

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040063.D
 Acq On : 09 Sep 2020 12:59
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 10 03:48:50 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	30025	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	11916	1.01	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	11720	1.03	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	165621	16.395	ug/l 98
3) Chloromethane	1.53	50	173140	14.011	ug/l 98
4) Vinyl Chloride	1.61	62	172588	15.082	ug/l 98
5) Bromomethane	1.86	94	103593	13.144	ug/l 98
6) Chloroethane	1.94	64	106733	13.527	ug/l 97
7) Trichlorofluoromethane	2.15	101	259123	16.785	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	146198	16.494	ug/l 98
9) 1,1-Dichloroethene	2.59	96	122355	15.194	ug/l 98
10) Iodomethane	2.74	142	159150	19.851	ug/l 100
11) Allyl Chloride	2.93	41	242414	14.116	ug/l 99
12) Acrylonitrile	3.33	53	85576	30.221	ug/l 99
13) Acetone	2.63	43	191264	71.693	ug/l 95
14) Carbon Disulfide	2.81	76	341233	11.931	ug/l 99
15) Methylene Chloride	3.06	84	151361	13.375	ug/l 99
16) trans-1,2-Dichloroethene	3.37	96	135045	14.768	ug/l 97
17) 1,1-Dichloroethane	3.89	63	287141	14.407	ug/l 99
18) 2-Butanone	4.73	43	298933	67.731	ug/l 99
19) Cyclohexane	5.40	56	215368	11.311	ug/l 91
20) Methylcyclohexane	6.77	83	255501	17.724	ug/l 99
21) 2,2-Dichloropropane	4.68	77	256362	15.473	ug/l 100
22) cis-1,2-Dichloroethene	4.68	96	154247	15.555	ug/l 99
23) Diethyl Ether	2.39	59	120743	14.790	ug/l 97
24) tert-Butyl Alcohol	3.20	59	153405	103.415	ug/l 97
25) Methyl tert-Butyl Ether	3.38	73	423521	16.085	ug/l 100
26) Bromochloromethane	4.99	128	68293	16.668	ug/l 97
27) Chloroform	5.11	83	291827	15.432	ug/l 99
28) 1,1,1-Trichloroethane	5.33	97	254462	16.443	ug/l 99
29) 1,1-Dichloropropene	5.54	75	223900	15.262	ug/l 99
30) Carbon Tetrachloride	5.53	117	238692	18.563	ug/l 98
31) Isopropyl Ether	4.02	45	511046	14.116	ug/l 98
32) Ethyl-t-butyl ether	4.53	59	469029	15.081	ug/l 98
33) Tert-Amyl methyl ether	5.96	73	443707	19.250	ug/l 99
34) Propionitrile	4.80	54	75554	69.227	ug/l 98
35) Benzene	5.79	78	628069	16.997	ug/l 99
36) 1,2-Dichloroethane	5.81	62	237026	17.059	ug/l 99
37) Trichloroethene	6.55	130	160792	18.813	ug/l 96
38) 1,2-Dichloropropane	6.80	63	179987	17.713	ug/l 98
39) Methacrylonitrile	5.00	41	75552	13.032	ug/l 99
40) Methyl acrylate	4.87	55	104168	14.054	ug/l 99
41) Tetrahydrofuran	5.08	42	72902	25.227	ug/l 97
42) 1-Chlorobutane	5.47	56	328910	14.378	ug/l 98

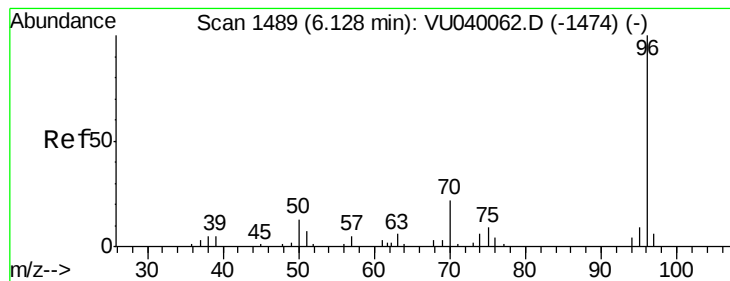
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040063.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	101241	18.251	ug/l	98
44) Bromodichloromethane	7.12	83	249753	19.671	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	784956	95.002	ug/l	99
46) t-1,4-Dichloro-2-butene	10.84	75	278354	106.265	ug/l #	54
47) Methyl methacrylate	6.98	69	201289	39.486	ug/l	99
48) Ethyl methacrylate	8.34	69	191724	20.437	ug/l	99
49) Toluene	7.98	92	404267	18.510	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	247308	21.631	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	268481	20.062	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	136311	18.962	ug/l	99
53) 1,3-Dichloropropane	8.58	76	243015	17.758	ug/l	99
54) 2-Hexanone	8.69	43	570905	96.449	ug/l	100
55) Dibromochloromethane	8.82	129	166470	21.397	ug/l	99
56) 1,2-Dibromoethane	8.93	107	129657	18.898	ug/l	96
58) Tetrachloroethene	8.56	164	153187	20.105	ug/l	99
59) Chlorobenzene	9.45	112	441830	19.345	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	162026	20.742	ug/l	99
61) Pentachloroethane	11.42	117	110047	16.838	ug/l	98
62) Hexachloroethane	12.47	117	147816	23.455	ug/l	99
63) Ethyl Benzene	9.57	91	817869	20.137	ug/l	99
64) m/p-Xylenes	9.69	106	603890	38.240	ug/l	99
65) o-Xylene	10.10	106	288281	19.179	ug/l	98
66) Styrene	10.11	104	525111	20.301	ug/l	99
67) Bromoform	10.29	173	91349	23.030	ug/l	99
69) Isopropylbenzene	10.48	105	810689	20.119	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	189224	18.563	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	278354	36.783	ug/l	70
72) Bromobenzene	10.78	156	177619	19.338	ug/l	98
73) n-propylbenzene	10.90	120	222260	19.656	ug/l	99
74) 2-Chlorotoluene	10.98	126	187230	19.482	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	717111	20.559	ug/l	99
76) 4-Chlorotoluene	11.10	126	197952	19.840	ug/l	97
77) tert-Butylbenzene	11.42	119	666085	20.034	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	744640	20.854	ug/l	100
79) sec-Butylbenzene	11.64	105	956881	20.117	ug/l	99
80) Nitrobenzene	13.20	77	45495	212.219	ug/l	99
81) p-Isopropyltoluene	11.79	119	791655	20.684	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	377838	19.059	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	383892	19.208	ug/l	99
84) n-Butylbenzene	12.20	91	822792	20.236	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	362519	18.958	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	38448	22.046	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	237166	19.974	ug/l	100
88) Hexachlorobutadiene	14.01	225	114989	20.823	ug/l	100
89) Naphthalene	14.08	128	524433	20.771	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	217269	19.373	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

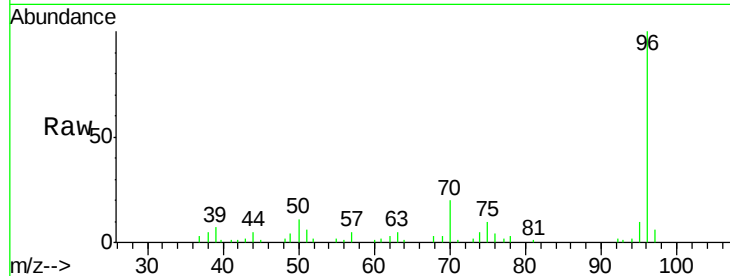
ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 30025

Ion Ratio Lower Upper

96	100		
70	22.3	17.1	25.7
95	0.0	7.6	11.4#
97	0.0	0.0	0.0

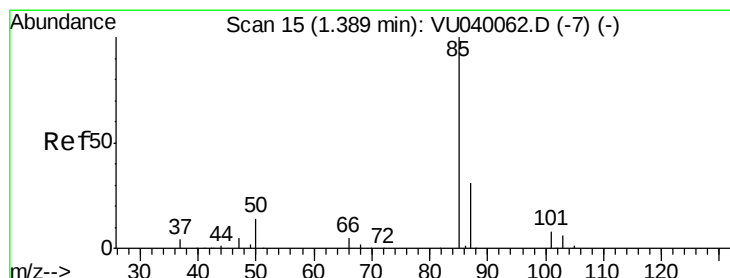
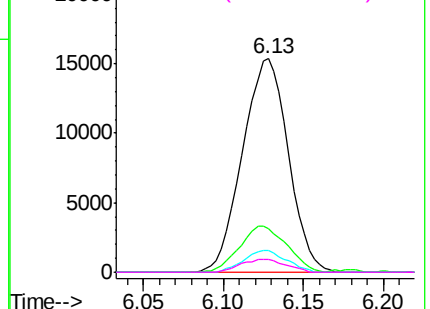
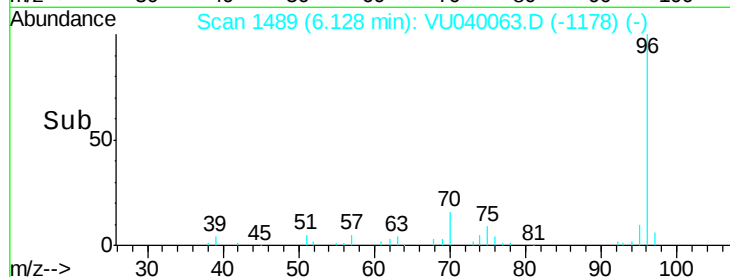


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 16.395 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

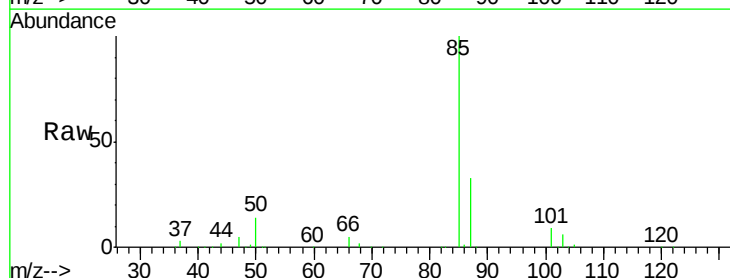
Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Tgt Ion: 85 Resp: 165621

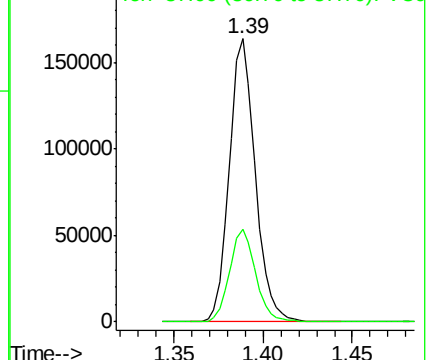
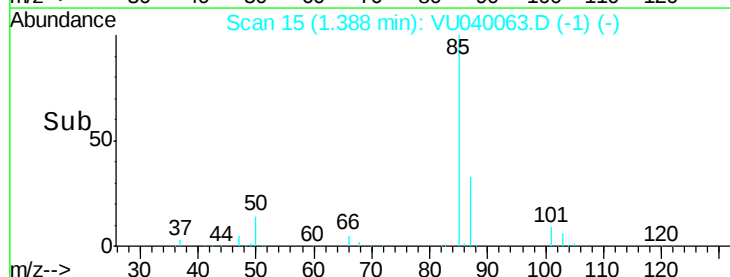
Ion Ratio Lower Upper

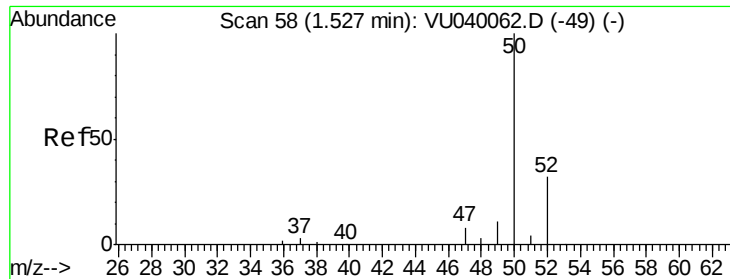
85	100		
87	32.6	15.6	46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

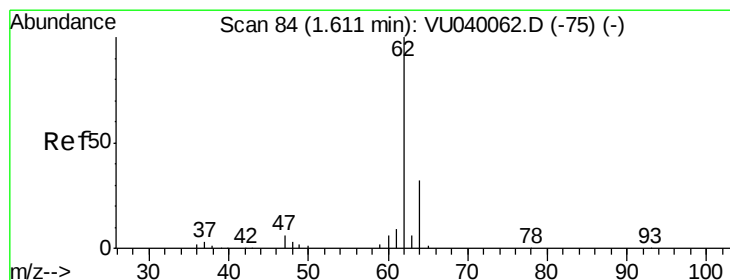
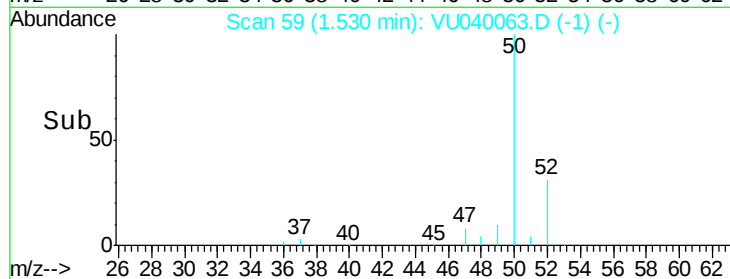
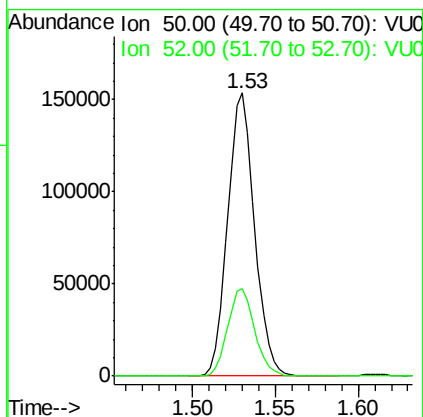
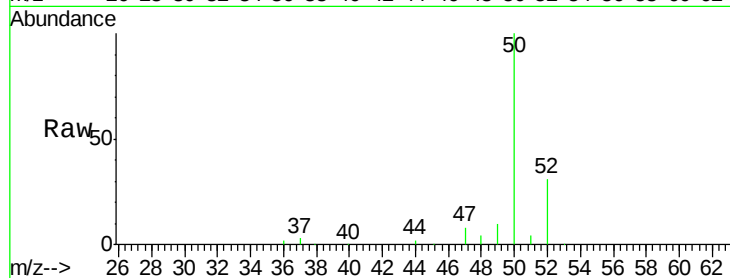




#3
 Chloromethane
 Concen: 14.011 ug/l
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

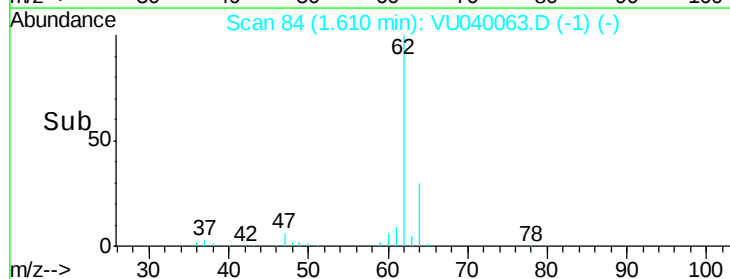
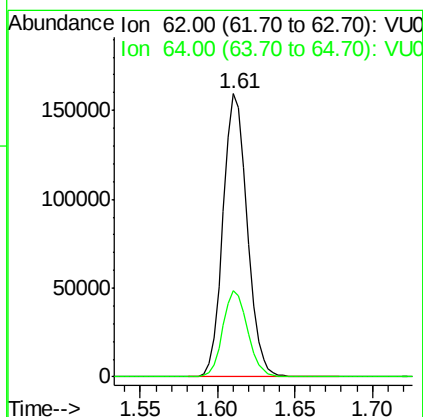
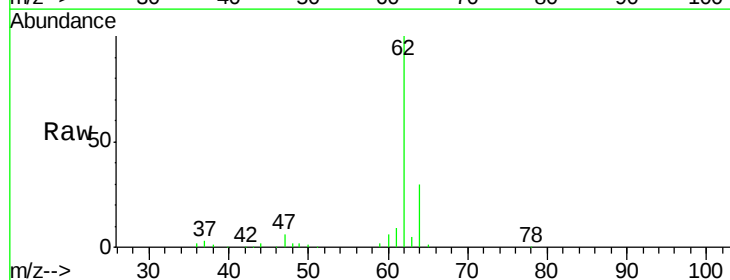
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

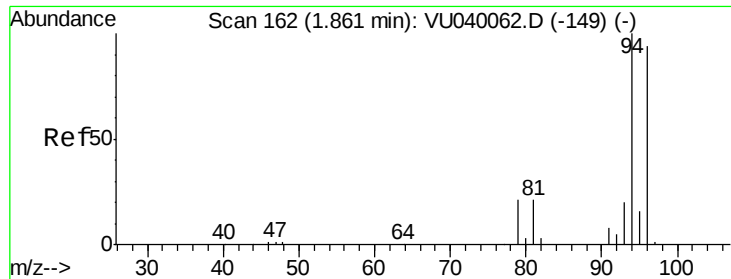
Tgt Ion: 50 Resp: 173140
 Ion Ratio Lower Upper
 50 100
 52 31.1 25.9 38.9



#4
 Vinyl Chloride
 Concen: 15.082 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 62 Resp: 172588
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.4 38.0





#5

Bromomethane

Concen: 13.144 ug/l

RT: 1.86 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

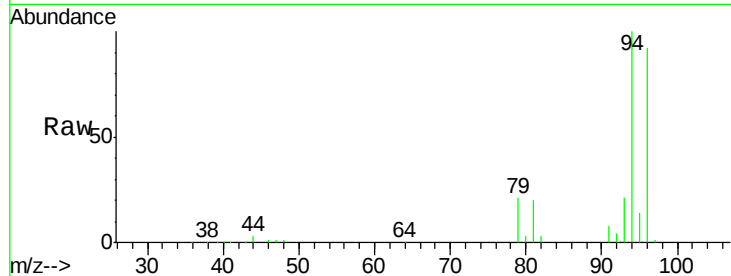
VSTDIC020

Tgt Ion: 94 Resp: 103593

Ion Ratio Lower Upper

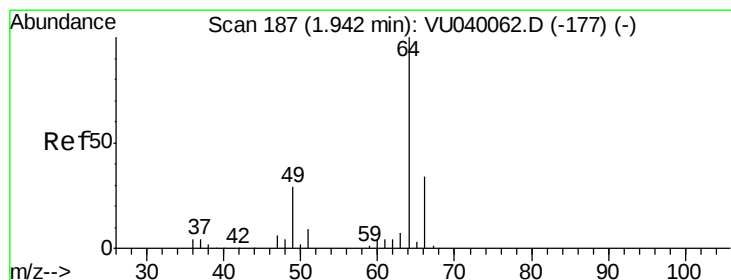
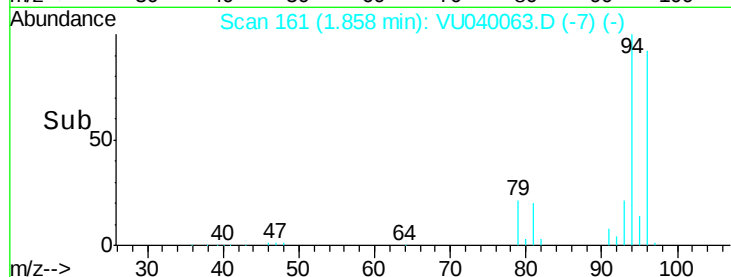
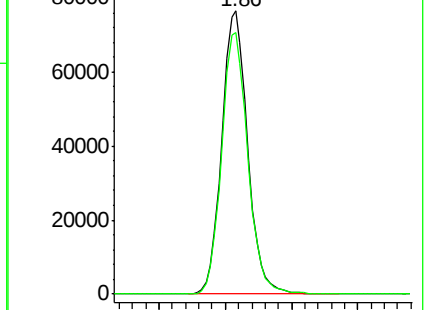
94 100

96 92.3 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: 13.527 ug/l

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU040063.D

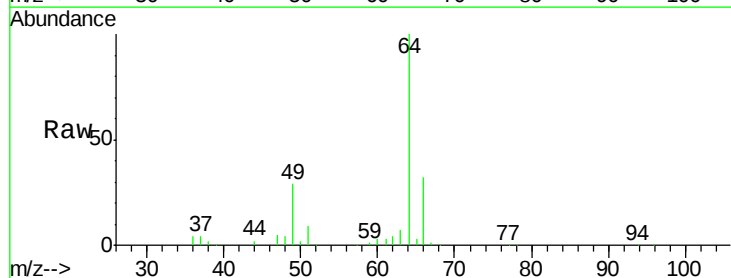
Acq: 09 Sep 2020 12:59

Tgt Ion: 64 Resp: 106733

Ion Ratio Lower Upper

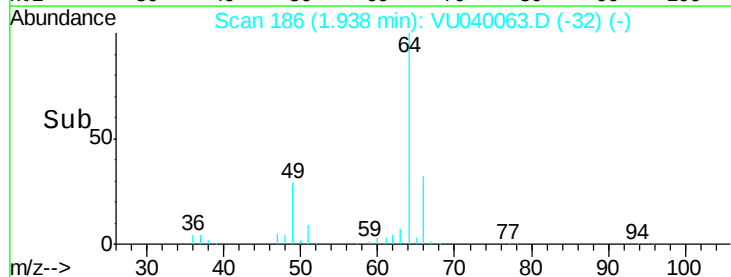
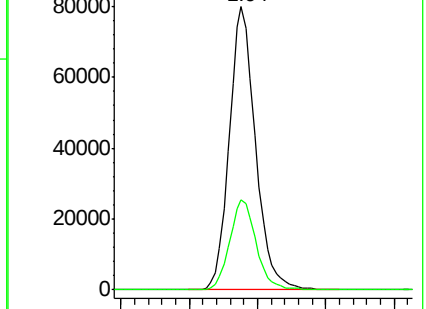
64 100

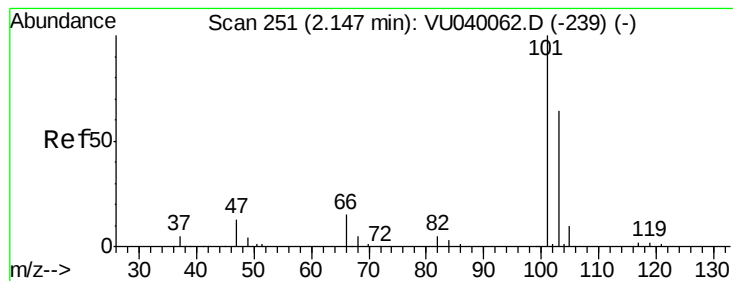
66 31.8 26.7 40.1



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

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



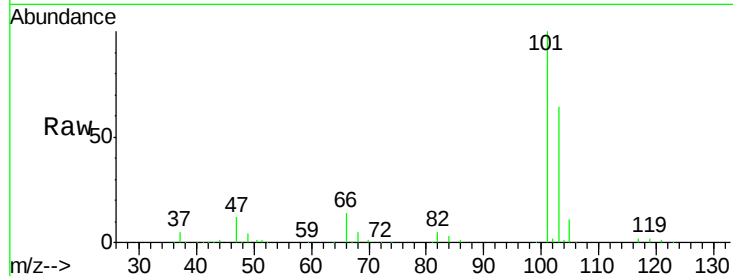


#7

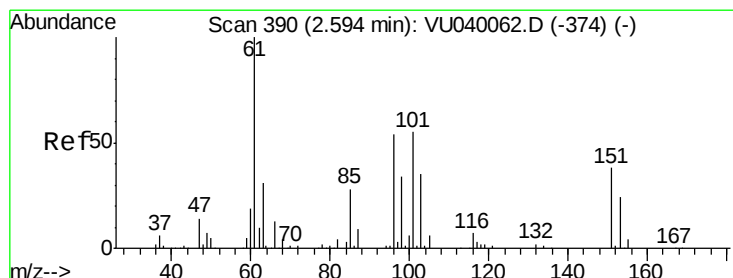
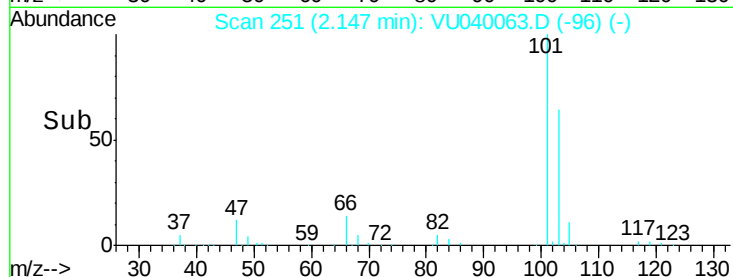
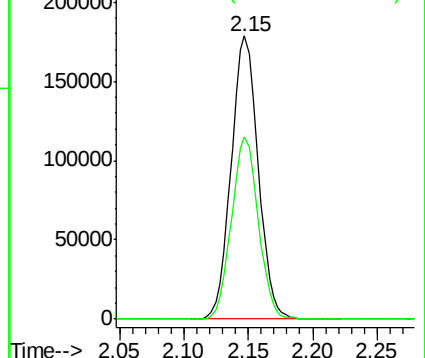
Trichlorofluoromethane
 Concen: 16.785 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 259123
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.8 76.2



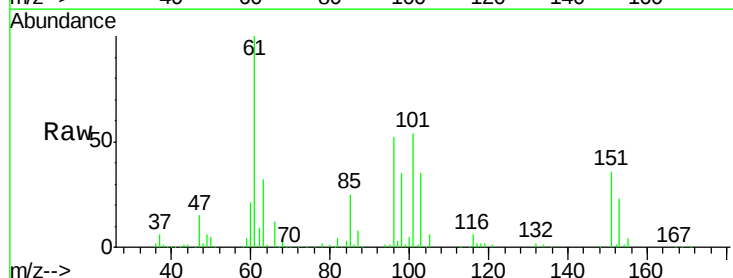
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



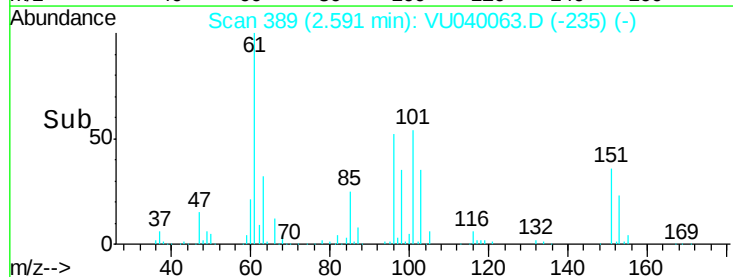
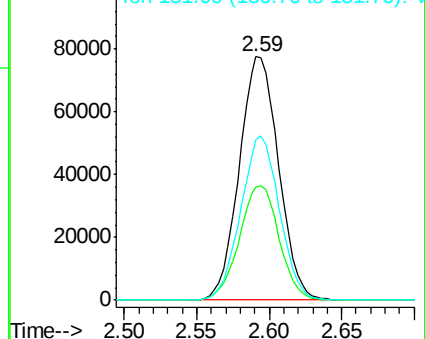
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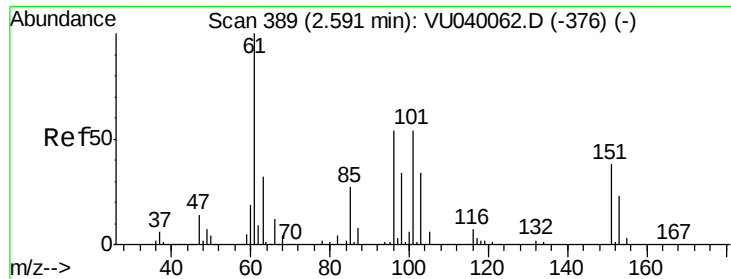
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.494 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion:101 Resp: 146198
 Ion Ratio Lower Upper
 101 100
 85 47.5 38.5 57.7
 151 66.5 54.6 81.8



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





#9

1,1-Dichloroethene

Concen: 15.194 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

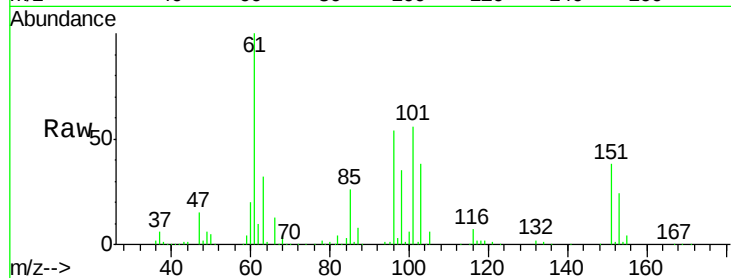
Tgt Ion: 96 Resp: 122355

Ion Ratio Lower Upper

96 100

61 183.6 0.0 557.1

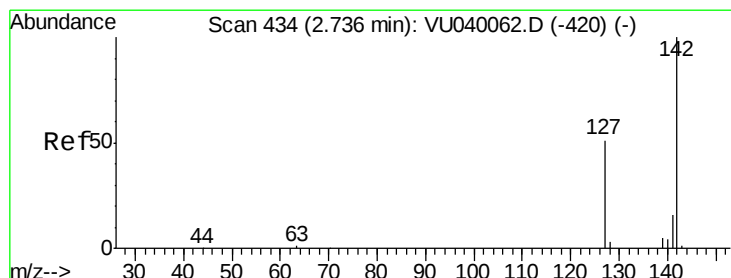
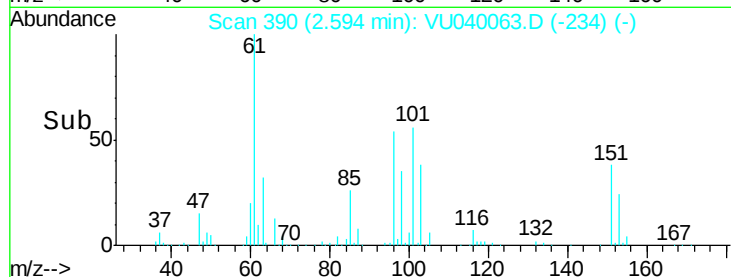
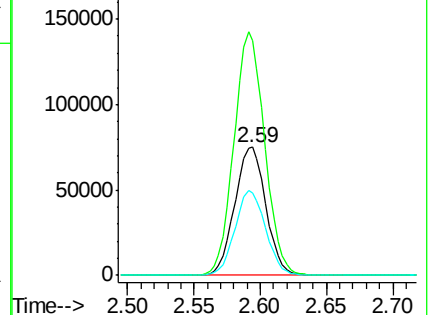
98 64.5 0.0 125.6



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

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

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



#10

Iodomethane

Concen: 19.851 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU040063.D

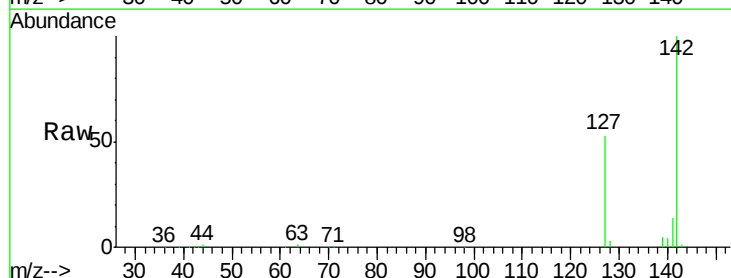
Acq: 09 Sep 2020 12:59

Tgt Ion: 142 Resp: 159150

Ion Ratio Lower Upper

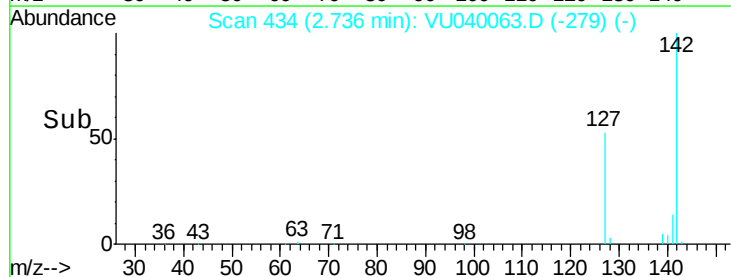
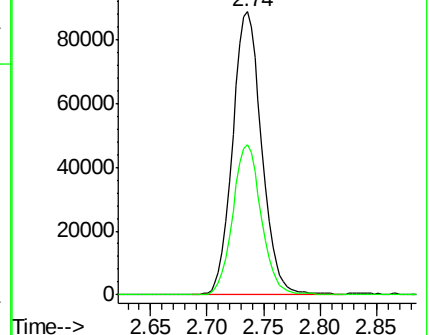
142 100

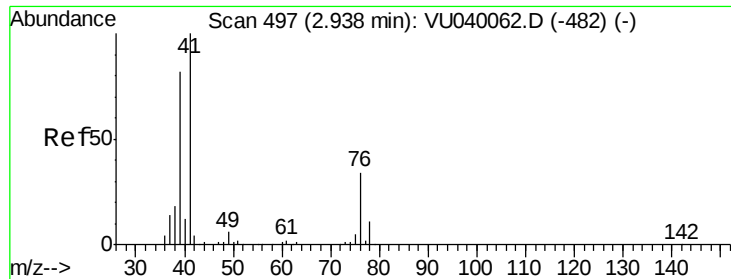
127 51.8 41.4 62.0



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

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

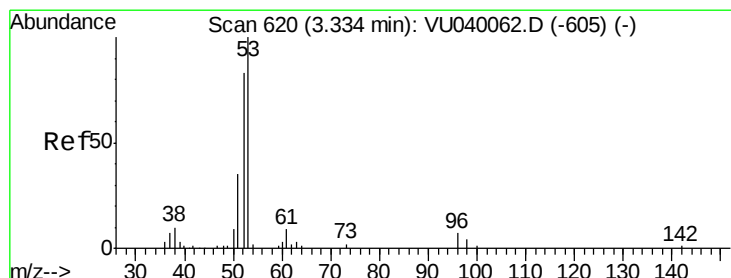
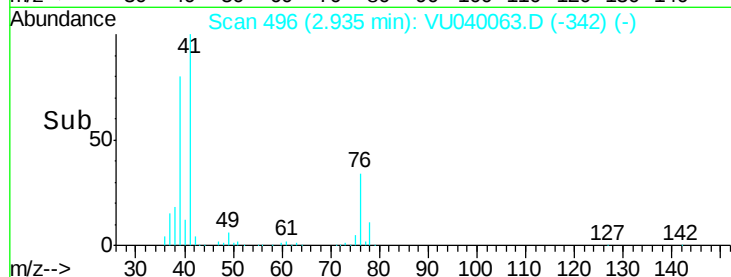
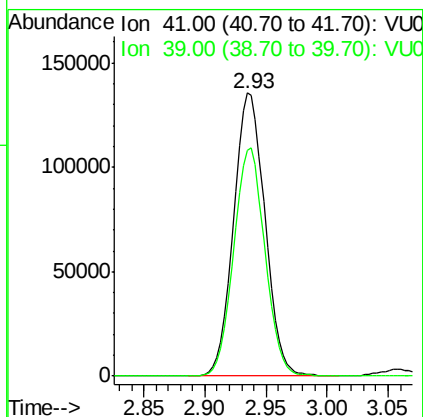
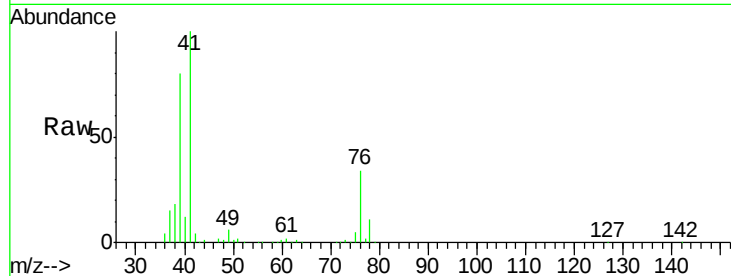




#11
 Allyl Chloride
 Concen: 14.116 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

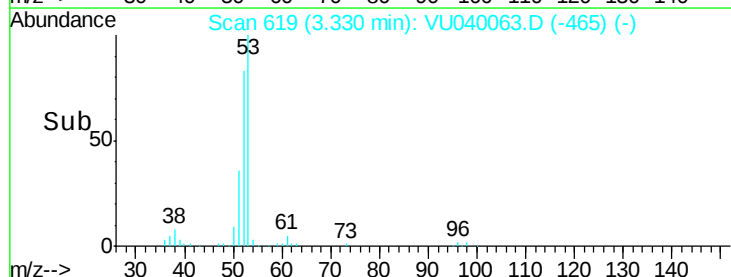
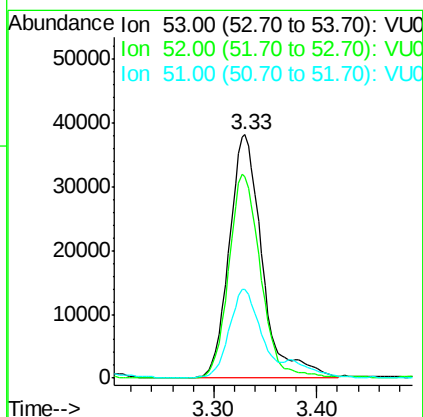
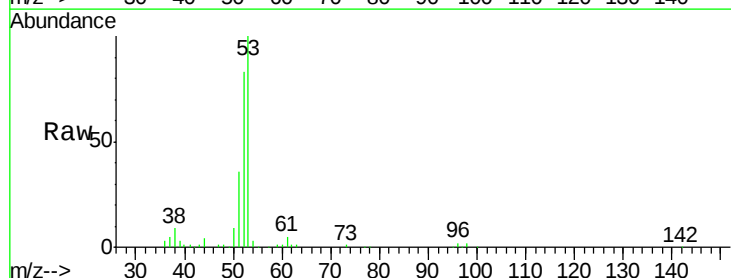
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

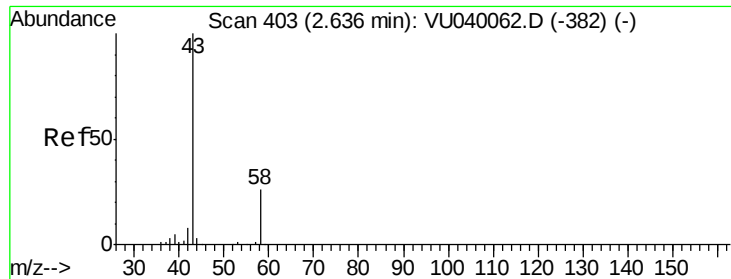
Tgt Ion: 41 Resp: 242414
 Ion Ratio Lower Upper
 41 100
 39 79.9 64.6 96.8



#12
 Acrylonitrile
 Concen: 30.221 ug/l
 RT: 3.33 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 53 Resp: 85576
 Ion Ratio Lower Upper
 53 100
 52 80.2 64.0 96.0
 51 34.2 28.2 42.2





#13

Acetone

Concen: 71.693 ug/l

RT: 2.63 min Scan# 402

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

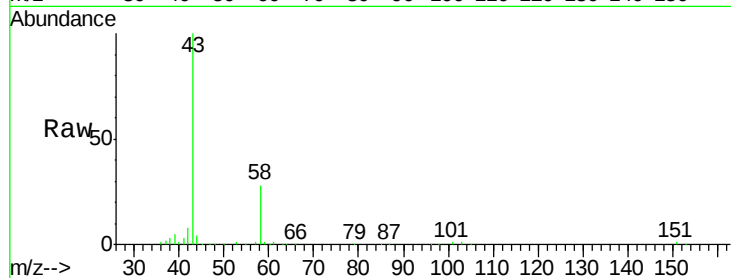
VSTDIC020

Tgt Ion: 43 Resp: 191264

Ion Ratio Lower Upper

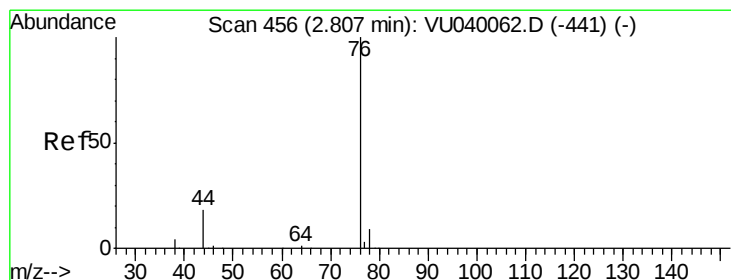
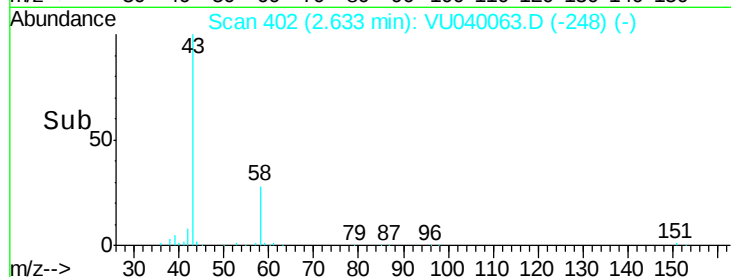
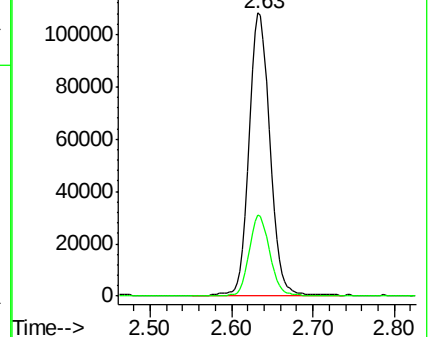
43 100

58 28.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VU040063.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VU040063.D (-248) (-)



#14

Carbon Disulfide

Concen: 11.931 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040063.D

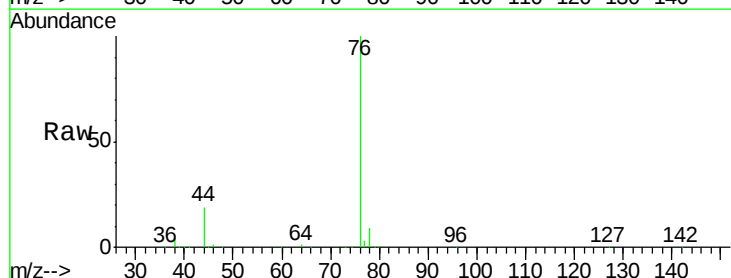
Acq: 09 Sep 2020 12:59

Tgt Ion: 76 Resp: 341233

Ion Ratio Lower Upper

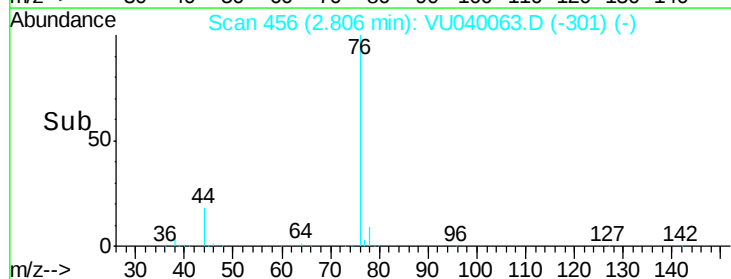
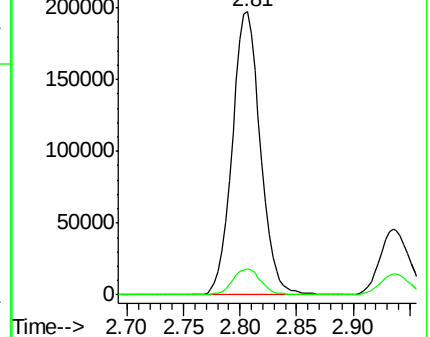
76 100

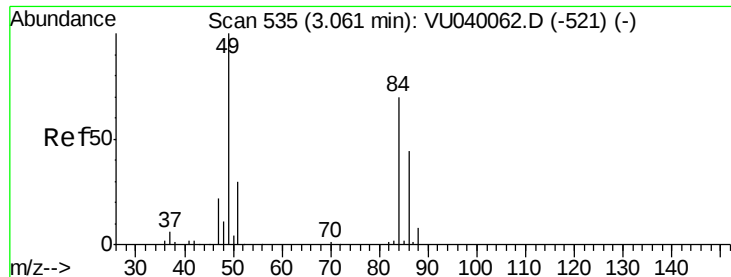
78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU040063.D (-301) (-)

Ion 78.00 (77.70 to 78.70): VU040063.D (-301) (-)

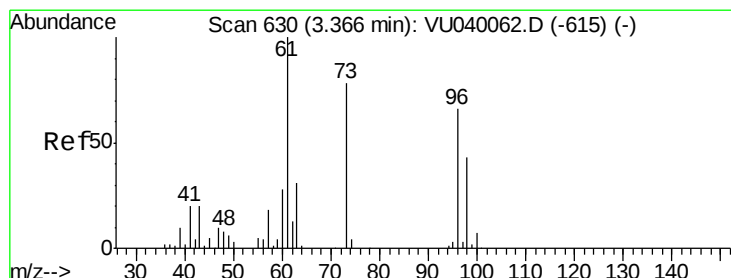
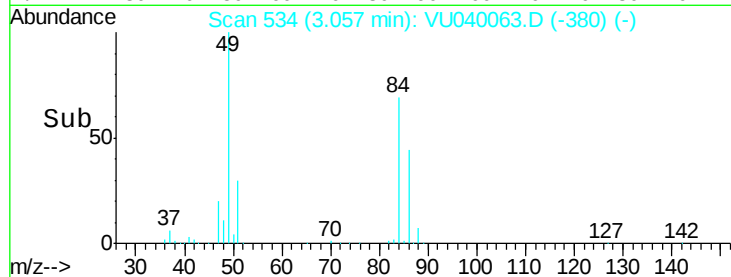
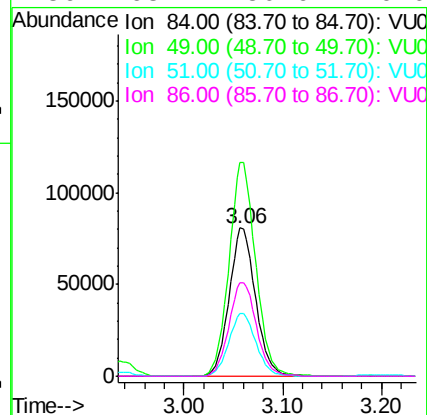
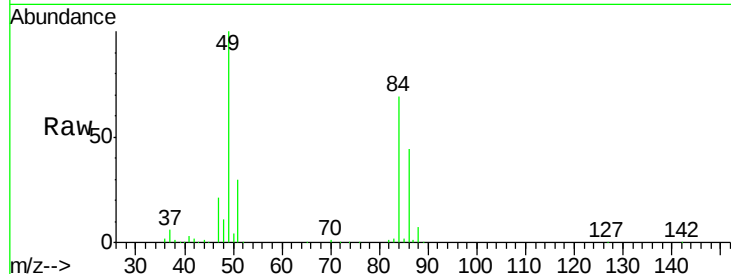




#15
Methylene Chloride
Concen: 13.375 ug/l
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

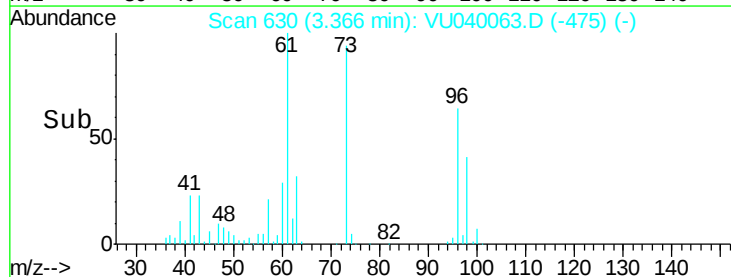
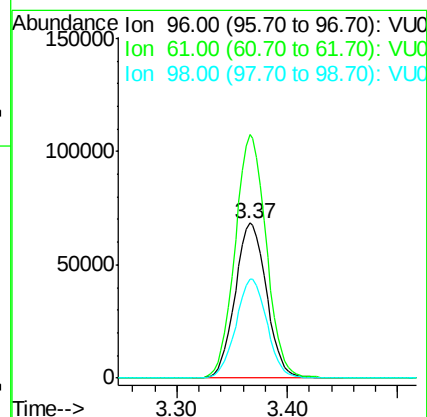
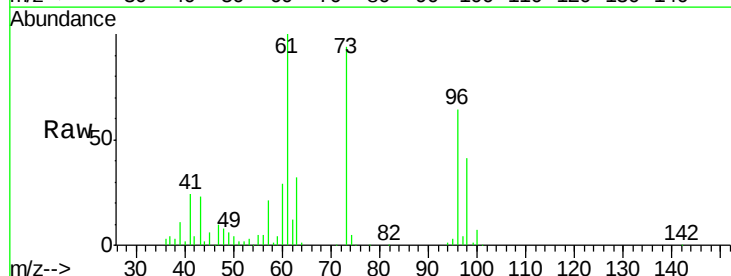
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

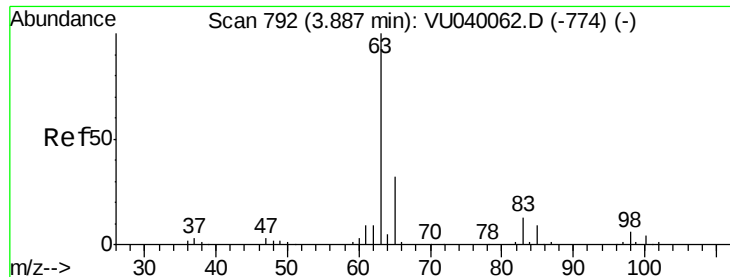
Tgt Ion:	84	Resp:	151361
Ion	Ratio	Lower	Upper
84	100		
49	144.3	114.3	171.5
51	42.6	0.0	84.6
86	63.4	50.6	76.0



#16
trans-1,2-Dichloroethene
Concen: 14.768 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion:	96	Resp:	135045
Ion	Ratio	Lower	Upper
96	100		
61	156.9	121.4	182.0
98	63.8	51.9	77.9

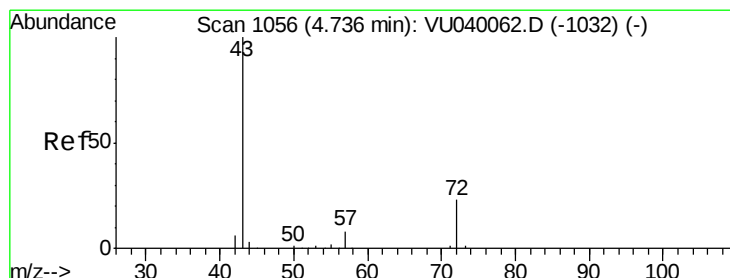
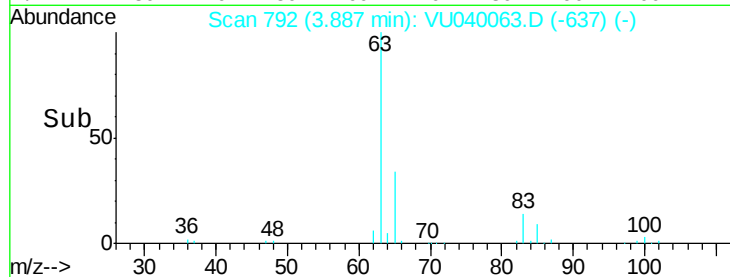
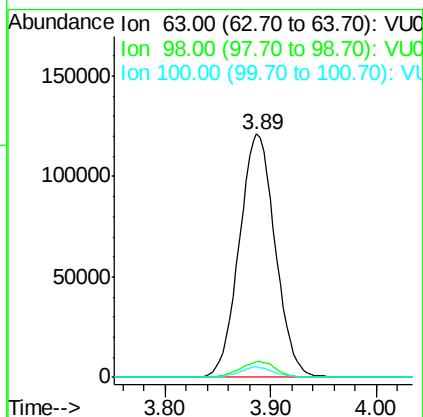
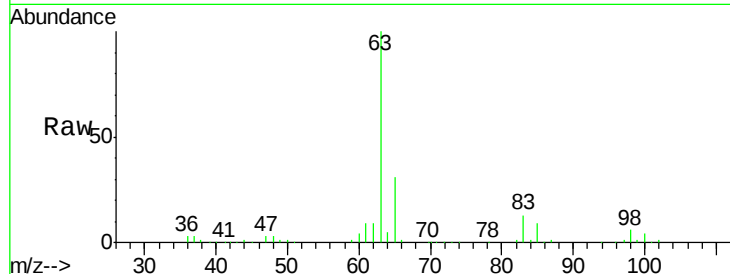




#17
 1,1-Dichloroethane
 Concen: 14.407 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

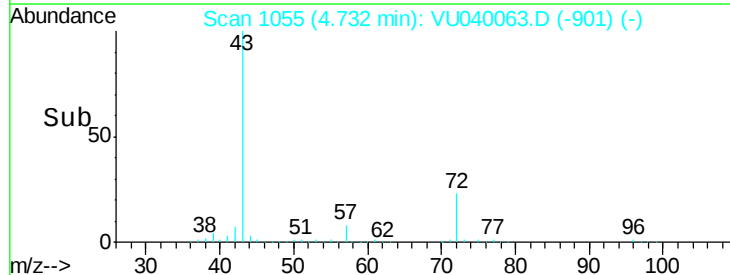
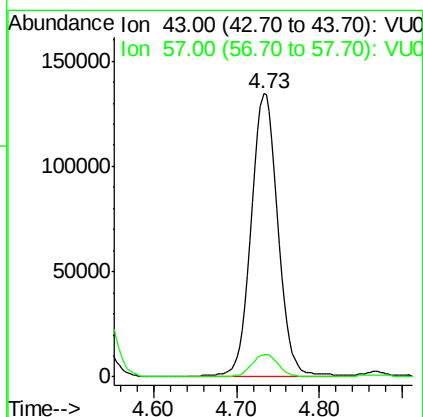
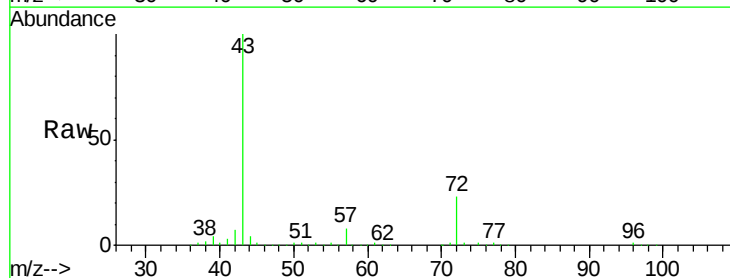
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

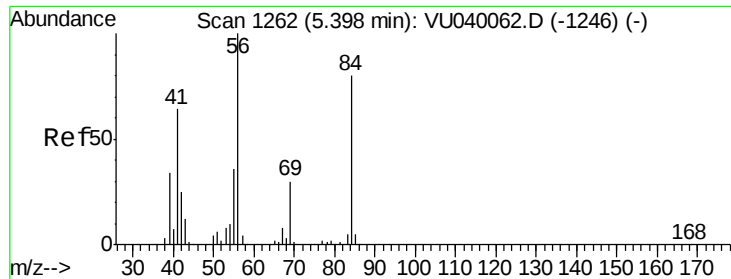
Tgt Ion: 63 Resp: 287141
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.3 2.0 5.8



#18
 2-Butanone
 Concen: 67.731 ug/l
 RT: 4.73 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 43 Resp: 298933
 Ion Ratio Lower Upper
 43 100
 57 7.8 0.0 15.2

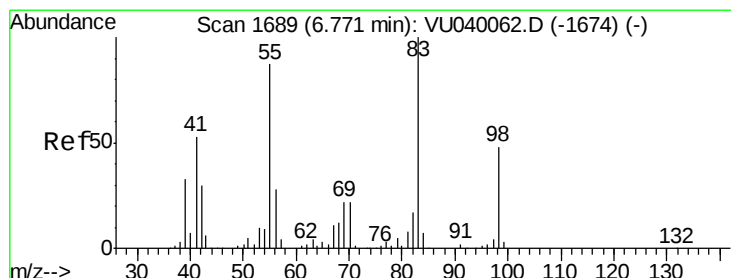
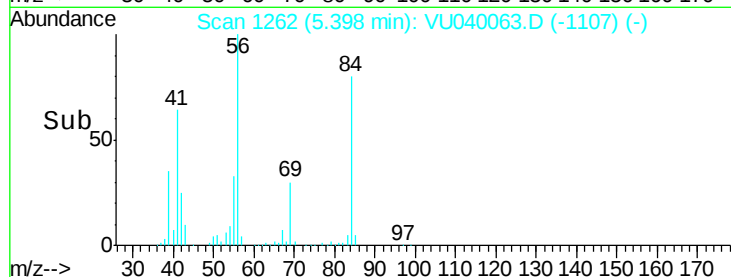
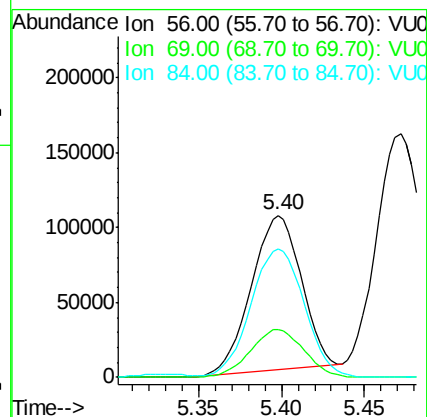
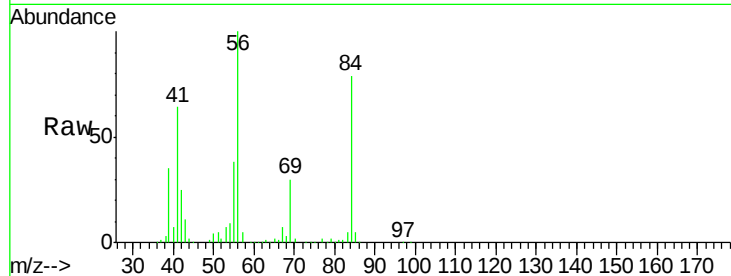




#19
Cyclohexane
Concen: 11.311 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

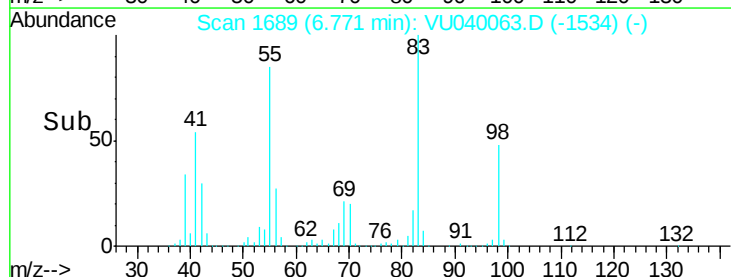
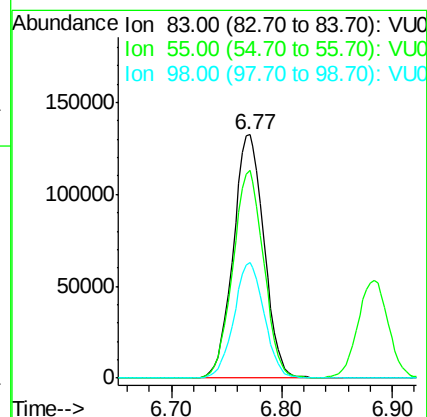
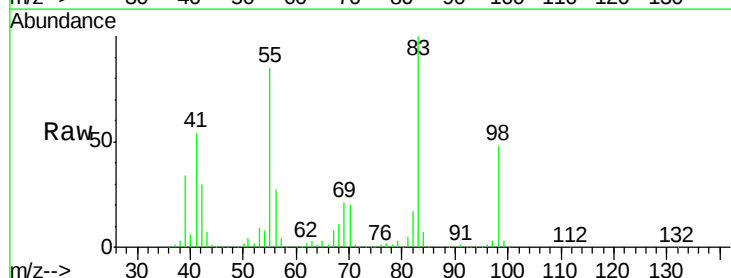
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

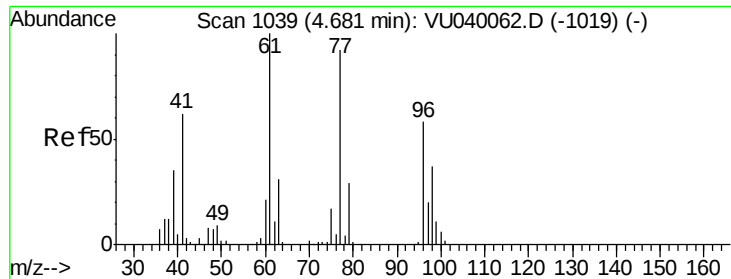
Tgt Ion: 56 Resp: 215368
Ion Ratio Lower Upper
56 100
69 33.2 23.5 35.3
84 88.0 63.8 95.6



#20
Methylcyclohexane
Concen: 17.724 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion: 83 Resp: 255501
Ion Ratio Lower Upper
83 100
55 85.2 69.4 104.2
98 46.9 37.5 56.3

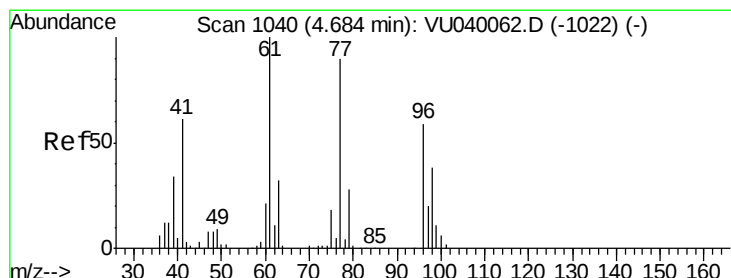
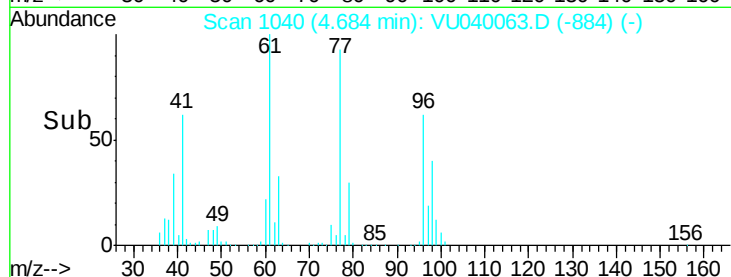
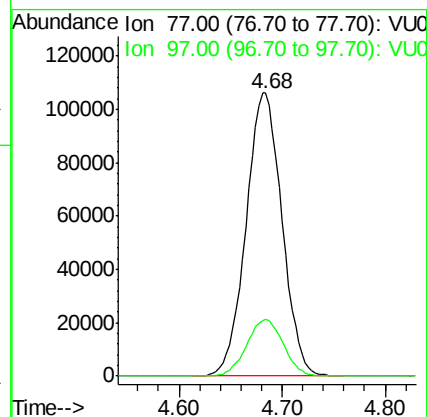
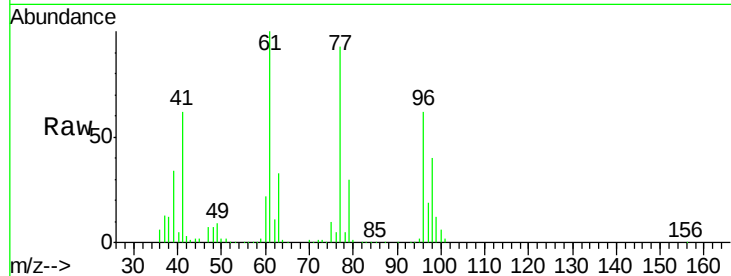




#21
 2,2-Dichloropropane
 Concen: 15.473 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

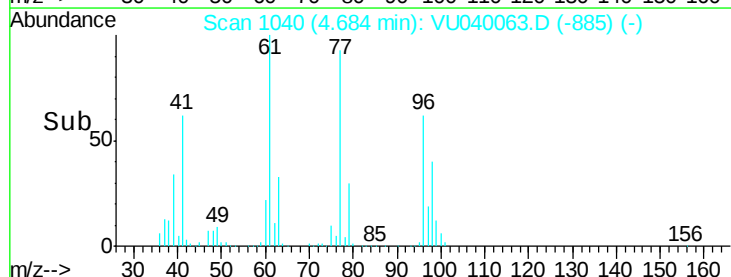
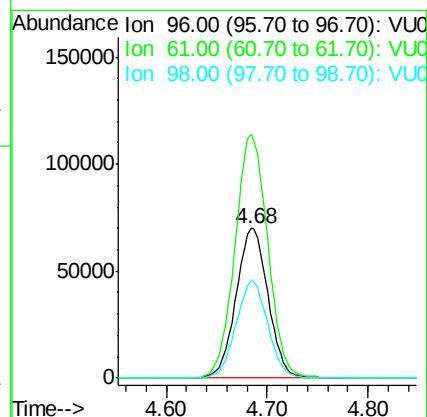
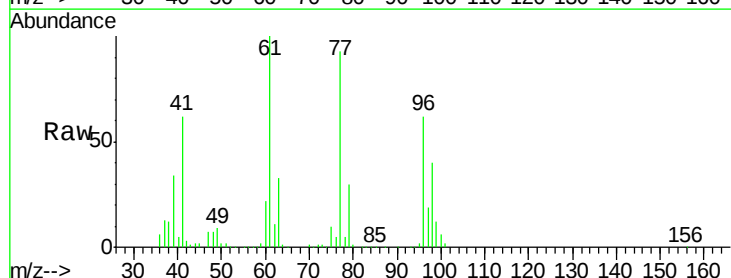
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

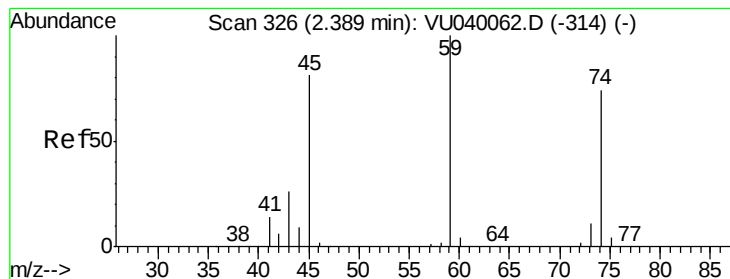
Tgt Ion: 77 Resp: 256362
 Ion Ratio Lower Upper
 77 100
 97 20.4 16.4 24.6



#22
 cis-1,2-Dichloroethene
 Concen: 15.555 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 96 Resp: 154247
 Ion Ratio Lower Upper
 96 100
 61 166.0 0.0 420.0
 98 64.3 31.8 95.3





#23

Diethyl Ether

Concen: 14.790 ug/l

RT: 2.39 min Scan# 325

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

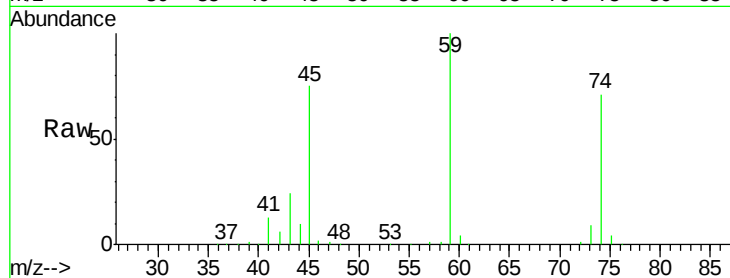
Tgt Ion: 59 Resp: 120743

Ion Ratio Lower Upper

59 100

45 74.6 62.4 93.6

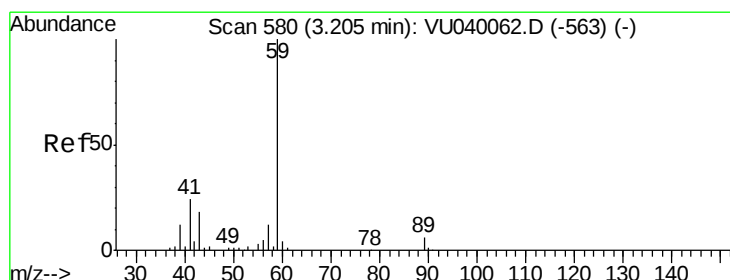
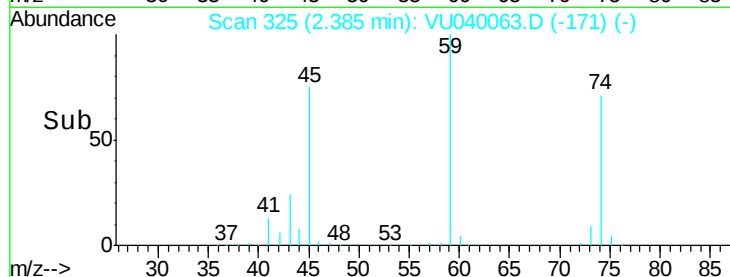
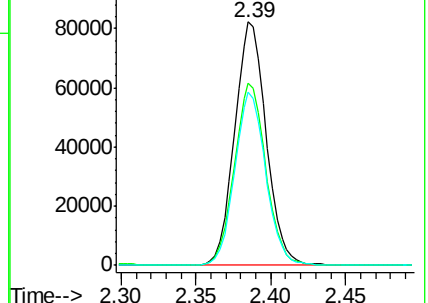
74 70.1 57.7 86.5



Abundance Ion 59.00 (58.70 to 59.70): VU040062.D (-314) (-)

Ion 45.00 (44.70 to 45.70): VU040062.D (-314) (-)

Ion 74.00 (73.70 to 74.70): VU040062.D (-314) (-)



#24

tert-Butyl Alcohol

Concen: 103.415 ug/l

RT: 3.20 min Scan# 578

Delta R.T. -0.01 min

Lab File: VU040063.D

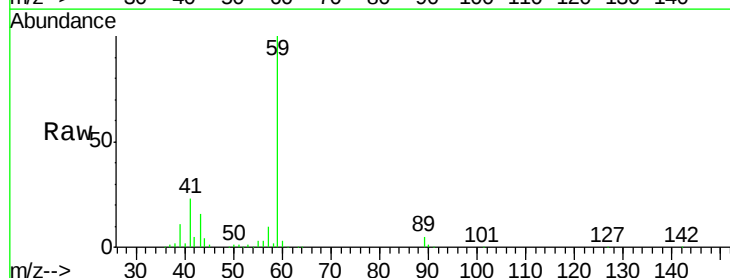
Acq: 09 Sep 2020 12:59

Tgt Ion: 59 Resp: 153405

Ion Ratio Lower Upper

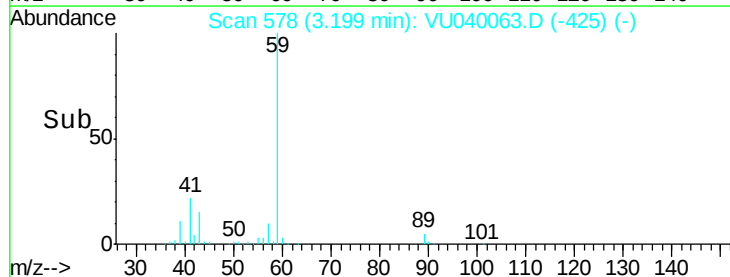
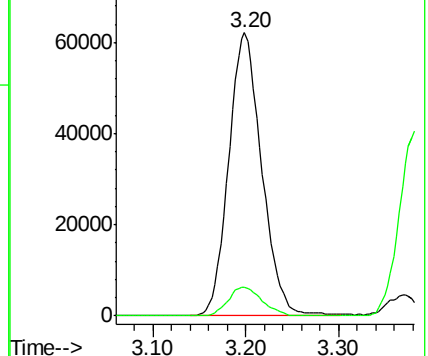
59 100

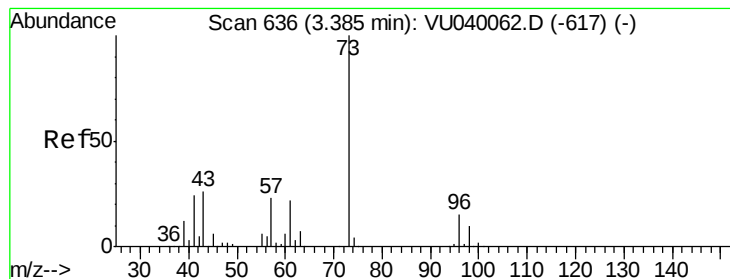
57 10.3 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VU040062.D (-563) (-)

Ion 57.00 (56.70 to 57.70): VU040062.D (-563) (-)





#25

Methyl tert-Butyl Ether

Concen: 16.085 ug/l

RT: 3.38 min Scan# 635

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

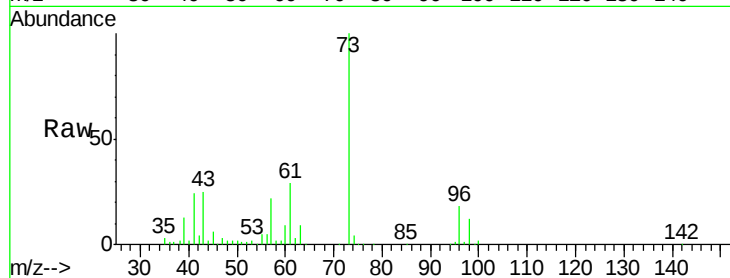
VSTDIC020

Tgt Ion: 73 Resp: 423521

Ion Ratio Lower Upper

73 100

43 24.8 20.0 30.0



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

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

3.38

200000

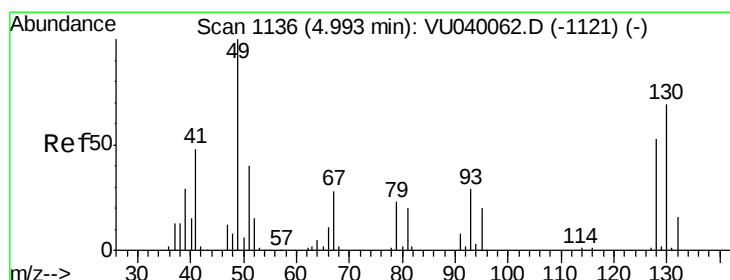
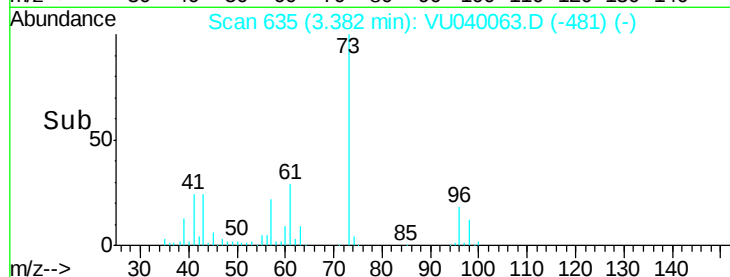
150000

100000

50000

0

Time-->



#26

Bromochloromethane

Concen: 16.668 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

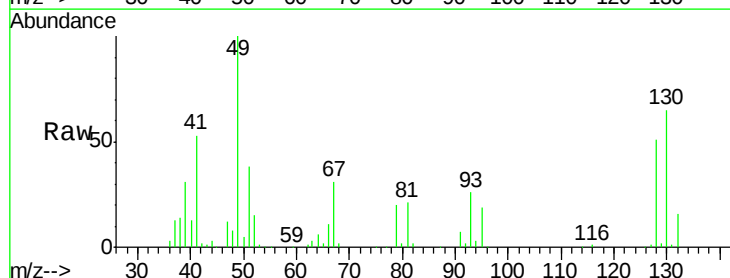
Tgt Ion: 128 Resp: 68293

Ion Ratio Lower Upper

128 100

49 199.1 0.0 390.6

130 126.5 104.9 157.3



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

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

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

4.99

80000

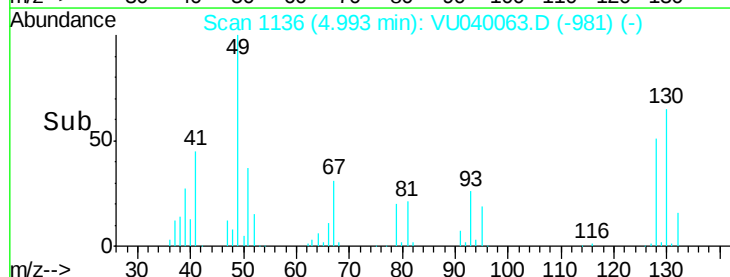
60000

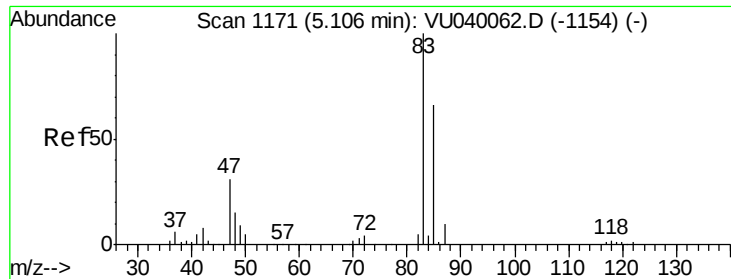
40000

20000

0

Time-->





#27

Chloroform

Concen: 15.432 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

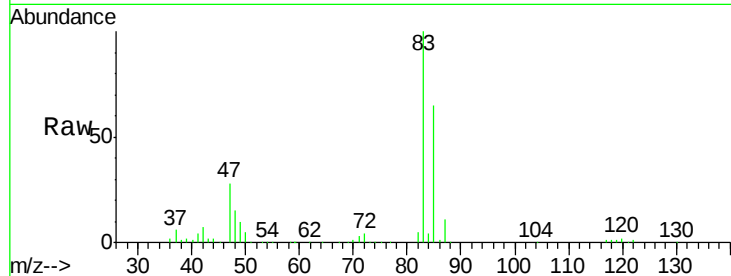
VSTDIC020

Tgt Ion: 83 Resp: 291827

Ion Ratio Lower Upper

83 100

85 65.1 0.0 132.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

150000

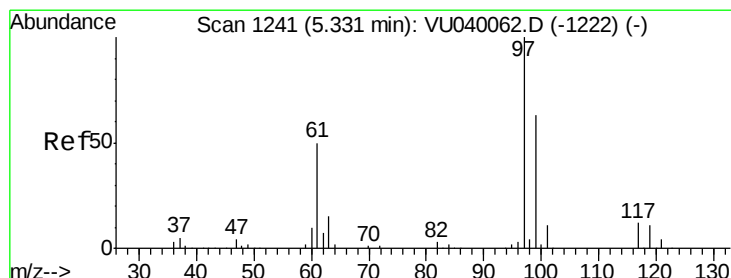
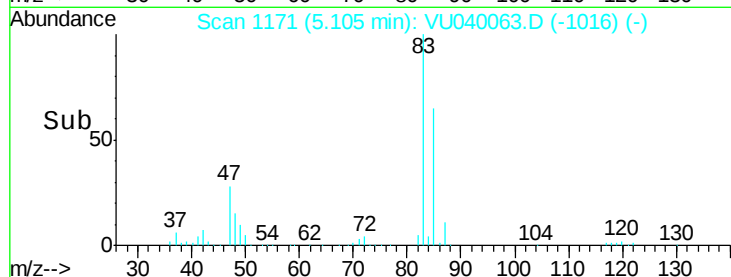
100000

50000

0

5.00 5.10 5.20

Time-->



#28

1,1,1-Trichloroethane

Concen: 16.443 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

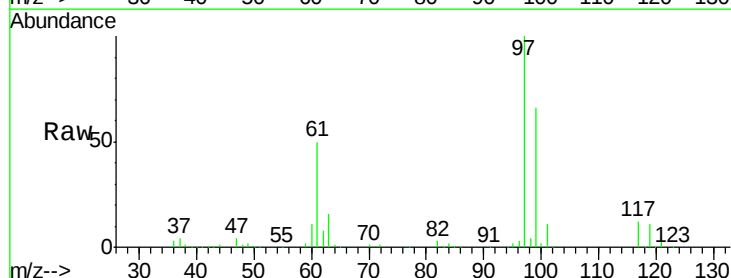
Tgt Ion: 97 Resp: 254462

Ion Ratio Lower Upper

97 100

99 64.7 31.8 95.4

61 50.1 25.1 75.2



Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

150000

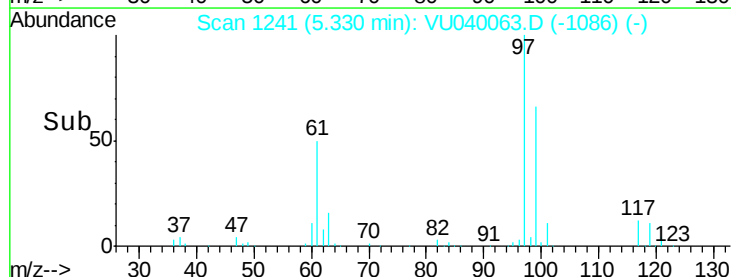
100000

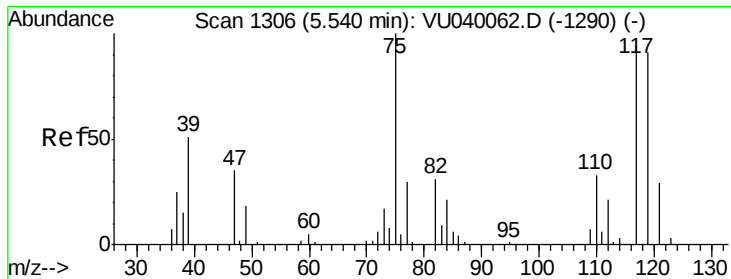
50000

0

5.20 5.30 5.40

Time-->

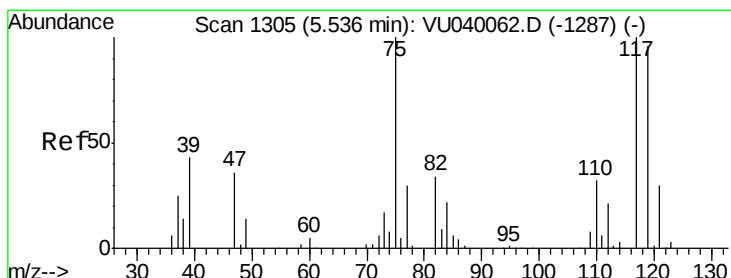
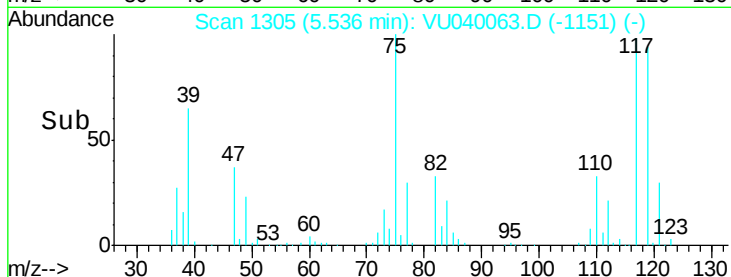
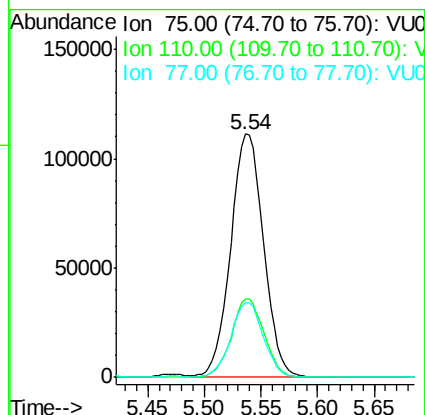
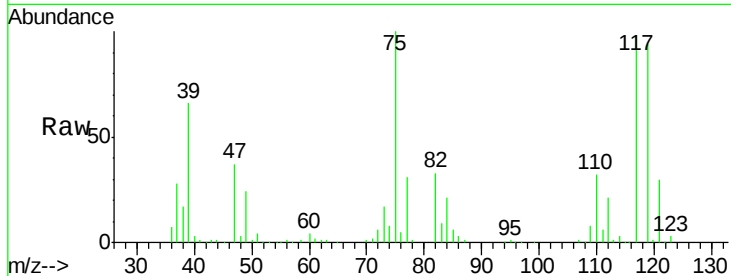




#29
 1,1-Dichloropropene
 Concen: 15.262 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

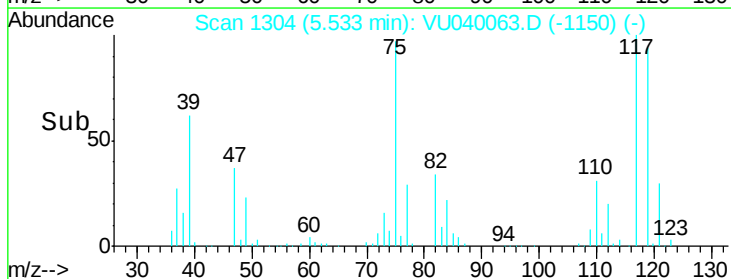
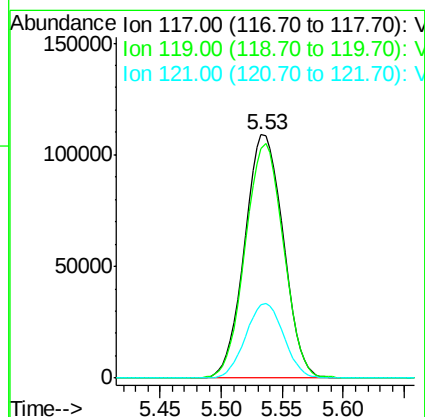
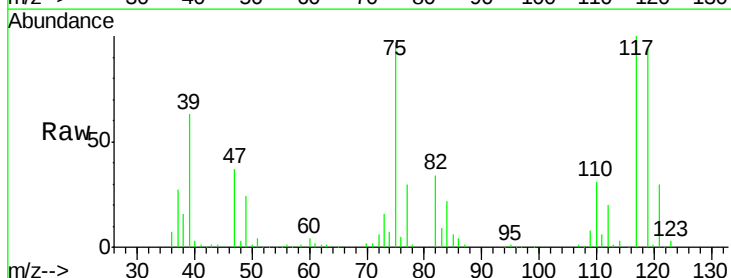
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

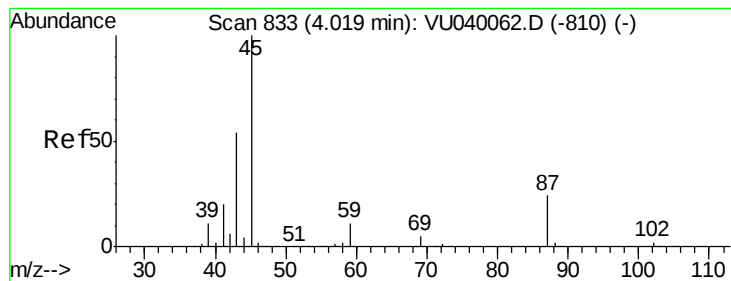
Tgt Ion: 75 Resp: 223900
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.2 48.6
 77 30.4 25.3 37.9



#30
 Carbon Tetrachloride
 Concen: 18.563 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 117 Resp: 238692
 Ion Ratio Lower Upper
 117 100
 119 94.4 77.0 115.4
 121 29.9 24.2 36.4





#31

Isopropyl Ether

Concen: 14.116 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

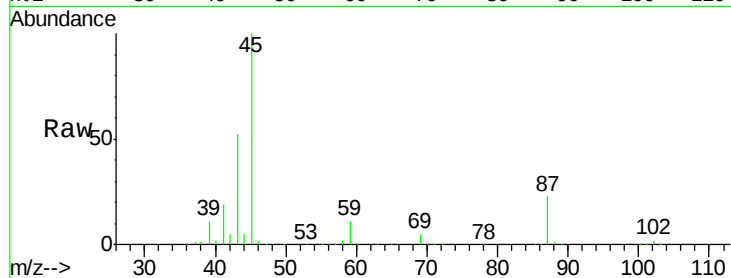
VSTDIC020

Tgt Ion: 45 Resp: 511046

Ion Ratio Lower Upper

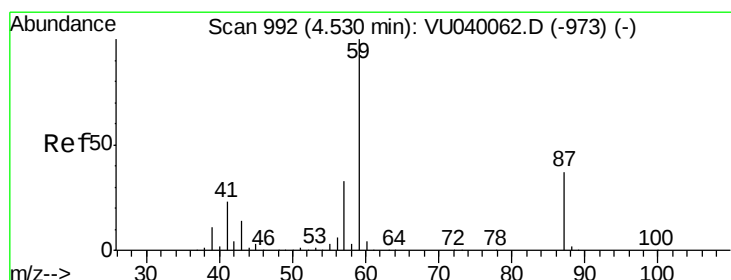
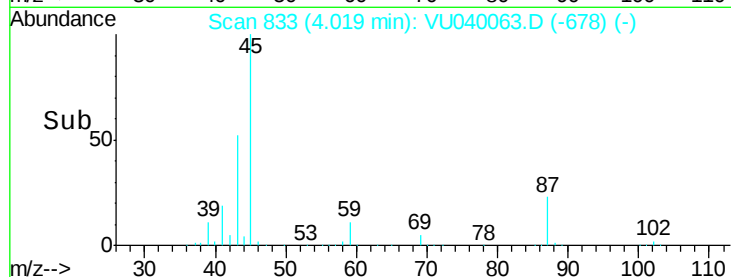
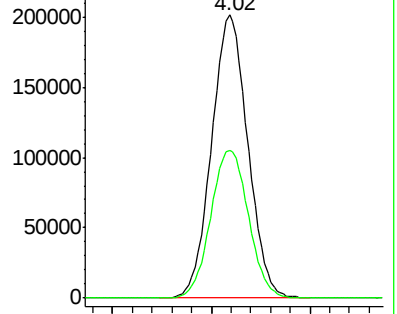
45 100

43 54.2 27.9 83.7



Abundance Ion 45.00 (44.70 to 45.70): VU040063.D (-678) (-)

Ion 43.00 (42.70 to 43.70): VU040063.D (-678) (-)



#32

Ethyl-t-butyl ether

Concen: 15.081 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040063.D

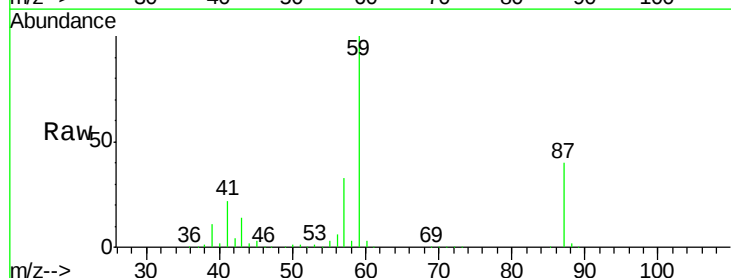
Acq: 09 Sep 2020 12:59

Tgt Ion: 59 Resp: 469029

Ion Ratio Lower Upper

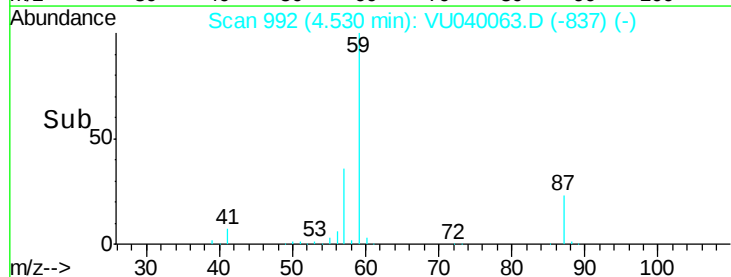
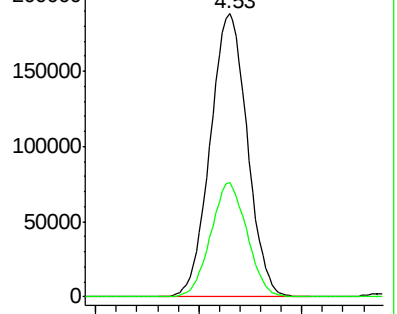
59 100

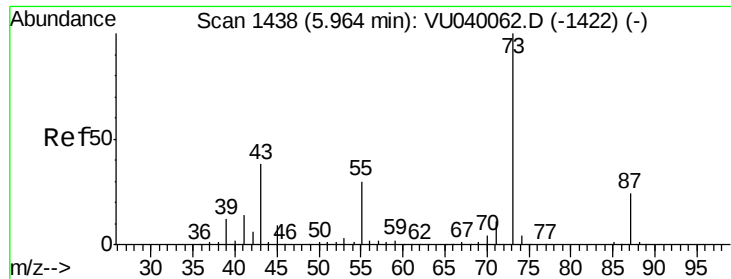
87 39.5 30.7 46.1



Abundance Ion 59.00 (58.70 to 59.70): VU040063.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040063.D (-837) (-)

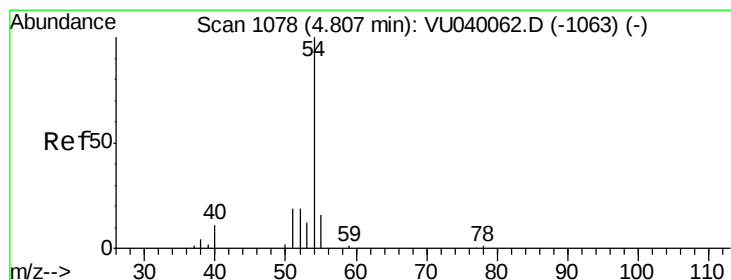
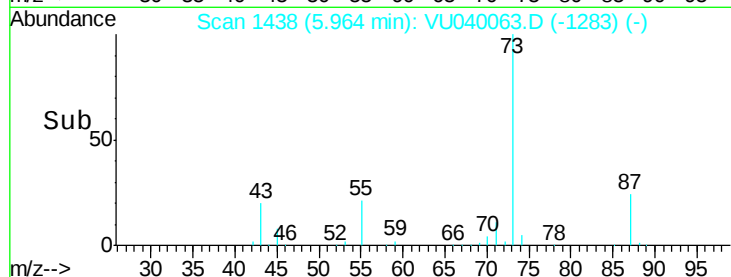
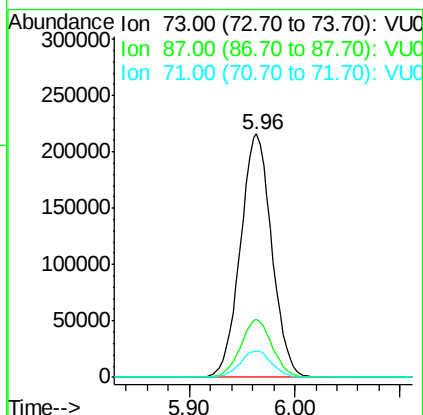
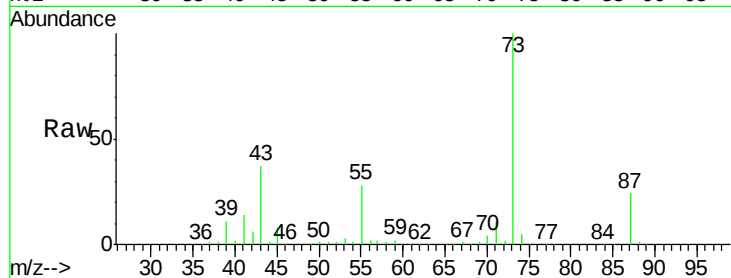




#33
Tert-Amyl methyl ether
Concen: 19.250 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

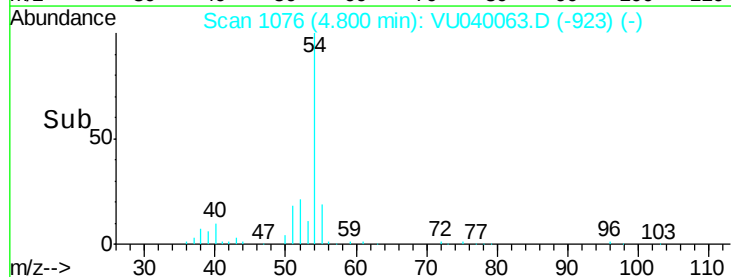
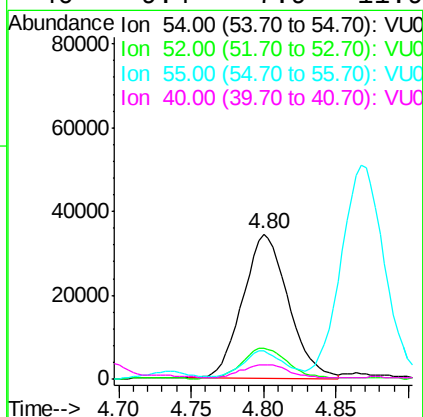
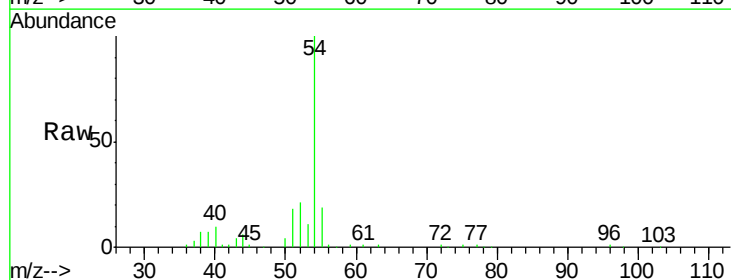
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

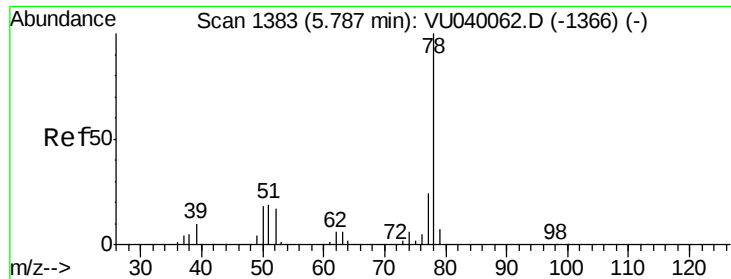
Tgt Ion: 73 Resp: 443707
Ion Ratio Lower Upper
73 100
87 24.0 19.4 29.0
71 11.0 9.2 13.8



#34
Propionitrile
Concen: 69.227 ug/l
RT: 4.80 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion: 54 Resp: 75554
Ion Ratio Lower Upper
54 100
52 21.2 16.2 24.4
55 16.8 12.6 18.8
40 9.4 7.9 11.9





#35

Benzene

Concen: 16.997 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

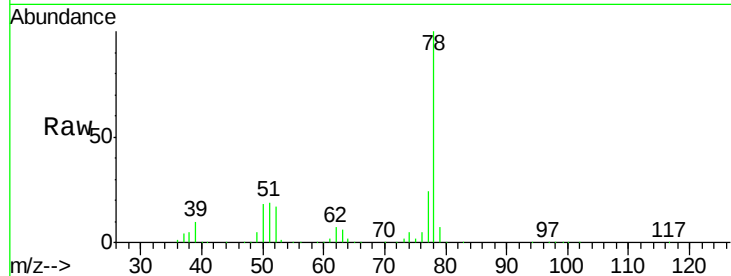
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 78 Resp: 628069

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU040063.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU040063.D (-1228) (-)

5.79

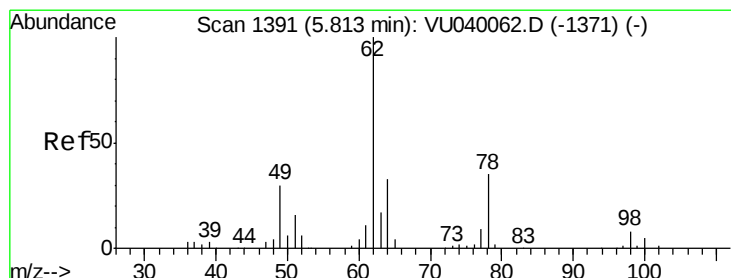
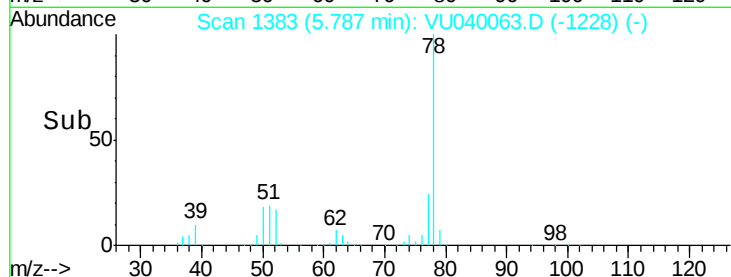
300000

200000

100000

0

Time-->



#36

1,2-Dichloroethane

Concen: 17.059 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040063.D

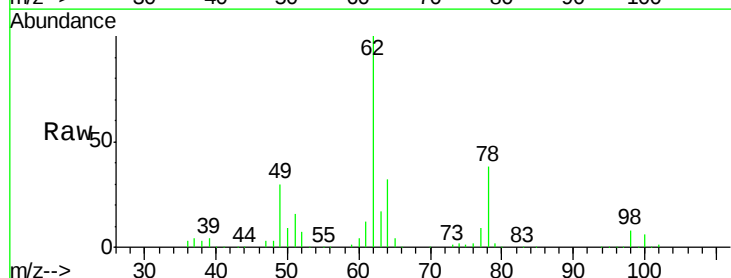
Acq: 09 Sep 2020 12:59

Tgt Ion: 62 Resp: 237026

Ion Ratio Lower Upper

62 100

98 7.9 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU040063.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU040063.D (-1236) (-)

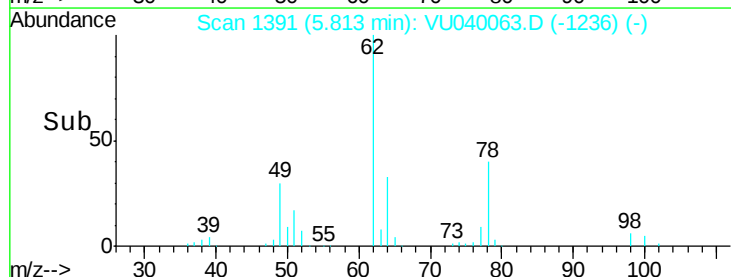
5.81

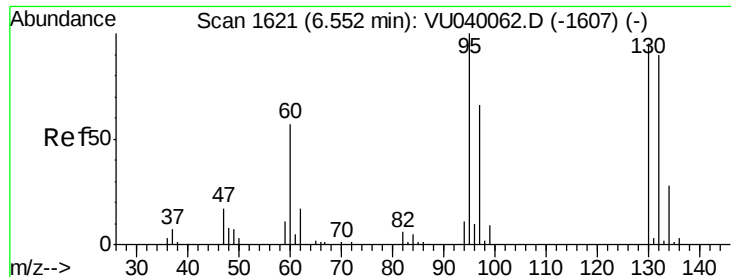
100000

50000

0

Time-->

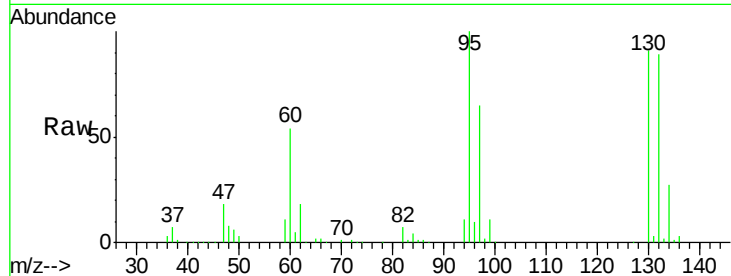




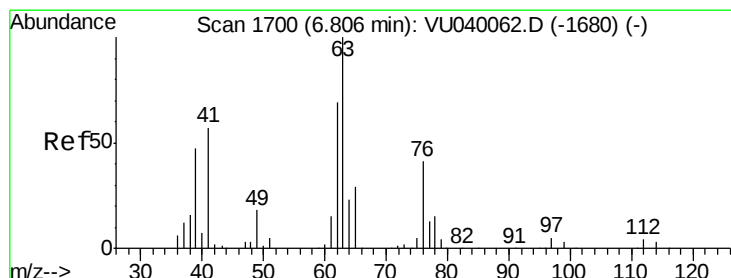
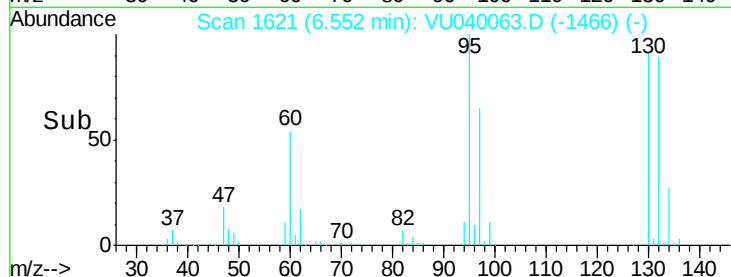
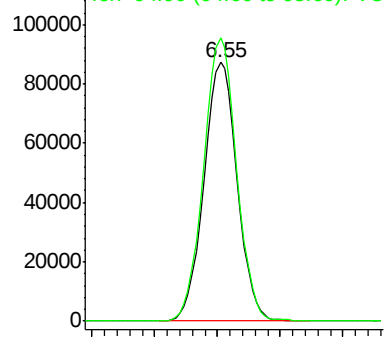
#37
 Trichloroethene
 Concen: 18.813 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 130 Resp: 160792
 Ion Ratio Lower Upper
 130 100
 95 109.3 84.2 126.2

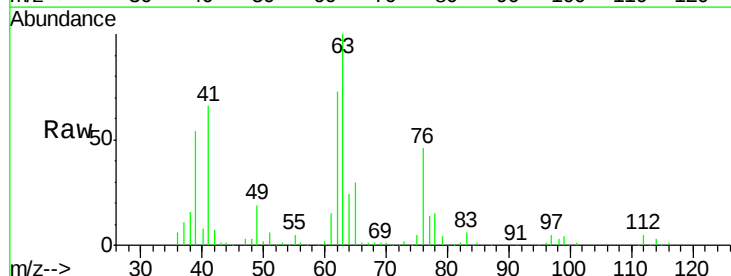


Abundance Ion 129.90 (129.60 to 130.60): VU040062.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU040062.D (-1607) (-)

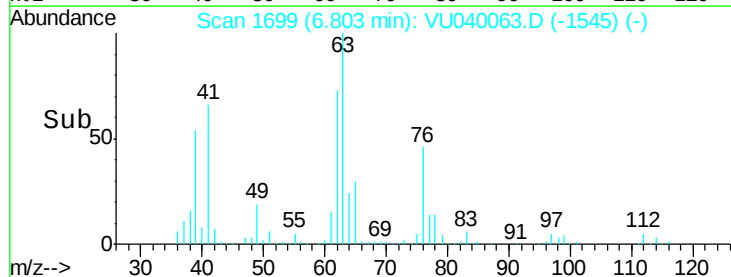
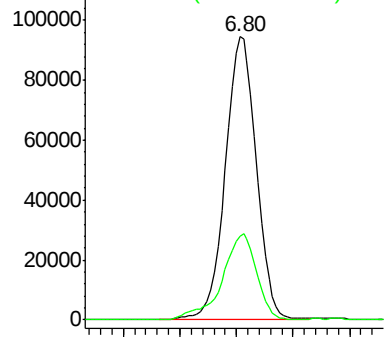


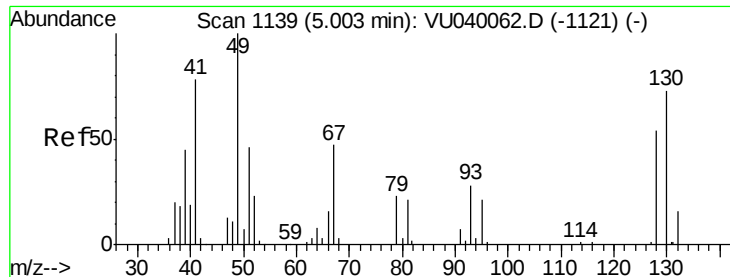
#38
 1,2-Dichloropropane
 Concen: 17.713 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 63 Resp: 179987
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.0 34.6



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

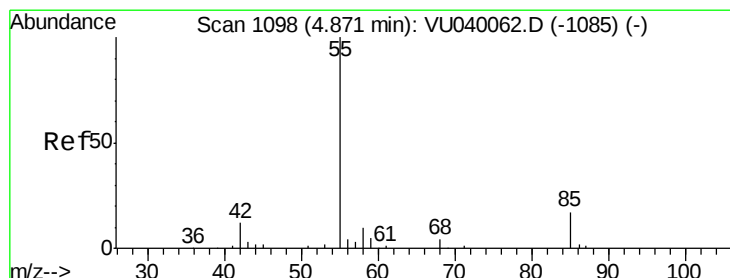
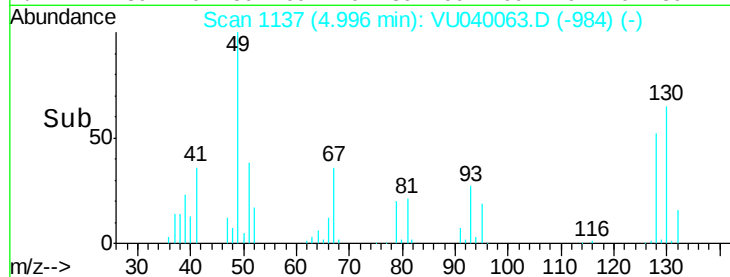
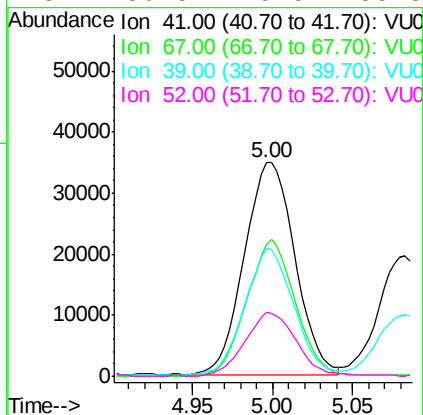
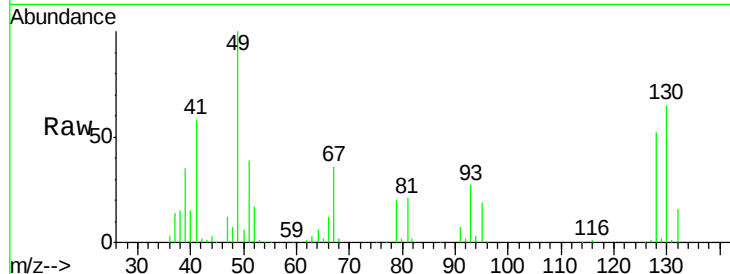




#39
Methacrylonitrile
Concen: 13.032 ug/l
RT: 5.00 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

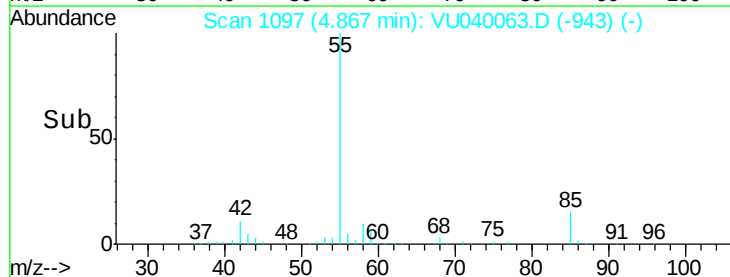
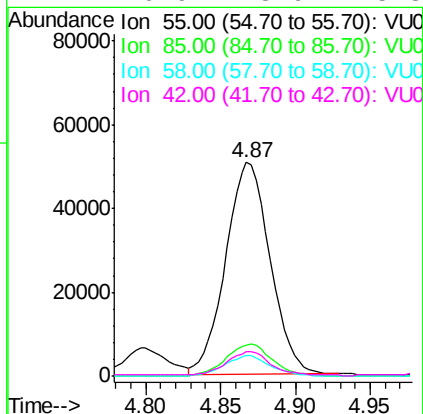
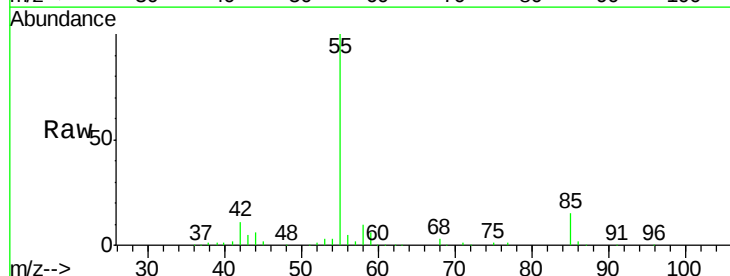
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

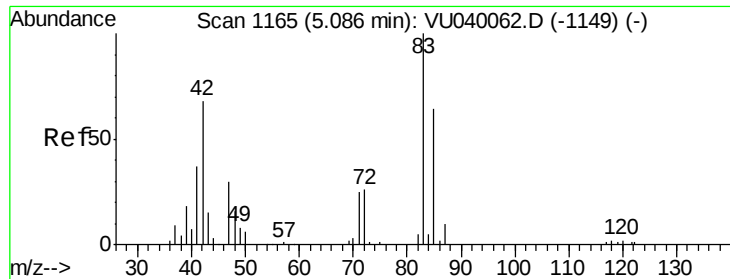
Tgt Ion:	41	Resp:	75552
Ion	Ratio	Lower	Upper
41	100		
67	62.0	49.2	73.8
39	58.4	46.5	69.7
52	30.5	25.5	38.3



#40
Methyl acrylate
Concen: 14.054 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion:	55	Resp:	104168
Ion	Ratio	Lower	Upper
55	100		
85	15.6	13.3	19.9
58	9.8	7.5	11.3
42	10.9	8.9	13.3

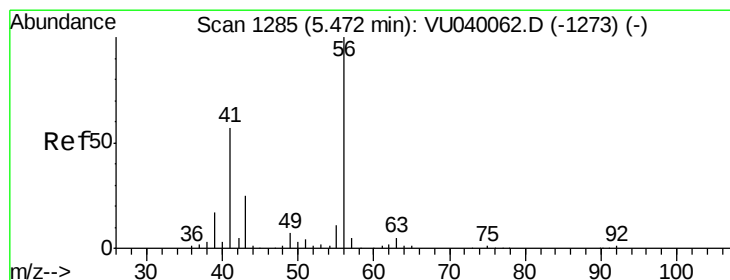
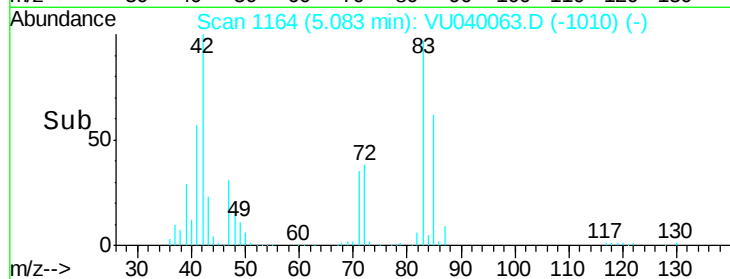
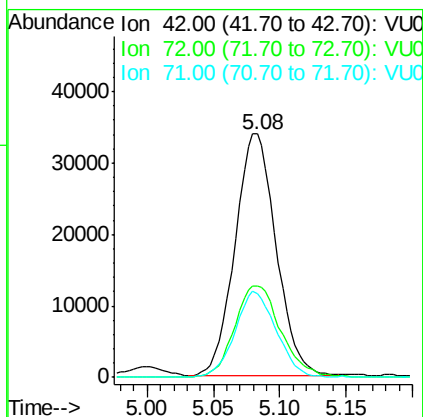
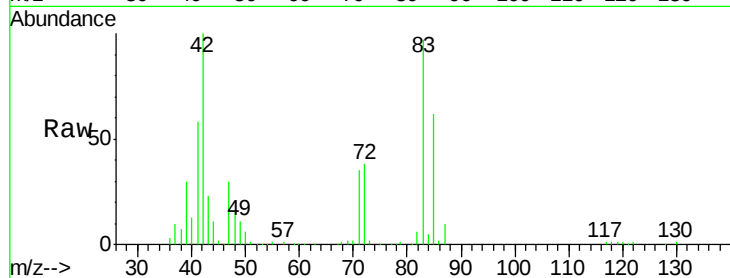




#41
Tetrahydrofuran
Concen: 25.227 ug/l
RT: 5.08 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

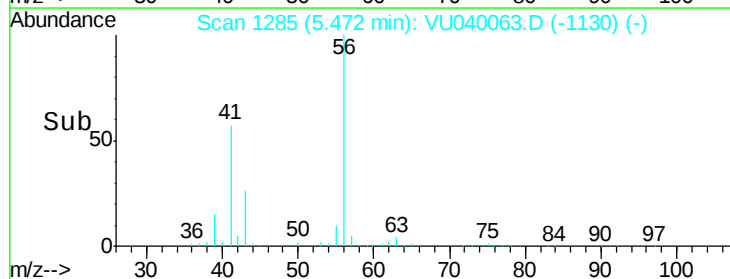
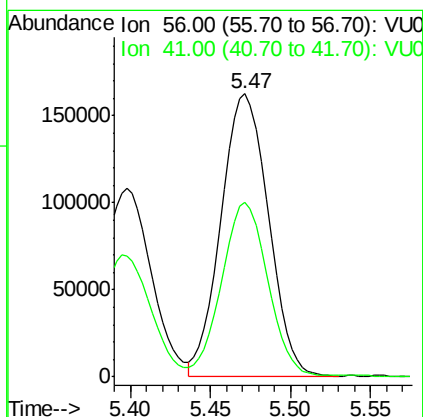
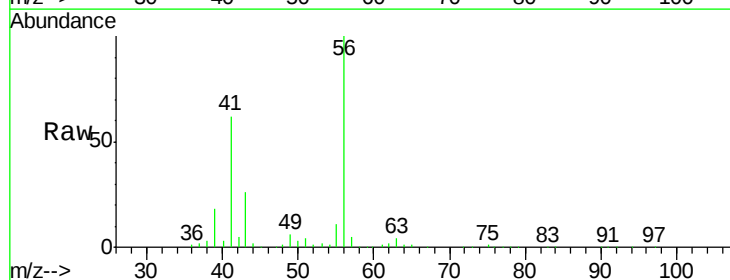
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

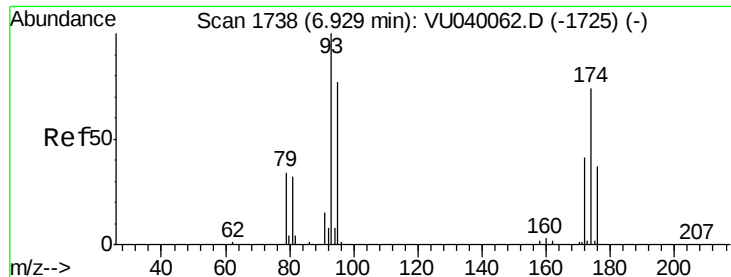
Tgt Ion: 42 Resp: 72902
Ion Ratio Lower Upper
42 100
72 42.7 33.8 50.6
71 35.7 30.9 46.3



#42
1-Chlorobutane
Concen: 14.378 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion: 56 Resp: 328910
Ion Ratio Lower Upper
56 100
41 59.9 29.2 87.6





#43

Dibromomethane

Concen: 18.251 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

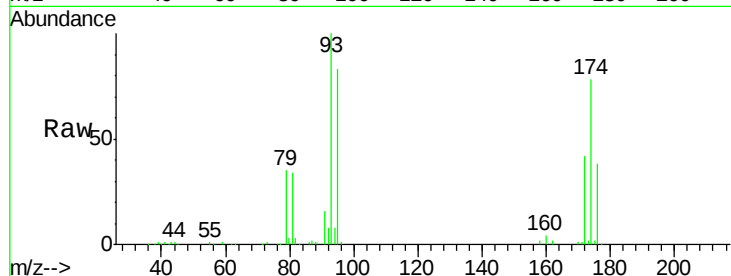
Tgt Ion: 93 Resp: 101241

Ion Ratio Lower Upper

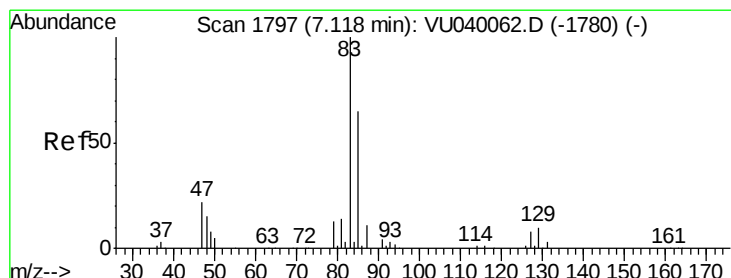
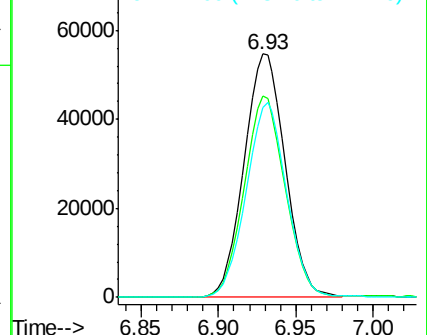
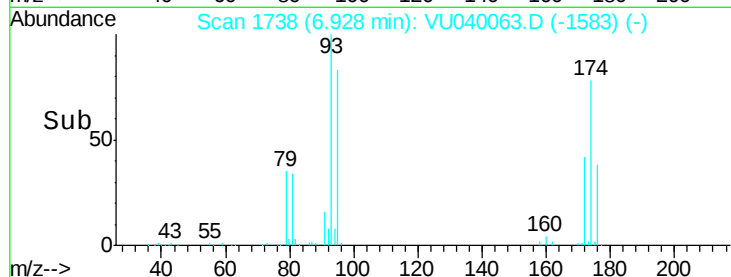
93 100

95 82.9 63.3 94.9

174 78.8 63.5 95.3



Abundance Ion 93.00 (92.70 to 93.70): VU040063.D (-1583) (-)



#44

Bromodichloromethane

Concen: 19.671 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

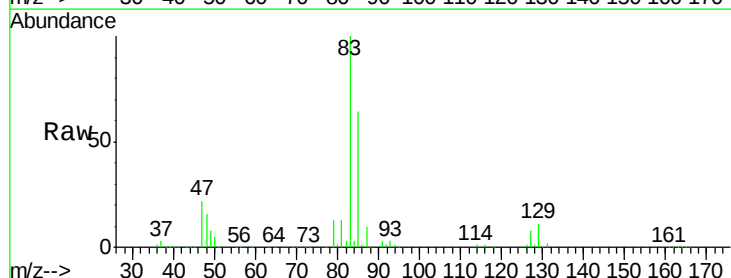
Tgt Ion: 83 Resp: 249753

Ion Ratio Lower Upper

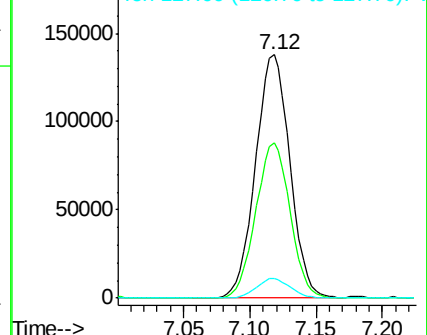
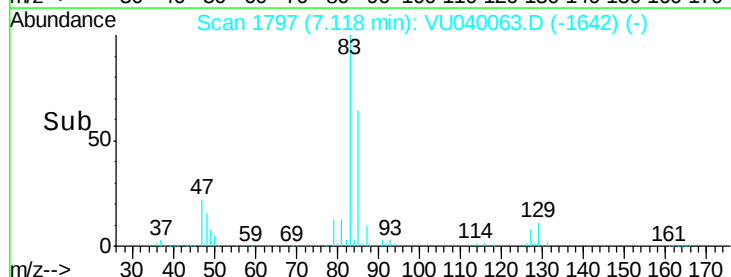
83 100

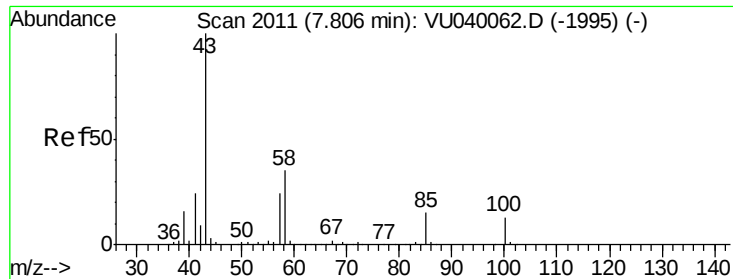
85 63.6 52.1 78.1

127 7.9 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VU040063.D (-1642) (-)

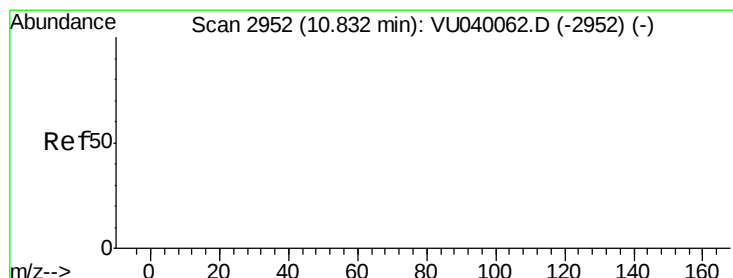
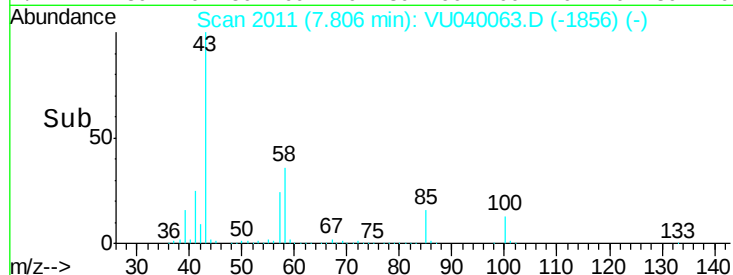
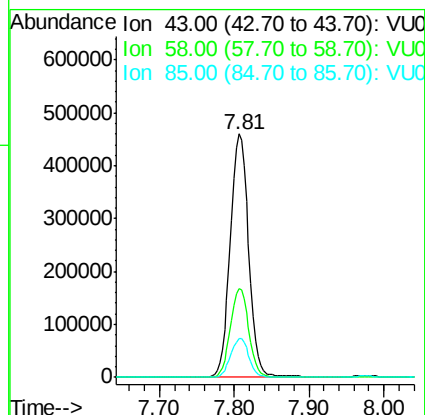
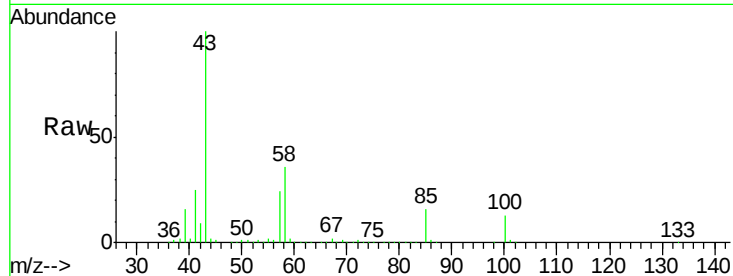




#45
 4-Methyl-2-Pentanone
 Concen: 95.002 ug/l
 RT: 7.81 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

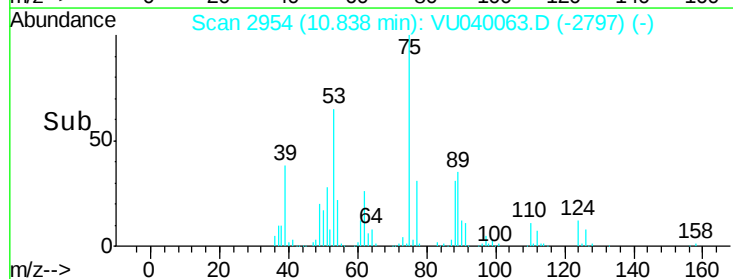
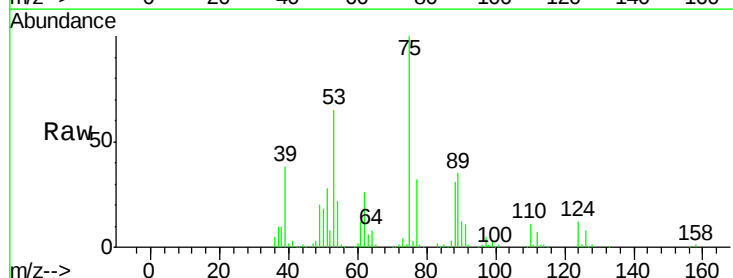
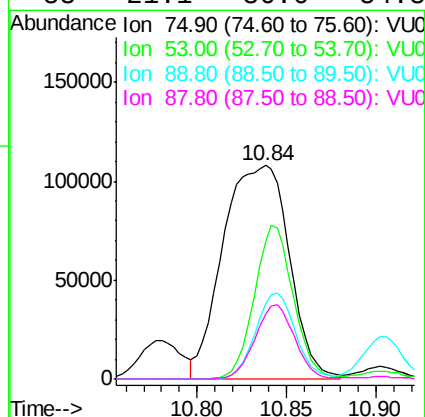
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

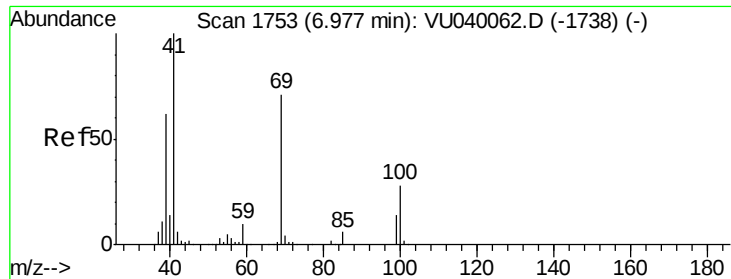
Tgt Ion: 43 Resp: 784956
 Ion Ratio Lower Upper
 43 100
 58 36.5 18.1 54.3
 85 15.7 12.3 18.5



#46
 t-1,4-Dichloro-2-butene
 Concen: 106.265 ug/l
 RT: 10.84 min Scan# 2954
 Delta R.T. 0.01 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 75 Resp: 278354
 Ion Ratio Lower Upper
 75 100
 53 42.5 75.0 112.6#
 89 24.5 41.6 62.4#
 88 21.1 36.6 54.8#

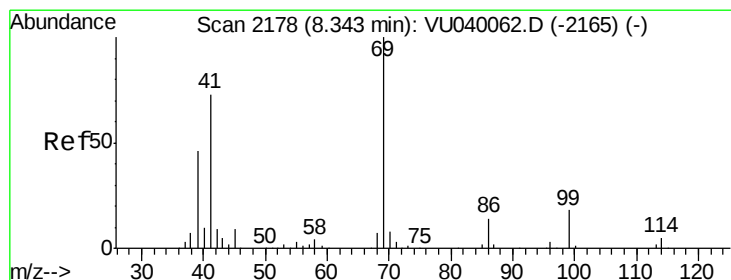
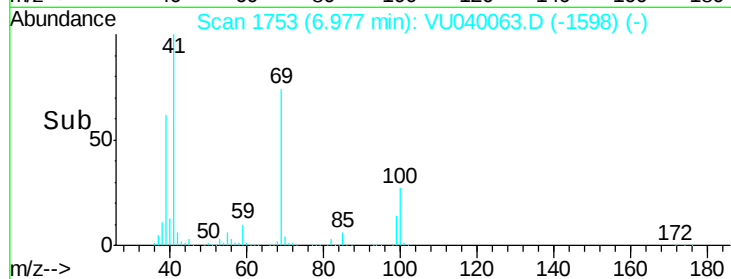
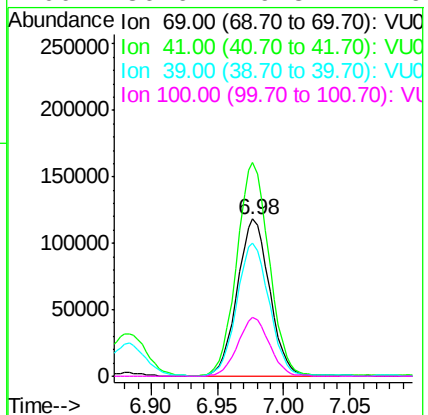
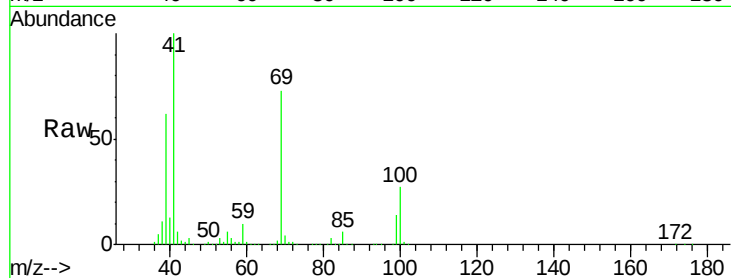




#47
Methyl methacrylate
Concen: 39.486 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

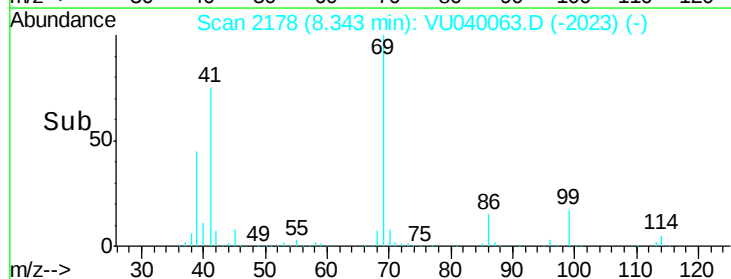
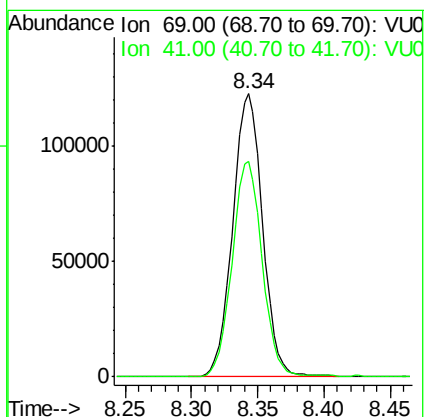
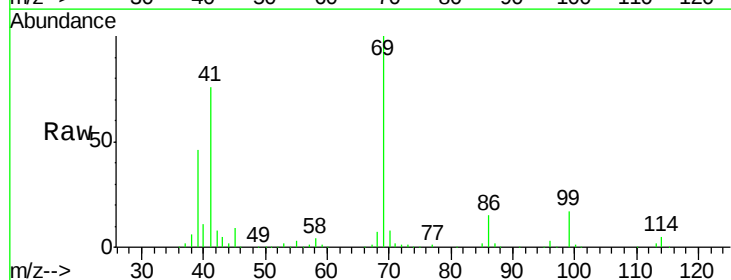
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

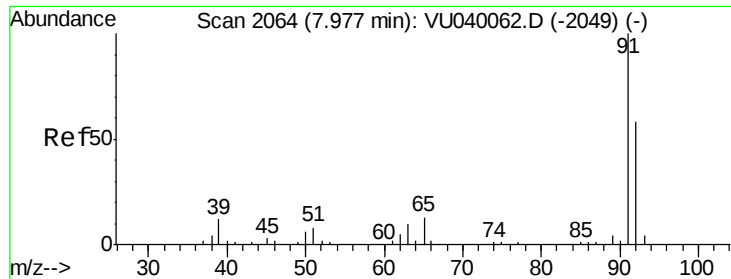
Tgt Ion: 69 Resp: 201289
Ion Ratio Lower Upper
69 100
41 135.1 0.0 273.0
39 84.6 67.8 101.6
100 36.6 29.8 44.6



#48
Ethyl methacrylate
Concen: 20.437 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion: 69 Resp: 191724
Ion Ratio Lower Upper
69 100
41 76.2 37.8 113.3





#49

Toluene

Concen: 18.510 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

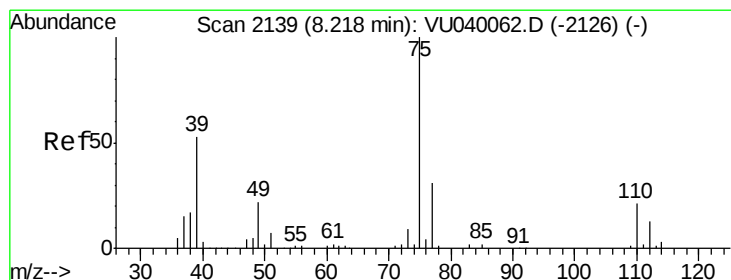
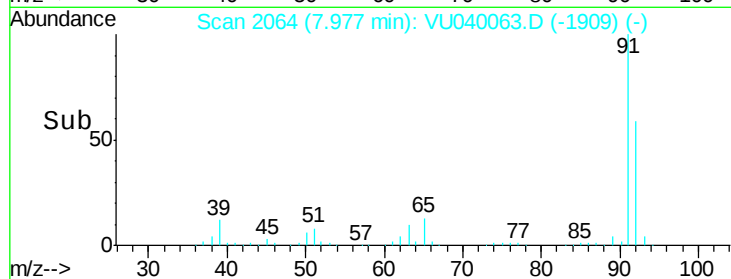
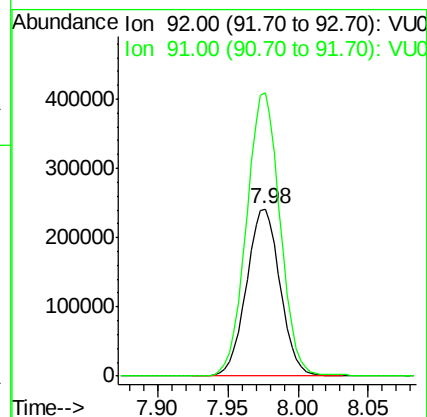
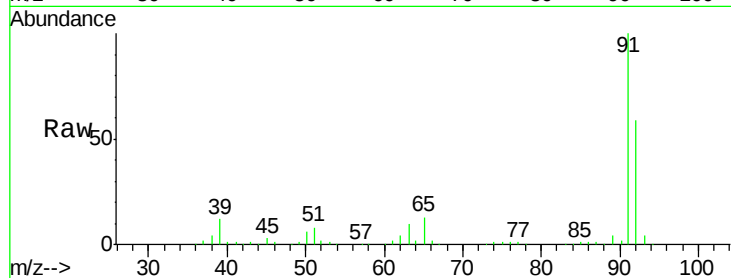
VSTDIC020

Tgt Ion: 92 Resp: 404267

Ion Ratio Lower Upper

92 100

91 169.5 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 21.631 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040063.D

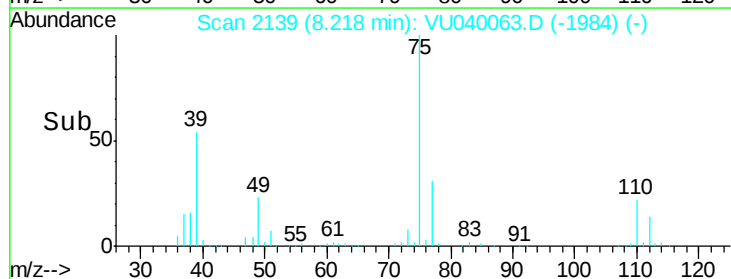
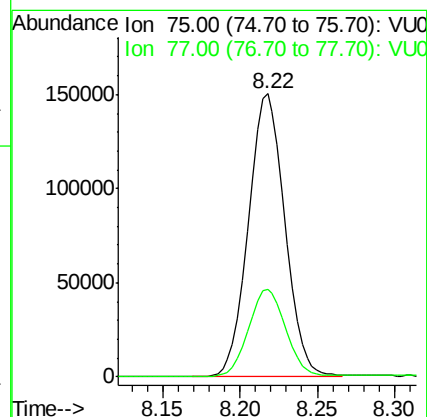
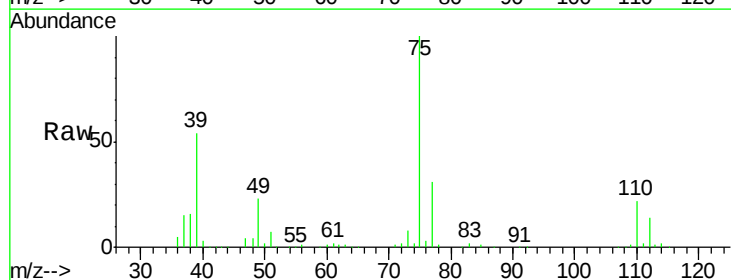
Acq: 09 Sep 2020 12:59

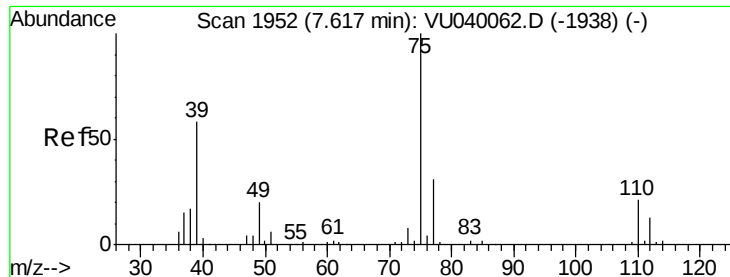
Tgt Ion: 75 Resp: 247308

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6



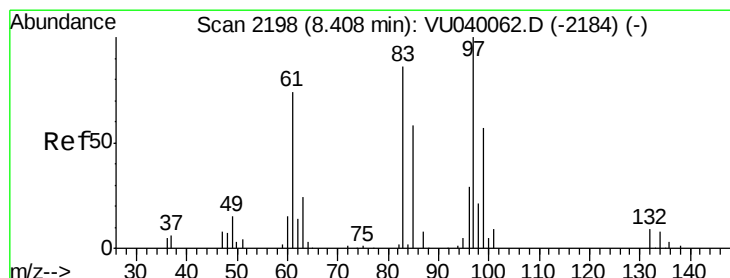
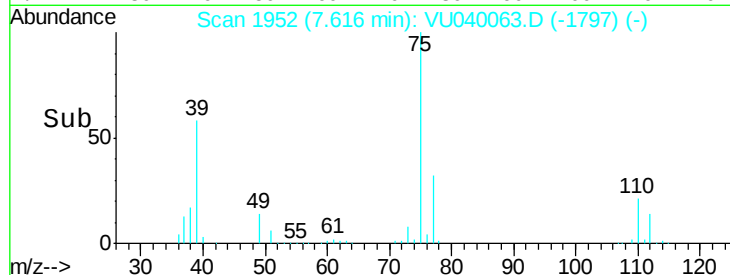
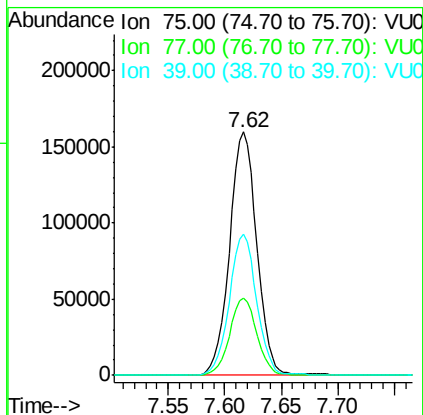
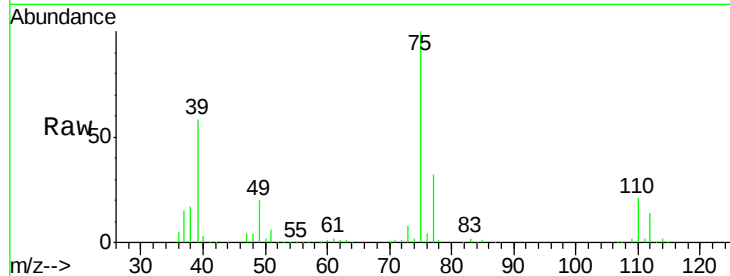


#51

cis-1,3-Dichloropropene
Concen: 20.062 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

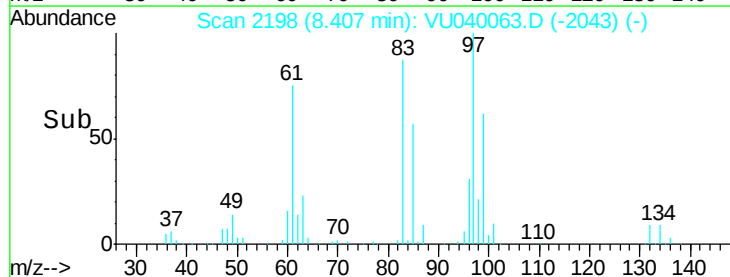
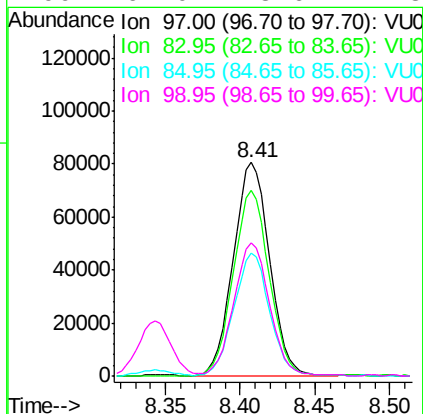
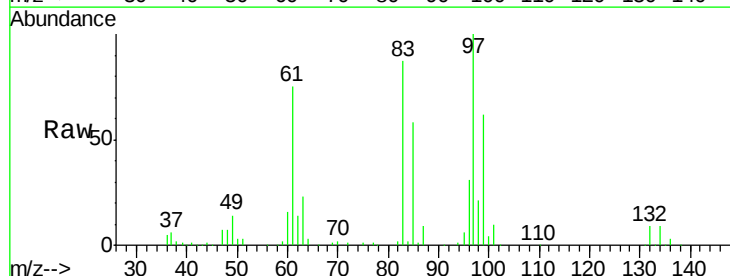
Tgt Ion: 75 Resp: 268481
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 57.9 46.2 69.4

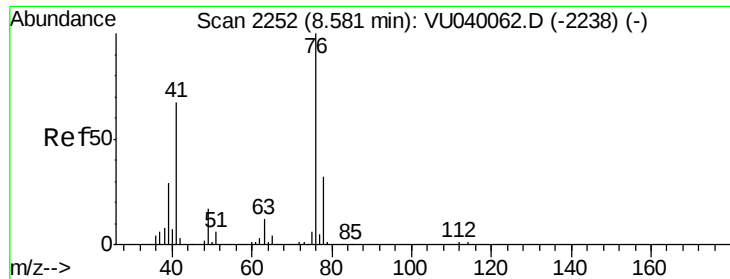


#52

1,1,2-Trichloroethane
Concen: 18.962 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion: 97 Resp: 136311
Ion Ratio Lower Upper
97 100
83 86.7 68.7 103.1
85 57.1 46.7 70.1
99 62.0 48.6 72.8





#53

1,3-Dichloropropane

Concen: 17.758 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

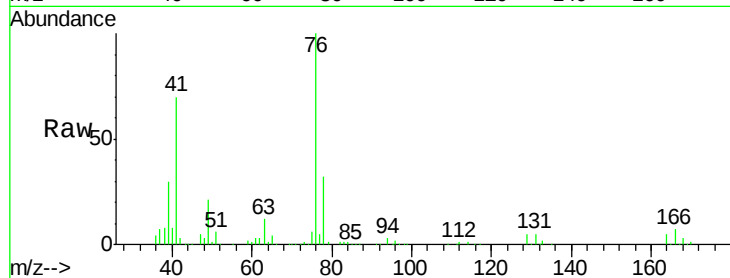
VSTDIC020

Tgt Ion: 76 Resp: 243015

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.2



Abundance Ion 76.00 (75.70 to 76.70): VU040063.D (-2097) (-)

Ion 78.00 (77.70 to 78.70): VU040063.D (-2097) (-)

8.58

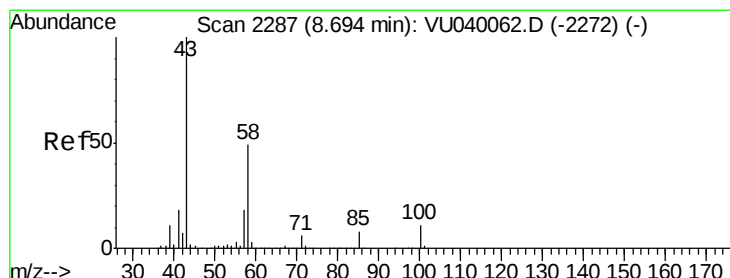
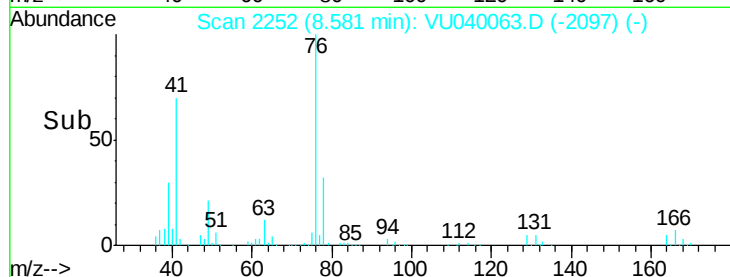
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65



#54

2-Hexanone

Concen: 96.449 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

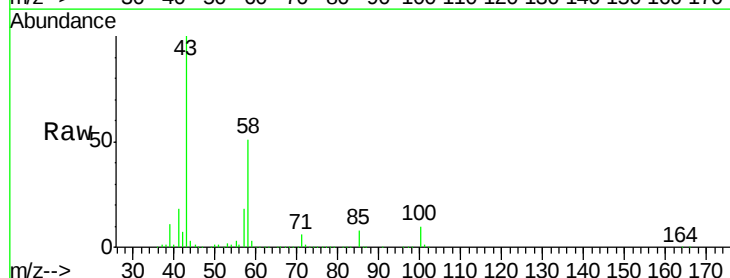
Tgt Ion: 43 Resp: 570905

Ion Ratio Lower Upper

43 100

58 49.9 29.6 69.6

57 18.0 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU040063.D (-2132) (-)

Ion 58.00 (57.70 to 58.70): VU040063.D (-2132) (-)

Ion 57.00 (56.70 to 57.70): VU040063.D (-2132) (-)

8.69

400000

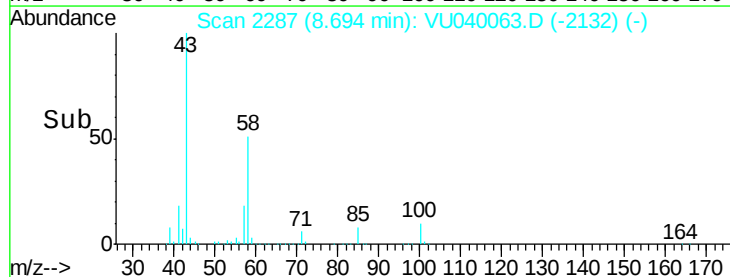
300000

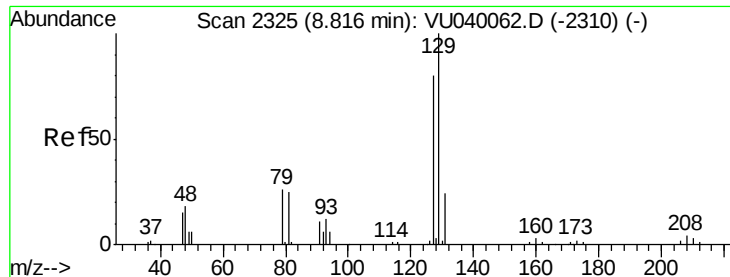
200000

100000

0

Time--> 8.60 8.70 8.80





#55

Dibromochloromethane

Concen: 21.397 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

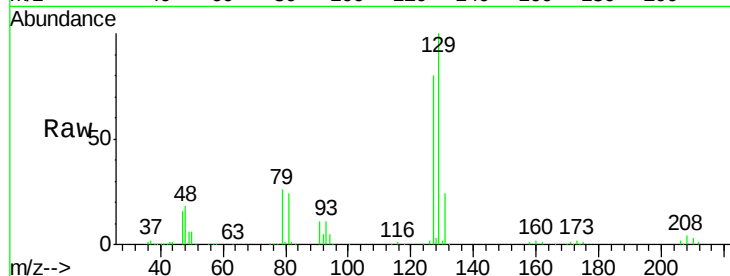
VSTDIC020

Tgt Ion:129 Resp: 166470

Ion Ratio Lower Upper

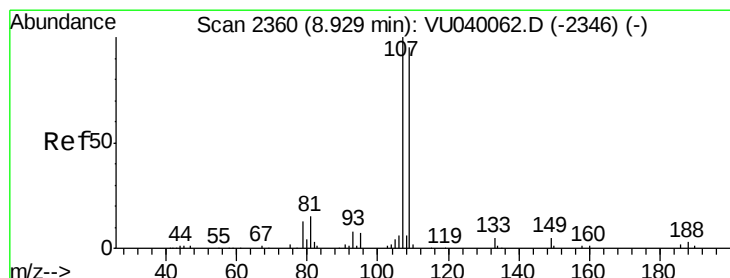
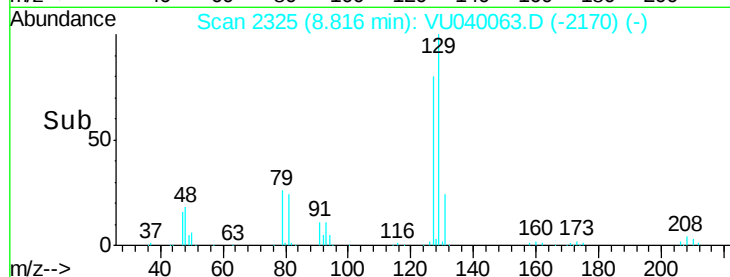
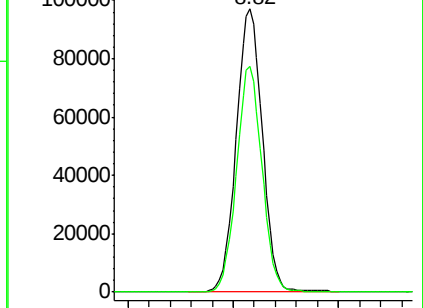
129 100

127 77.8 62.7 94.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 18.898 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040063.D

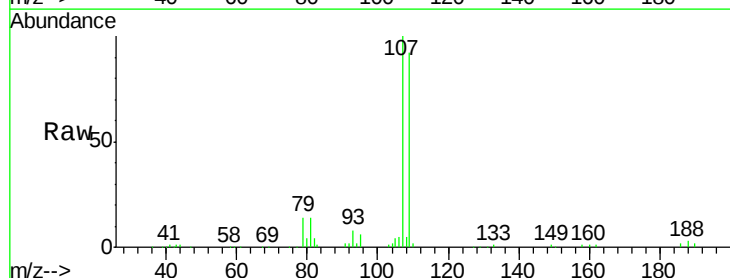
Acq: 09 Sep 2020 12:59

Tgt Ion:107 Resp: 129657

Ion Ratio Lower Upper

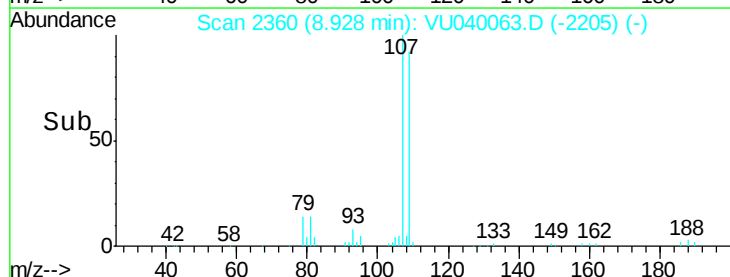
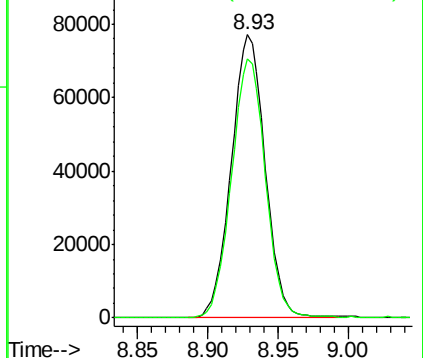
107 100

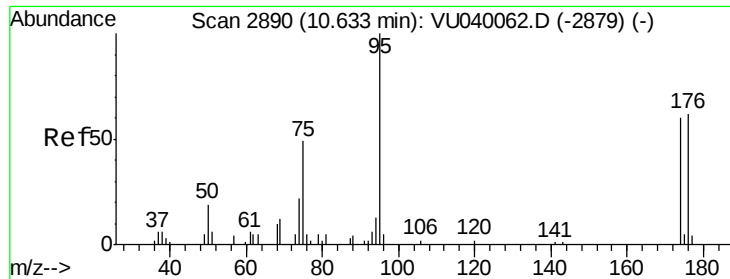
109 91.8 0.0 191.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 1.006 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

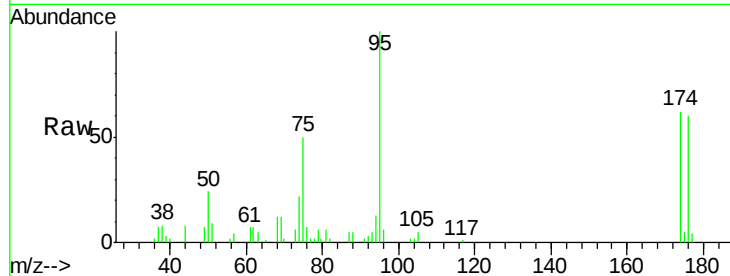
Tgt Ion: 95 Resp: 11916

Ion Ratio Lower Upper

95 100

174 68.6 49.4 74.0

176 62.3 50.1 75.1

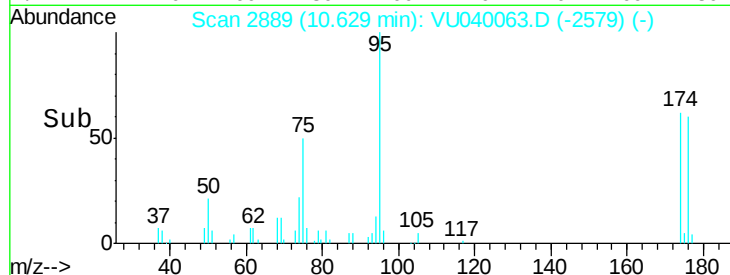


Abundance Ion 95.00 (94.70 to 95.70): VU040063.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU040063.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU040063.D (-2579) (-)

Time-->



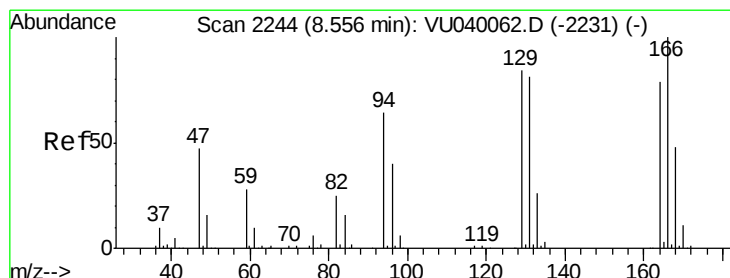
Abundance

Ion 95.00 (94.70 to 95.70): VU040063.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU040063.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU040063.D (-2579) (-)

Time-->



#58

Tetrachloroethene

Concen: 20.105 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Tgt Ion: 164 Resp: 153187

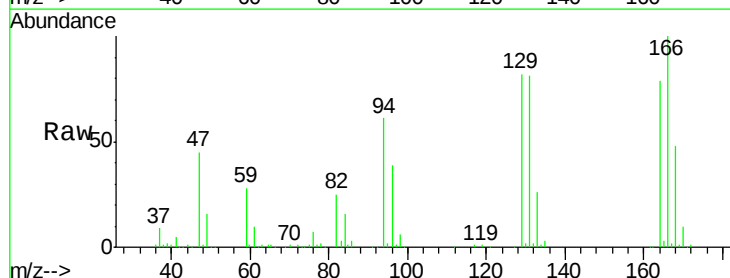
Ion Ratio Lower Upper

164 100

166 126.6 101.3 151.9

129 103.5 84.8 127.2

131 102.2 81.8 122.6



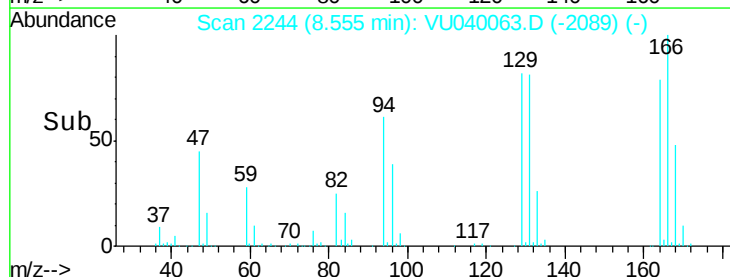
Abundance Ion 163.85 (163.55 to 164.55): VU040063.D (-2089) (-)

Ion 165.80 (165.50 to 166.50): VU040063.D (-2089) (-)

Ion 128.90 (128.60 to 129.60): VU040063.D (-2089) (-)

Ion 130.90 (130.60 to 131.60): VU040063.D (-2089) (-)

Time-->



Abundance

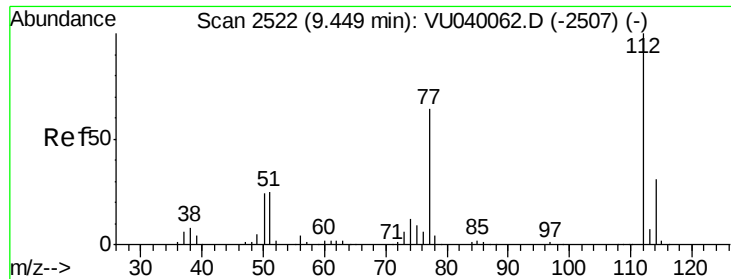
Ion 163.85 (163.55 to 164.55): VU040063.D (-2089) (-)

Ion 165.80 (165.50 to 166.50): VU040063.D (-2089) (-)

Ion 128.90 (128.60 to 129.60): VU040063.D (-2089) (-)

Ion 130.90 (130.60 to 131.60): VU040063.D (-2089) (-)

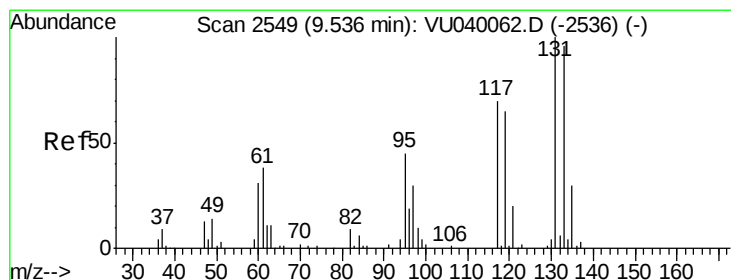
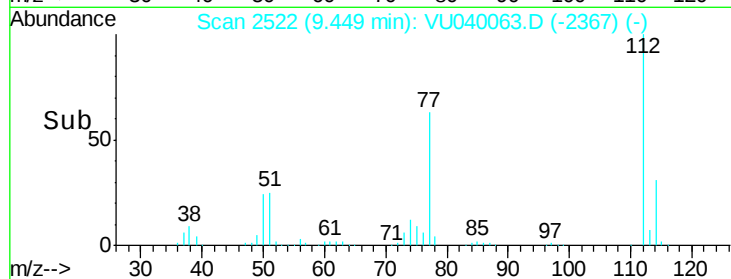
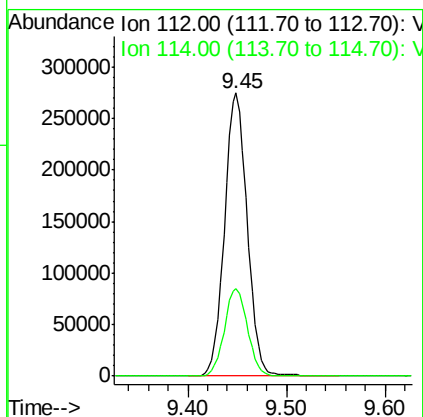
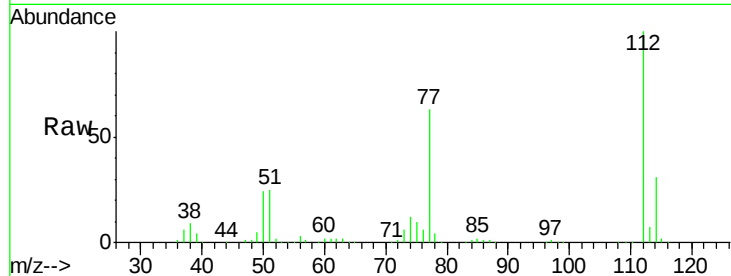
Time-->



#59
Chlorobenzene
Concen: 19.345 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

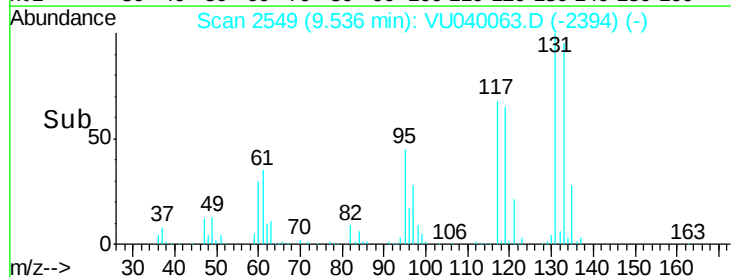
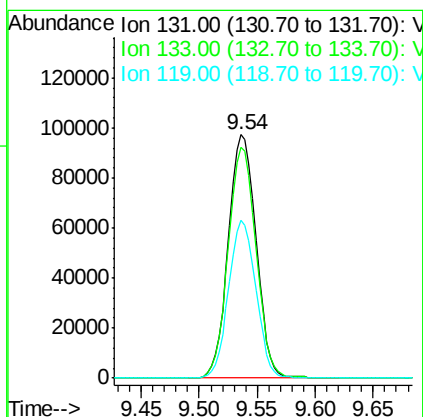
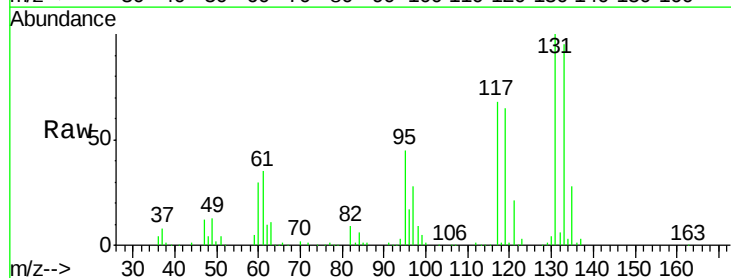
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

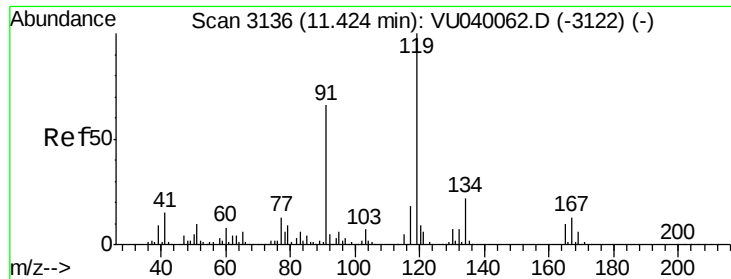
Tgt Ion:112 Resp: 441830
Ion Ratio Lower Upper
112 100
114 30.9 24.8 37.2



#60
1,1,1,2-Tetrachloroethane
Concen: 20.742 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion:131 Resp: 162026
Ion Ratio Lower Upper
131 100
133 95.0 75.4 113.2
119 63.6 51.5 77.3

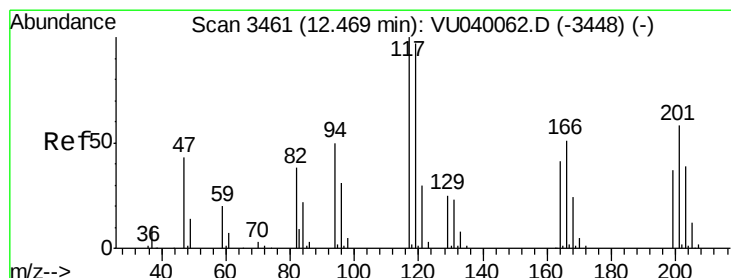
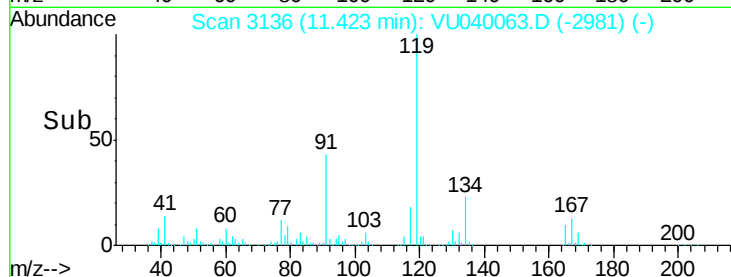
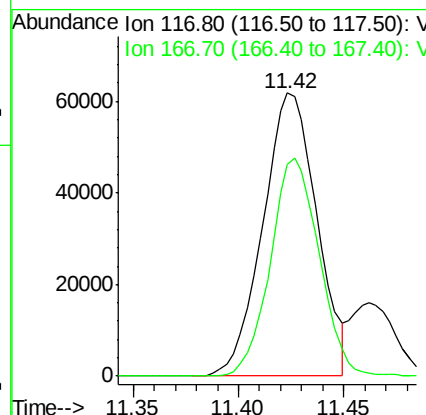
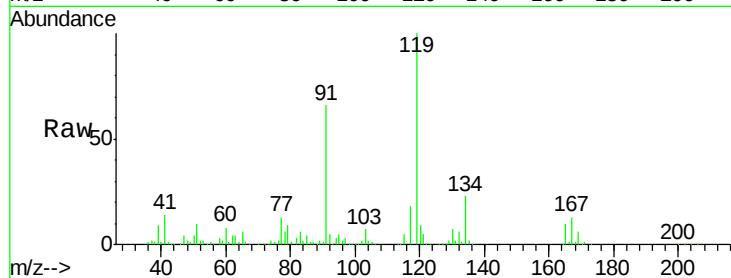




#61
 Pentachloroethane
 Concen: 16.838 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

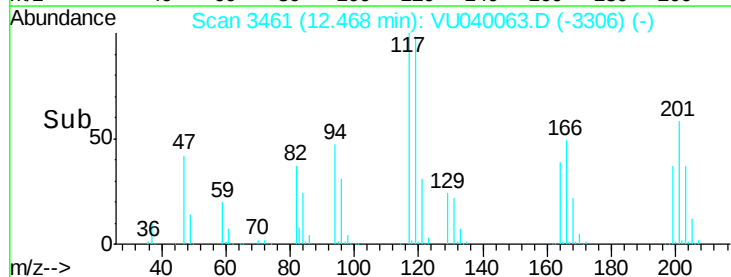
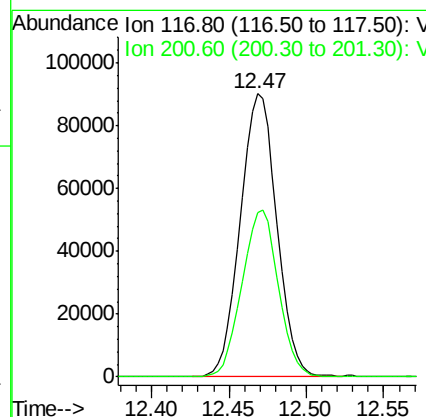
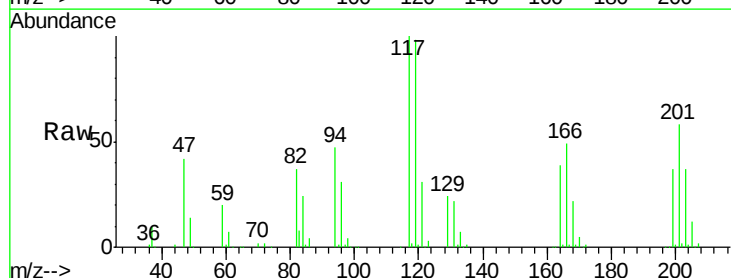
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

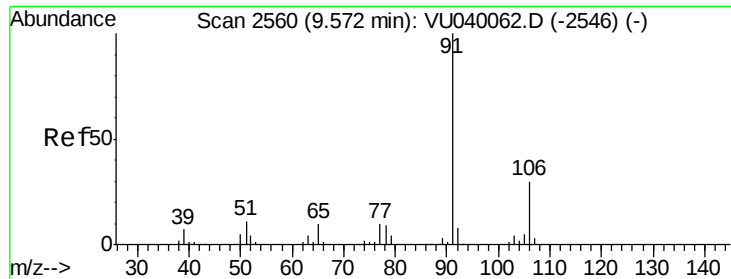
Tgt Ion:117 Resp: 110047
 Ion Ratio Lower Upper
 117 100
 167 69.7 54.5 81.7



#62
 Hexachloroethane
 Concen: 23.455 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion:117 Resp: 147816
 Ion Ratio Lower Upper
 117 100
 201 59.2 47.0 70.4

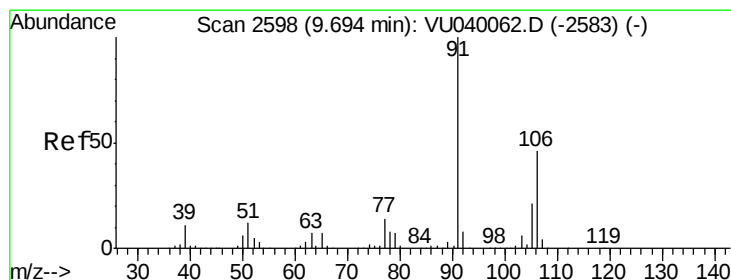
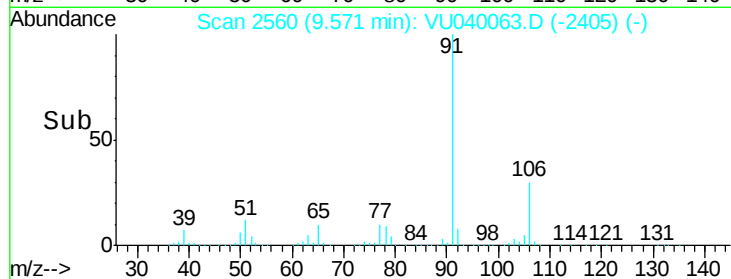
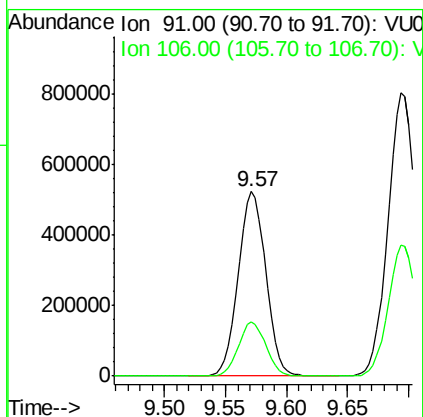
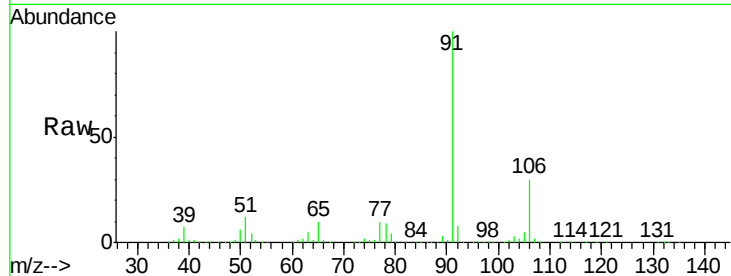




#63
Ethyl Benzene
Concen: 20.137 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

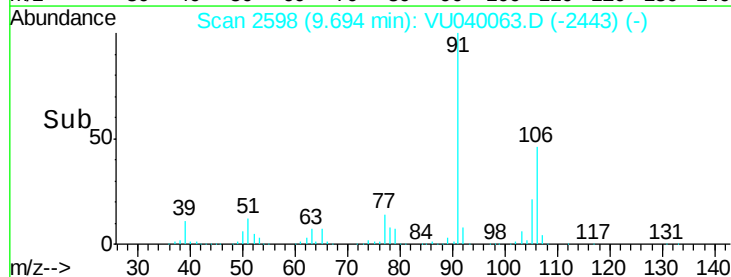
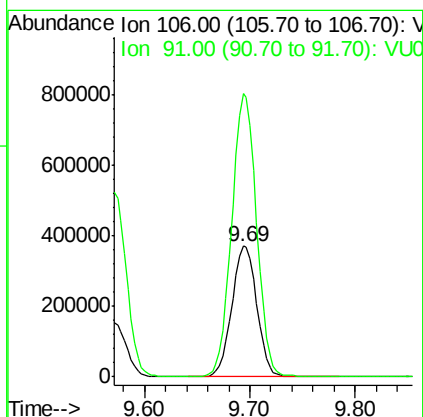
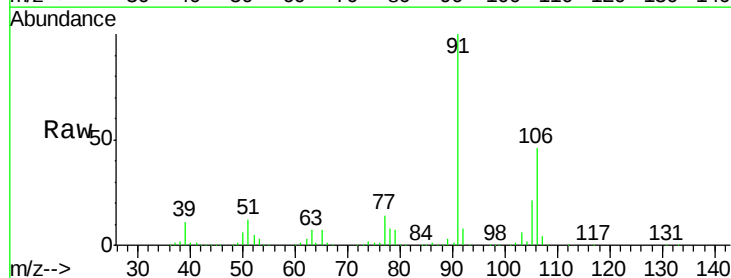
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

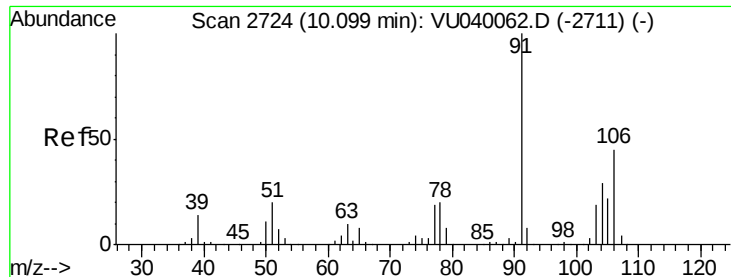
Tgt Ion: 91 Resp: 817869
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#64
m/p-Xylenes
Concen: 38.240 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion: 106 Resp: 603890
Ion Ratio Lower Upper
106 100
91 215.2 171.4 257.2

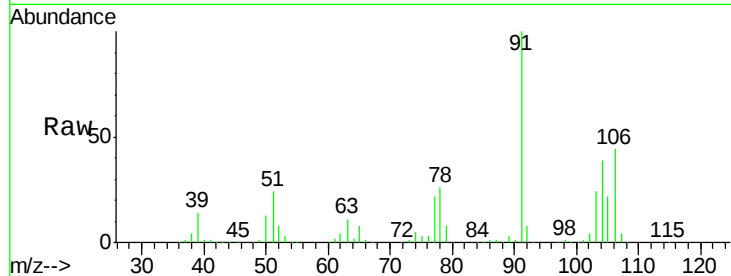




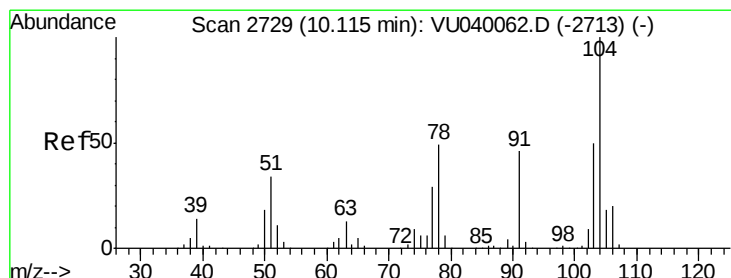
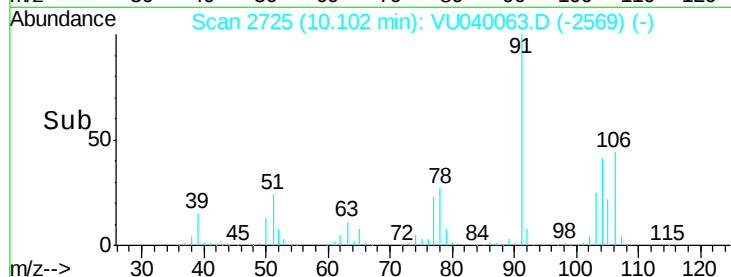
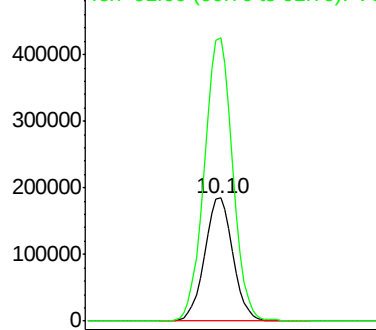
#65
o-Xylene
Concen: 19.179 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 288281
Ion Ratio Lower Upper
106 100
91 232.1 114.2 342.6

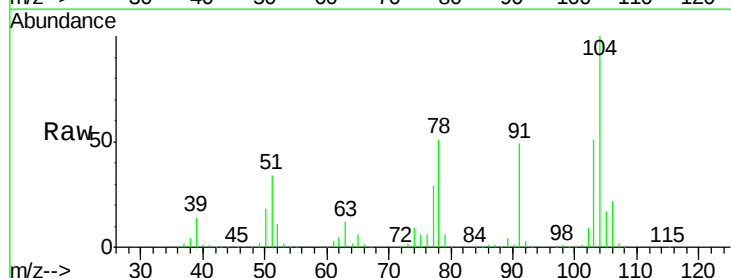


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

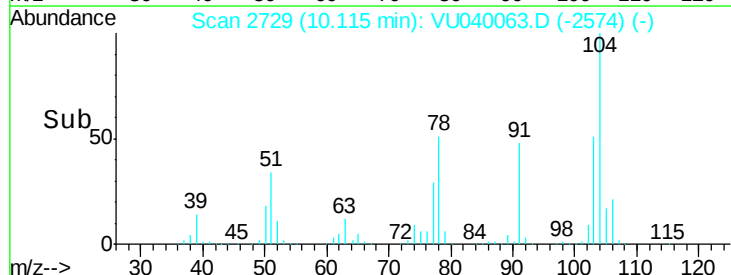
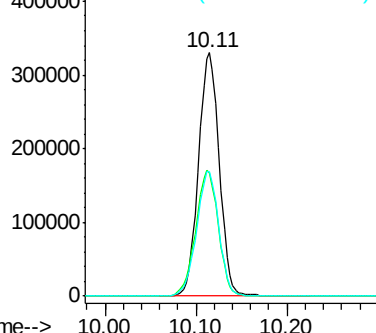


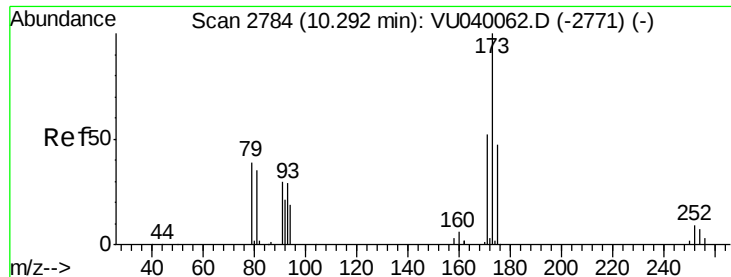
#66
Styrene
Concen: 20.301 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040063.D
Acq: 09 Sep 2020 12:59

Tgt Ion:104 Resp: 525111
Ion Ratio Lower Upper
104 100
78 56.1 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: 23.030 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

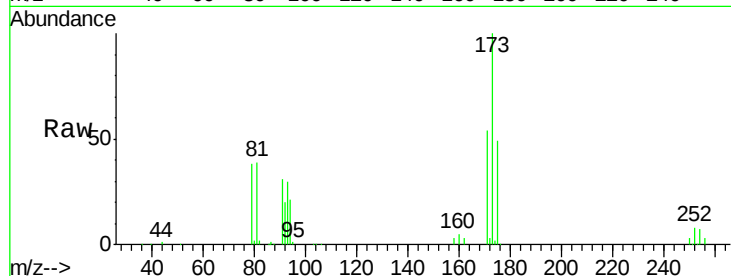
Tgt Ion:173 Resp: 91349

Ion Ratio Lower Upper

173 100

175 48.3 38.0 57.0

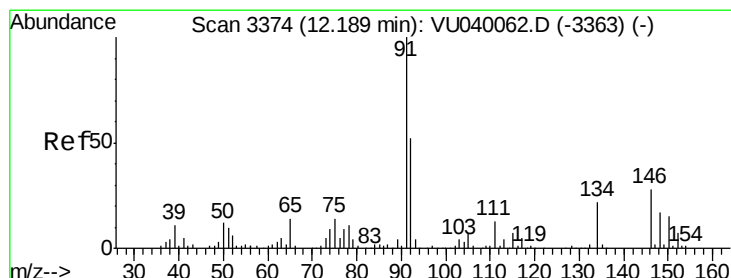
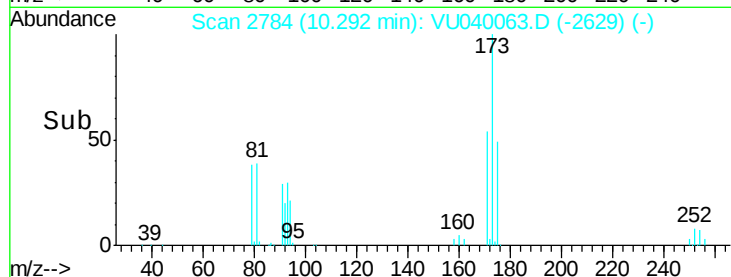
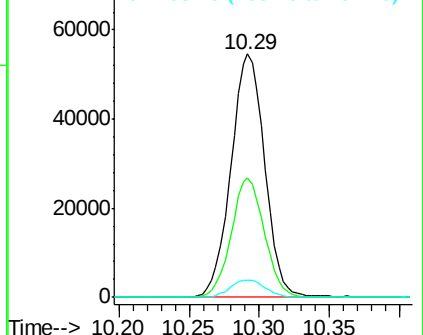
254 7.4 5.8 8.8



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: 1.029 ug/l

RT: 12.19 min Scan# 3373

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

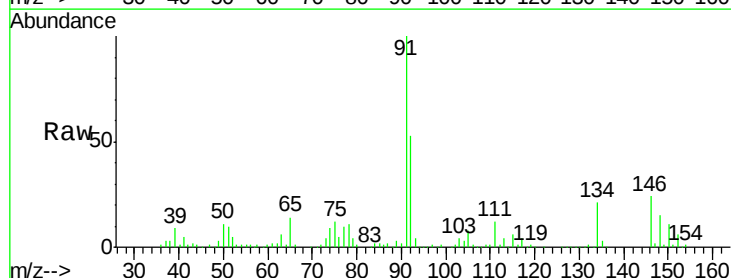
Tgt Ion:152 Resp: 11720

Ion Ratio Lower Upper

152 100

115 204.0 0.0 309.0

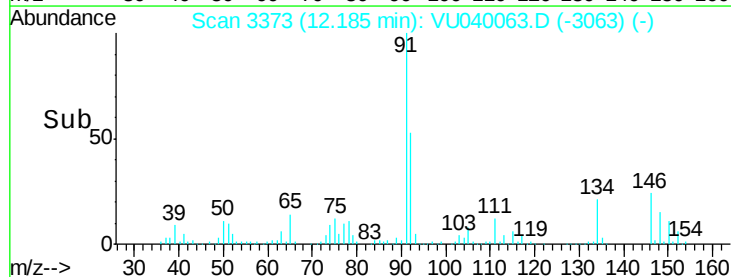
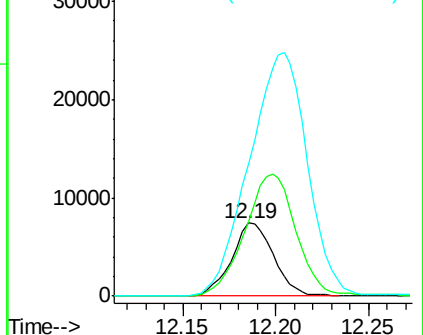
150 460.9 0.0 658.2

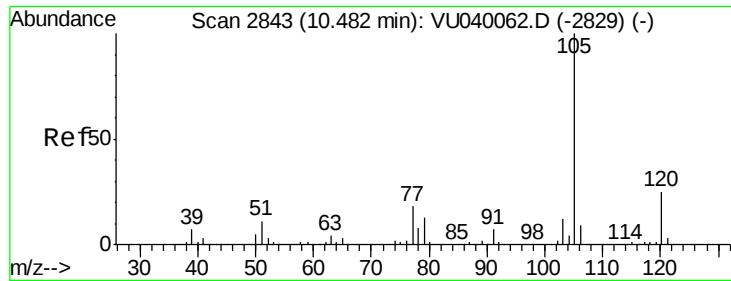


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 20.119 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

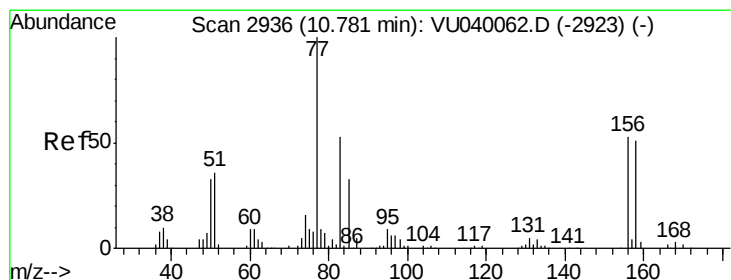
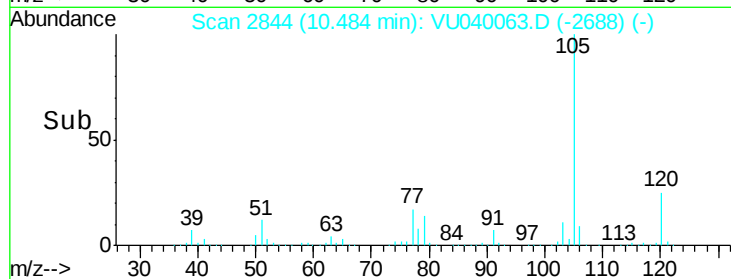
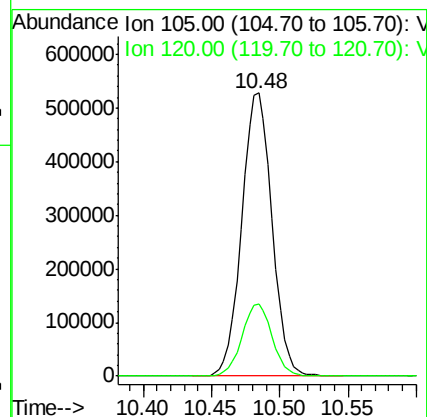
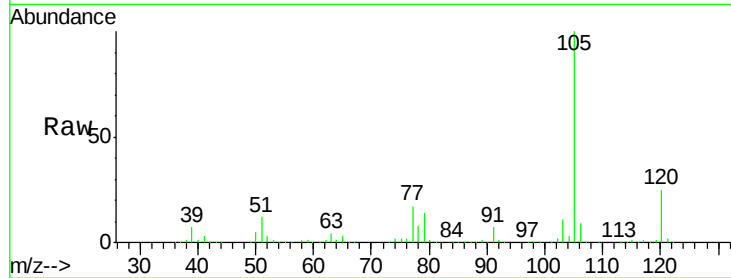
VSTDIC020

Tgt Ion:105 Resp: 810689

Ion Ratio Lower Upper

105 100

120 25.5 12.4 37.4



#70

1,1,2,2-Tetrachloroethane

Concen: 18.563 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

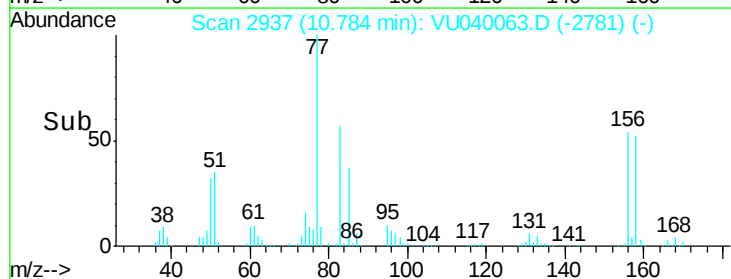
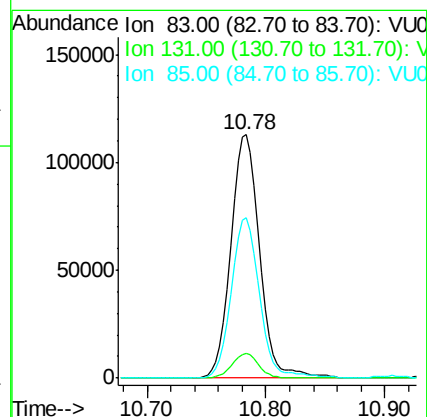
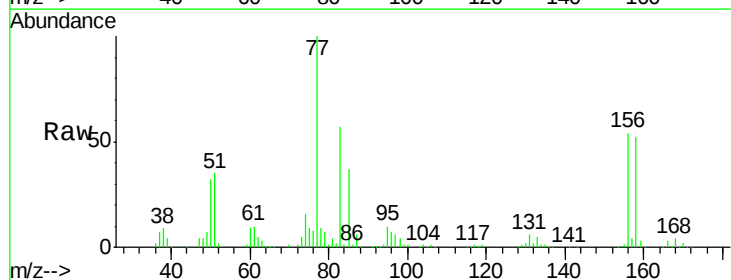
Tgt Ion: 83 Resp: 189224

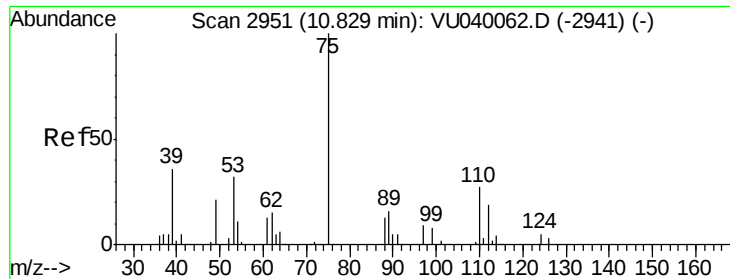
Ion Ratio Lower Upper

83 100

131 9.3 7.5 11.3

85 65.0 49.7 74.5

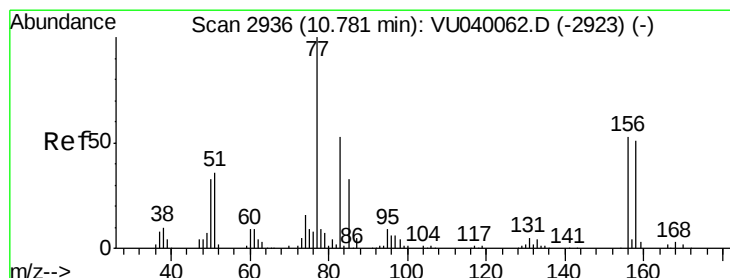
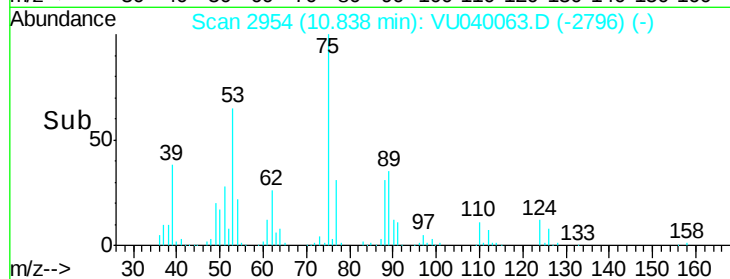
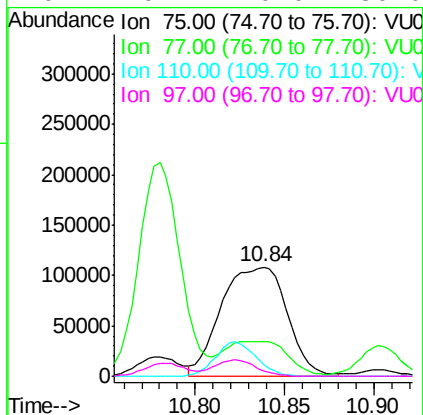
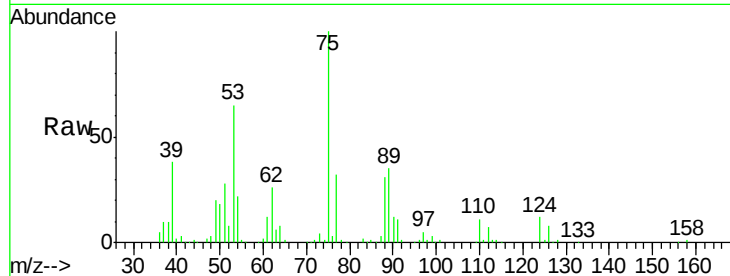




#71
 1,2,3-Trichloropropane
 Concen: 36.783 ug/l
 RT: 10.84 min Scan# 2954
 Delta R.T. 0.01 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

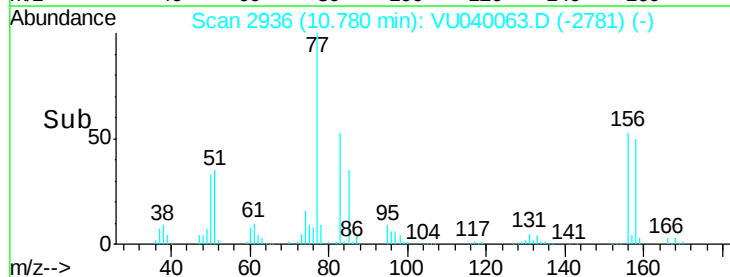
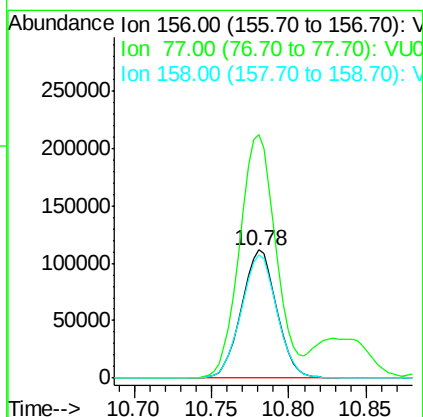
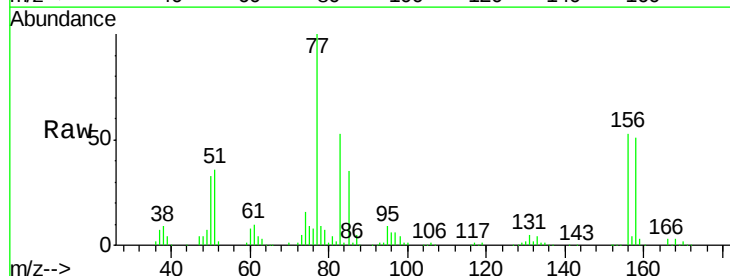
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

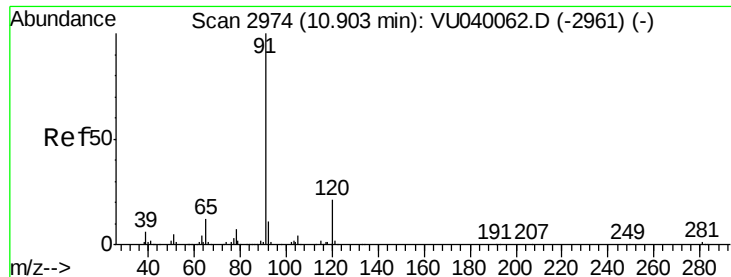
Tgt Ion:	75	Resp:	278354
Ion	Ratio	Lower	Upper
75	100		
77	30.5	0.0	111.4
110	19.5	0.0	70.8
97	9.2	0.0	36.0



#72
 Bromobenzene
 Concen: 19.338 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion:	156	Resp:	177619
Ion	Ratio	Lower	Upper
156	100		
77	195.4	0.0	383.6
158	97.7	0.0	195.0





#73

n-propylbenzene

Concen: 19.656 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

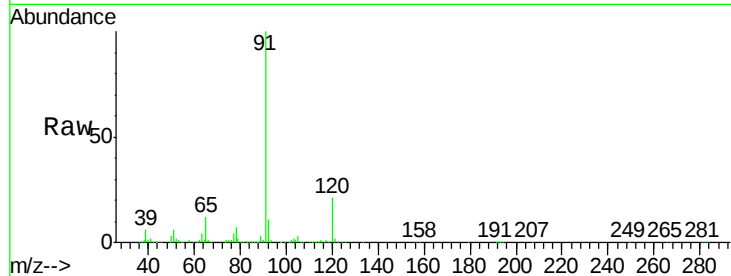
VSTDIC020

Tgt Ion:120 Resp: 222260

Ion Ratio Lower Upper

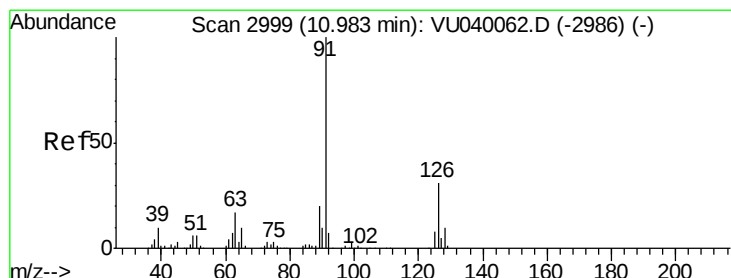
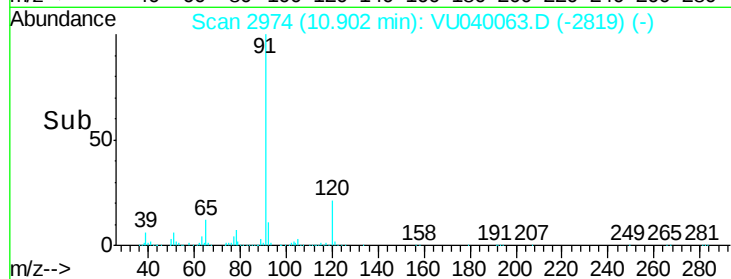
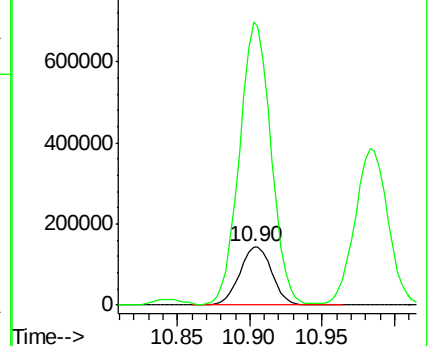
120 100

91 473.1 380.4 570.6



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 19.482 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040063.D

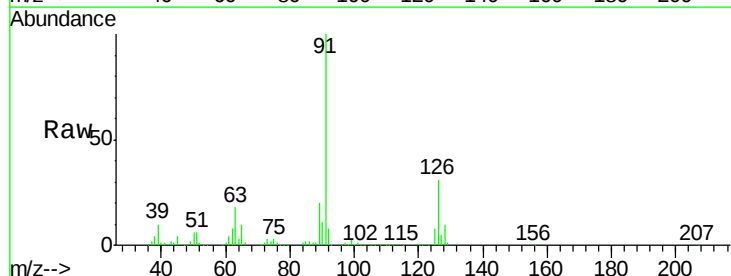
Acq: 09 Sep 2020 12:59

Tgt Ion:126 Resp: 187230

Ion Ratio Lower Upper

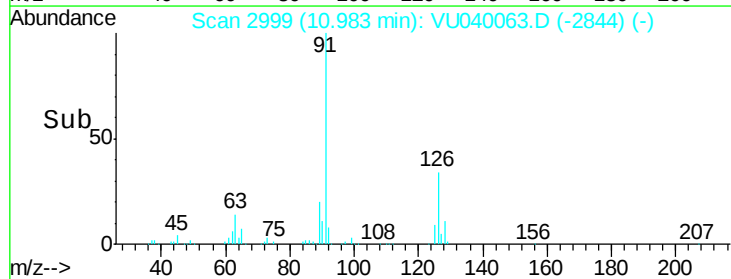
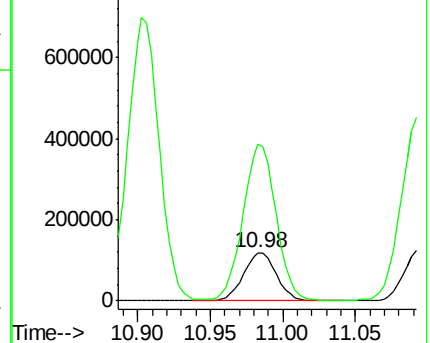
126 100

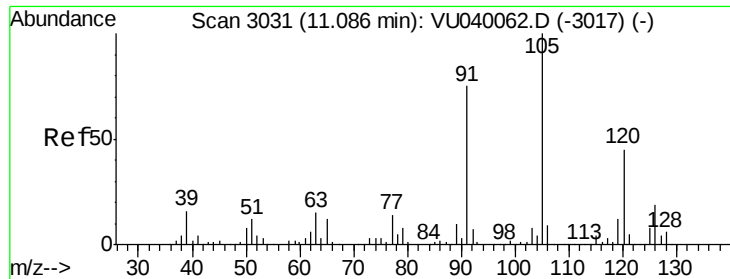
91 322.9 0.0 649.6



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: 20.559 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

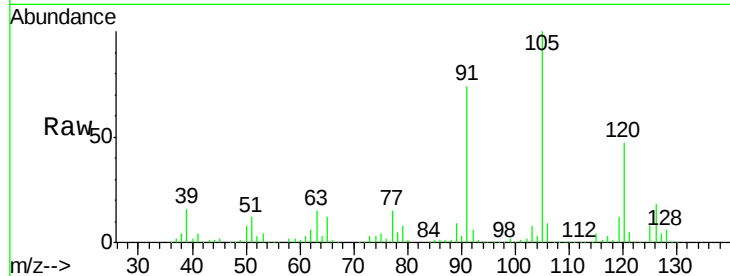
VSTDIC020

Tgt Ion:105 Resp: 717111

Ion Ratio Lower Upper

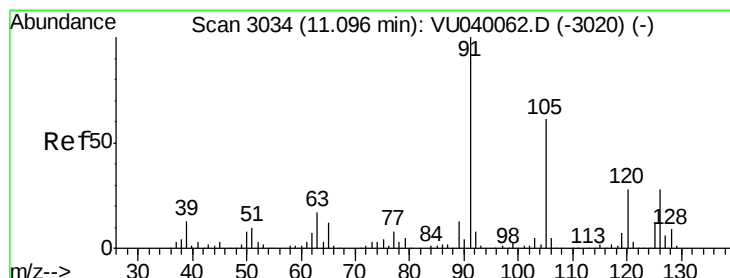
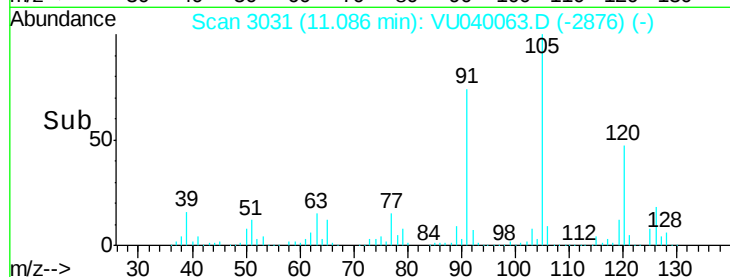
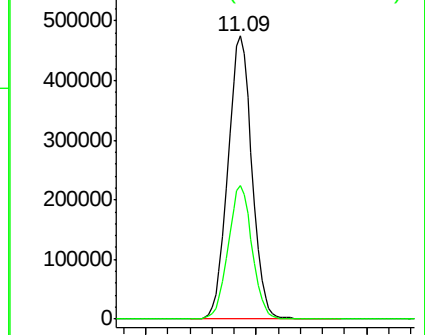
105 100

120 46.8 36.6 55.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 19.840 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040063.D

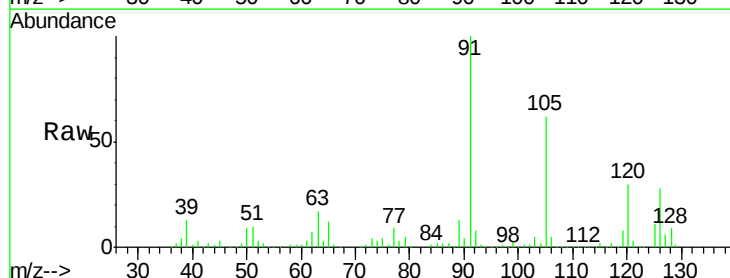
Acq: 09 Sep 2020 12:59

Tgt Ion:126 Resp: 197952

Ion Ratio Lower Upper

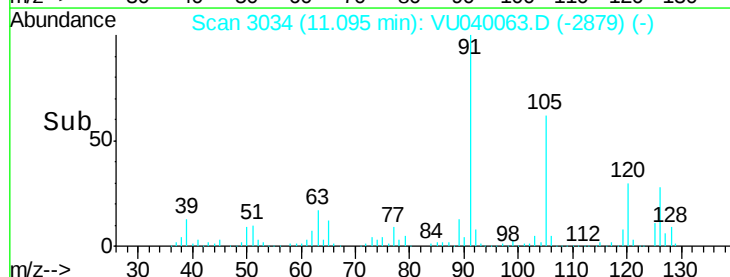
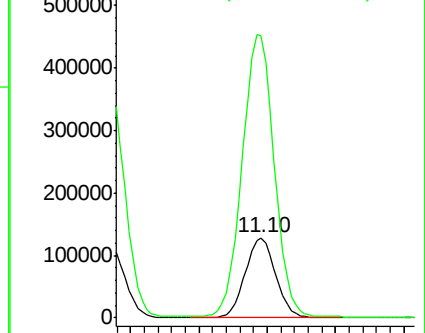
126 100

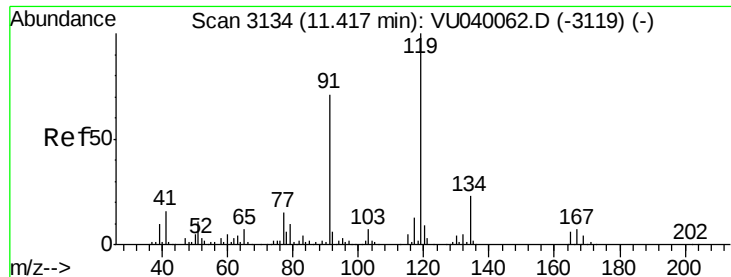
91 373.6 0.0 735.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

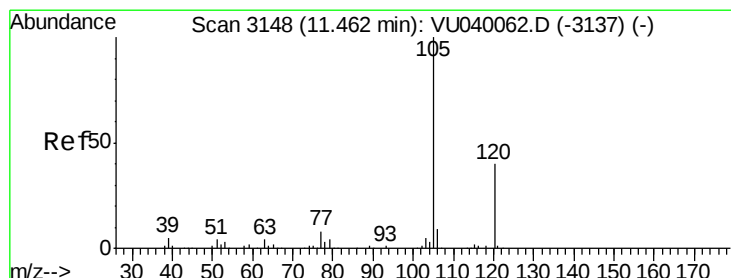
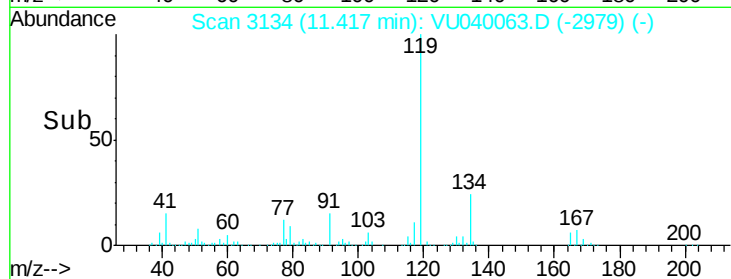
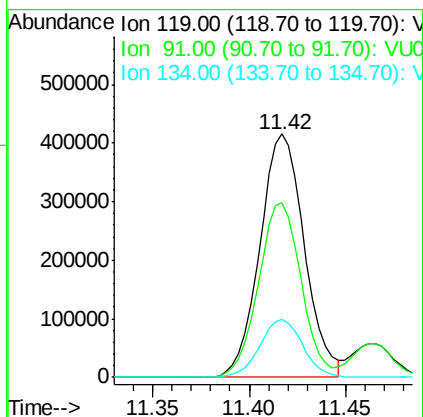
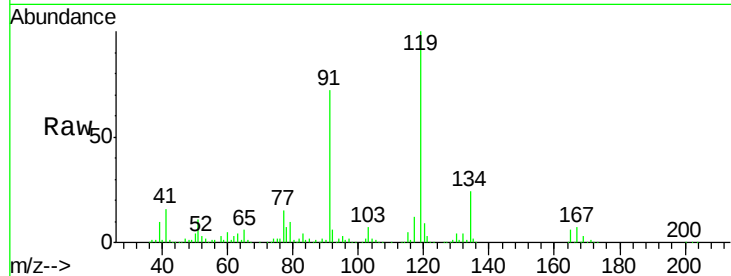




#77
 tert-Butylbenzene
 Concen: 20.034 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

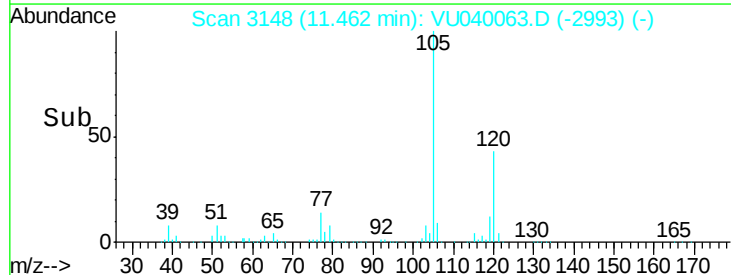
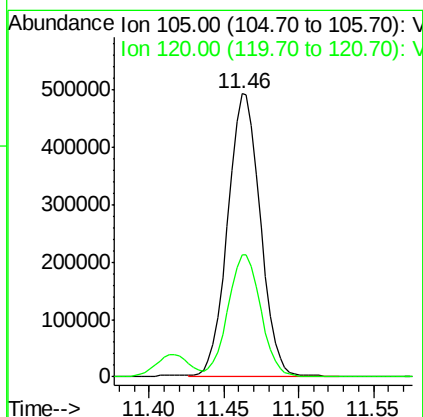
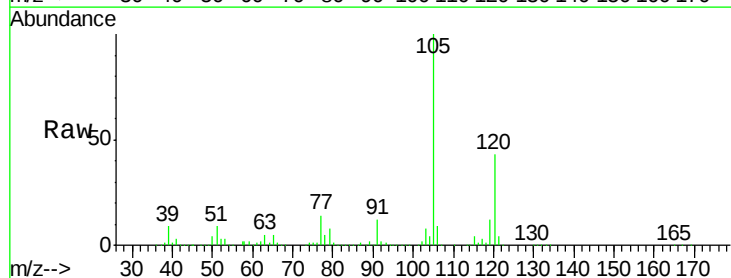
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

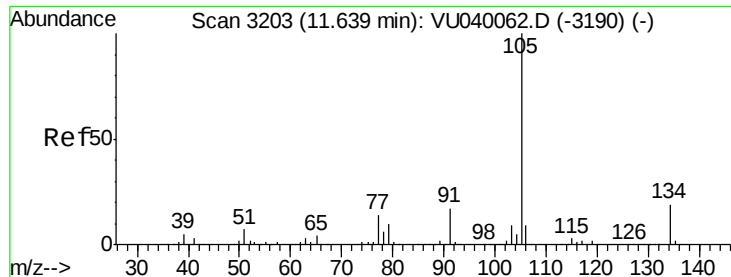
Tgt Ion:119 Resp: 666085
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.2 102.5
 134 23.2 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 20.854 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion:105 Resp: 744640
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.5





#79

sec-Butylbenzene

Concen: 20.117 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

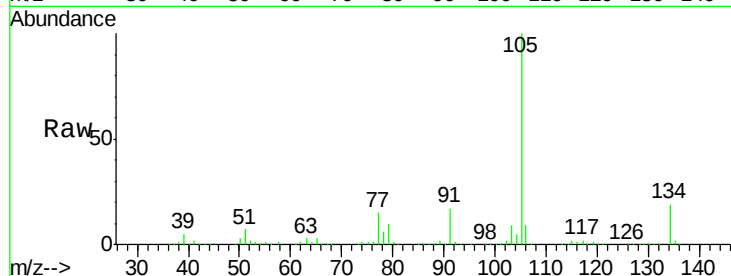
VSTDIC020

Tgt Ion: 105 Resp: 956881

Ion Ratio Lower Upper

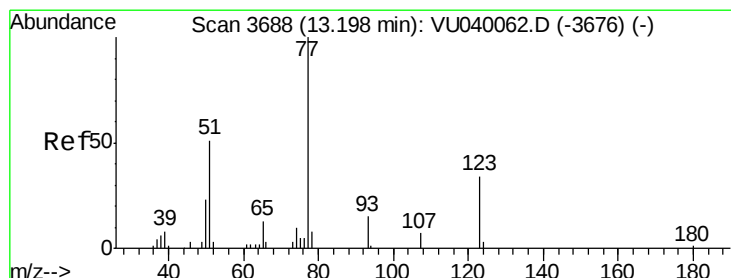
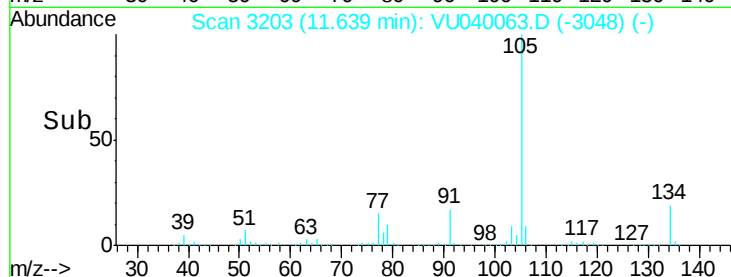
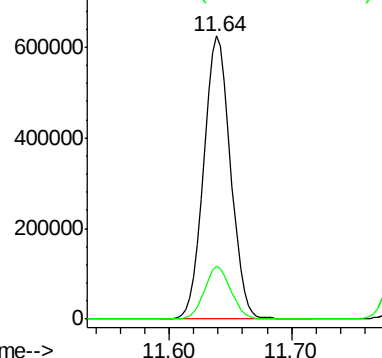
105 100

134 18.4 15.0 22.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 212.219 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

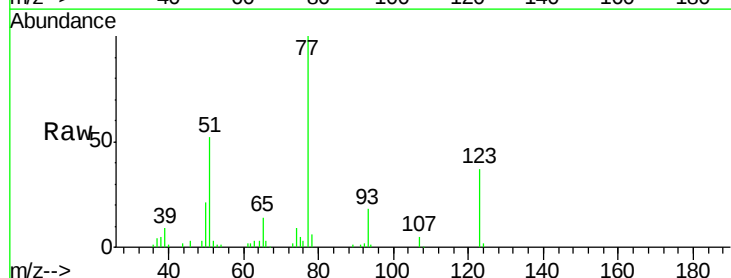
Tgt Ion: 77 Resp: 45495

Ion Ratio Lower Upper

77 100

123 36.8 16.4 58.0

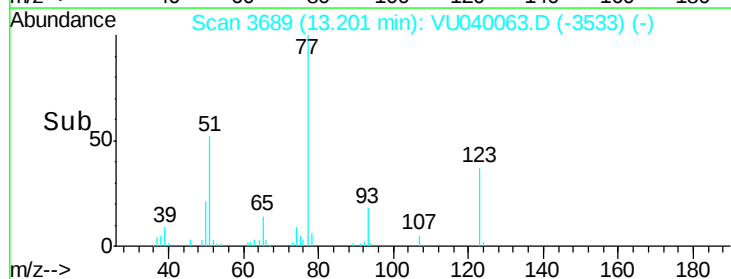
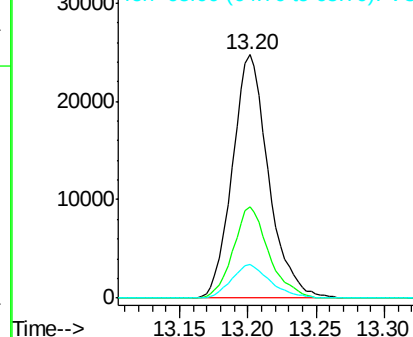
65 14.7 12.5 15.9

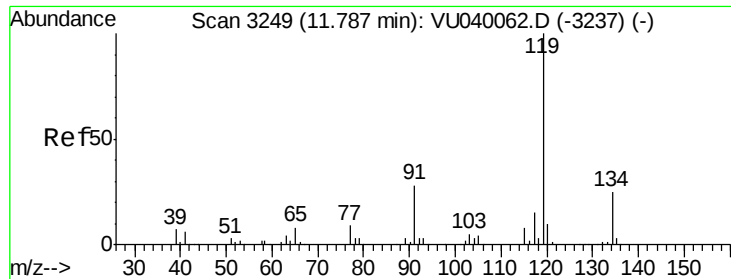


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

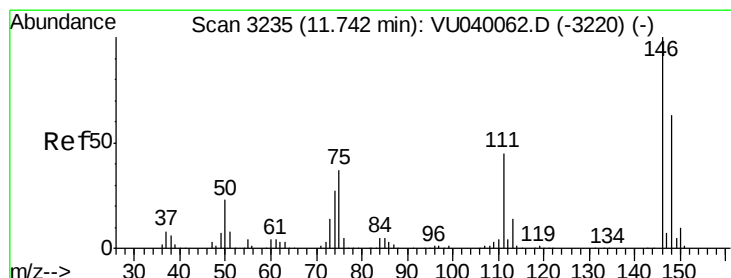
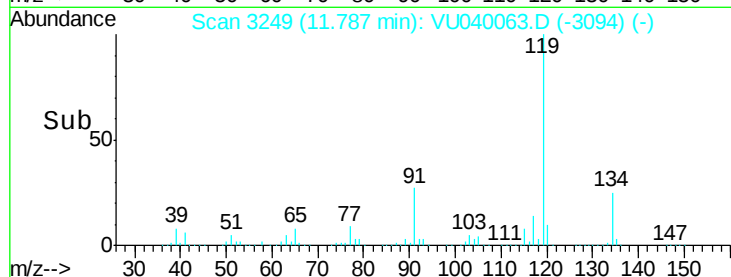
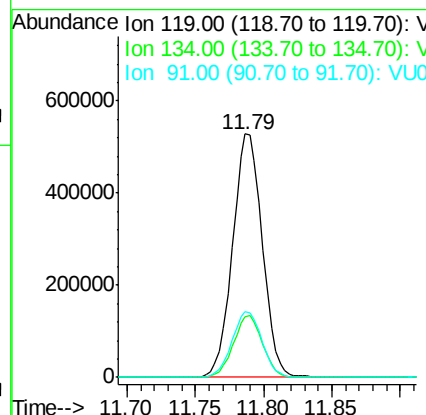
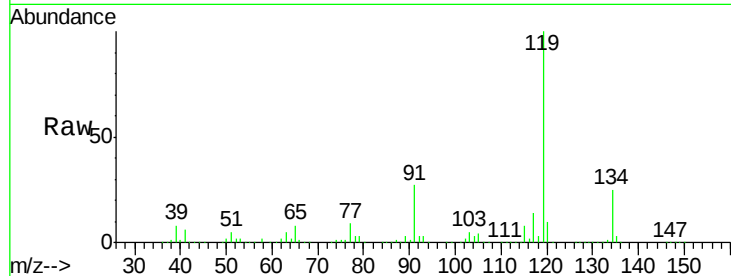




#81
 p-Isopropyltoluene
 Concen: 20.684 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

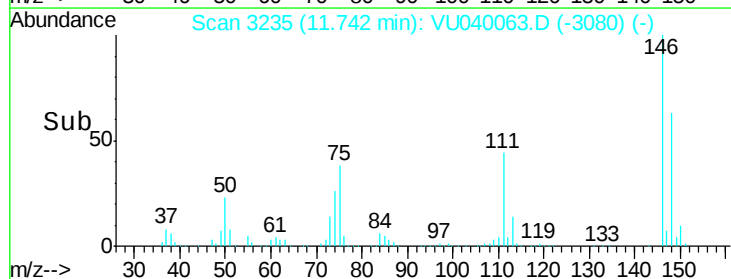
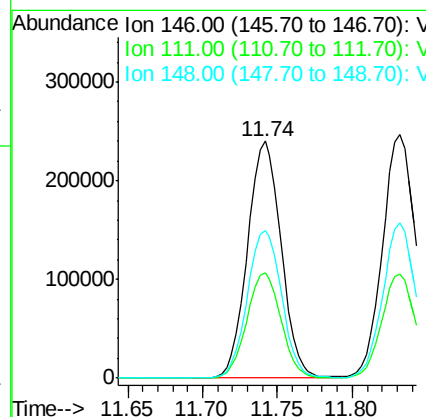
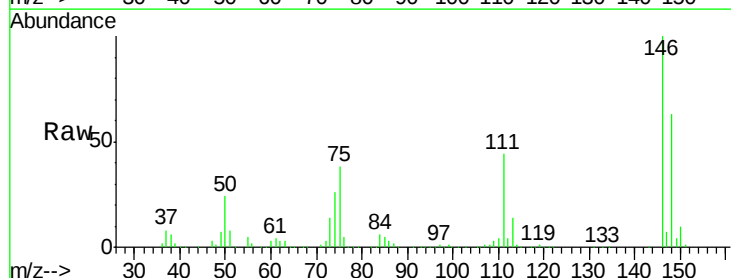
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

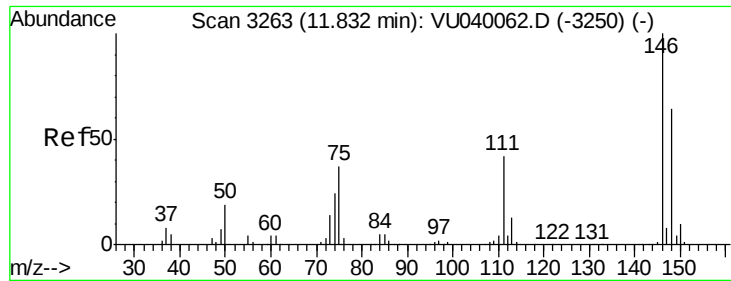
Tgt Ion:	119	Resp:	791655
Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.3	30.5
91	27.3	22.2	33.2



#82
 1,3-Dichlorobenzene
 Concen: 19.059 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion:	146	Resp:	377838
Ion	Ratio	Lower	Upper
146	100		
111	44.9	35.4	53.0
148	63.4	49.7	74.5

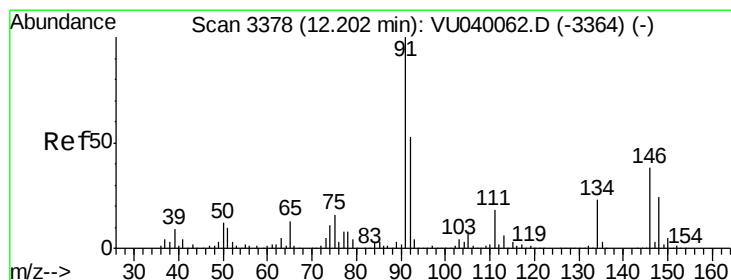
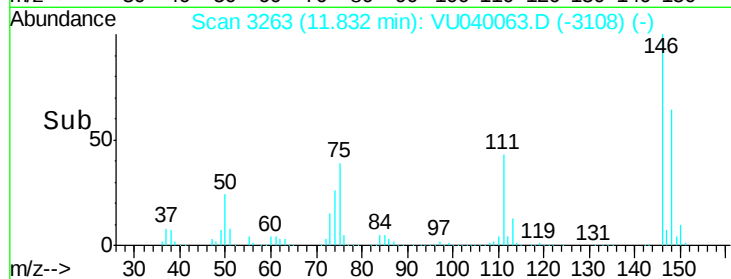
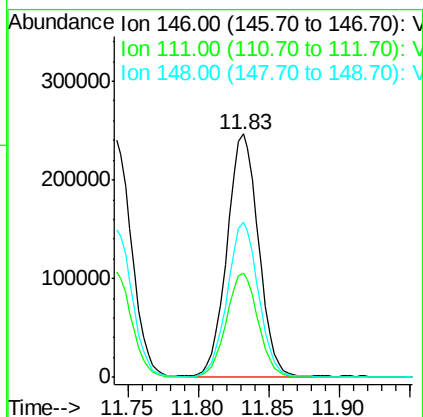
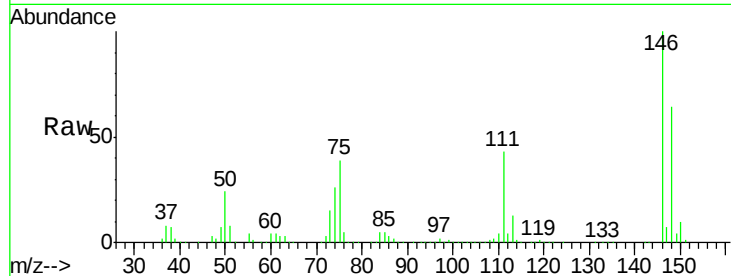




#83
 1,4-Dichlorobenzene
 Concen: 19.208 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

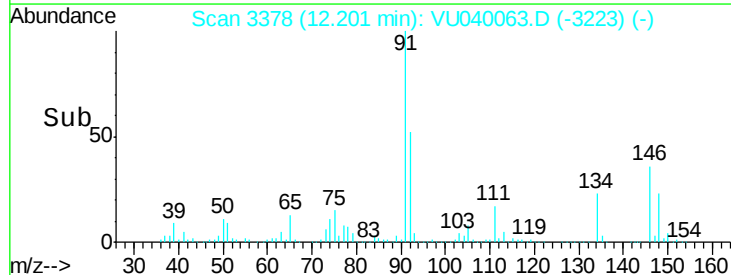
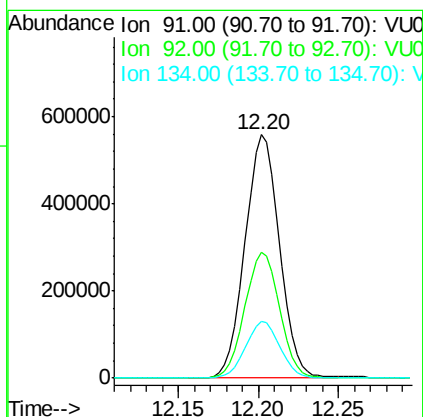
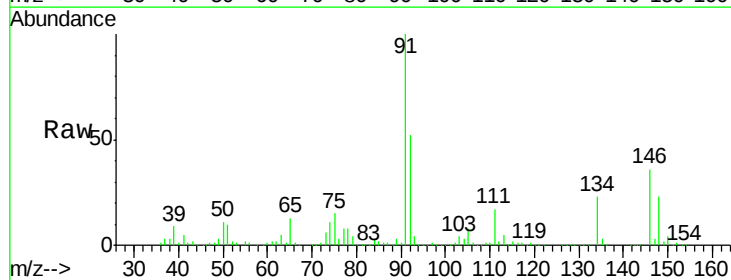
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

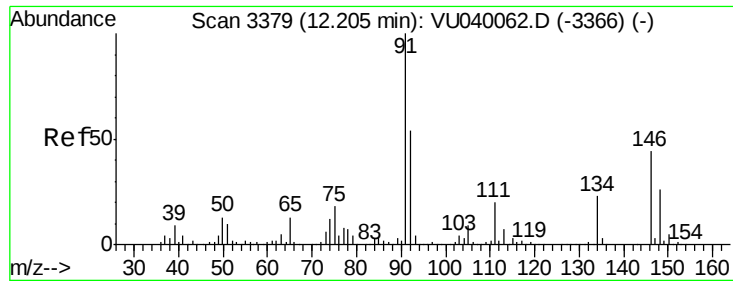
Tgt Ion: 146 Resp: 383892
 Ion Ratio Lower Upper
 146 100
 111 42.9 34.2 51.2
 148 63.3 50.2 75.2



#84
 n-Butylbenzene
 Concen: 20.236 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 91 Resp: 822792
 Ion Ratio Lower Upper
 91 100
 92 52.1 43.0 64.4
 134 23.3 18.6 27.8

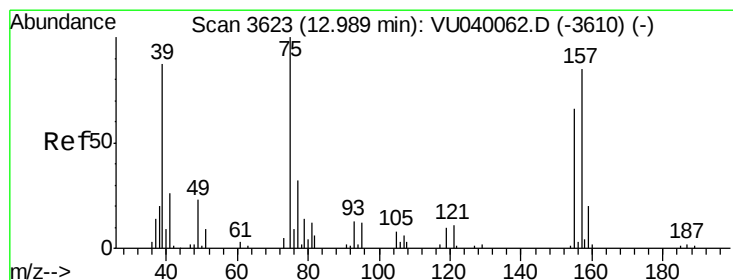
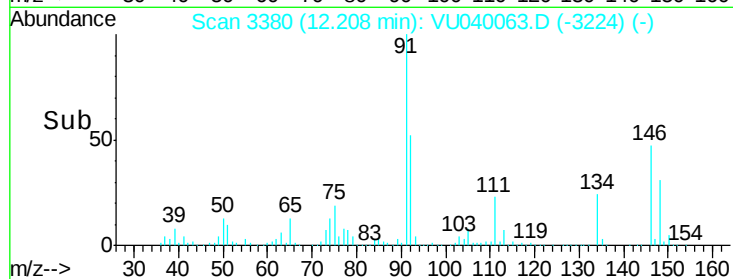
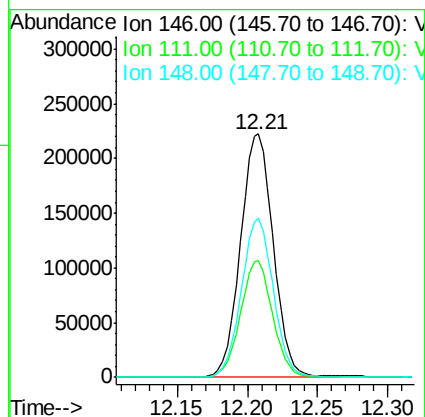
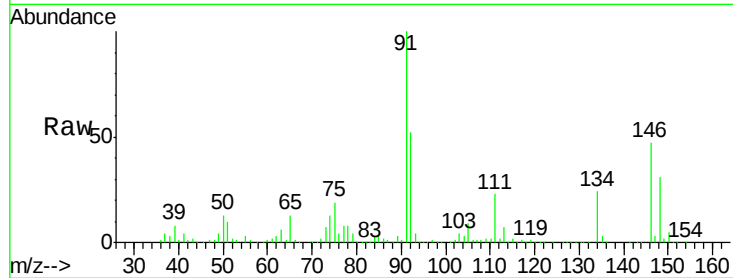




#85
 1,2-Dichlorobenzene
 Concen: 18.958 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

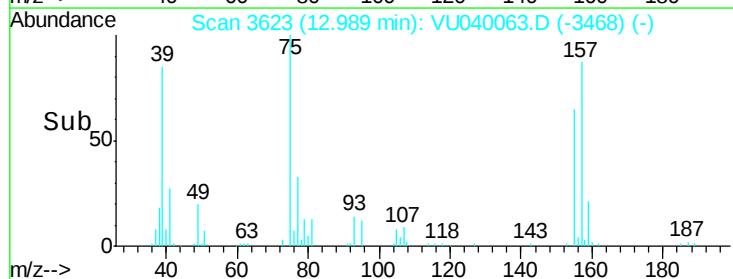
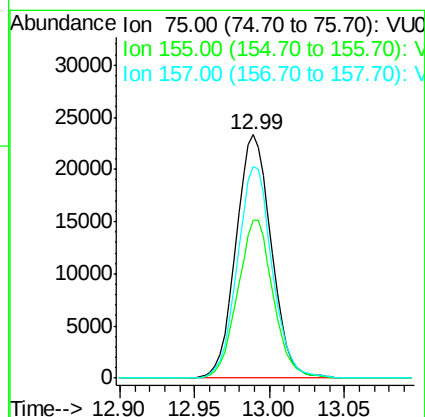
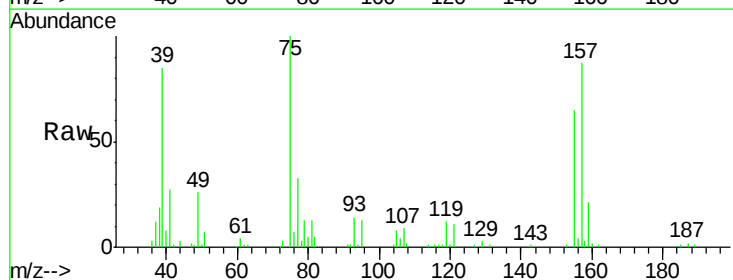
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

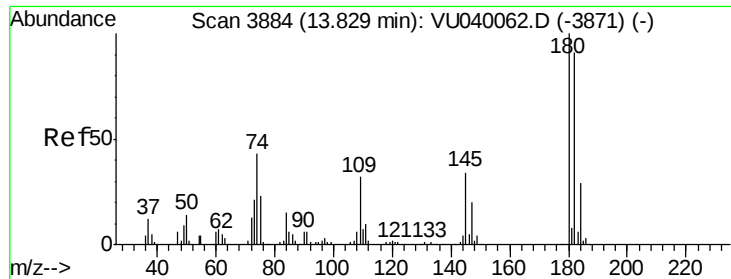
Tgt Ion: 146 Resp: 362519
 Ion Ratio Lower Upper
 146 100
 111 46.8 22.9 68.7
 148 63.6 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 22.046 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion: 75 Resp: 38448
 Ion Ratio Lower Upper
 75 100
 155 64.9 53.4 80.0
 157 85.5 65.8 98.8

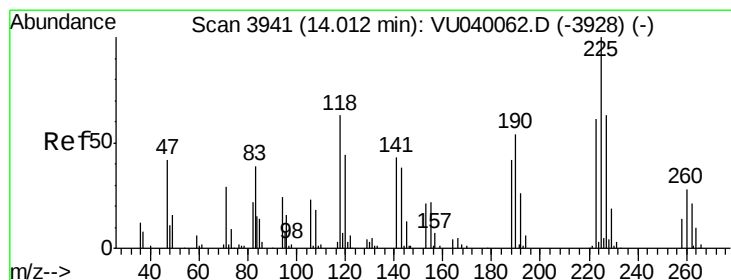
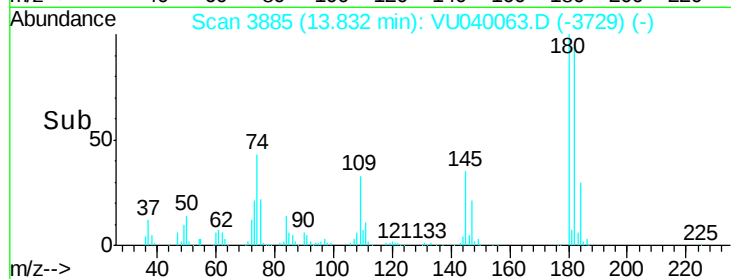
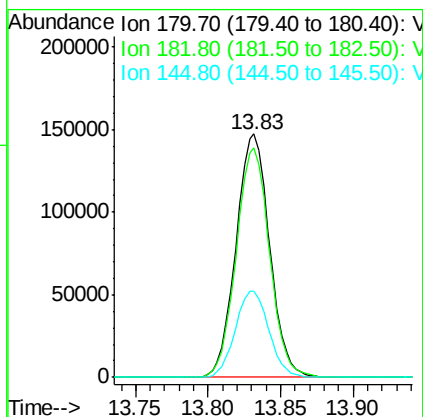
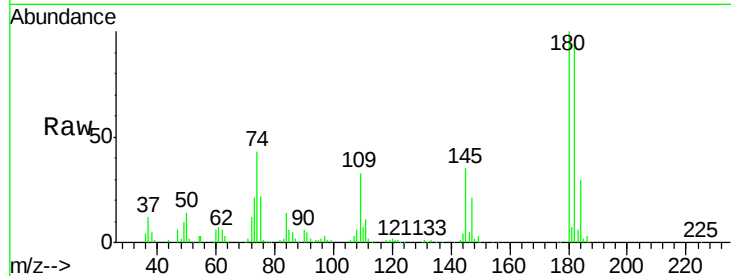




#87
 1,2,4-Trichlorobenzene
 Concen: 19.974 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

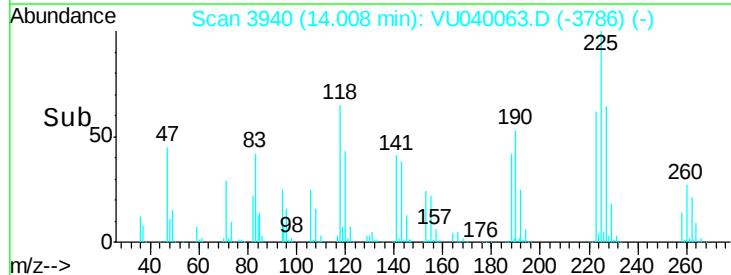
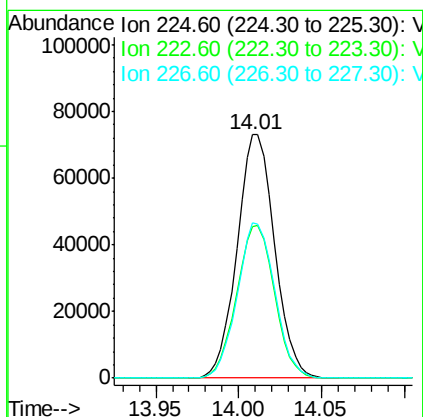
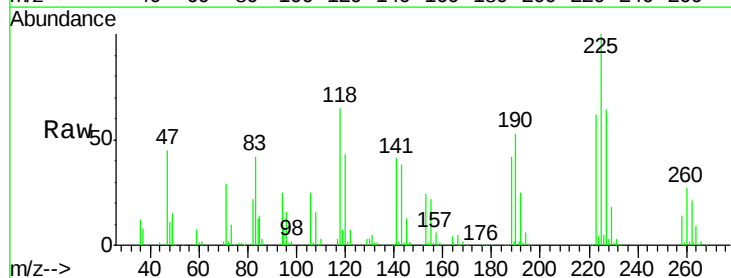
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

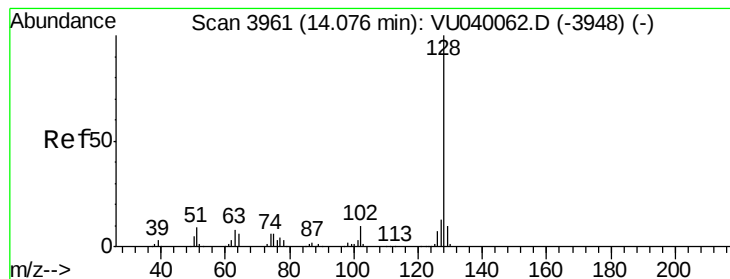
Tgt Ion:180 Resp: 237166
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.0 112.4
 145 35.4 27.7 41.5



#88
 Hexachlorobutadiene
 Concen: 20.823 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: VU040063.D
 Acq: 09 Sep 2020 12:59

Tgt Ion:225 Resp: 114989
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.7 76.1
 227 63.6 51.1 76.7





#89

Naphthalene

Concen: 20.771 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

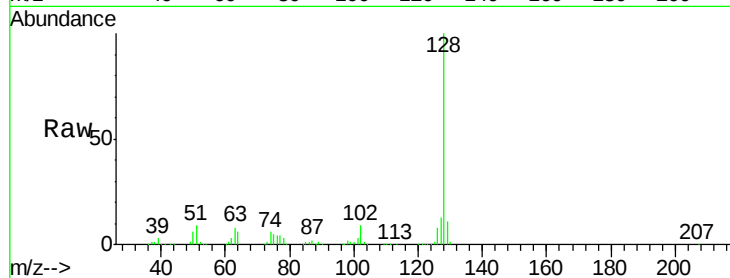
Tgt Ion:128 Resp: 524433

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

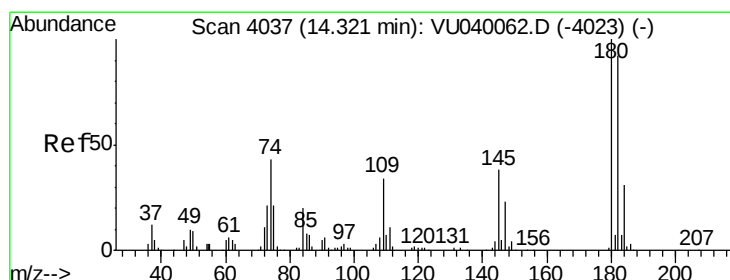
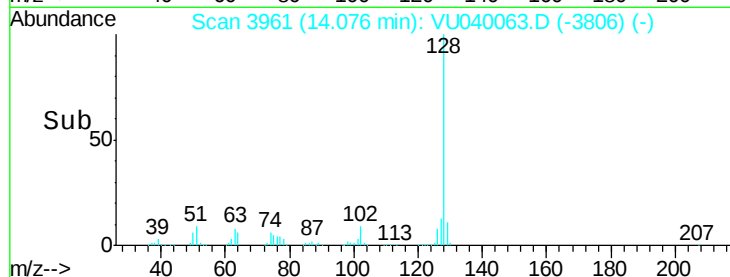
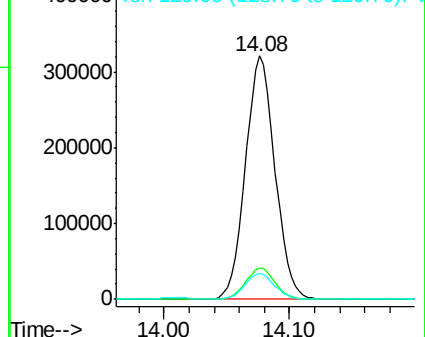
129 10.8 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 19.373 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040063.D

Acq: 09 Sep 2020 12:59

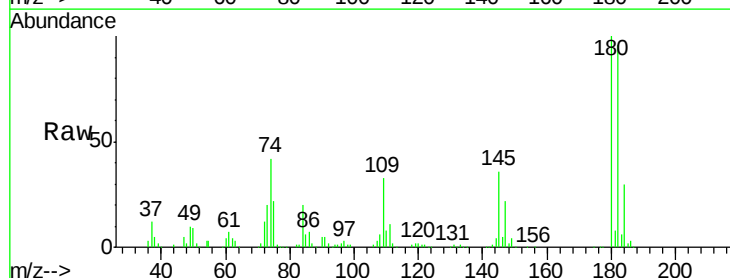
Tgt Ion:180 Resp: 217269

Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 36.9 30.6 45.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

