

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039732.D
 Acq On : 31 Jul 2020 13:43
 Operator : SY/MD
 Sample : VU0731WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

Quant Time: Aug 01 01:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	23190	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	7544	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7199	0.81	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	14403	1.787 ug/l	97
3) Chloromethane	1.53	50	18674	1.866 ug/l	98
4) Vinyl Chloride	1.61	62	16439	1.782 ug/l	99
5) Bromomethane	1.87	94	10836	1.717 ug/l	90
6) Chloroethane	1.94	64	12717	1.987 ug/l	96
7) Trichlorofluoromethane	2.15	101	22630	1.855 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12700	1.814 ug/l	100
9) 1,1-Dichloroethene	2.59	96	11318	1.756 ug/l	95
10) Iodomethane	2.74	142	14317	2.203 ug/l	98
11) Allyl Chloride	2.94	41	23952	1.723 ug/l	98
12) Acrylonitrile	3.34	53	8901	3.936 ug/l	95
13) Acetone	2.66	43	19319	9.078 ug/l	92
14) Carbon Disulfide	2.80	76	40540	1.716 ug/l	97
15) Methylene Chloride	3.06	84	17202	1.915 ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	13107	1.789 ug/l	97
17) 1,1-Dichloroethane	3.89	63	28718	1.785 ug/l	100
18) 2-Butanone	4.75	43	34591	9.666 ug/l	99
19) Cyclohexane	5.40	56	25656m	1.648 ug/l	
20) Methylcyclohexane	6.77	83	20073	1.740 ug/l	98
21) 2,2-Dichloropropane	4.68	77	22658	1.727 ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	14192	1.797 ug/l	98
23) Diethyl Ether	2.39	59	11766	1.786 ug/l	91
24) tert-Butyl Alcohol	3.26	59	13975m	10.345 ug/l	
25) Methyl tert-Butyl Ether	3.38	73	36840	1.752 ug/l	99
26) Bromochloromethane	4.99	128	6114	1.893 ug/l	95
27) Chloroform	5.11	83	26579	1.765 ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	21218	1.742 ug/l	99
29) 1,1-Dichloropropene	5.54	75	20642	1.760 ug/l	98
30) Carbon Tetrachloride	5.54	117	16499	1.656 ug/l	93
31) Isopropyl Ether	4.02	45	49815	1.698 ug/l	97
32) Ethyl-t-butyl ether	4.53	59	42863	1.717 ug/l	98
33) Tert-Amyl methyl ether	5.96	73	35706	1.984 ug/l	99
34) Propionitrile	4.82	54	8470	9.595 ug/l #	88
35) Benzene	5.79	78	55962	1.929 ug/l	99
36) 1,2-Dichloroethane	5.81	62	21377	1.965 ug/l	99
37) Trichloroethene	6.55	130	12621	1.901 ug/l	98
38) 1,2-Dichloropropane	6.80	63	13935	1.742 ug/l	96
39) Methacrylonitrile	5.01	41	8208	1.764 ug/l	96
40) Methyl acrylate	4.87	55	11689	1.948 ug/l	98
41) Tetrahydrofuran	5.10	42	8720	3.726 ug/l	92
42) 1-Chlorobutane	5.47	56	31689	1.721 ug/l	99

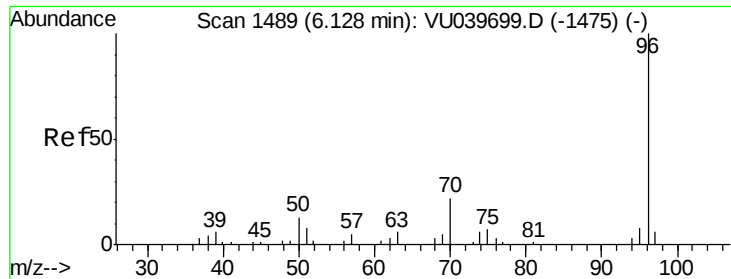
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039732.D
 Acq On : 31 Jul 2020 13:43
 Operator : SY/MD
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Quant Time: Aug 01 01:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7880	1.831	ug/l	93
44) Bromodichloromethane	7.12	83	16680	1.690	ug/l	97
45) 4-Methyl-2-Pentanone	7.82	43	56694	8.697	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	5643m	2.910	ug/l	
47) Methyl methacrylate	6.98	69	13968	3.480	ug/l	99
48) Ethyl methacrylate	8.35	69	11904	1.611	ug/l	98
49) Toluene	7.98	92	27858	1.613	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	13768	1.549	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	16122	1.543	ug/l	94
52) 1,1,2-Trichloroethane	8.41	97	9584	1.714	ug/l	93
53) 1,3-Dichloropropane	8.58	76	18393	1.713	ug/l	99
54) 2-Hexanone	8.70	43	39488	8.460	ug/l	96
55) Dibromochloromethane	8.82	129	10299	1.715	ug/l	97
56) 1,2-Dibromoethane	8.93	107	9346	1.735	ug/l	98
58) Tetrachloroethene	8.56	164	10267	1.767	ug/l	96
59) Chlorobenzene	9.45	112	29408	1.647	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	9983	1.658	ug/l	99
61) Pentachloroethane	11.43	117	8562	1.618	ug/l	94
62) Hexachloroethane	12.47	117	7699	1.588	ug/l	94
63) Ethyl Benzene	9.57	91	50092	1.565	ug/l	96
64) m/p-Xylenes	9.70	106	40080	3.205	ug/l	98
65) o-Xylene	10.10	106	18904	1.592	ug/l	99
66) Styrene	10.12	104	32500	1.597	ug/l	99
67) Bromoform	10.29	173	4719	1.541	ug/l #	94
69) Isopropylbenzene	10.48	105	49912	1.574	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	14188	1.763	ug/l	97
71) 1,2,3-Trichloropropane	10.83	75	11610m	1.915	ug/l	
72) Bromobenzene	10.78	156	11727	1.628	ug/l	95
73) n-propylbenzene	10.91	120	13274	1.489	ug/l	90
74) 2-Chlorotoluene	10.99	126	12245	1.626	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	43361	1.582	ug/l	100
76) 4-Chlorotoluene	11.10	126	13238	1.697	ug/l	93
77) tert-Butylbenzene	11.42	119	40670	1.546	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	44075	1.568	ug/l	97
79) sec-Butylbenzene	11.64	105	58941	1.575	ug/l	98
80) Nitrobenzene	13.20	77	835	6.131	ug/l #	86
81) p-Isopropyltoluene	11.79	119	47196	1.564	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	25532	1.647	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	25776	1.653	ug/l	100
84) n-Butylbenzene	12.20	91	48005	1.498	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	24016	1.607	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2137	1.576	ug/l	95
87) 1,2,4-Trichlorobenzene	13.83	180	13619	1.457	ug/l	99
88) Hexachlorobutadiene	14.01	225	6819	1.607	ug/l	99
89) Naphthalene	14.08	128	27496	1.375	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	13373	1.516	ug/l	97

(#) = 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: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

Tgt Ion: 96 Resp: 23190

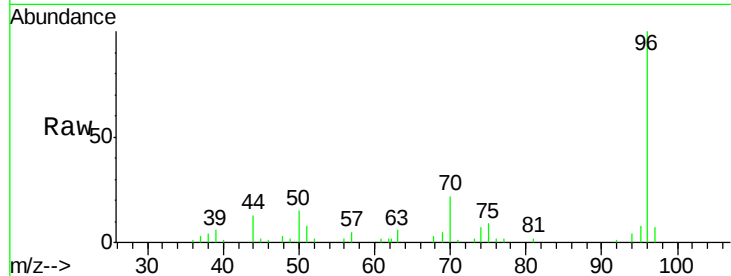
Ion Ratio Lower Upper

96 100

70 21.6 16.3 24.5

95 8.3 6.8 10.2

97 6.7 0.0 0.0#

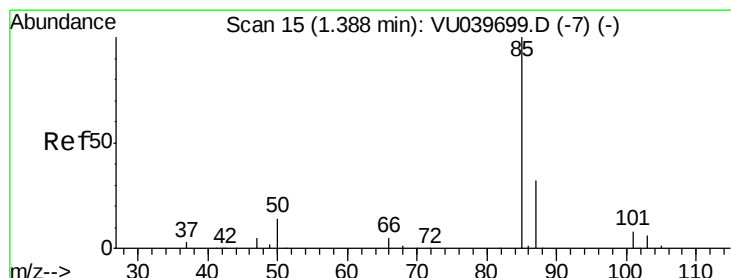
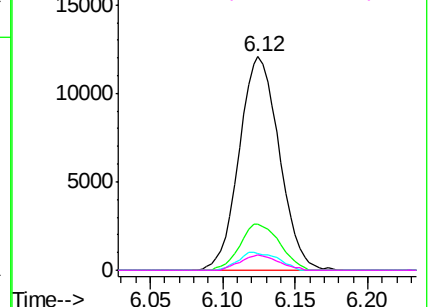
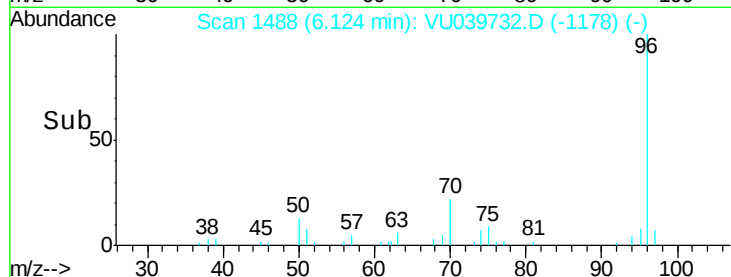


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 1.787 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039732.D

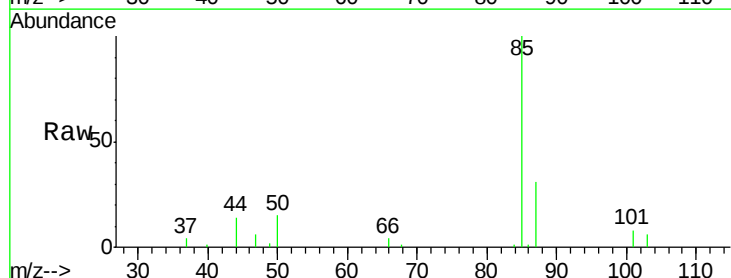
Acq: 31 Jul 2020 13:43

Tgt Ion: 85 Resp: 14403

Ion Ratio Lower Upper

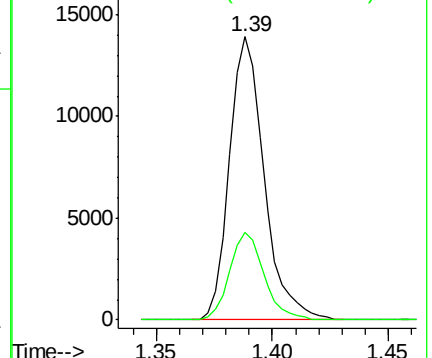
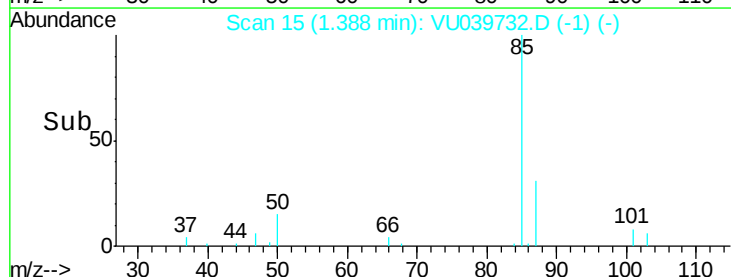
85 100

87 31.0 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: 1.866 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

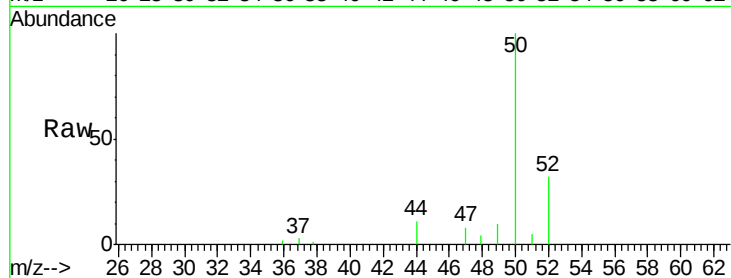
VU0731WBS01

Tgt Ion: 50 Resp: 18674

Ion Ratio Lower Upper

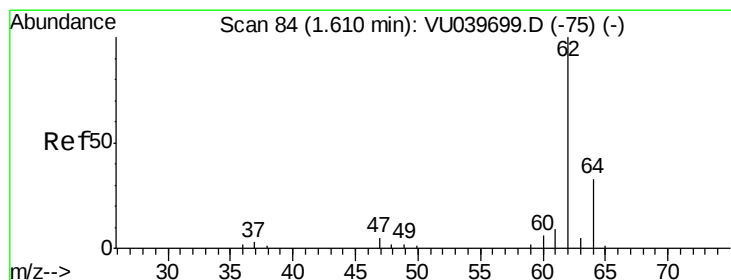
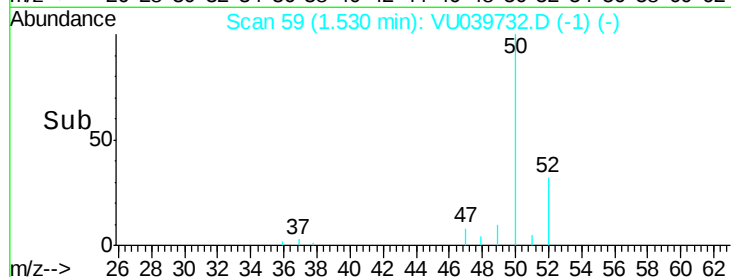
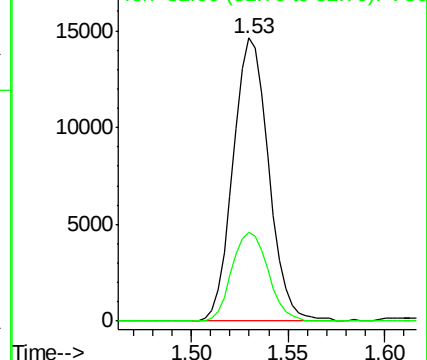
50 100

52 31.6 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.782 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039732.D

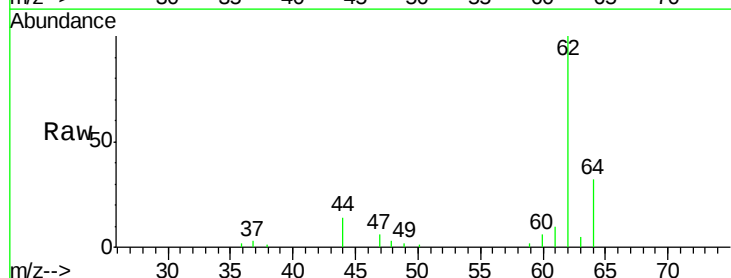
Acq: 31 Jul 2020 13:43

Tgt Ion: 62 Resp: 16439

Ion Ratio Lower Upper

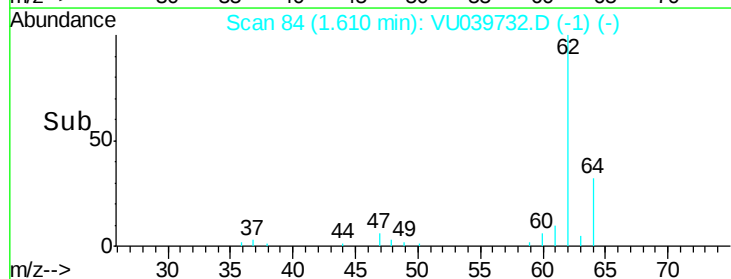
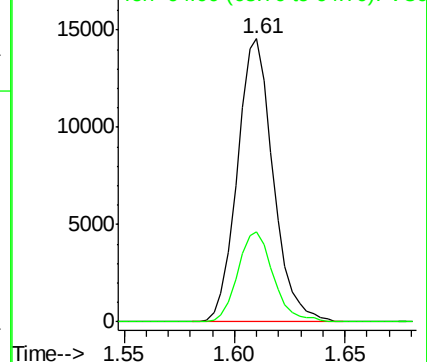
62 100

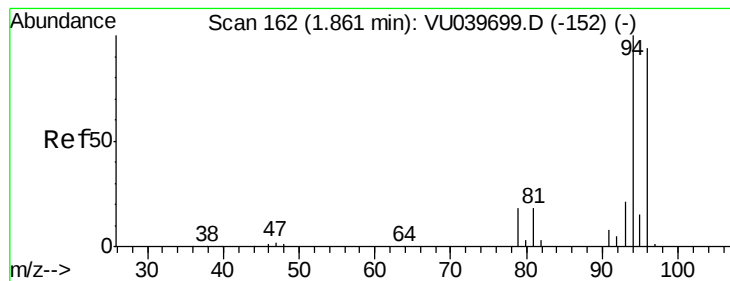
64 31.7 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.717 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

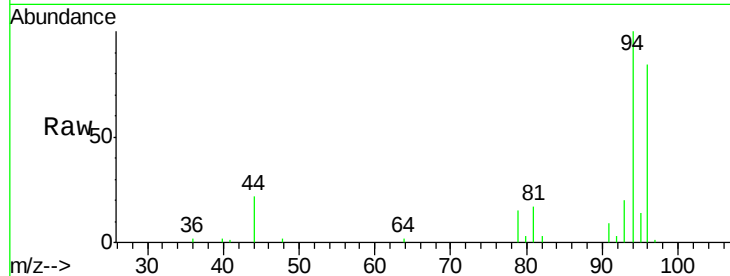
VU0731WBS01

Tgt Ion: 94 Resp: 10836

Ion Ratio Lower Upper

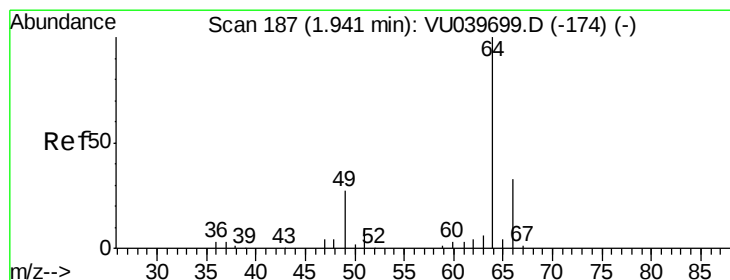
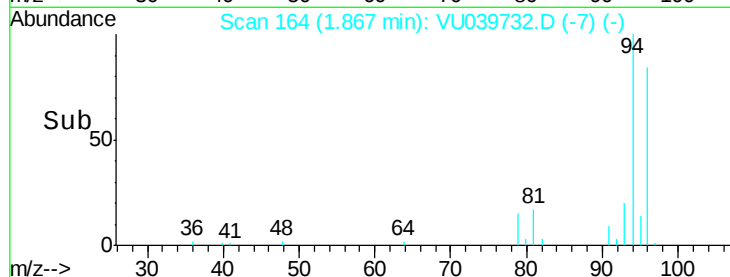
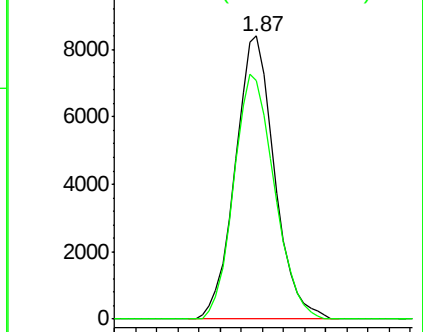
94 100

96 84.3 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.987 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039732.D

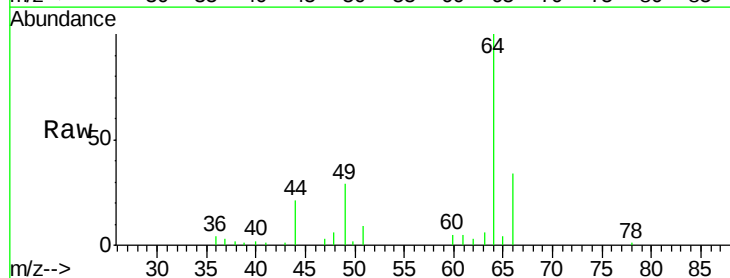
Acq: 31 Jul 2020 13:43

Tgt Ion: 64 Resp: 12717

Ion Ratio Lower Upper

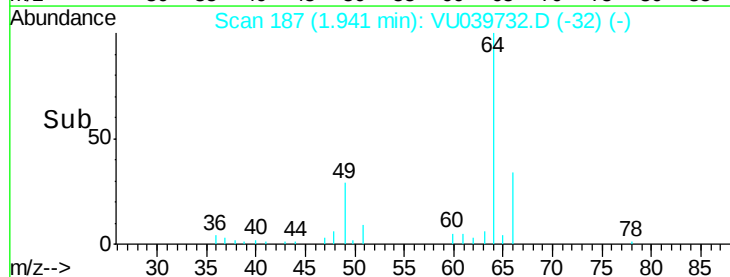
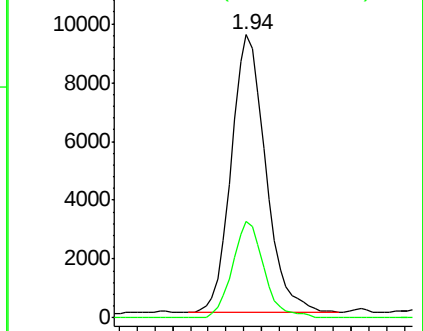
64 100

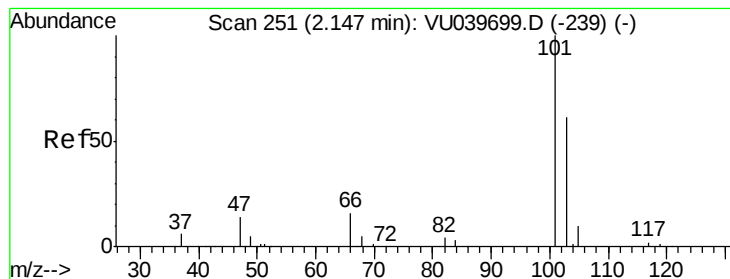
66 34.8 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 1.855 ug/l

RT: 2.15 min Scan# 251

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

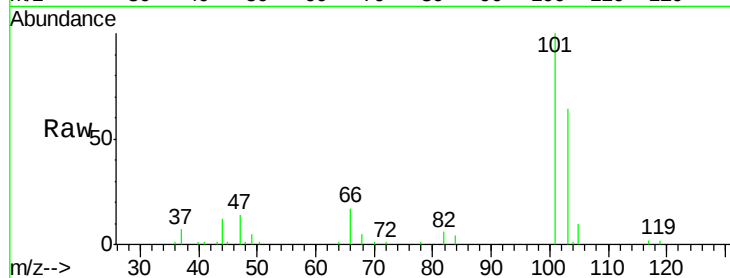
VU0731WBS01

Tgt Ion:101 Resp: 22630

Ion Ratio Lower Upper

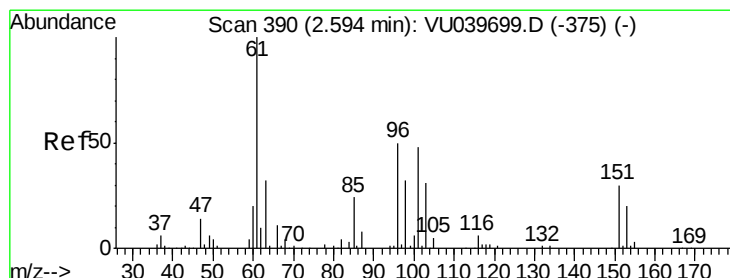
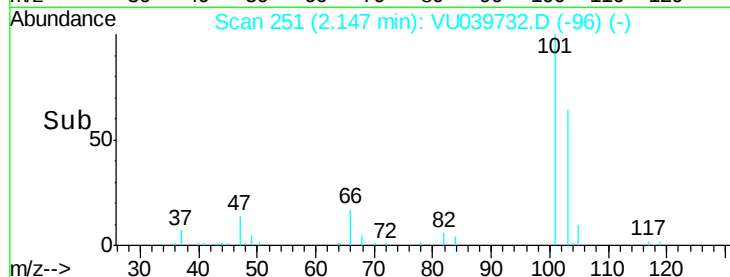
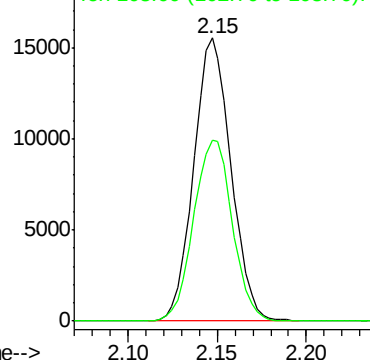
101 100

103 64.1 48.8 73.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 1.814 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

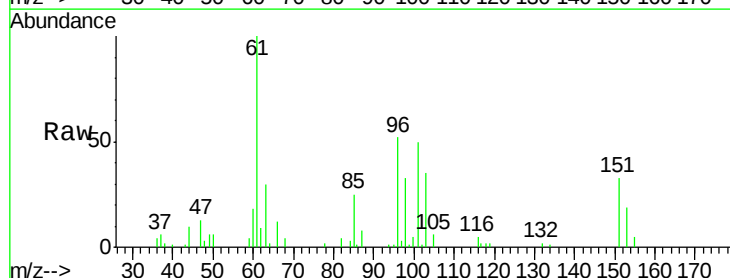
Tgt Ion:101 Resp: 12700

Ion Ratio Lower Upper

101 100

85 50.3 39.9 59.9

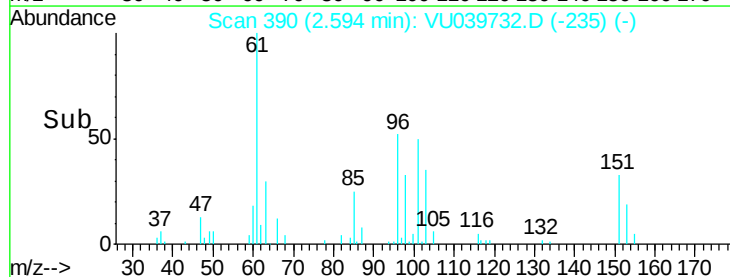
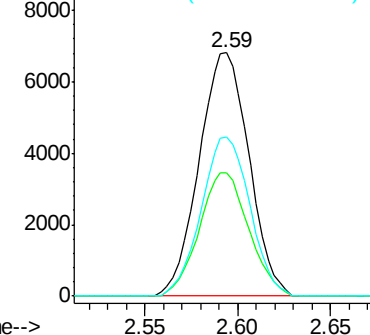
151 63.6 51.0 76.4

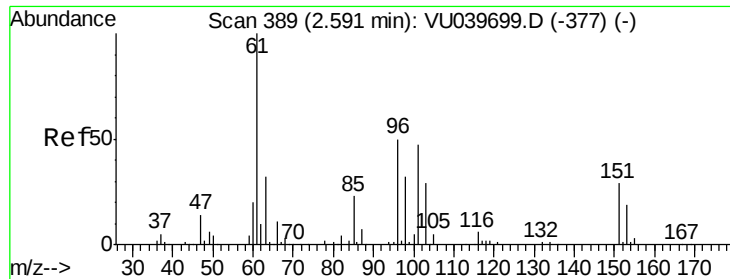


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.756 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

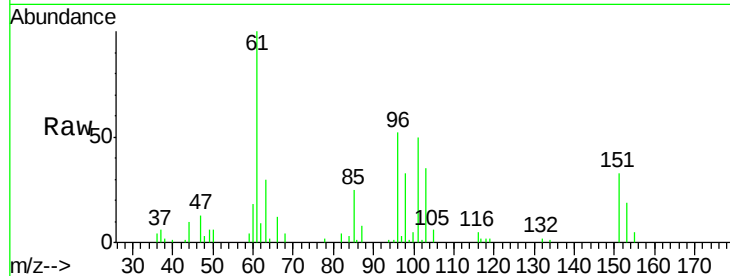
Tgt Ion: 96 Resp: 11318

Ion Ratio Lower Upper

96 100

61 192.3 0.0 604.5

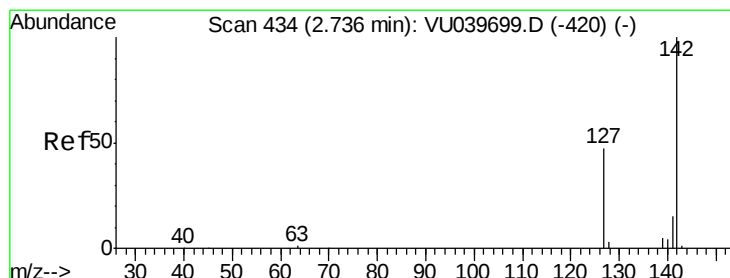
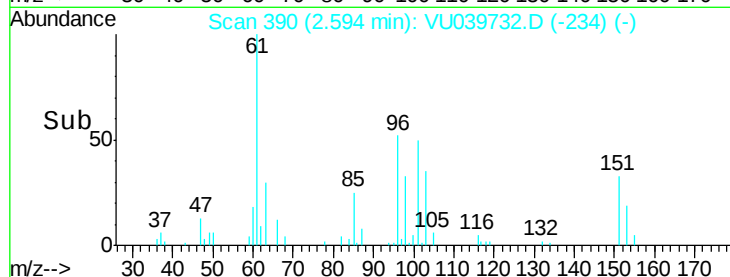
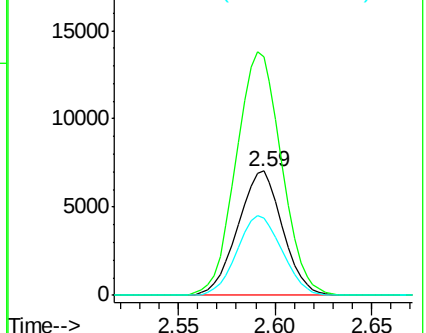
98 62.6 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)



#10

Iodomethane

Concen: 2.203 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039732.D

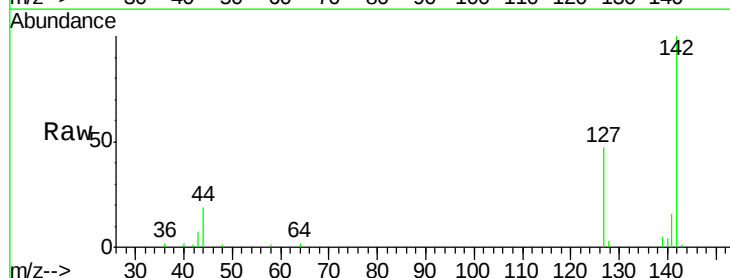
Acq: 31 Jul 2020 13:43

Tgt Ion: 142 Resp: 14317

Ion Ratio Lower Upper

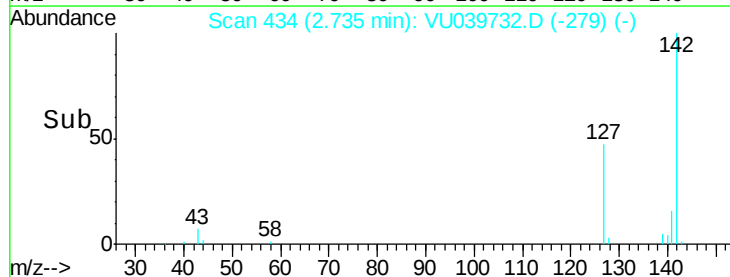
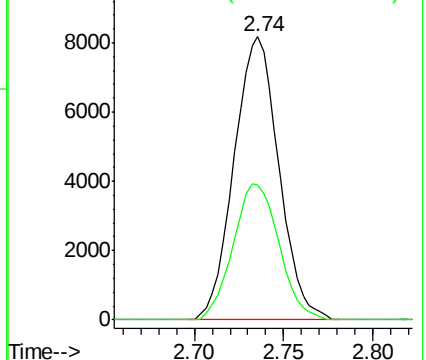
142 100

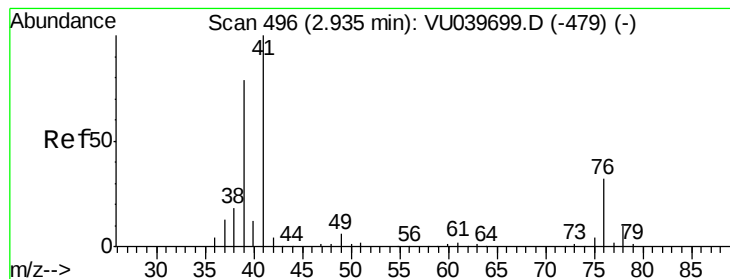
127 49.2 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)





#11

Allyl Chloride

Concen: 1.723 ug/l

RT: 2.94 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

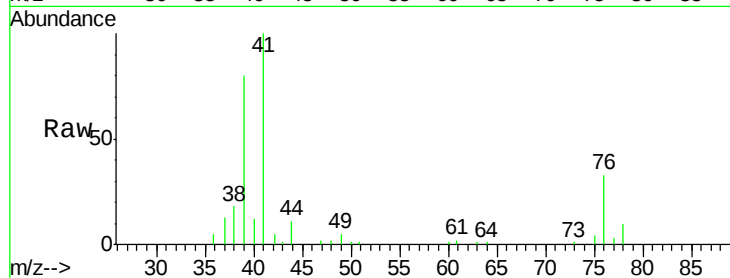
VU0731WBS01

Tgt Ion: 41 Resp: 23952

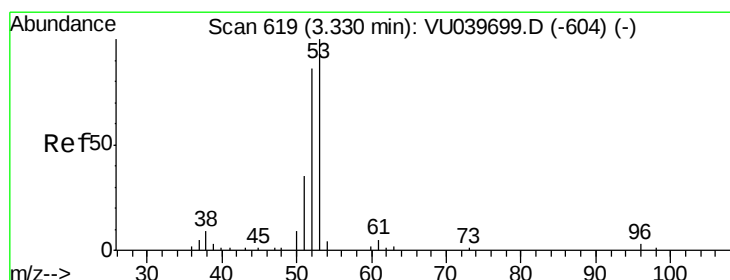
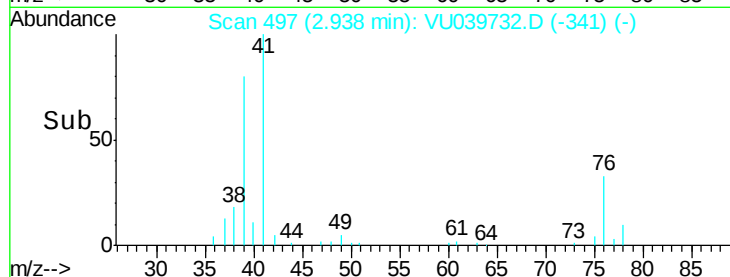
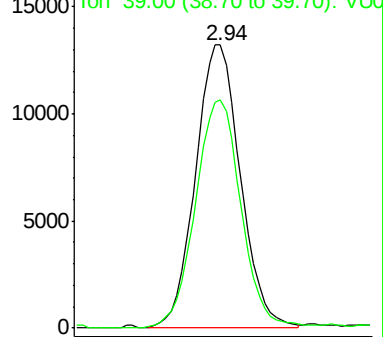
Ion Ratio Lower Upper

41 100

39 82.2 64.2 96.2



Abundance Ion 41.00 (40.70 to 41.70): VU039732.D (-341) (-)



#12

Acrylonitrile

Concen: 3.936 ug/l

RT: 3.34 min Scan# 622

Delta R.T. 0.01 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

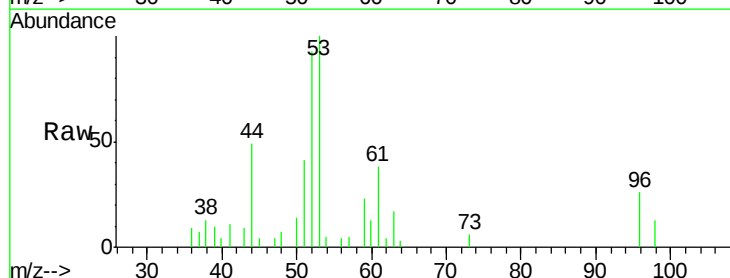
Tgt Ion: 53 Resp: 8901

Ion Ratio Lower Upper

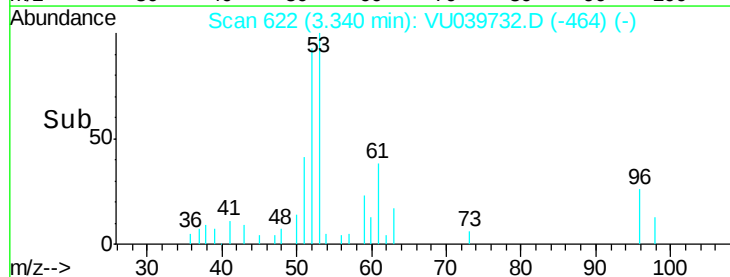
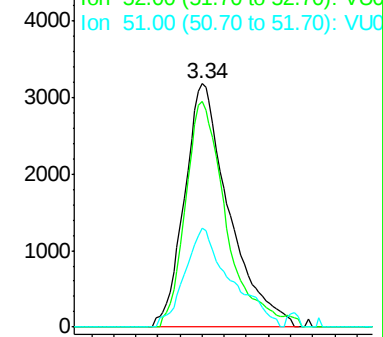
53 100

52 83.7 69.1 103.7

51 41.9 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU039732.D (-464) (-)





#13

Acetone

Concen: 9.078 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.02 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

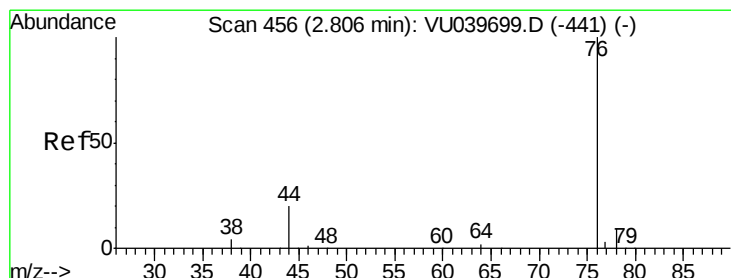
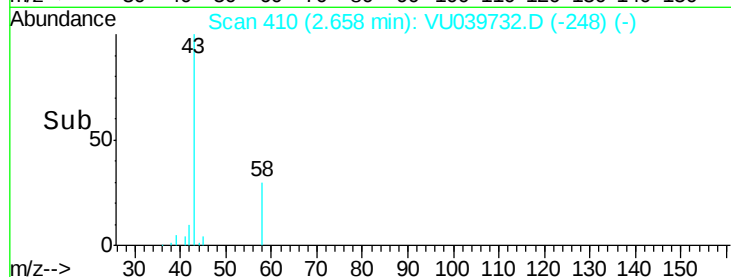
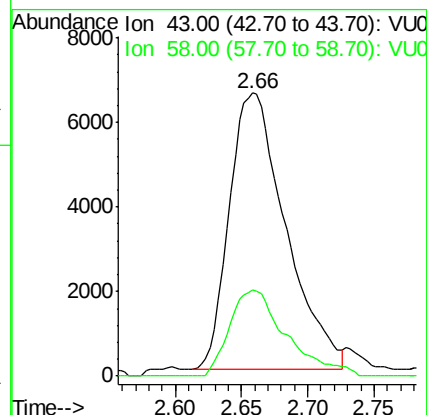
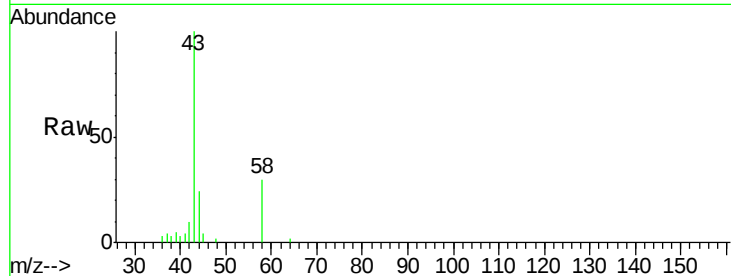
VU0731WBS01

Tgt Ion: 43 Resp: 19319

Ion Ratio Lower Upper

43 100

58 31.2 21.8 32.6



#14

Carbon Disulfide

Concen: 1.716 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039732.D

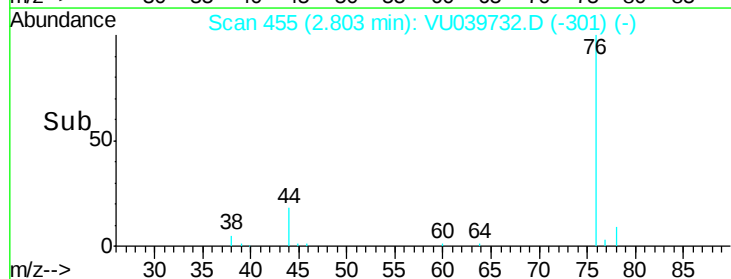
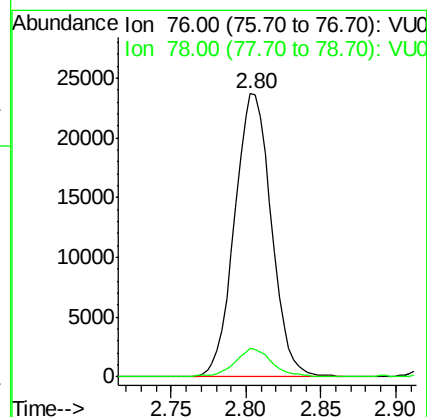
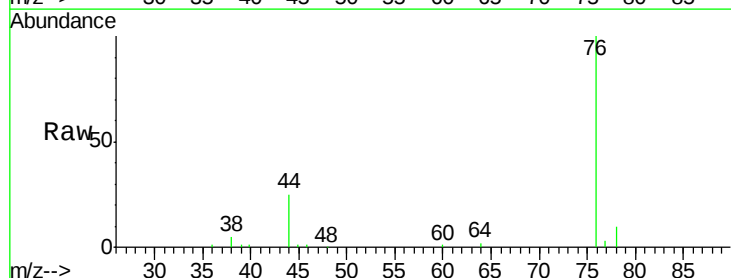
Acq: 31 Jul 2020 13:43

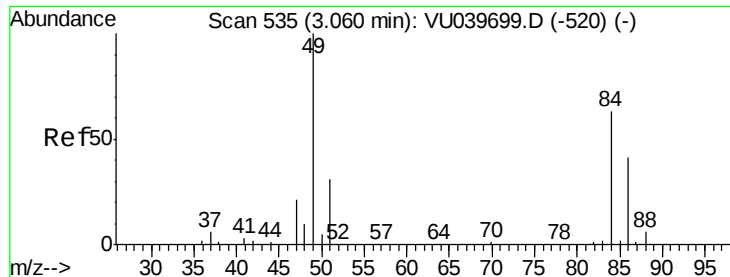
Tgt Ion: 76 Resp: 40540

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.6





#15

Methylene Chloride

Concen: 1.915 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

Tgt Ion: 84 Resp: 17202

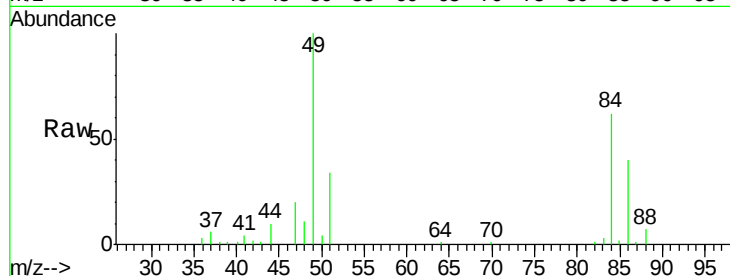
Ion Ratio Lower Upper

84 100

49 160.7 126.8 190.2

51 54.1 0.0 97.2

86 64.0 51.4 77.2

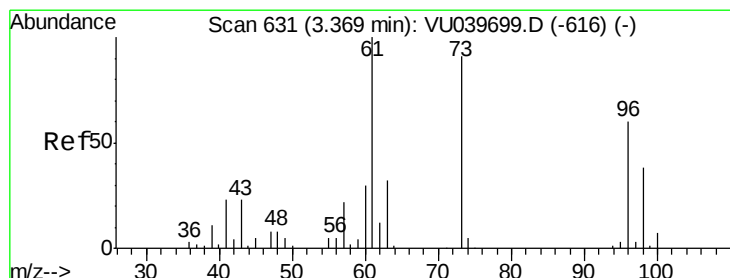
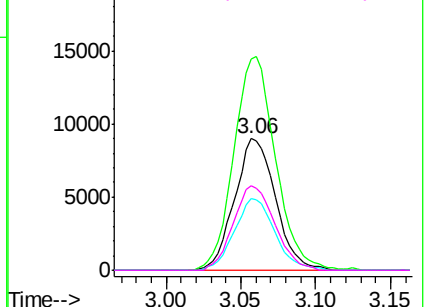
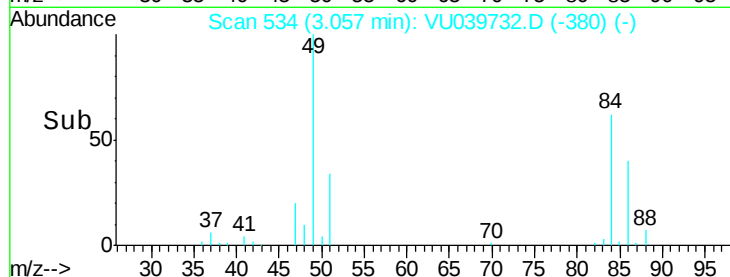


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 1.789 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

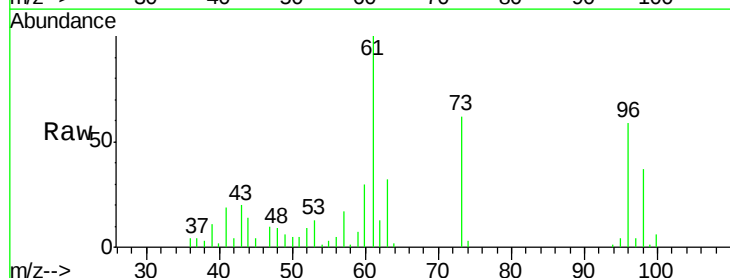
Tgt Ion: 96 Resp: 13107

Ion Ratio Lower Upper

96 100

61 170.2 132.6 199.0

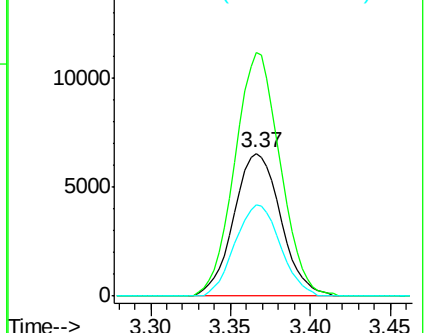
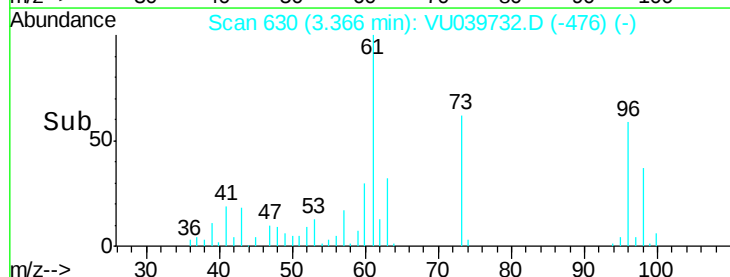
98 63.7 50.2 75.2

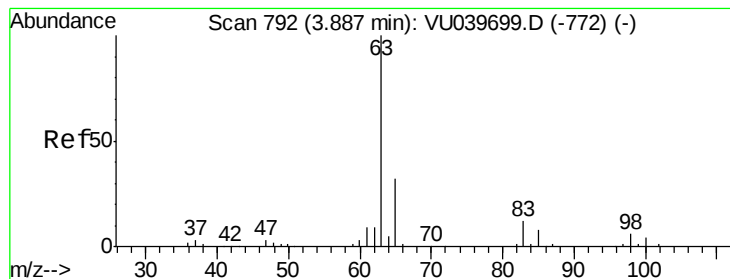


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 1.785 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

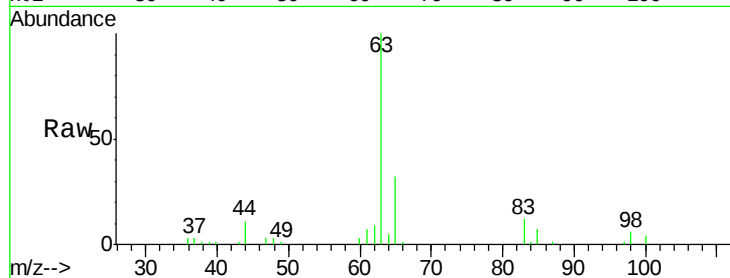
Tgt Ion: 63 Resp: 28718

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

100 3.7 2.0 6.0

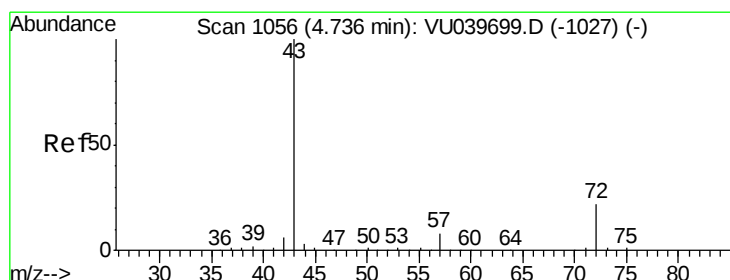
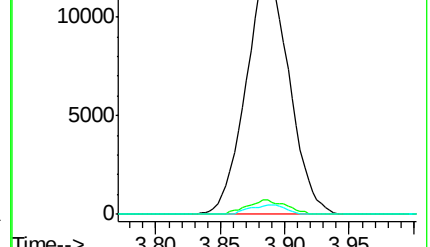
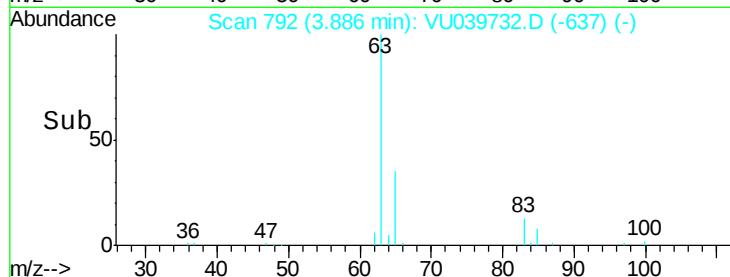


Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-772) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-772) (-)

Ion 100.00 (99.70 to 100.70): VU039699.D (-772) (-)

Time-->



#18

2-Butanone

Concen: 9.666 ug/l

RT: 4.75 min Scan# 1061

Delta R.T. 0.02 min

Lab File: VU039732.D

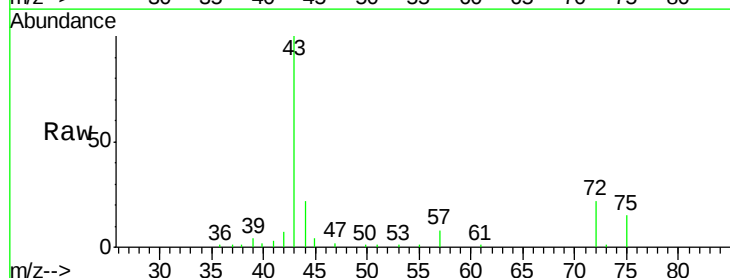
Acq: 31 Jul 2020 13:43

Tgt Ion: 43 Resp: 34591

Ion Ratio Lower Upper

43 100

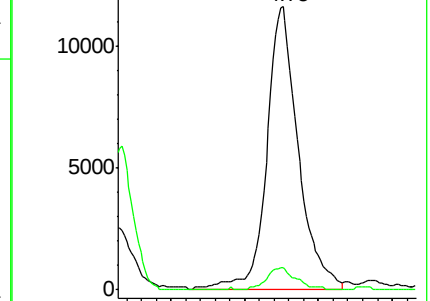
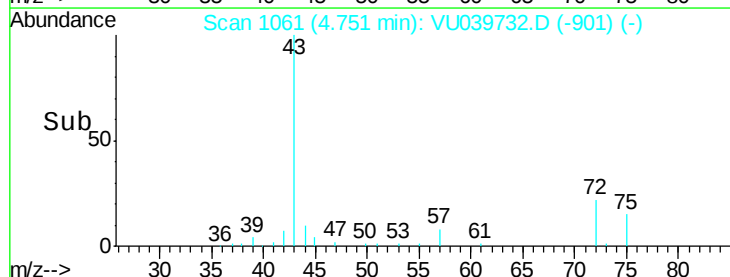
57 7.8 0.0 15.2

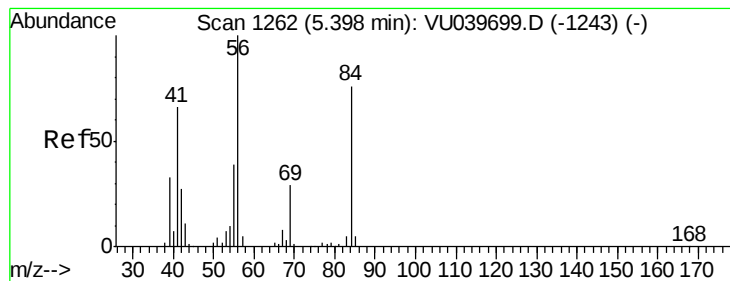


Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1027) (-)

Ion 57.00 (56.70 to 57.70): VU039699.D (-1027) (-)

Time-->





#19

Cyclohexane

Concen: 1.648 ug/l m

RT: 5.40 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

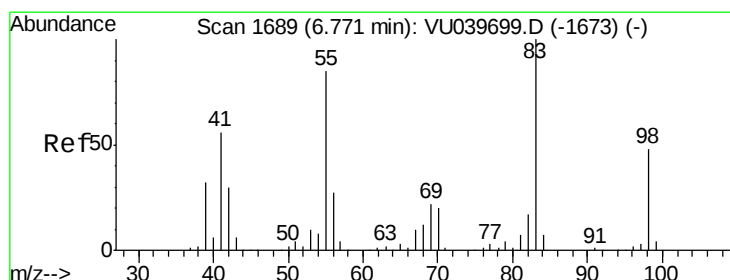
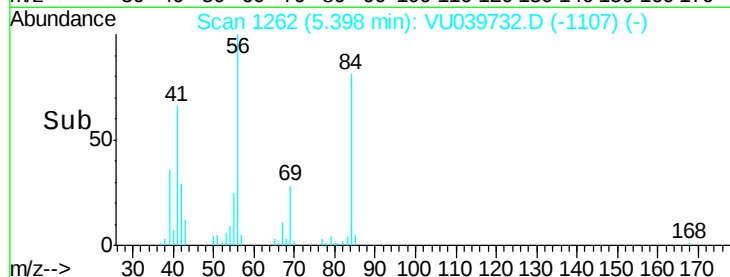
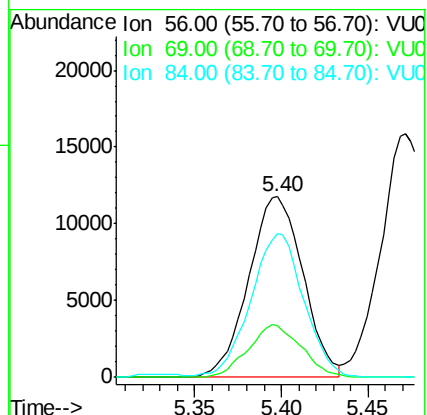
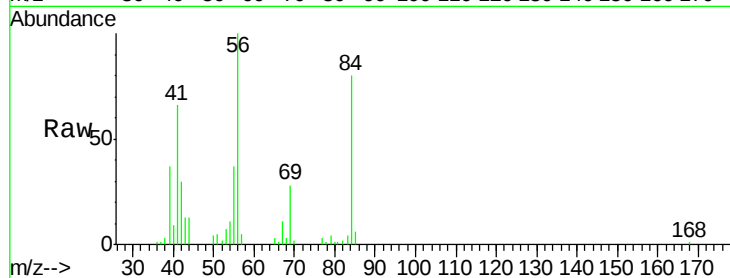
Tgt Ion: 56 Resp: 25656

Ion Ratio Lower Upper

56 100

69 28.2 22.8 34.2

84 76.6 59.9 89.9



#20

Methylcyclohexane

Concen: 1.740 ug/l

RT: 6.77 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

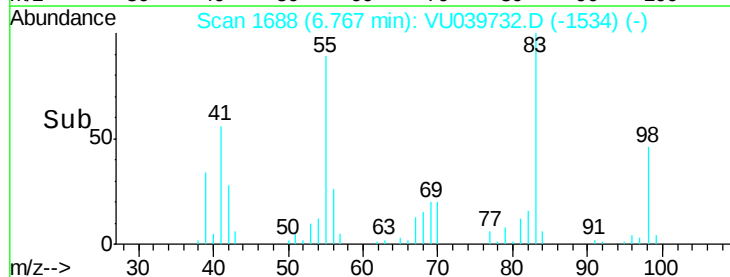
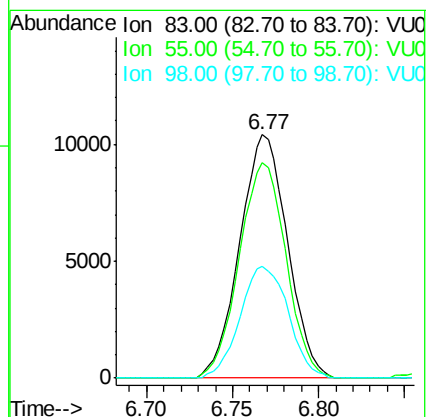
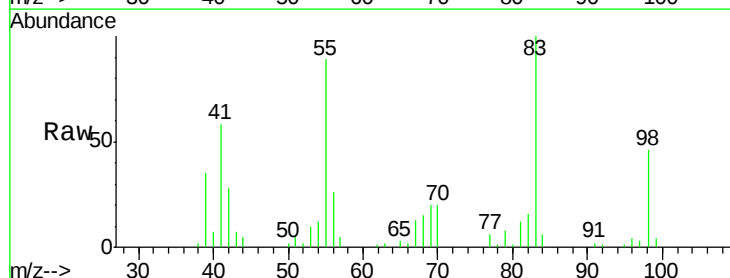
Tgt Ion: 83 Resp: 20073

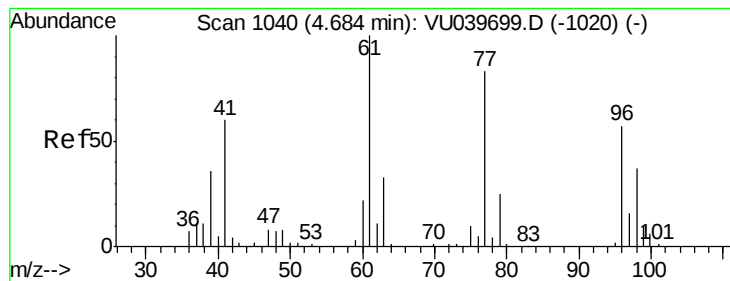
Ion Ratio Lower Upper

83 100

55 86.9 67.6 101.4

98 46.4 37.3 55.9





#21

2,2-Dichloropropane

Concen: 1.727 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

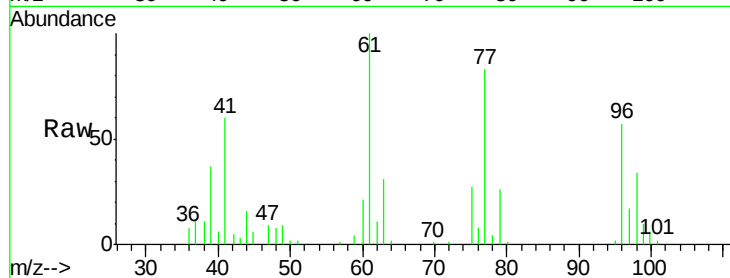
VU0731WBS01

Tgt Ion: 77 Resp: 22658

Ion Ratio Lower Upper

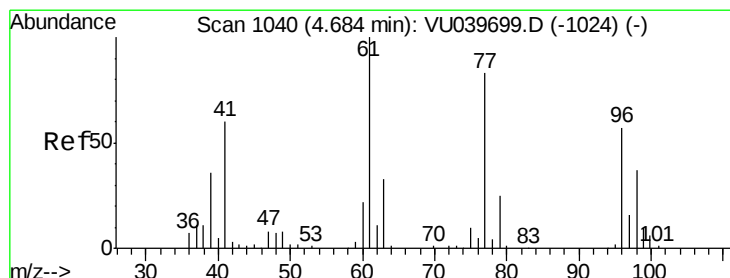
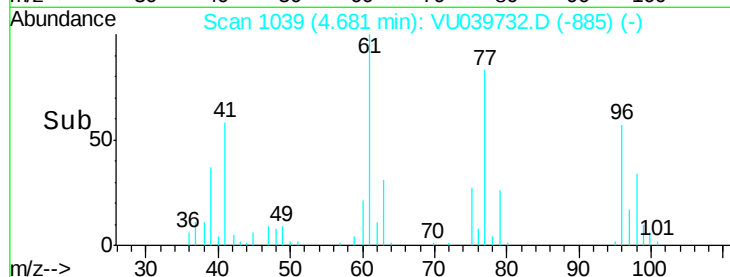
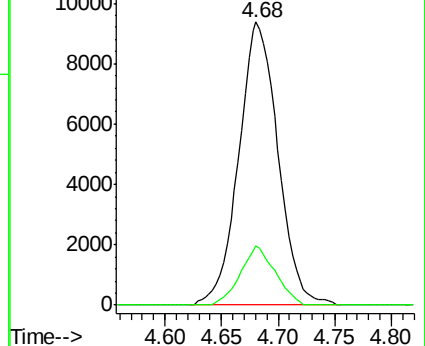
77 100

97 18.5 15.2 22.8



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.797 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

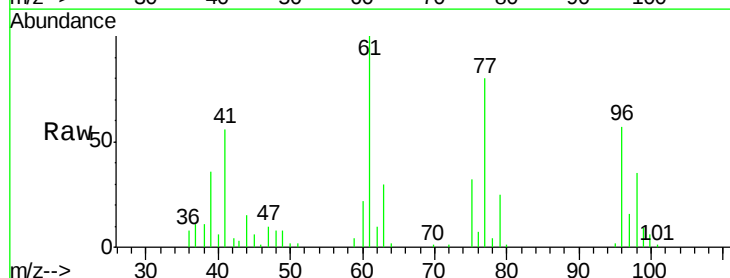
Tgt Ion: 96 Resp: 14192

Ion Ratio Lower Upper

96 100

61 181.3 0.0 451.3

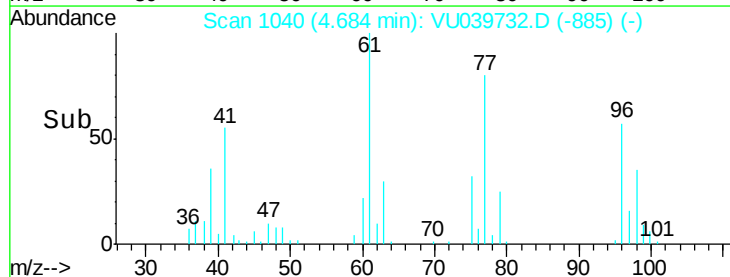
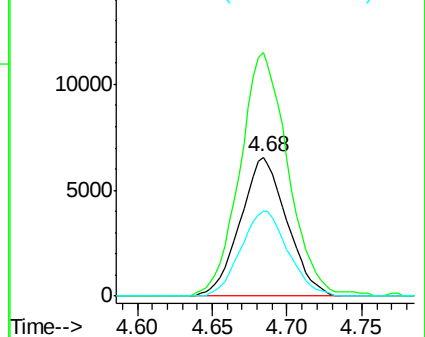
98 61.6 32.6 98.0

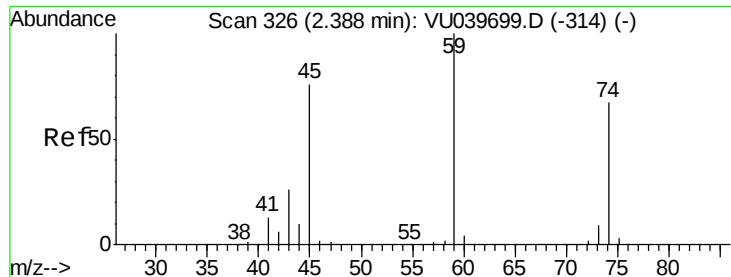


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

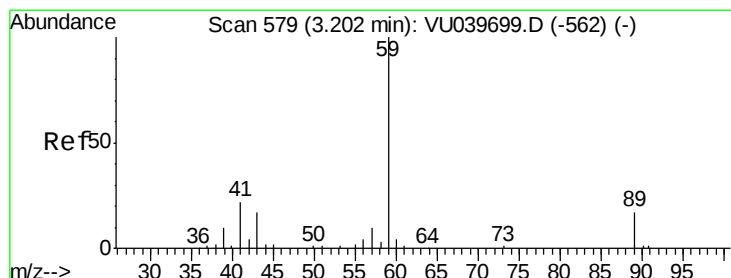
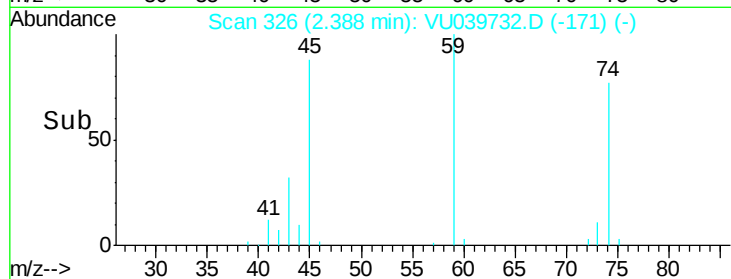
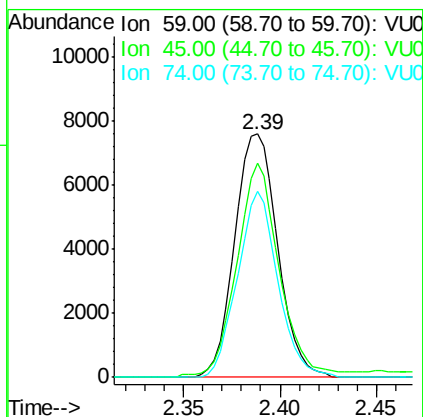
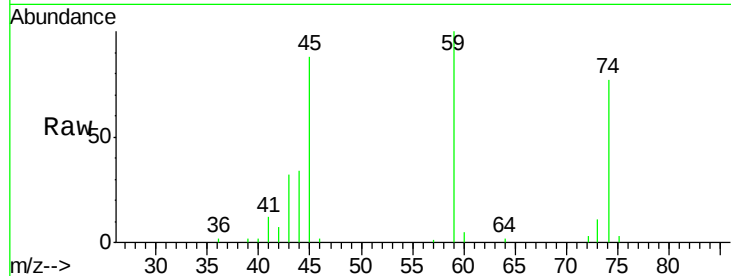




#23
Diethyl Ether
Concen: 1.786 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

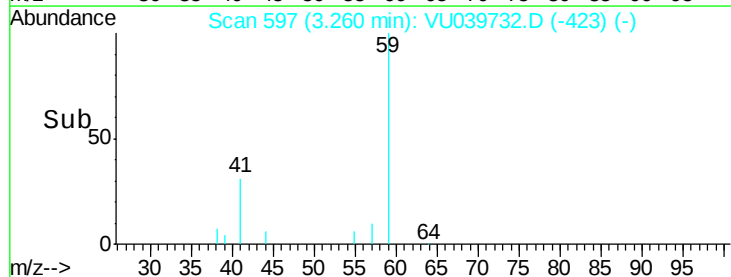
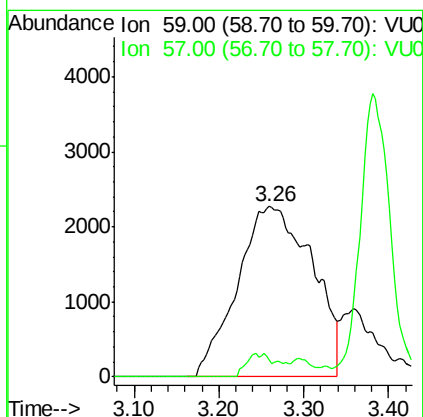
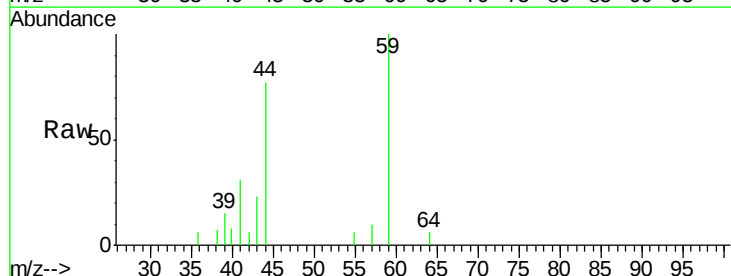
Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

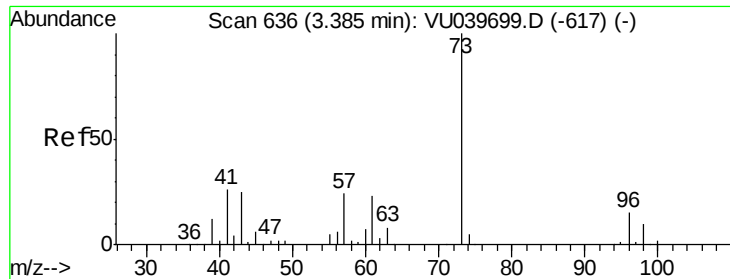
Tgt Ion: 59 Resp: 11766
Ion Ratio Lower Upper
59 100
45 87.2 61.5 92.3
74 71.8 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 10.345 ug/l m
RT: 3.26 min Scan# 597
Delta R.T. 0.06 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 59 Resp: 13975
Ion Ratio Lower Upper
59 100
57 2.3 7.8 11.6#





#25

Methyl tert-Butyl Ether

Concen: 1.752 ug/l

RT: 3.38 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

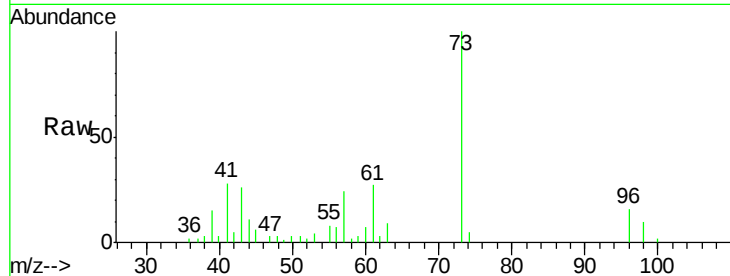
VU0731WBS01

Tgt Ion: 73 Resp: 36840

Ion Ratio Lower Upper

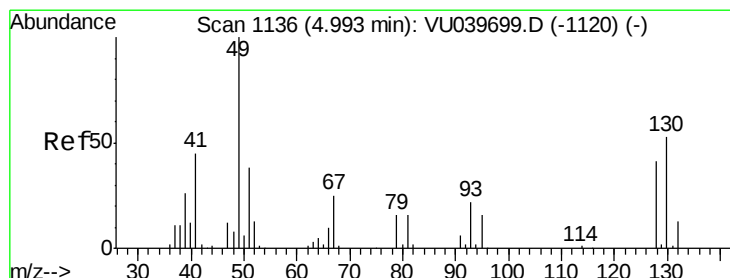
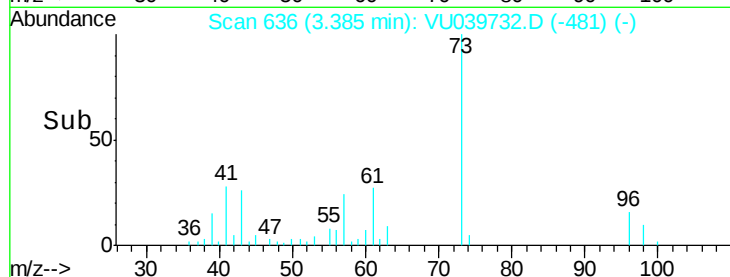
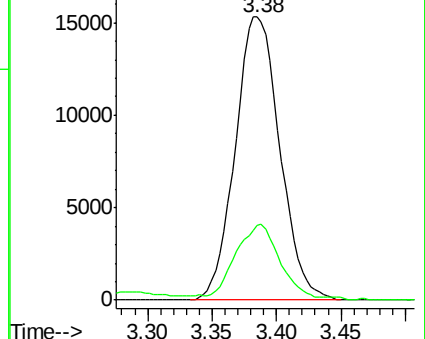
73 100

43 24.5 20.1 30.1



Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)



#26

Bromochloromethane

Concen: 1.893 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

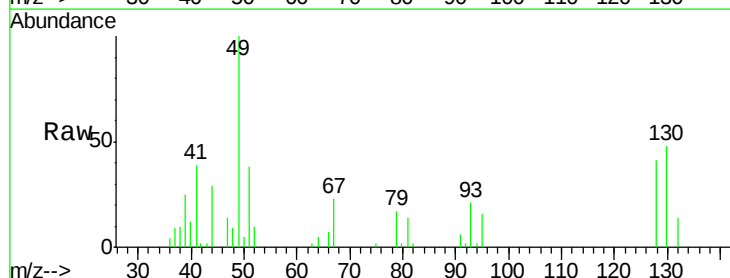
Tgt Ion: 128 Resp: 6114

Ion Ratio Lower Upper

128 100

49 245.1 0.0 503.8

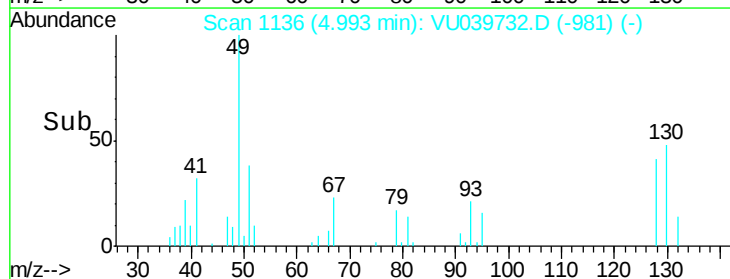
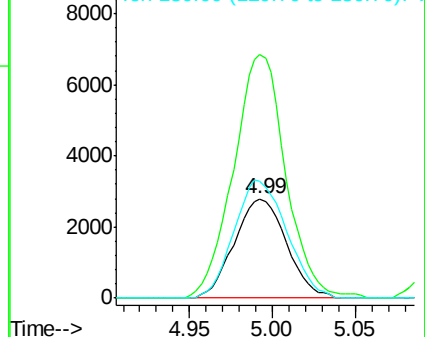
130 120.3 102.7 154.1

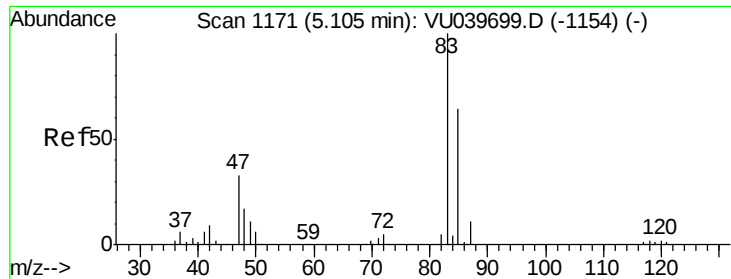


Abundance Ion 128.00 (127.70 to 128.70): VU039699.D (-1120) (-)

Ion 49.00 (48.70 to 49.70): VU039699.D (-1120) (-)

Ion 130.00 (129.70 to 130.70): VU039699.D (-1120) (-)

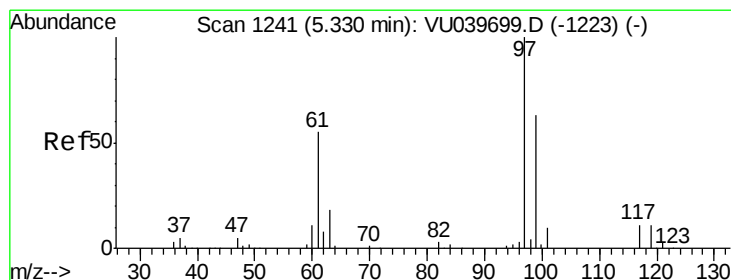
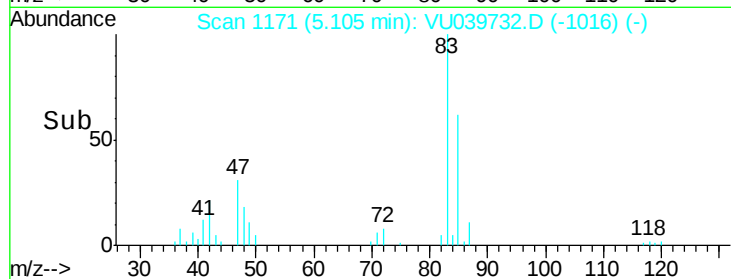
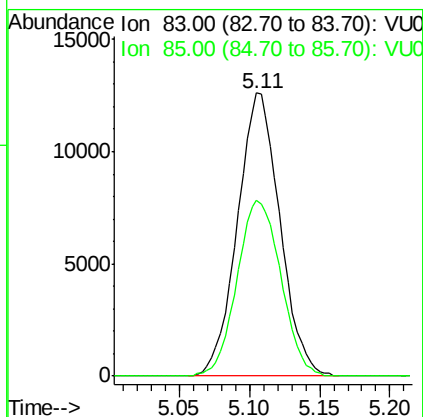
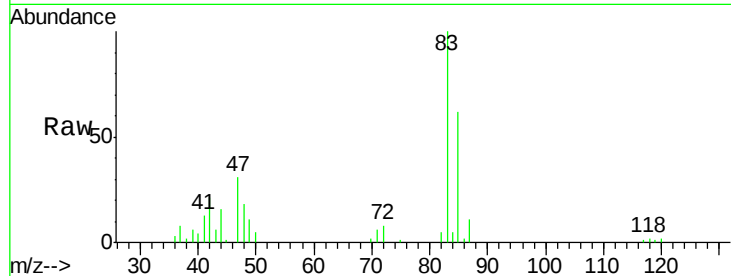




#27
Chloroform
Concen: 1.765 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

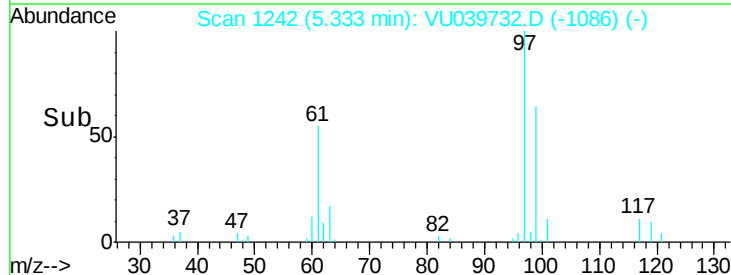
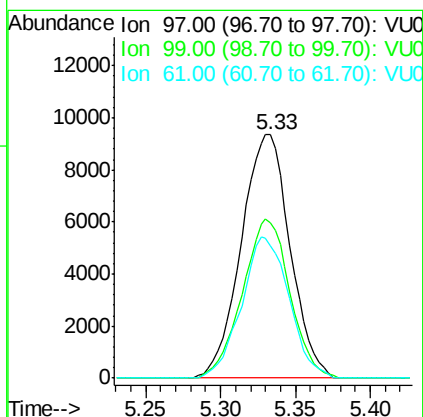
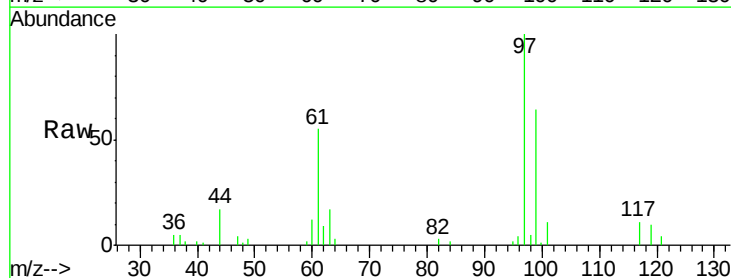
Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

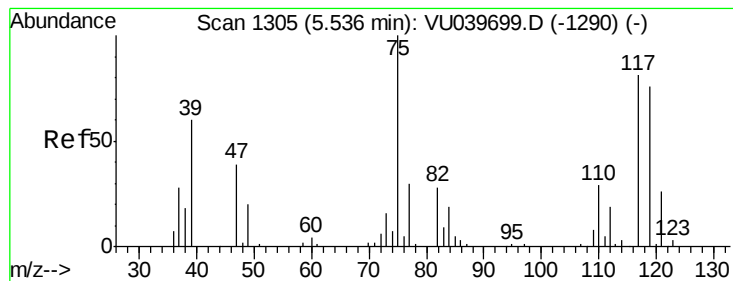
Tgt Ion: 83 Resp: 26579
Ion Ratio Lower Upper
83 100
85 62.1 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 1.742 ug/l
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 97 Resp: 21218
Ion Ratio Lower Upper
97 100
99 63.5 32.2 96.6
61 56.4 28.3 85.0





#29

1,1-Dichloropropene

Concen: 1.760 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

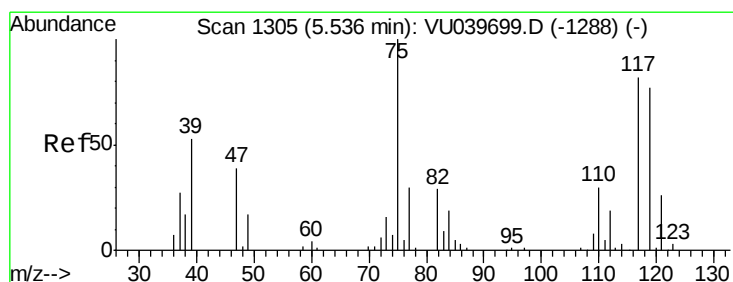
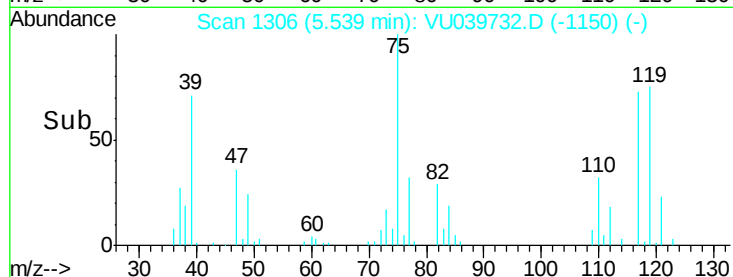
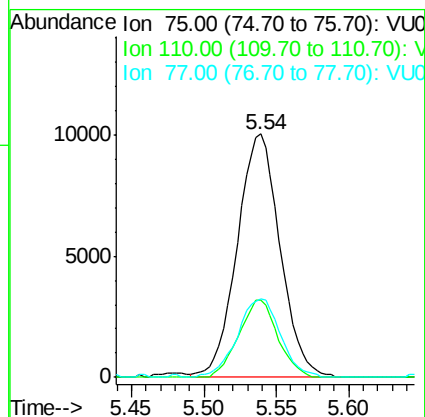
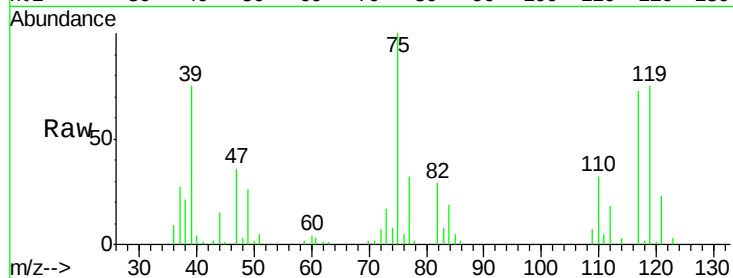
Tgt Ion: 75 Resp: 20642

Ion Ratio Lower Upper

75 100

110 29.0 14.6 44.0

77 32.5 25.0 37.4



#30

Carbon Tetrachloride

Concen: 1.656 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

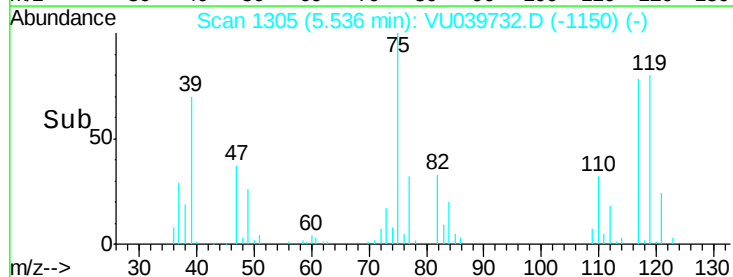
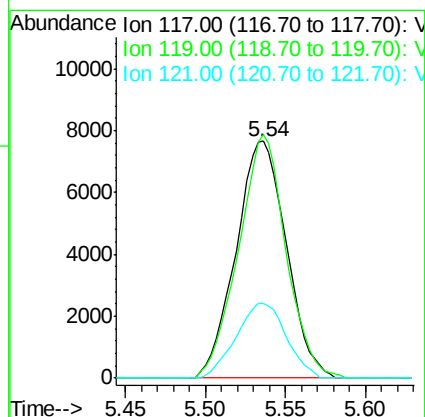
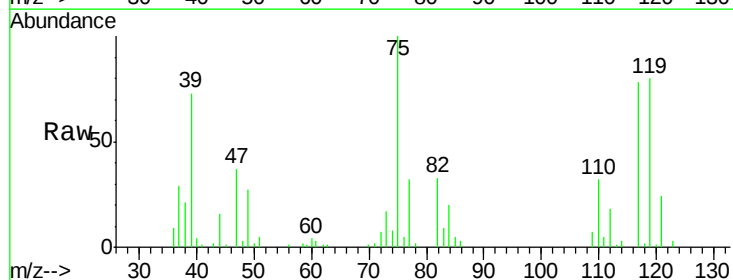
Tgt Ion: 117 Resp: 16499

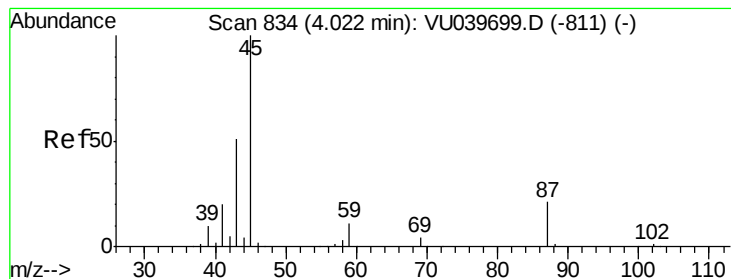
Ion Ratio Lower Upper

117 100

119 102.7 75.2 112.8

121 31.4 25.4 38.2





#31

Isopropyl Ether

Concen: 1.698 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

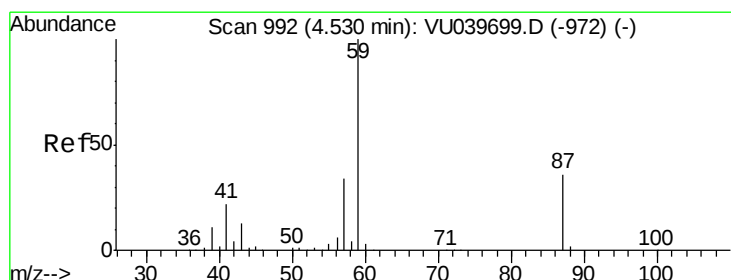
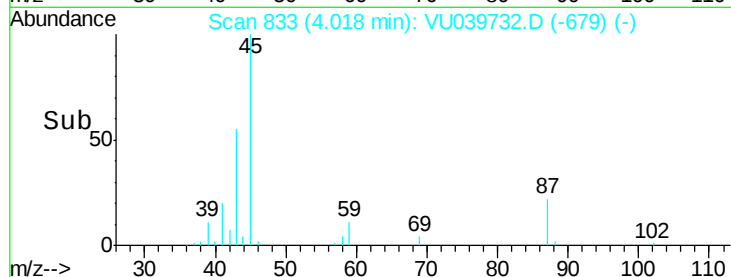
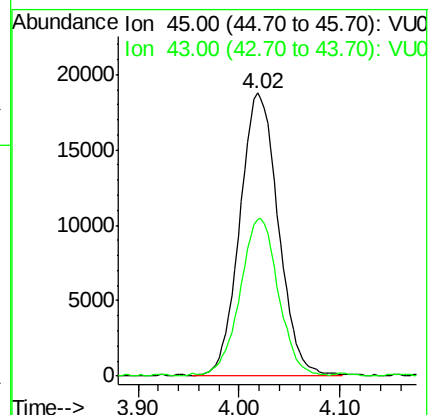
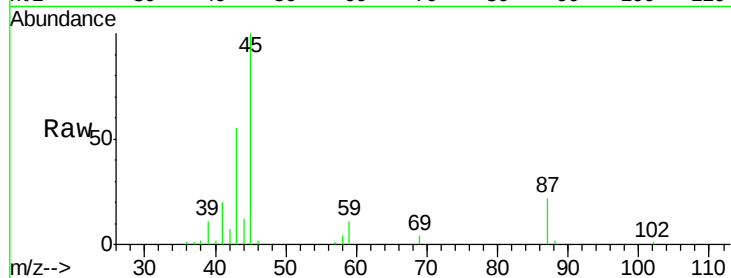
VU0731WBS01

Tgt Ion: 45 Resp: 49815

Ion Ratio Lower Upper

45 100

43 55.3 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 1.717 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039732.D

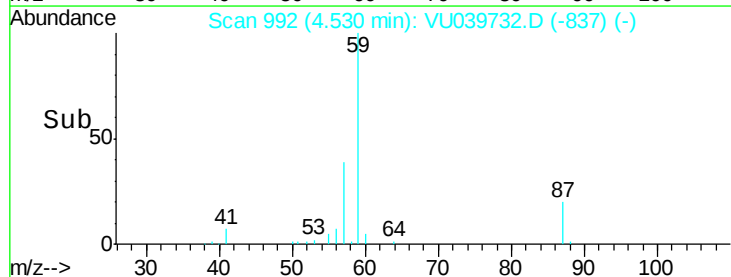
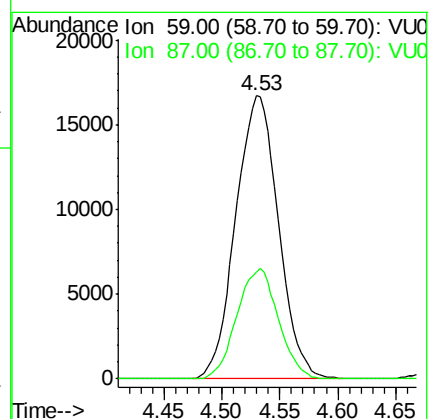
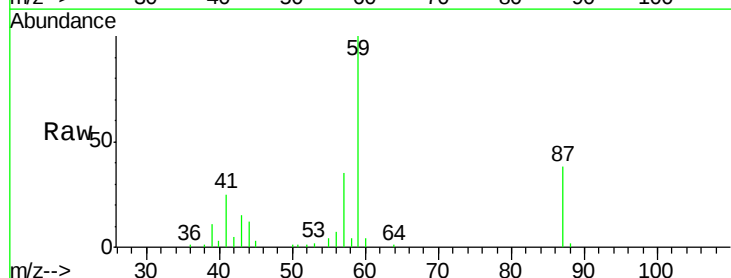
Acq: 31 Jul 2020 13:43

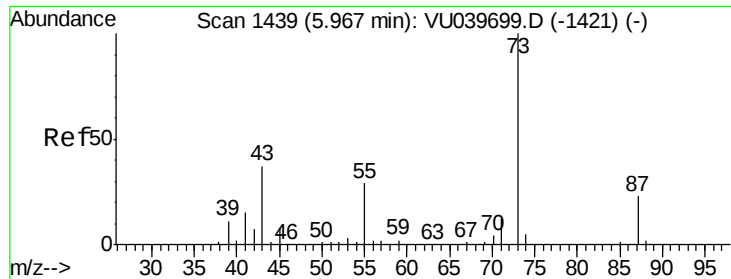
Tgt Ion: 59 Resp: 42863

Ion Ratio Lower Upper

59 100

87 37.7 29.4 44.0

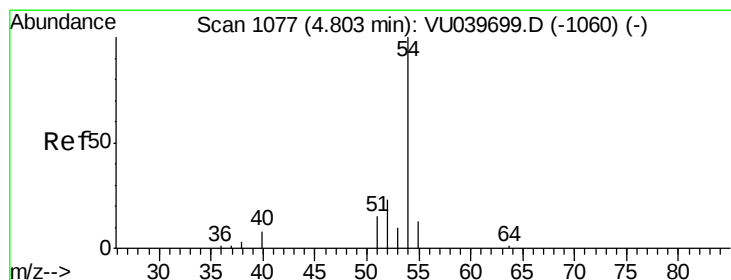
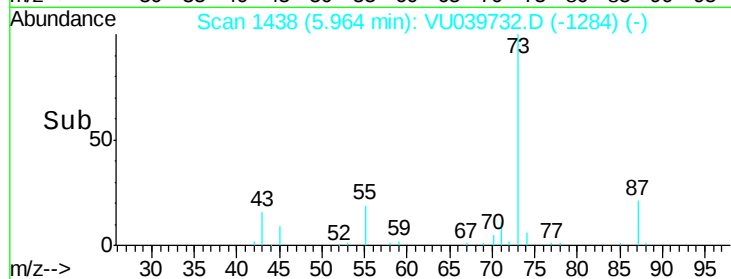
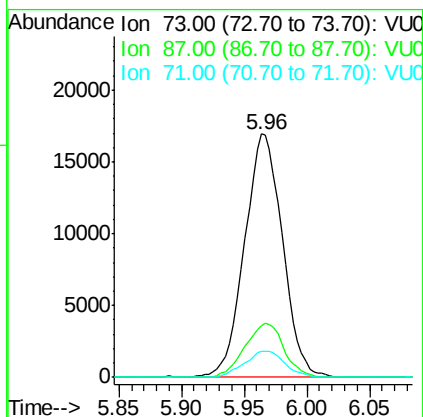
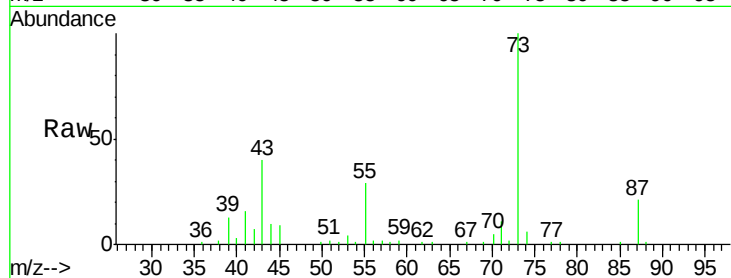




#33
 Tert-Amyl methyl ether
 Concen: 1.984 ug/l
 RT: 5.96 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

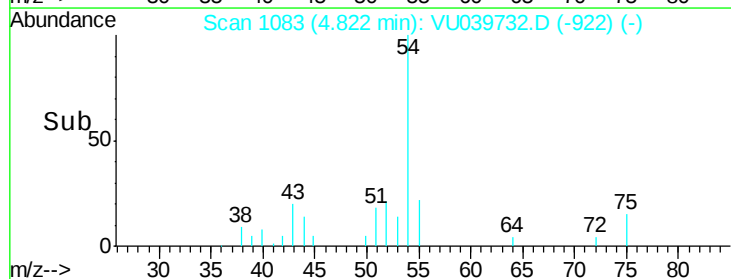
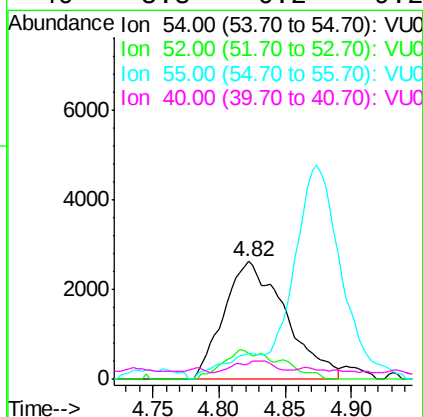
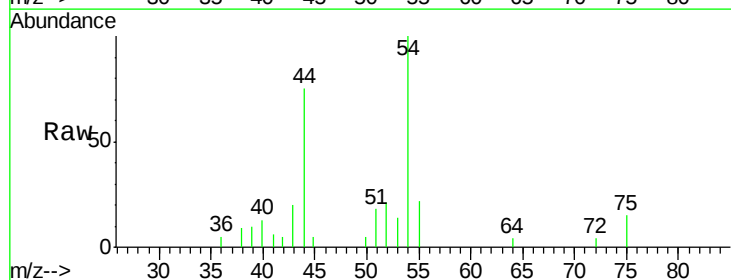
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

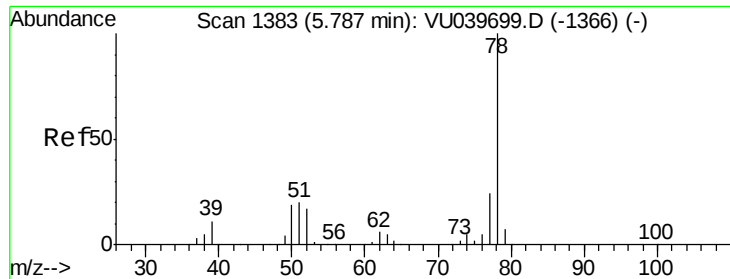
Tgt Ion: 73 Resp: 35706
 Ion Ratio Lower Upper
 73 100
 87 22.7 18.7 28.1
 71 11.3 9.1 13.7



#34
 Propionitrile
 Concen: 9.595 ug/l
 RT: 4.82 min Scan# 1083
 Delta R.T. 0.02 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 54 Resp: 8470
 Ion Ratio Lower Upper
 54 100
 52 11.7 16.9 25.3#
 55 14.1 12.9 19.3
 40 5.8 6.2 9.2#





#35

Benzene

Concen: 1.929 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

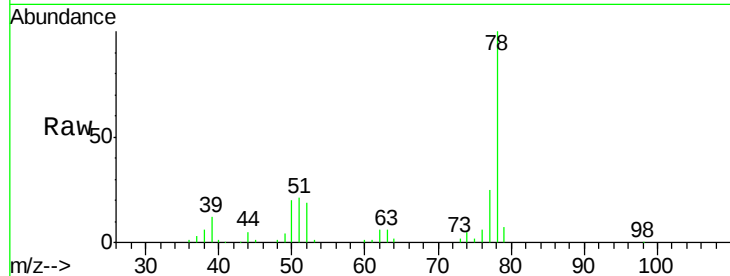
VU0731WBS01

Tgt Ion: 78 Resp: 55962

Ion Ratio Lower Upper

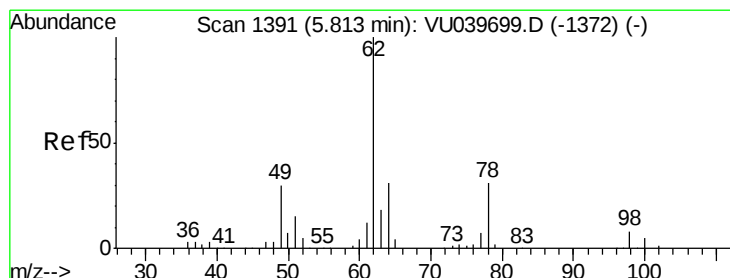
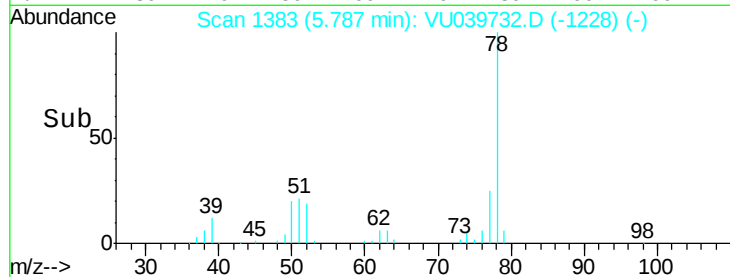
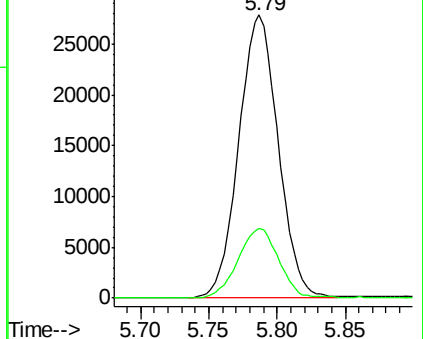
78 100

77 24.5 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: 1.965 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039732.D

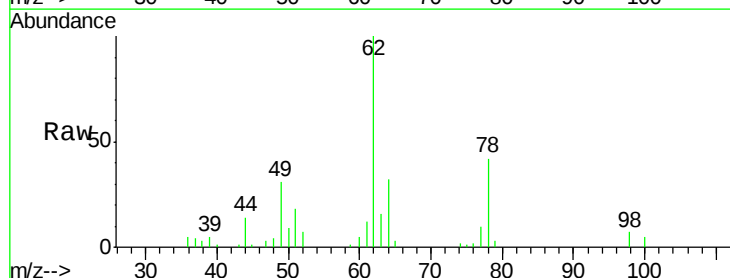
Acq: 31 Jul 2020 13:43

Tgt Ion: 62 Resp: 21377

Ion Ratio Lower Upper

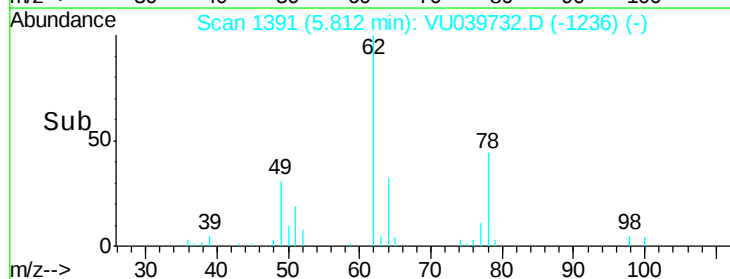
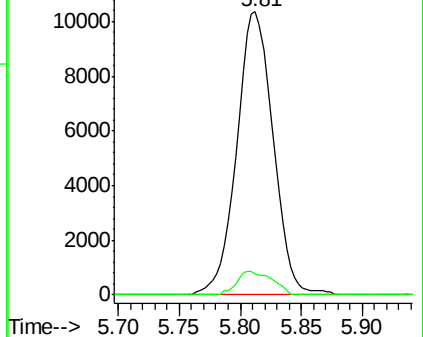
62 100

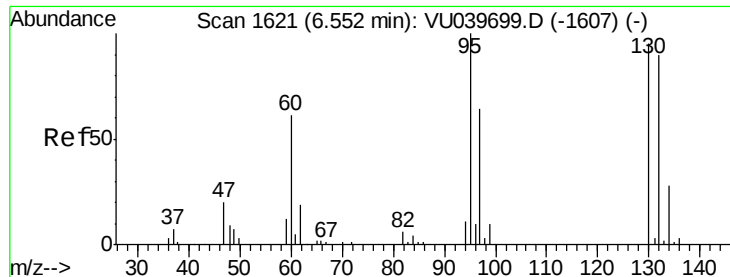
98 8.1 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

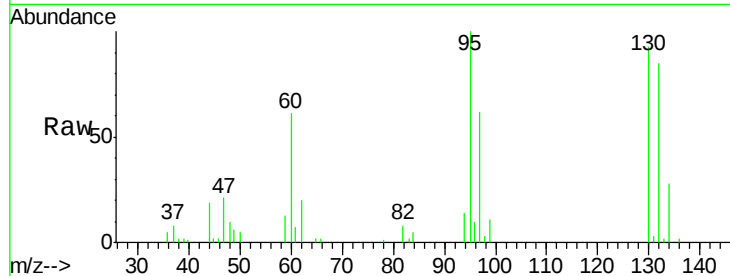




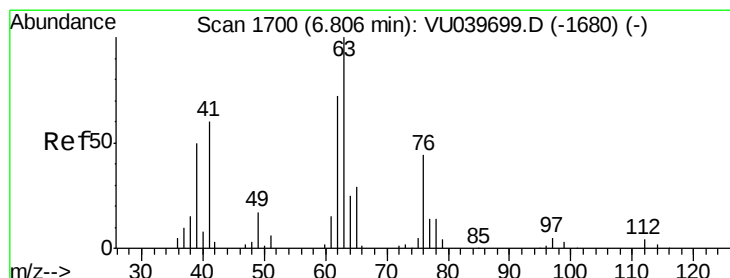
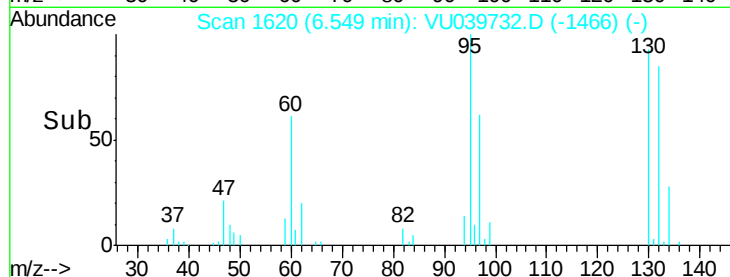
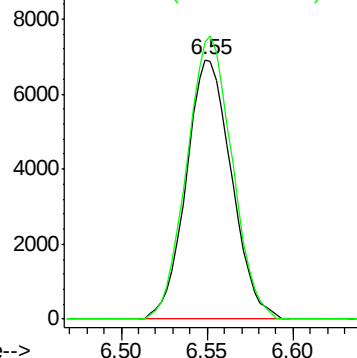
#37
 Trichloroethene
 Concen: 1.901 ug/l
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

Tgt Ion: 130 Resp: 12621
 Ion Ratio Lower Upper
 130 100
 95 107.0 84.3 126.5

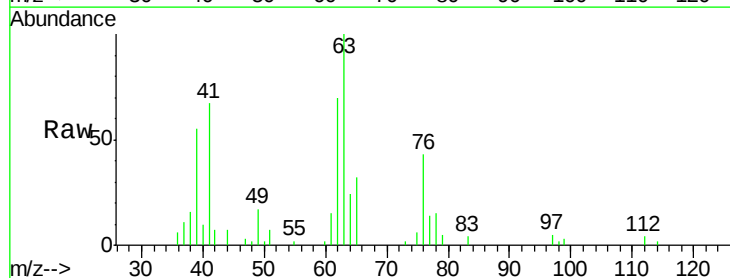


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

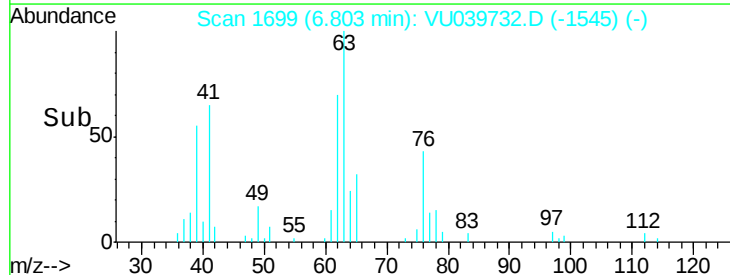
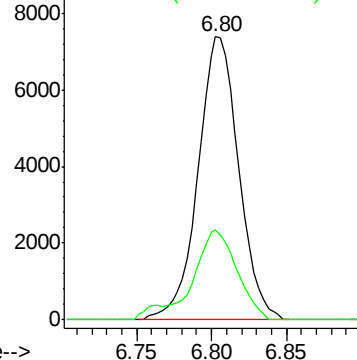


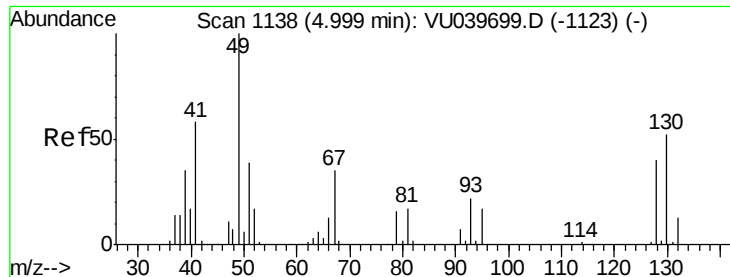
#38
 1,2-Dichloropropane
 Concen: 1.742 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 63 Resp: 13935
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

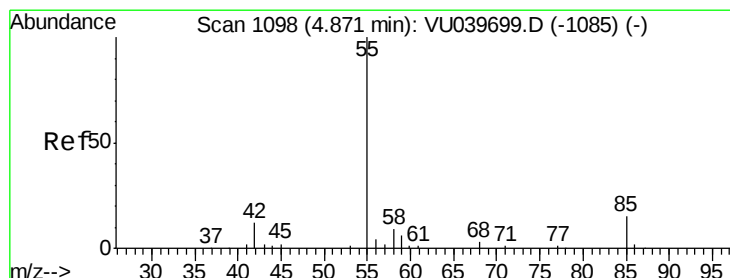
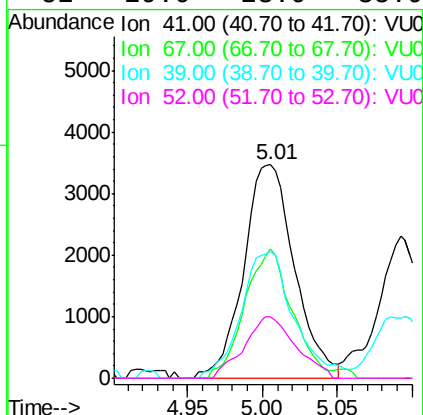
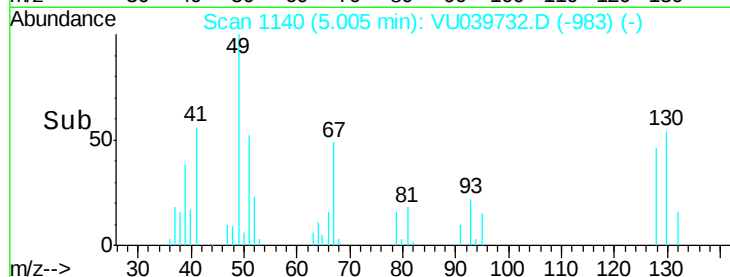
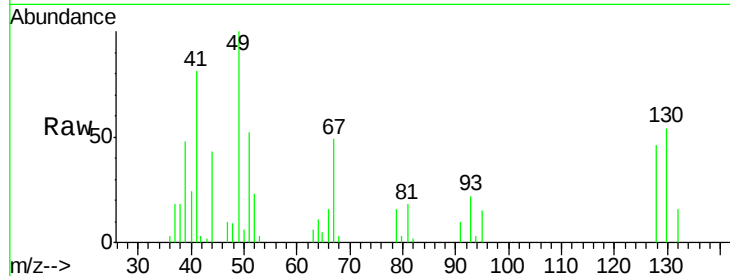




#39
Methacrylonitrile
Concen: 1.764 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

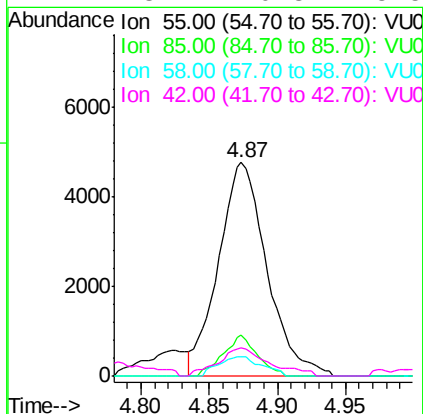
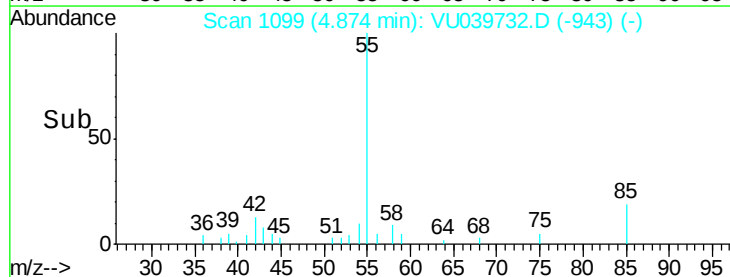
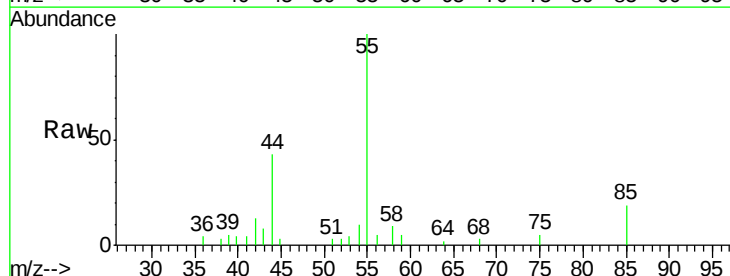
Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

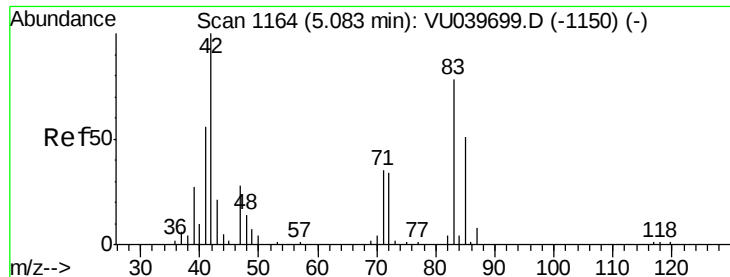
Tgt Ion:	41	Resp:	8208
Ion	Ratio	Lower	Upper
41	100		
67	56.1	48.3	72.5
39	61.5	47.6	71.4
52	29.0	23.9	35.9



#40
Methyl acrylate
Concen: 1.948 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:	55	Resp:	11689
Ion	Ratio	Lower	Upper
55	100		
85	13.5	11.4	17.0
58	8.2	7.4	11.0
42	13.7	10.3	15.5





#41

Tetrahydrofuran

Concen: 3.726 ug/l

RT: 5.10 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

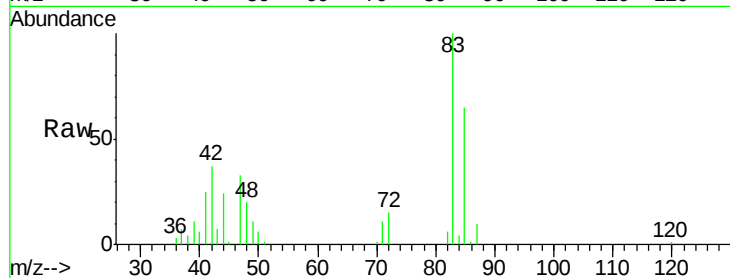
Tgt Ion: 42 Resp: 8720

Ion Ratio Lower Upper

42 100

72 35.7 31.0 46.6

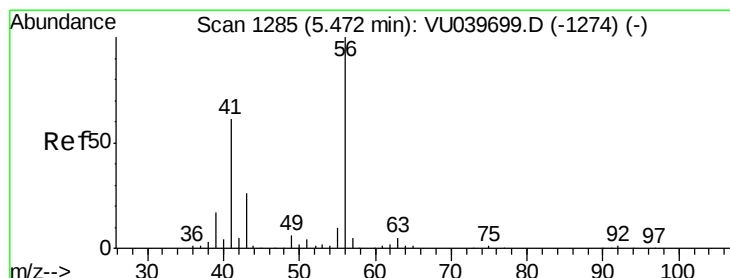
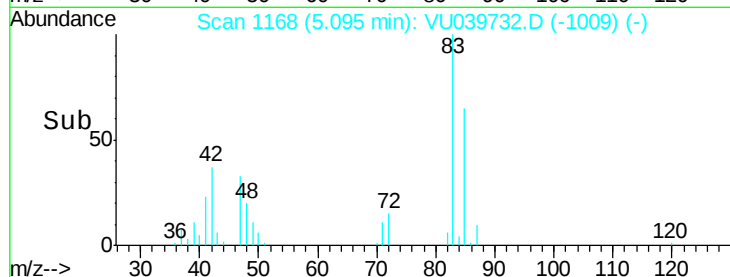
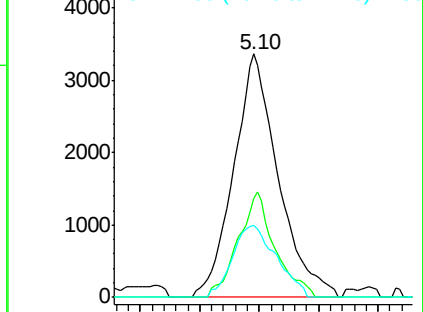
71 28.9 28.2 42.4



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: 1.721 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039732.D

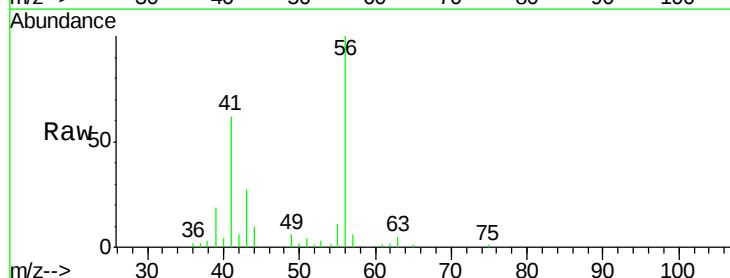
Acq: 31 Jul 2020 13:43

Tgt Ion: 56 Resp: 31689

Ion Ratio Lower Upper

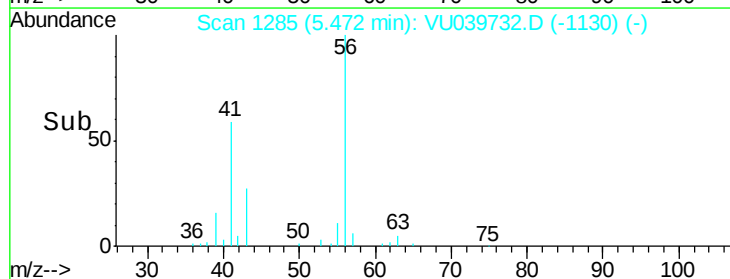
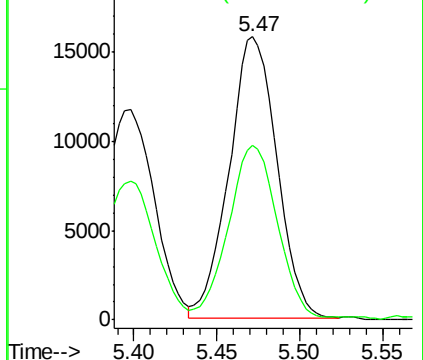
56 100

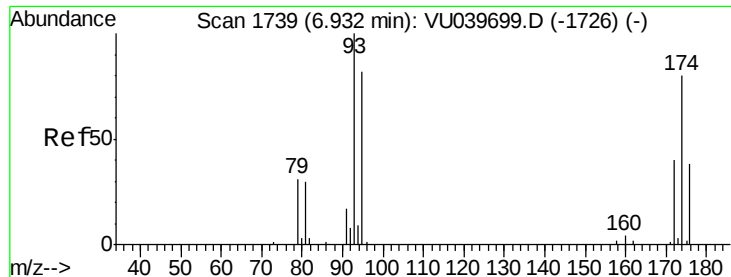
41 61.8 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

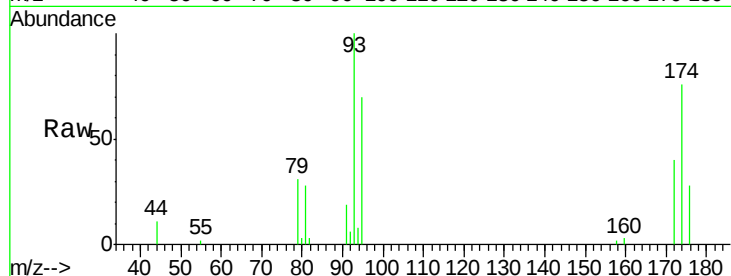




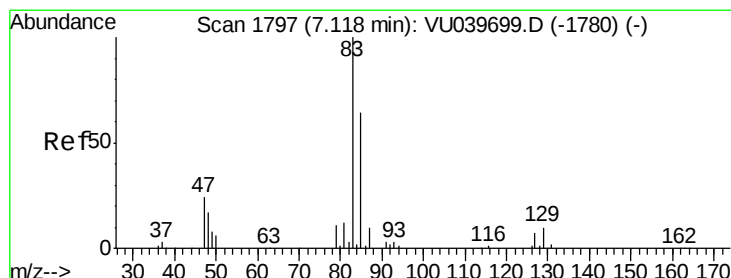
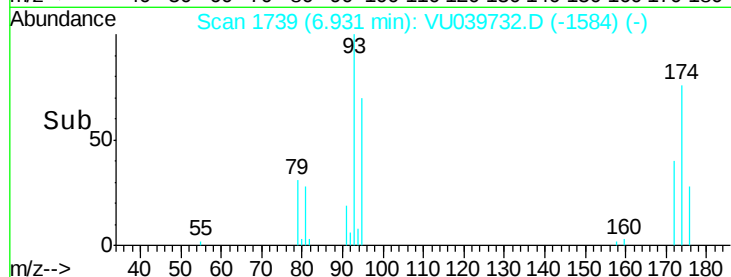
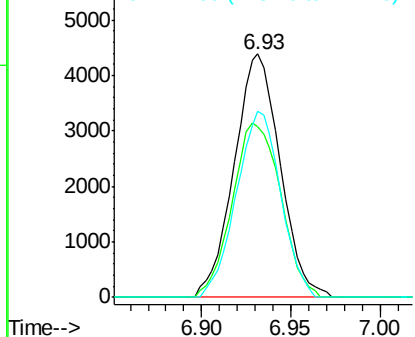
#43
Dibromomethane
Concen: 1.831 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

Tgt Ion: 93 Resp: 7880
Ion Ratio Lower Upper
93 100
95 75.5 66.6 99.8
174 73.6 62.7 94.1

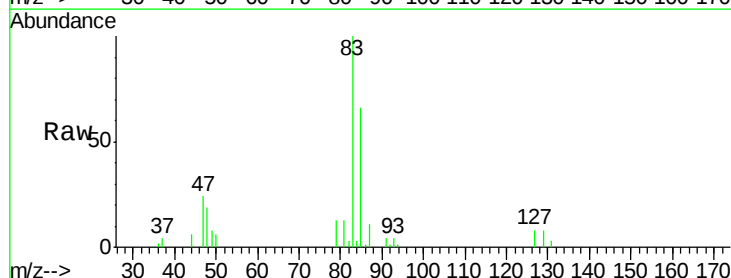


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

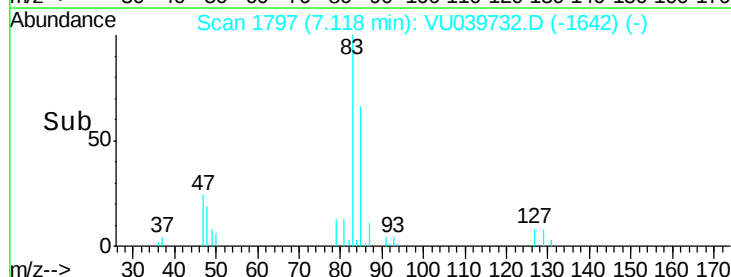
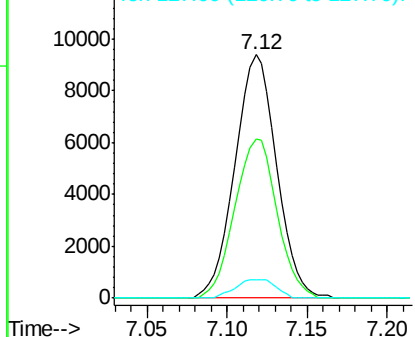


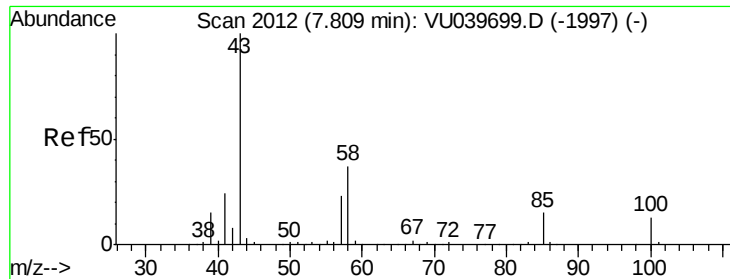
#44
Bromodichloromethane
Concen: 1.690 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 83 Resp: 16680
Ion Ratio Lower Upper
83 100
85 65.6 50.8 76.2
127 7.8 5.8 8.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V

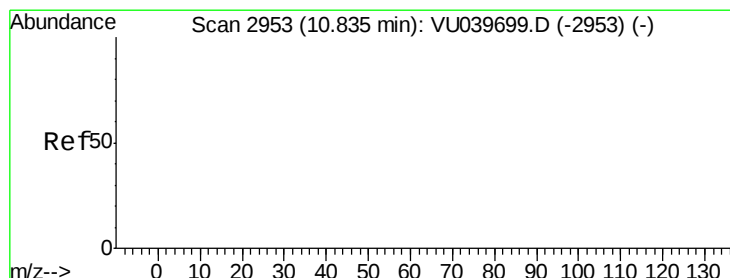
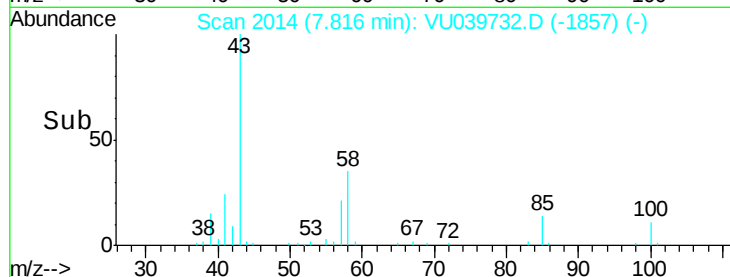
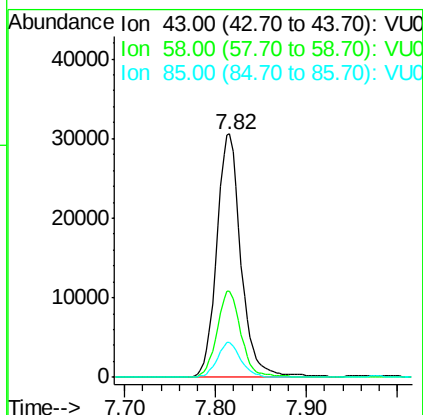
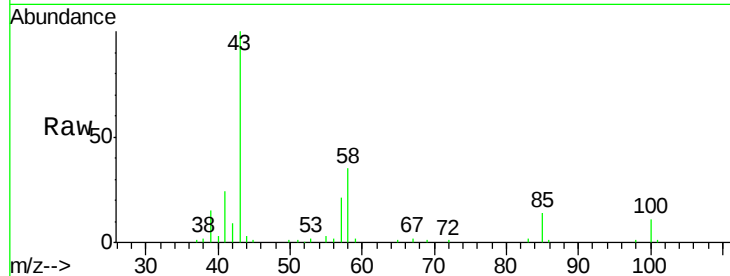




#45
4-Methyl-2-Pentanone
Concen: 8.697 ug/l
RT: 7.82 min Scan# 2014
Delta R.T. 0.01 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

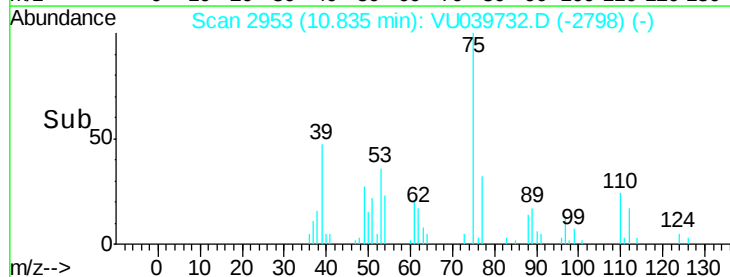
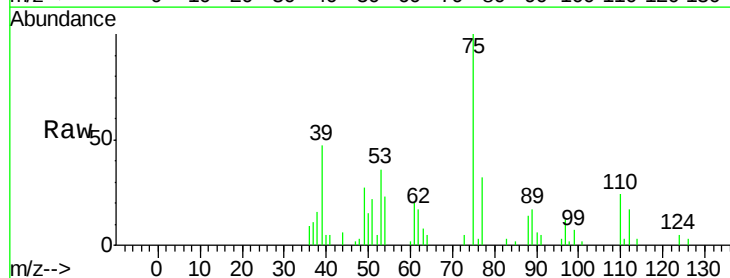
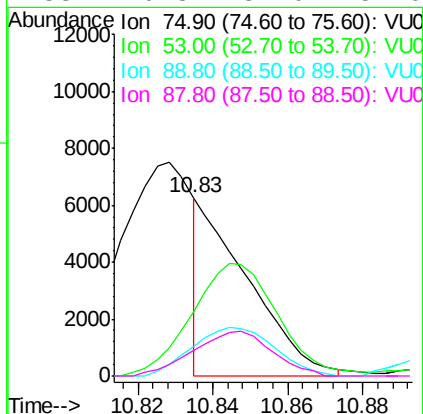
Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

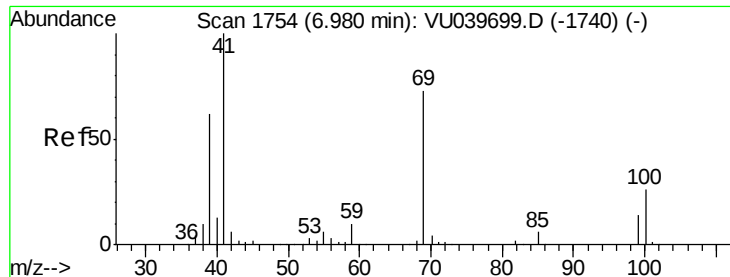
Tgt Ion: 43 Resp: 56694
Ion Ratio Lower Upper
43 100
58 35.0 18.4 55.0
85 13.8 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 2.910 ug/l m
RT: 10.83 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 75 Resp: 5643
Ion Ratio Lower Upper
75 100
53 111.9 78.6 118.0
89 46.6 40.3 60.5
88 40.8 34.0 51.0

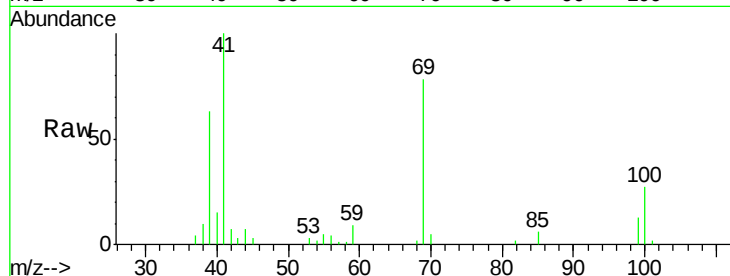




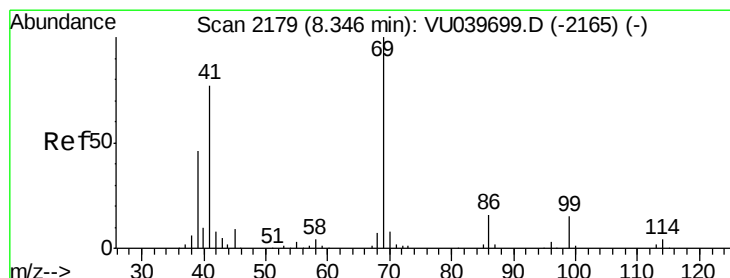
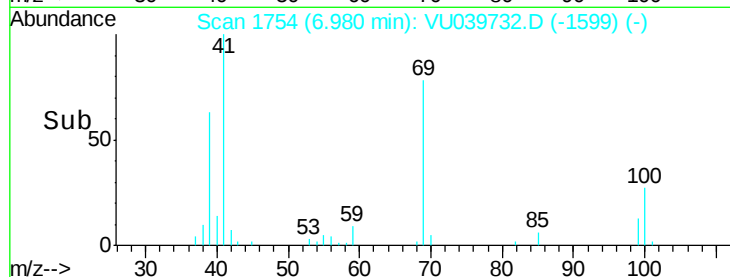
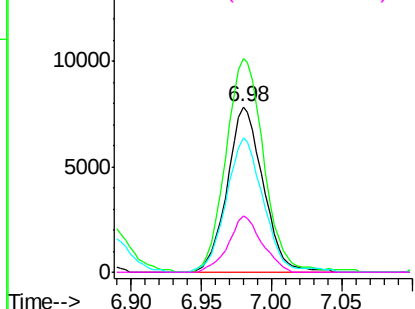
#47
Methyl methacrylate
Concen: 3.480 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

Tgt Ion: 69 Resp: 13968
Ion Ratio Lower Upper
69 100
41 136.0 0.0 271.6
39 83.3 67.4 101.2
100 31.7 28.3 42.5

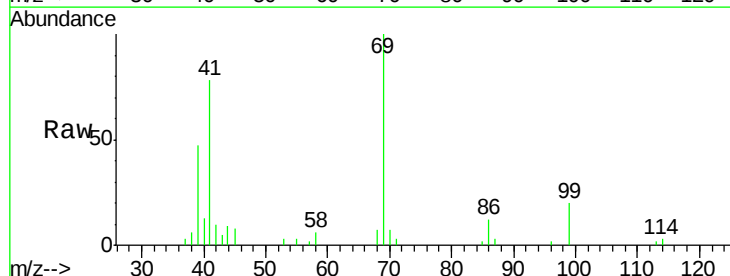


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

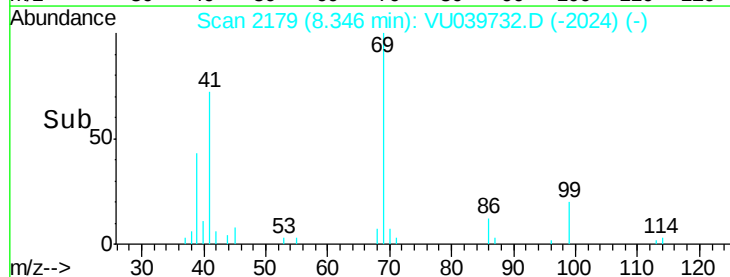
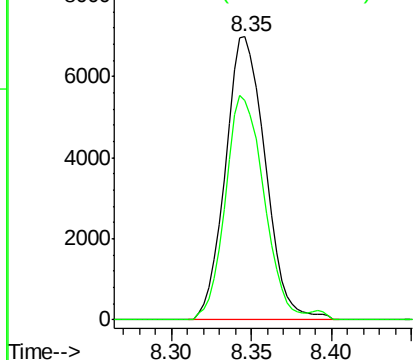


#48
Ethyl methacrylate
Concen: 1.611 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 69 Resp: 11904
Ion Ratio Lower Upper
69 100
41 76.3 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.613 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

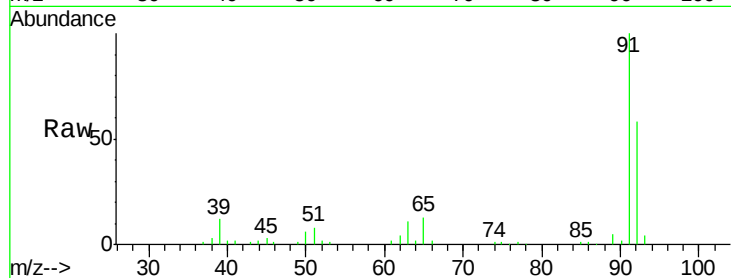
VU0731WBS01

Tgt Ion: 92 Resp: 27858

Ion Ratio Lower Upper

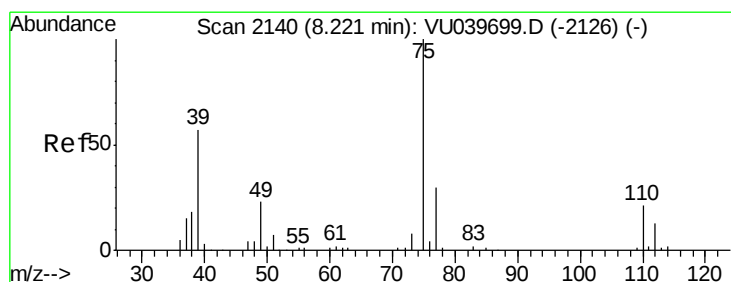
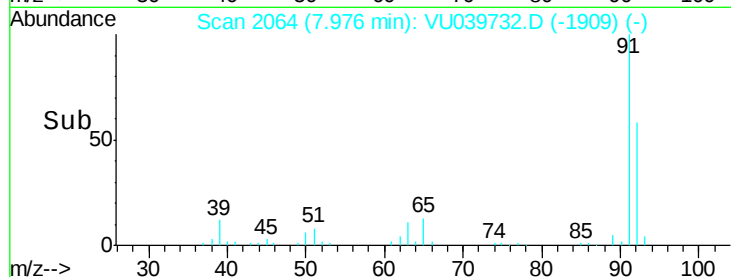
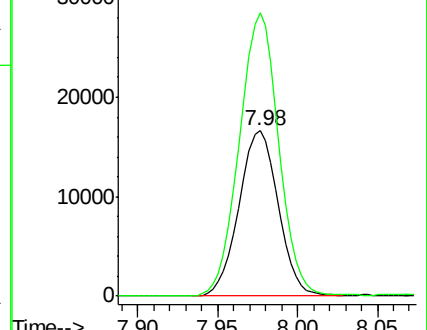
92 100

91 170.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 1.549 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039732.D

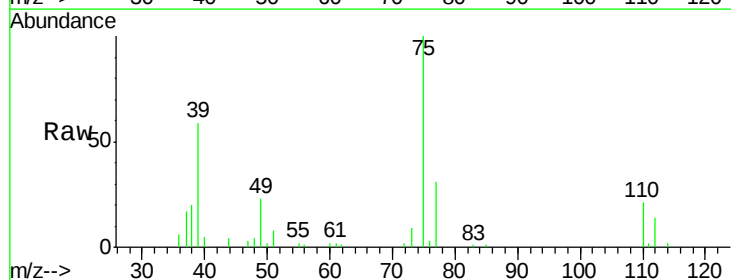
Acq: 31 Jul 2020 13:43

Tgt Ion: 75 Resp: 13768

Ion Ratio Lower Upper

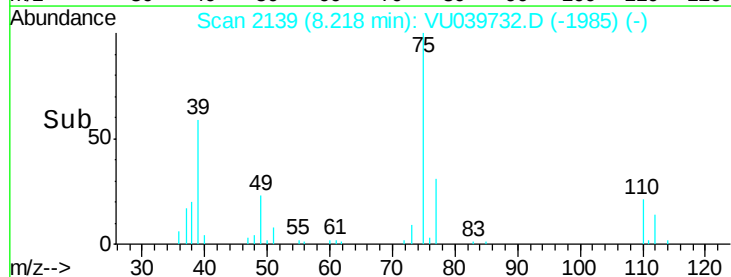
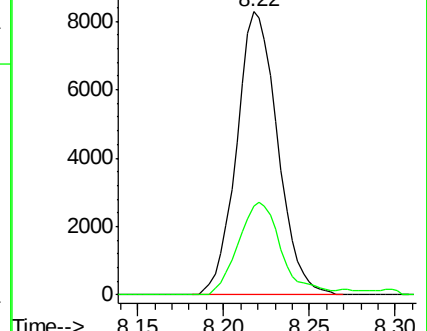
75 100

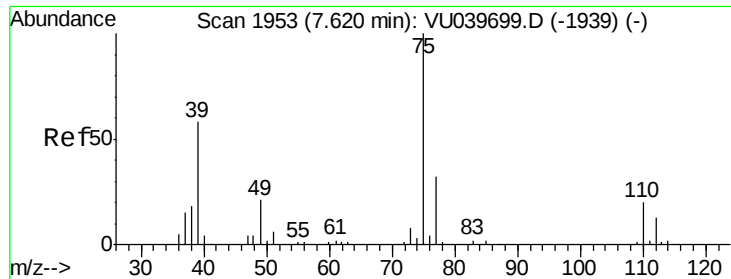
77 31.2 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)

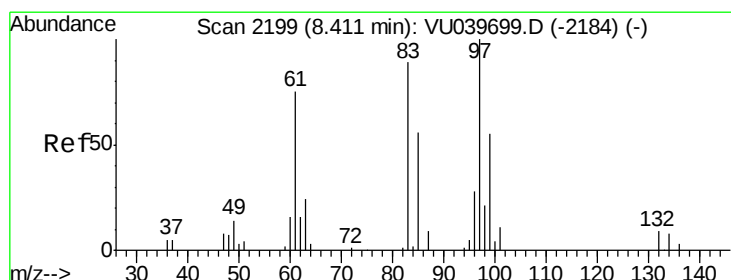
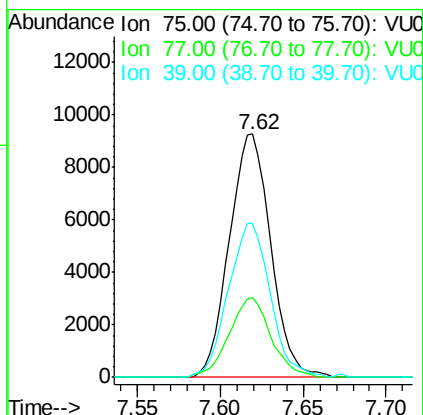
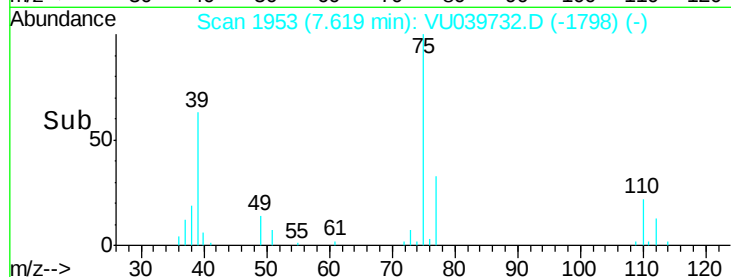
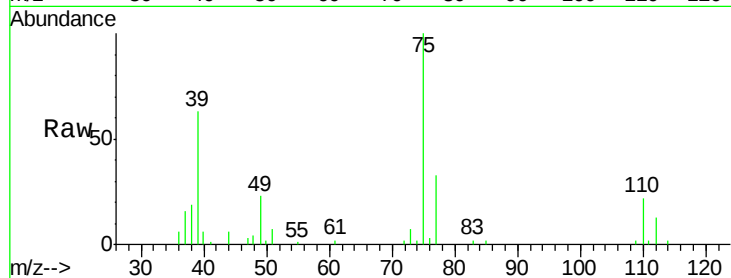




#51
 cis-1,3-Dichloropropene
 Concen: 1.543 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

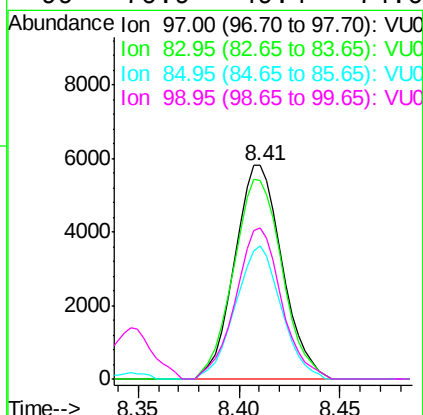
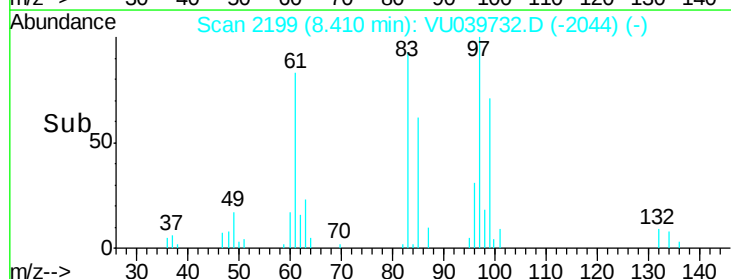
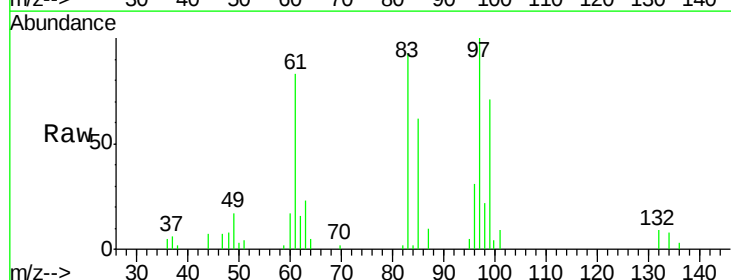
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

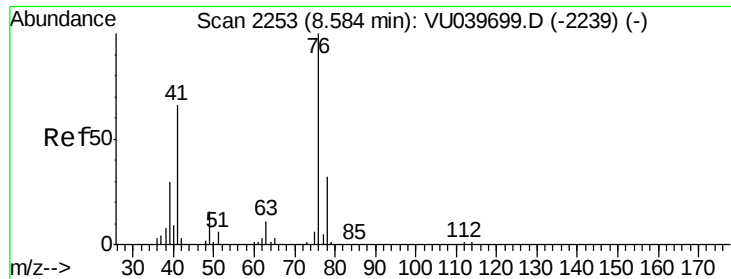
Tgt Ion: 75 Resp: 16122
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5
 39 63.5 46.1 69.1



#52
 1,1,2-Trichloroethane
 Concen: 1.714 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 97 Resp: 9584
 Ion Ratio Lower Upper
 97 100
 83 92.6 71.3 106.9
 85 62.4 45.4 68.2
 99 70.9 49.4 74.0

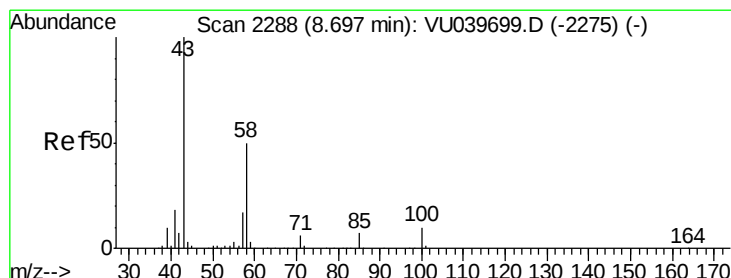
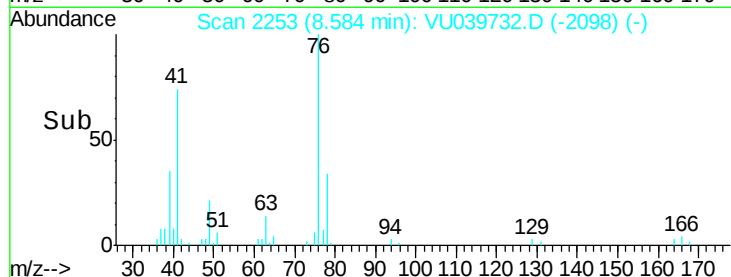
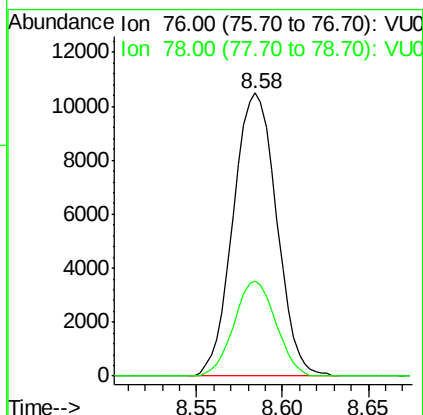
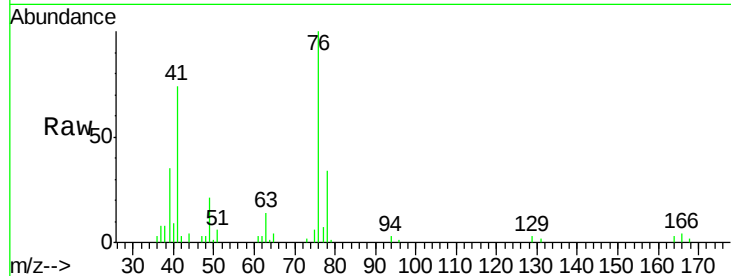




#53
 1,3-Dichloropropane
 Concen: 1.713 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

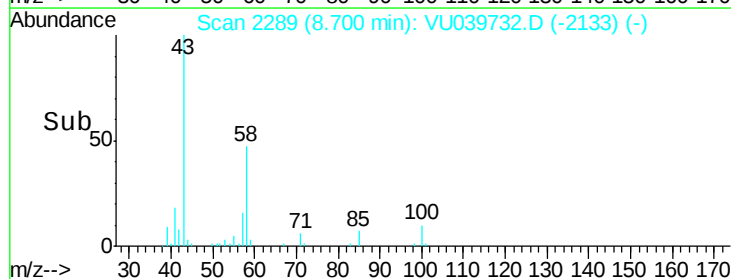
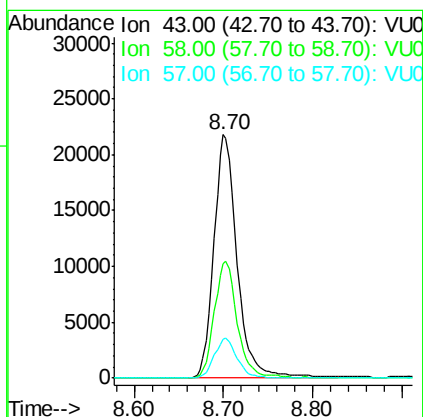
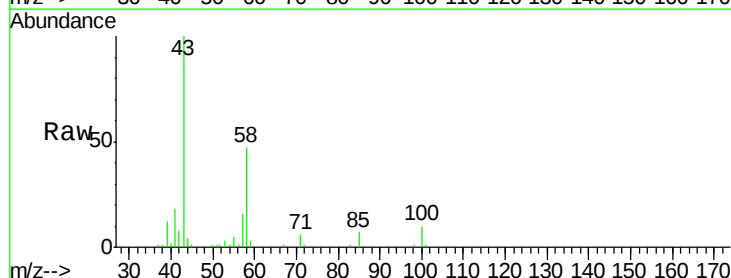
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

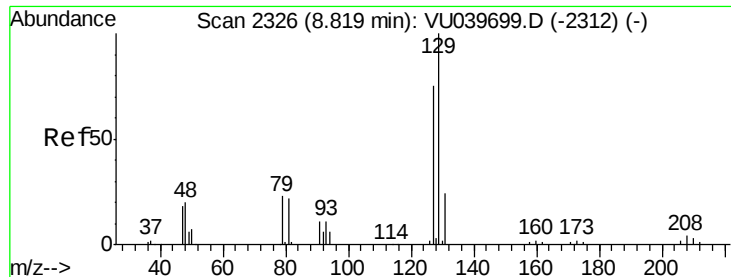
Tgt Ion: 76 Resp: 18393
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.2



#54
 2-Hexanone
 Concen: 8.460 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 43 Resp: 39488
 Ion Ratio Lower Upper
 43 100
 58 47.2 29.9 69.9
 57 15.8 0.0 37.2

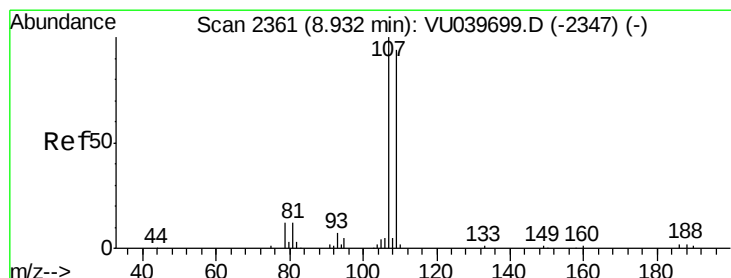
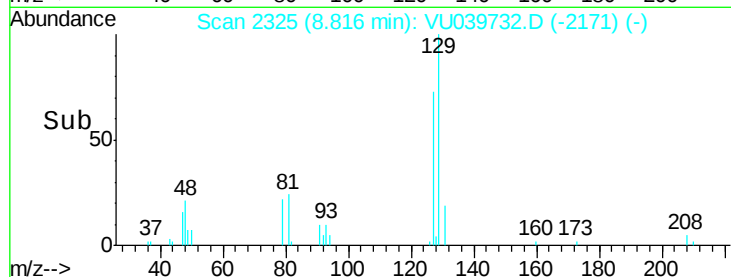
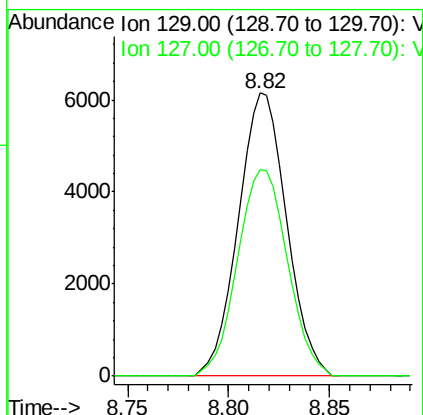
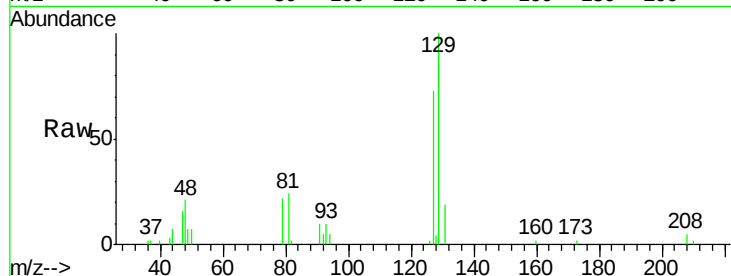




#55
 Dibromochloromethane
 Concen: 1.715 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

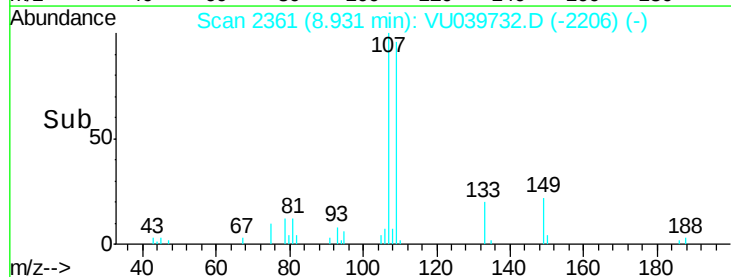
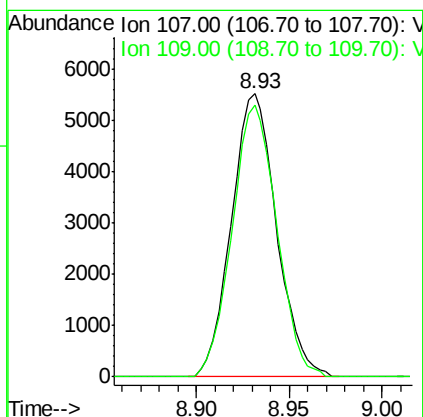
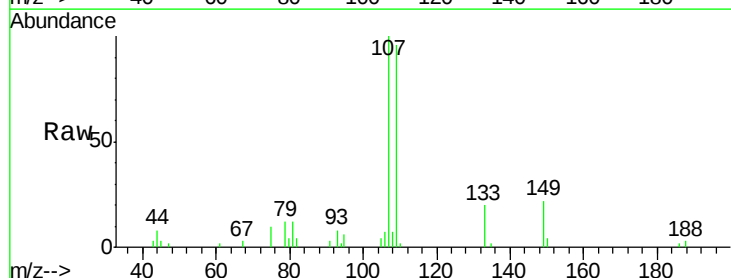
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

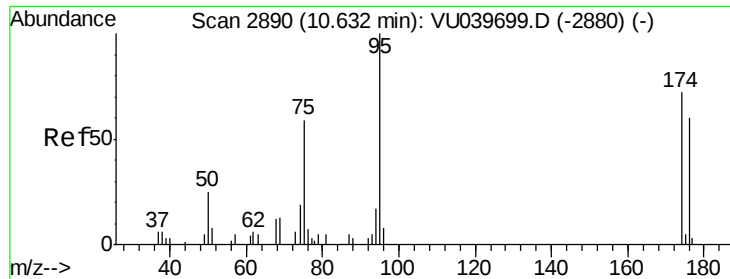
Tgt Ion:129 Resp: 10299
 Ion Ratio Lower Upper
 129 100
 127 75.7 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.735 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion:107 Resp: 9346
 Ion Ratio Lower Upper
 107 100
 109 94.7 0.0 185.2

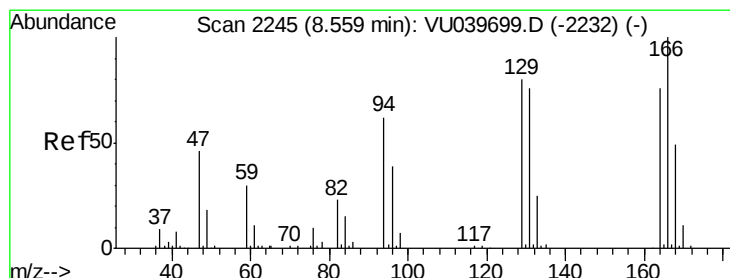
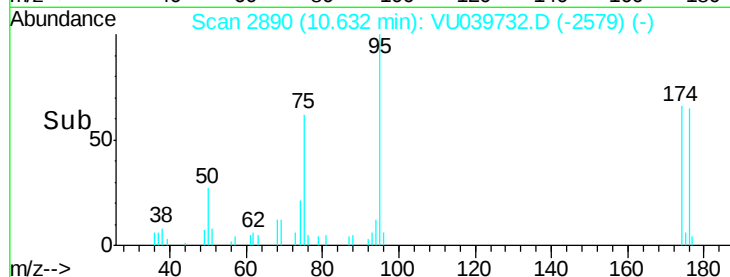
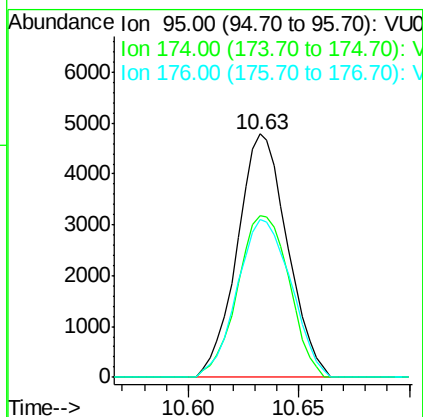
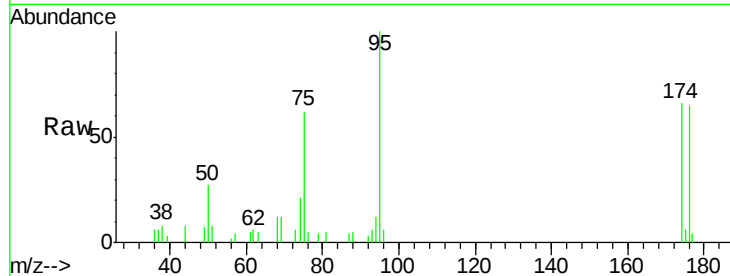




#57
 4-Bromofluorobenzene
 Concen: 0.832 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

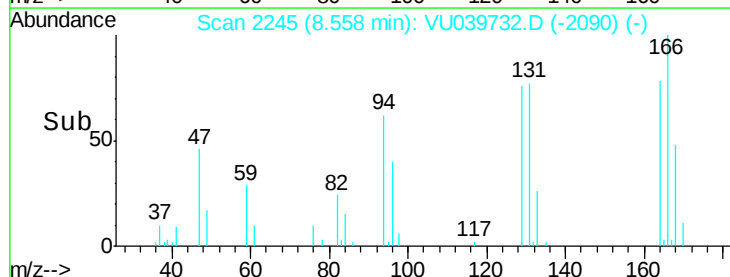
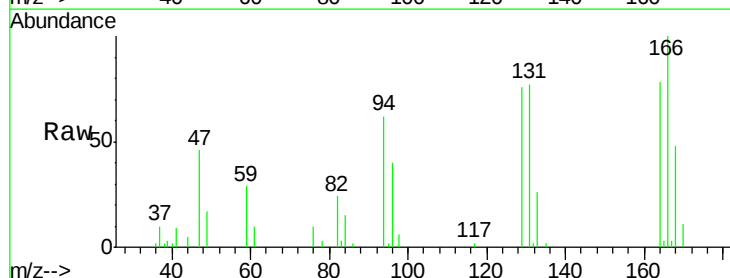
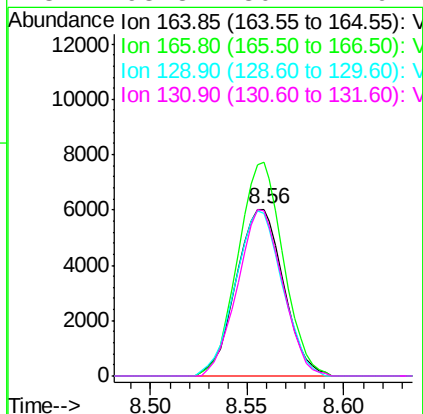
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

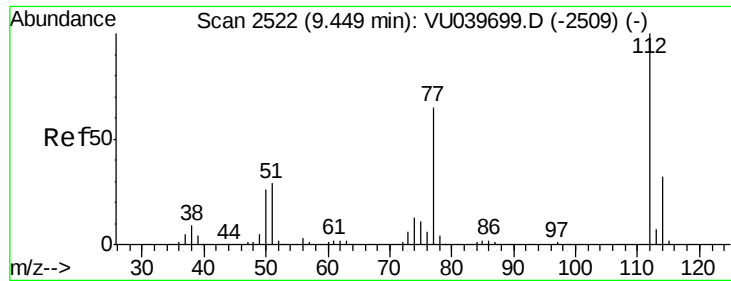
Tgt Ion: 95 Resp: 7544
 Ion Ratio Lower Upper
 95 100
 174 68.3 57.0 85.4
 176 69.3 50.2 75.2



#58
 Tetrachloroethene
 Concen: 1.767 ug/l
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 164 Resp: 10267
 Ion Ratio Lower Upper
 164 100
 166 127.9 104.8 157.2
 129 97.7 84.1 126.1
 131 98.8 80.1 120.1





#59

Chlorobenzene

Concen: 1.647 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

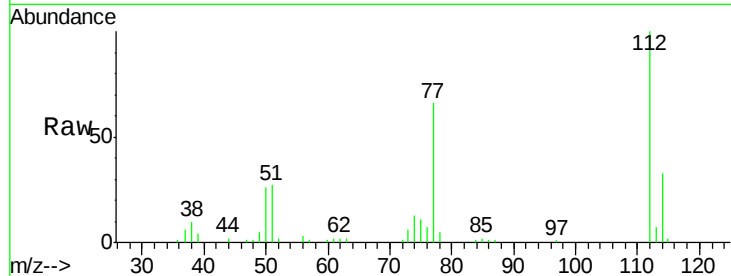
VU0731WBS01

Tgt Ion:112 Resp: 29408

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.45

15000

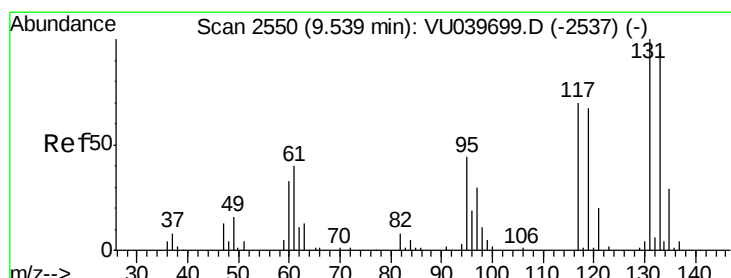
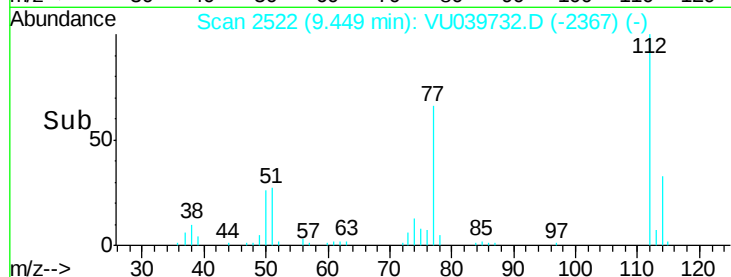
10000

5000

0

9.40 9.45 9.50

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 1.658 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

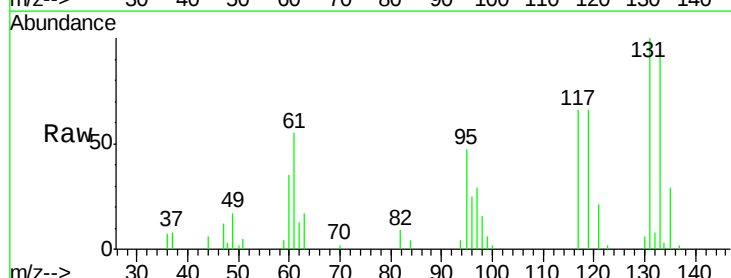
Tgt Ion:131 Resp: 9983

Ion Ratio Lower Upper

131 100

133 95.1 75.8 113.8

119 66.9 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

8000

6000

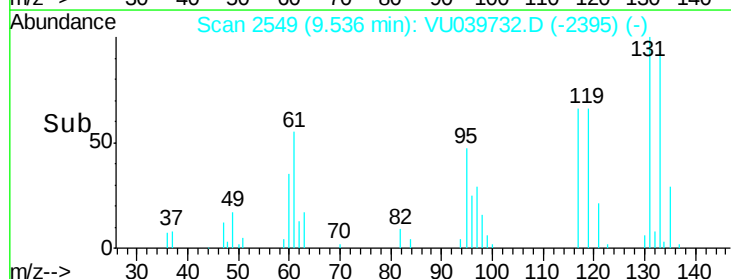
4000

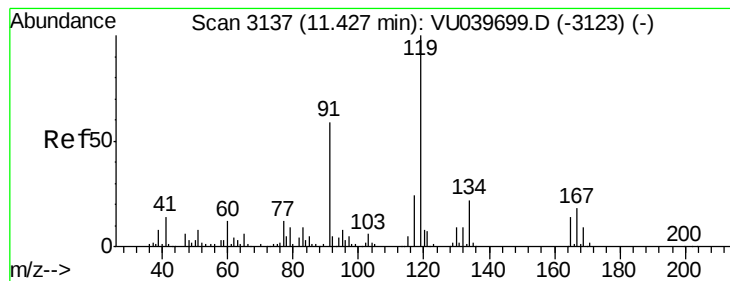
2000

0

9.50 9.54 9.60

Time-->





#61

Pentachloroethane

Concen: 1.618 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

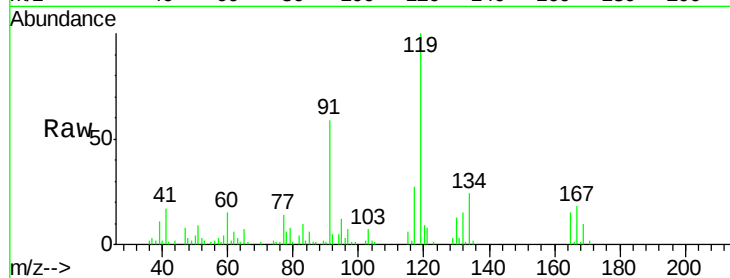
VU0731WBS01

Tgt Ion:117 Resp: 8562

Ion Ratio Lower Upper

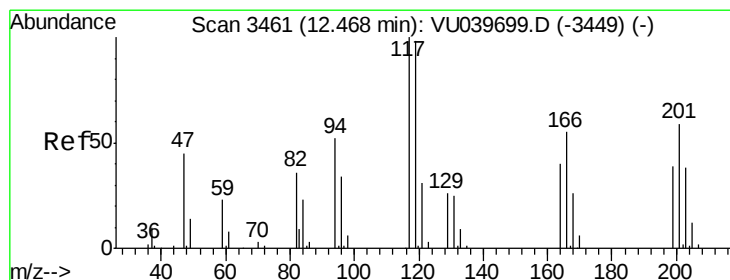
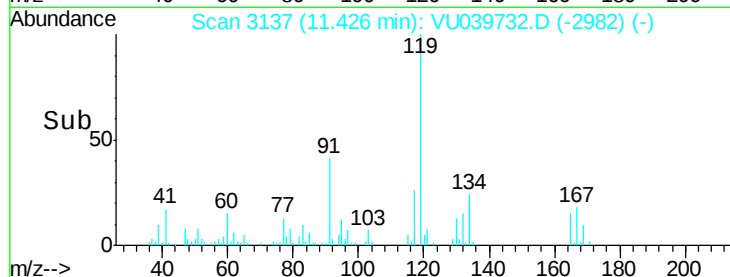
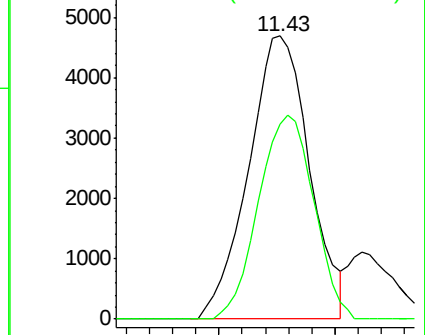
117 100

167 65.5 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: 1.588 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU039732.D

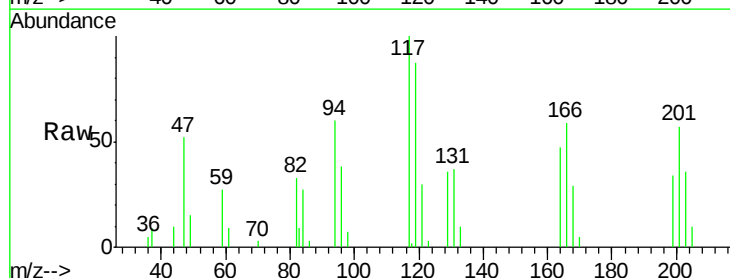
Acq: 31 Jul 2020 13:43

Tgt Ion:117 Resp: 7699

Ion Ratio Lower Upper

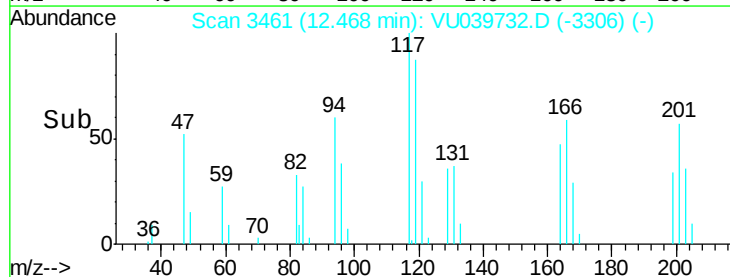
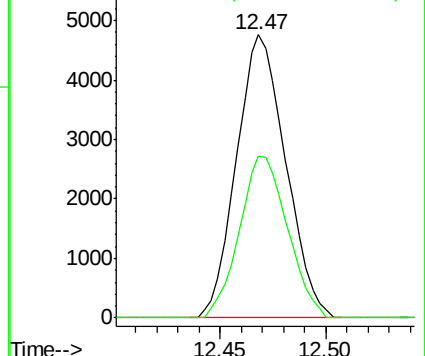
117 100

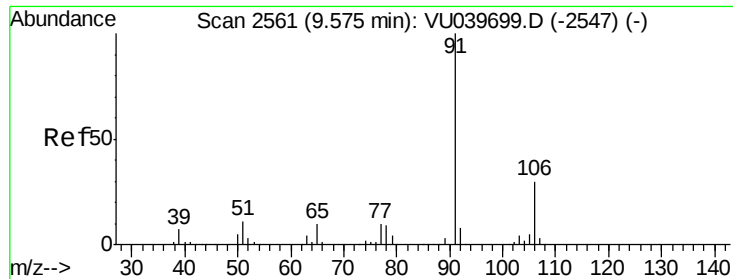
201 55.7 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

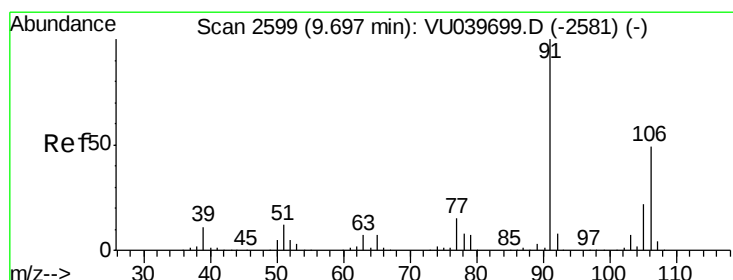
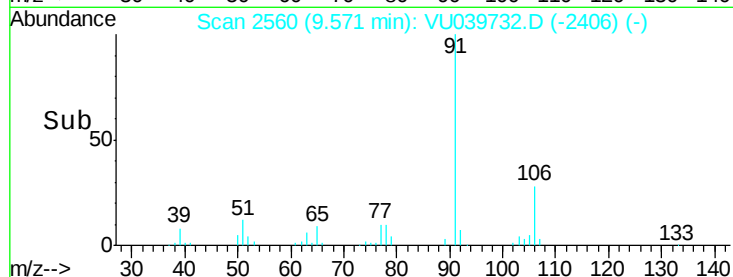
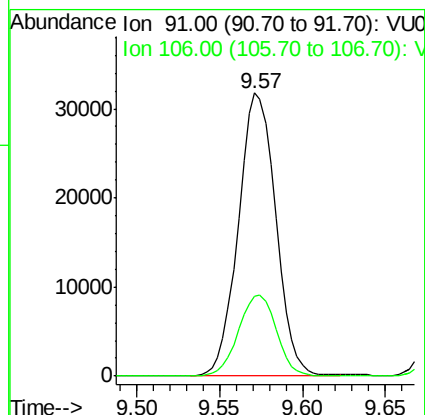
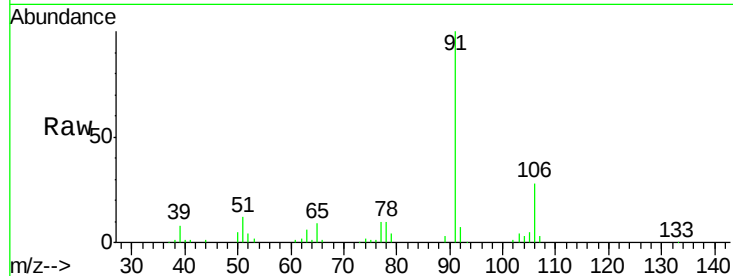




#63
Ethyl Benzene
Concen: 1.565 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

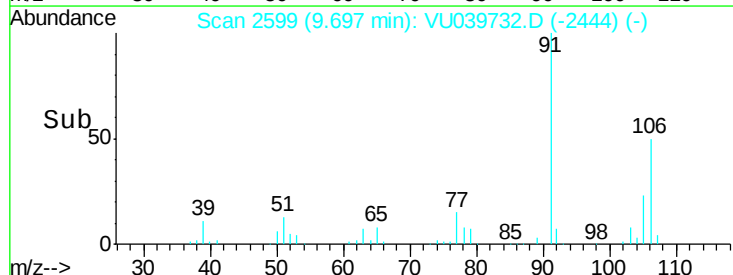
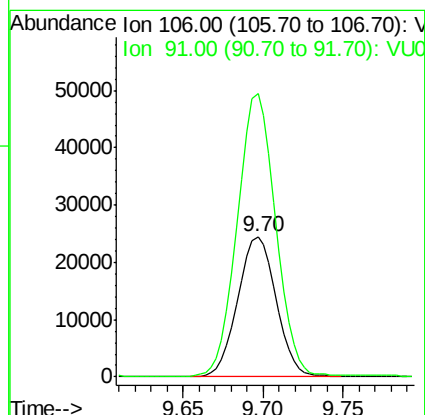
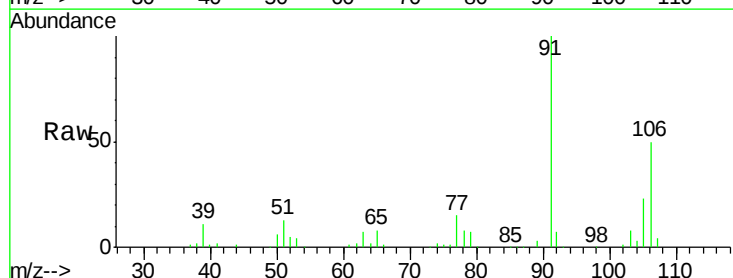
Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

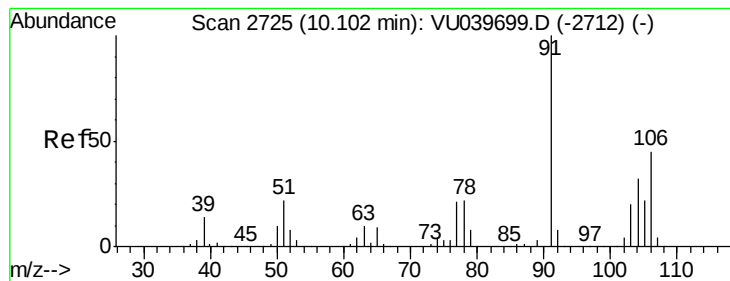
Tgt Ion: 91 Resp: 50092
Ion Ratio Lower Upper
91 100
106 28.2 24.2 36.4



#64
m/p-Xylenes
Concen: 3.205 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 106 Resp: 40080
Ion Ratio Lower Upper
106 100
91 201.8 163.9 245.9





#65

o-Xylene

Concen: 1.592 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

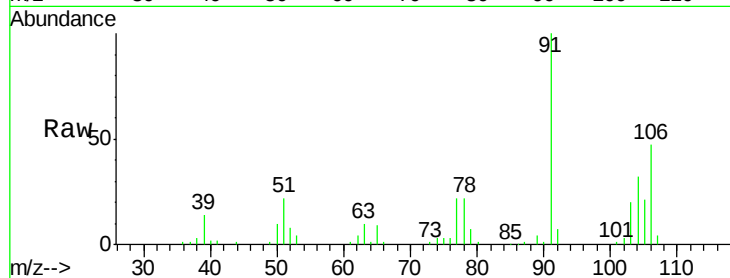
VU0731WBS01

Tgt Ion:106 Resp: 18904

Ion Ratio Lower Upper

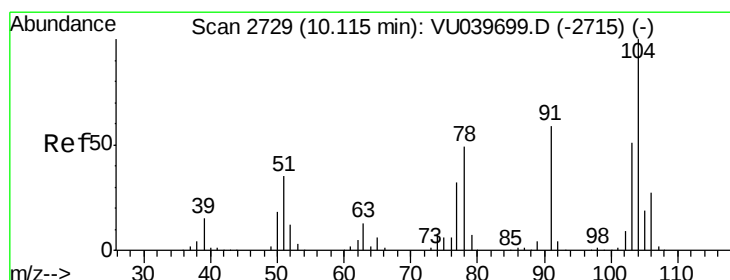
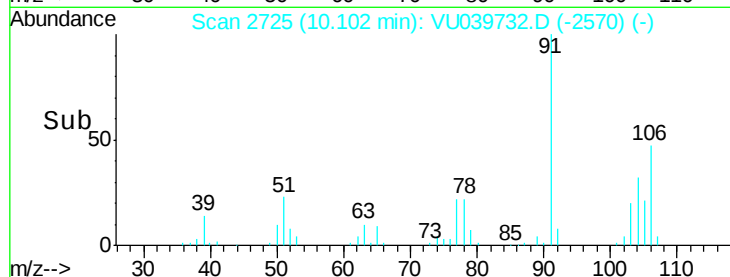
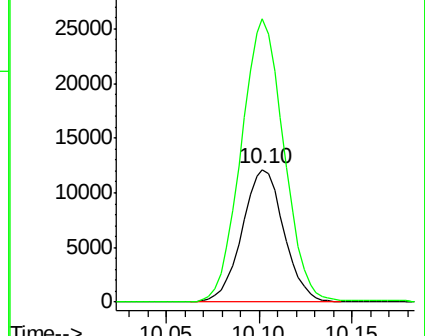
106 100

91 218.9 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.597 ug/l

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

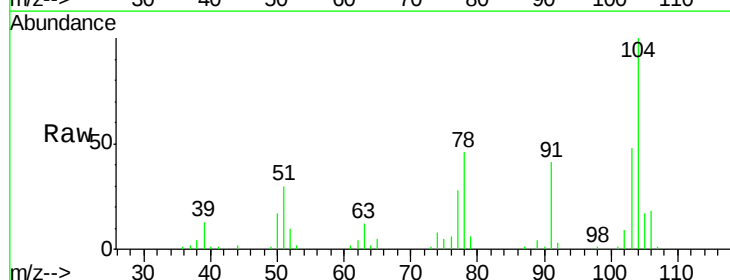
Tgt Ion:104 Resp: 32500

Ion Ratio Lower Upper

104 100

78 52.8 42.2 63.4

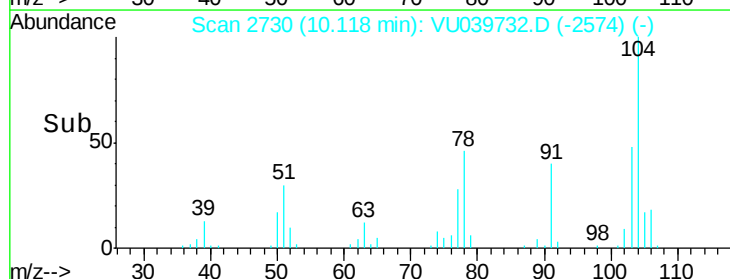
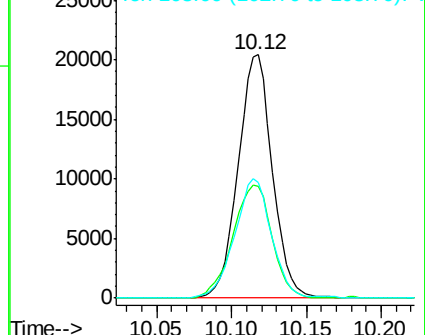
103 52.8 43.4 65.2

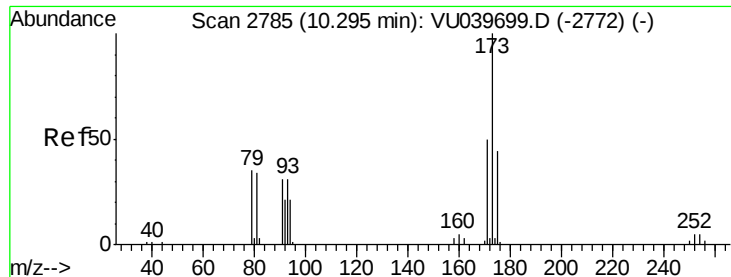


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

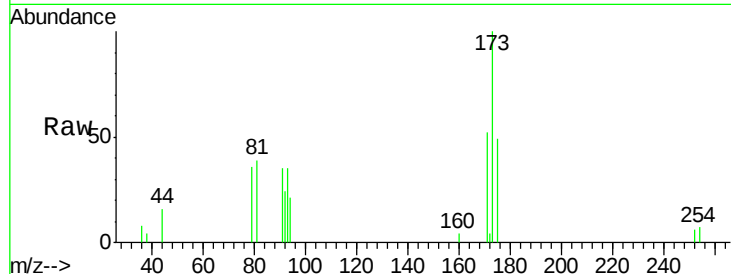




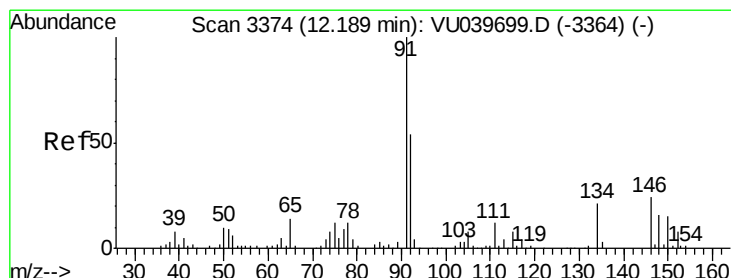
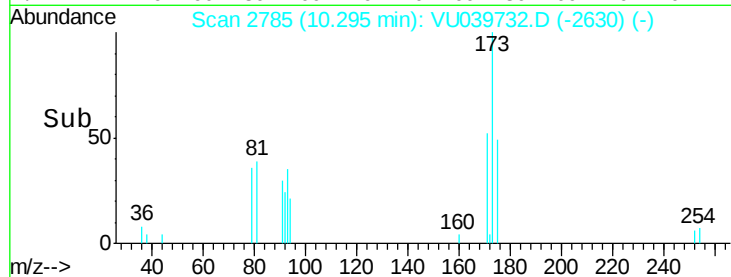
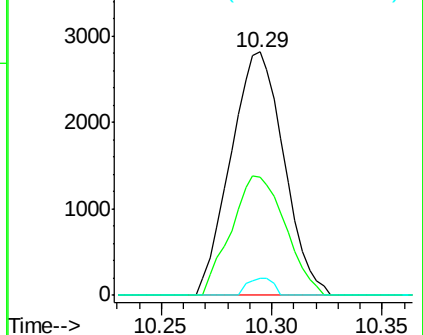
#67
Bromoform
Concen: 1.541 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

Tgt Ion:173 Resp: 4719
Ion Ratio Lower Upper
173 100
175 49.9 36.7 55.1
254 3.4 3.8 5.8#

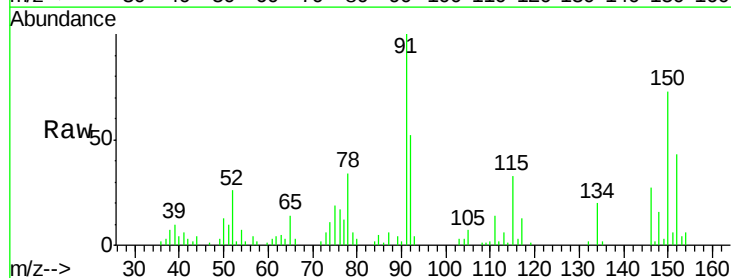


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

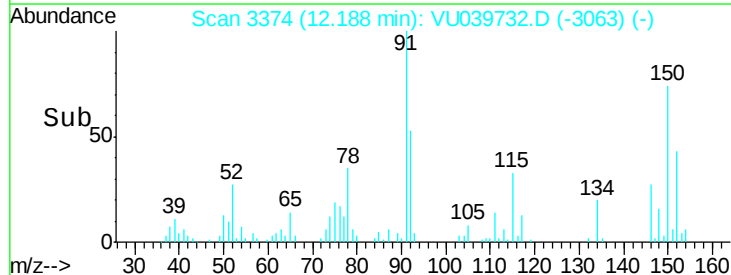
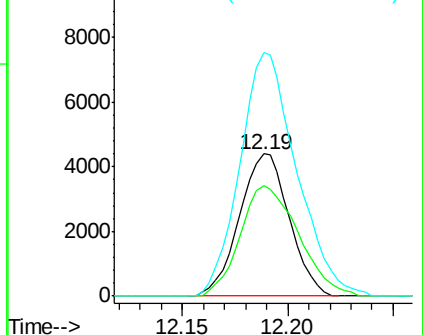


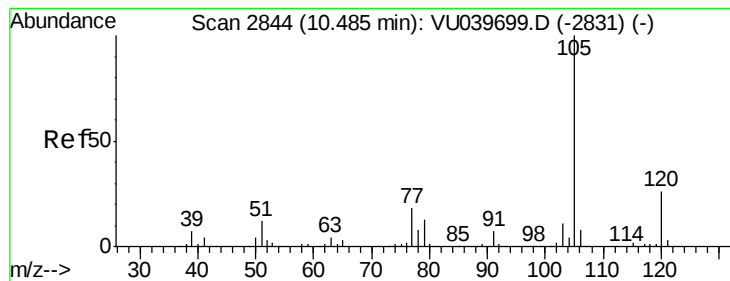
#68
1,2-Dichlorobenzene-d4
Concen: 0.812 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:152 Resp: 7199
Ion Ratio Lower Upper
152 100
115 90.8 0.0 302.4
150 195.2 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: 1.574 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

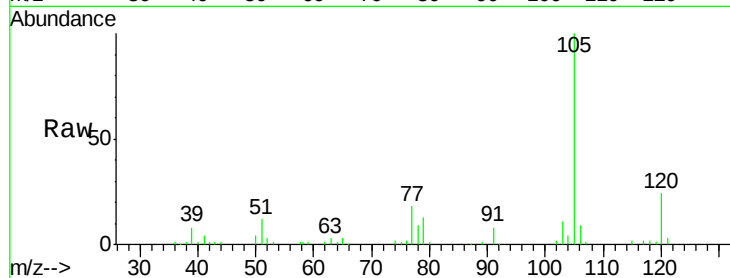
VU0731WBS01

Tgt Ion: 105 Resp: 49912

Ion Ratio Lower Upper

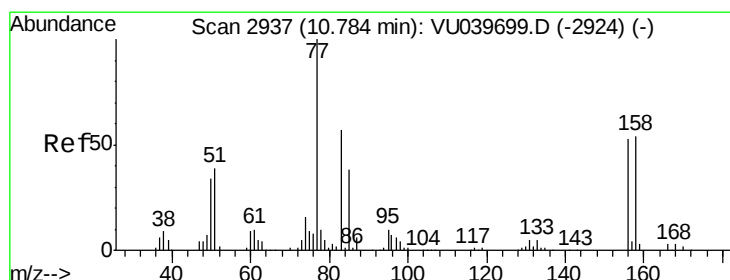
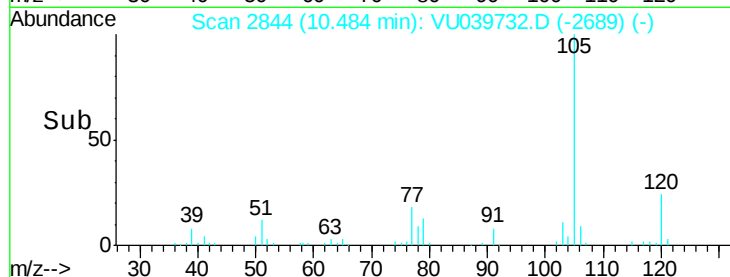
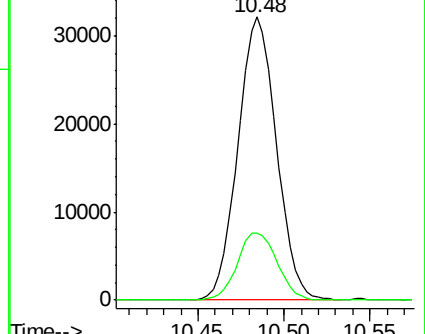
105 100

120 24.7 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: 1.763 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

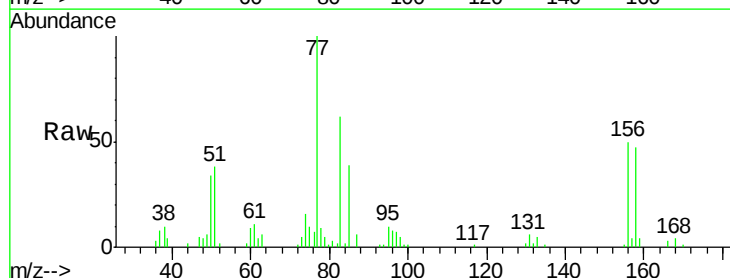
Tgt Ion: 83 Resp: 14188

Ion Ratio Lower Upper

83 100

131 8.5 7.0 10.6

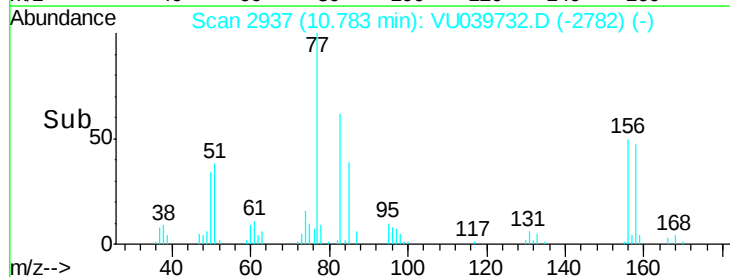
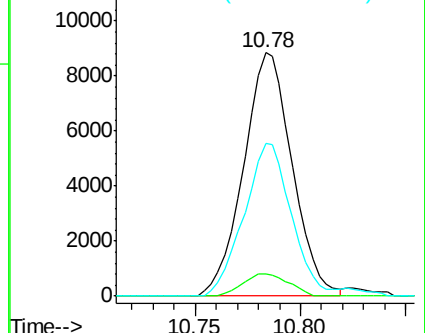
85 60.7 50.6 75.8

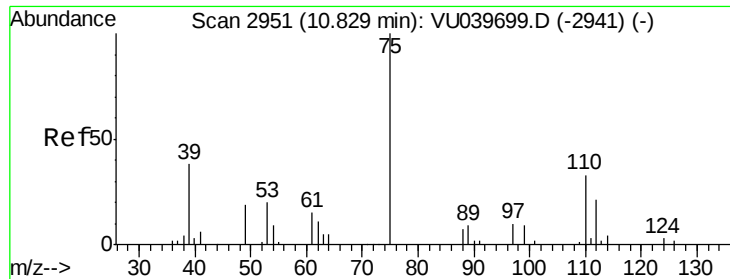


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

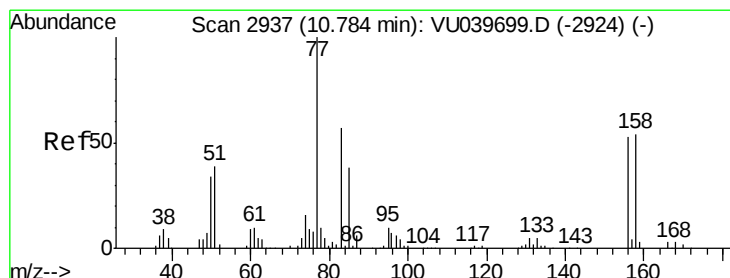
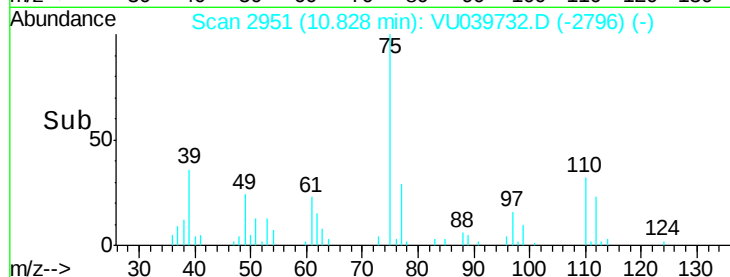
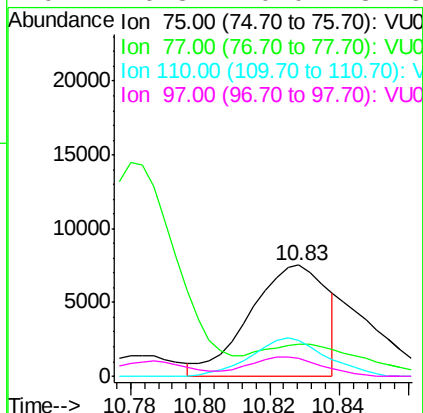
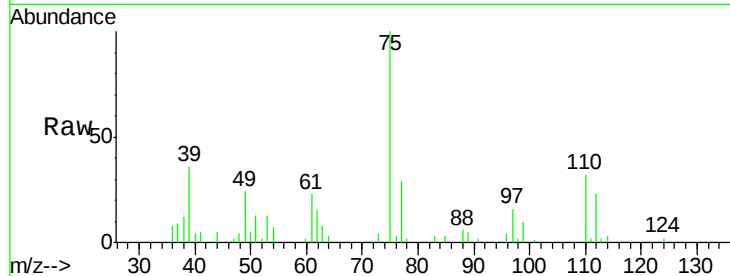




#71
1,2,3-Trichloropropane
Concen: 1.915 ug/l m
RT: 10.83 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

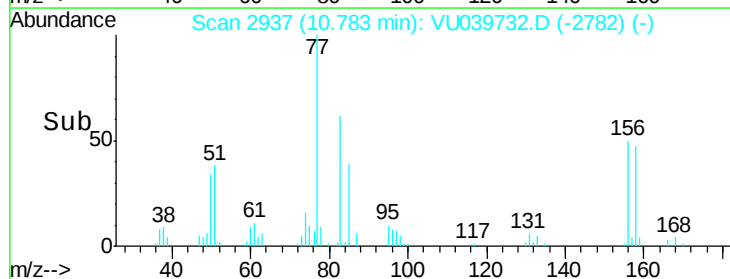
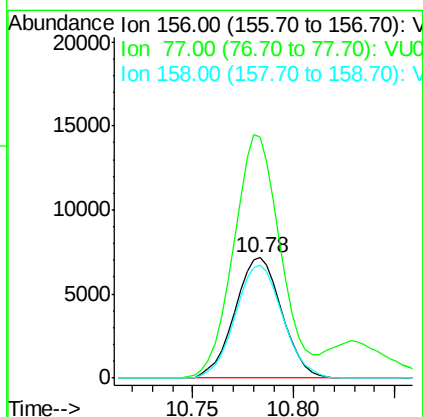
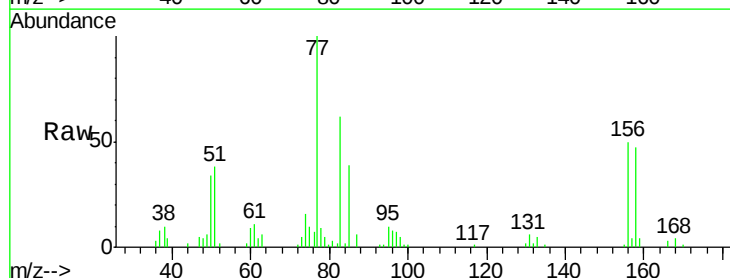
Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

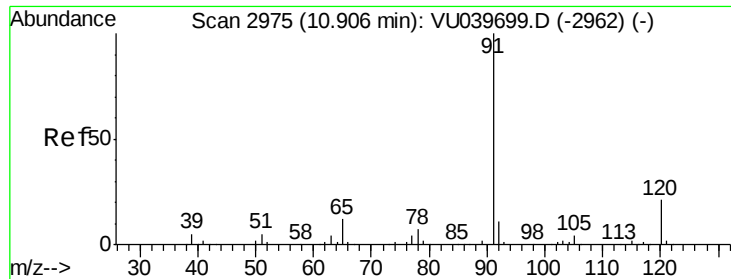
Tgt Ion:	75	Resp:	11610
Ion	Ratio	Lower	Upper
75	100		
77	39.1	0.0	91.0
110	33.2	0.0	64.2
97	16.3	0.0	32.6



#72
Bromobenzene
Concen: 1.628 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:	156	Resp:	11727
Ion	Ratio	Lower	Upper
156	100		
77	199.4	0.0	385.2
158	94.0	0.0	200.8





#73

n-propylbenzene

Concen: 1.489 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

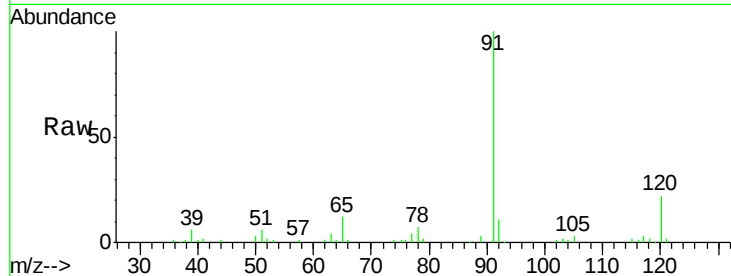
VU0731WBS01

Tgt Ion:120 Resp: 13274

Ion Ratio Lower Upper

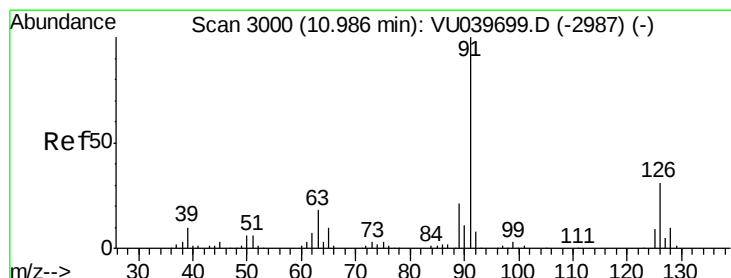
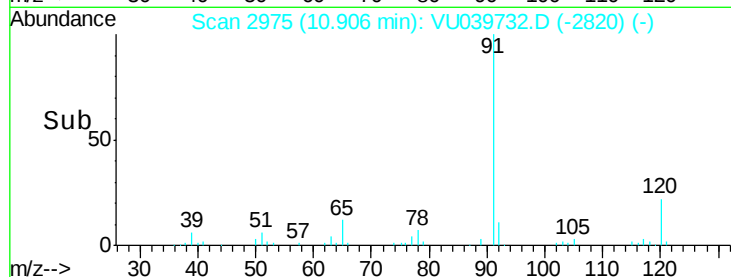
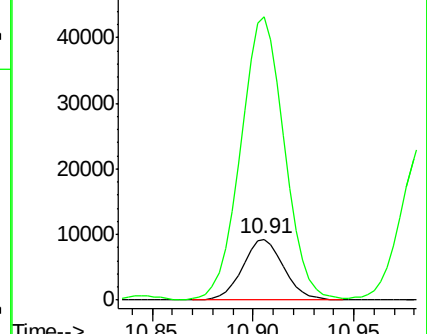
120 100

91 489.9 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.626 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039732.D

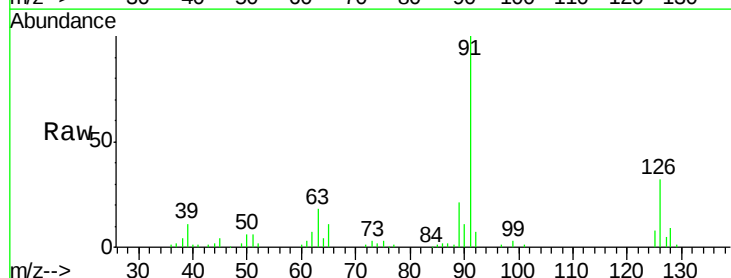
Acq: 31 Jul 2020 13:43

Tgt Ion:126 Resp: 12245

Ion Ratio Lower Upper

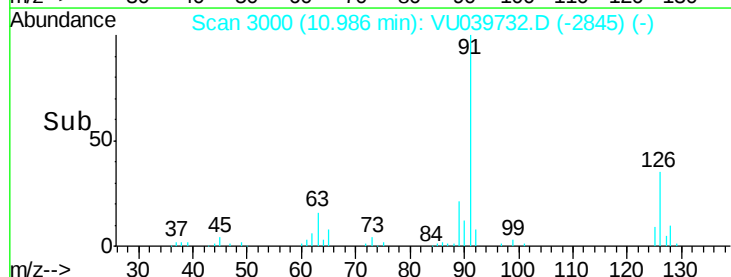
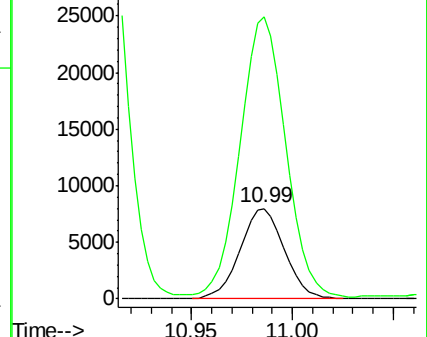
126 100

91 319.1 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: 1.582 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

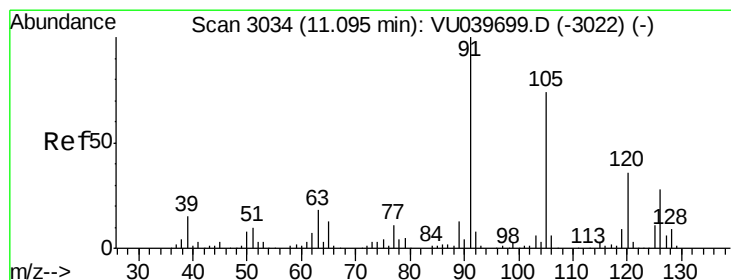
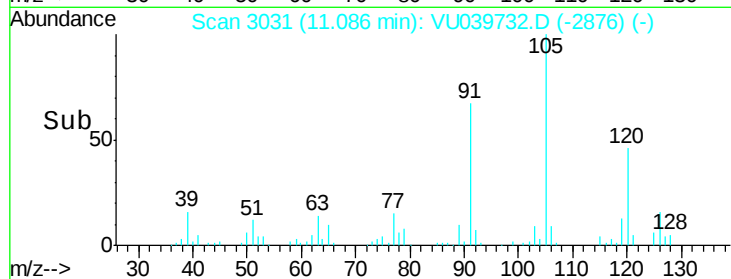
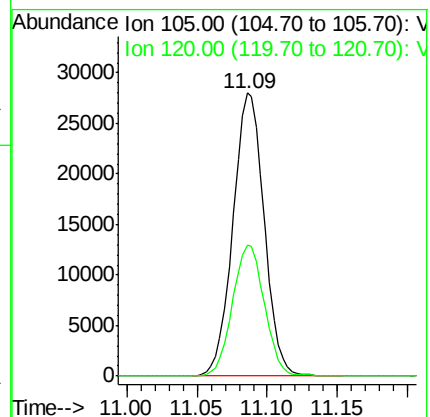
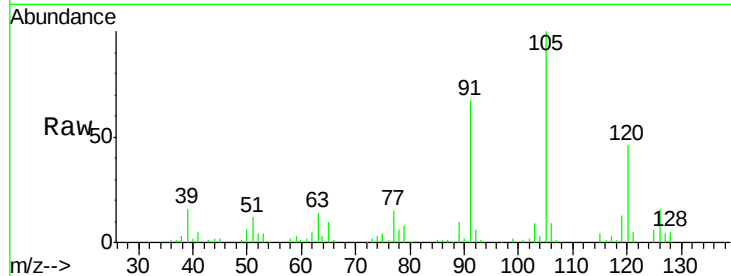
VU0731WBS01

Tgt Ion:105 Resp: 43361

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0



#76

4-Chlorotoluene

Concen: 1.697 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039732.D

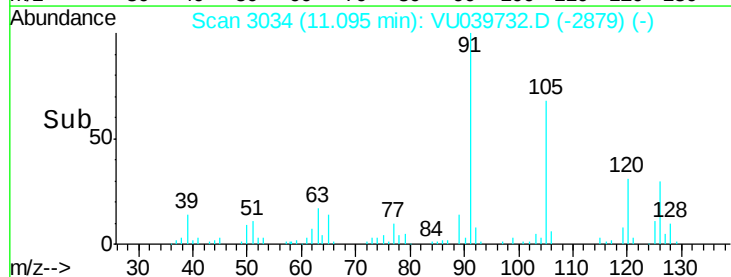
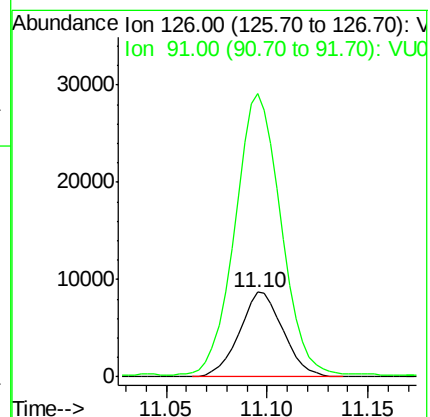
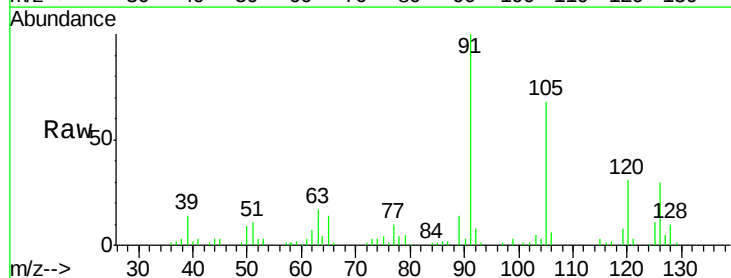
Acq: 31 Jul 2020 13:43

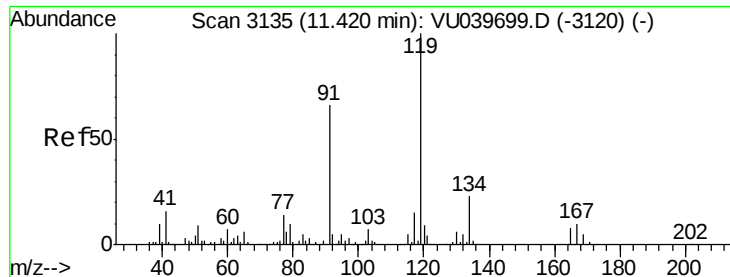
Tgt Ion:126 Resp: 13238

Ion Ratio Lower Upper

126 100

91 349.9 0.0 732.2





#77

tert-Butylbenzene

Concen: 1.546 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

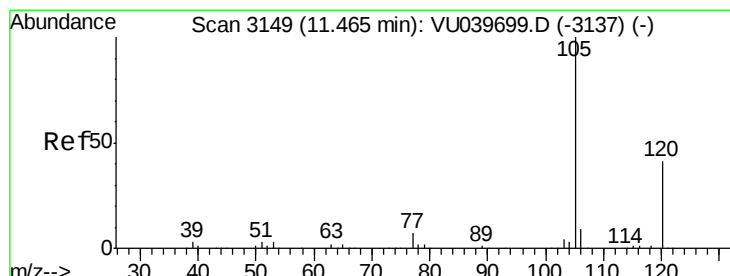
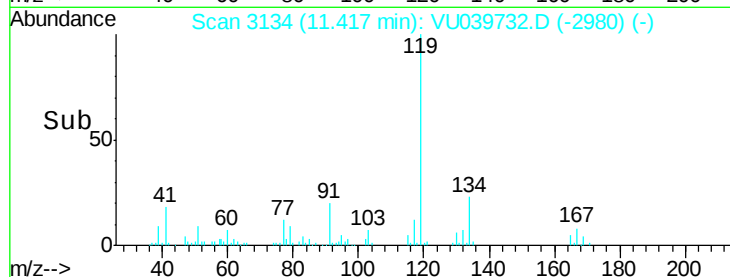
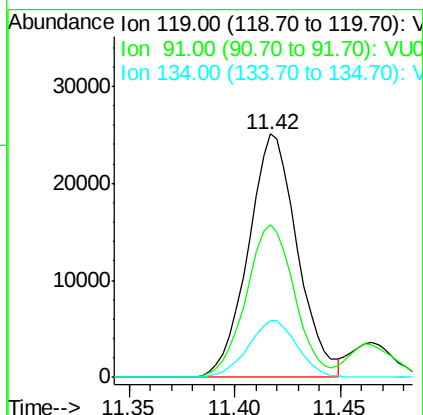
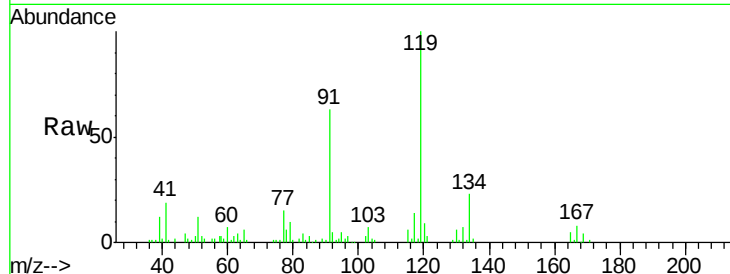
Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

Tgt Ion:119 Resp: 40670

Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.9	95.5
134	23.3	18.2	27.4



#78

1,2,4-Trimethylbenzene

Concen: 1.568 ug/l

RT: 11.46 min Scan# 3149

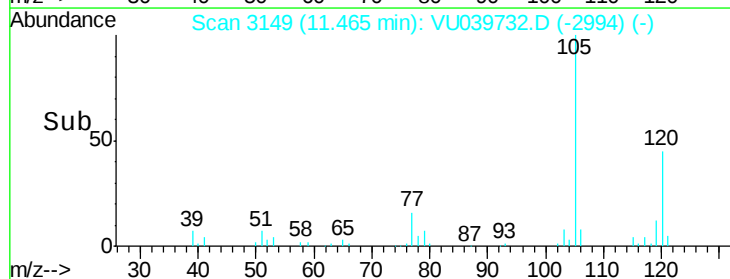
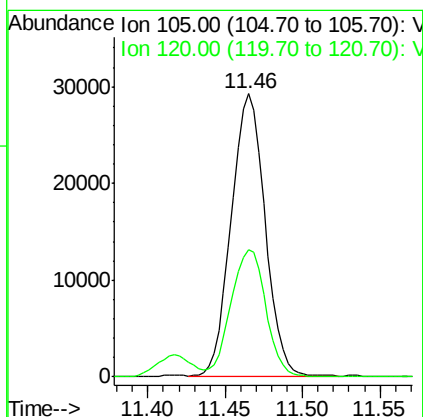
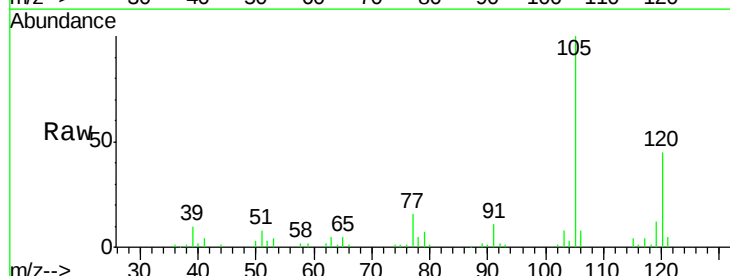
Delta R.T. -0.00 min

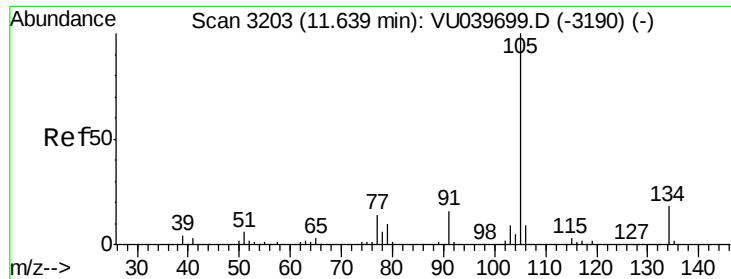
Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Tgt Ion:105 Resp: 44075

Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.7	68.0

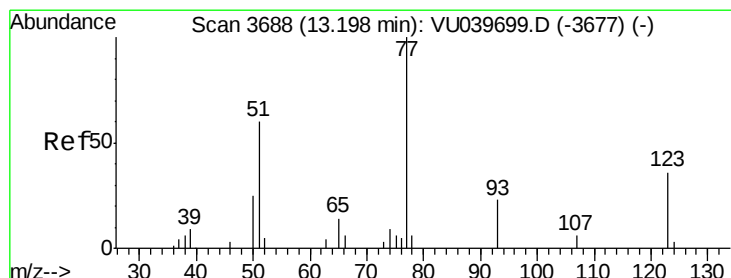
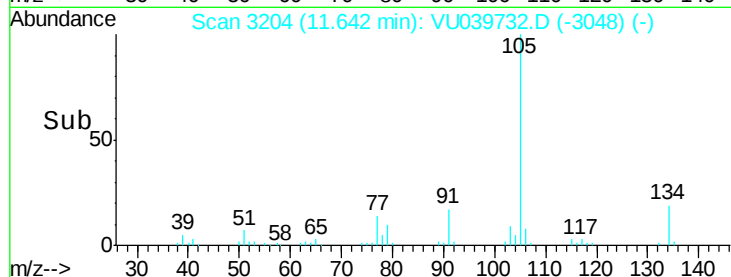
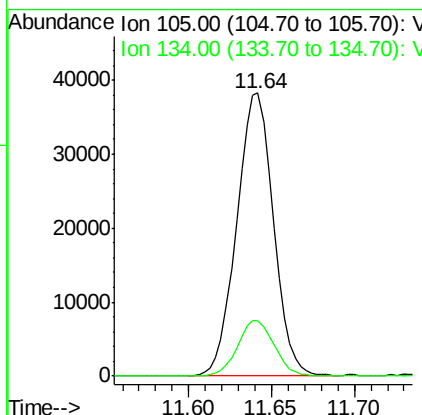
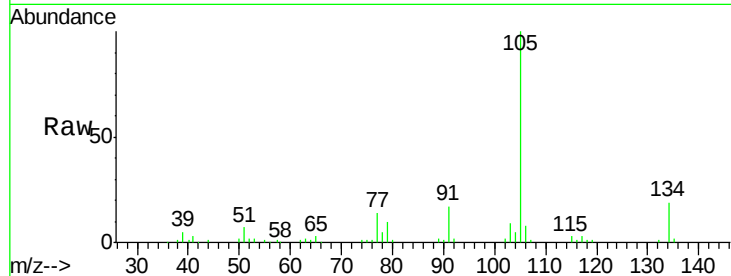




#79
 sec-Butylbenzene
 Concen: 1.575 ug/l
 RT: 11.64 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

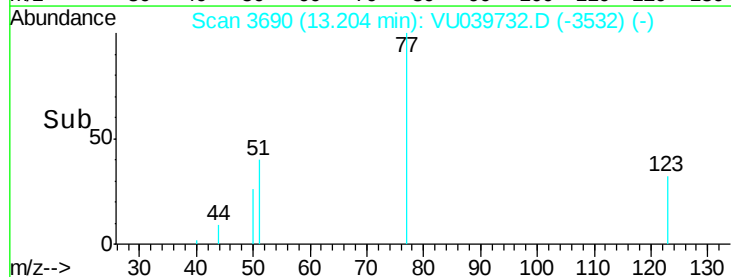
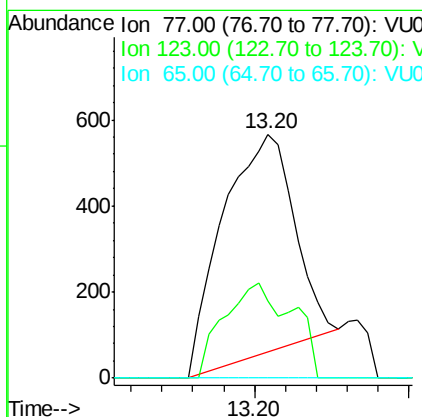
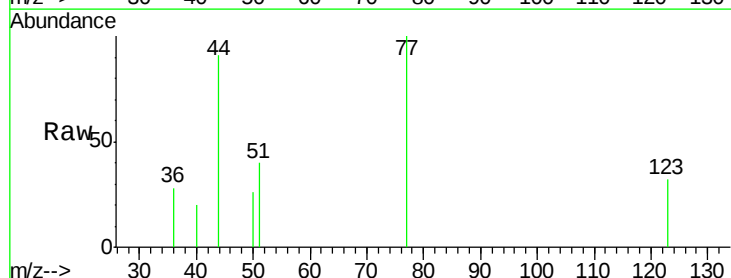
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

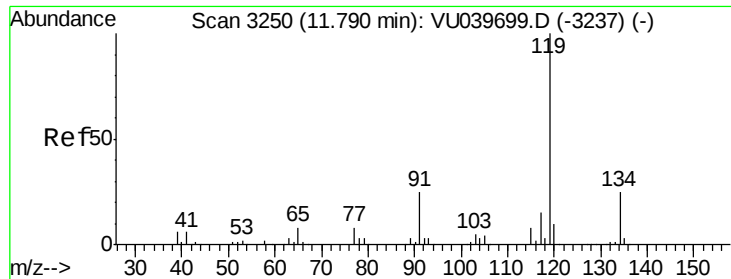
Tgt Ion: 105 Resp: 58941
 Ion Ratio Lower Upper
 105 100
 134 19.5 14.8 22.2



#80
 Nitrobenzene
 Concen: 6.131 ug/l
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.01 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 77 Resp: 835
 Ion Ratio Lower Upper
 77 100
 123 40.7 16.9 59.9
 65 0.0 14.4 18.4#

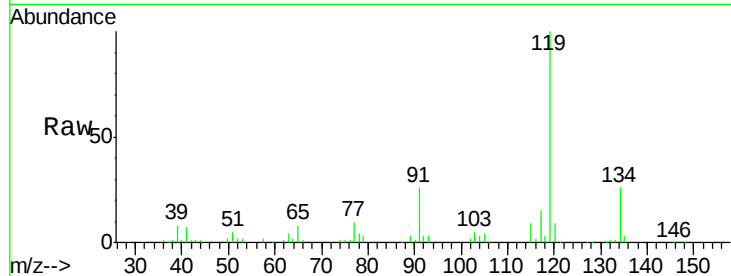




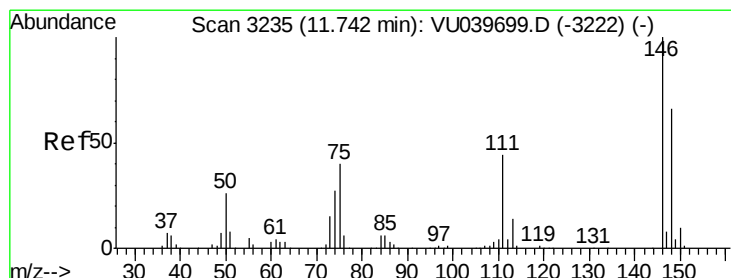
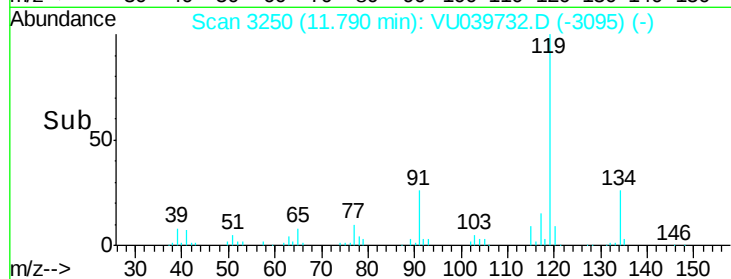
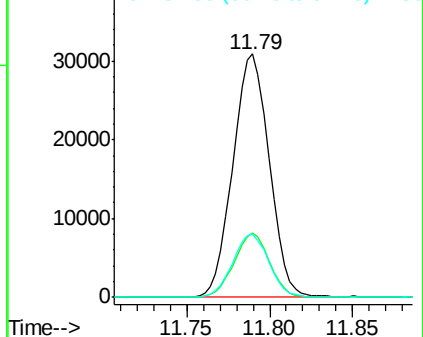
#81
 p-Isopropyltoluene
 Concen: 1.564 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

Tgt Ion:119 Resp: 47196
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.2 30.4
 91 25.8 20.7 31.1

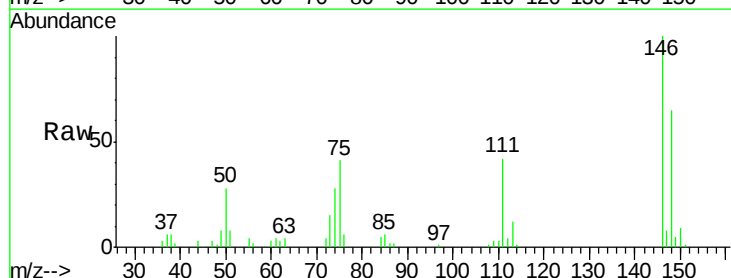


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

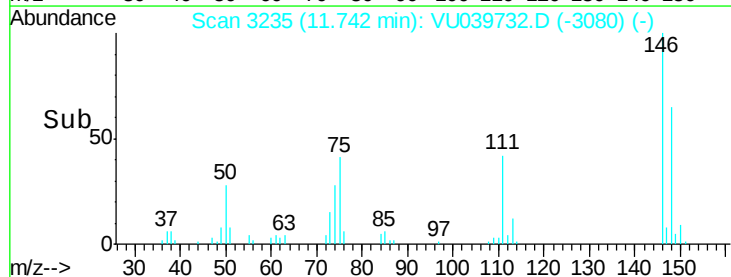
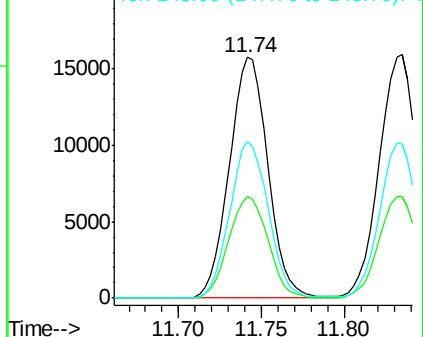


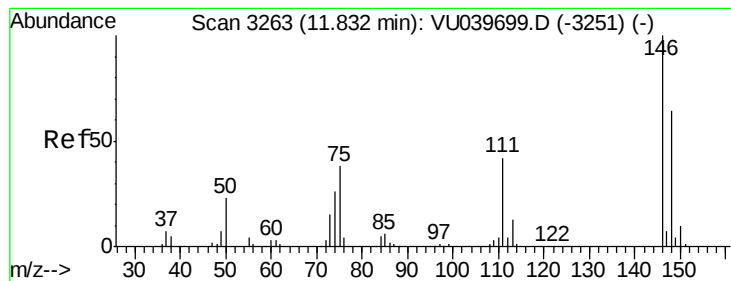
#82
 1,3-Dichlorobenzene
 Concen: 1.647 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion:146 Resp: 25532
 Ion Ratio Lower Upper
 146 100
 111 42.7 34.5 51.7
 148 64.8 51.4 77.0



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





#83

1,4-Dichlorobenzene

Concen: 1.653 ug/l

RT: 11.83 min Scan# 3264

Delta R.T. 0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0731WBS01

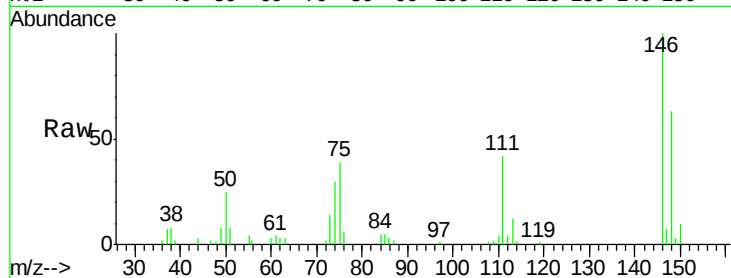
Tgt Ion: 146 Resp: 25776

Ion Ratio Lower Upper

146 100

111 42.1 33.8 50.6

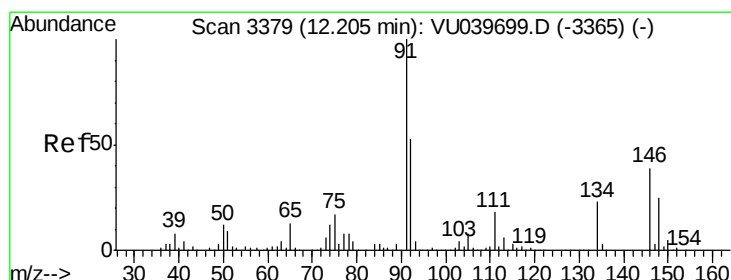
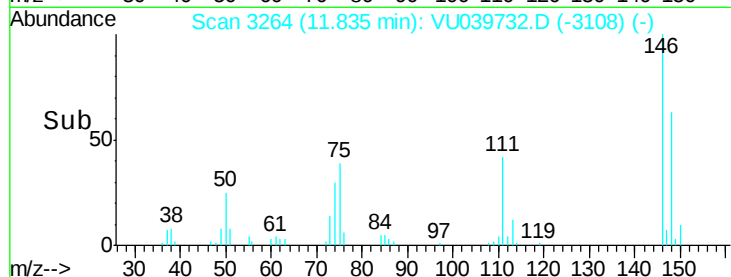
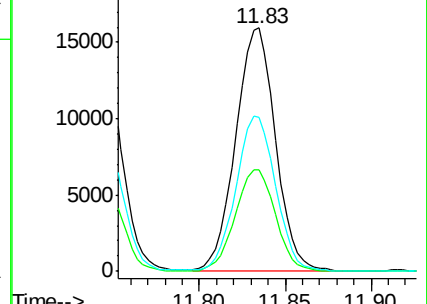
148 63.6 51.1 76.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 1.498 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

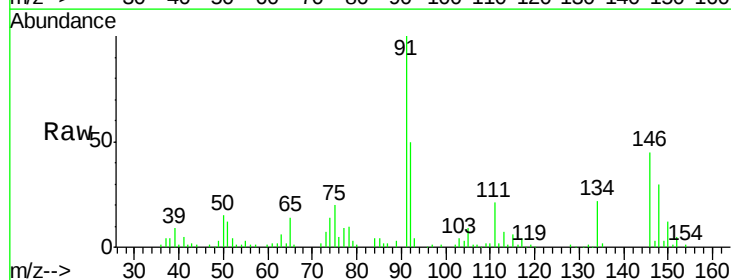
Tgt Ion: 91 Resp: 48005

Ion Ratio Lower Upper

91 100

92 50.3 42.6 64.0

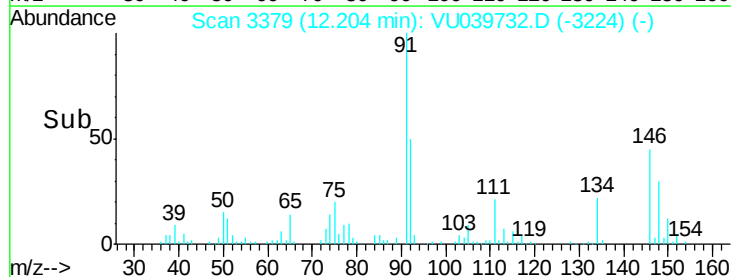
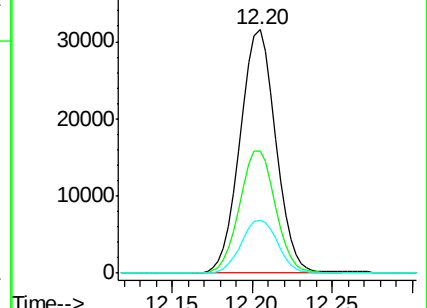
134 22.0 18.2 27.4

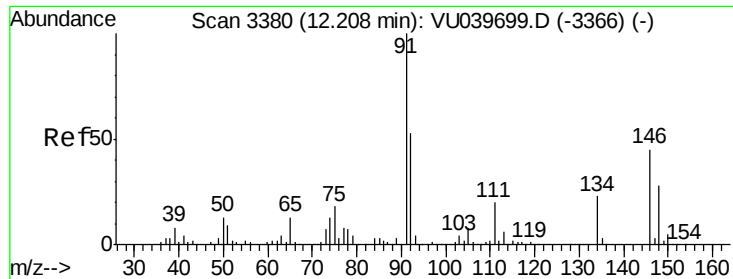


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

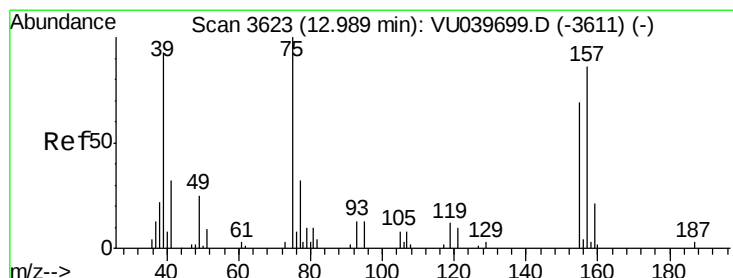
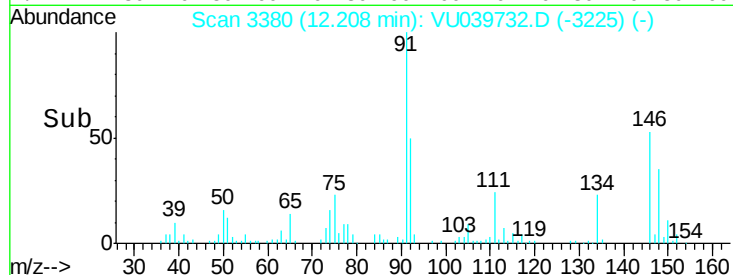
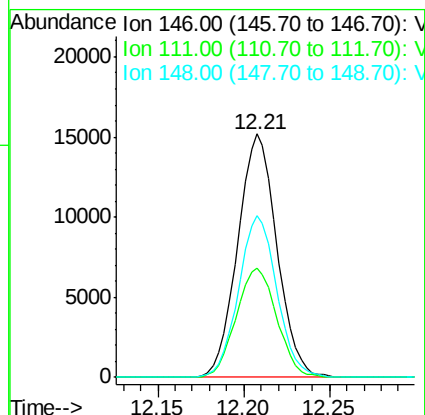
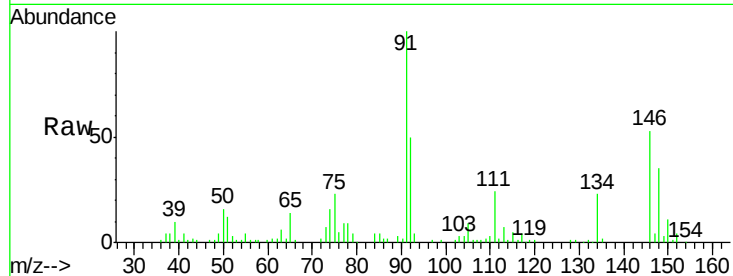




#85
 1,2-Dichlorobenzene
 Concen: 1.607 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

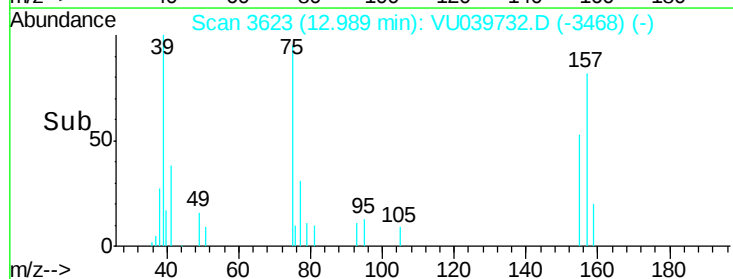
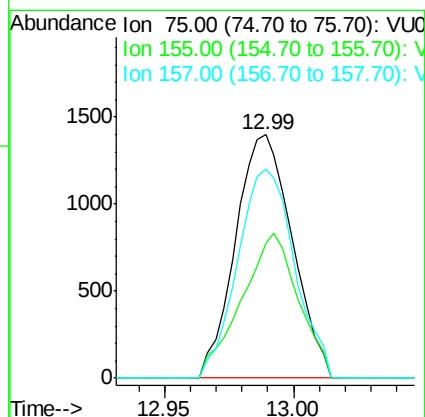
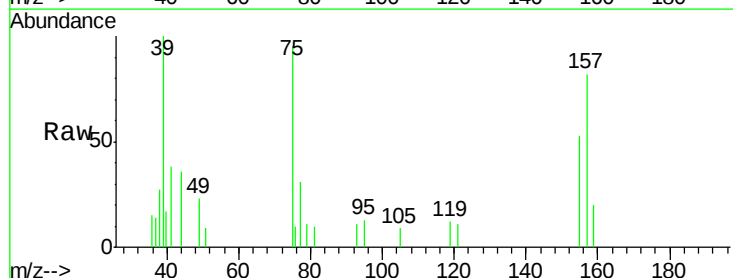
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

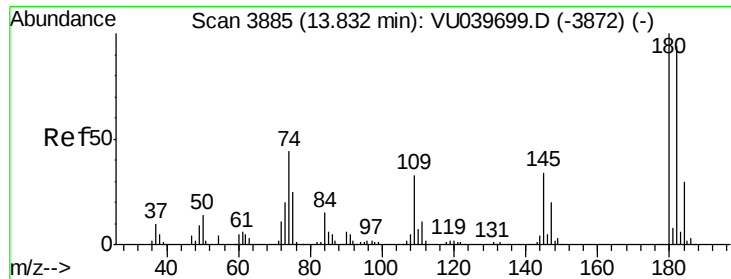
Tgt Ion: 146 Resp: 24016
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.8 68.3
 148 64.8 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.576 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 75 Resp: 2137
 Ion Ratio Lower Upper
 75 100
 155 59.6 52.9 79.3
 157 86.3 67.8 101.6

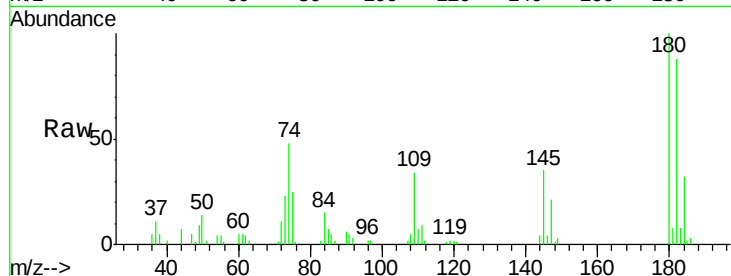




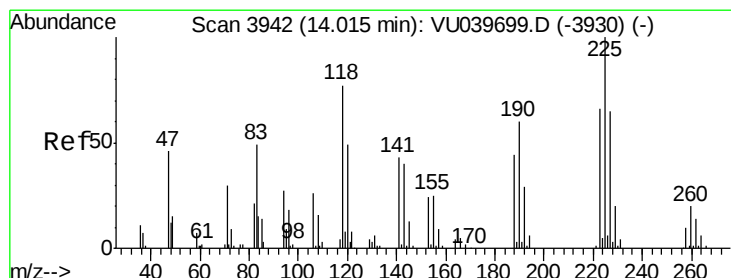
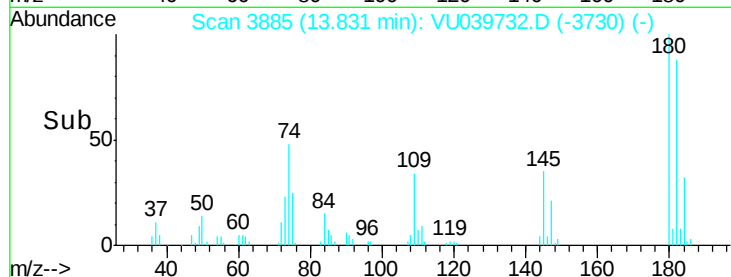
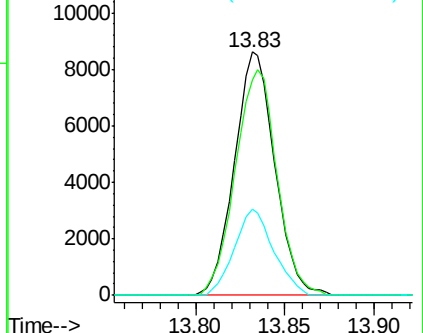
#87
 1,2,4-Trichlorobenzene
 Concen: 1.457 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0731WBS01

Tgt Ion:180 Resp: 13619
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.2 114.4
 145 34.3 26.8 40.2

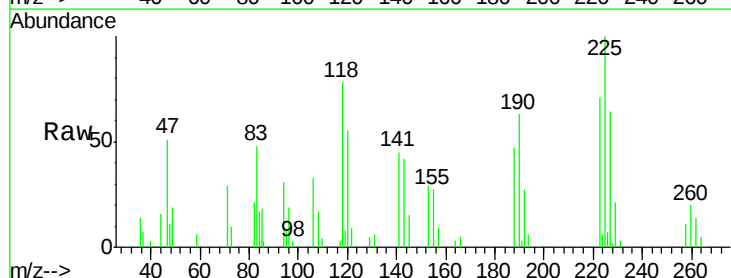


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

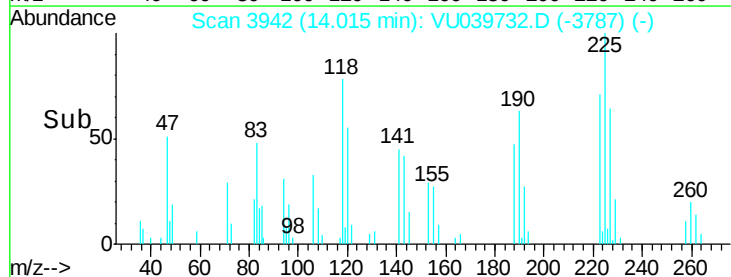
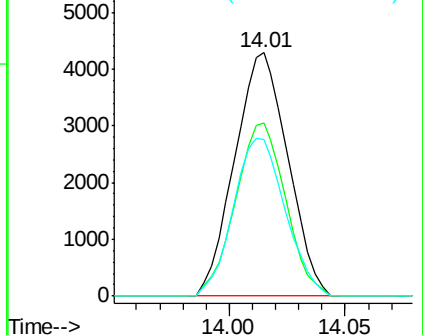


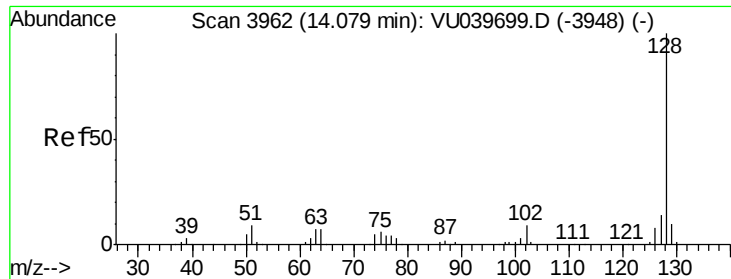
#88
 Hexachlorobutadiene
 Concen: 1.607 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion:225 Resp: 6819
 Ion Ratio Lower Upper
 225 100
 223 66.7 52.4 78.6
 227 63.2 50.7 76.1



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V

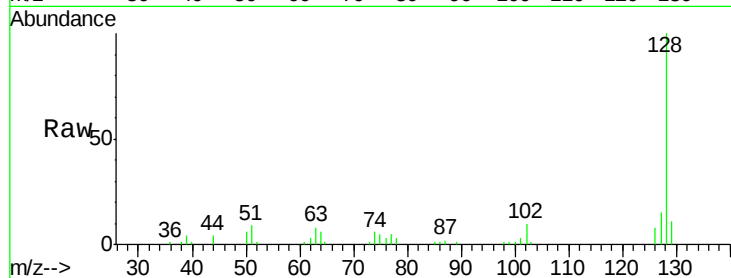




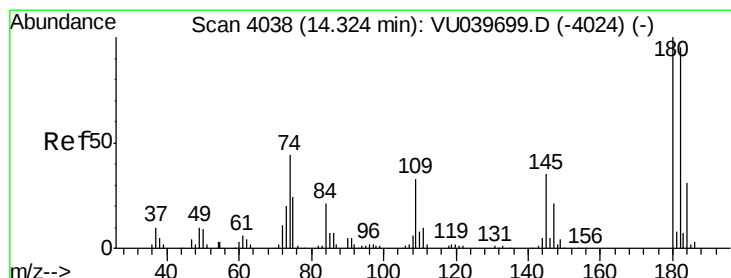
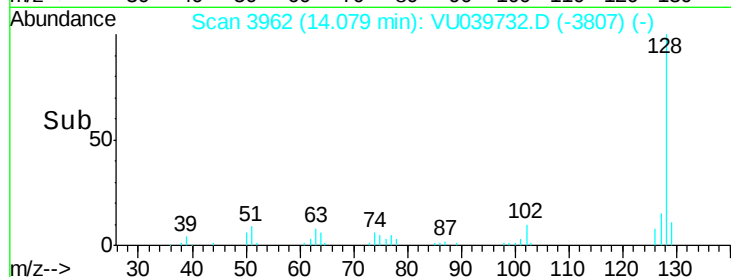
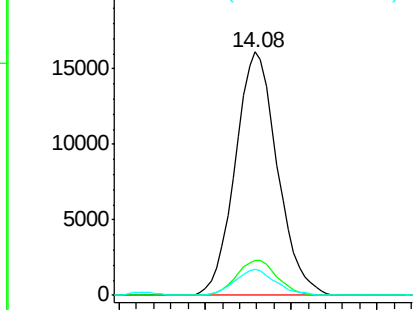
#89
Naphthalene
Concen: 1.375 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0731WBS01

Tgt Ion:128 Resp: 27496
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 10.3 8.4 12.6

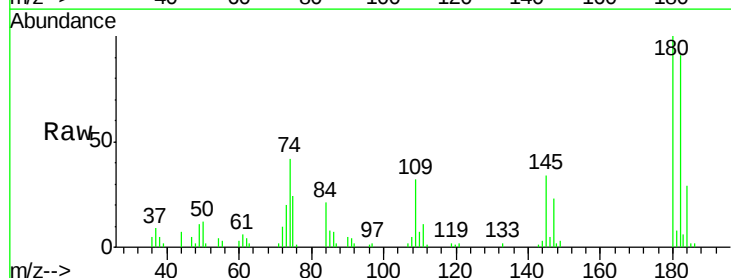


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.516 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:180 Resp: 13373
Ion Ratio Lower Upper
180 100
182 92.4 76.0 114.0
145 33.3 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

