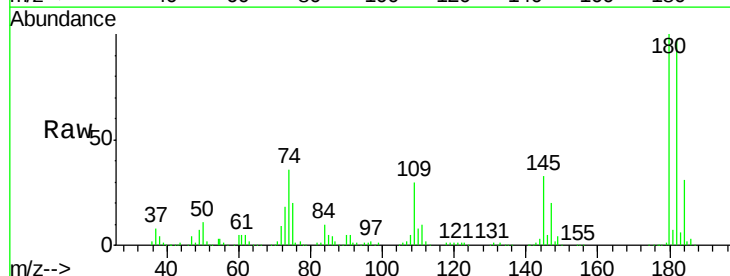
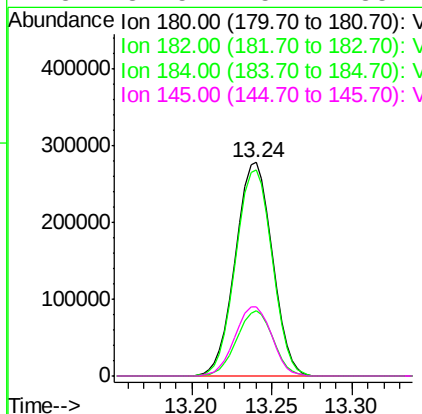
Instrument :
 MSVOA_U
 ClientSampleId :
 X2L44

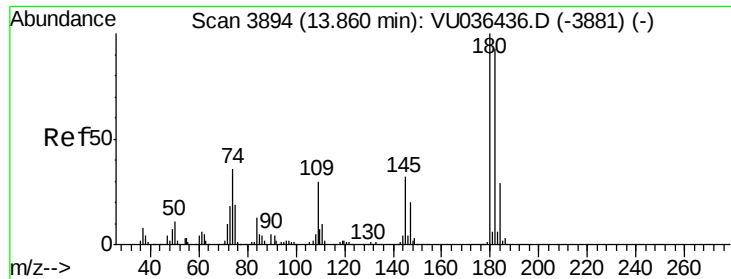
Tgt Ion: 75 Resp: 90753
 Ion Ratio Lower Upper
 75 100
 155 0.2 61.8 92.6#
 157 0.0 84.2 126.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 80.886 ug/L
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VU036439.D
 Acq: 13 Jan 2020 15:46

Tgt Ion: 180 Resp: 437216
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.6 112.0
 184 30.1 23.9 35.9
 145 32.5 25.4 38.2

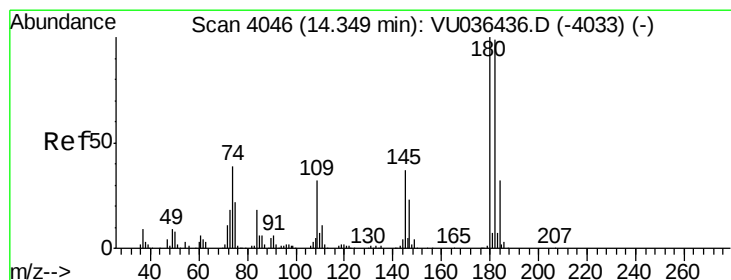
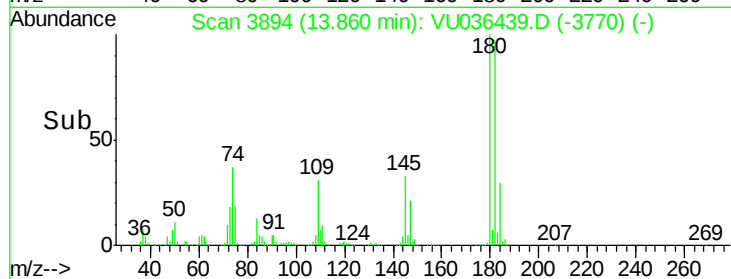
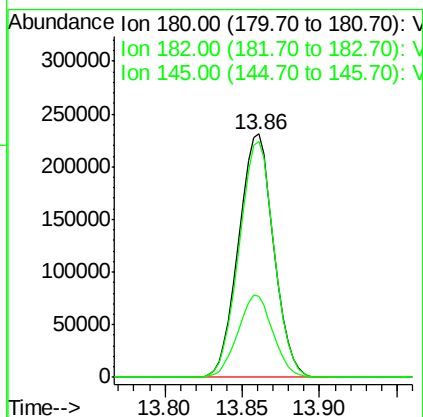
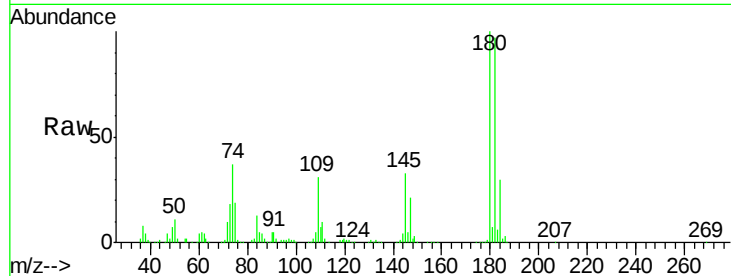




#68
 1,2,4-trichlorobenzene
 Concen: 89.015 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU036439.D
 Acq: 13 Jan 2020 15:46

Instrument :
 MSVOA_U
 ClientSampleId :
 X2L44

Tgt Ion:180 Resp: 364653
 Ion Ratio Lower Upper
 180 100
 182 96.5 78.0 117.0
 145 33.6 26.0 39.0



#70
 1,2,3-Trichlorobenzene
 Concen: 61.309 ug/L
 RT: 14.35 min Scan# 4046
 Delta R.T. 0.00 min
 Lab File: VU036439.D
 Acq: 13 Jan 2020 15:46

Tgt Ion:180 Resp: 263760
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.4 113.2
 145 35.1 27.1 40.7

