

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038144.D
 Acq On : 13 May 2020 15:30
 Operator : JC/MD
 Sample : L2630-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:14:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	358706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	350964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	180748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130576	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	123651	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	189377	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.67	46	479605	59.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.50%
24) Chloroform-d	5.10	84	229006	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	141312	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	500742	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	166878	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.92	98	445758	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	63827	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.65	63	392758	61.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144553	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	174811	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	613143	15.827	ug/L	98
8) Chloroethane	1.95	64	4747	0.199	ug/L #	61
12) 1,1-Dichloroethene	2.61	96	38633	1.552	ug/L #	59
13) Acetone	2.66	43	5660	1.114	ug/L	87
15) Methyl Acetate	3.11	43	4948042	348.270	ug/L #	53
16) Methylene chloride	3.07	84	6091	0.210	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	9921	0.365	ug/L	77
19) 1,1-Dichloroethane	3.91	63	569720	10.733	ug/L	100
21) 2-Butanone	4.57	43	958654	106.937	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	917114	31.315	ug/L #	100
25) Chloroform	5.12	83	11193	0.226	ug/L	87
29) 1,1,1-Trichloroethane	5.35	97	1343312	33.407	ug/L	99
30) Cyclohexane	5.43	56	907671	19.118	ug/L	99
31) Carbon tetrachloride	5.35	117	170574	5.278	ug/L	97
33) Benzene	5.81	78	17405	0.155	ug/L	100
34) Trichloroethene	6.57	95	4101	0.146	ug/L	93
37) 1,2-Dichloropropane	6.72	63	17330	0.568	ug/L #	93

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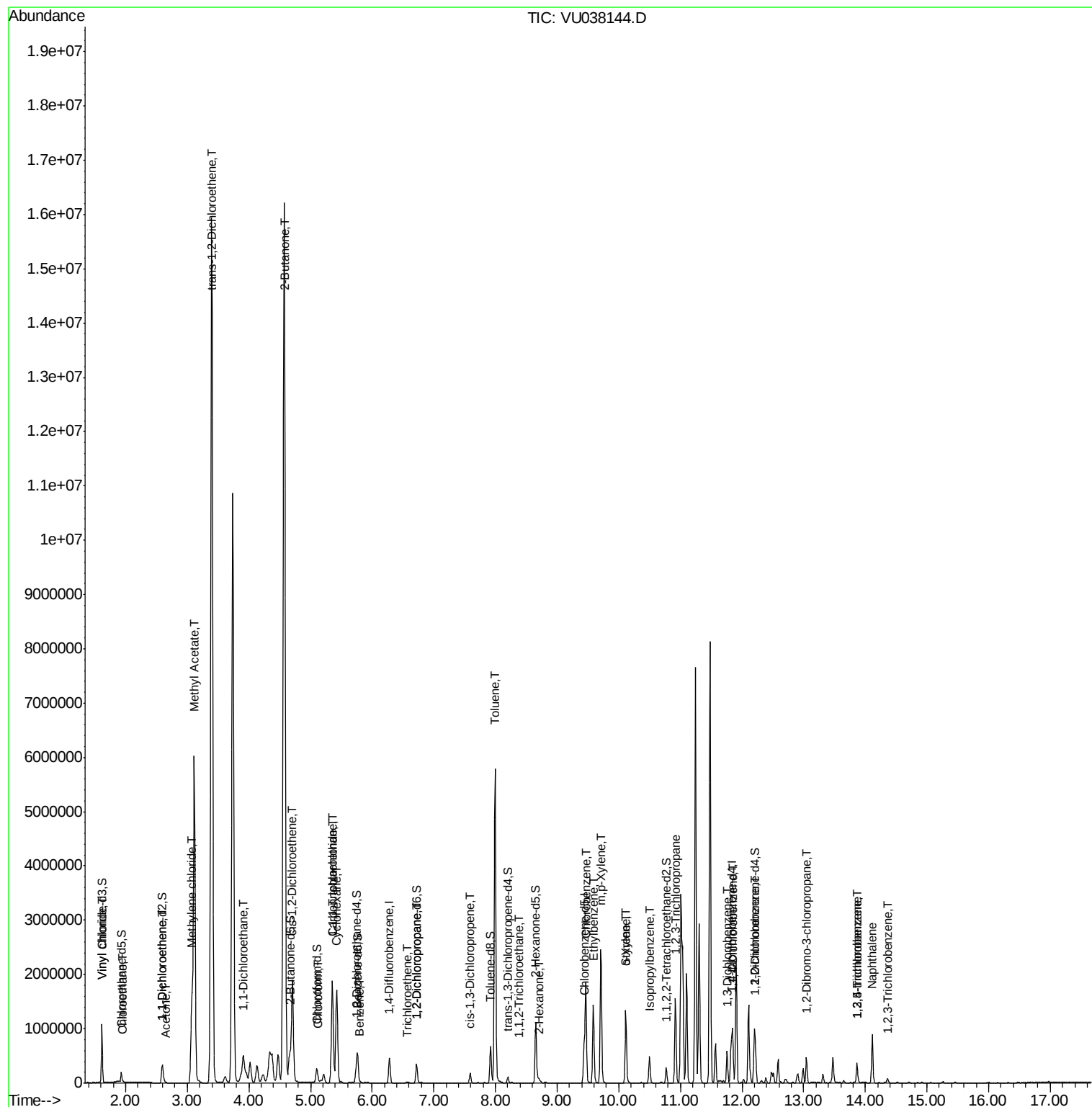
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	7.59	75	4095	0.094	ug/L #	71
42) Toluene	7.99	91	4183051	35.258	ug/L	99
45) 1,1,2-Trichloroethane	8.38	97	2530	0.119	ug/L #	15
48) 2-Hexanone	8.71	43	46734	3.016	ug/L #	95
51) Chlorobenzene	9.47	112	960101	13.040	ug/L	98
52) Ethylbenzene	9.59	91	1043250	8.118	ug/L	100
53) m,p-Xylene	9.71	106	730398	14.822	ug/L	97
54) o-Xylene	10.11	106	379790	7.971	ug/L	98
55) Styrene	10.12	104	19296	0.241	ug/L #	1
56) Isopropylbenzene	10.50	105	334445	2.733	ug/L	99
59) 1,2,3-Trichloropropane	10.92	75	7588	0.370	ug/L #	1
62) 1,3-Dichlorobenzene	11.76	146	216171	3.676	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	373381	6.266	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	129759	2.293	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.04	75	1882	0.407	ug/L #	8
67) 1,3,5-Trichlorobenzene	13.87	180	97800	2.292	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	97800	2.527	ug/L	98
69) Naphthalene	14.11	128	693008	8.505	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	25294	0.703	ug/L	97

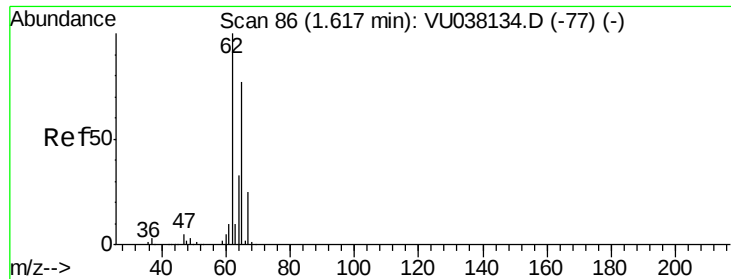
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.827 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

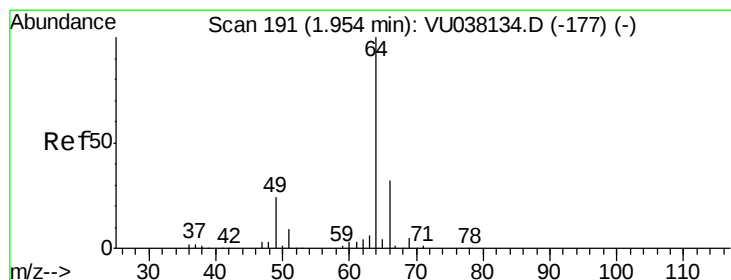
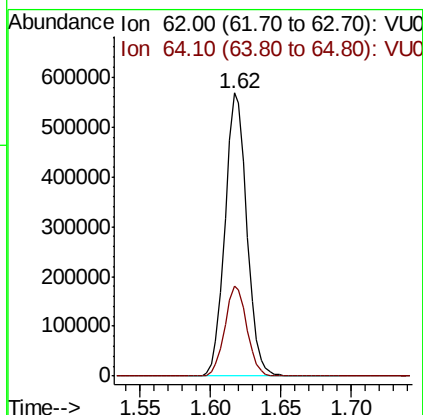
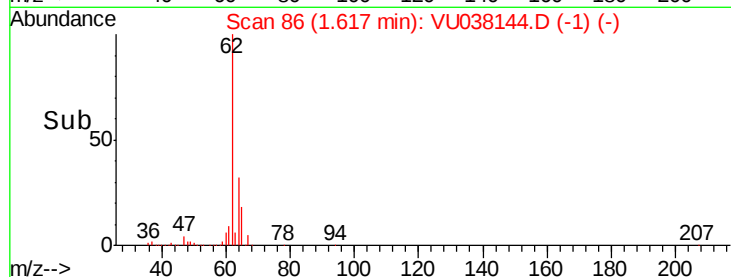
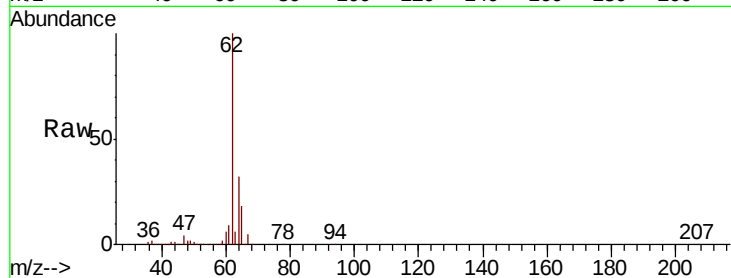
ClientSampleId :

Tot Ion: 62 Resp: 613143

Ion Ratio Lower Upper

62 100

64 31.7 22.8 42.4



#8

Chloroethane

Concen: 0.199 ug/L

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU038144.D

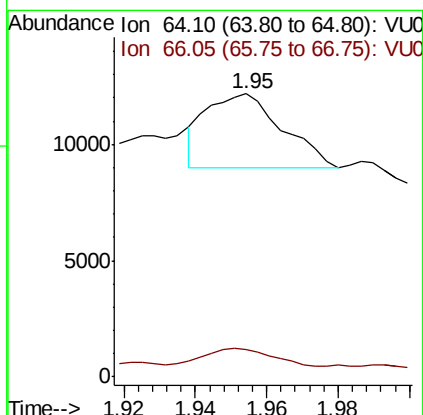
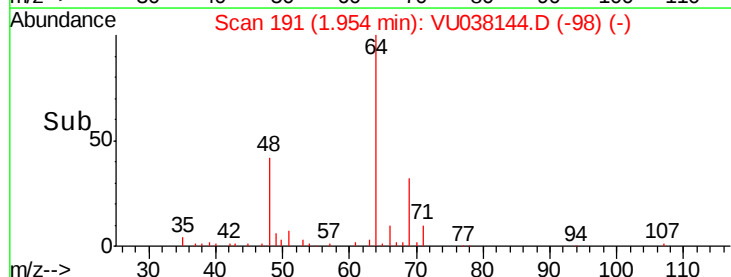
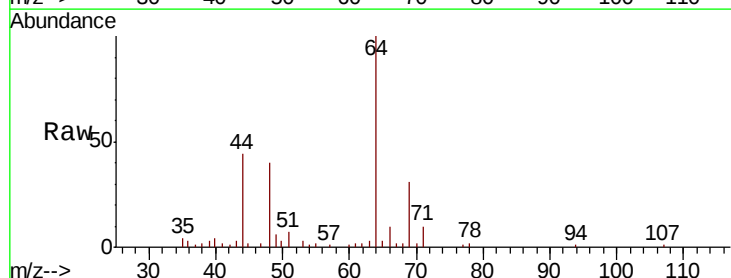
Acq: 13 May 2020 15:30

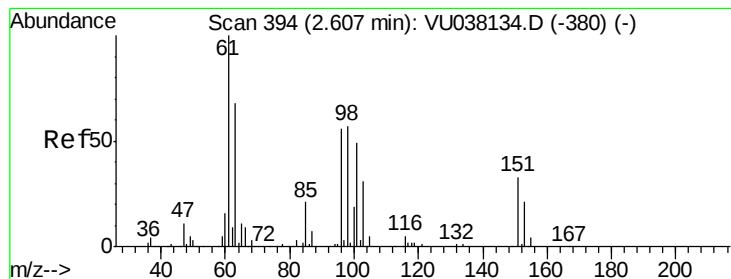
Tgt Ion: 64 Resp: 4747

Ion Ratio Lower Upper

64 100

66 9.7 21.8 40.4#





#12

1,1-Dichloroethene

Concen: 1.552 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

ClientSampled :

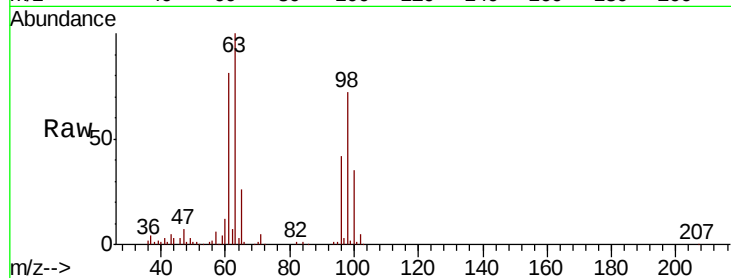
Tot Ion: 96 Resp: 38633

Ion Ratio Lower Upper

96 100

61 193.5 126.2 234.4

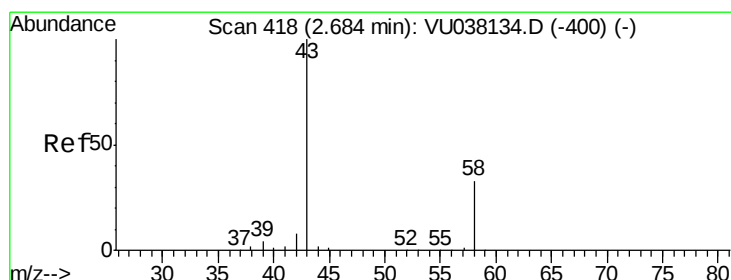
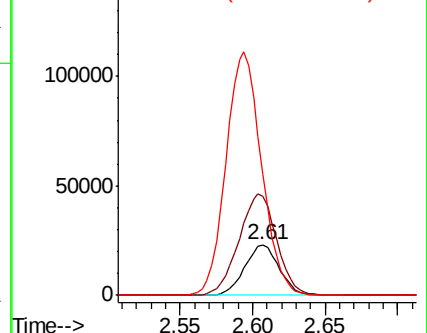
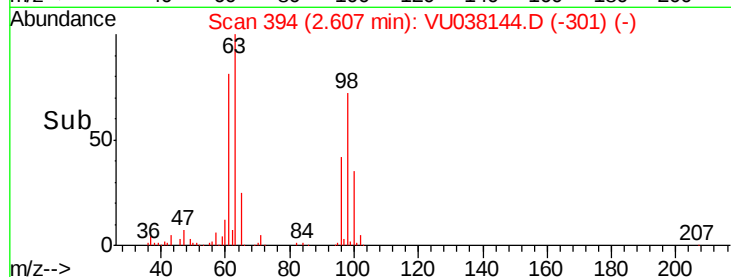
63 237.6 96.9 179.9#



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: 1.114 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU038144.D

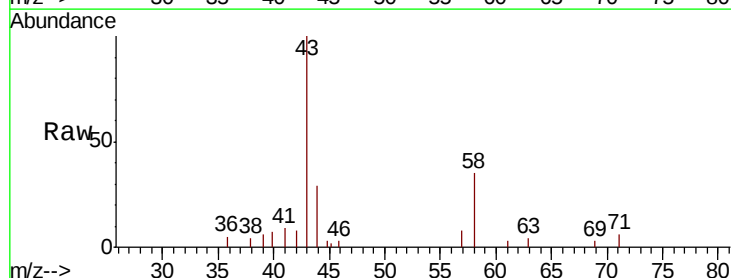
Acq: 13 May 2020 15:30

Tgt Ion: 43 Resp: 5660

Ion Ratio Lower Upper

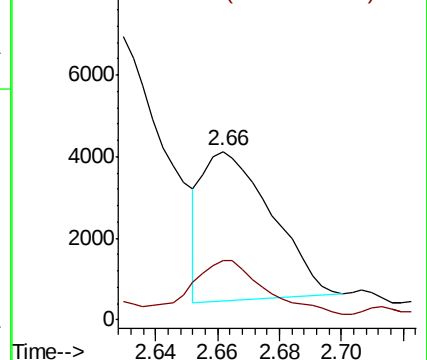
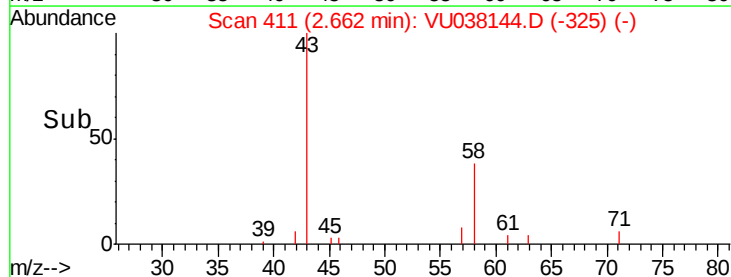
43 100

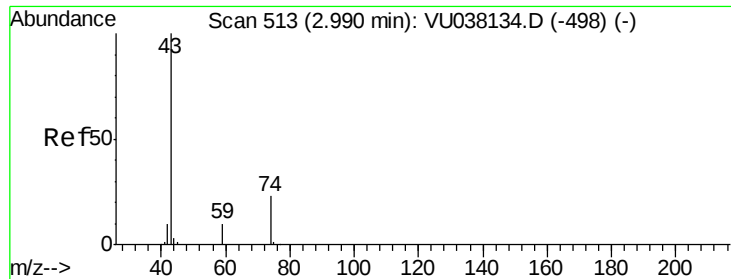
58 38.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 348.270 ug/L

RT: 3.11 min Scan# 552

Delta R.T. 0.13 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

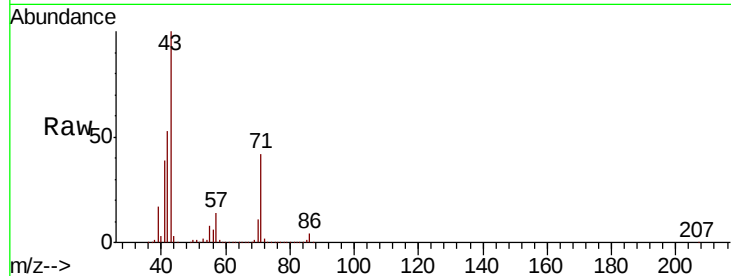
ClientSampled :

Tot Ion: 43 Resp: 4948042

Ion Ratio Lower Upper

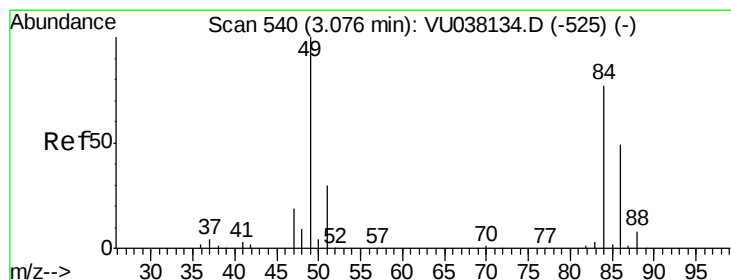
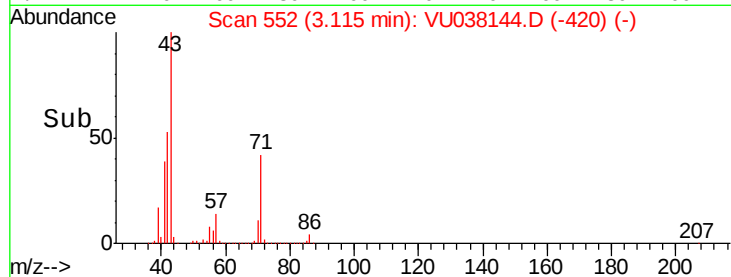
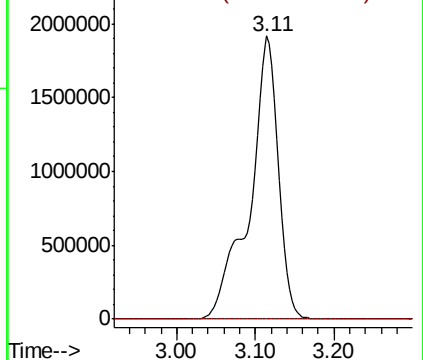
43 100

74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.210 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

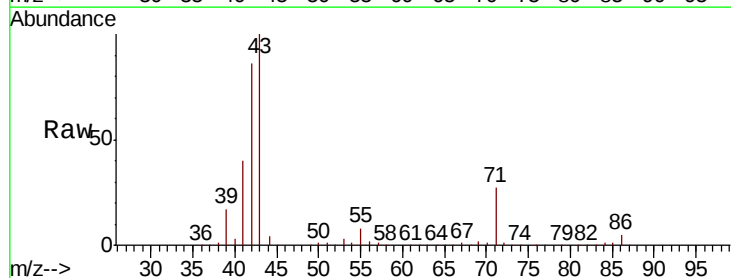
Tgt Ion: 84 Resp: 6091

Ion Ratio Lower Upper

84 100

86 1018.9 44.9 83.3#

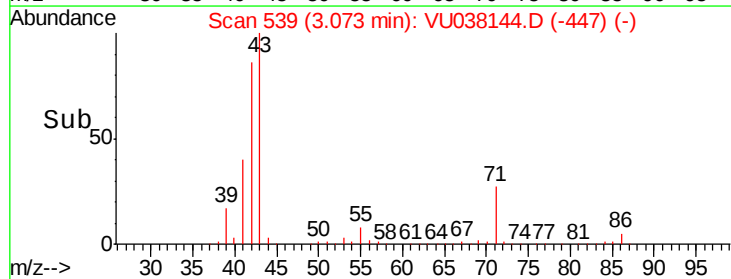
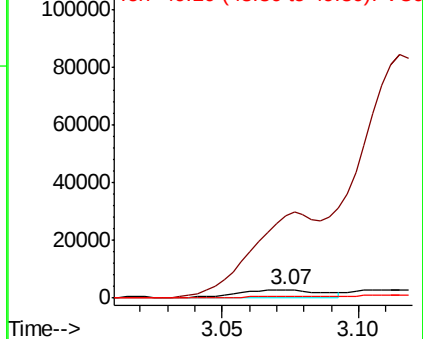
49 21.4 92.0 170.9#

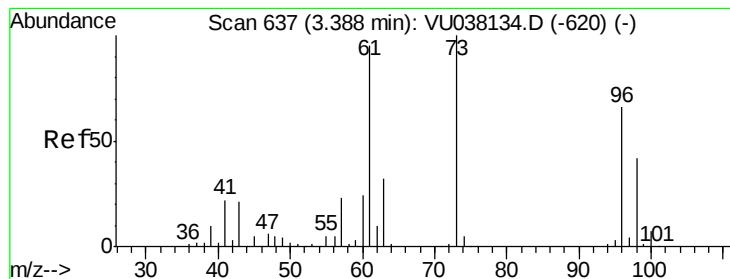


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.365 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

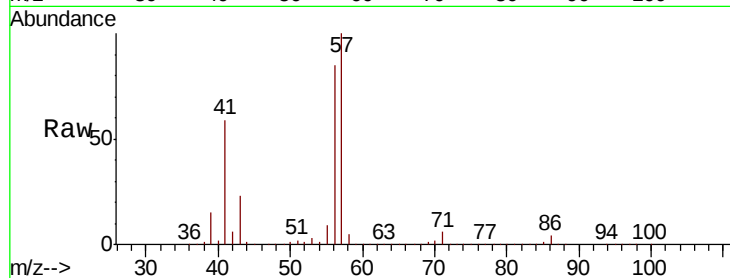
Tot Ion: 96 Resp: 9921

Ion Ratio Lower Upper

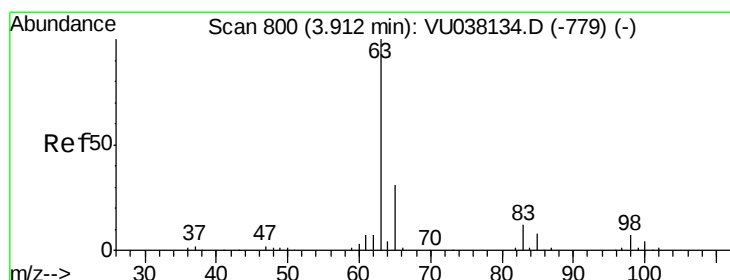
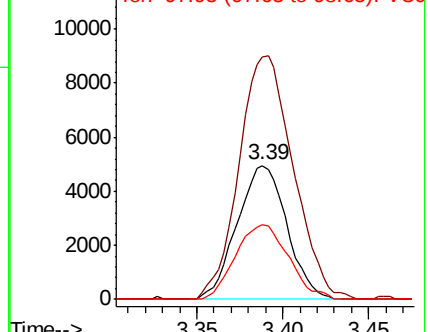
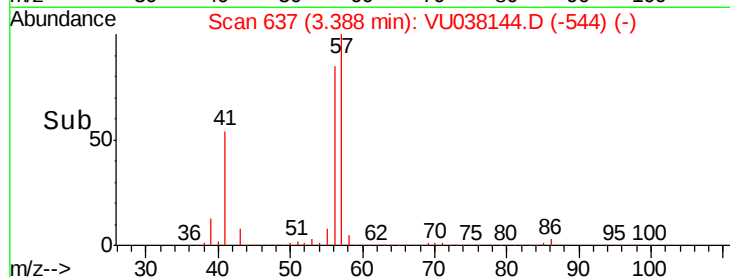
96 100

61 180.9 102.1 189.5

98 55.7 45.6 84.8



Abundance Ion 96.00 (95.70 to 96.70): VU038144.D (-544) (-)



#19

1,1-Dichloroethane

Concen: 10.733 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

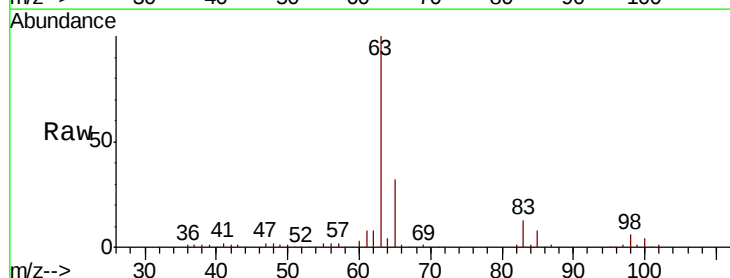
Tgt Ion: 63 Resp: 569720

Ion Ratio Lower Upper

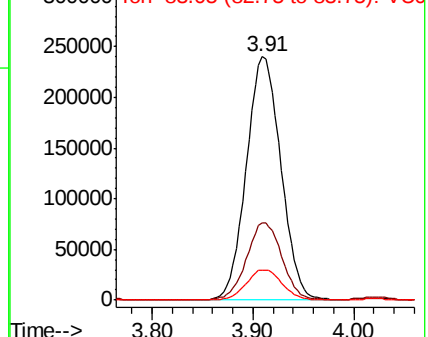
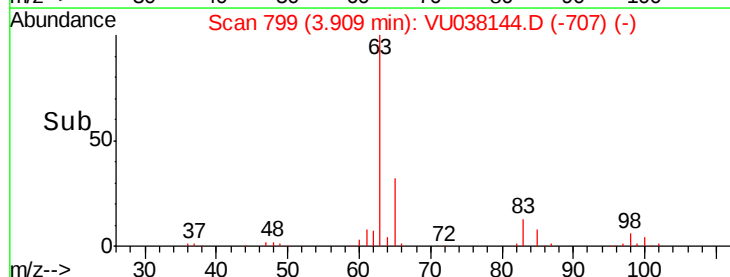
63 100

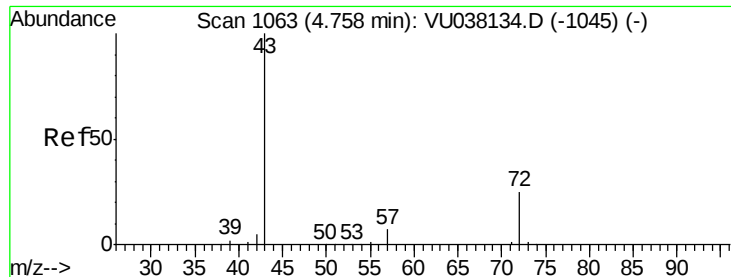
65 31.9 22.5 41.7

83 12.5 8.9 16.5



Abundance Ion 63.10 (62.80 to 63.80): VU038144.D (-707) (-)





#21

2-Butanone

Concen: 106.937 ug/L

RT: 4.57 min Scan# 1006

Delta R.T. -0.18 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

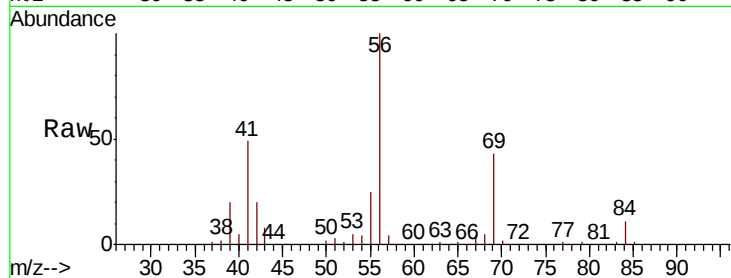
ClientSampled :

Tot Ion: 43 Resp: 958654

Ion Ratio Lower Upper

43 100

72 1.0 13.5 40.4#



Abundance Ion 43.05 (42.75 to 43.75): VU038144.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU038144.D (-970) (-)

4.57

400000

300000

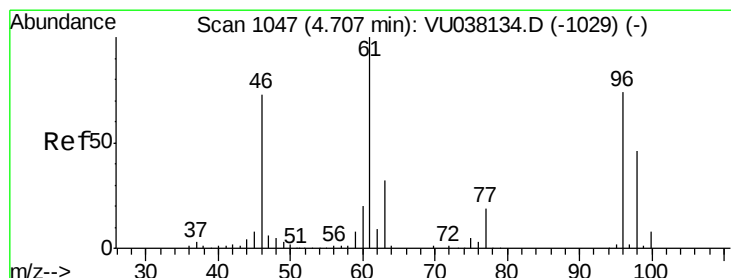
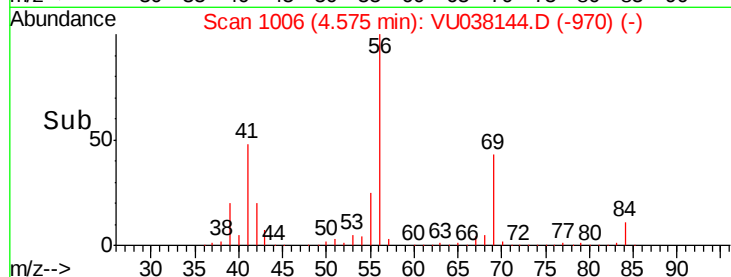
200000

100000

0

4.50 4.55 4.60 4.65

Time-->



#22

cis-1,2-Dichloroethene

Concen: 31.315 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

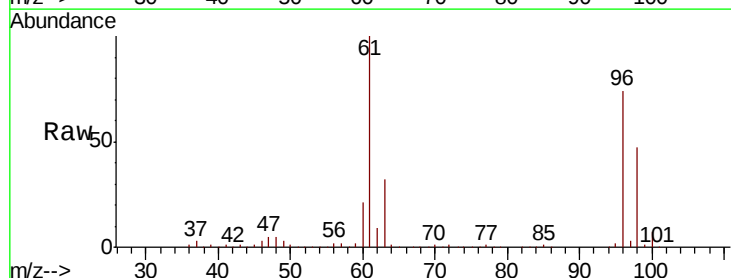
Tgt Ion: 96 Resp: 917114

Ion Ratio Lower Upper

96 100

61 136.0 95.3 176.9

68 0.1 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038144.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038144.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038144.D (-954) (-)

4.71

600000

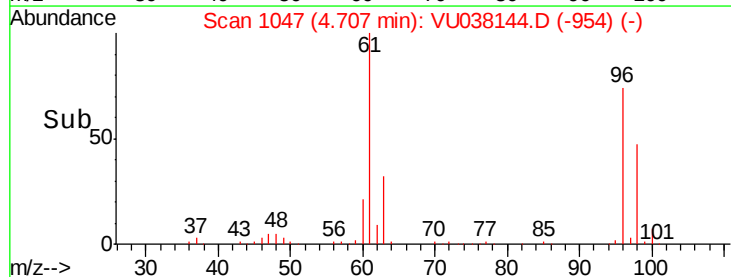
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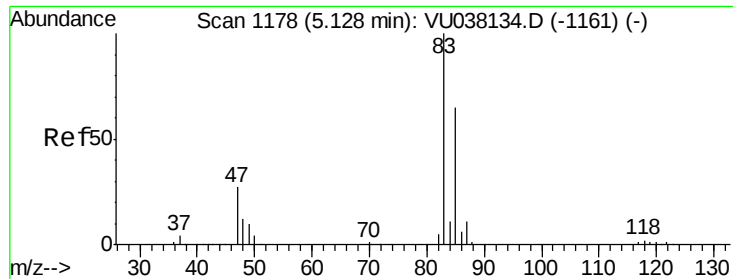
200000

0

4.60 4.70 4.80

Time-->

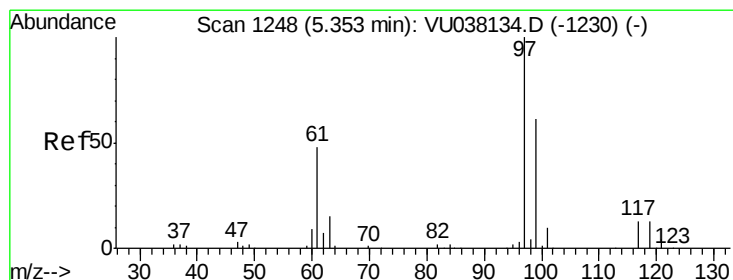
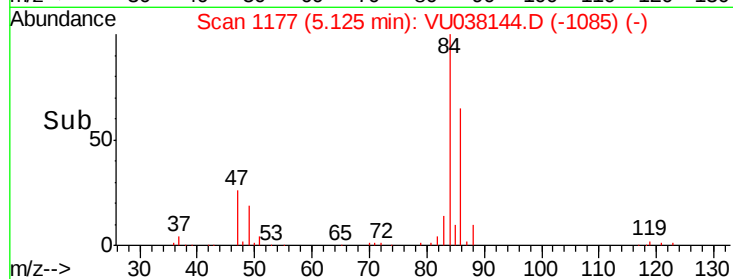
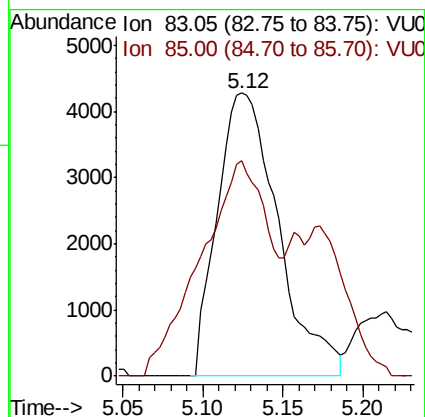
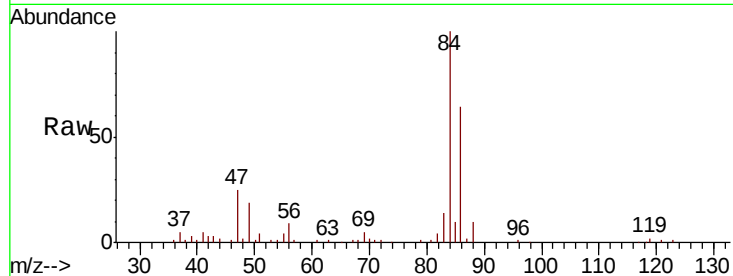




#25
Chloroform
Concen: 0.226 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

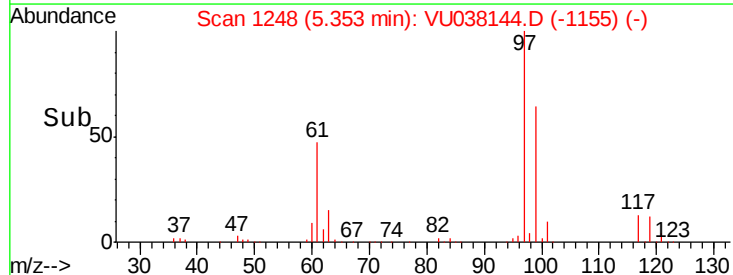
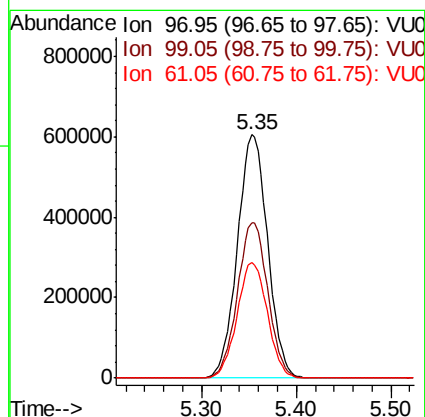
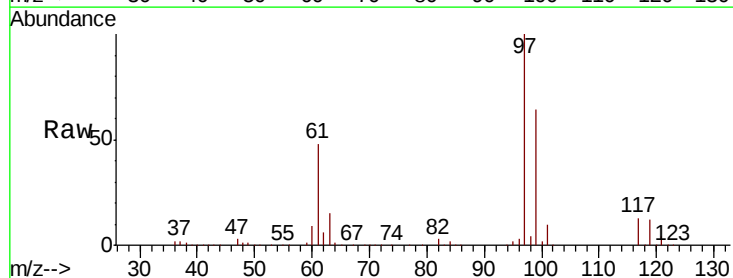
Instrument :
MSVOA_U
ClientSampleId :

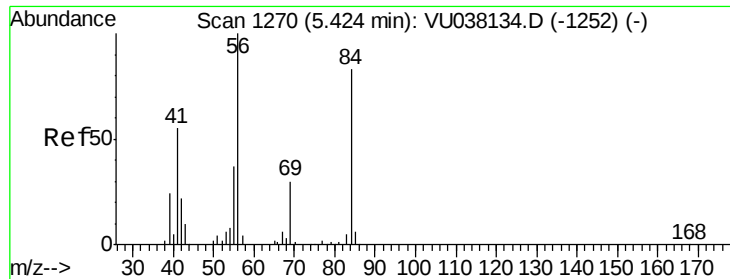
Tot Ion: 83 Resp: 11193
Ion Ratio Lower Upper
83 100
85 76.3 46.2 85.8



#29
1,1,1-Trichloroethane
Concen: 33.407 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

Tgt Ion: 97 Resp: 1343312
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 47.5 38.2 57.4

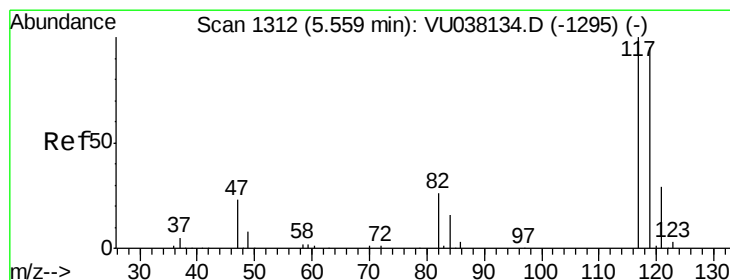
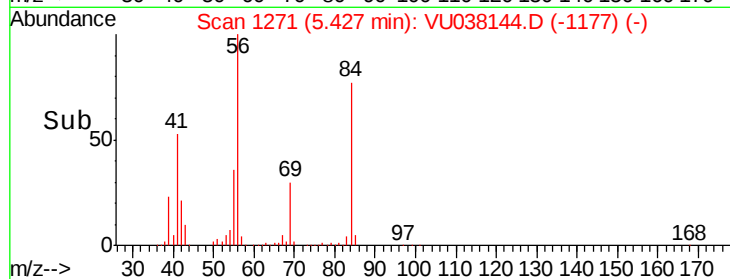
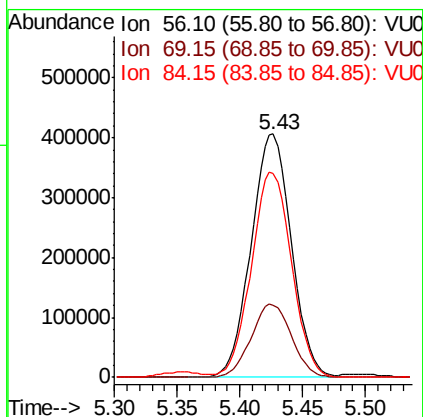
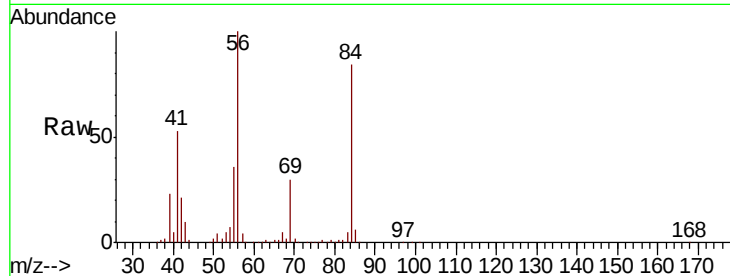




#30
Cyclohexane
Concen: 19.118 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

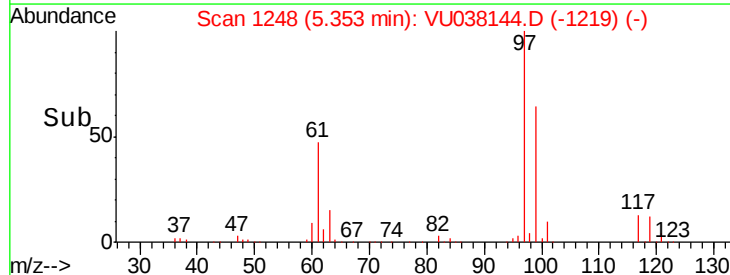
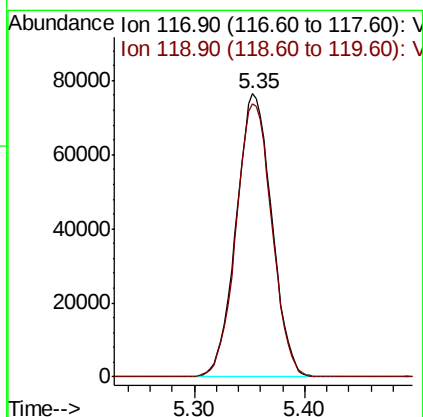
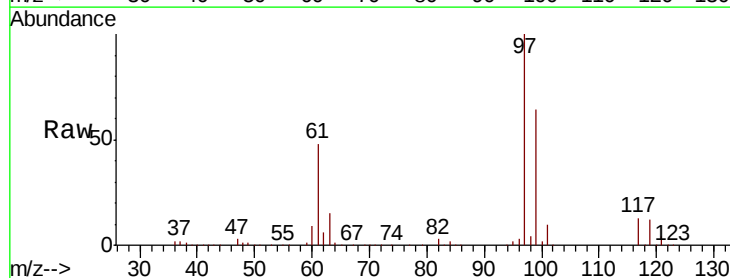
Instrument :
MSVOA_U
ClientSampled :

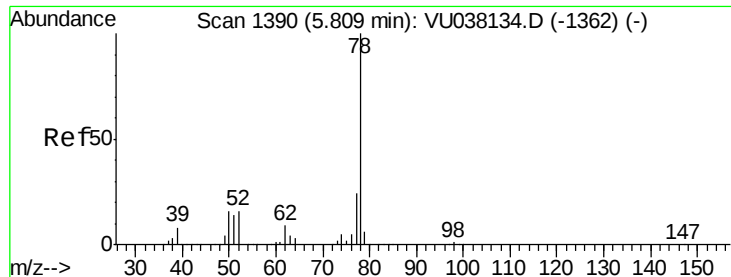
Tot Ion: 56 Resp: 907671
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.4
84 84.4 68.5 102.7



#31
Carbon tetrachloride
Concen: 5.278 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.21 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

Tgt Ion: 117 Resp: 170574
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.2





#33

Benzene

Concen: 0.155 ug/L

RT: 5.81 min Scan# 1389

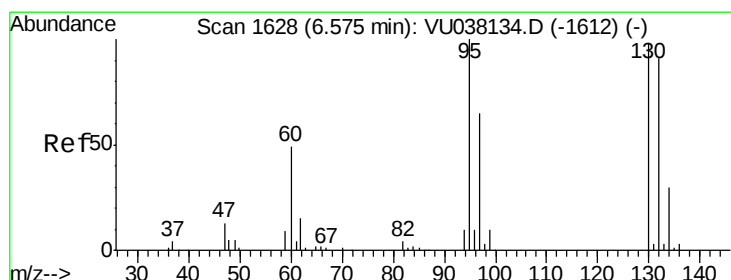
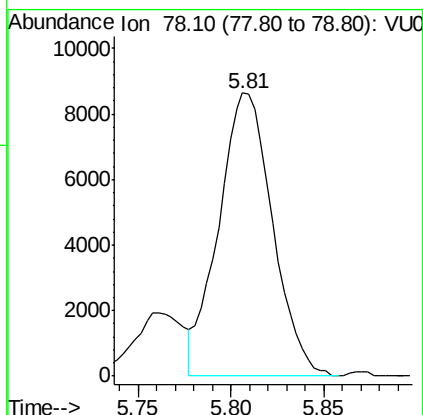
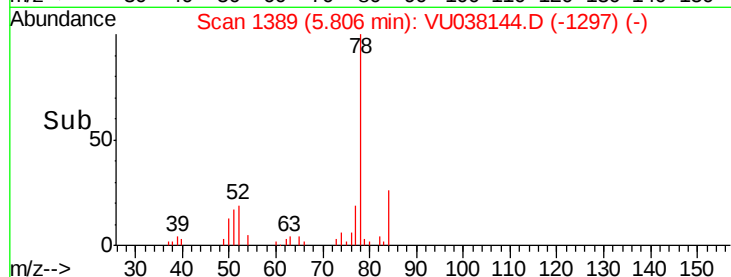
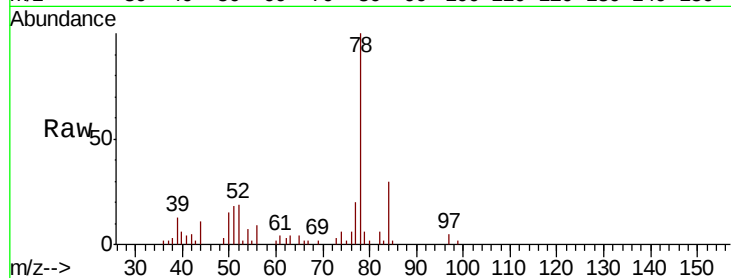
Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 17405



#34

Trichloroethene

Concen: 0.146 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Tgt Ion: 95 Resp: 4101

Ion	Ratio	Lower	Upper
95	100		
97	76.9	44.9	83.3
132	93.5	63.3	117.5
130	98.3	65.7	122.1

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

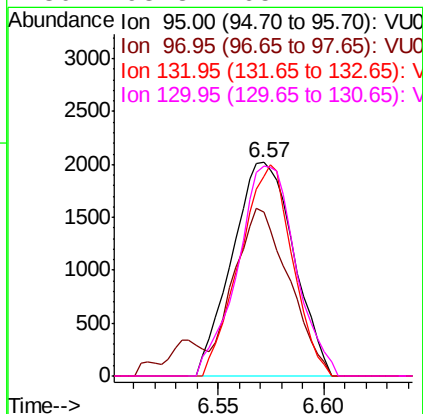
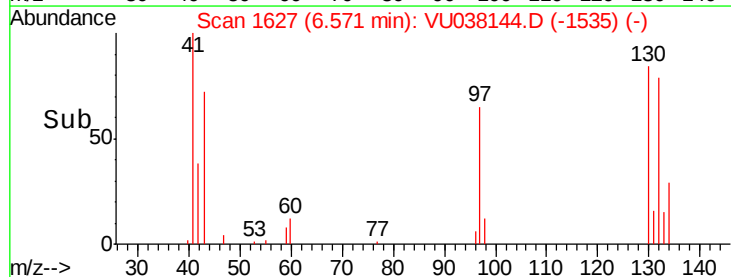
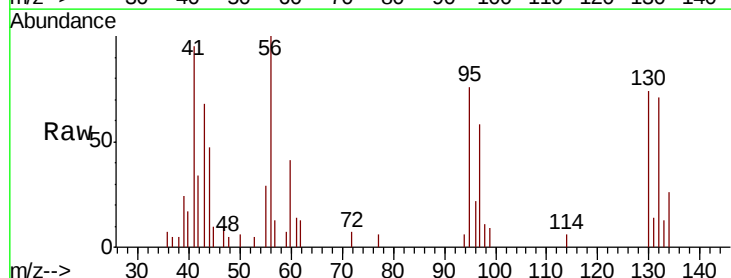
95	100
97	76.9
132	93.5
130	98.3

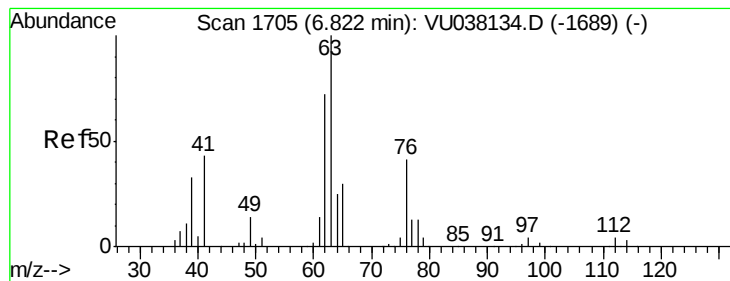
95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3

95	100
97	76.9
132	93.5
130	98.3





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

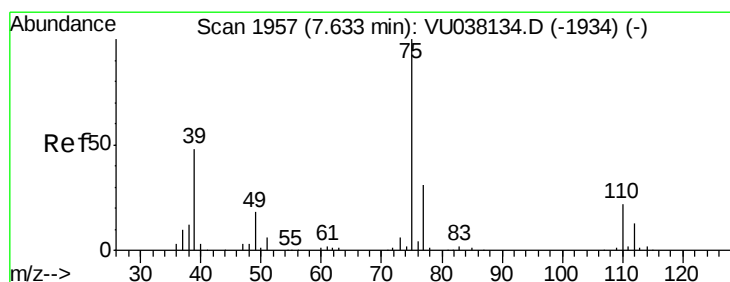
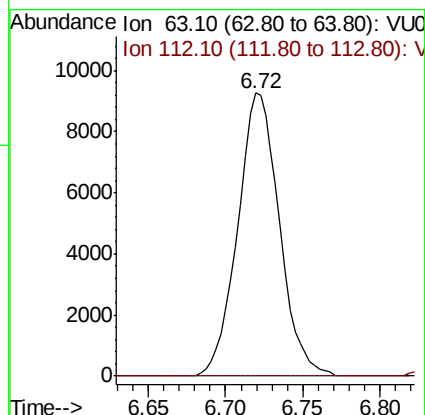
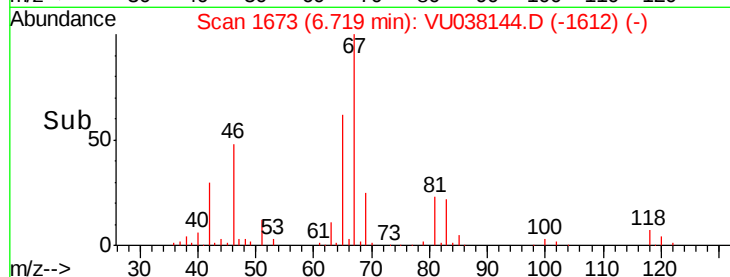
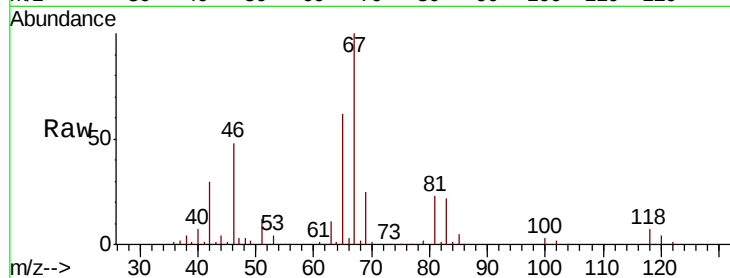
ClientSampled :

Tot Ion: 63 Resp: 17330

Ion Ratio Lower Upper

63 100

112 1.6 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038144.D

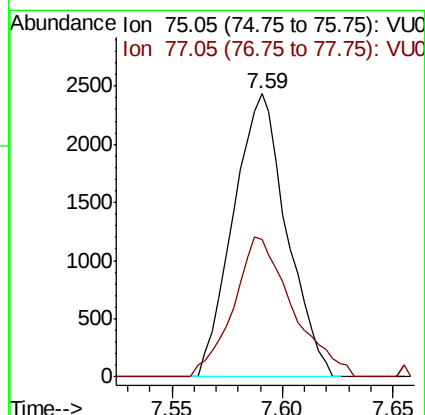
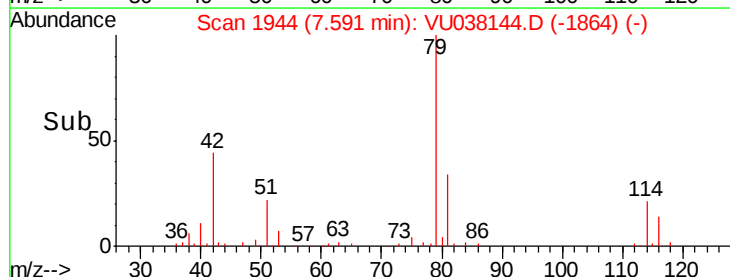
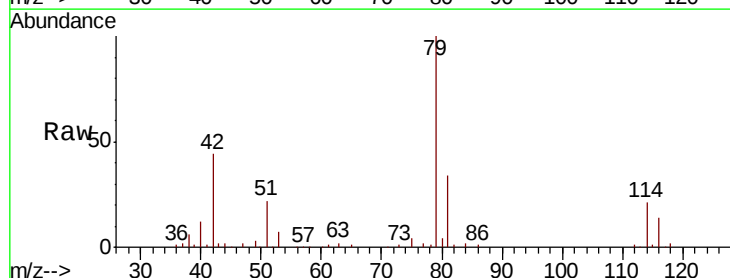
Acq: 13 May 2020 15:30

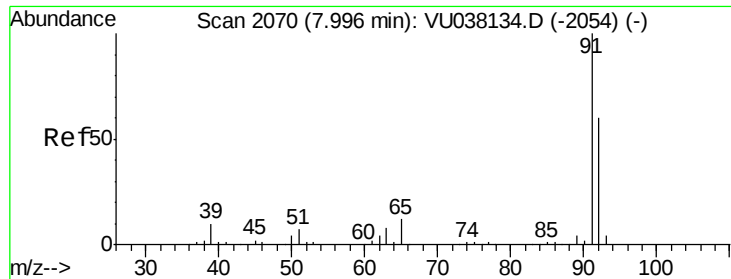
Tgt Ion: 75 Resp: 4095

Ion Ratio Lower Upper

75 100

77 48.4 22.4 41.6#





#42

Toluene

Concen: 35.258 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

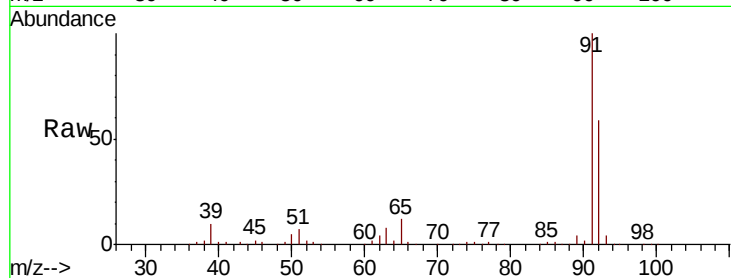
ClientSampleId :

Tot Ion: 91 Resp: 4183051

Ion Ratio Lower Upper

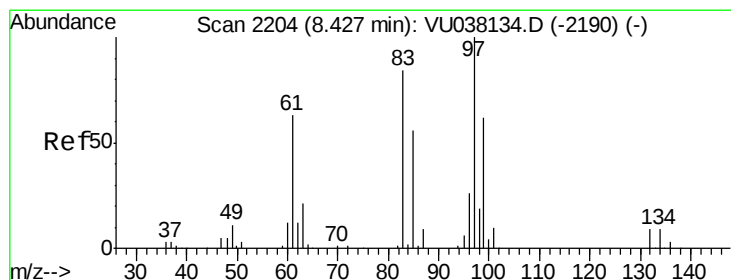
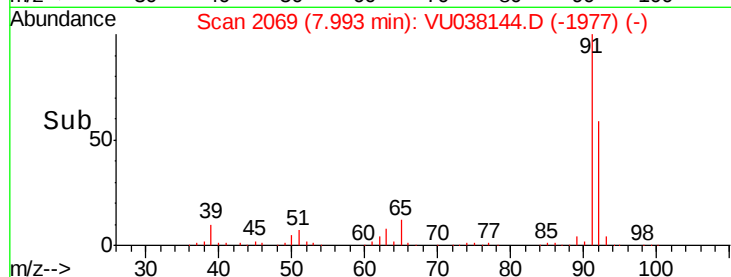
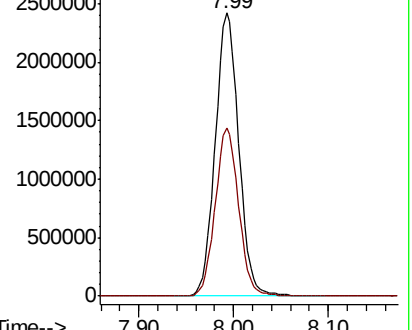
91 100

92 59.4 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038134.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038134.D (-2054) (-)



#45

1,1,2-Trichloroethane

Concen: 0.119 ug/L

RT: 8.38 min Scan# 2191

Delta R.T. -0.04 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Tgt Ion: 97 Resp: 2530

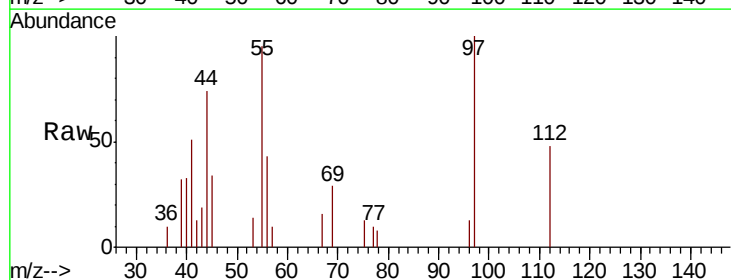
Ion Ratio Lower Upper

97 100

99 0.0 44.0 81.6#

83 0.0 59.6 110.8#

85 0.0 41.3 76.7#

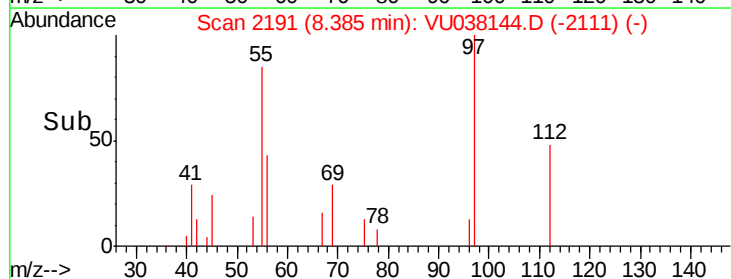
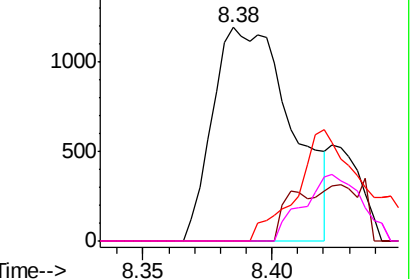


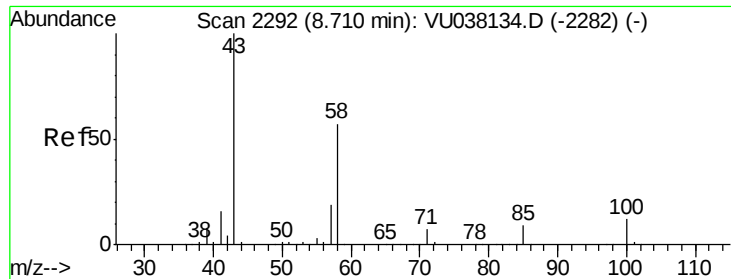
Abundance Ion 96.95 (96.65 to 97.65): VU038134.D (-2190) (-)

Ion 99.05 (98.75 to 99.75): VU038134.D (-2190) (-)

Ion 82.95 (82.65 to 83.65): VU038134.D (-2190) (-)

Ion 85.00 (84.70 to 85.70): VU038134.D (-2190) (-)

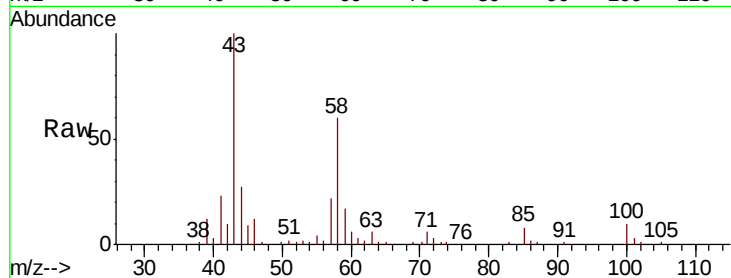




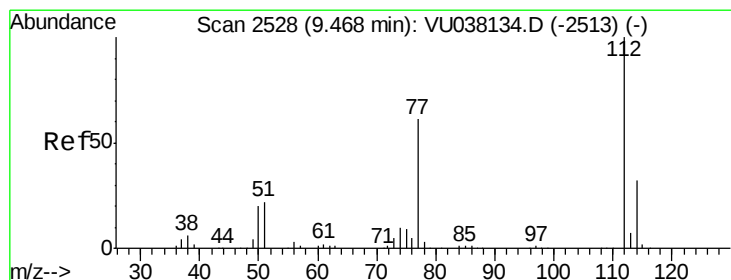
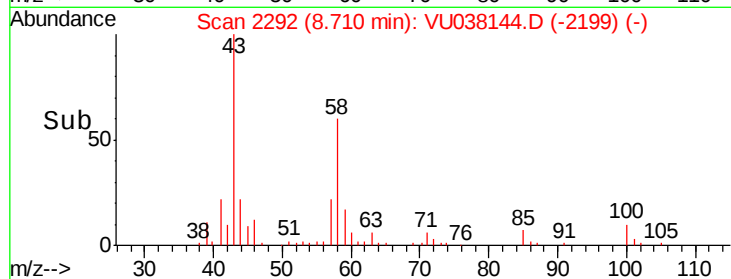
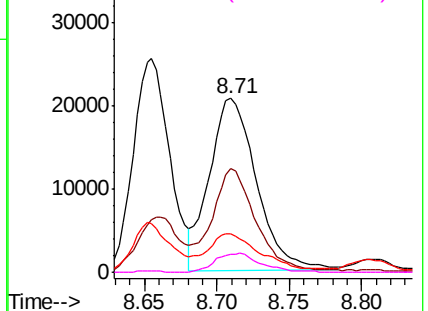
#48
2-Hexanone
Concen: 3.016 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 46734
Ion Ratio Lower Upper
43 100
58 53.8 45.2 67.8
57 24.0 15.5 23.3#
100 10.6 9.5 14.3

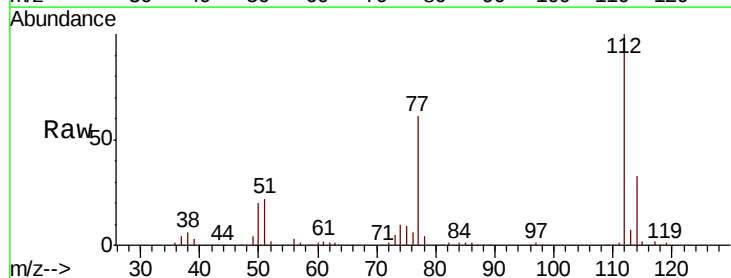


Abundance Ion 43.05 (42.75 to 43.75): VU038144.D (-2282) (-)
Ion 58.05 (57.75 to 58.75): VU038144.D (-2282) (-)
Ion 57.20 (56.90 to 57.90): VU038144.D (-2282) (-)
Ion 100.15 (99.85 to 100.85): VU038144.D (-2282) (-)

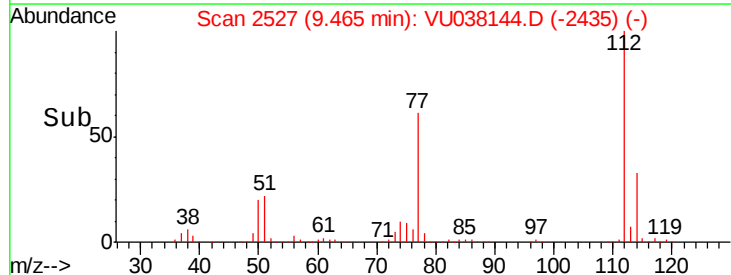
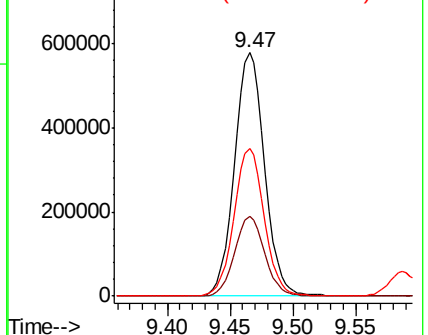


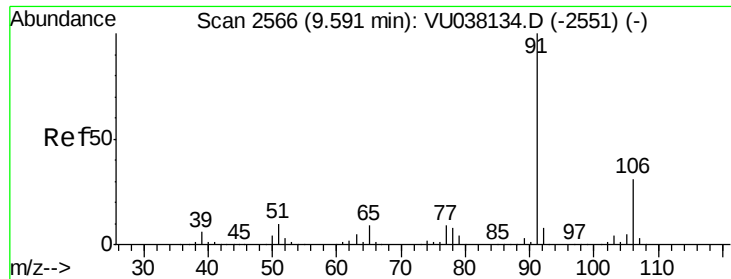
#51
Chlorobenzene
Concen: 13.040 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

Tgt Ion: 112 Resp: 960101
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 60.8 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): VU038144.D (-2513) (-)
Ion 114.05 (113.75 to 114.75): VU038144.D (-2513) (-)
Ion 77.10 (76.80 to 77.80): VU038144.D (-2513) (-)

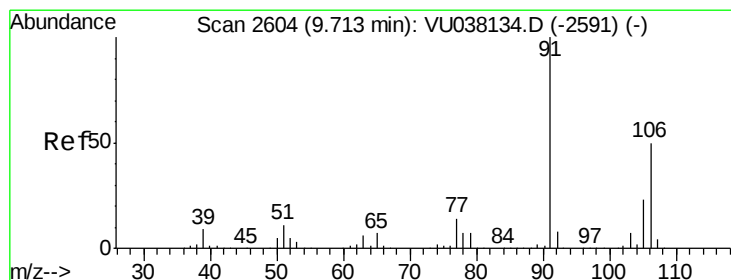
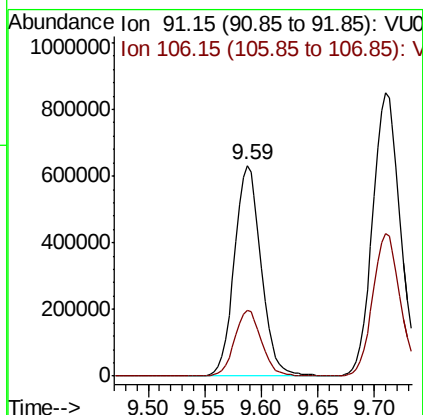
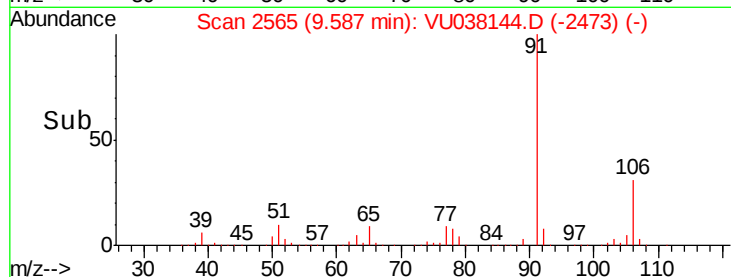
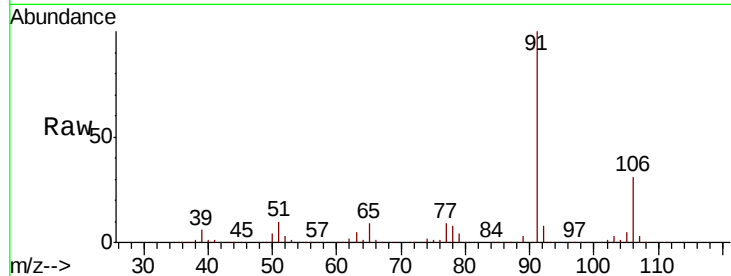




#52
Ethylbenzene
Concen: 8.118 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

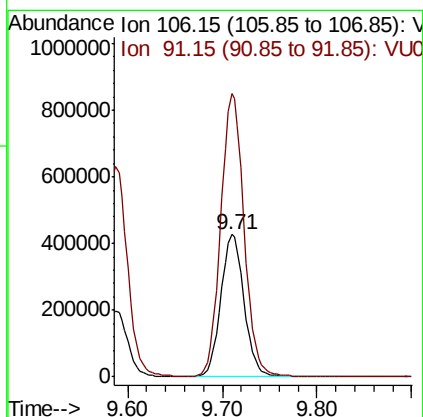
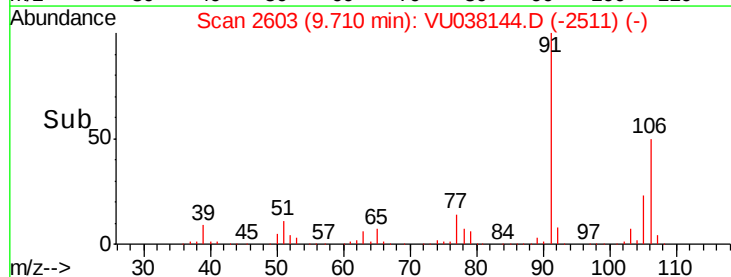
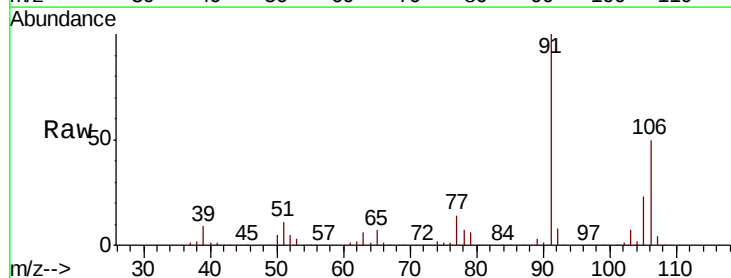
Instrument :
MSVOA_U
ClientSampled :

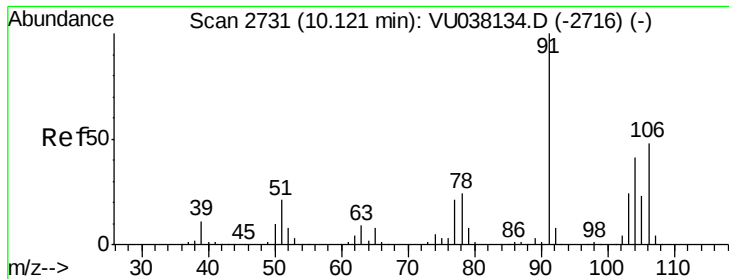
Tot Ion: 91 Resp: 1043250
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 14.822 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

Tgt Ion: 106 Resp: 730398
Ion Ratio Lower Upper
106 100
91 198.7 142.1 263.9

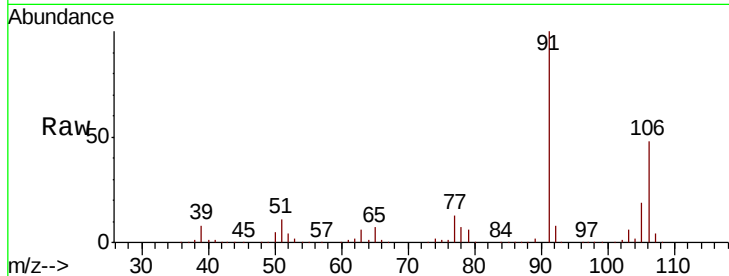




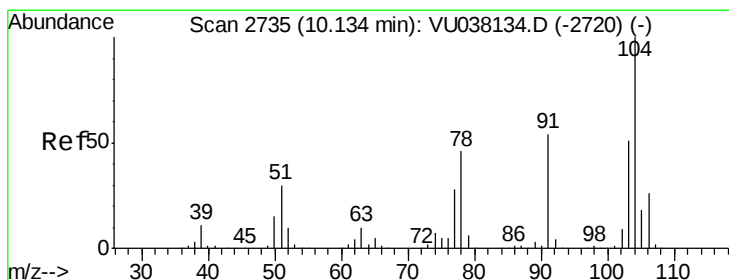
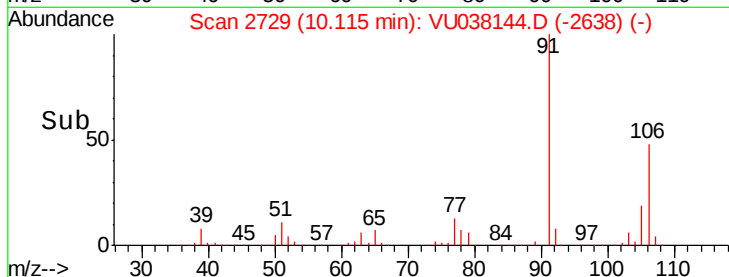
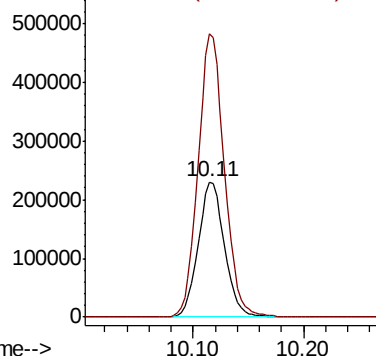
#54
o-Xylene
Concen: 7.971 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 379790
Ion Ratio Lower Upper
106 100
91 209.2 148.5 275.9

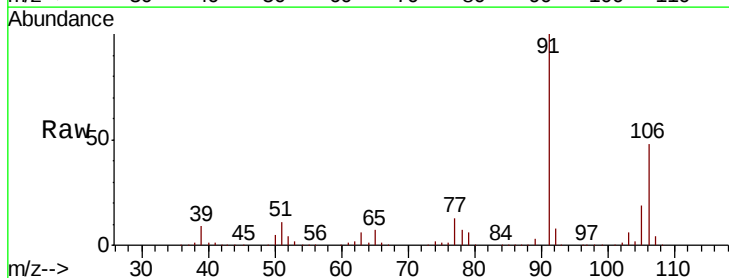


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

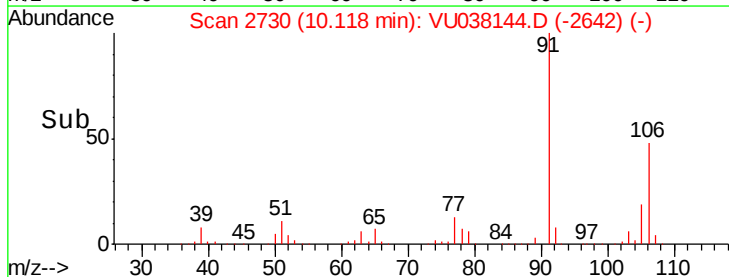
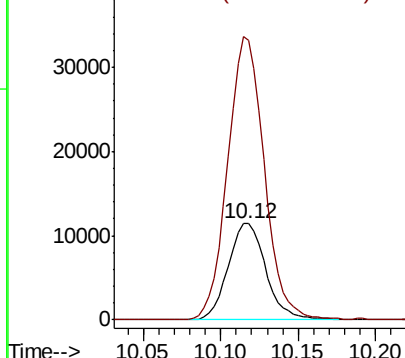


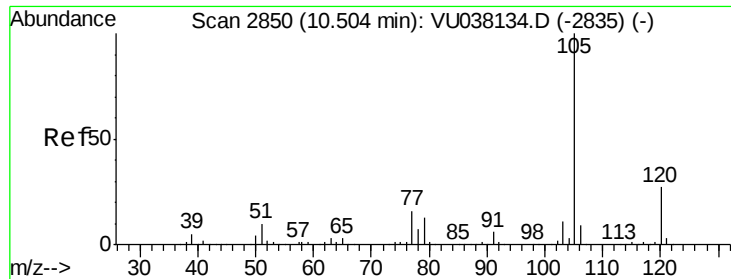
#55
Styrene
Concen: 0.241 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.02 min
Lab File: VU038144.D
Acq: 13 May 2020 15:30

Tgt Ion:104 Resp: 19296
Ion Ratio Lower Upper
104 100
78 289.9 32.3 59.9#



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





#56

Isopropylbenzene

Concen: 2.733 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

ClientSampled :

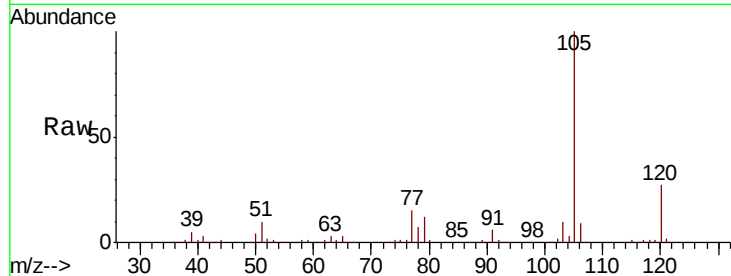
Tot Ion:105 Resp: 334445

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

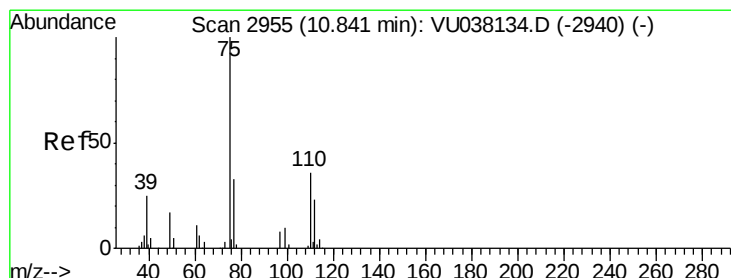
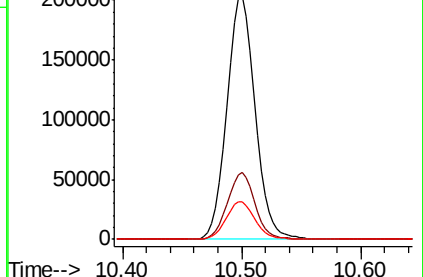
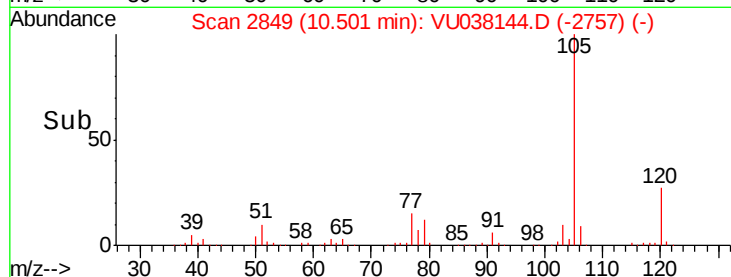
77 15.9 13.0 19.4



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): VU



#59

1,2,3-Trichloropropane

Concen: 0.370 ug/L

RT: 10.92 min Scan# 2979

Delta R.T. 0.08 min

Lab File: VU038144.D

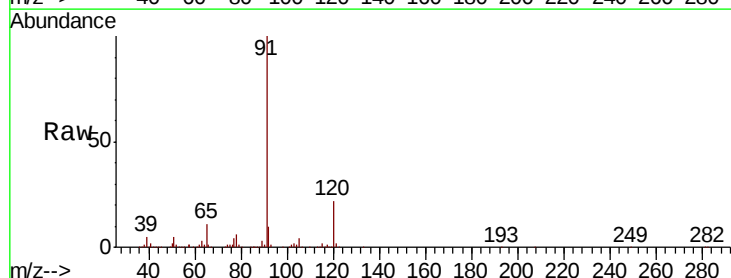
Acq: 13 May 2020 15:30

Tgt Ion: 75 Resp: 7588

Ion Ratio Lower Upper

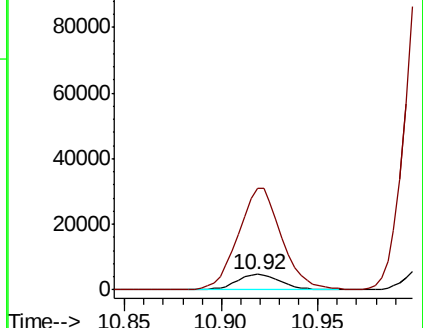
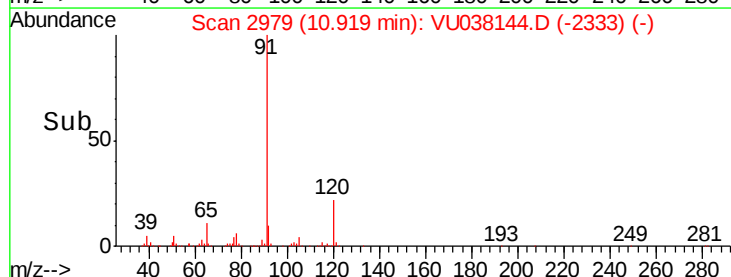
75 100

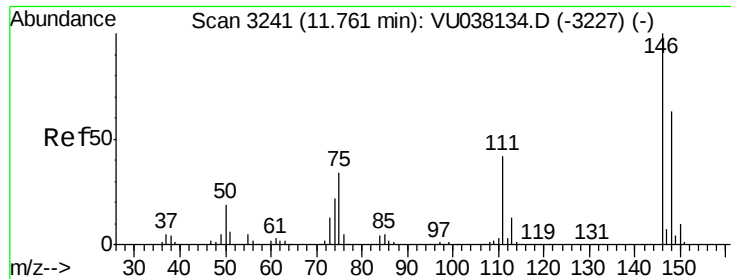
77 641.2 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

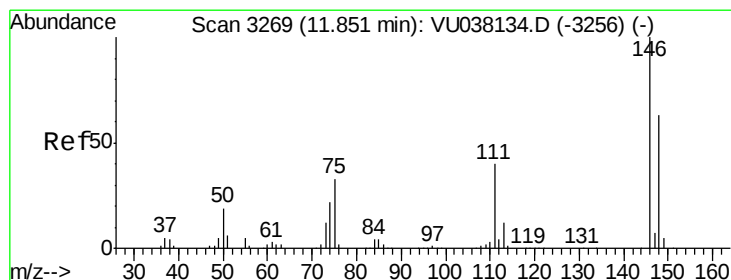
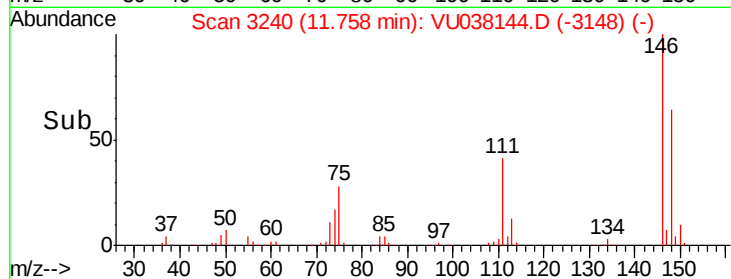
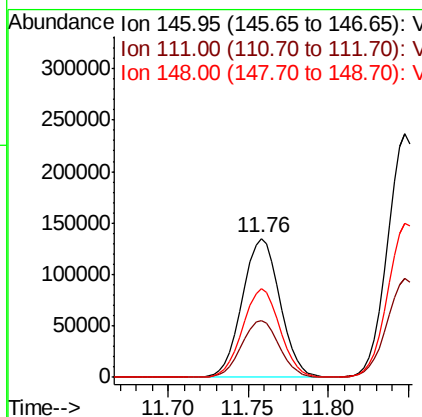
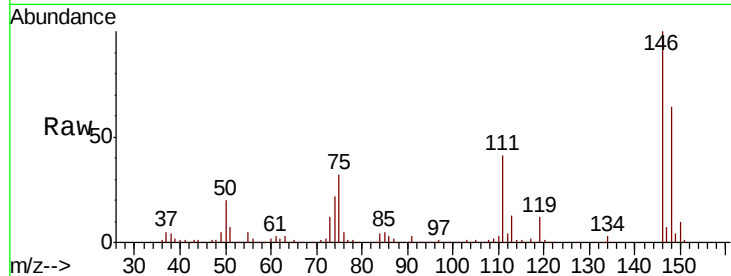




#62
 1,3-Dichlorobenzene
 Concen: 3.676 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: VU038144.D
 Acq: 13 May 2020 15:30

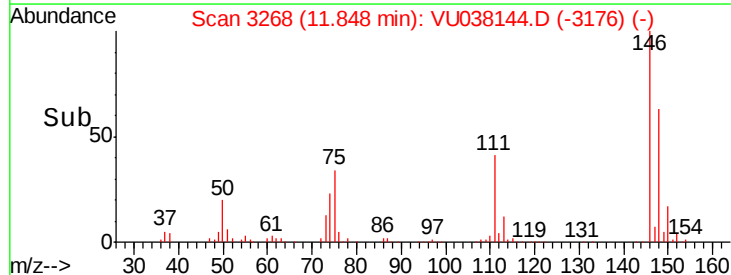
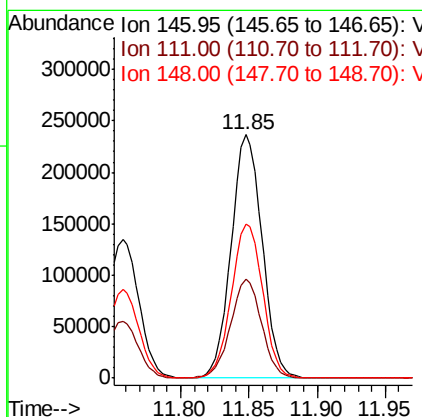
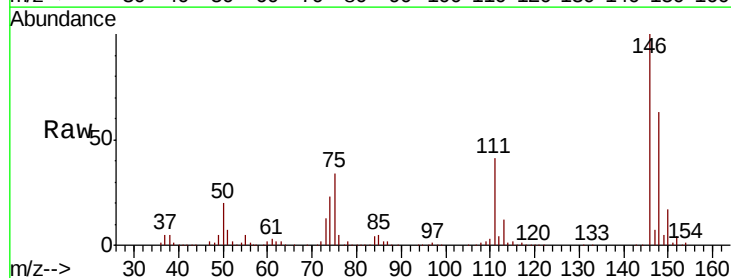
Instrument :
 MSVOA_U
 ClientSampleId :

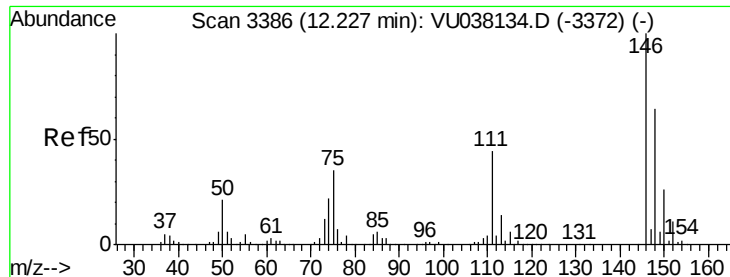
Tot Ion:146 Resp: 216171
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.6 53.2
 148 63.6 45.2 84.0



#63
 1,4-Dichlorobenzene
 Concen: 6.266 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038144.D
 Acq: 13 May 2020 15:30

Tgt Ion:146 Resp: 373381
 Ion Ratio Lower Upper
 146 100
 111 40.5 27.2 50.6
 148 63.5 43.8 81.3





#65

1,2-Dichlorobenzene

Concen: 2.293 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

ClientSampled :

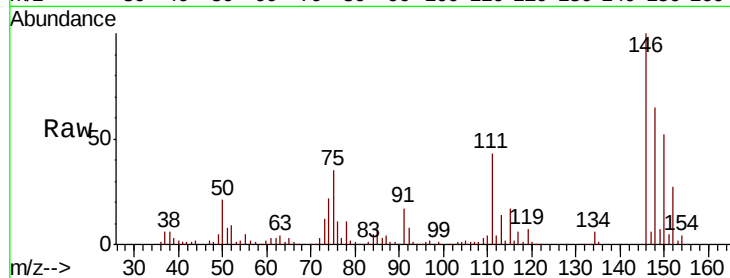
Tot Ion:146 Resp: 129759

Ion Ratio Lower Upper

146 100

111 42.6 35.3 52.9

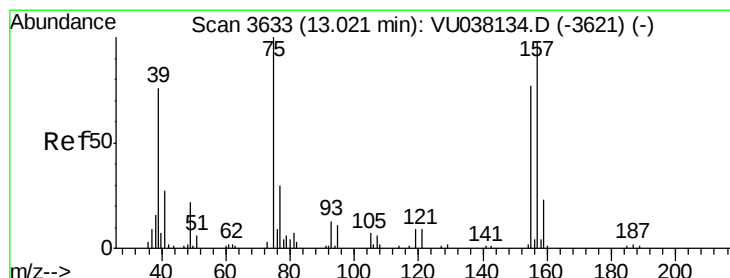
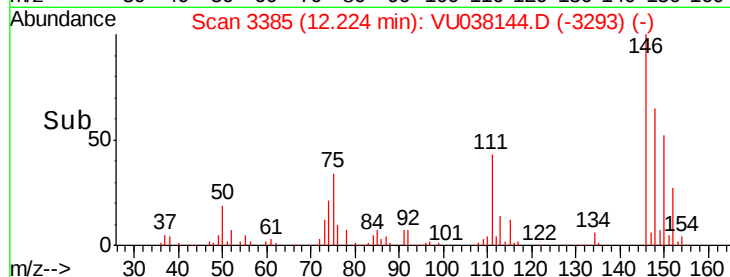
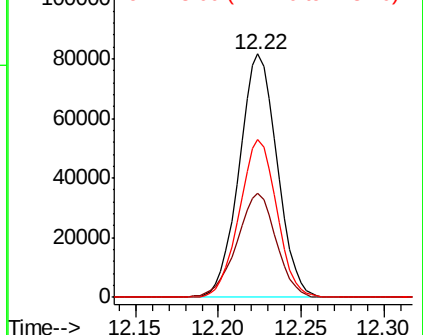
148 65.0 51.0 76.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.407 ug/L

RT: 13.04 min Scan# 3640

Delta R.T. 0.02 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

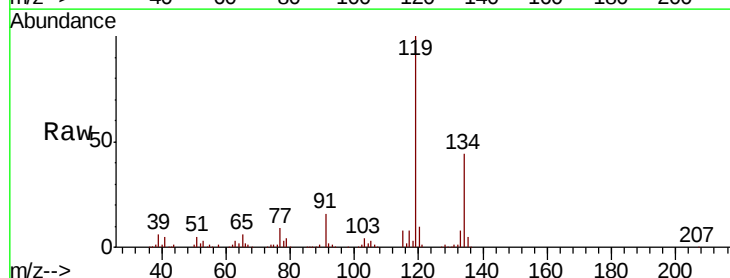
Tgt Ion: 75 Resp: 1882

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

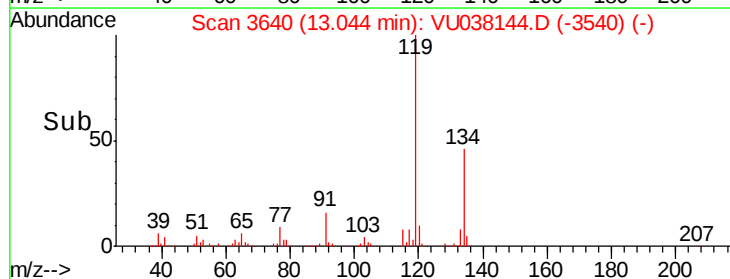
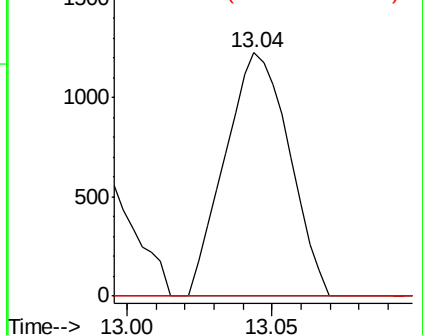
157 0.0 72.9 109.3#

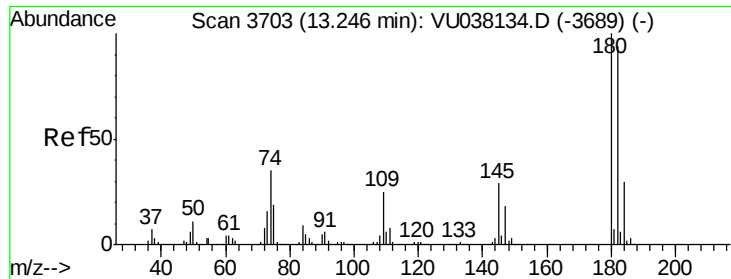


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

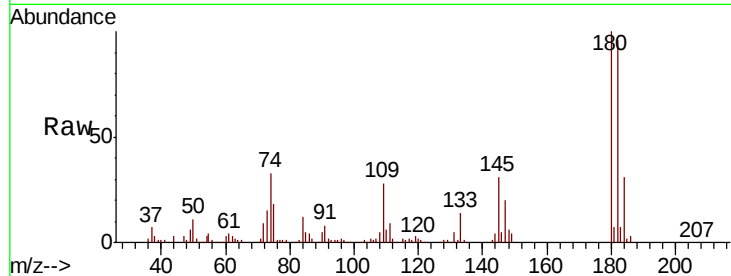




#67
 1,3,5-Trichlorobenzene
 Concen: 2.292 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.62 min
 Lab File: VU038144.D
 Acq: 13 May 2020 15:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.4	116.2
184	30.4	24.2	36.2
145	31.1	24.0	36.0



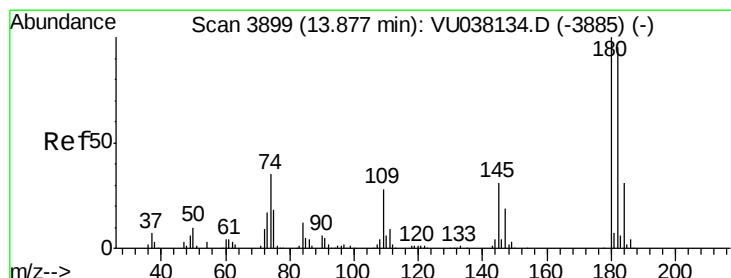
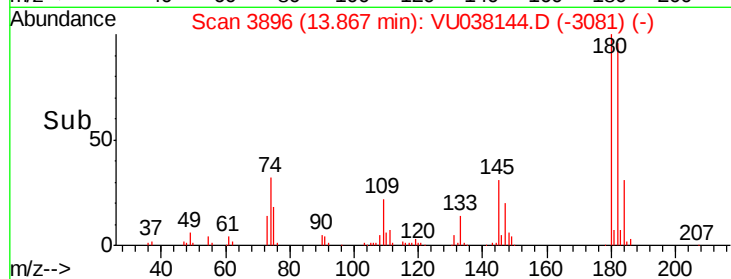
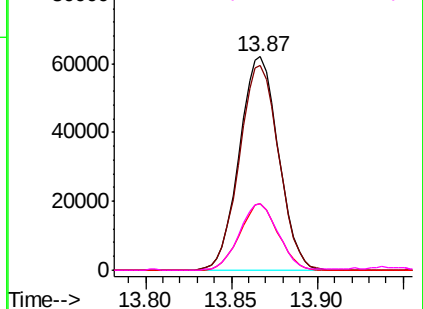
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

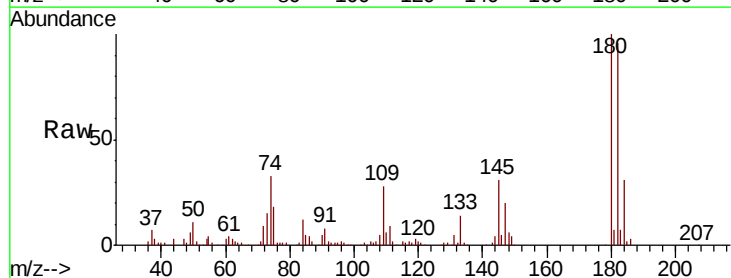
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 2.527 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. -0.01 min
 Lab File: VU038144.D
 Acq: 13 May 2020 15:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.0	112.6
145	31.1	24.8	37.2

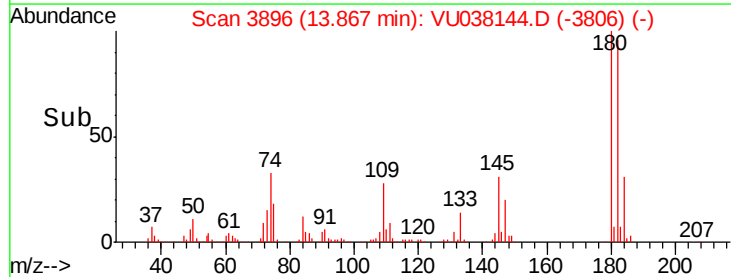
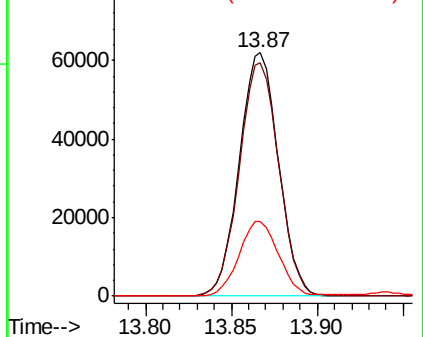


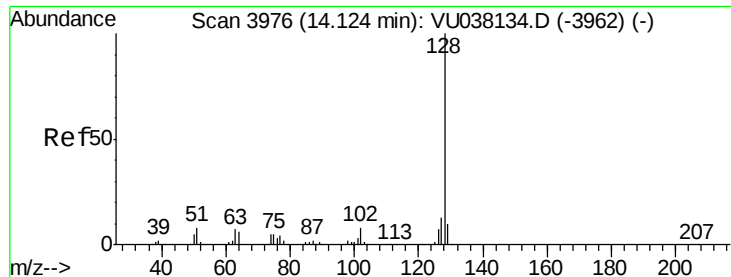
Abundance

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: 8.505 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

Instrument :

MSVOA_U

ClientSampled :

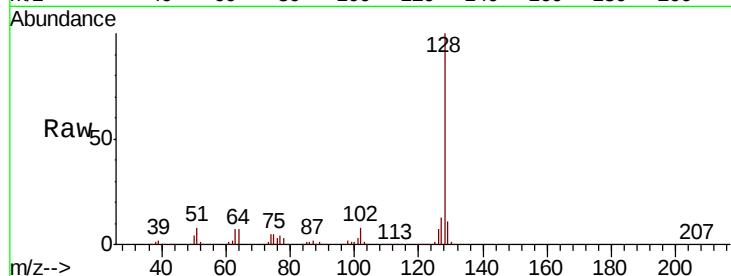
Tot Ion:128 Resp: 693008

Ion Ratio Lower Upper

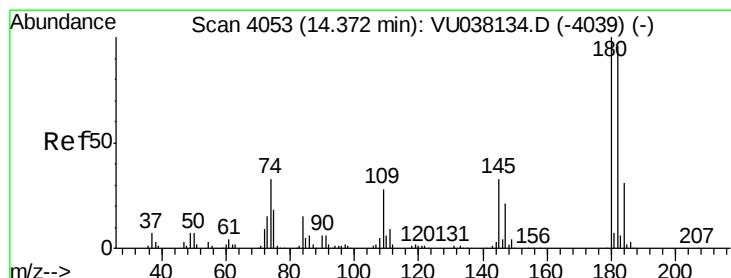
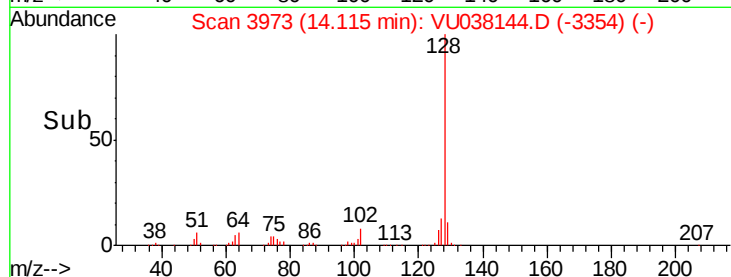
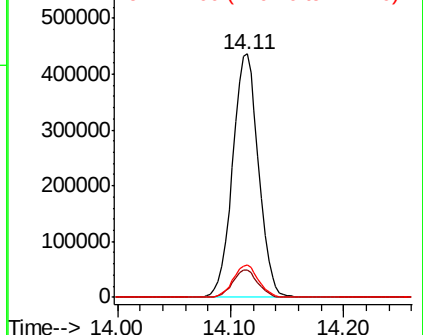
128 100

129 11.0 8.7 13.1

127 13.1 10.2 15.4



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



#70

1,2,3-Trichlorobenzene

Concen: 0.703 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.01 min

Lab File: VU038144.D

Acq: 13 May 2020 15:30

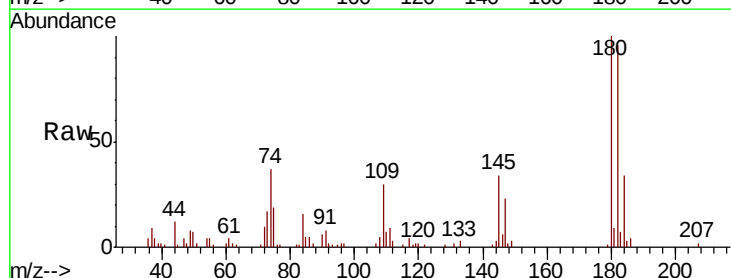
Tgt Ion:180 Resp: 25294

Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 38.3 26.1 39.1



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

