

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040062.D
 Acq On : 09 Sep 2020 12:30
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Sep 10 03:48:22 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	28193	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	12070	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10539	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	79366	8.367 ug/l	100
3) Chloromethane	1.53	50	81205	6.998 ug/l	100
4) Vinyl Chloride	1.61	62	79275	7.378 ug/l	100
5) Bromomethane	1.86	94	50549	6.830 ug/l	100
6) Chloroethane	1.94	64	50171	6.772 ug/l	100
7) Trichlorofluoromethane	2.15	101	123752	8.537 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	70583	8.481 ug/l	100
9) 1,1-Dichloroethene	2.59	96	59647	7.888 ug/l	100
10) Iodomethane	2.74	142	69496	9.231 ug/l	100
11) Allyl Chloride	2.94	41	114983	7.131 ug/l	100
12) Acrylonitrile	3.33	53	40763	15.331 ug/l	100
13) Acetone	2.64	43	94225	37.614 ug/l	100
14) Carbon Disulfide	2.81	76	165895	6.177 ug/l	100
15) Methylene Chloride	3.06	84	75501	7.105 ug/l	100
16) trans-1,2-Dichloroethene	3.37	96	66241	7.715 ug/l	100
17) 1,1-Dichloroethane	3.89	63	137890	7.368 ug/l	100
18) 2-Butanone	4.74	43	141461	34.134 ug/l	100
19) Cyclohexane	5.40	56	104662	5.854 ug/l	92
20) Methylcyclohexane	6.77	83	116925	8.638 ug/l	100
21) 2,2-Dichloropropane	4.68	77	125970	8.097 ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	74985	8.053 ug/l	100
23) Diethyl Ether	2.39	59	55673	7.262 ug/l	100
24) tert-Butyl Alcohol	3.21	59	71320	51.203 ug/l	100
25) Methyl tert-Butyl Ether	3.39	73	199509	8.070 ug/l	100
26) Bromochloromethane	4.99	128	32460	8.437 ug/l	100
27) Chloroform	5.11	83	140147	7.893 ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	125142	8.612 ug/l	100
29) 1,1-Dichloropropene	5.54	75	106298	7.717 ug/l	100
30) Carbon Tetrachloride	5.54	117	114978	9.523 ug/l	100
31) Isopropyl Ether	4.02	45	242393	7.130 ug/l	100
32) Ethyl-t-butyl ether	4.53	59	223608	7.657 ug/l	100
33) Tert-Amyl methyl ether	5.96	73	201343	9.303 ug/l	100
34) Propionitrile	4.81	54	36682	35.794 ug/l	100
35) Benzene	5.79	78	301402	8.686 ug/l	100
36) 1,2-Dichloroethane	5.81	62	115530	8.855 ug/l	100
37) Trichloroethene	6.55	130	76289	9.506 ug/l	100
38) 1,2-Dichloropropane	6.81	63	86763	9.094 ug/l	100
39) Methacrylonitrile	5.00	41	35957	6.605 ug/l	100
40) Methyl acrylate	4.87	55	49070	7.050 ug/l	100
41) Tetrahydrofuran	5.09	42	33709	12.422 ug/l	100
42) 1-Chlorobutane	5.47	56	159866	7.442 ug/l	100

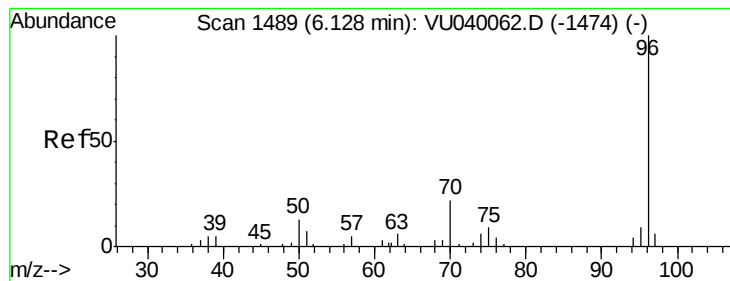
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040062.D
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 ClientSampleId :
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Quant Time: Sep 10 03:48:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant 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	48438	9.300	ug/l	100
44) Bromodichloromethane	7.12	83	117138	9.825	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	354913	45.746	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	121290	49.313	ug/l #	54
47) Methyl methacrylate	6.98	69	91407	19.096	ug/l	100
48) Ethyl methacrylate	8.34	69	83951	9.530	ug/l	100
49) Toluene	7.98	92	185166	9.029	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	112999	10.526	ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	124526	9.910	ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	63521	9.411	ug/l	100
53) 1,3-Dichloropropane	8.58	76	115691	9.003	ug/l	100
54) 2-Hexanone	8.69	43	256429	46.136	ug/l	100
55) Dibromochloromethane	8.82	129	75804	10.377	ug/l	100
56) 1,2-Dibromoethane	8.93	107	59350	9.213	ug/l	100
58) Tetrachloroethene	8.56	164	73750	10.308	ug/l	100
59) Chlorobenzene	9.45	112	205662	9.590	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	75004	10.226	ug/l	100
61) Pentachloroethane	11.42	117	48983	7.982	ug/l	100
62) Hexachloroethane	12.47	117	64378	10.879	ug/l	100
63) Ethyl Benzene	9.57	91	371150	9.732	ug/l	100
64) m/p-Xylenes	9.69	106	284605	19.193	ug/l	100
65) o-Xylene	10.10	106	134152	9.505	ug/l	100
66) Styrene	10.11	104	244236	10.056	ug/l	100
67) Bromoform	10.29	173	40194	10.792	ug/l	100
69) Isopropylbenzene	10.48	105	368423	9.737	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	85855	8.970	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	121290	17.069	ug/l	71
72) Bromobenzene	10.78	156	80799	9.369	ug/l	100
73) n-propylbenzene	10.90	120	102671	9.670	ug/l	100
74) 2-Chlorotoluene	10.98	126	86560	9.592	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	333158	10.172	ug/l	100
76) 4-Chlorotoluene	11.10	126	93881	10.021	ug/l	100
77) tert-Butylbenzene	11.42	119	298443	9.560	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	339502	10.126	ug/l	100
79) sec-Butylbenzene	11.64	105	437716	9.800	ug/l	100
80) Nitrobenzene	13.20	77	19079	94.780	ug/l	100
81) p-Isopropyltoluene	11.79	119	357008	9.934	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	176561	9.485	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	178509	9.512	ug/l	100
84) n-Butylbenzene	12.20	91	370981	9.717	ug/l	100
85) 1,2-Dichlorobenzene	12.20	146	171525	9.553	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	16993	10.377	ug/l	100
87) 1,2,4-Trichlorobenzene	13.83	180	106242	9.529	ug/l	100
88) Hexachlorobutadiene	14.01	225	53091	10.239	ug/l	100
89) Naphthalene	14.08	128	231298	9.756	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	99478	9.447	ug/l	100

(#) = 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: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 96 Resp: 28193

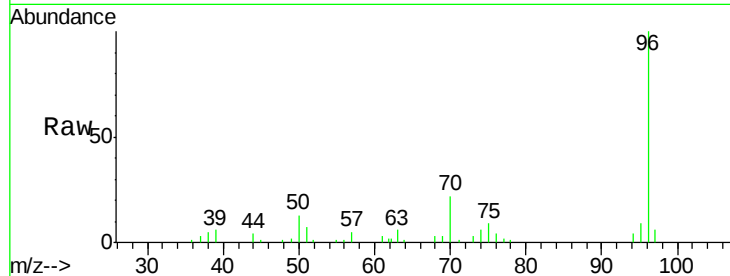
Ion Ratio Lower Upper

96 100

70 21.4 17.1 25.7

95 9.5 7.6 11.4

97 0.0 0.0 0.0

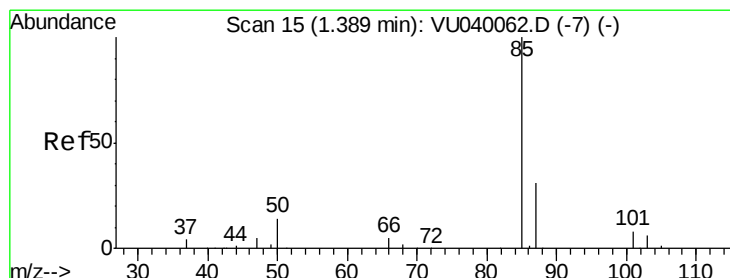
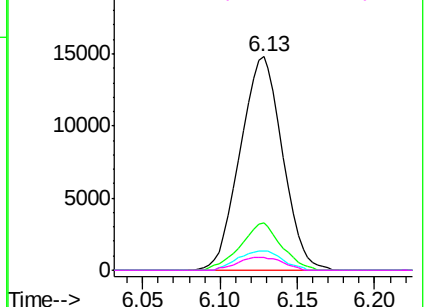
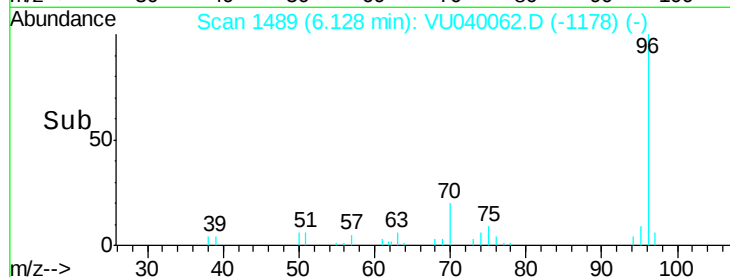


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 8.367 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040062.D

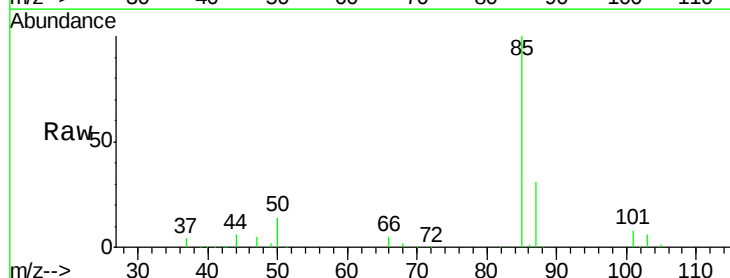
Acq: 09 Sep 2020 12:30

Tgt Ion: 85 Resp: 79366

Ion Ratio Lower Upper

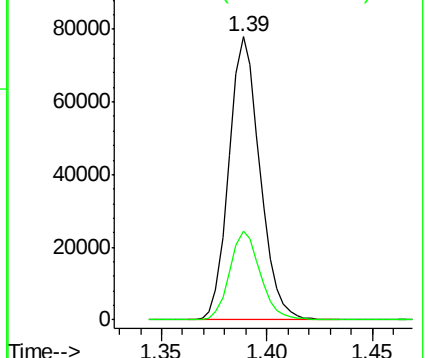
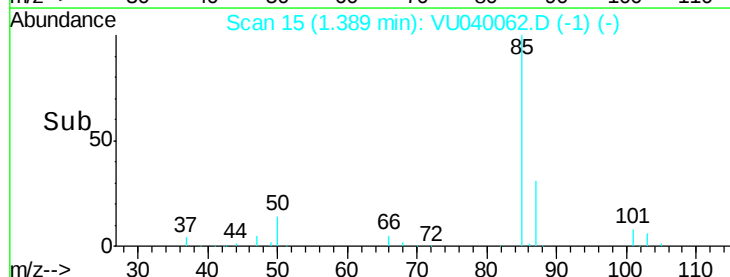
85 100

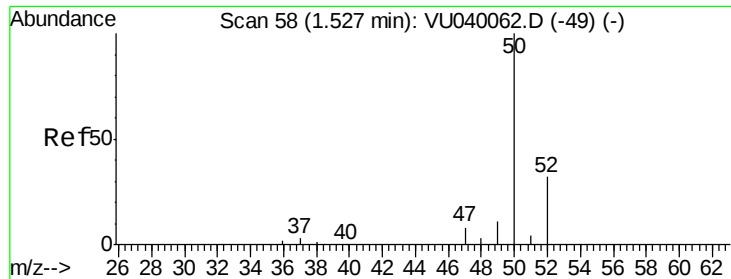
87 31.2 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

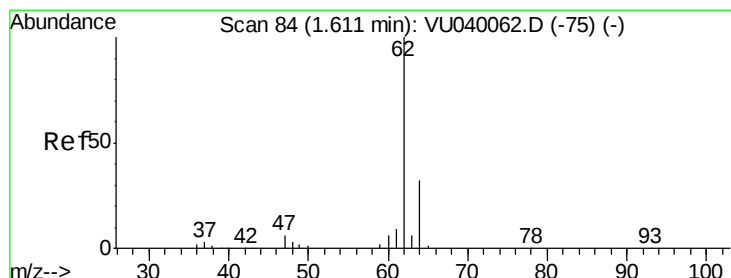
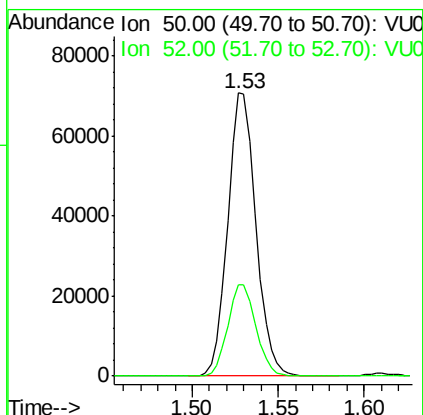
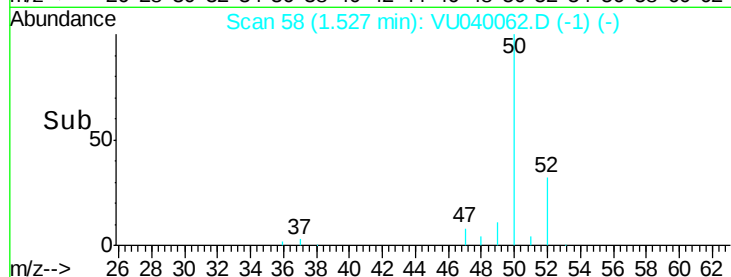
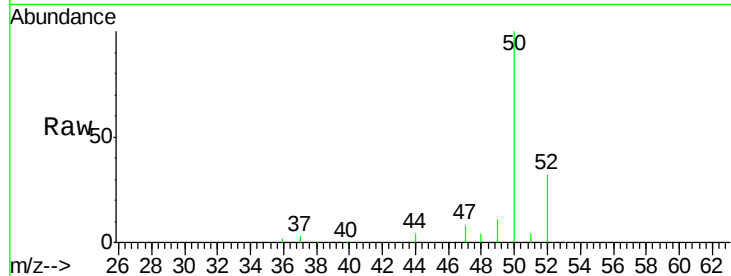




#3
 Chloromethane
 Concen: 6.998 ug/l
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

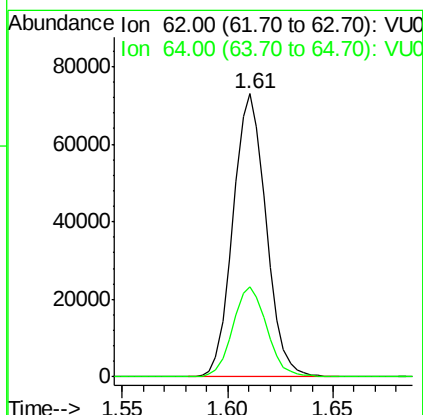
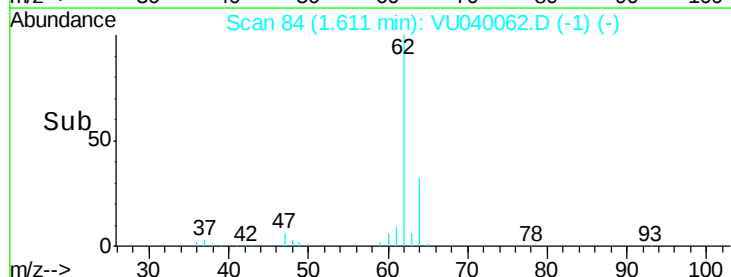
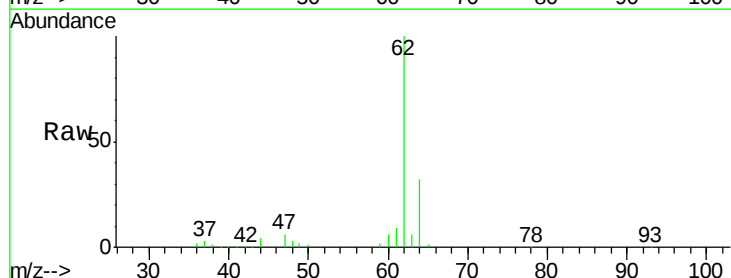
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

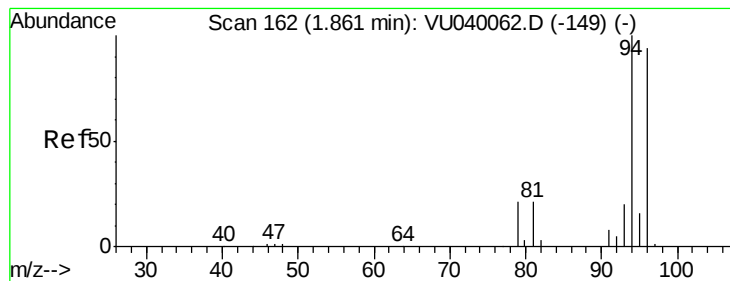
Tgt Ion: 50 Resp: 81205
 Ion Ratio Lower Upper
 50 100
 52 32.4 25.9 38.9



#4
 Vinyl Chloride
 Concen: 7.378 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion: 62 Resp: 79275
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.4 38.0





#5

Bromomethane

Concen: 6.830 ug/l

RT: 1.86 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

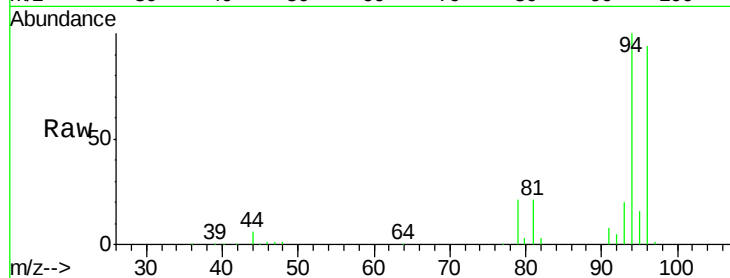
VSTDICCC010

Tgt Ion: 94 Resp: 50549

Ion Ratio Lower Upper

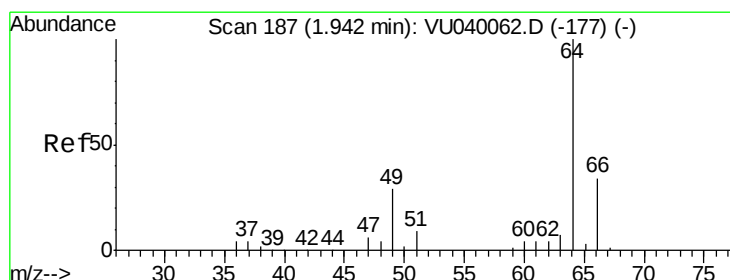
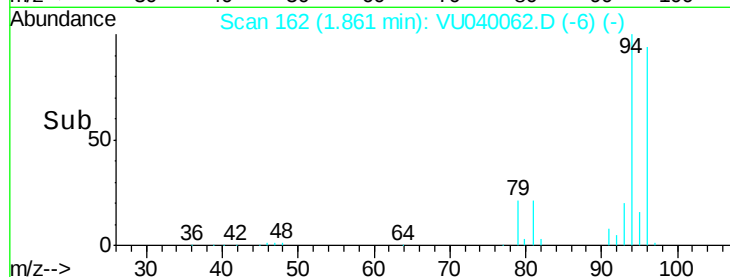
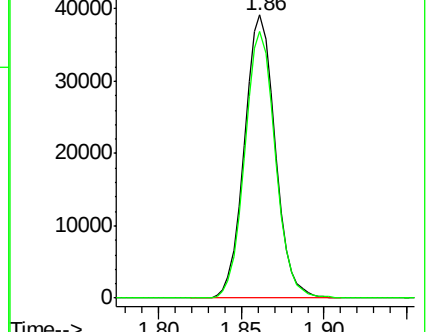
94 100

96 94.3 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VU040062.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VU040062.D (-149) (-)



#6

Chloroethane

Concen: 6.772 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040062.D

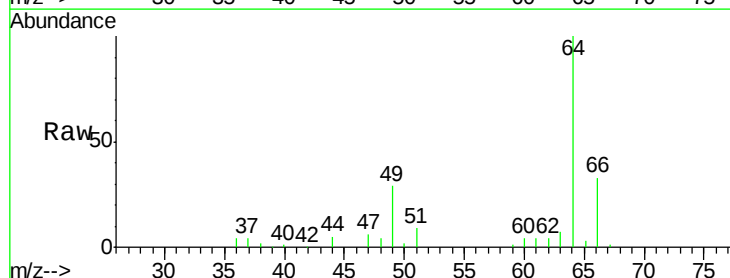
Acq: 09 Sep 2020 12:30

Tgt Ion: 64 Resp: 50171

Ion Ratio Lower Upper

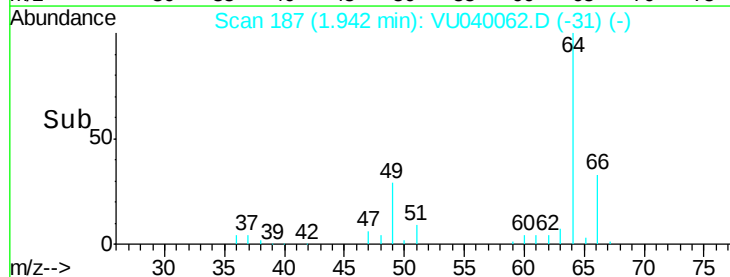
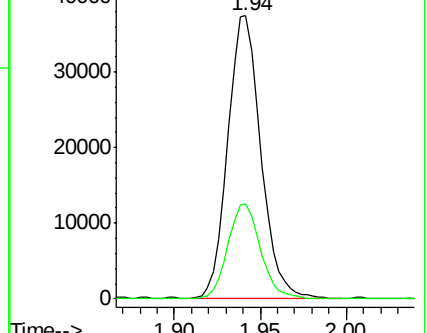
64 100

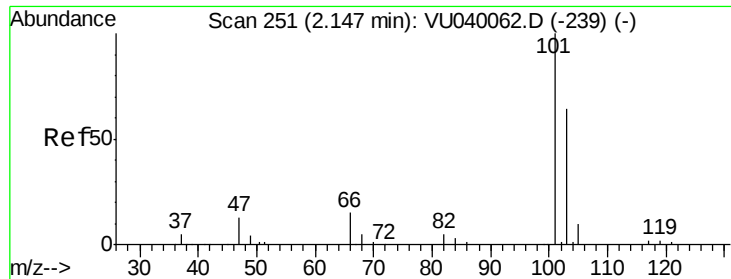
66 33.4 26.7 40.1



Abundance Ion 64.00 (63.70 to 64.70): VU040062.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040062.D (-177) (-)



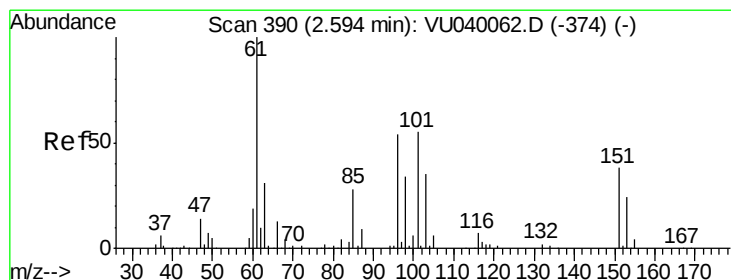
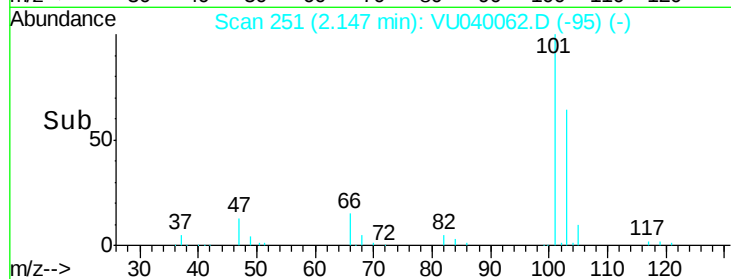
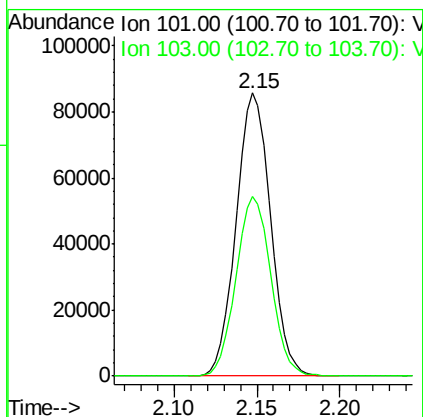
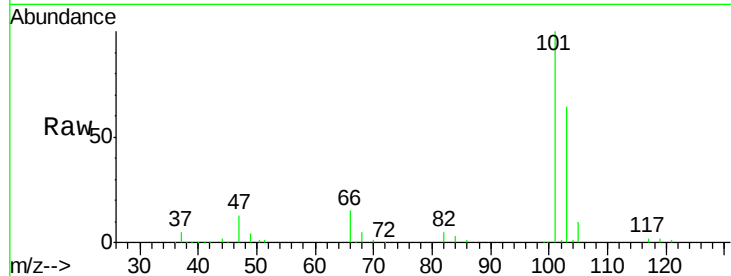


#7

Trichlorofluoromethane
 Concen: 8.537 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Instrument :
 MSVOA_U
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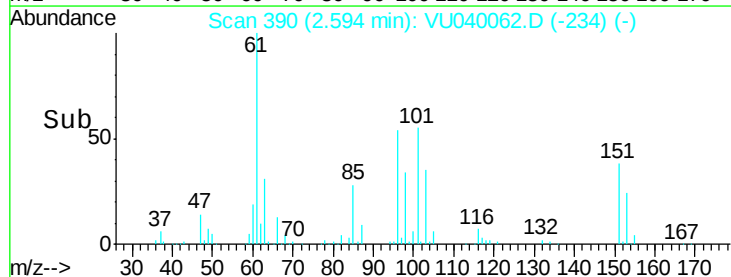
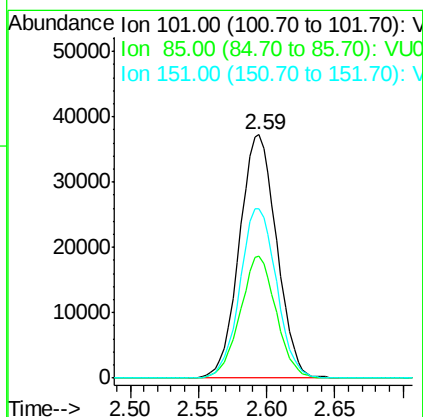
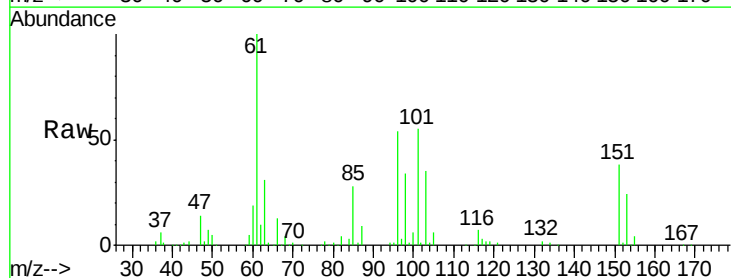
Tgt Ion:101 Resp: 123752
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2

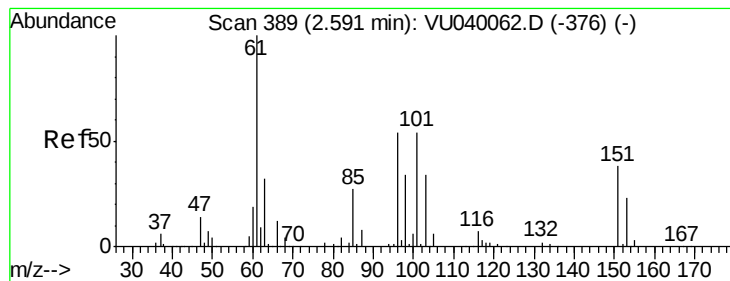


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.481 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion:101 Resp: 70583
 Ion Ratio Lower Upper
 101 100
 85 48.1 38.5 57.7
 151 68.2 54.6 81.8





#9

1,1-Dichloroethene

Concen: 7.888 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

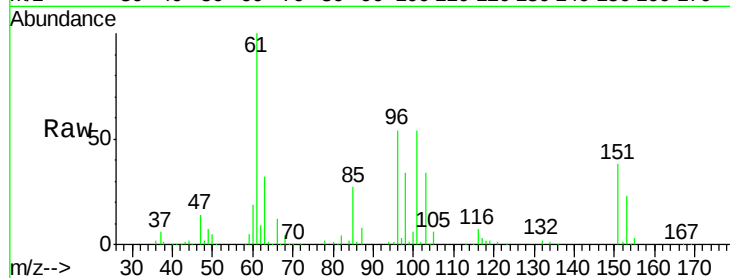
Tgt Ion: 96 Resp: 59647

Ion Ratio Lower Upper

96 100

61 185.7 0.0 557.1

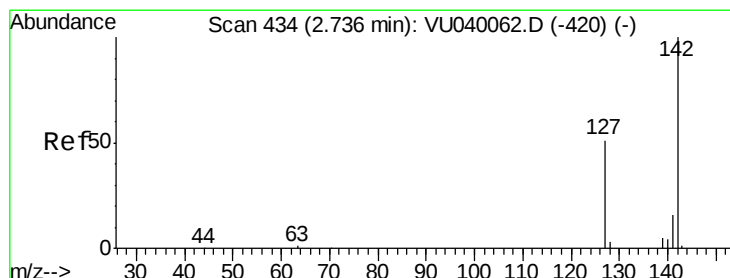
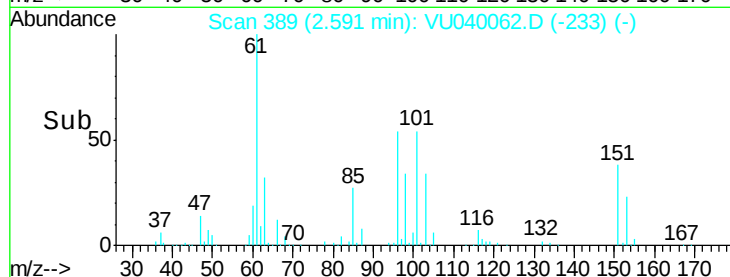
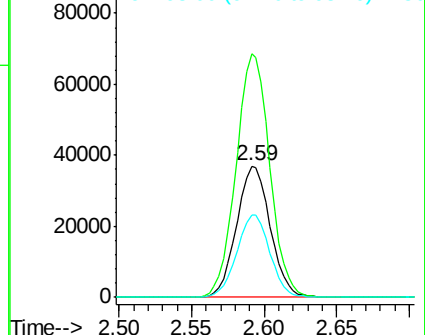
98 62.8 0.0 125.6



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: 9.231 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040062.D

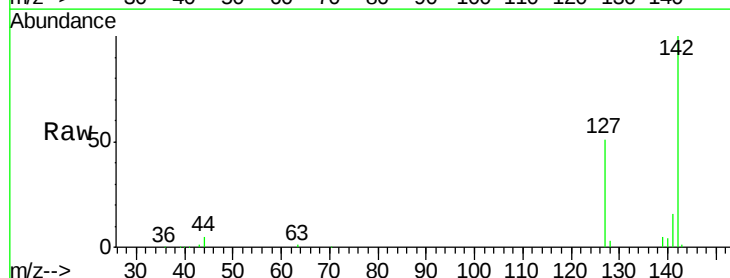
Acq: 09 Sep 2020 12:30

Tgt Ion: 142 Resp: 69496

Ion Ratio Lower Upper

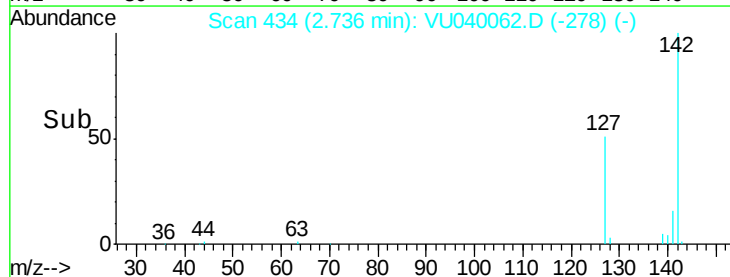
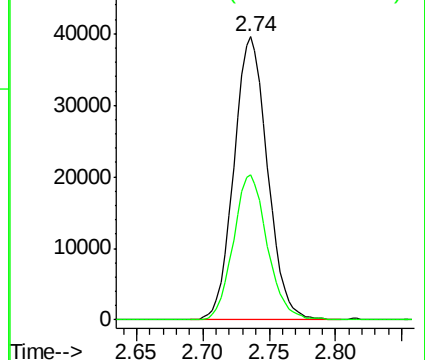
142 100

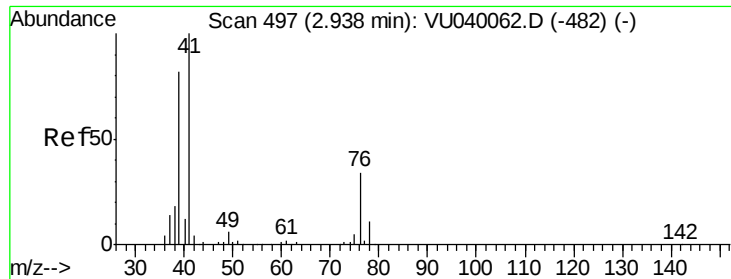
127 51.7 41.4 62.0



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

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

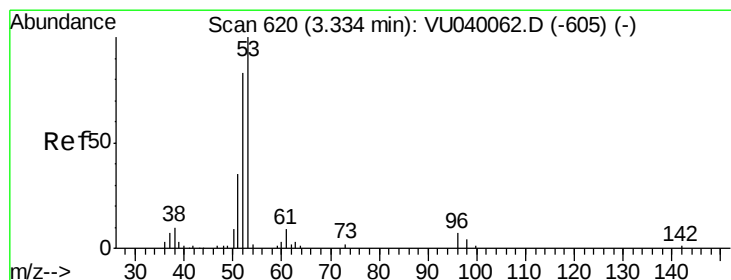
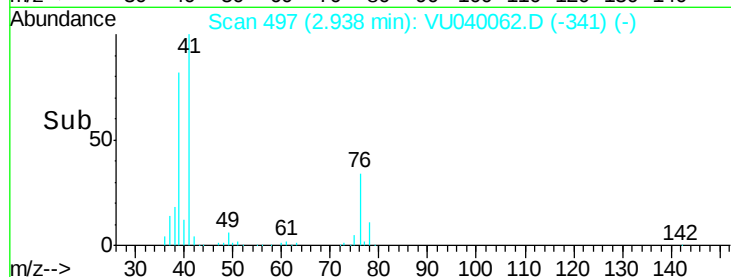
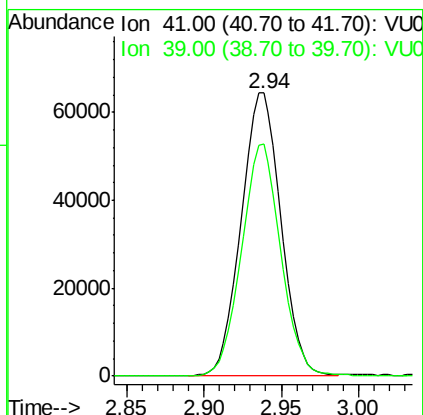
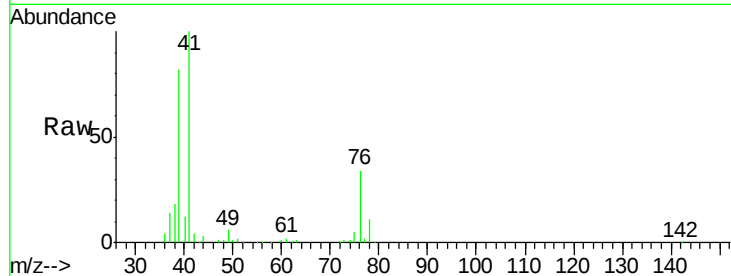




#11
 Allyl Chloride
 Concen: 7.131 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

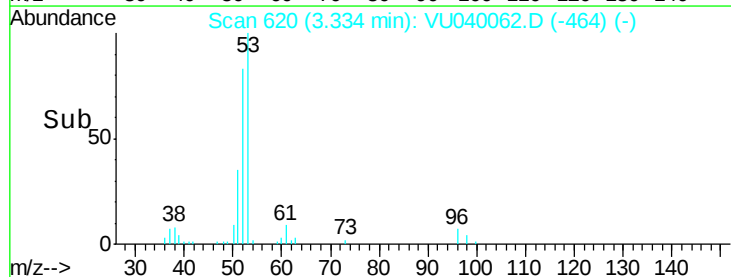
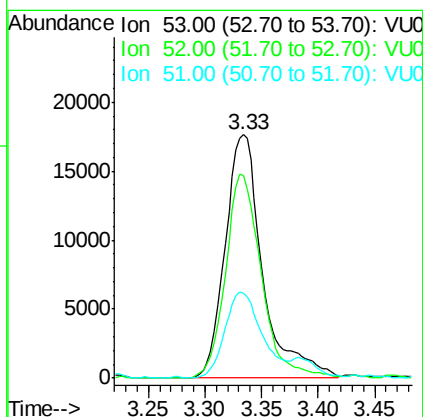
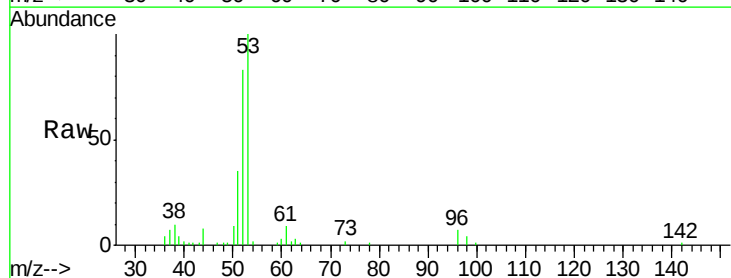
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

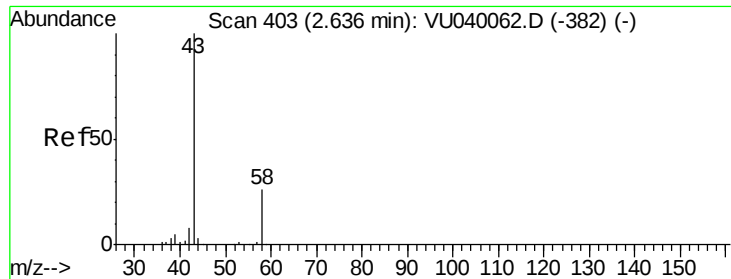
Tgt Ion: 41 Resp: 114983
 Ion Ratio Lower Upper
 41 100
 39 80.7 64.6 96.8



#12
 Acrylonitrile
 Concen: 15.331 ug/l
 RT: 3.33 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion: 53 Resp: 40763
 Ion Ratio Lower Upper
 53 100
 52 80.0 64.0 96.0
 51 35.2 28.2 42.2





#13

Acetone

Concen: 37.614 ug/l

RT: 2.64 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

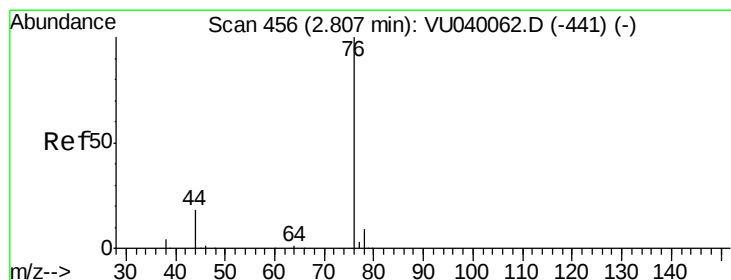
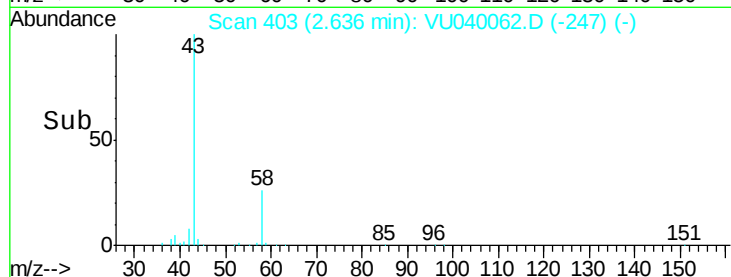
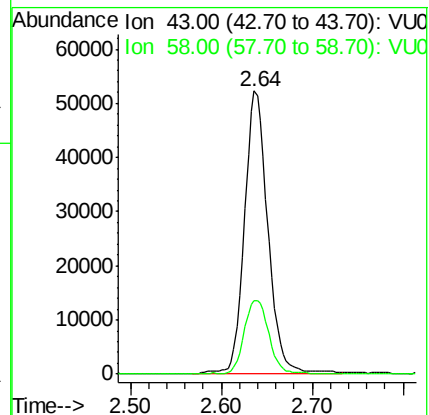
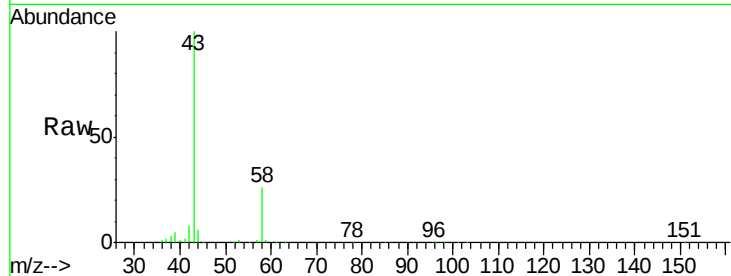
VSTDICCC010

Tgt Ion: 43 Resp: 94225

Ion Ratio Lower Upper

43 100

58 25.8 20.6 31.0



#14

Carbon Disulfide

Concen: 6.177 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040062.D

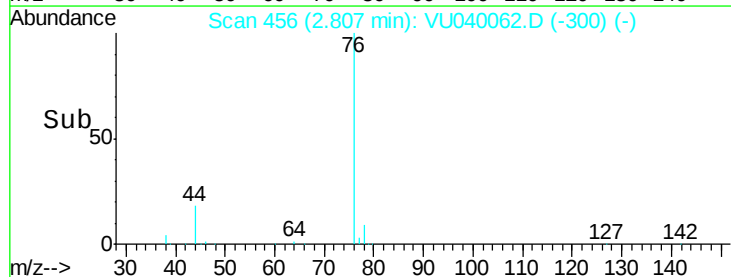
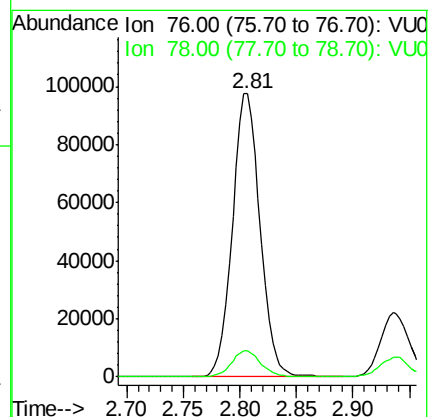
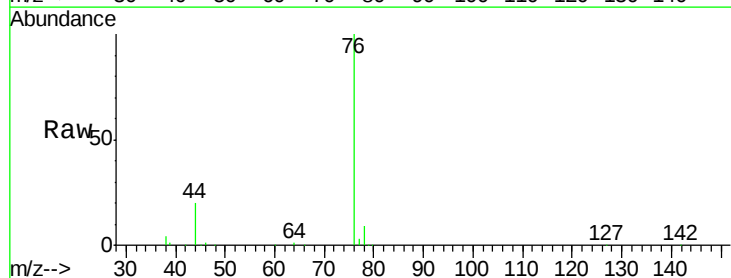
Acq: 09 Sep 2020 12:30

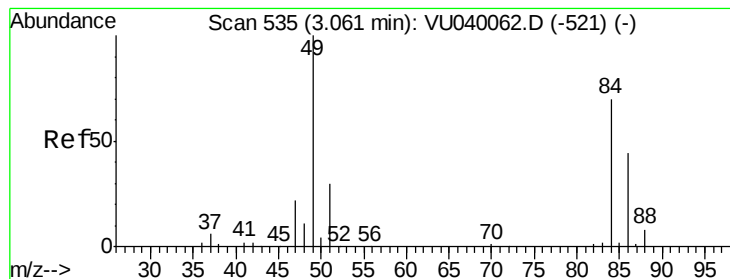
Tgt Ion: 76 Resp: 165895

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methylene Chloride

Concen: 7.105 ug/l

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 84 Resp: 75501

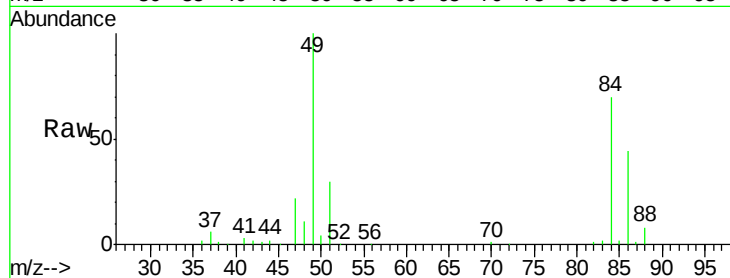
Ion Ratio Lower Upper

84 100

49 142.9 114.3 171.5

51 42.3 0.0 84.6

86 63.3 50.6 76.0

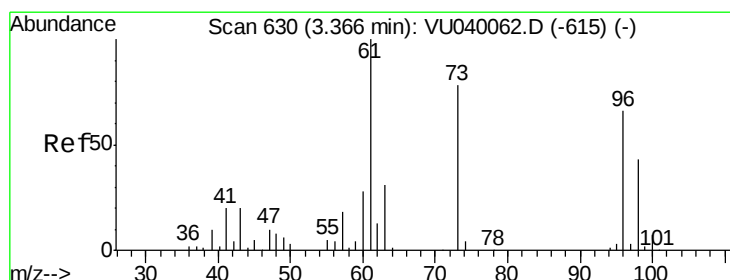
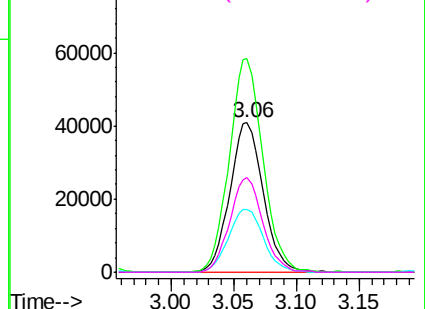
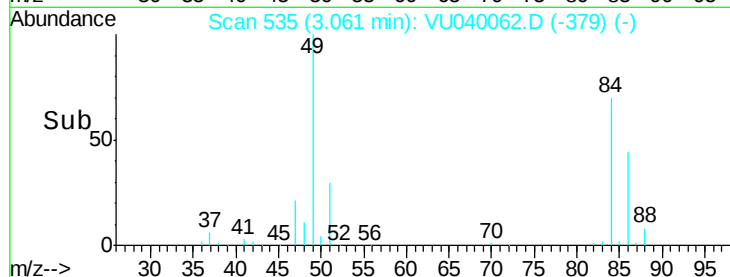


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 7.715 ug/l

RT: 3.37 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

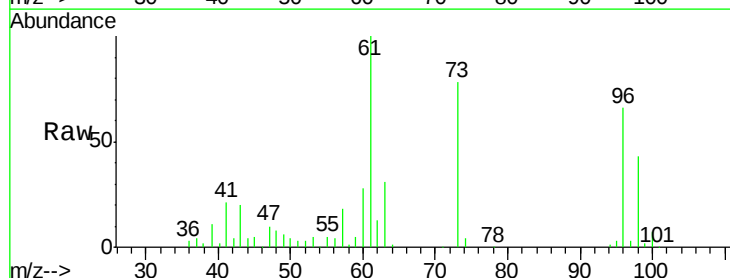
Tgt Ion: 96 Resp: 66241

Ion Ratio Lower Upper

96 100

61 151.7 121.4 182.0

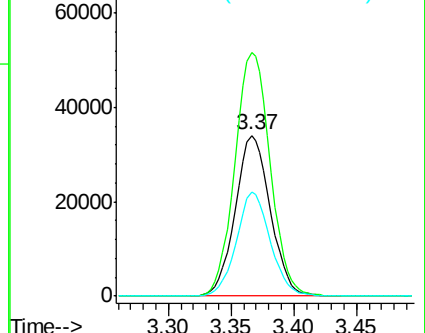
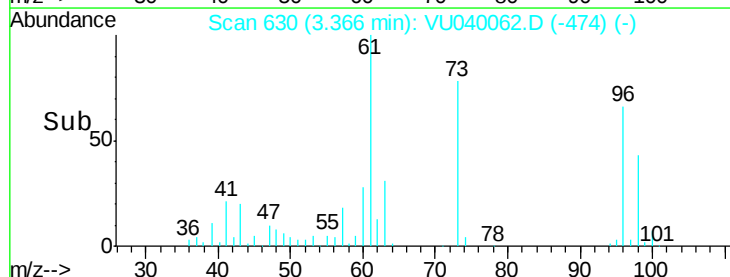
98 64.9 51.9 77.9

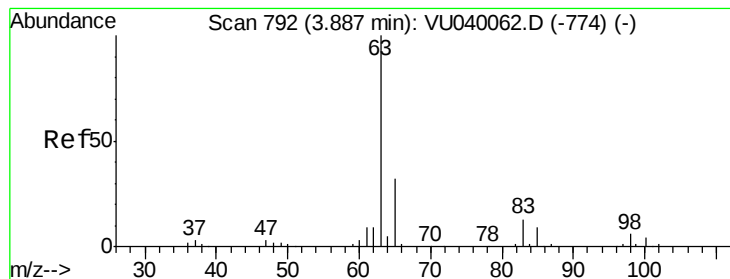


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 7.368 ug/l

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

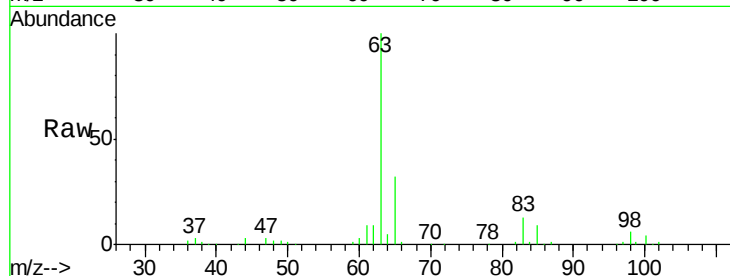
Tgt Ion: 63 Resp: 137890

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

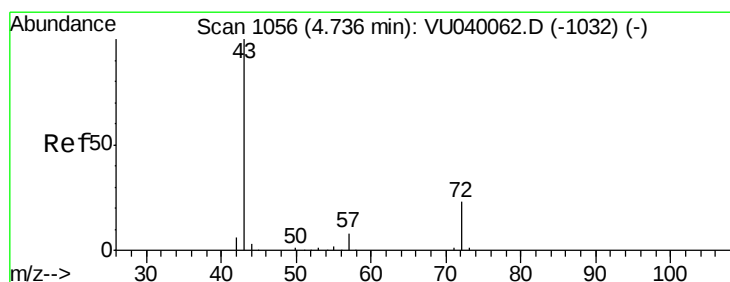
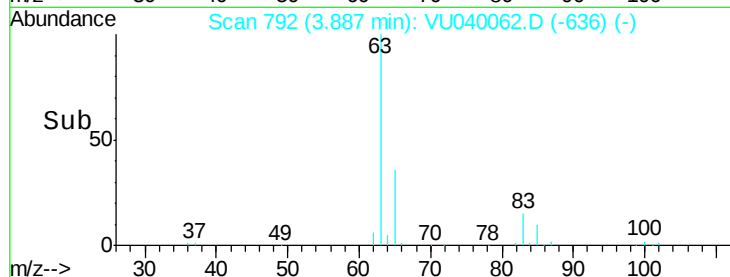
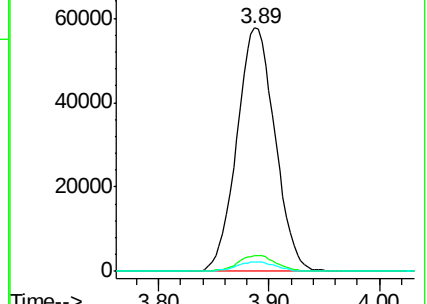
100 3.9 2.0 5.8



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: 34.134 ug/l

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU040062.D

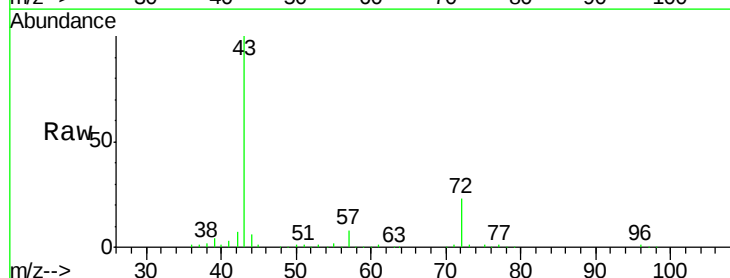
Acq: 09 Sep 2020 12:30

Tgt Ion: 43 Resp: 141461

Ion Ratio Lower Upper

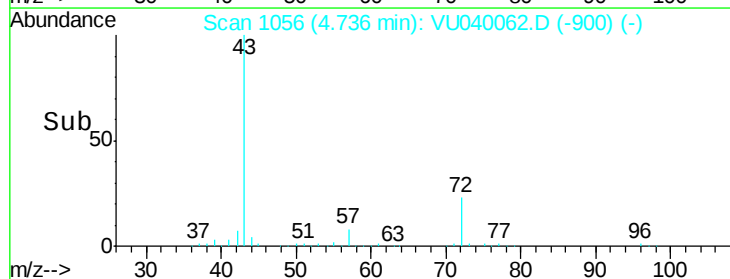
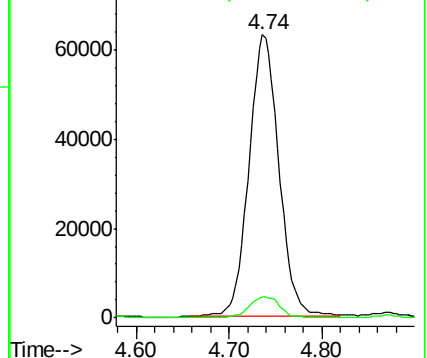
43 100

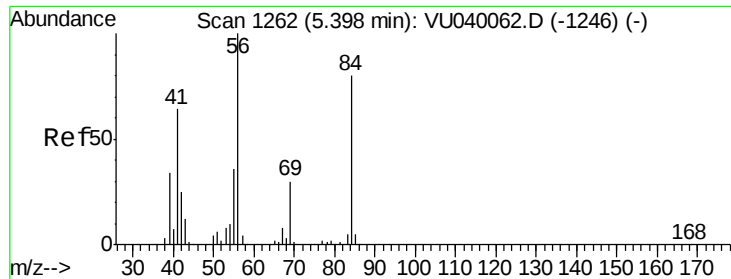
57 7.6 0.0 15.2



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

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

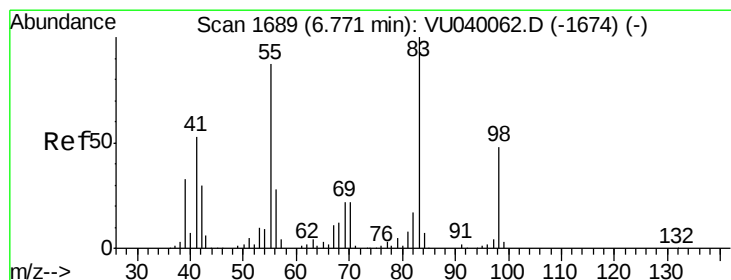
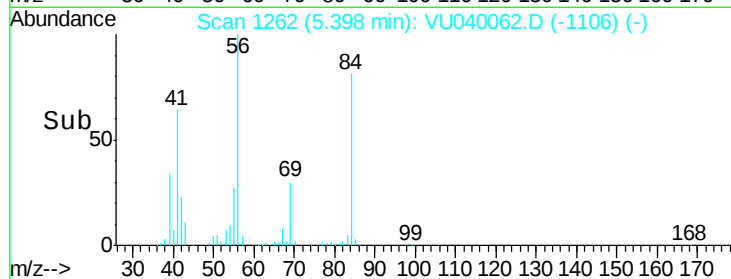
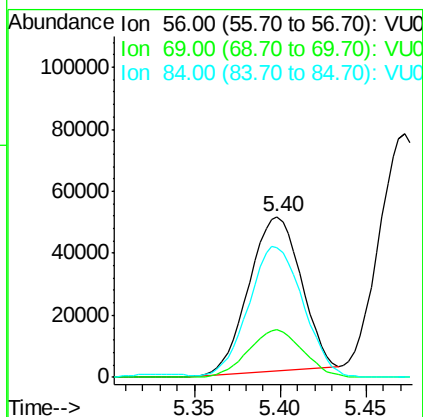
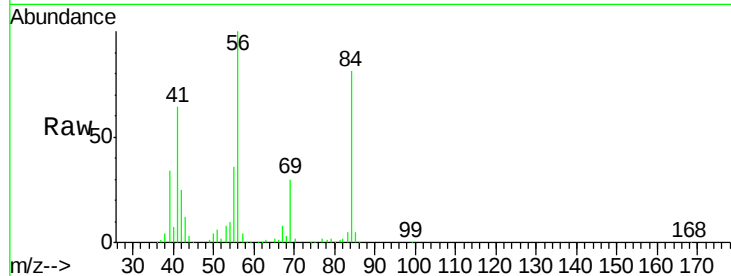




#19
Cyclohexane
Concen: 5.854 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

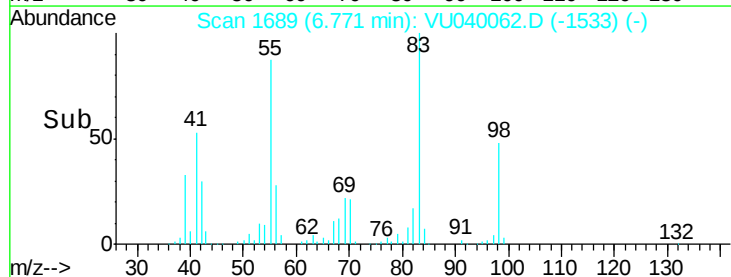
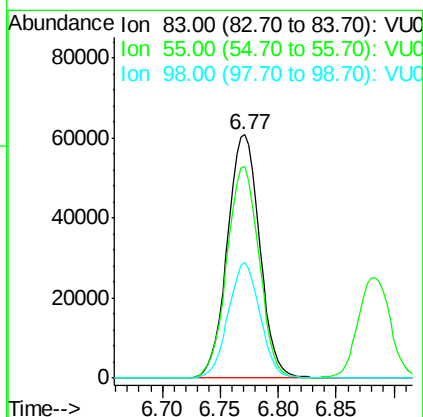
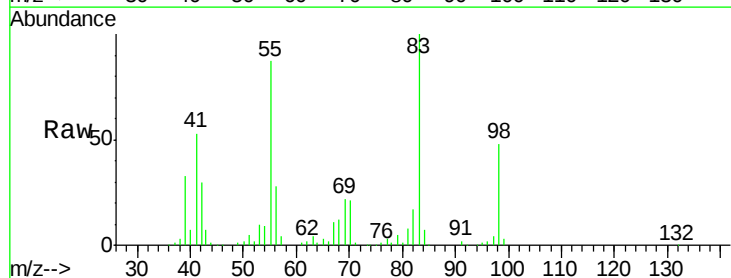
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

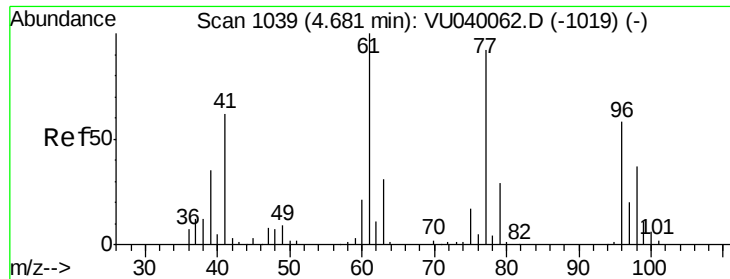
Tgt Ion: 56 Resp: 104662
Ion Ratio Lower Upper
56 100
69 32.4 23.5 35.3
84 87.7 63.8 95.6



#20
Methylcyclohexane
Concen: 8.638 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion: 83 Resp: 116925
Ion Ratio Lower Upper
83 100
55 86.8 69.4 104.2
98 46.9 37.5 56.3

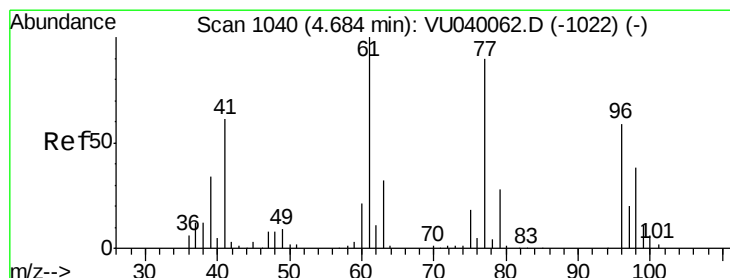
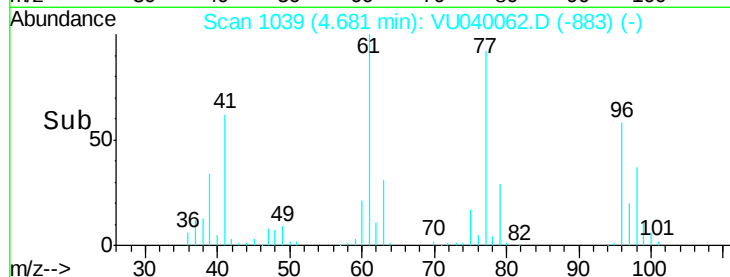
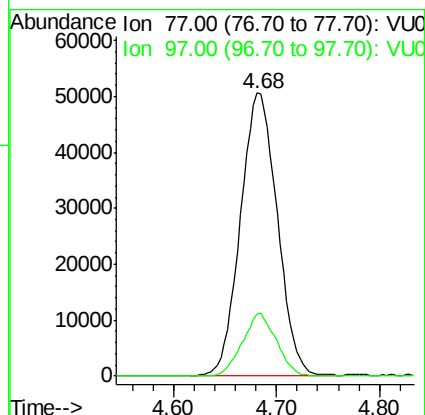
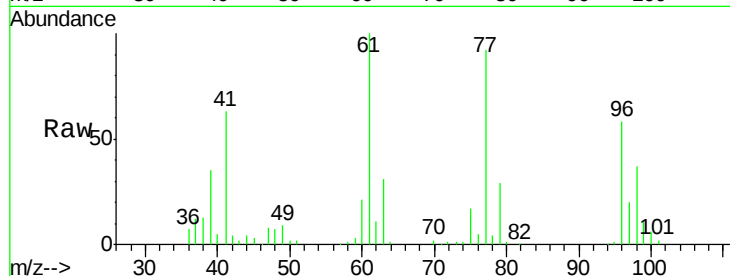




#21
 2,2-Dichloropropane
 Concen: 8.097 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

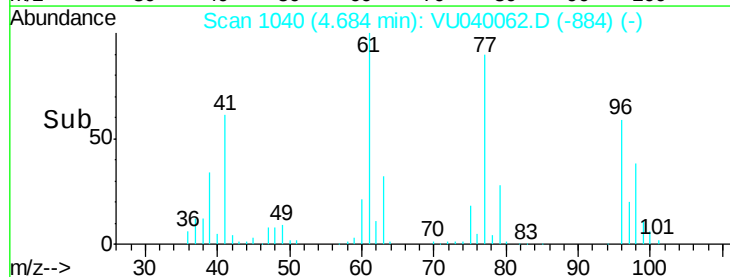
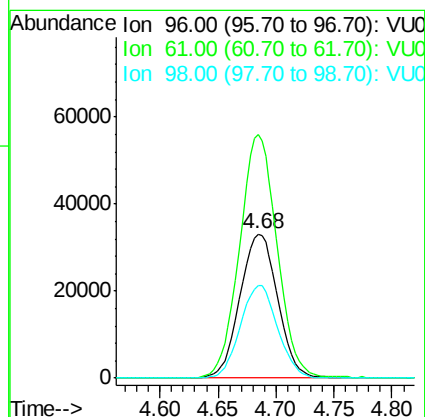
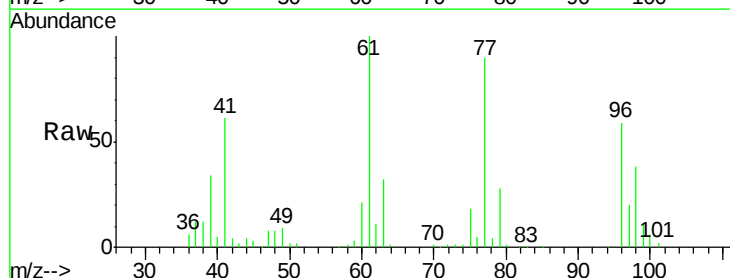
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

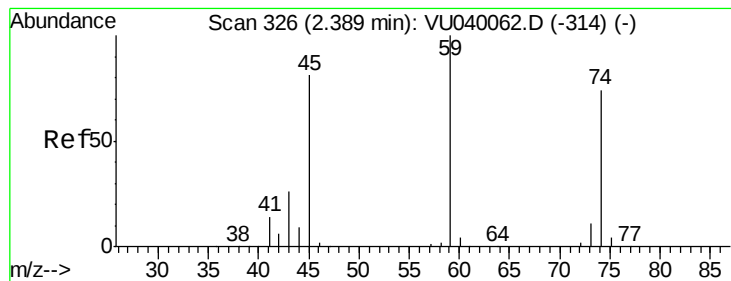
Tgt Ion: 77 Resp: 125970
 Ion Ratio Lower Upper
 77 100
 97 20.5 16.4 24.6



#22
 cis-1,2-Dichloroethene
 Concen: 8.053 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion: 96 Resp: 74985
 Ion Ratio Lower Upper
 96 100
 61 168.0 0.0 420.0
 98 63.5 31.8 95.3





#23

Diethyl Ether

Concen: 7.262 ug/l

RT: 2.39 min Scan# 326

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

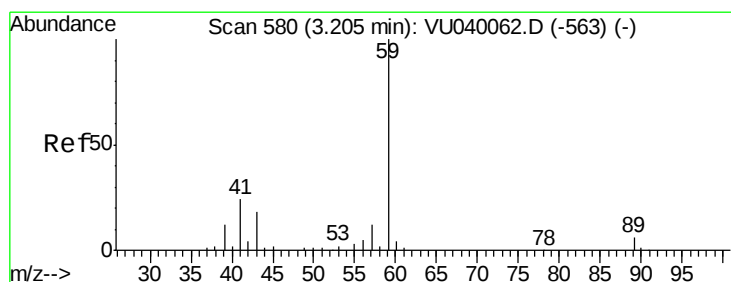
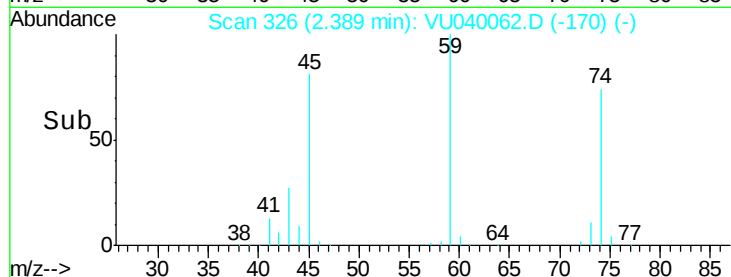
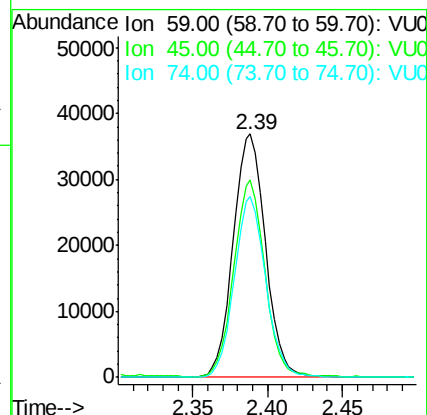
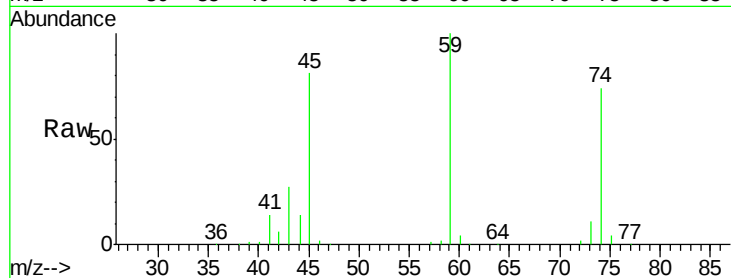
Tgt Ion: 59 Resp: 55673

Ion Ratio Lower Upper

59 100

45 78.0 62.4 93.6

74 72.1 57.7 86.5



#24

tert-Butyl Alcohol

Concen: 51.203 ug/l

RT: 3.21 min Scan# 580

Delta R.T. 0.00 min

Lab File: VU040062.D

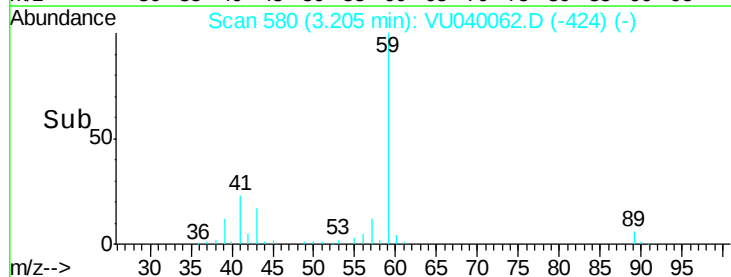
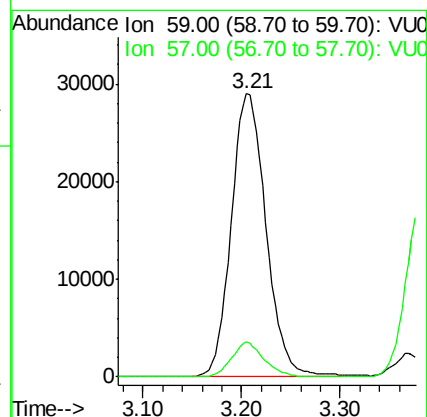
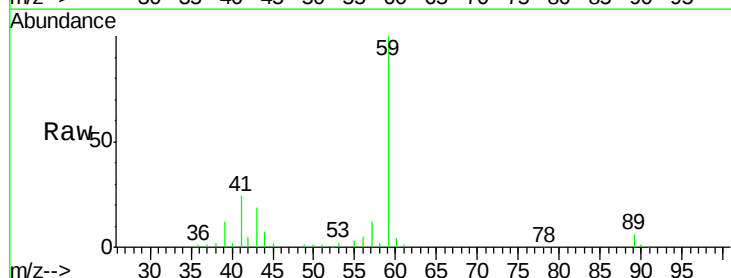
Acq: 09 Sep 2020 12:30

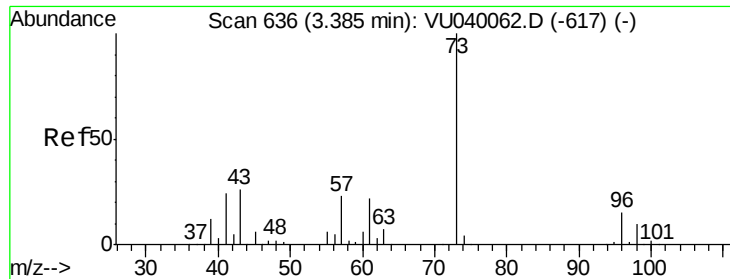
Tgt Ion: 59 Resp: 71320

Ion Ratio Lower Upper

59 100

57 11.3 9.0 13.6

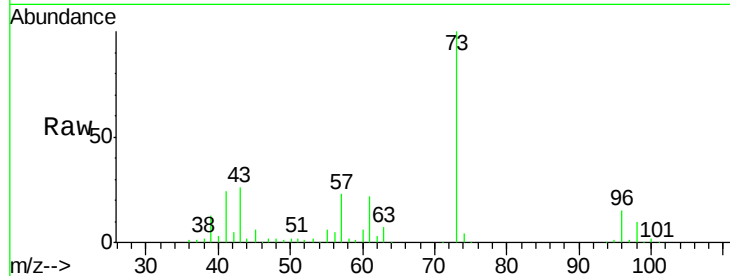




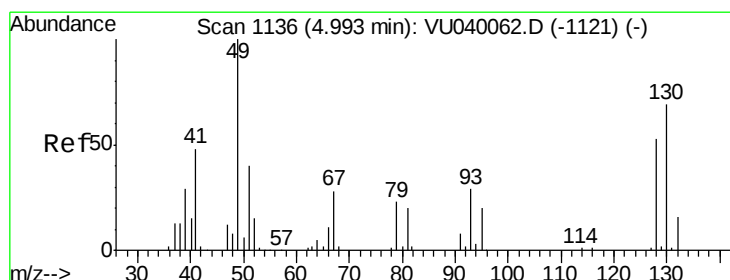
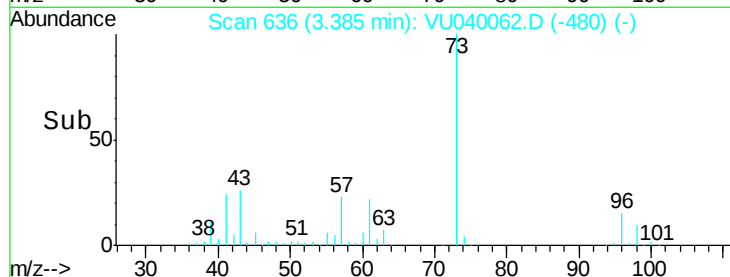
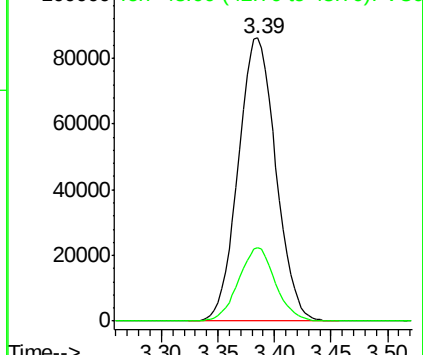
#25
Methyl tert-Butyl Ether
Concen: 8.070 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 199509
Ion Ratio Lower Upper
73 100
43 25.0 20.0 30.0

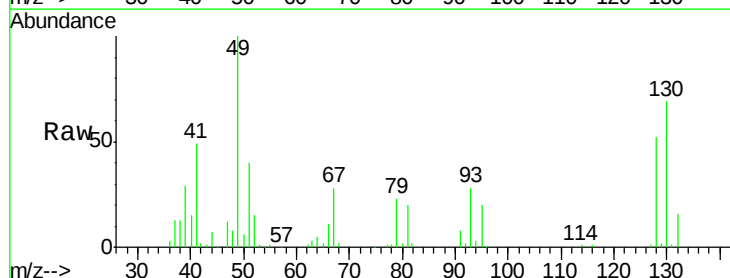


Abundance Ion 73.00 (72.70 to 73.70): VU040062.D (-617) (-)
Ion 43.00 (42.70 to 43.70): VU040062.D (-617) (-)

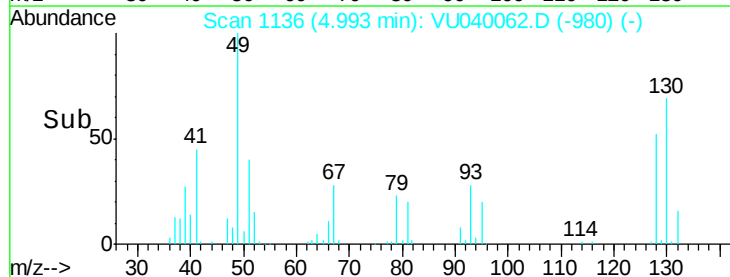
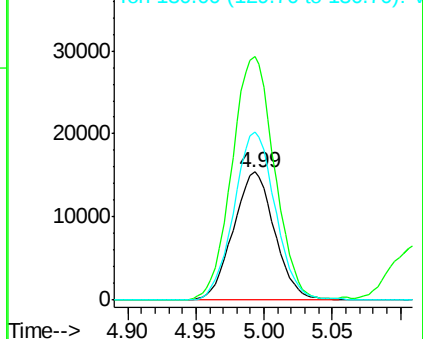


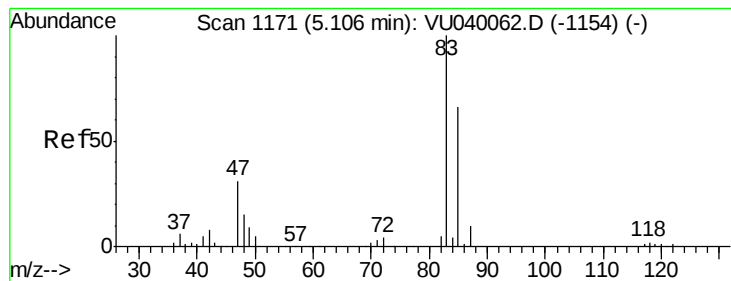
#26
Bromochloromethane
Concen: 8.437 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion: 128 Resp: 32460
Ion Ratio Lower Upper
128 100
49 195.3 0.0 390.6
130 131.1 104.9 157.3



Abundance Ion 128.00 (127.70 to 128.70): VU040062.D (-1121) (-)
Ion 49.00 (48.70 to 49.70): VU040062.D (-1121) (-)
Ion 130.00 (129.70 to 130.70): VU040062.D (-1121) (-)





#27

Chloroform

Concen: 7.893 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

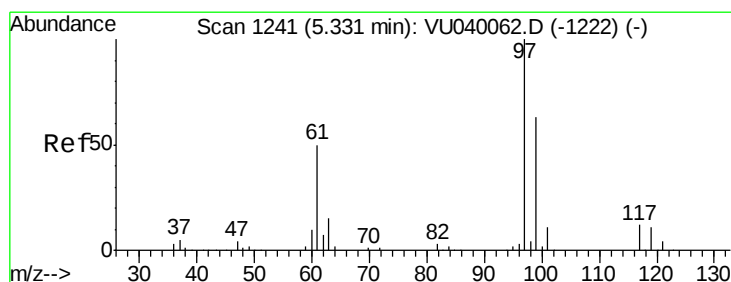
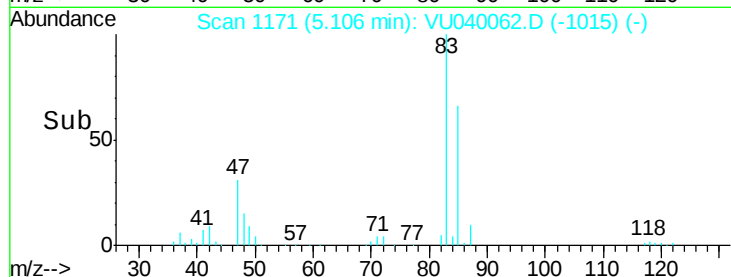
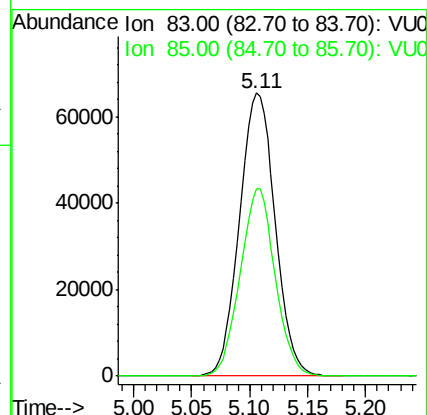
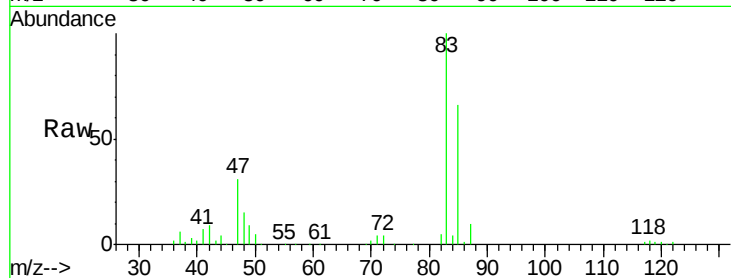
VSTDICCC010

Tgt Ion: 83 Resp: 140147

Ion Ratio Lower Upper

83 100

85 66.2 0.0 132.4



#28

1,1,1-Trichloroethane

Concen: 8.612 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

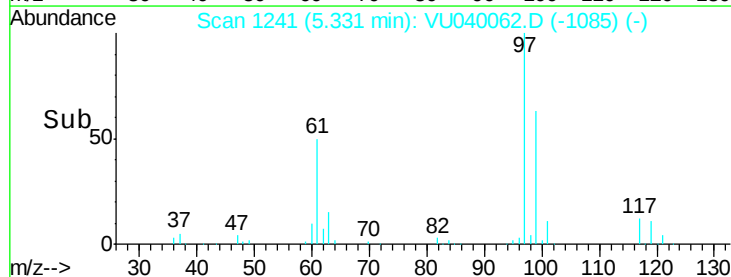
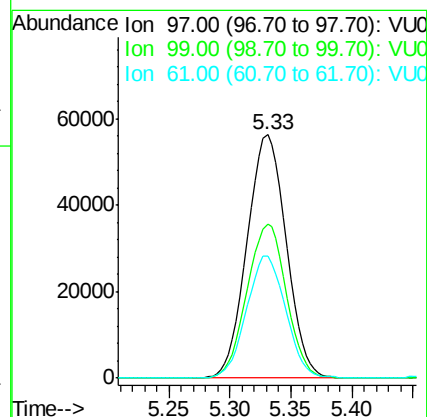
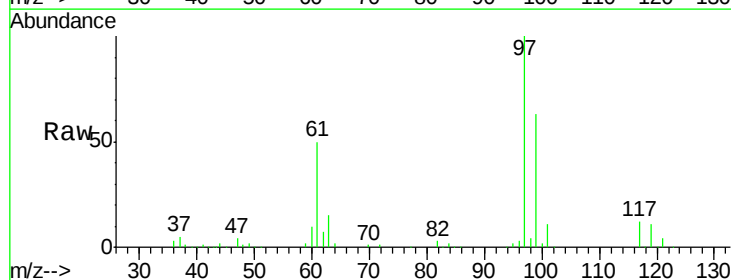
Tgt Ion: 97 Resp: 125142

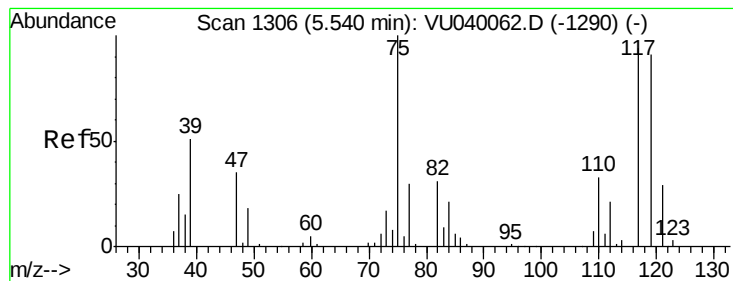
Ion Ratio Lower Upper

97 100

99 63.6 31.8 95.4

61 50.1 25.1 75.2





#29

1,1-Dichloropropene

Concen: 7.717 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

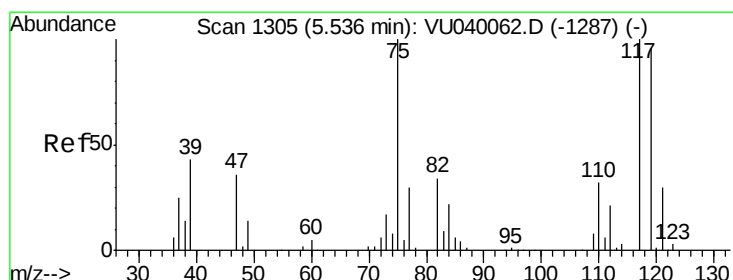
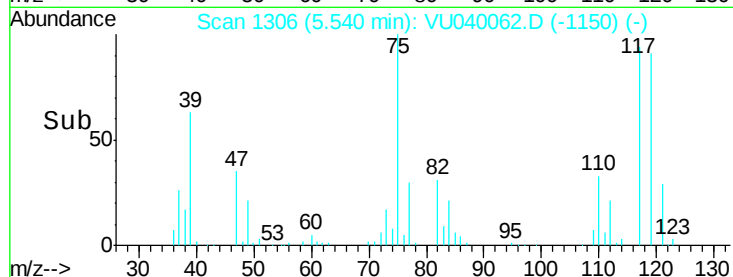
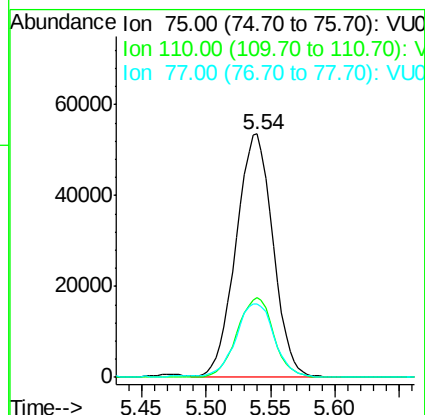
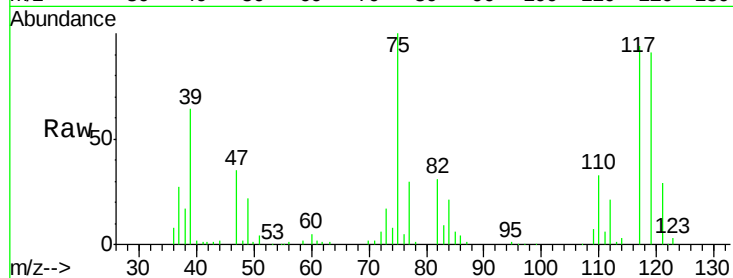
Tgt Ion: 75 Resp: 106298

Ion Ratio Lower Upper

75 100

110 32.4 16.2 48.6

77 31.6 25.3 37.9



#30

Carbon Tetrachloride

Concen: 9.523 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

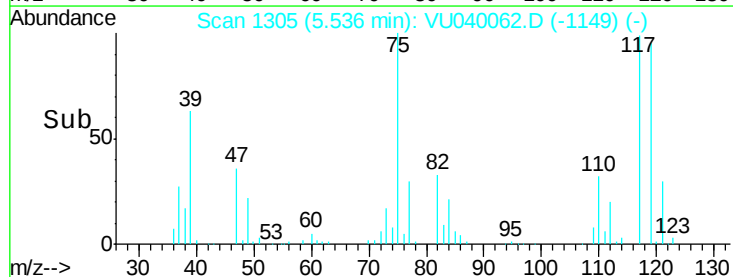
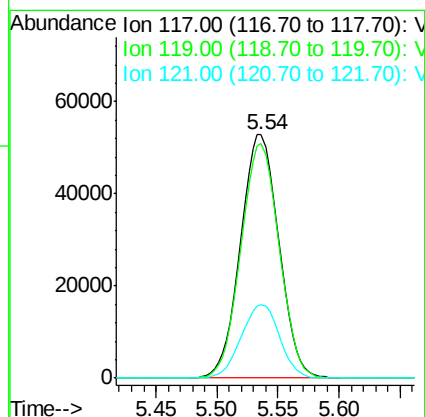
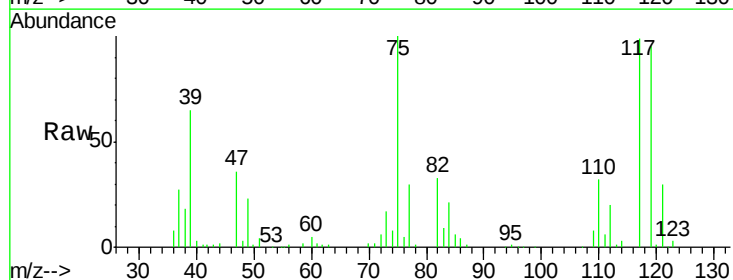
Tgt Ion: 117 Resp: 114978

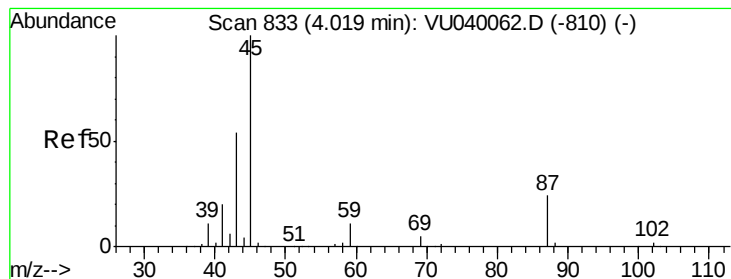
Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

121 30.3 24.2 36.4





#31

Isopropyl Ether

Concen: 7.130 ug/l

RT: 4.02 min Scan# 833

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

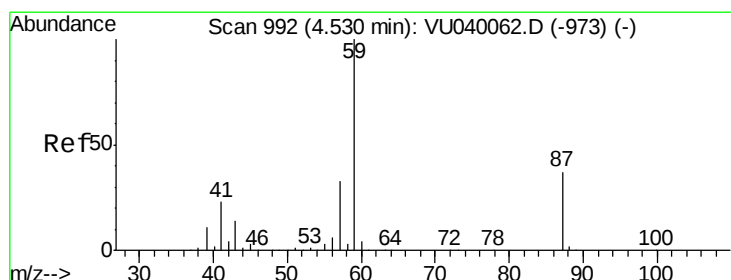
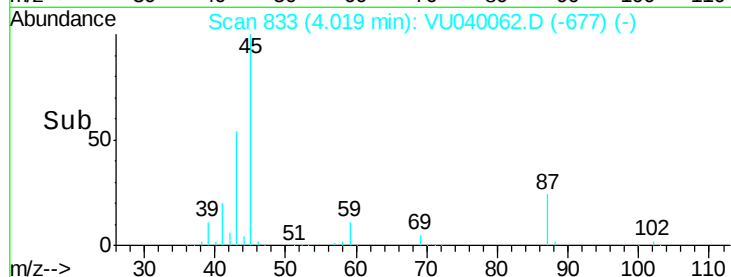
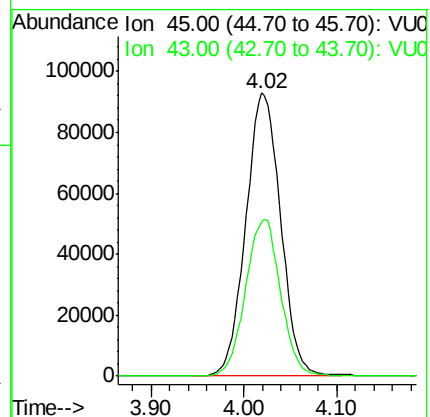
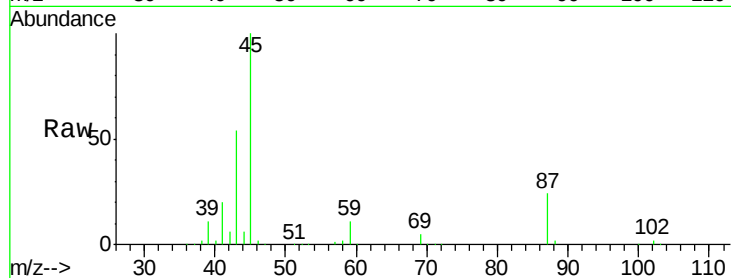
VSTDICCC010

Tgt Ion: 45 Resp: 242393

Ion Ratio Lower Upper

45 100

43 55.8 27.9 83.7



#32

Ethyl-t-butyl ether

Concen: 7.657 ug/l

RT: 4.53 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU040062.D

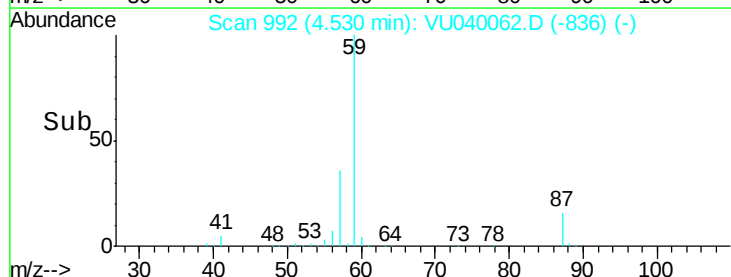
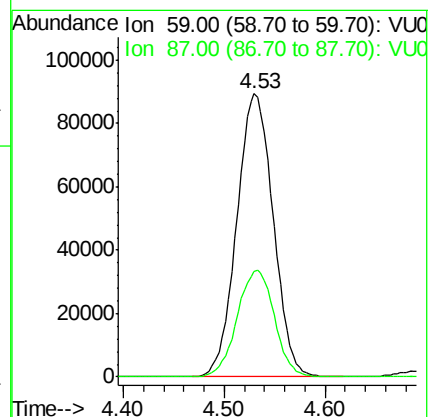
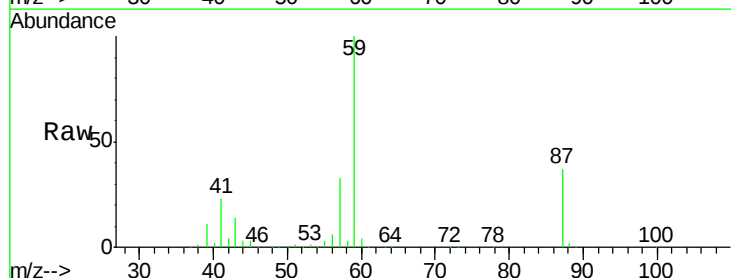
Acq: 09 Sep 2020 12:30

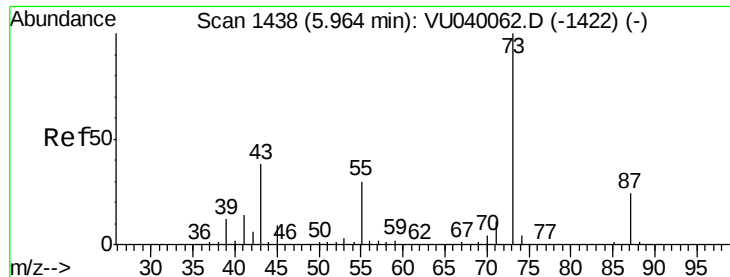
Tgt Ion: 59 Resp: 223608

Ion Ratio Lower Upper

59 100

87 38.4 30.7 46.1

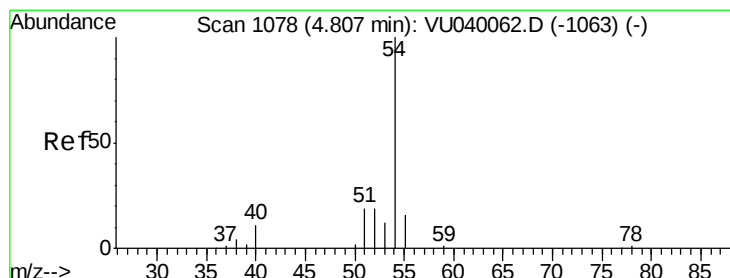
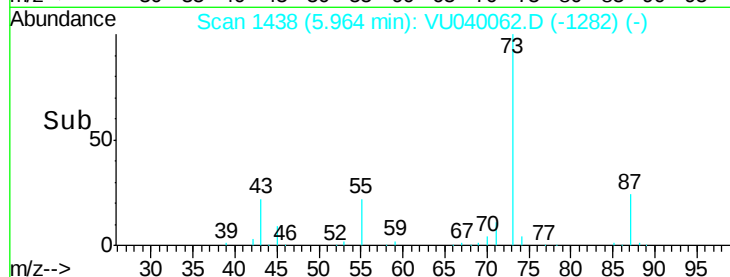
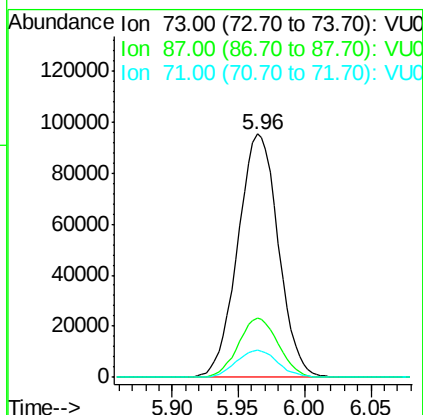
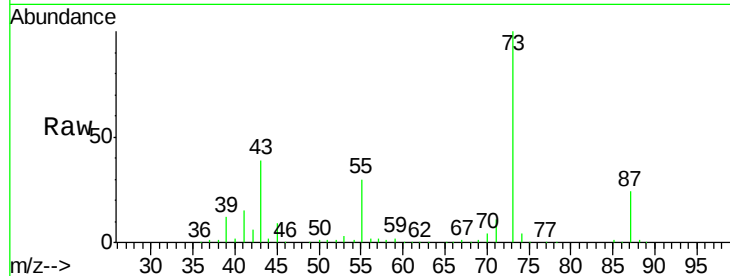




#33
Tert-Amyl methyl ether
Concen: 9.303 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

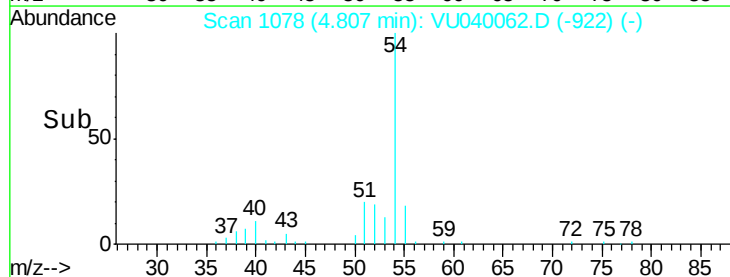
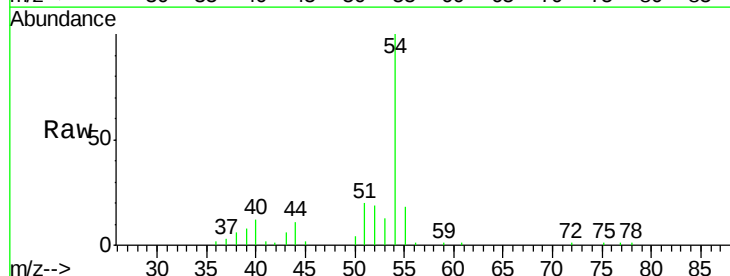
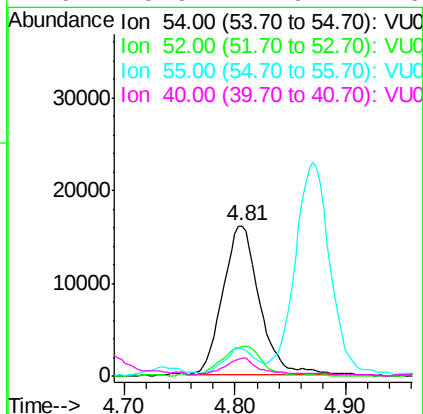
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

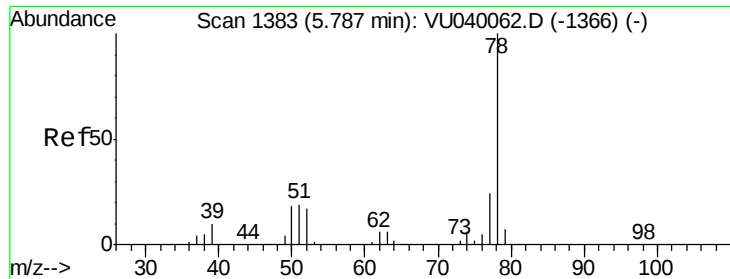
Tgt Ion: 73 Resp: 201343
Ion Ratio Lower Upper
73 100
87 24.2 19.4 29.0
71 11.5 9.2 13.8



#34
Propionitrile
Concen: 35.794 ug/l
RT: 4.81 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion: 54 Resp: 36682
Ion Ratio Lower Upper
54 100
52 20.3 16.2 24.4
55 15.7 12.6 18.8
40 9.9 7.9 11.9





#35

Benzene

Concen: 8.686 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

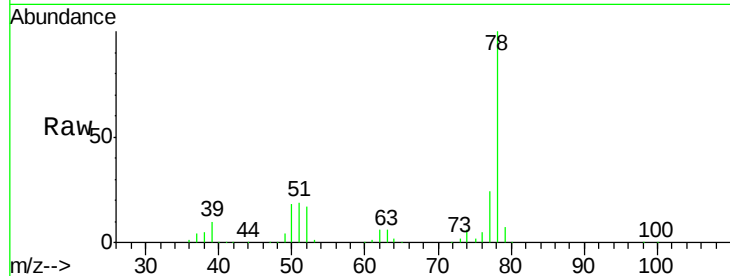
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 301402

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



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

Ion 77.00 (76.70 to 77.70): VU040062.D (-1366) (-)

5.79

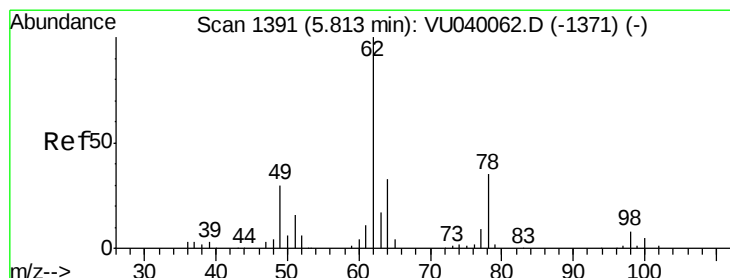
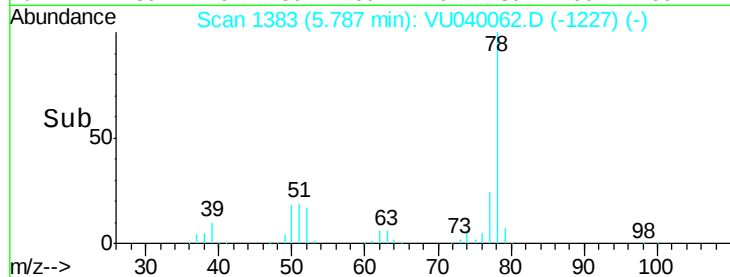
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 8.855 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040062.D

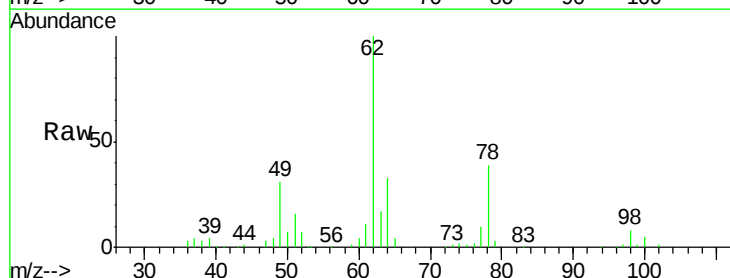
Acq: 09 Sep 2020 12:30

Tgt Ion: 62 Resp: 115530

Ion Ratio Lower Upper

62 100

98 8.1 6.5 9.7



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

Ion 98.00 (97.70 to 98.70): VU040062.D (-1371) (-)

5.81

60000

50000

40000

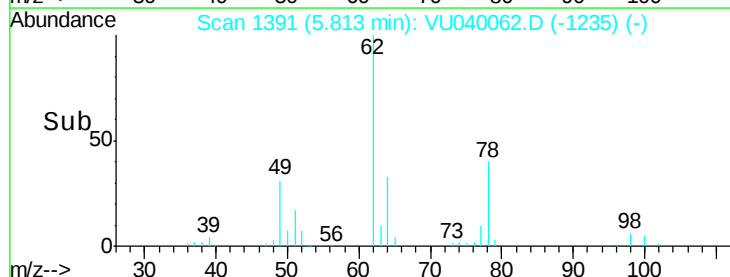
30000

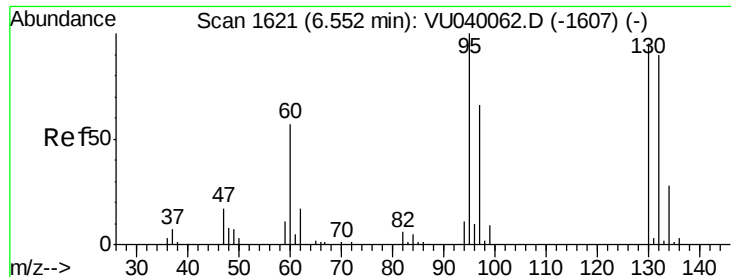
20000

10000

0

Time-->

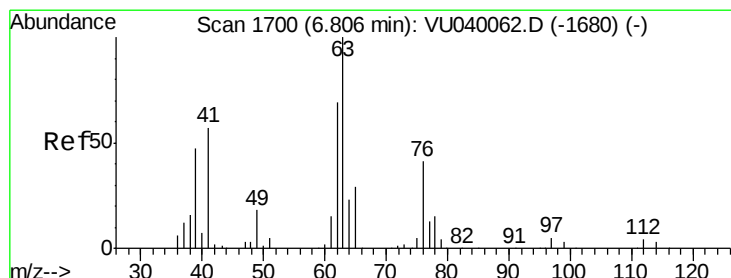
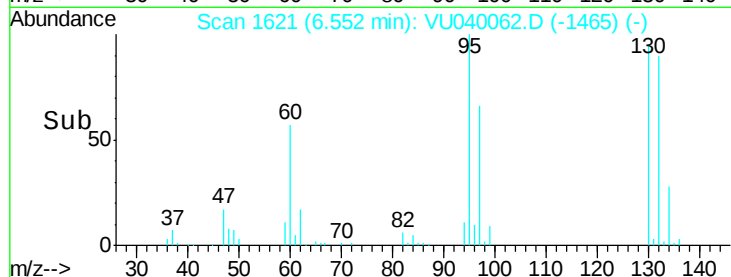
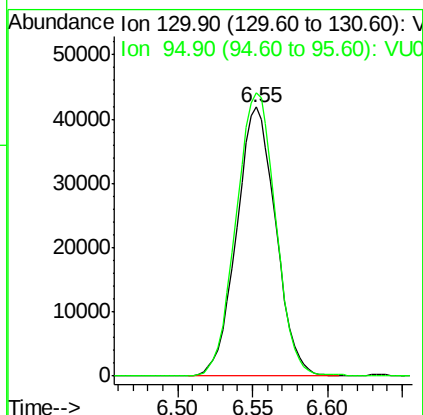
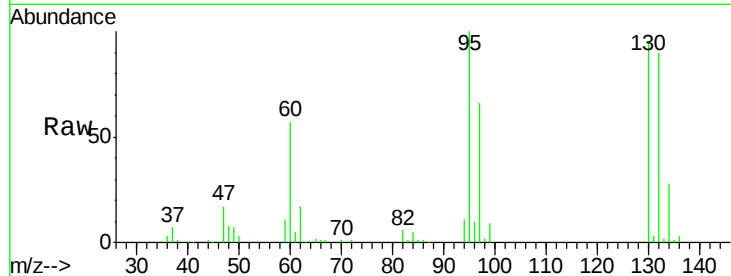




#37
 Trichloroethene
 Concen: 9.506 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

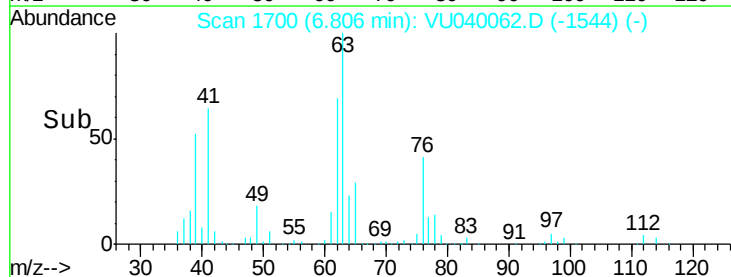
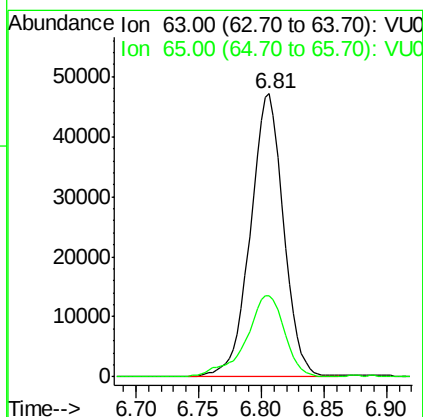
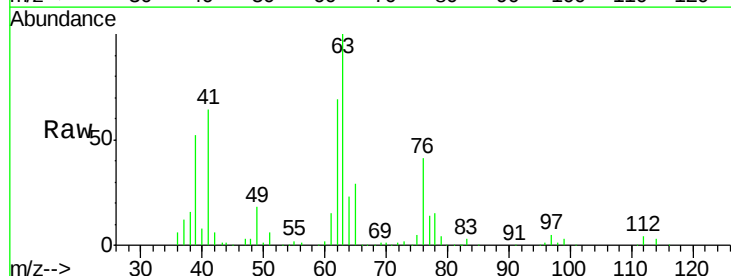
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

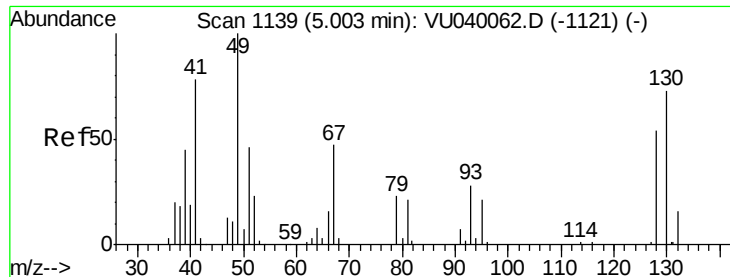
Tgt Ion: 130 Resp: 76289
 Ion Ratio Lower Upper
 130 100
 95 105.2 84.2 126.2



#38
 1,2-Dichloropropane
 Concen: 9.094 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion: 63 Resp: 86763
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.0 34.6

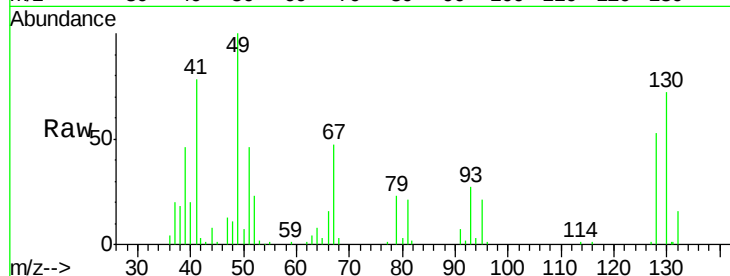




#39
Methacrylonitrile
Concen: 6.605 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:	41	Resp:	35957
Ion	Ratio	Lower	Upper
41	100		
67	61.5	49.2	73.8
39	58.1	46.5	69.7
52	31.9	25.5	38.3



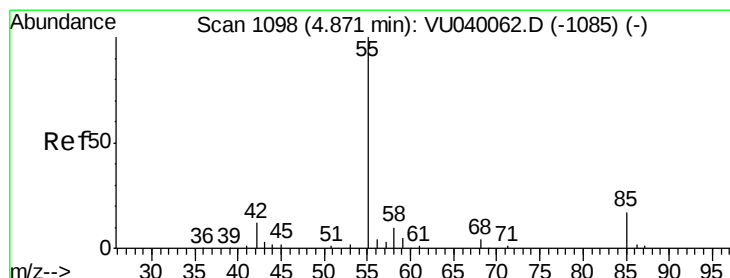
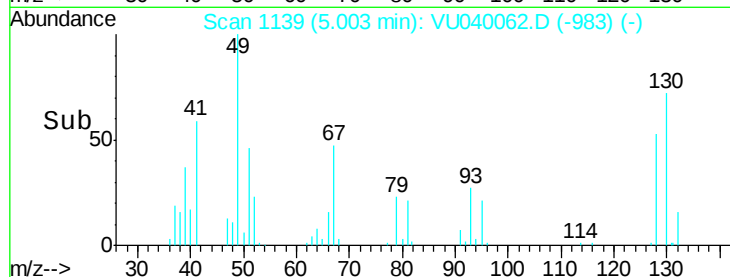
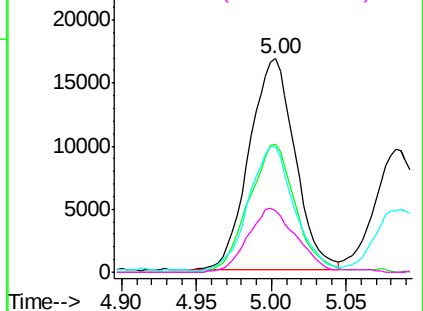
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

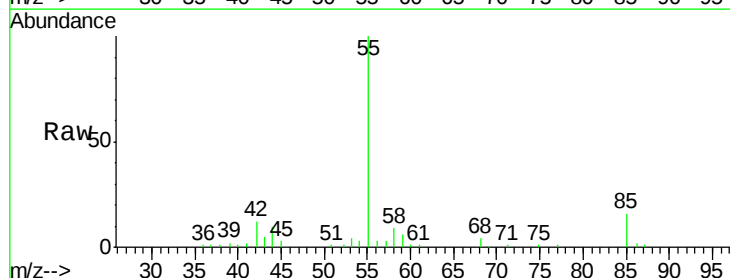
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 7.050 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion:	55	Resp:	49070
Ion	Ratio	Lower	Upper
55	100		
85	16.6	13.3	19.9
58	9.4	7.5	11.3
42	11.1	8.9	13.3



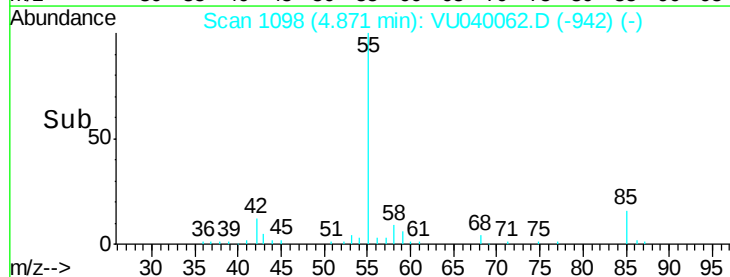
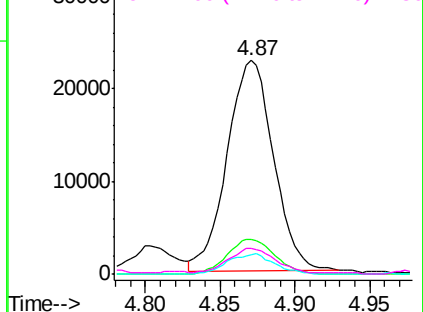
Abundance

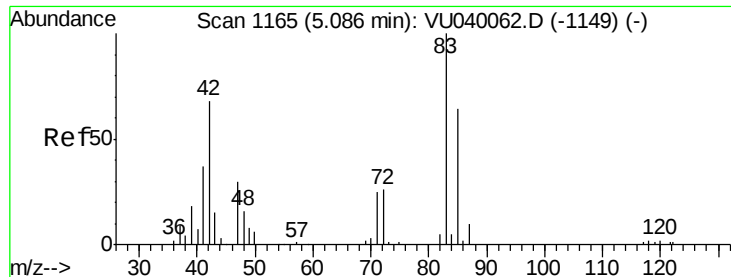
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 12.422 ug/l

RT: 5.09 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

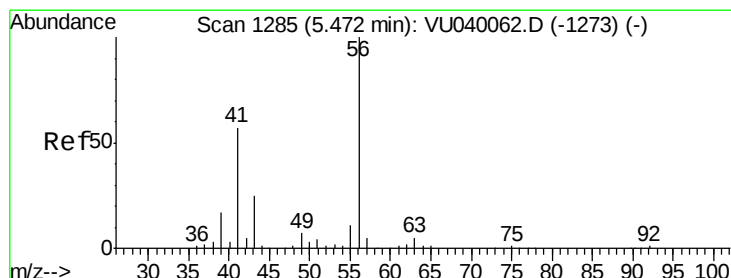
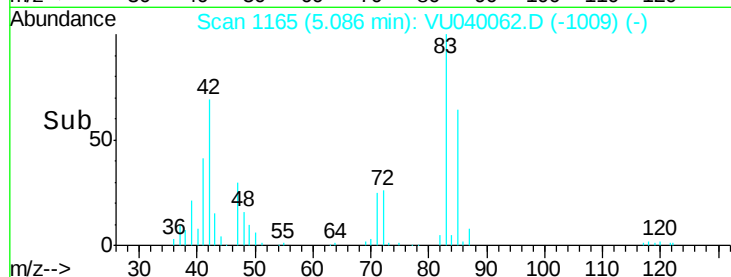
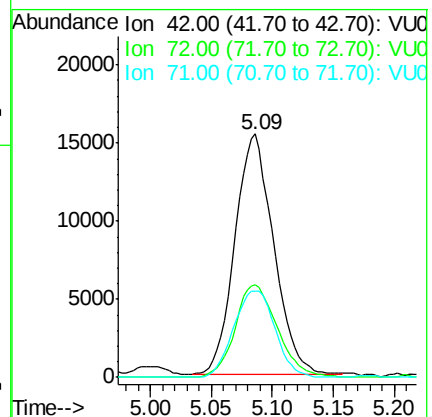
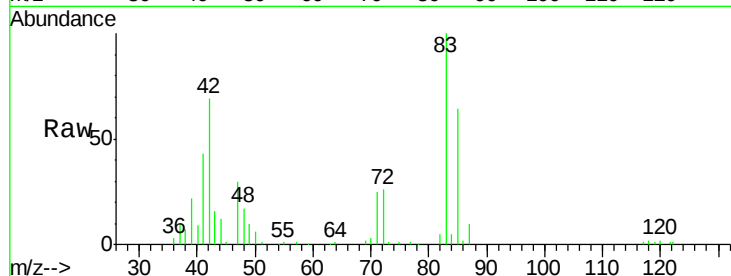
Tgt Ion: 42 Resp: 33709

Ion Ratio Lower Upper

42 100

72 42.2 33.8 50.6

71 38.6 30.9 46.3



#42

1-Chlorobutane

Concen: 7.442 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU040062.D

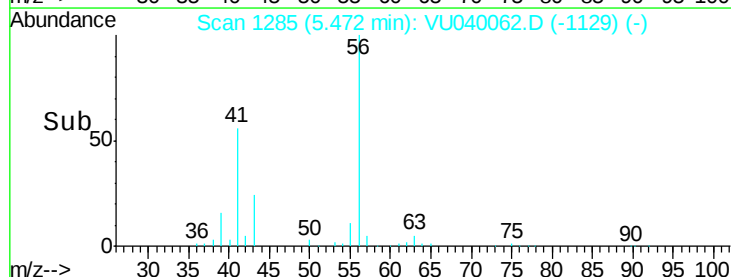
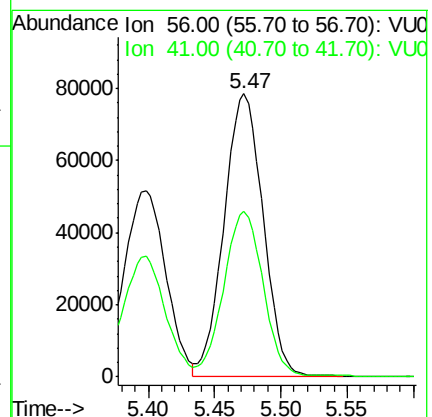
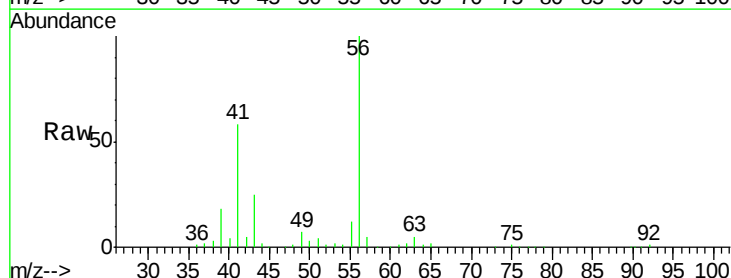
Acq: 09 Sep 2020 12:30

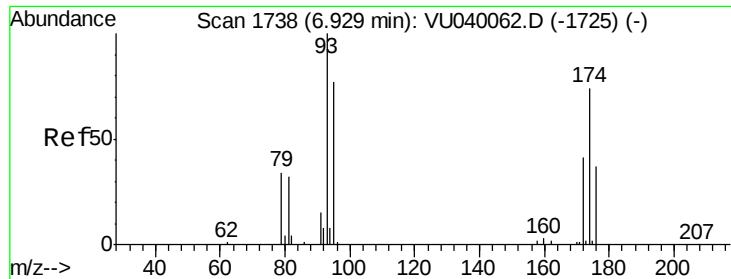
Tgt Ion: 56 Resp: 159866

Ion Ratio Lower Upper

56 100

41 58.4 29.2 87.6

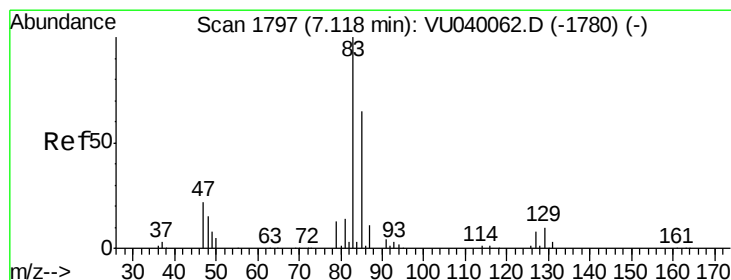
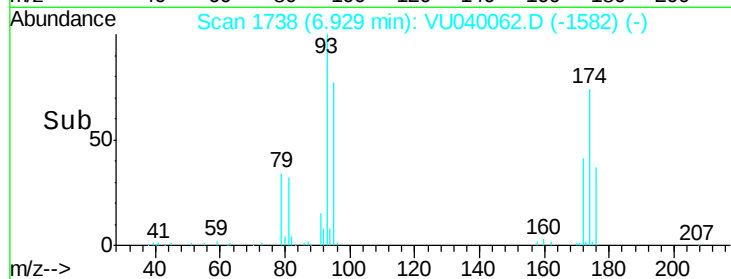
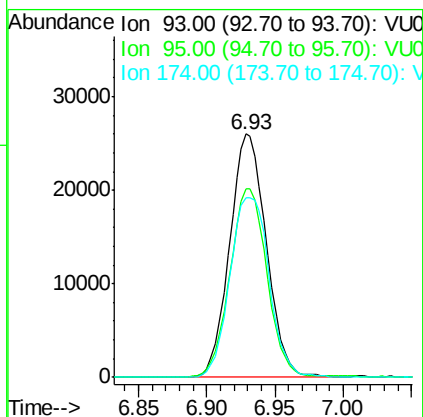
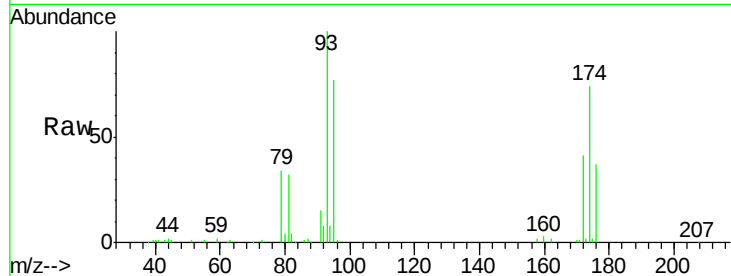




#43
Dibromomethane
Concen: 9.300 ug/l
RT: 6.93 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

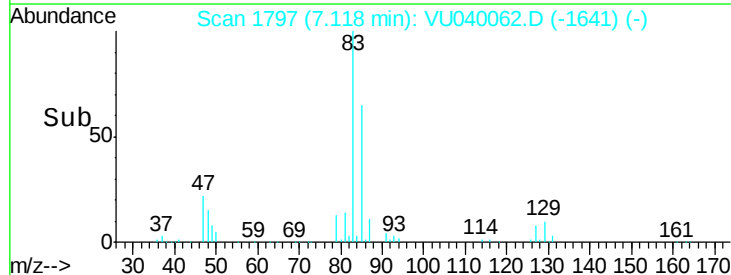
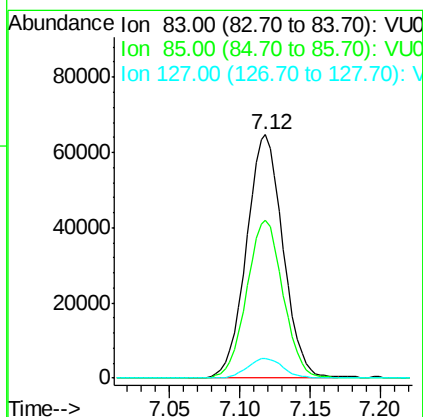
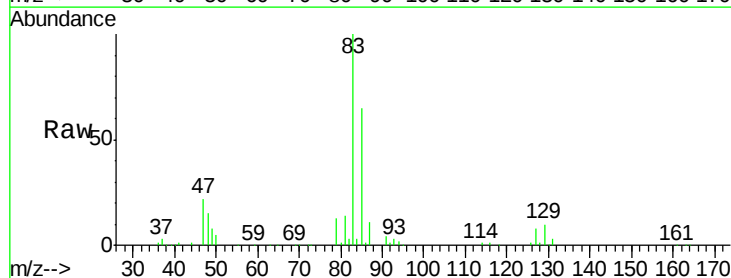
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

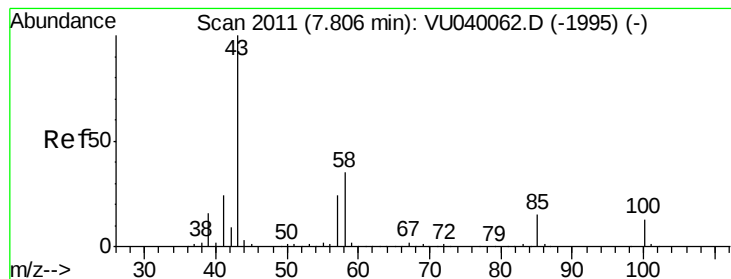
Tgt Ion: 93 Resp: 48438
Ion Ratio Lower Upper
93 100
95 79.1 63.3 94.9
174 79.4 63.5 95.3



#44
Bromodichloromethane
Concen: 9.825 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion: 83 Resp: 117138
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.2 6.6 9.8





#45

4-Methyl-2-Pentanone

Concen: 45.746 ug/l

RT: 7.81 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

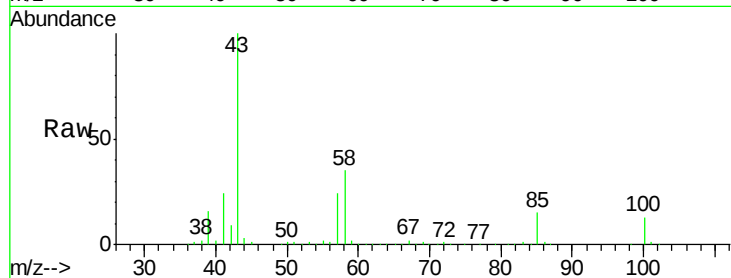
Tgt Ion: 43 Resp: 354913

Ion Ratio Lower Upper

43 100

58 36.2 18.1 54.3

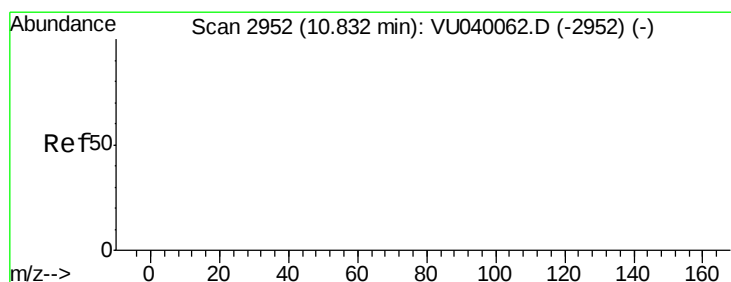
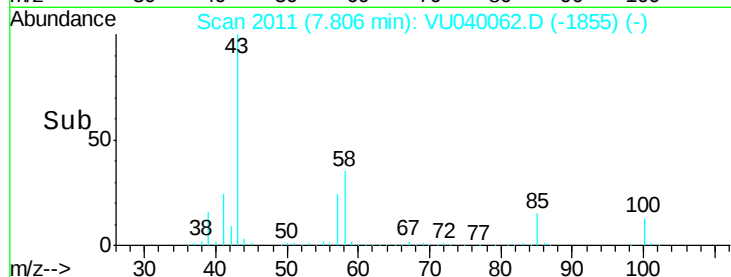
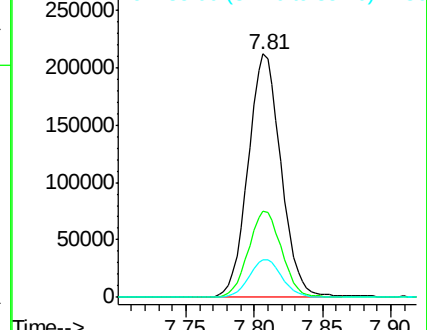
85 15.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VU040062.D (-1995) (-)

Ion 58.00 (57.70 to 58.70): VU040062.D (-1995) (-)

Ion 85.00 (84.70 to 85.70): VU040062.D (-1995) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 49.313 ug/l

RT: 10.83 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Tgt Ion: 75 Resp: 121290

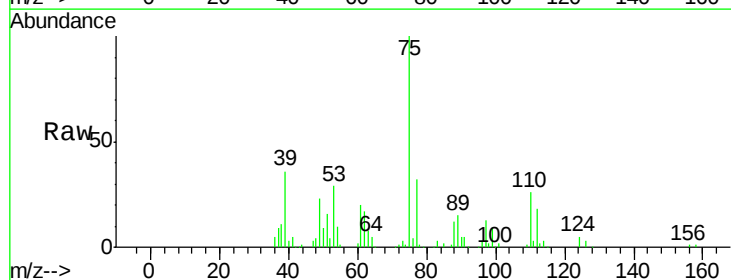
Ion Ratio Lower Upper

75 100

53 42.6 75.0 112.6#

89 23.6 41.6 62.4#

88 20.8 36.6 54.8#

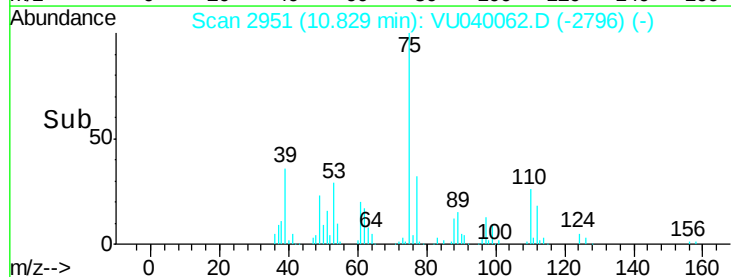
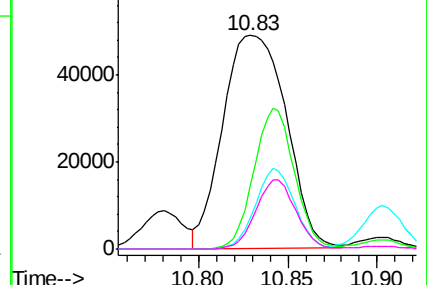


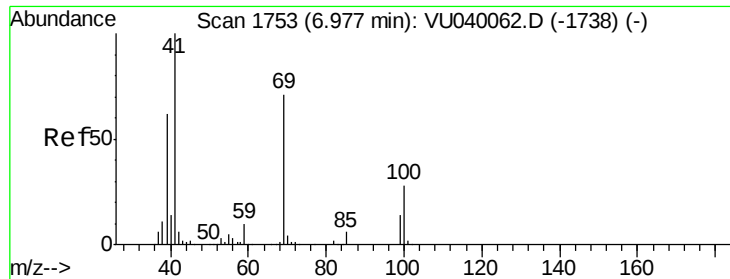
Abundance Ion 74.90 (74.60 to 75.60): VU040062.D (-2952) (-)

Ion 53.00 (52.70 to 53.70): VU040062.D (-2952) (-)

Ion 88.80 (88.50 to 89.50): VU040062.D (-2952) (-)

Ion 87.80 (87.50 to 88.50): VU040062.D (-2952) (-)

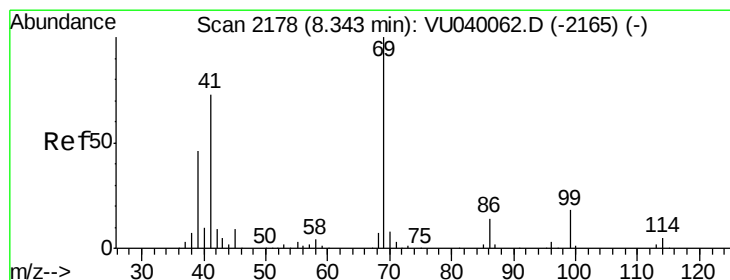
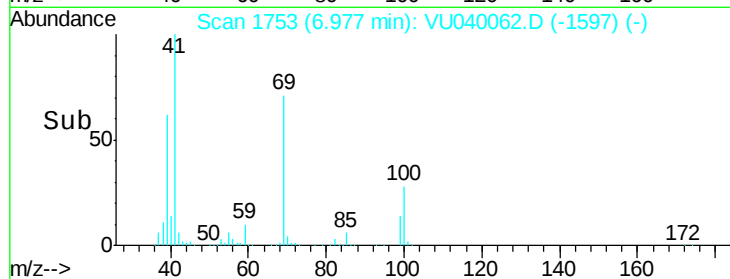
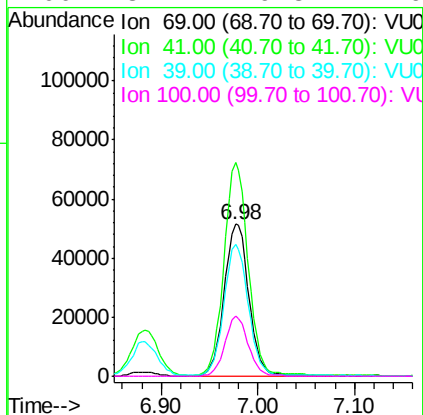
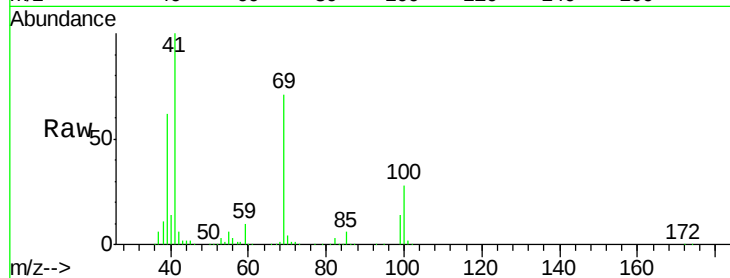




#47
Methyl methacrylate
Concen: 19.096 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

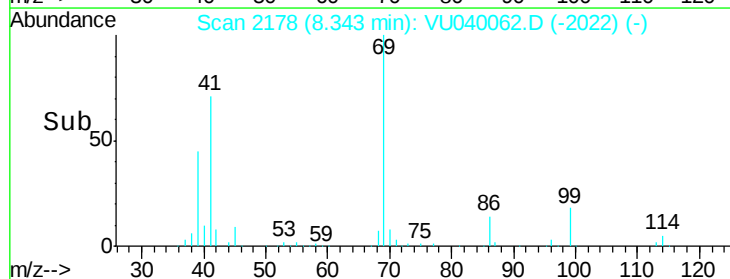
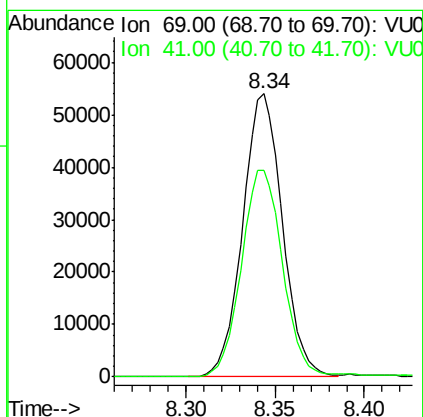
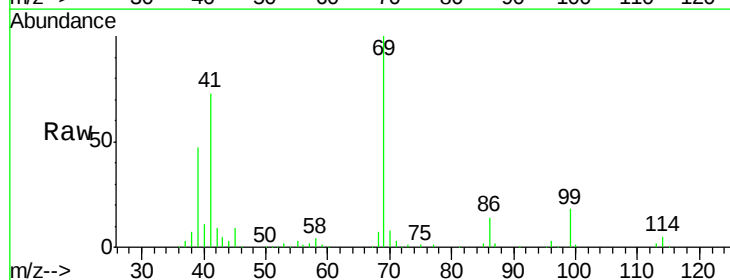
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

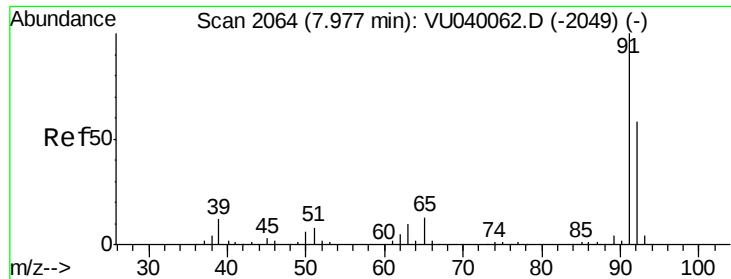
Tgt Ion: 69 Resp: 91407
Ion Ratio Lower Upper
69 100
41 136.5 0.0 273.0
39 84.7 67.8 101.6
100 37.2 29.8 44.6



#48
Ethyl methacrylate
Concen: 9.530 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion: 69 Resp: 83951
Ion Ratio Lower Upper
69 100
41 75.5 37.8 113.3





#49

Toluene

Concen: 9.029 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

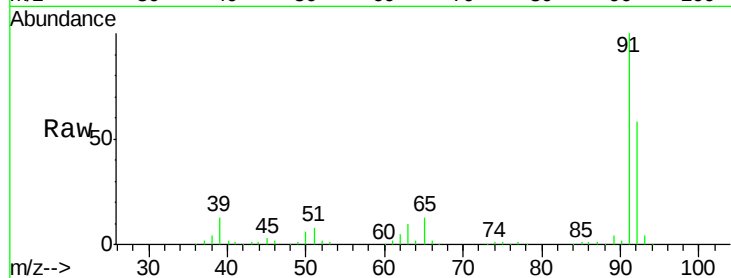
VSTDICCC010

Tgt Ion: 92 Resp: 185166

Ion Ratio Lower Upper

92 100

91 173.2 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VU040062.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU040062.D (-2049) (-)

200000

150000

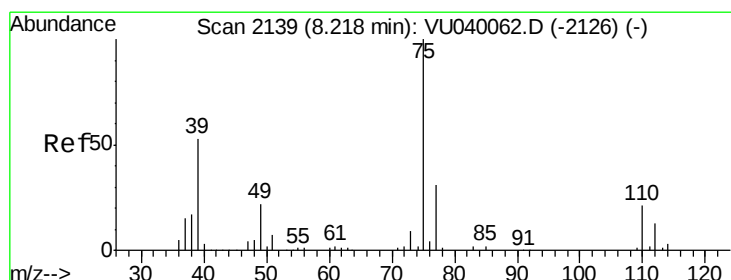
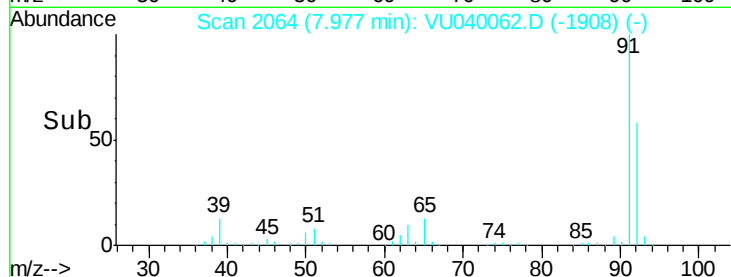
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#50

t-1,3-Dichloropropene

Concen: 10.526 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU040062.D

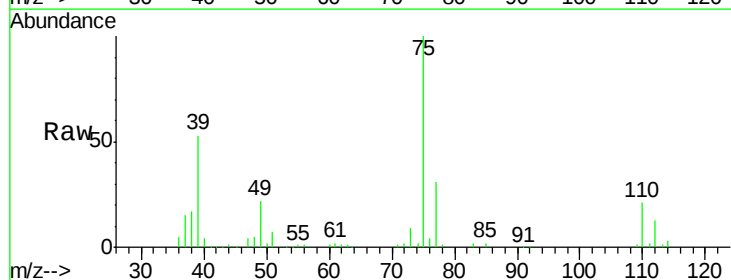
Acq: 09 Sep 2020 12:30

Tgt Ion: 75 Resp: 112999

Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VU040062.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-2126) (-)

80000

60000

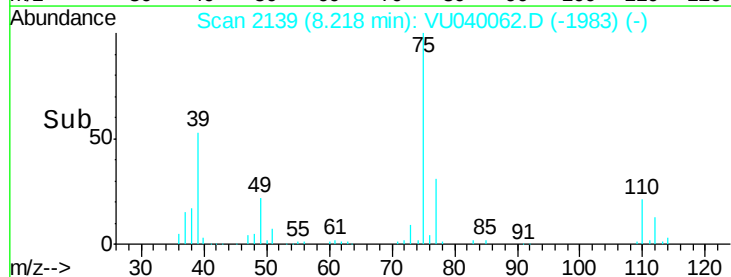
40000

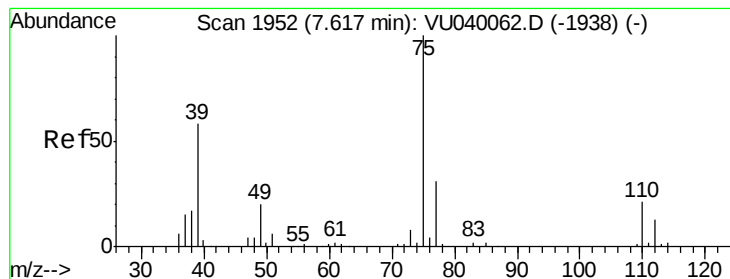
20000

0

8.15 8.20 8.25 8.30

Time-->



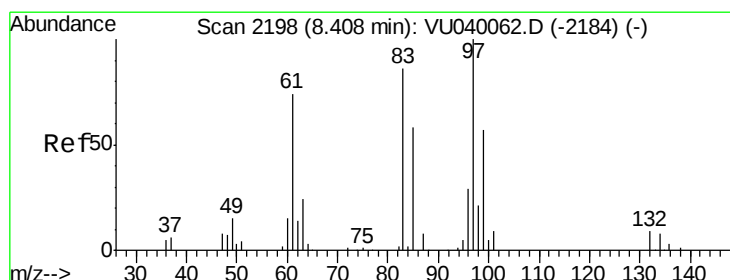
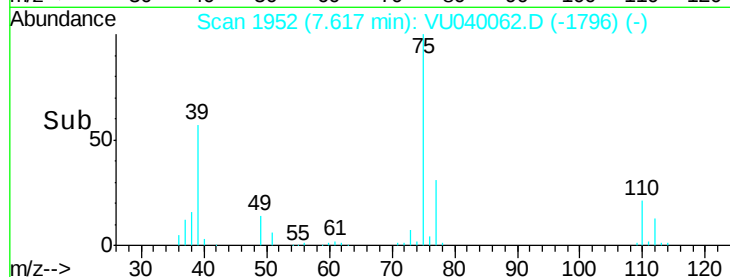
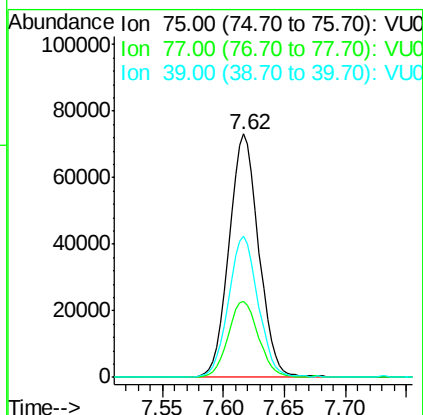
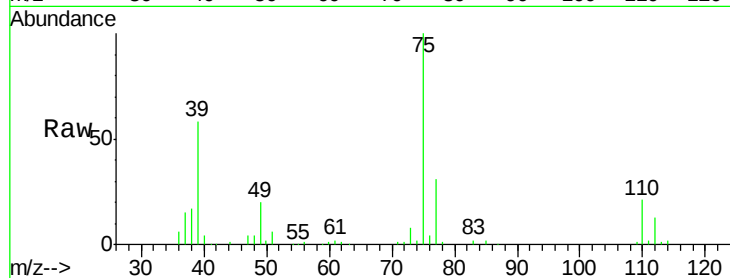


#51

cis-1,3-Dichloropropene
 Concen: 9.910 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

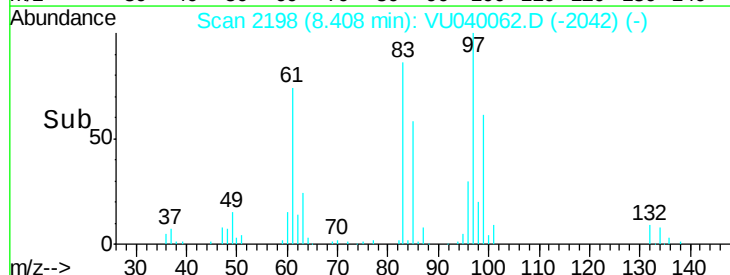
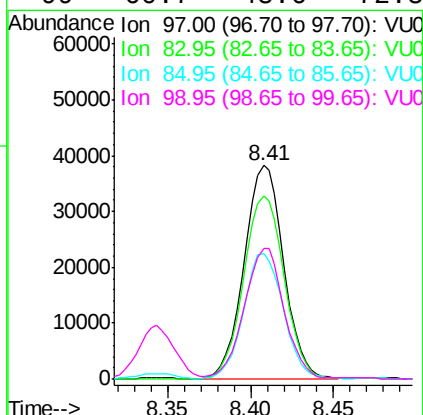
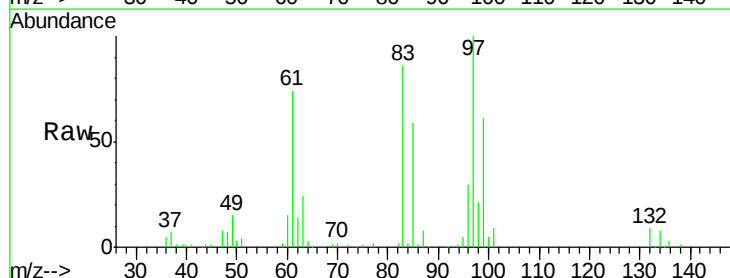
Tgt Ion:	75	Resp:	124526
Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	37.0
39	57.8	46.2	69.4

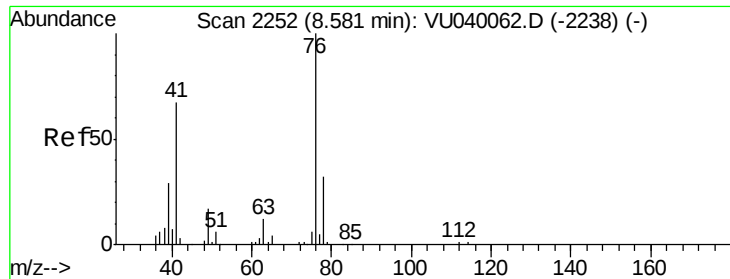


#52

1,1,2-Trichloroethane
 Concen: 9.411 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion:	97	Resp:	63521
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.7	103.1
85	58.4	46.7	70.1
99	60.7	48.6	72.8





#53

1,3-Dichloropropane

Concen: 9.003 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

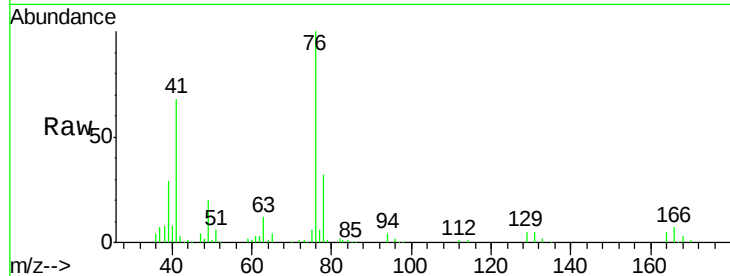
VSTDICCC010

Tgt Ion: 76 Resp: 115691

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



Abundance Ion 76.00 (75.70 to 76.70): VU040062.D (-2238) (-)

Ion 78.00 (77.70 to 78.70): VU040062.D (-2238) (-)

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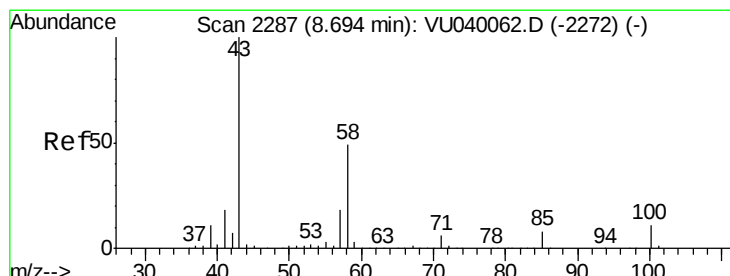
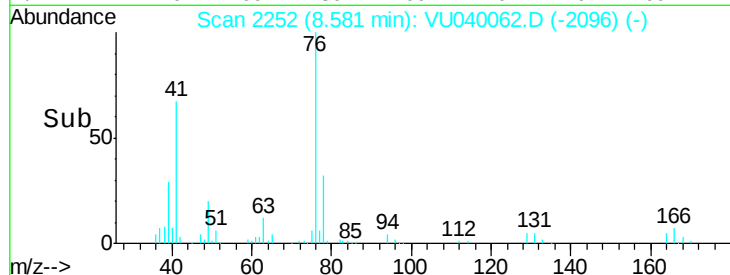
8.58

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#54

2-Hexanone

Concen: 46.136 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

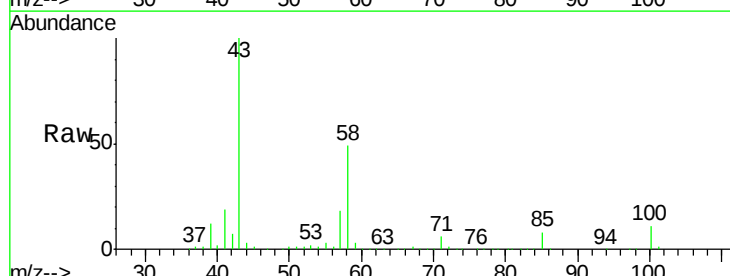
Tgt Ion: 43 Resp: 256429

Ion Ratio Lower Upper

43 100

58 49.6 29.6 69.6

57 17.8 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU040062.D (-2272) (-)

Ion 58.00 (57.70 to 58.70): VU040062.D (-2272) (-)

Ion 57.00 (56.70 to 57.70): VU040062.D (-2272) (-)

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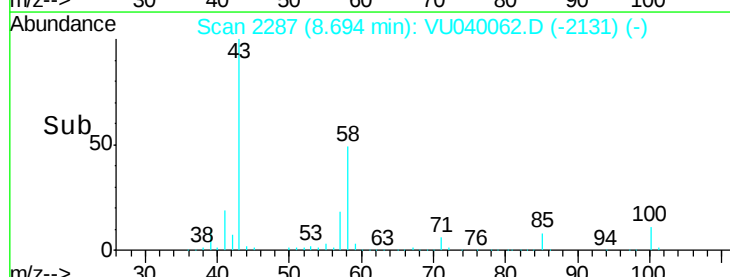
8.69

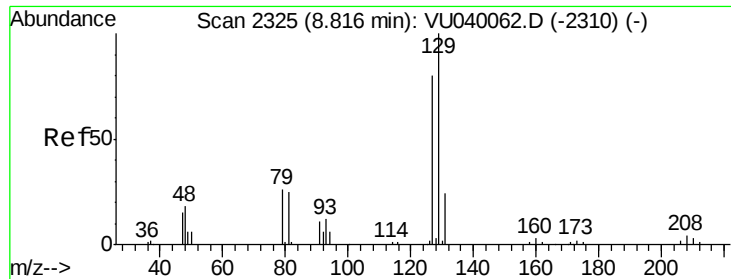
8.69

8.69

8.69

8.69





#55

Dibromochloromethane

Concen: 10.377 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

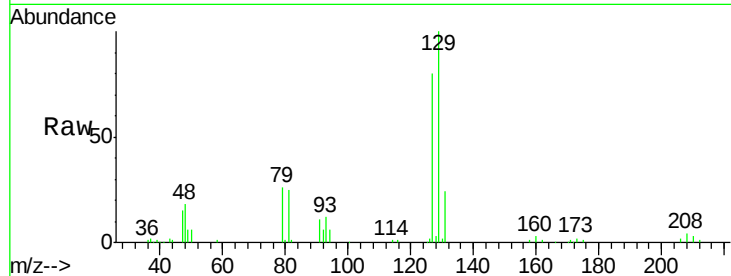
VSTDICCC010

Tgt Ion:129 Resp: 75804

Ion Ratio Lower Upper

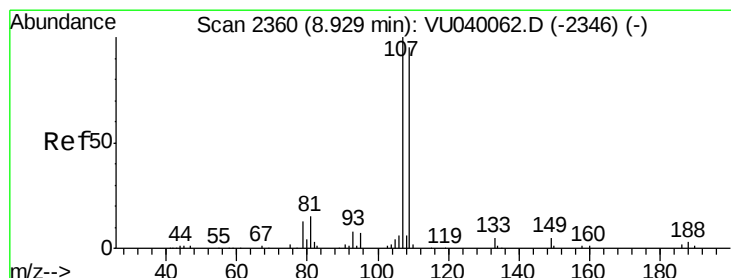
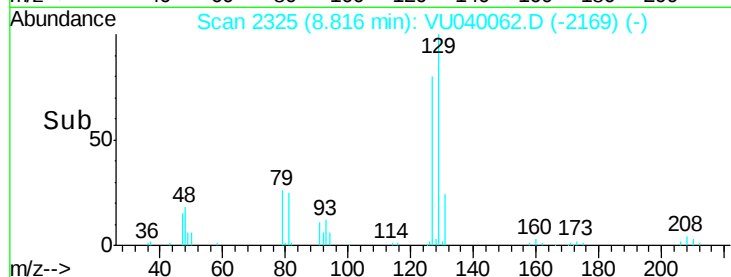
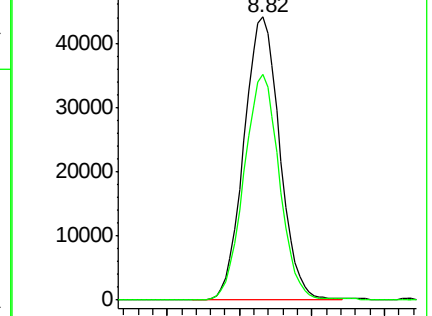
129 100

127 78.4 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: 9.213 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. 0.00 min

Lab File: VU040062.D

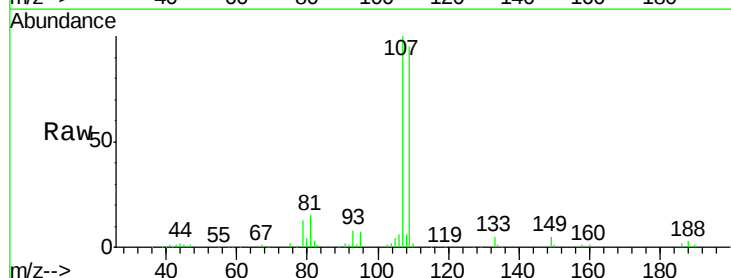
Acq: 09 Sep 2020 12:30

Tgt Ion:107 Resp: 59350

Ion Ratio Lower Upper

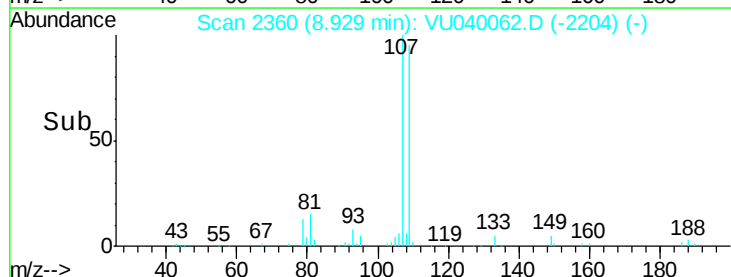
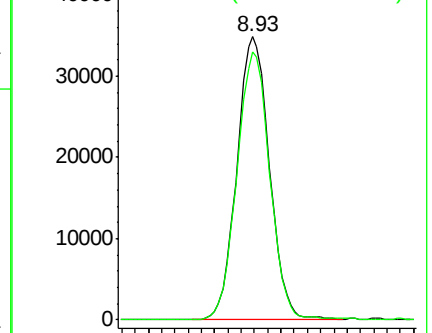
107 100

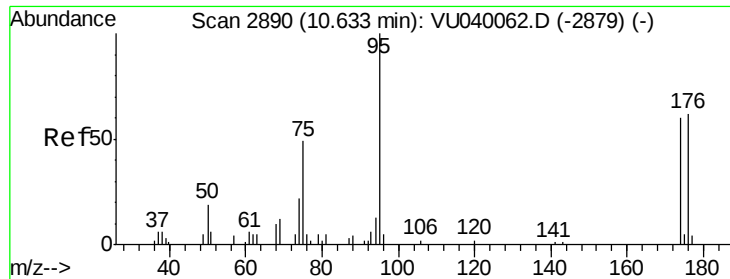
109 95.5 0.0 191.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

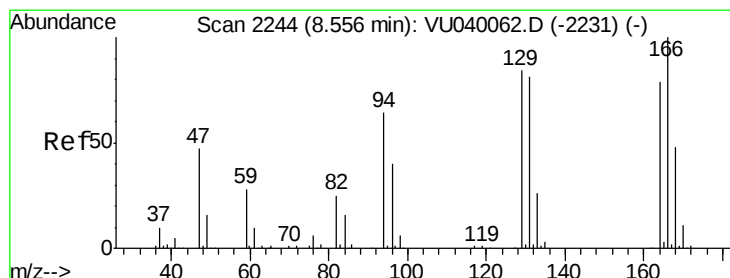
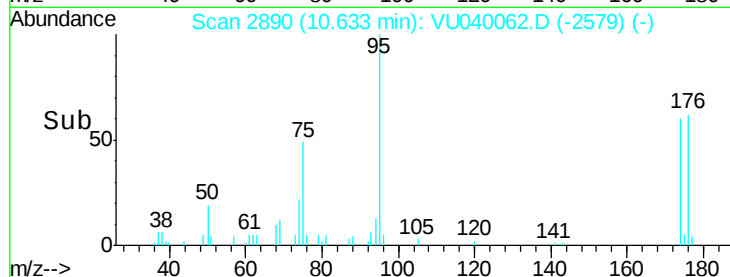
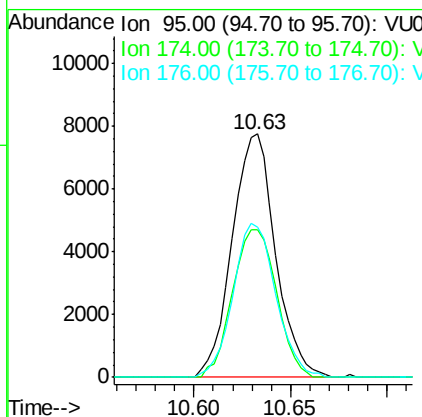
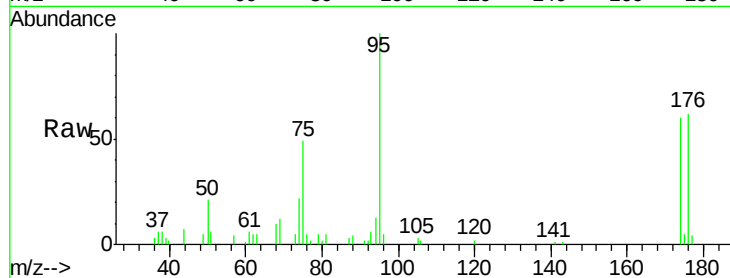




#57
4-Bromofluorobenzene
Concen: 1.085 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

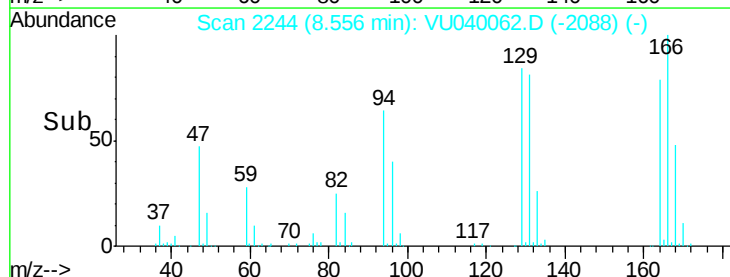
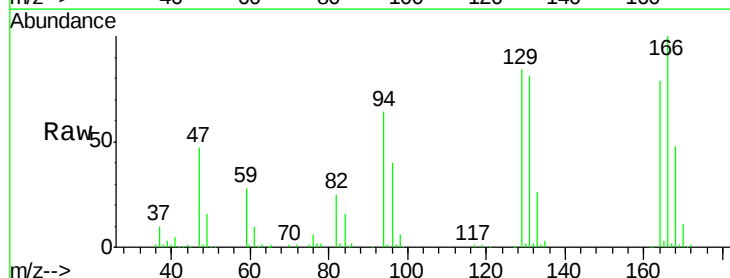
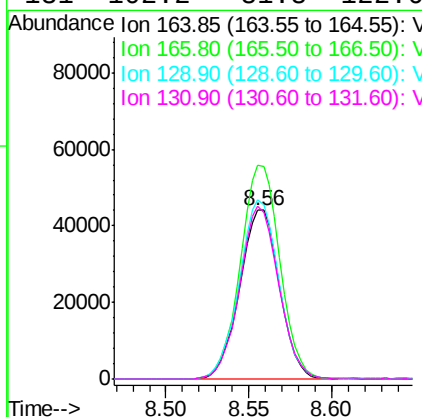
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

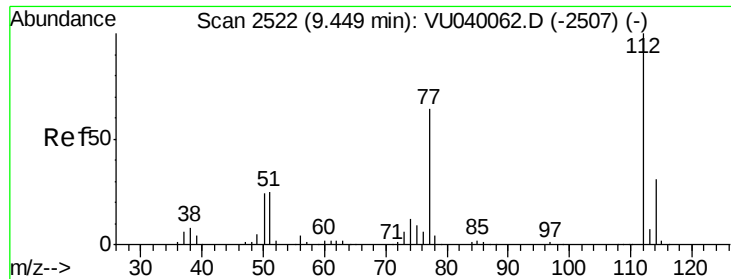
Tgt Ion: 95 Resp: 12070
Ion Ratio Lower Upper
95 100
174 61.7 49.4 74.0
176 62.6 50.1 75.1



#58
Tetrachloroethene
Concen: 10.308 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion: 164 Resp: 73750
Ion Ratio Lower Upper
164 100
166 126.6 101.3 151.9
129 106.0 84.8 127.2
131 102.2 81.8 122.6





#59

Chlorobenzene

Concen: 9.590 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

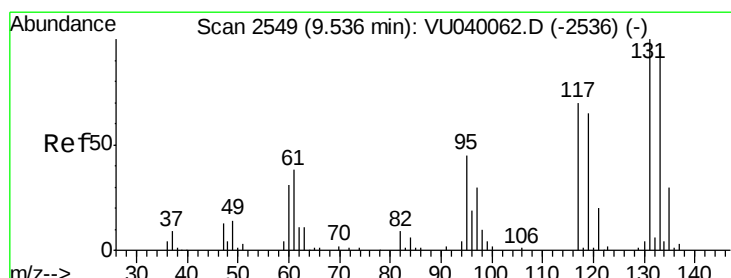
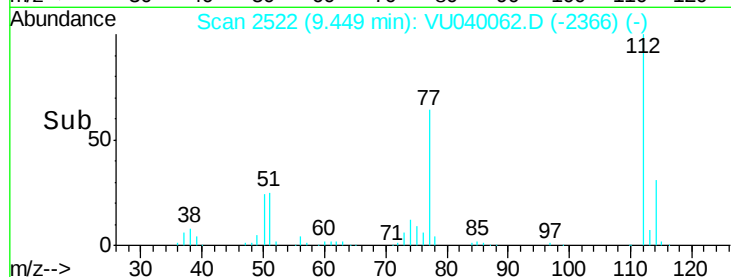
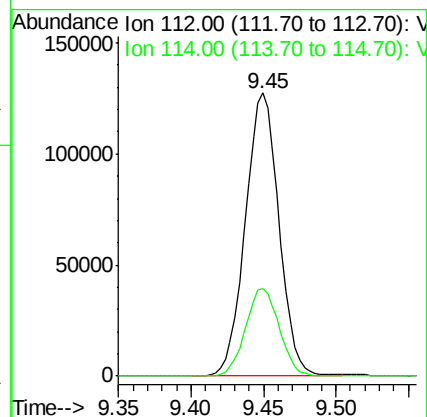
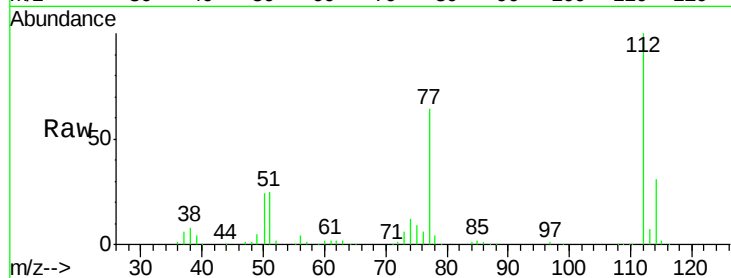
VSTDICCC010

Tgt Ion:112 Resp: 205662

Ion Ratio Lower Upper

112 100

114 31.0 24.8 37.2



#60

1,1,1,2-Tetrachloroethane

Concen: 10.226 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

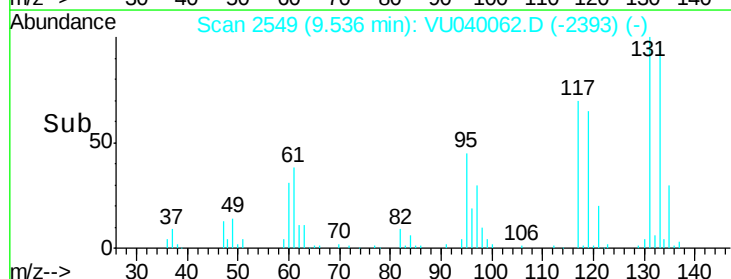
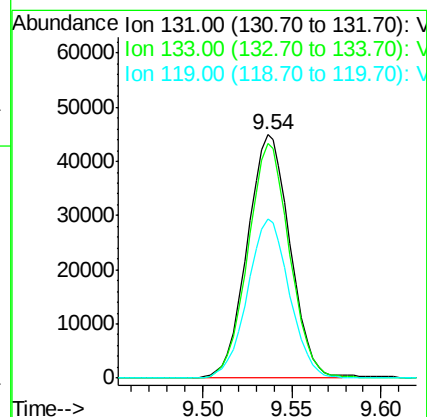
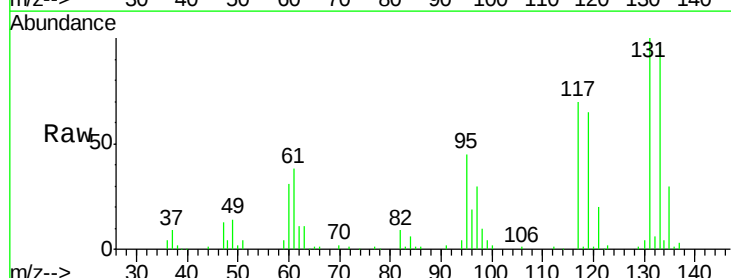
Tgt Ion:131 Resp: 75004

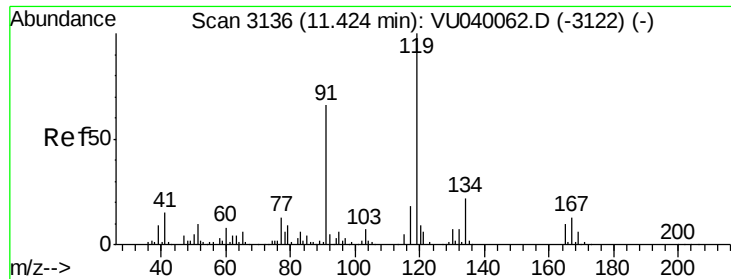
Ion Ratio Lower Upper

131 100

133 94.3 75.4 113.2

119 64.4 51.5 77.3

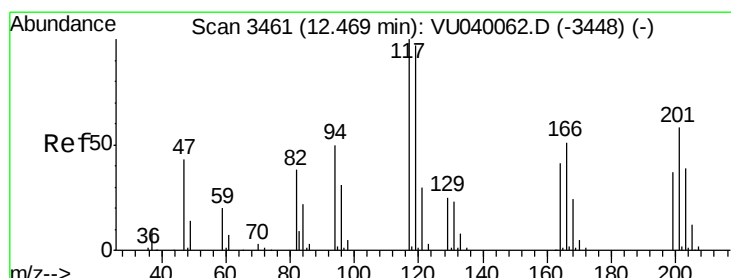
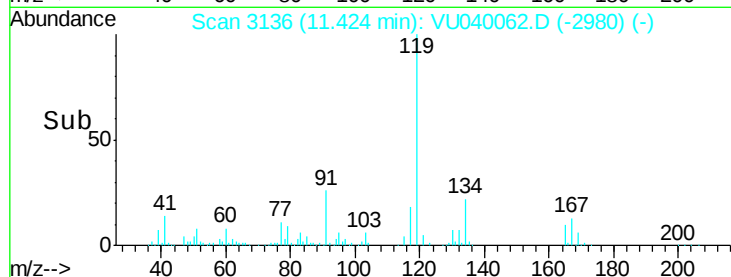
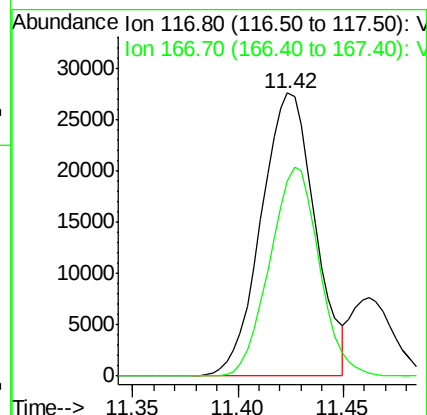
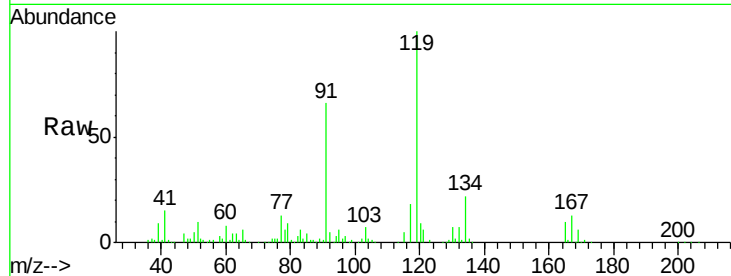




#61
 Pentachloroethane
 Concen: 7.982 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

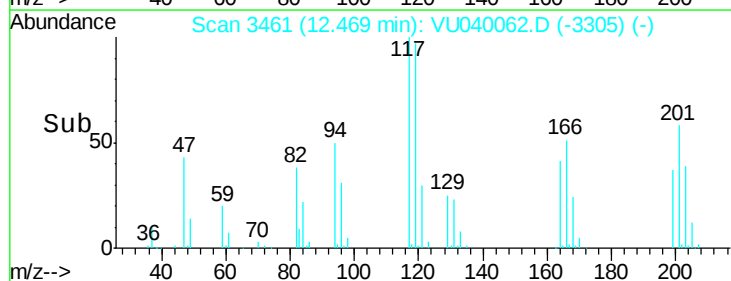
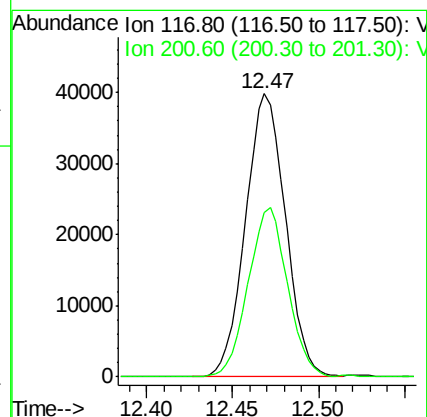
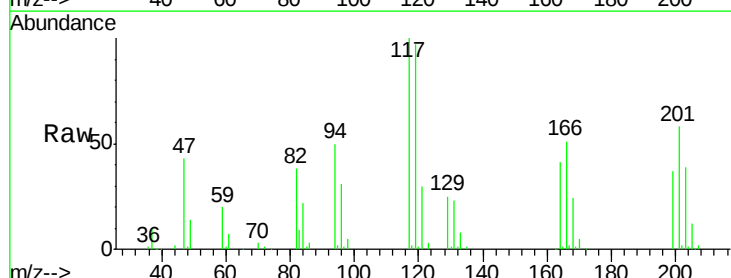
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

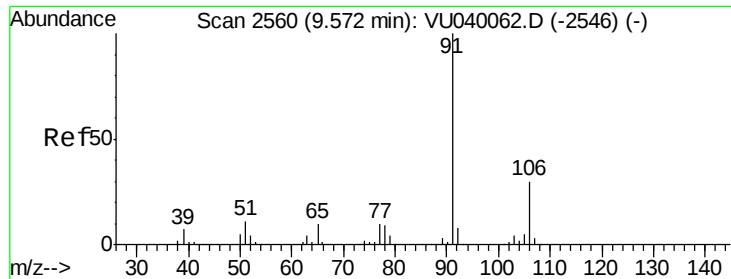
Tgt Ion:117 Resp: 48983
 Ion Ratio Lower Upper
 117 100
 167 68.1 54.5 81.7



#62
 Hexachloroethane
 Concen: 10.879 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion:117 Resp: 64378
 Ion Ratio Lower Upper
 117 100
 201 58.7 47.0 70.4

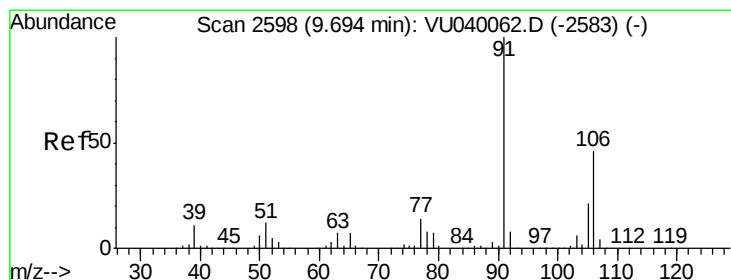
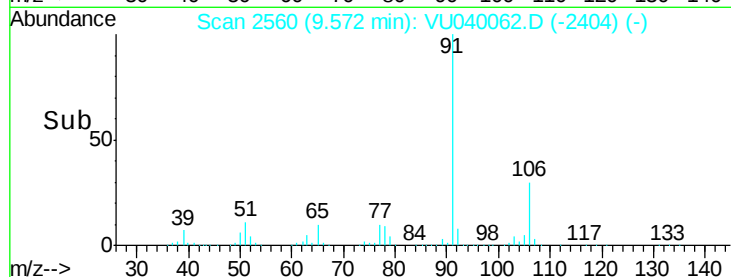
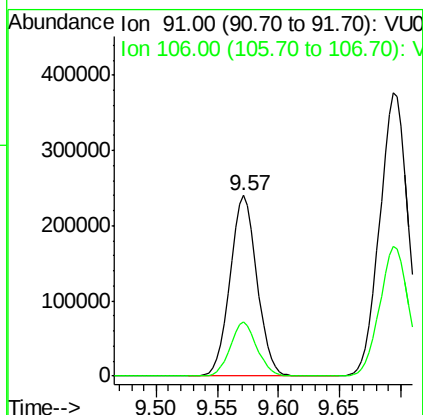
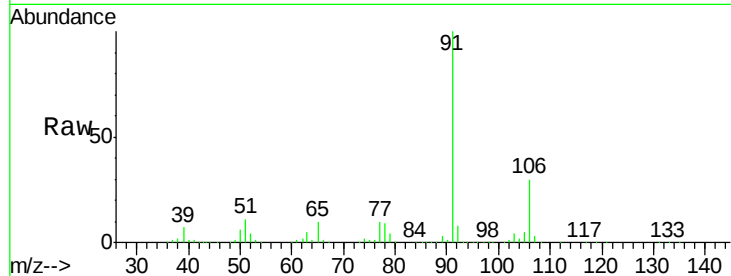




#63
Ethyl Benzene
Concen: 9.732 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

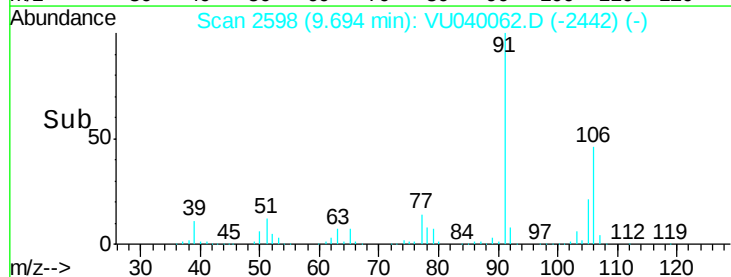
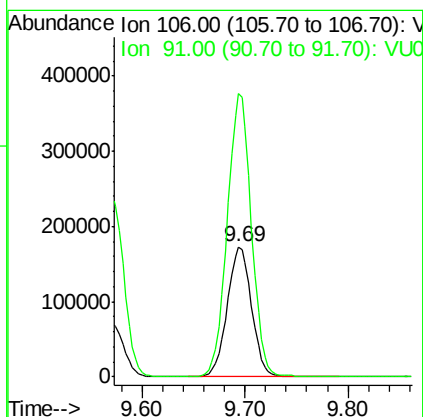
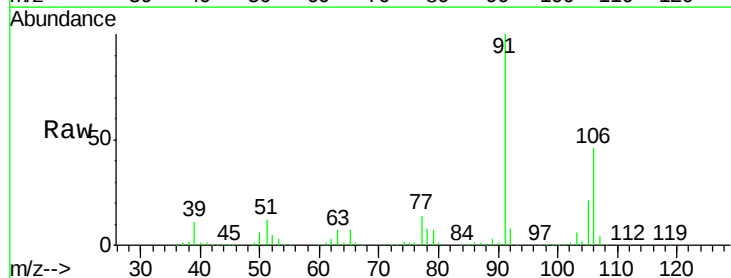
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

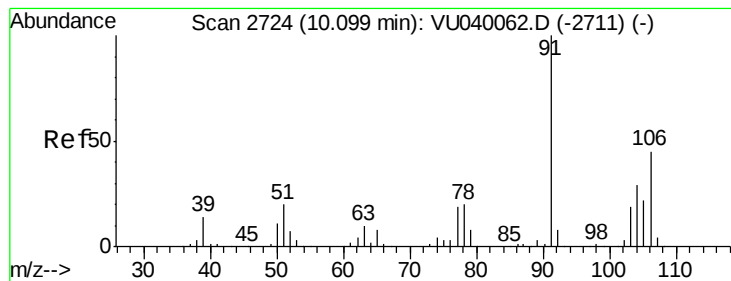
Tgt Ion: 91 Resp: 371150
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#64
m/p-Xylenes
Concen: 19.193 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion: 106 Resp: 284605
Ion Ratio Lower Upper
106 100
91 214.3 171.4 257.2





#65

o-Xylene

Concen: 9.505 ug/l

RT: 10.10 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

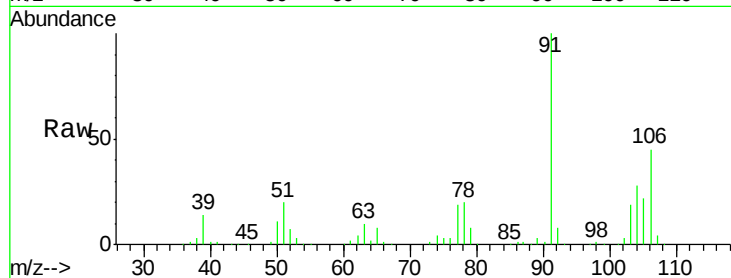
VSTDICCC010

Tgt Ion:106 Resp: 134152

Ion Ratio Lower Upper

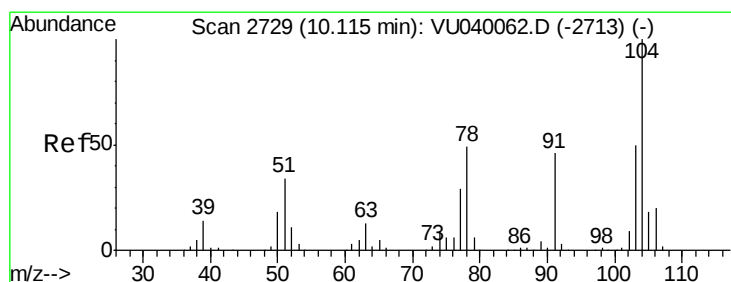
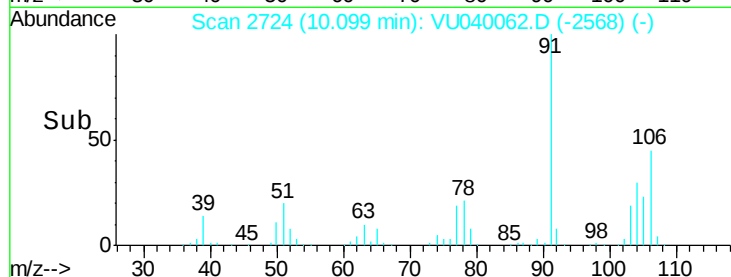
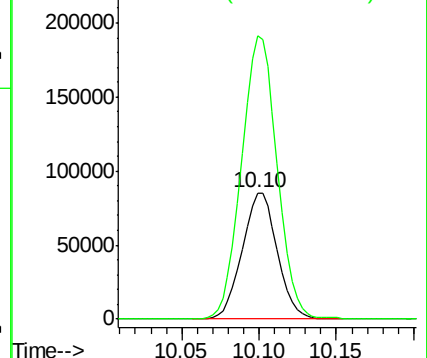
106 100

91 228.4 114.2 342.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 10.056 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

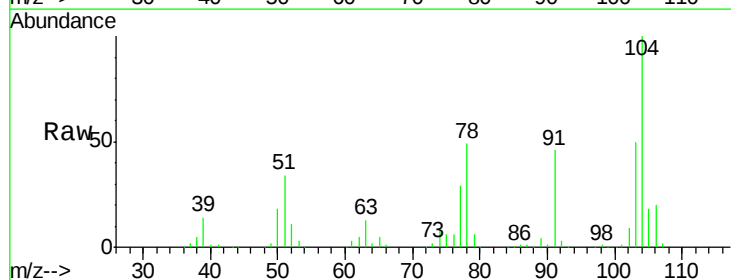
Tgt Ion:104 Resp: 244236

Ion Ratio Lower Upper

104 100

78 54.9 43.9 65.9

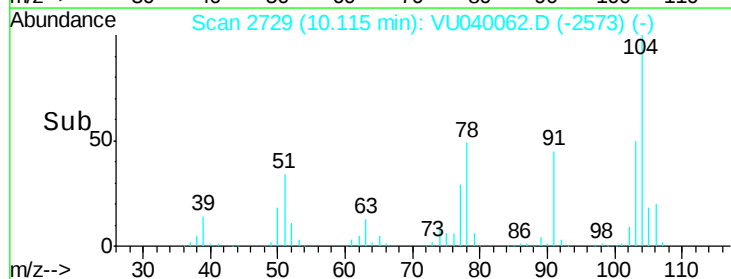
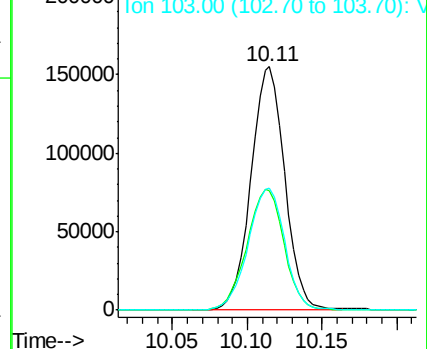
103 54.6 43.7 65.5

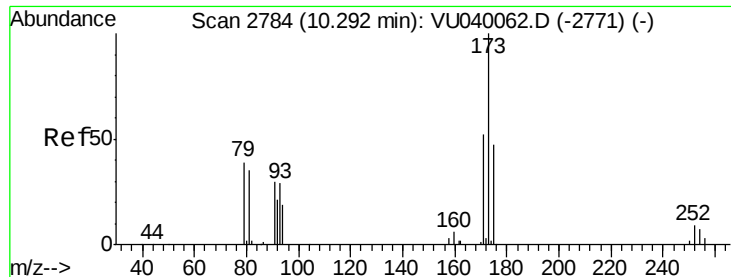


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

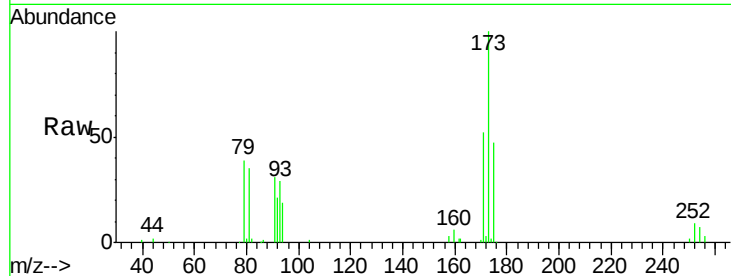




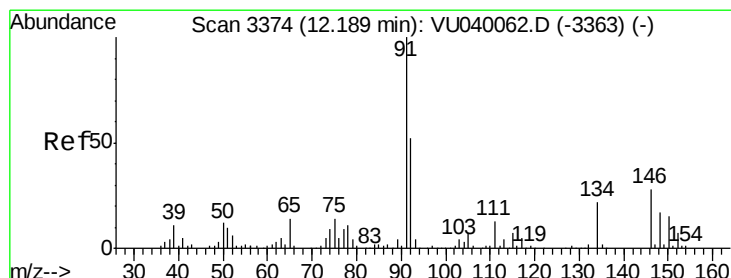
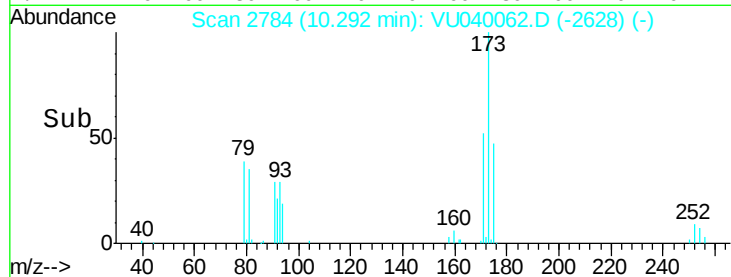
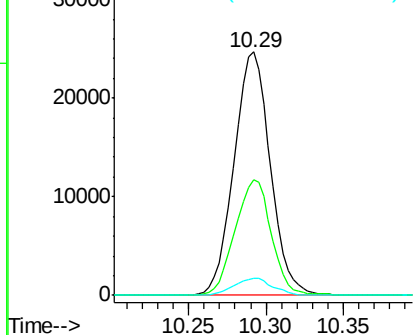
#67
Bromoform
Concen: 10.792 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 40194
Ion Ratio Lower Upper
173 100
175 47.5 38.0 57.0
254 7.3 5.8 8.8

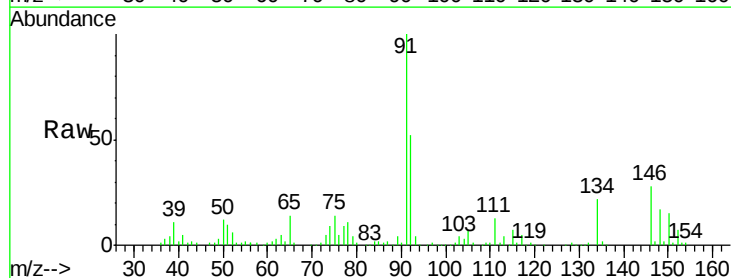


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

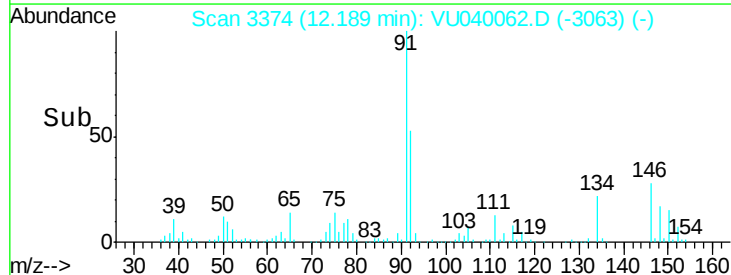
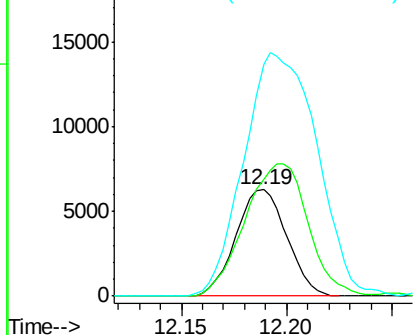


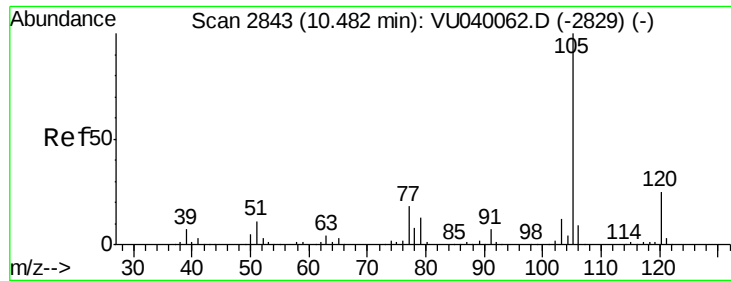
#68
1,2-Dichlorobenzene-d4
Concen: 0.986 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion:152 Resp: 10539
Ion Ratio Lower Upper
152 100
115 154.5 0.0 309.0
150 329.1 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: 9.737 ug/l

RT: 10.48 min Scan# 2843

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

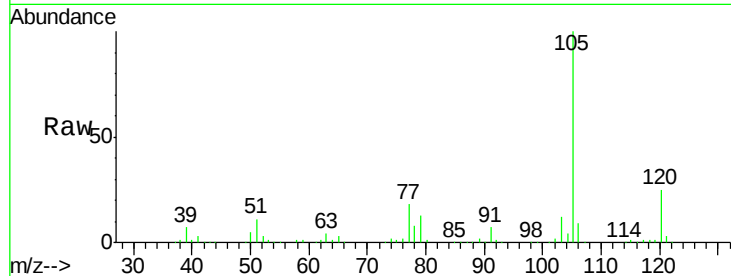
VSTDICCC010

Tgt Ion:105 Resp: 368423

Ion Ratio Lower Upper

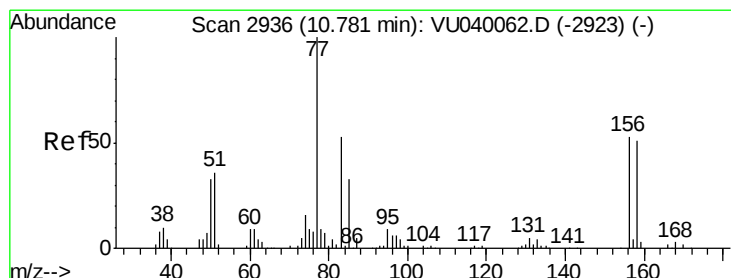
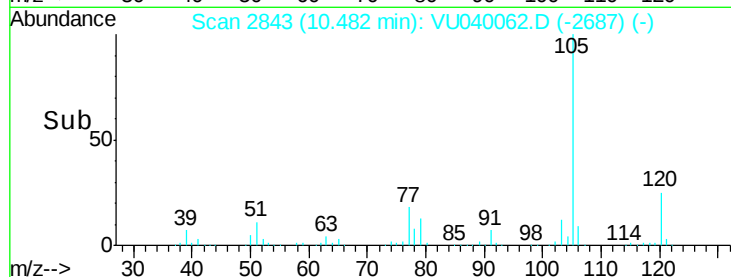
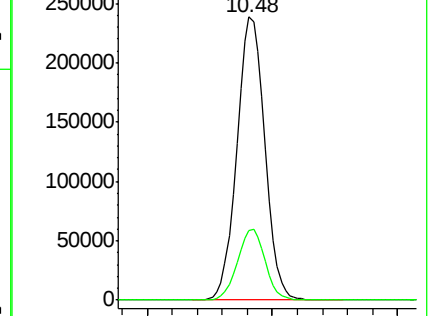
105 100

120 24.9 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: 8.970 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

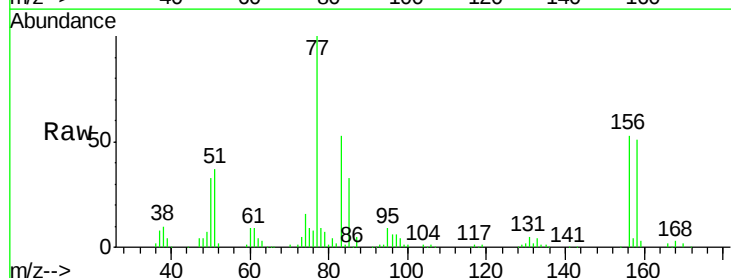
Tgt Ion: 83 Resp: 85855

Ion Ratio Lower Upper

83 100

131 9.4 7.5 11.3

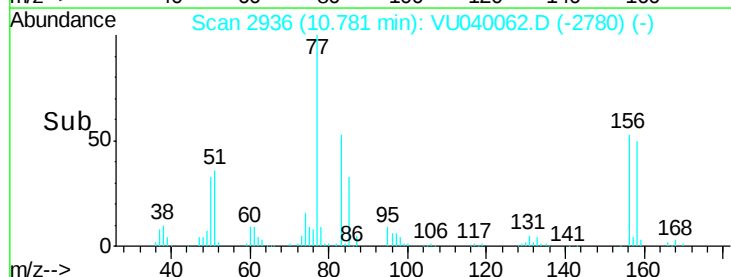
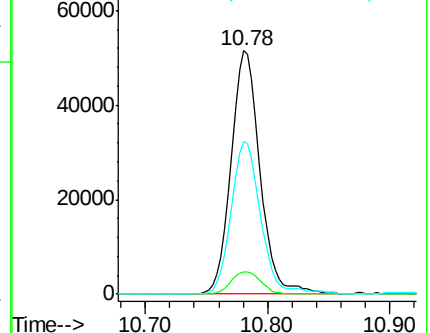
85 62.1 49.7 74.5

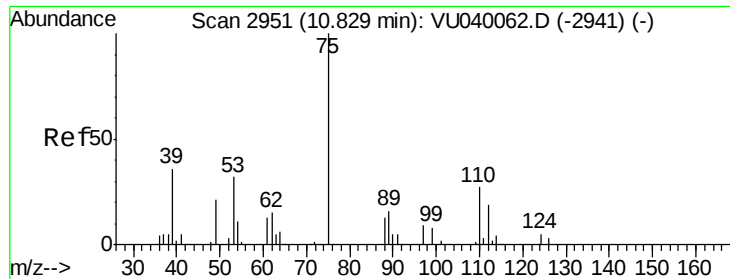


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 17.069 ug/l

RT: 10.83 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 121290

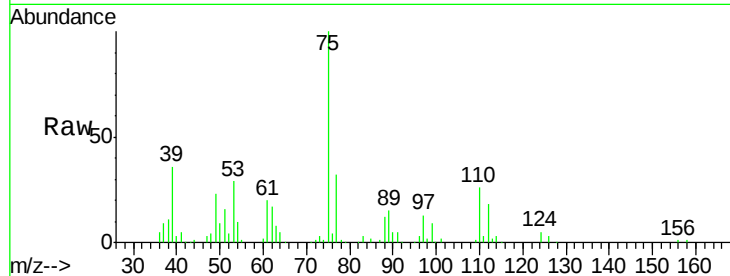
Ion Ratio Lower Upper

75 100

77 30.6 0.0 111.4

110 19.5 0.0 70.8

97 9.9 0.0 36.0

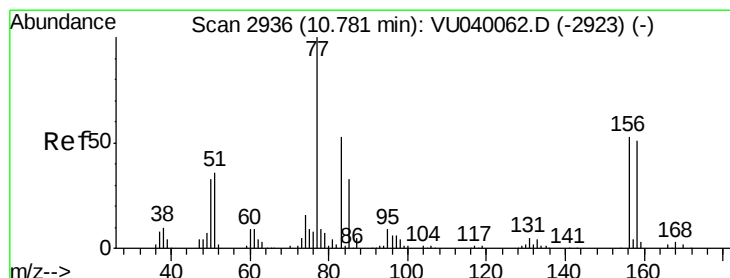
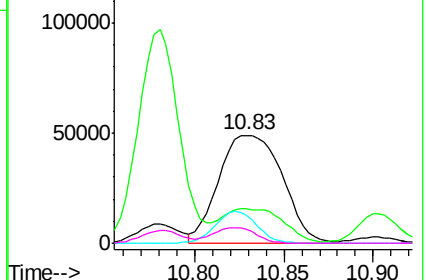
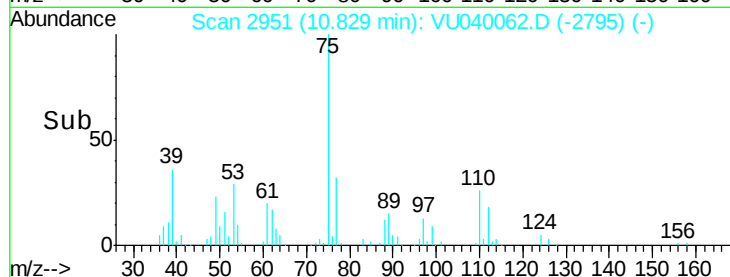


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 9.369 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

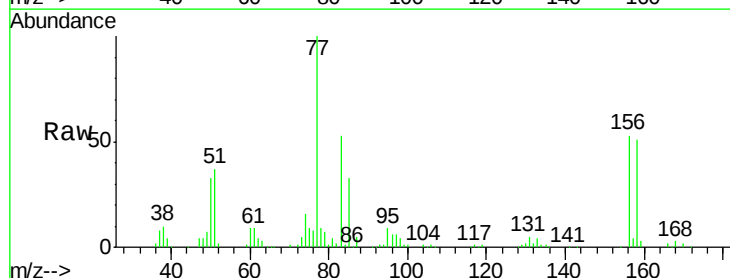
Tgt Ion: 156 Resp: 80799

Ion Ratio Lower Upper

156 100

77 191.8 0.0 383.6

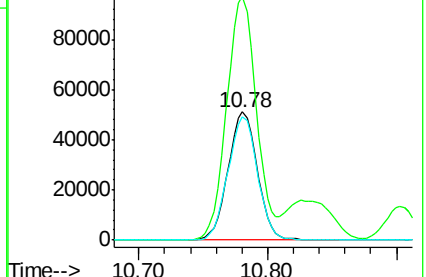
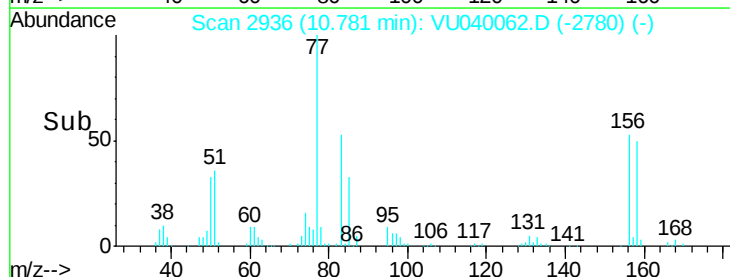
158 97.5 0.0 195.0

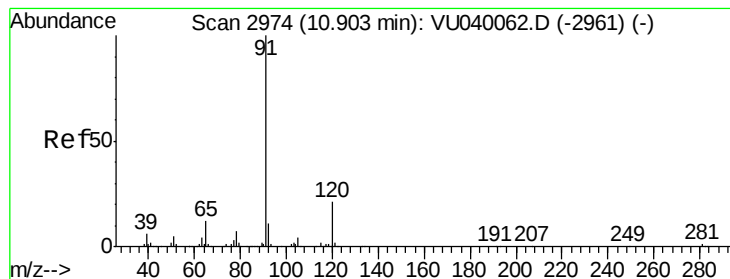


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 9.670 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

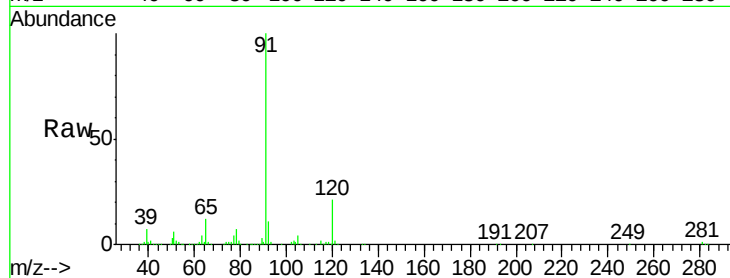
VSTDICCC010

Tgt Ion:120 Resp: 102671

Ion Ratio Lower Upper

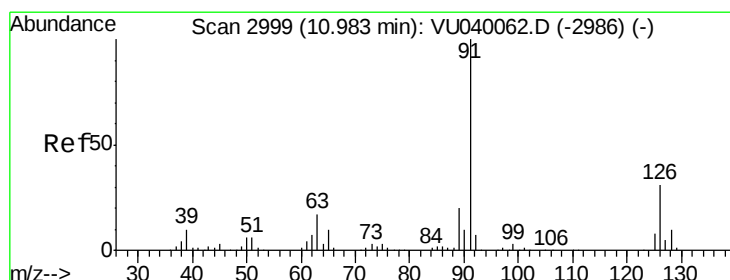
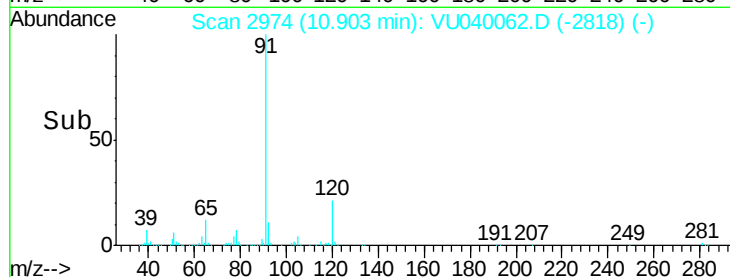
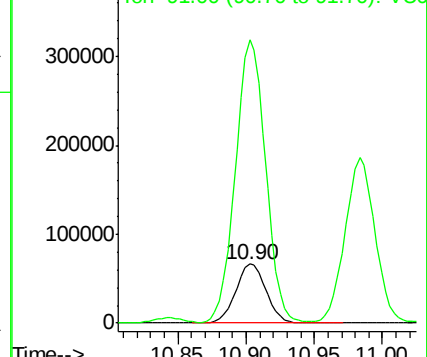
120 100

91 475.5 380.4 570.6



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.592 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VU040062.D

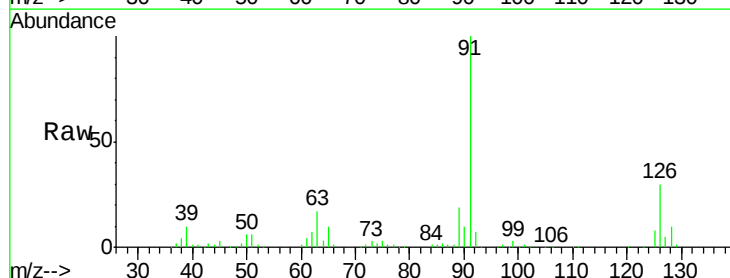
Acq: 09 Sep 2020 12:30

Tgt Ion:126 Resp: 86560

Ion Ratio Lower Upper

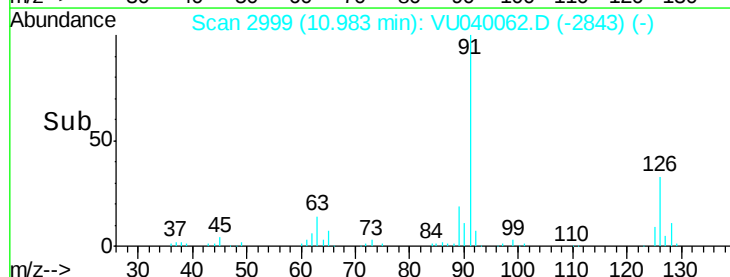
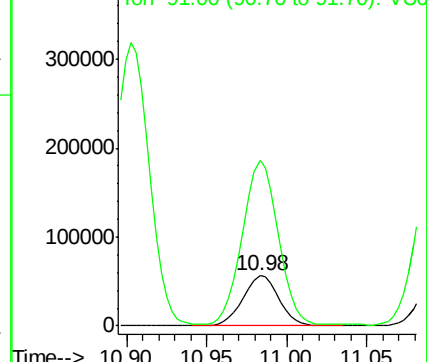
126 100

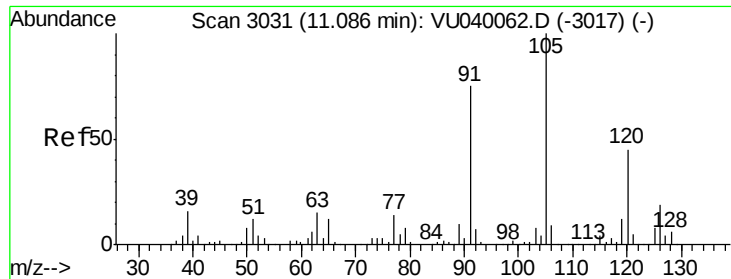
91 324.8 0.0 649.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.172 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040062.D

Acq: 09 Sep 2020 12:30

Instrument :

MSVOA_U

ClientSampleId :

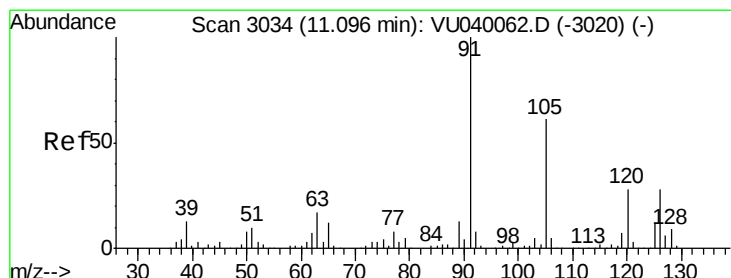
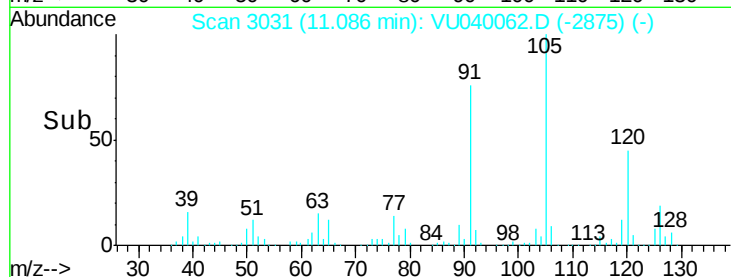
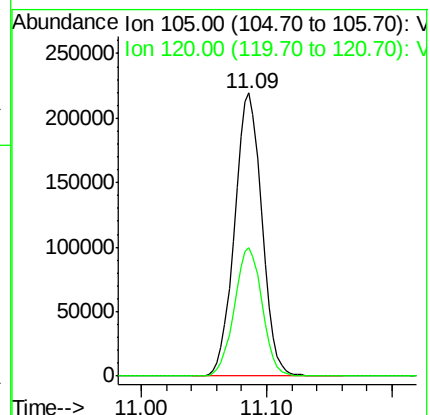
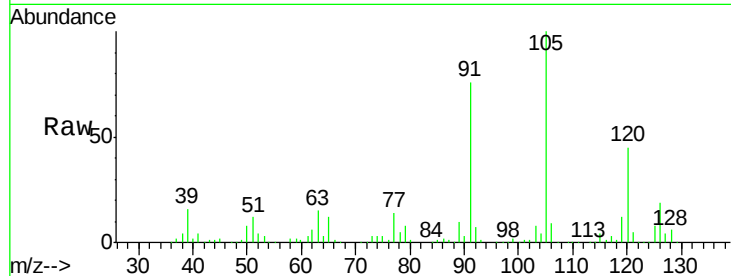
VSTDICCC010

Tgt Ion:105 Resp: 333158

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0



#76

4-Chlorotoluene

Concen: 10.021 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU040062.D

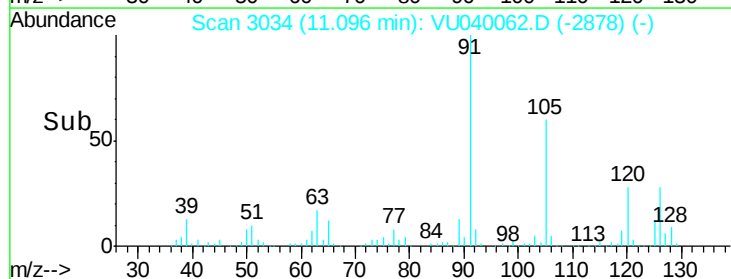
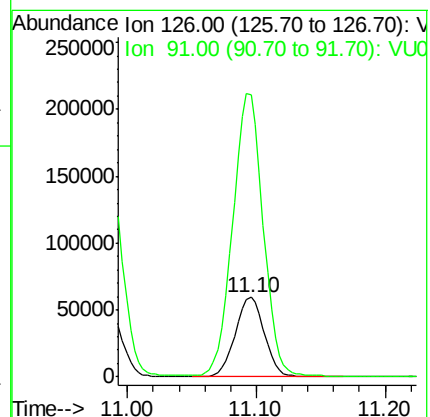
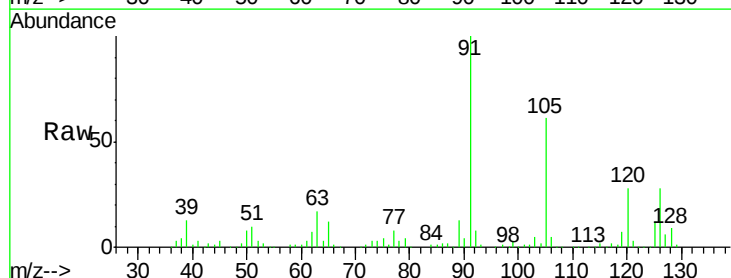
Acq: 09 Sep 2020 12:30

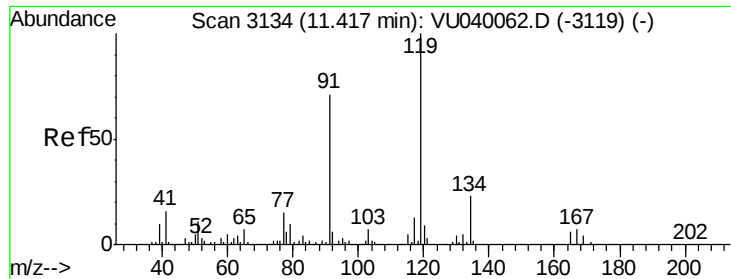
Tgt Ion:126 Resp: 93881

Ion Ratio Lower Upper

126 100

91 367.8 0.0 735.6

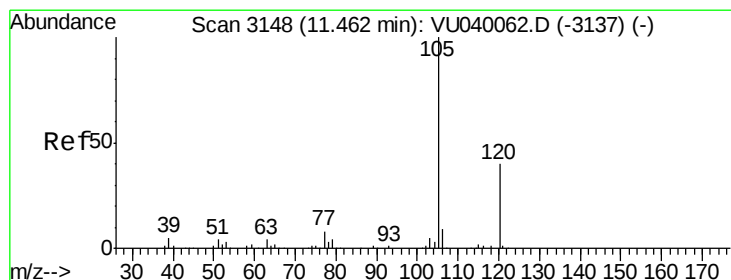
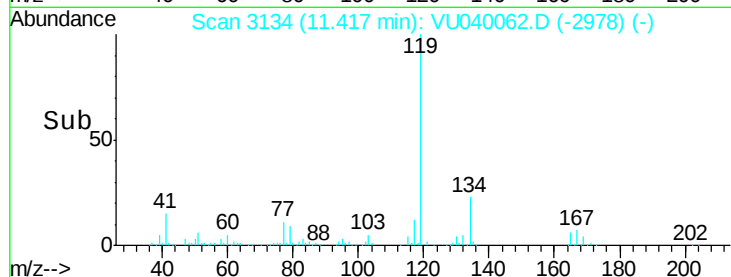
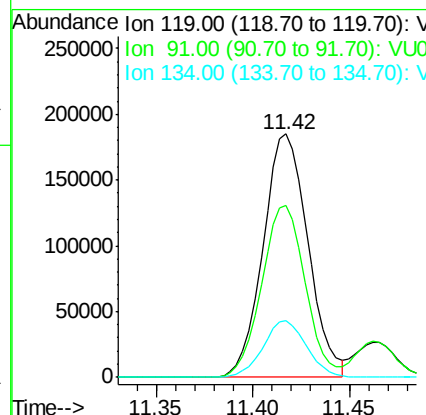
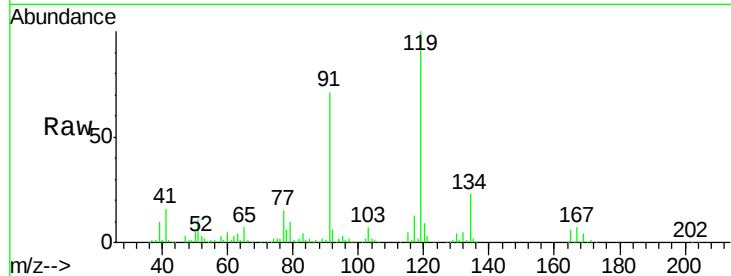




#77
 tert-Butylbenzene
 Concen: 9.560 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

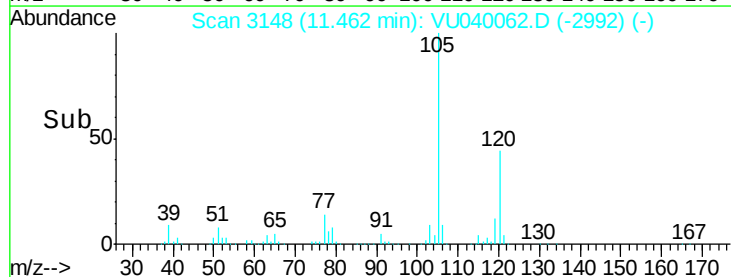
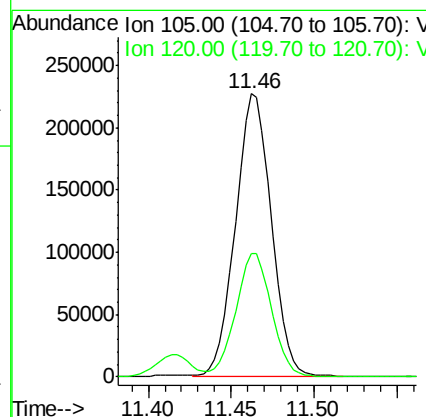
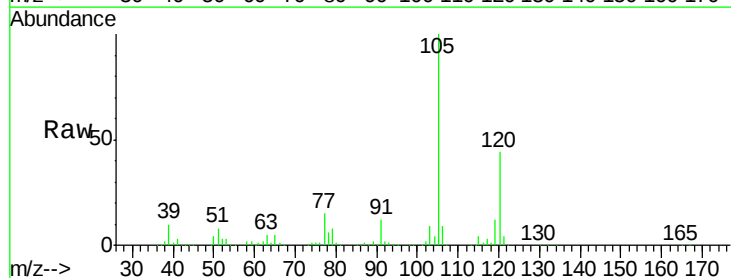
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

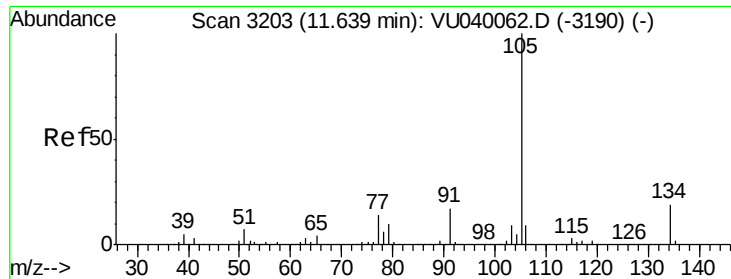
Tgt Ion:119 Resp: 298443
 Ion Ratio Lower Upper
 119 100
 91 68.3 34.2 102.5
 134 22.8 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 10.126 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion:105 Resp: 339502
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.5

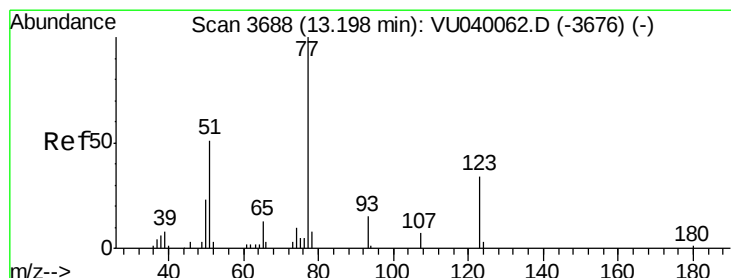
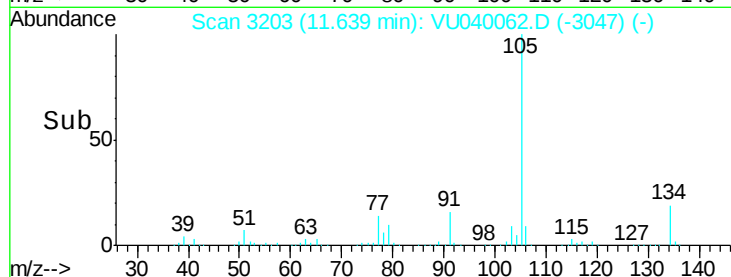
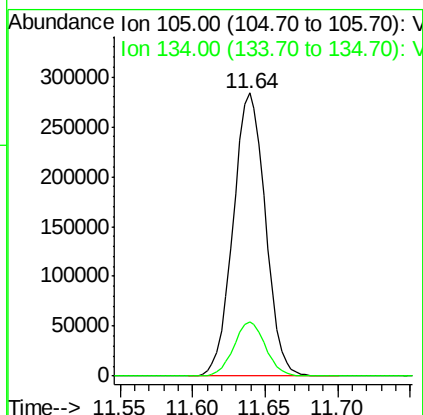
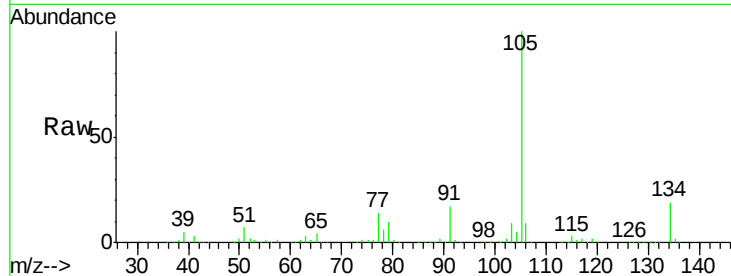




#79
 sec-Butylbenzene
 Concen: 9.800 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

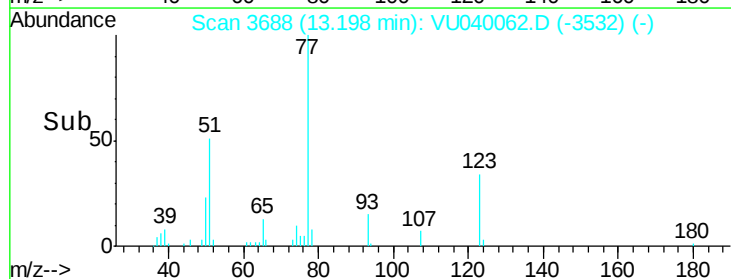
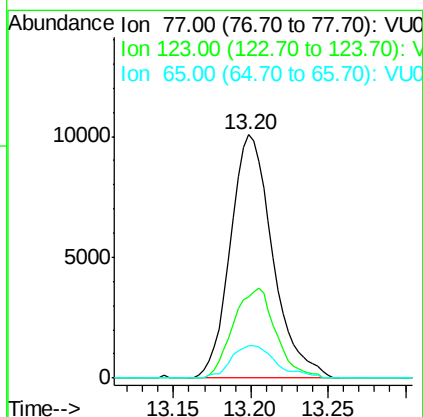
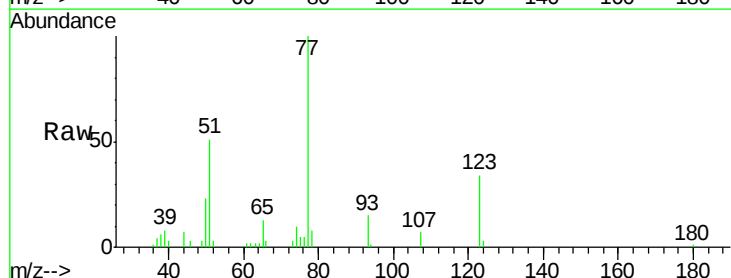
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

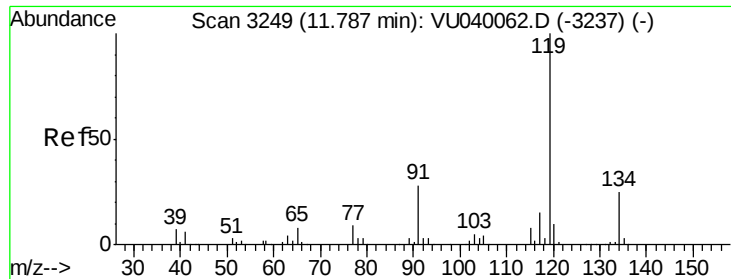
Tgt Ion: 105 Resp: 437716
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.4



#80
 Nitrobenzene
 Concen: 94.780 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion: 77 Resp: 19079
 Ion Ratio Lower Upper
 77 100
 123 37.2 16.4 58.0
 65 14.2 12.5 15.9

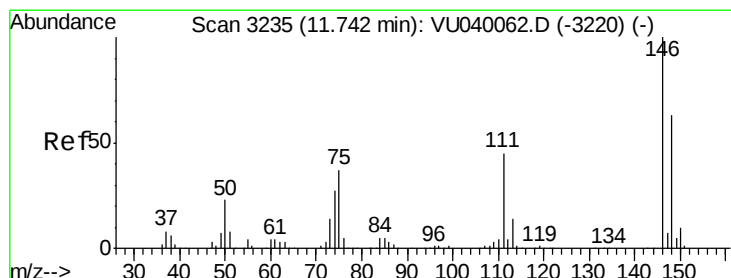
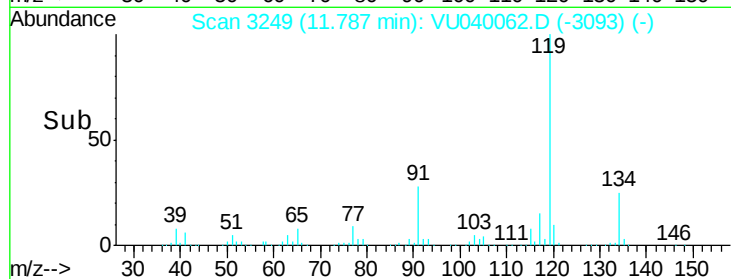
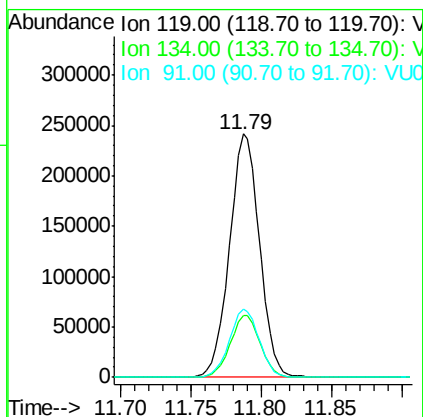
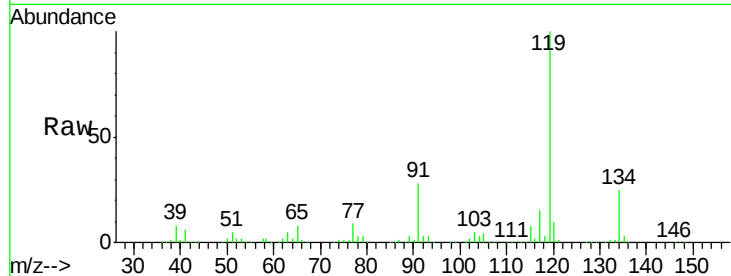




#81
 p-Isopropyltoluene
 Concen: 9.934 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

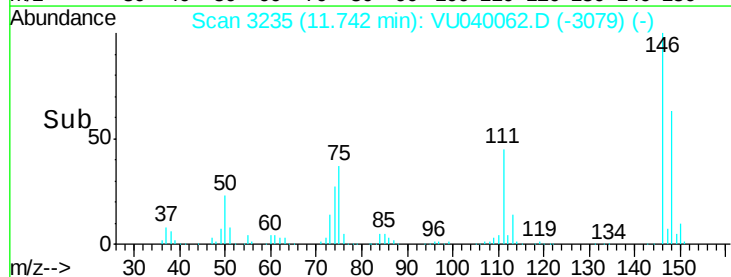
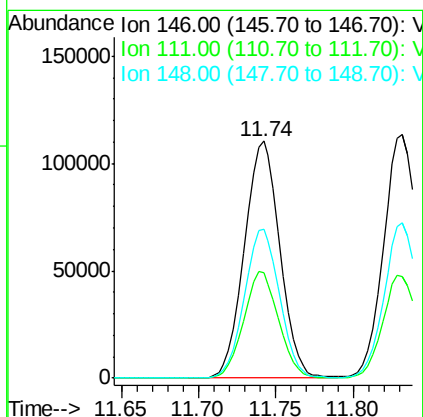
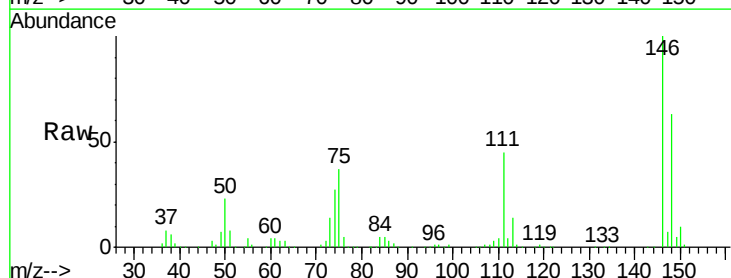
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

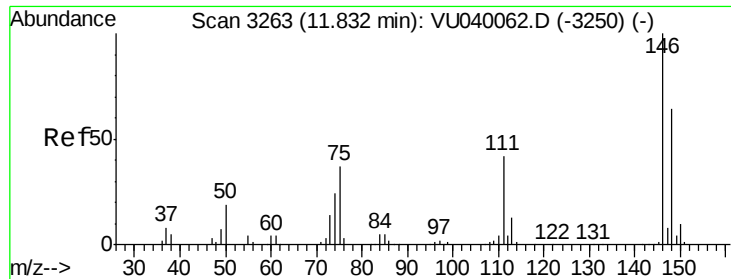
Tgt Ion:119 Resp: 357008
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.3 30.5
 91 27.7 22.2 33.2



#82
 1,3-Dichlorobenzene
 Concen: 9.485 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion:146 Resp: 176561
 Ion Ratio Lower Upper
 146 100
 111 44.2 35.4 53.0
 148 62.1 49.7 74.5

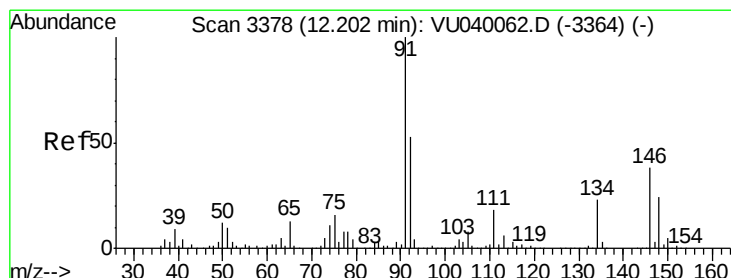
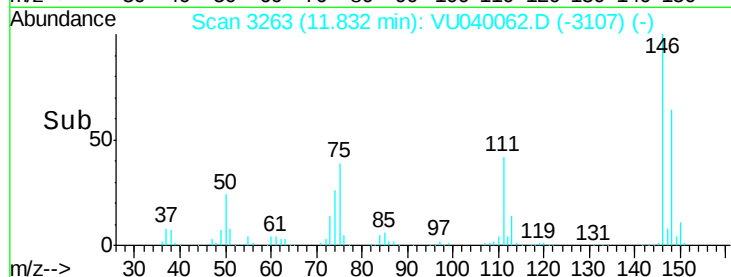
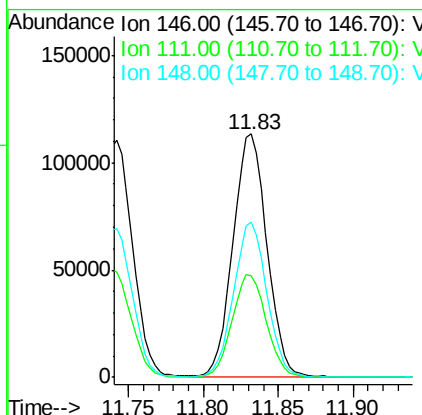
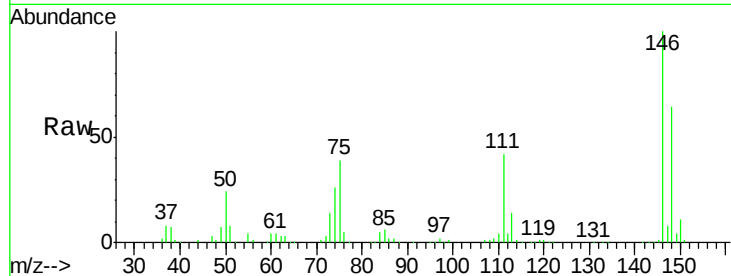




#83
 1,4-Dichlorobenzene
 Concen: 9.512 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

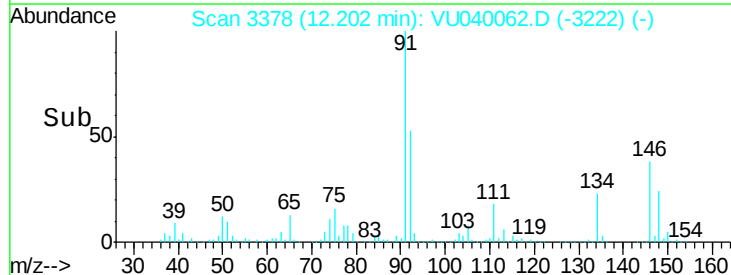
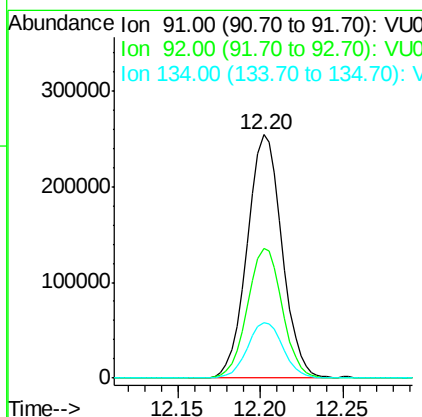
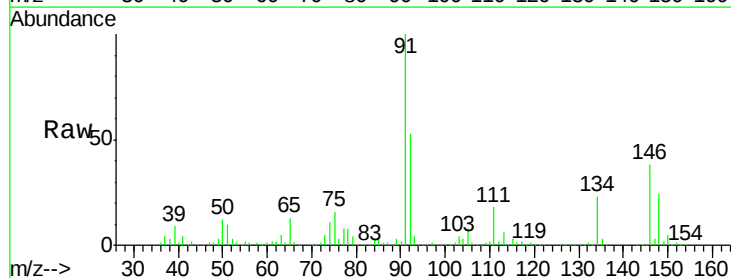
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

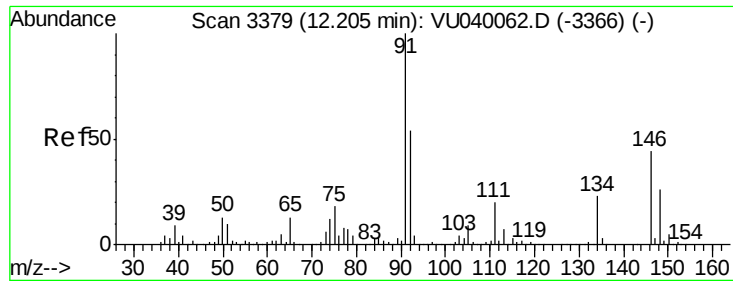
Tgt Ion: 146 Resp: 178509
 Ion Ratio Lower Upper
 146 100
 111 42.7 34.2 51.2
 148 62.7 50.2 75.2



#84
 n-Butylbenzene
 Concen: 9.717 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion: 91 Resp: 370981
 Ion Ratio Lower Upper
 91 100
 92 53.7 43.0 64.4
 134 23.2 18.6 27.8

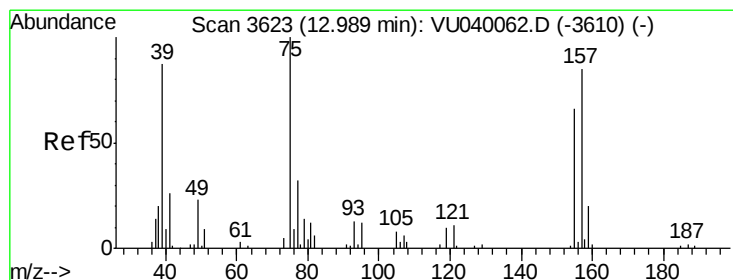
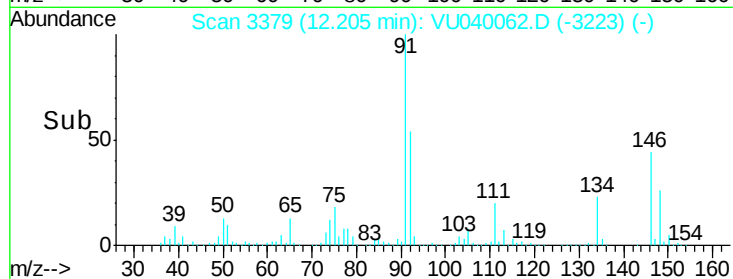
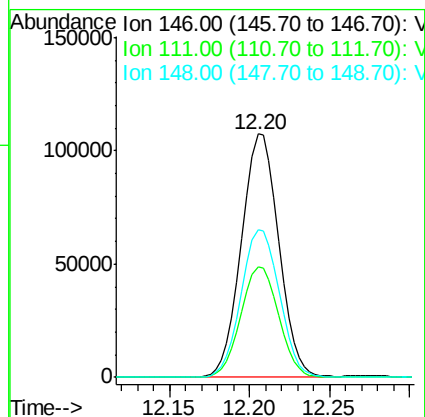
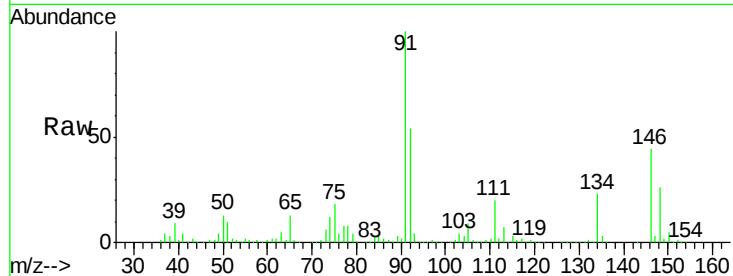




#85
 1,2-Dichlorobenzene
 Concen: 9.553 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

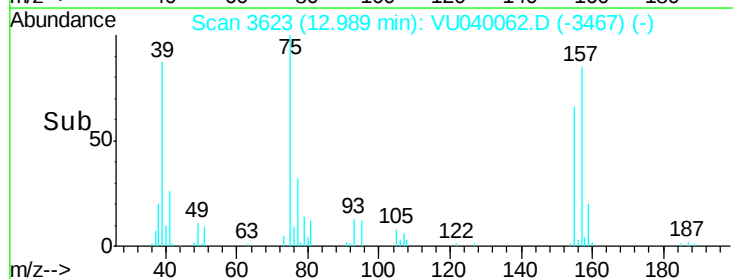
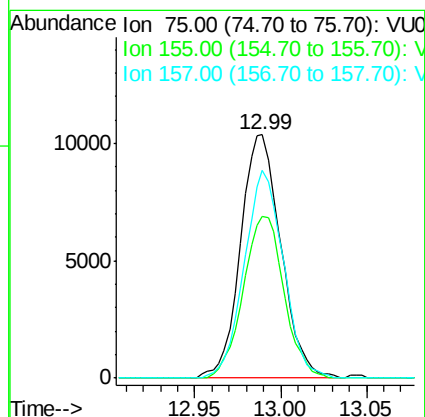
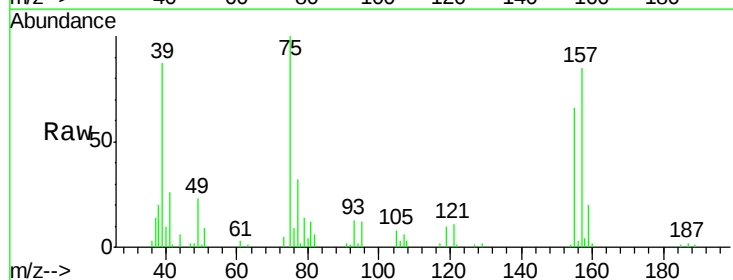
Instrument :
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 ClientSampleId :
 VSTDICCC010

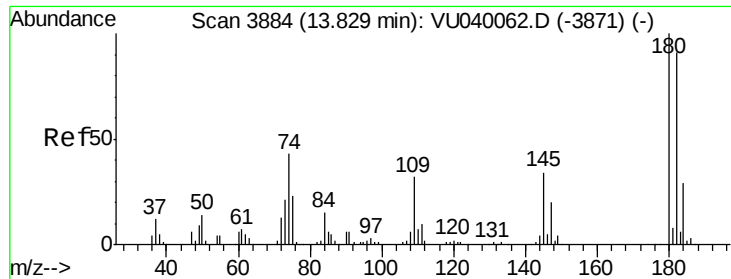
Tgt Ion: 146 Resp: 171525
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.9 68.7
 148 62.1 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.377 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion: 75 Resp: 16993
 Ion Ratio Lower Upper
 75 100
 155 66.7 53.4 80.0
 157 82.3 65.8 98.8

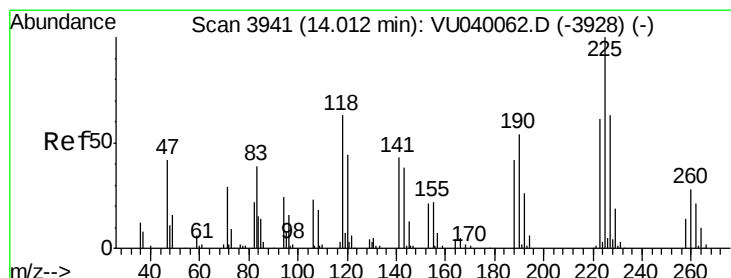
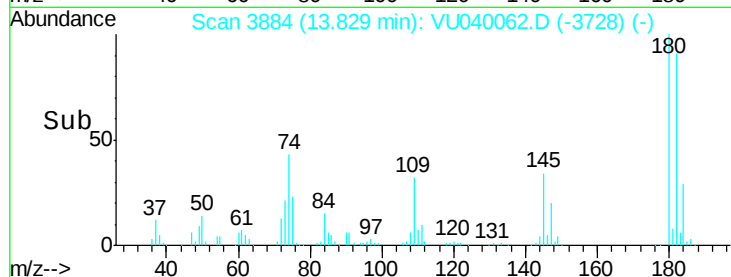
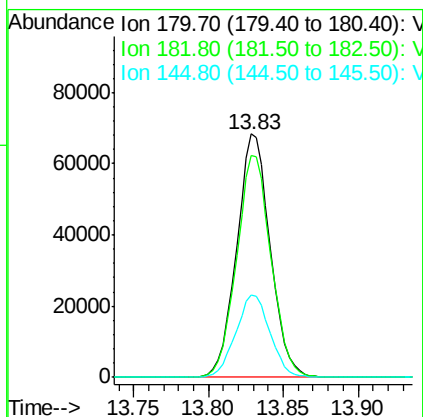
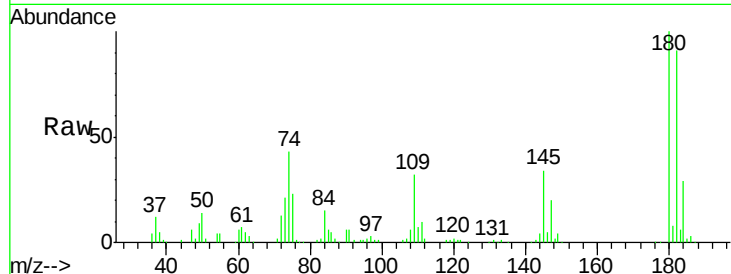




#87
 1,2,4-Trichlorobenzene
 Concen: 9.529 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

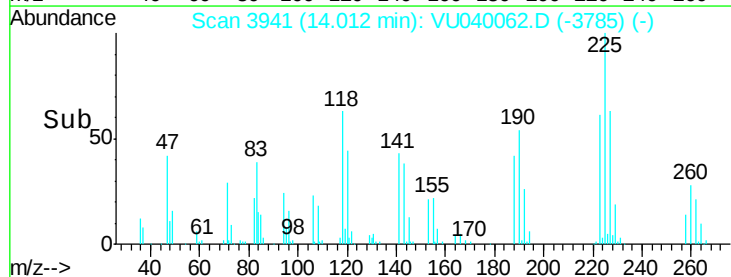
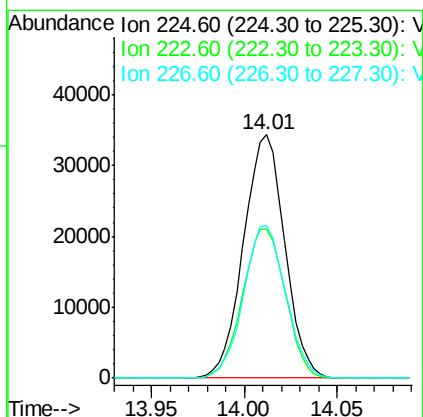
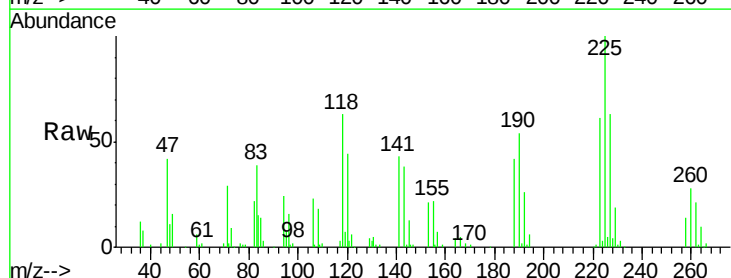
Instrument :
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 ClientSampleId :
 VSTDICCC010

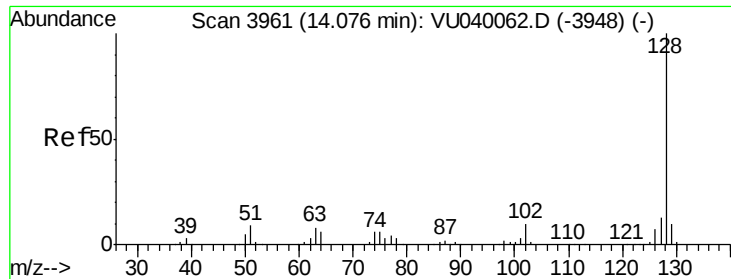
Tgt Ion:180 Resp: 106242
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.0 112.4
 145 34.6 27.7 41.5



#88
 Hexachlorobutadiene
 Concen: 10.239 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. 0.00 min
 Lab File: VU040062.D
 Acq: 09 Sep 2020 12:30

Tgt Ion:225 Resp: 53091
 Ion Ratio Lower Upper
 225 100
 223 63.4 50.7 76.1
 227 63.9 51.1 76.7

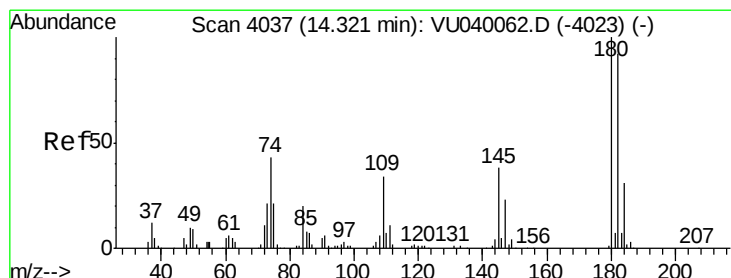
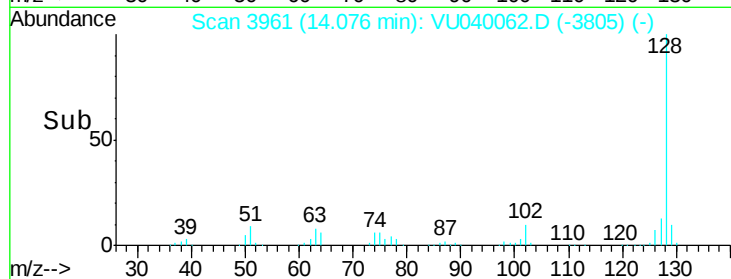
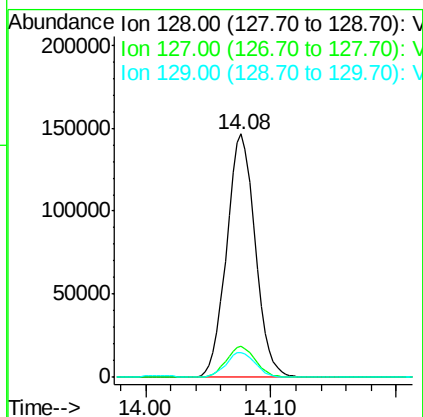
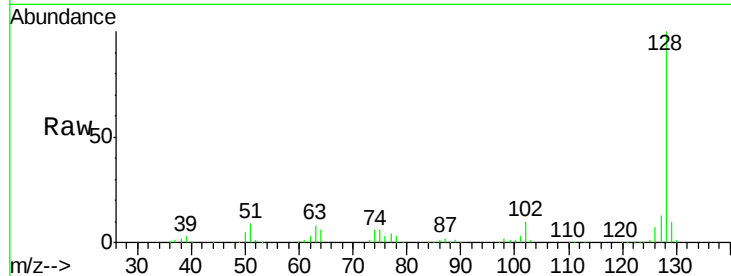




#89
Naphthalene
Concen: 9.756 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 231298
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.4 8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 9.447 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040062.D
Acq: 09 Sep 2020 12:30

Tgt Ion:180 Resp: 99478
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 38.2 30.6 45.8

