

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040319.D
 Acq On : 25 Sep 2020 22:53
 Operator : SY/MD
 Sample : L4139-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG493

Quant Time: Sep 26 06:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152128	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	147335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	69573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36469	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	36922	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.57	63	55499	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	4.73	46	158984	47.85	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.70%
24) Chloroform-d	5.08	84	85629	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.73	65	53357	4.45	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.74	84	169499	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	56993	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	150012	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.19	79	21709	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.65	63	139197	56.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.84%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	50253	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	55376	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	1129	0.078	ug/L	87
5) Vinyl chloride	1.60	62	3308	0.226	ug/L #	1
8) Chloroethane	1.94	64	126137	14.323	ug/L	97
13) Acetone	2.76	43	8930	2.904	ug/L	51
14) Carbon disulfide	2.88	76	23532	0.623	ug/L	99
15) Methyl Acetate	3.09	43	93297	12.087	ug/L #	55
16) Methylene chloride	3.06	84	4153	0.269	ug/L	95
17) Methyl tert-butyl Ether	3.40	73	2813	0.079	ug/L #	1
18) trans-1,2-Dichloroethene	3.36	96	4770	0.377	ug/L	92
19) 1,1-Dichloroethane	3.88	63	8857	0.340	ug/L	94
21) 2-Butanone	4.61	43	7065	1.407	ug/L #	57
22) cis-1,2-Dichloroethene	4.69	96	4285	0.315	ug/L	97
25) Chloroform	5.13	83	3596	0.135	ug/L #	39
27) 1,2-Dichloroethane	5.80	62	421523	21.552	ug/L #	78
30) Cyclohexane	5.39	56	170029	7.579	ug/L	97
35) Methylcyclohexane	6.77	83	135741	6.270	ug/L	90
37) 1,2-Dichloropropane	6.76	63	1664	0.117	ug/L #	1

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

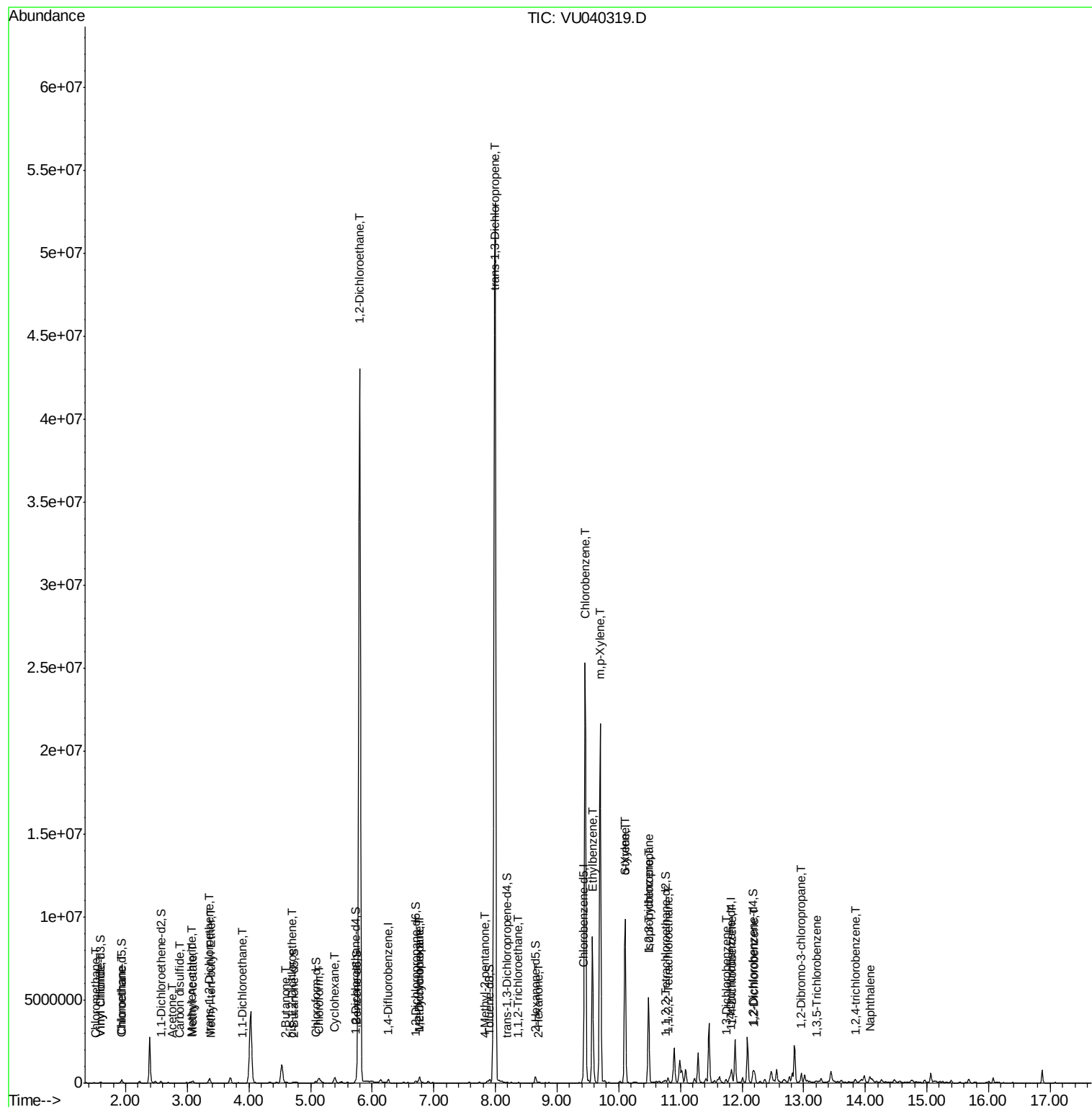
40) 4-Methyl-2-pentanone	7.82	43	20012	1.709	ug/L #	90
44) trans-1,3-Dichloropropene	7.99	75	372814	19.115	ug/L #	1
45) 1,1,2-Trichloroethane	8.37	97	7003	0.674	ug/L #	21
48) 2-Hexanone	8.70	43	6704	0.785	ug/L #	18
51) Chlorobenzene	9.46	112	11872108	352.280	ug/L	97
52) Ethylbenzene	9.57	91	5885371	95.427	ug/L	99
53) m,p-Xylene	9.70	106	5649825	257.298	ug/L	98
54) o-Xylene	10.10	106	2390051	114.222	ug/L	99
55) Styrene	10.10	104	124427	3.419	ug/L #	1
56) Isopropylbenzene	10.48	105	3122143	54.710	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.79	83	3912	0.293	ug/L #	44
59) 1,2,3-Trichloropropane	10.48	75	43781	4.141	ug/L #	1
62) 1,3-Dichlorobenzene	11.74	146	57144	2.247	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	285176	11.083	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	165464	6.725	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.96	75	2739	1.041	ug/L #	8
67) 1,3,5-Trichlorobenzene	13.21	180	991	0.055	ug/L #	92
68) 1,2,4-trichlorobenzene	13.83	180	733	0.048	ug/L #	1
69) Naphthalene	14.07	128	261795	8.155	ug/L	98

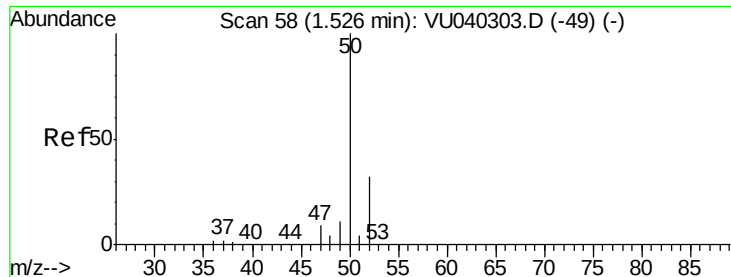
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.078 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.01 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

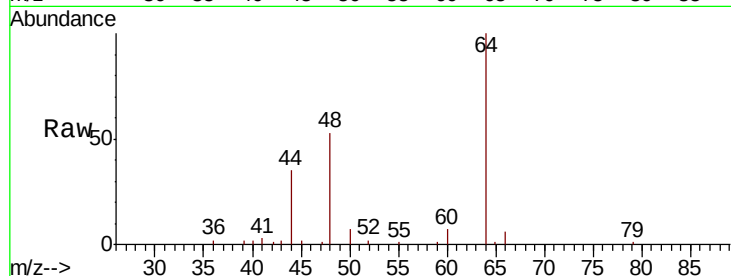
BG493

Tot Ion: 50 Resp: 1129

Ion Ratio Lower Upper

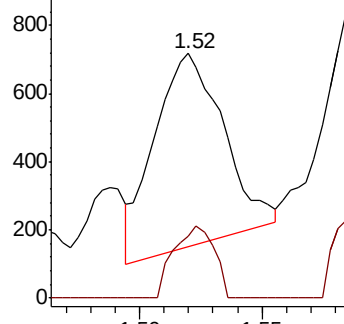
50 100

52 25.5 22.8 42.4

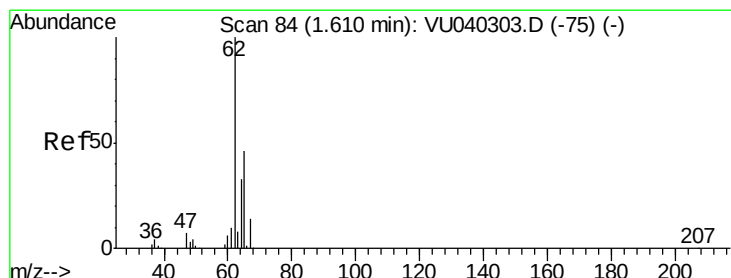
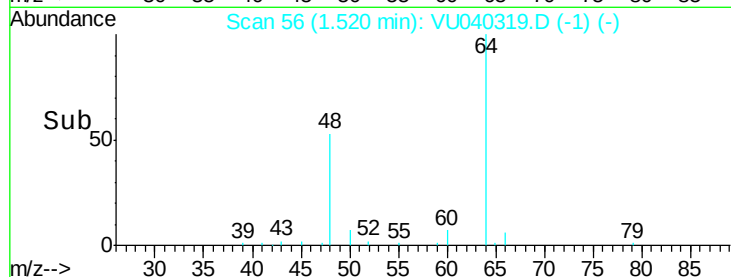


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#5

Vinyl chloride

Concen: 0.226 ug/L

RT: 1.60 min Scan# 82

Delta R.T. -0.01 min

Lab File: VU040319.D

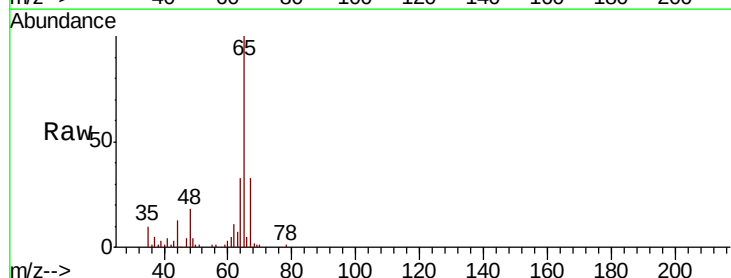
Acq: 25 Sep 2020 22:53

Tgt Ion: 62 Resp: 3308

Ion Ratio Lower Upper

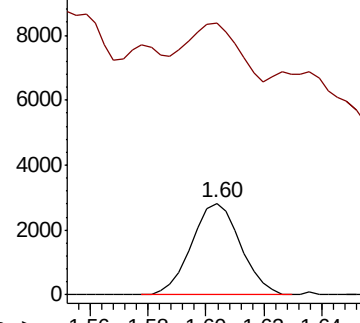
62 100

64 295.5 23.9 44.3#

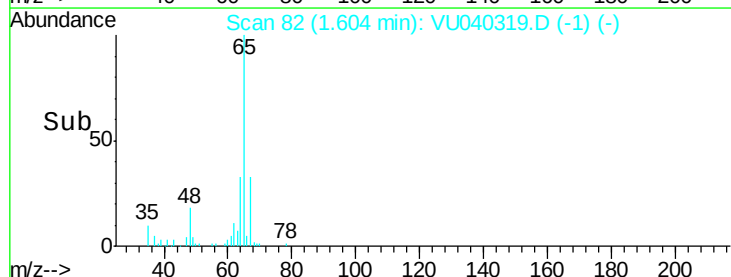


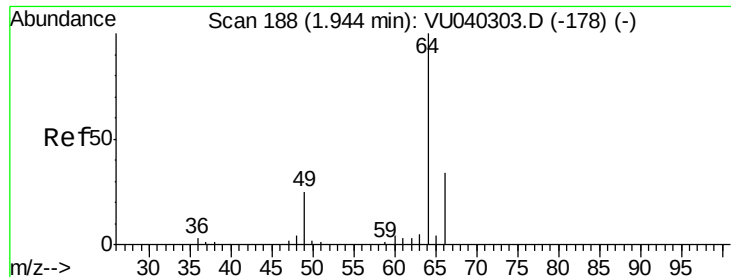
Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



Time-->





#8

Chloroethane

Concen: 14.323 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

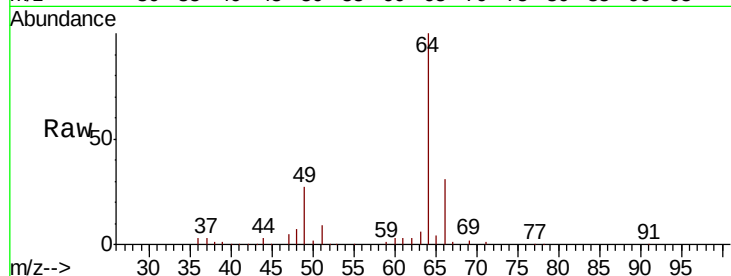
BG493

Tot Ion: 64 Resp: 126137

Ion Ratio Lower Upper

64 100

66 30.7 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

100000

80000

60000

40000

20000

0

1.85

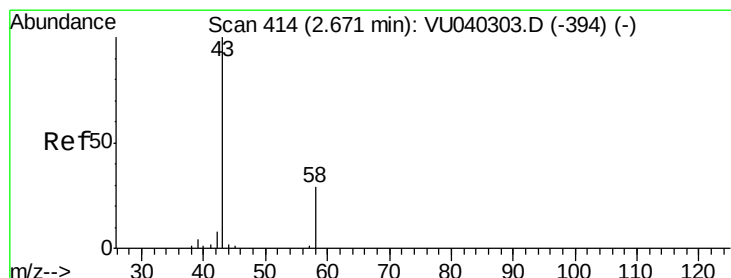
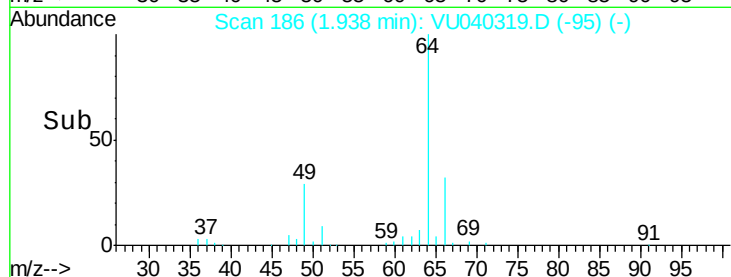
1.90

1.94

1.95

2.00

Time-->



#13

Acetone

Concen: 2.904 ug/L

RT: 2.76 min Scan# 442

Delta R.T. 0.09 min

Lab File: VU040319.D

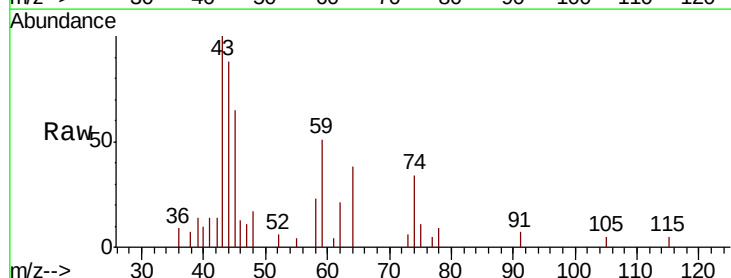
Acq: 25 Sep 2020 22:53

Tgt Ion: 43 Resp: 8930

Ion Ratio Lower Upper

43 100

58 1.8 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2500

2000

1500

1000

500

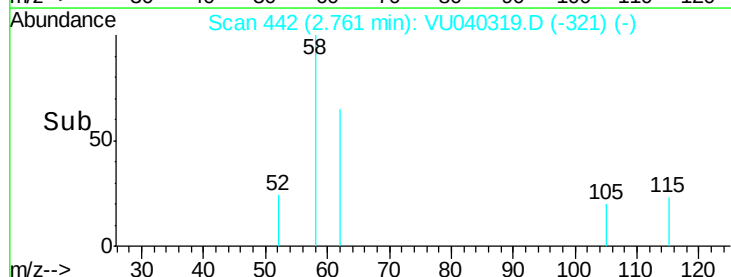
0

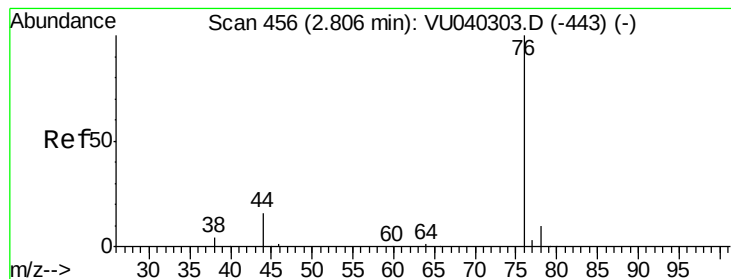
2.70

2.76

2.80

Time-->





#14

Carbon disulfide

Concen: 0.623 ug/L

RT: 2.88 min Scan# 480

Delta R.T. 0.08 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

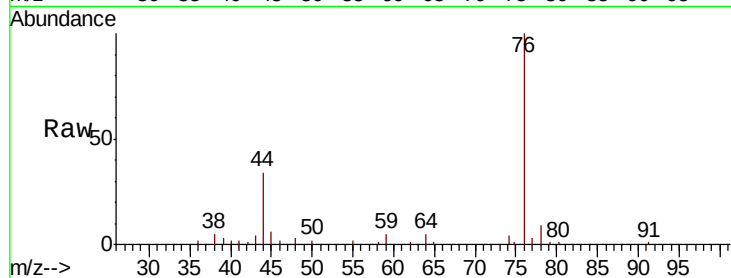
BG493

Tot Ion: 76 Resp: 23532

Ion Ratio Lower Upper

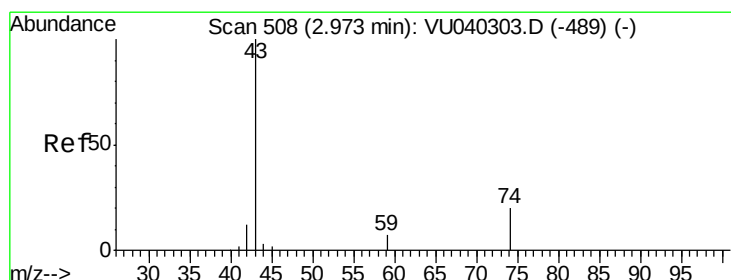
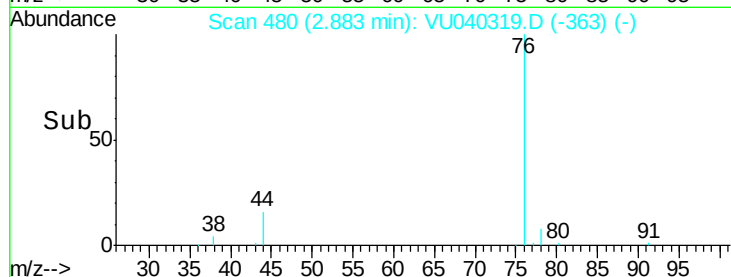
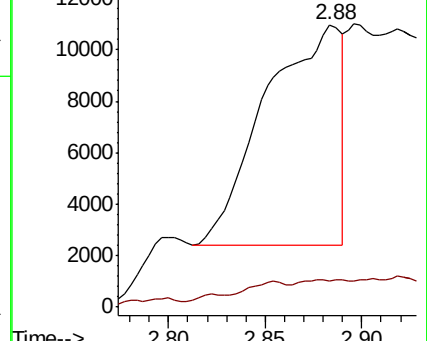
76 100

78 9.4 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#15

Methyl Acetate

Concen: 12.087 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.11 min

Lab File: VU040319.D

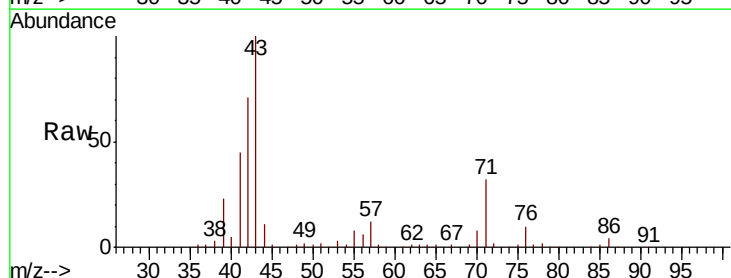
Acq: 25 Sep 2020 22:53

Tgt Ion: 43 Resp: 93297

Ion Ratio Lower Upper

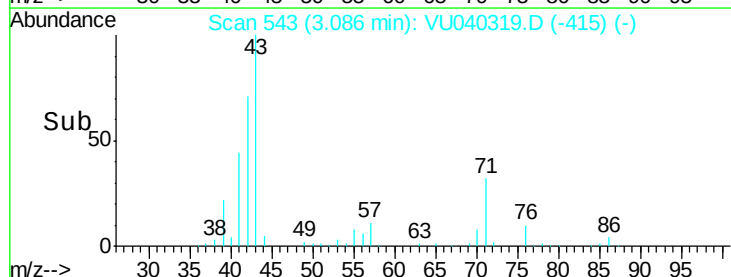
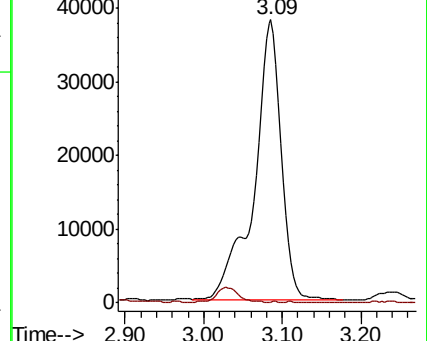
43 100

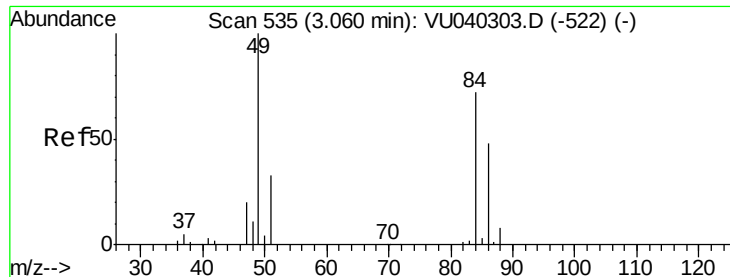
74 0.1 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

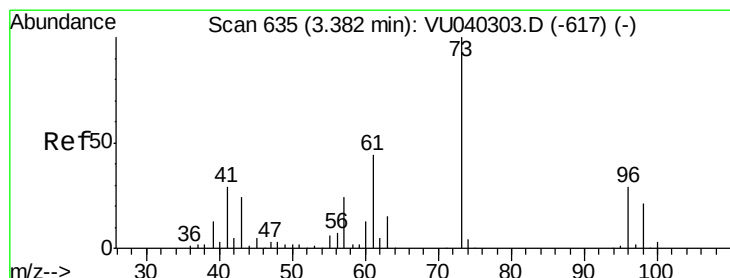
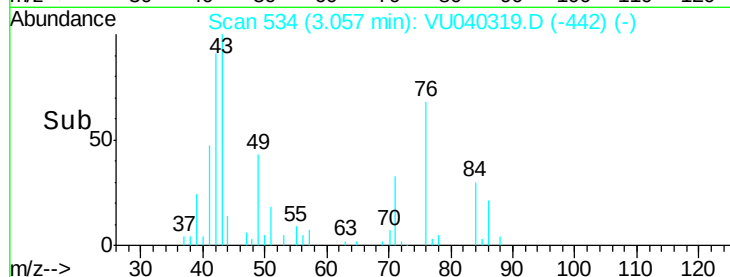
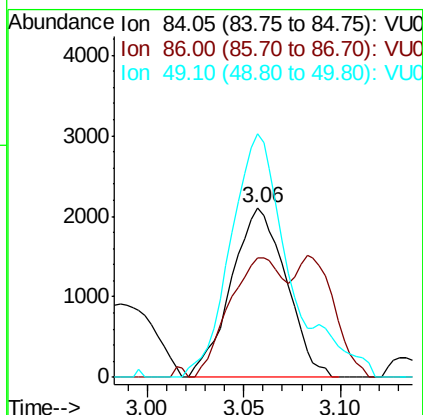
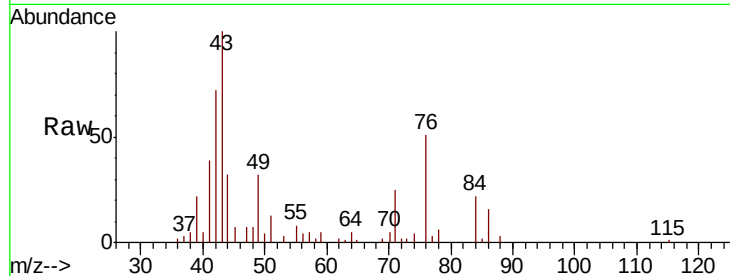




#16
Methylene chloride
Concen: 0.269 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

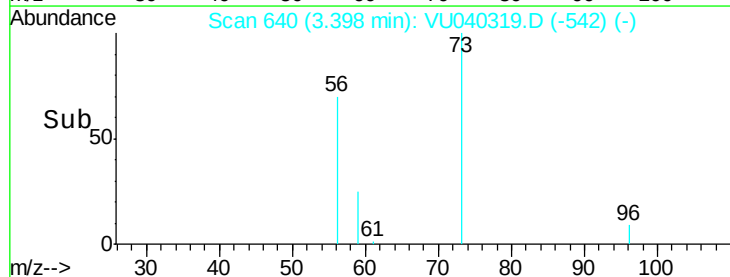
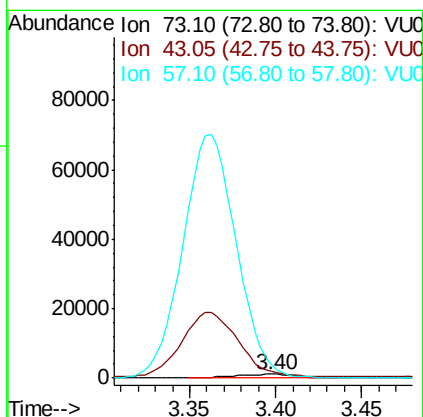
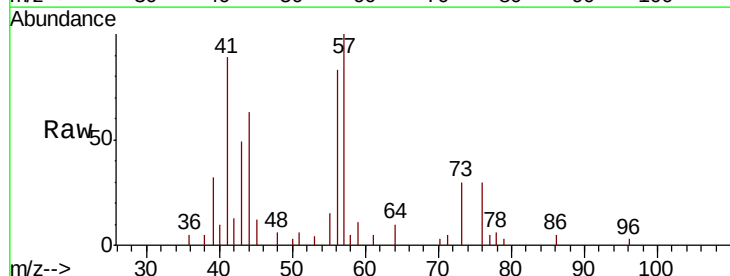
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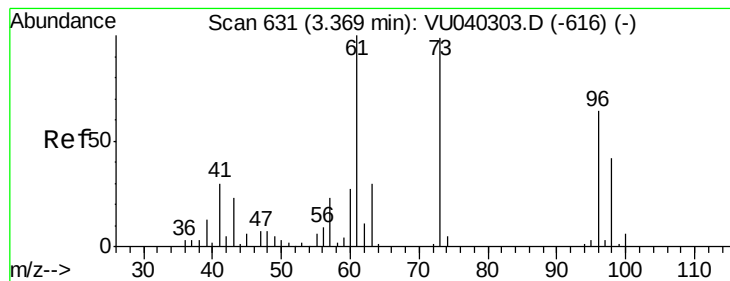
Tot Ion: 84 Resp: 4153
Ion Ratio Lower Upper
84 100
86 70.1 45.2 84.0
49 143.6 104.0 193.2



#17
Methyl tert-butyl Ether
Concen: 0.079 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.02 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

Tgt Ion: 73 Resp: 2813
Ion Ratio Lower Upper
73 100
43 1550.4 19.1 28.7#
57 5439.0 18.3 27.5#





#18

trans-1,2-Dichloroethene

Concen: 0.377 ug/L

RT: 3.36 min Scan# 629

Delta R.T. -0.01 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampled :

BG493

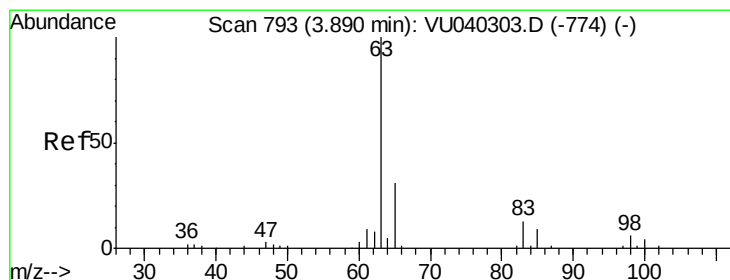
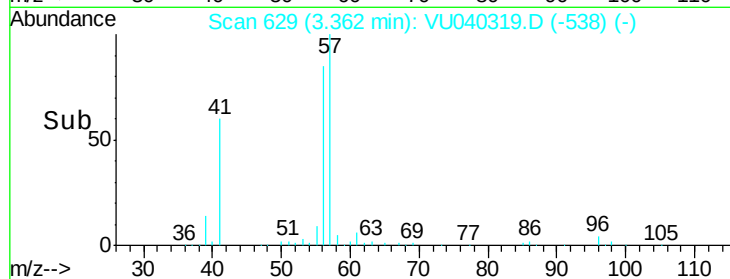
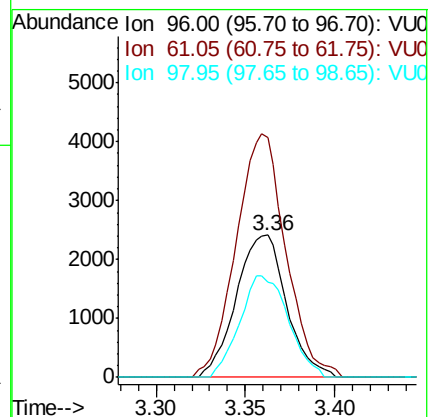
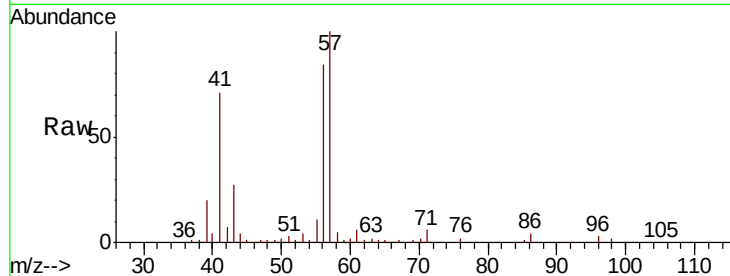
Tot Ion: 96 Resp: 4770

Ion Ratio Lower Upper

96 100

61 168.8 110.5 205.3

98 66.9 43.2 80.2



#19

1,1-Dichloroethane

Concen: 0.340 ug/L

RT: 3.88 min Scan# 790

Delta R.T. -0.01 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

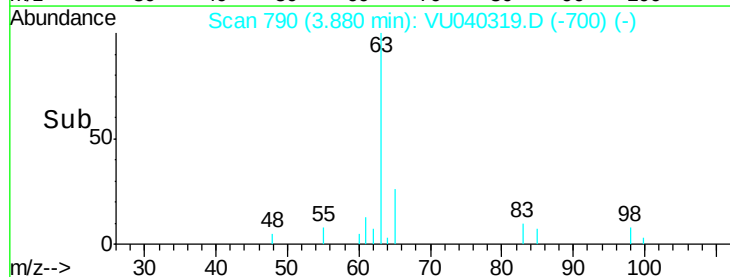
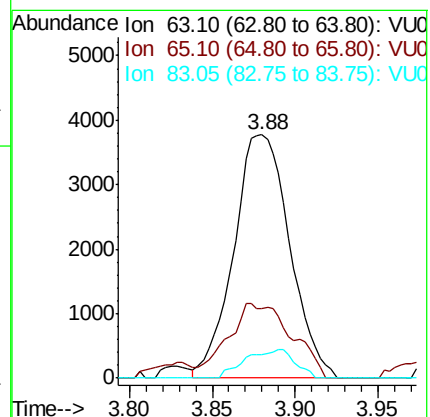
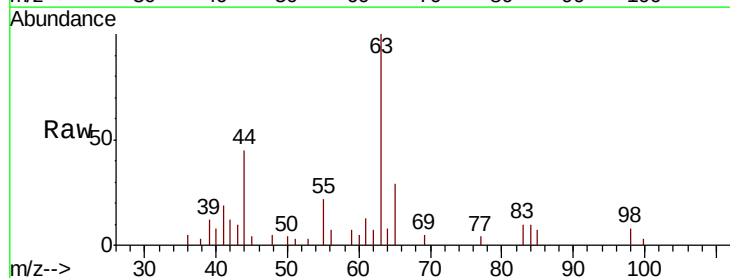
Tgt Ion: 63 Resp: 8857

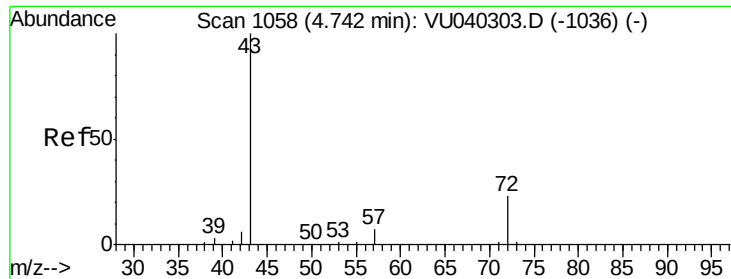
Ion Ratio Lower Upper

63 100

65 28.7 22.2 41.2

83 9.8 9.4 17.6





#21

2-Butanone

Concen: 1.407 ug/L

RT: 4.61 min Scan# 1017

Delta R.T. -0.13 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

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ClientSampleId :

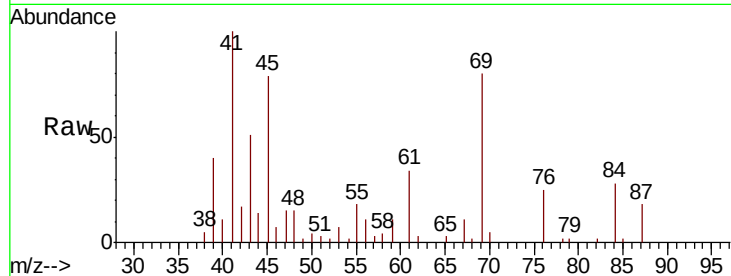
BG493

Tot Ion: 43 Resp: 7065

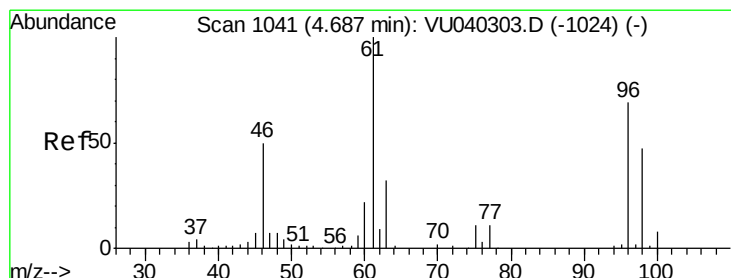
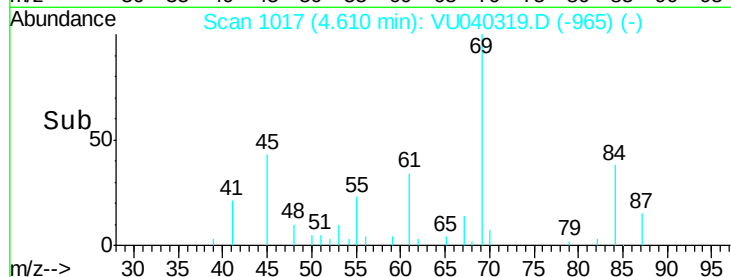
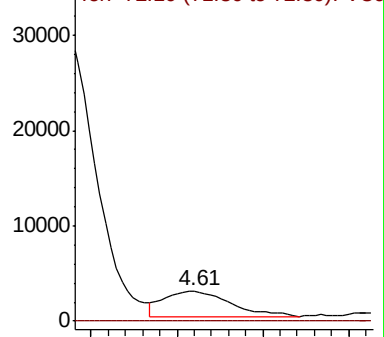
Ion Ratio Lower Upper

43 100

72 2.5 11.7 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040319.D (-965) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.315 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

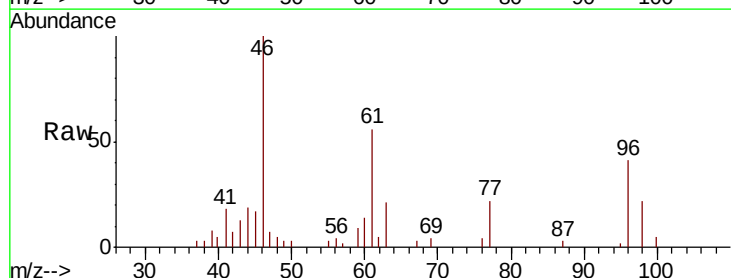
Tgt Ion: 96 Resp: 4285

Ion Ratio Lower Upper

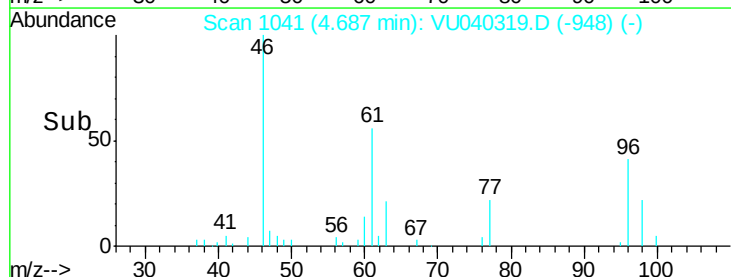
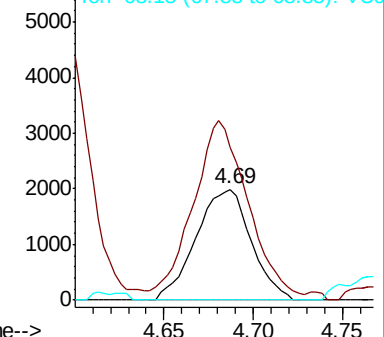
96 100

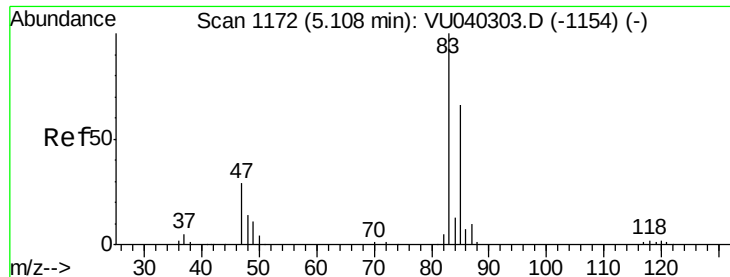
61 137.9 98.8 183.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040319.D (-948) (-)





#25

Chloroform

Concen: 0.135 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.02 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

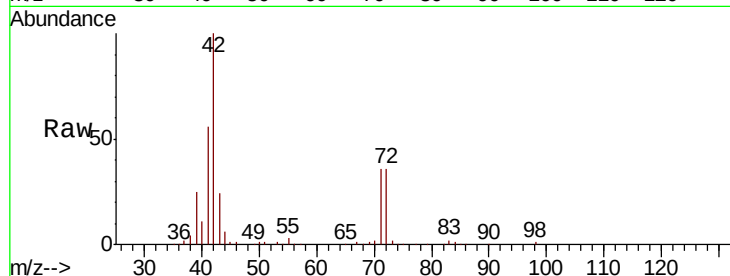
BG493

Tot Ion: 83 Resp: 3596

Ion Ratio Lower Upper

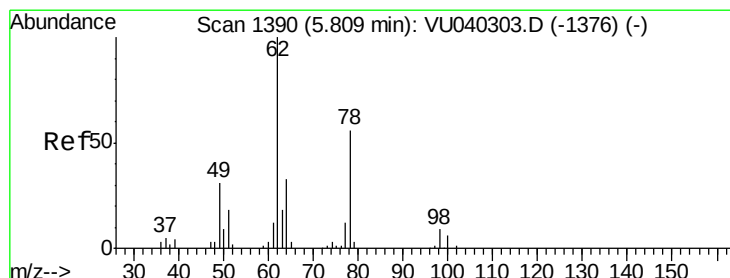
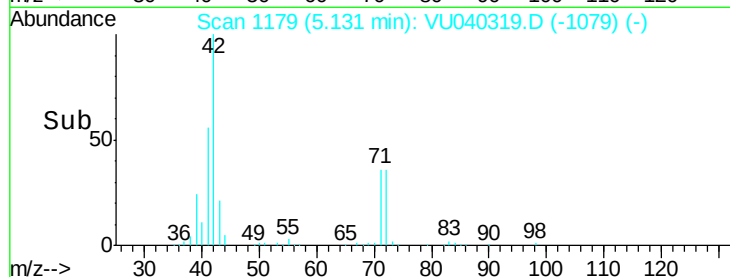
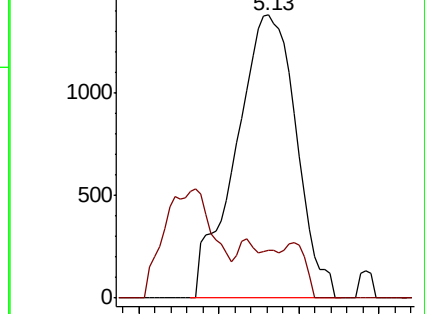
83 100

85 17.1 45.3 84.1#



Abundance Ion 83.05 (82.75 to 83.75): VU040319.D (-1179) (-)

Ion 85.00 (84.70 to 85.70): VU040319.D (-1179) (-)



#27

1,2-Dichloroethane

Concen: 21.552 ug/L

RT: 5.80 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VU040319.D

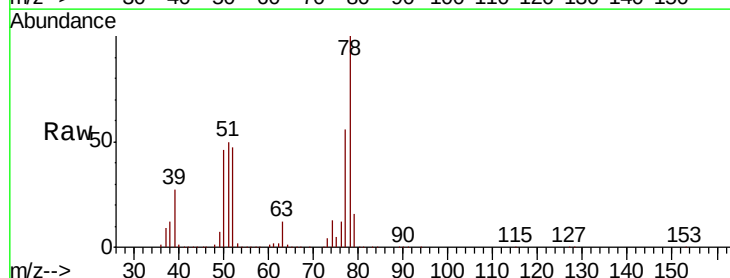
Acq: 25 Sep 2020 22:53

Tgt Ion: 62 Resp: 421523

Ion Ratio Lower Upper

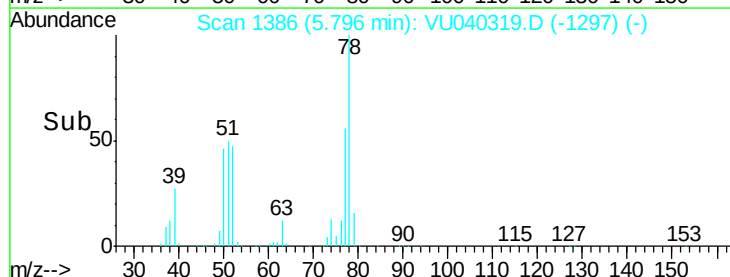
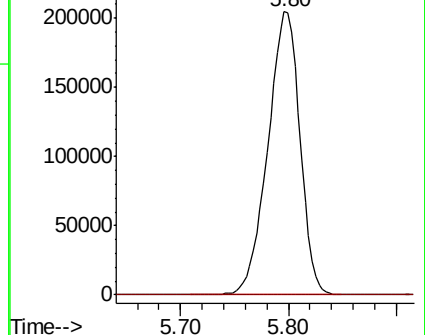
62 100

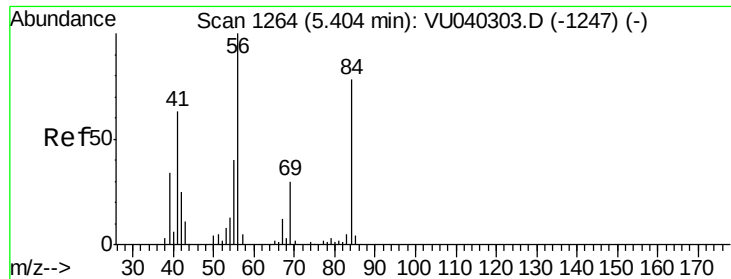
98 0.0 6.1 9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU040319.D (-1386) (-)

Ion 98.05 (97.75 to 98.75): VU040319.D (-1386) (-)

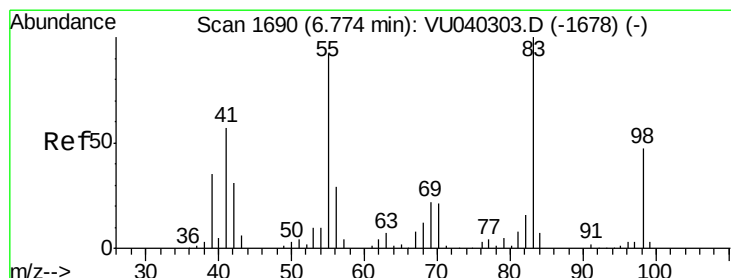
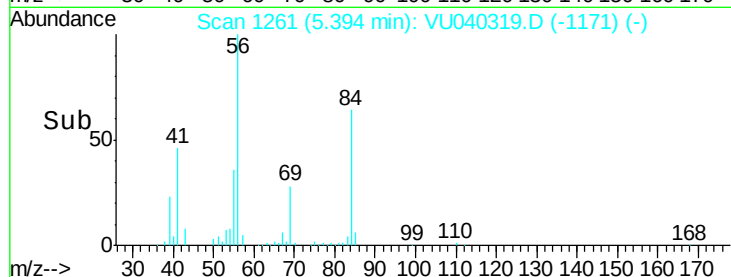
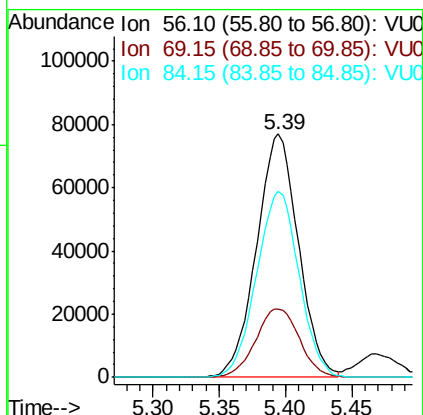
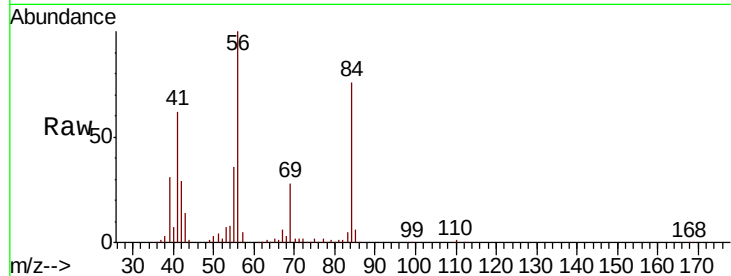




#30
Cyclohexane
Concen: 7.579 ug/L
RT: 5.39 min Scan# 1261
Delta R.T. -0.01 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

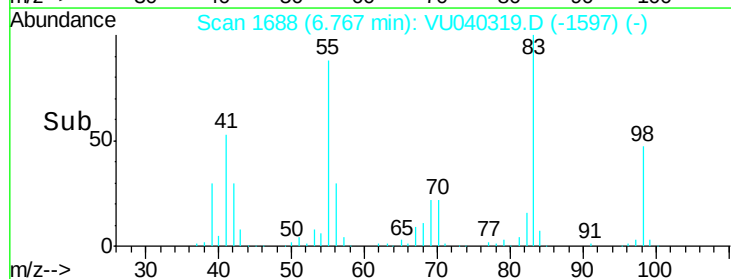
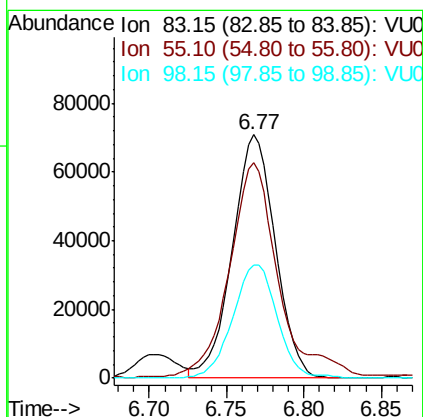
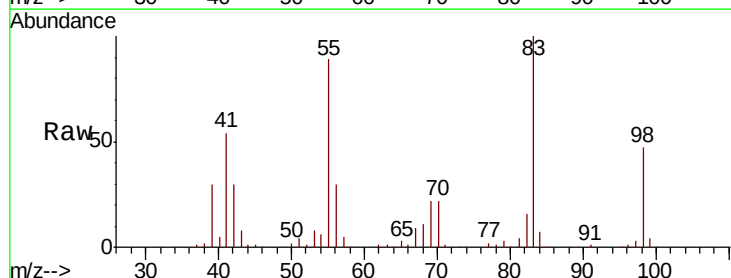
Instrument :
MSVOA_U
ClientSampled :
BG493

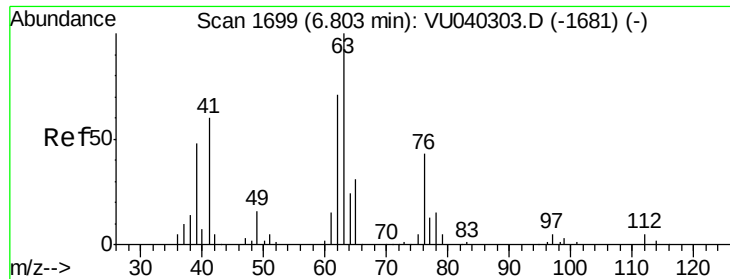
Tot Ion: 56 Resp: 170029
Ion Ratio Lower Upper
56 100
69 29.6 24.1 36.1
84 77.6 65.0 97.4



#35
Methylcyclohexane
Concen: 6.270 ug/L
RT: 6.77 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

Tgt Ion: 83 Resp: 135741
Ion Ratio Lower Upper
83 100
55 101.0 70.5 105.7
98 48.9 37.8 56.6

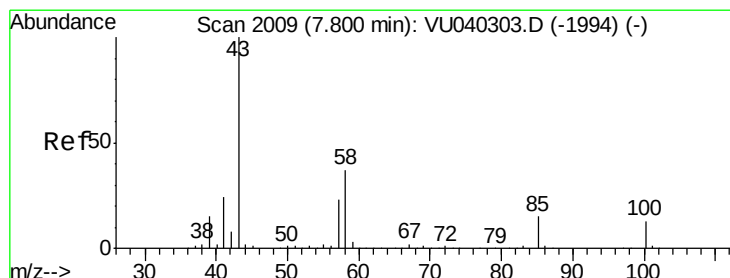
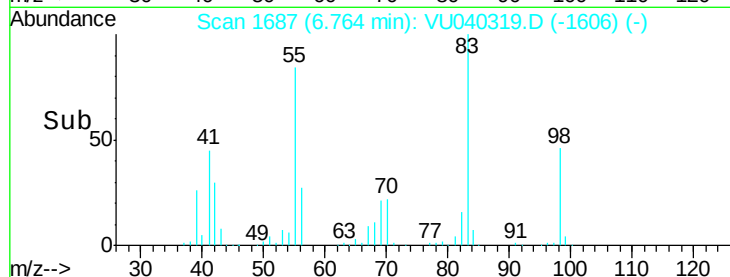
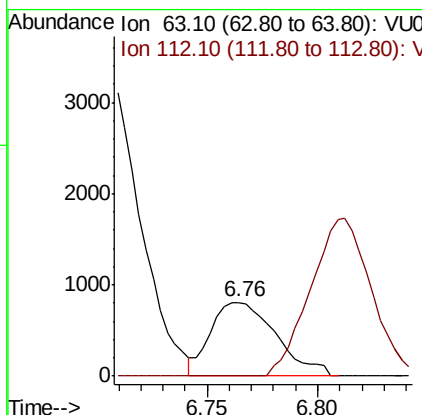
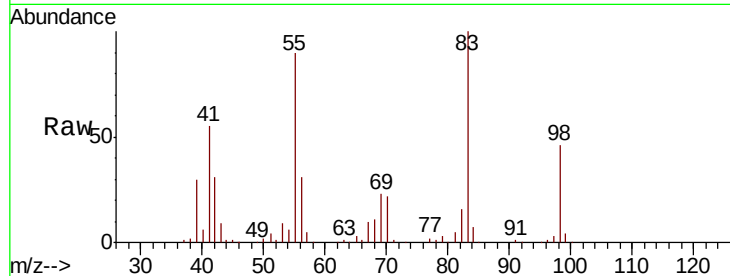




#37
 1,2-Dichloropropane
 Concen: 0.117 ug/L
 RT: 6.76 min Scan# 1687
 Delta R.T. -0.04 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

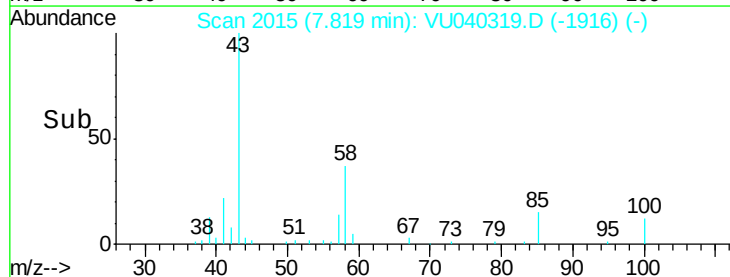
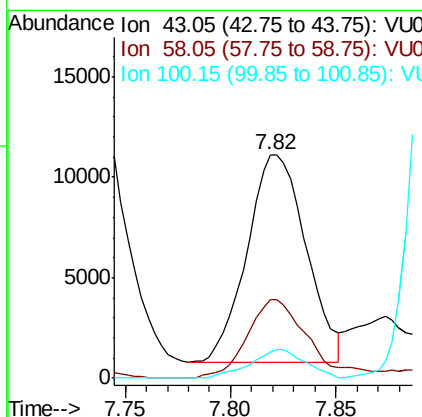
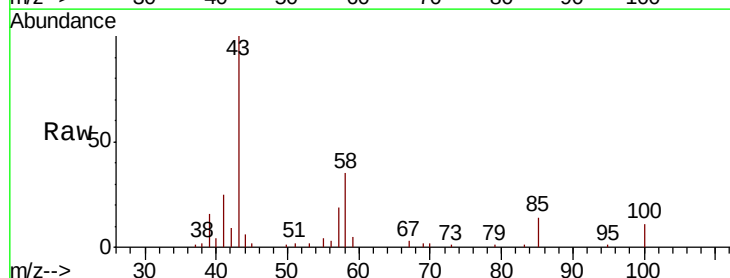
Instrument :
 MSVOA_U
 ClientSampled :
 BG493

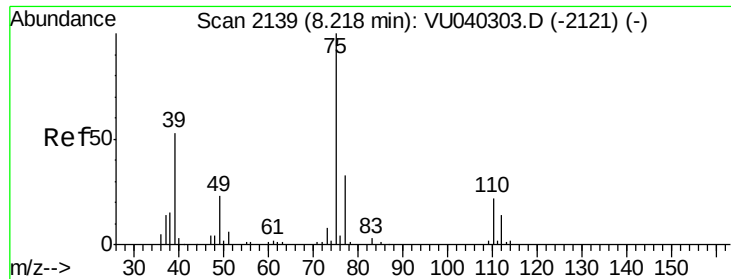
Tot Ion: 63 Resp: 1664
 Ion Ratio Lower Upper
 63 100
 112 196.5 3.2 4.8#



#40
 4-Methyl-2-pentanone
 Concen: 1.709 ug/L
 RT: 7.82 min Scan# 2015
 Delta R.T. 0.02 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

Tgt Ion: 43 Resp: 20012
 Ion Ratio Lower Upper
 43 100
 58 36.8 28.7 43.1
 100 0.0 10.2 15.2#





#44

trans-1,3-Dichloropropene

Concen: 19.115 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.23 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

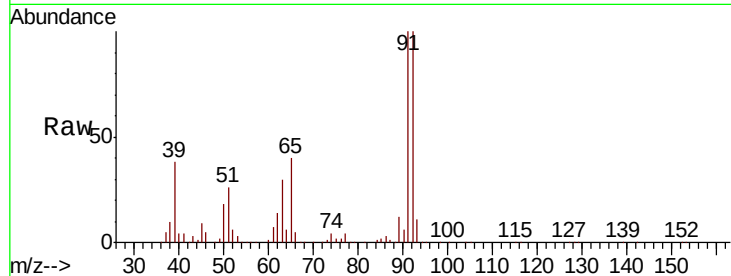
BG493

Tot Ion: 75 Resp: 372814

Ion Ratio Lower Upper

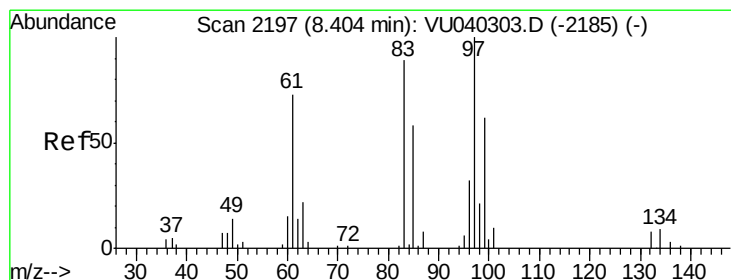
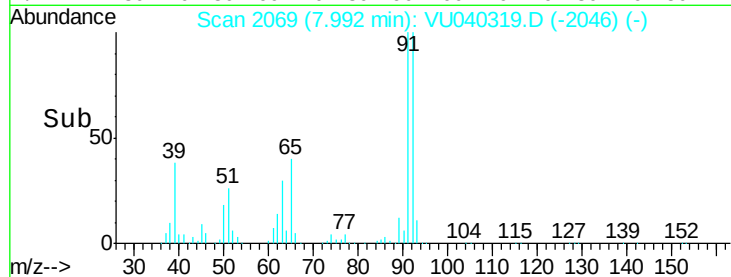
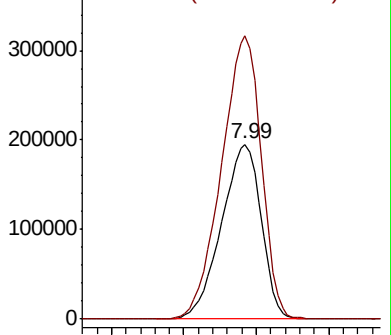
75 100

77 162.0 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#45

1,1,2-Trichloroethane

Concen: 0.674 ug/L

RT: 8.37 min Scan# 2187

Delta R.T. -0.03 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Tgt Ion: 97 Resp: 7003

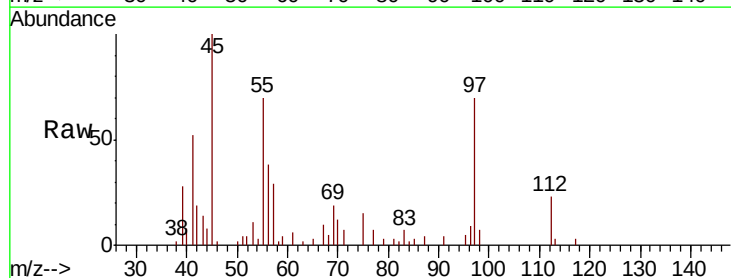
Ion Ratio Lower Upper

97 100

99 0.0 43.0 79.8#

83 10.4 61.7 114.7#

85 4.4 39.3 73.1#

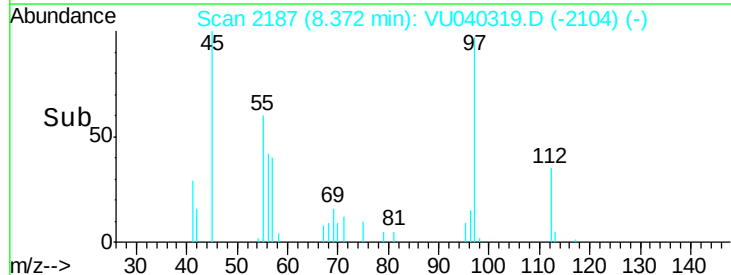
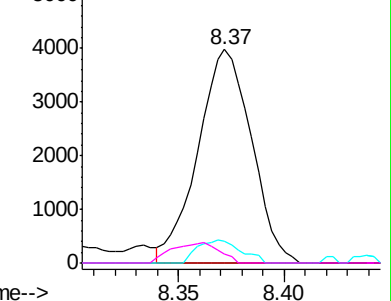


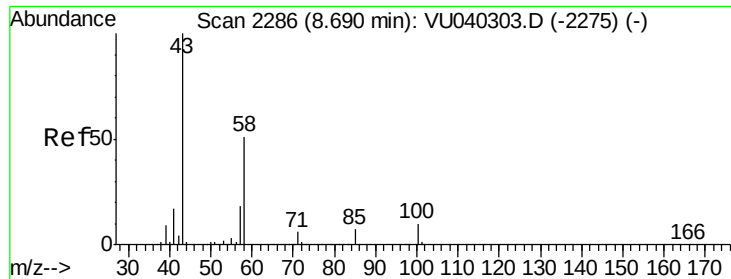
Abundance Ion 96.95 (96.65 to 97.65): VU0

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

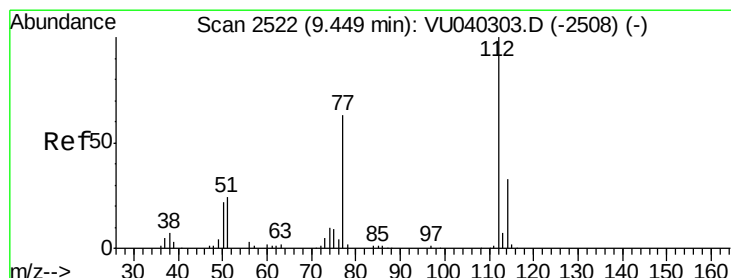
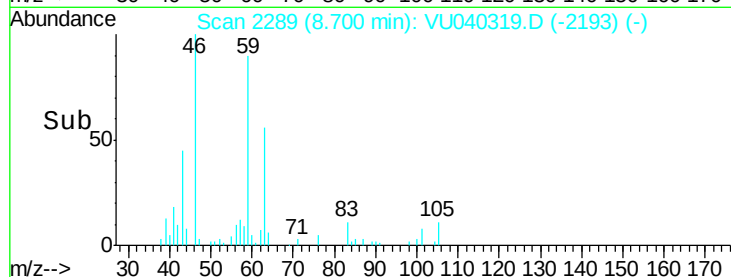
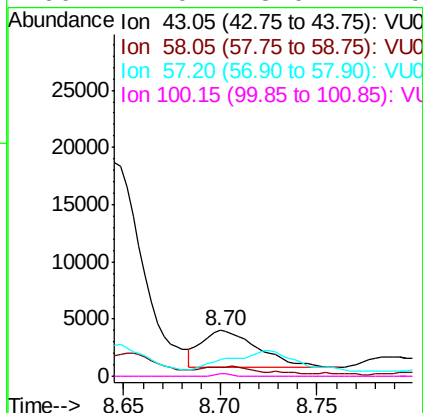
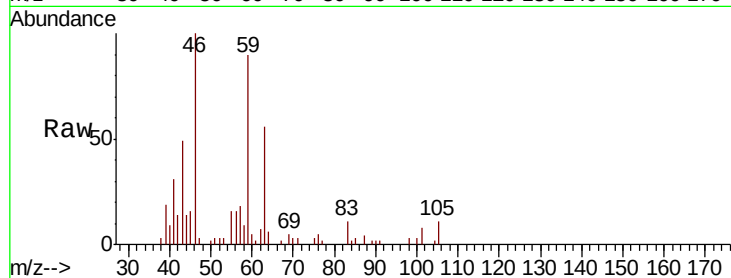




#48
 2-Hexanone
 Concen: 0.785 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

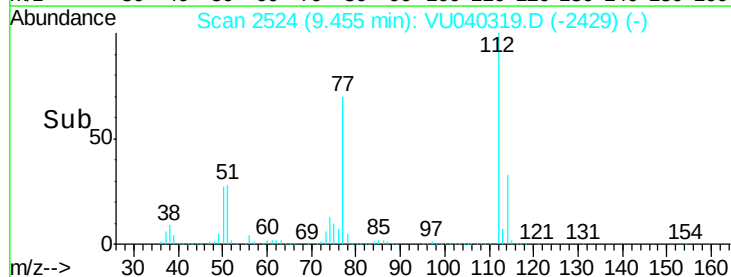
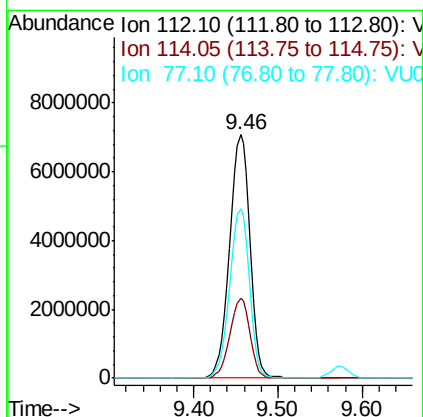
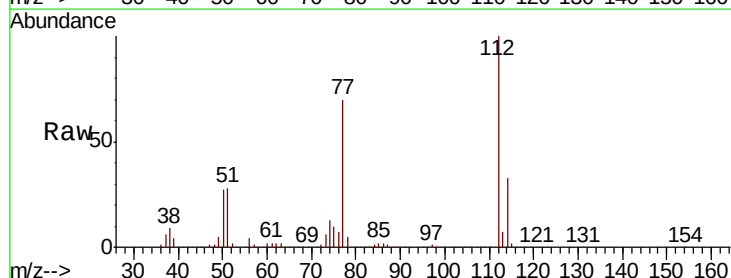
Instrument :
 MSVOA_U
 ClientSampleId :
 BG493

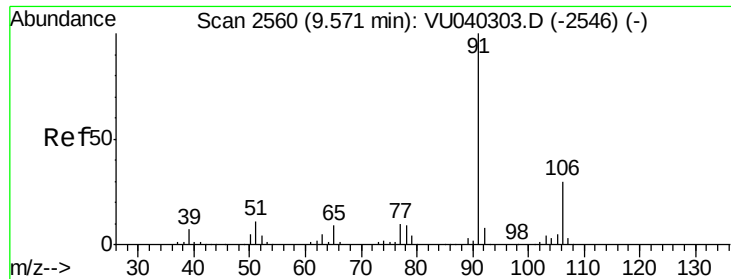
Tot Ion: 43 Resp: 6704
 Ion Ratio Lower Upper
 43 100
 58 3.3 39.6 59.4#
 57 87.4 14.3 21.5#
 100 2.0 8.0 12.0#



#51
 Chlorobenzene
 Concen: 352.280 ug/L
 RT: 9.46 min Scan# 2524
 Delta R.T. 0.01 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

Tgt Ion: 112 Resp: 11872108
 Ion Ratio Lower Upper
 112 100
 114 32.6 22.7 42.3
 77 69.7 53.2 79.8

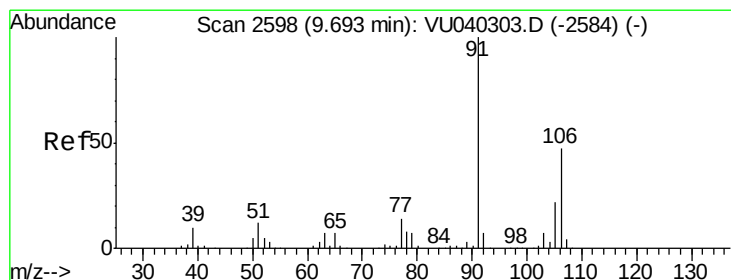
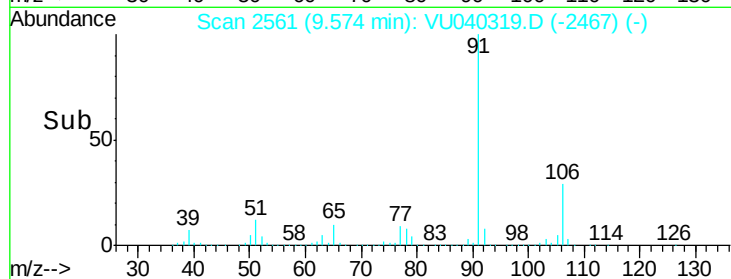
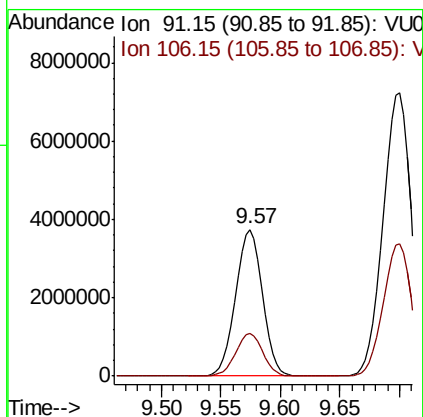
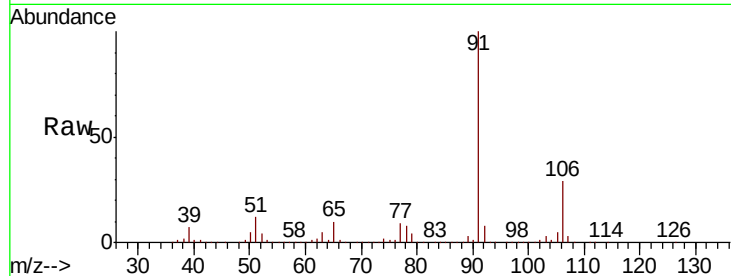




#52
Ethylbenzene
Concen: 95.427 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

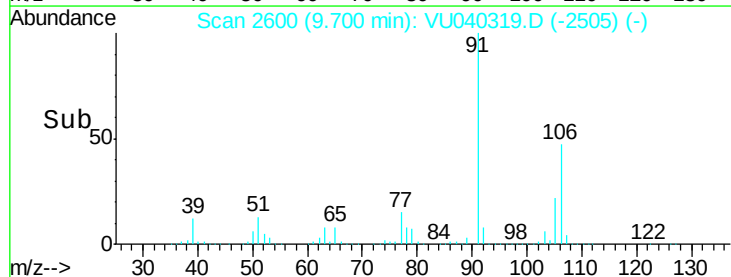
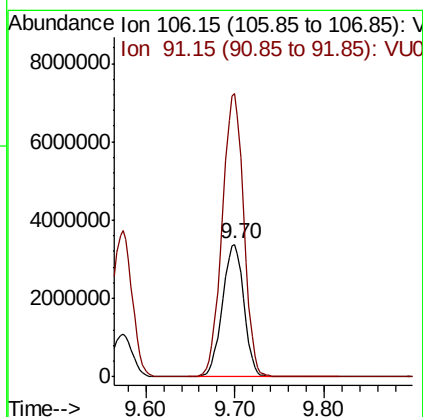
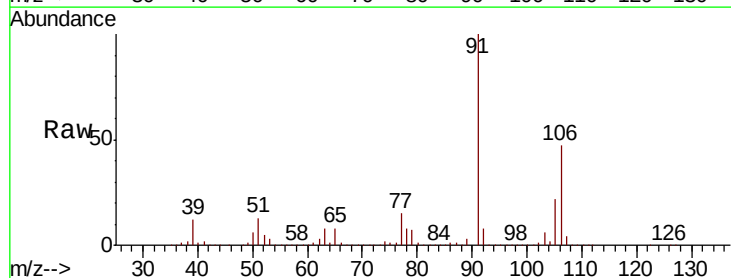
Instrument :
MSVOA_U
ClientSampled :
BG493

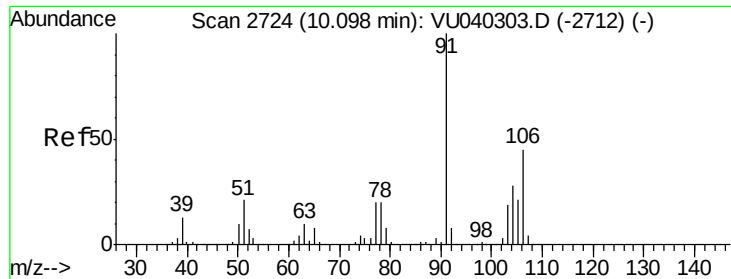
Tot Ion: 91 Resp: 5885371
Ion Ratio Lower Upper
91 100
106 29.5 21.0 39.0



#53
m,p-Xylene
Concen: 257.298 ug/L
RT: 9.70 min Scan# 2600
Delta R.T. 0.01 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

Tgt Ion: 106 Resp: 5649825
Ion Ratio Lower Upper
106 100
91 212.9 151.7 281.7

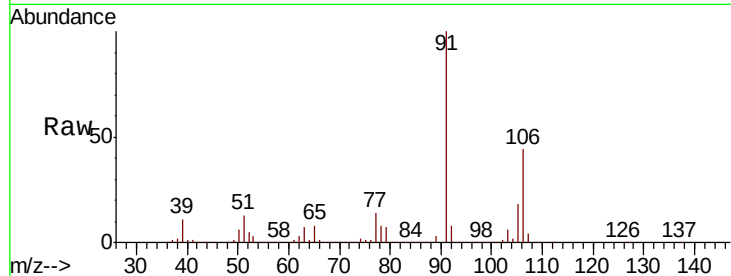




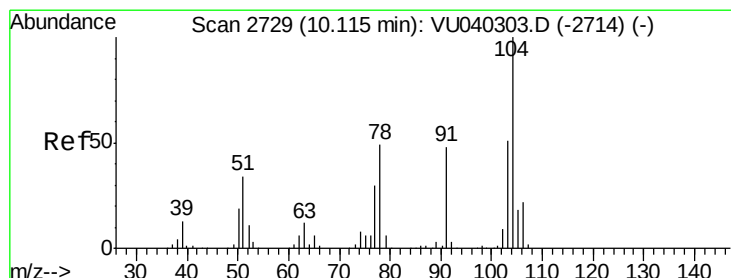
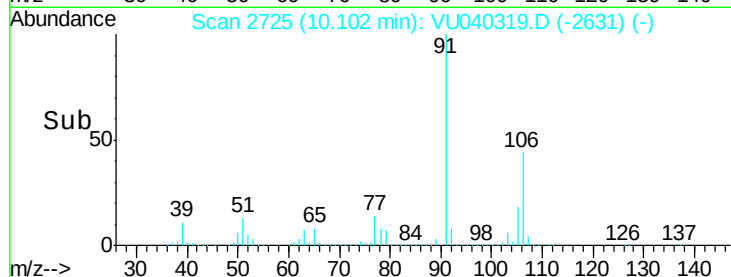
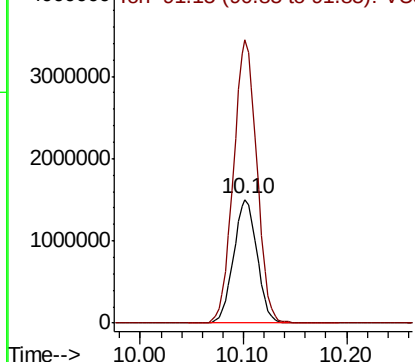
#54
o-Xylene
Concen: 114.222 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

Instrument :
MSVOA_U
ClientSampled :
BG493

Tot Ion:106 Resp: 2390051
Ion Ratio Lower Upper
106 100
91 228.8 160.8 298.6

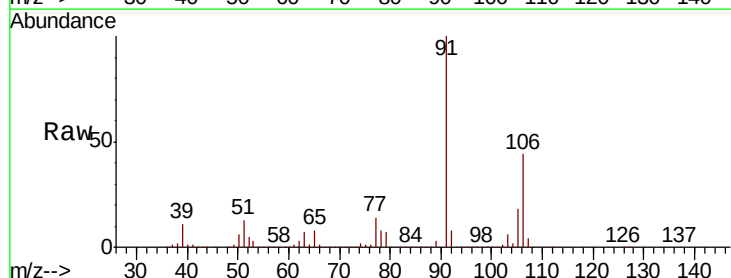


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

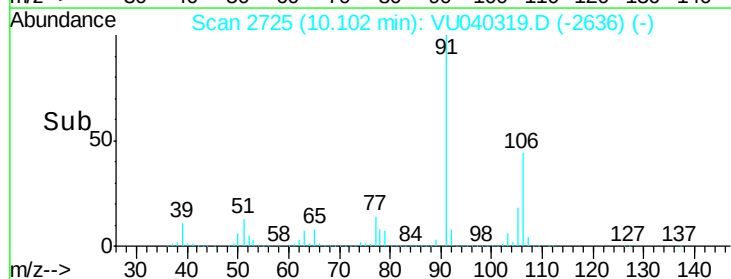
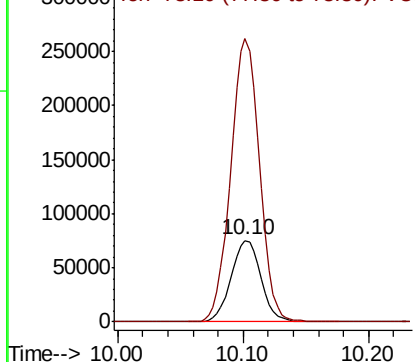


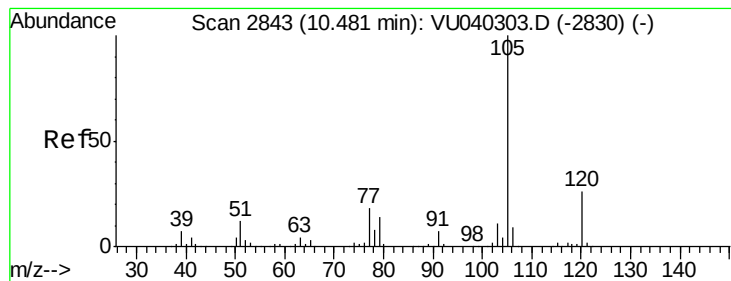
#55
Styrene
Concen: 3.419 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.01 min
Lab File: VU040319.D
Acq: 25 Sep 2020 22:53

Tgt Ion:104 Resp: 124427
Ion Ratio Lower Upper
104 100
78 347.1 36.8 68.3#



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





#56

Isopropylbenzene

Concen: 54.710 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

BG493

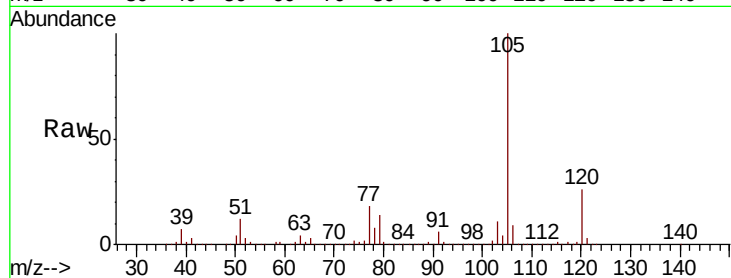
Tot Ion:105 Resp: 3122143

Ion Ratio Lower Upper

105 100

120 25.6 20.1 30.1

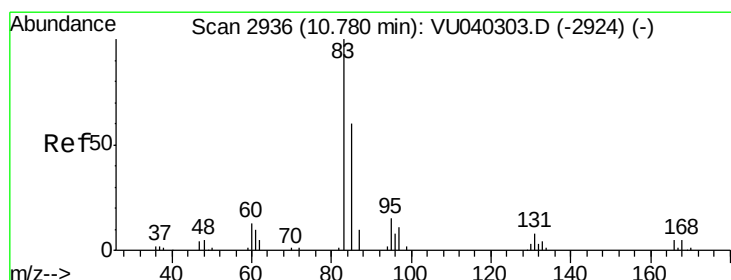
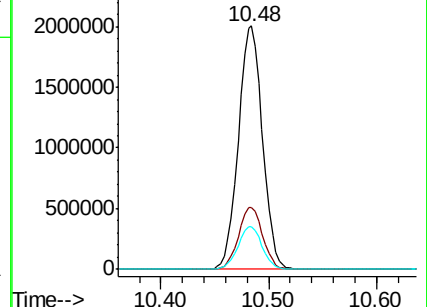
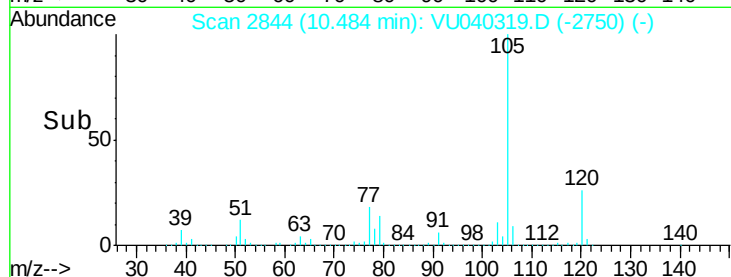
77 17.5 14.4 21.6



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: 0.293 ug/L

RT: 10.79 min Scan# 2940

Delta R.T. 0.01 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

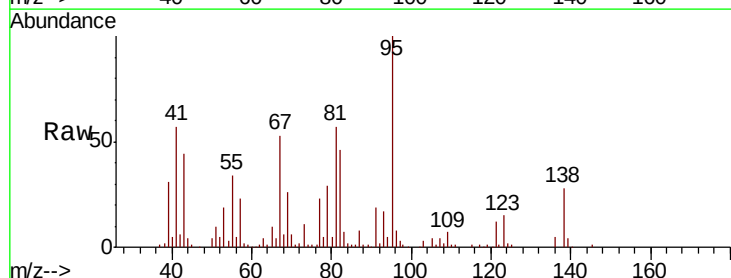
Tgt Ion: 83 Resp: 3912

Ion Ratio Lower Upper

83 100

85 17.0 44.9 83.3#

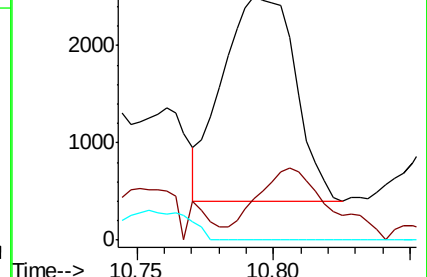
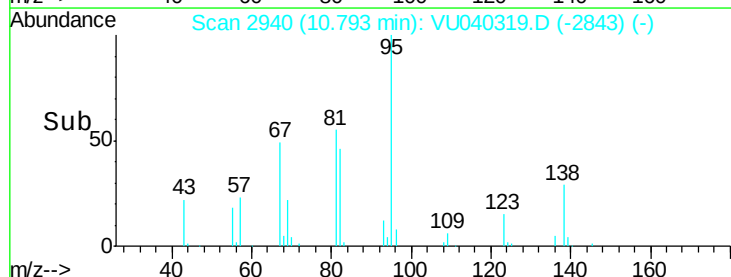
131 0.0 7.4 11.0#

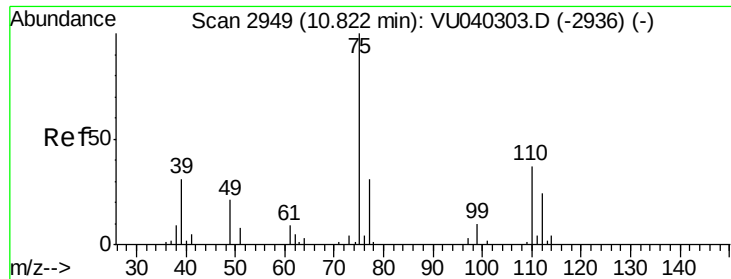


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.141 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.34 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

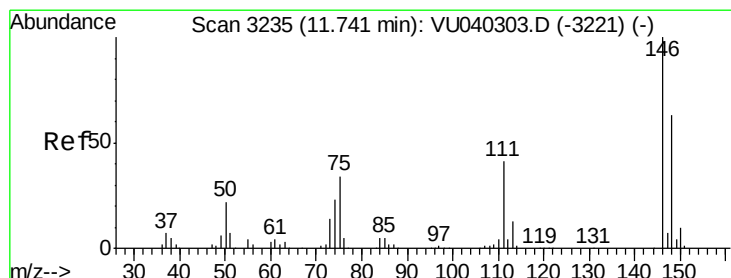
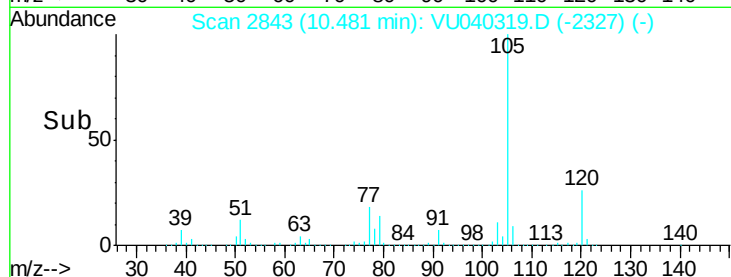
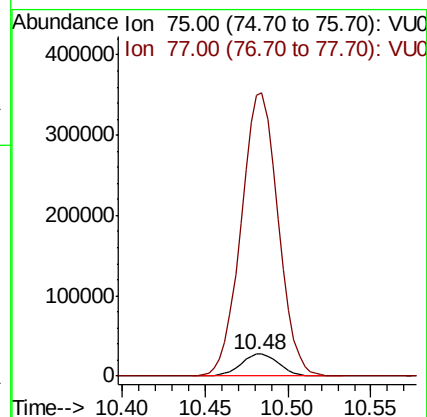
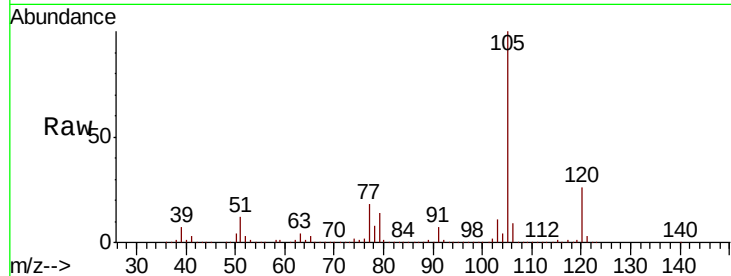
BG493

Tot Ion: 75 Resp: 43781

Ion Ratio Lower Upper

75 100

77 1248.4 24.9 37.3#



#62

1,3-Dichlorobenzene

Concen: 2.247 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

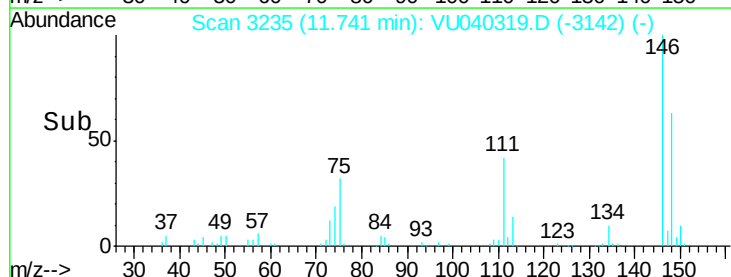
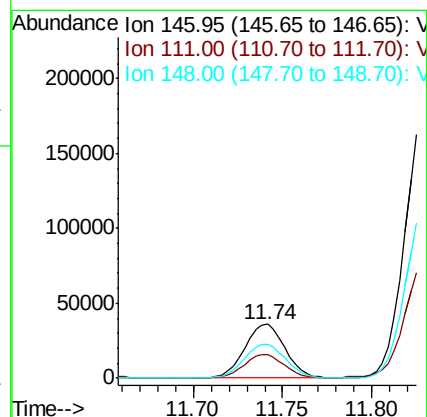
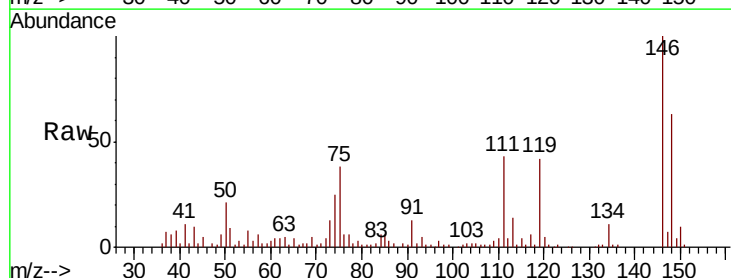
Tgt Ion: 146 Resp: 57144

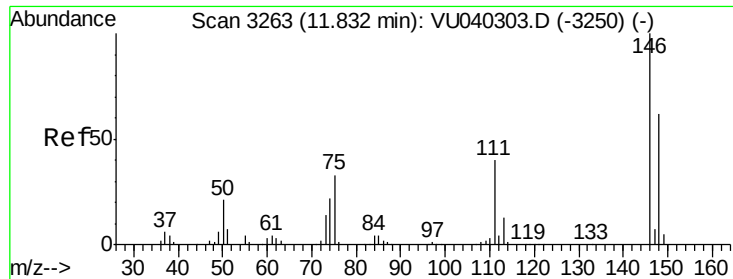
Ion Ratio Lower Upper

146 100

111 42.6 31.6 58.8

148 63.3 44.2 82.0

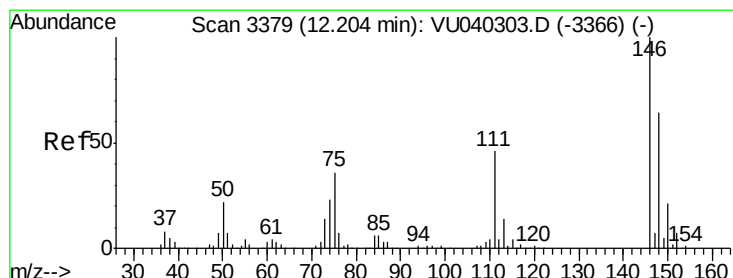
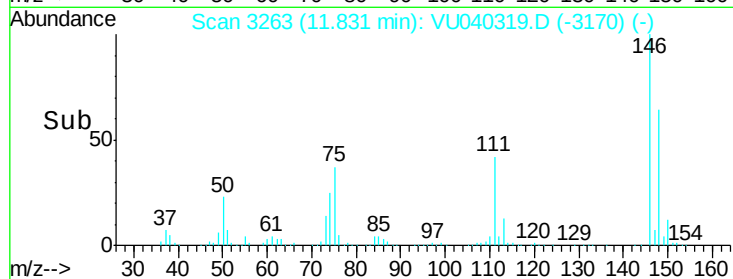
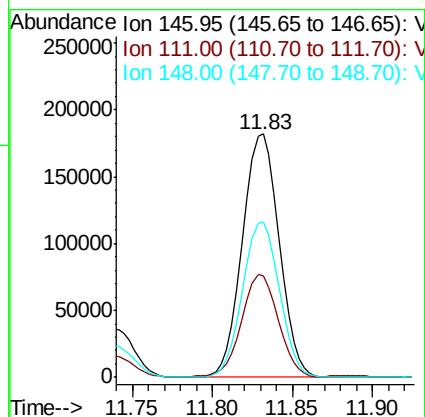
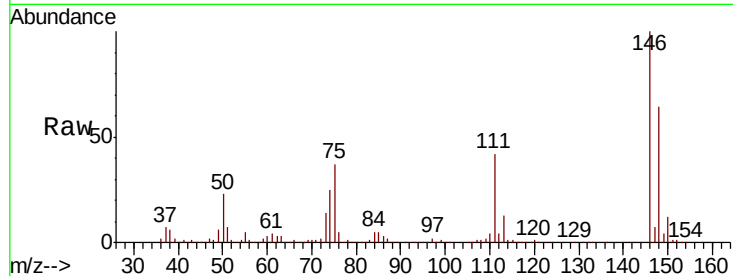




#63
 1,4-Dichlorobenzene
 Concen: 11.083 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

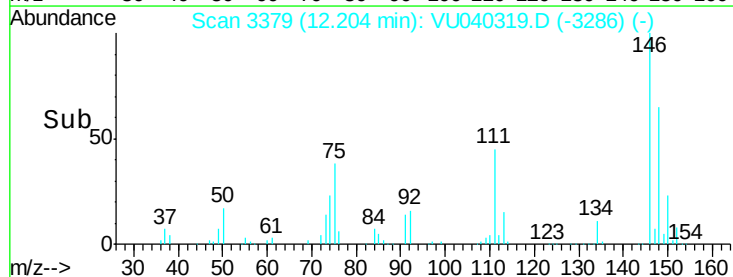
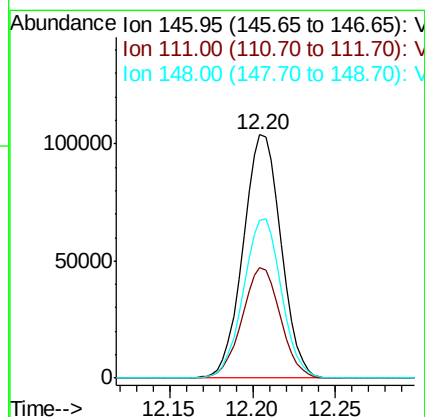
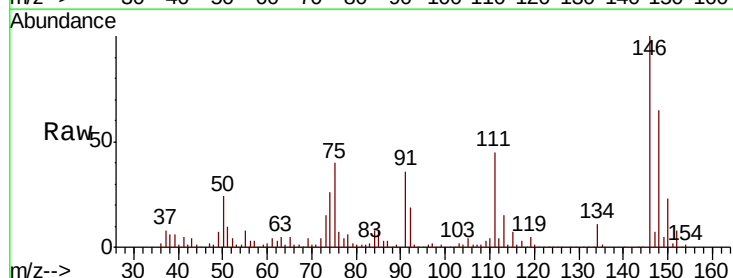
Instrument :
 MSVOA_U
 ClientSampleId :
 BG493

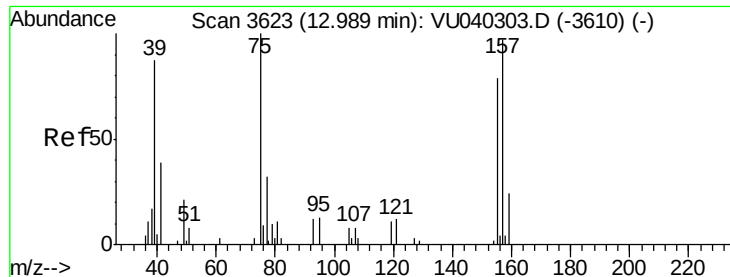
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	30.5	56.7
148	63.9	45.4	84.4



#65
 1,2-Dichlorobenzene
 Concen: 6.725 ug/L
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	36.5	54.7
148	65.0	48.6	72.8

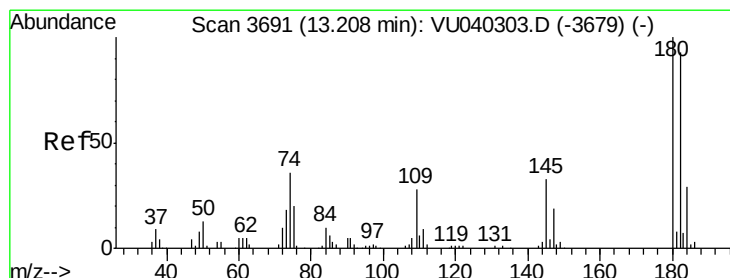
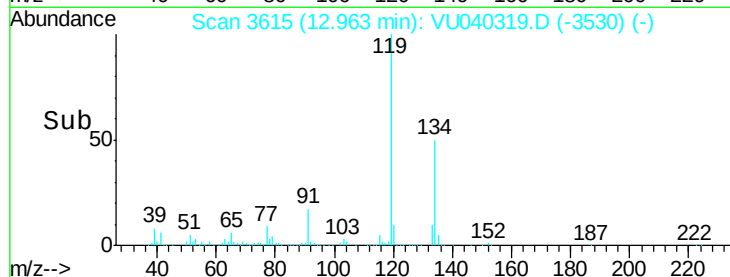
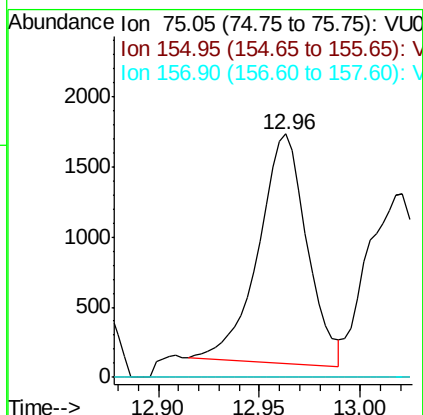
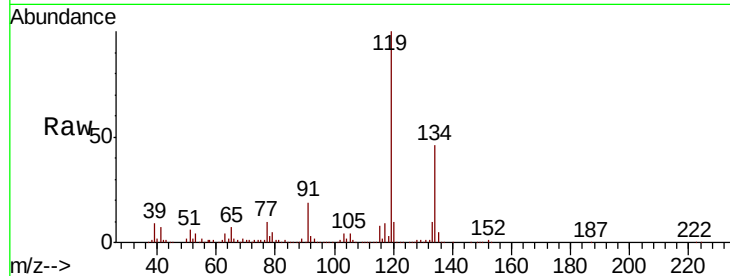




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.041 ug/L
 RT: 12.96 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

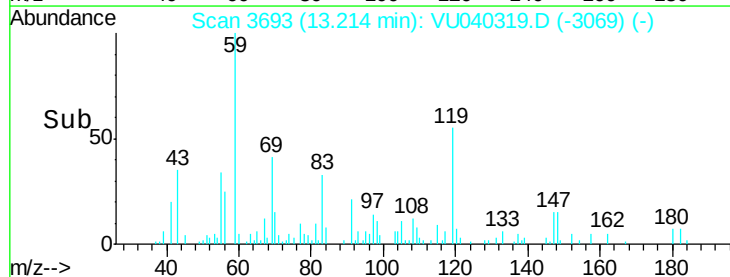
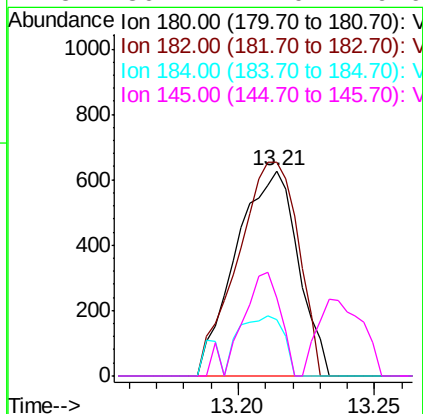
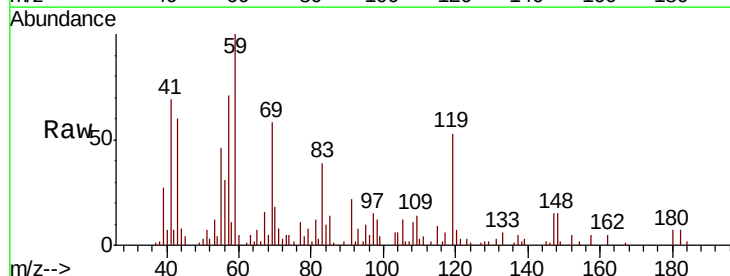
Instrument :
 MSVOA_U
 ClientSampled :
 BG493

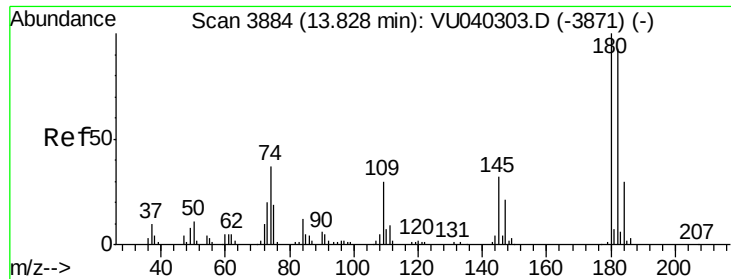
Tot Ion: 75 Resp: 2739
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.6 82.0#
 157 0.0 75.6 113.4#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.055 ug/L
 RT: 13.21 min Scan# 3693
 Delta R.T. 0.01 min
 Lab File: VU040319.D
 Acq: 25 Sep 2020 22:53

Tgt Ion: 180 Resp: 991
 Ion Ratio Lower Upper
 180 100
 182 101.8 76.9 115.3
 184 21.0 24.6 36.8#
 145 30.7 27.0 40.6





#68

1,2,4-trichlorobenzene

Concen: 0.048 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

Instrument :

MSVOA_U

ClientSampleId :

BG493

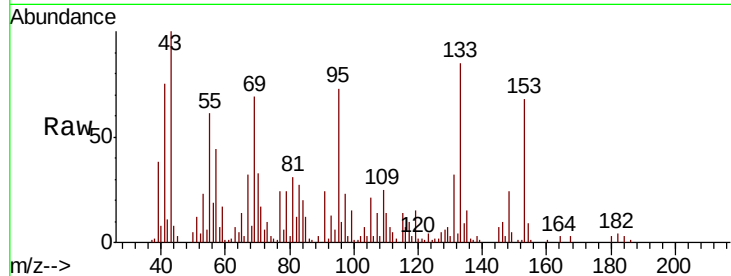
Tot Ion:180 Resp: 733

Ion Ratio Lower Upper

180 100

182 121.7 76.0 114.0#

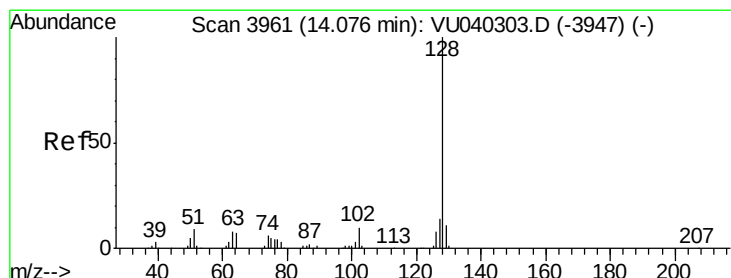
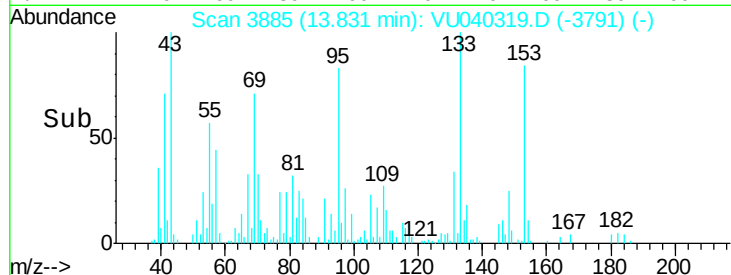
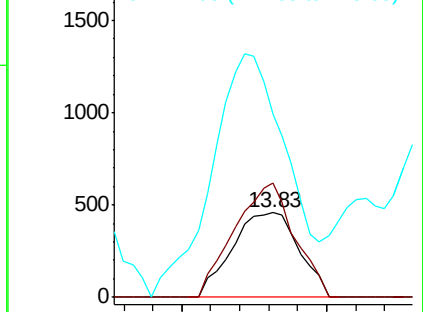
145 324.6 28.4 42.6#



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: 8.155 ug/L

RT: 14.07 min Scan# 3960

Delta R.T. -0.00 min

Lab File: VU040319.D

Acq: 25 Sep 2020 22:53

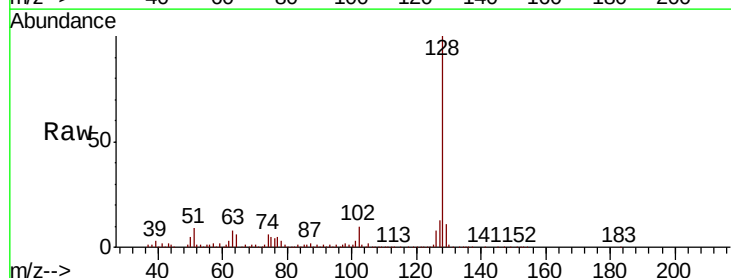
Tgt Ion:128 Resp: 261795

Ion Ratio Lower Upper

128 100

129 12.0 8.7 13.1

127 13.2 10.7 16.1



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

