

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040069.D
 Acq On : 09 Sep 2020 18:42
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Quant Time: Sep 10 04:14:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	27968	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	10731	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10165	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	79911	10.062	ug/l	99
3) Chloromethane	1.53	50	81115	9.656	ug/l	99
4) Vinyl Chloride	1.61	62	82938	10.040	ug/l	99
5) Bromomethane	1.87	94	48720	9.744	ug/l	95
6) Chloroethane	1.94	64	49410	9.070	ug/l	99
7) Trichlorofluoromethane	2.15	101	127793	10.307	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	70450	9.847	ug/l	100
9) 1,1-Dichloroethene	2.59	96	59341	9.810	ug/l	97
10) Iodomethane	2.74	142	72584	10.265	ug/l	100
11) Allyl Chloride	2.94	41	117840	9.863	ug/l	100
12) Acrylonitrile	3.34	53	45639	21.703	ug/l	94
13) Acetone	2.66	43	96387	50.008	ug/l	94
14) Carbon Disulfide	2.81	76	165695	9.864	ug/l	98
15) Methylene Chloride	3.06	84	74442	10.149	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	68318	10.402	ug/l	98
17) 1,1-Dichloroethane	3.89	63	141341	9.863	ug/l	99
18) 2-Butanone	4.75	43	156196	53.133	ug/l	100
19) Cyclohexane	5.40	56	109769	9.223	ug/l	94
20) Methylcyclohexane	6.77	83	115839	10.500	ug/l	99
21) 2,2-Dichloropropane	4.68	77	128749	9.462	ug/l	100
22) cis-1,2-Dichloroethene	4.69	96	75807	9.910	ug/l	98
23) Diethyl Ether	2.39	59	58786	10.257	ug/l	98
24) tert-Butyl Alcohol	3.25	59	73121	94.798	ug/l	# 89
25) Methyl tert-Butyl Ether	3.39	73	203801	10.103	ug/l	99
26) Bromochloromethane	4.99	128	33484	10.077	ug/l	95
27) Chloroform	5.11	83	148360	10.198	ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	126549	10.003	ug/l	99
29) 1,1-Dichloropropene	5.54	75	108658	10.094	ug/l	99
30) Carbon Tetrachloride	5.54	117	115834	10.093	ug/l	99
31) Isopropyl Ether	4.02	45	249119	10.097	ug/l	97
32) Ethyl-t-butyl ether	4.53	59	227008	10.152	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	204466	10.388	ug/l	99
34) Propionitrile	4.82	54	41383	55.600	ug/l	# 93
35) Benzene	5.79	78	308922	10.363	ug/l	97
36) 1,2-Dichloroethane	5.81	62	119246	10.283	ug/l	99
37) Trichloroethene	6.55	130	74787	9.868	ug/l	97
38) 1,2-Dichloropropane	6.80	63	89312	10.348	ug/l	98
39) Methacrylonitrile	5.00	41	37898	9.517	ug/l	99
40) Methyl acrylate	4.87	55	54536	10.679	ug/l	96
41) Tetrahydrofuran	5.09	42	38109	19.919	ug/l	96
42) 1-Chlorobutane	5.47	56	162276	10.202	ug/l	97

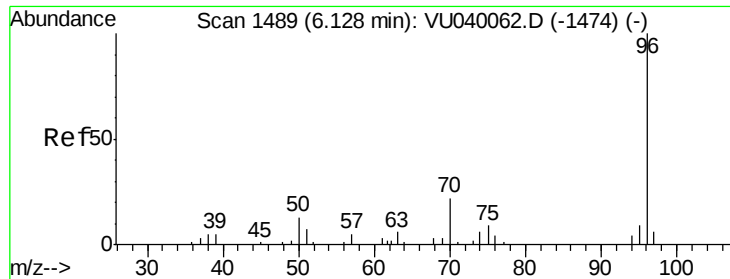
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	50411	10.107	ug/l	97
44) Bromodichloromethane	7.12	83	120975	10.104	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	378489	55.702	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	126034	48.481	ug/l #	54
47) Methyl methacrylate	6.98	69	94755	22.162	ug/l	99
48) Ethyl methacrylate	8.34	69	87591	11.274	ug/l	99
49) Toluene	7.97	92	196293	10.895	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	118272	10.952	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	124224	10.332	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	65732	10.287	ug/l	98
53) 1,3-Dichloropropane	8.58	76	120820	10.532	ug/l	97
54) 2-Hexanone	8.70	43	270077	54.827	ug/l	99
55) Dibromochloromethane	8.82	129	79843	10.709	ug/l	100
56) 1,2-Dibromoethane	8.93	107	63781	10.688	ug/l	98
58) Tetrachloroethene	8.56	164	73864	10.042	ug/l	98
59) Chlorobenzene	9.45	112	208993	10.460	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	76082	10.398	ug/l	99
61) Pentachloroethane	11.42	117	50544	10.131	ug/l	99
62) Hexachloroethane	12.47	117	65995	10.408	ug/l	98
63) Ethyl Benzene	9.57	91	375968	11.028	ug/l	98
64) m/p-Xylenes	9.69	106	289973	22.765	ug/l	99
65) o-Xylene	10.10	106	135534	11.022	ug/l	99
66) Styrene	10.11	104	245398	11.362	ug/l	99
67) Bromoform	10.29	173	42999	11.199	ug/l	99
69) Isopropylbenzene	10.48	105	373355	11.032	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	87731	10.269	ug/l	95
71) 1,2,3-Trichloropropane	10.83	75	126034	19.000	ug/l	71
72) Bromobenzene	10.78	156	82437	10.442	ug/l	97
73) n-propylbenzene	10.90	120	101473	10.905	ug/l	97
74) 2-Chlorotoluene	10.98	126	88058	10.832	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	334317	11.279	ug/l	99
76) 4-Chlorotoluene	11.10	126	93512	10.666	ug/l	96
77) tert-Butylbenzene	11.42	119	305274	11.072	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	348921	11.224	ug/l	99
79) sec-Butylbenzene	11.64	105	435159	10.897	ug/l	100
80) Nitrobenzene	13.20	77	18801	54.871	ug/l	98
81) p-Isopropyltoluene	11.79	119	359717	11.312	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	179721	10.336	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	179413	10.383	ug/l	99
84) n-Butylbenzene	12.20	91	377548	11.552	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	171863	10.279	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	16733	10.524	ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	107269	11.116	ug/l	100
88) Hexachlorobutadiene	14.01	225	53009	10.619	ug/l	99
89) Naphthalene	14.08	128	229452	9.768	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	99059	11.021	ug/l	100

(#) = 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: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 27968

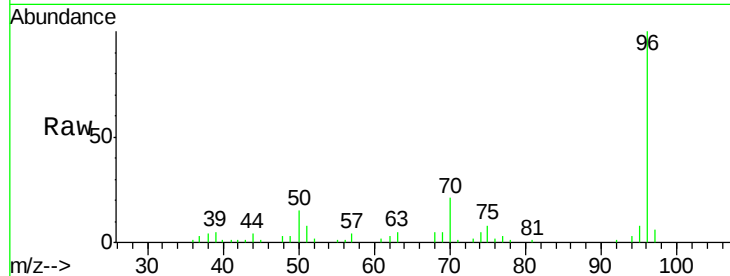
Ion Ratio Lower Upper

96 100

70 21.9 17.1 25.7

95 9.1 7.6 11.4

97 0.0 0.0 0.0

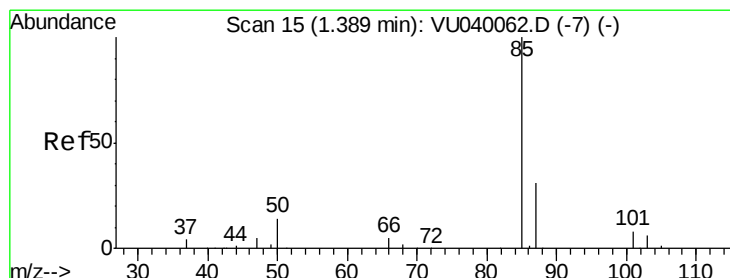
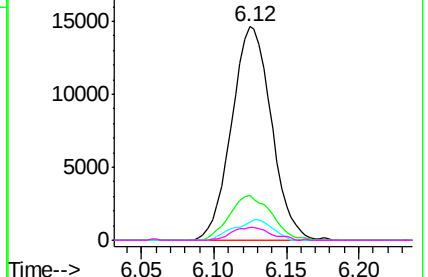
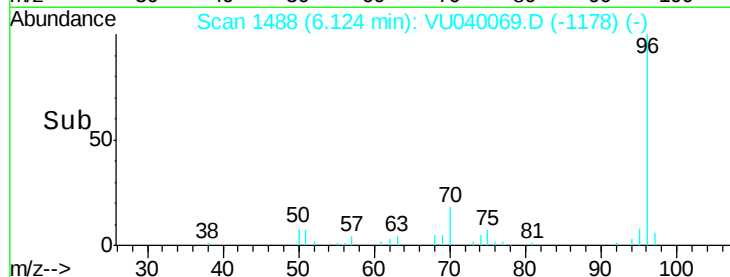


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 10.062 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040069.D

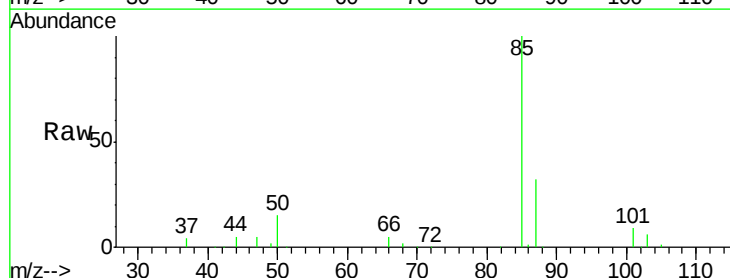
Acq: 09 Sep 2020 18:42

Tgt Ion: 85 Resp: 79911

Ion Ratio Lower Upper

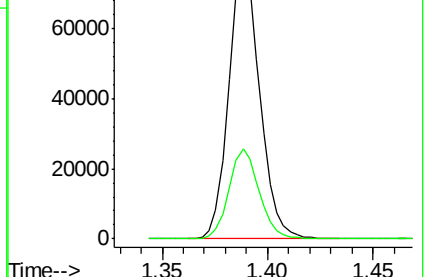
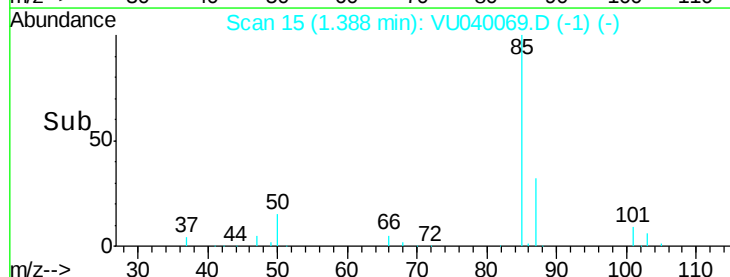
85 100

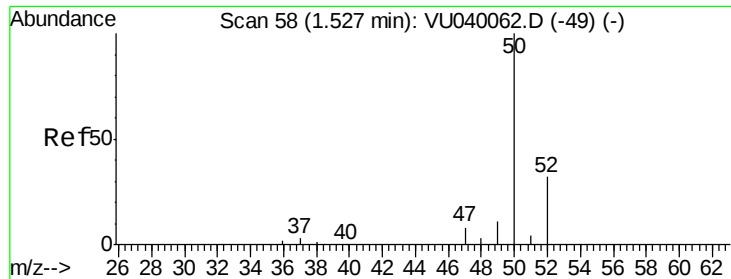
87 31.7 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.656 ug/l

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

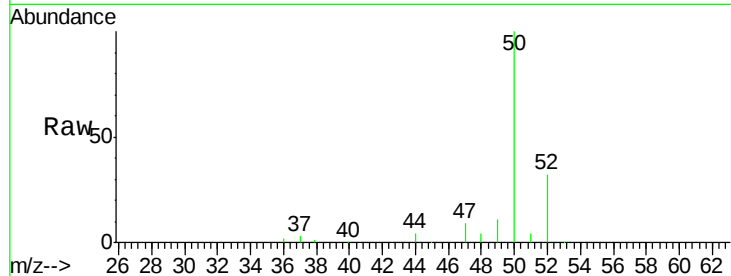
VSTDCCC010EC

Tgt Ion: 50 Resp: 81115

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.53

80000

60000

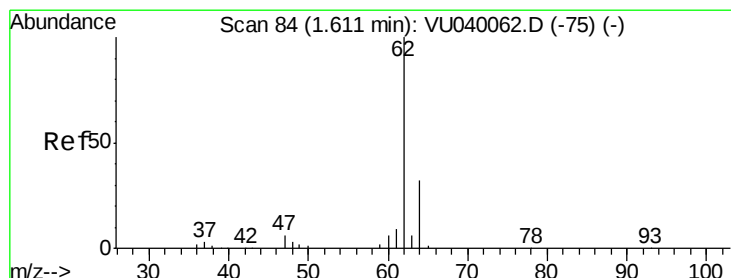
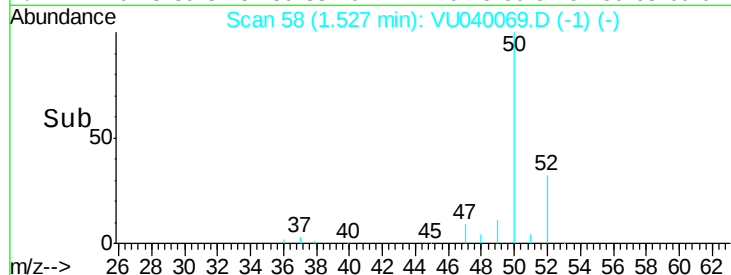
40000

20000

0

Time-->

1.50 1.55



#4

Vinyl Chloride

Concen: 10.040 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040069.D

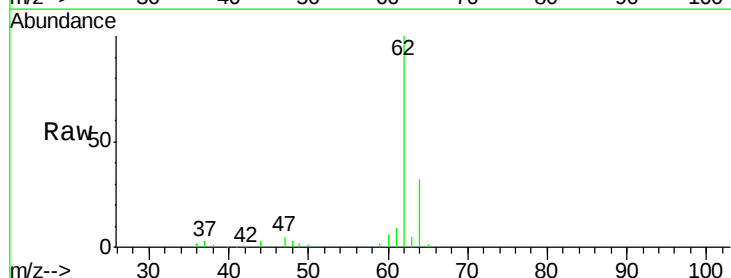
Acq: 09 Sep 2020 18:42

Tgt Ion: 62 Resp: 82938

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.61

80000

60000

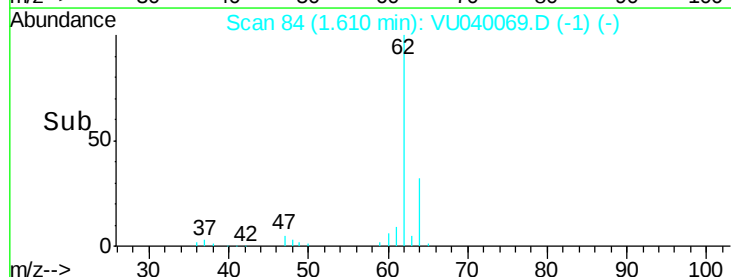
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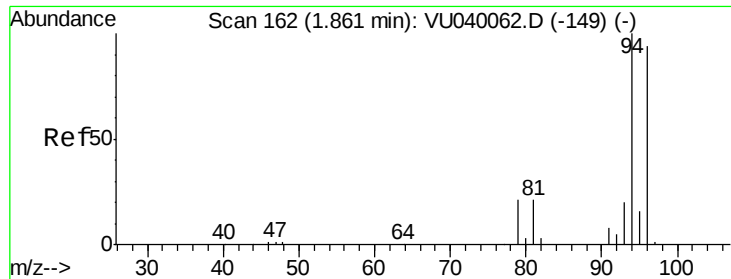
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0

Time-->

1.55 1.65

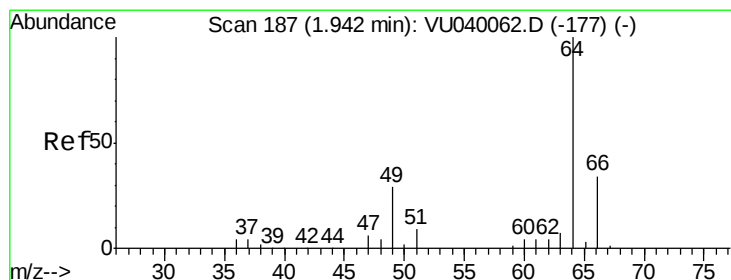
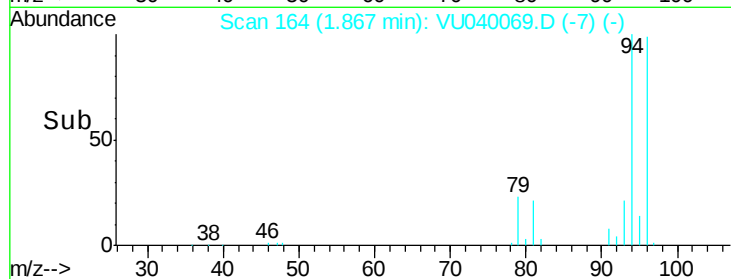
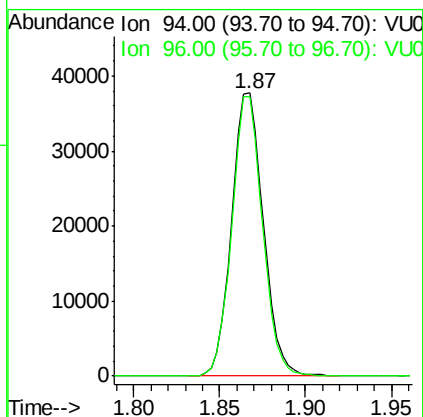
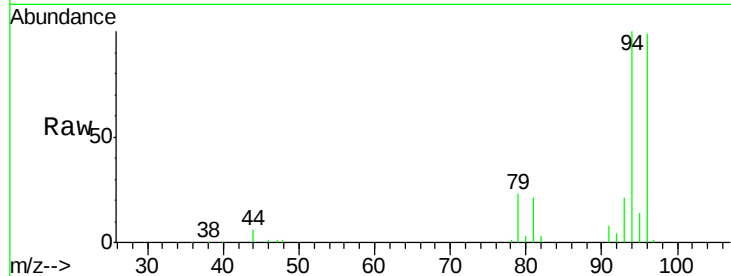




#5
Bromomethane
Concen: 9.744 ug/l
RT: 1.87 min Scan# 164
Delta R.T. 0.01 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

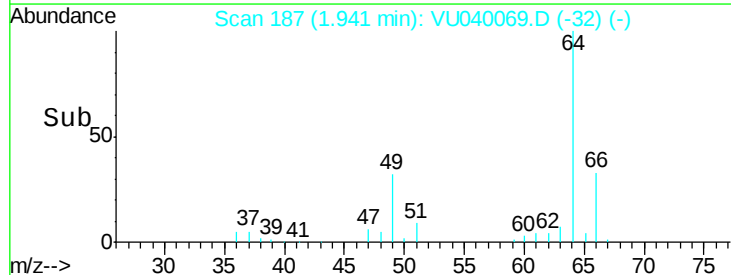
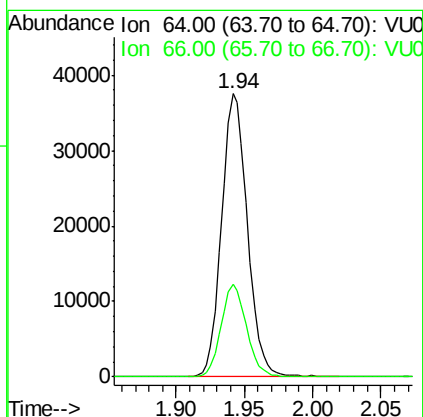
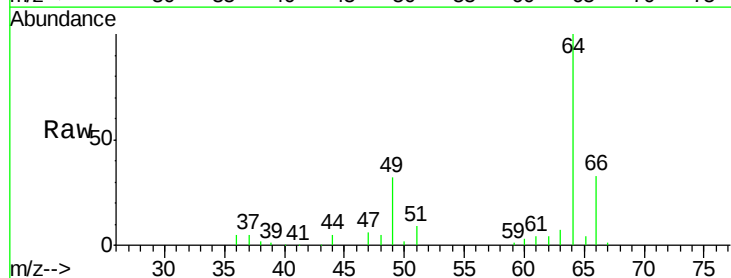
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

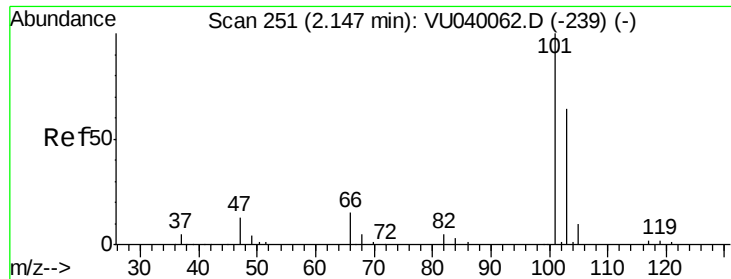
Tgt Ion: 94 Resp: 48720
Ion Ratio Lower Upper
94 100
96 98.7 75.4 113.2



#6
Chloroethane
Concen: 9.070 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion: 64 Resp: 49410
Ion Ratio Lower Upper
64 100
66 32.7 26.7 40.1



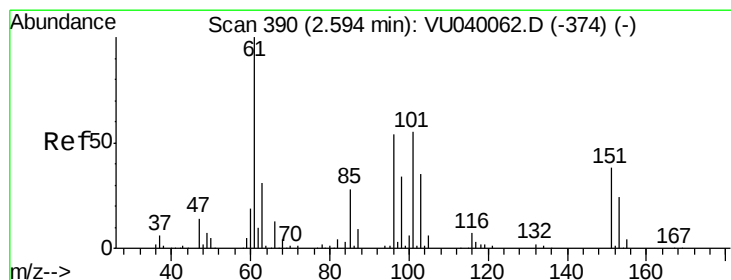
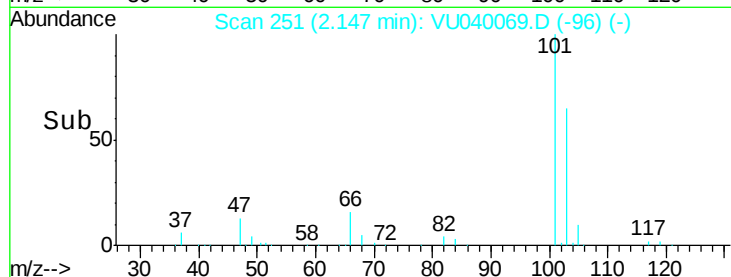
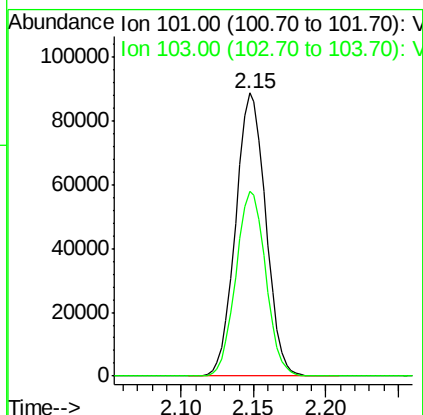
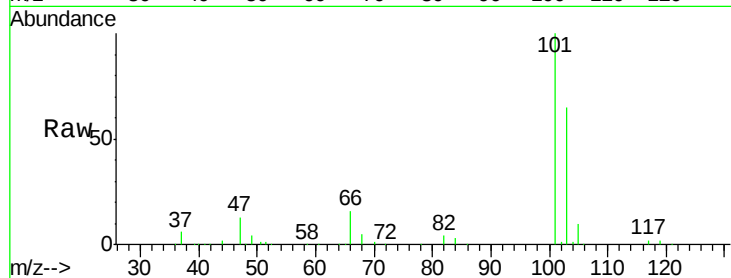


#7

Trichlorofluoromethane
Concen: 10.307 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

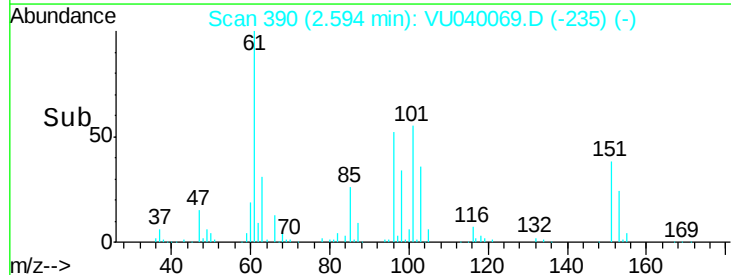
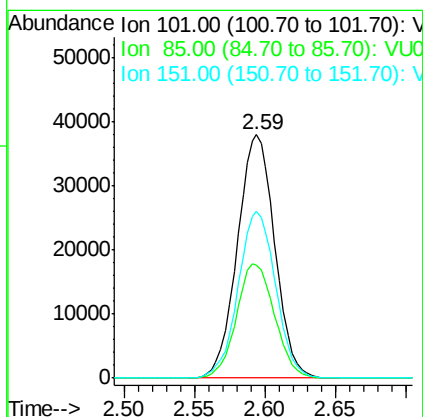
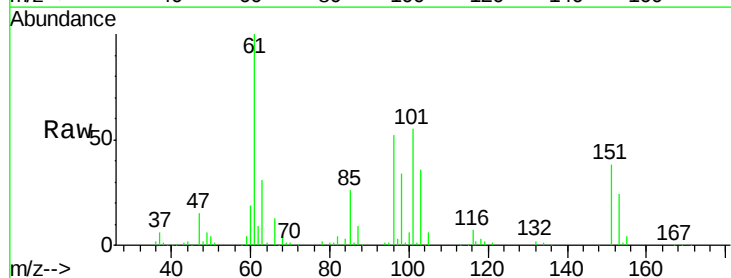
Tgt Ion:101 Resp: 127793
Ion Ratio Lower Upper
101 100
103 65.5 50.8 76.2

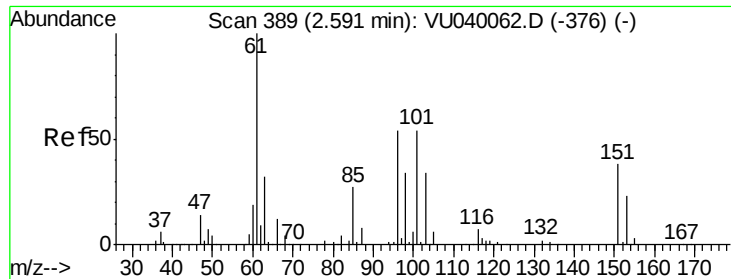


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.847 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion:101 Resp: 70450
Ion Ratio Lower Upper
101 100
85 48.0 38.5 57.7
151 68.6 54.6 81.8





#9

1,1-Dichloroethene

Concen: 9.810 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

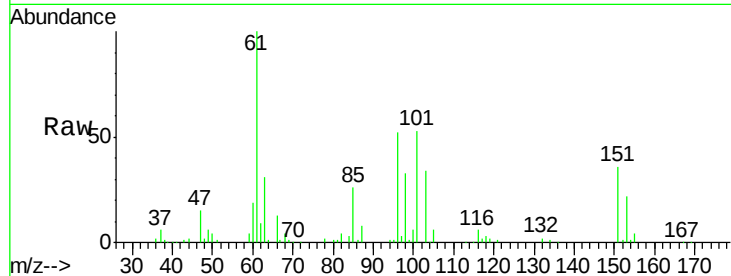
Tgt Ion: 96 Resp: 59341

Ion Ratio Lower Upper

96 100

61 191.9 0.0 557.1

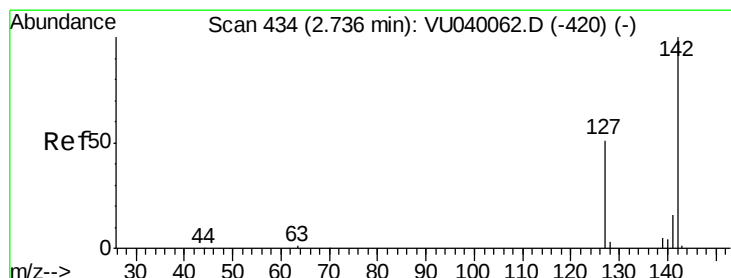
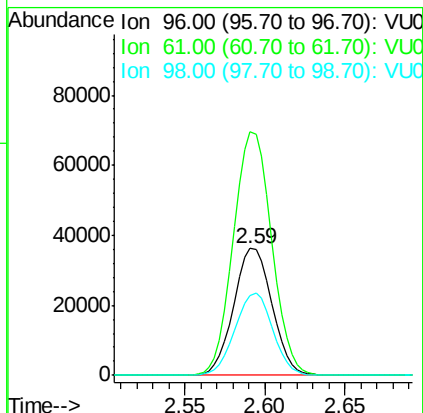
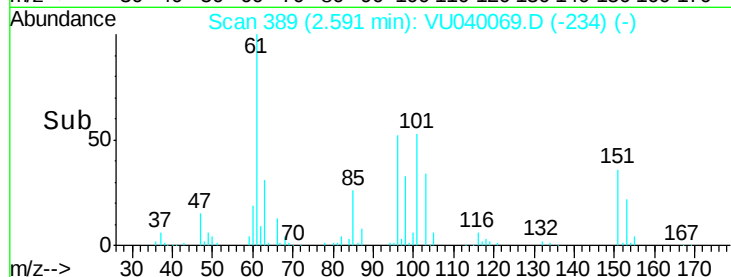
98 63.3 0.0 125.6



Abundance Ion 96.00 (95.70 to 96.70): VU040069.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU040069.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU040069.D (-234) (-)



#10

Iodomethane

Concen: 10.265 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040069.D

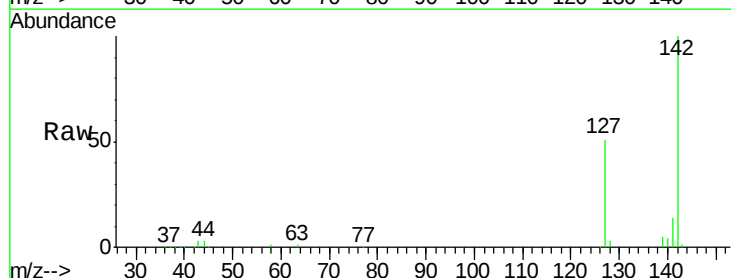
Acq: 09 Sep 2020 18:42

Tgt Ion: 142 Resp: 72584

Ion Ratio Lower Upper

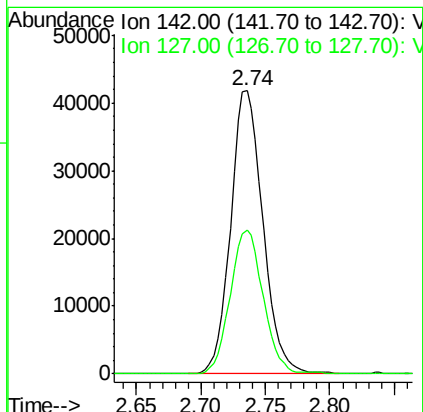
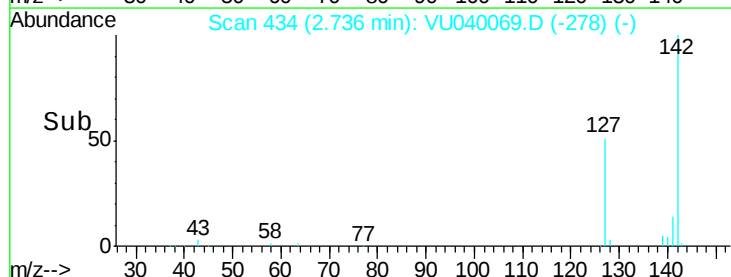
142 100

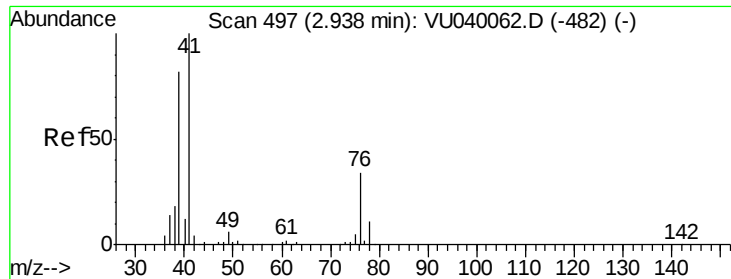
127 51.9 41.4 62.0



Abundance Ion 142.00 (141.70 to 142.70): VU040069.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU040069.D (-278) (-)

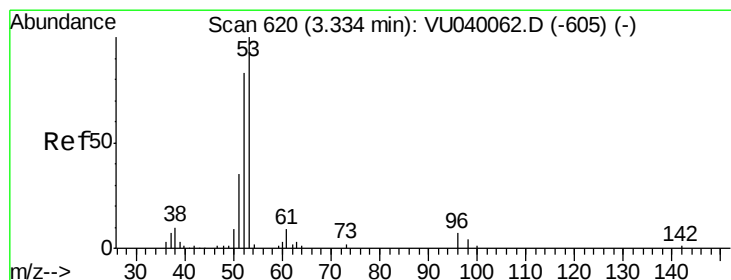
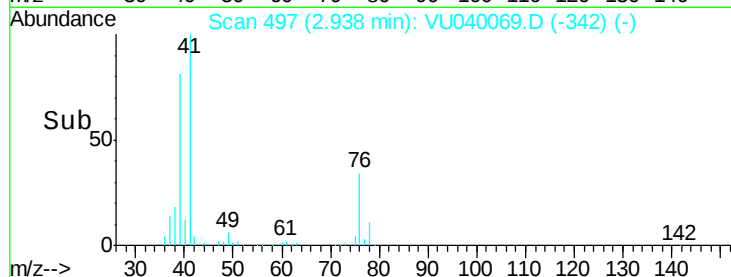
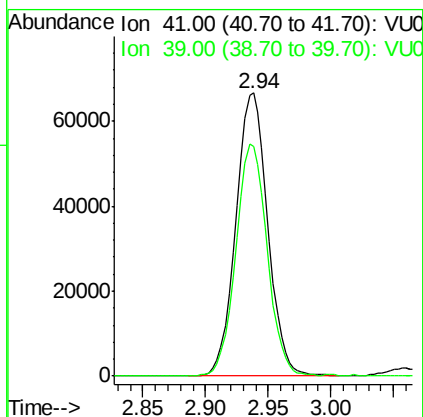
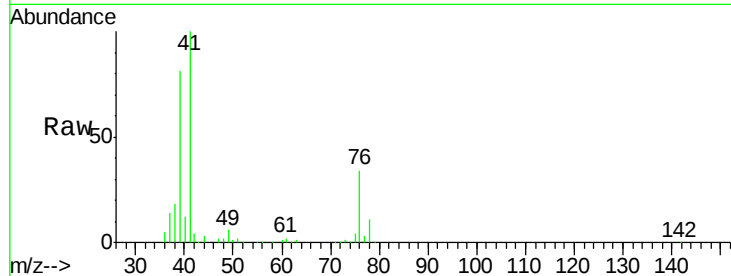




#11
 Allyl Chloride
 Concen: 9.863 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

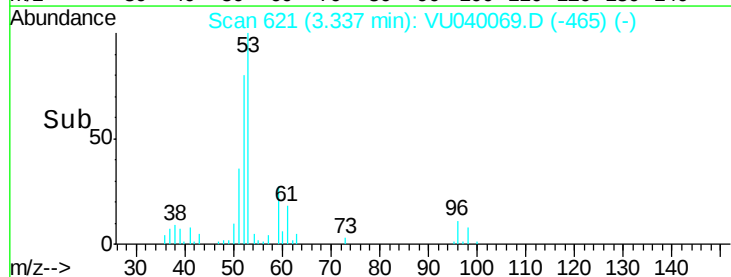
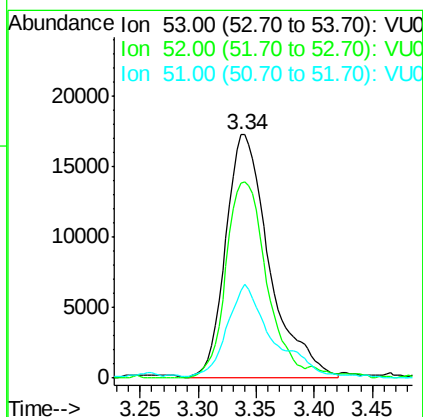
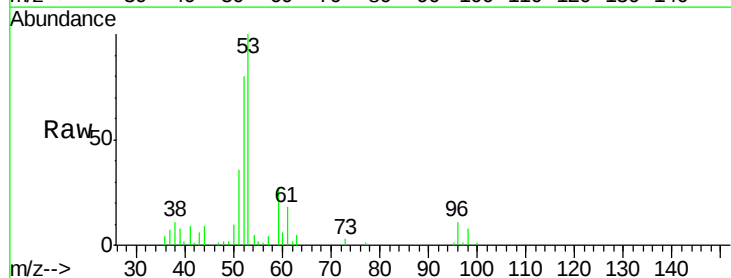
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

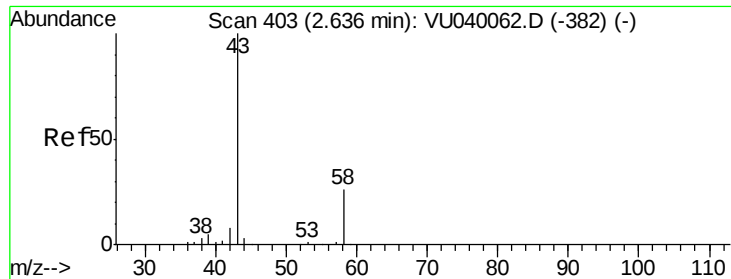
Tgt Ion: 41 Resp: 117840
 Ion Ratio Lower Upper
 41 100
 39 80.7 64.6 96.8



#12
 Acrylonitrile
 Concen: 21.703 ug/l
 RT: 3.34 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 53 Resp: 45639
 Ion Ratio Lower Upper
 53 100
 52 73.9 64.0 96.0
 51 37.8 28.2 42.2





#13

Acetone

Concen: 50.008 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.02 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

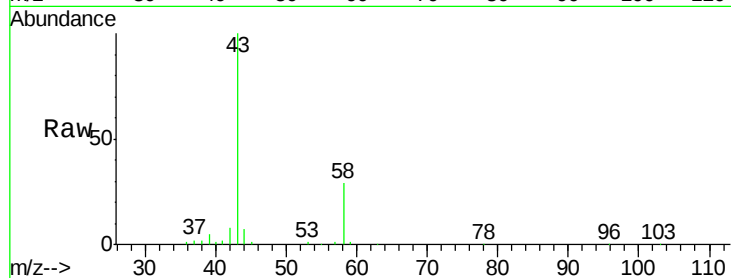
VSTDCCC010EC

Tgt Ion: 43 Resp: 96387

Ion Ratio Lower Upper

43 100

58 28.9 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VU040062.D (-382) (-)

Ion 58.00 (57.70 to 58.70): VU040062.D (-382) (-)

2.66

40000

30000

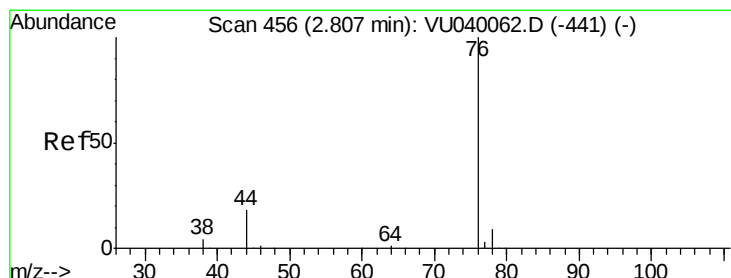
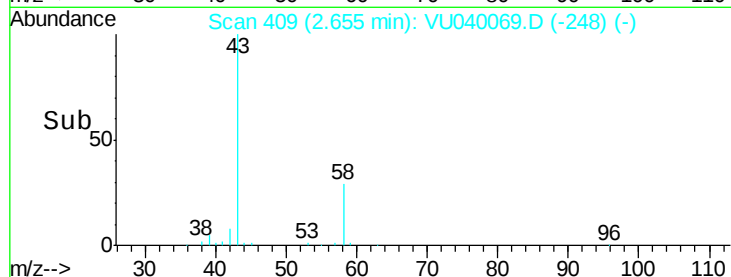
20000

10000

0

Time-->

2.60 2.70 2.80



#14

Carbon Disulfide

Concen: 9.864 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040069.D

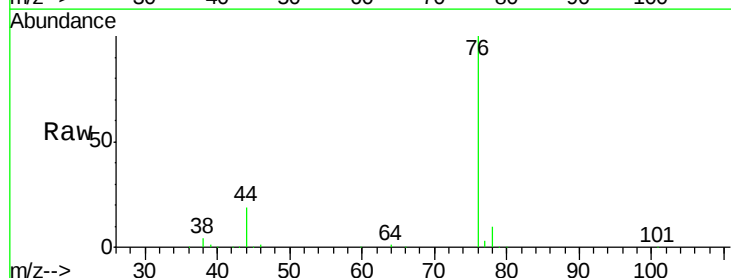
Acq: 09 Sep 2020 18:42

Tgt Ion: 76 Resp: 165695

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU040062.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU040062.D (-441) (-)

2.81

100000

80000

60000

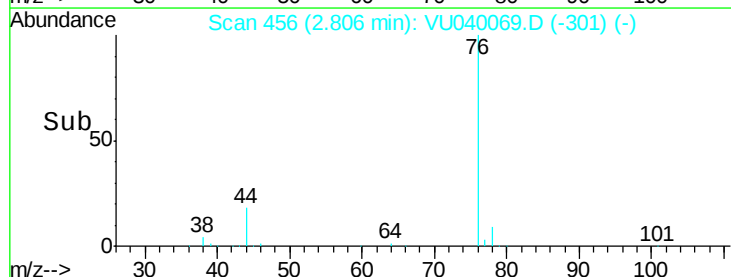
40000

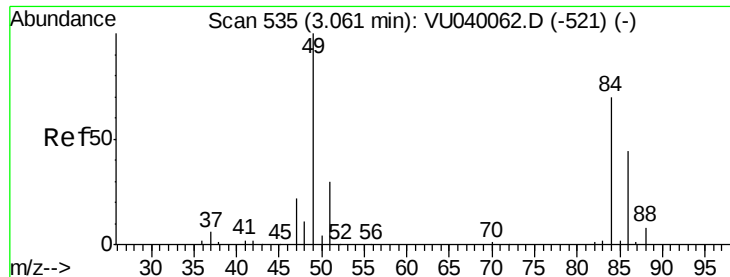
20000

0

Time-->

2.75 2.80 2.85 2.90

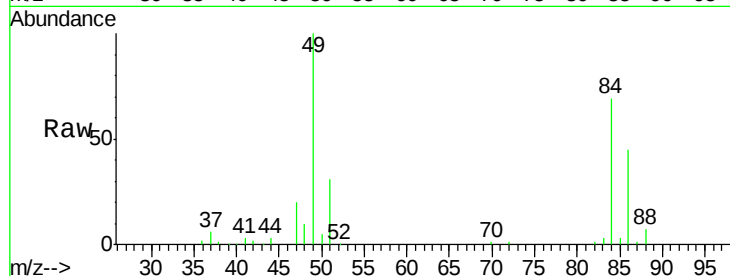




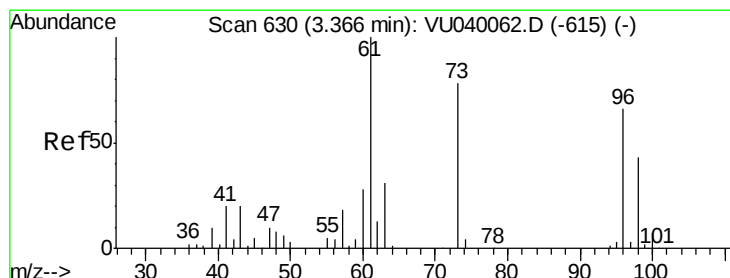
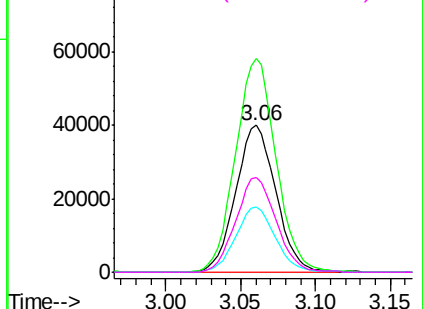
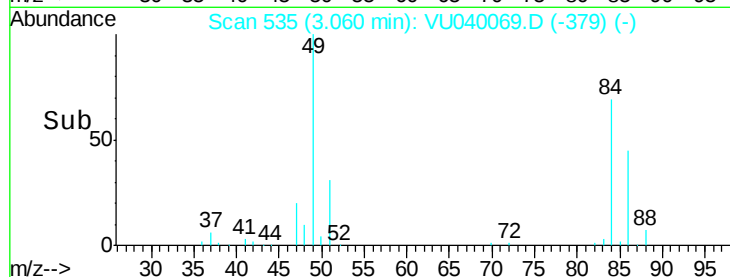
#15
Methylene Chloride
Concen: 10.149 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	84	Resp:	74442
Ion	Ratio	Lower	Upper
84	100		
49	145.1	114.3	171.5
51	44.6	0.0	84.6
86	64.7	50.6	76.0

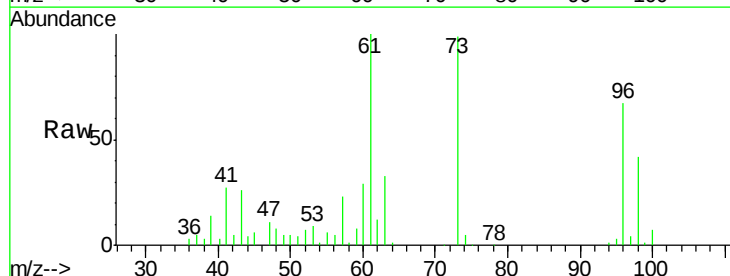


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

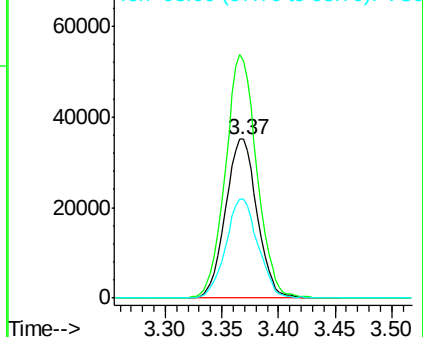
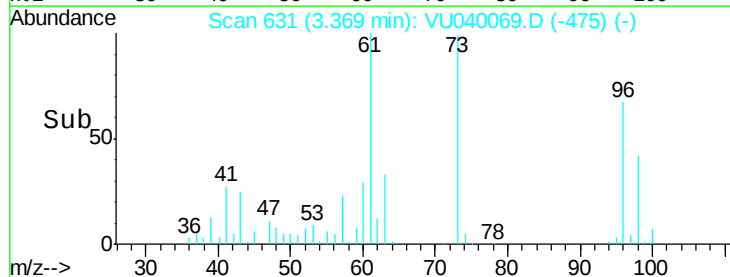


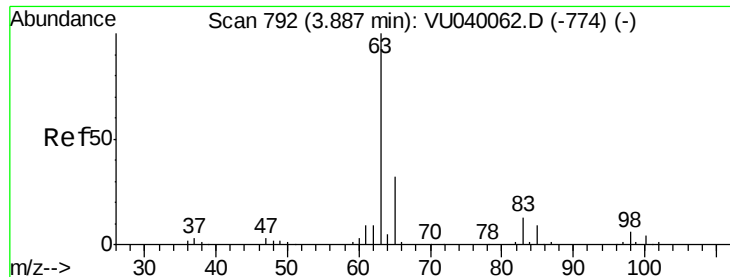
#16
trans-1,2-Dichloroethene
Concen: 10.402 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion:	96	Resp:	68318
Ion	Ratio	Lower	Upper
96	100		
61	148.8	121.4	182.0
98	62.6	51.9	77.9



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

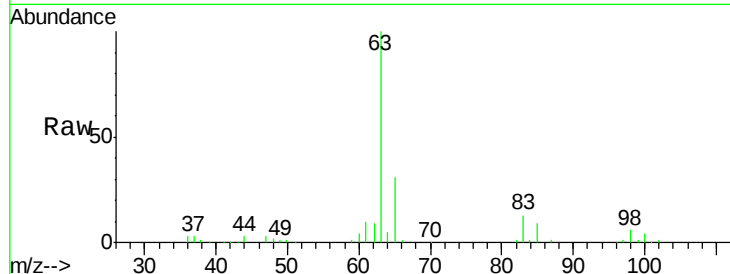




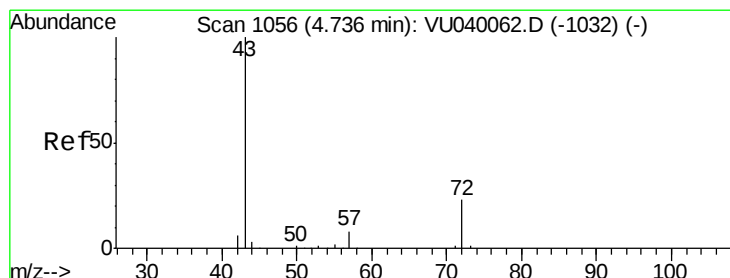
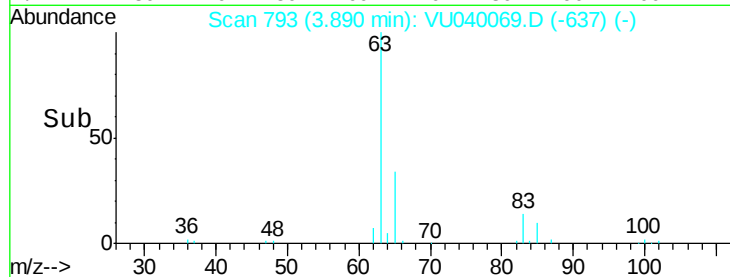
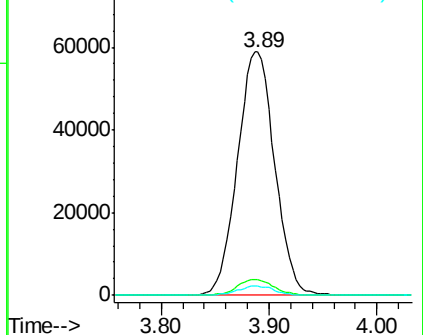
#17
 1,1-Dichloroethane
 Concen: 9.863 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 63 Resp: 141341
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 3.7 2.0 5.8

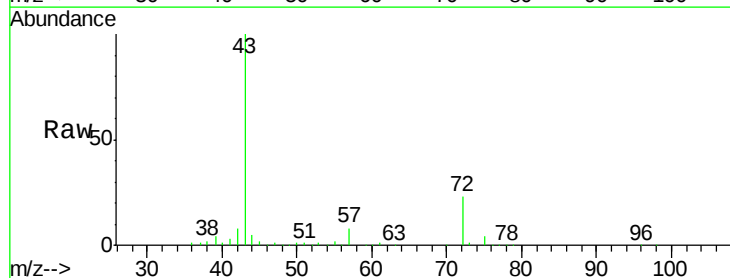


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

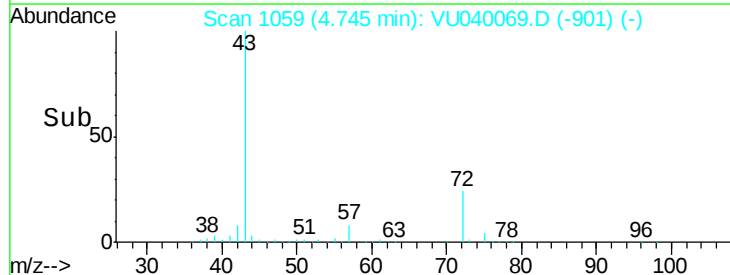
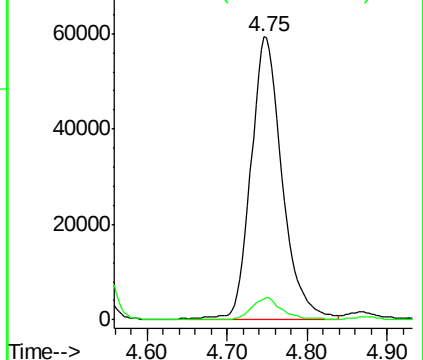


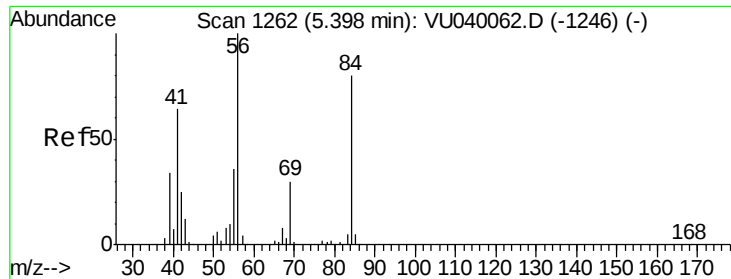
#18
 2-Butanone
 Concen: 53.133 ug/l
 RT: 4.75 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 43 Resp: 156196
 Ion Ratio Lower Upper
 43 100
 57 7.5 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

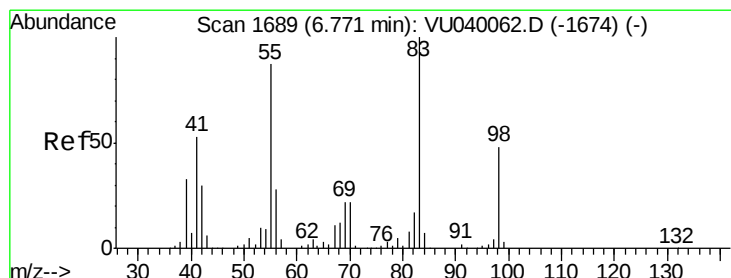
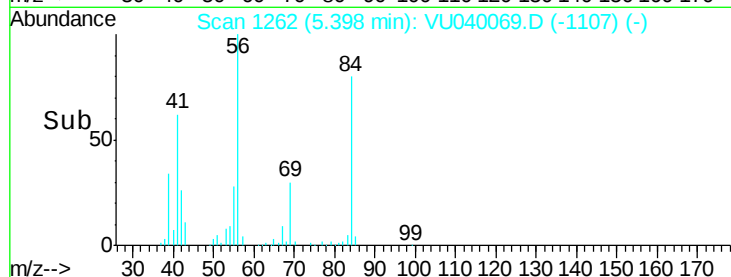
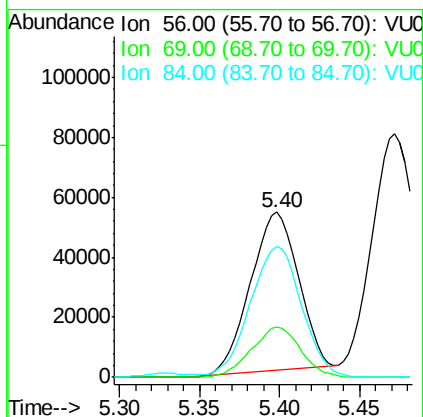
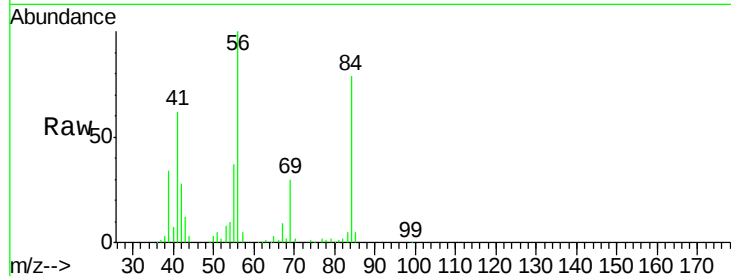




#19
Cyclohexane
Concen: 9.223 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

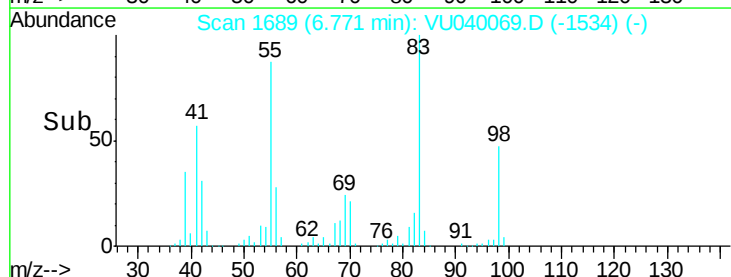
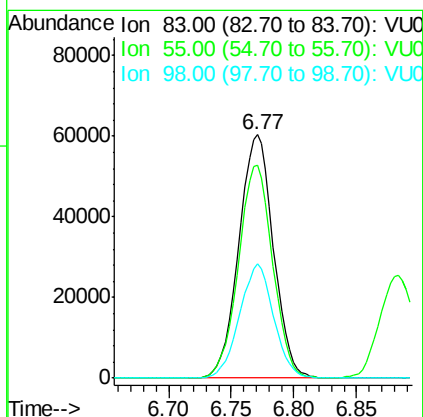
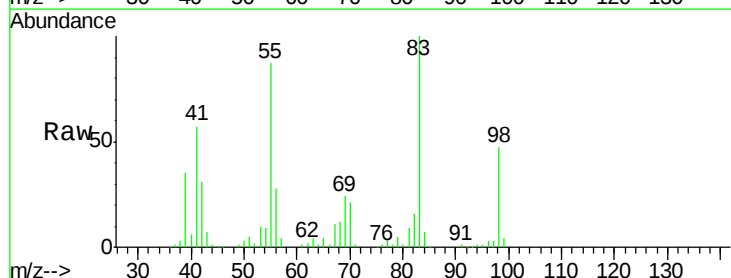
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

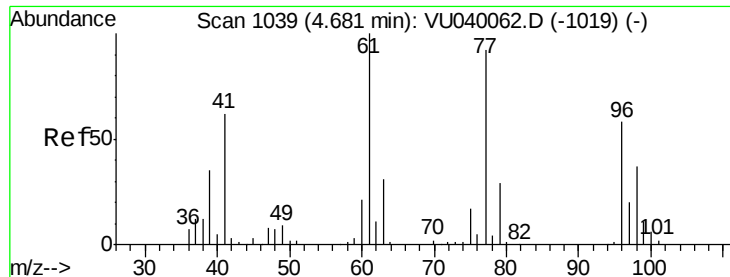
Tgt Ion: 56 Resp: 109769
Ion Ratio Lower Upper
56 100
69 32.6 23.5 35.3
84 85.6 63.8 95.6



#20
Methylcyclohexane
Concen: 10.500 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion: 83 Resp: 115839
Ion Ratio Lower Upper
83 100
55 86.0 69.4 104.2
98 46.3 37.5 56.3

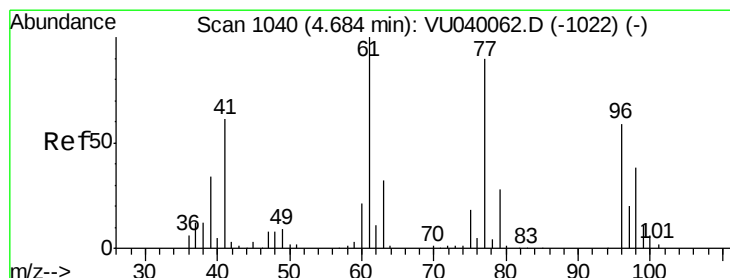
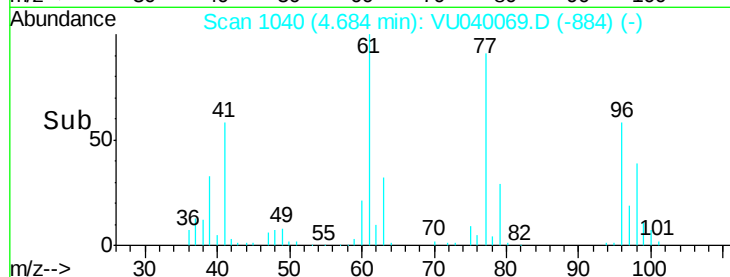
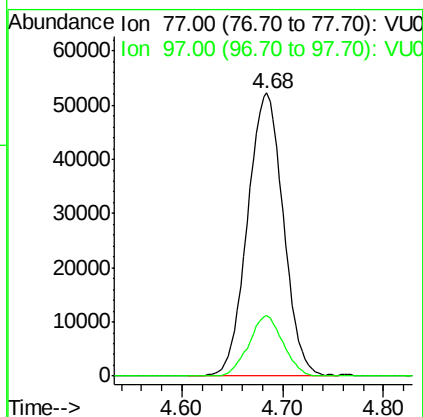
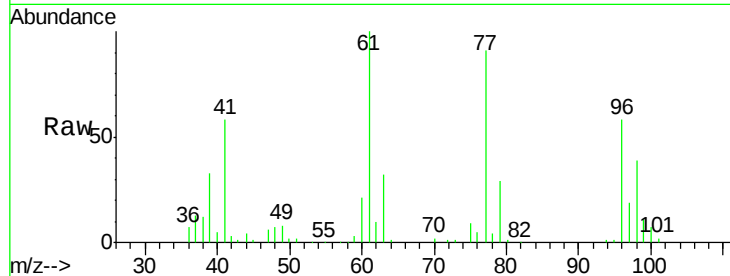




#21
 2,2-Dichloropropane
 Concen: 9.462 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

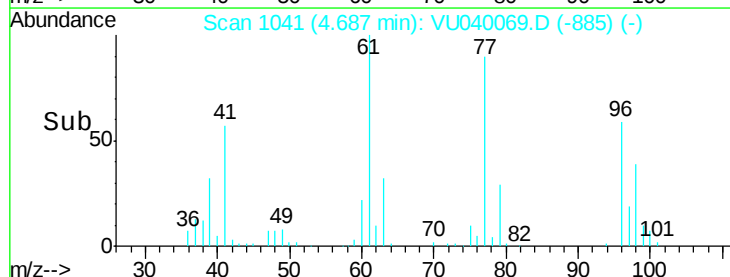
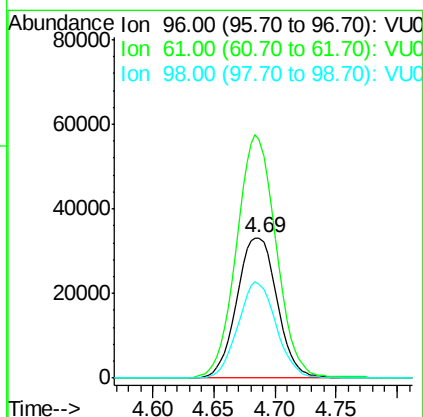
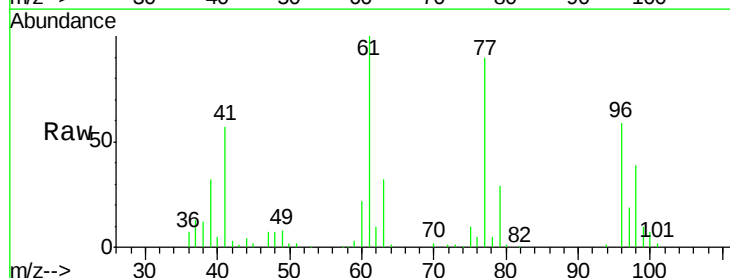
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

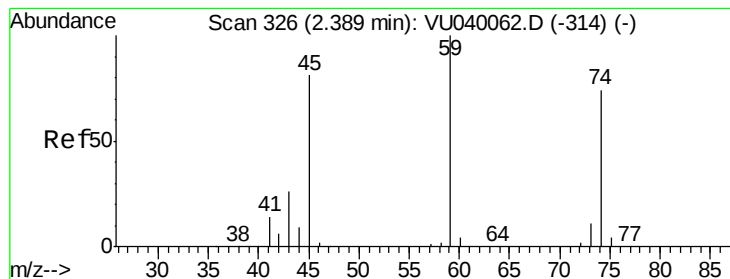
Tgt Ion: 77 Resp: 128749
 Ion Ratio Lower Upper
 77 100
 97 20.4 16.4 24.6



#22
 cis-1,2-Dichloroethene
 Concen: 9.910 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 96 Resp: 75807
 Ion Ratio Lower Upper
 96 100
 61 169.9 0.0 420.0
 98 65.2 31.8 95.3





#23

Diethyl Ether

Concen: 10.257 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

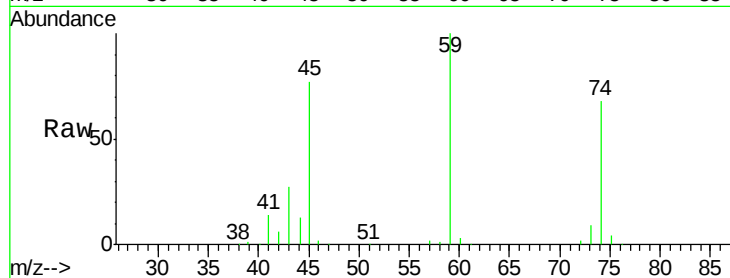
Tgt Ion: 59 Resp: 58786

Ion Ratio Lower Upper

59 100

45 76.3 62.4 93.6

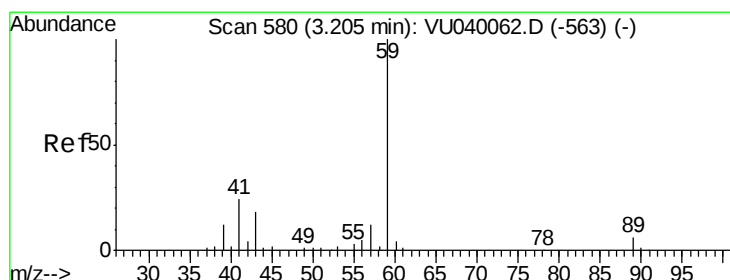
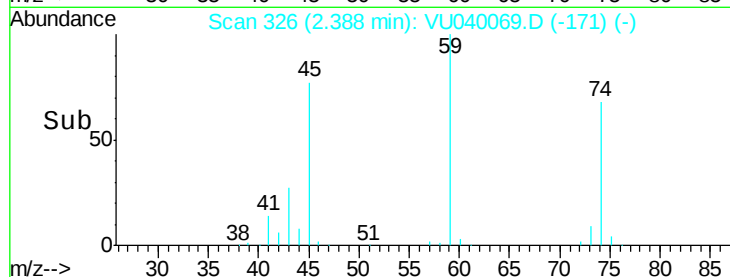
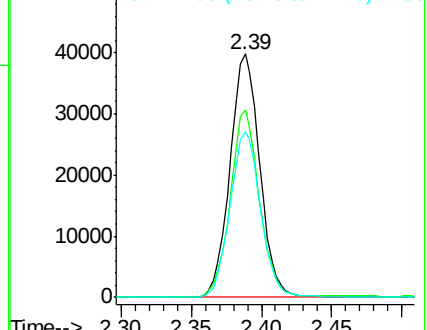
74 69.9 57.7 86.5



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 94.798 ug/l

RT: 3.25 min Scan# 594

Delta R.T. 0.04 min

Lab File: VU040069.D

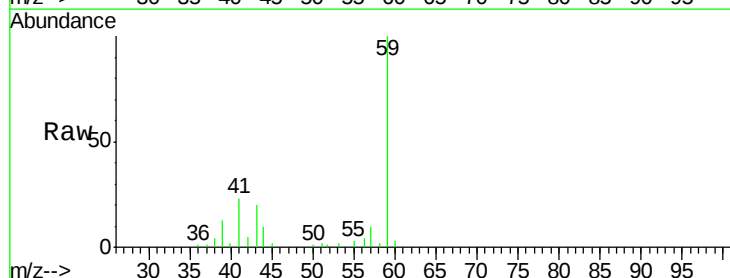
Acq: 09 Sep 2020 18:42

Tgt Ion: 59 Resp: 73121

Ion Ratio Lower Upper

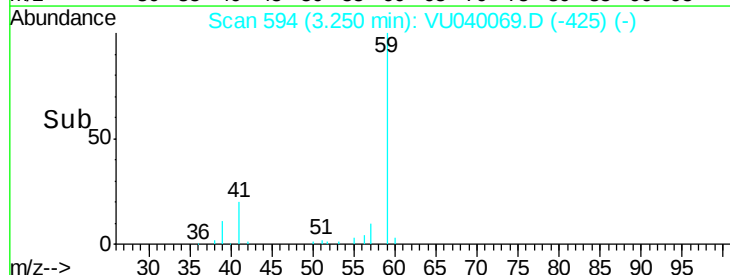
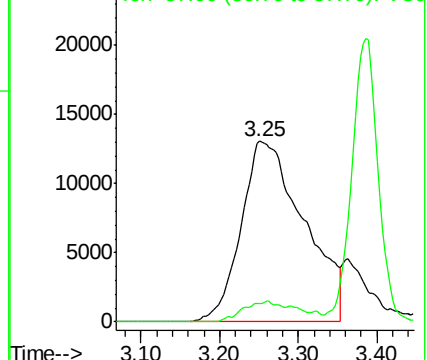
59 100

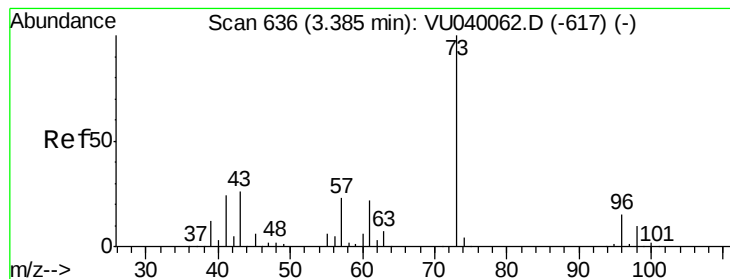
57 7.1 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 10.103 ug/l

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

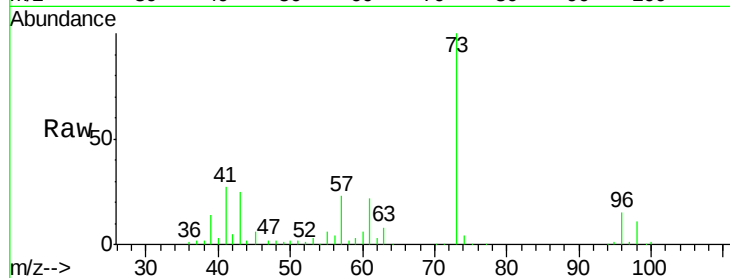
VSTDCCC010EC

Tgt Ion: 73 Resp: 203801

Ion Ratio Lower Upper

73 100

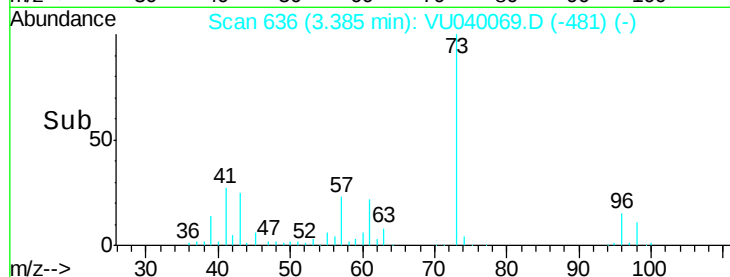
43 25.7 20.0 30.0



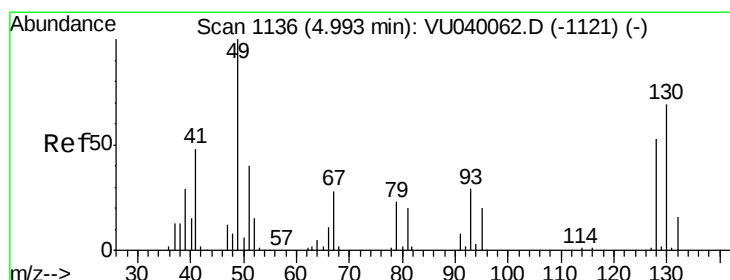
Abundance Ion 73.00 (72.70 to 73.70): VU040062.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU040062.D (-617) (-)

3.39



Time-->



#26

Bromochloromethane

Concen: 10.077 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

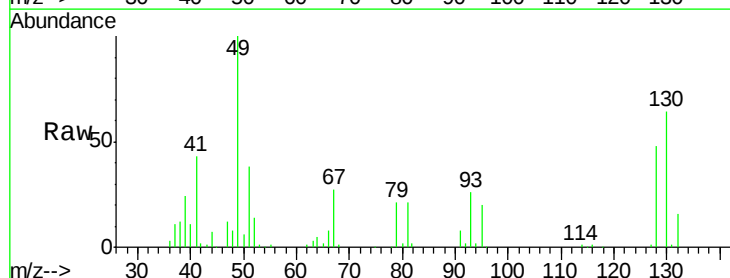
Tgt Ion: 128 Resp: 33484

Ion Ratio Lower Upper

128 100

49 206.1 0.0 390.6

130 128.6 104.9 157.3

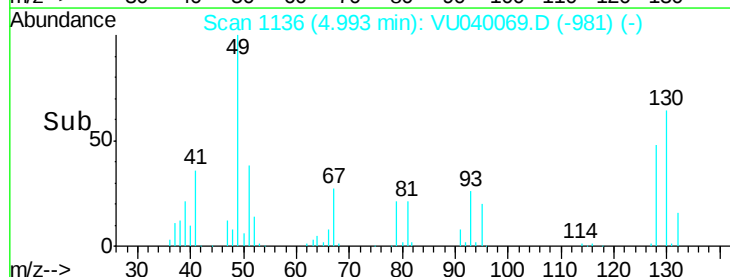


Abundance Ion 128.00 (127.70 to 128.70): VU040062.D (-1121) (-)

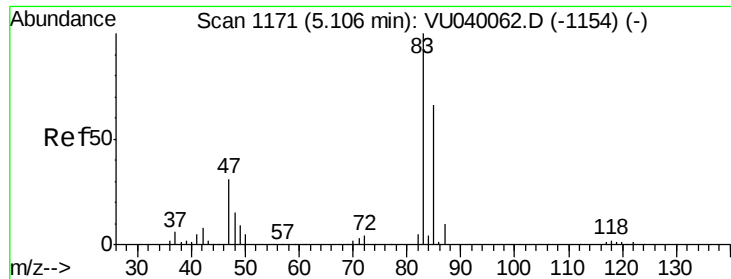
Ion 49.00 (48.70 to 49.70): VU040062.D (-1121) (-)

Ion 130.00 (129.70 to 130.70): VU040062.D (-1121) (-)

4.99



Time-->



#27

Chloroform

Concen: 10.198 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

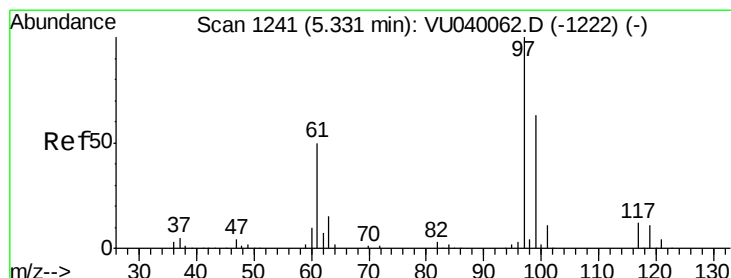
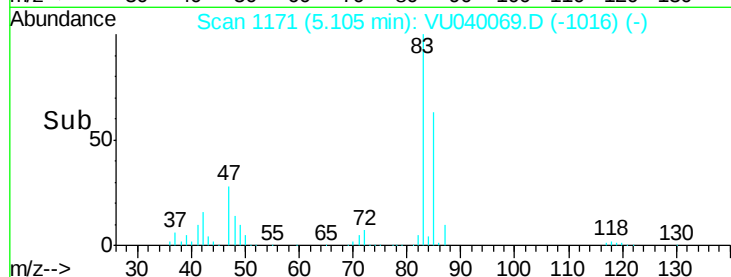
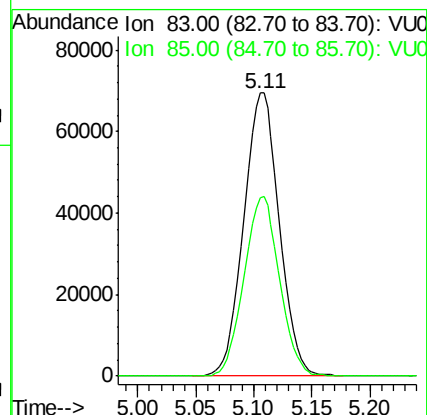
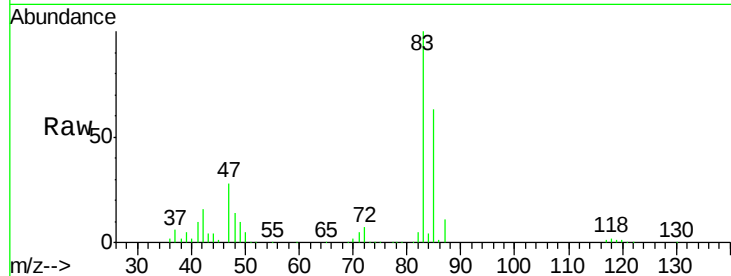
VSTDCCC010EC

Tgt Ion: 83 Resp: 148360

Ion Ratio Lower Upper

83 100

85 62.8 0.0 132.4



#28

1,1,1-Trichloroethane

Concen: 10.003 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

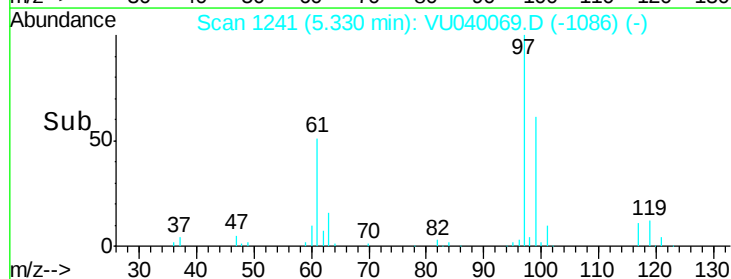
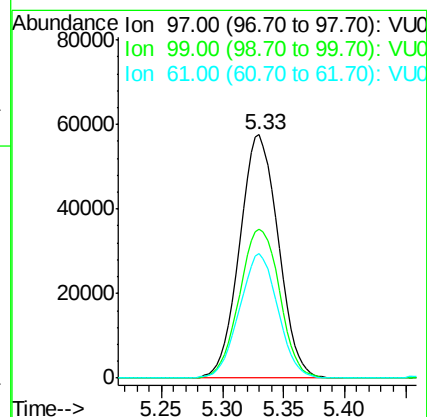
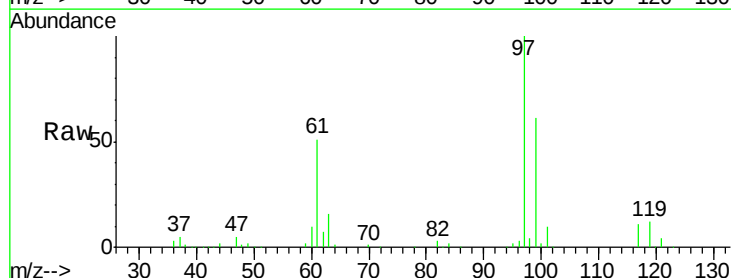
Tgt Ion: 97 Resp: 126549

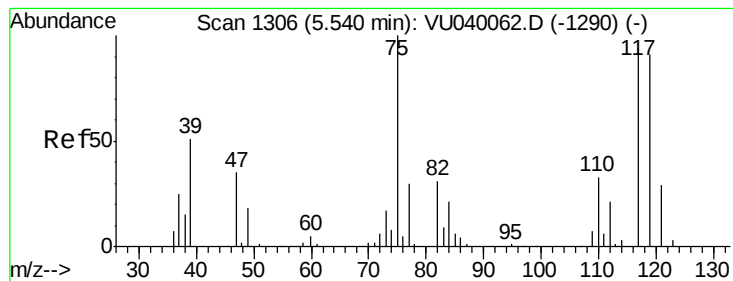
Ion Ratio Lower Upper

97 100

99 63.6 31.8 95.4

61 50.9 25.1 75.2





#29

1,1-Dichloropropene

Concen: 10.094 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

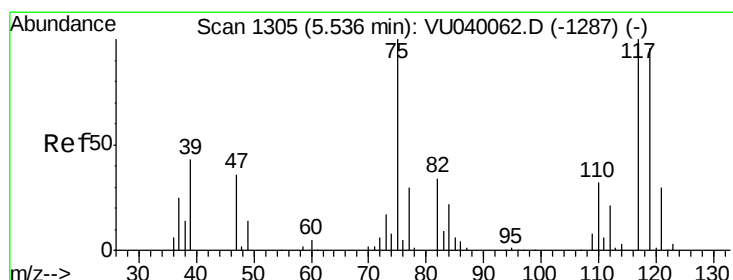
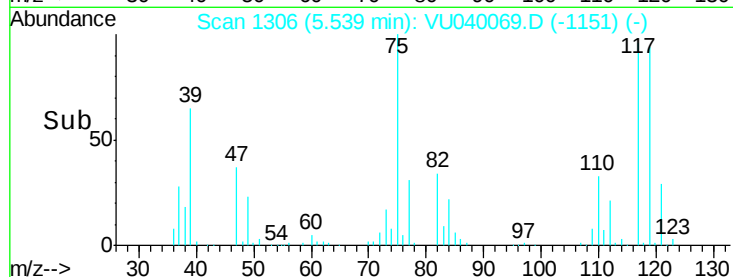
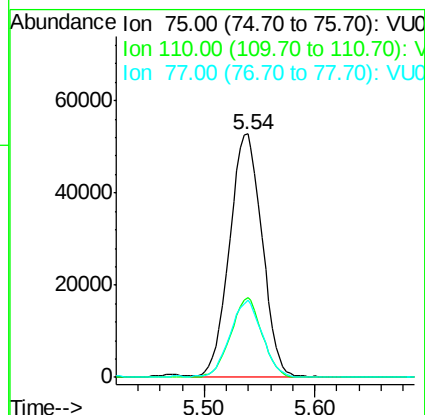
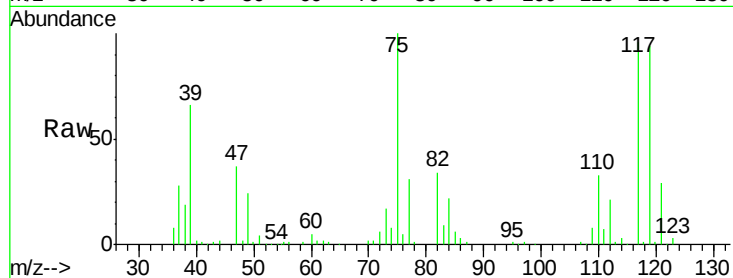
Tgt Ion: 75 Resp: 108658

Ion Ratio Lower Upper

75 100

110 31.4 16.2 48.6

77 31.4 25.3 37.9



#30

Carbon Tetrachloride

Concen: 10.093 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

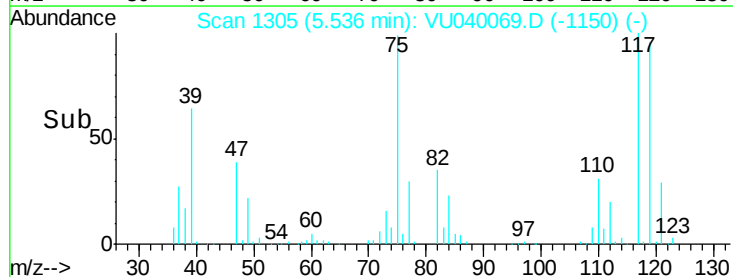
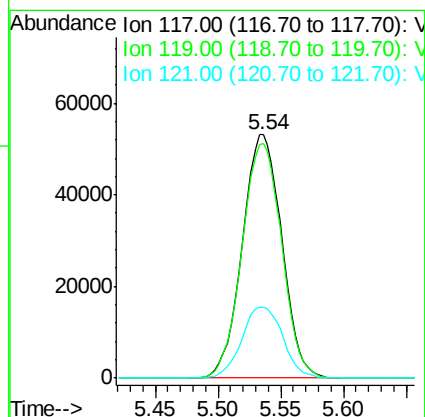
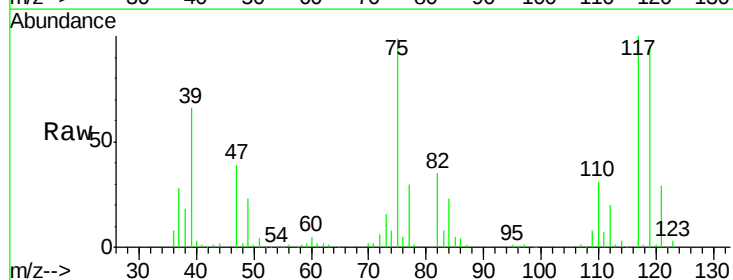
Tgt Ion: 117 Resp: 115834

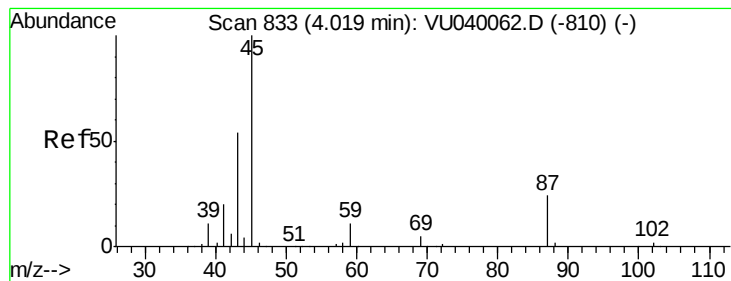
Ion Ratio Lower Upper

117 100

119 96.4 77.0 115.4

121 29.1 24.2 36.4





#31

Isopropyl Ether

Concen: 10.097 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

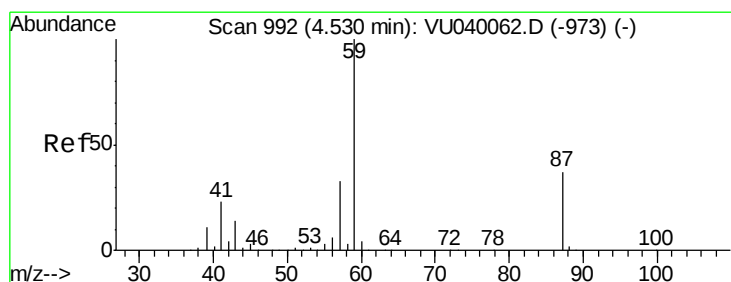
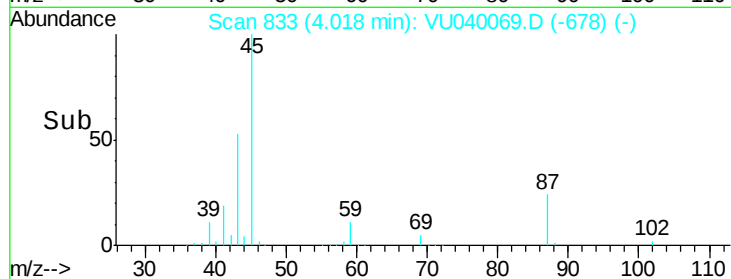
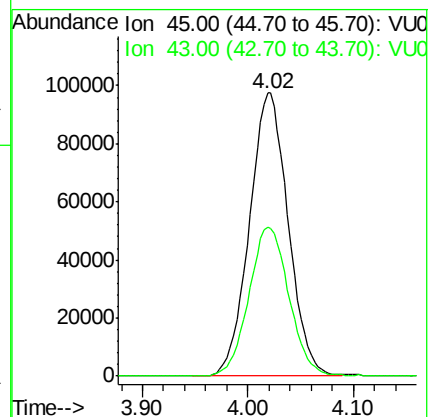
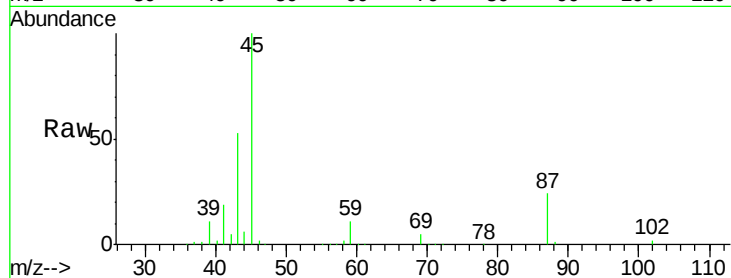
VSTDCCC010EC

Tgt Ion: 45 Resp: 249119

Ion Ratio Lower Upper

45 100

43 53.9 27.9 83.7



#32

Ethyl-t-butyl ether

Concen: 10.152 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040069.D

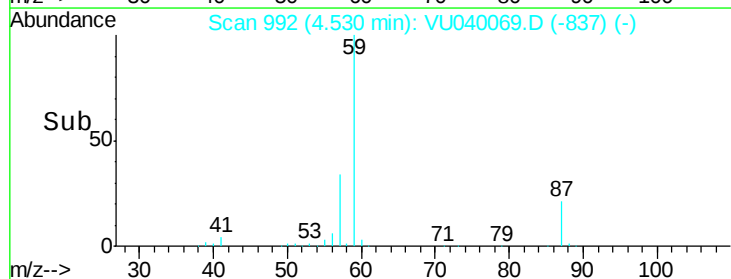
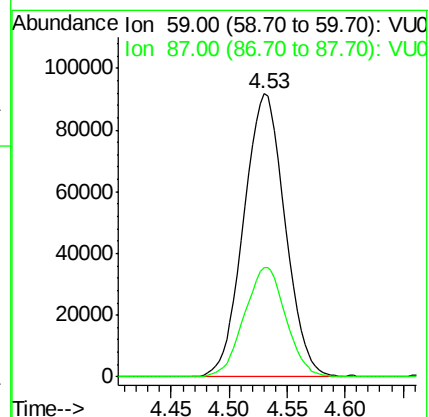
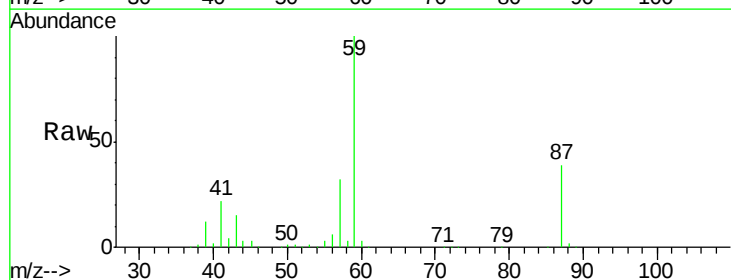
Acq: 09 Sep 2020 18:42

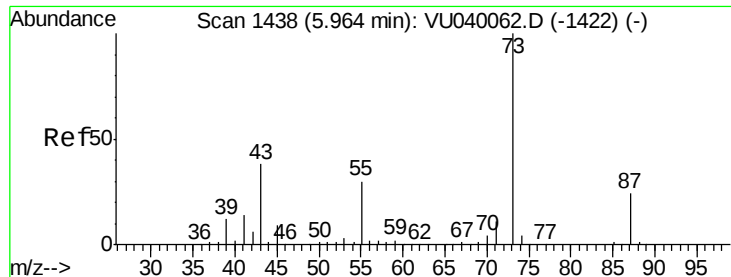
Tgt Ion: 59 Resp: 227008

Ion Ratio Lower Upper

59 100

87 38.7 30.7 46.1

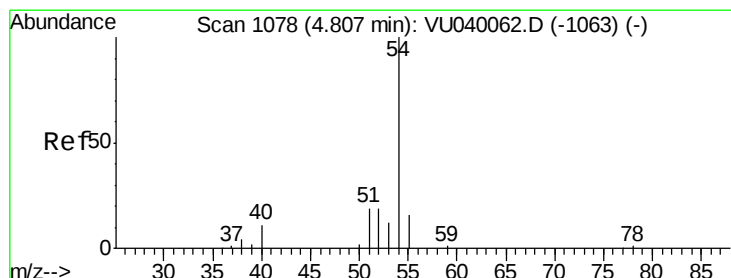
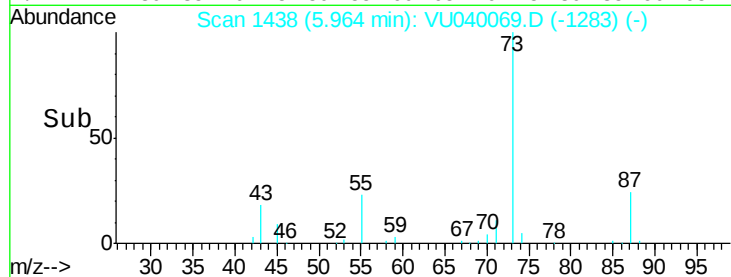
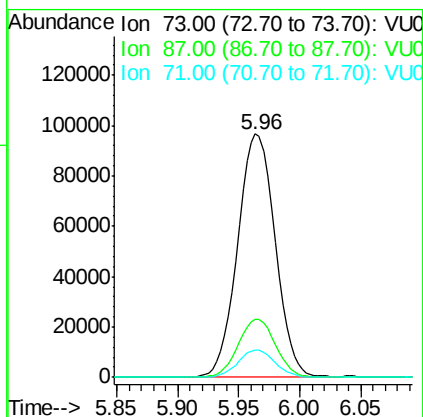
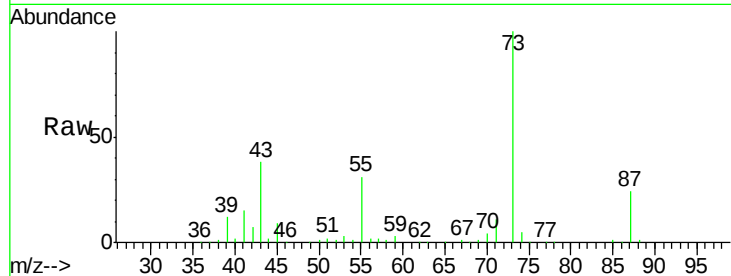




#33
 Tert-Amyl methyl ether
 Concen: 10.388 ug/l
 RT: 5.96 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

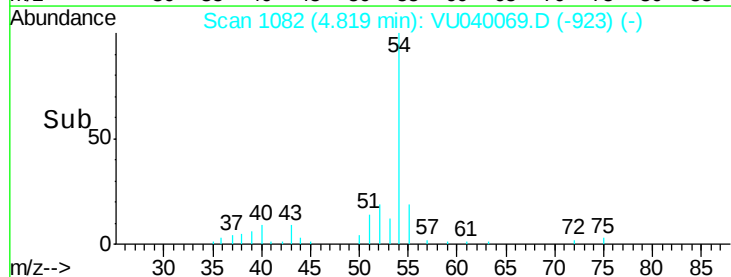
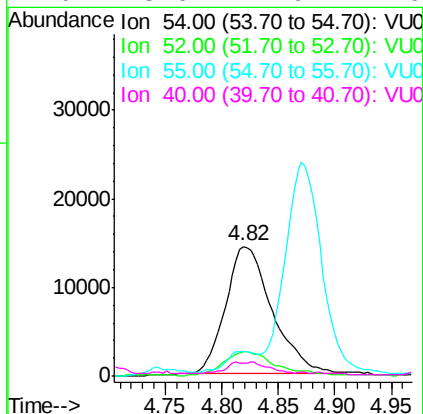
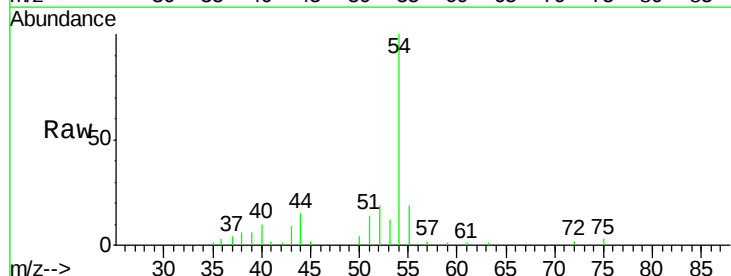
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

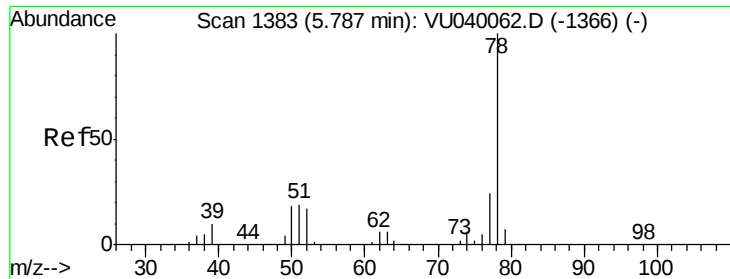
Tgt Ion: 73 Resp: 204466
 Ion Ratio Lower Upper
 73 100
 87 23.9 19.4 29.0
 71 11.1 9.2 13.8



#34
 Propionitrile
 Concen: 55.600 ug/l
 RT: 4.82 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 54 Resp: 41383
 Ion Ratio Lower Upper
 54 100
 52 21.5 16.2 24.4
 55 13.3 12.6 18.8
 40 3.6 7.9 11.9#





#35

Benzene

Concen: 10.363 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

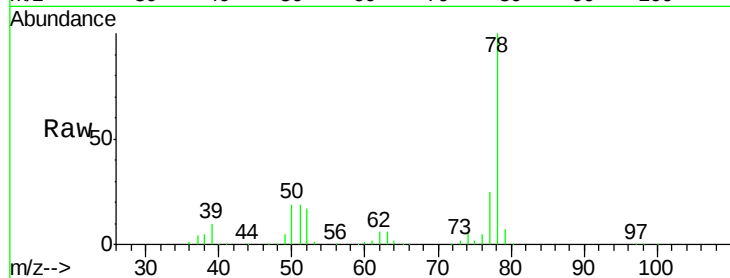
VSTDCCC010EC

Tgt Ion: 78 Resp: 308922

Ion Ratio Lower Upper

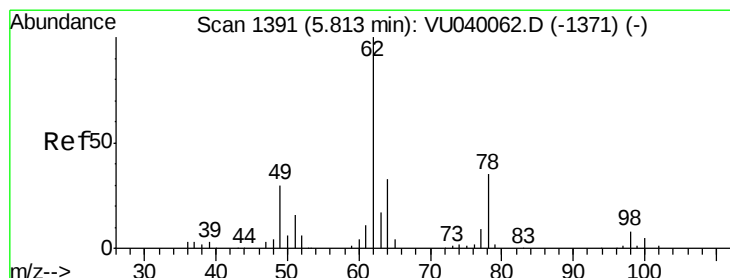
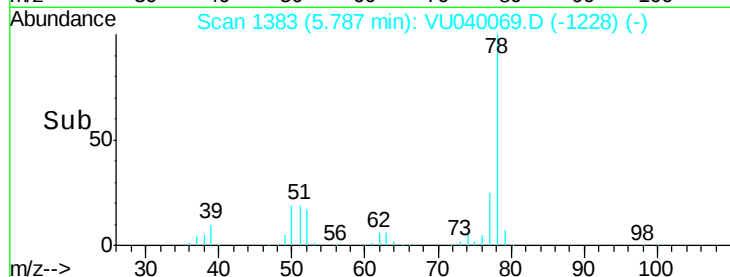
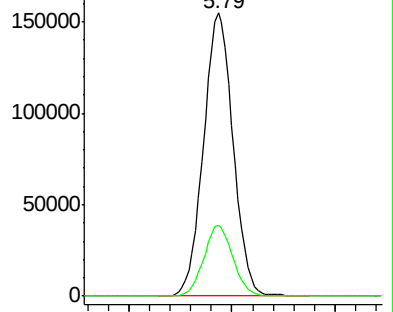
78 100

77 25.2 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU040069.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU040069.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 10.283 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040069.D

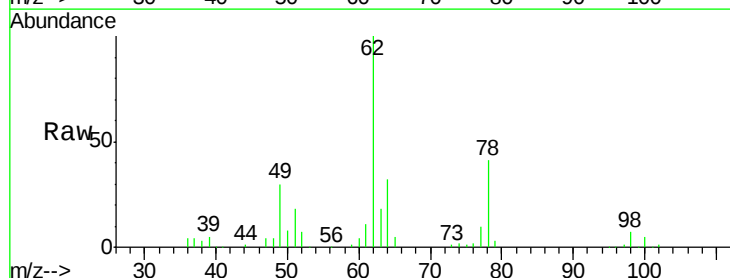
Acq: 09 Sep 2020 18:42

Tgt Ion: 62 Resp: 119246

Ion Ratio Lower Upper

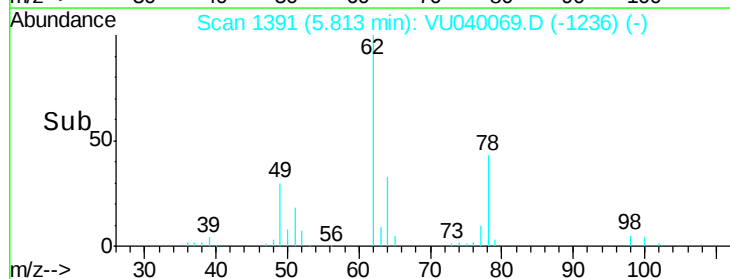
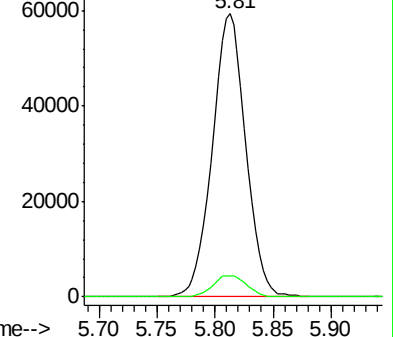
62 100

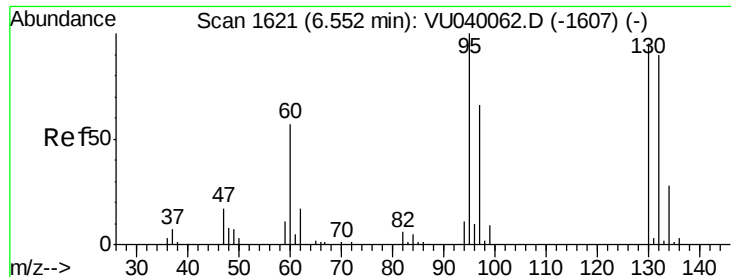
98 7.7 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU040069.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU040069.D (-1236) (-)

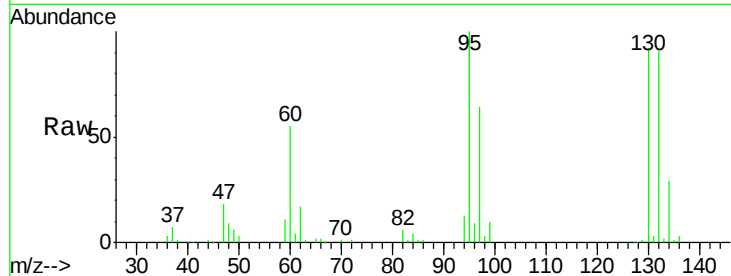




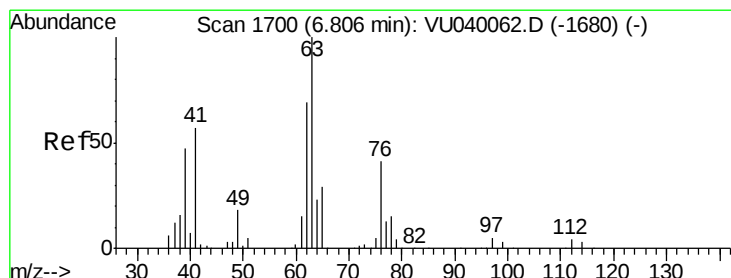
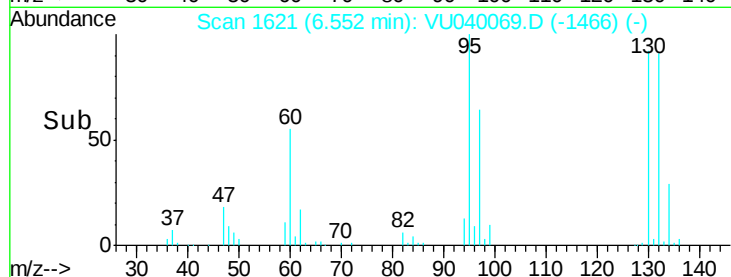
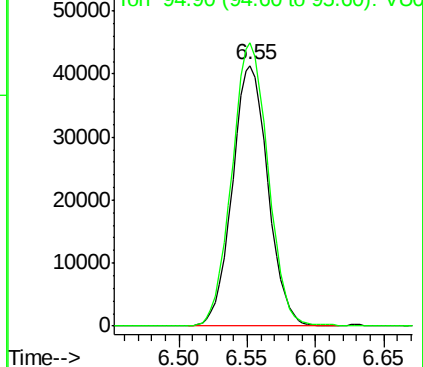
#37
 Trichloroethene
 Concen: 9.868 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 130 Resp: 74787
 Ion Ratio Lower Upper
 130 100
 95 108.5 84.2 126.2

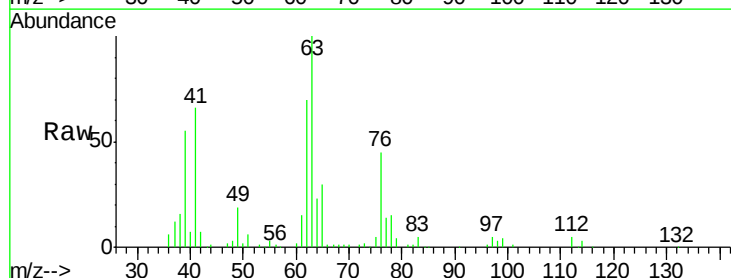


Abundance Ion 129.90 (129.60 to 130.60): VU040062.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU040062.D (-1607) (-)

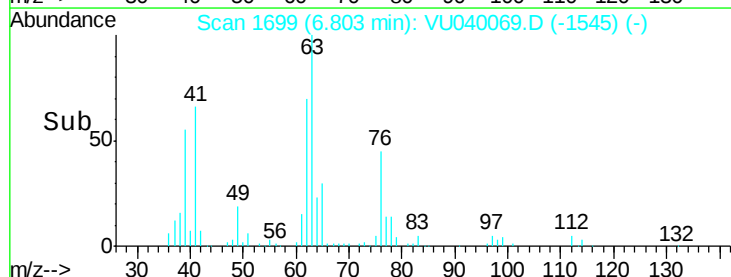
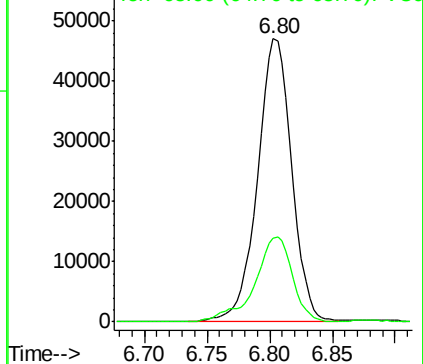


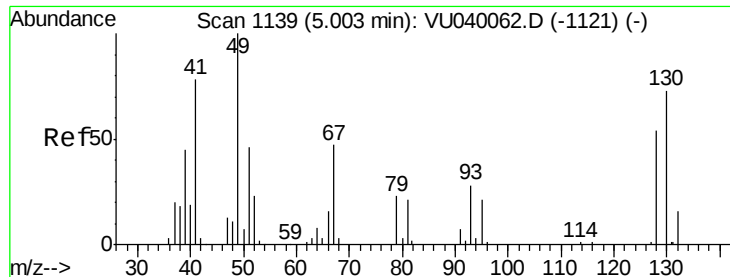
#38
 1,2-Dichloropropane
 Concen: 10.348 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 63 Resp: 89312
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.0 34.6



Abundance Ion 63.00 (62.70 to 63.70): VU040062.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU040062.D (-1680) (-)

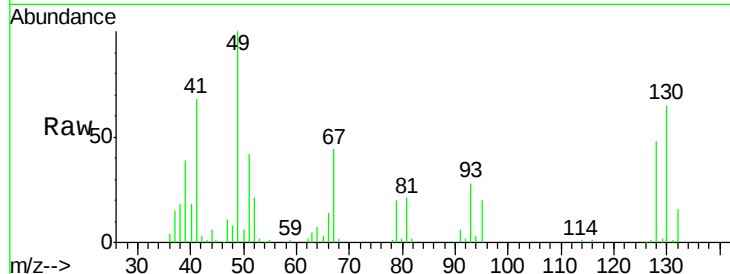




#39
Methacrylonitrile
Concen: 9.517 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	41	Resp:	37898
Ion	Ratio	Lower	Upper
41	100		
67	63.3	49.2	73.8
39	57.5	46.5	69.7
52	32.1	25.5	38.3



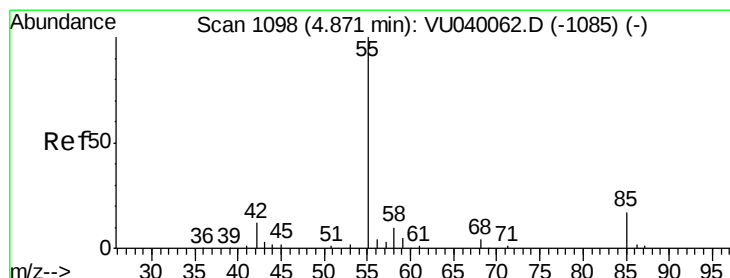
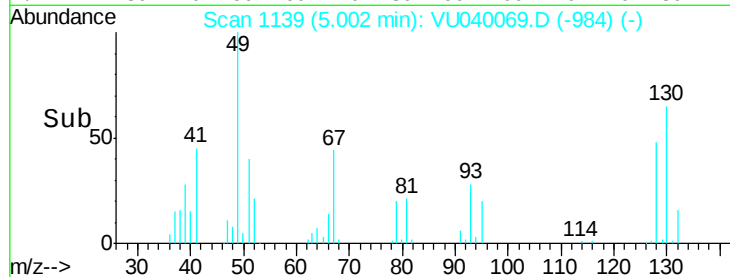
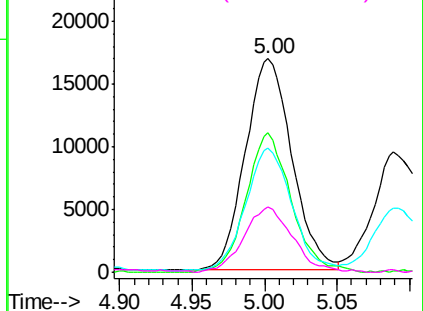
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

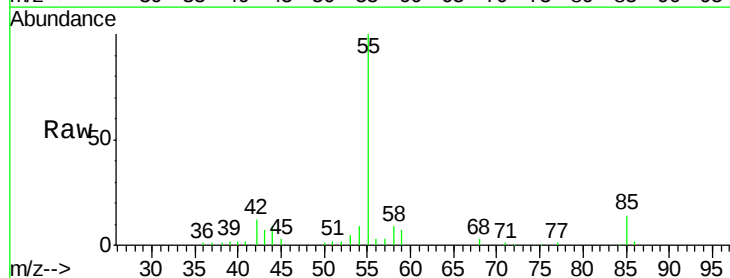
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 10.679 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion:	55	Resp:	54536
Ion	Ratio	Lower	Upper
55	100		
85	14.1	13.3	19.9
58	8.4	7.5	11.3
42	11.8	8.9	13.3



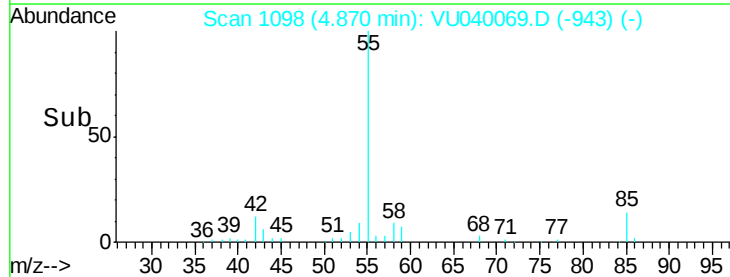
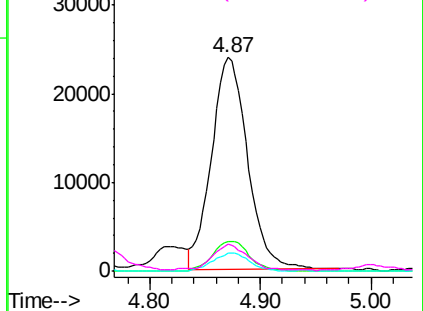
Abundance

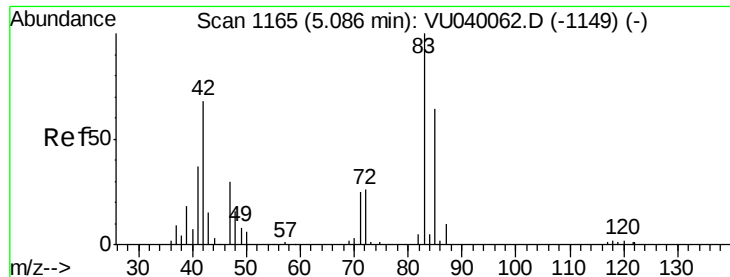
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 19.919 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

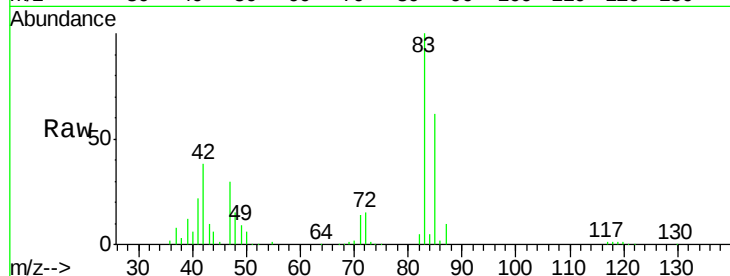
Tgt Ion: 42 Resp: 38109

Ion Ratio Lower Upper

42 100

72 41.5 33.8 50.6

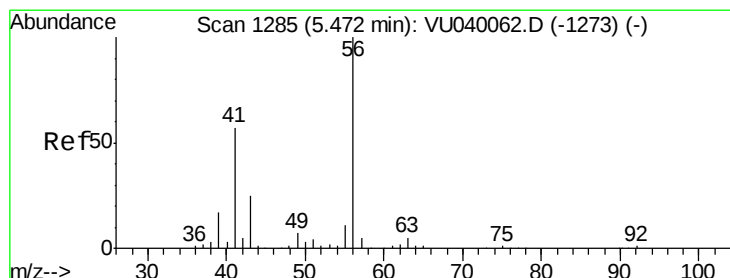
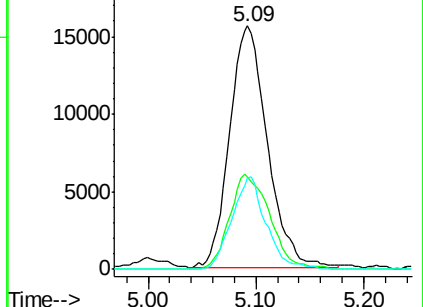
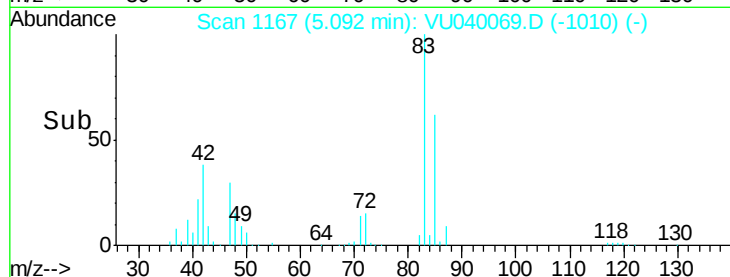
71 34.6 30.9 46.3



Abundance Ion 42.00 (41.70 to 42.70): VU040069.D (-1167) (-)

Ion 72.00 (71.70 to 72.70): VU040069.D (-1167) (-)

Ion 71.00 (70.70 to 71.70): VU040069.D (-1167) (-)



#42

1-Chlorobutane

Concen: 10.202 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU040069.D

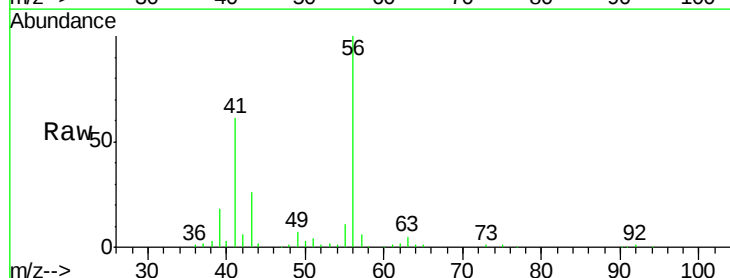
Acq: 09 Sep 2020 18:42

Tgt Ion: 56 Resp: 162276

Ion Ratio Lower Upper

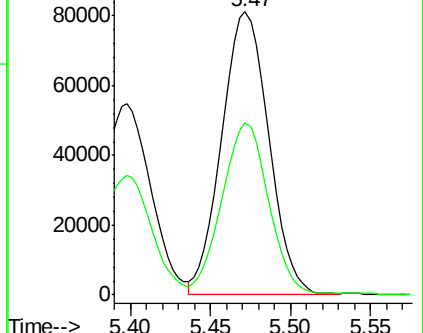
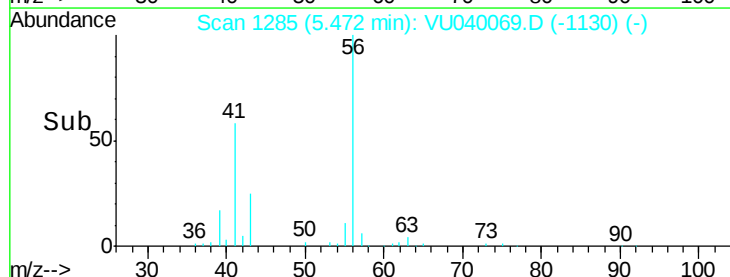
56 100

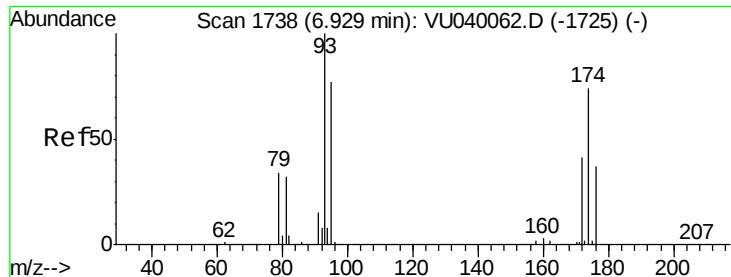
41 60.5 29.2 87.6



Abundance Ion 56.00 (55.70 to 56.70): VU040069.D (-1285) (-)

Ion 41.00 (40.70 to 41.70): VU040069.D (-1285) (-)





#43

Dibromomethane

Concen: 10.107 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

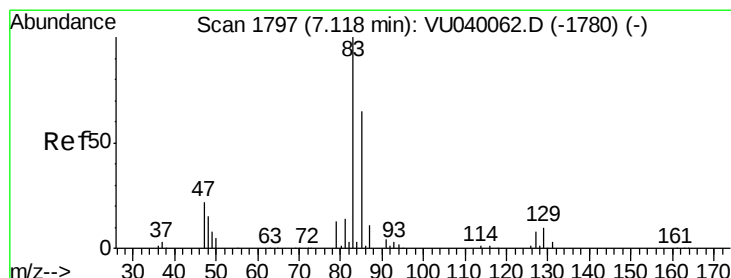
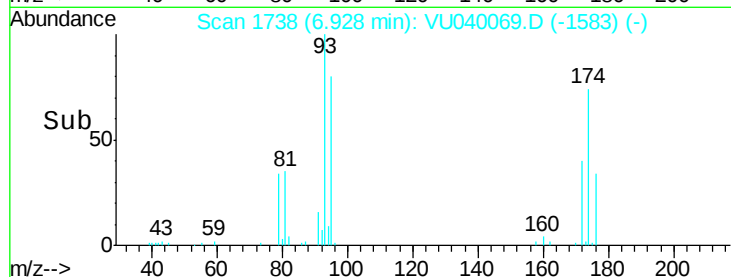
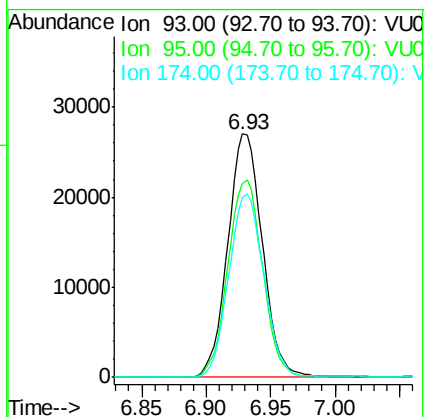
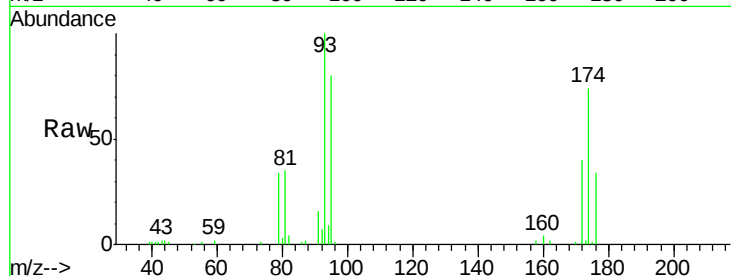
Tgt Ion: 93 Resp: 50411

Ion Ratio Lower Upper

93 100

95 81.3 63.3 94.9

174 76.2 63.5 95.3



#44

Bromodichloromethane

Concen: 10.104 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

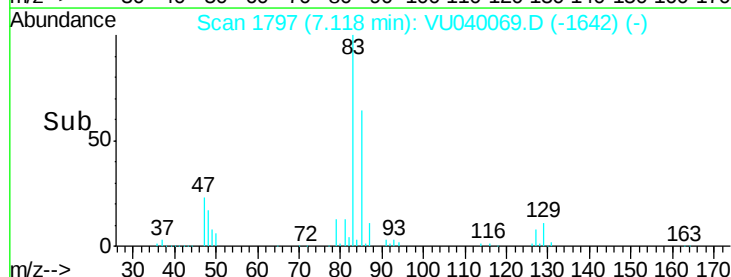
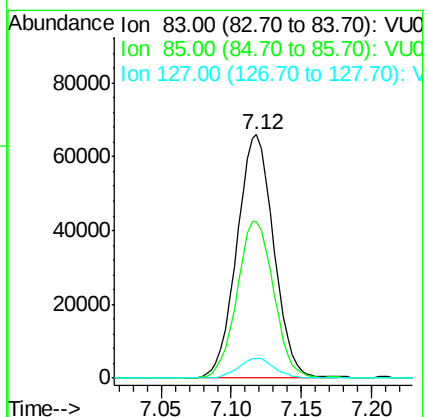
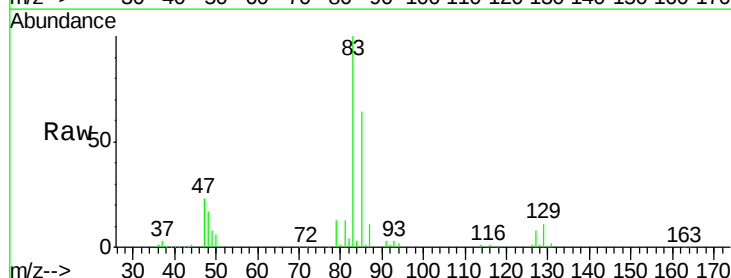
Tgt Ion: 83 Resp: 120975

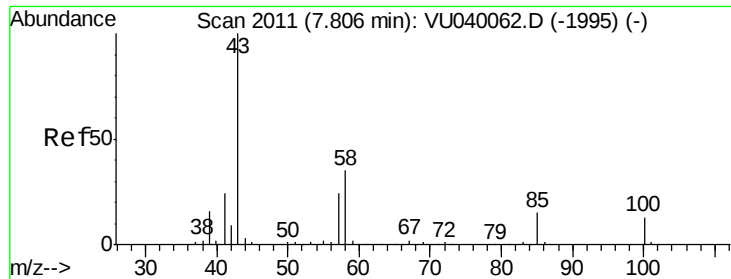
Ion Ratio Lower Upper

83 100

85 64.4 52.1 78.1

127 8.2 6.6 9.8

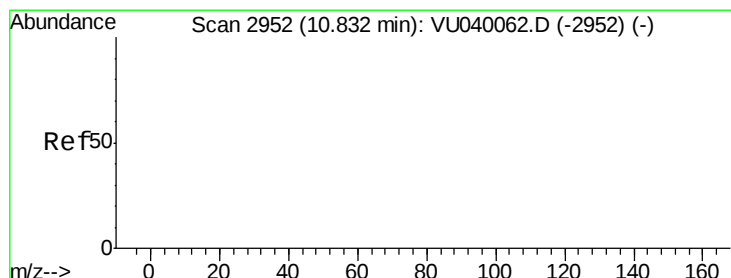
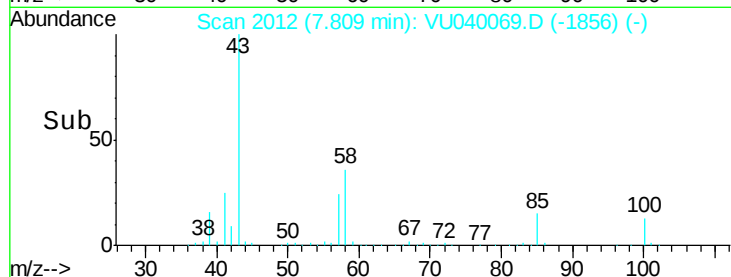
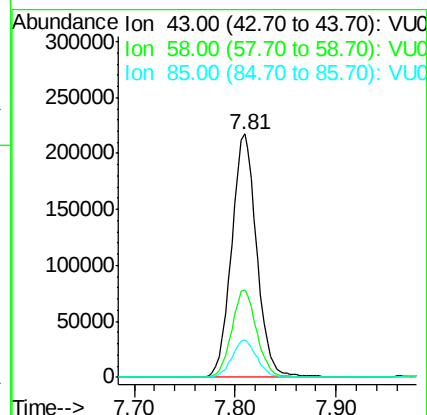
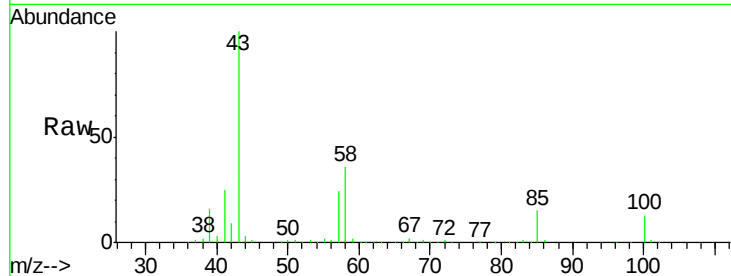




#45
4-Methyl-2-Pentanone
Concen: 55.702 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

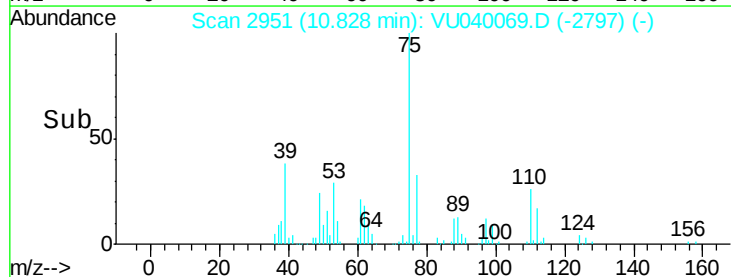
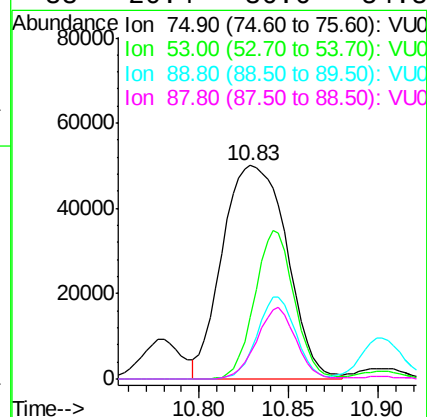
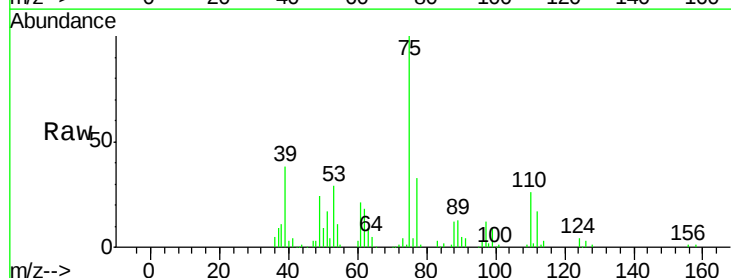
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

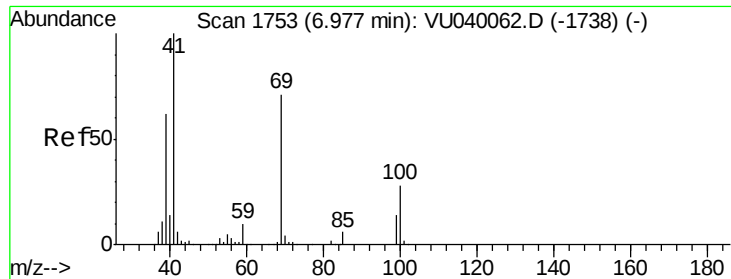
Tgt Ion: 43 Resp: 378489
Ion Ratio Lower Upper
43 100
58 35.9 18.1 54.3
85 15.1 12.3 18.5



#46
t-1,4-Dichloro-2-butene
Concen: 48.481 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion: 75 Resp: 126034
Ion Ratio Lower Upper
75 100
53 43.1 75.0 112.6#
89 23.3 41.6 62.4#
88 20.4 36.6 54.8#

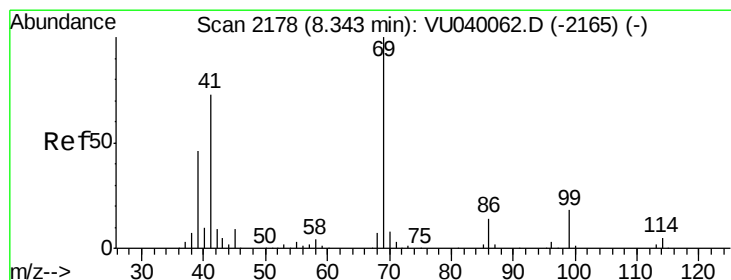
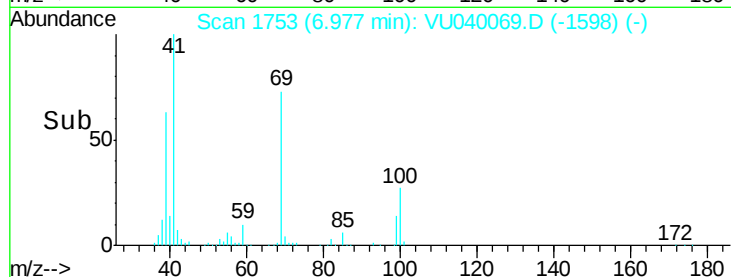
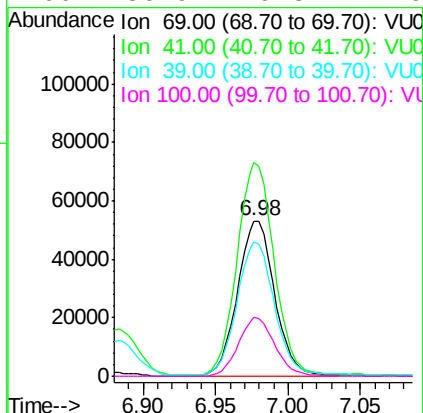
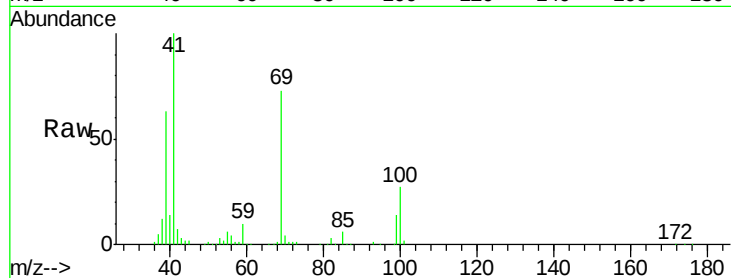




#47
Methyl methacrylate
Concen: 22.162 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

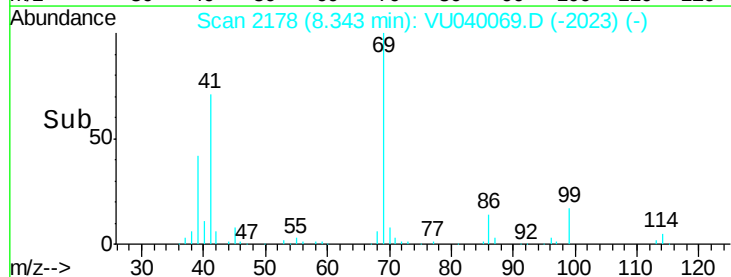
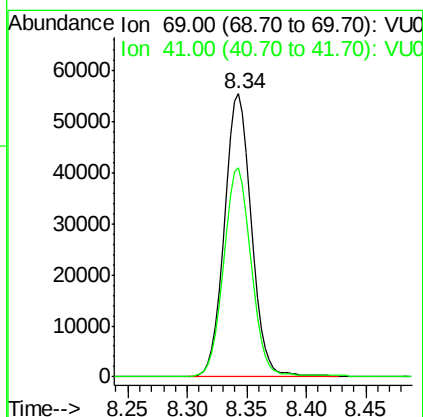
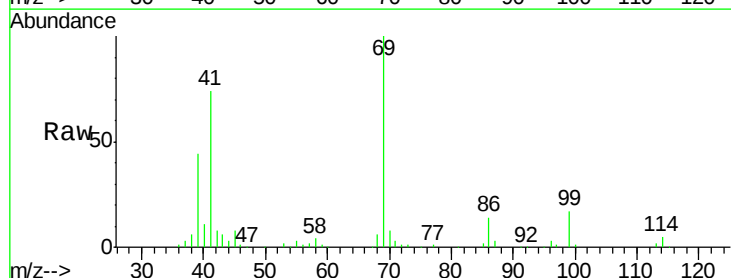
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

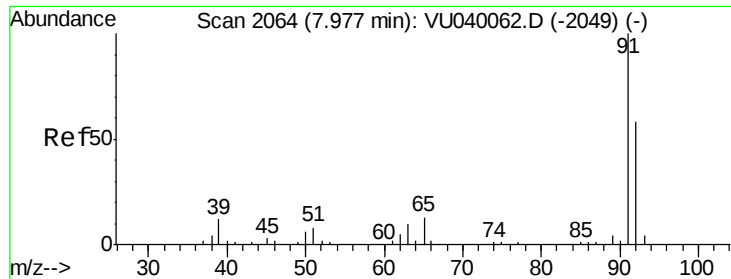
Tgt Ion: 69 Resp: 94755
Ion Ratio Lower Upper
69 100
41 136.4 0.0 273.0
39 86.3 67.8 101.6
100 36.9 29.8 44.6



#48
Ethyl methacrylate
Concen: 11.274 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion: 69 Resp: 87591
Ion Ratio Lower Upper
69 100
41 76.2 37.8 113.3





#49

Toluene

Concen: 10.895 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

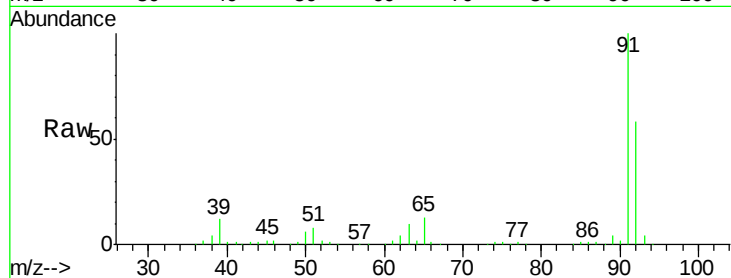
VSTDCCC010EC

Tgt Ion: 92 Resp: 196293

Ion Ratio Lower Upper

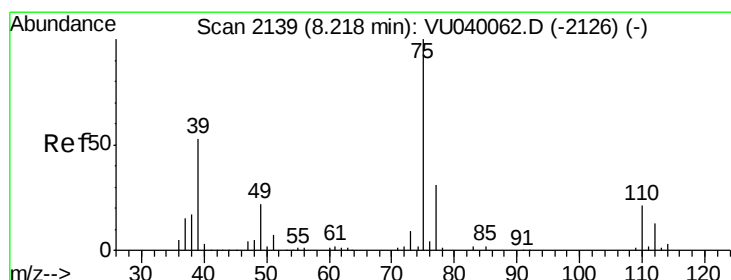
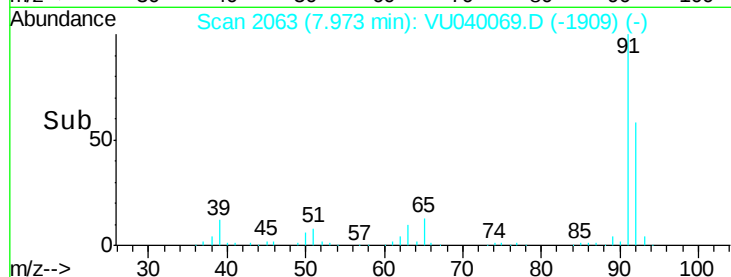
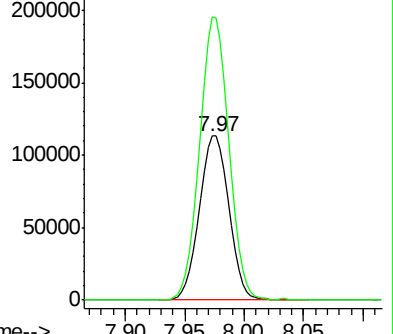
92 100

91 169.2 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 10.952 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040069.D

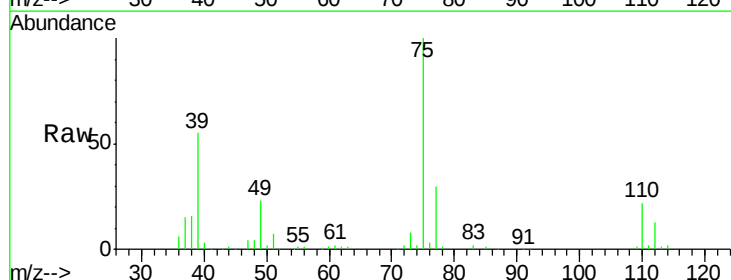
Acq: 09 Sep 2020 18:42

Tgt Ion: 75 Resp: 118272

Ion Ratio Lower Upper

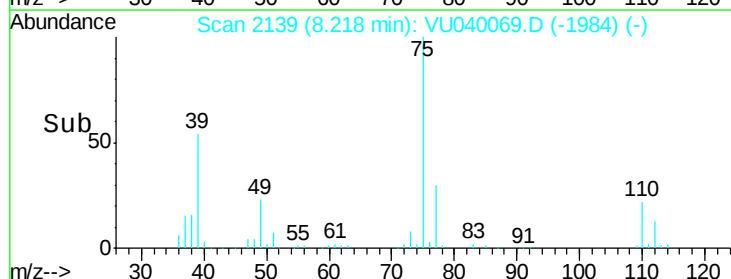
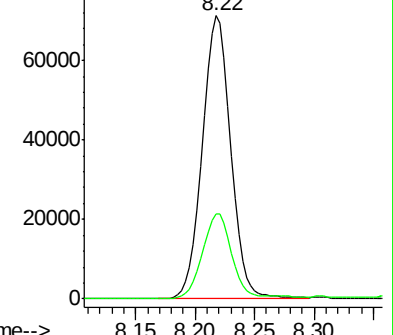
75 100

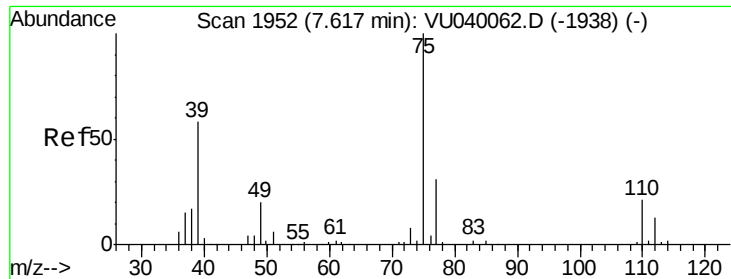
77 30.2 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



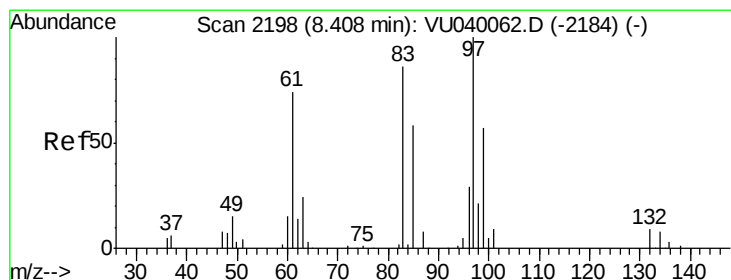
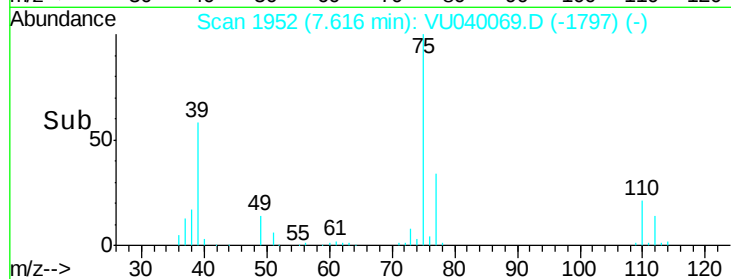
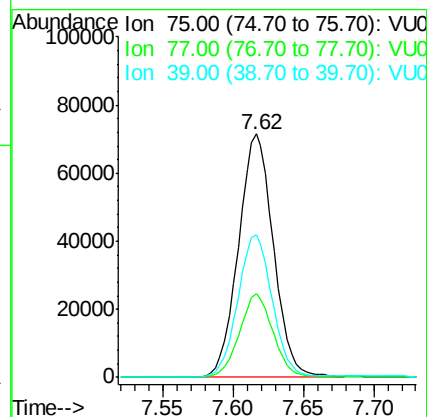
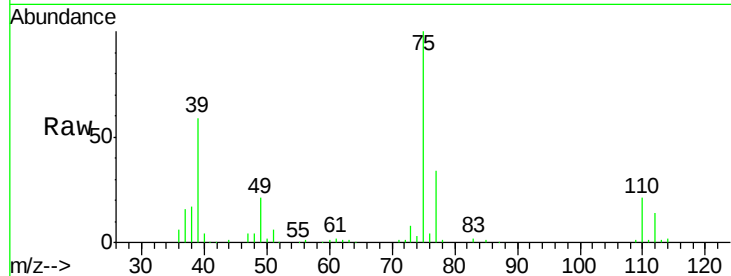


#51

cis-1,3-Dichloropropene
Concen: 10.332 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

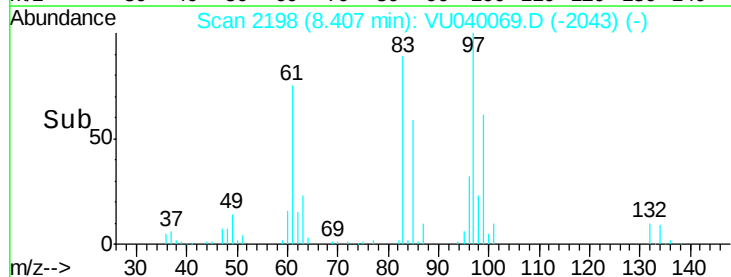
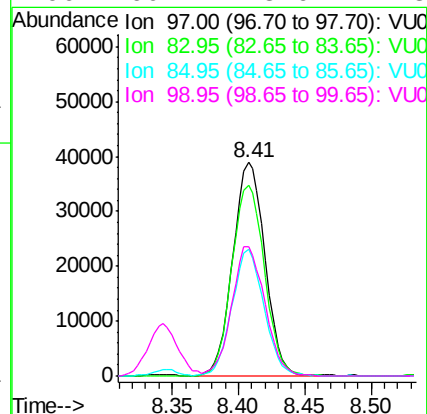
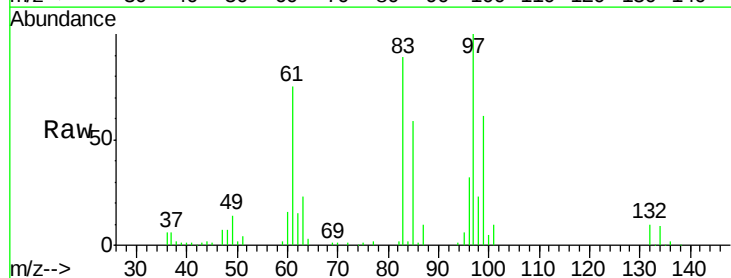
Tgt Ion: 75 Resp: 124224
Ion Ratio Lower Upper
75 100
77 34.3 24.6 37.0
39 58.7 46.2 69.4

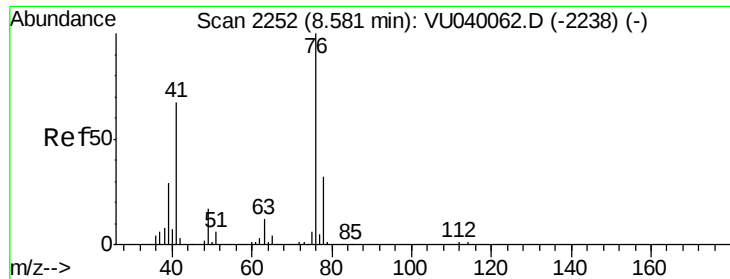


#52

1,1,2-Trichloroethane
Concen: 10.287 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion: 97 Resp: 65732
Ion Ratio Lower Upper
97 100
83 89.4 68.7 103.1
85 59.2 46.7 70.1
99 60.7 48.6 72.8





#53

1,3-Dichloropropane

Concen: 10.532 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

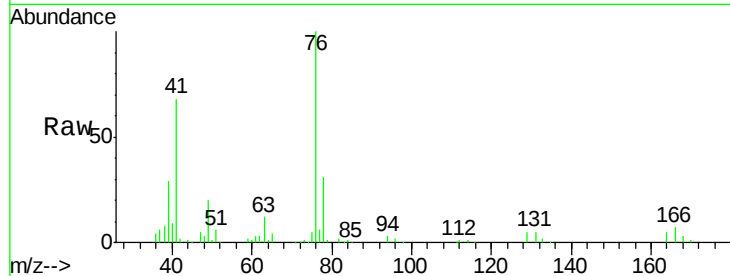
VSTDCCC010EC

Tgt Ion: 76 Resp: 120820

Ion Ratio Lower Upper

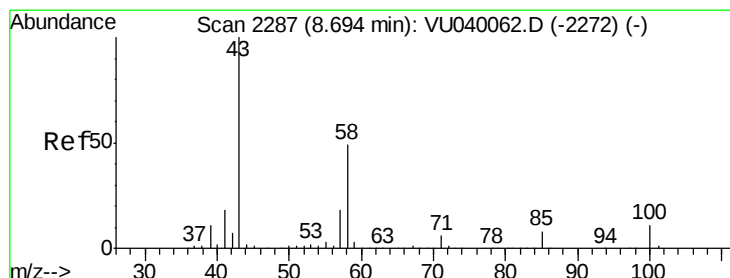
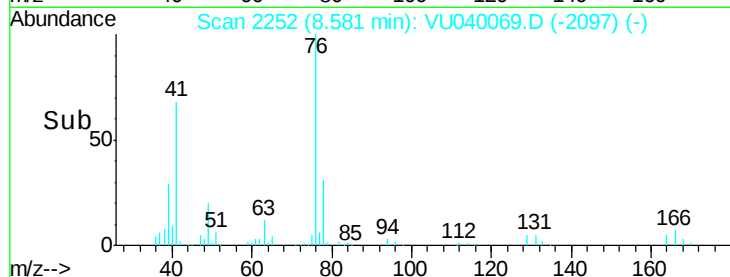
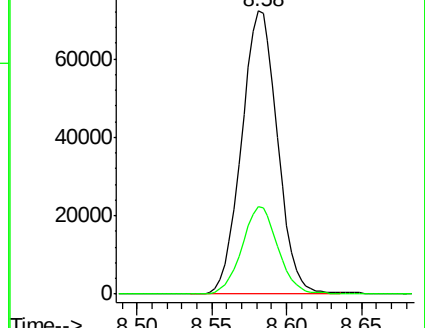
76 100

78 31.1 26.2 39.2



Abundance Ion 76.00 (75.70 to 76.70): VU040069.D (-2097) (-)

Ion 78.00 (77.70 to 78.70): VU040069.D (-2097) (-)



#54

2-Hexanone

Concen: 54.827 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

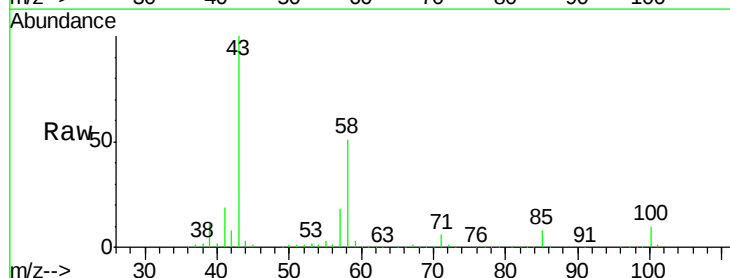
Tgt Ion: 43 Resp: 270077

Ion Ratio Lower Upper

43 100

58 50.3 29.6 69.6

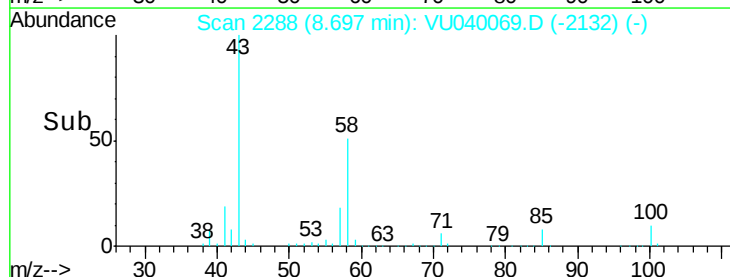
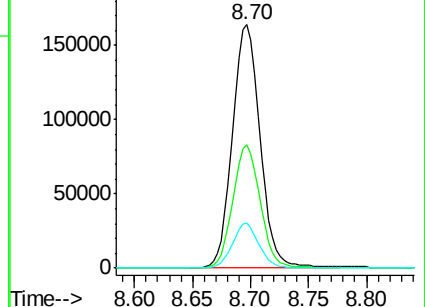
57 17.8 0.0 37.8

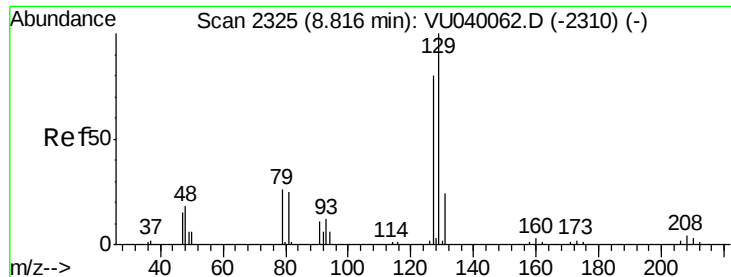


Abundance Ion 43.00 (42.70 to 43.70): VU040069.D (-2132) (-)

Ion 58.00 (57.70 to 58.70): VU040069.D (-2132) (-)

Ion 57.00 (56.70 to 57.70): VU040069.D (-2132) (-)





#55

Dibromochloromethane

Concen: 10.709 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

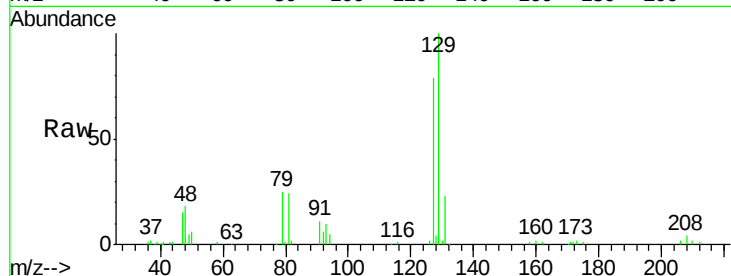
VSTDCCC010EC

Tgt Ion:129 Resp: 79843

Ion Ratio Lower Upper

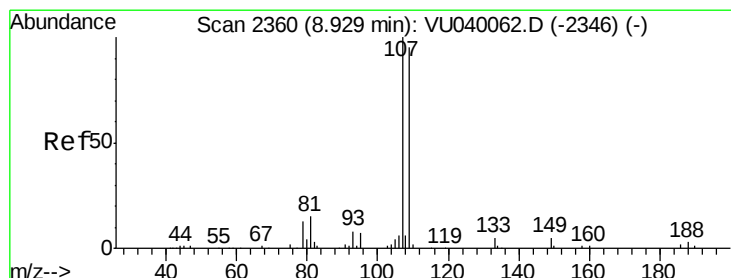
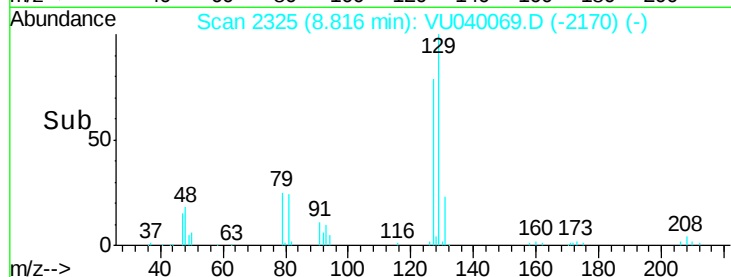
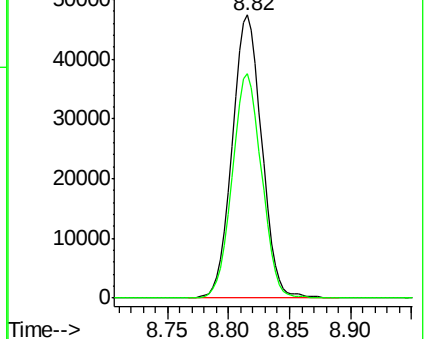
129 100

127 78.8 62.7 94.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.688 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040069.D

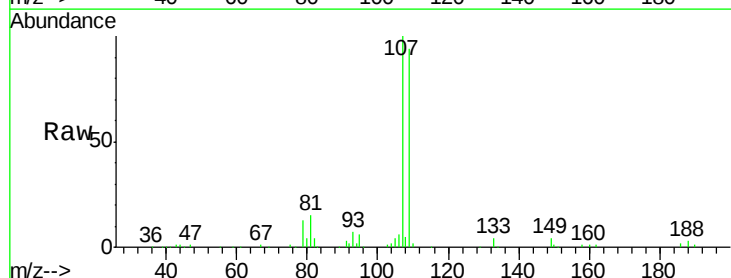
Acq: 09 Sep 2020 18:42

Tgt Ion:107 Resp: 63781

Ion Ratio Lower Upper

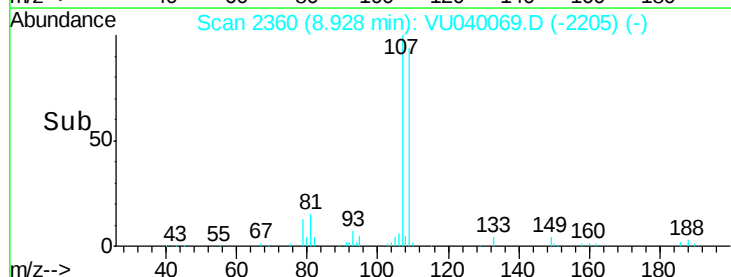
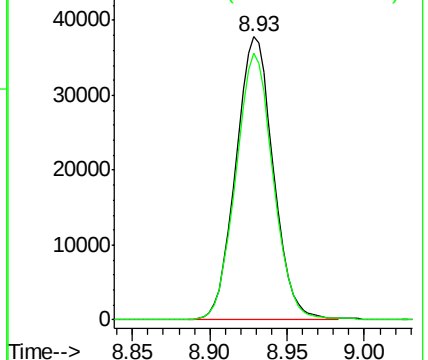
107 100

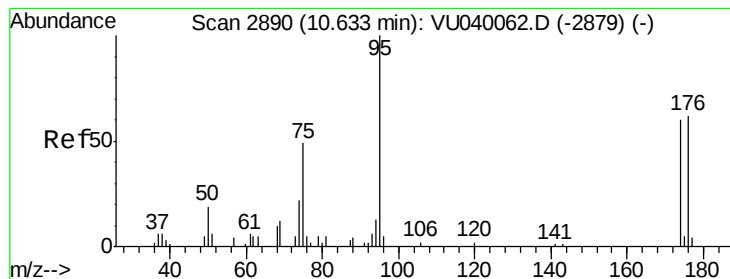
109 93.7 0.0 191.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.940 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

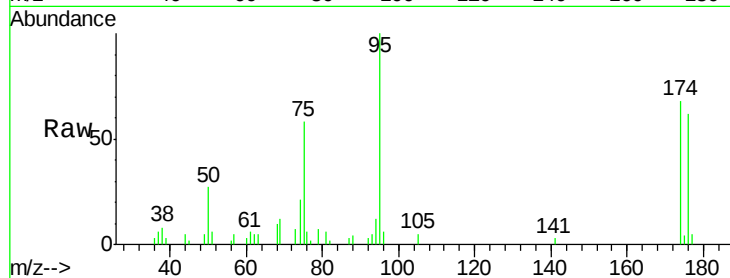
Tgt Ion: 95 Resp: 10731

Ion Ratio Lower Upper

95 100

174 67.8 49.4 74.0

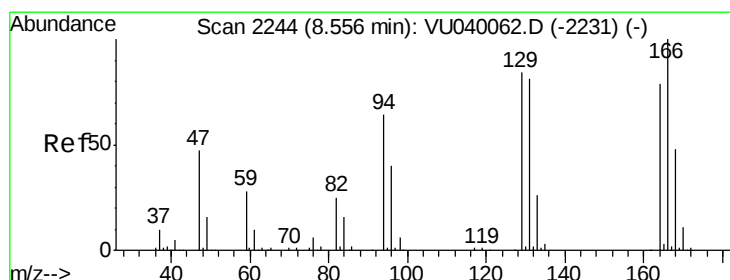
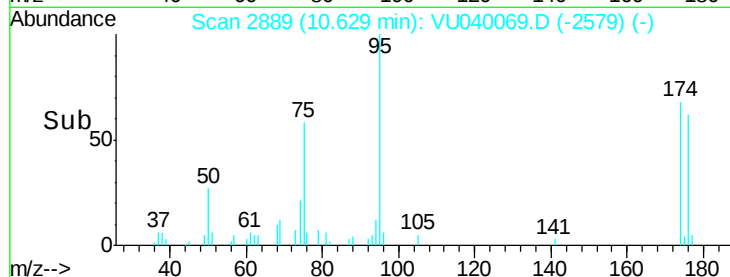
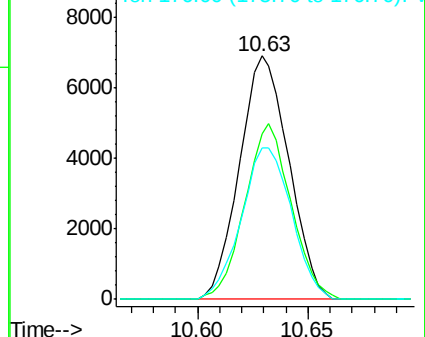
176 63.7 50.1 75.1



Abundance Ion 95.00 (94.70 to 95.70): VU040069.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU040069.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU040069.D (-2579) (-)



#58

Tetrachloroethene

Concen: 10.042 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Tgt Ion: 164 Resp: 73864

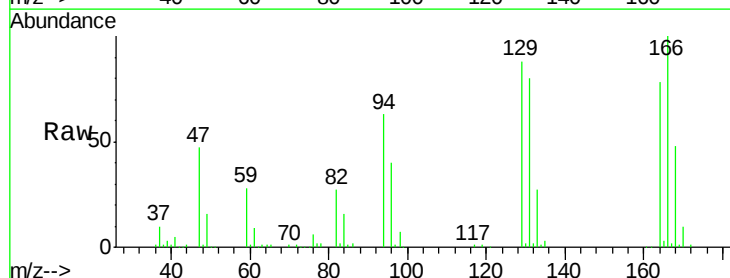
Ion Ratio Lower Upper

164 100

166 127.9 101.3 151.9

129 112.0 84.8 127.2

131 102.9 81.8 122.6

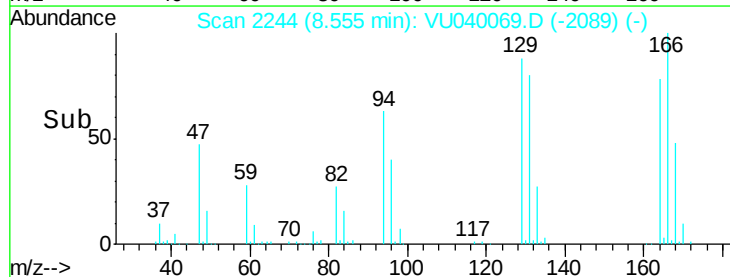
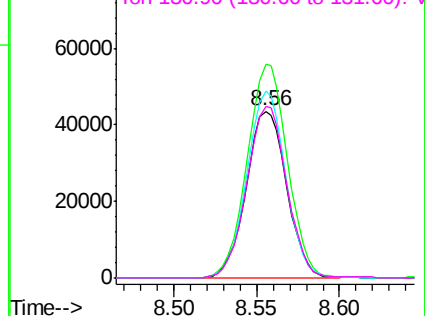


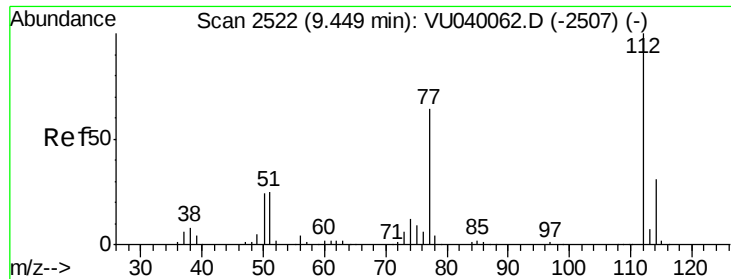
Abundance Ion 163.85 (163.55 to 164.55): VU040069.D (-2089) (-)

Ion 165.80 (165.50 to 166.50): VU040069.D (-2089) (-)

Ion 128.90 (128.60 to 129.60): VU040069.D (-2089) (-)

Ion 130.90 (130.60 to 131.60): VU040069.D (-2089) (-)





#59

Chlorobenzene

Concen: 10.460 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

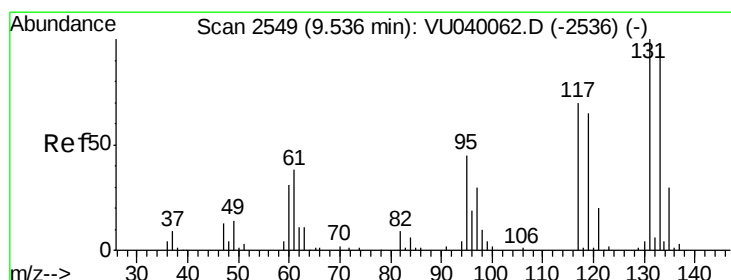
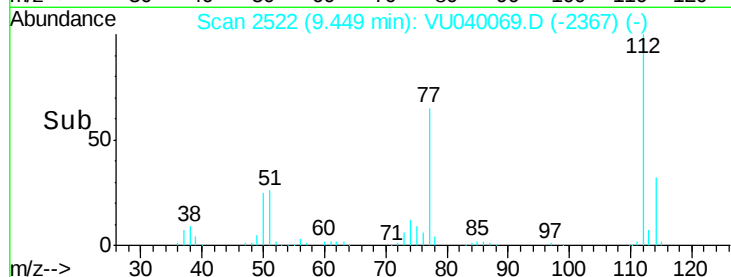
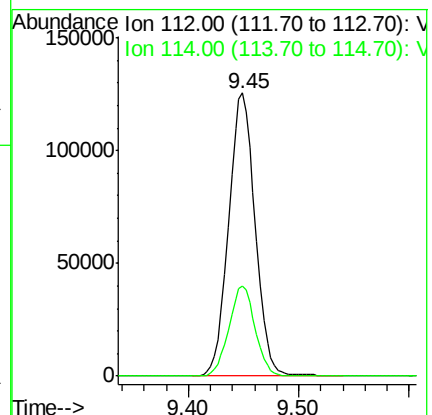
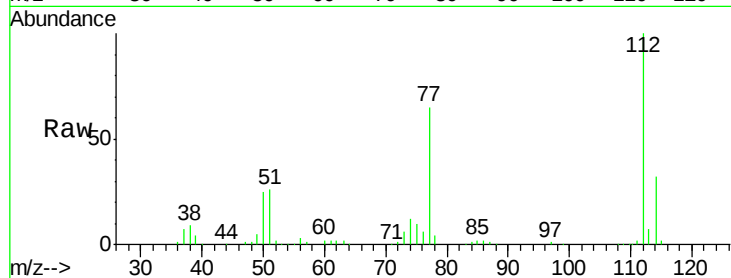
VSTDCCC010EC

Tgt Ion:112 Resp: 208993

Ion Ratio Lower Upper

112 100

114 31.9 24.8 37.2



#60

1,1,1,2-Tetrachloroethane

Concen: 10.398 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

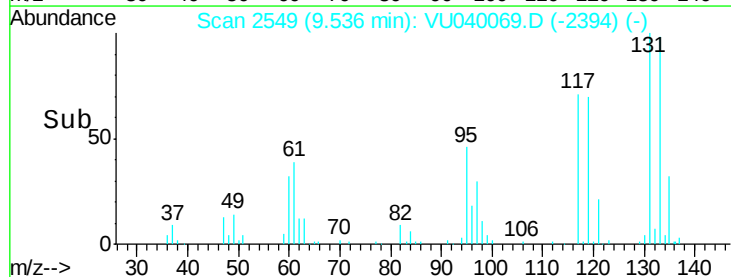
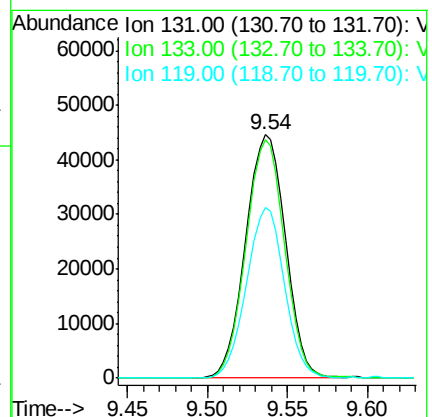
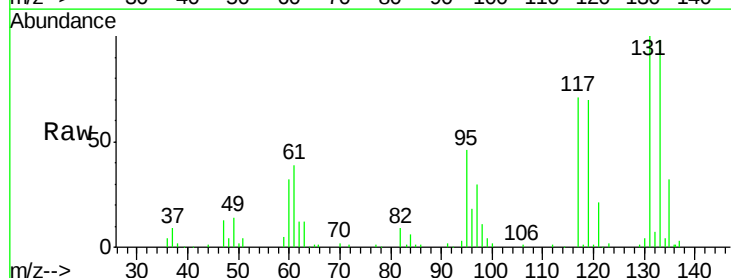
Tgt Ion:131 Resp: 76082

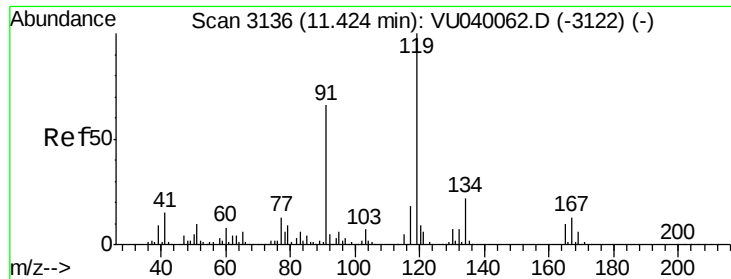
Ion Ratio Lower Upper

131 100

133 94.9 75.4 113.2

119 66.5 51.5 77.3





#61

Pentachloroethane

Concen: 10.131 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

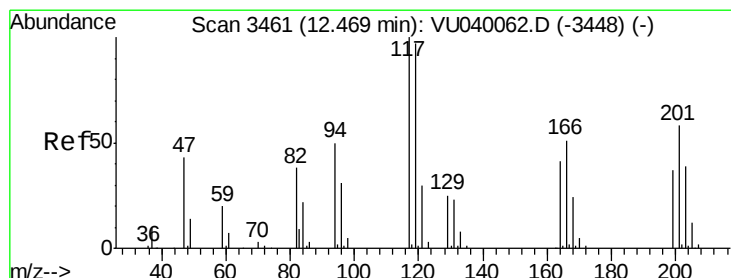
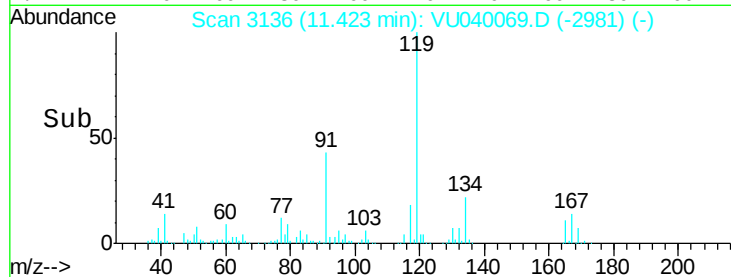
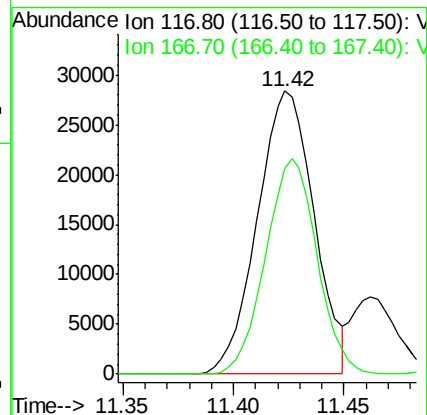
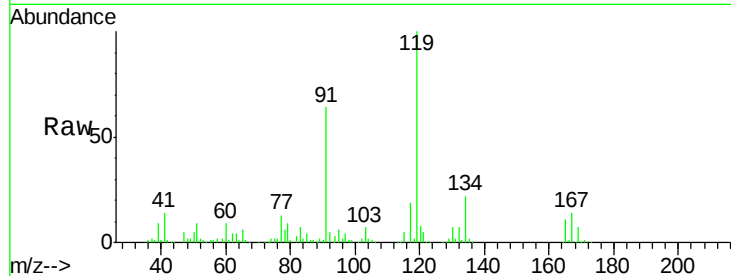
VSTDCCC010EC

Tgt Ion:117 Resp: 50544

Ion Ratio Lower Upper

117 100

167 69.0 54.5 81.7



#62

Hexachloroethane

Concen: 10.408 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040069.D

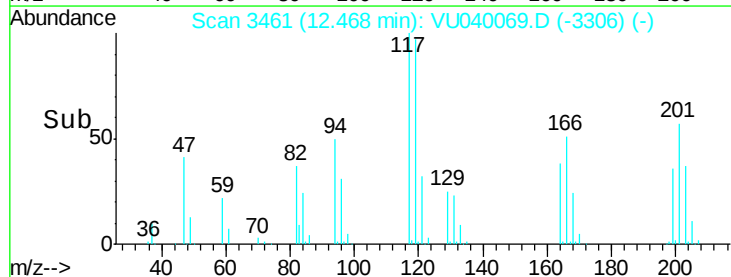
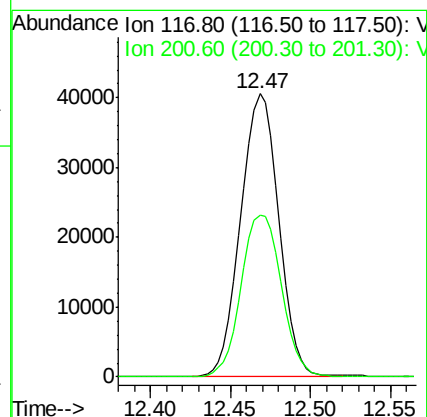
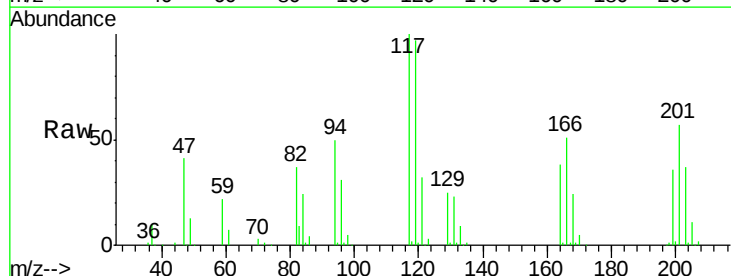
Acq: 09 Sep 2020 18:42

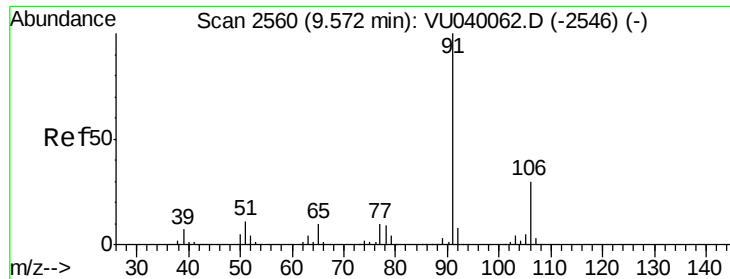
Tgt Ion:117 Resp: 65995

Ion Ratio Lower Upper

117 100

201 60.5 47.0 70.4

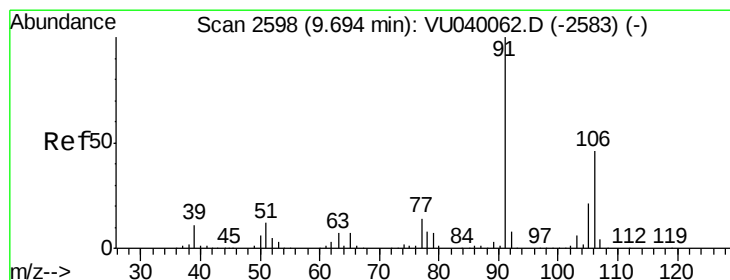
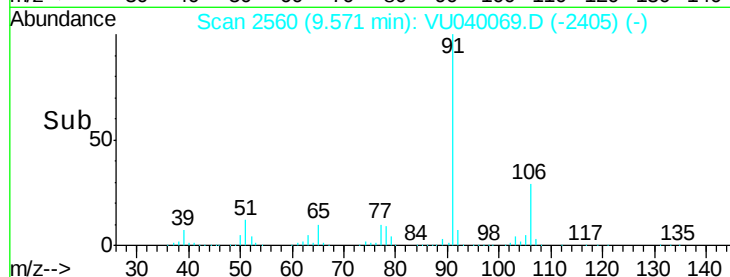
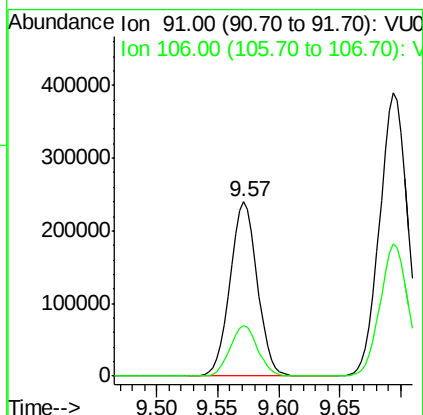
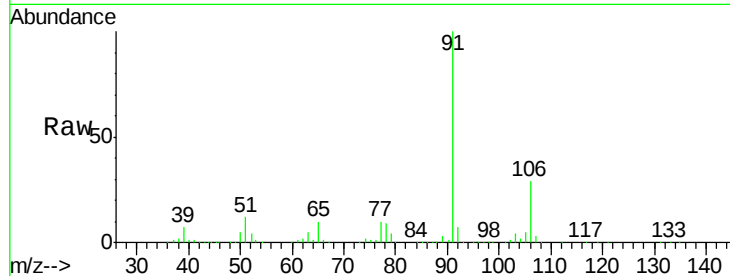




#63
Ethyl Benzene
Concen: 11.028 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

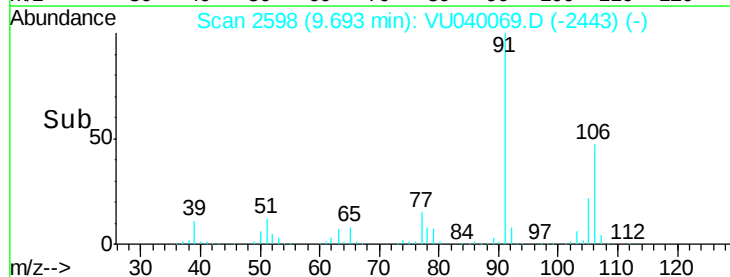
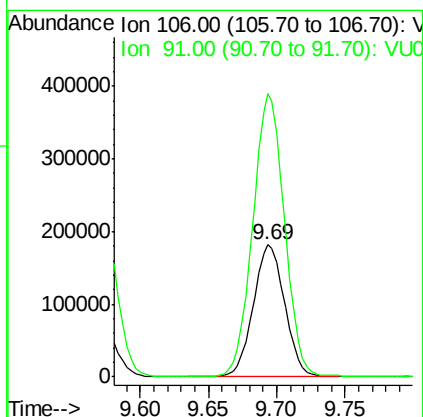
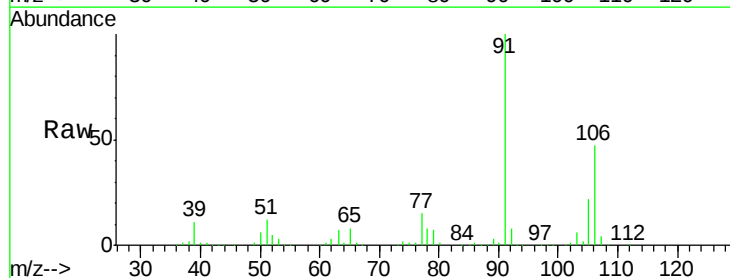
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

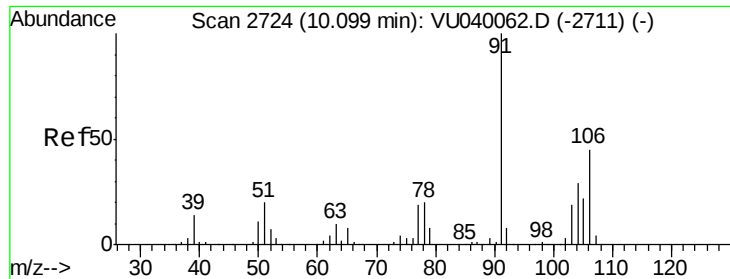
Tgt Ion: 91 Resp: 375968
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.8



#64
m/p-Xylenes
Concen: 22.765 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion: 106 Resp: 289973
Ion Ratio Lower Upper
106 100
91 215.7 171.4 257.2

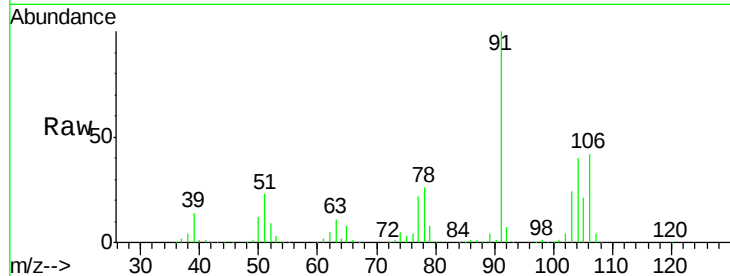




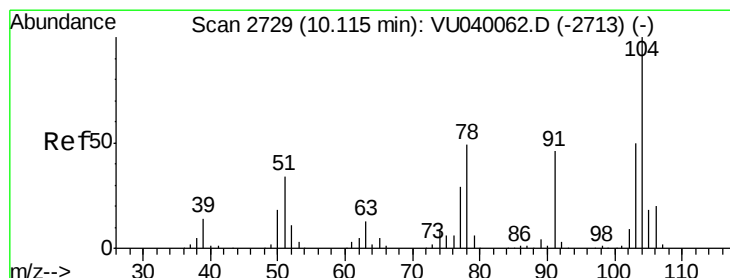
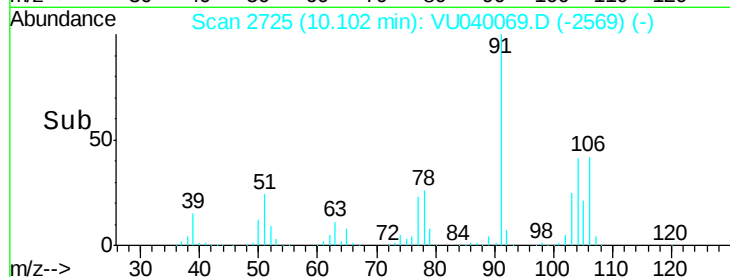
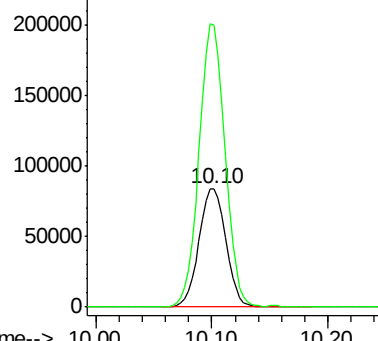
#65
o-Xylene
Concen: 11.022 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 135534
Ion Ratio Lower Upper
106 100
91 229.7 114.2 342.6

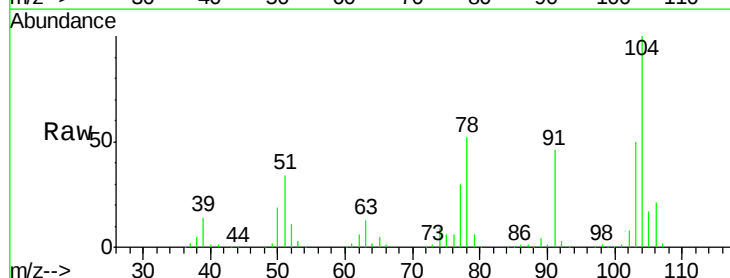


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

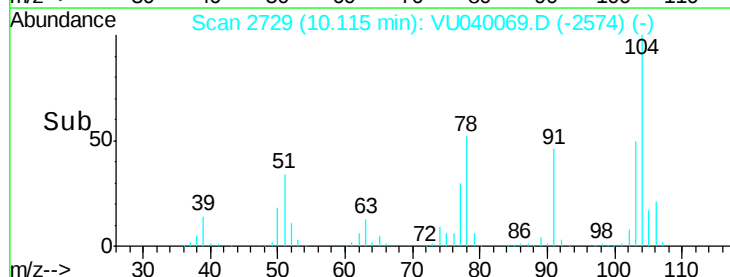
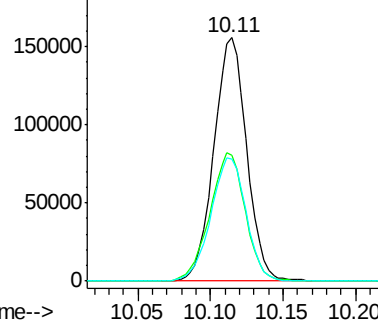


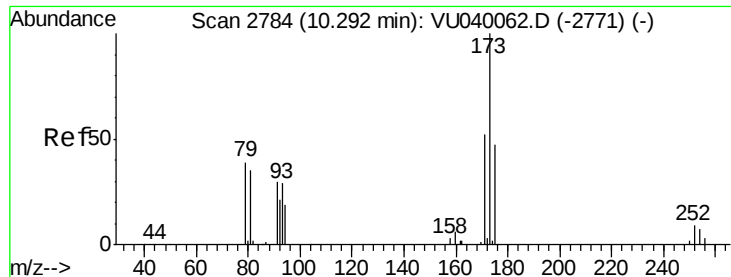
#66
Styrene
Concen: 11.362 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040069.D
Acq: 09 Sep 2020 18:42

Tgt Ion:104 Resp: 245398
Ion Ratio Lower Upper
104 100
78 56.8 43.9 65.9
103 54.5 43.7 65.5



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: 11.199 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

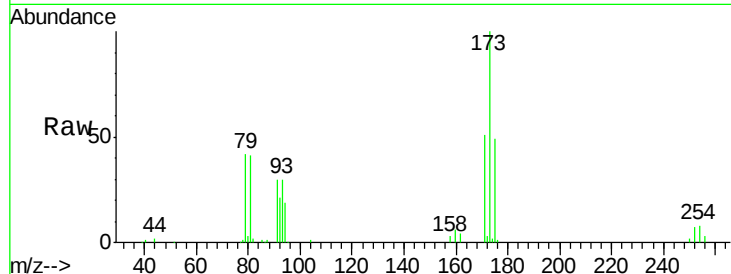
Tgt Ion:173 Resp: 42999

Ion Ratio Lower Upper

173 100

175 48.2 38.0 57.0

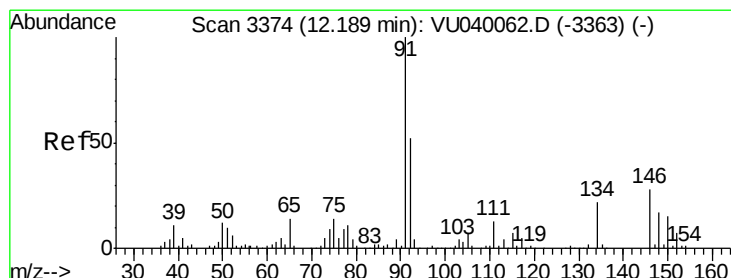
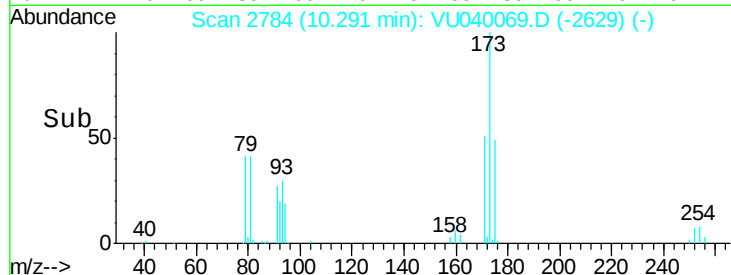
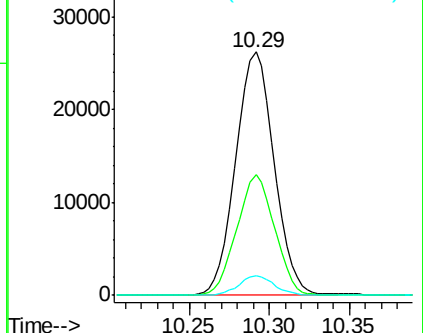
254 7.3 5.8 8.8



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: 0.974 ug/l

RT: 12.19 min Scan# 3373

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

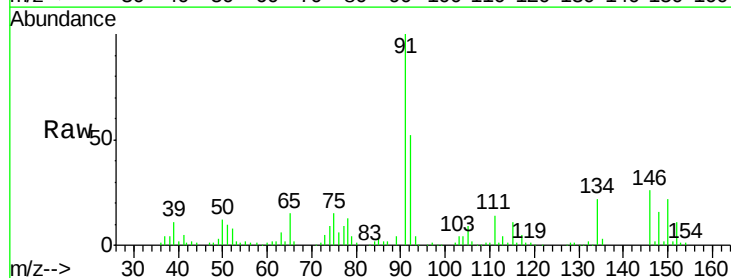
Tgt Ion:152 Resp: 10165

Ion Ratio Lower Upper

152 100

115 164.7 0.0 309.0

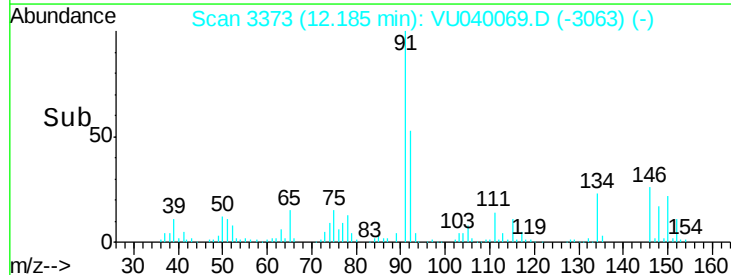
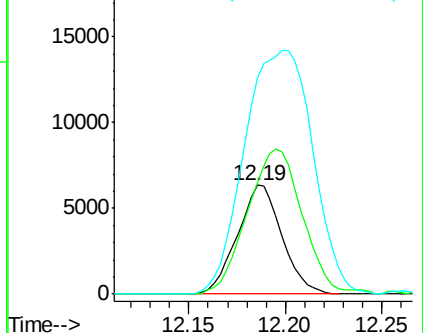
150 343.6 0.0 658.2

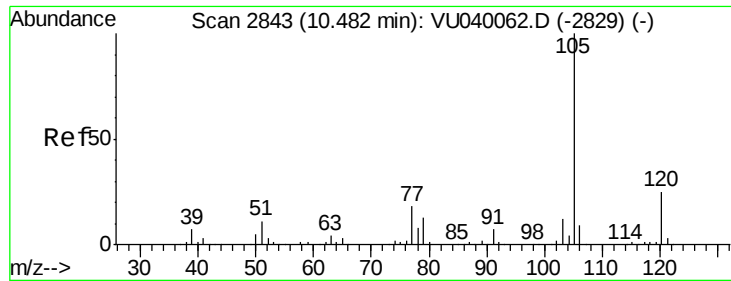


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.032 ug/l

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

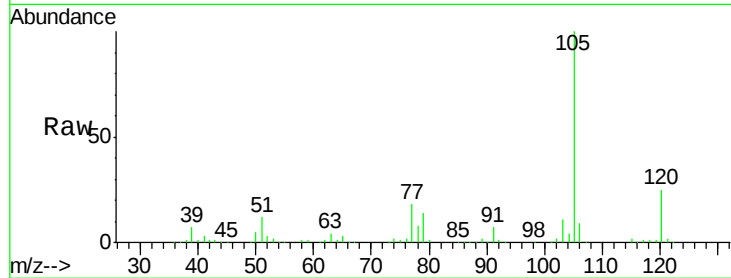
VSTDCCC010EC

Tgt Ion:105 Resp: 373355

Ion Ratio Lower Upper

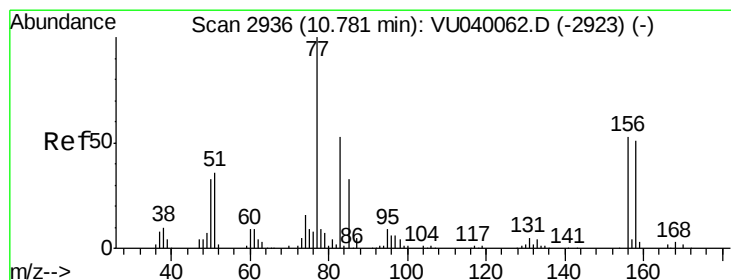
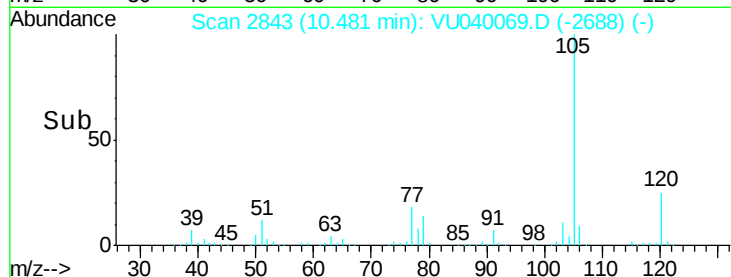
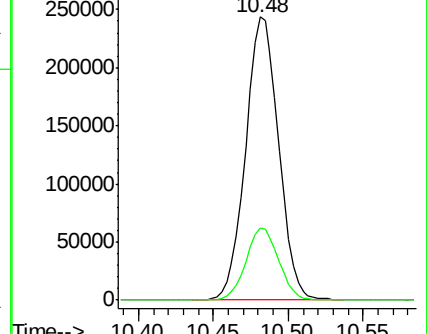
105 100

120 25.4 12.4 37.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.269 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

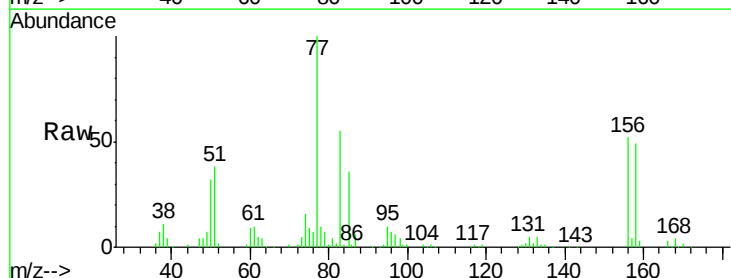
Tgt Ion: 83 Resp: 87731

Ion Ratio Lower Upper

83 100

131 9.6 7.5 11.3

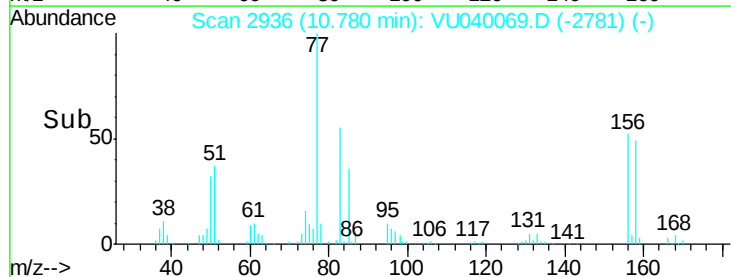
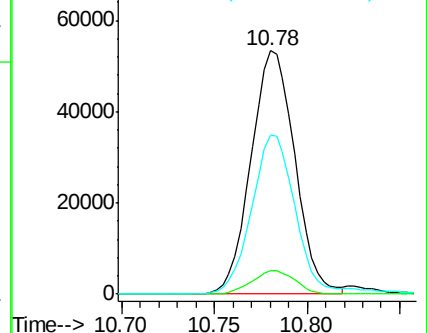
85 66.4 49.7 74.5

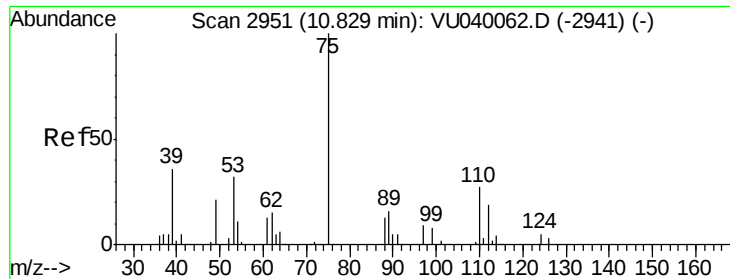


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

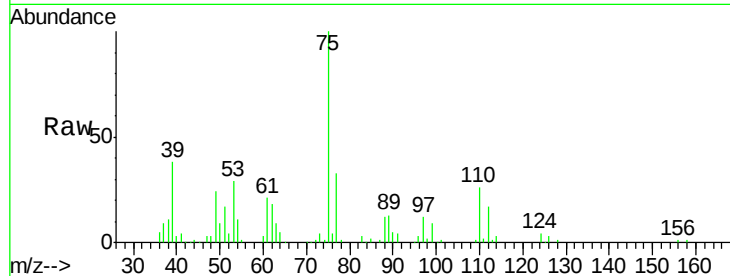




#71
 1,2,3-Trichloropropane
 Concen: 19.000 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:	75	Resp:	126034
Ion	Ratio	Lower	Upper
75	100		
77	30.9	0.0	111.4
110	20.9	0.0	70.8
97	9.7	0.0	36.0

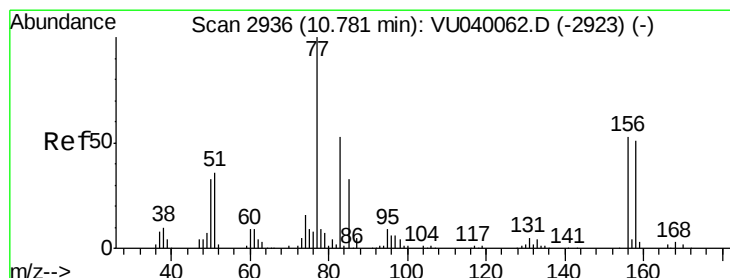
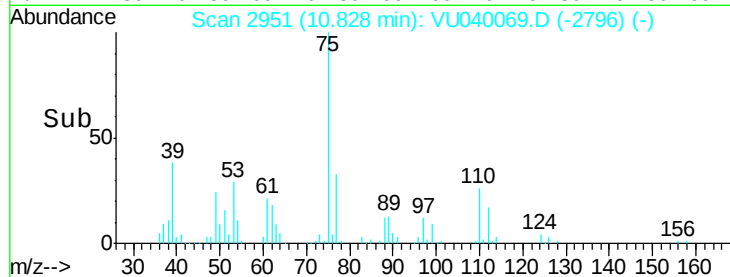
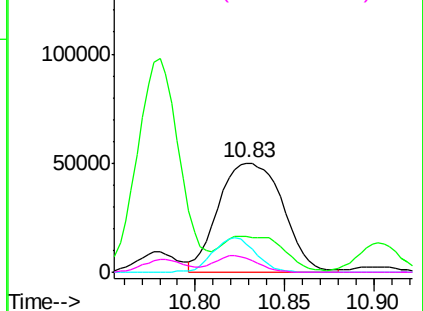


Abundance Ion 75.00 (74.70 to 75.70): VU040062.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-2941) (-)

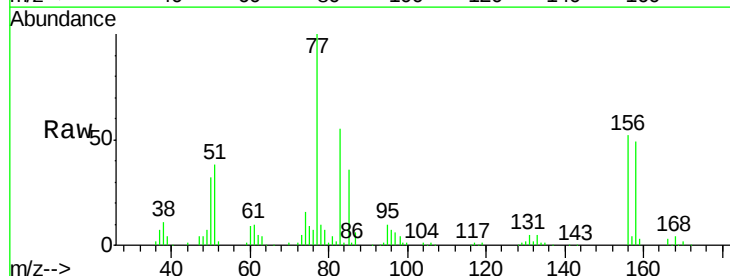
Ion 110.00 (109.70 to 110.70): VU040062.D (-2941) (-)

Ion 97.00 (96.70 to 97.70): VU040062.D (-2941) (-)



#72
 Bromobenzene
 Concen: 10.442 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

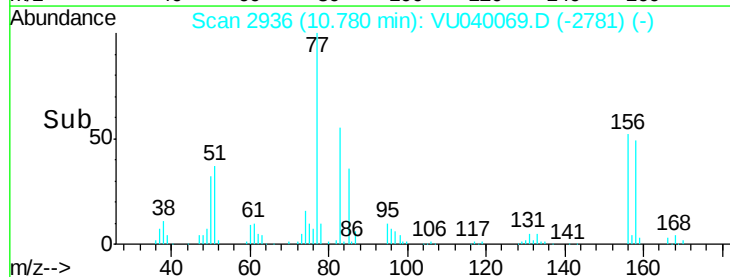
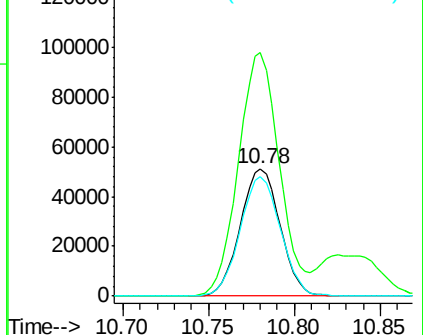
Tgt Ion:	156	Resp:	82437
Ion	Ratio	Lower	Upper
156	100		
77	197.0	0.0	383.6
158	95.0	0.0	195.0

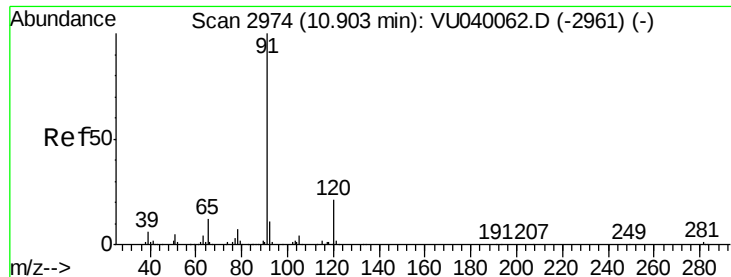


Abundance Ion 156.00 (155.70 to 156.70): VU040062.D (-2923) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-2923) (-)

Ion 158.00 (157.70 to 158.70): VU040062.D (-2923) (-)





#73

n-propylbenzene

Concen: 10.905 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

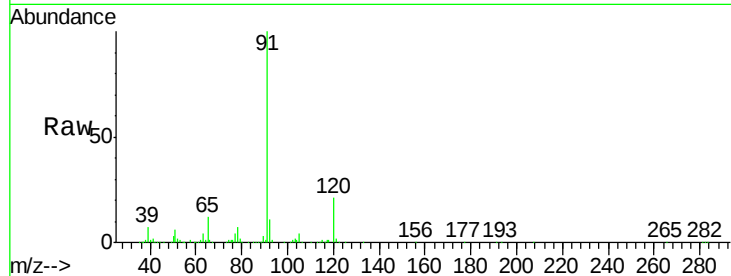
VSTDCCC010EC

Tgt Ion:120 Resp: 101473

Ion Ratio Lower Upper

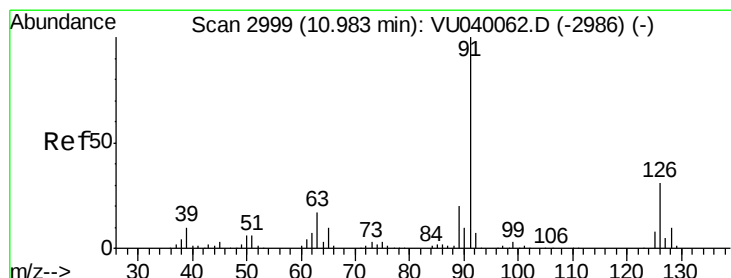
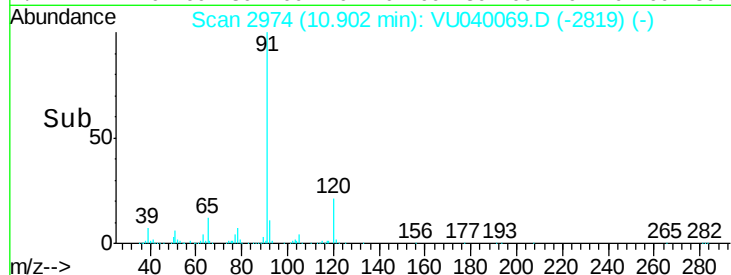
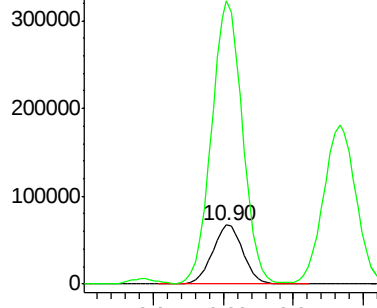
120 100

91 483.1 380.4 570.6



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.832 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040069.D

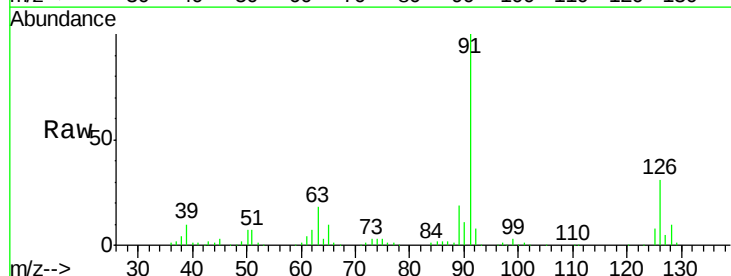
Acq: 09 Sep 2020 18:42

Tgt Ion:126 Resp: 88058

Ion Ratio Lower Upper

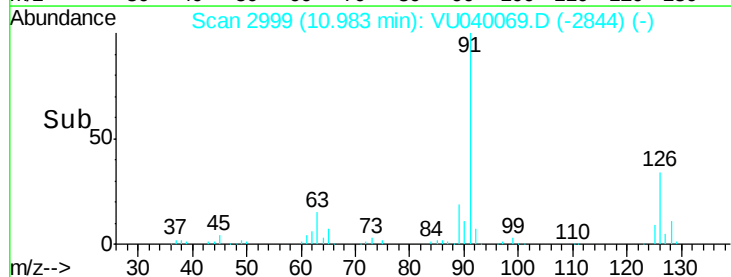
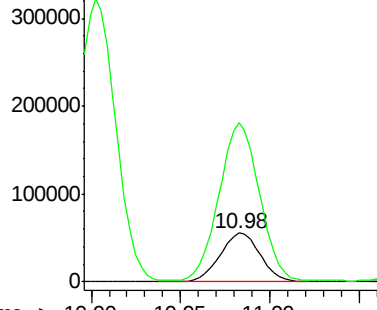
126 100

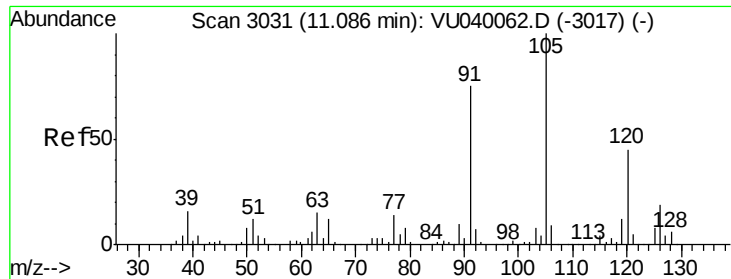
91 322.3 0.0 649.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.279 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

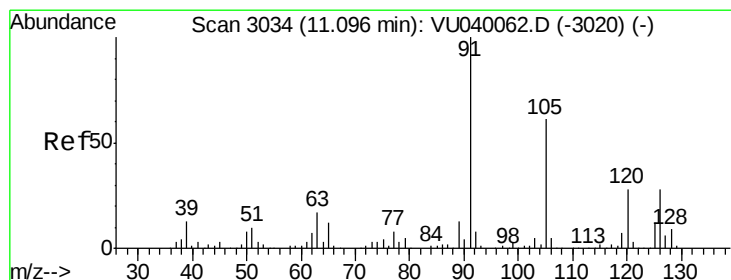
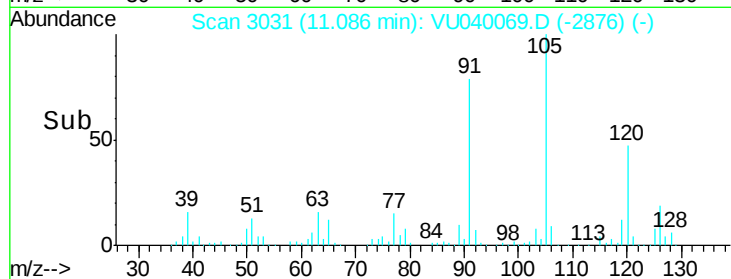
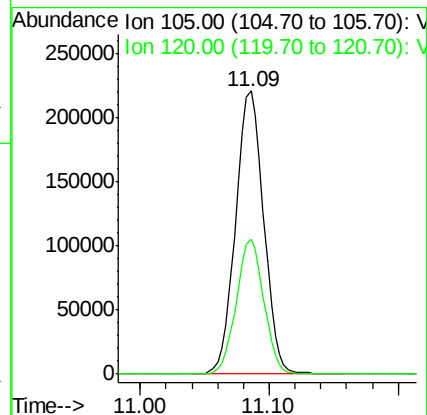
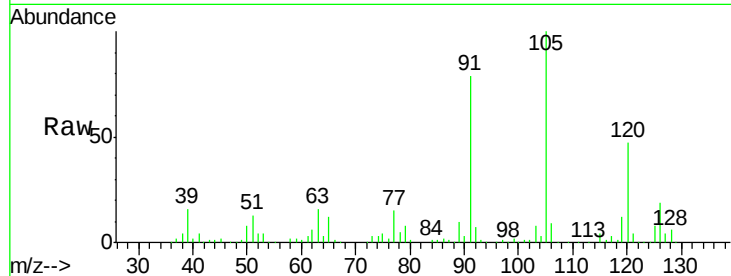
VSTDCCC010EC

Tgt Ion:105 Resp: 334317

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0



#76

4-Chlorotoluene

Concen: 10.666 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040069.D

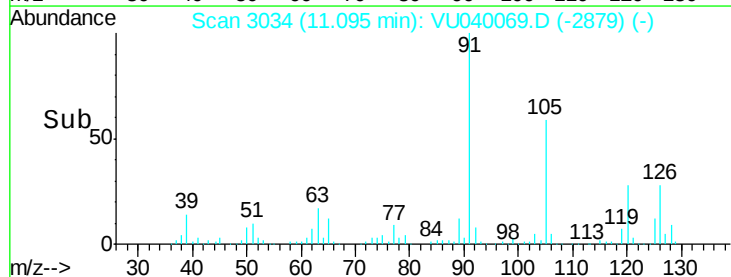
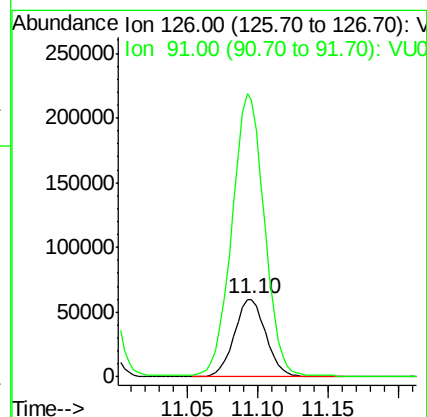
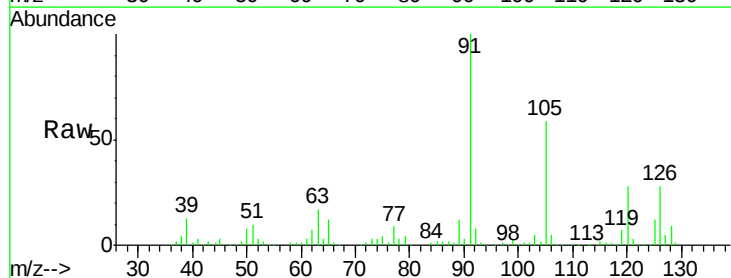
Acq: 09 Sep 2020 18:42

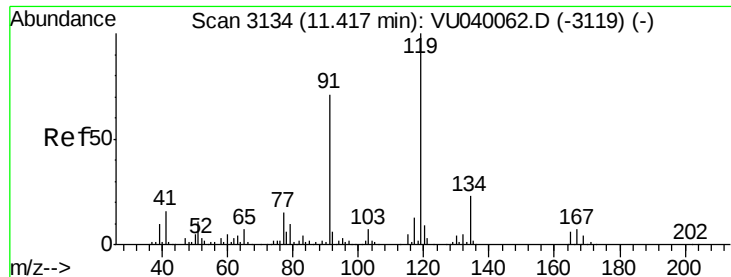
Tgt Ion:126 Resp: 93512

Ion Ratio Lower Upper

126 100

91 376.1 0.0 735.6

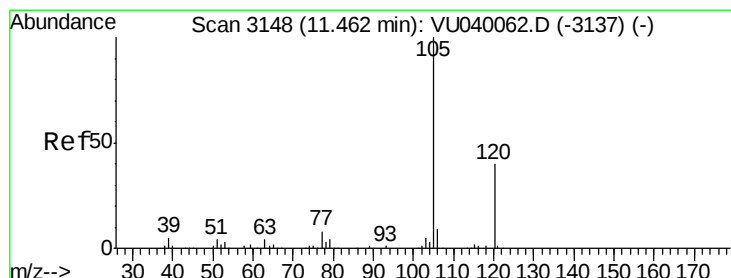
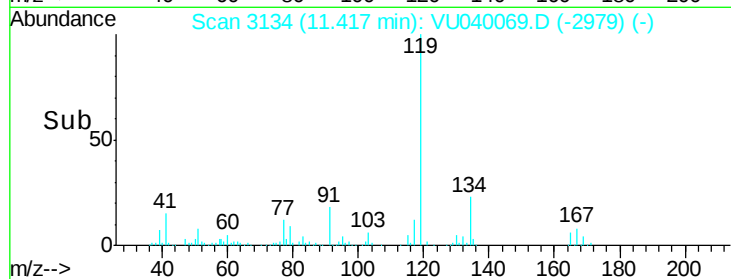
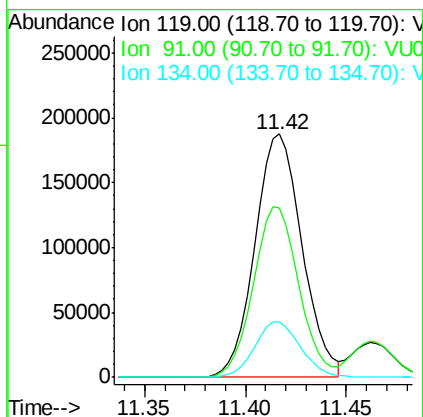
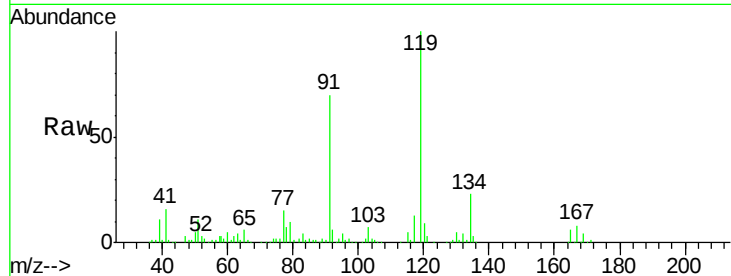




#77
 tert-Butylbenzene
 Concen: 11.072 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

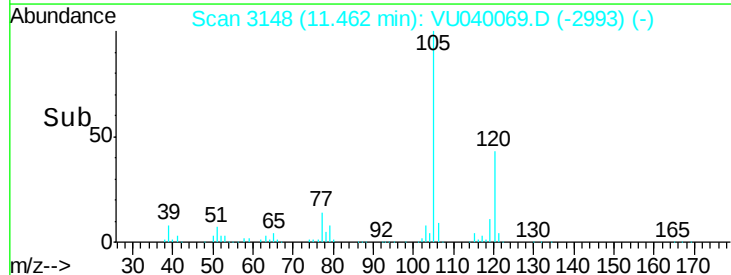
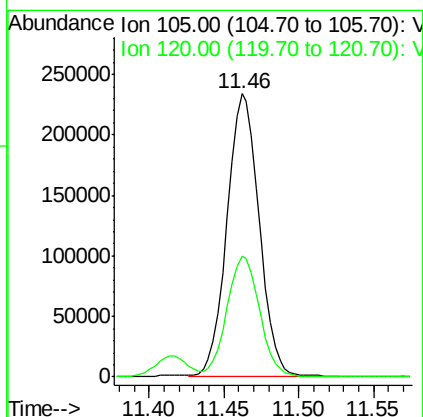
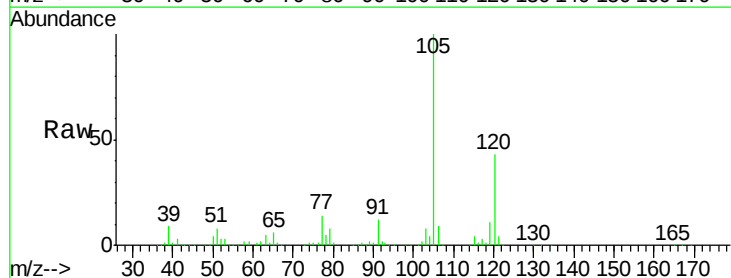
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

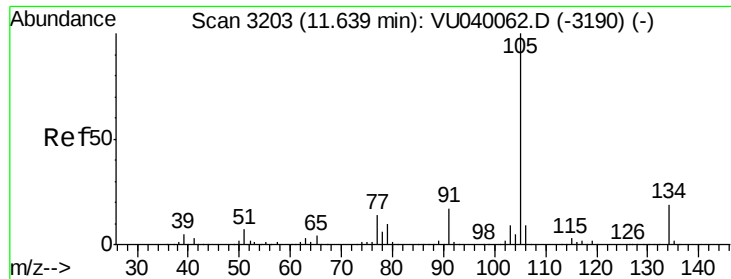
Tgt Ion:119 Resp: 305274
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.2 102.5
 134 22.5 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 11.224 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion:105 Resp: 348921
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.5

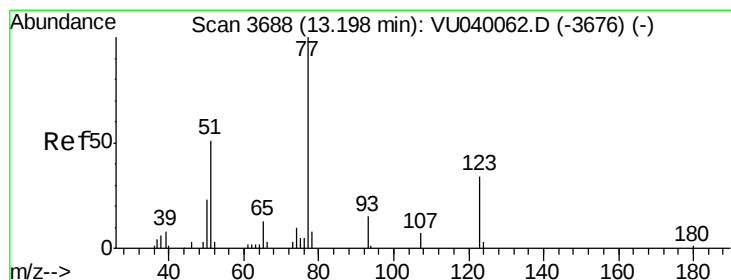
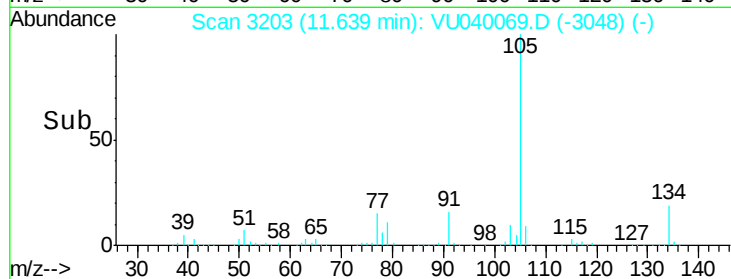
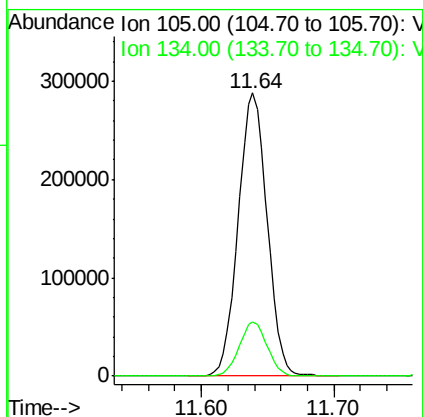
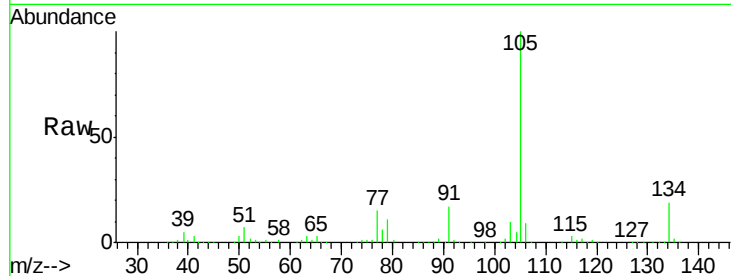




#79
 sec-Butylbenzene
 Concen: 10.897 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

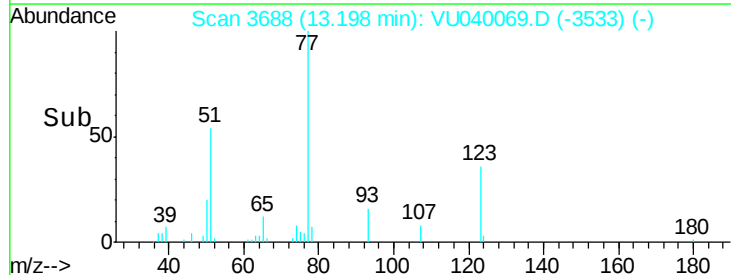
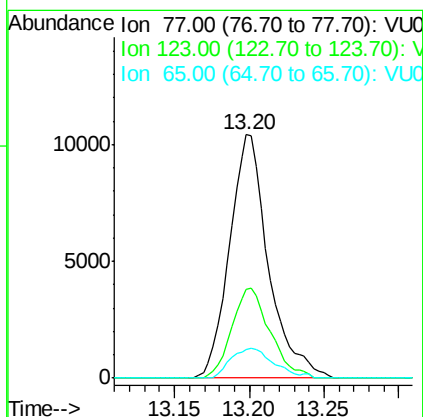
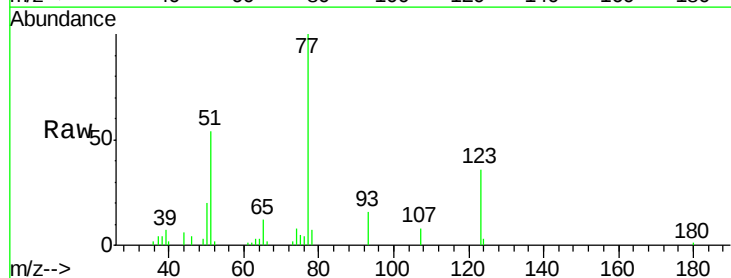
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

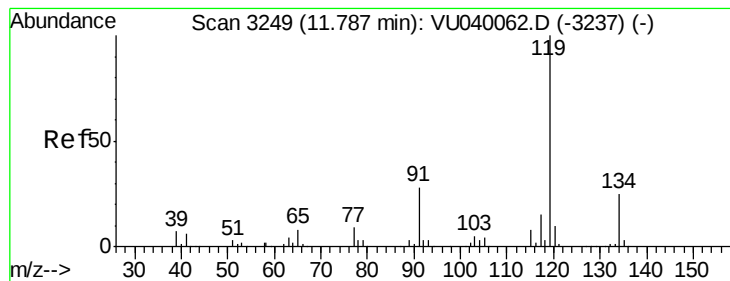
Tgt Ion: 105 Resp: 435159
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.4



#80
 Nitrobenzene
 Concen: 54.871 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 77 Resp: 18801
 Ion Ratio Lower Upper
 77 100
 123 36.2 16.4 58.0
 65 13.7 12.5 15.9

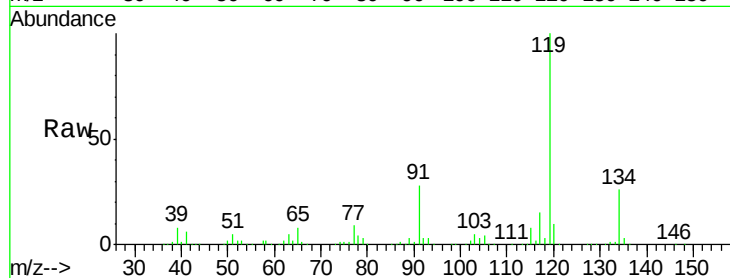




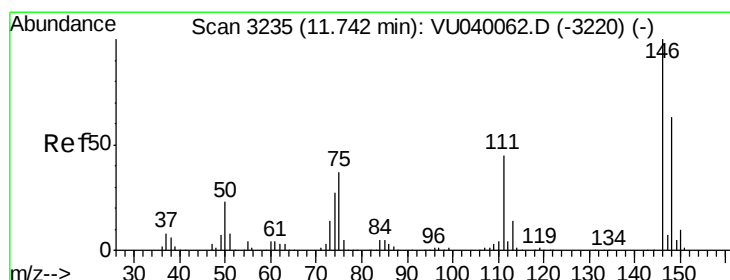
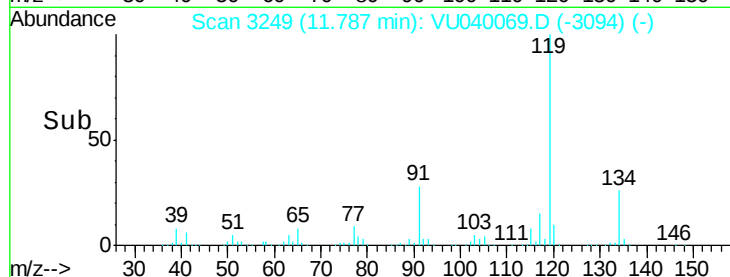
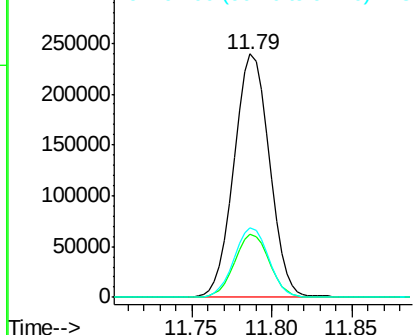
#81
 p-Isopropyltoluene
 Concen: 11.312 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:119 Resp: 359717
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.3 30.5
 91 27.8 22.2 33.2

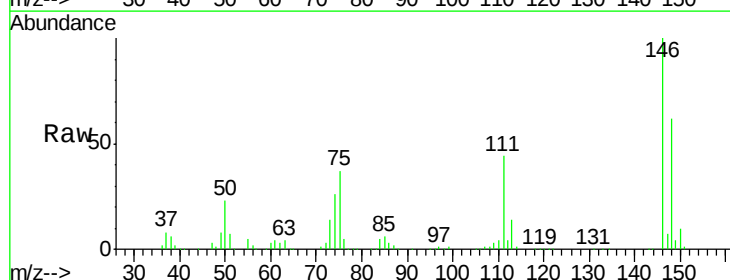


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

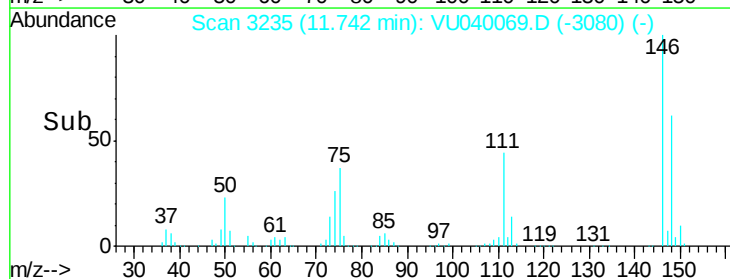
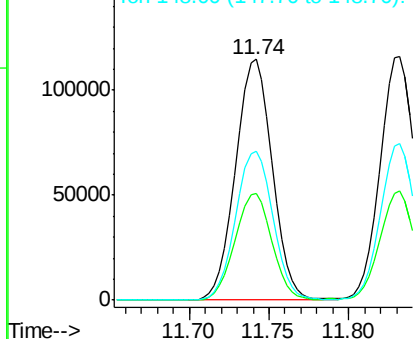


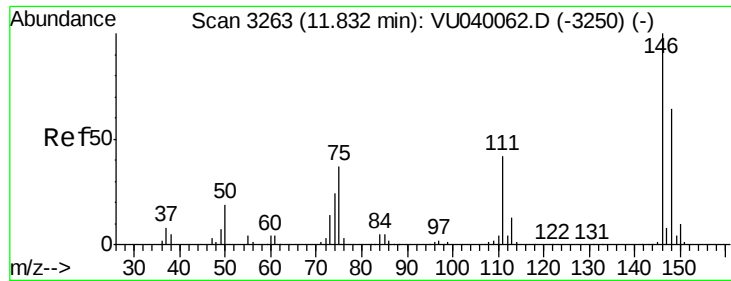
#82
 1,3-Dichlorobenzene
 Concen: 10.336 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion:146 Resp: 179721
 Ion Ratio Lower Upper
 146 100
 111 44.5 35.4 53.0
 148 62.9 49.7 74.5



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

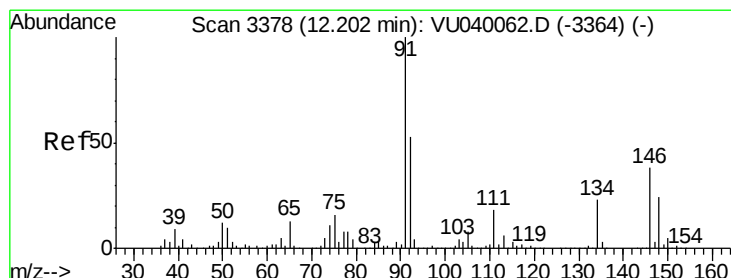
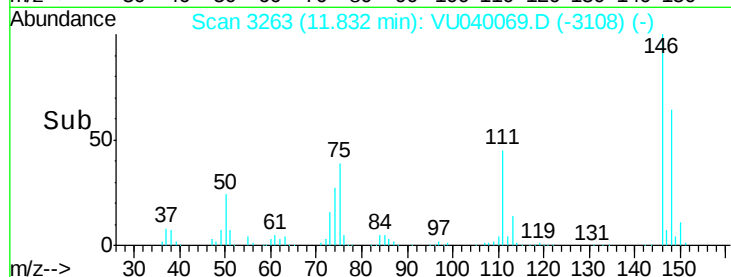
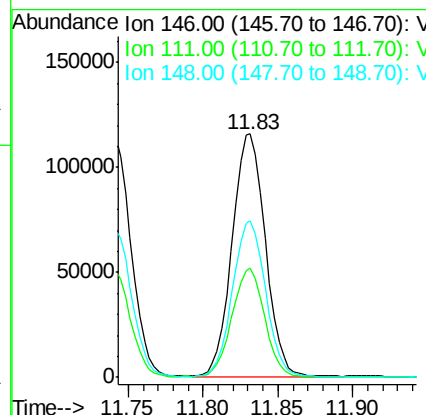
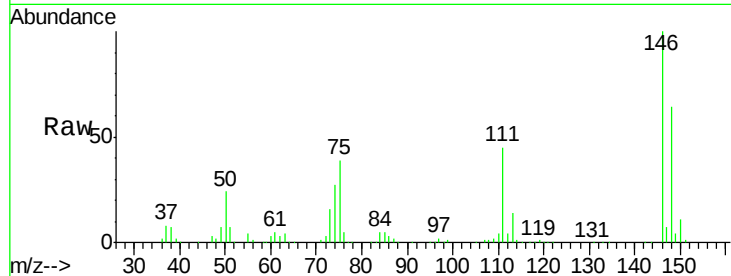




#83
 1,4-Dichlorobenzene
 Concen: 10.383 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

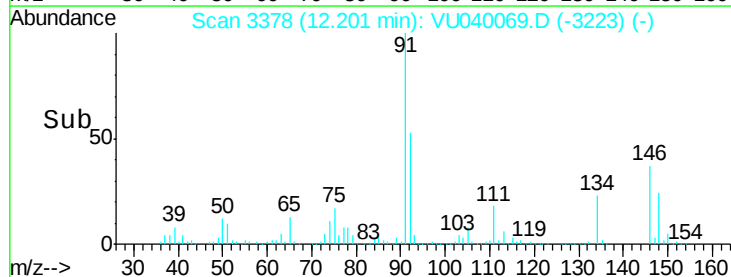
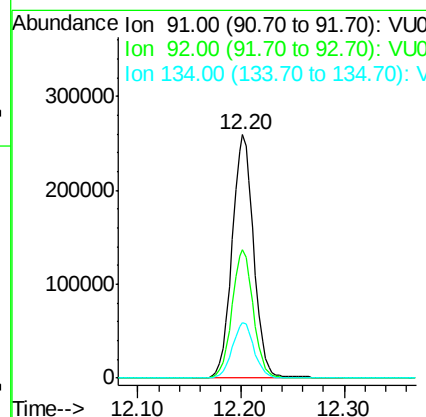
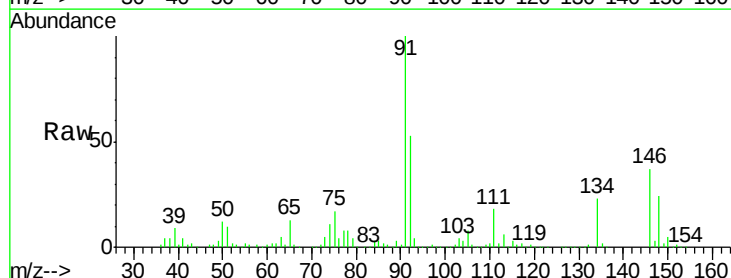
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

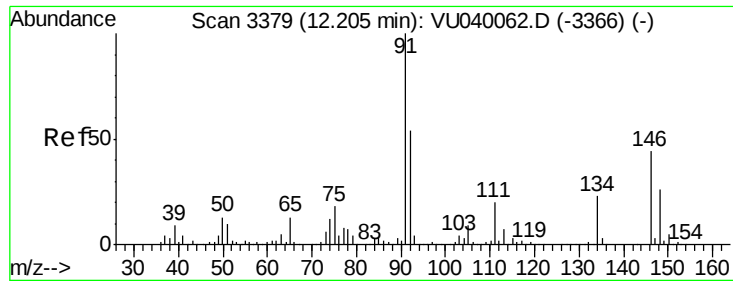
Tgt Ion: 146 Resp: 179413
 Ion Ratio Lower Upper
 146 100
 111 43.9 34.2 51.2
 148 63.6 50.2 75.2



#84
 n-Butylbenzene
 Concen: 11.552 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 91 Resp: 377548
 Ion Ratio Lower Upper
 91 100
 92 51.9 43.0 64.4
 134 22.8 18.6 27.8

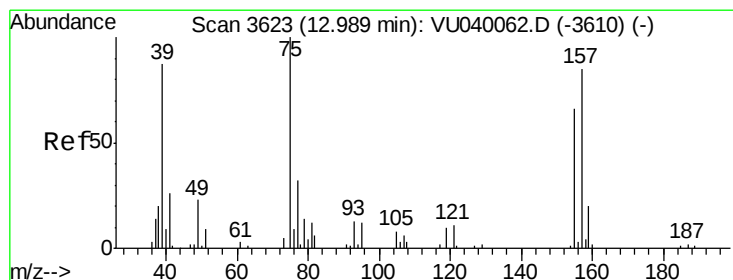
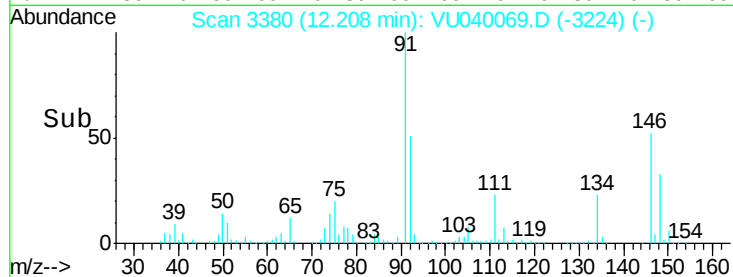
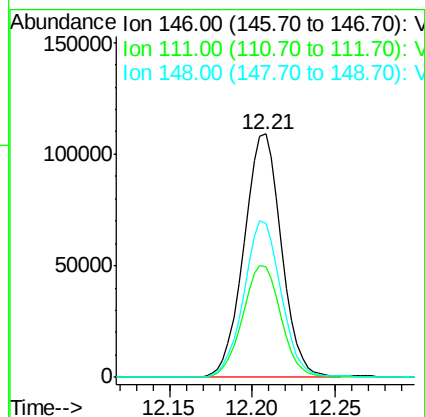
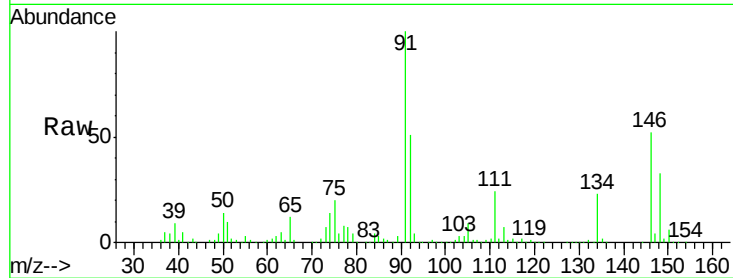




#85
 1,2-Dichlorobenzene
 Concen: 10.279 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

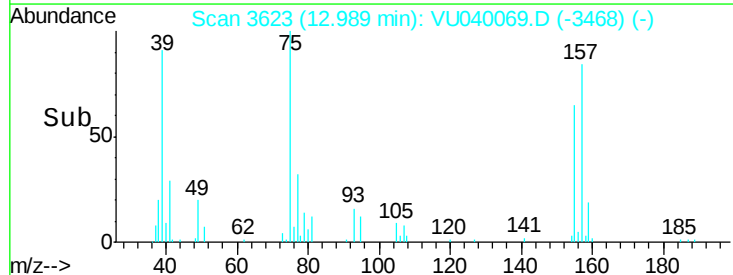
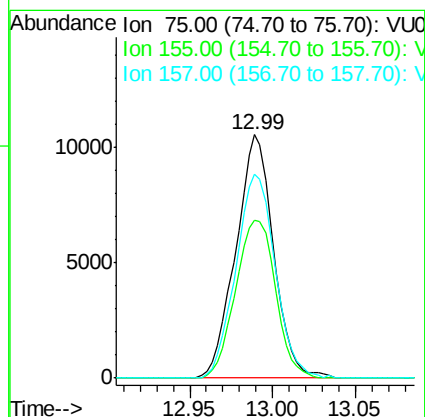
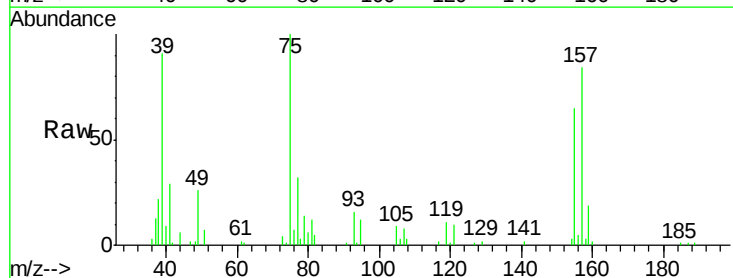
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

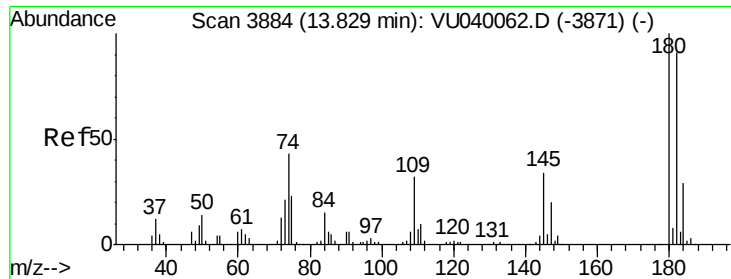
Tgt Ion: 146 Resp: 171863
 Ion Ratio Lower Upper
 146 100
 111 47.1 22.9 68.7
 148 64.0 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.524 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion: 75 Resp: 16733
 Ion Ratio Lower Upper
 75 100
 155 68.5 53.4 80.0
 157 87.1 65.8 98.8

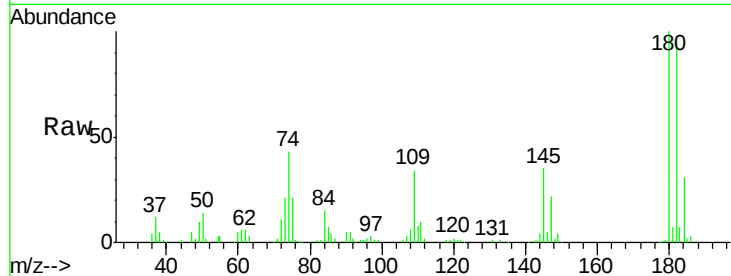




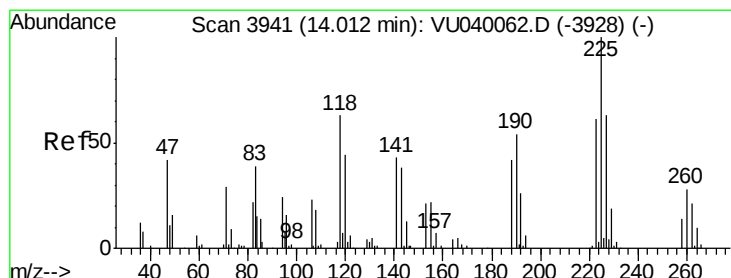
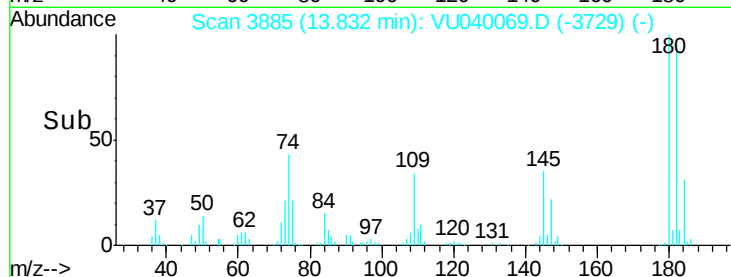
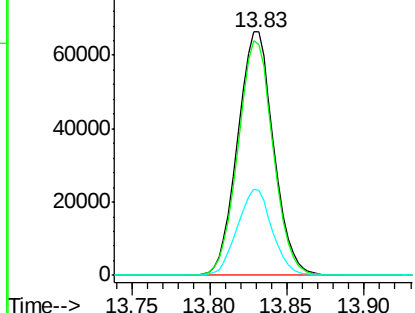
#87
 1,2,4-Trichlorobenzene
 Concen: 11.116 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 107269
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.0 112.4
 145 34.4 27.7 41.5

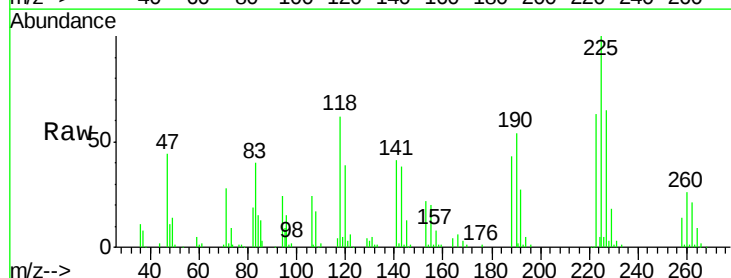


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

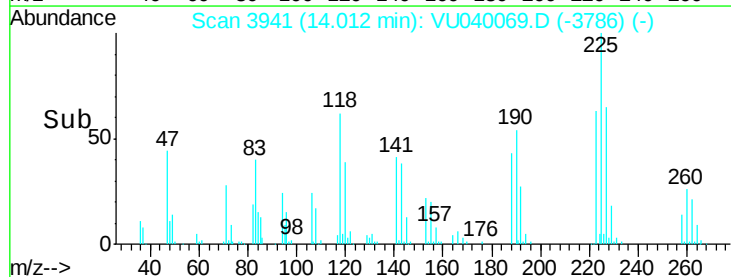
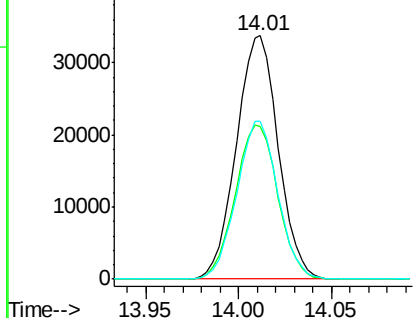


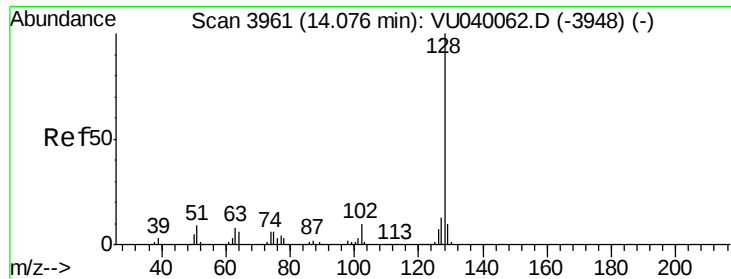
#88
 Hexachlorobutadiene
 Concen: 10.619 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040069.D
 Acq: 09 Sep 2020 18:42

Tgt Ion:225 Resp: 53009
 Ion Ratio Lower Upper
 225 100
 223 64.1 50.7 76.1
 227 63.6 51.1 76.7



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: 9.768 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

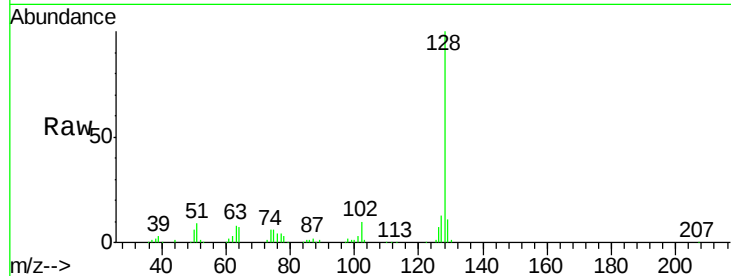
Tgt Ion:128 Resp: 229452

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

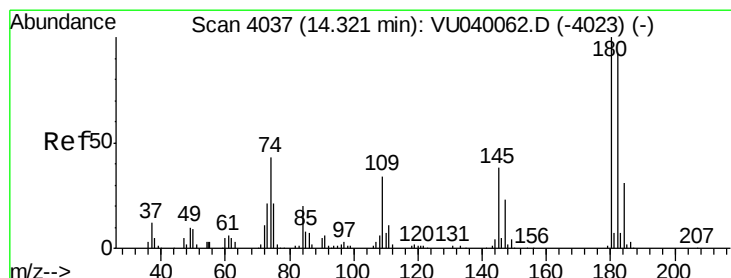
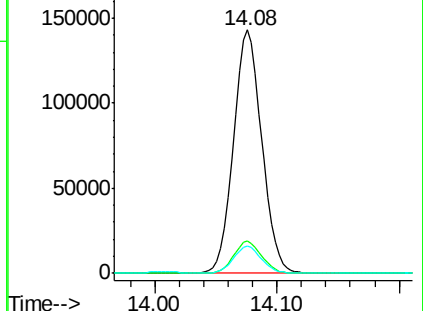
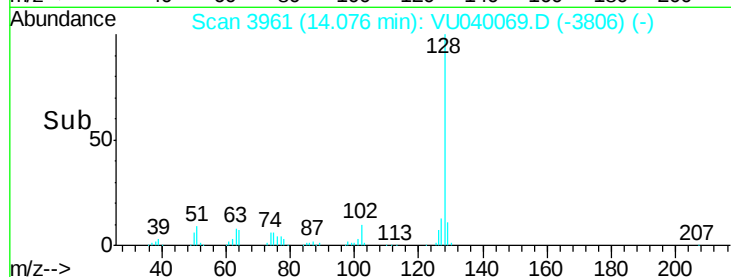
129 11.1 8.3 12.5



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: 11.021 ug/l

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040069.D

Acq: 09 Sep 2020 18:42

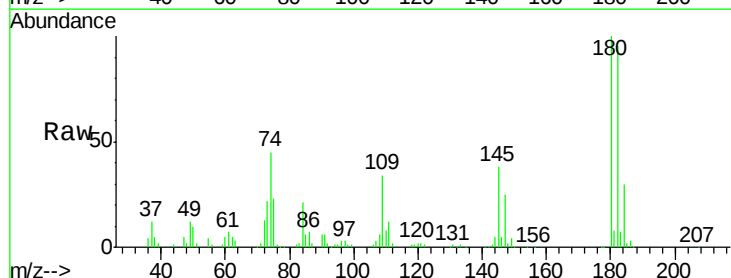
Tgt Ion:180 Resp: 99059

Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 38.3 30.6 45.8



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

