

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039703.D
 Acq On : 29 Jul 2020 14:36
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Quant Time: Jul 30 01:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	21043	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	9317	1.13	ug/l	0.00
Spiked Amount	1.000		Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8235	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	44727	6.117	ua/l 100
3) Chloromethane	1.53	50	69186	7.617	ua/l 99
4) Vinyl Chloride	1.61	62	69126	8.257	ua/l 96
5) Bromomethane	1.86	94	48362	8.447	ua/l 98
6) Chloroethane	1.94	64	49031	8.441	ua/l 99
7) Trichlorofluoromethane	2.15	101	98379	8.885	ua/l 97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58064	9.137	ua/l 99
9) 1,1-Dichloroethene	2.59	96	56442	9.653	ua/l 99
10) Iodomethane	2.74	142	54508	9.243	ua/l 98
11) Allyl Chloride	2.93	41	126222	10.008	ua/l 95
12) Acrylonitrile	3.33	53	103781	50.569	ua/l 95
13) Acetone	2.64	43	129383	67.003	ua/l 99
14) Carbon Disulfide	2.80	76	171318	7.990	ua/l 100
15) Methylene Chloride	3.06	84	70403	8.638	ua/l 99
16) trans-1,2-Dichloroethene	3.37	96	63651	9.575	ua/l 97
17) 1,1-Dichloroethane	3.89	63	142239	9.744	ua/l 98
18) 2-Butanone	4.74	43	166682	51.331	ua/l 100
19) Cyclohexane	5.39	56	112297	7.948	ua/l 93
20) Methylcyclohexane	6.77	83	102956	9.835	ua/l 99
21) 2,2-Dichloropropane	4.68	77	115769	9.722	ua/l 99
22) cis-1,2-Dichloroethene	4.68	96	74057	10.336	ua/l 99
23) Diethyl Ether	2.39	59	54281	9.080	ua/l 97
24) tert-Butyl Alcohol	3.20	59	36136	46.305	ua/l 98
25) Methyl tert-Butyl Ether	3.38	73	189669	9.942	ua/l 98
26) Bromochloromethane	4.99	128	28297	9.653	ua/l 98
27) Chloroform	5.11	83	134396	9.838	ua/l 99
28) 1,1,1-Trichloroethane	5.33	97	110519	9.998	ua/l 99
29) 1,1-Dichloropropene	5.54	75	102654	9.644	ua/l 99
30) Carbon Tetrachloride	5.54	117	89937	9.950	ua/l 98
31) Isopropyl Ether	4.02	45	273632	10.278	ua/l # 1
33) Tert-Amyl methyl ether	5.78	73	4291	0.263	ua/l # 1
34) Propionitrile	4.80	54	77971	97.337	ua/l 98
35) Benzene	5.79	78	257493	9.780	ua/l 100
36) 1,2-Dichloroethane	5.81	62	96036	9.730	ua/l 100
37) Trichloroethene	6.55	130	59677	9.906	ua/l 95
38) 1,2-Dichloropropane	6.81	63	74138	10.216	ua/l 99
39) Methacrylonitrile	5.00	41	38613	9.147	ua/l 98
40) Methyl acrylate	4.87	55	53503	9.829	ua/l 98
41) Tetrahydrofuran	5.09	42	95651	45.035	ua/l 98
42) 1-Chlorobutane	5.47	56	160285	9.594	ua/l 99
43) Dibromomethane	6.93	93	38619	9.890	ua/l 98

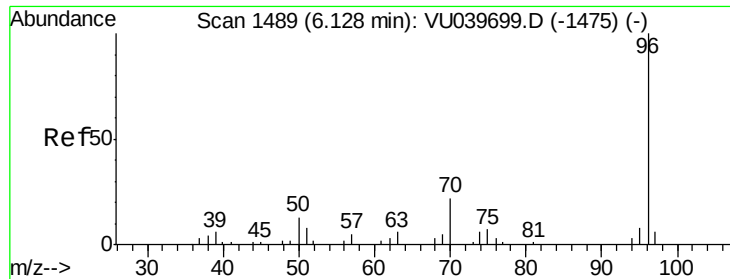
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039703.D
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Quant Time: Jul 30 01:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	7.12	83	93476	10.440	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	308504	52.152	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	75995	43.193	ug/l #	37
47) Methyl methacrylate	6.98	69	36880	10.126	ug/l	99
48) Ethyl methacrylate	8.34	69	73589	10.977	ug/l	99
49) Toluene	7.98	92	164573	10.501	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	90443	11.216	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	103875	10.960	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	54439	10.730	ug/l	96
53) 1,3-Dichloropropane	8.58	76	99960	10.261	ug/l	100
54) 2-Hexanone	8.70	43	236700	55.887	ug/l	100
55) Dibromochloromethane	8.82	129	58594	10.755	ug/l	100
56) 1,2-Dibromoethane	8.93	107	51739	10.583	ug/l	99
58) Tetrachloroethene	8.56	164	51515	9.769	ug/l	95
59) Chlorobenzene	9.45	112	165416	10.207	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	58584	10.721	ug/l	99
61) Pentachloroethane	11.43	117	52683	10.973	ug/l	97
62) Hexachloroethane	12.47	117	51106	11.614	ug/l	98
63) Ethyl Benzene	9.57	91	321330	11.064	ug/l	99
64) m/p-Xylenes	9.70	106	255608	22.526	ug/l	98
65) o-Xylene	10.10	106	118206	10.972	ug/l	97
66) Styrene	10.11	104	211139	11.436	ug/l	100
67) Bromoform	10.29	173	31615	11.375	ug/l	98
69) Isopropylbenzene	10.48	105	321720	11.180	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	75929	10.396	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	75995	13.812	ug/l	84
72) Bromobenzene	10.78	156	71417	10.928	ug/l	98
73) n-propylbenzene	10.91	120	86835	10.733	ug/l	95
74) 2-Chlorotoluene	10.99	126	72889	10.664	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	292233	11.747	ug/l	100
76) 4-Chlorotoluene	11.10	126	80203	11.329	ug/l	98
77) tert-Butylbenzene	11.42	119	266505	11.167	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	297277	11.652	ug/l	100
79) sec-Butylbenzene	11.64	105	354076	10.424	ug/l	100
80) Nitrobenzene	13.20	77	1325	12.399	ug/l #	82
81) p-Isopropyltoluene	11.79	119	317599	11.602	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	144218	10.253	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	148933	10.527	ug/l	99
84) n-Butylbenzene	12.20	91	343114	11.800	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	140152	10.338	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	14463	11.755	ug/l	99
87) 1,2,4-Trichlorobenzene	13.83	180	98774	11.649	ug/l	99
88) Hexachlorobutadiene	14.01	225	42108	10.935	ug/l	99
89) Naphthalene	14.08	128	217274	11.976	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	91615	11.445	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tot Ion: 96 Resp: 21043

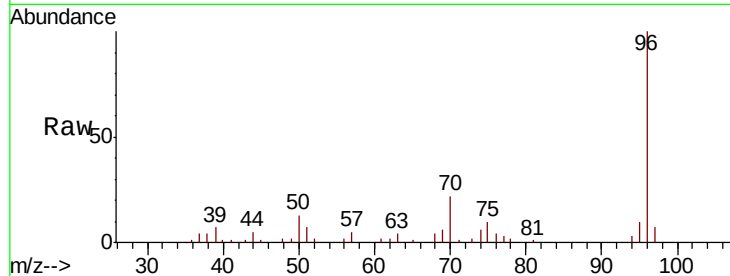
Ion Ratio Lower Upper

96 100

70 20.9 16.3 24.5

95 8.8 6.8 10.2

97 0.0 0.0 0.0

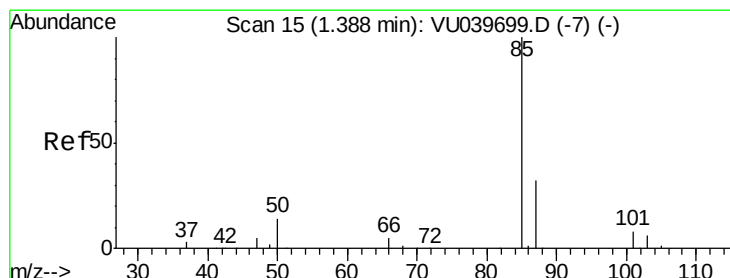
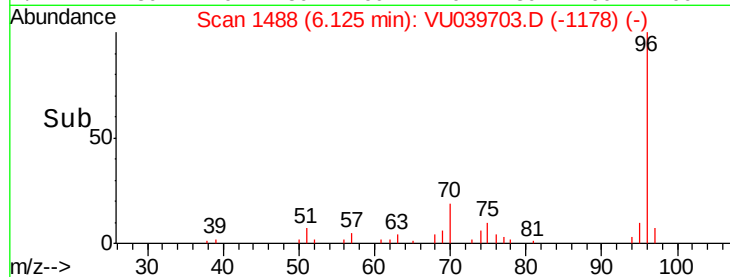
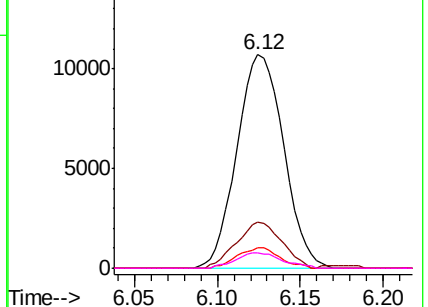


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 6.117 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039703.D

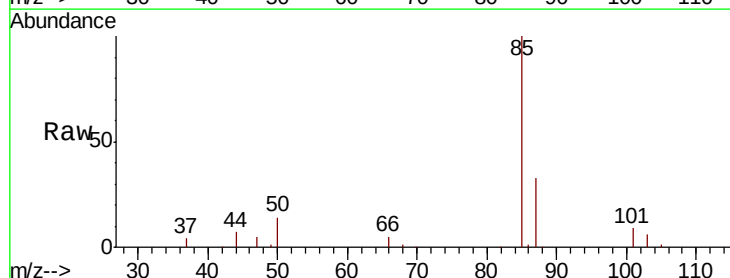
Acq: 29 Jul 2020 14:36

Tgt Ion: 85 Resp: 44727

Ion Ratio Lower Upper

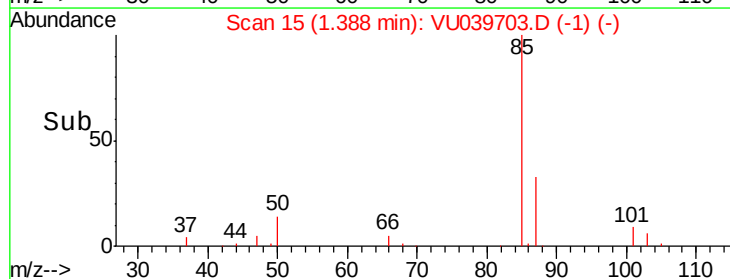
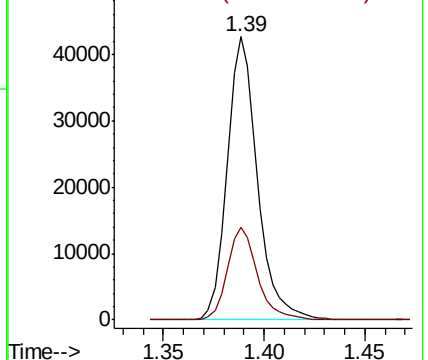
85 100

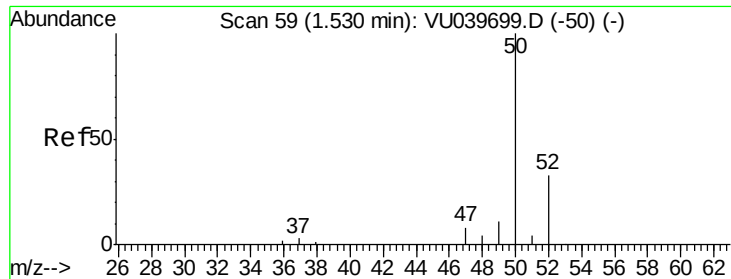
87 32.5 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 7.617 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

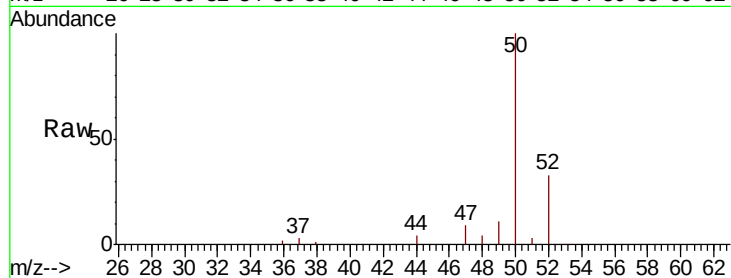
ICVVU072920

Tot Ion: 50 Resp: 69186

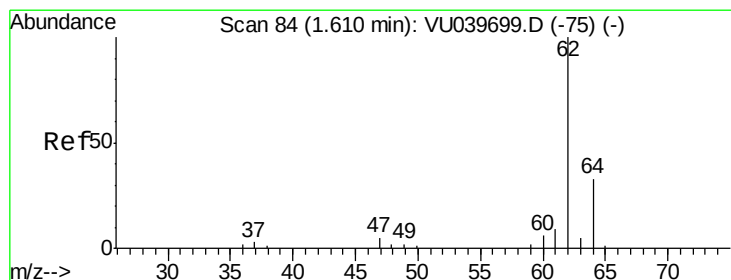
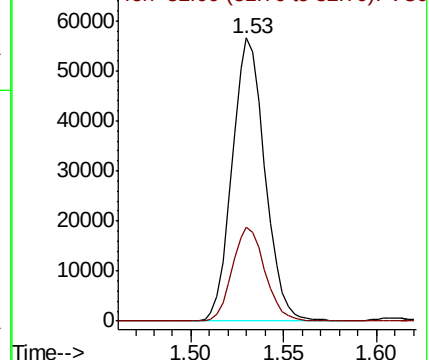
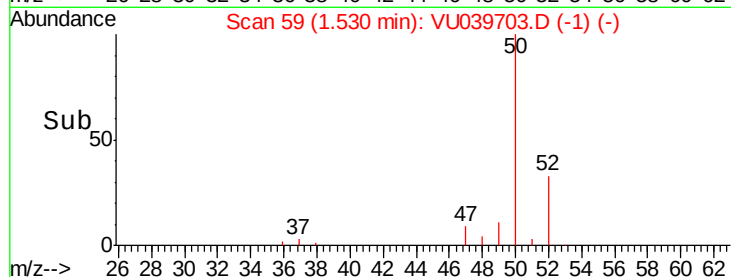
Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU039703.D (-1) (-)



#4

Vinyl Chloride

Concen: 8.257 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039703.D

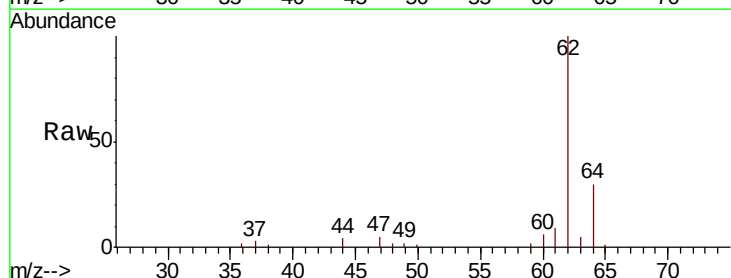
Acq: 29 Jul 2020 14:36

Tgt Ion: 62 Resp: 69126

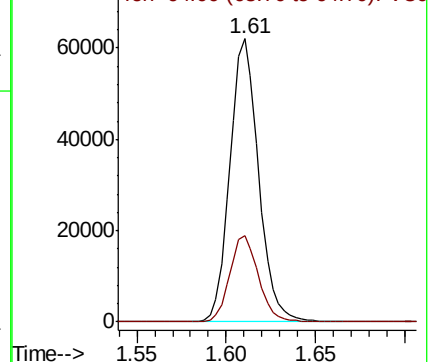
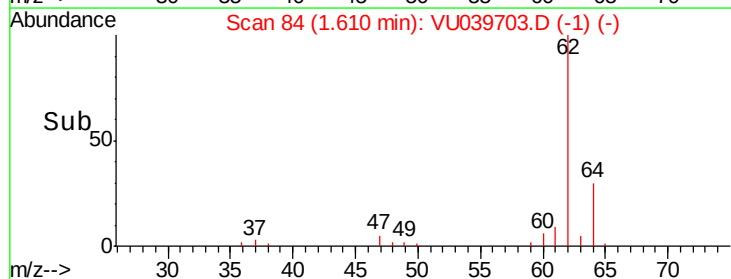
Ion Ratio Lower Upper

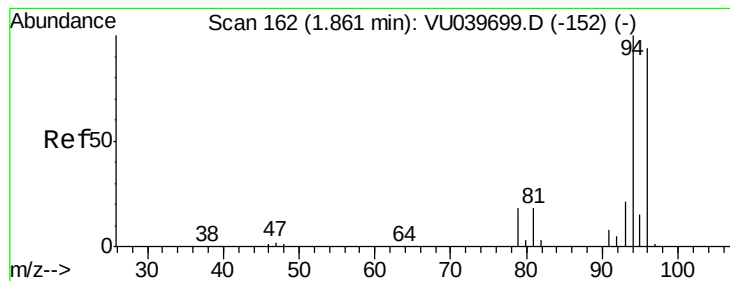
62 100

64 30.3 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU039703.D (-1) (-)





#5

Bromomethane

Concen: 8.447 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

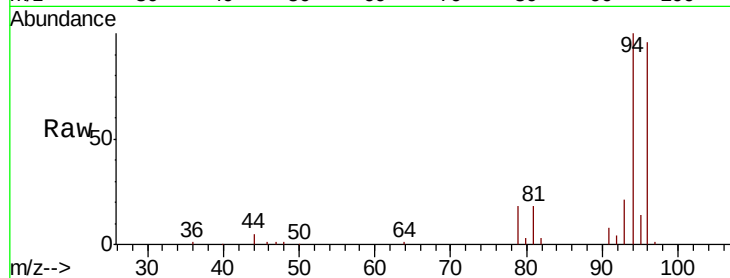
ICVVU072920

Tot Ion: 94 Resp: 48362

Ion Ratio Lower Upper

94 100

96 95.6 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039703.D (-7) (-)

1.86

40000

30000

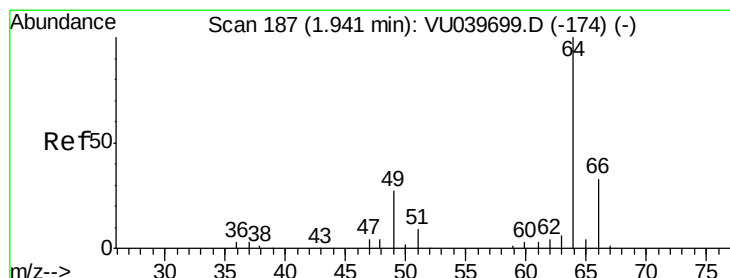
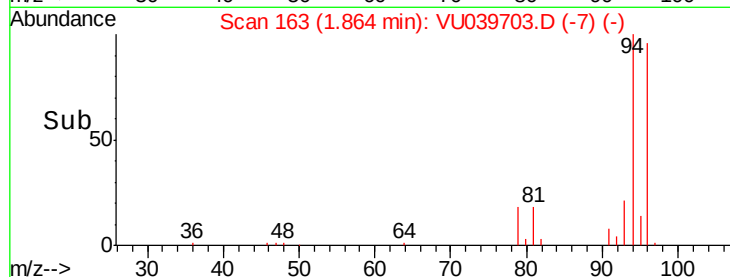
20000

10000

0

1.80 1.85 1.90 1.95

Time-->



#6

Chloroethane

Concen: 8.441 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039703.D

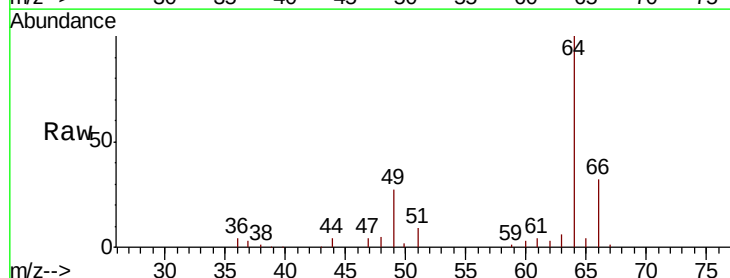
Acq: 29 Jul 2020 14:36

Tgt Ion: 64 Resp: 49031

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039703.D (-32) (-)

1.94

40000

30000

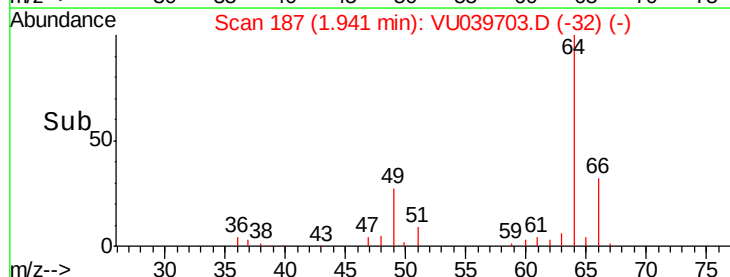
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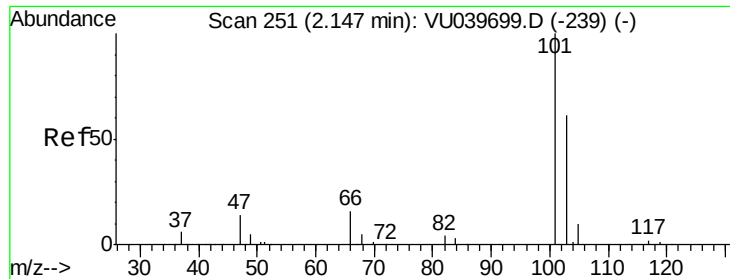
10000

0

1.90 1.95 2.00

Time-->



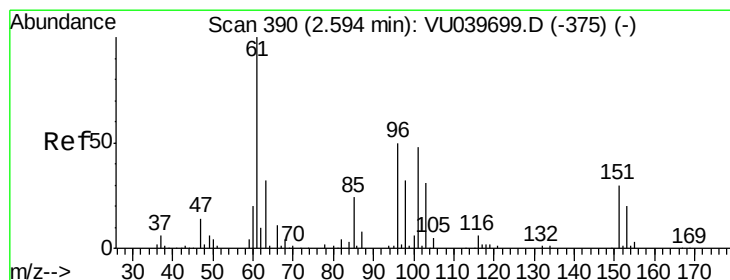
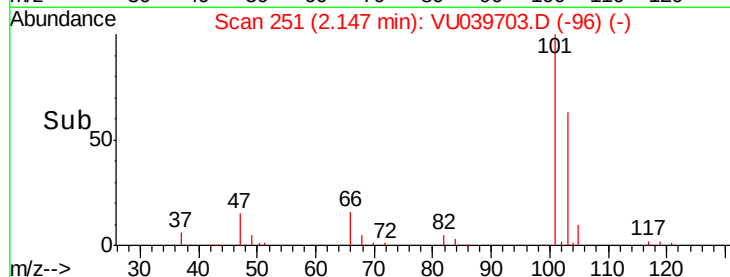
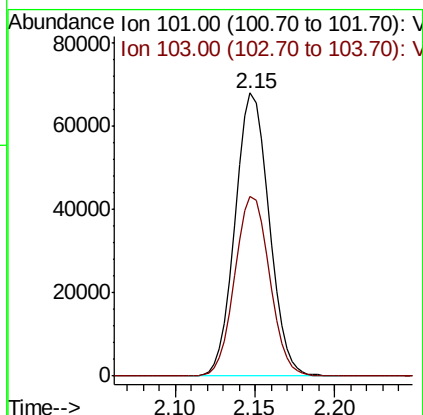
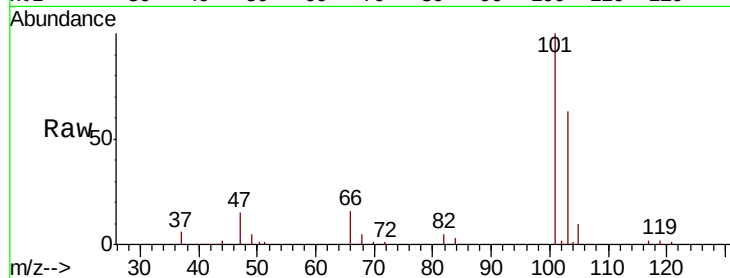


#7

Trichlorofluoromethane
 Concen: 8.885 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

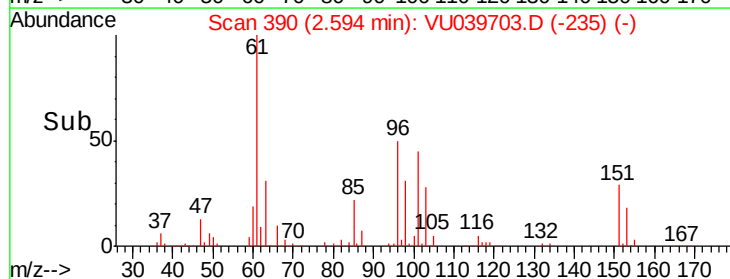
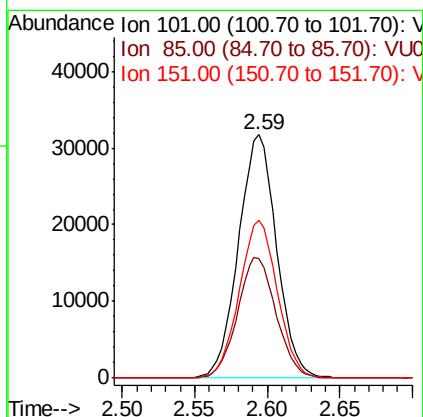
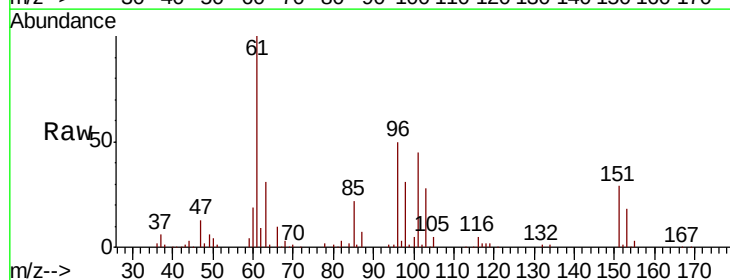
Tot Ion:101 Resp: 98379
 Ion Ratio Lower Upper
 101 100
 103 63.4 48.8 73.2

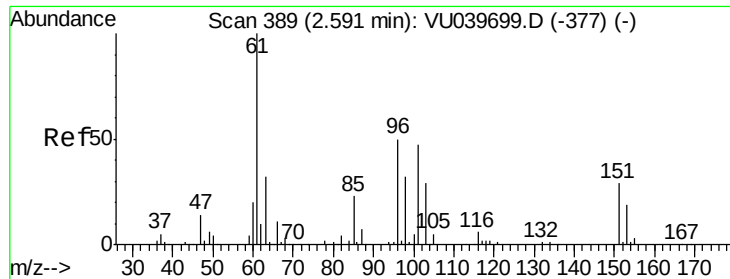


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.137 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion:101 Resp: 58064
 Ion Ratio Lower Upper
 101 100
 85 50.0 39.9 59.9
 151 64.6 51.0 76.4





#9

1,1-Dichloroethene

Concen: 9.653 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

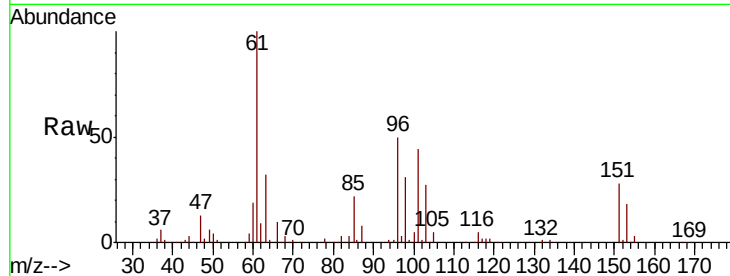
Tot Ion: 96 Resp: 56442

Ion Ratio Lower Upper

96 100

61 200.3 0.0 604.5

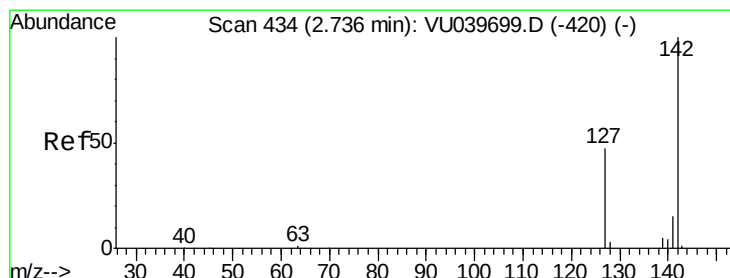
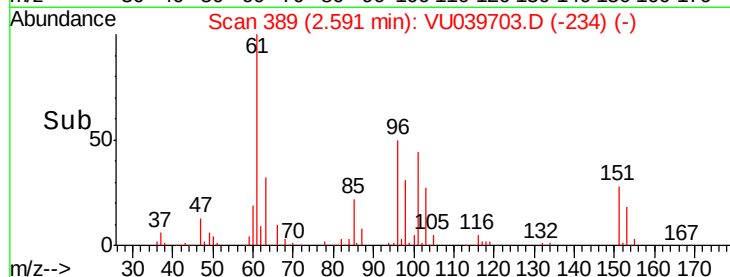
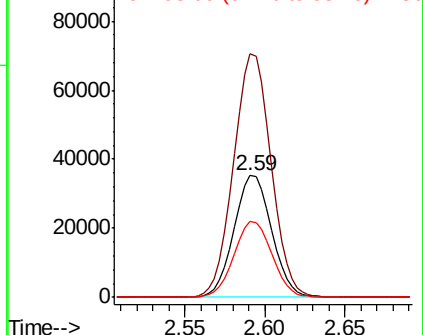
98 62.4 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039703.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039703.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039703.D (-234) (-)



#10

Iodomethane

Concen: 9.243 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039703.D

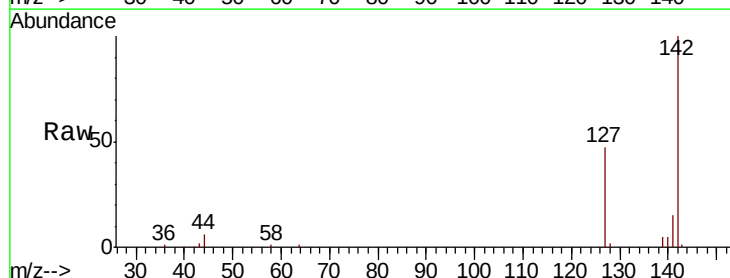
Acq: 29 Jul 2020 14:36

Tgt Ion:142 Resp: 54508

Ion Ratio Lower Upper

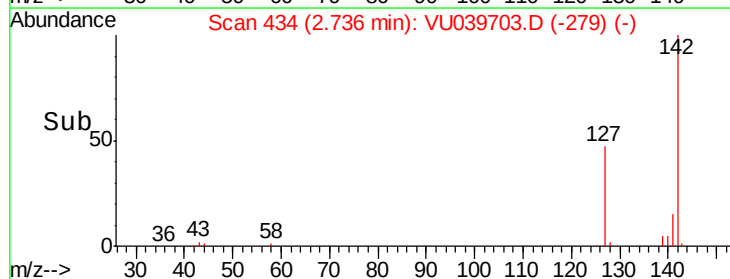
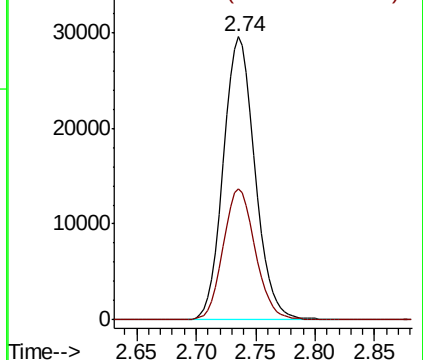
142 100

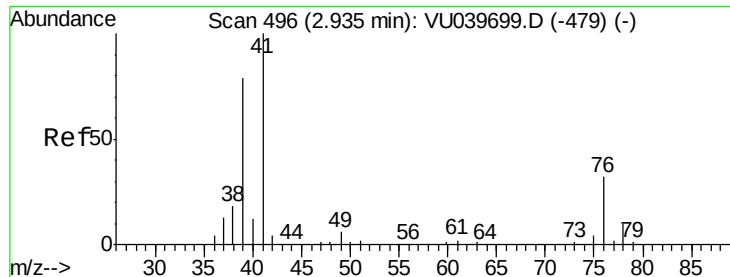
127 46.9 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039703.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039703.D (-279) (-)

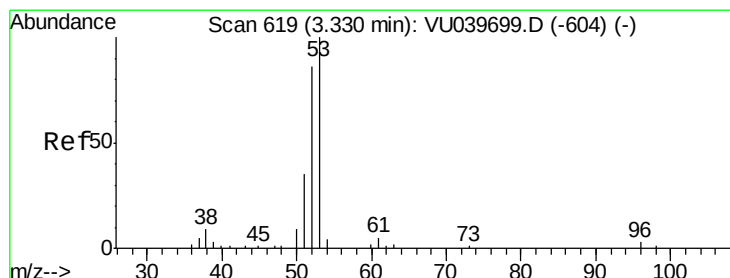
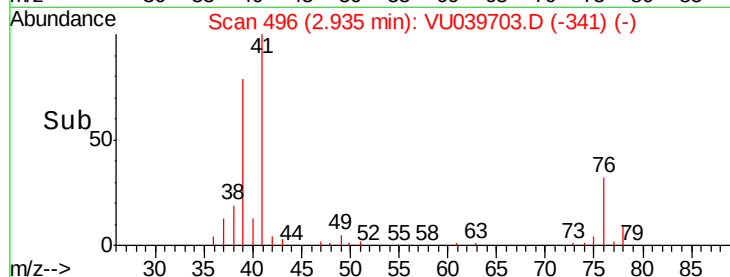
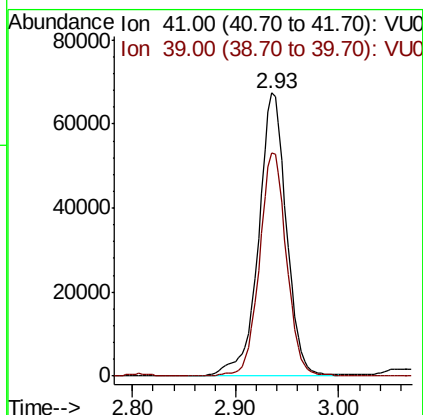
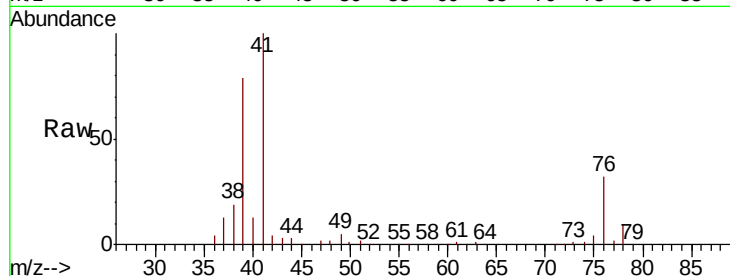




#11
Allvl Chloride
Concen: 10.008 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

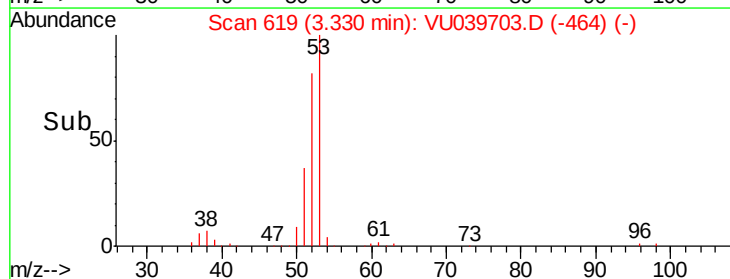
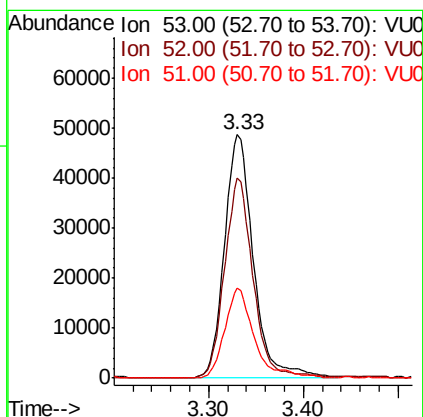
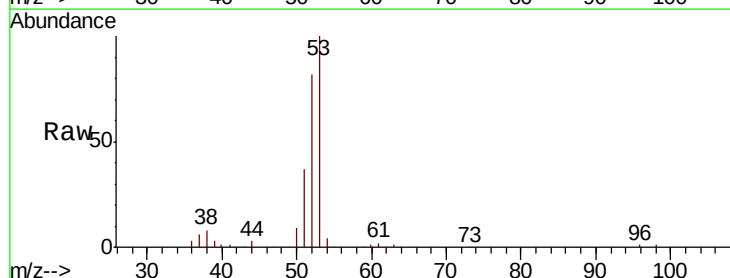
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

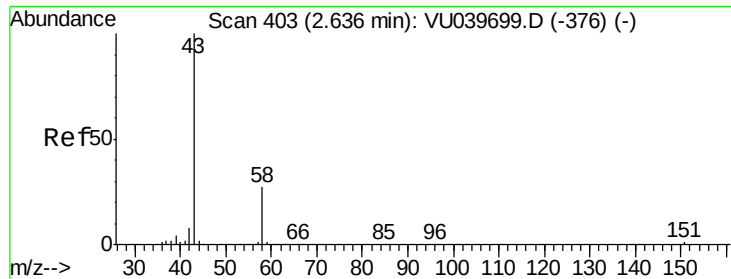
Tot Ion: 41 Resp: 126222
Ion Ratio Lower Upper
41 100
39 75.7 64.2 96.2



#12
Acrylonitrile
Concen: 50.569 ug/l
RT: 3.33 min Scan# 619
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 53 Resp: 103781
Ion Ratio Lower Upper
53 100
52 80.8 69.1 103.7
51 37.9 29.4 44.2





#13

Acetone

Concen: 67.003 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

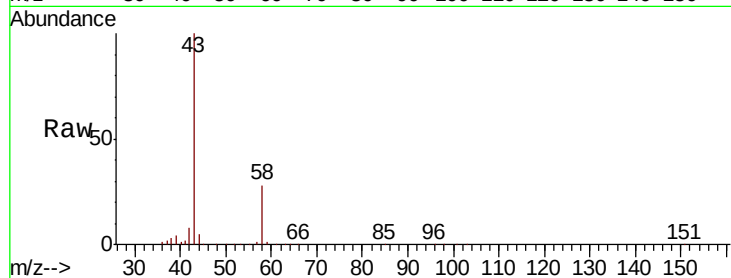
ICVVU072920

Tot Ion: 43 Resp: 129383

Ion Ratio Lower Upper

43 100

58 27.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-376) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-376) (-)

80000

60000

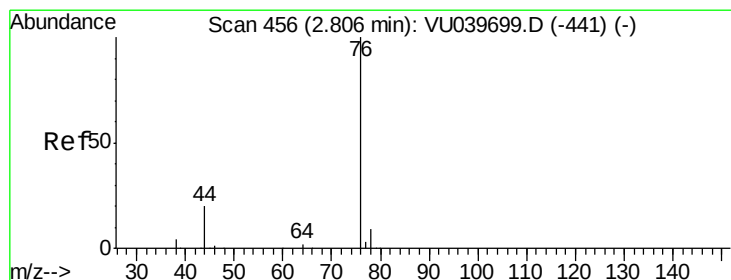
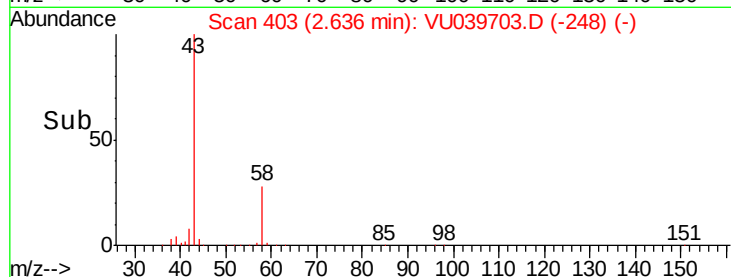
40000

20000

0

2.50 2.60 2.70

Time-->



#14

Carbon Disulfide

Concen: 7.990 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039703.D

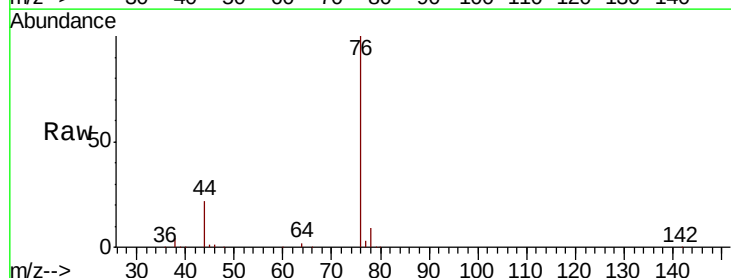
Acq: 29 Jul 2020 14:36

Tgt Ion: 76 Resp: 171318

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VU039699.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU039699.D (-441) (-)

120000

100000

80000

60000

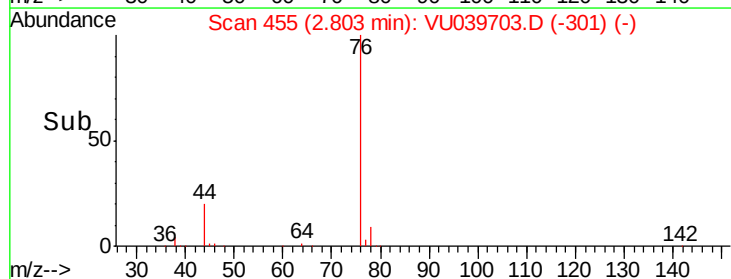
40000

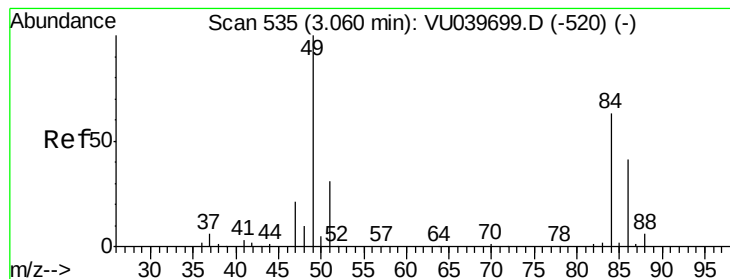
20000

0

2.70 2.75 2.80 2.85 2.90

Time-->





#15

Methylene Chloride

Concen: 8.638 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tot Ion: 84 Resp: 70403

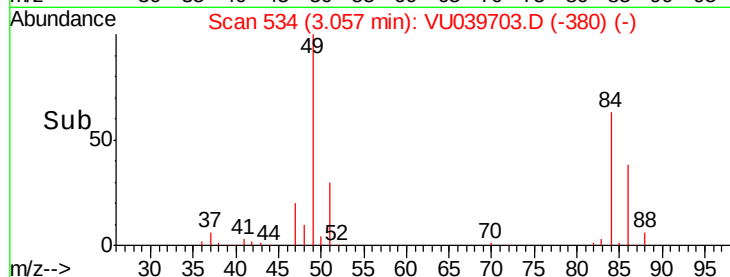
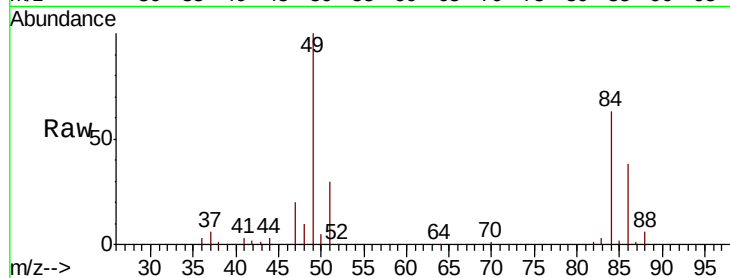
Ion Ratio Lower Upper

84 100

49 158.8 126.8 190.2

51 48.2 0.0 97.2

86 60.8 51.4 77.2

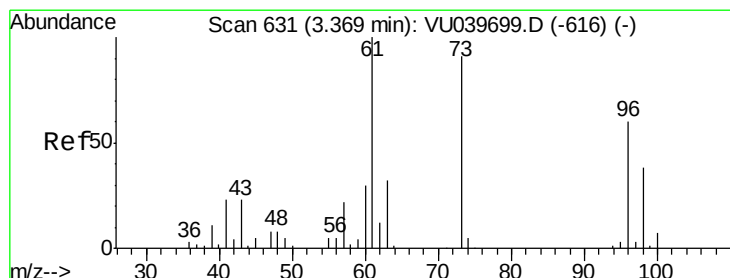
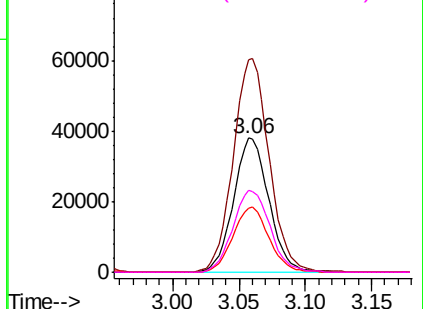


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 9.575 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

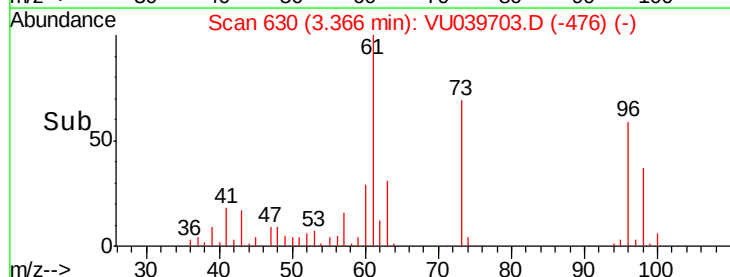
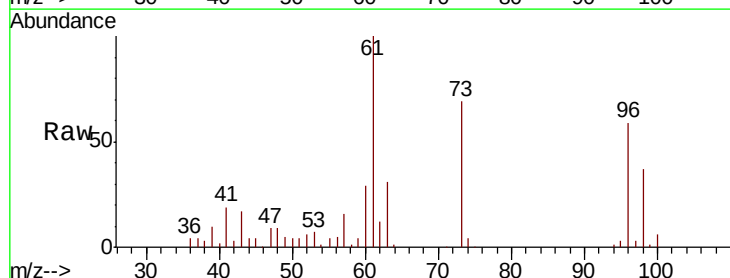
Tgt Ion: 96 Resp: 63651

Ion Ratio Lower Upper

96 100

61 170.8 132.6 199.0

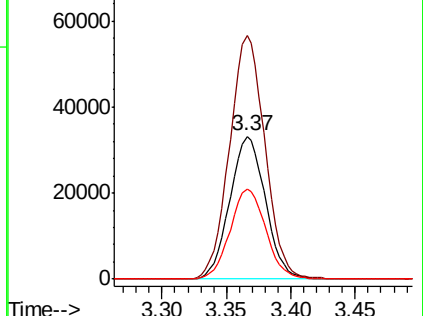
98 62.8 50.2 75.2

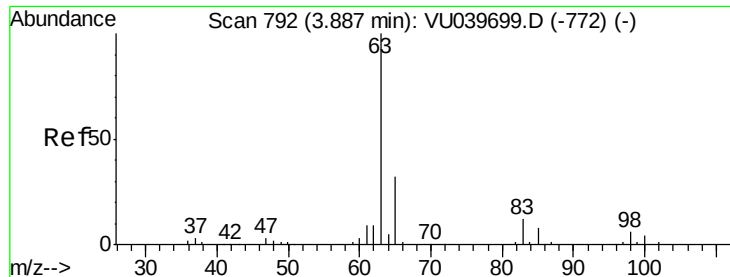


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

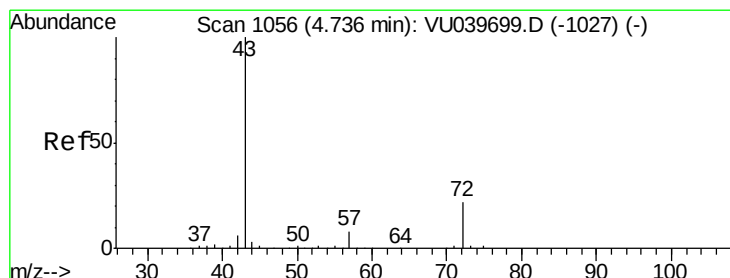
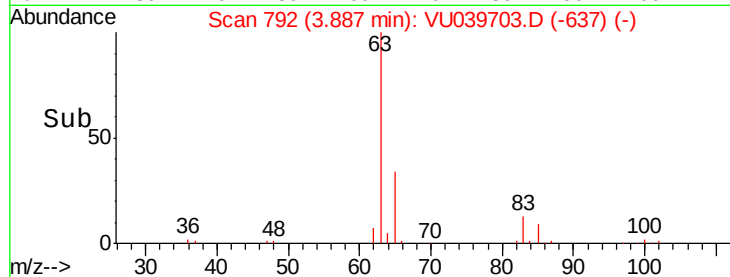
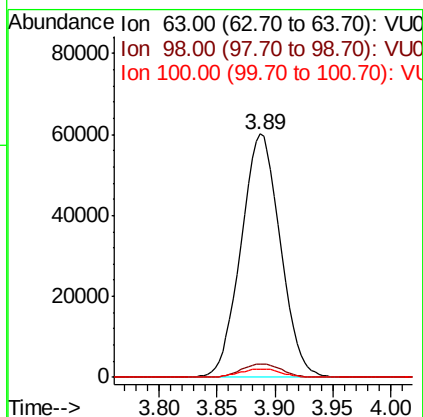
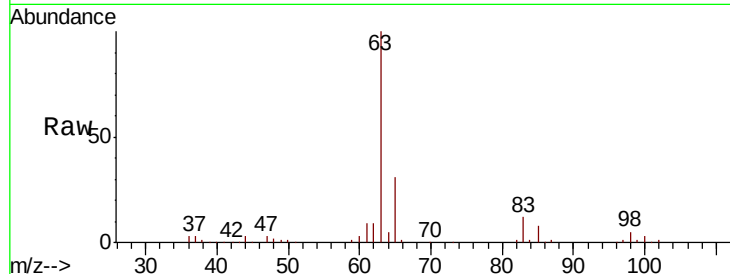




#17
 1,1-Dichloroethane
 Concen: 9.744 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

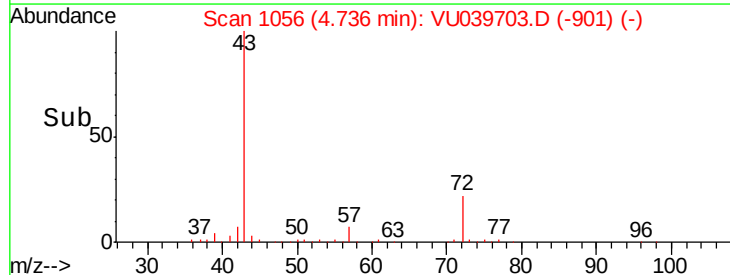
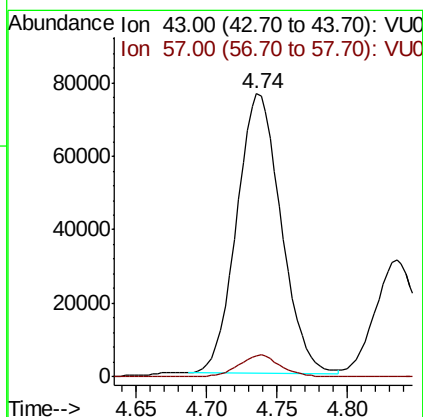
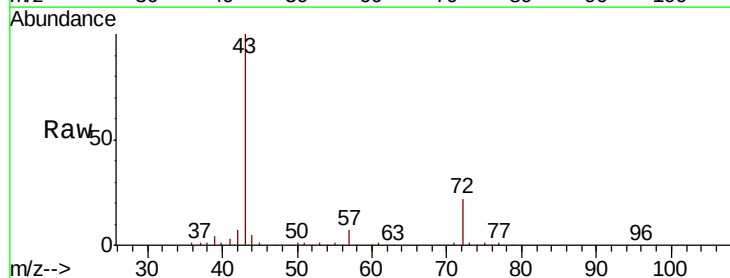
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

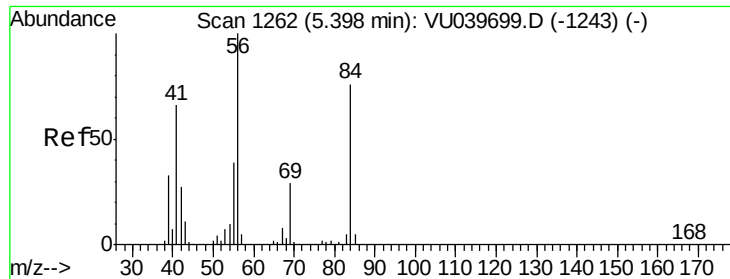
Tot Ion: 63 Resp: 142239
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.9 8.7
 100 3.5 2.0 6.0



#18
 2-Butanone
 Concen: 51.331 ug/l
 RT: 4.74 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 43 Resp: 166682
 Ion Ratio Lower Upper
 43 100
 57 7.5 0.0 15.2

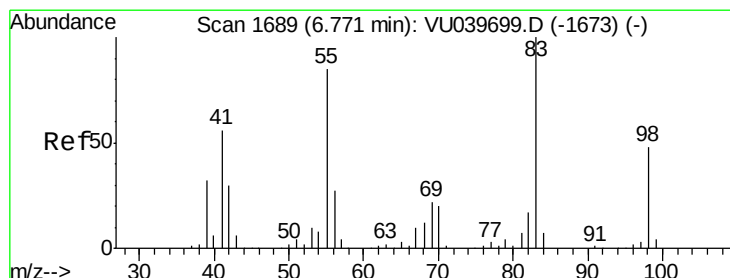
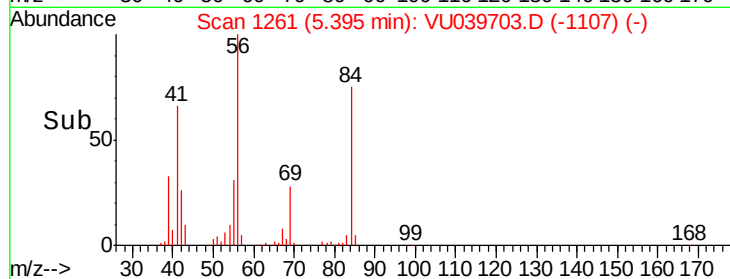
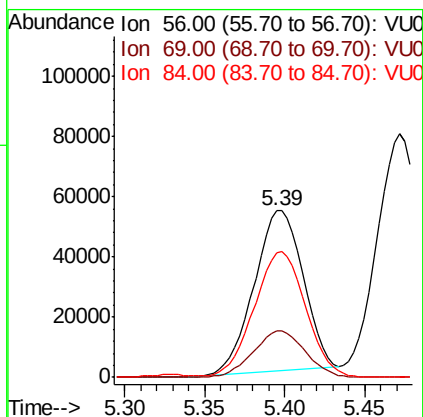
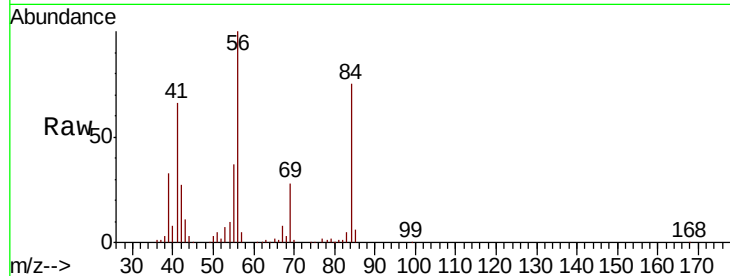




#19
Cyclohexane
Concen: 7.948 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

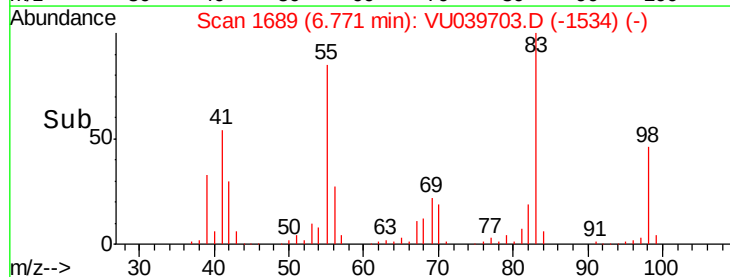
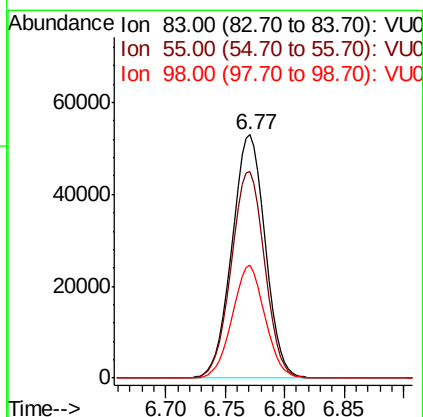
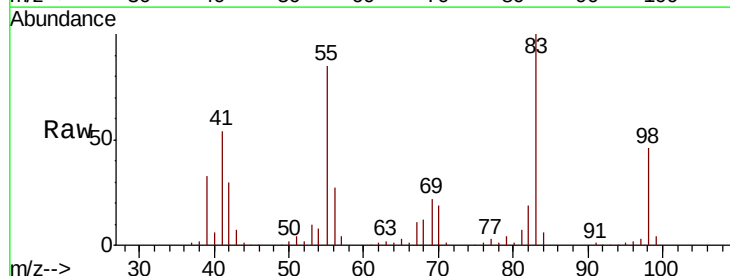
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

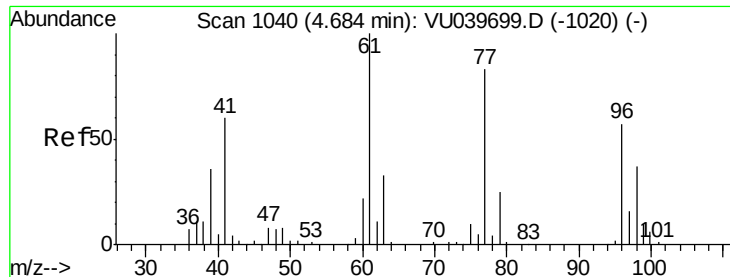
Tot Ion: 56 Resp: 112297
Ion Ratio Lower Upper
56 100
69 30.8 22.8 34.2
84 81.3 59.9 89.9



#20
Methylcyclohexane
Concen: 9.835 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 83 Resp: 102956
Ion Ratio Lower Upper
83 100
55 84.7 67.6 101.4
98 45.5 37.3 55.9

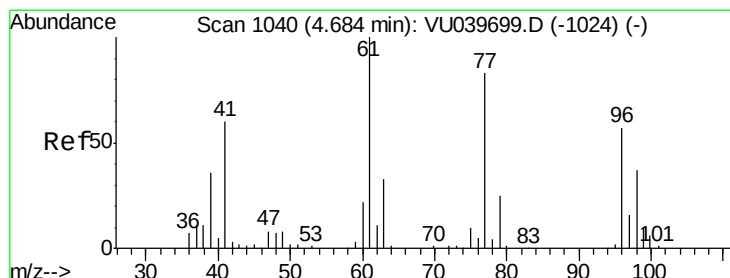
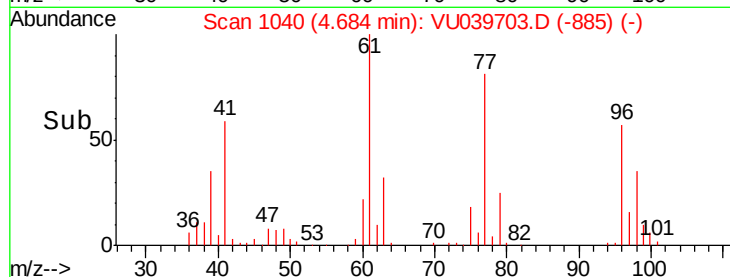
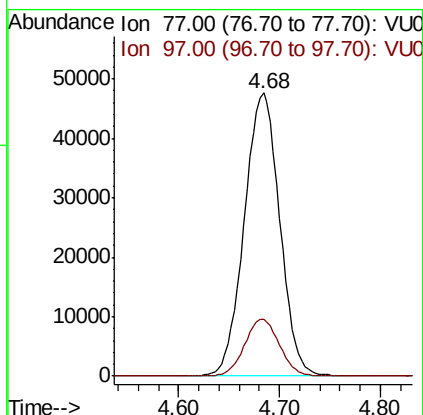
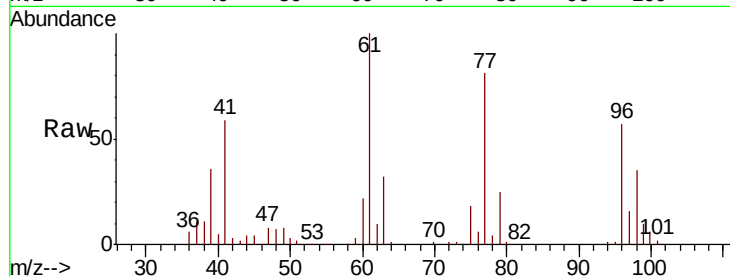




#21
 2,2-Dichloropropane
 Concen: 9.722 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

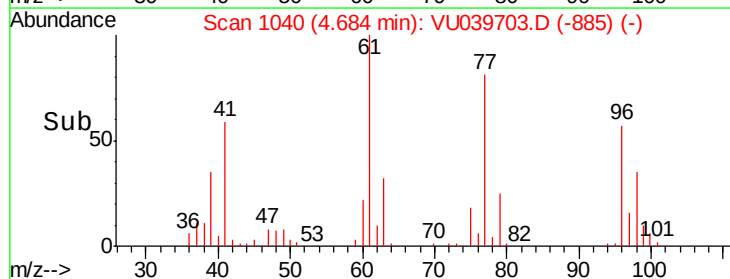
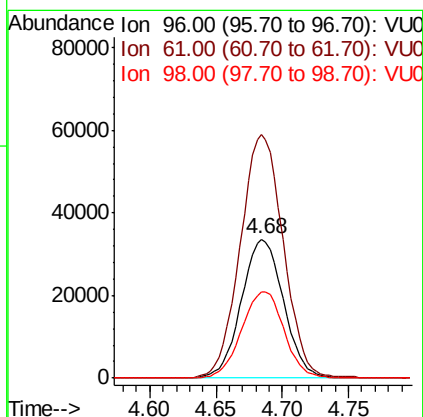
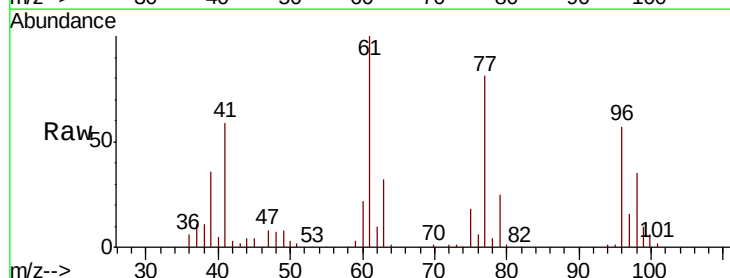
Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU072920

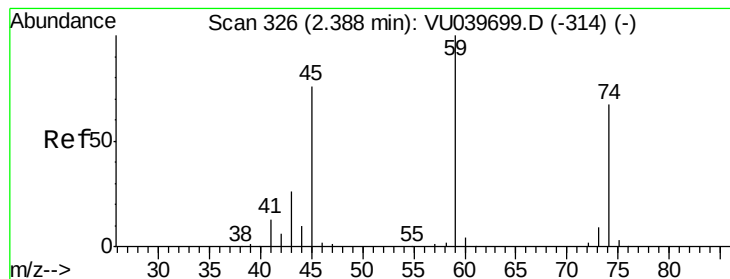
Tot Ion: 77 Resp: 115769
 Ion Ratio Lower Upper
 77 100
 97 19.6 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 10.336 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 96 Resp: 74057
 Ion Ratio Lower Upper
 96 100
 61 179.7 0.0 451.3
 98 62.8 32.6 98.0





#23

Diethyl Ether

Concen: 9.080 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

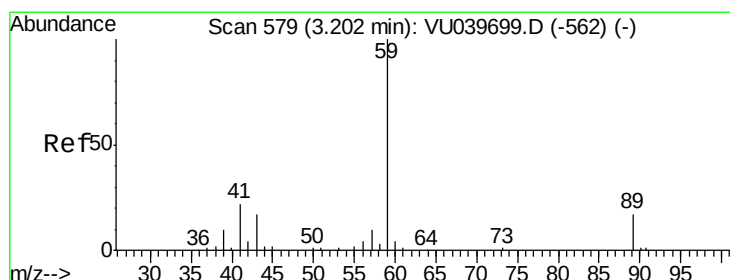
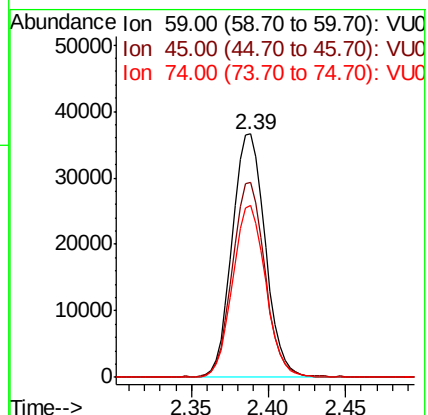
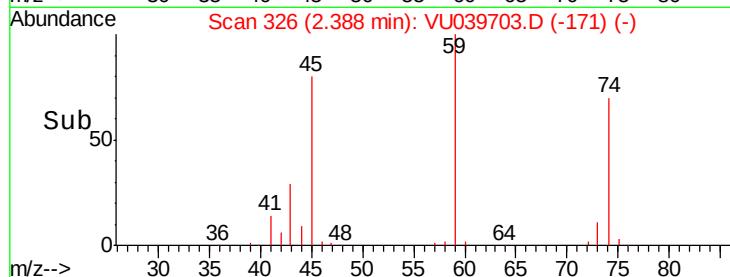
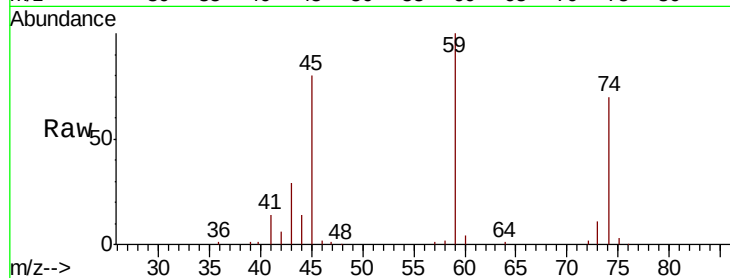
Tot Ion: 59 Resp: 54281

Ion Ratio Lower Upper

59 100

45 79.5 61.5 92.3

74 70.6 54.3 81.5



#24

tert-Butyl Alcohol

Concen: 46.305 ug/l

RT: 3.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: VU039703.D

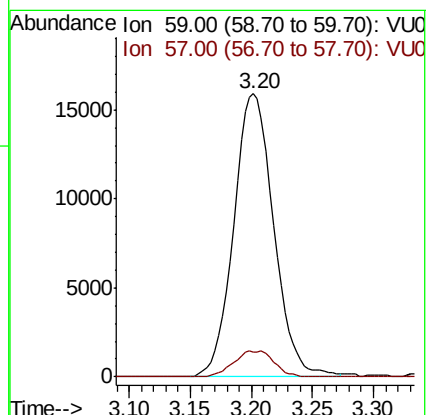
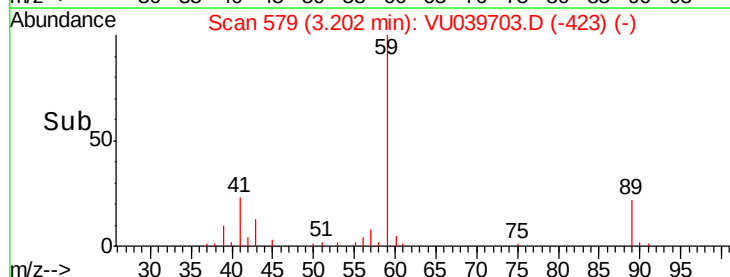
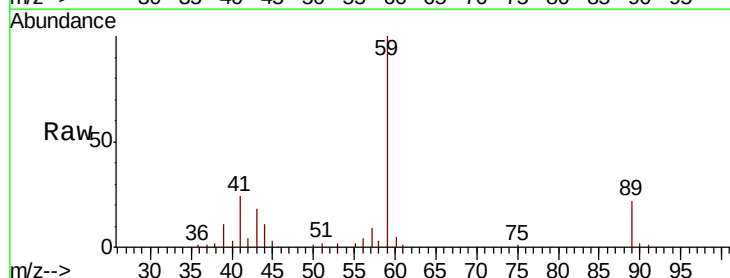
Acq: 29 Jul 2020 14:36

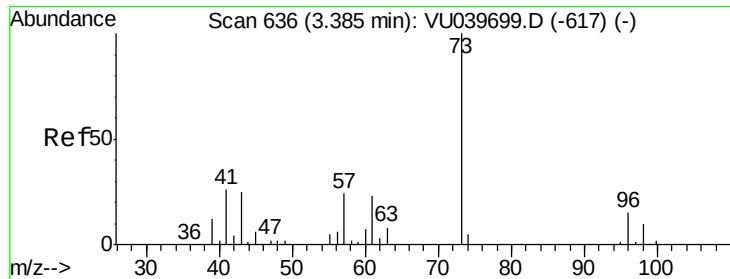
Tgt Ion: 59 Resp: 36136

Ion Ratio Lower Upper

59 100

57 9.1 7.8 11.6

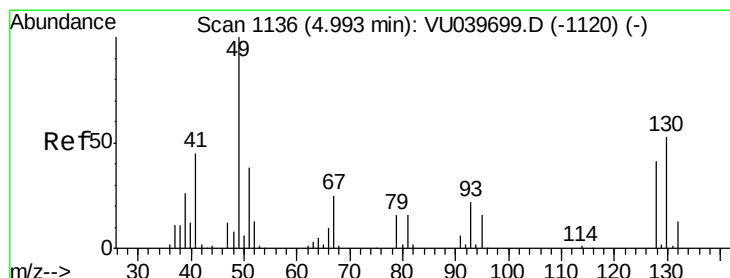
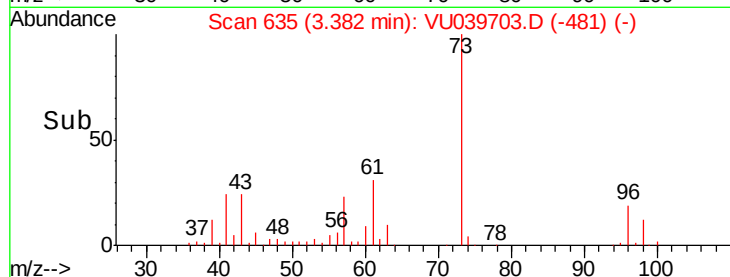
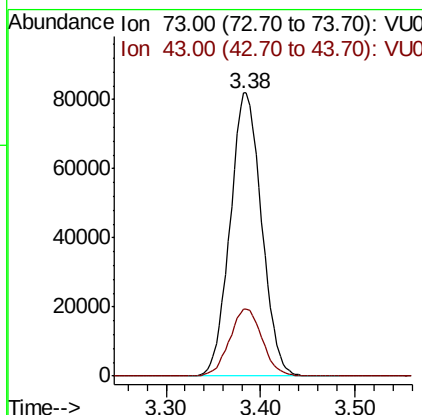
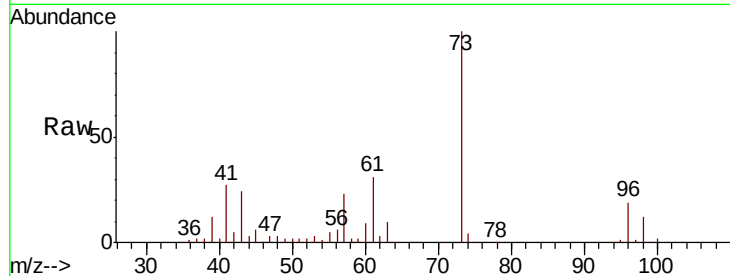




#25
Methyl tert-Butyl Ether
Concen: 9.942 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

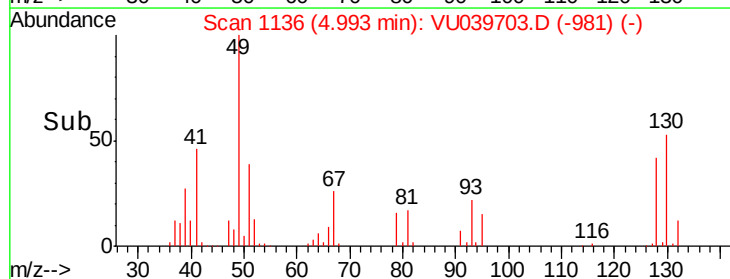
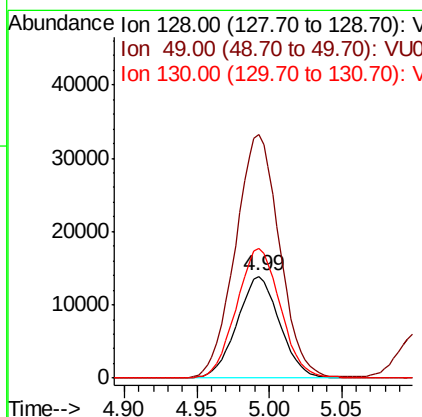
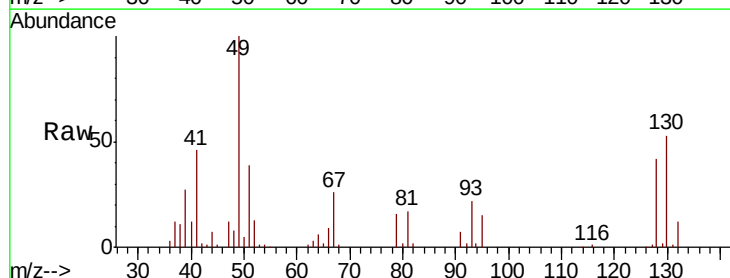
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

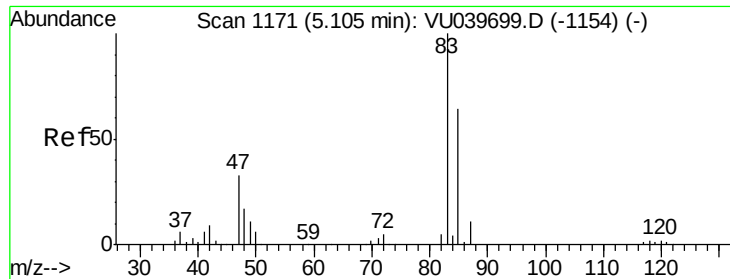
Tot Ion: 73 Resp: 189669
Ion Ratio Lower Upper
73 100
43 24.1 20.1 30.1



#26
Bromochloromethane
Concen: 9.653 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 128 Resp: 28297
Ion Ratio Lower Upper
128 100
49 249.5 0.0 503.8
130 131.7 102.7 154.1

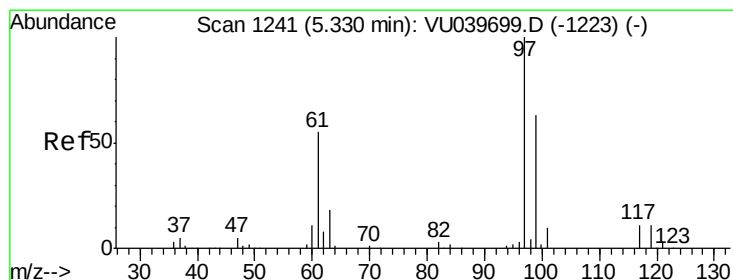
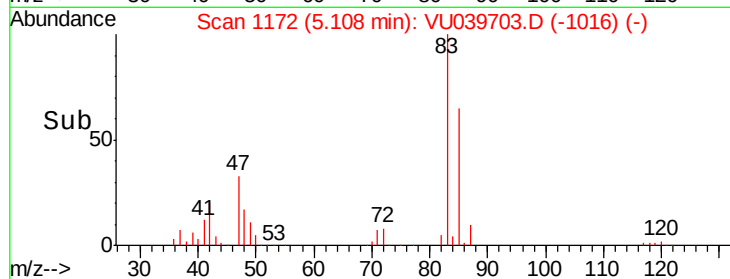
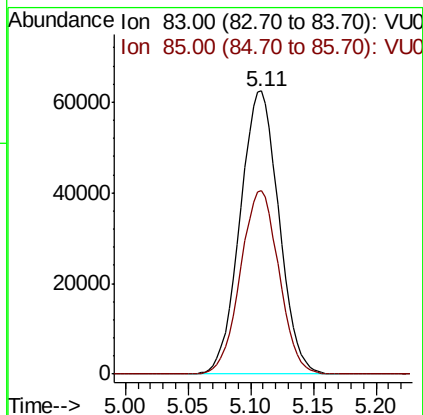
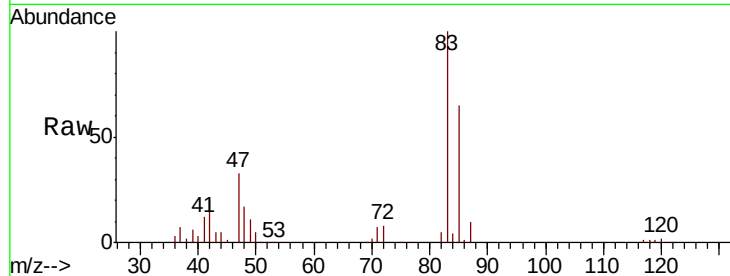




#27
Chloroform
Concen: 9.838 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

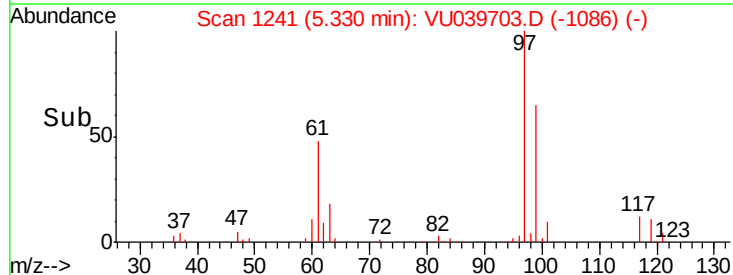
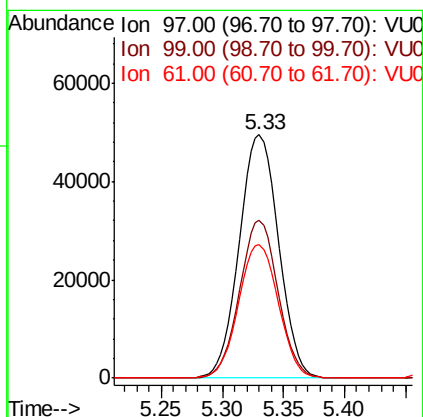
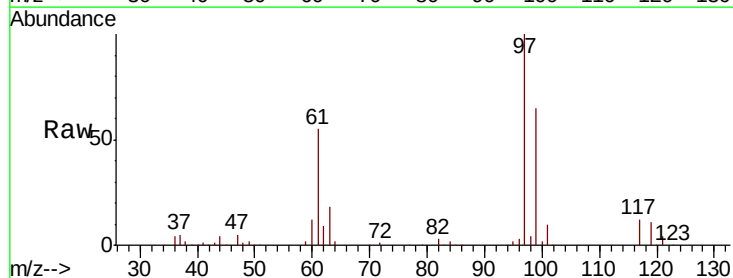
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

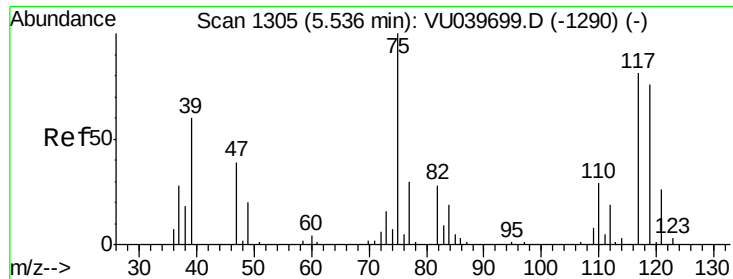
Tot Ion: 83 Resp: 134396
Ion Ratio Lower Upper
83 100
85 65.1 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 9.998 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 97 Resp: 110519
Ion Ratio Lower Upper
97 100
99 63.4 32.2 96.6
61 55.6 28.3 85.0





#29

1,1-Dichloropropene

Concen: 9.644 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

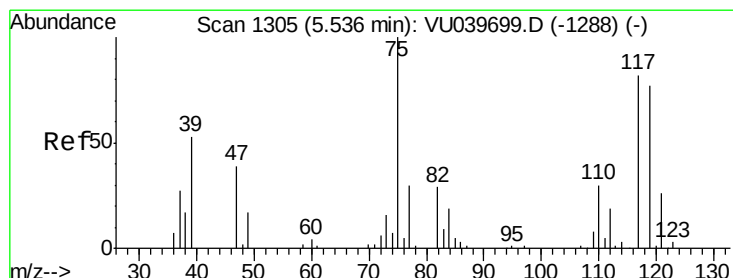
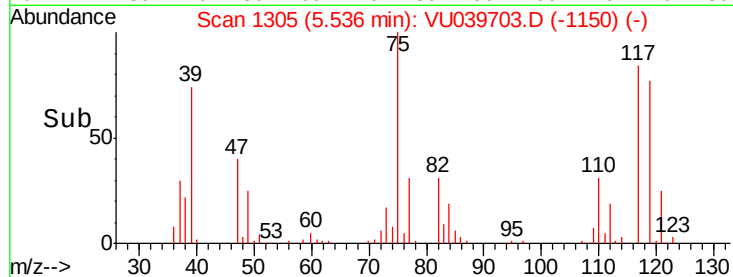
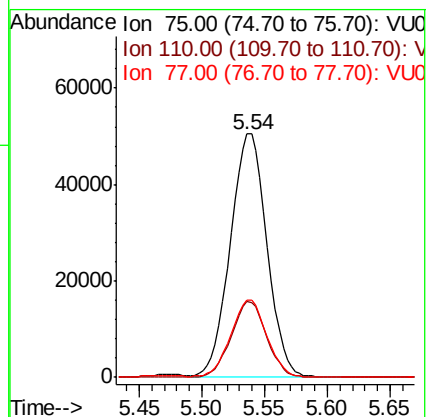
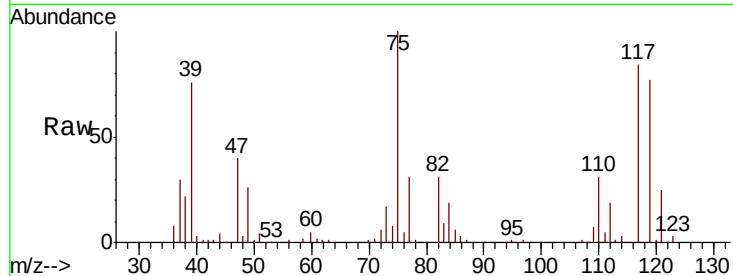
Tot Ion: 75 Resp: 102654

Ion Ratio Lower Upper

75 100

110 30.0 14.6 44.0

77 31.4 25.0 37.4



#30

Carbon Tetrachloride

Concen: 9.950 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

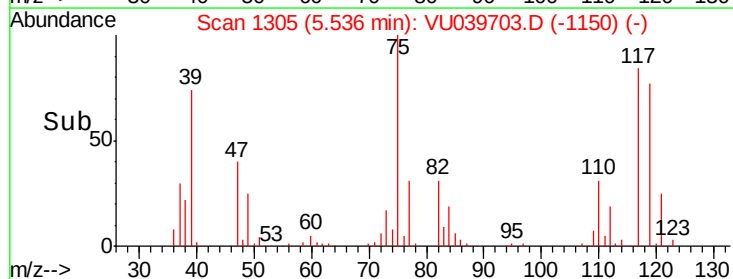
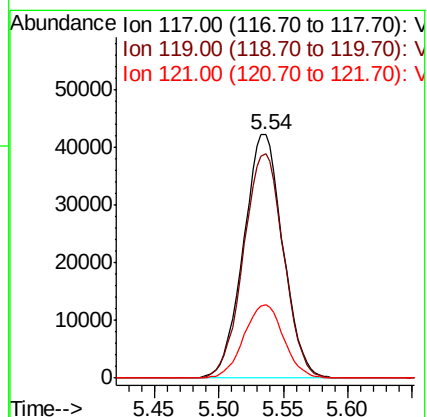
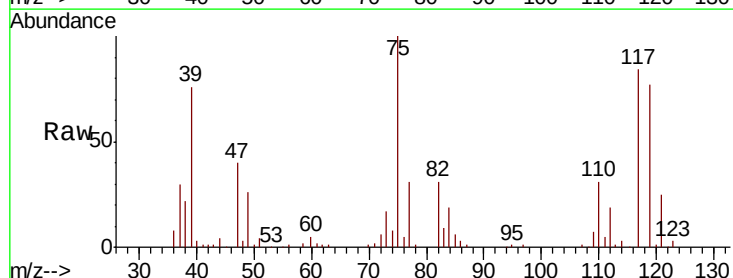
Tgt Ion: 117 Resp: 89937

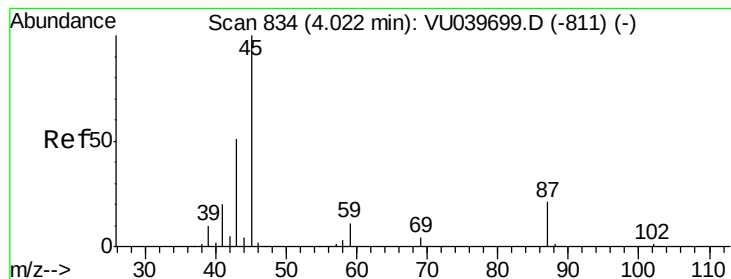
Ion Ratio Lower Upper

117 100

119 92.0 75.2 112.8

121 30.1 25.4 38.2





#31

Isopropyl Ether

Concen: 10.278 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

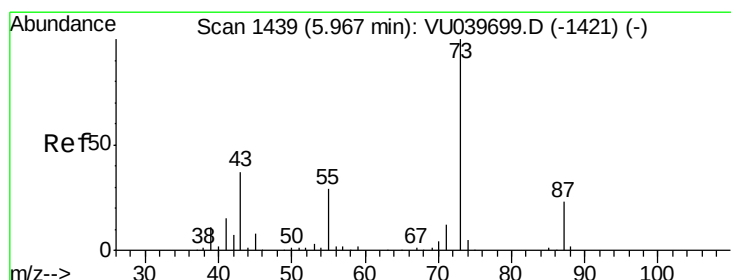
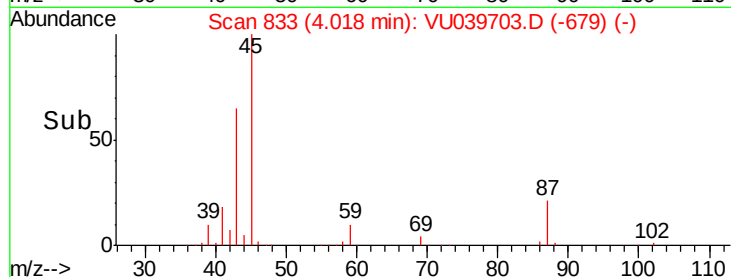
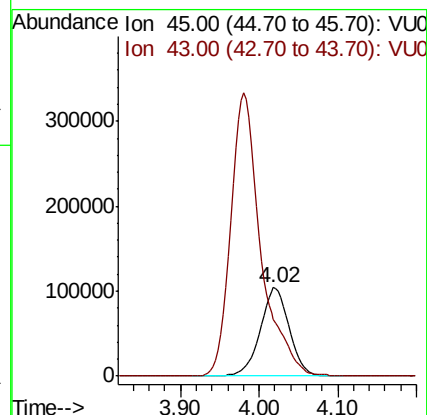
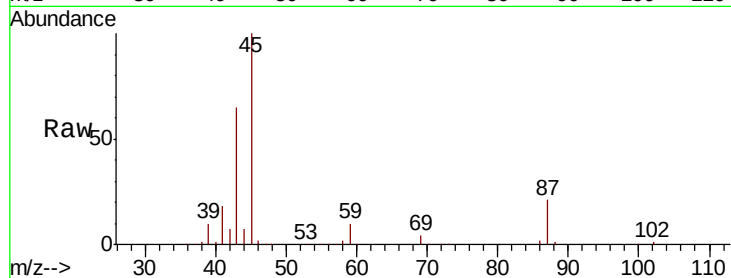
ICVVU072920

Tot Ion: 45 Resp: 273632

Ion Ratio Lower Upper

45 100

43 322.1 26.5 79.4#



#33

Tert-Amyl methyl ether

Concen: 0.263 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.18 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

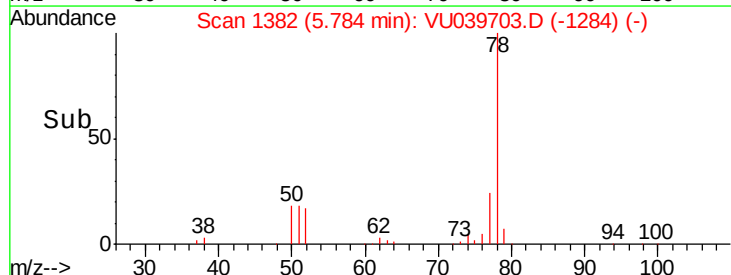
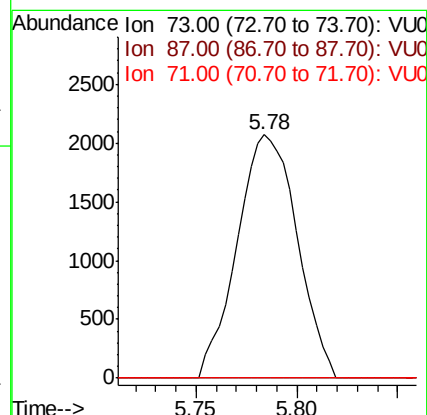
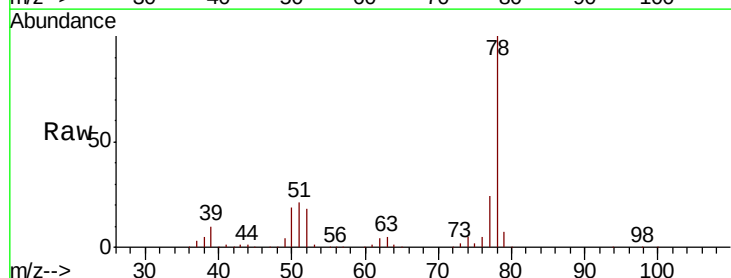
Tgt Ion: 73 Resp: 4291

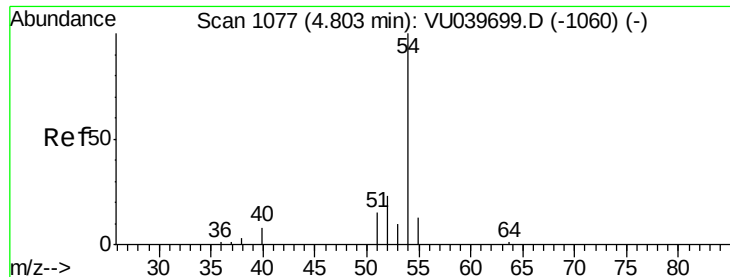
Ion Ratio Lower Upper

73 100

87 267.0 18.7 28.1#

71 0.0 9.1 13.7#





#34

Propionitrile

Concen: 97.337 ug/l

RT: 4.80 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tot Ion: 54 Resp: 77971

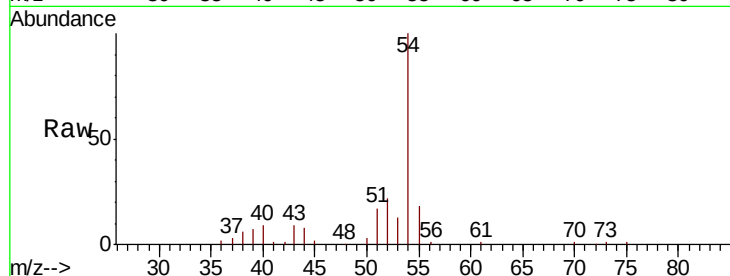
Ion Ratio Lower Upper

54 100

52 20.1 16.9 25.3

55 16.4 12.9 19.3

40 8.3 6.2 9.2

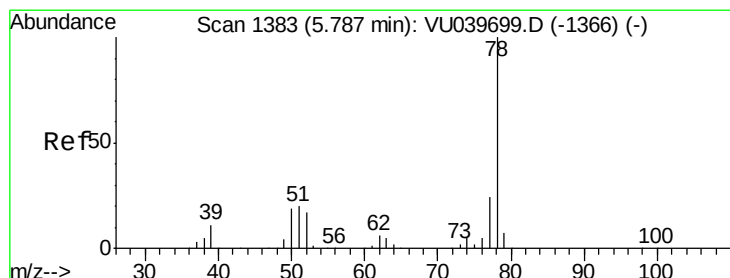
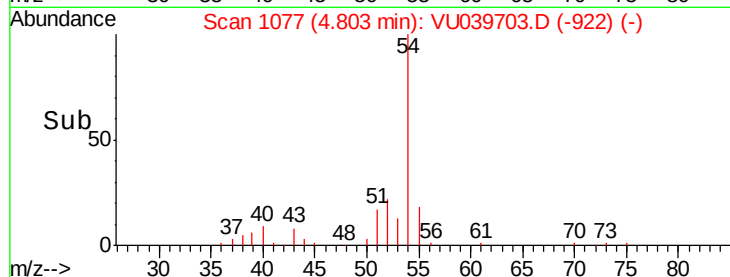
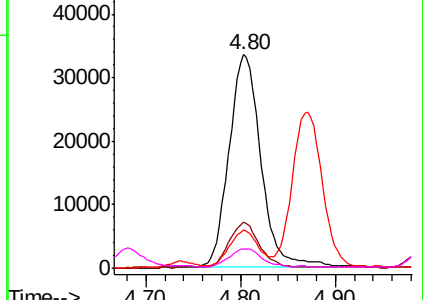


Abundance Ion 54.00 (53.70 to 54.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 40.00 (39.70 to 40.70): VU0



#35

Benzene

Concen: 9.780 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039703.D

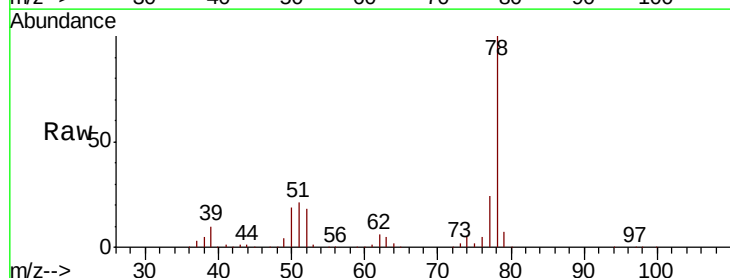
Acq: 29 Jul 2020 14:36

Tgt Ion: 78 Resp: 257493

Ion Ratio Lower Upper

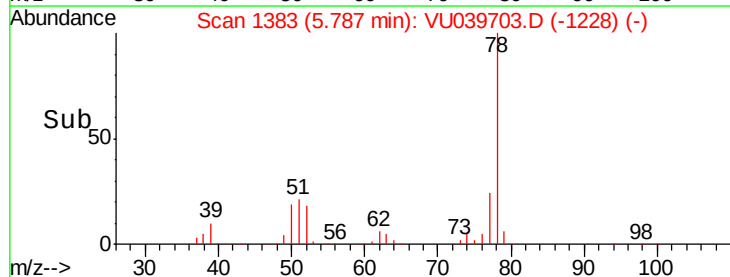
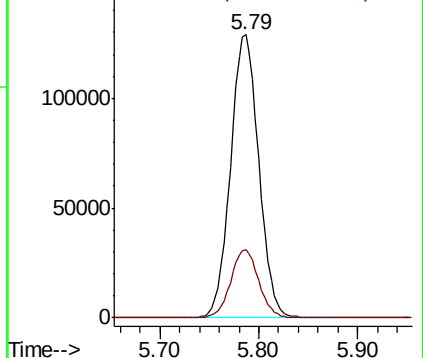
78 100

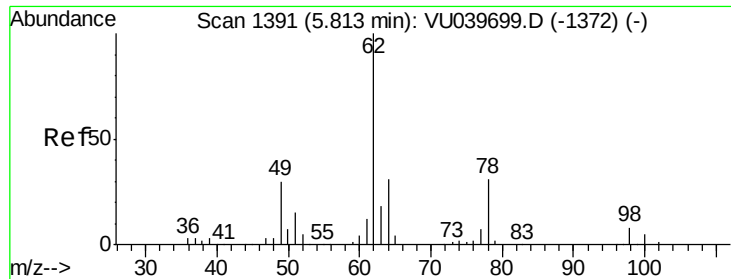
77 24.0 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

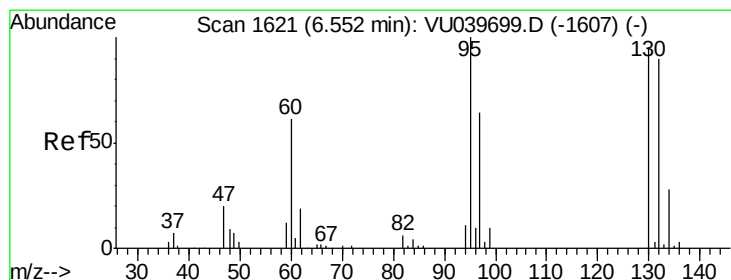
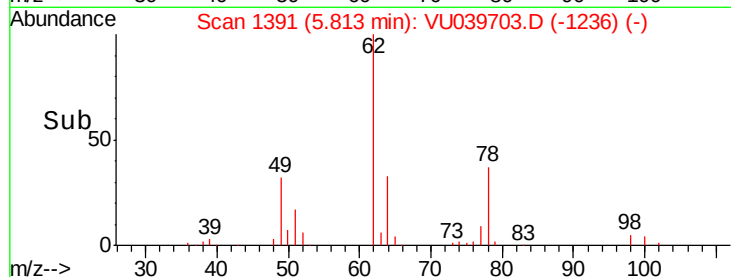
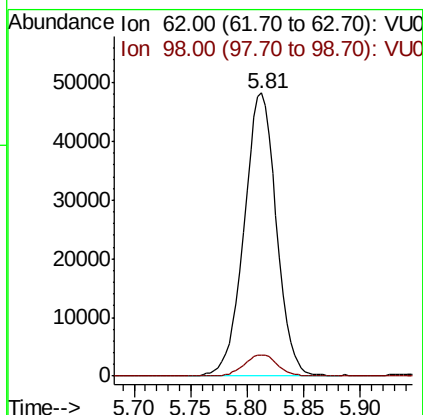
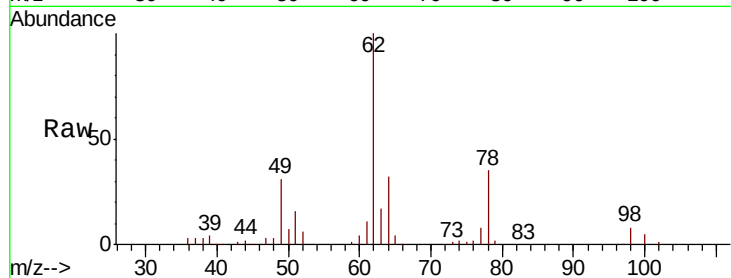




#36
 1,2-Dichloroethane
 Concen: 9.730 ug/l
 RT: 5.81 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

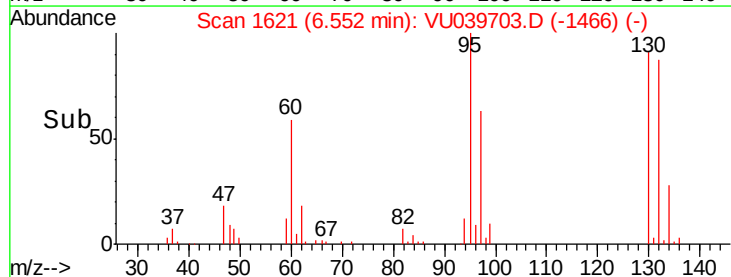
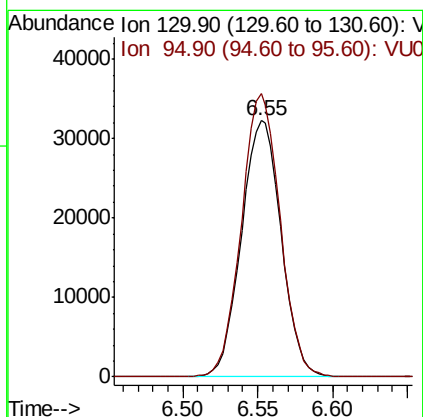
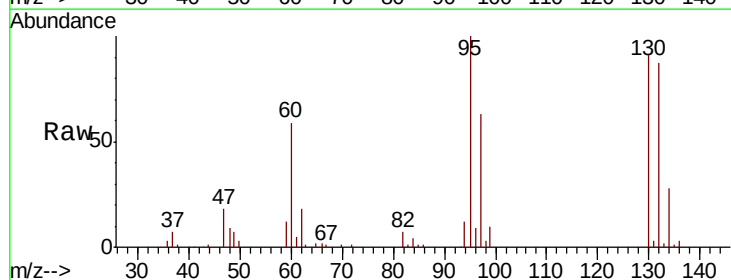
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

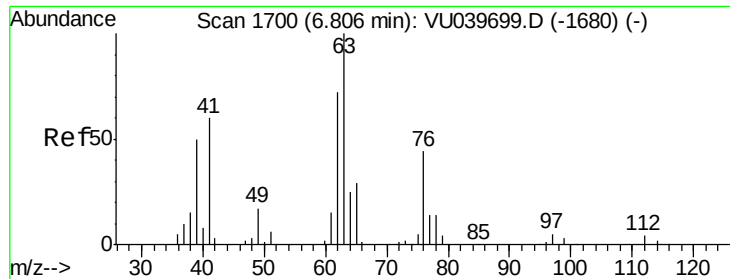
Tot Ion: 62 Resp: 96036
 Ion Ratio Lower Upper
 62 100
 98 7.7 6.2 9.2



#37
 Trichloroethene
 Concen: 9.906 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion:130 Resp: 59677
 Ion Ratio Lower Upper
 130 100
 95 110.4 84.3 126.5

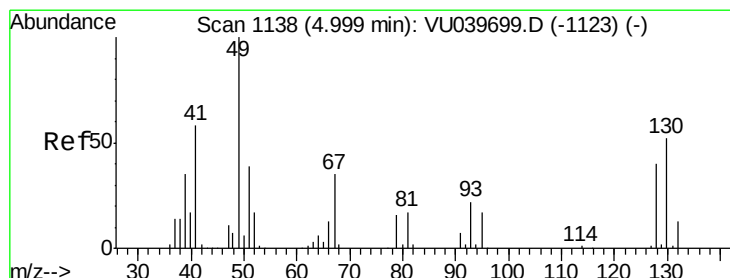
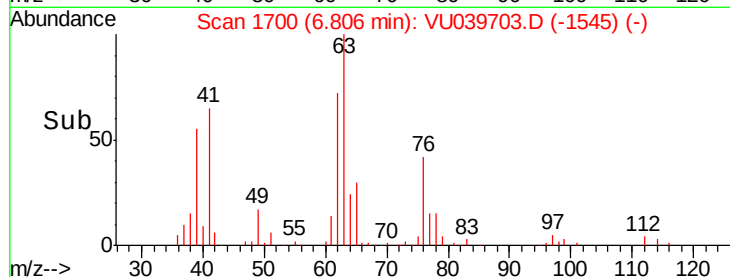
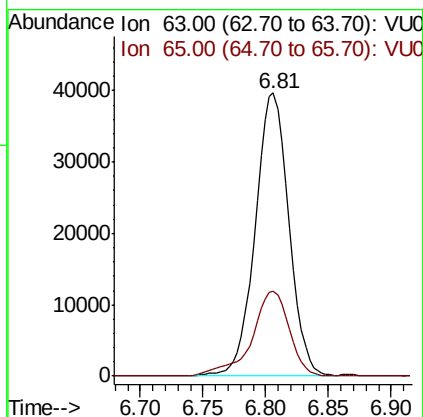
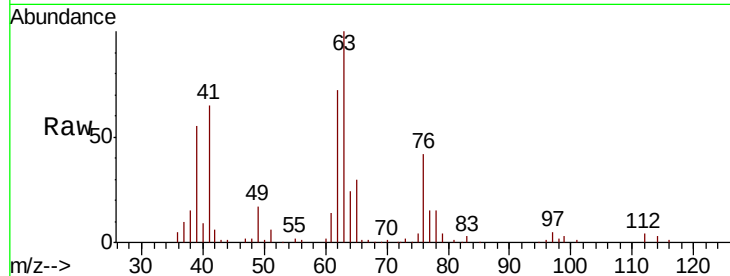




#38
 1,2-Dichloropropane
 Concen: 10.216 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

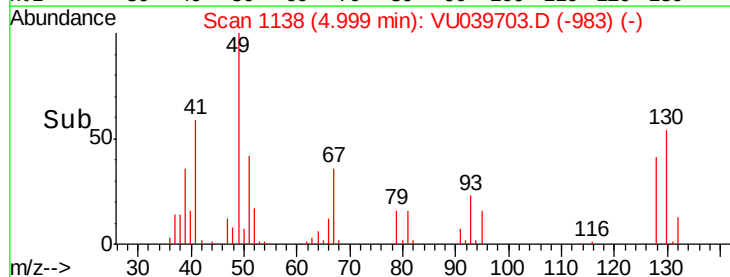
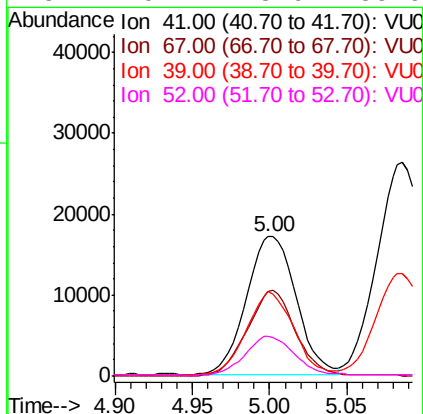
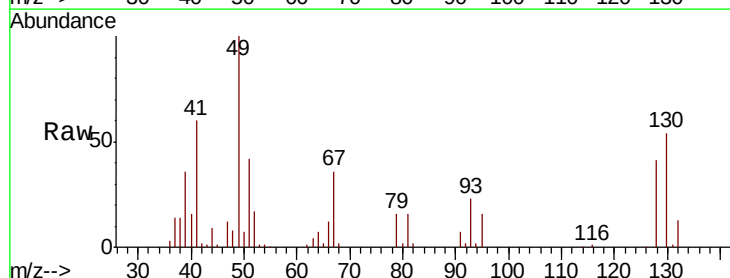
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

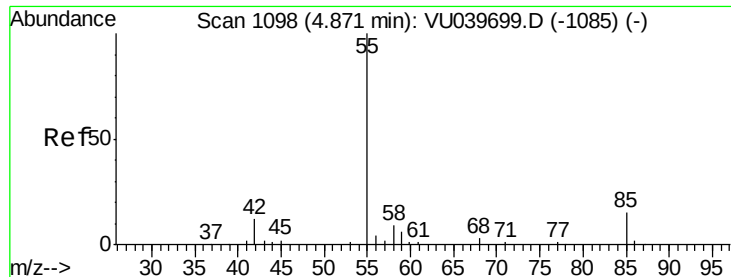
Tot Ion: 63 Resp: 74138
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.6



#39
 Methacrylonitrile
 Concen: 9.147 ug/l
 RT: 5.00 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 41 Resp: 38613
 Ion Ratio Lower Upper
 41 100
 67 59.9 48.3 72.5
 39 56.6 47.6 71.4
 52 29.1 23.9 35.9

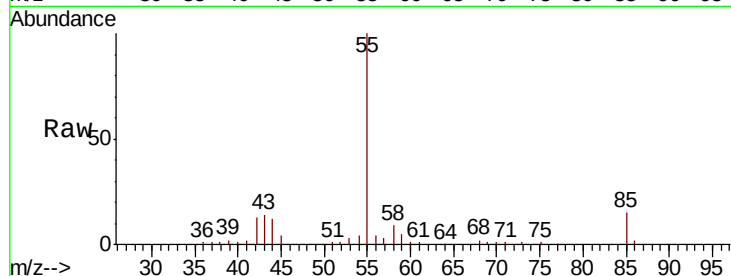




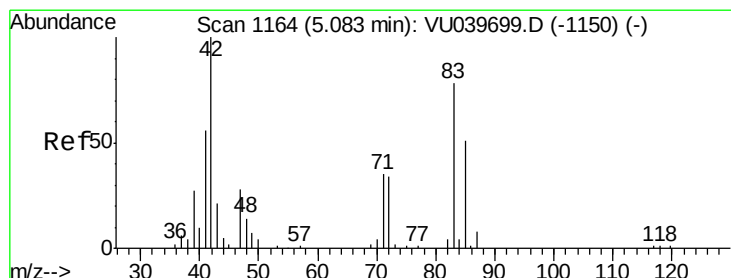
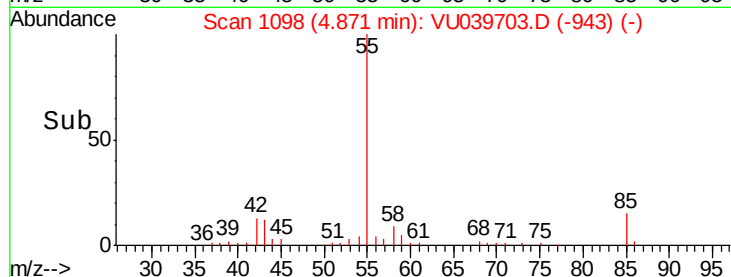
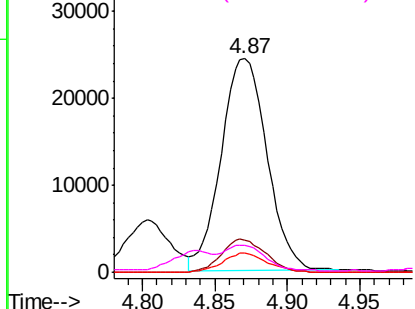
#40
Methvl acrylate
Concen: 9.829 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tot Ion:	55	Resp:	53503
Ion	Ratio	Lower	Upper
55	100		
85	15.0	11.4	17.0
58	8.8	7.4	11.0
42	11.5	10.3	15.5

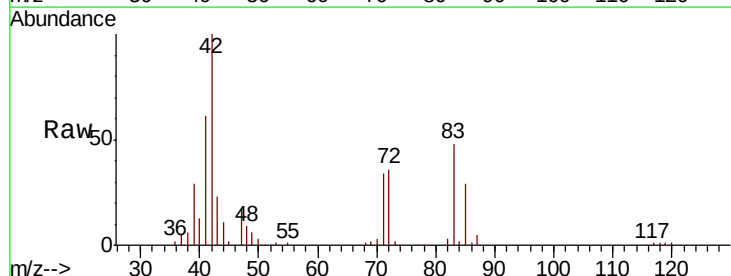


Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0

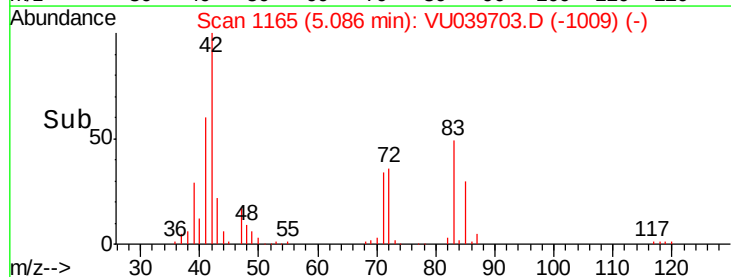
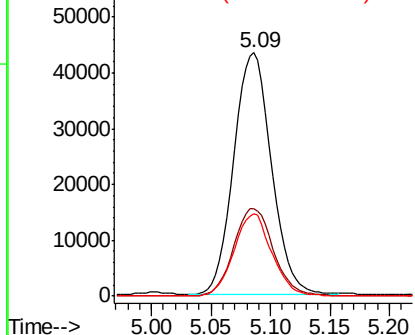


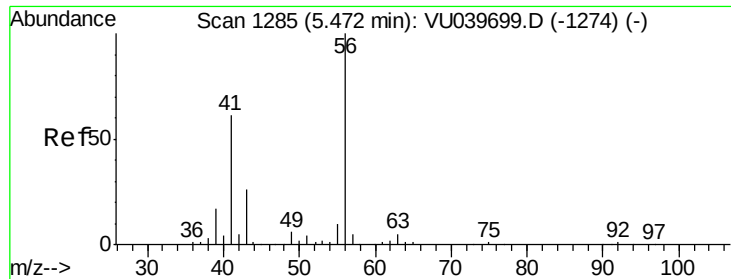
#41
Tetrahydrofuran
Concen: 45.035 ug/l
RT: 5.09 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion:	42	Resp:	95651
Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.0	46.6
71	34.1	28.2	42.4



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

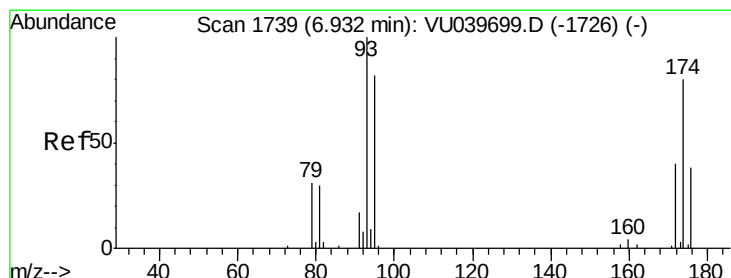
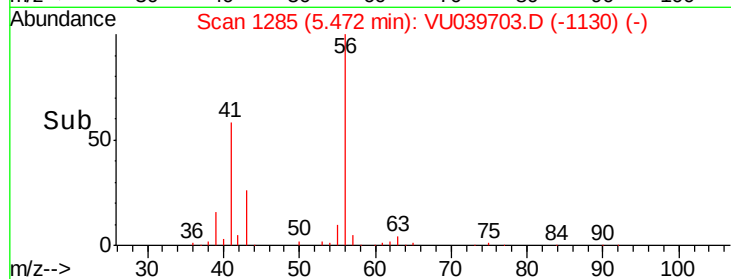
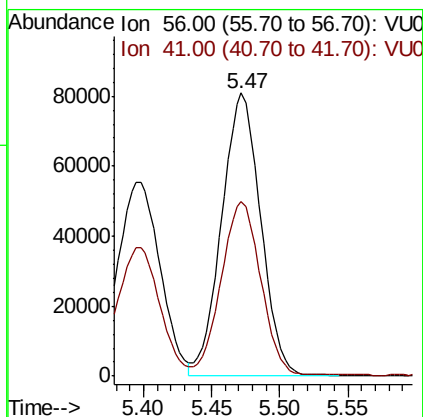
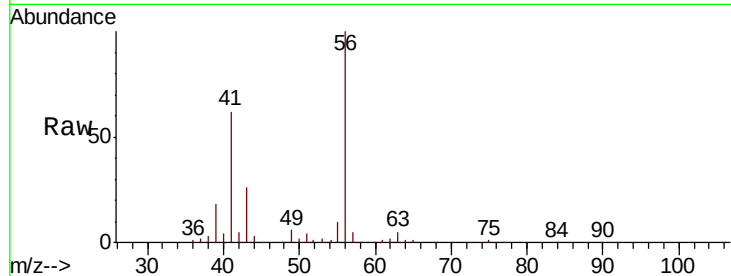




#42
1-Chlorobutane
Concen: 9.594 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

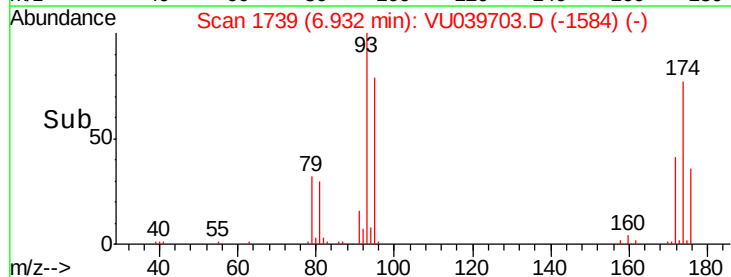
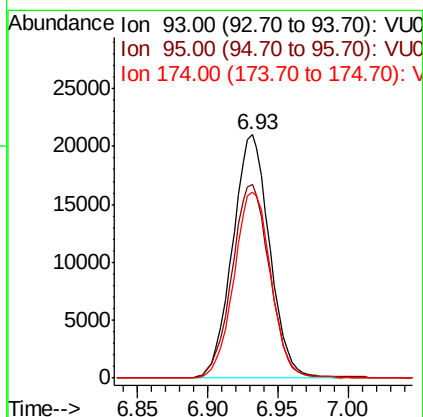
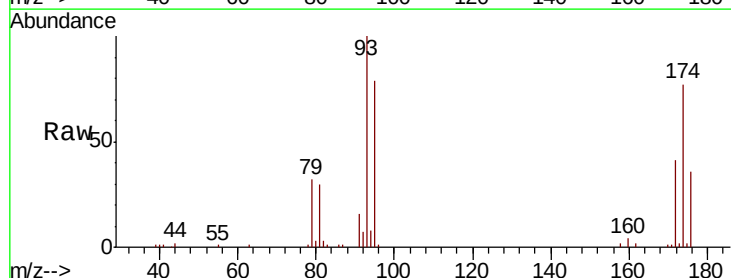
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

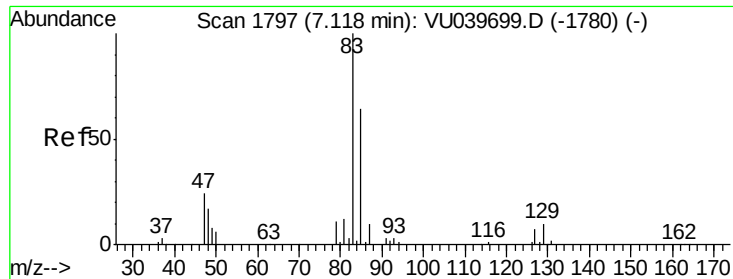
Tot Ion: 56 Resp: 160285
Ion Ratio Lower Upper
56 100
41 61.5 30.5 91.5



#43
Dibromomethane
Concen: 9.890 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 93 Resp: 38619
Ion Ratio Lower Upper
93 100
95 81.1 66.6 99.8
174 76.2 62.7 94.1





#44

Bromodichloromethane

Concen: 10.440 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

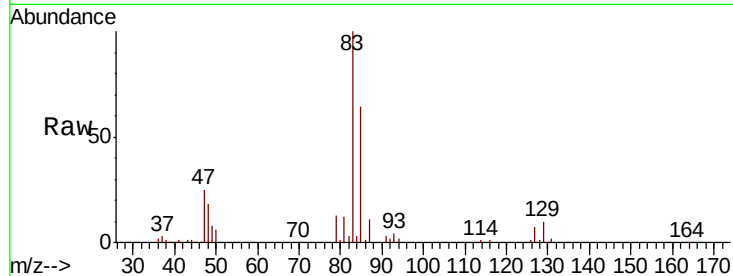
Tot Ion: 83 Resp: 93476

Ion Ratio Lower Upper

83 100

85 64.3 50.8 76.2

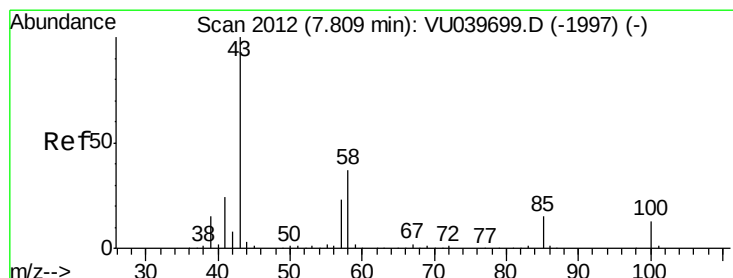
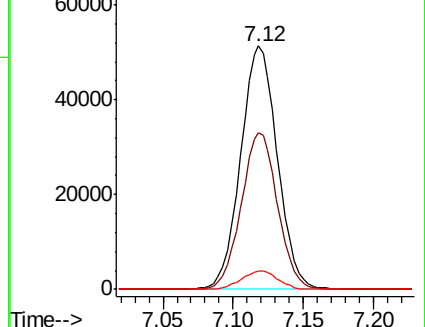
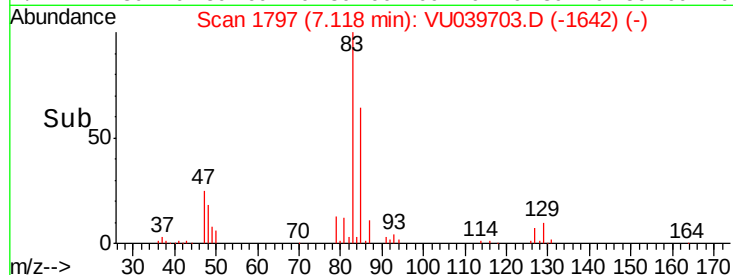
127 7.3 5.8 8.6



Abundance Ion 83.00 (82.70 to 83.70): VU039703.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039703.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039703.D (-1642) (-)



#45

4-Methyl-2-Pentanone

Concen: 52.152 ug/l

RT: 7.81 min Scan# 2012

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

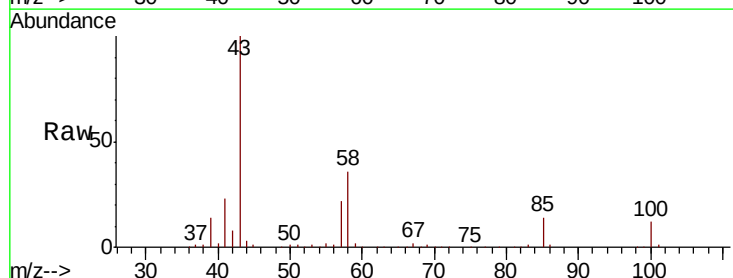
Tgt Ion: 43 Resp: 308504

Ion Ratio Lower Upper

43 100

58 35.8 18.4 55.0

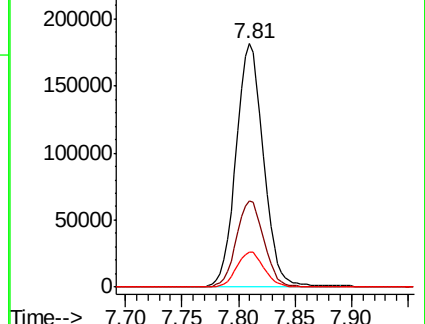
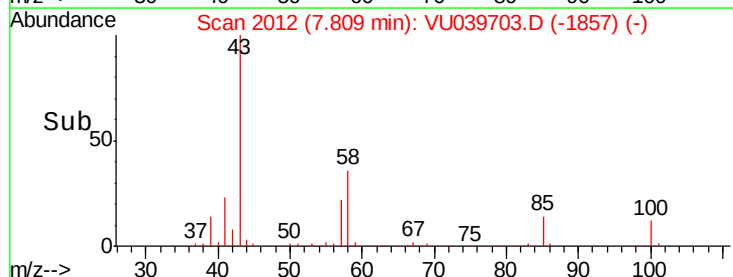
85 14.5 11.8 17.6

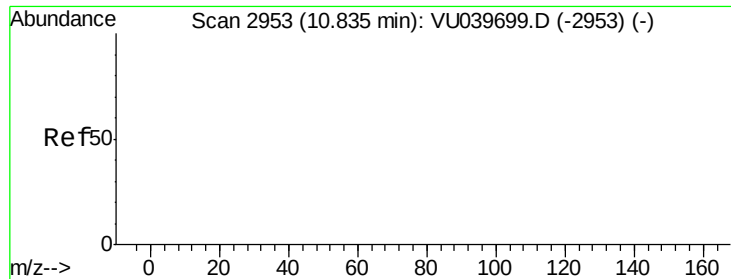


Abundance Ion 43.00 (42.70 to 43.70): VU039703.D (-1857) (-)

Ion 58.00 (57.70 to 58.70): VU039703.D (-1857) (-)

Ion 85.00 (84.70 to 85.70): VU039703.D (-1857) (-)

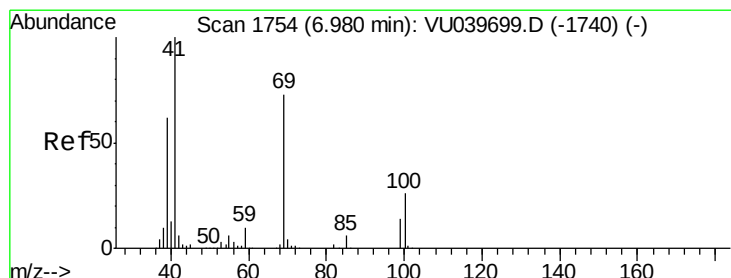
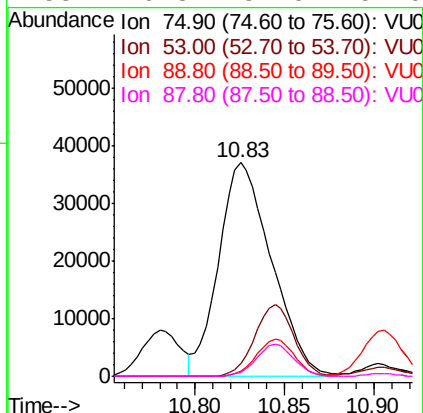
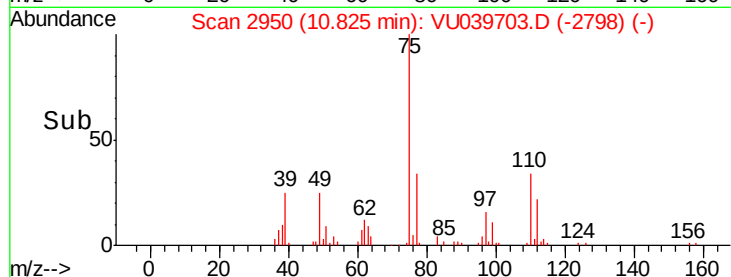
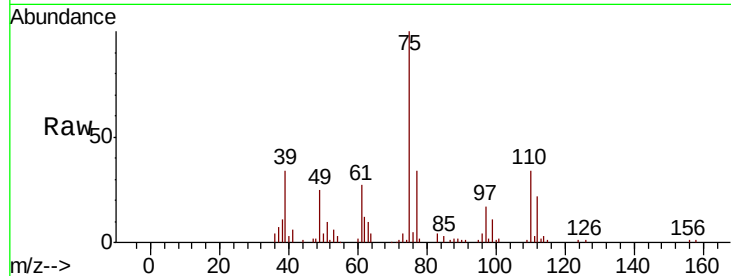




#46
t-1,4-Dichloro-2-butene
Concen: 43.193 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

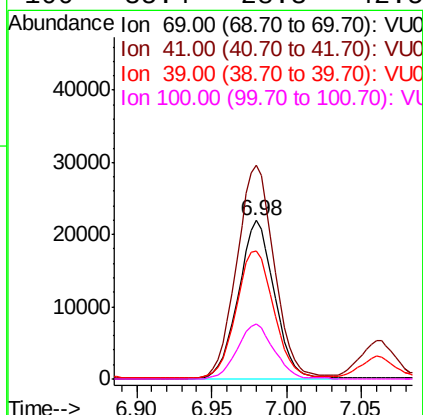
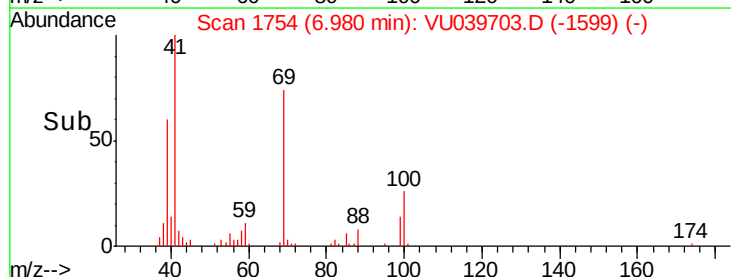
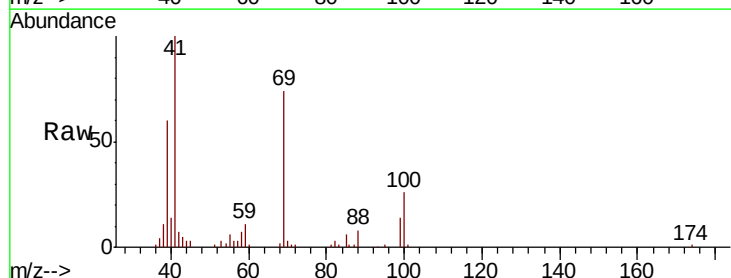
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

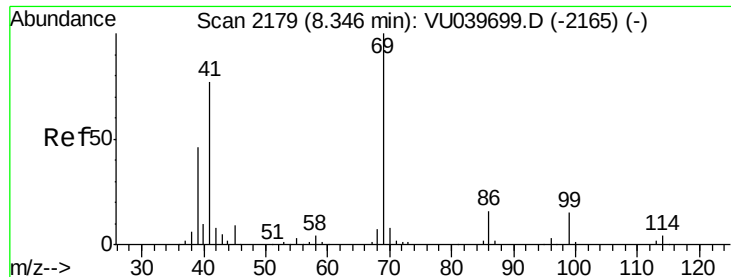
Tot Ion: 75 Resp: 75995
Ion Ratio Lower Upper
75 100
53 25.3 78.6 118.0#
89 12.8 40.3 60.5#
88 10.8 34.0 51.0#



#47
Methyl methacrylate
Concen: 10.126 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 69 Resp: 36880
Ion Ratio Lower Upper
69 100
41 137.8 0.0 271.6
39 83.2 67.4 101.2
100 35.4 28.3 42.5

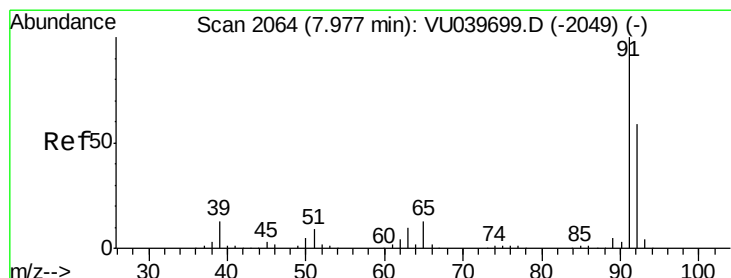
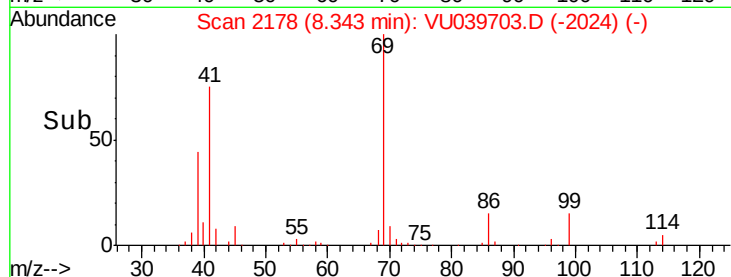
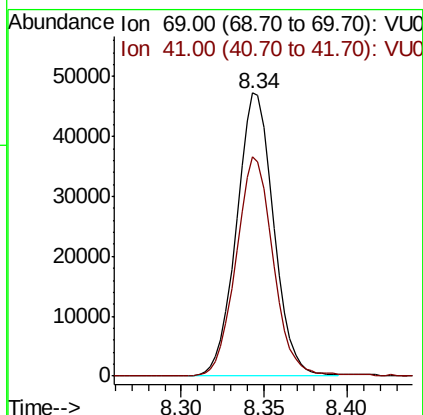
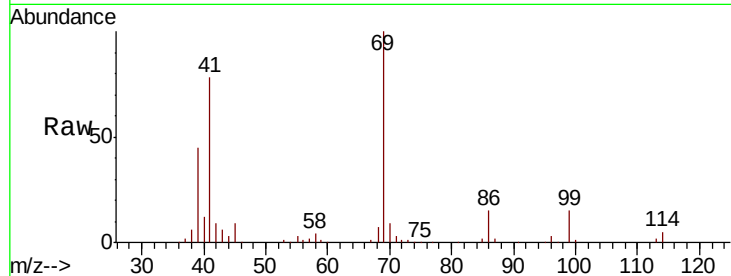




#48
Ethyl methacrylate
Concen: 10.977 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

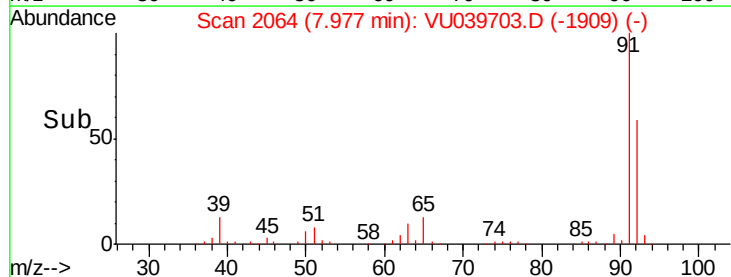
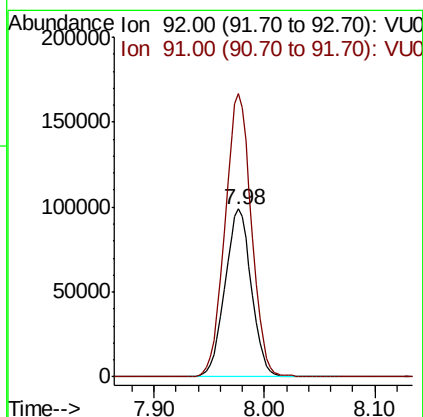
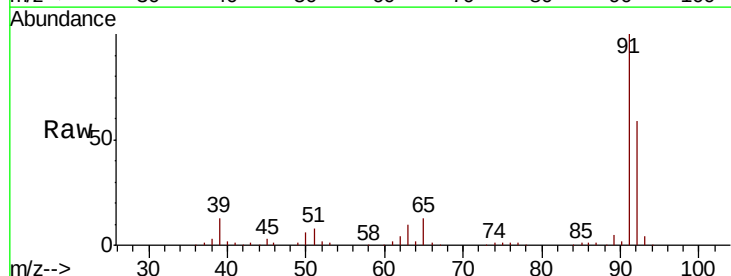
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

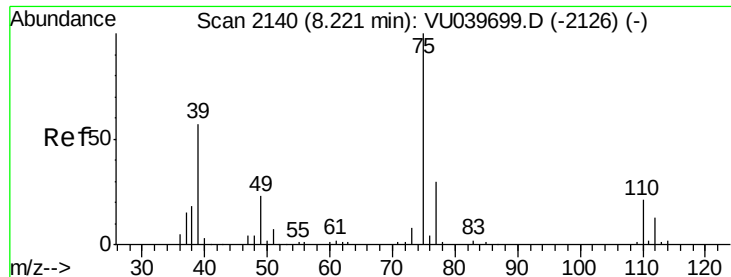
Tot Ion: 69 Resp: 73589
Ion Ratio Lower Upper
69 100
41 77.7 39.1 117.5



#49
Toluene
Concen: 10.501 ug/l
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 92 Resp: 164573
Ion Ratio Lower Upper
92 100
91 168.0 136.1 204.1

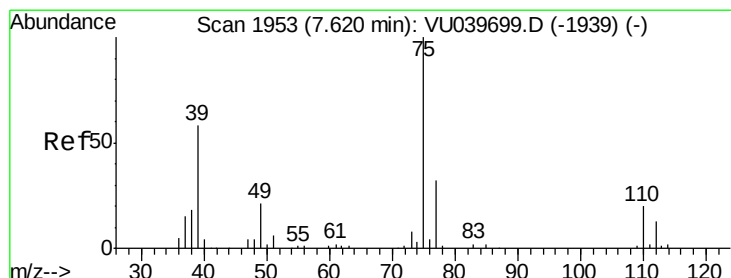
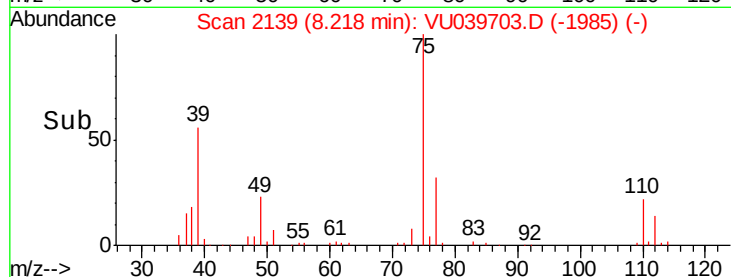
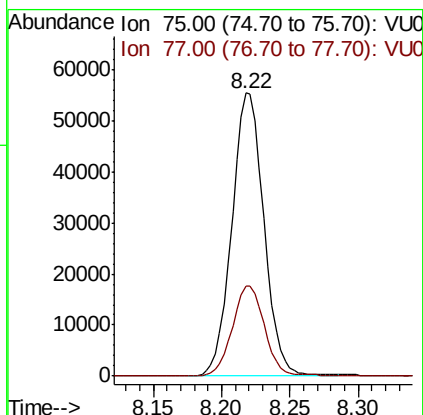
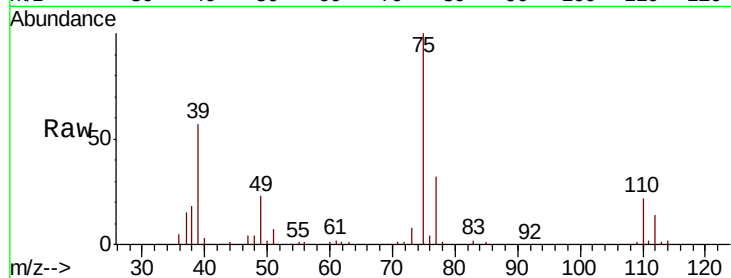




#50
 t-1,3-Dichloropropene
 Concen: 11.216 ug/l
 RT: 8.22 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

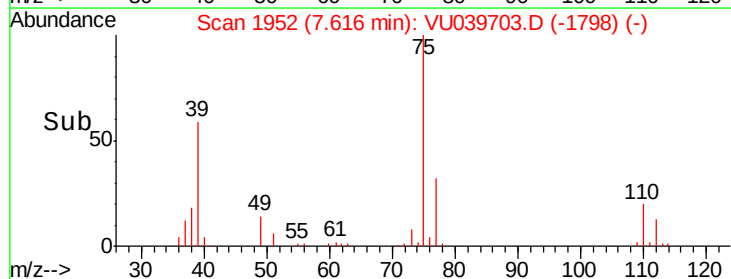
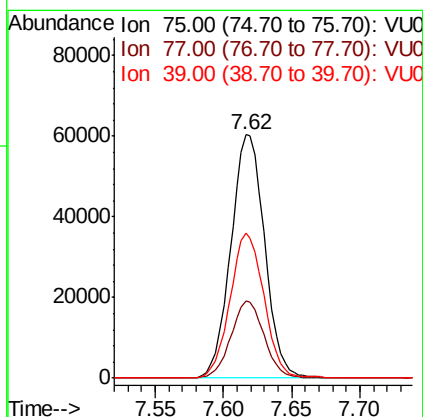
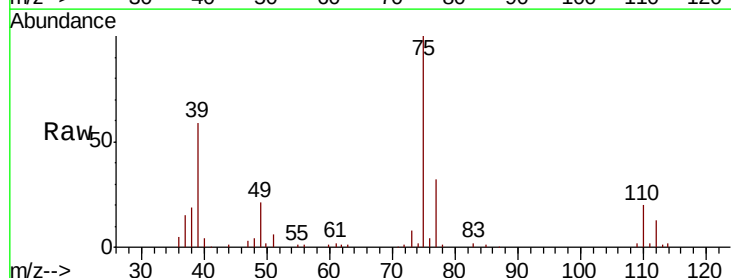
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

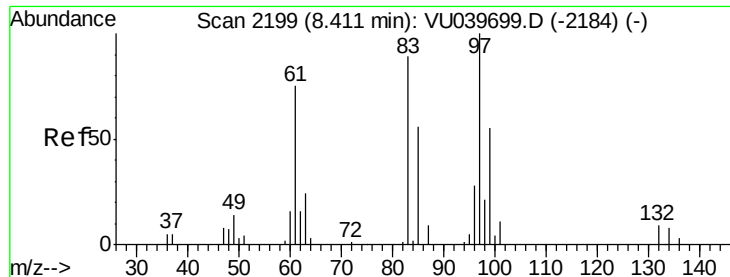
Tot Ion: 75 Resp: 90443
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.3 36.5



#51
 cis-1,3-Dichloropropene
 Concen: 10.960 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 75 Resp: 103875
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 59.4 46.1 69.1

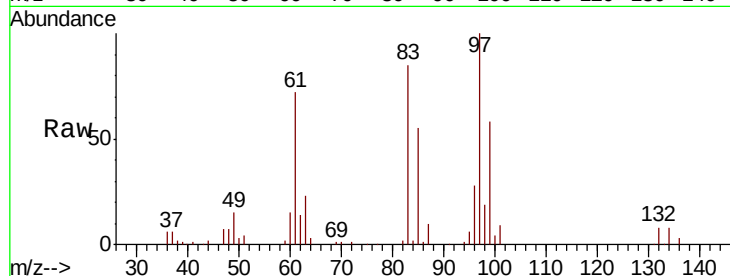




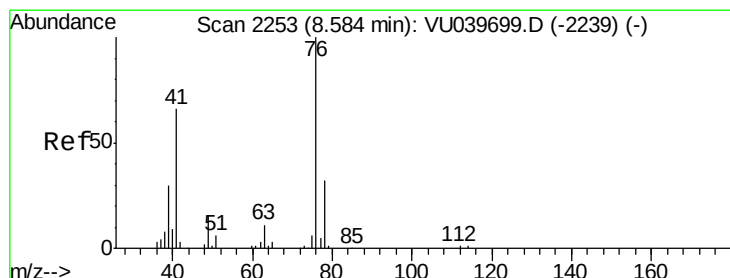
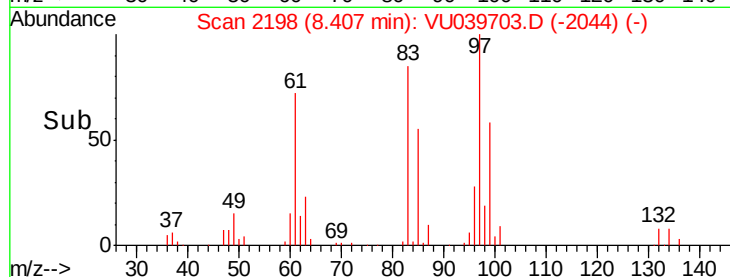
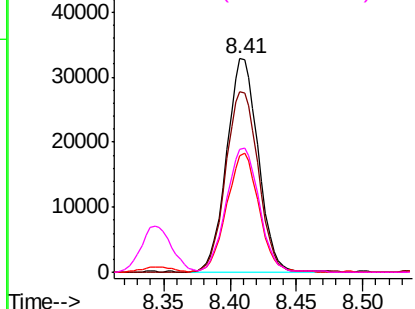
#52
 1,1,2-Trichloroethane
 Concen: 10.730 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tot Ion: 97 Resp: 54439
 Ion Ratio Lower Upper
 97 100
 83 84.7 71.3 106.9
 85 54.6 45.4 68.2
 99 57.8 49.4 74.0

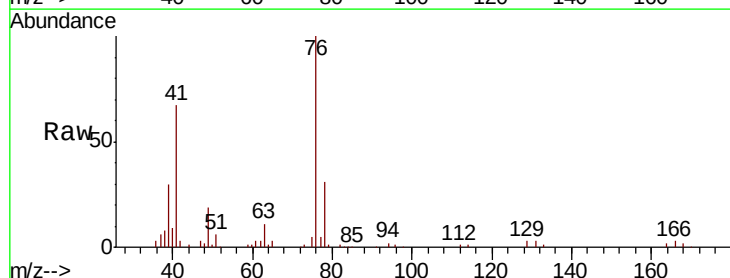


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

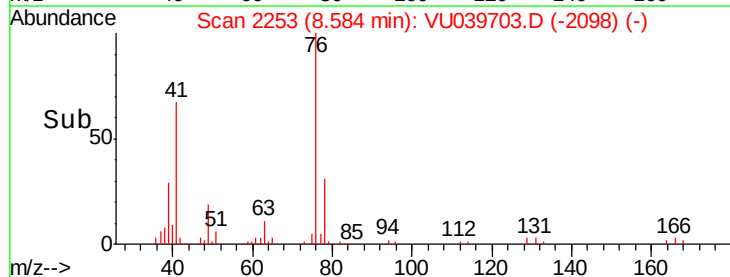
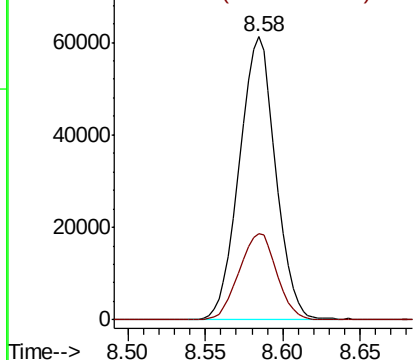


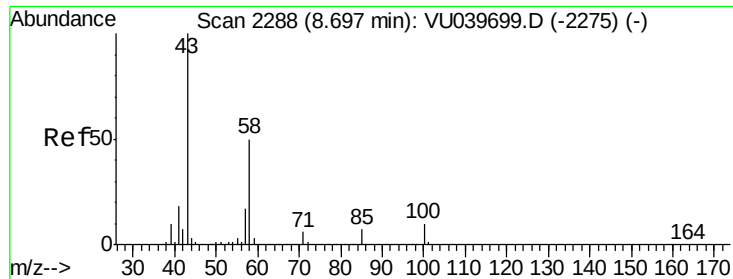
#53
 1,3-Dichloropropane
 Concen: 10.261 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 76 Resp: 99960
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0

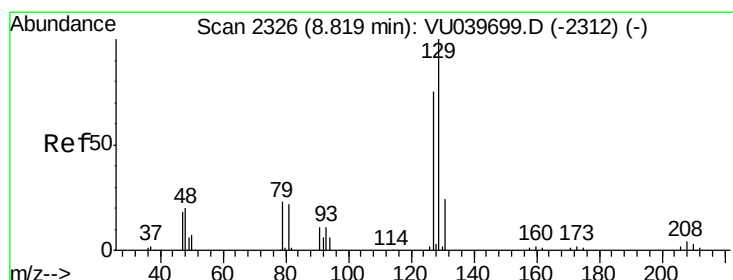
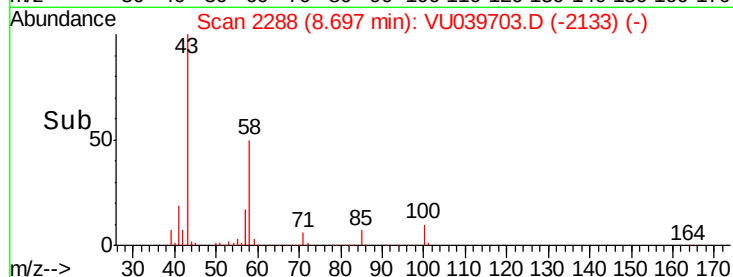
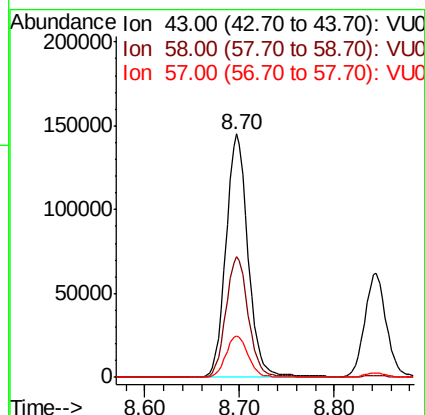
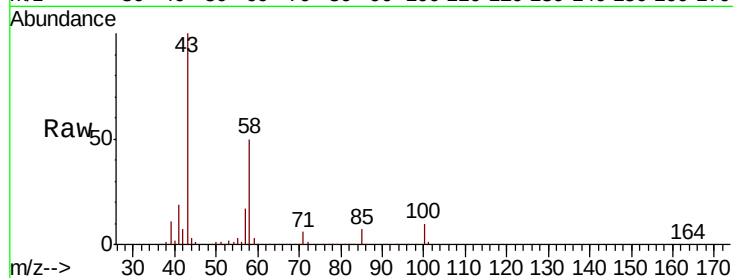




#54
2-Hexanone
Concen: 55.887 ug/l
RT: 8.70 min Scan# 2288
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

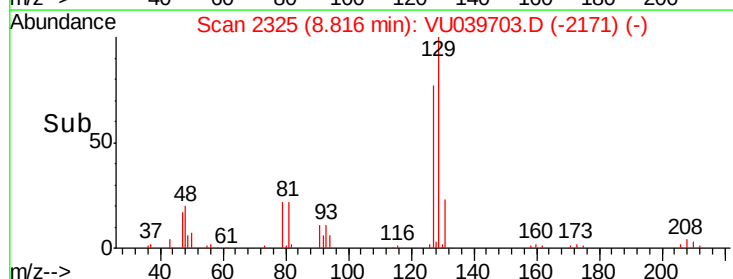
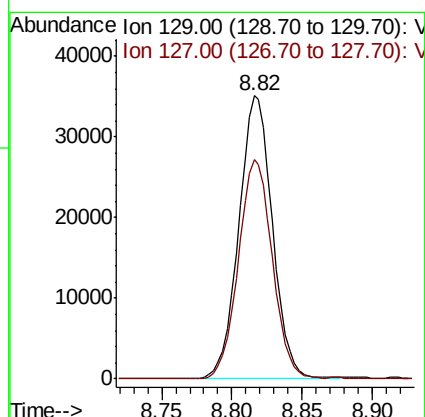
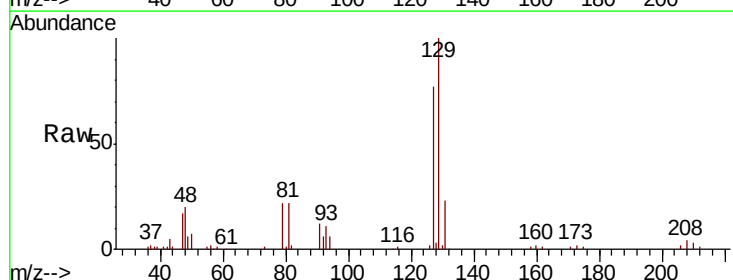
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

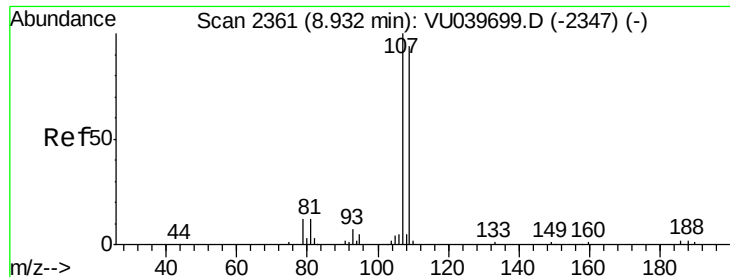
Tot Ion: 43 Resp: 236700
Ion Ratio Lower Upper
43 100
58 50.1 29.9 69.9
57 17.1 0.0 37.2



#55
Dibromochloromethane
Concen: 10.755 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 129 Resp: 58594
Ion Ratio Lower Upper
129 100
127 78.1 62.4 93.6

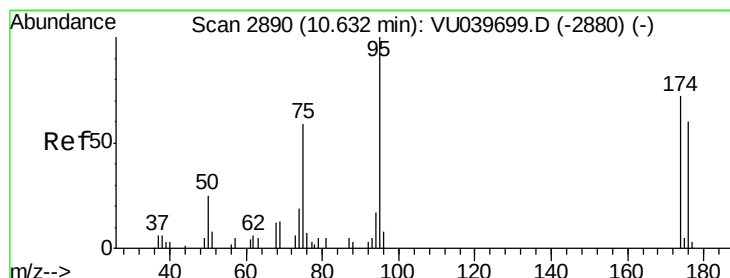
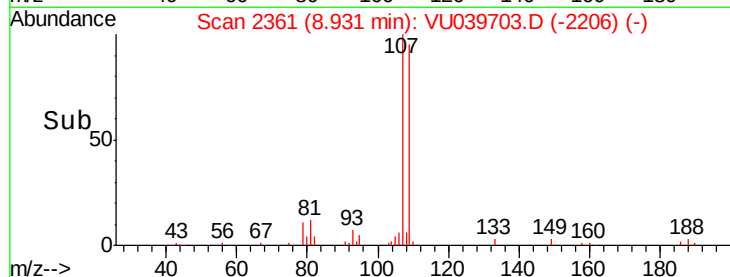
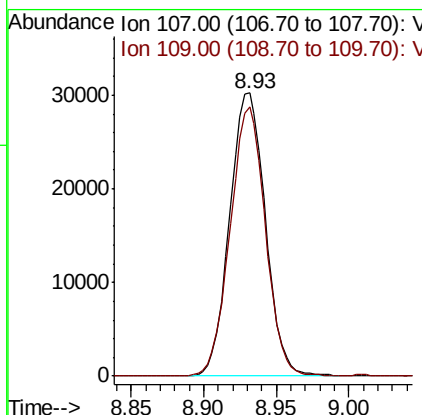
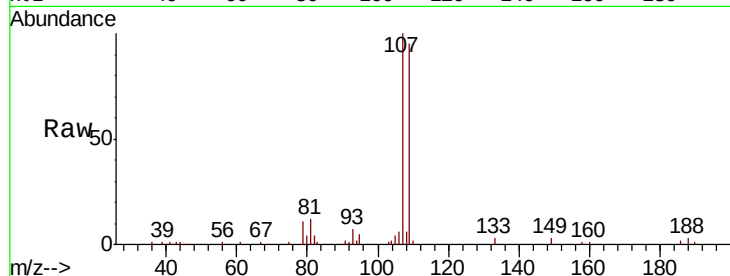




#56
 1,2-Dibromoethane
 Concen: 10.583 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

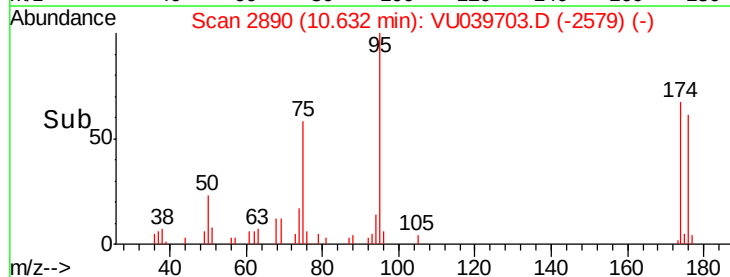
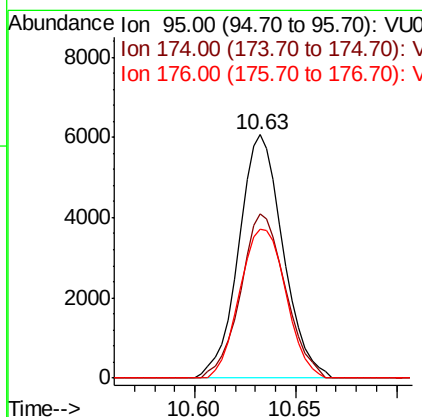
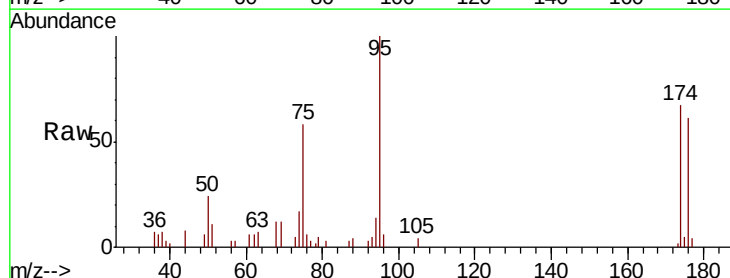
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

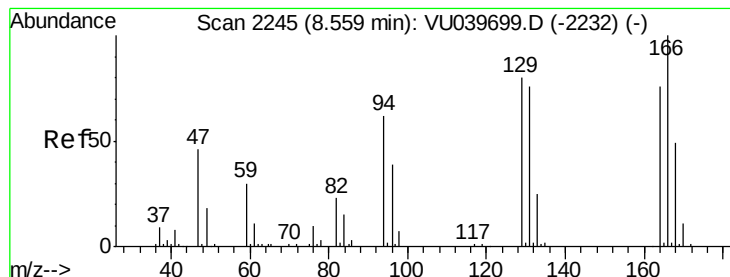
Tot Ion:107 Resp: 51739
 Ion Ratio Lower Upper
 107 100
 109 93.5 0.0 185.2



#57
 4-Bromofluorobenzene
 Concen: 1.133 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 95 Resp: 9317
 Ion Ratio Lower Upper
 95 100
 174 68.1 57.0 85.4
 176 64.0 50.2 75.2





#58

Tetrachloroethene

Concen: 9.769 ug/l

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tot Ion:164 Resp: 51515

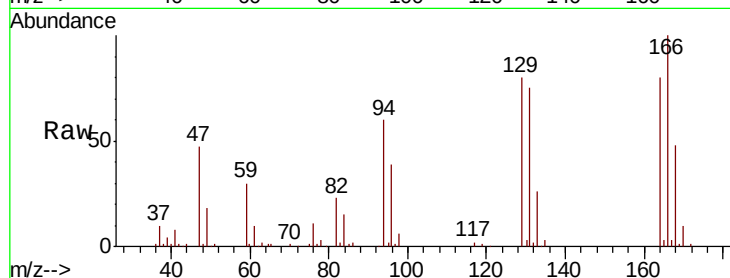
Ion Ratio Lower Upper

164 100

166 125.0 104.8 157.2

129 100.6 84.1 126.1

131 94.3 80.1 120.1

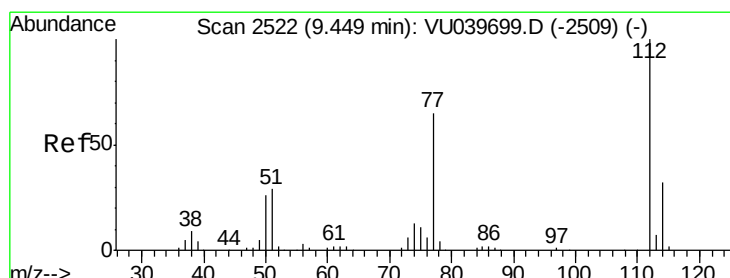
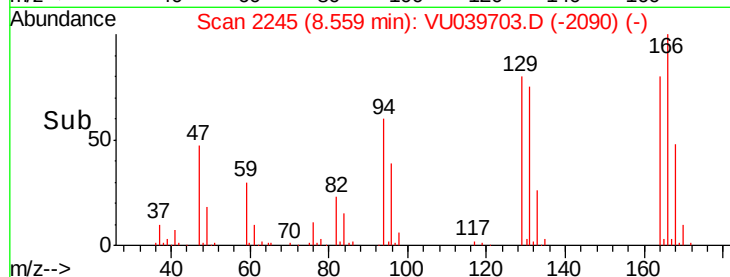
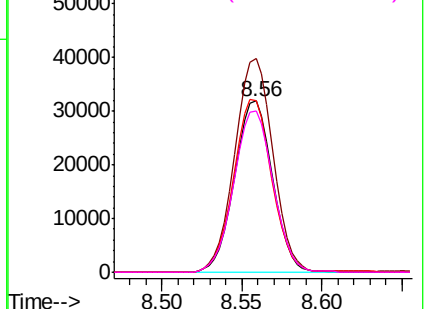


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 10.207 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039703.D

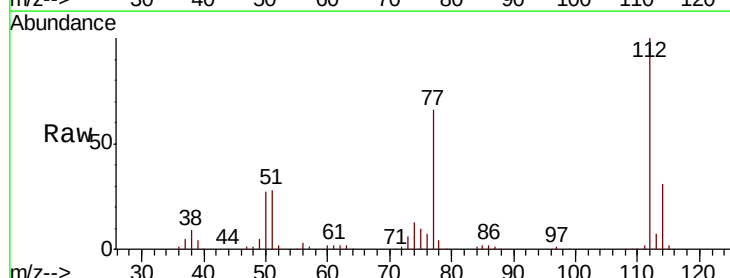
Acq: 29 Jul 2020 14:36

Tgt Ion:112 Resp: 165416

Ion Ratio Lower Upper

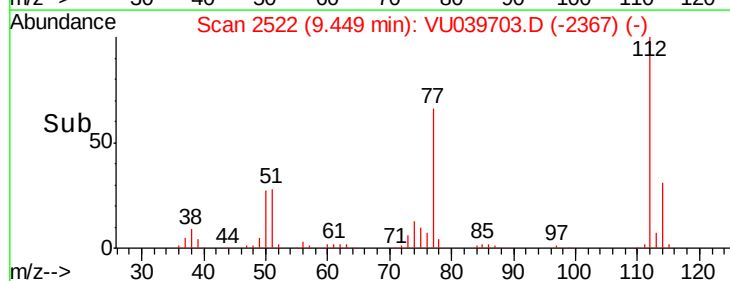
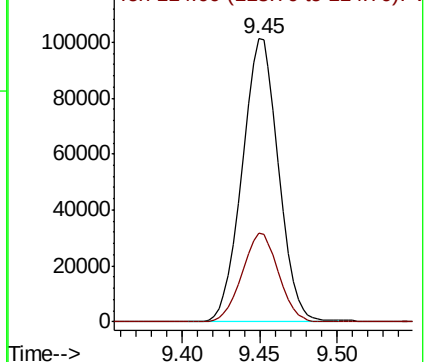
112 100

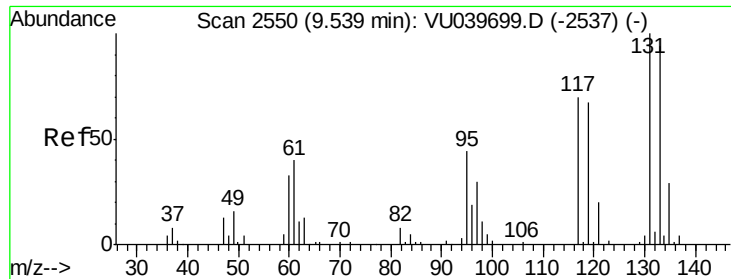
114 31.2 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

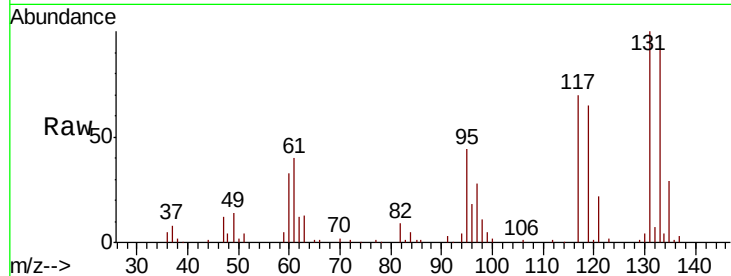




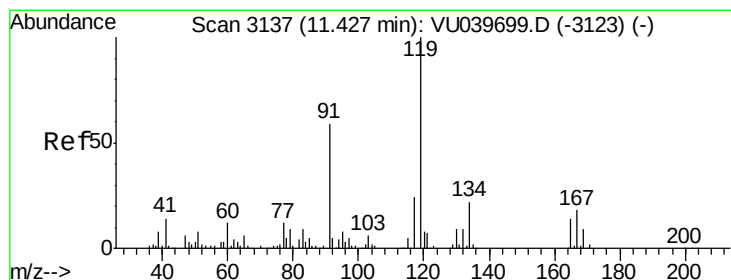
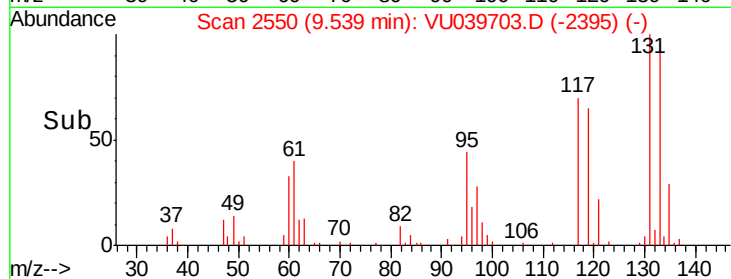
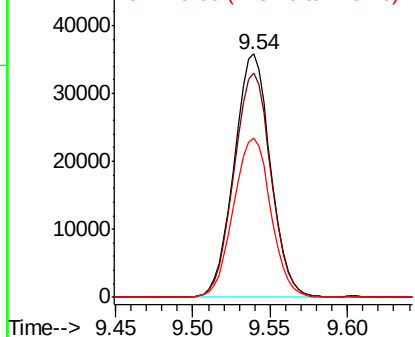
#60
 1,1,1,2-Tetrachloroethane
 Concen: 10.721 ug/l
 RT: 9.54 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tot Ion:131 Resp: 58584
 Ion Ratio Lower Upper
 131 100
 133 94.2 75.8 113.8
 119 67.1 54.6 81.8

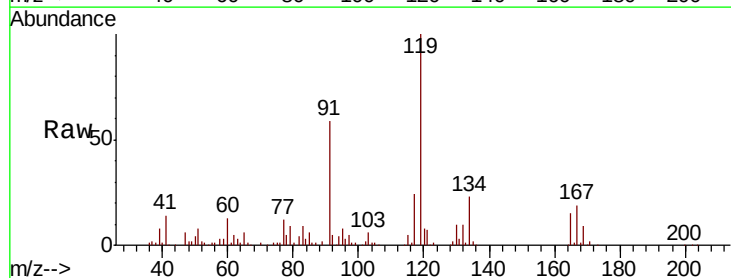


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

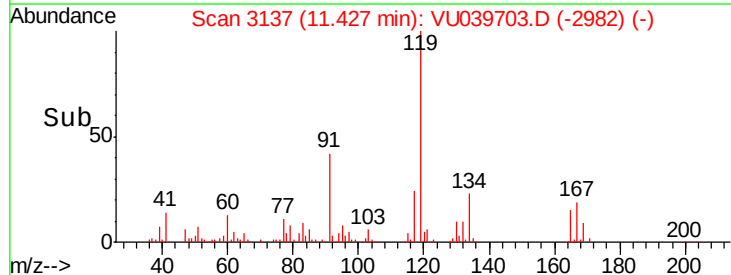
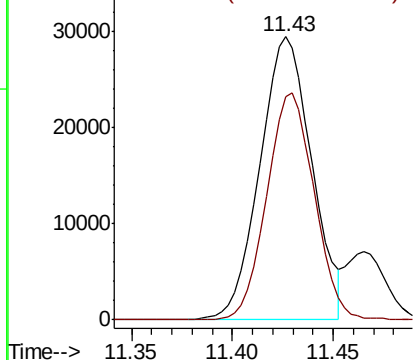


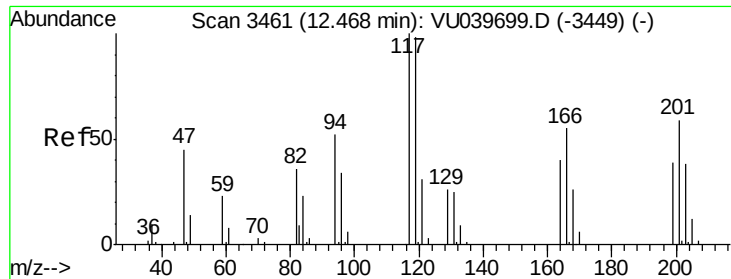
#61
 Pentachloroethane
 Concen: 10.973 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion:117 Resp: 52683
 Ion Ratio Lower Upper
 117 100
 167 73.1 56.6 85.0



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 11.614 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

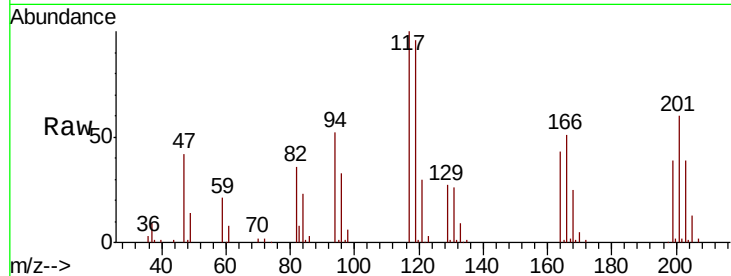
ICVVU072920

Tot Ion:117 Resp: 51106

Ion Ratio Lower Upper

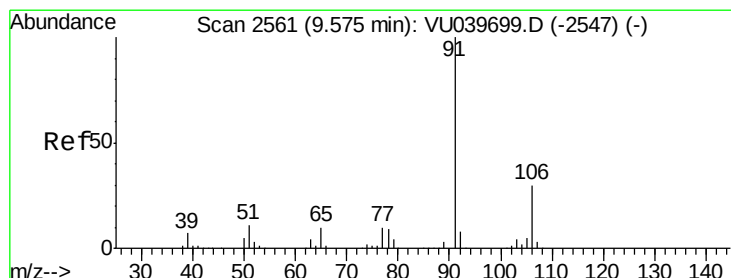
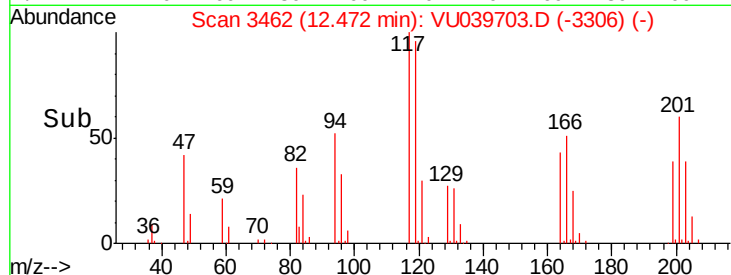
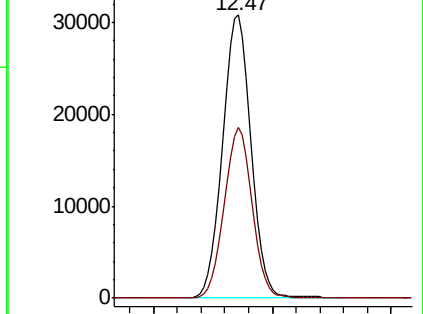
117 100

201 58.7 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 11.064 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039703.D

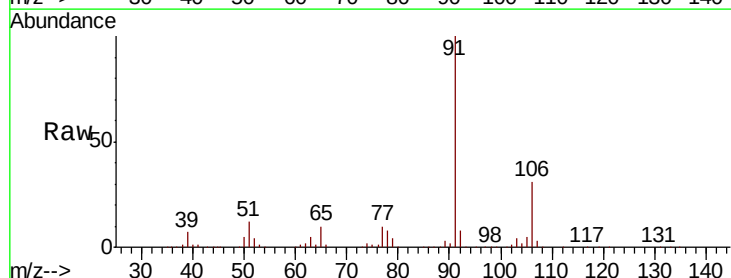
Acq: 29 Jul 2020 14:36

Tgt Ion: 91 Resp: 321330

Ion Ratio Lower Upper

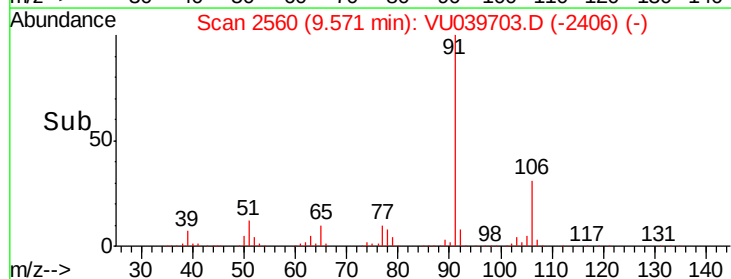
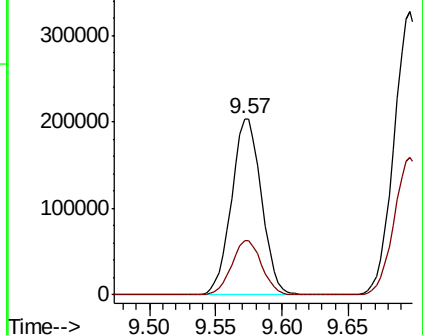
91 100

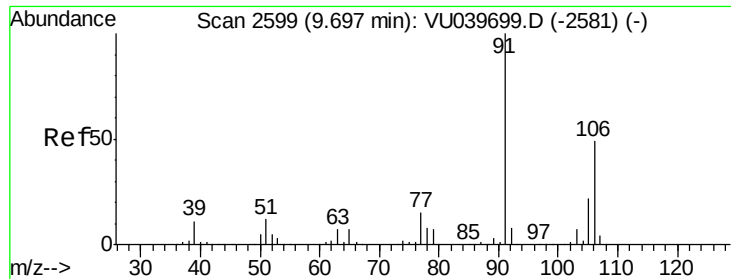
106 30.7 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 22.526 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

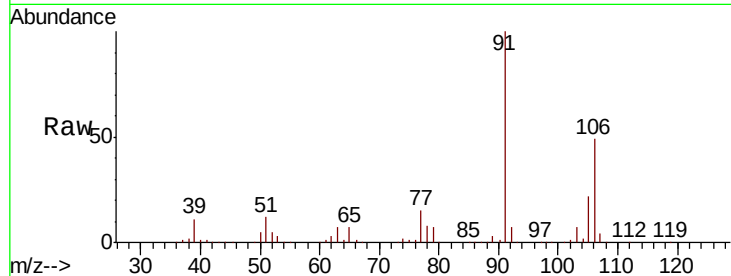
ICVVU072920

Tot Ion:106 Resp: 255608

Ion Ratio Lower Upper

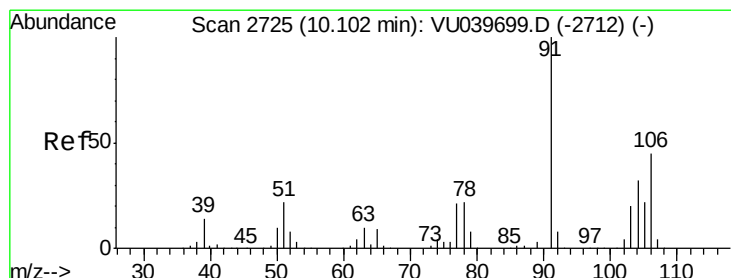
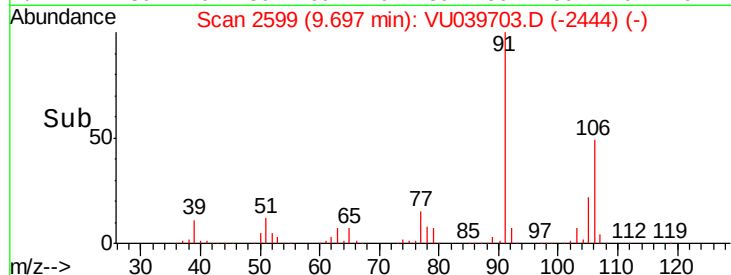
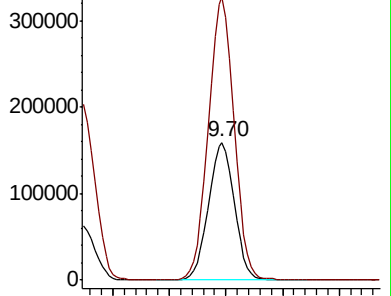
106 100

91 202.3 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 10.972 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039703.D

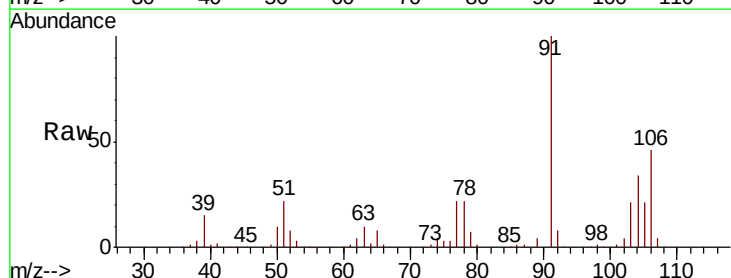
Acq: 29 Jul 2020 14:36

Tgt Ion:106 Resp: 118206

Ion Ratio Lower Upper

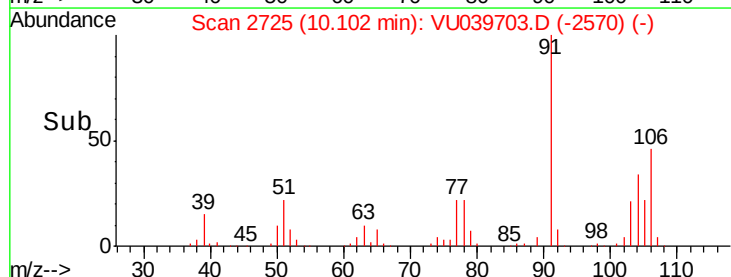
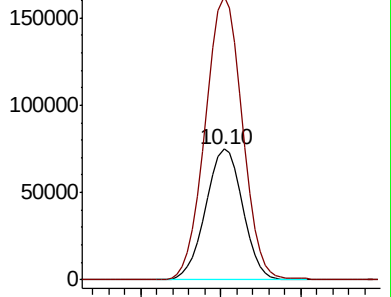
106 100

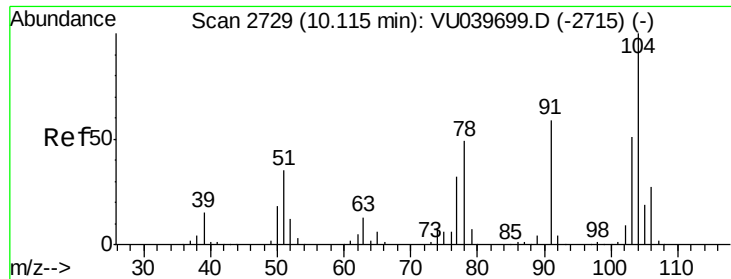
91 216.0 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

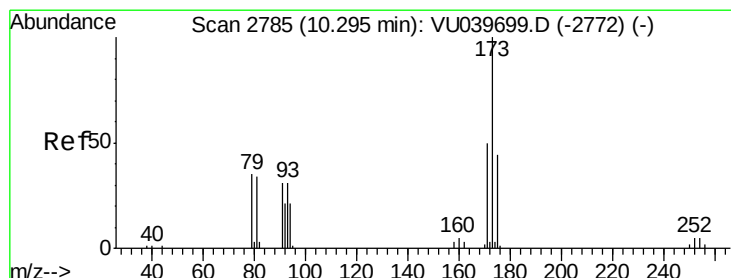
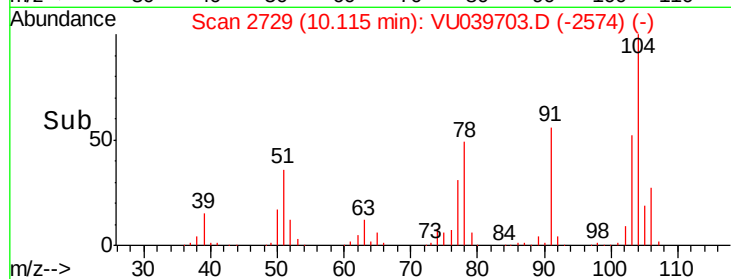
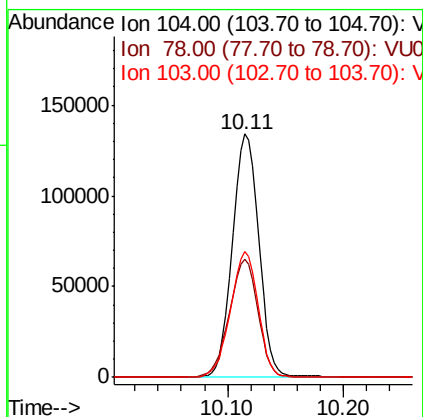
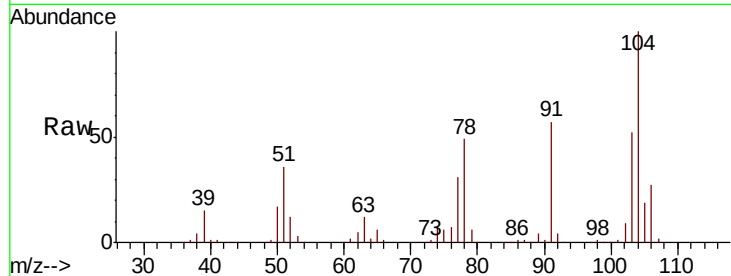




#66
Stvrene
Concen: 11.436 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

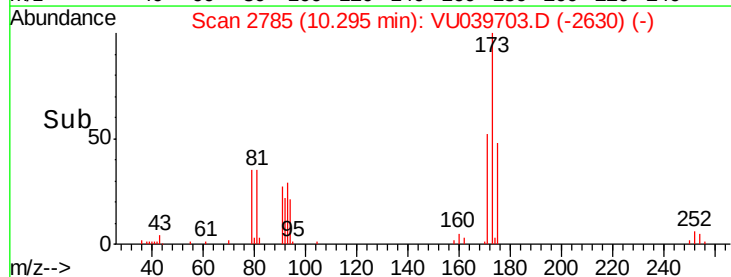
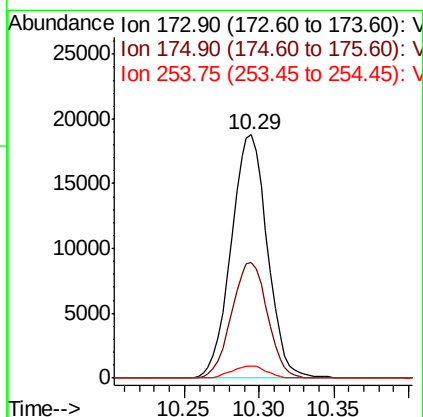
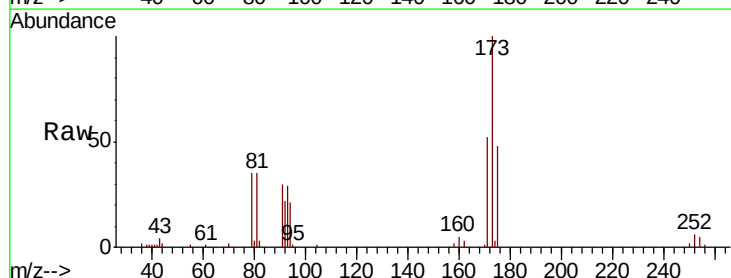
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

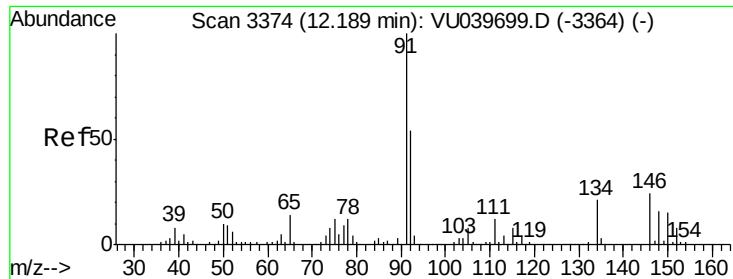
Tot Ion:104 Resp: 211139
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 53.9 43.4 65.2



#67
Bromoform
Concen: 11.375 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion:173 Resp: 31615
Ion Ratio Lower Upper
173 100
175 47.0 36.7 55.1
254 4.8 3.8 5.8





#68

1,2-Dichlorobenzene-d4

Concen: 1.023 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

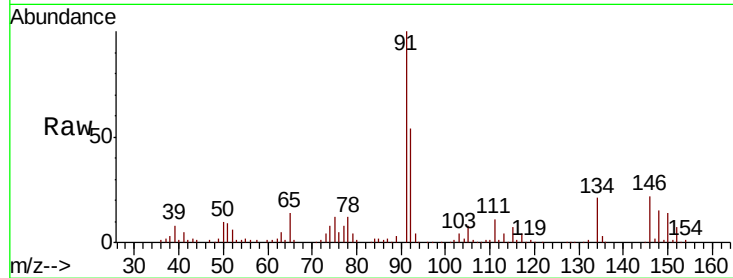
Tot Ion:152 Resp: 8235

Ion Ratio Lower Upper

152 100

115 159.4 0.0 302.4

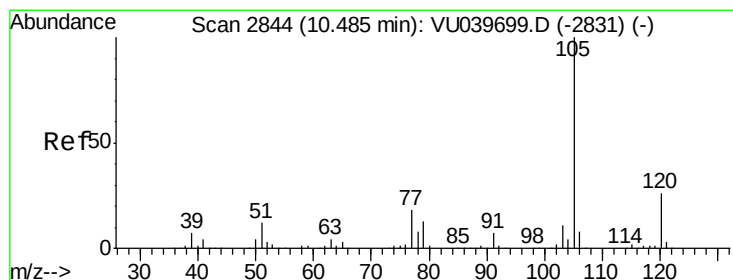
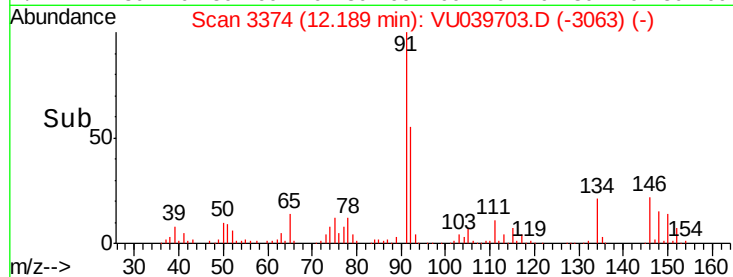
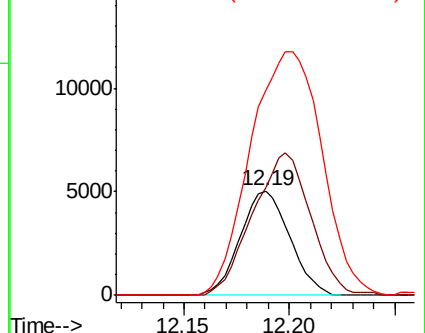
150 336.7 0.0 645.8



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#69

Isopropylbenzene

Concen: 11.180 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039703.D

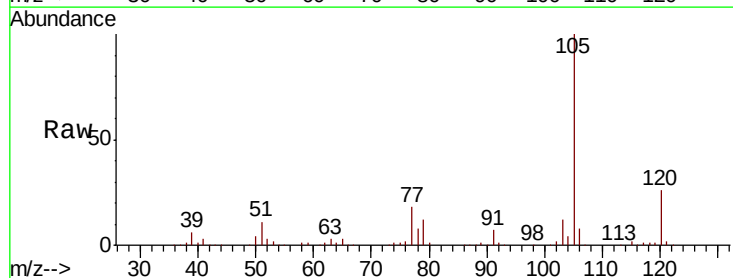
Acq: 29 Jul 2020 14:36

Tgt Ion:105 Resp: 321720

Ion Ratio Lower Upper

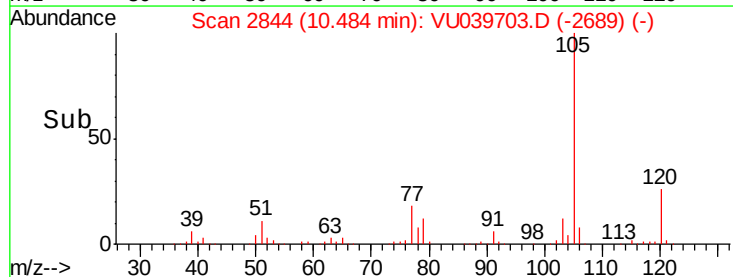
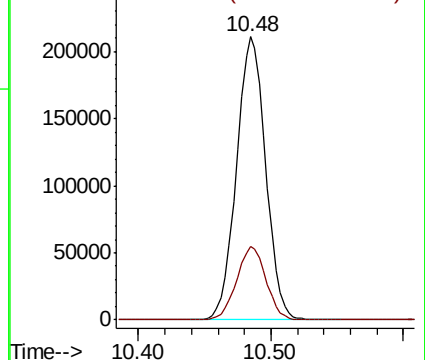
105 100

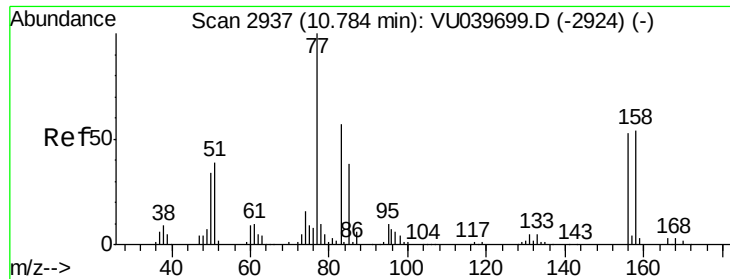
120 26.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#70

1,1,2,2-Tetrachloroethane

Concen: 10.396 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

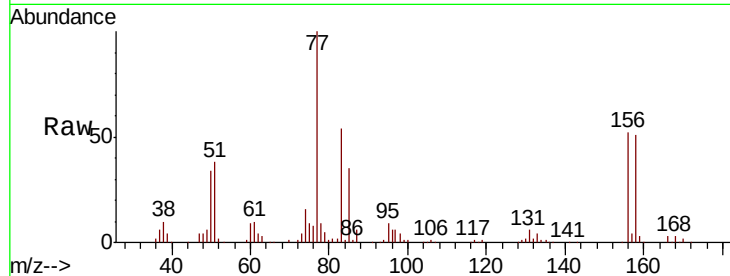
Tot Ion: 83 Resp: 75929

Ion Ratio Lower Upper

83 100

131 9.2 7.0 10.6

85 64.3 50.6 75.8

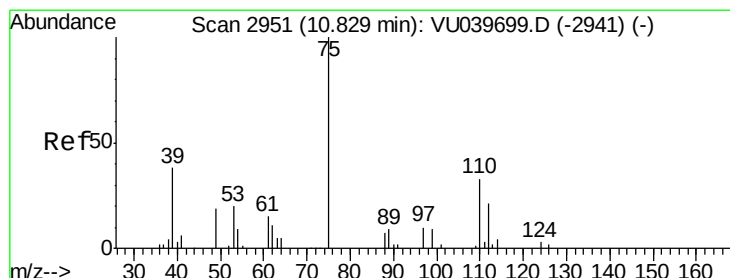
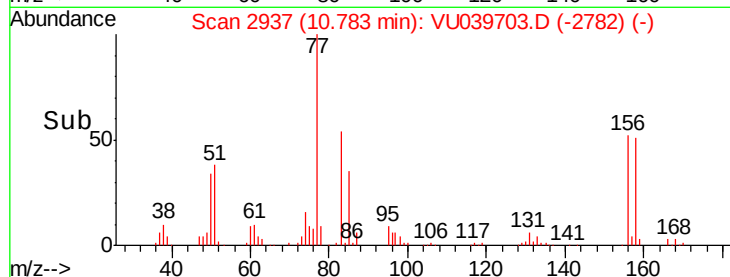
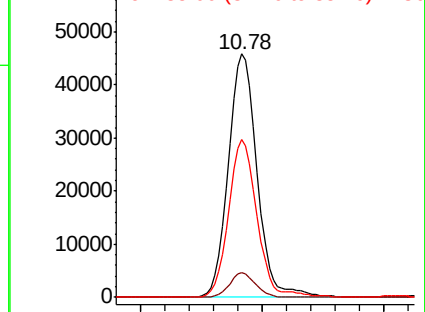


Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#71

1,2,3-Trichloropropane

Concen: 13.812 ug/l

RT: 10.83 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Tgt Ion: 75 Resp: 75995

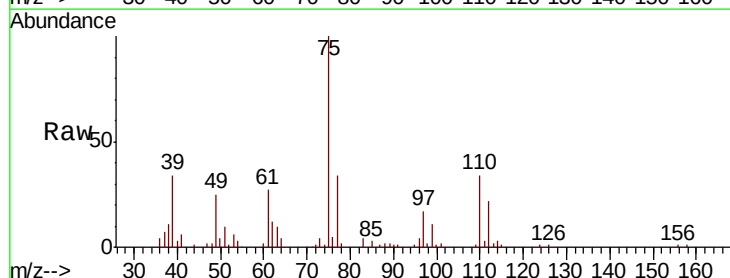
Ion Ratio Lower Upper

75 100

77 30.2 0.0 91.0

110 27.1 0.0 64.2

97 13.1 0.0 32.6



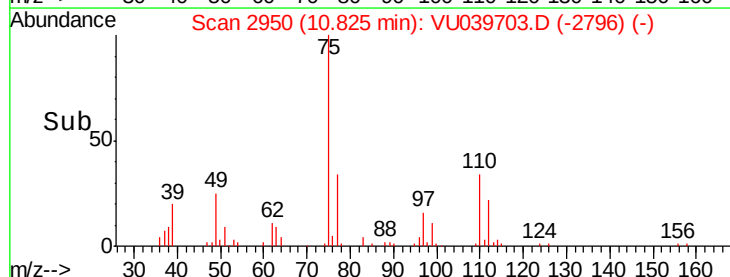
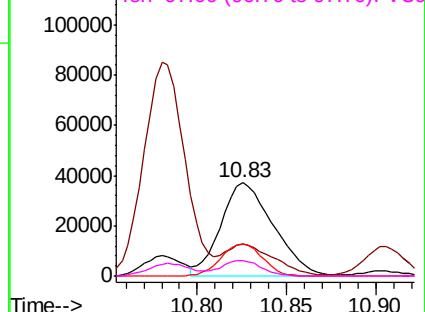
Abundance

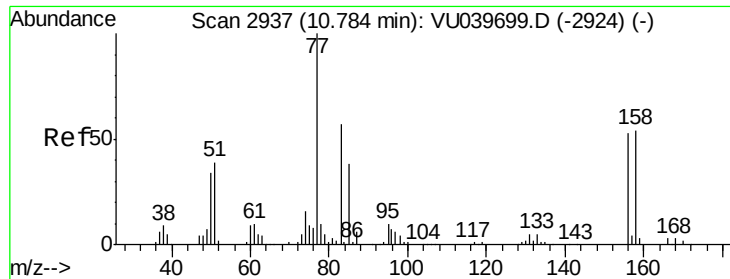
Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): VU0

Ion 97.00 (96.70 to 97.70): VU0





#72

Bromobenzene

Concen: 10.928 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

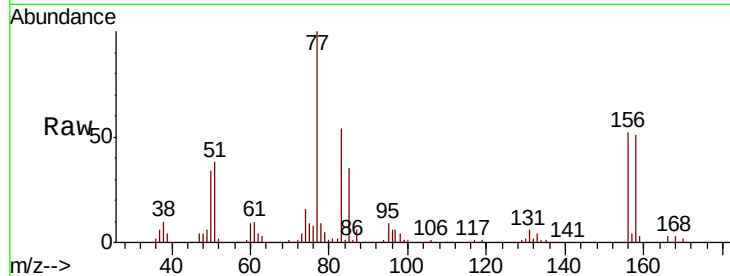
Tot Ion:156 Resp: 71417

Ion Ratio Lower Upper

156 100

77 192.5 0.0 385.2

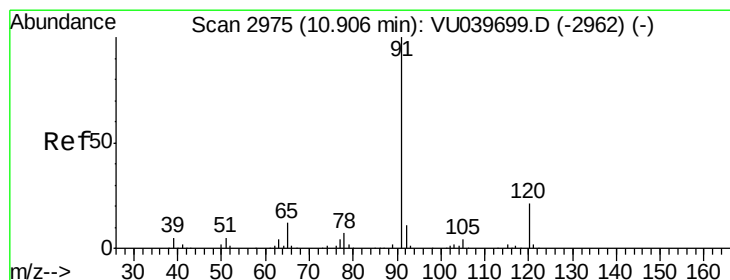
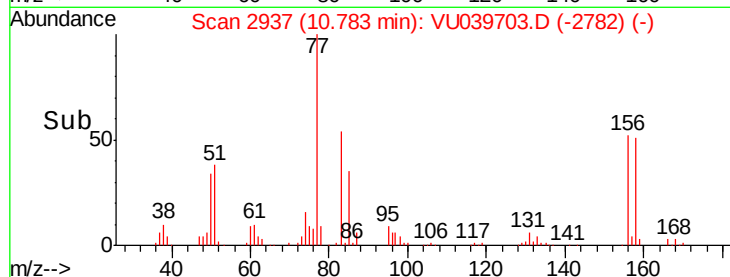
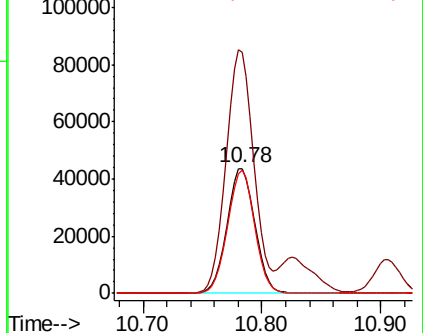
158 95.1 0.0 200.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 10.733 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039703.D

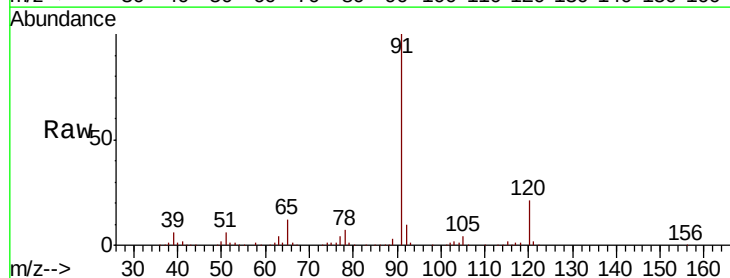
Acq: 29 Jul 2020 14:36

Tgt Ion:120 Resp: 86835

Ion Ratio Lower Upper

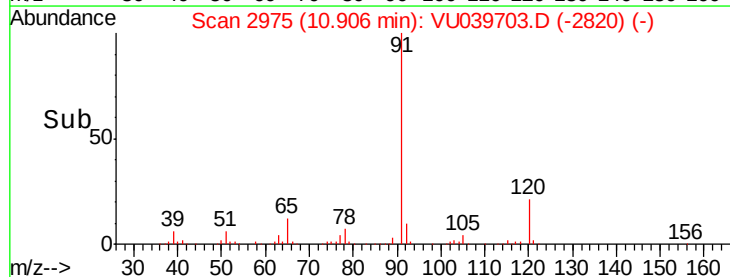
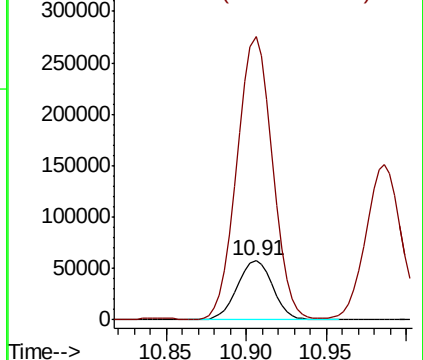
120 100

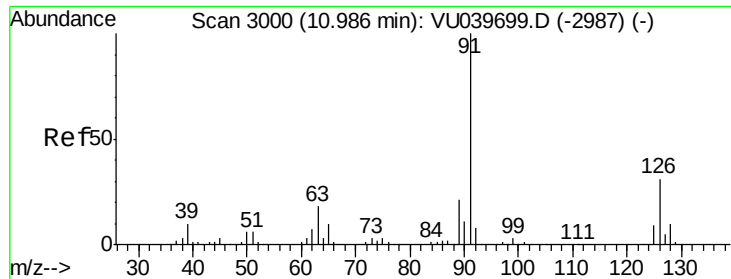
91 477.5 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 10.664 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

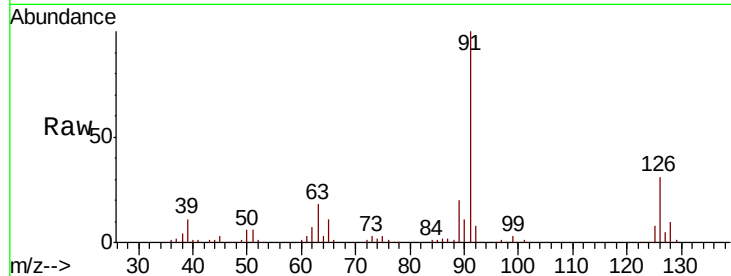
ICVVU072920

Tot Ion:126 Resp: 72889

Ion Ratio Lower Upper

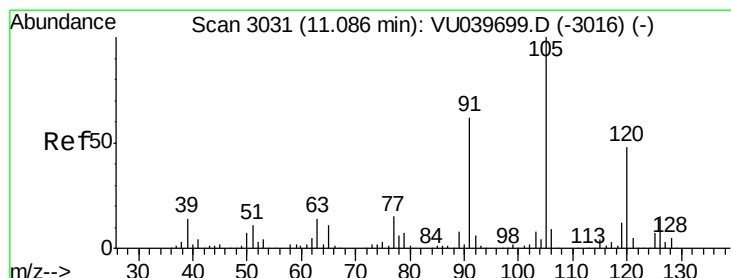
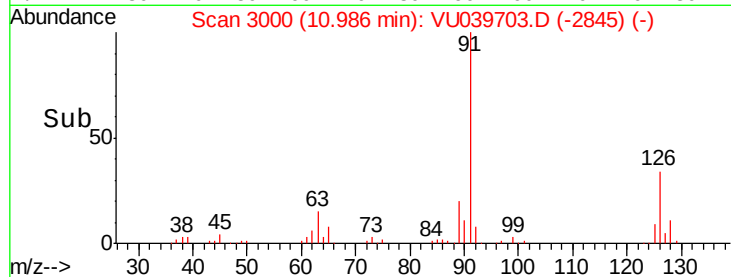
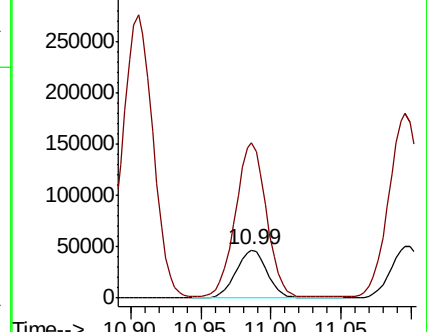
126 100

91 316.2 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 11.747 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039703.D

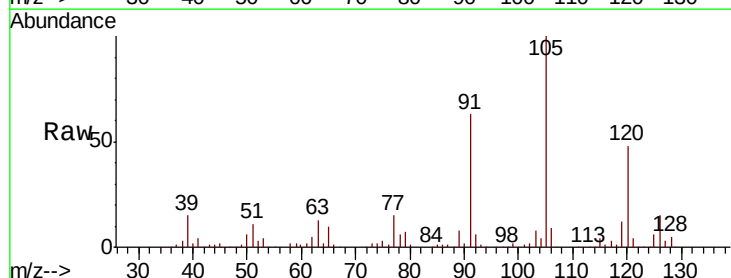
Acq: 29 Jul 2020 14:36

Tgt Ion:105 Resp: 292233

Ion Ratio Lower Upper

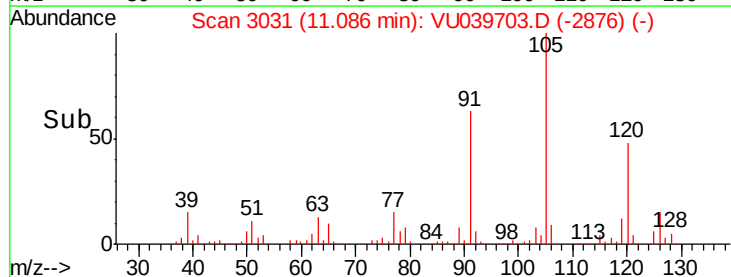
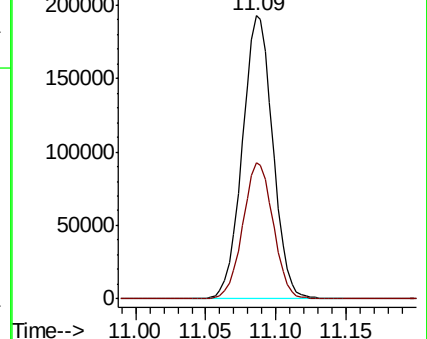
105 100

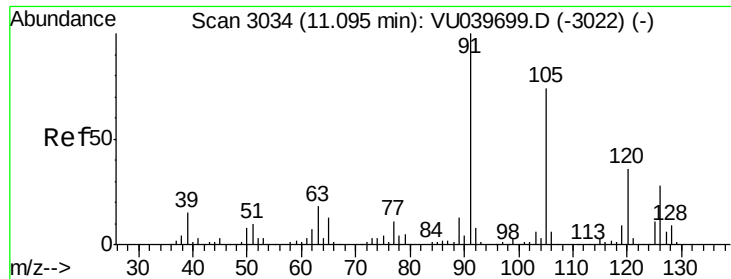
120 47.8 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

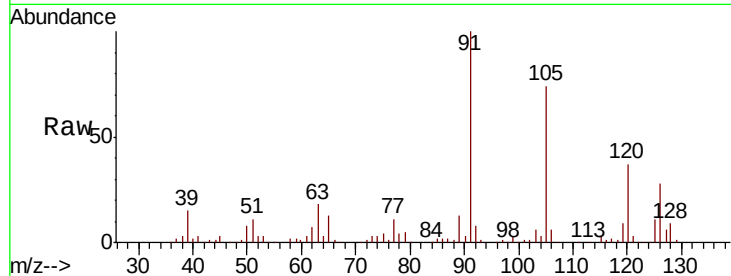




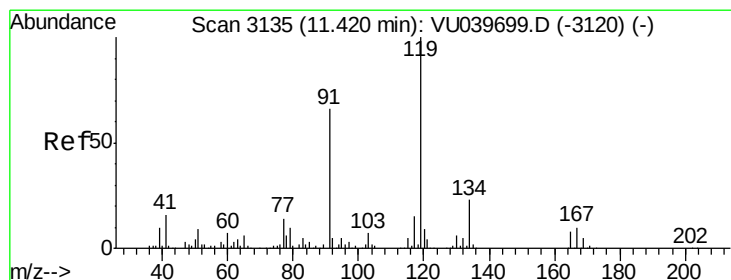
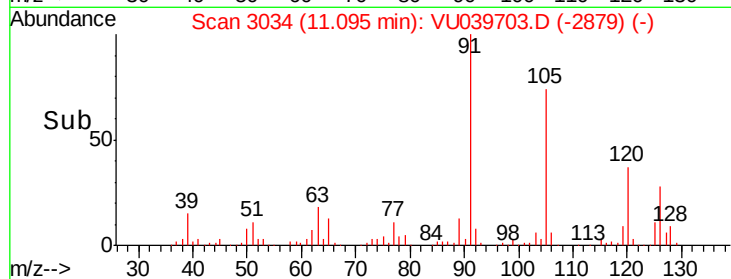
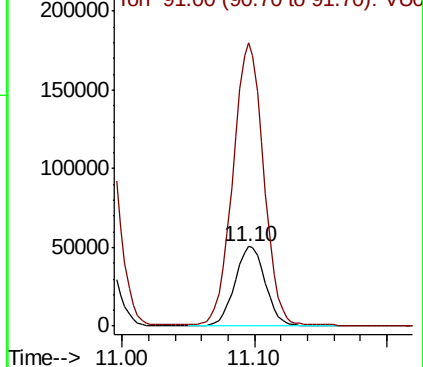
#76
4-Chlorotoluene
Concen: 11.329 ug/l
RT: 11.10 min Scan# 3034
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tot Ion:126 Resp: 80203
Ion Ratio Lower Upper
126 100
91 360.8 0.0 732.2

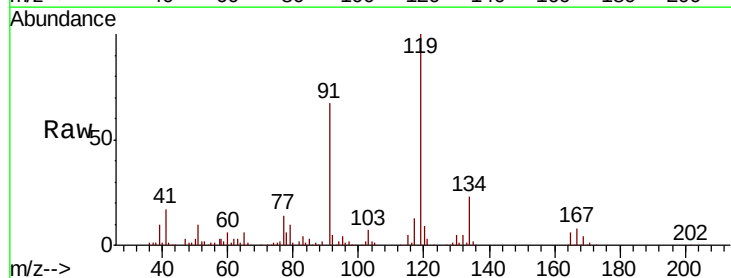


Abundance Ion 126.00 (125.70 to 126.70): V
Ion 91.00 (90.70 to 91.70): VU0

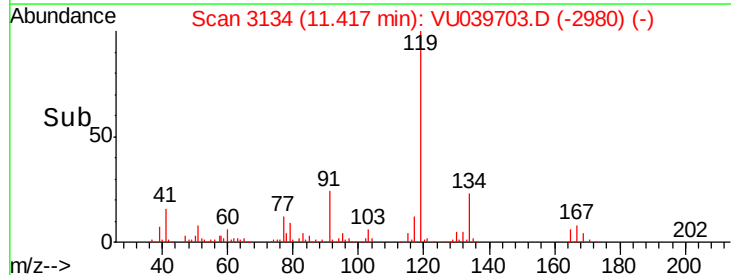
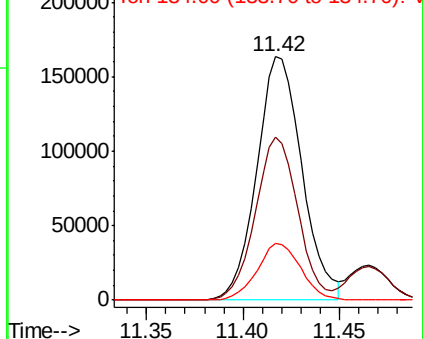


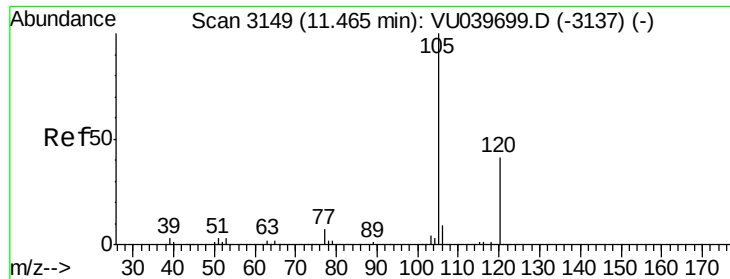
#77
tert-Butylbenzene
Concen: 11.167 ug/l
RT: 11.42 min Scan# 3134
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion:119 Resp: 266505
Ion Ratio Lower Upper
119 100
91 62.8 31.9 95.5
134 22.6 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU0
Ion 134.00 (133.70 to 134.70): V

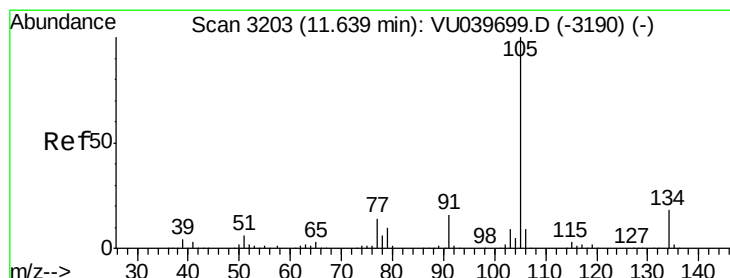
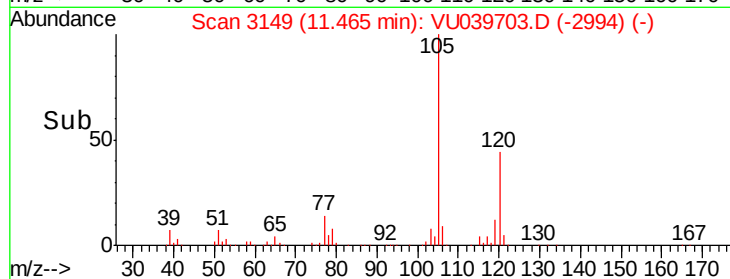
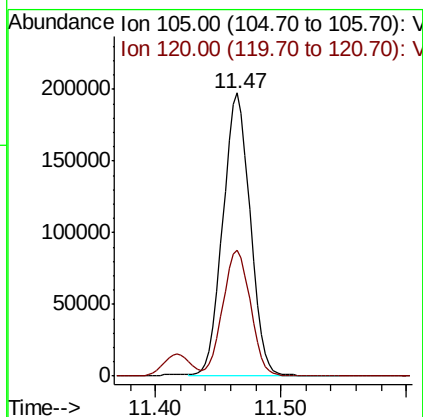
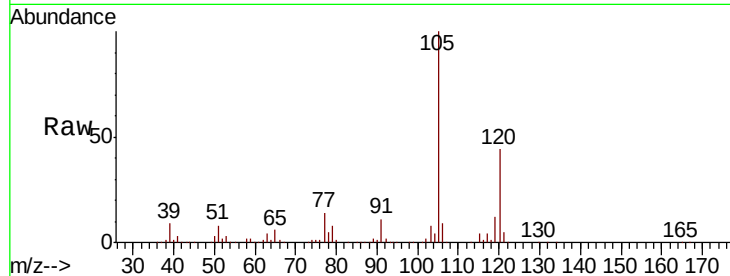




#78
 1,2,4-Trimethylbenzene
 Concen: 11.652 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

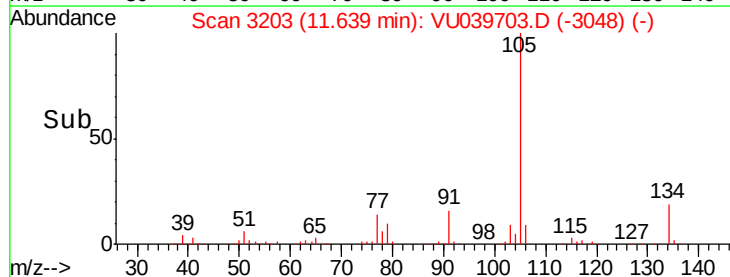
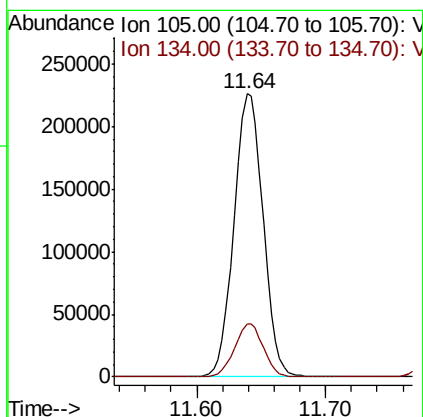
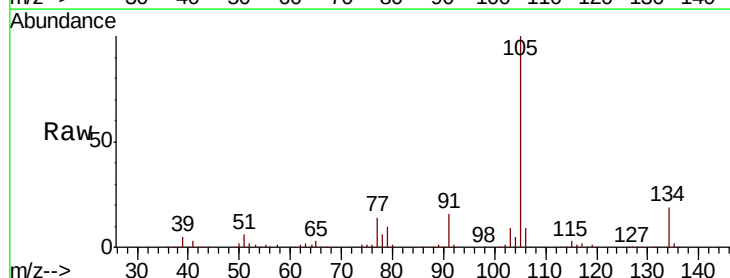
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

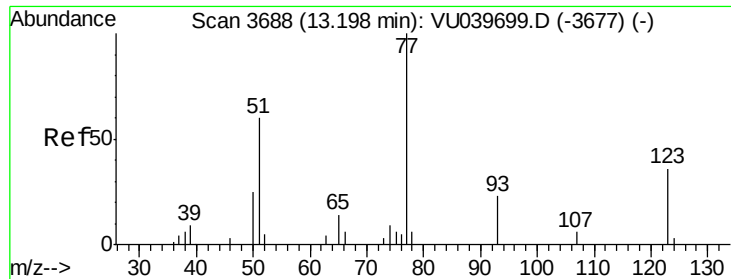
Tot Ion:105 Resp: 297277
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.0



#79
 sec-Butylbenzene
 Concen: 10.424 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion:105 Resp: 354076
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2





#80

Nitrobenzene

Concen: 12.399 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

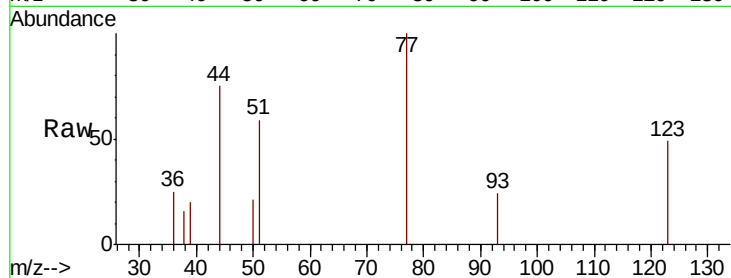
Tot Ion: 77 Resp: 1325

Ion Ratio Lower Upper

77 100

123 32.8 16.9 59.9

65 0.0 14.4 18.4#

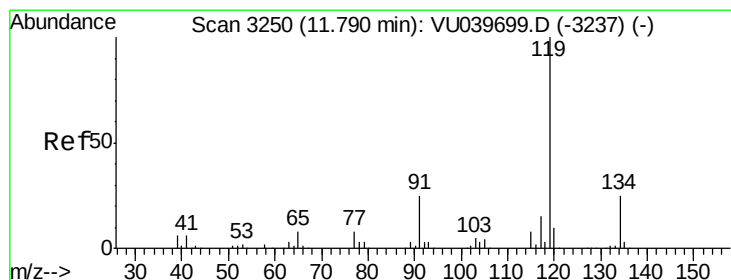
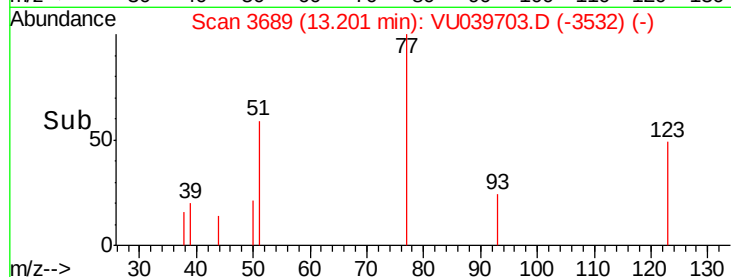


Abundance Ion 77.00 (76.70 to 77.70): VU039699.D (-3677) (-)

Ion 123.00 (122.70 to 123.70): VU039699.D (-3677) (-)

Ion 65.00 (64.70 to 65.70): VU039699.D (-3677) (-)

Time--> 13.15 13.20 13.25



#81

p-Isopropyltoluene

Concen: 11.602 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

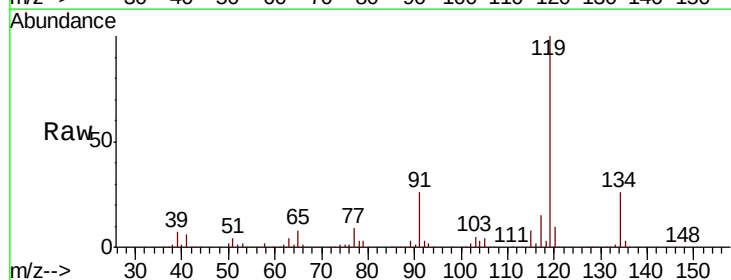
Tgt Ion: 119 Resp: 317599

Ion Ratio Lower Upper

119 100

134 25.7 20.2 30.4

91 26.2 20.7 31.1

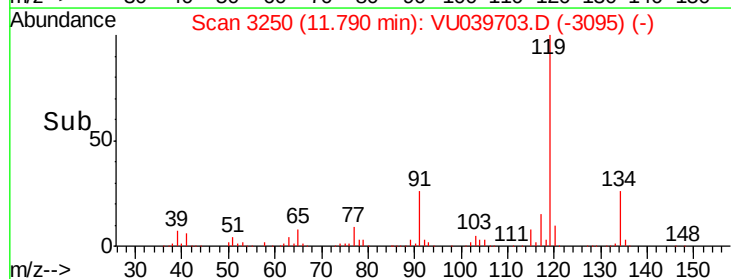


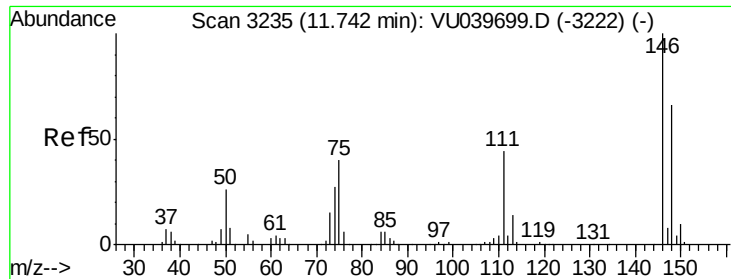
Abundance Ion 119.00 (118.70 to 119.70): VU039699.D (-3237) (-)

Ion 134.00 (133.70 to 134.70): VU039699.D (-3237) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-3237) (-)

Time--> 11.70 11.75 11.80 11.85





#82

1,3-Dichlorobenzene

Concen: 10.253 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

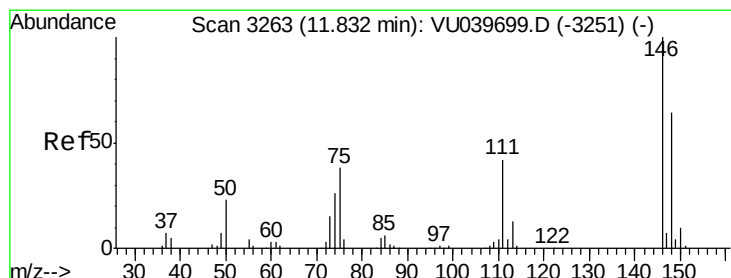
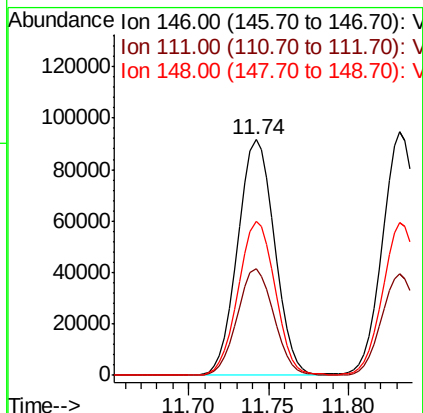
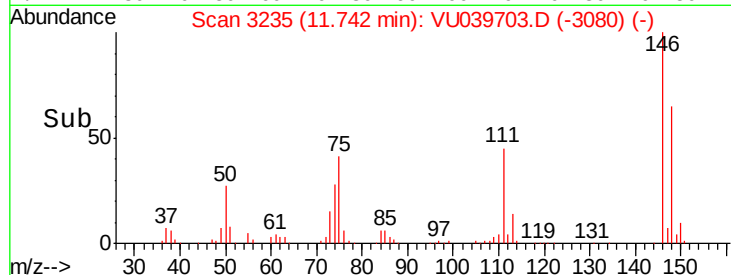
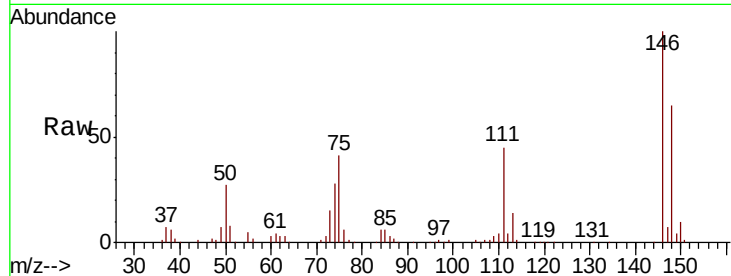
Tot Ion:146 Resp: 144218

Ion Ratio Lower Upper

146 100

111 44.8 34.5 51.7

148 65.1 51.4 77.0



#83

1,4-Dichlorobenzene

Concen: 10.527 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

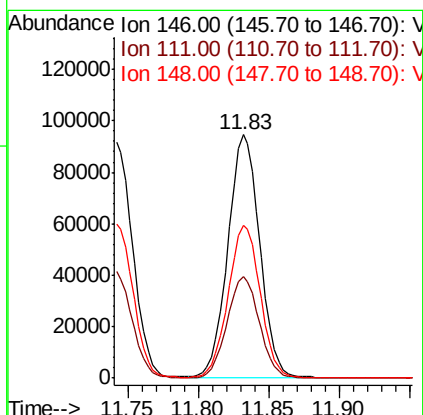
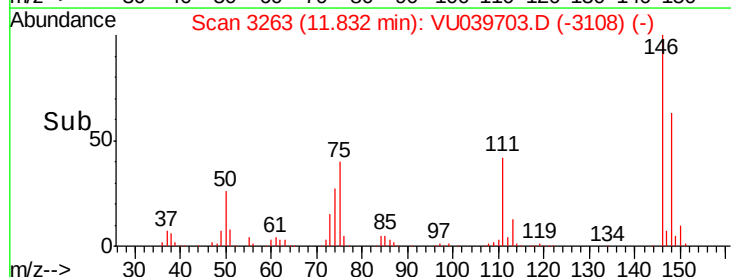
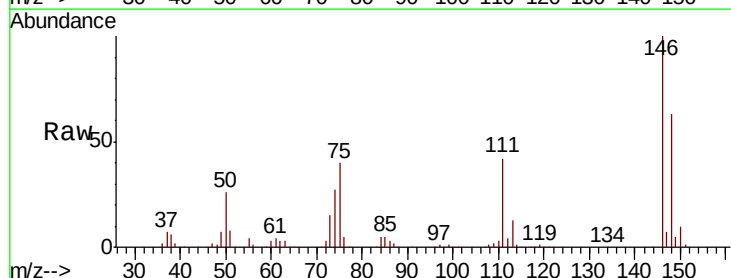
Tgt Ion:146 Resp: 148933

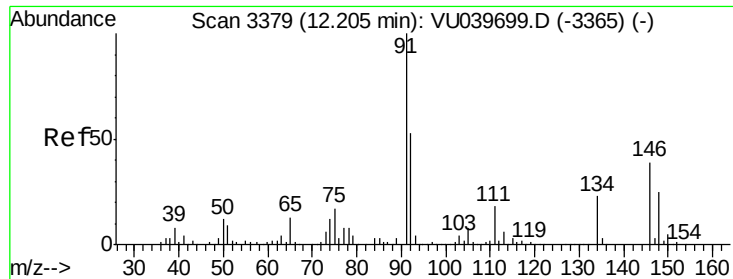
Ion Ratio Lower Upper

146 100

111 41.9 33.8 50.6

148 63.2 51.1 76.7





#84

n-Butylbenzene

Concen: 11.800 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

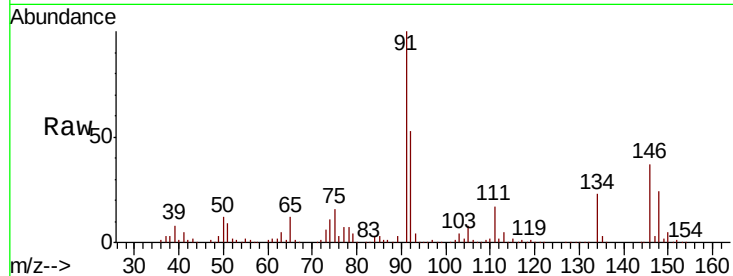
Tot Ion: 91 Resp: 343114

Ion Ratio Lower Upper

91 100

92 52.9 42.6 64.0

134 22.7 18.2 27.4

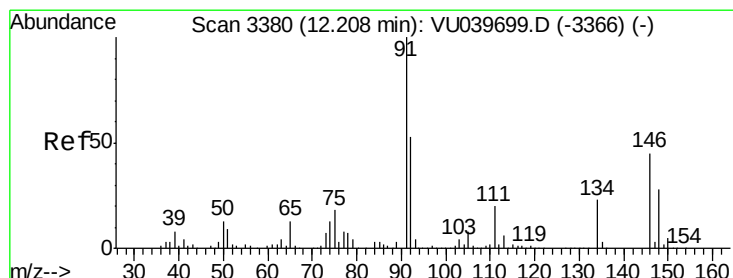
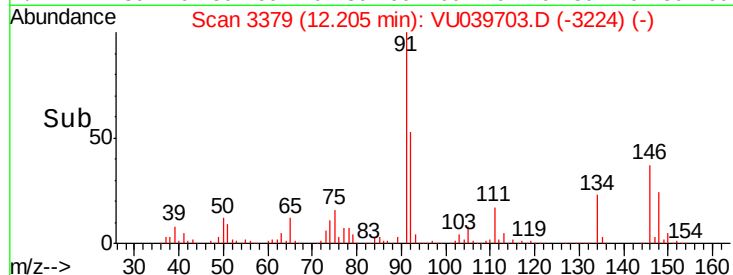


Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-3365) (-)

Ion 92.00 (91.70 to 92.70): VU039699.D (-3365) (-)

Ion 134.00 (133.70 to 134.70): VU039699.D (-3365) (-)

Time-->



#85

1,2-Dichlorobenzene

Concen: 10.338 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

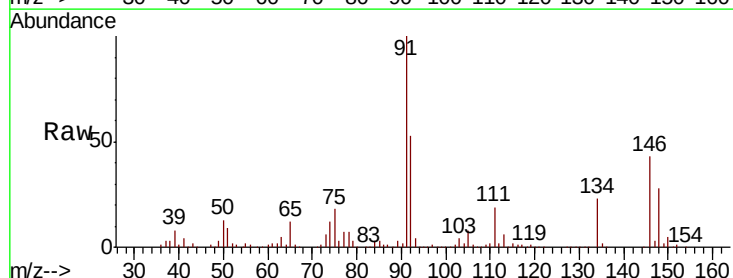
Tgt Ion: 146 Resp: 140152

Ion Ratio Lower Upper

146 100

111 45.4 22.8 68.3

148 63.9 31.7 95.1

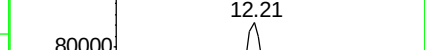
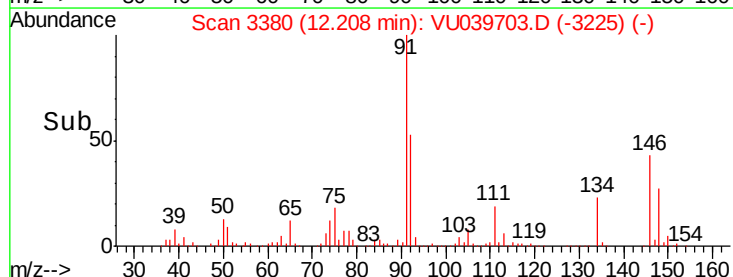


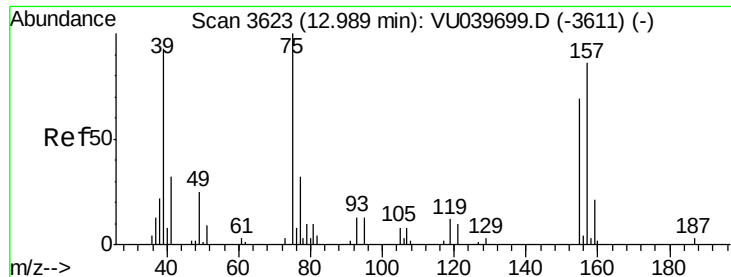
Abundance Ion 146.00 (145.70 to 146.70): VU039699.D (-3366) (-)

Ion 111.00 (110.70 to 111.70): VU039699.D (-3366) (-)

Ion 148.00 (147.70 to 148.70): VU039699.D (-3366) (-)

Time-->

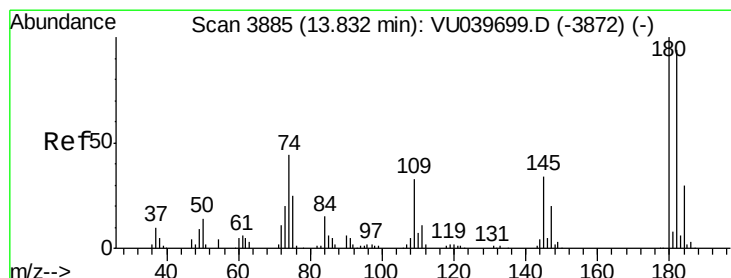
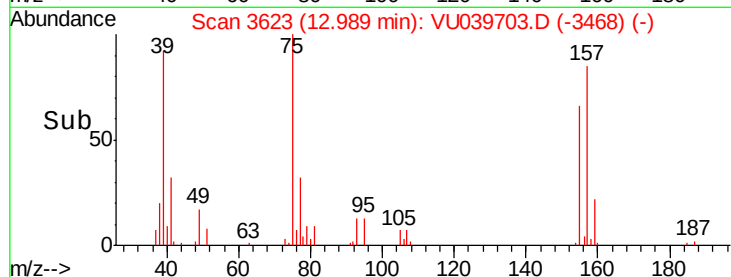
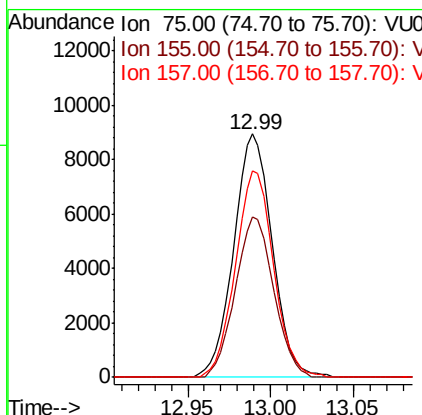
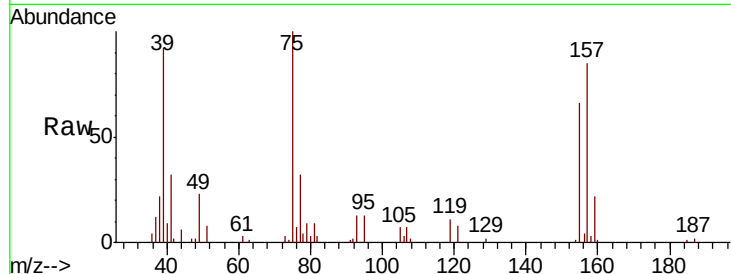




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.755 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

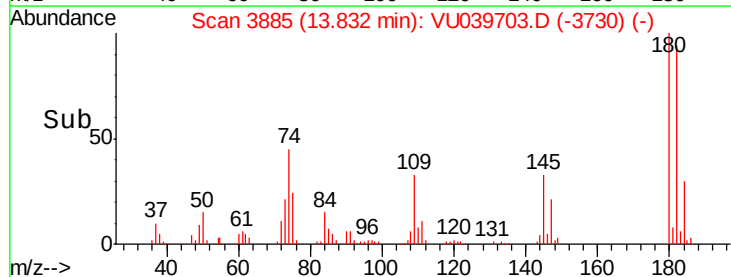
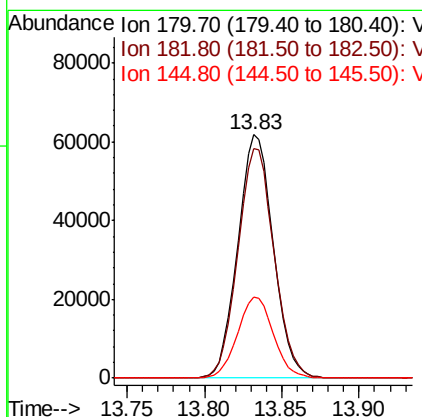
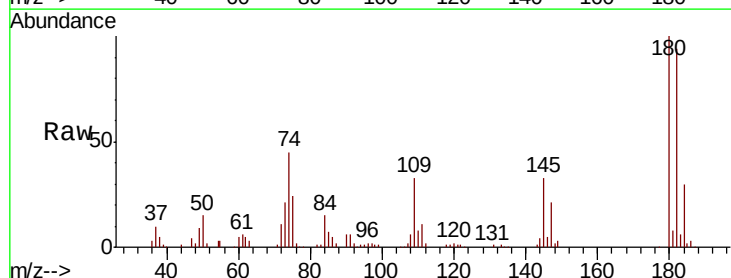
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

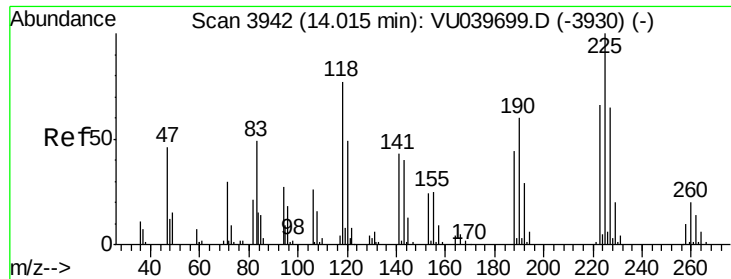
Tot Ion: 75 Resp: 14463
 Ion Ratio Lower Upper
 75 100
 155 65.4 52.9 79.3
 157 83.7 67.8 101.6



#87
 1,2,4-Trichlorobenzene
 Concen: 11.649 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 180 Resp: 98774
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.4
 145 33.4 26.8 40.2

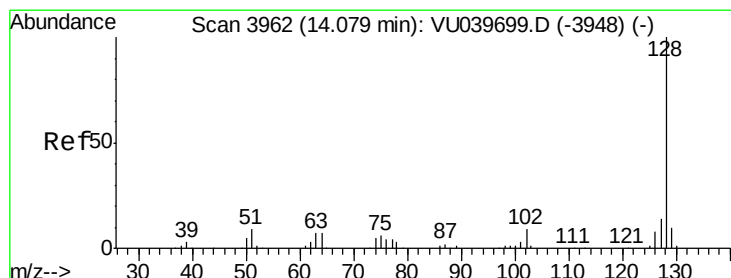
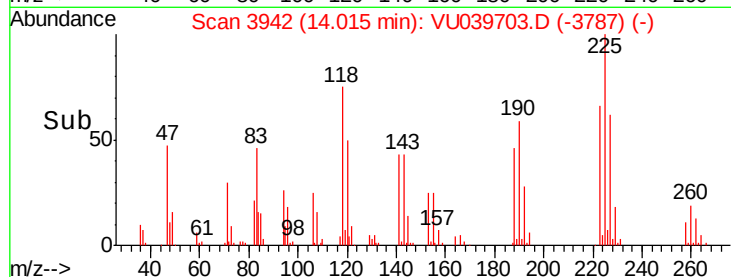
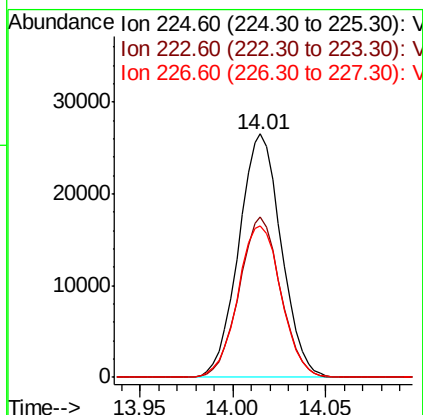
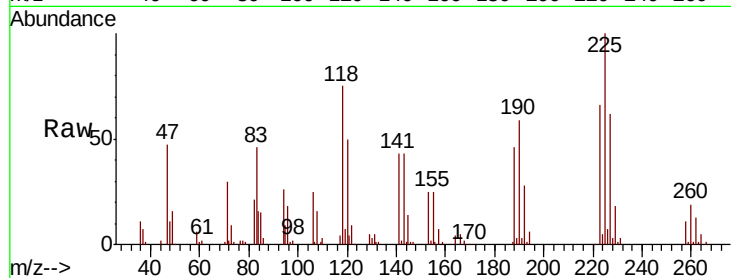




#88
Hexachlorobutadiene
Concen: 10.935 ug/l
RT: 14.01 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

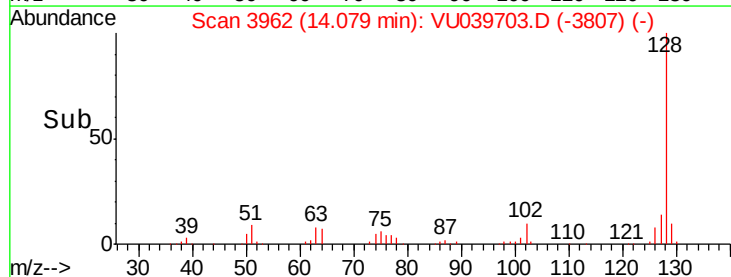
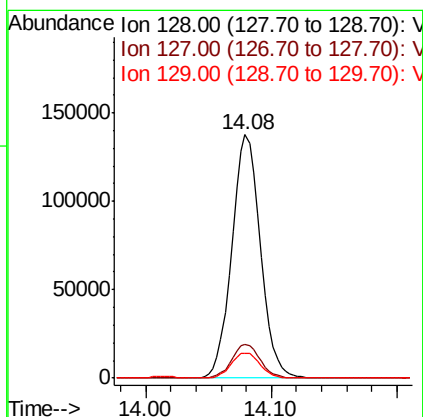
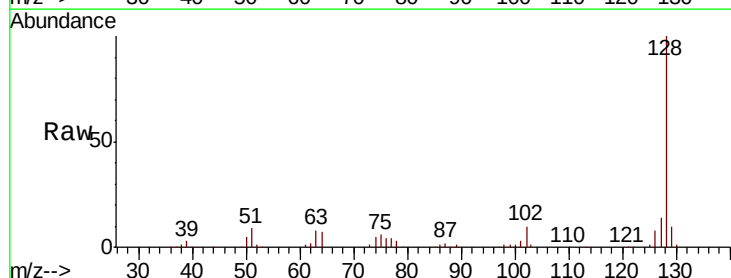
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

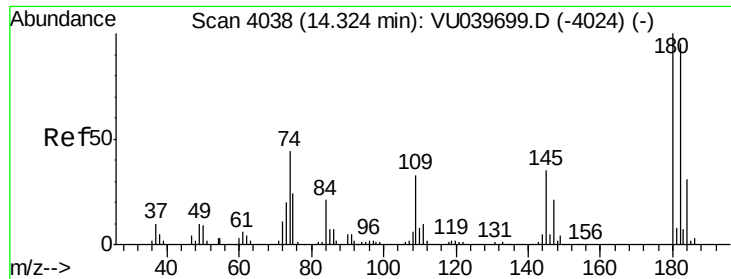
Tot Ion:225 Resp: 42108
Ion Ratio Lower Upper
225 100
223 64.3 52.4 78.6
227 63.3 50.7 76.1



#89
Naphthalene
Concen: 11.976 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion:128 Resp: 217274
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 10.6 8.4 12.6





#90

1,2,3-Trichlorobenzene

Concen: 11.445 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

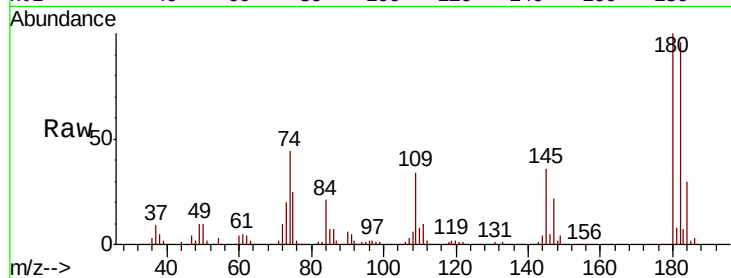
Tot Ion:180 Resp: 91615

Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 35.1 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

