

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040059.D
 Acq On : 09 Sep 2020 11:00
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 10 03:46:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	27758	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	10888	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10127	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7534	0.807 ug/l	93
3) Chloromethane	1.53	50	8114	0.710 ug/l	97
4) Vinyl Chloride	1.61	62	7860	0.743 ug/l	95
5) Bromomethane	1.86	94	6696	0.919 ug/l	92
6) Chloroethane	1.94	64	5369	0.736 ug/l	91
7) Trichlorofluoromethane	2.15	101	11119	0.779 ug/l	91
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6641	0.810 ug/l	99
9) 1,1-Dichloroethene	2.59	96	5925	0.796 ug/l	86
10) Iodomethane	2.74	142	2415	0.326 ug/l	93
11) Allyl Chloride	2.94	41	11143	0.702 ug/l	100
12) Acrylonitrile	3.33	53	4123	1.575 ug/l	95
13) Acetone	2.64	43	9477	3.842 ug/l	94
14) Carbon Disulfide	2.81	76	15677	0.593 ug/l #	93
15) Methylene Chloride	3.06	84	10008	0.957 ug/l	94
16) trans-1,2-Dichloroethene	3.37	96	6237	0.738 ug/l	98
17) 1,1-Dichloroethane	3.89	63	13492	0.732 ug/l	99
18) 2-Butanone	4.74	43	15147	3.712 ug/l	99
19) Cyclohexane	5.40	56	9930	0.564 ug/l #	84
20) Methylcyclohexane	6.77	83	9137	0.686 ug/l	93
21) 2,2-Dichloropropane	4.68	77	13752	0.898 ug/l	92
22) cis-1,2-Dichloroethene	4.69	96	7038	0.768 ug/l	96
23) Diethyl Ether	2.39	59	5468	0.724 ug/l	97
24) tert-Butyl Alcohol	3.20	59	7785	5.677 ug/l #	91
25) Methyl tert-Butyl Ether	3.39	73	18377	0.755 ug/l	91
26) Bromochloromethane	4.99	128	3108	0.821 ug/l	95
27) Chloroform	5.11	83	13898	0.795 ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	12492	0.873 ug/l	97
29) 1,1-Dichloropropene	5.54	75	9793	0.722 ug/l	94
30) Carbon Tetrachloride	5.53	117	10665	0.897 ug/l	93
31) Isopropyl Ether	4.02	45	23972	0.716 ug/l	98
32) Ethyl-t-butyl ether	4.53	59	20554	0.715 ug/l	100
33) Tert-Amyl methyl ether	5.96	73	17687	0.830 ug/l	98
34) Propionitrile	4.80	54	3874	3.839 ug/l #	89
35) Benzene	5.79	78	28514	0.835 ug/l	98
36) 1,2-Dichloroethane	5.81	62	10306	0.802 ug/l	98
37) Trichloroethene	6.56	130	6660	0.843 ug/l	94
38) 1,2-Dichloropropane	6.81	63	8115	0.864 ug/l	96
39) Methacrylonitrile	5.01	41	3829	0.714 ug/l	96
40) Methyl acrylate	4.87	55	4688	0.684 ug/l #	96
41) Tetrahydrofuran	5.09	42	3859	1.444 ug/l	95
42) 1-Chlorobutane	5.47	56	14642	0.692 ug/l	90

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

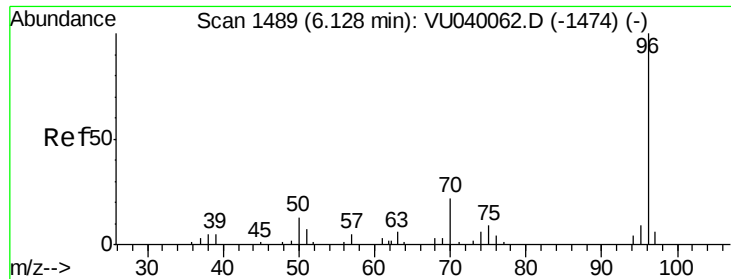
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 10 03:46:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

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

43) Dibromomethane	6.93	93	4880	0.952	ug/l	91
44) Bromodichloromethane	7.12	83	11377	0.969	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	30506	3.994	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	10744	4.437	ug/l #	48
47) Methyl methacrylate	6.98	69	7305	1.550	ug/l	95
48) Ethyl methacrylate	8.34	69	6816	0.786	ug/l	99
49) Toluene	7.98	92	16109	0.798	ug/l	95
50) t-1,3-Dichloropropene	8.22	75	9620	0.910	ug/l	91
51) cis-1,3-Dichloropropene	7.62	75	10836	0.876	ug/l	93
52) 1,1,2-Trichloroethane	8.41	97	6315	0.950	ug/l	94
53) 1,3-Dichloropropane	8.58	76	11245	0.889	ug/l	99
54) 2-Hexanone	8.69	43	20604	3.765	ug/l	96
55) Dibromochloromethane	8.82	129	6887	0.958	ug/l	95
56) 1,2-Dibromoethane	8.93	107	5909	0.932	ug/l	88
58) Tetrachloroethene	8.56	164	7328	1.040	ug/l	97
59) Chlorobenzene	9.45	112	18116	0.858	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	6656	0.922	ug/l	94
61) Pentachloroethane	11.42	117	4755	0.787	ug/l	100
62) Hexachloroethane	12.47	117	5854	1.005	ug/l	89
63) Ethyl Benzene	9.57	91	28732	0.765	ug/l	97
64) m/p-Xylenes	9.70	106	21392	1.465	ug/l	98
65) o-Xylene	10.10	106	10904	0.785	ug/l	92
66) Styrene	10.11	104	17412	0.728	ug/l	99
67) Bromoform	10.29	173	3283	0.895	ug/l #	92
69) Isopropylbenzene	10.48	105	28790	0.773	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	7400	0.785	ug/l	88
71) 1,2,3-Trichloropropane	10.83	75	10744	1.536	ug/l	74
72) Bromobenzene	10.78	156	7234	0.852	ug/l	97
73) n-propylbenzene	10.91	120	7946	0.760	ug/l	95
74) 2-Chlorotoluene	10.99	126	7077	0.797	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	24257	0.752	ug/l	99
76) 4-Chlorotoluene	11.10	126	7915	0.858	ug/l	88
77) tert-Butylbenzene	11.42	119	22867	0.744	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	25266	0.765	ug/l	98
79) sec-Butylbenzene	11.64	105	33351	0.758	ug/l	100
80) Nitrobenzene	13.21	77	1488	7.508	ug/l #	75
81) p-Isopropyltoluene	11.79	119	25740	0.727	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	15867	0.866	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	15234	0.824	ug/l	97
84) n-Butylbenzene	12.20	91	26756	0.712	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	14752	0.834	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	1419	0.880	ug/l	95
87) 1,2,4-Trichlorobenzene	13.83	180	7657	0.698	ug/l	97
88) Hexachlorobutadiene	14.01	225	4234	0.829	ug/l	93
89) Naphthalene	14.08	128	13468	0.577	ug/l	98
90) 1,2,3-Trichlorobenzene	14.32	180	7278	0.702	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 27758

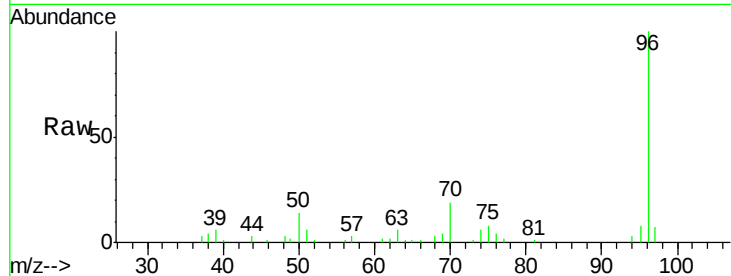
Ion Ratio Lower Upper

96 100

70 21.7 17.1 25.7

95 8.5 7.6 11.4

97 6.4 0.0 0.0#

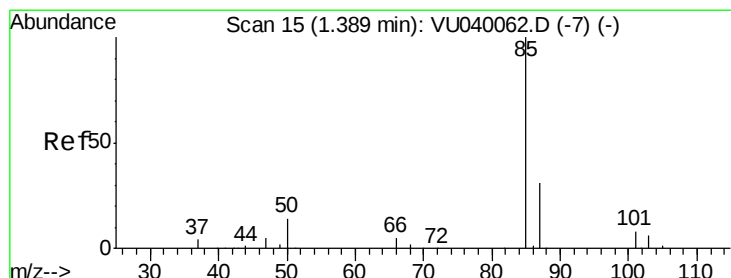
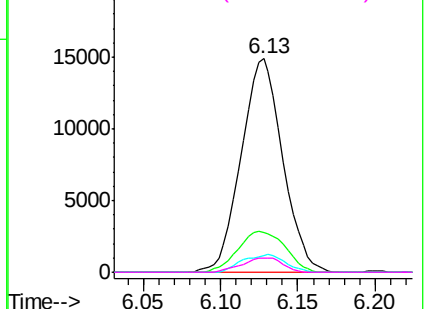
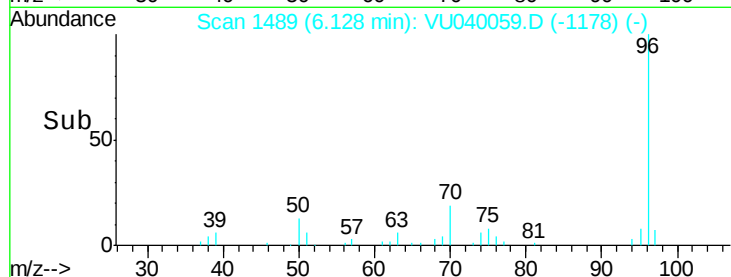


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 0.807 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040059.D

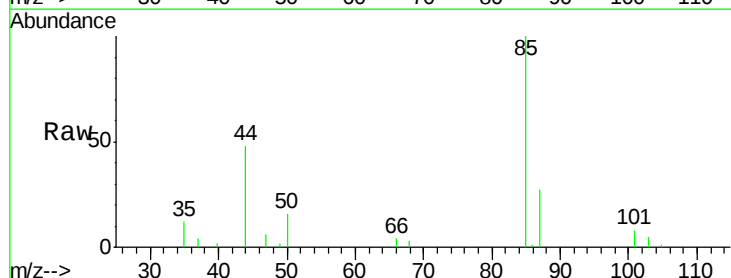
Acq: 09 Sep 2020 11:00

Tgt Ion: 85 Resp: 7534

Ion Ratio Lower Upper

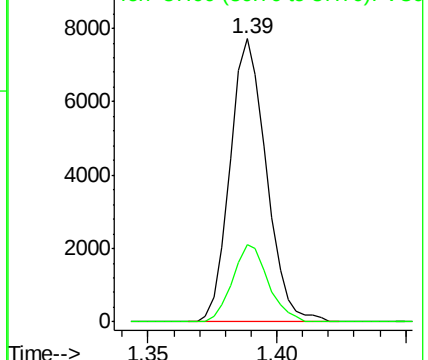
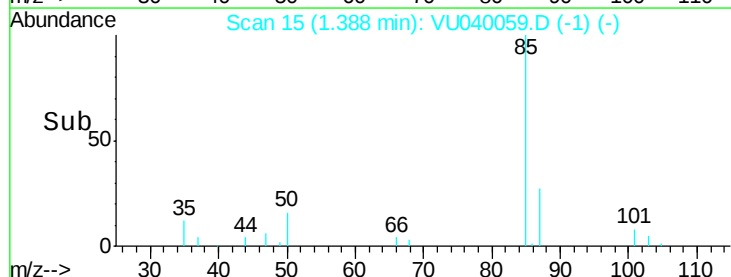
85 100

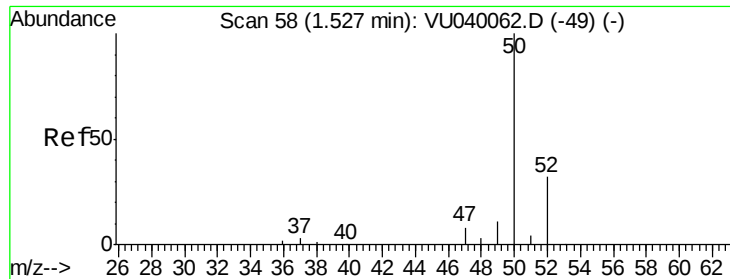
87 27.5 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 0.710 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

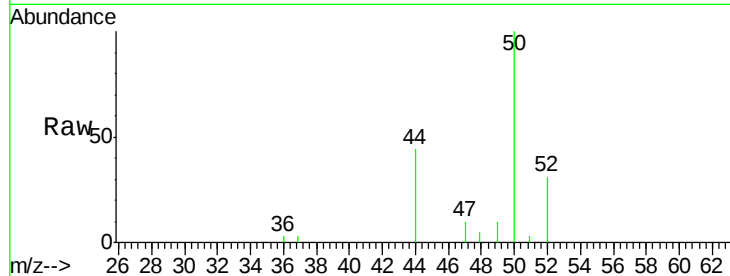
VSTDIC001

Tgt Ion: 50 Resp: 8114

Ion Ratio Lower Upper

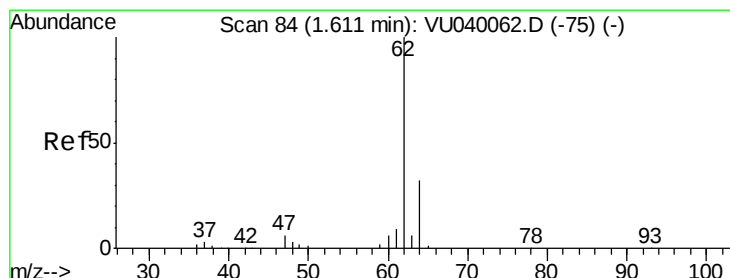
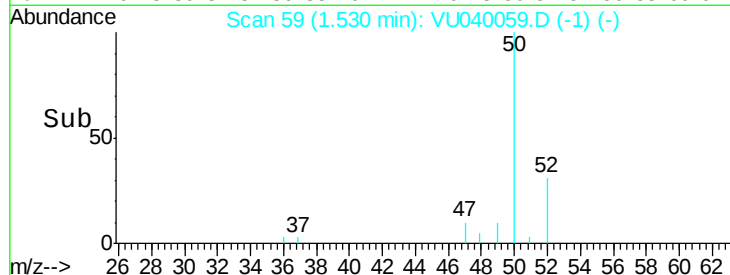
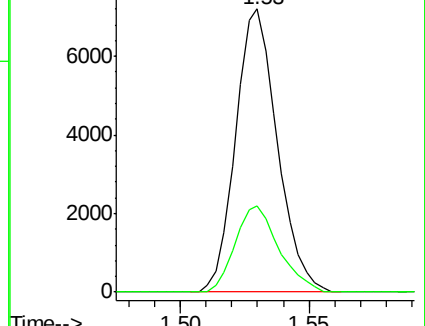
50 100

52 30.6 25.9 38.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 0.743 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040059.D

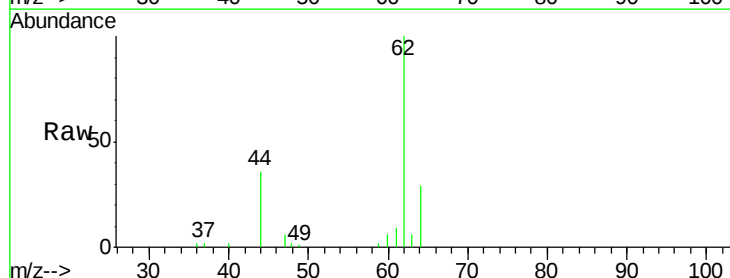
Acq: 09 Sep 2020 11:00

Tgt Ion: 62 Resp: 7860

Ion Ratio Lower Upper

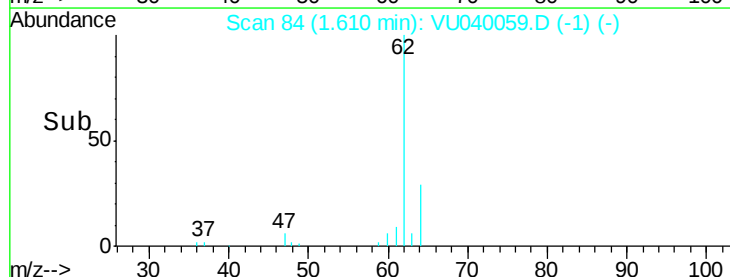
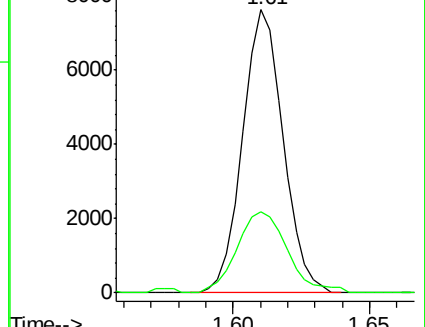
62 100

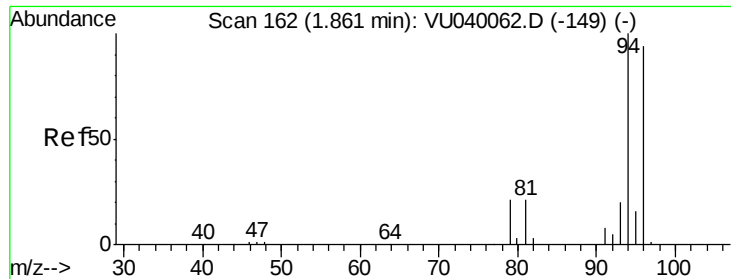
64 28.7 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

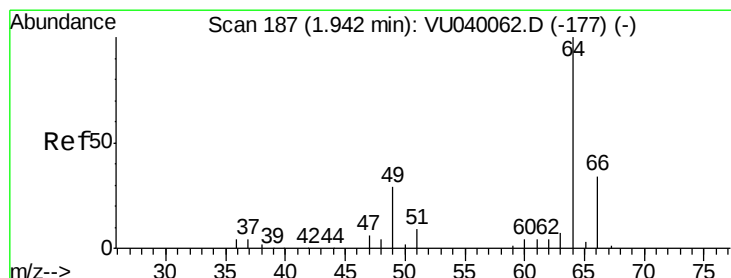
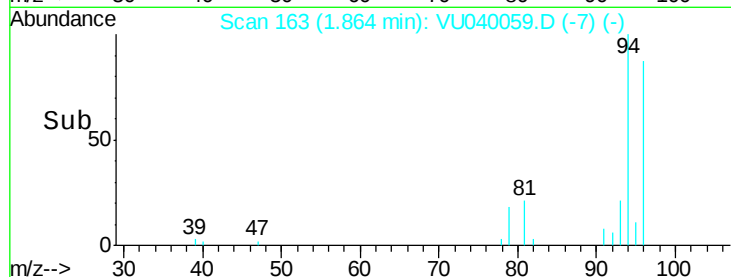
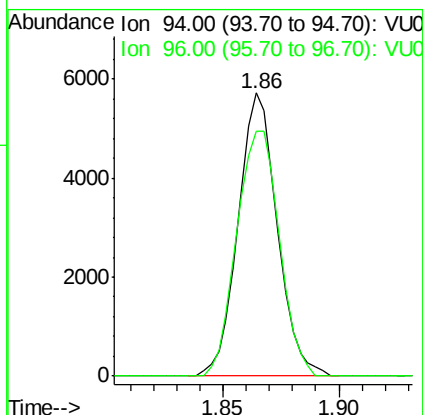
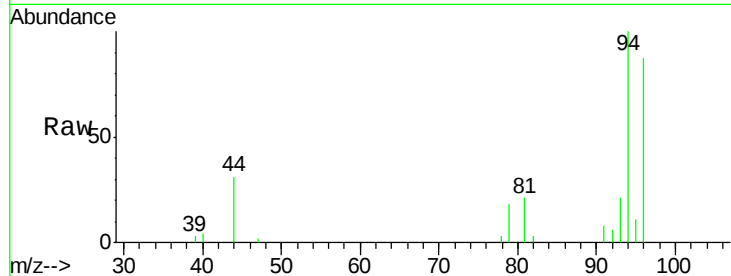




#5
Bromomethane
Concen: 0.919 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

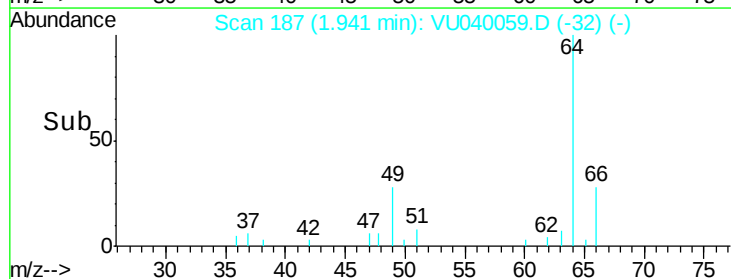
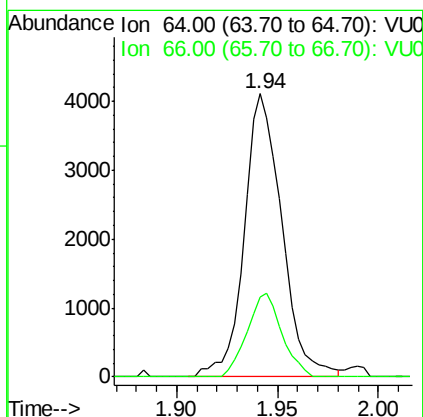
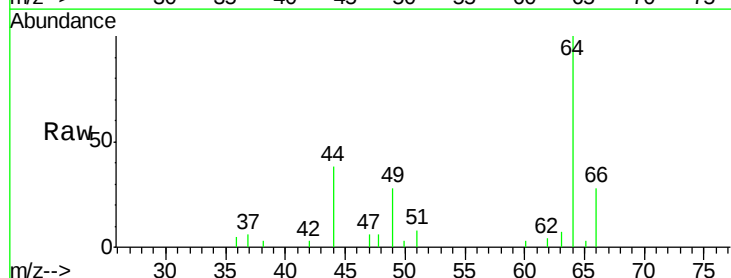
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

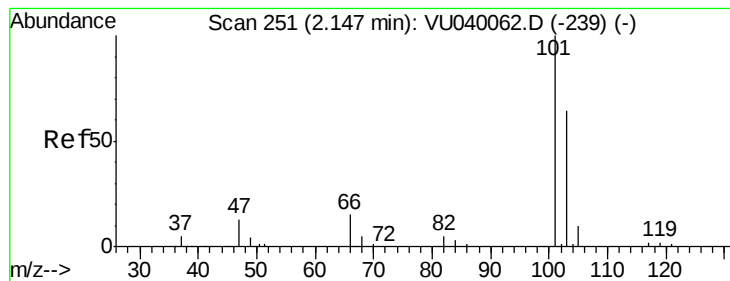
Tgt Ion: 94 Resp: 6696
Ion Ratio Lower Upper
94 100
96 86.5 75.4 113.2



#6
Chloroethane
Concen: 0.736 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 64 Resp: 5369
Ion Ratio Lower Upper
64 100
66 28.3 26.7 40.1



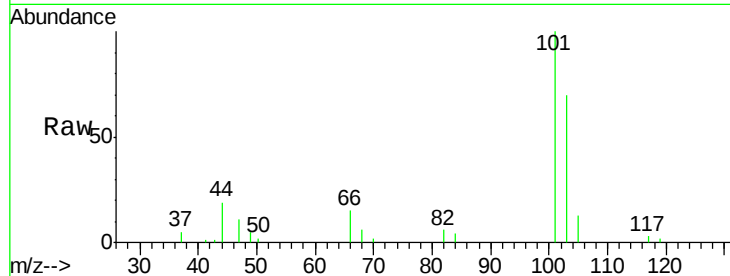


#7

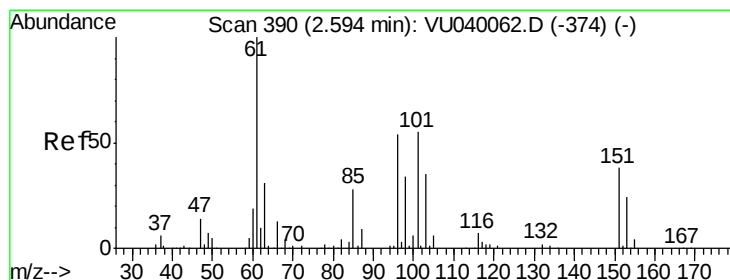
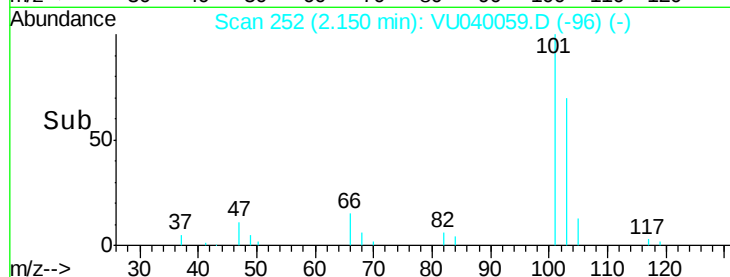
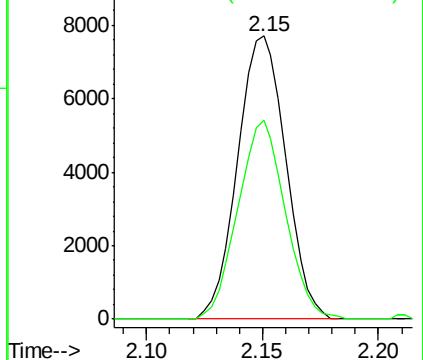
Trichlorofluoromethane
 Concen: 0.779 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 11119
 Ion Ratio Lower Upper
 101 100
 103 70.3 50.8 76.2



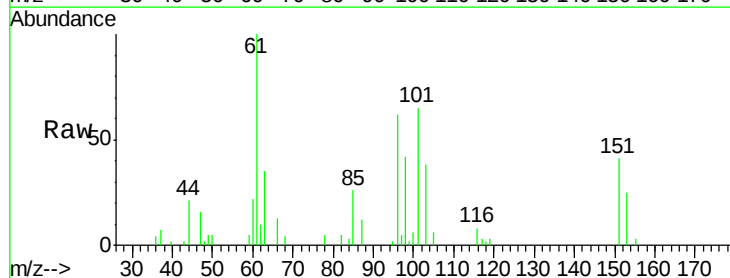
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



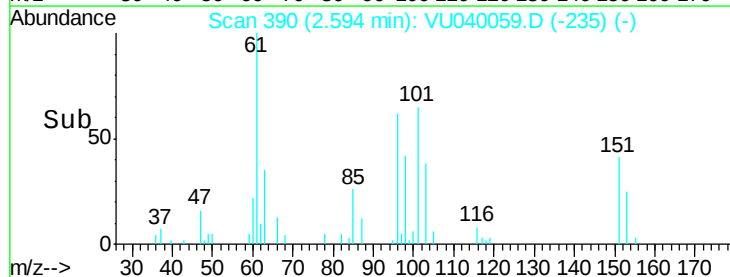
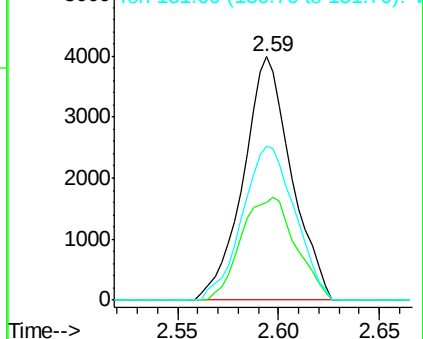
#8

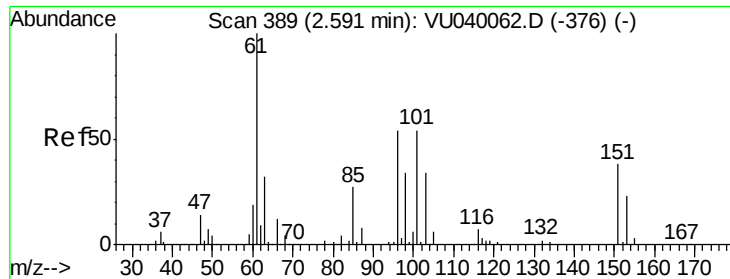
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.810 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:101 Resp: 6641
 Ion Ratio Lower Upper
 101 100
 85 47.8 38.5 57.7
 151 68.9 54.6 81.8



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 0.796 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

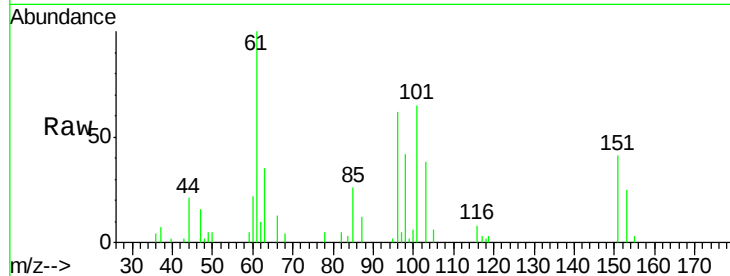
Tgt Ion: 96 Resp: 5925

Ion Ratio Lower Upper

96 100

61 161.2 0.0 557.1

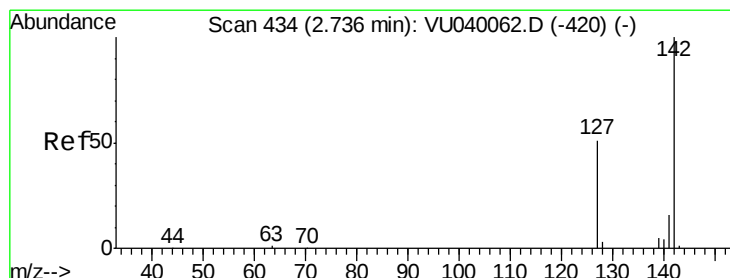
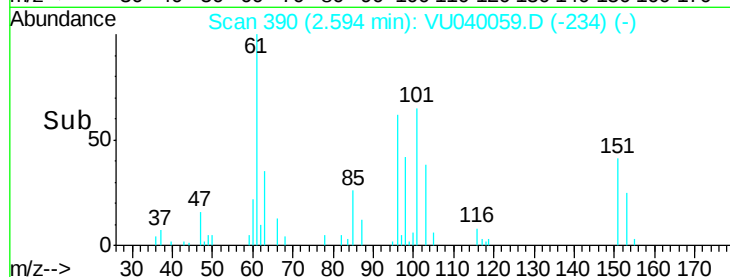
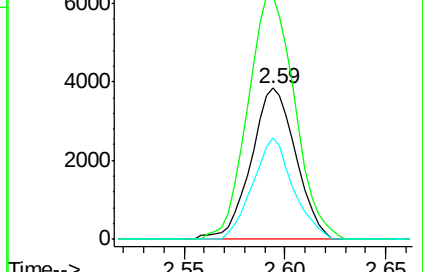
98 67.5 0.0 125.6



Abundance Ion 96.00 (95.70 to 96.70): VU040062.D (-376) (-)

Ion 61.00 (60.70 to 61.70): VU040062.D (-376) (-)

Ion 98.00 (97.70 to 98.70): VU040062.D (-376) (-)



#10

Iodomethane

Concen: 0.326 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU040059.D

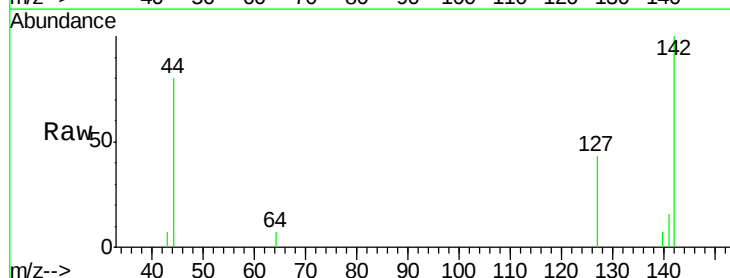
Acq: 09 Sep 2020 11:00

Tgt Ion: 142 Resp: 2415

Ion Ratio Lower Upper

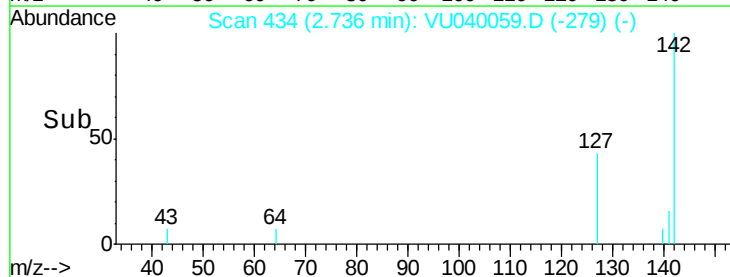
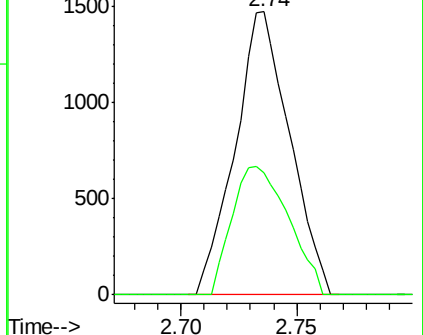
142 100

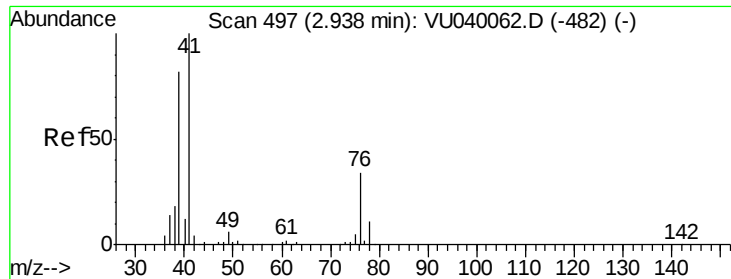
127 46.9 41.4 62.0



Abundance Ion 142.00 (141.70 to 142.70): VU040062.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU040062.D (-420) (-)

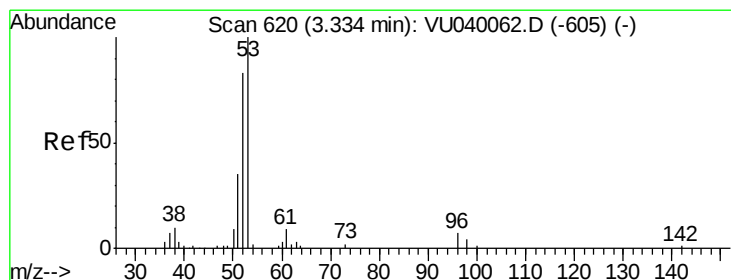
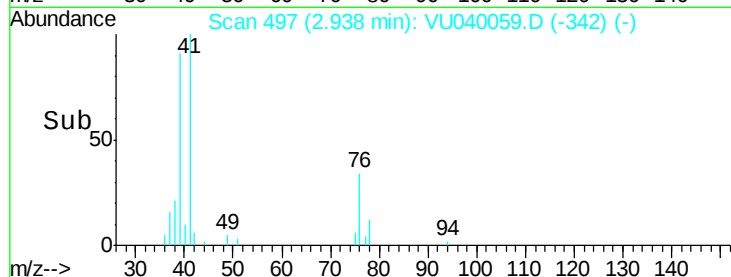
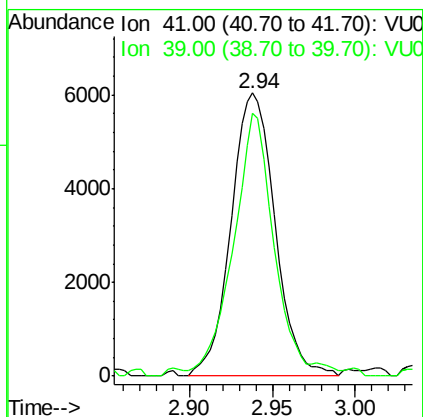
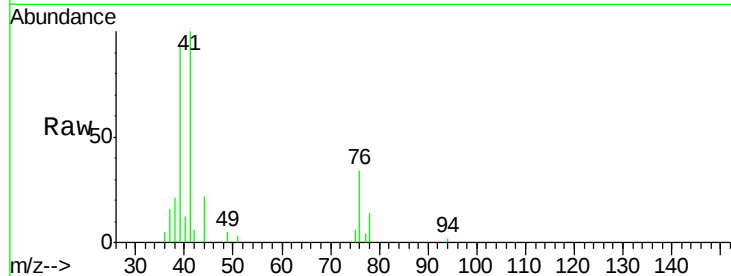




#11
 Allyl Chloride
 Concen: 0.702 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

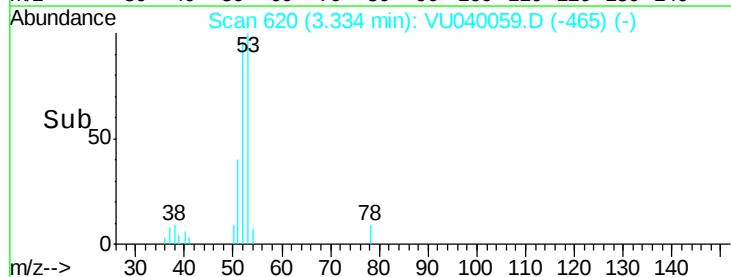
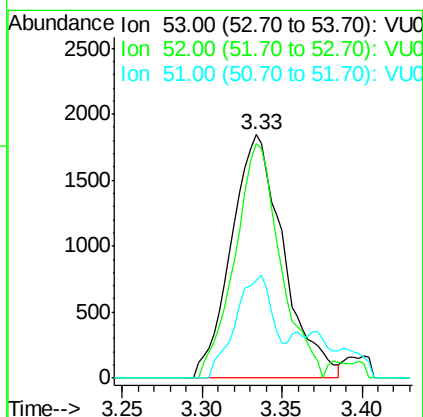
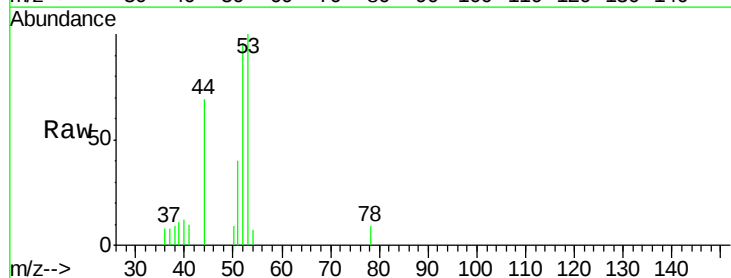
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

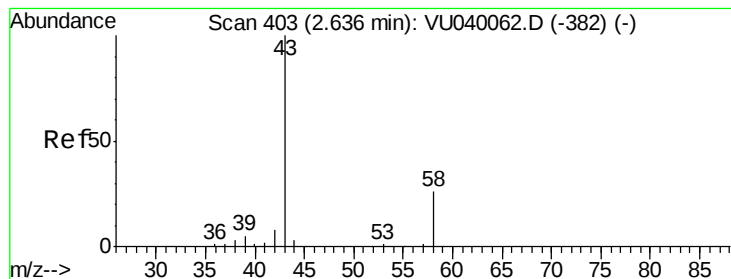
Tgt Ion: 41 Resp: 11143
 Ion Ratio Lower Upper
 41 100
 39 81.0 64.6 96.8



#12
 Acrylonitrile
 Concen: 1.575 ug/l
 RT: 3.33 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 53 Resp: 4123
 Ion Ratio Lower Upper
 53 100
 52 83.7 64.0 96.0
 51 31.5 28.2 42.2





#13

Acetone

Concen: 3.842 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

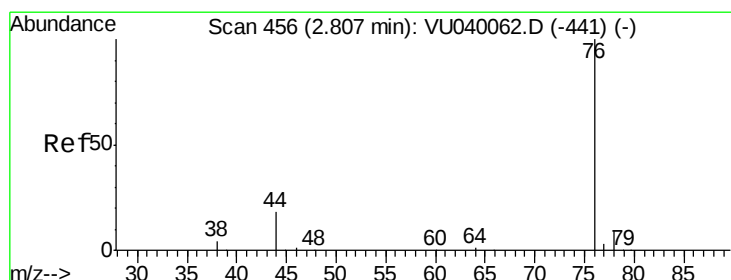
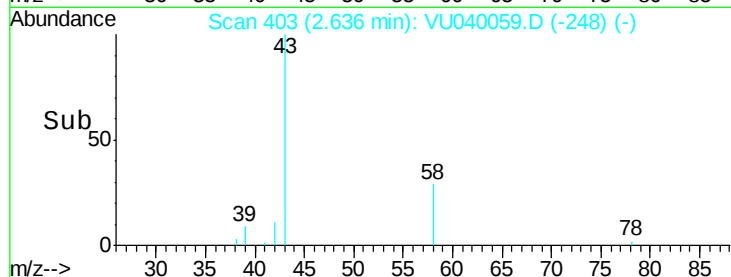
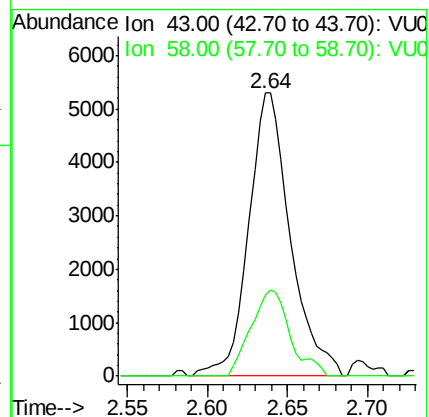
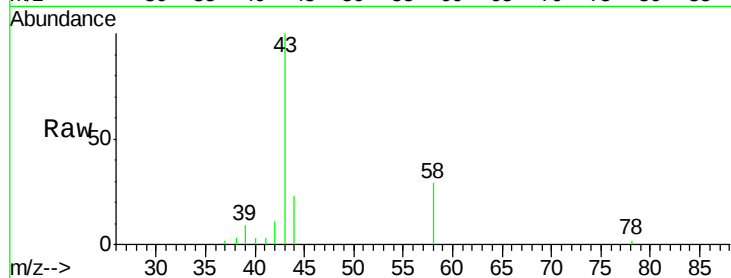
VSTDIC001

Tgt Ion: 43 Resp: 9477

Ion Ratio Lower Upper

43 100

58 28.7 20.6 31.0



#14

Carbon Disulfide

Concen: 0.593 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040059.D

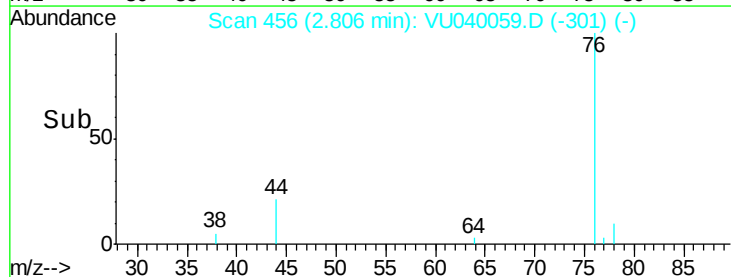
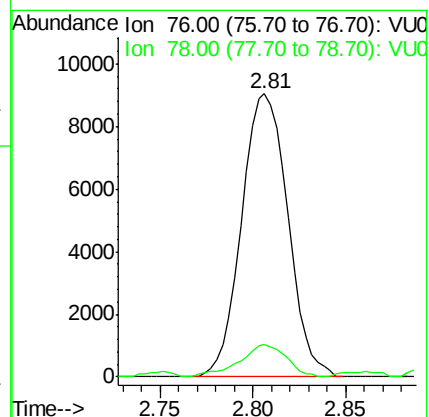
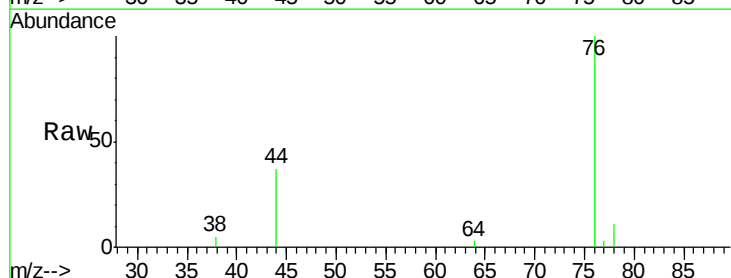
Acq: 09 Sep 2020 11:00

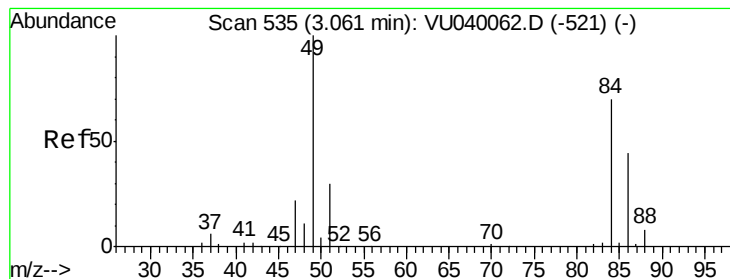
Tgt Ion: 76 Resp: 15677

Ion Ratio Lower Upper

76 100

78 11.4 7.2 10.8#





#15

Methylene Chloride

Concen: 0.957 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 84 Resp: 10008

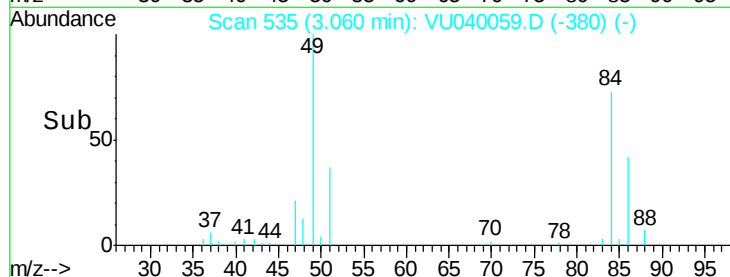
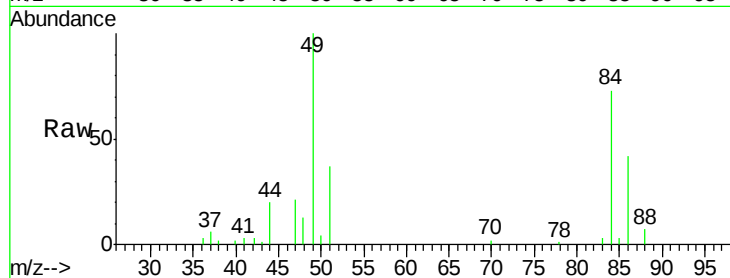
Ion Ratio Lower Upper

84 100

49 137.5 114.3 171.5

51 47.9 0.0 84.6

86 58.3 50.6 76.0

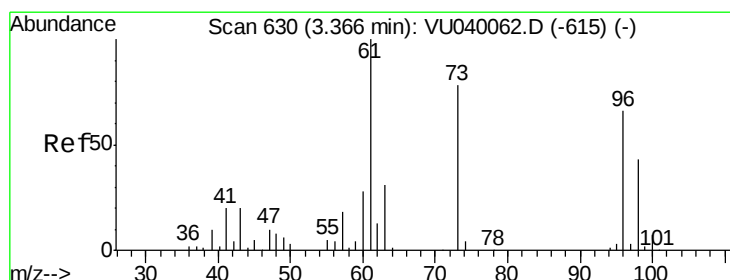
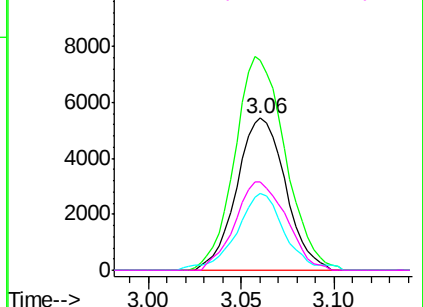


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 0.738 ug/l

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

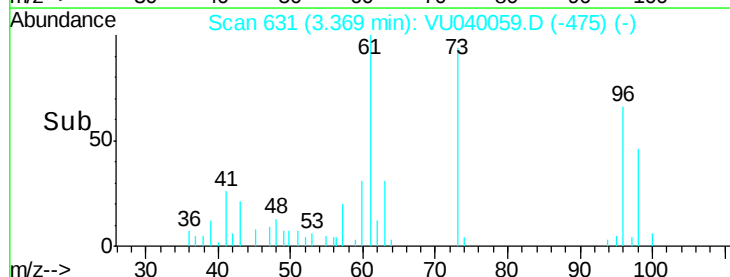
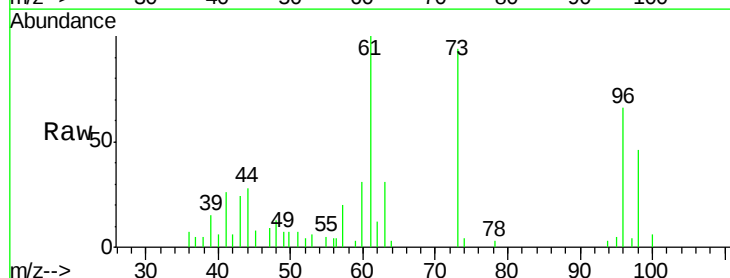
Tgt Ion: 96 Resp: 6237

Ion Ratio Lower Upper

96 100

61 151.6 121.4 182.0

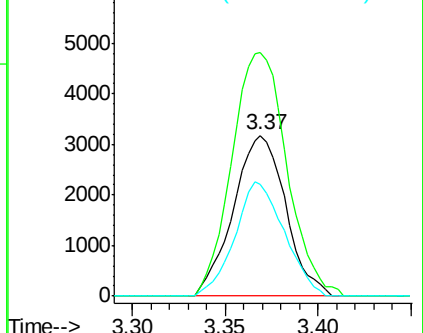
98 69.4 51.9 77.9

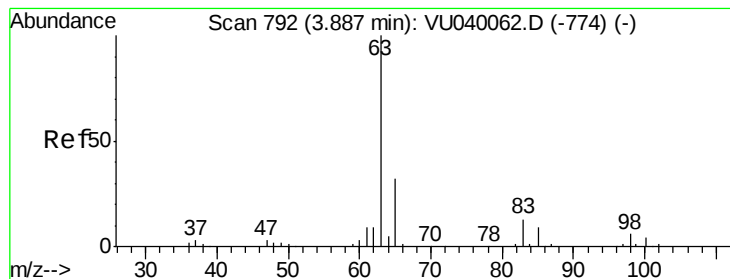


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 0.732 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

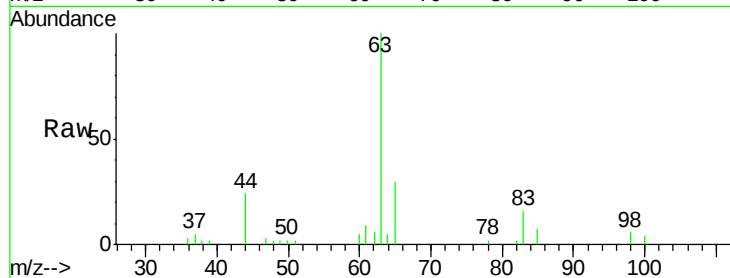
Tgt Ion: 63 Resp: 13492

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.4

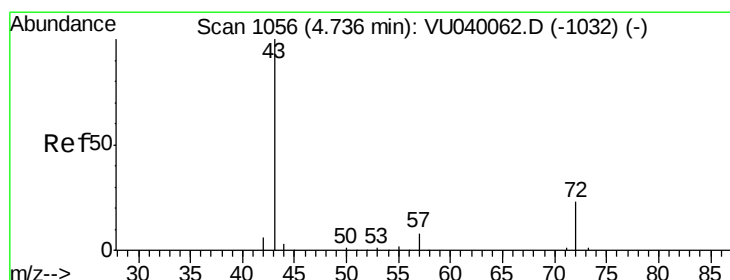
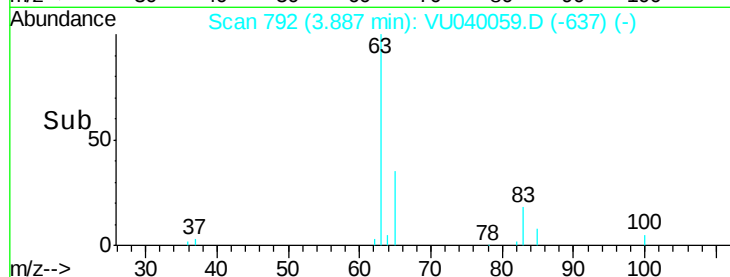
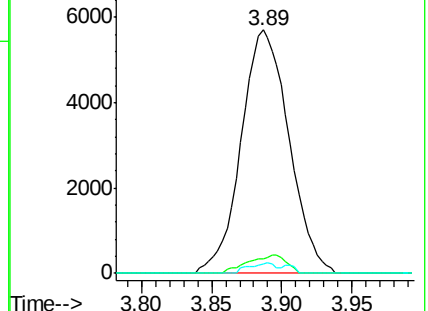
100 4.0 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VU040062.D (-774) (-)

Ion 98.00 (97.70 to 98.70): VU040062.D (-774) (-)

Ion 100.00 (99.70 to 100.70): VU040062.D (-774) (-)



#18

2-Butanone

Concen: 3.712 ug/l

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU040059.D

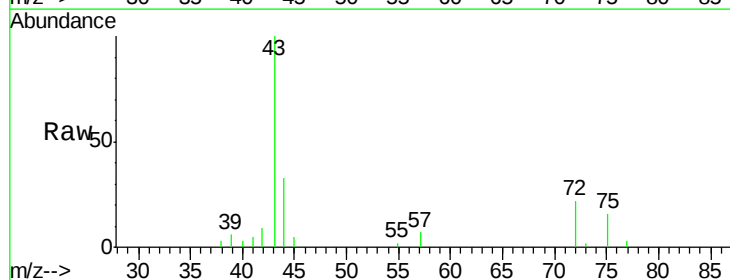
Acq: 09 Sep 2020 11:00

Tgt Ion: 43 Resp: 15147

Ion Ratio Lower Upper

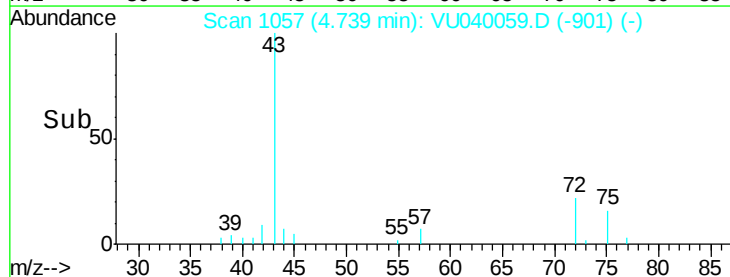
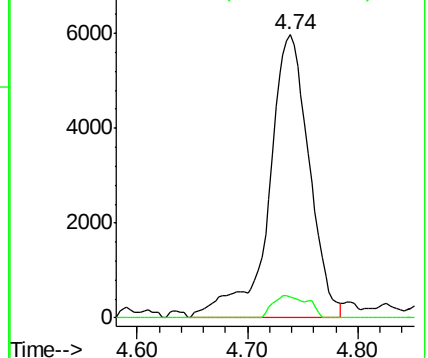
43 100

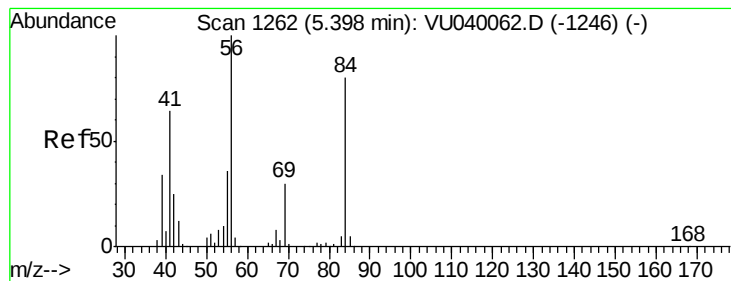
57 7.3 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040062.D (-1032) (-)

Ion 57.00 (56.70 to 57.70): VU040062.D (-1032) (-)





#19

Cyclohexane

Concen: 0.564 ug/l

RT: 5.40 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

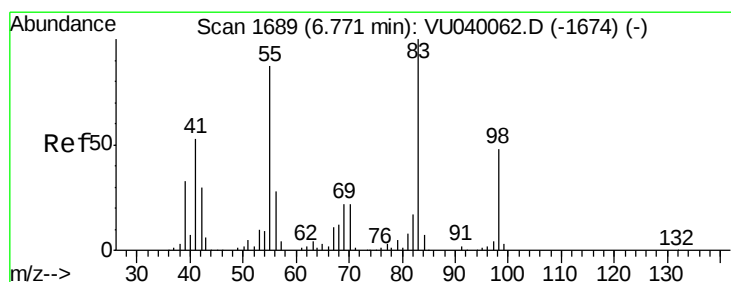
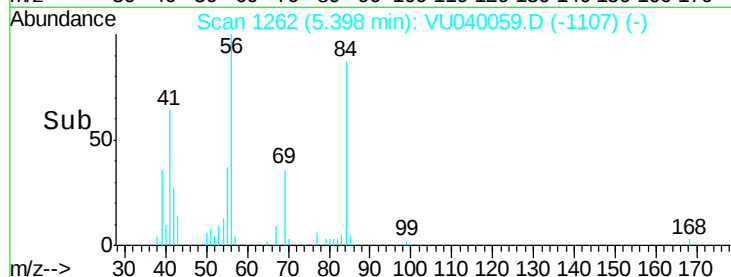
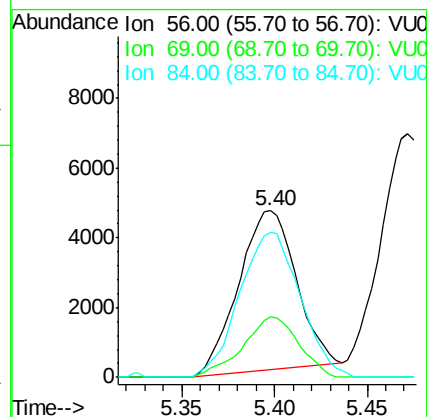
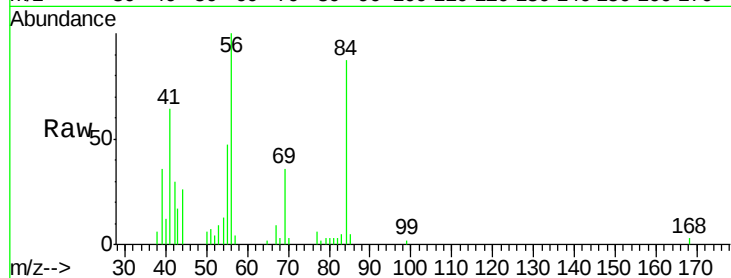
Tgt Ion: 56 Resp: 9930

Ion Ratio Lower Upper

56 100

69 36.7 23.5 35.3#

84 94.9 63.8 95.6



#20

Methylcyclohexane

Concen: 0.686 ug/l

RT: 6.77 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

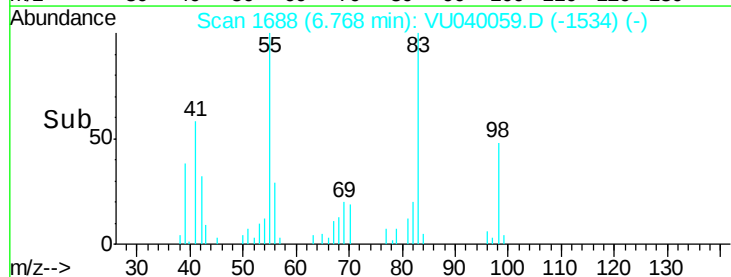
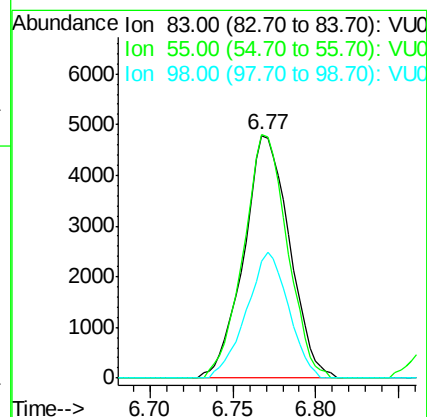
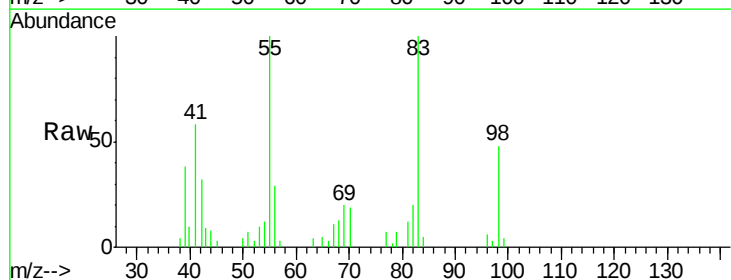
Tgt Ion: 83 Resp: 9137

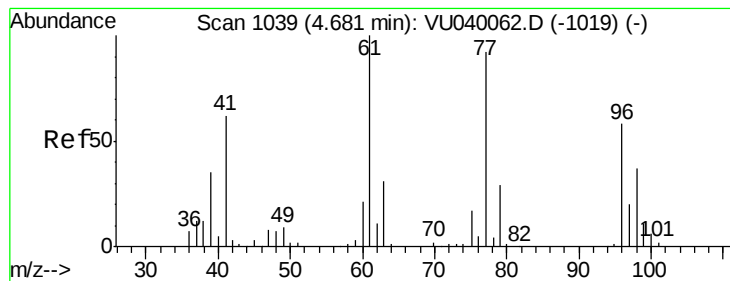
Ion Ratio Lower Upper

83 100

55 96.5 69.4 104.2

98 47.9 37.5 56.3





#21

2,2-Dichloropropane

Concen: 0.898 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

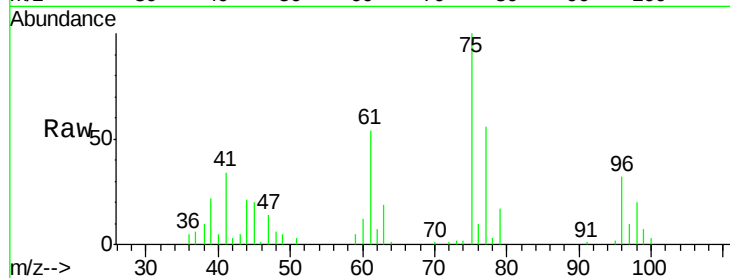
VSTDIC001

Tgt Ion: 77 Resp: 13752

Ion Ratio Lower Upper

77 100

97 17.0 16.4 24.6



Abundance Ion 77.00 (76.70 to 77.70): VU040062.D (-1019) (-)

Ion 97.00 (96.70 to 97.70): VU040062.D (-1019) (-)

4.68

6000

5000

4000

3000

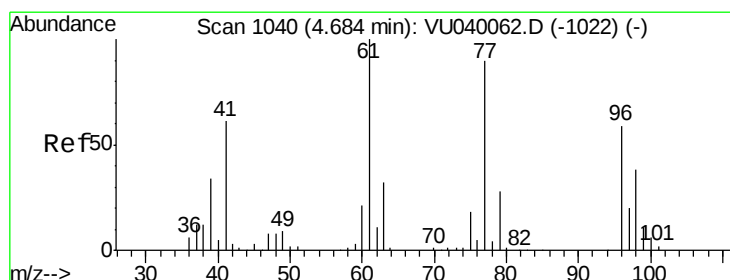
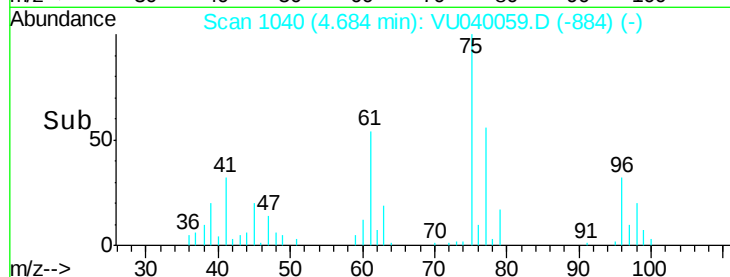
2000

1000

0

4.60 4.65 4.70 4.75

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.768 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

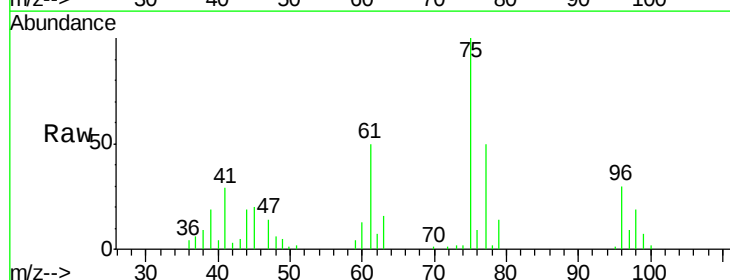
Tgt Ion: 96 Resp: 7038

Ion Ratio Lower Upper

96 100

61 174.6 0.0 420.0

98 64.6 31.8 95.3



Abundance Ion 96.00 (95.70 to 96.70): VU040062.D (-1022) (-)

Ion 61.00 (60.70 to 61.70): VU040062.D (-1022) (-)

Ion 98.00 (97.70 to 98.70): VU040062.D (-1022) (-)

4.69

6000

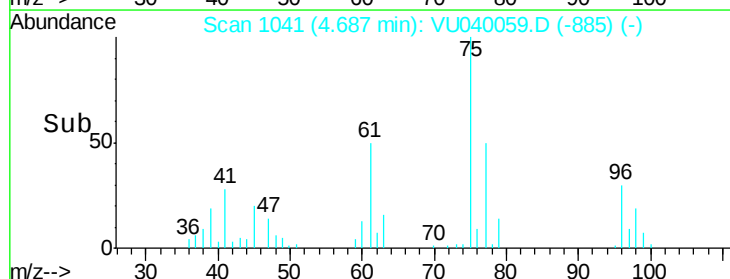
4000

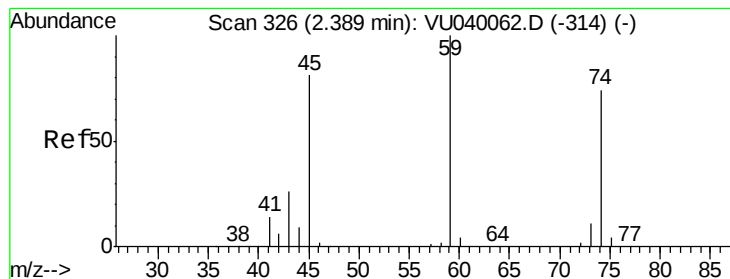
2000

0

4.65 4.70 4.75

Time-->





#23

Diethyl Ether

Concen: 0.724 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

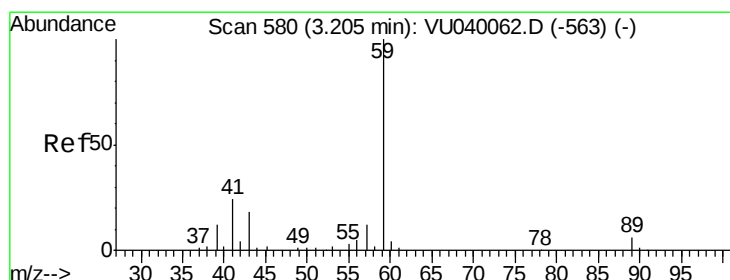
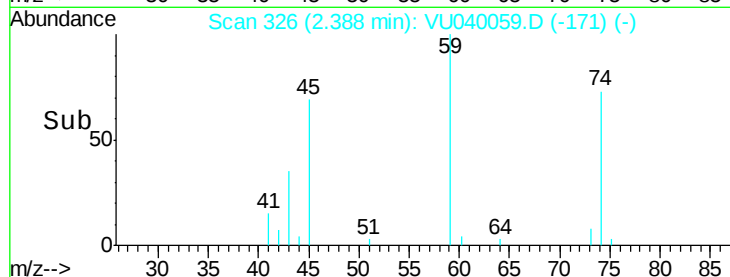
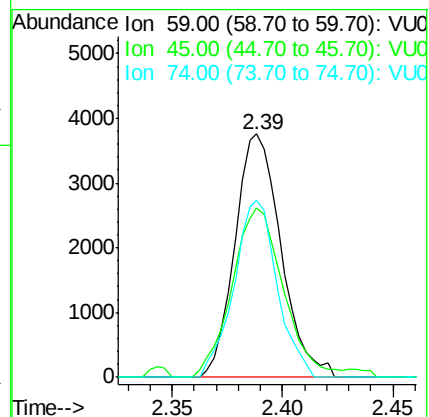
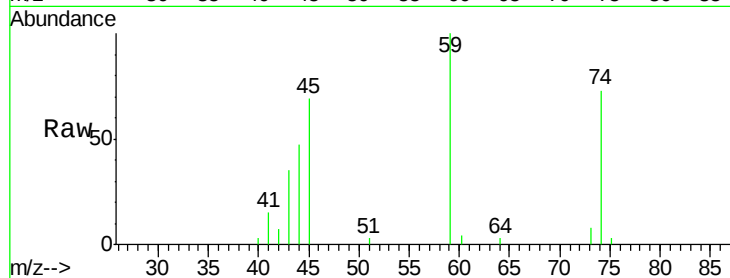
Tgt Ion: 59 Resp: 5468

Ion Ratio Lower Upper

59 100

45 77.7 62.4 93.6

74 68.0 57.7 86.5



#24

tert-Butyl Alcohol

Concen: 5.677 ug/l

RT: 3.20 min Scan# 580

Delta R.T. -0.00 min

Lab File: VU040059.D

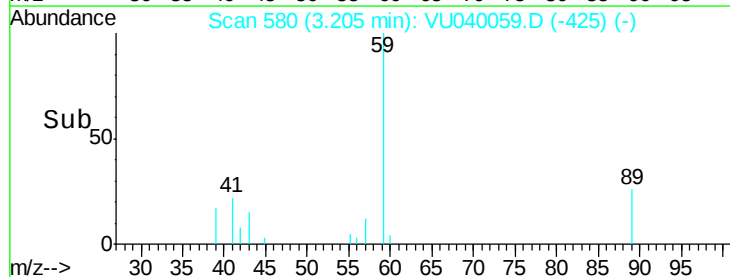
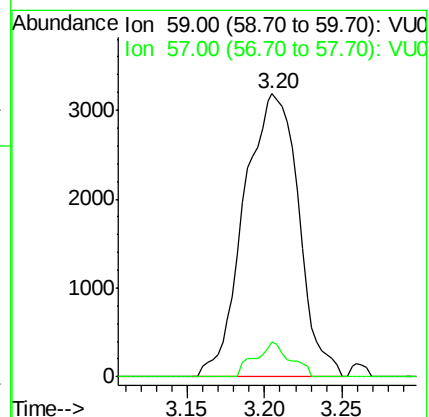
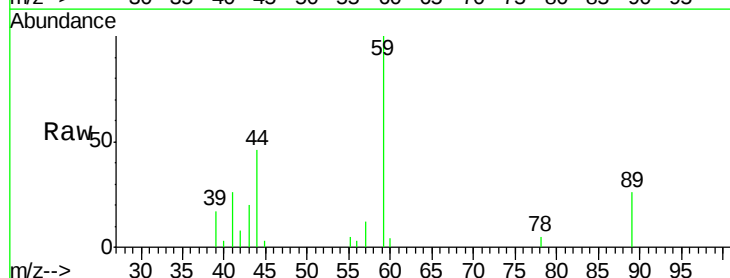
Acq: 09 Sep 2020 11:00

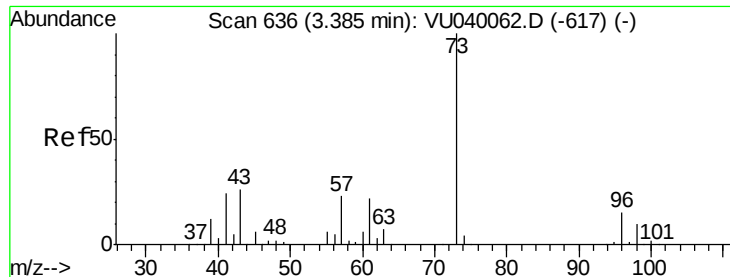
Tgt Ion: 59 Resp: 7785

Ion Ratio Lower Upper

59 100

57 7.9 9.0 13.6#

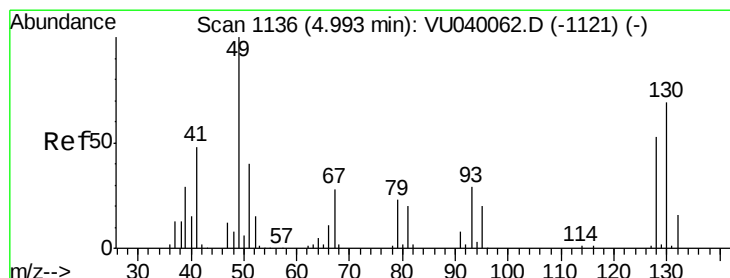
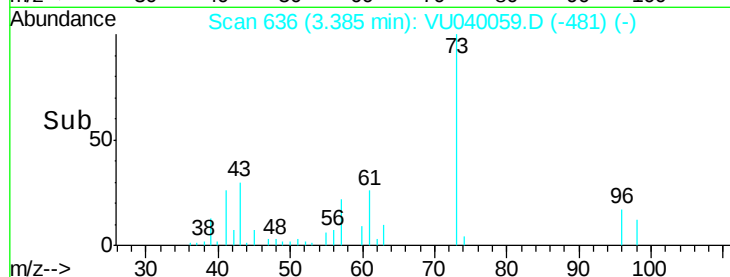
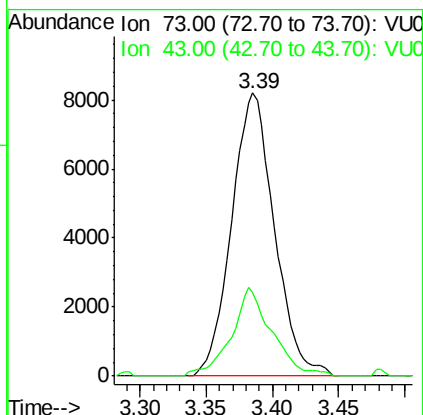
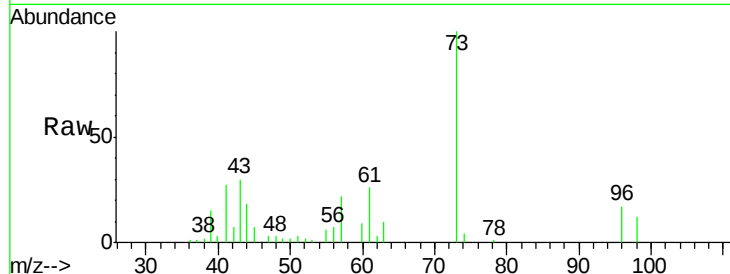




#25
Methyl tert-Butyl Ether
Concen: 0.755 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

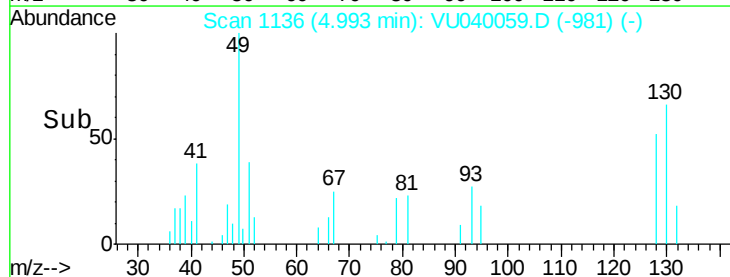
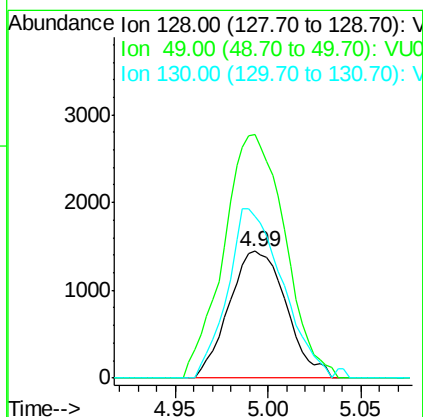
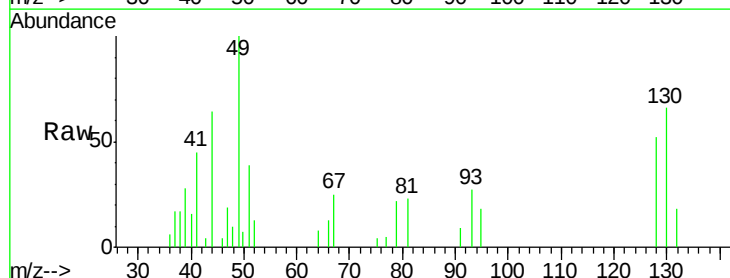
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

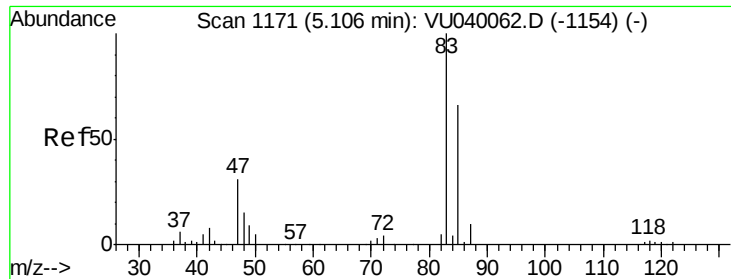
Tgt Ion: 73 Resp: 18377
Ion Ratio Lower Upper
73 100
43 29.6 20.0 30.0



#26
Bromochloromethane
Concen: 0.821 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 128 Resp: 3108
Ion Ratio Lower Upper
128 100
49 204.4 0.0 390.6
130 127.9 104.9 157.3





#27

Chloroform

Concen: 0.795 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

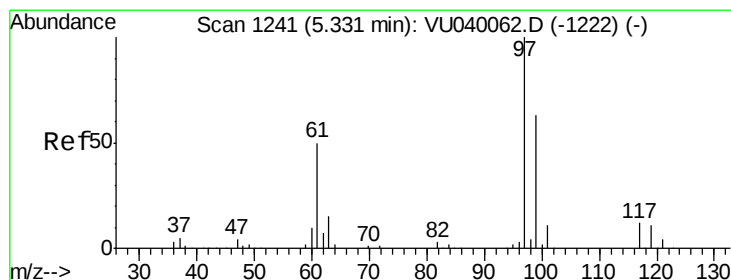
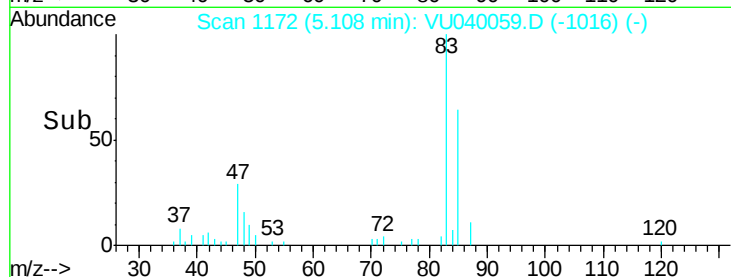
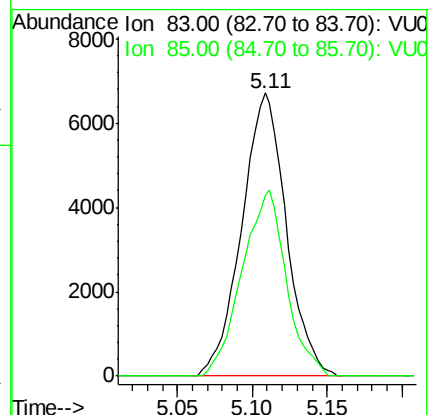
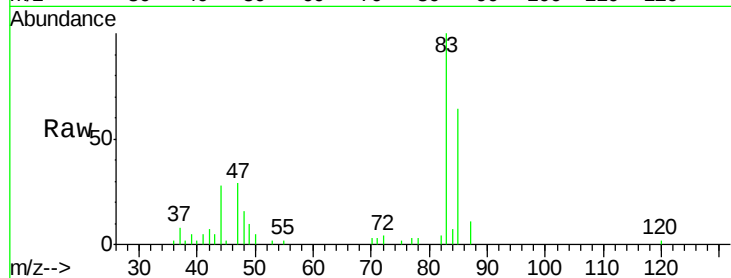
VSTDIC001

Tgt Ion: 83 Resp: 13898

Ion Ratio Lower Upper

83 100

85 63.8 0.0 132.4



#28

1,1,1-Trichloroethane

Concen: 0.873 ug/l

RT: 5.33 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

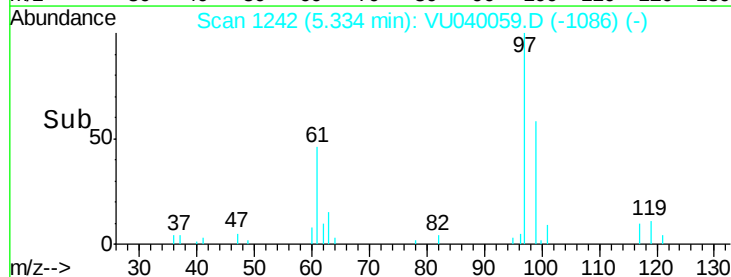
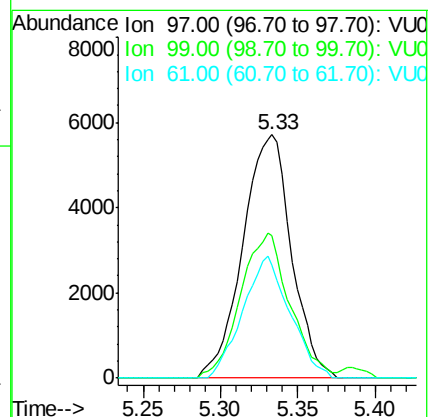
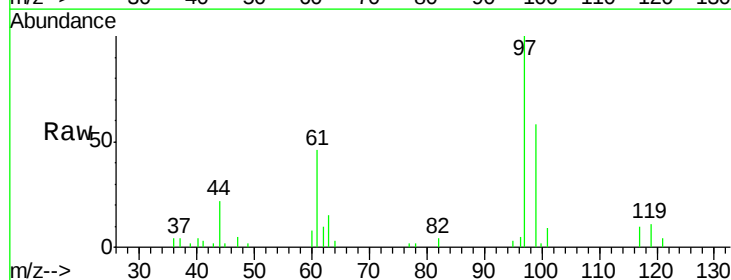
Tgt Ion: 97 Resp: 12492

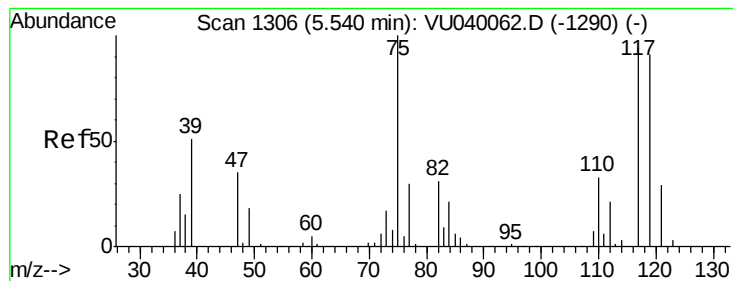
Ion Ratio Lower Upper

97 100

99 60.5 31.8 95.4

61 48.4 25.1 75.2





#29

1,1-Dichloropropene

Concen: 0.722 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

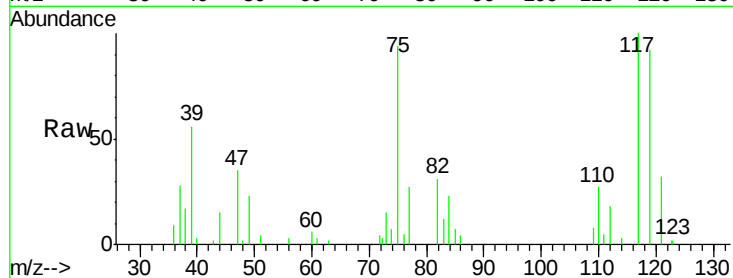
Tgt Ion: 75 Resp: 9793

Ion Ratio Lower Upper

75 100

110 28.4 16.2 48.6

77 34.2 25.3 37.9

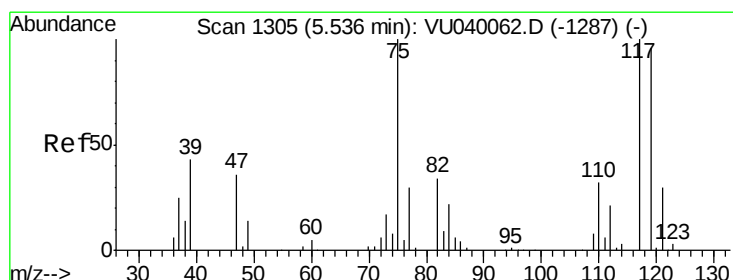
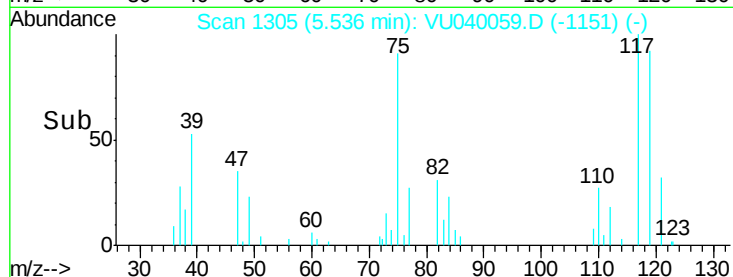


Abundance Ion 75.00 (74.70 to 75.70): VU040062.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU040062.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-1290) (-)

Time-->



#30

Carbon Tetrachloride

Concen: 0.897 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

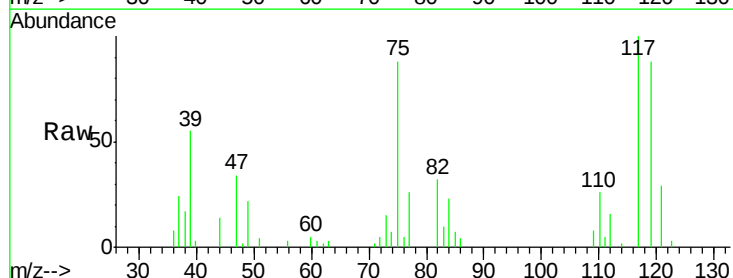
Tgt Ion: 117 Resp: 10665

Ion Ratio Lower Upper

117 100

119 87.8 77.0 115.4

121 28.5 24.2 36.4

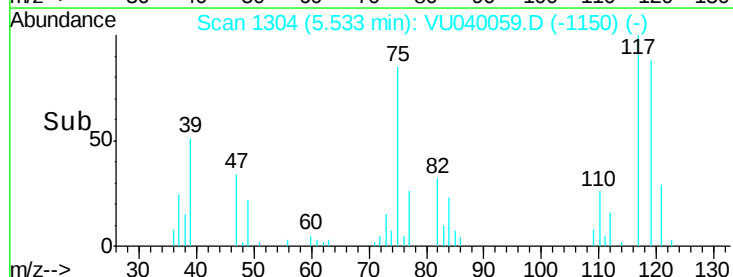


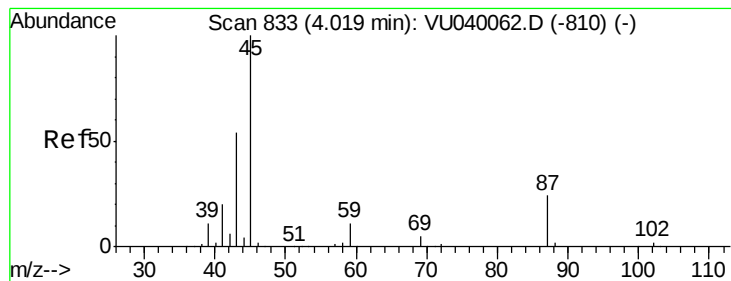
Abundance Ion 117.00 (116.70 to 117.70): VU040062.D (-1287) (-)

Ion 119.00 (118.70 to 119.70): VU040062.D (-1287) (-)

Ion 121.00 (120.70 to 121.70): VU040062.D (-1287) (-)

Time-->





#31

Isopropyl Ether

Concen: 0.716 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

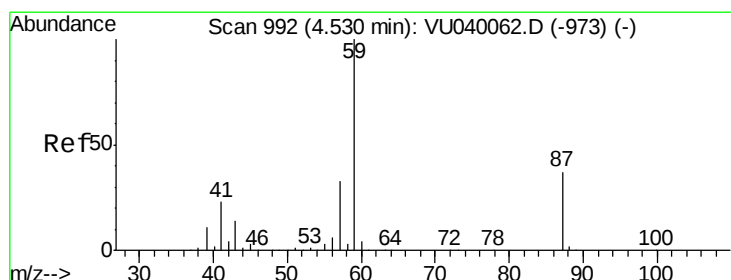
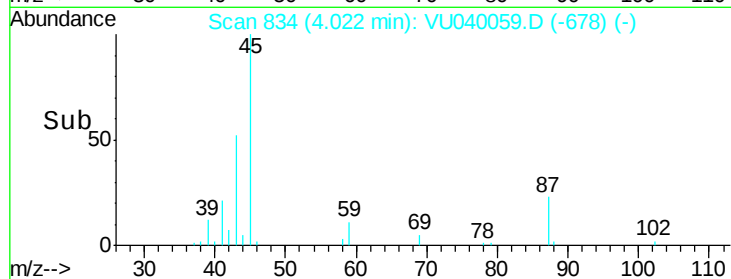
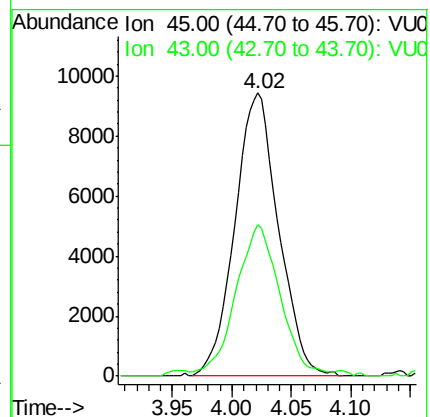
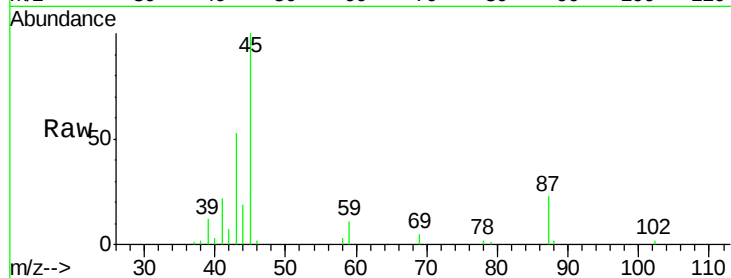
VSTDIC001

Tgt Ion: 45 Resp: 23972

Ion Ratio Lower Upper

45 100

43 54.1 27.9 83.7



#32

Ethyl-t-butyl ether

Concen: 0.715 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU040059.D

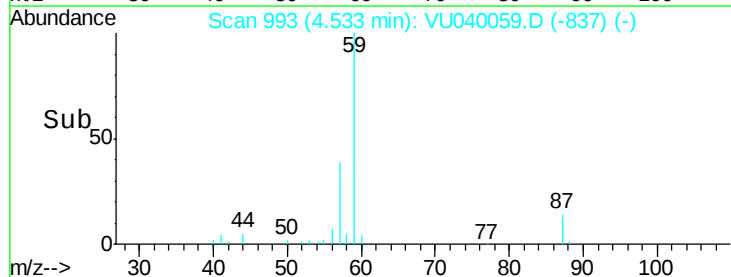
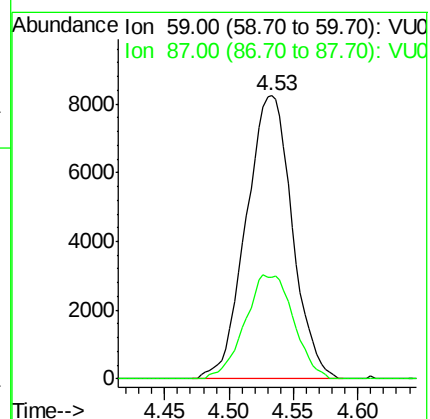
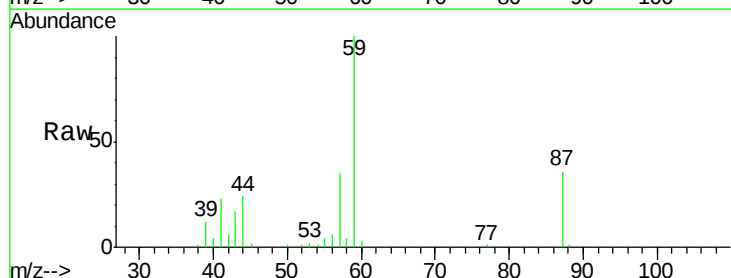
Acq: 09 Sep 2020 11:00

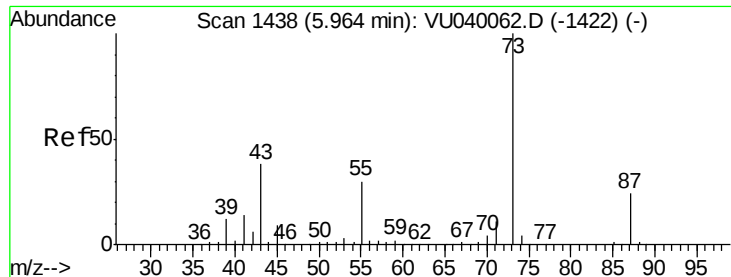
Tgt Ion: 59 Resp: 20554

Ion Ratio Lower Upper

59 100

87 38.6 30.7 46.1

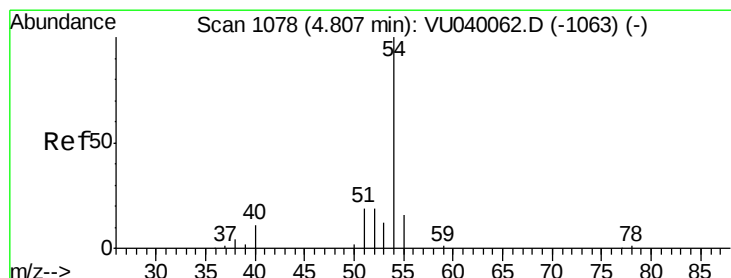
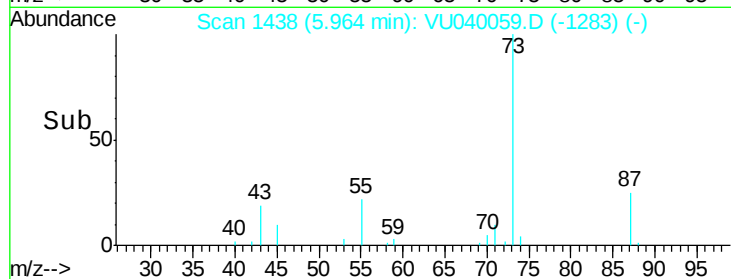
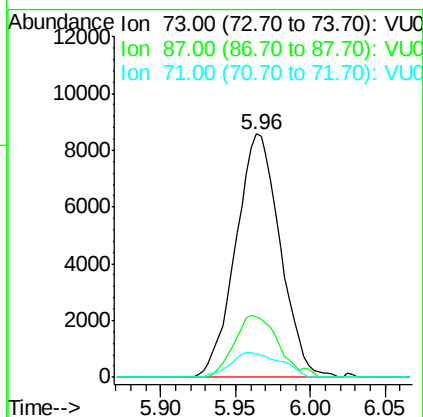
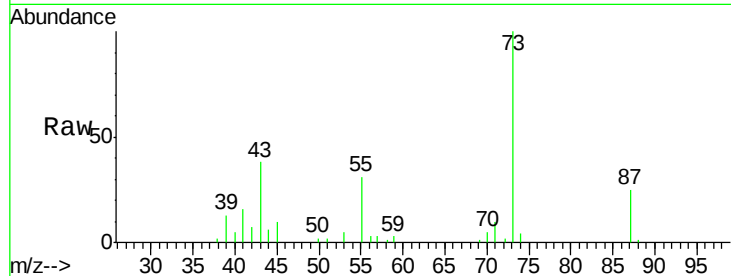




#33
Tert-Amyl methyl ether
Concen: 0.830 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

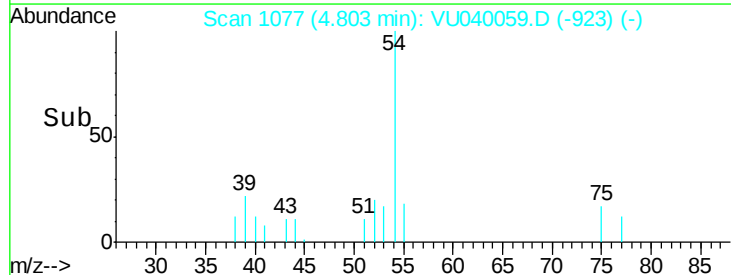
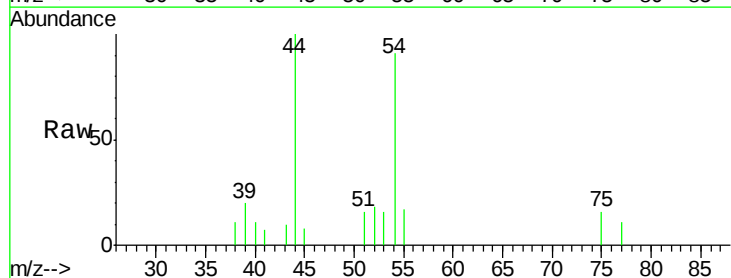
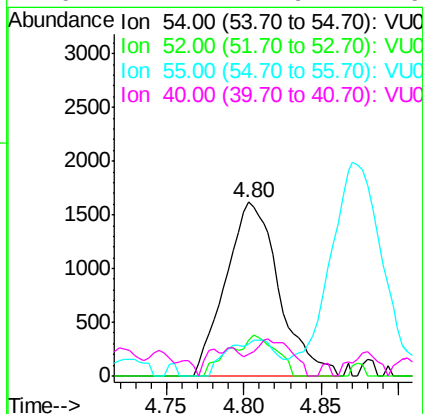
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

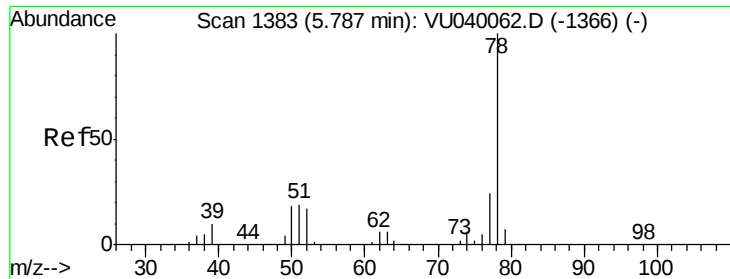
Tgt Ion: 73 Resp: 17687
Ion Ratio Lower Upper
73 100
87 25.4 19.4 29.0
71 11.7 9.2 13.8



#34
Propionitrile
Concen: 3.839 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 54 Resp: 3874
Ion Ratio Lower Upper
54 100
52 13.8 16.2 24.4#
55 18.8 12.6 18.8
40 14.1 7.9 11.9#





#35

Benzene

Concen: 0.835 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

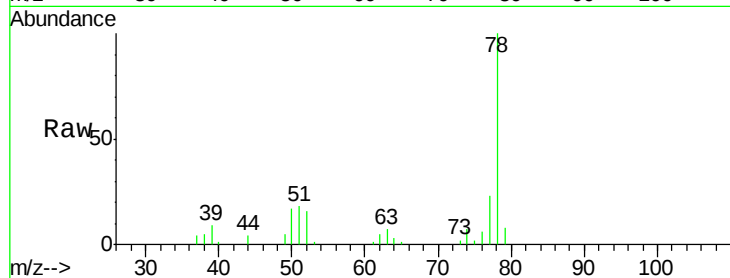
VSTDIC001

Tgt Ion: 78 Resp: 28514

Ion Ratio Lower Upper

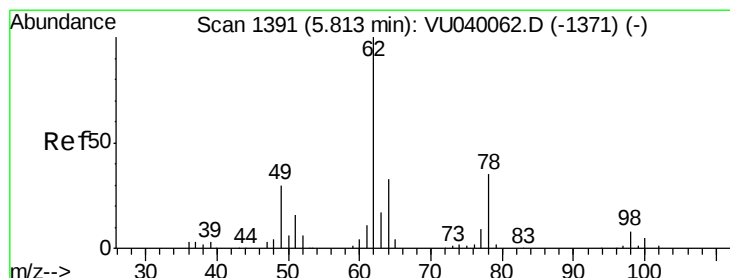
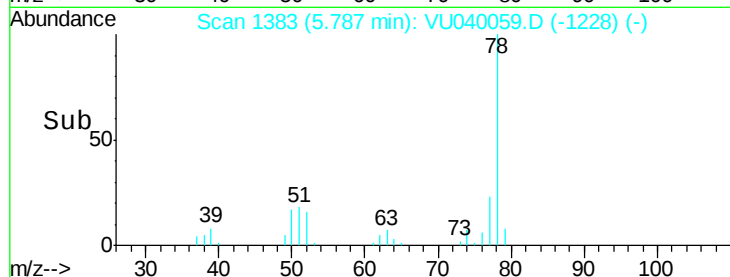
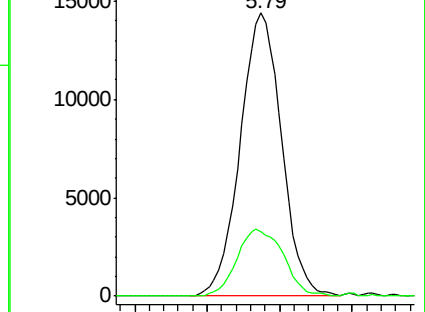
78 100

77 22.7 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU040062.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU040059.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 0.802 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040059.D

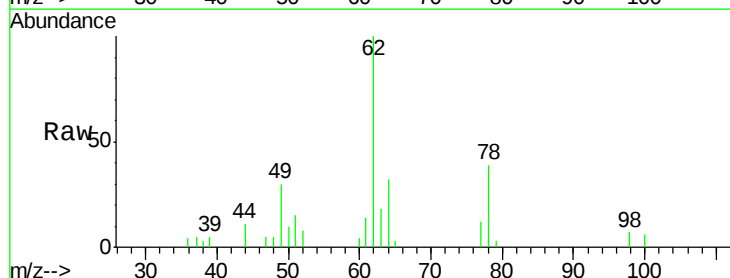
Acq: 09 Sep 2020 11:00

Tgt Ion: 62 Resp: 10306

Ion Ratio Lower Upper

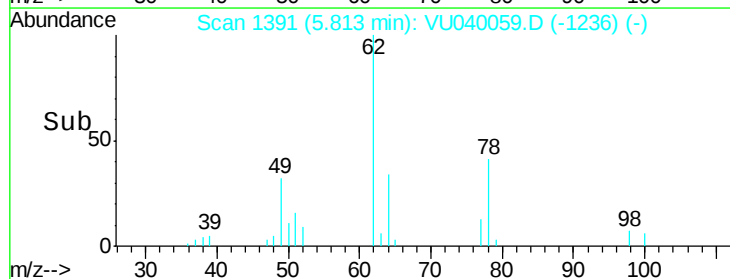
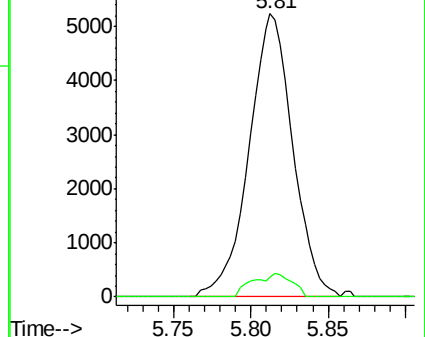
62 100

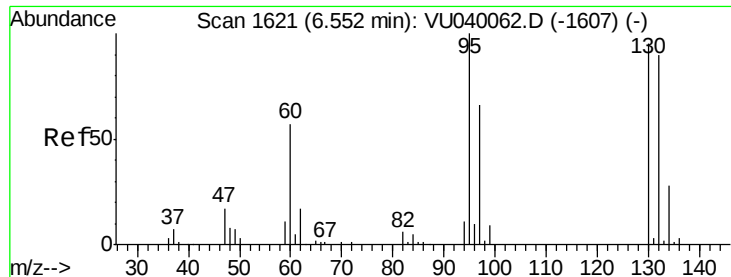
98 7.3 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU040062.D (-1371) (-)

Ion 98.00 (97.70 to 98.70): VU040059.D (-1236) (-)

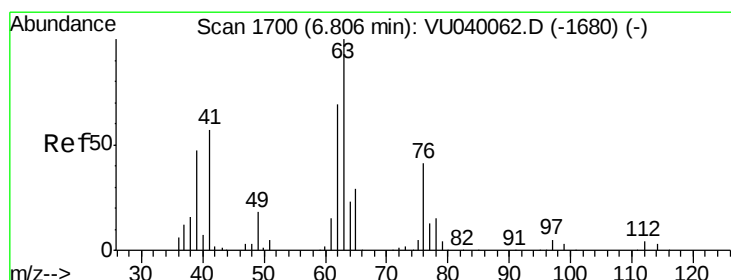
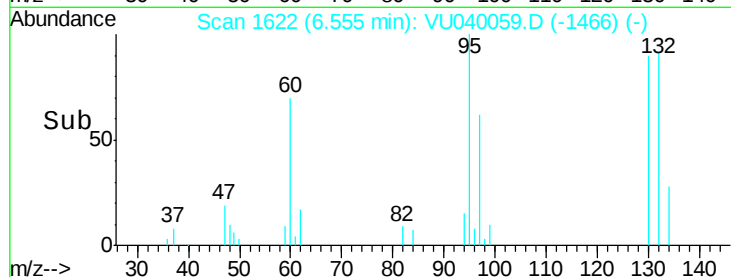
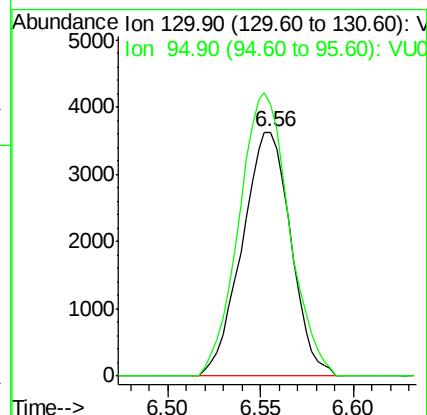
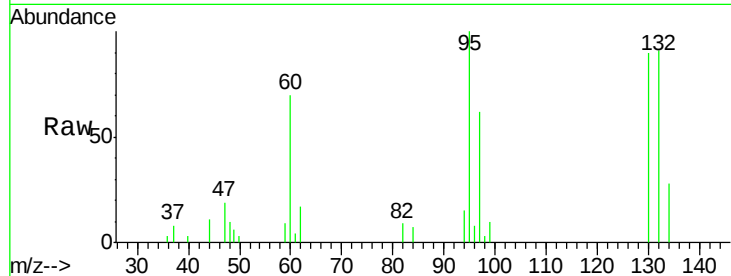




#37
 Trichloroethene
 Concen: 0.843 ug/l
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

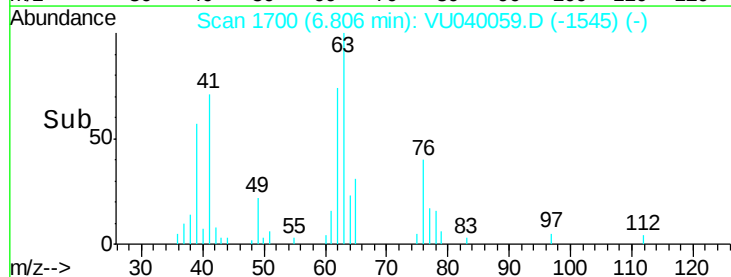
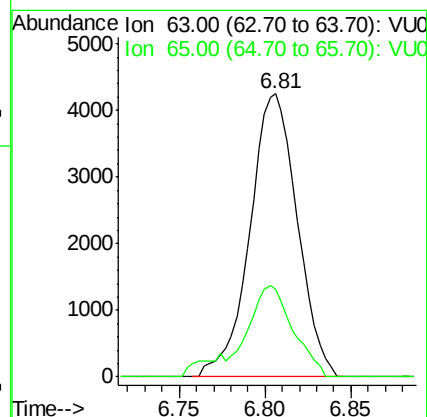
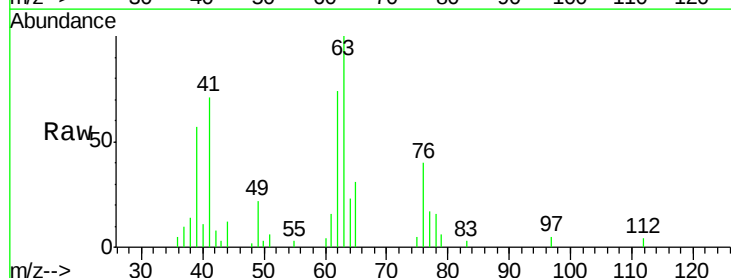
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

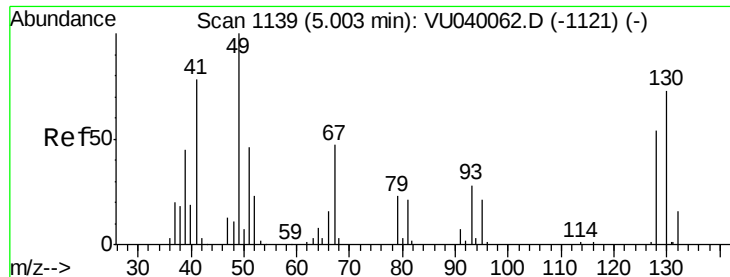
Tgt Ion: 130 Resp: 6660
 Ion Ratio Lower Upper
 130 100
 95 111.1 84.2 126.2



#38
 1,2-Dichloropropane
 Concen: 0.864 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 63 Resp: 8115
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.0 34.6

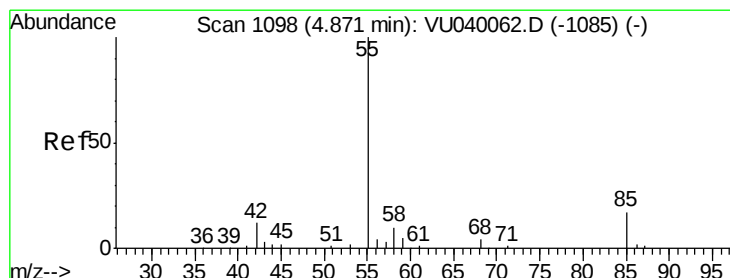
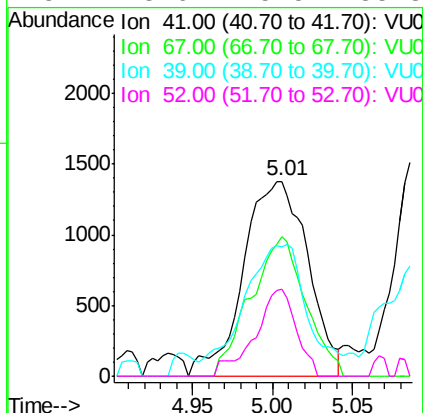
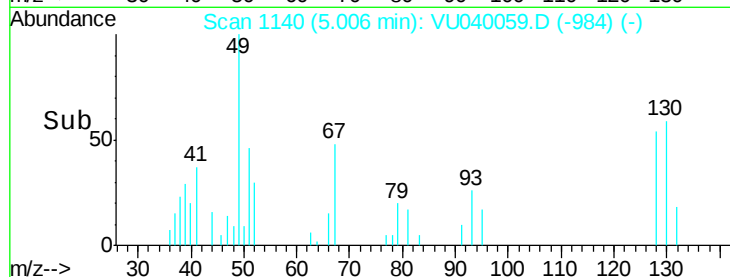
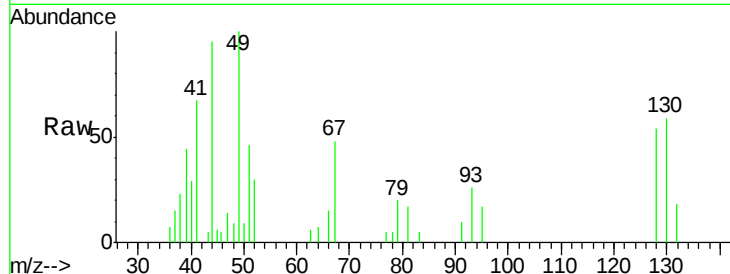




#39
Methacrylonitrile
Concen: 0.714 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

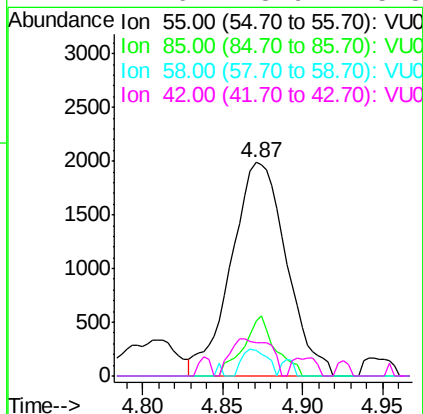
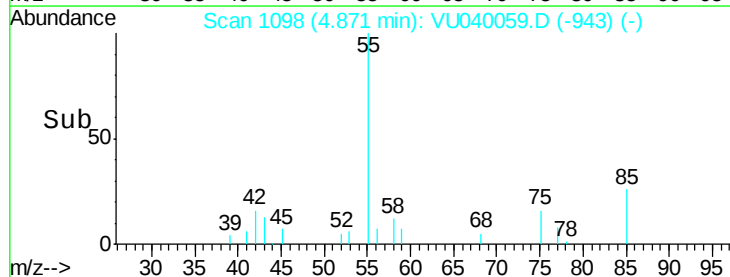
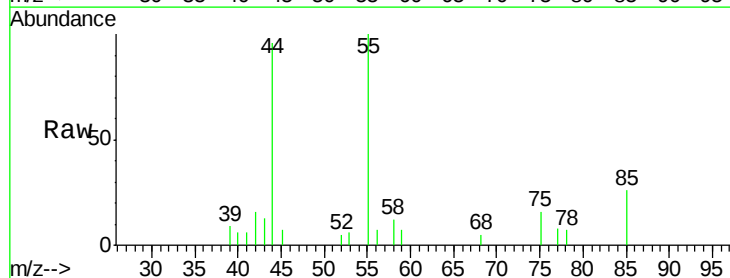
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

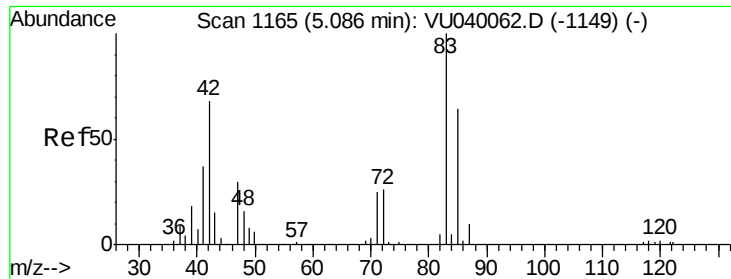
Tgt Ion:	41	Resp:	3829
Ion	Ratio	Lower	Upper
41	100		
67	61.2	49.2	73.8
39	62.3	46.5	69.7
52	28.6	25.5	38.3



#40
Methyl acrylate
Concen: 0.684 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion:	55	Resp:	4688
Ion	Ratio	Lower	Upper
55	100		
85	16.0	13.3	19.9
58	5.5	7.5	11.3#
42	12.6	8.9	13.3

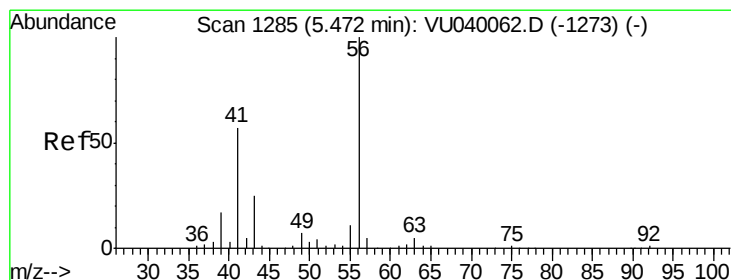
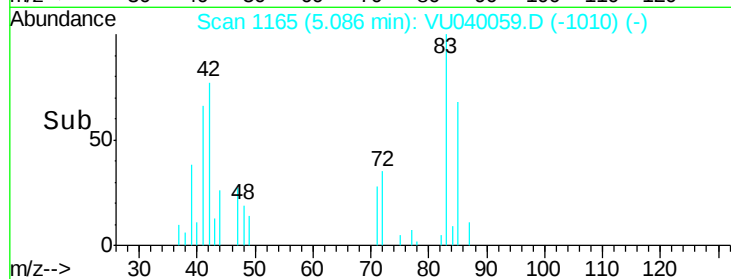
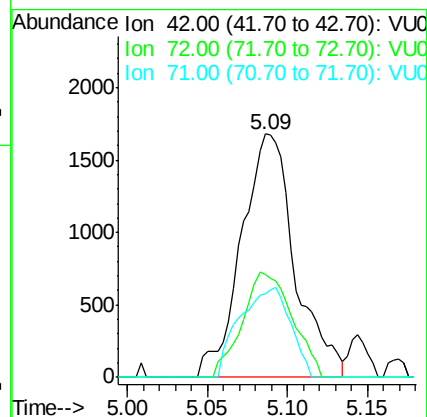
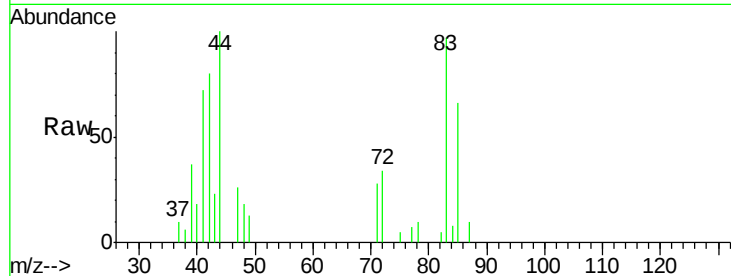




#41
Tetrahydrofuran
Concen: 1.444 ug/l
RT: 5.09 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

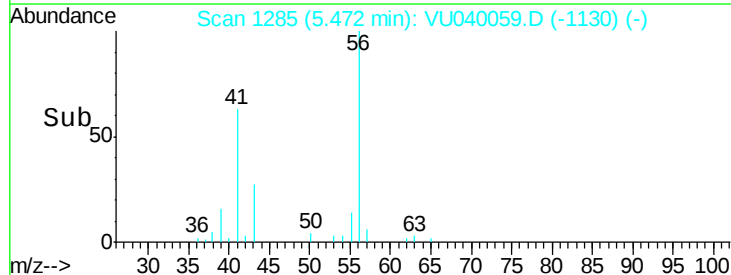
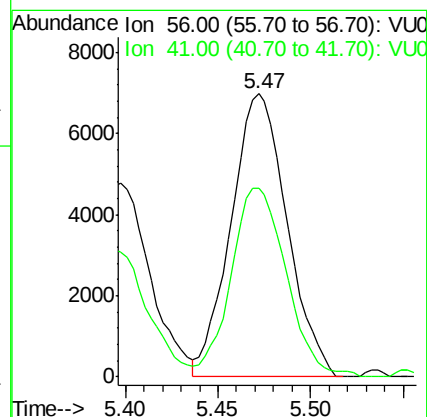
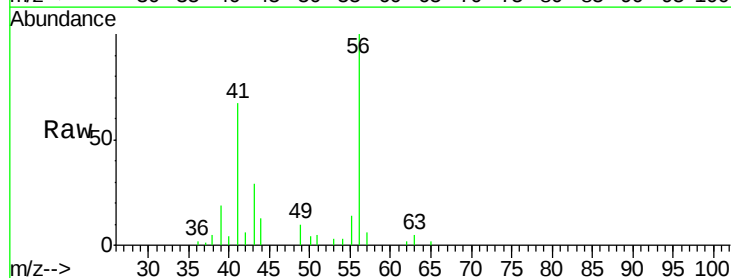
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

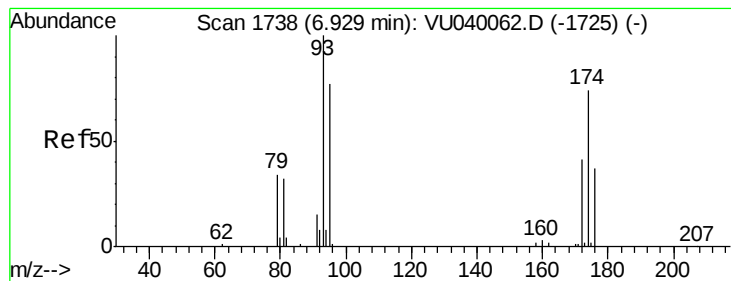
Tgt Ion: 42 Resp: 3859
Ion Ratio Lower Upper
42 100
72 40.1 33.8 50.6
71 34.9 30.9 46.3



#42
1-Chlorobutane
Concen: 0.692 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 56 Resp: 14642
Ion Ratio Lower Upper
56 100
41 65.7 29.2 87.6





#43

Dibromomethane

Concen: 0.952 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

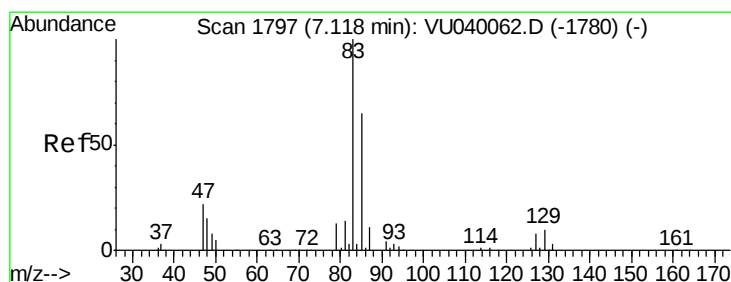
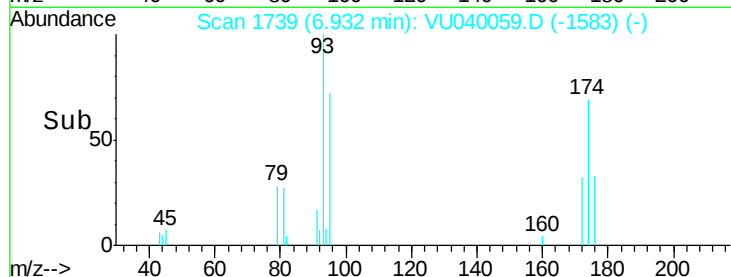
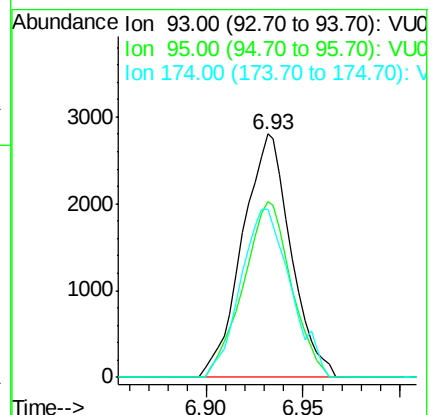
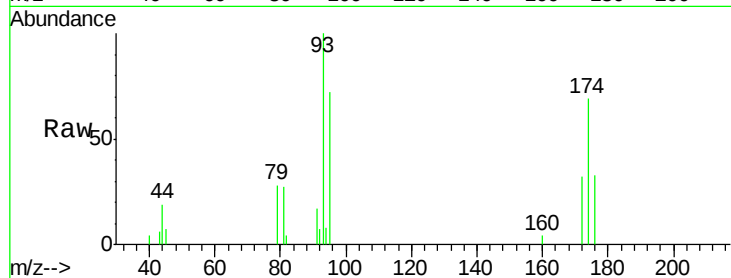
Tgt Ion: 93 Resp: 4880

Ion Ratio Lower Upper

93 100

95 71.0 63.3 94.9

174 71.4 63.5 95.3



#44

Bromodichloromethane

Concen: 0.969 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

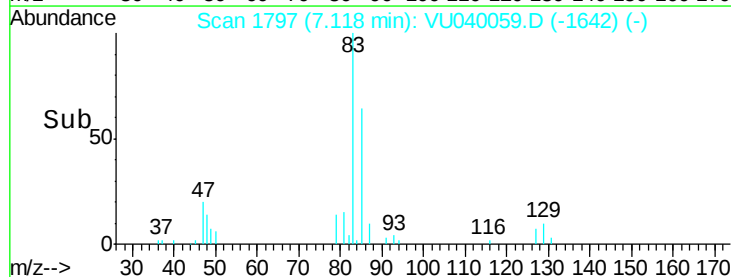
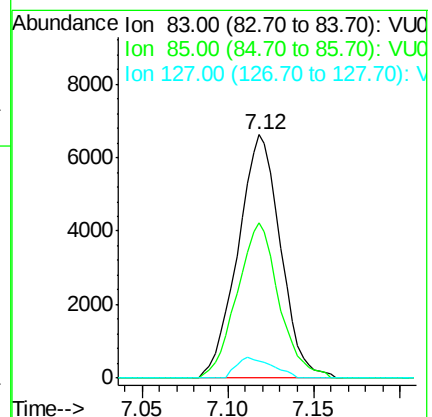
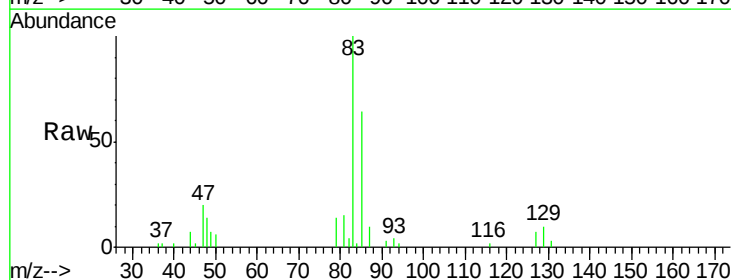
Tgt Ion: 83 Resp: 11377

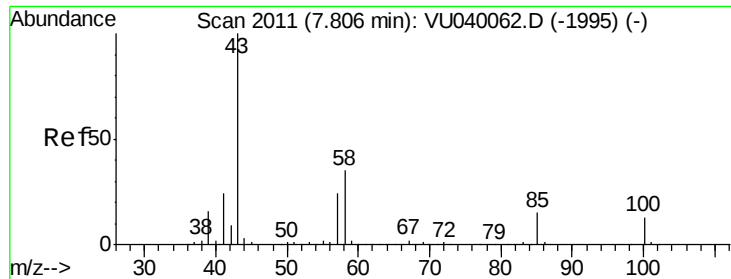
Ion Ratio Lower Upper

83 100

85 63.6 52.1 78.1

127 7.1 6.6 9.8

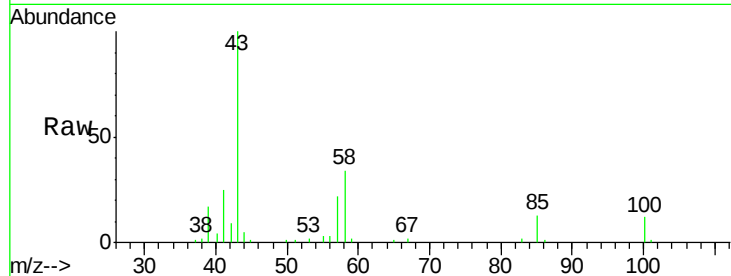




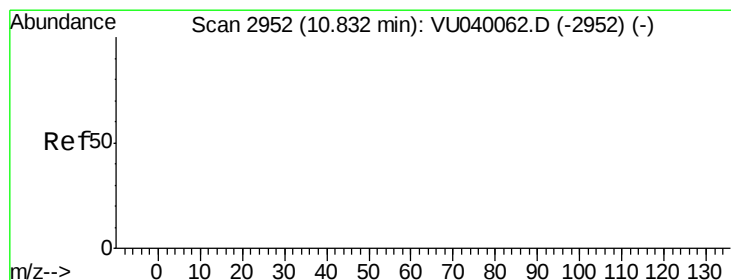
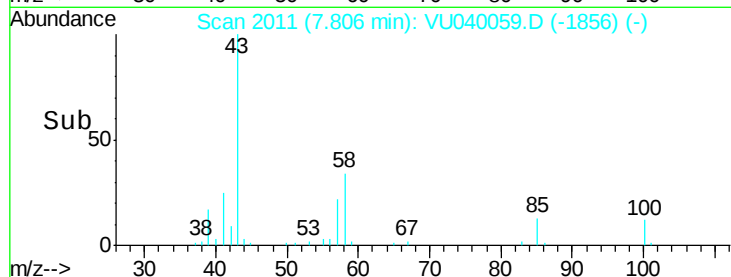
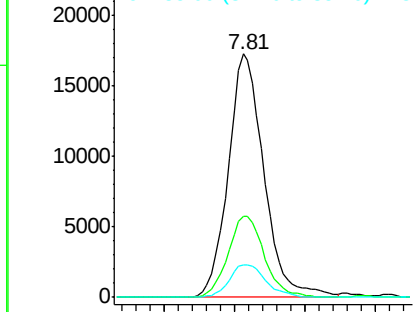
#45
4-Methyl-2-Pentanone
Concen: 3.994 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 30506
Ion Ratio Lower Upper
43 100
58 33.9 18.1 54.3
85 13.7 12.3 18.5

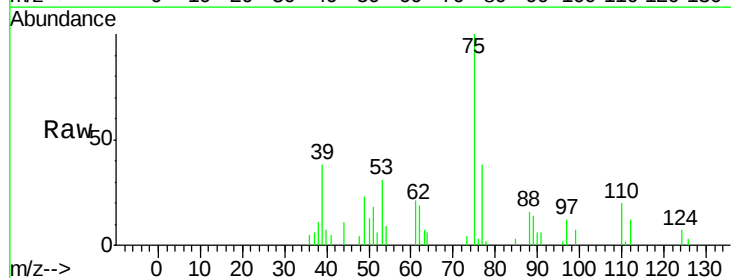


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

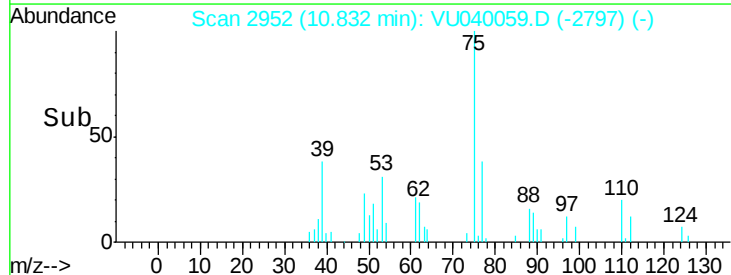
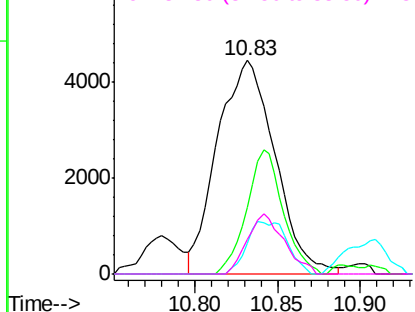


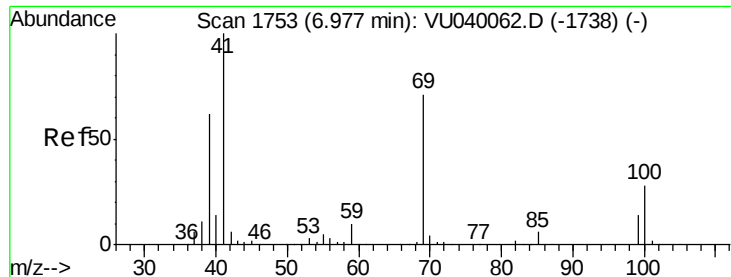
#46
t-1,4-Dichloro-2-butene
Concen: 4.437 ug/l
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 75 Resp: 10744
Ion Ratio Lower Upper
75 100
53 36.7 75.0 112.6#
89 17.3 41.6 62.4#
88 18.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

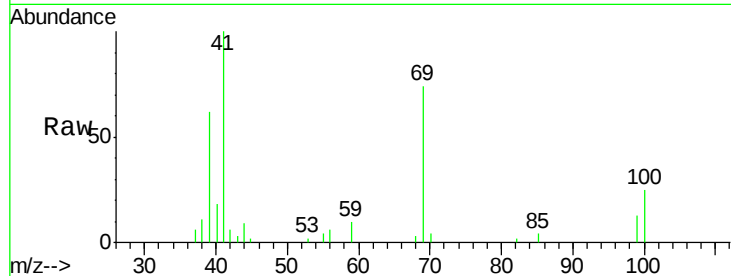




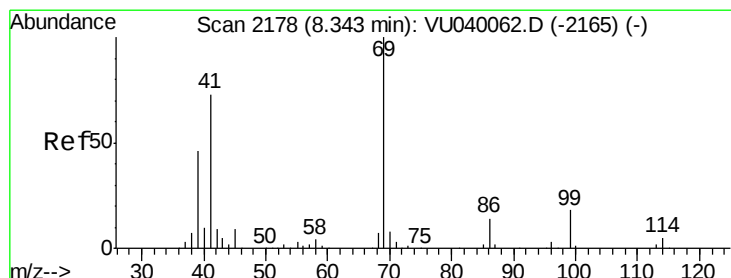
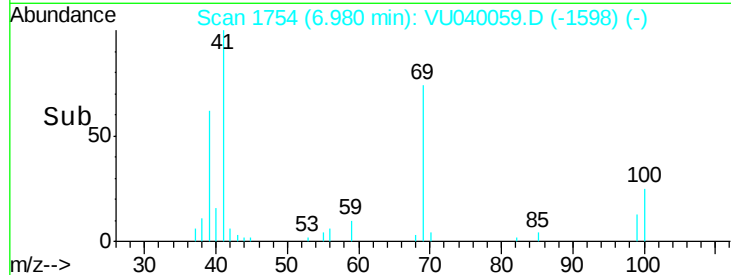
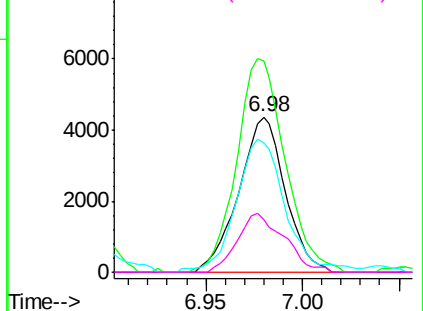
#47
Methyl methacrylate
Concen: 1.550 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 7305
Ion Ratio Lower Upper
69 100
41 143.1 0.0 273.0
39 90.9 67.8 101.6
100 38.0 29.8 44.6

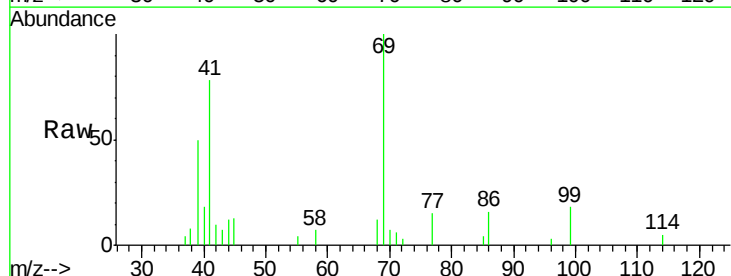


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

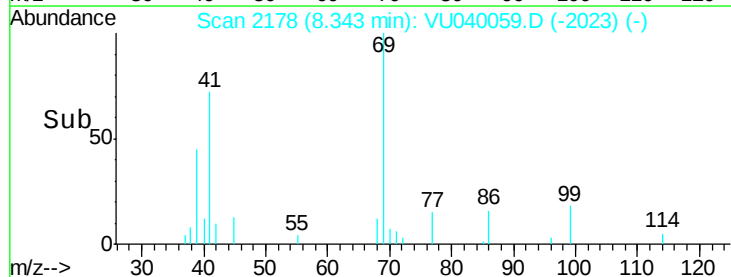
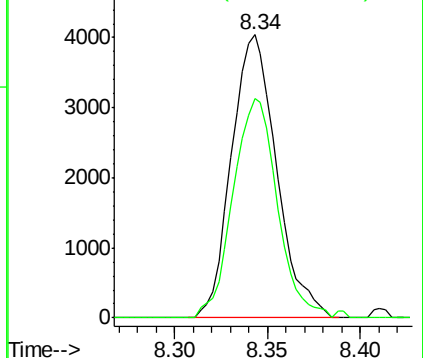


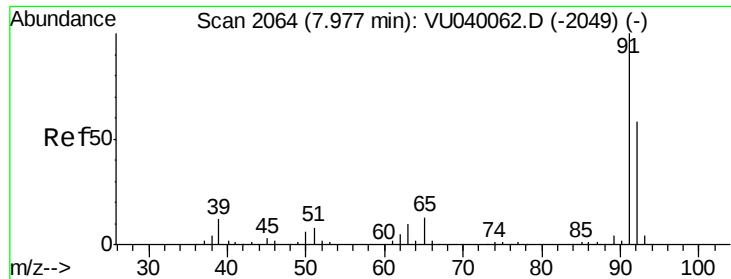
#48
Ethyl methacrylate
Concen: 0.786 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 69 Resp: 6816
Ion Ratio Lower Upper
69 100
41 76.0 37.8 113.3



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





#49

Toluene

Concen: 0.798 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

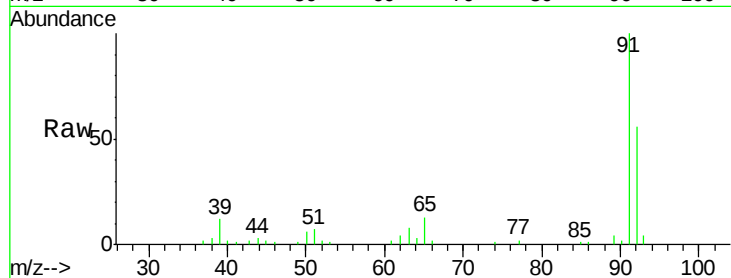
VSTDIC001

Tgt Ion: 92 Resp: 16109

Ion Ratio Lower Upper

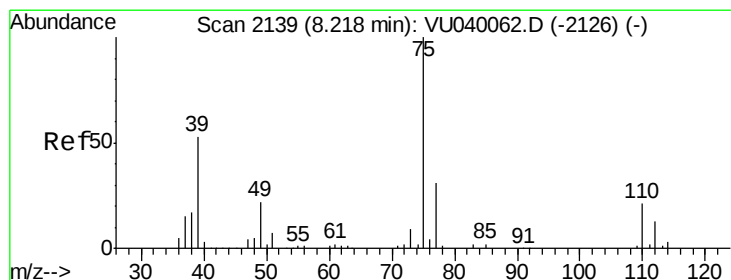
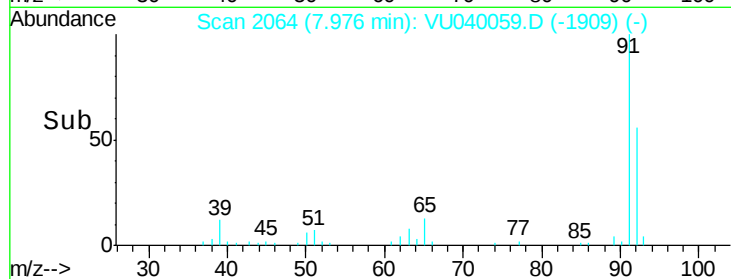
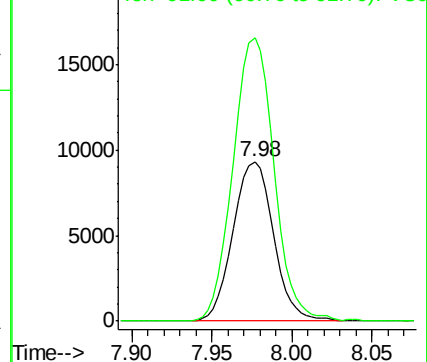
92 100

91 179.5 138.6 207.8



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: 0.910 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040059.D

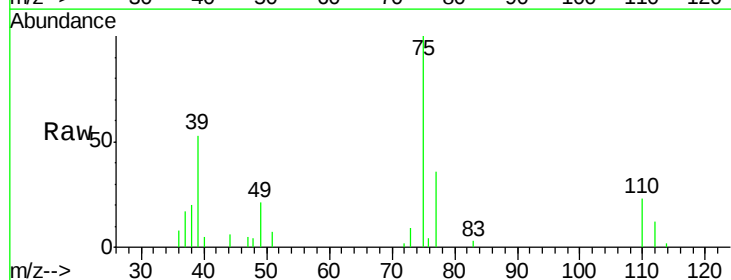
Acq: 09 Sep 2020 11:00

Tgt Ion: 75 Resp: 9620

Ion Ratio Lower Upper

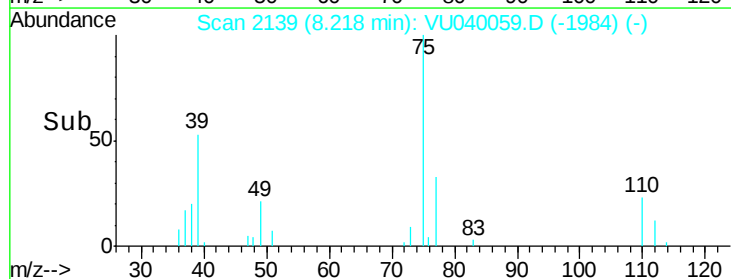
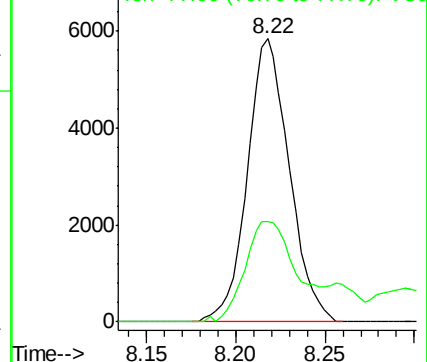
75 100

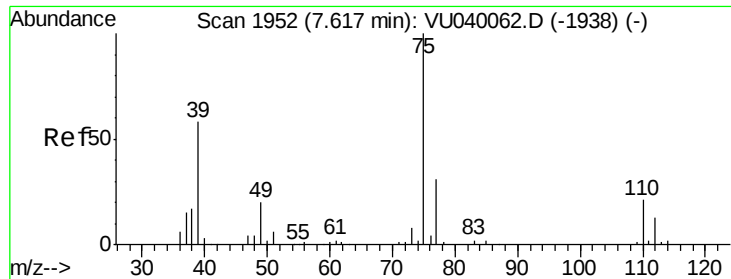
77 35.6 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



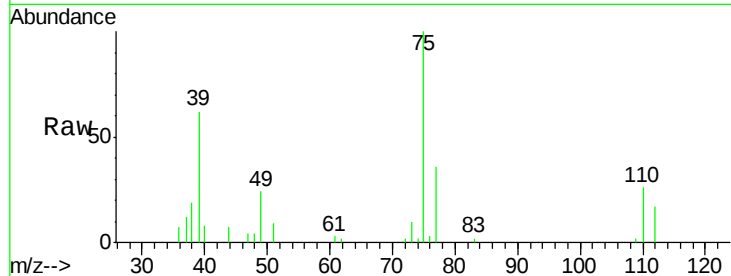


#51

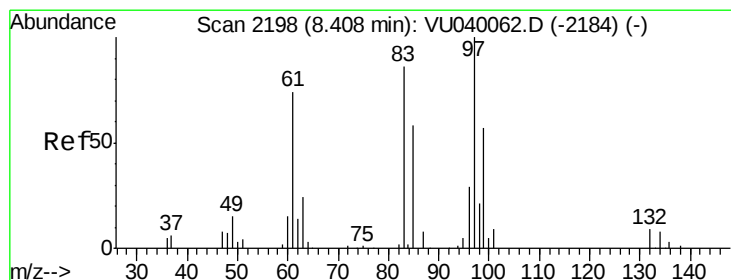
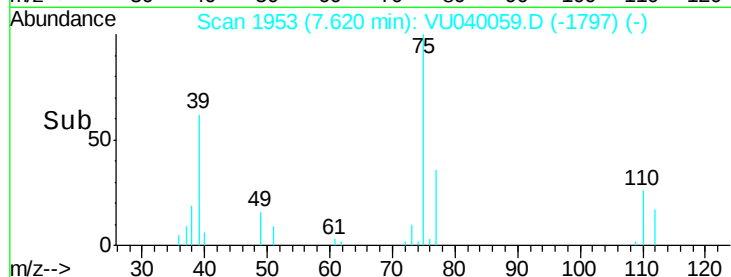
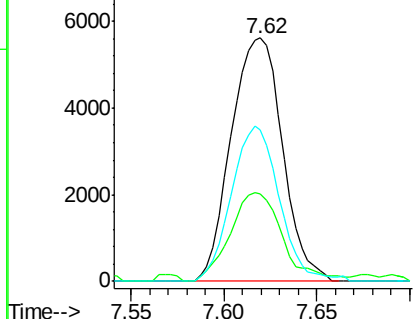
cis-1,3-Dichloropropene
Concen: 0.876 ug/l
RT: 7.62 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 10836
Ion Ratio Lower Upper
75 100
77 36.1 24.6 37.0
39 62.0 46.2 69.4



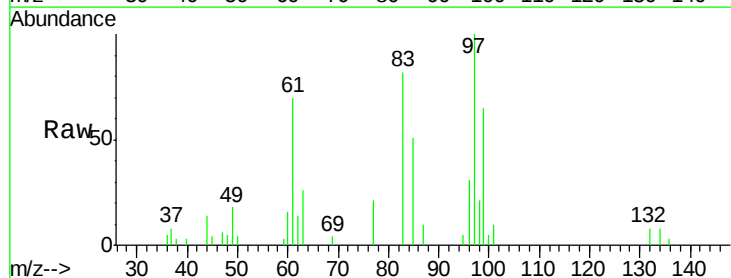
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



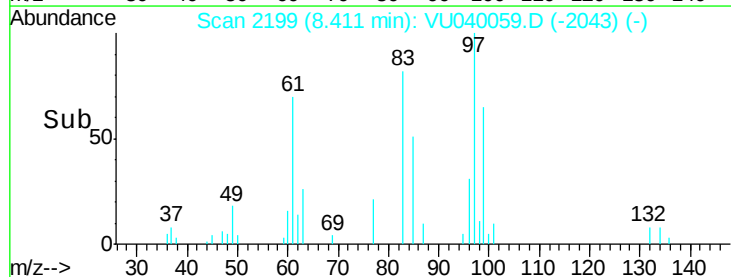
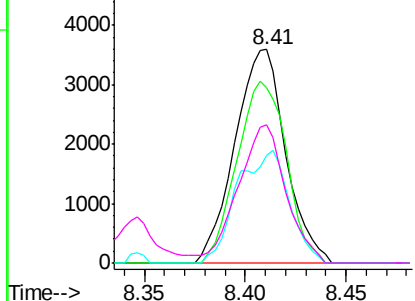
#52

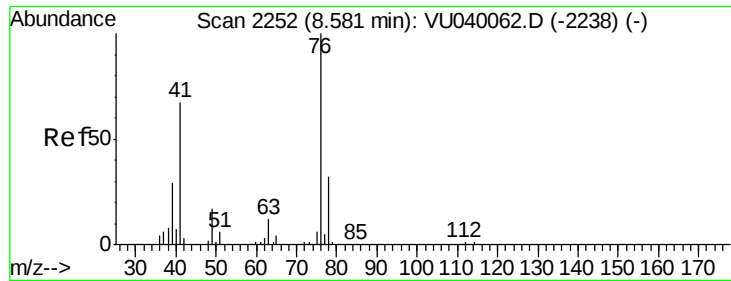
1,1,2-Trichloroethane
Concen: 0.950 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 97 Resp: 6315
Ion Ratio Lower Upper
97 100
83 82.3 68.7 103.1
85 50.5 46.7 70.1
99 65.0 48.6 72.8



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

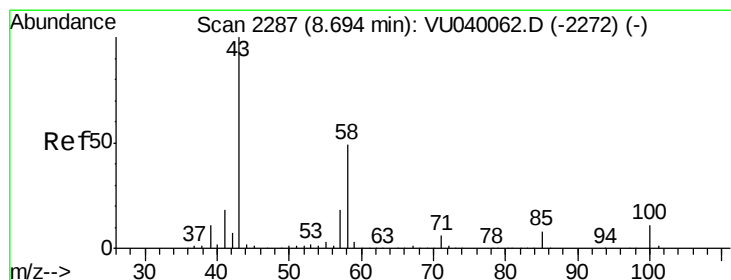
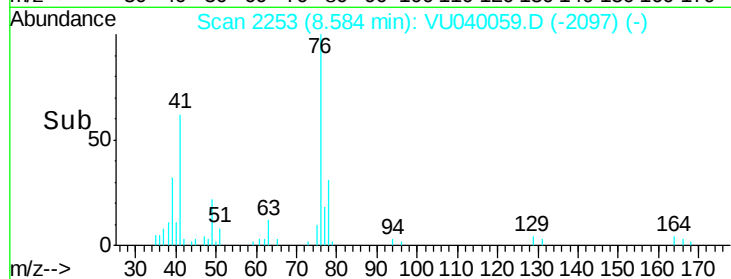
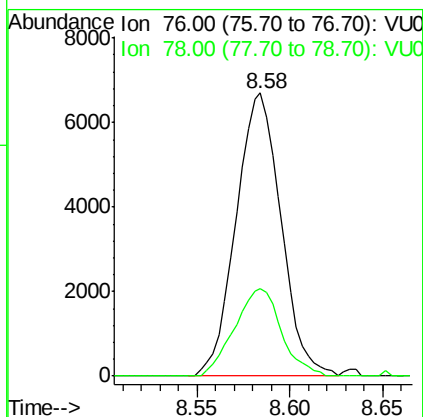
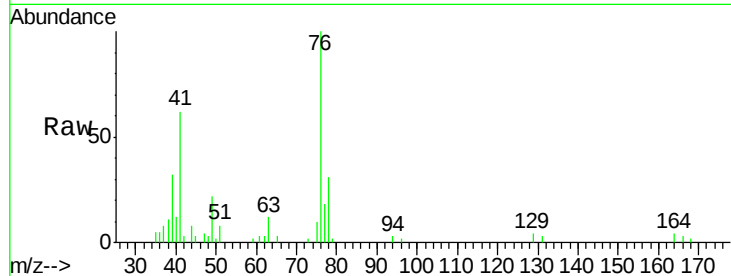




#53
 1,3-Dichloropropane
 Concen: 0.889 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

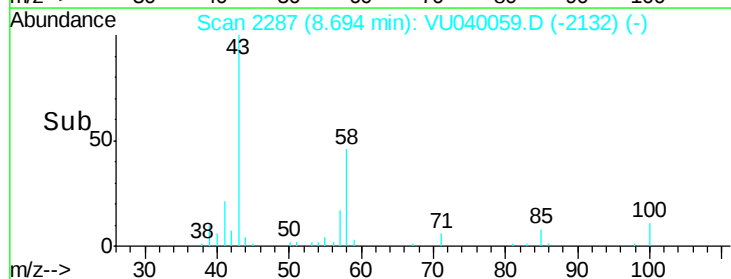
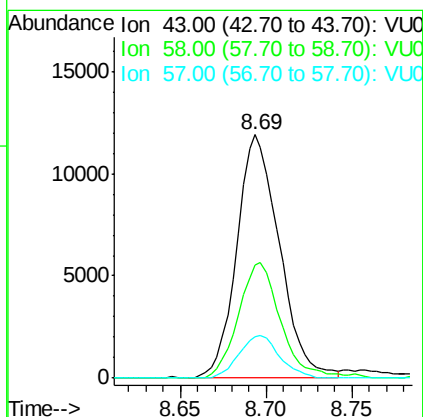
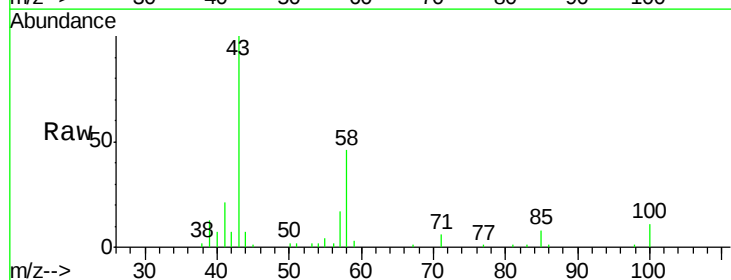
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

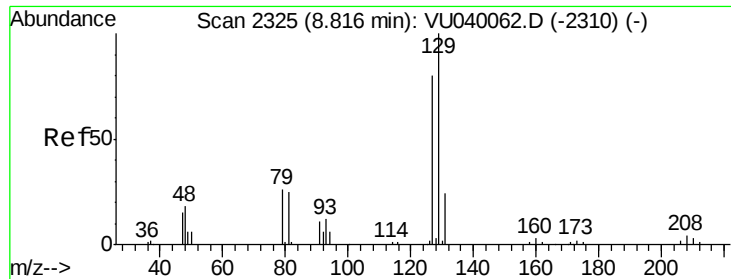
Tgt Ion: 76 Resp: 11245
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#54
 2-Hexanone
 Concen: 3.765 ug/l
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 43 Resp: 20604
 Ion Ratio Lower Upper
 43 100
 58 46.7 29.6 69.6
 57 16.6 0.0 37.8





#55

Dibromochloromethane

Concen: 0.958 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

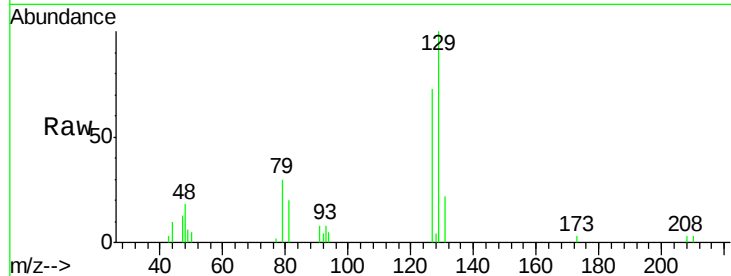
VSTDIC001

Tgt Ion:129 Resp: 6887

Ion Ratio Lower Upper

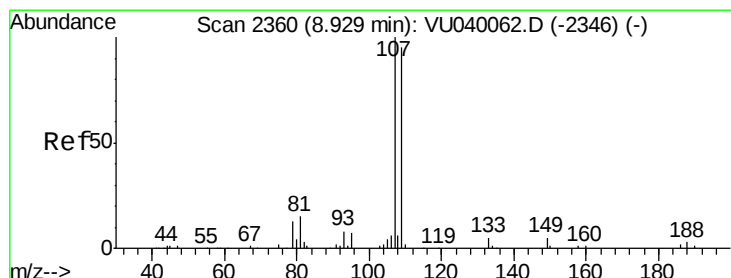
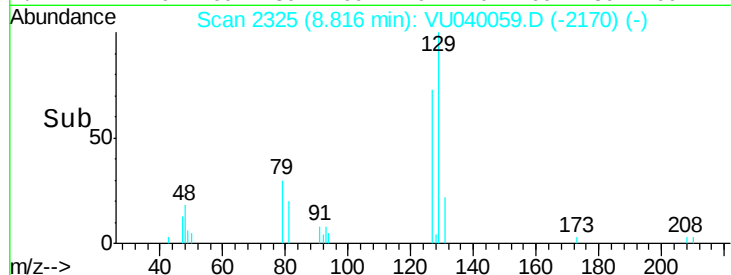
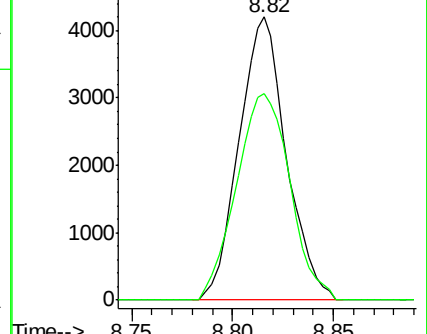
129 100

127 82.6 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: 0.932 ug/l

RT: 8.93 min Scan# 2361

Delta R.T. 0.00 min

Lab File: VU040059.D

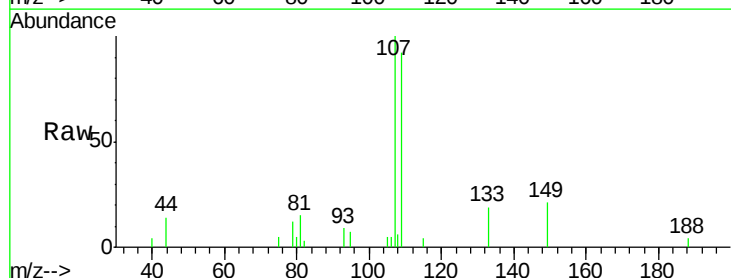
Acq: 09 Sep 2020 11:00

Tgt Ion:107 Resp: 5909

Ion Ratio Lower Upper

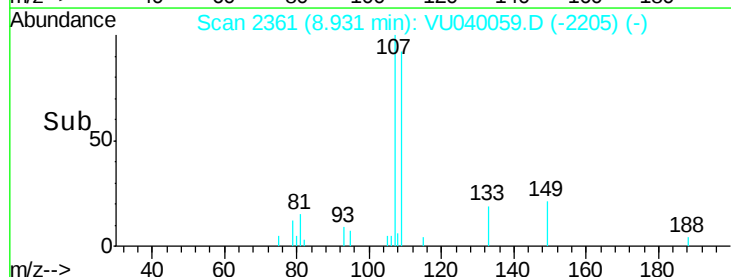
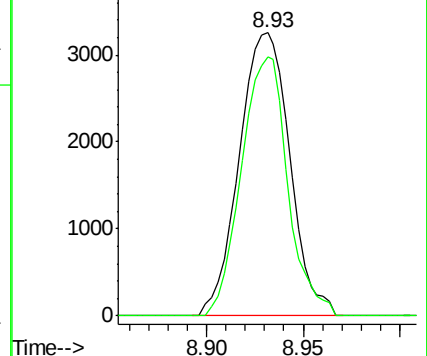
107 100

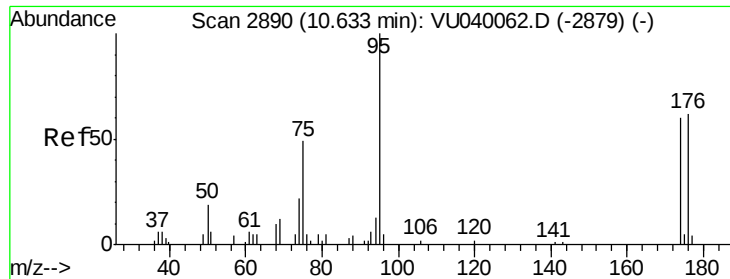
109 84.1 0.0 191.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

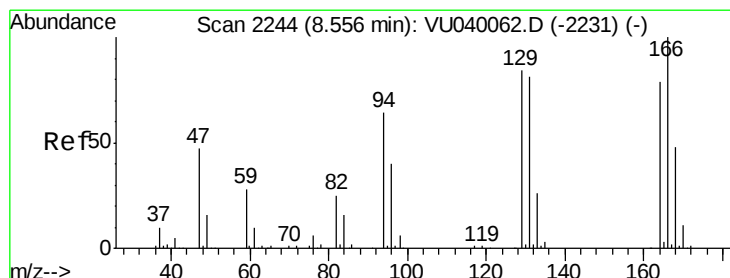
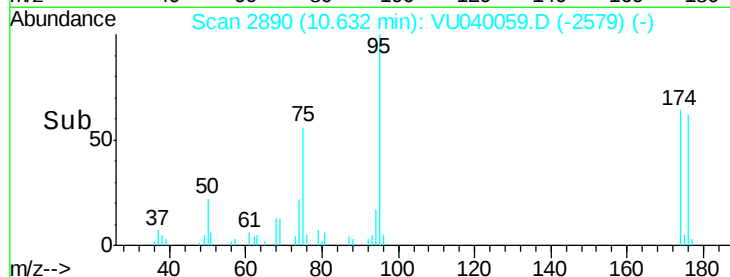
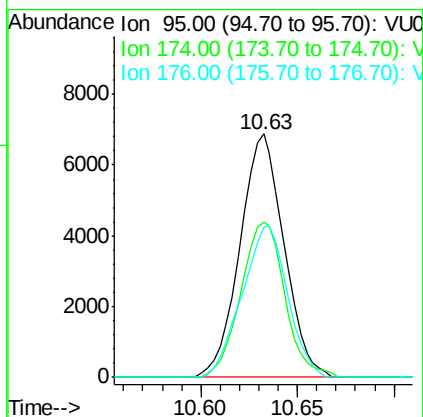
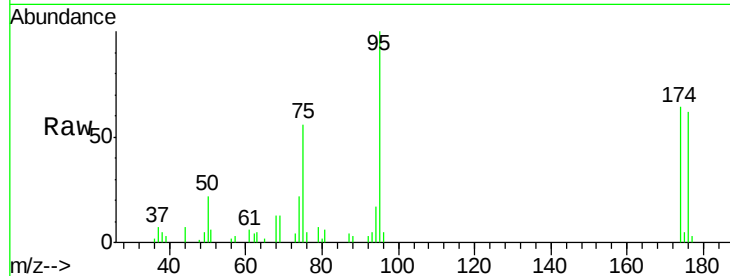




#57
 4-Bromofluorobenzene
 Concen: 0.994 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

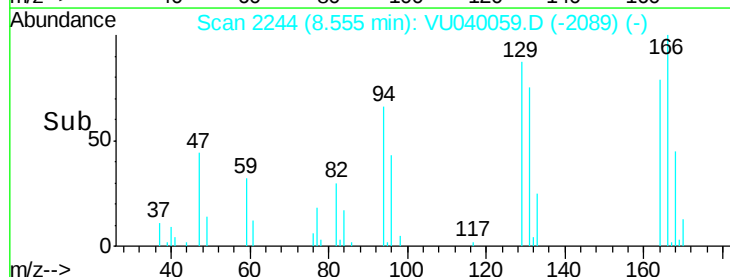
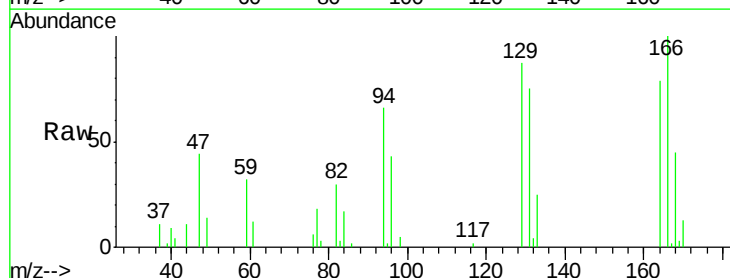
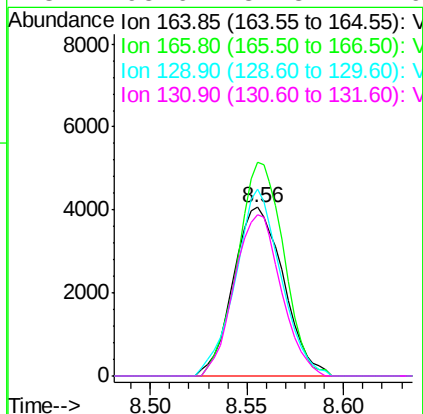
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

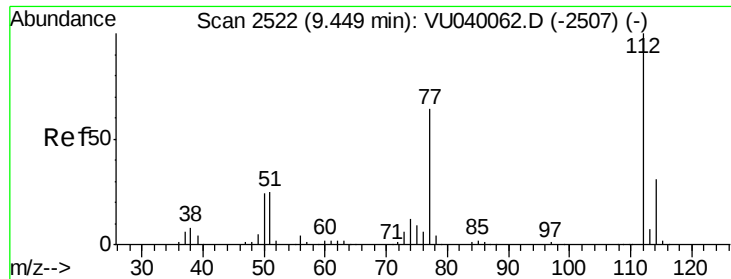
Tgt Ion: 95 Resp: 10888
 Ion Ratio Lower Upper
 95 100
 174 63.9 49.4 74.0
 176 64.3 50.1 75.1



#58
 Tetrachloroethene
 Concen: 1.040 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 164 Resp: 7328
 Ion Ratio Lower Upper
 164 100
 166 126.8 101.3 151.9
 129 110.6 84.8 127.2
 131 95.6 81.8 122.6

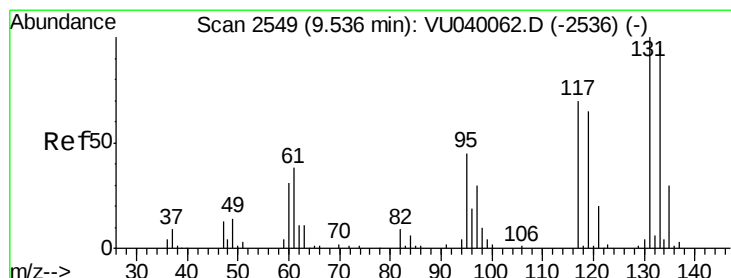
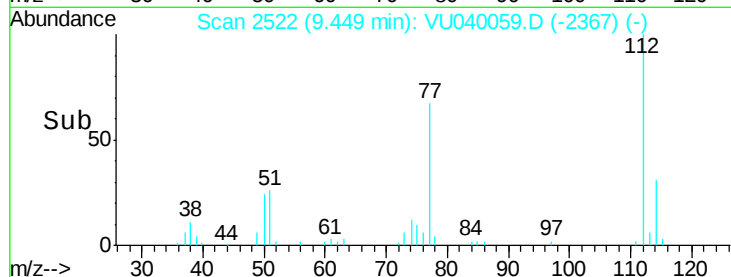
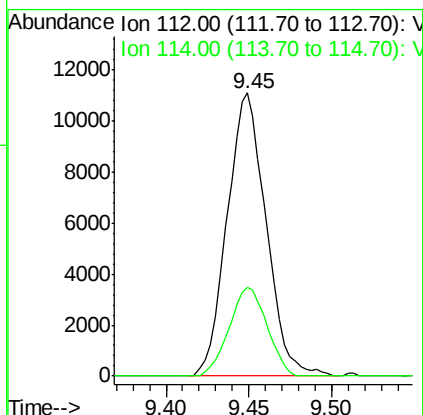
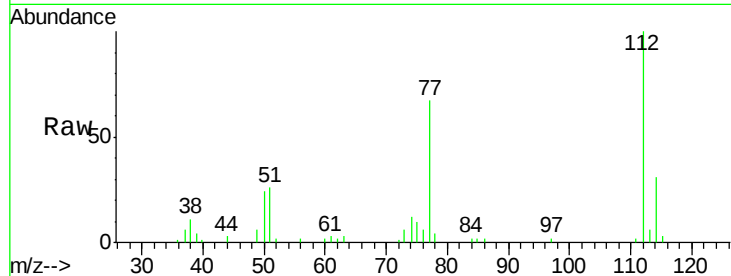




#59
Chlorobenzene
Concen: 0.858 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

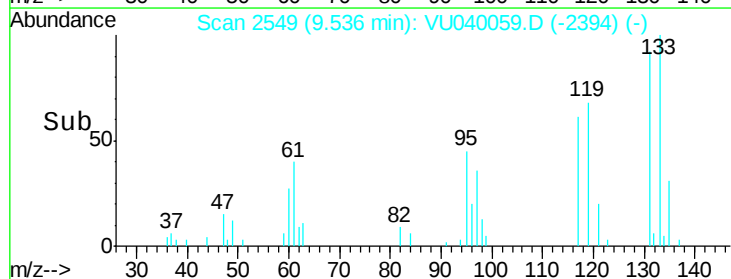
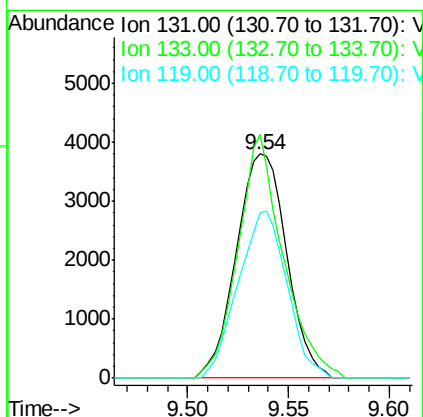
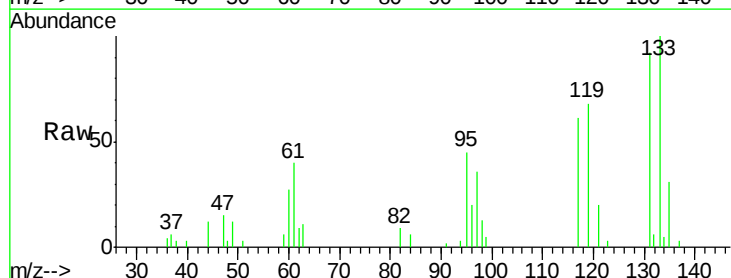
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

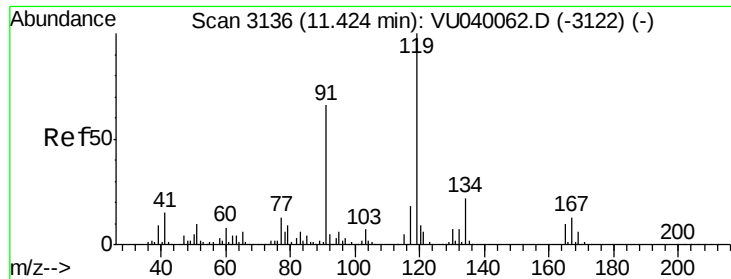
Tgt Ion:112 Resp: 18116
Ion Ratio Lower Upper
112 100
114 31.4 24.8 37.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.922 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion:131 Resp: 6656
Ion Ratio Lower Upper
131 100
133 97.1 75.4 113.2
119 72.3 51.5 77.3

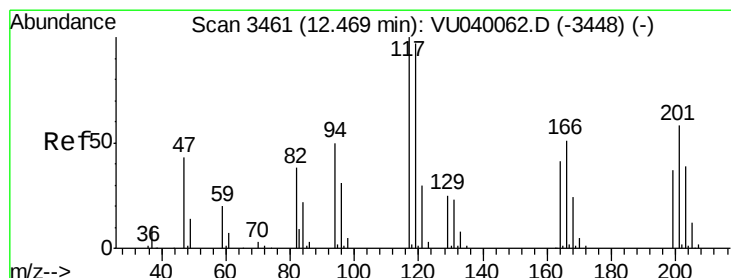
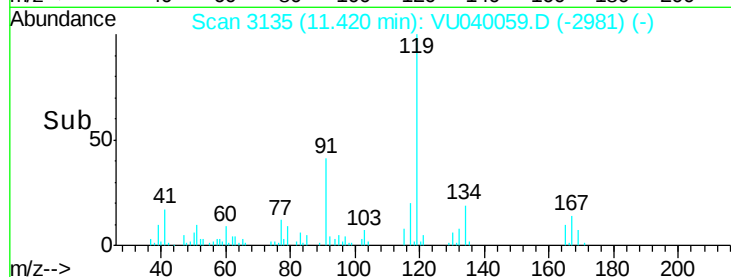
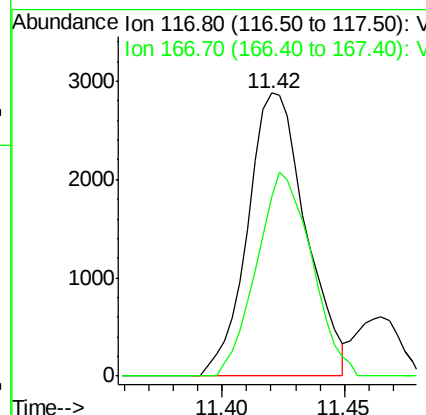
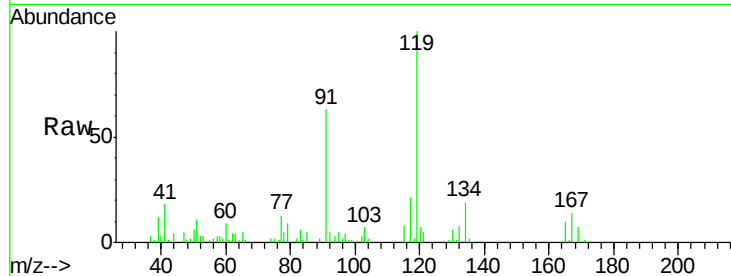




#61
 Pentachloroethane
 Concen: 0.787 ug/l
 RT: 11.42 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

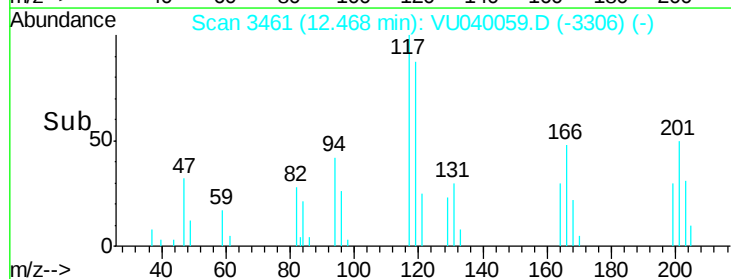
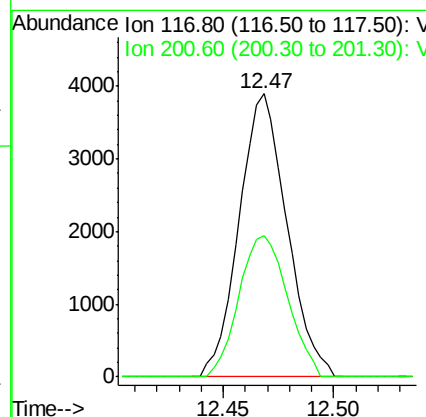
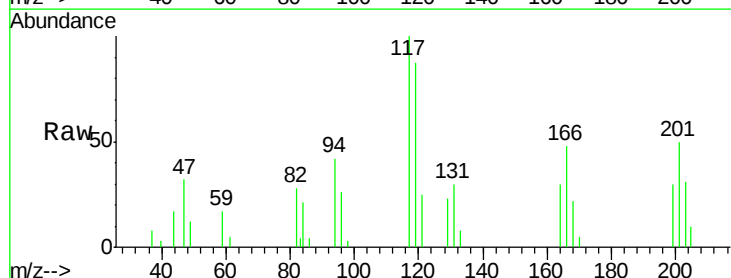
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

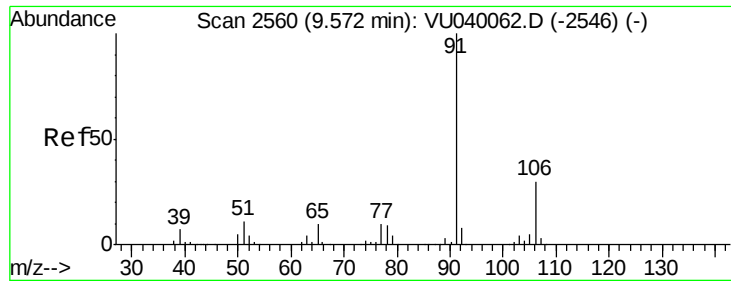
Tgt Ion:117 Resp: 4755
 Ion Ratio Lower Upper
 117 100
 167 68.2 54.5 81.7



#62
 Hexachloroethane
 Concen: 1.005 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:117 Resp: 5854
 Ion Ratio Lower Upper
 117 100
 201 50.7 47.0 70.4

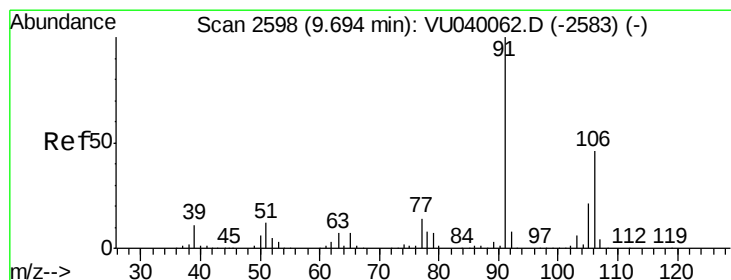
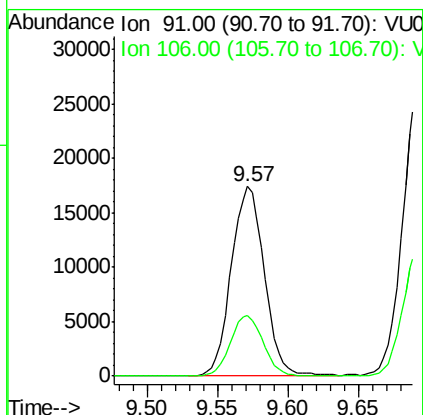
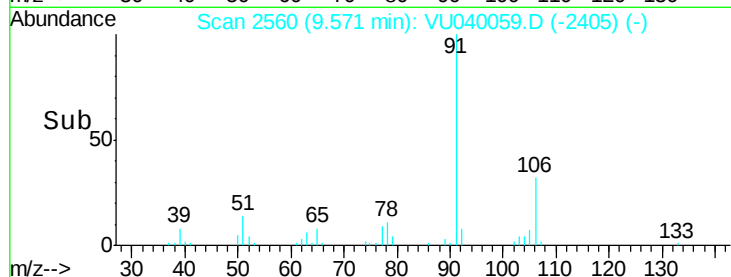
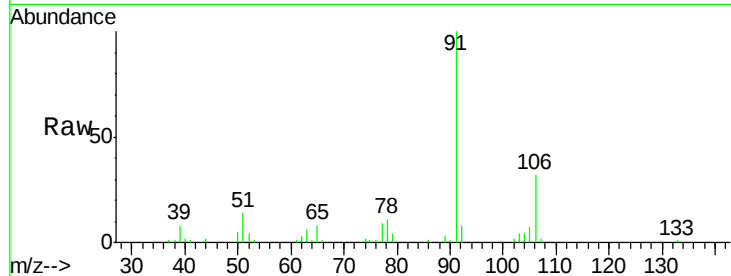




#63
Ethyl Benzene
Concen: 0.765 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

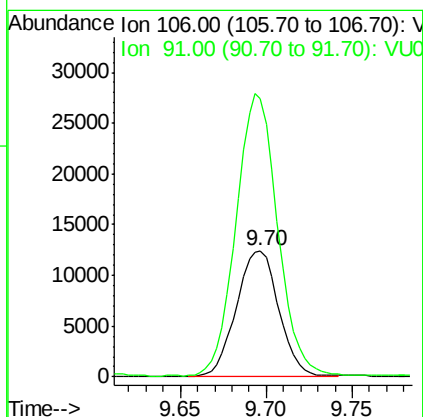
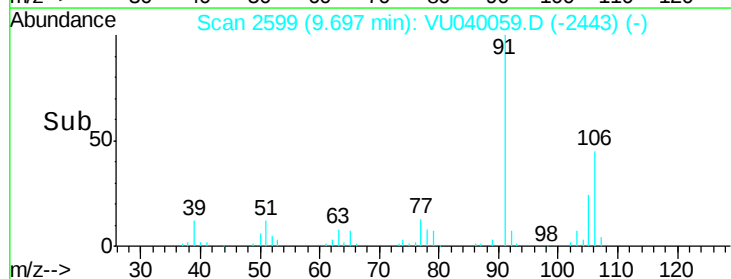
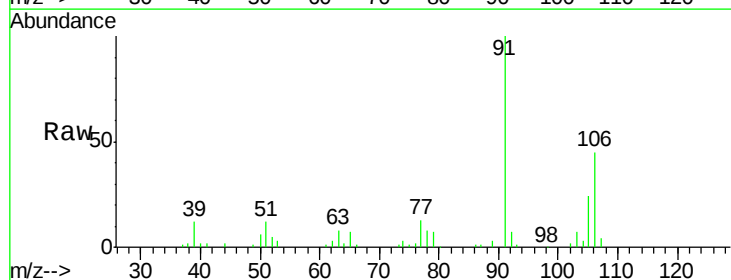
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

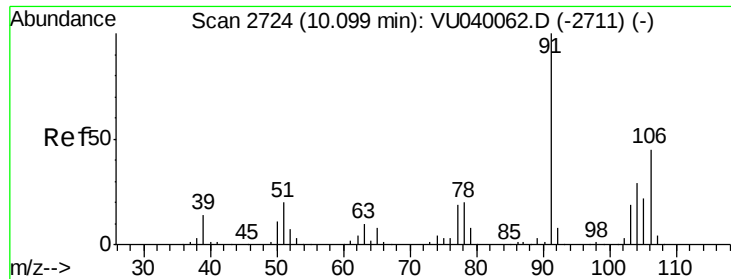
Tgt Ion: 91 Resp: 28732
Ion Ratio Lower Upper
91 100
106 31.7 23.8 35.8



#64
m/p-Xylenes
Concen: 1.465 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion: 106 Resp: 21392
Ion Ratio Lower Upper
106 100
91 217.5 171.4 257.2

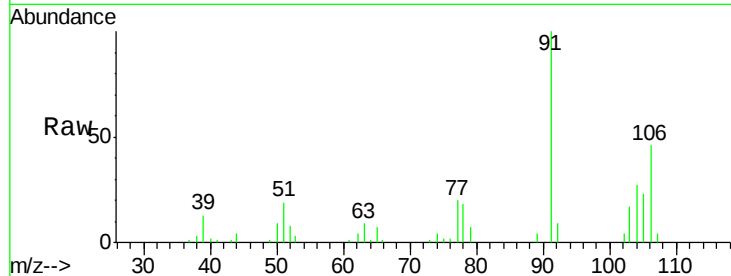




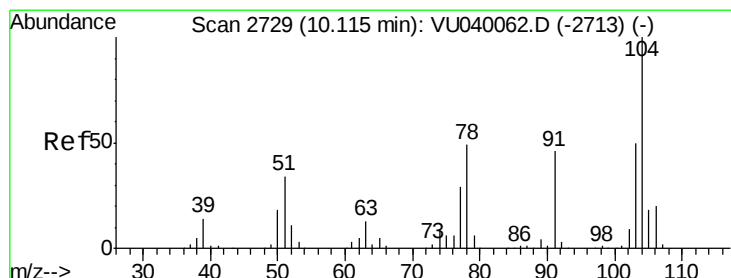
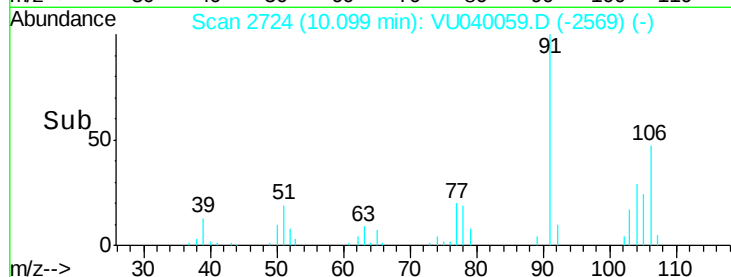
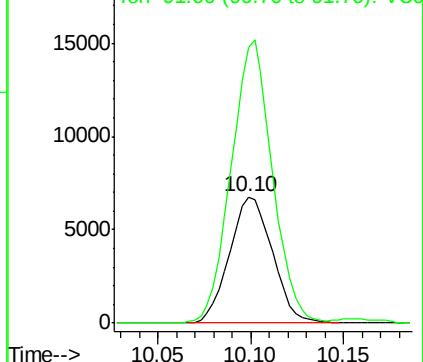
#65
o-Xylene
Concen: 0.785 ug/l
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 10904
Ion Ratio Lower Upper
106 100
91 214.6 114.2 342.6

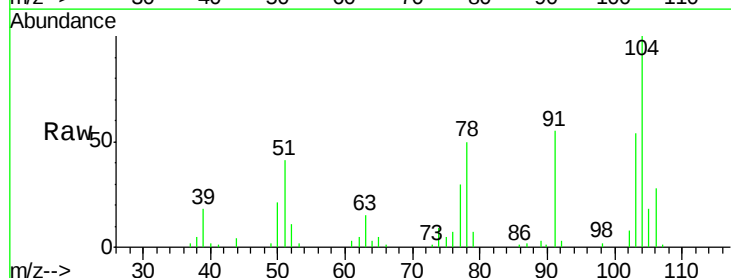


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

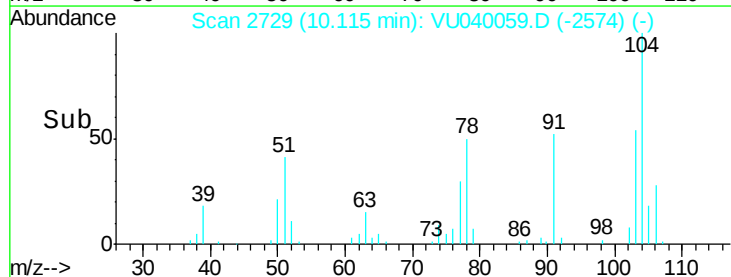
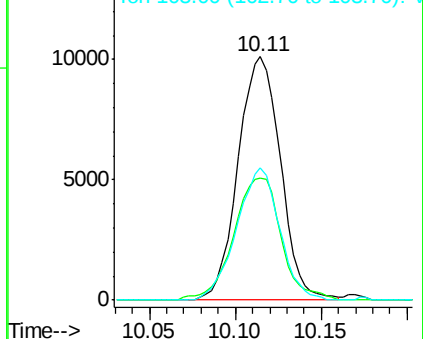


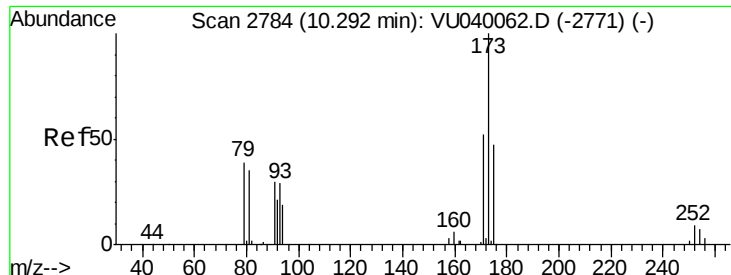
#66
Styrene
Concen: 0.728 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040059.D
Acq: 09 Sep 2020 11:00

Tgt Ion:104 Resp: 17412
Ion Ratio Lower Upper
104 100
78 56.0 43.9 65.9
103 55.0 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: 0.895 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

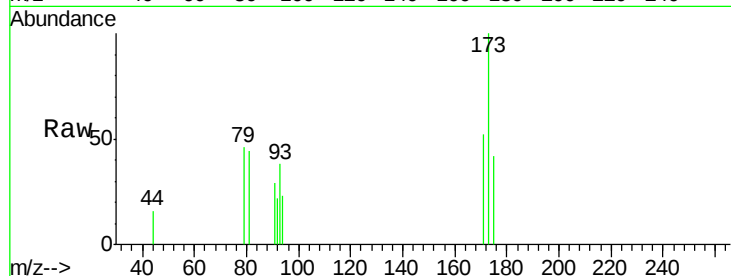
Tgt Ion:173 Resp: 3283

Ion Ratio Lower Upper

173 100

175 42.9 38.0 57.0

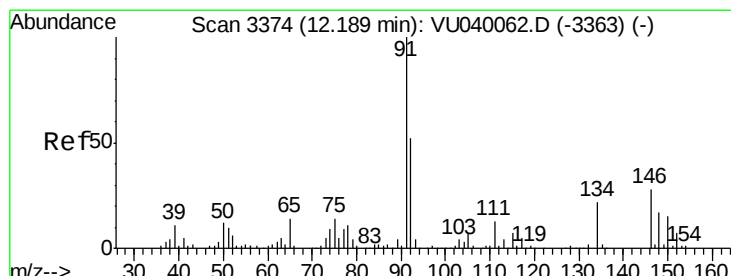
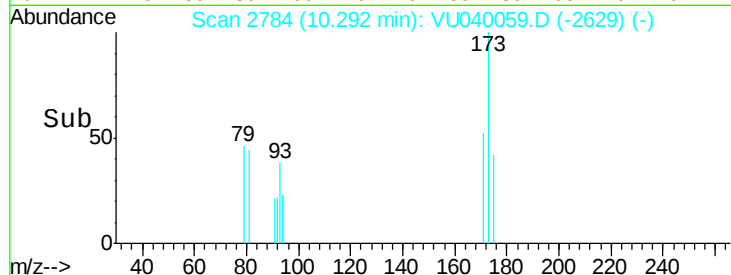
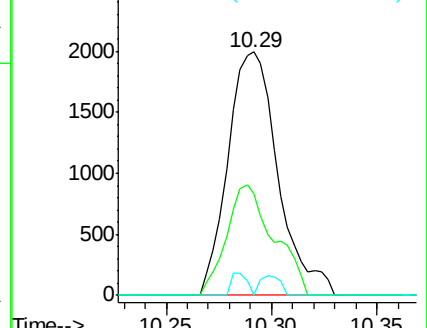
254 2.8 5.8 8.8#



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: 0.962 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

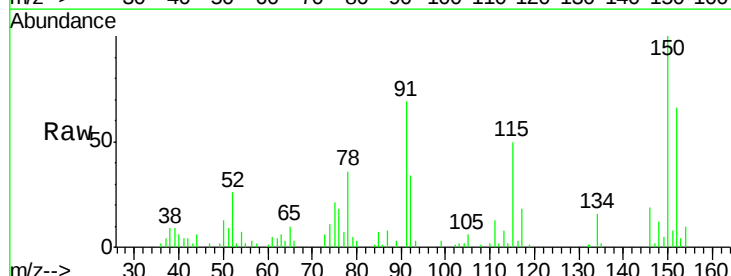
Tgt Ion:152 Resp: 10127

Ion Ratio Lower Upper

152 100

115 84.6 0.0 309.0

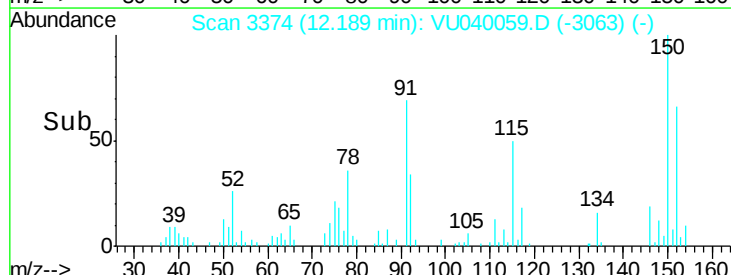
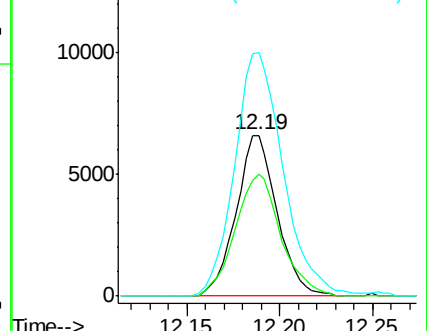
150 180.5 0.0 658.2

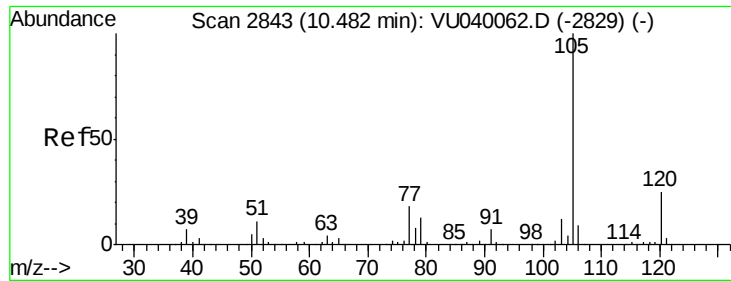


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.773 ug/l

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

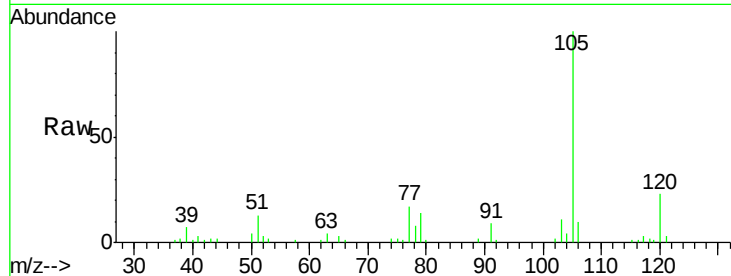
VSTDIC001

Tgt Ion:105 Resp: 28790

Ion Ratio Lower Upper

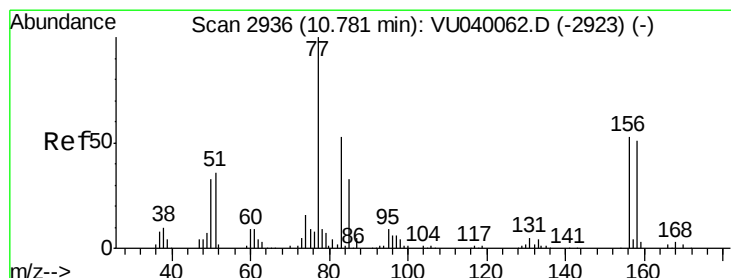
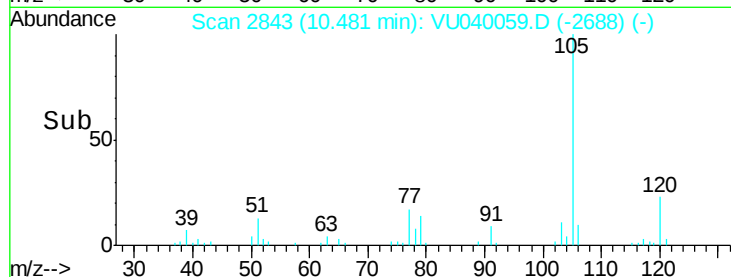
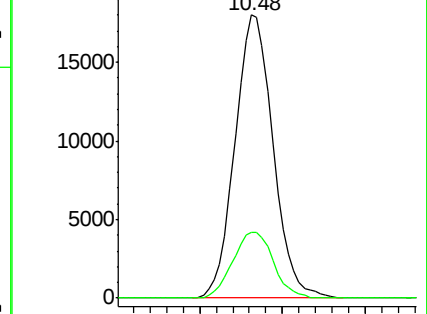
105 100

120 24.8 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: 0.785 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

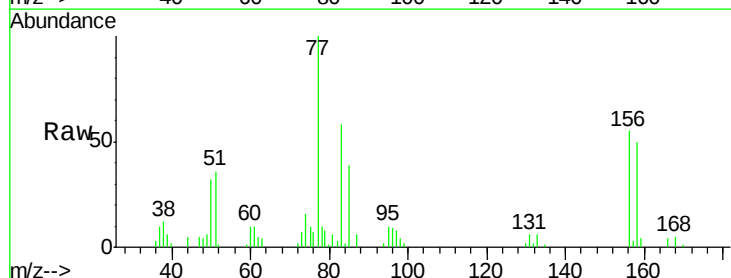
Tgt Ion: 83 Resp: 7400

Ion Ratio Lower Upper

83 100

131 9.8 7.5 11.3

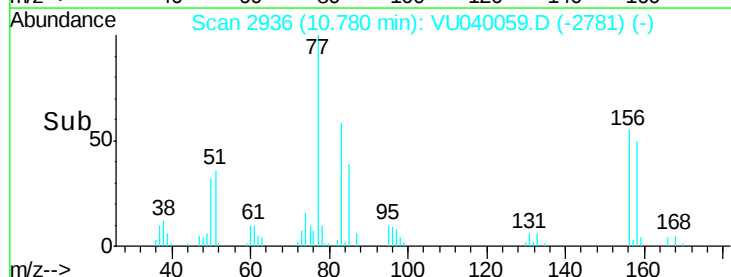
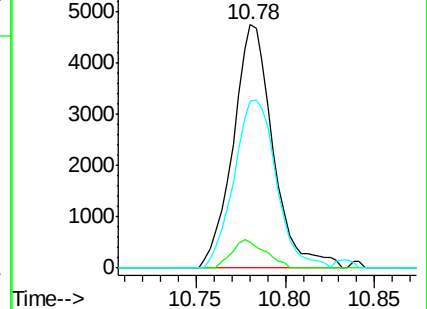
85 72.9 49.7 74.5

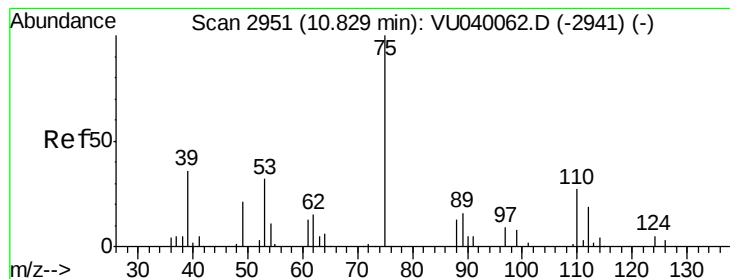


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

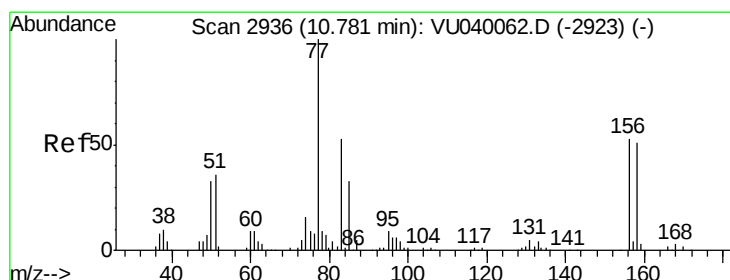
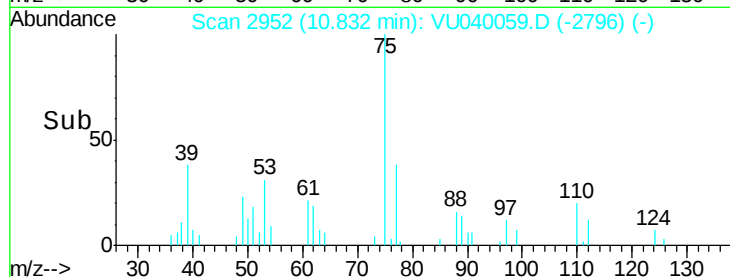
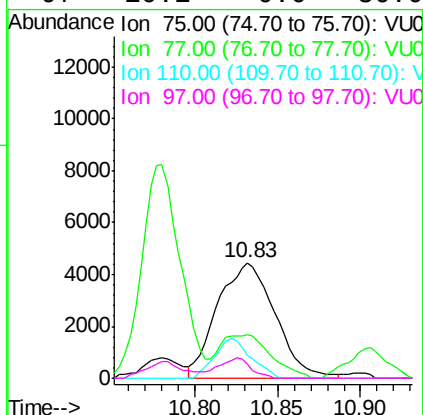
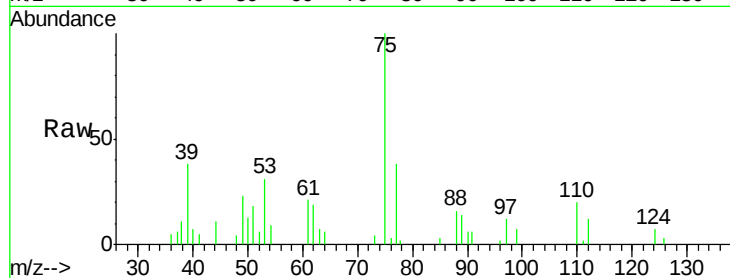




#71
 1,2,3-Trichloropropane
 Concen: 1.536 ug/l
 RT: 10.83 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

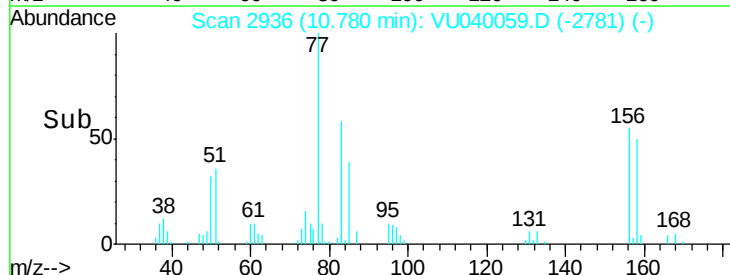
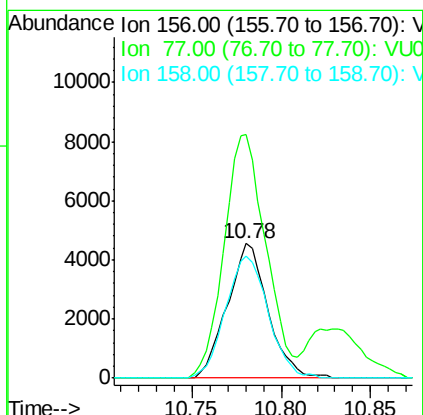
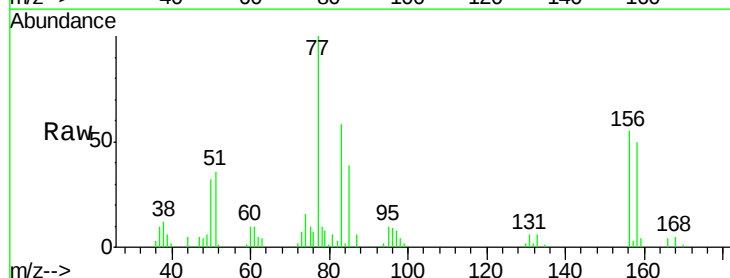
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

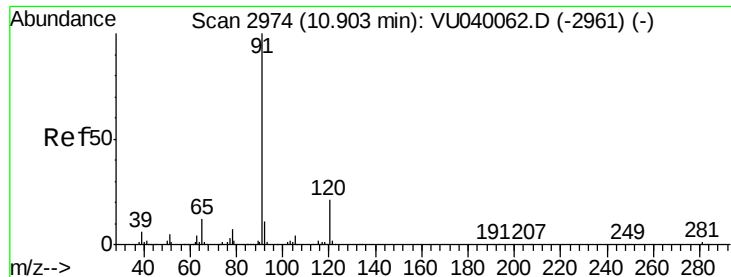
Tgt Ion:	75	Resp:	10744
Ion	Ratio	Lower	Upper
75	100		
77	33.0	0.0	111.4
110	21.6	0.0	70.8
97	10.1	0.0	36.0



#72
 Bromobenzene
 Concen: 0.852 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:	156	Resp:	7234
Ion	Ratio	Lower	Upper
156	100		
77	186.1	0.0	383.6
158	95.0	0.0	195.0





#73

n-propylbenzene

Concen: 0.760 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

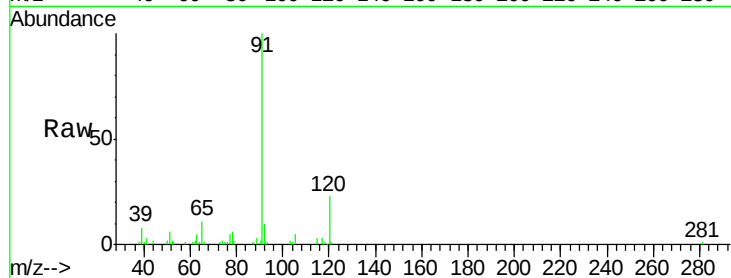
VSTDIC001

Tgt Ion:120 Resp: 7946

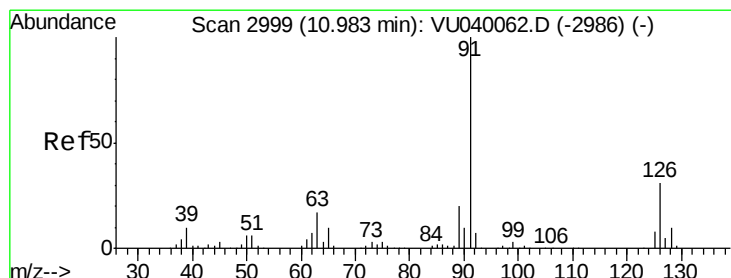
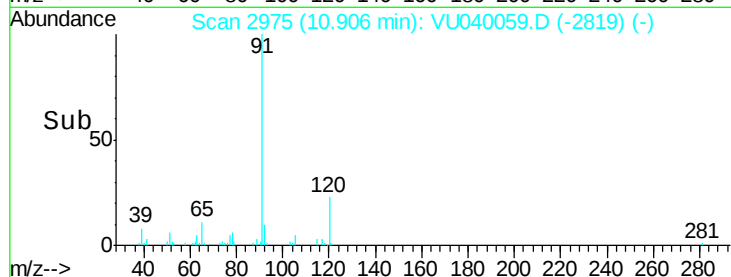
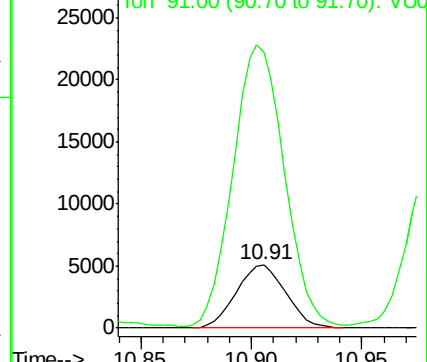
Ion Ratio Lower Upper

120 100

91 462.9 380.4 570.6



Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 0.797 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040059.D

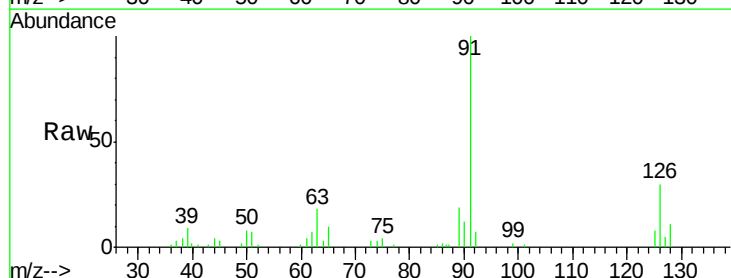
Acq: 09 Sep 2020 11:00

Tgt Ion:126 Resp: 7077

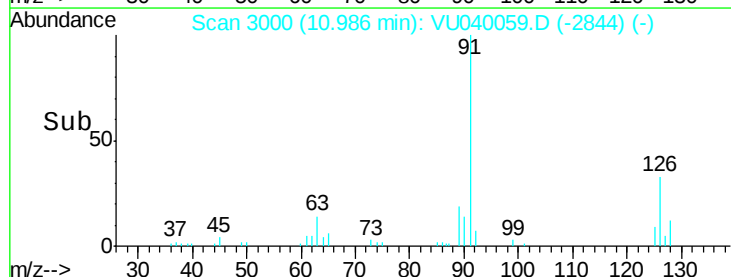
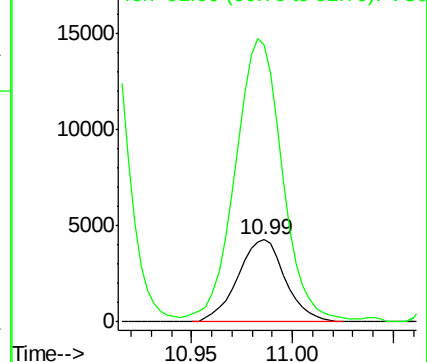
Ion Ratio Lower Upper

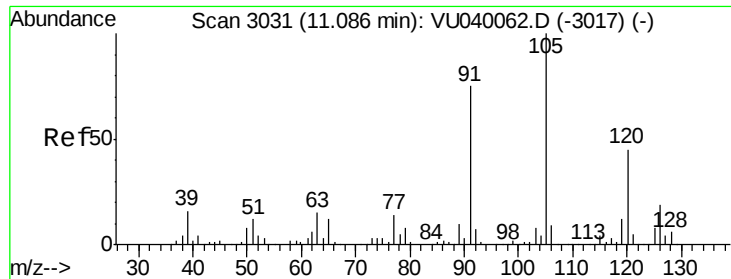
126 100

91 333.1 0.0 649.6



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 0.752 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

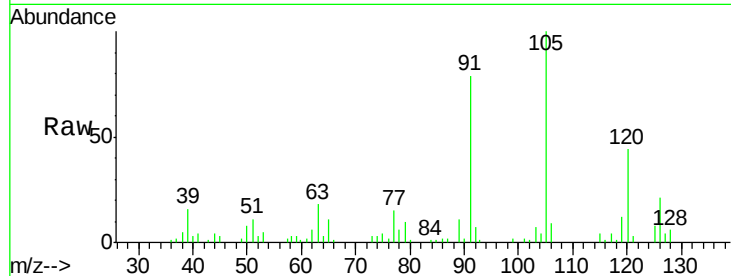
VSTDIC001

Tgt Ion:105 Resp: 24257

Ion Ratio Lower Upper

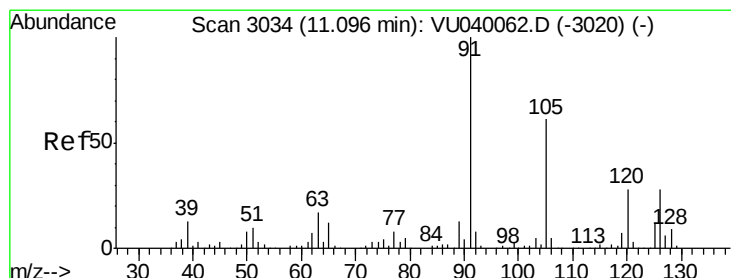
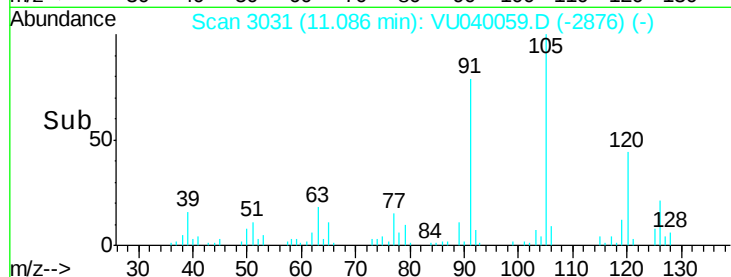
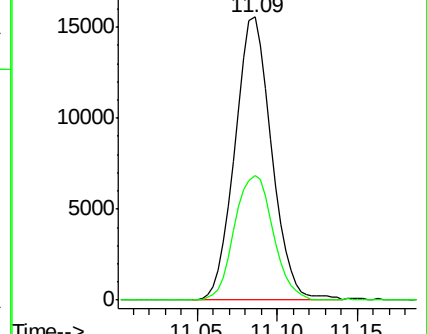
105 100

120 46.3 36.6 55.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.858 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040059.D

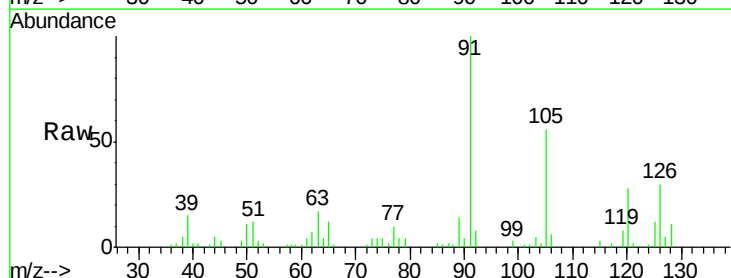
Acq: 09 Sep 2020 11:00

Tgt Ion:126 Resp: 7915

Ion Ratio Lower Upper

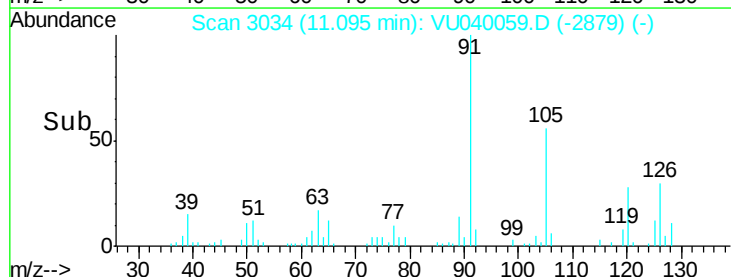
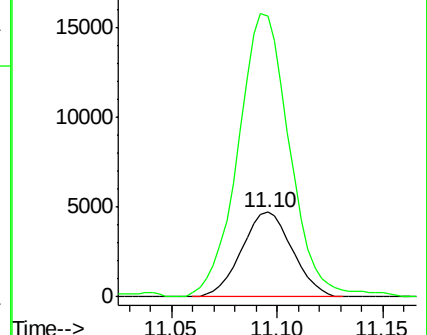
126 100

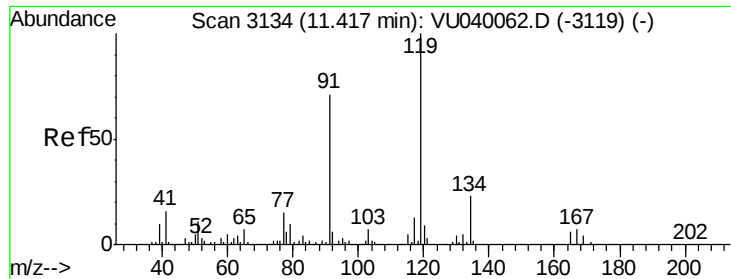
91 340.7 0.0 735.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

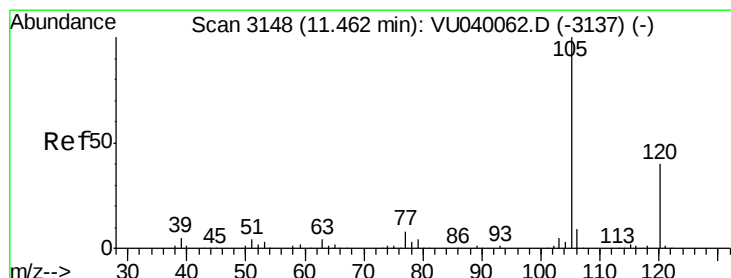
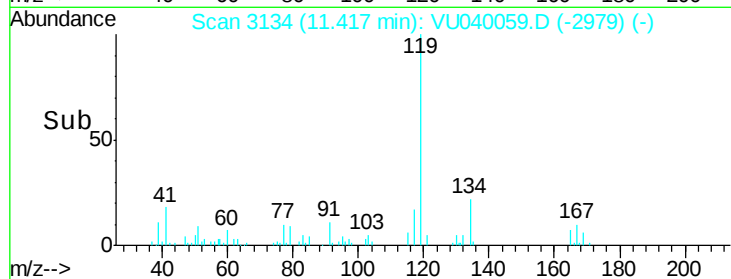
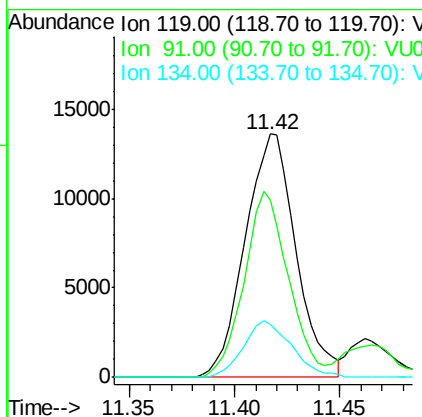
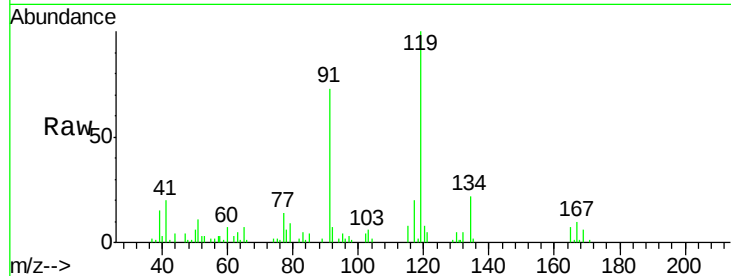




#77
 tert-Butylbenzene
 Concen: 0.744 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

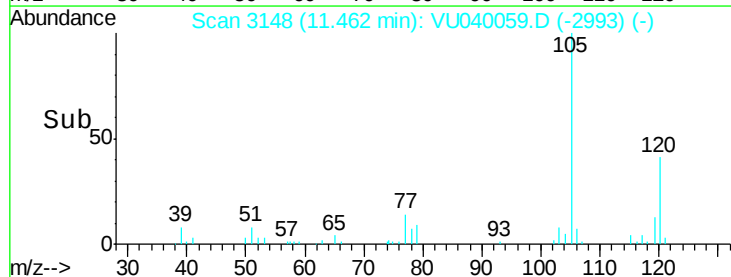
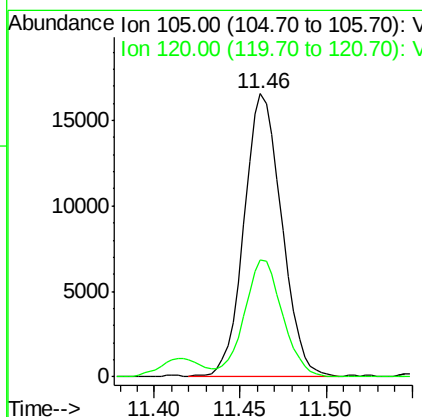
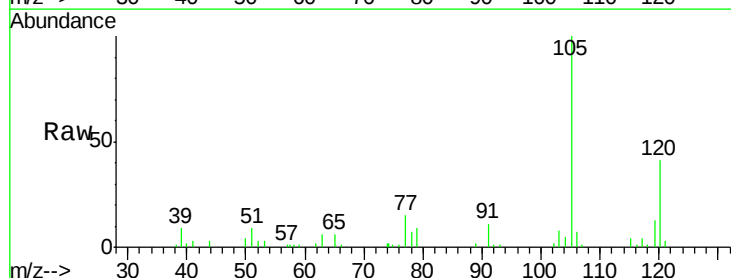
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

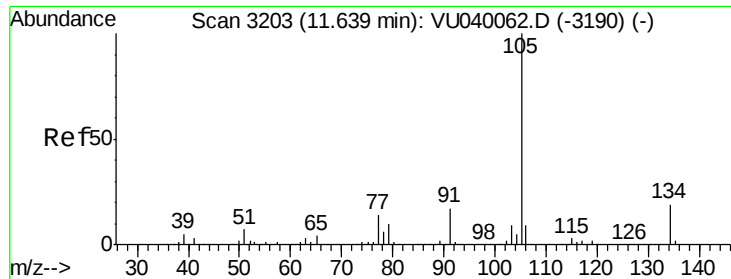
Tgt Ion:119 Resp: 22867
 Ion Ratio Lower Upper
 119 100
 91 66.4 34.2 102.5
 134 21.8 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 0.765 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:105 Resp: 25266
 Ion Ratio Lower Upper
 105 100
 120 42.1 21.9 65.5

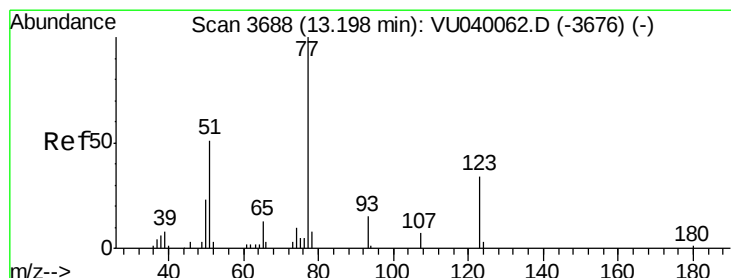
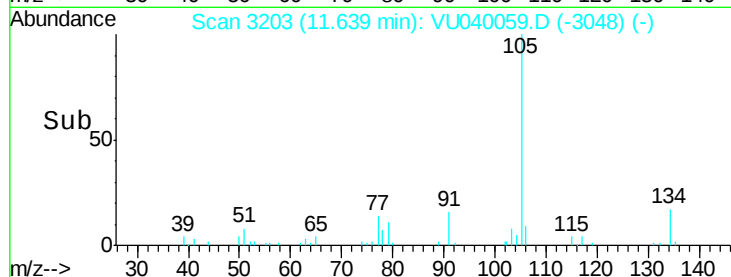
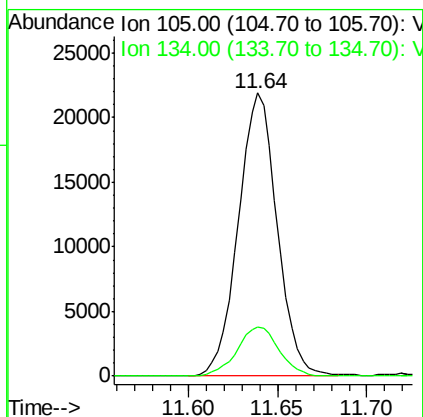
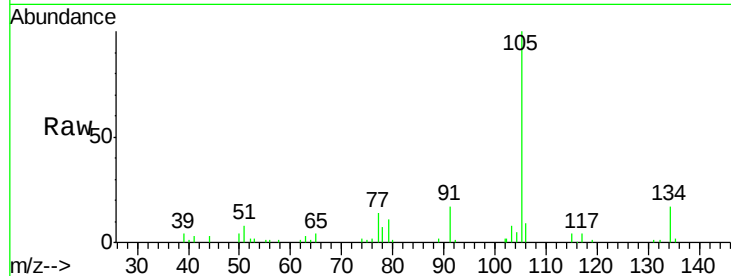




#79
 sec-Butylbenzene
 Concen: 0.758 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

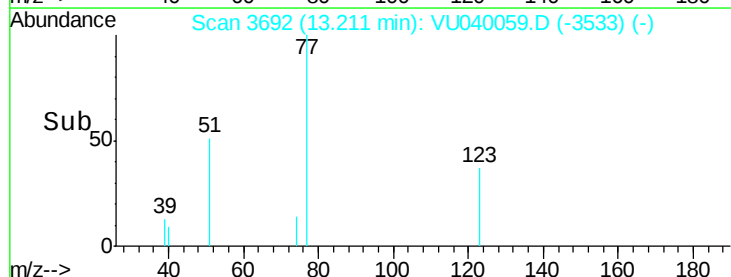
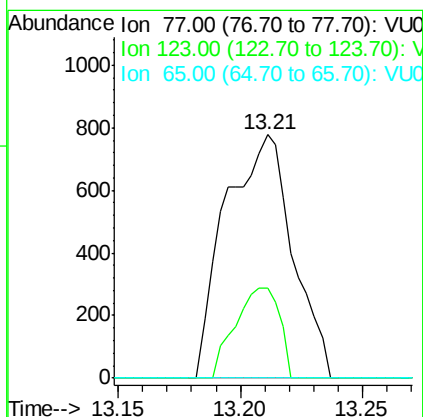
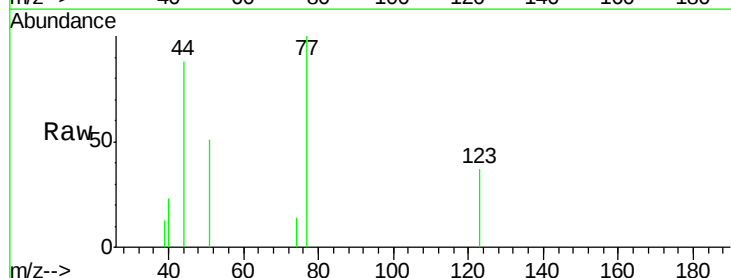
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

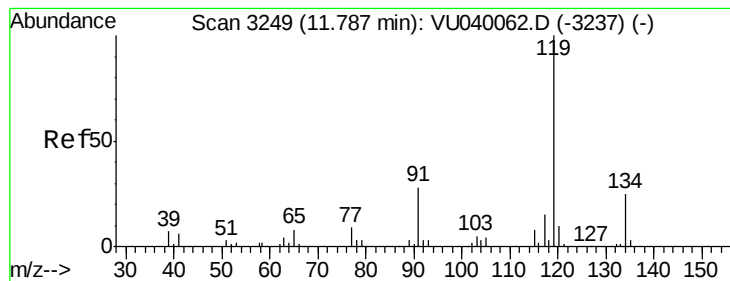
Tgt Ion: 105 Resp: 33351
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.4



#80
 Nitrobenzene
 Concen: 7.508 ug/l
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.01 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 77 Resp: 1488
 Ion Ratio Lower Upper
 77 100
 123 24.5 16.4 58.0
 65 0.0 12.5 15.9#





#81

p-Isopropyltoluene

Concen: 0.727 ug/l

RT: 11.79 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

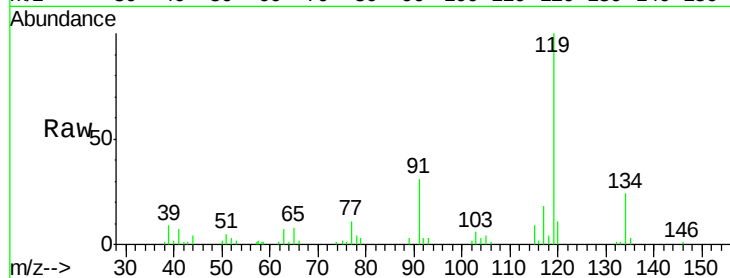
Tgt Ion:119 Resp: 25740

Ion Ratio Lower Upper

119 100

134 23.7 20.3 30.5

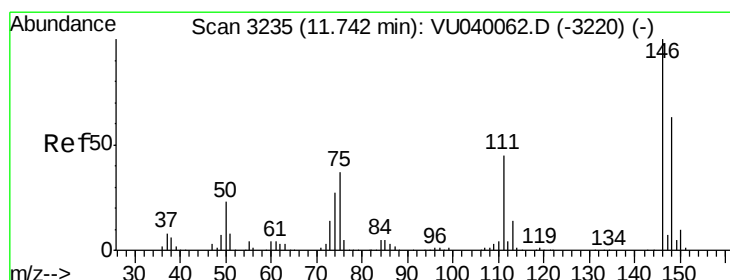
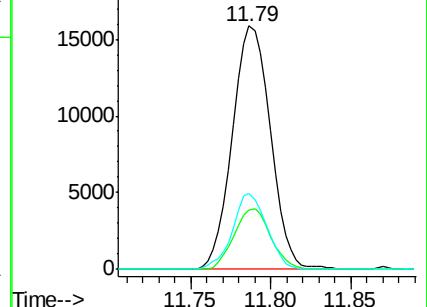
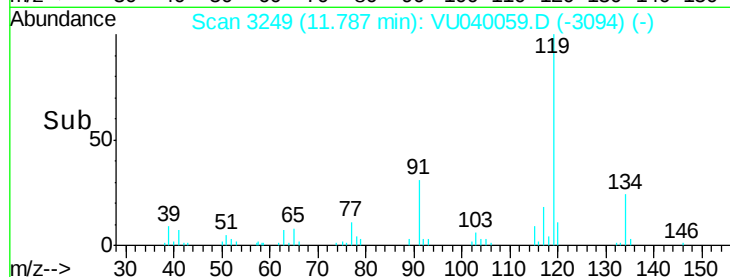
91 28.0 22.2 33.2



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: 0.866 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

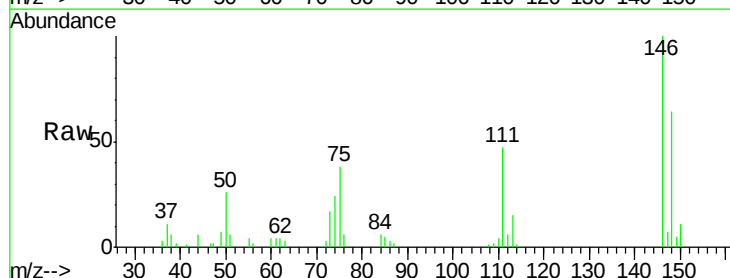
Tgt Ion:146 Resp: 15867

Ion Ratio Lower Upper

146 100

111 43.6 35.4 53.0

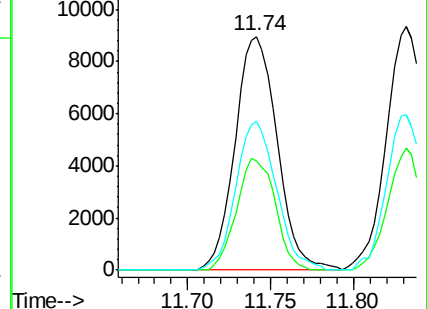
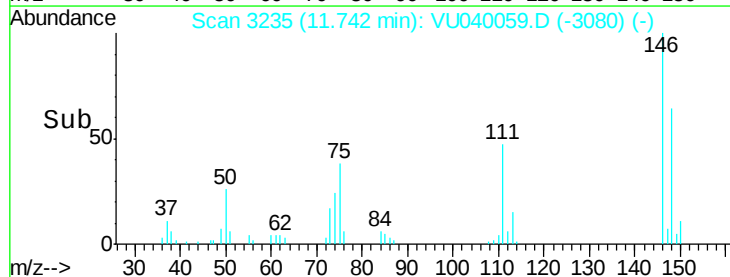
148 61.4 49.7 74.5

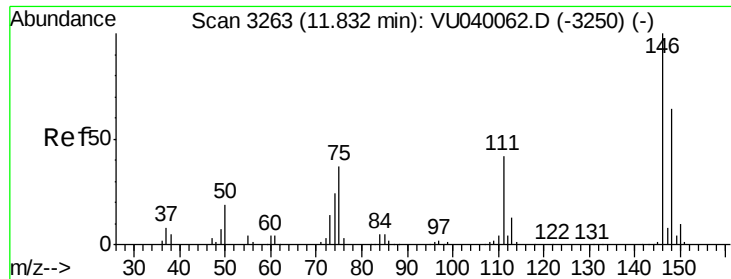


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

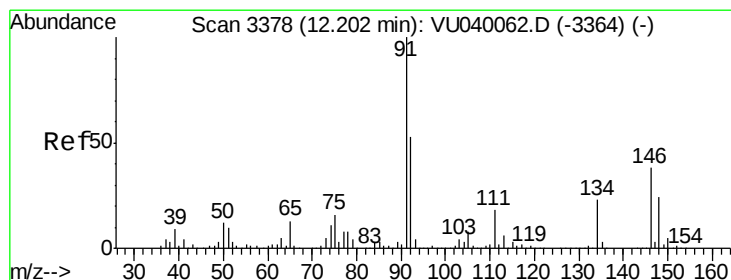
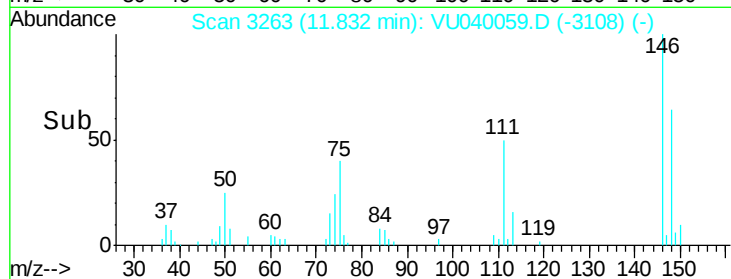
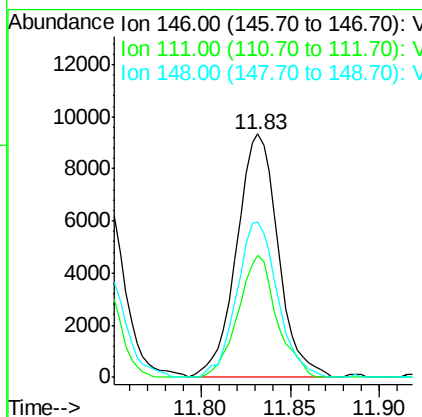
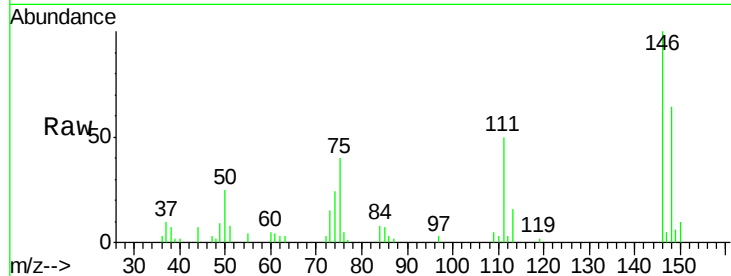




#83
 1,4-Dichlorobenzene
 Concen: 0.824 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

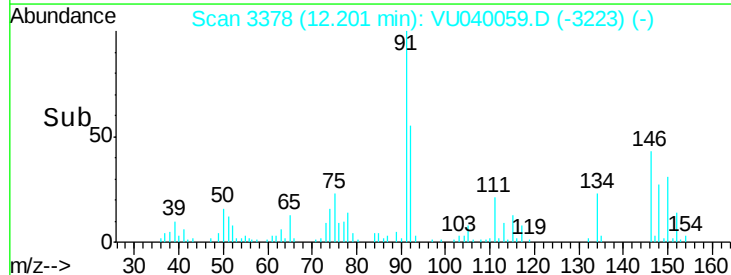
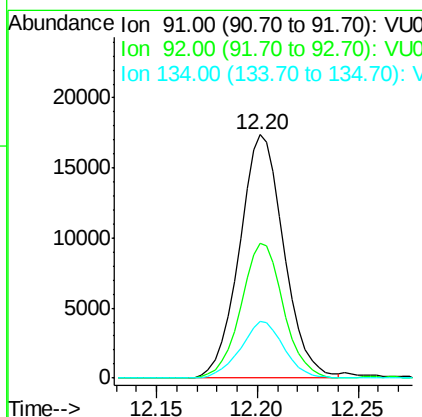
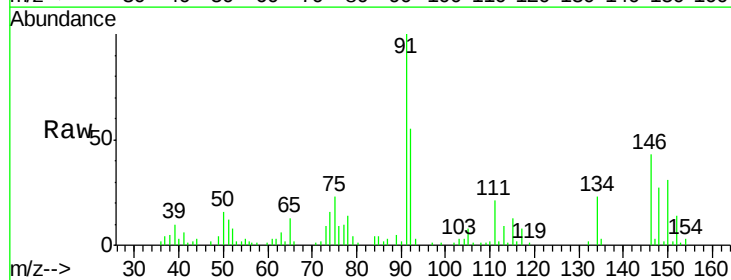
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

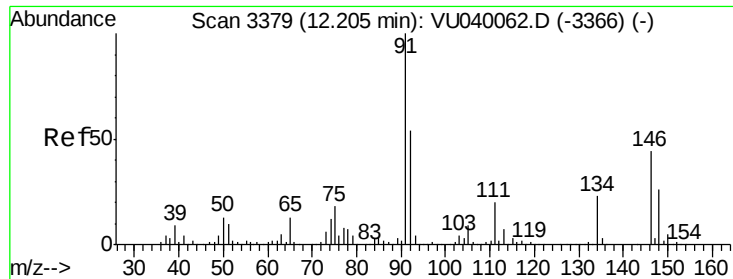
Tgt Ion: 146 Resp: 15234
 Ion Ratio Lower Upper
 146 100
 111 46.6 34.2 51.2
 148 62.6 50.2 75.2



#84
 n-Butylbenzene
 Concen: 0.712 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 91 Resp: 26756
 Ion Ratio Lower Upper
 91 100
 92 53.0 43.0 64.4
 134 22.8 18.6 27.8

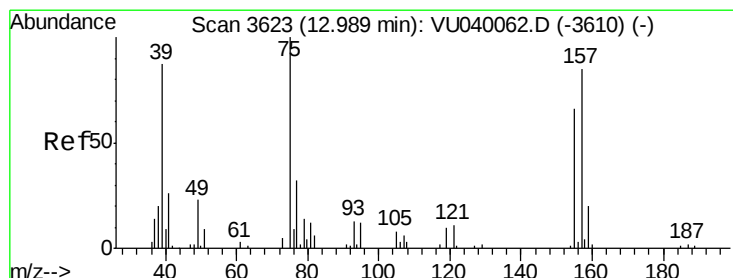
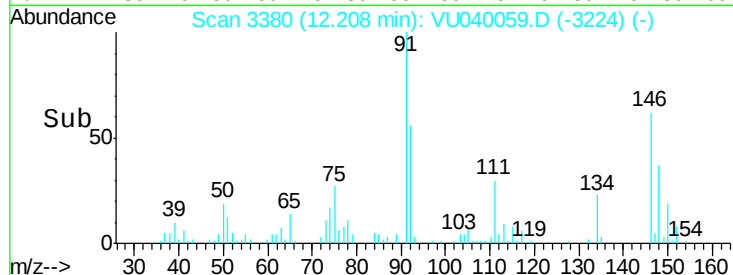
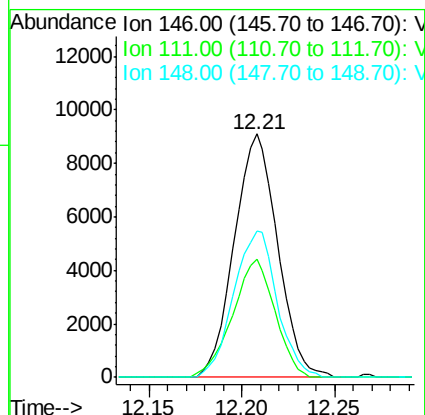
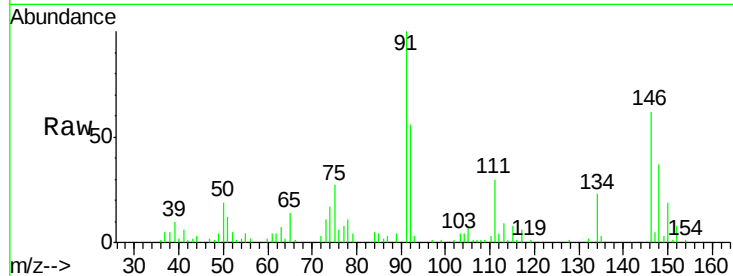




#85
 1,2-Dichlorobenzene
 Concen: 0.834 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

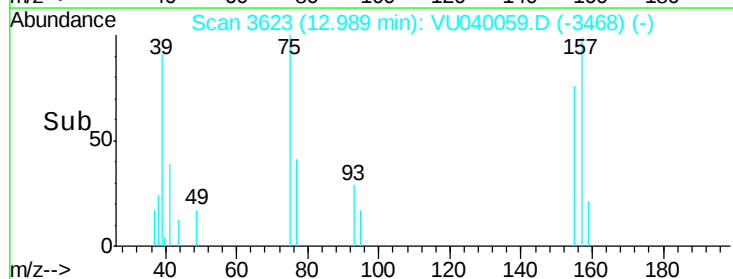
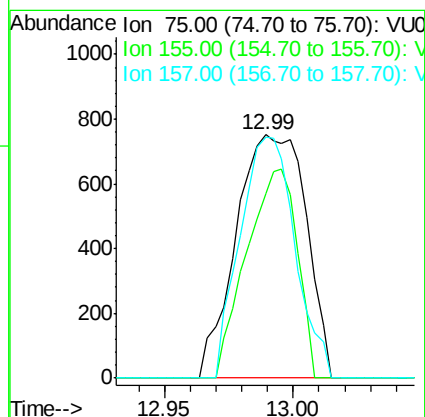
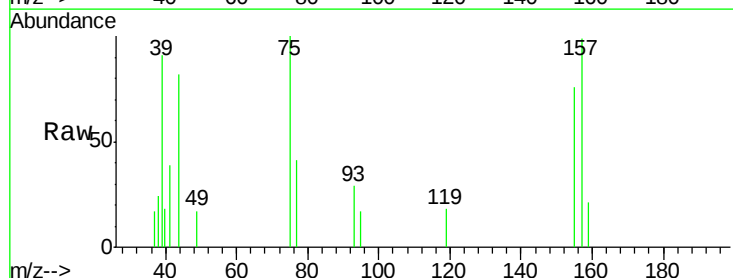
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

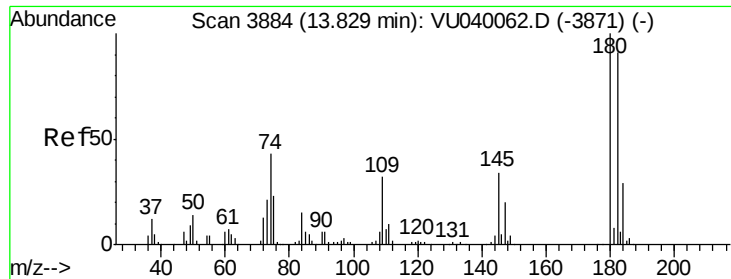
Tgt Ion: 146 Resp: 14752
 Ion Ratio Lower Upper
 146 100
 111 47.5 22.9 68.7
 148 60.2 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.880 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion: 75 Resp: 1419
 Ion Ratio Lower Upper
 75 100
 155 62.3 53.4 80.0
 157 78.1 65.8 98.8

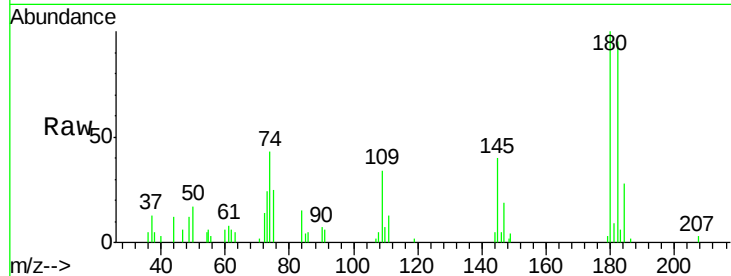




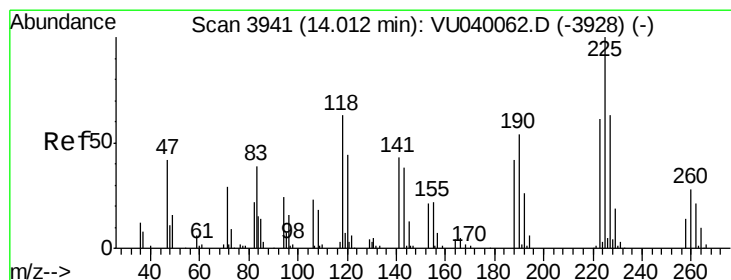
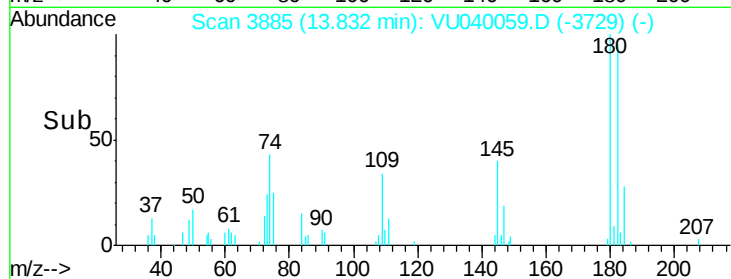
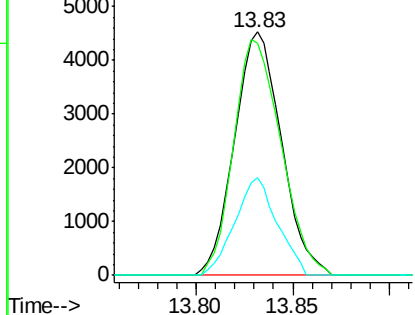
#87
 1,2,4-Trichlorobenzene
 Concen: 0.698 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 7657
 Ion Ratio Lower Upper
 180 100
 182 97.3 75.0 112.4
 145 36.1 27.7 41.5

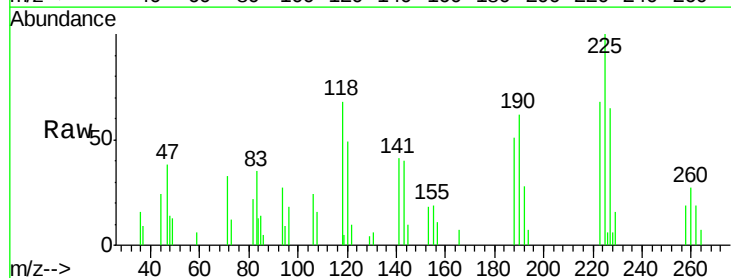


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

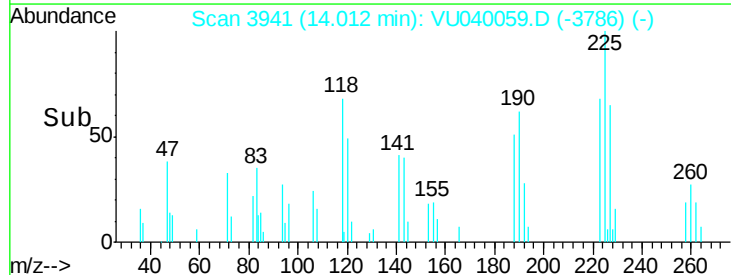
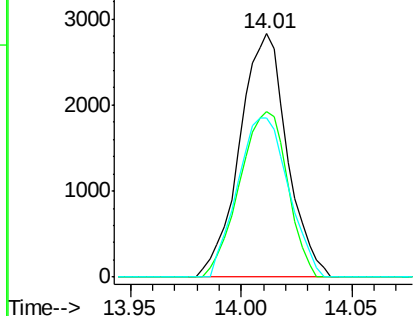


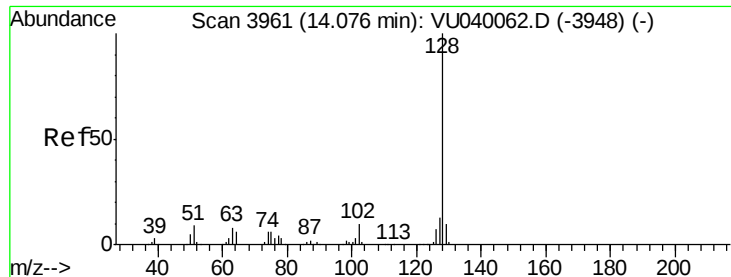
#88
 Hexachlorobutadiene
 Concen: 0.829 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040059.D
 Acq: 09 Sep 2020 11:00

Tgt Ion:225 Resp: 4234
 Ion Ratio Lower Upper
 225 100
 223 68.7 50.7 76.1
 227 70.1 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: 0.577 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

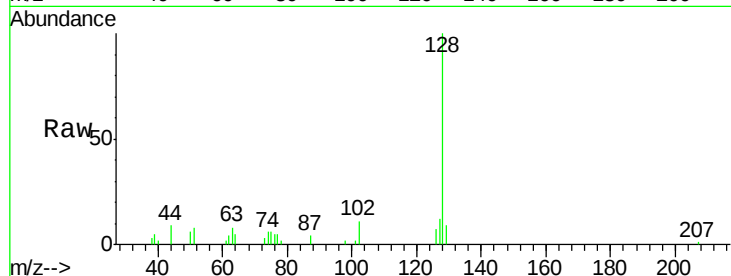
Tgt Ion:128 Resp: 13468

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

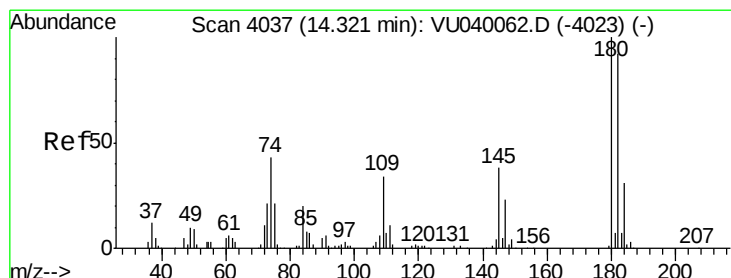
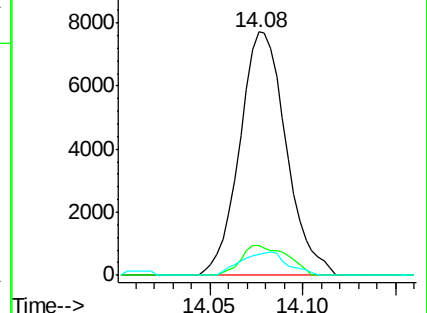
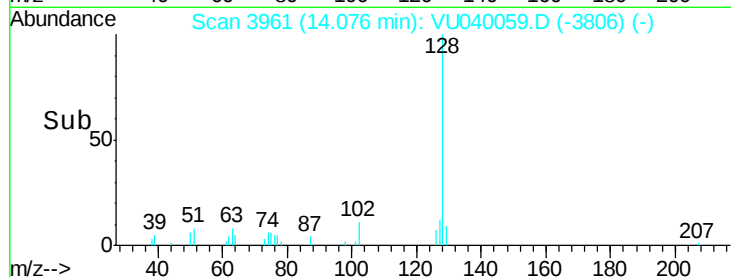
129 9.5 8.3 12.5



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: 0.702 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040059.D

Acq: 09 Sep 2020 11:00

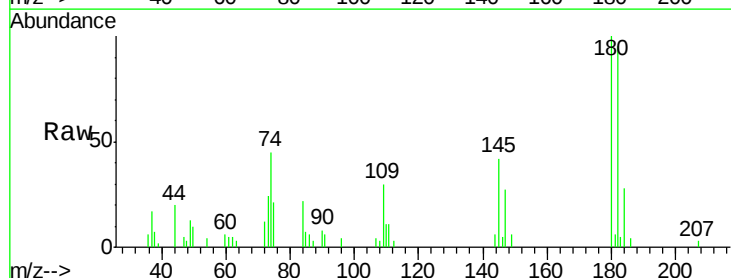
Tgt Ion:180 Resp: 7278

Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 39.1 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

