

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039713.D
 Acq On : 29 Jul 2020 19:54
 Operator : SY/MD
 Sample : VU0729WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

Quant Time: Jul 30 01:49:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	20482	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7418	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7388	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	14104	1.982	ug/l	99
3) Chloromethane	1.53	50	18762	2.122	ug/l	100
4) Vinyl Chloride	1.61	62	16520	2.027	ug/l	96
5) Bromomethane	1.86	94	11658	2.092	ug/l	100
6) Chloroethane	1.94	64	12794	2.263	ug/l	95
7) Trichlorofluoromethane	2.15	101	22589	2.096	ug/l	92
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12628	2.042	ug/l	99
9) 1,1-Dichloroethene	2.59	96	11514	2.023	ug/l	91
10) Iodomethane	2.73	142	13046	2.273	ug/l	99
11) Allyl Chloride	2.93	41	24105	1.964	ug/l	99
12) Acrylonitrile	3.34	53	8796	4.403	ug/l #	91
13) Acetone	2.66	43	18680	9.939	ug/l	99
14) Carbon Disulfide	2.80	76	40881	1.959	ug/l	99
15) Methylene Chloride	3.06	84	15266	1.924	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	12955	2.002	ug/l	96
17) 1,1-Dichloroethane	3.89	63	28234	1.987	ug/l	98
18) 2-Butanone	4.75	43	33439	10.580	ug/l	98
19) Cyclohexane	5.39	56	25469	1.852	ug/l	95
20) Methylcyclohexane	6.77	83	17994	1.766	ug/l	95
21) 2,2-Dichloropropane	4.68	77	21383	1.845	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	14433	2.070	ug/l	95
23) Diethyl Ether	2.39	59	11466	1.971	ug/l	92
24) tert-Butyl Alcohol	3.25	59	12310	10.293	ug/l #	94
25) Methyl tert-Butyl Ether	3.39	73	37233	2.005	ug/l	99
26) Bromochloromethane	4.99	128	5730	2.008	ug/l	93
27) Chloroform	5.11	83	26684	2.007	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	21431	1.992	ug/l	100
29) 1,1-Dichloropropene	5.54	75	21453	2.071	ug/l	99
30) Carbon Tetrachloride	5.54	117	18233	2.073	ug/l	96
31) Isopropyl Ether	4.02	45	52541	2.028	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	44196	2.004	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	29613	1.863	ug/l	99
34) Propionitrile	4.82	54	9179	11.773	ug/l #	82
35) Benzene	5.78	78	48609	1.897	ug/l	100
36) 1,2-Dichloroethane	5.81	62	18984	1.976	ug/l	99
37) Trichloroethene	6.56	130	11292	1.926	ug/l	98
38) 1,2-Dichloropropane	6.80	63	13495	1.911	ug/l	93
39) Methacrylonitrile	5.01	41	8376	2.038	ug/l	96
40) Methyl acrylate	4.87	55	12565	2.371	ug/l	97
41) Tetrahydrofuran	5.10	42	8658	4.188	ug/l #	80
42) 1-Chlorobutane	5.47	56	34135	2.099	ug/l	100

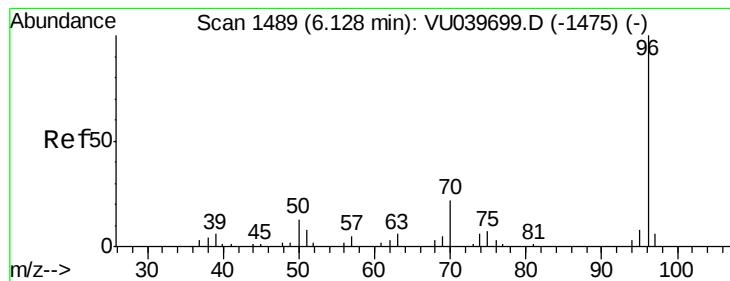
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039713.D
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Quant Time: Jul 30 01:49:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7369	1.939	ug/l	99
44) Bromodichloromethane	7.12	83	16485	1.892	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	55605	9.657	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	16078	9.388	ug/l #	45
47) Methyl methacrylate	6.98	69	13297	3.751	ug/l	94
48) Ethyl methacrylate	8.35	69	11681	1.790	ug/l	100
49) Toluene	7.98	92	27738	1.818	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	13875	1.768	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	16083	1.743	ug/l	91
52) 1,1,2-Trichloroethane	8.41	97	9328	1.889	ug/l	88
53) 1,3-Dichloropropane	8.58	76	17796	1.877	ug/l	96
54) 2-Hexanone	8.70	43	38586	9.360	ug/l	96
55) Dibromochloromethane	8.82	129	10009	1.887	ug/l	98
56) 1,2-Dibromoethane	8.93	107	9216	1.937	ug/l	98
58) Tetrachloroethene	8.56	164	9752	1.900	ug/l	98
59) Chlorobenzene	9.45	112	30100	1.908	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	10189	1.916	ug/l	98
61) Pentachloroethane	11.43	117	8780	1.879	ug/l	91
62) Hexachloroethane	12.47	117	7073	1.651	ug/l	99
63) Ethyl Benzene	9.57	91	49088	1.736	ug/l	99
64) m/p-Xylenes	9.70	106	39702	3.595	ug/l	99
65) o-Xylene	10.10	106	18404	1.755	ug/l	98
66) Styrene	10.11	104	31091	1.730	ug/l	98
67) Bromoform	10.29	173	4688	1.733	ug/l #	93
69) Isopropylbenzene	10.48	105	49144	1.755	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	13611	1.915	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	16078	3.002	ug/l	84
72) Bromobenzene	10.78	156	11643	1.830	ug/l	99
73) n-propylbenzene	10.91	120	13247	1.682	ug/l	94
74) 2-Chlorotoluene	10.99	126	11849	1.781	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	42649	1.761	ug/l	97
76) 4-Chlorotoluene	11.10	126	12625	1.832	ug/l	99
77) tert-Butylbenzene	11.42	119	41537	1.788	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	44195	1.780	ug/l	99
79) sec-Butylbenzene	11.64	105	58432	1.767	ug/l	100
80) Nitrobenzene	13.20	77	783	7.428	ug/l #	85
81) p-Isopropyltoluene	11.79	119	45752	1.717	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	25116	1.835	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	25536	1.854	ug/l	99
84) n-Butylbenzene	12.20	91	46621	1.647	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	24154	1.830	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2065	1.724	ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	13564	1.643	ug/l	99
88) Hexachlorobutadiene	14.01	225	6516	1.739	ug/l	99
89) Naphthalene	14.08	128	27475	1.556	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	13587	1.744	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

Tot Ion: 96 Resp: 20482

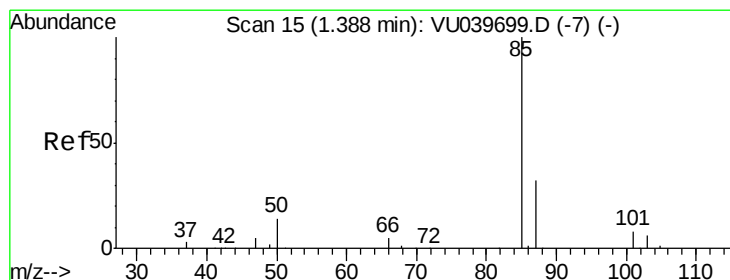
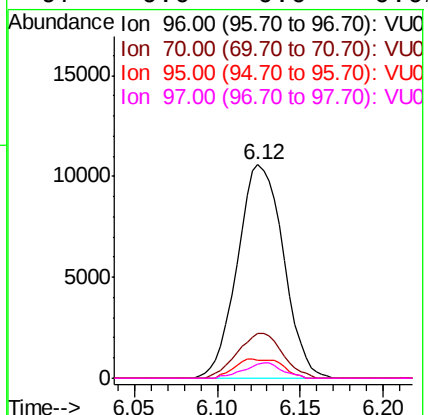
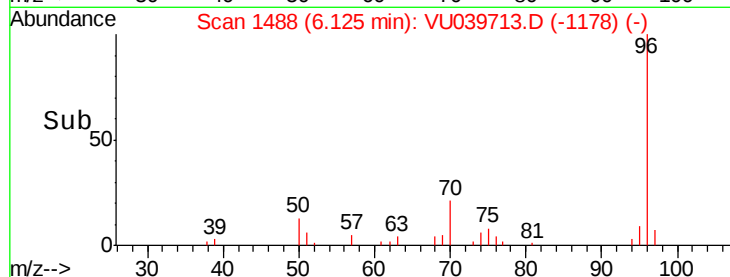
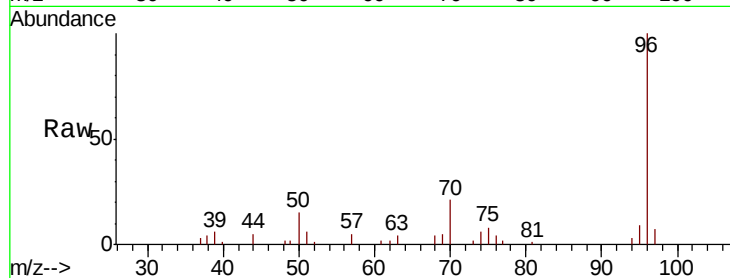
Ion Ratio Lower Upper

96 100

70 20.7 16.3 24.5

95 9.1 6.8 10.2

97 6.0 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.982 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039713.D

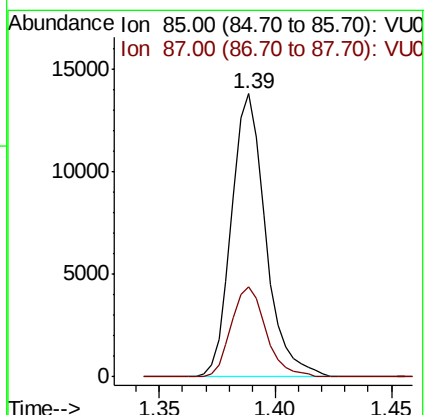
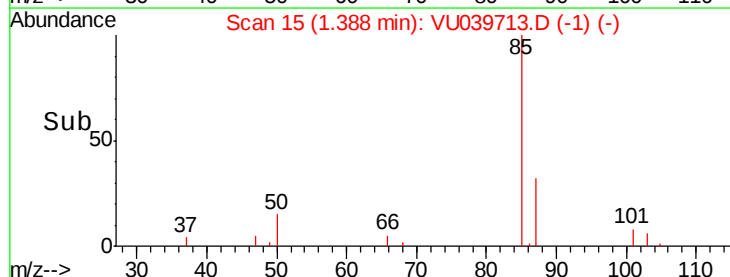
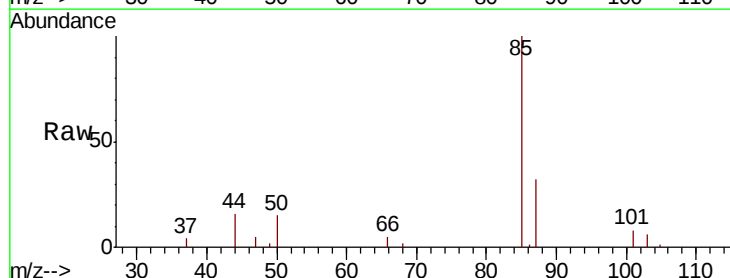
Acq: 29 Jul 2020 19:54

Tgt Ion: 85 Resp: 14104

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6

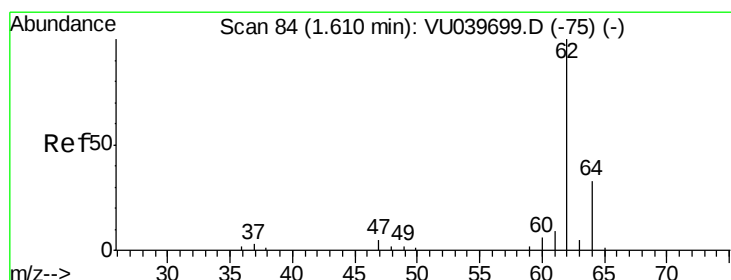
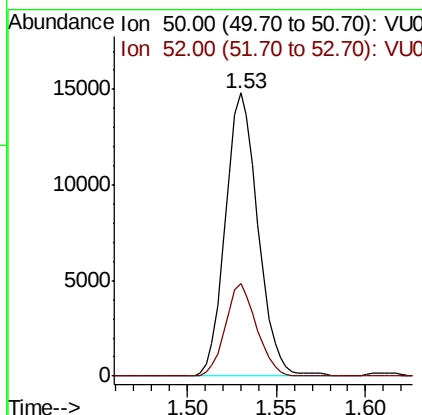
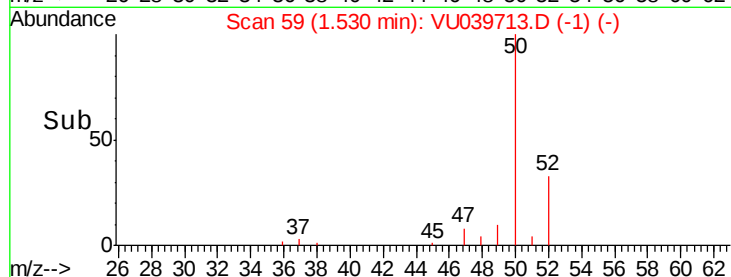
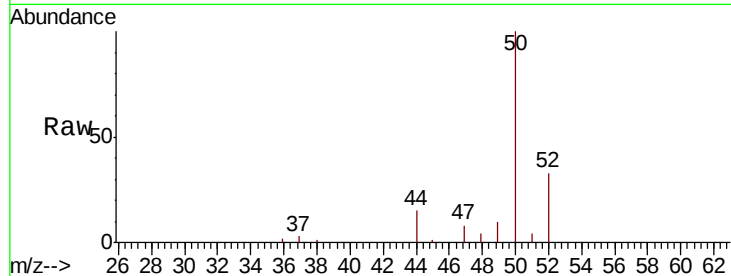




#3
 Chloromethane
 Concen: 2.122 ug/l
 RT: 1.53 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

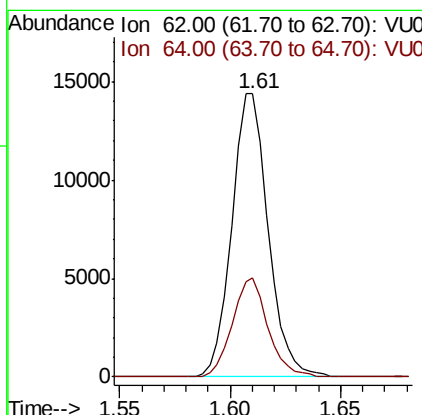
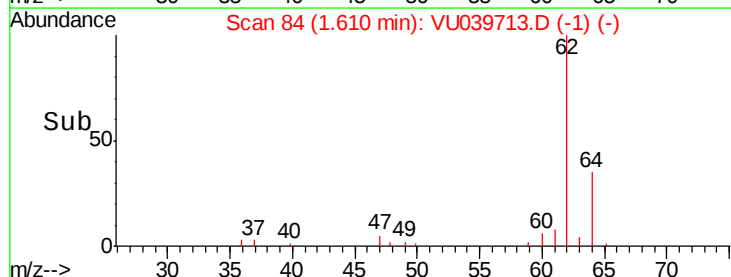
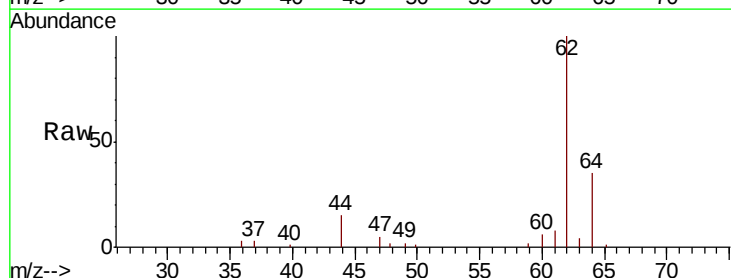
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

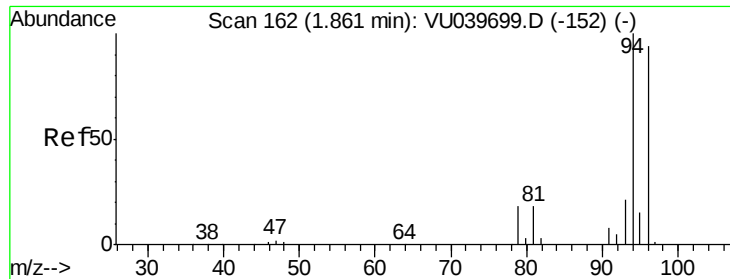
Tot Ion: 50 Resp: 18762
 Ion Ratio Lower Upper
 50 100
 52 32.6 26.0 39.0



#4
 Vinyl Chloride
 Concen: 2.027 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion: 62 Resp: 16520
 Ion Ratio Lower Upper
 62 100
 64 34.8 26.0 39.0





#5

Bromomethane

Concen: 2.092 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

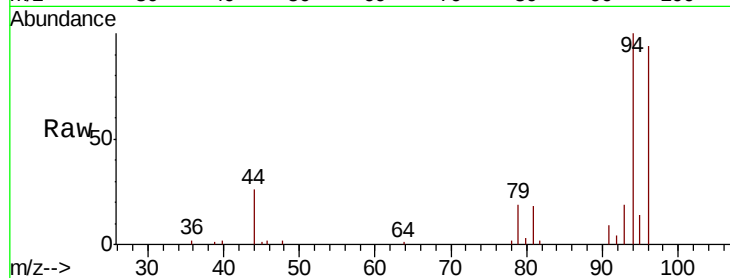
VU0729WBS01

Tot Ion: 94 Resp: 11658

Ion Ratio Lower Upper

94 100

96 93.7 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039699.D (-152) (-)

1.86

8000

6000

4000

2000

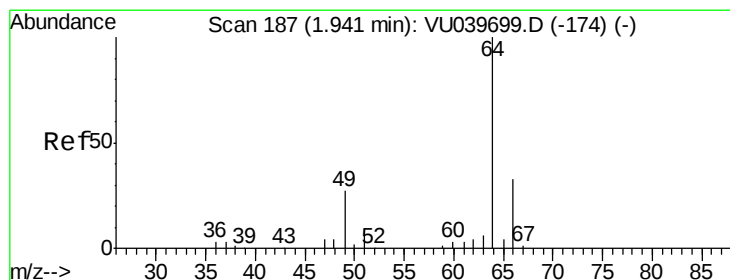
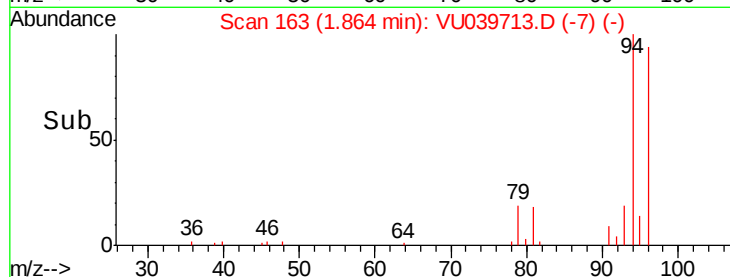
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Time-->

1.80

1.85

1.90



#6

Chloroethane

Concen: 2.263 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039713.D

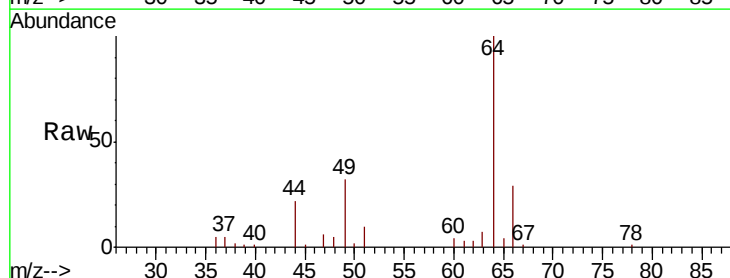
Acq: 29 Jul 2020 19:54

Tgt Ion: 64 Resp: 12794

Ion Ratio Lower Upper

64 100

66 29.8 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039699.D (-174) (-)

1.94

12000

10000

8000

6000

4000

2000

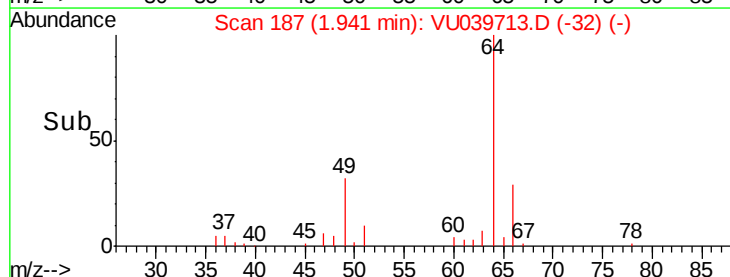
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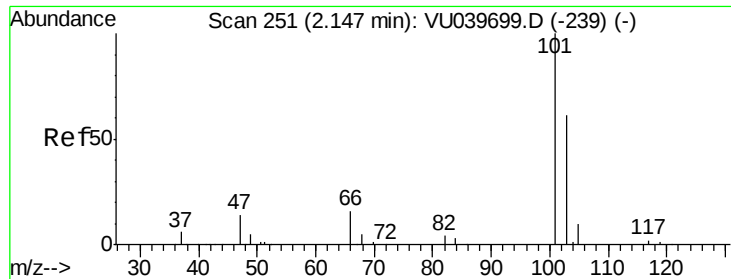
Time-->

1.90

1.95

2.00



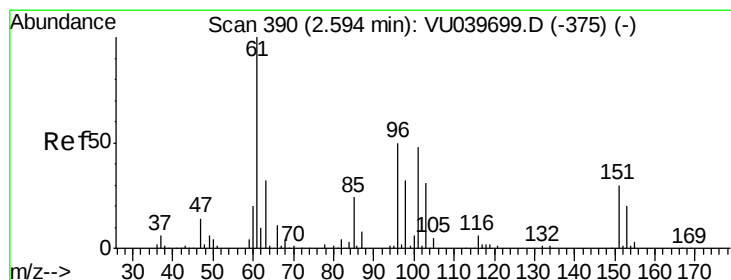
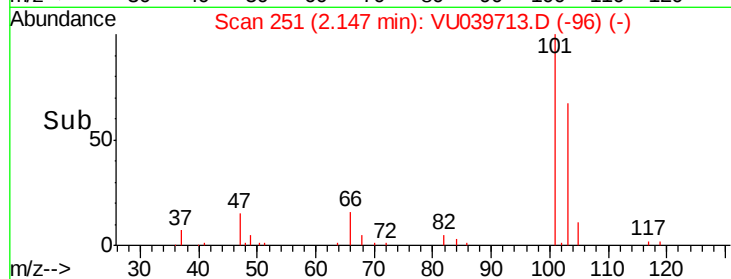
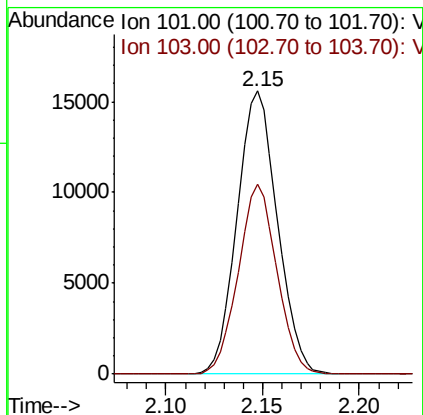
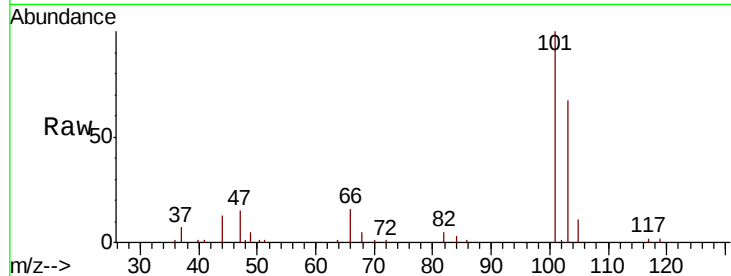


#7

Trichlorofluoromethane
 Concen: 2.096 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

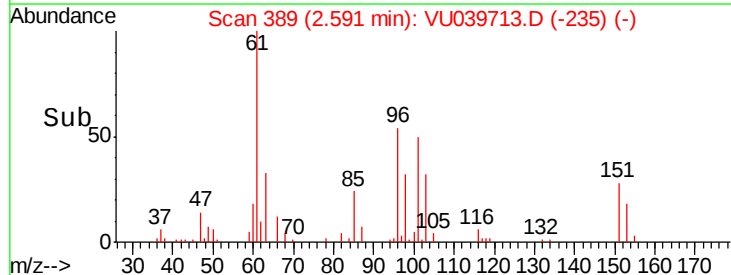
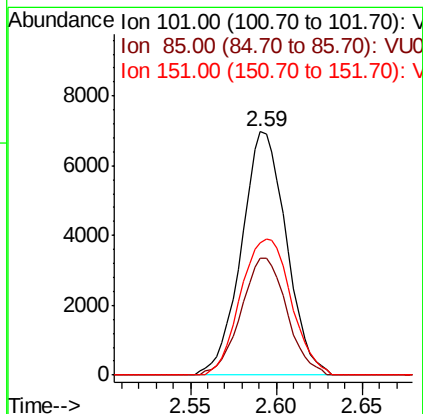
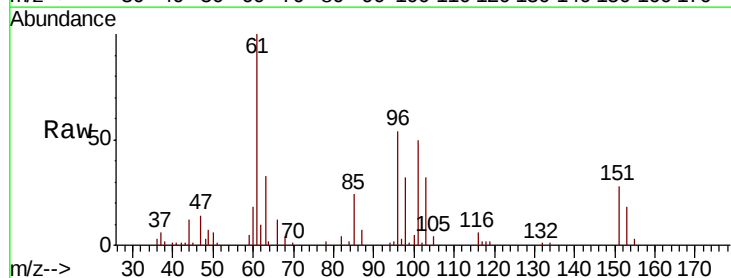
Tot Ion:101 Resp: 22589
 Ion Ratio Lower Upper
 101 100
 103 67.2 48.8 73.2

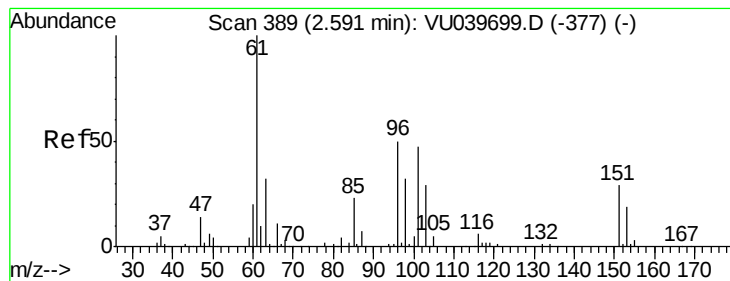


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.042 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion:101 Resp: 12628
 Ion Ratio Lower Upper
 101 100
 85 49.0 39.9 59.9
 151 62.8 51.0 76.4





#9

1,1-Dichloroethene

Concen: 2.023 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

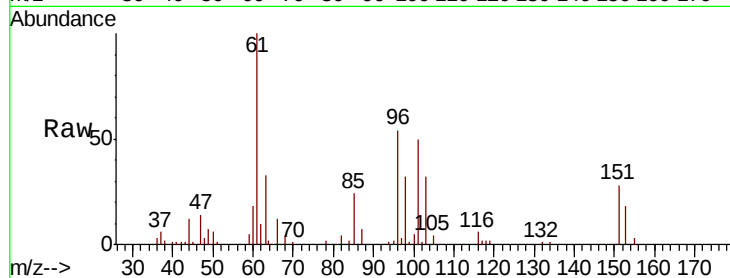
Tot Ion: 96 Resp: 11514

Ion Ratio Lower Upper

96 100

61 185.1 0.0 604.5

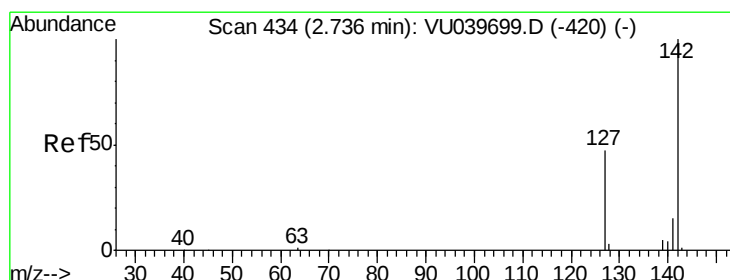
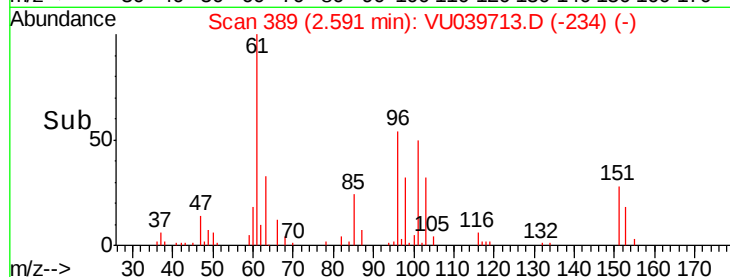
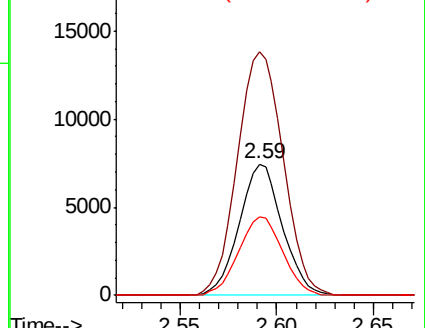
98 59.9 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039713.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039713.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039713.D (-234) (-)



#10

Iodomethane

Concen: 2.273 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039713.D

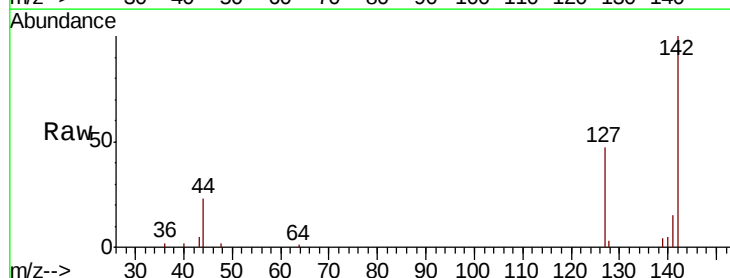
Acq: 29 Jul 2020 19:54

Tgt Ion:142 Resp: 13046

Ion Ratio Lower Upper

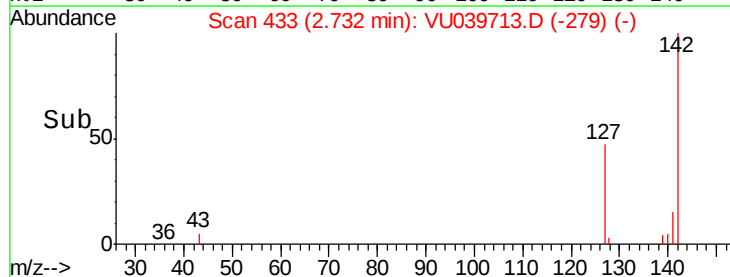
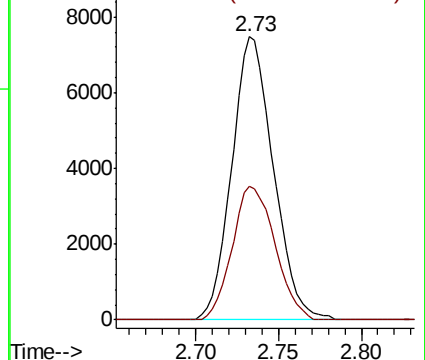
142 100

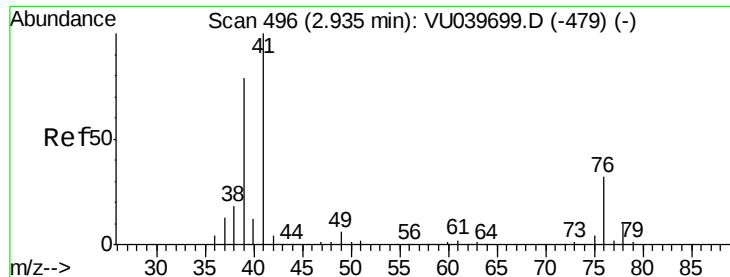
127 48.4 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039713.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039713.D (-279) (-)

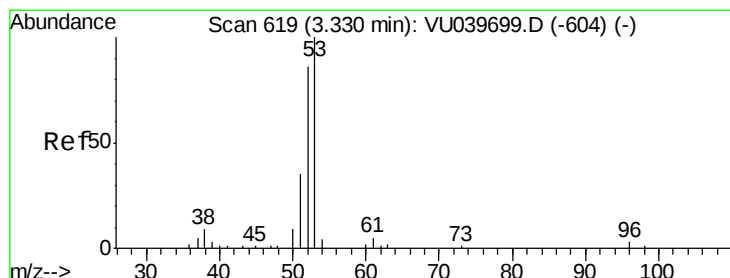
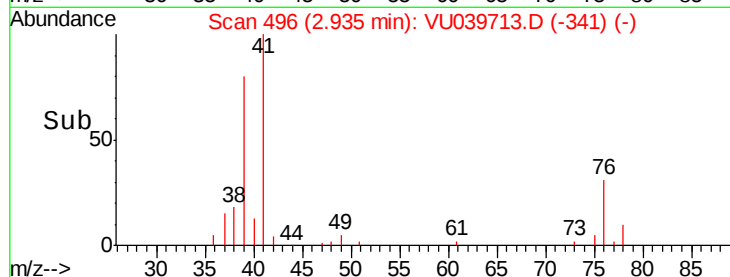
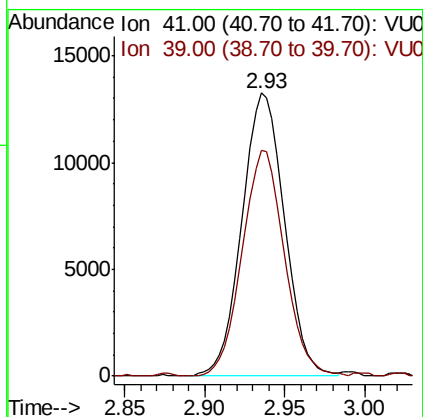
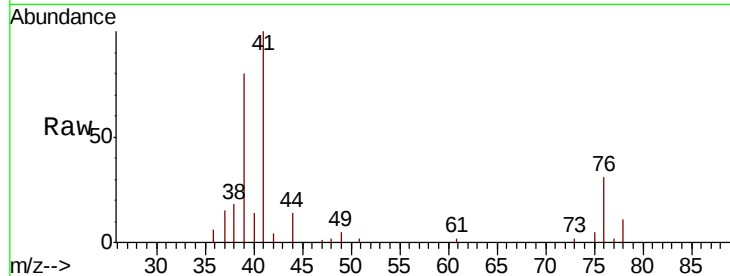




#11
Allvl Chloride
Concen: 1.964 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

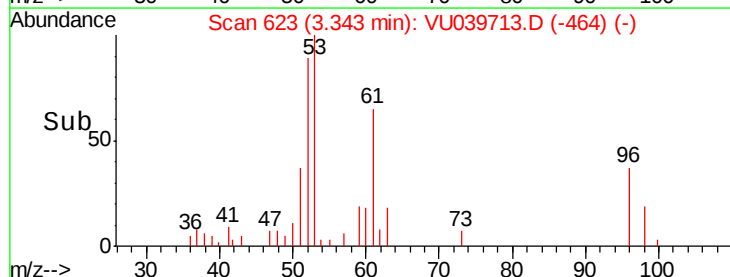
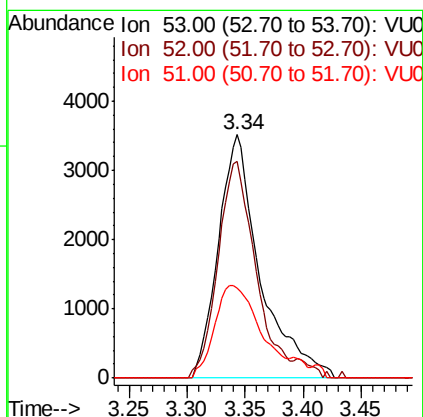
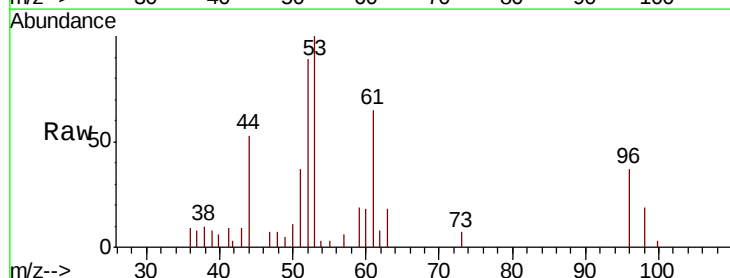
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion: 41 Resp: 24105
Ion Ratio Lower Upper
41 100
39 79.2 64.2 96.2



#12
Acrylonitrile
Concen: 4.403 ug/l
RT: 3.34 min Scan# 623
Delta R.T. 0.01 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 53 Resp: 8796
Ion Ratio Lower Upper
53 100
52 79.8 69.1 103.7
51 44.6 29.4 44.2#





#13

Acetone

Concen: 9.939 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.02 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

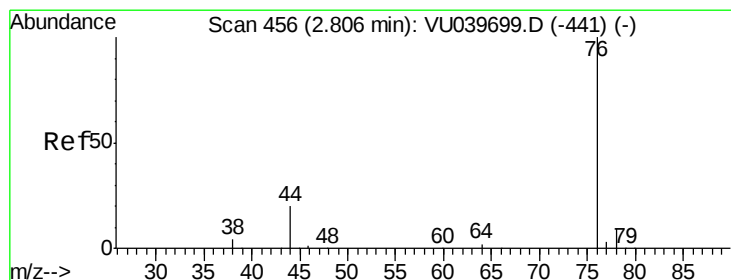
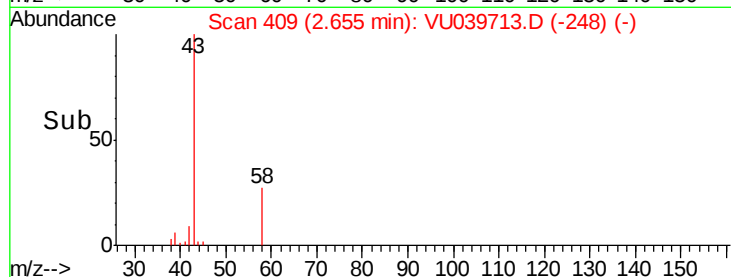
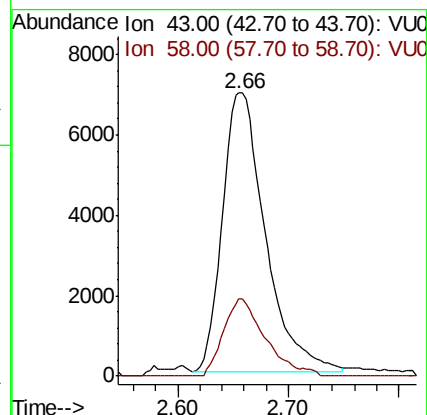
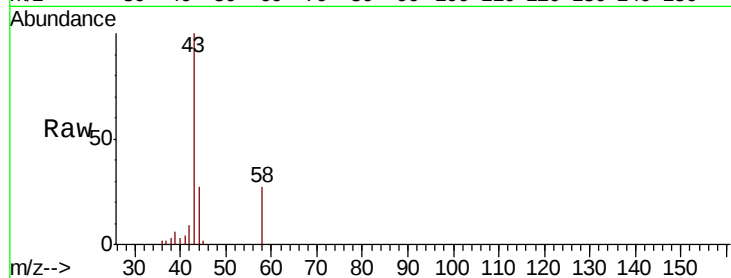
VU0729WBS01

Tot Ion: 43 Resp: 18680

Ion Ratio Lower Upper

43 100

58 27.8 21.8 32.6



#14

Carbon Disulfide

Concen: 1.959 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039713.D

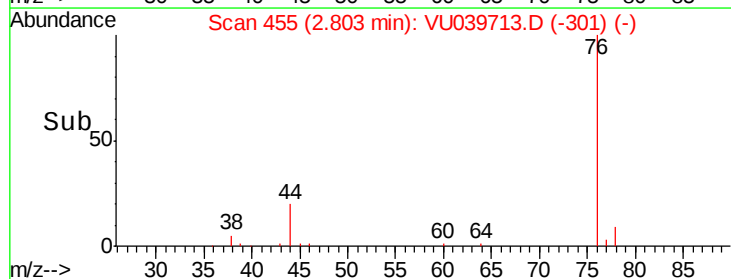
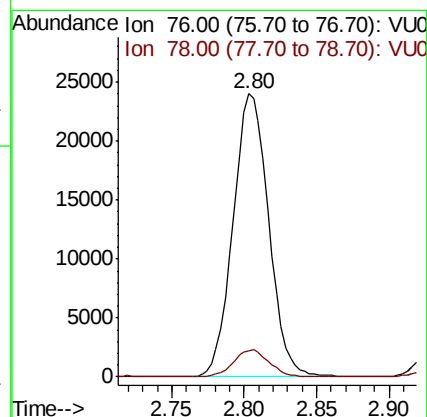
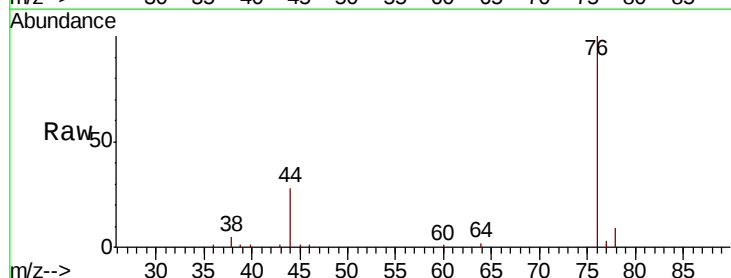
Acq: 29 Jul 2020 19:54

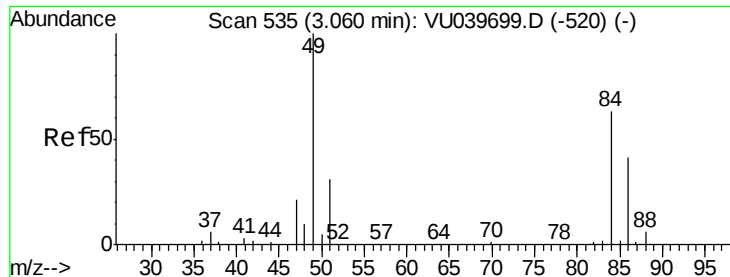
Tgt Ion: 76 Resp: 40881

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

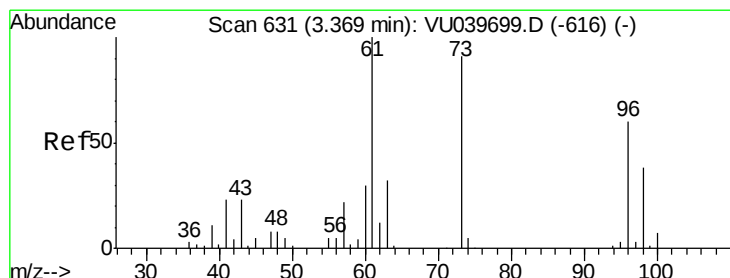
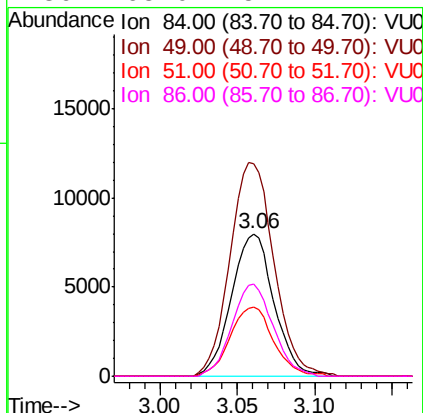
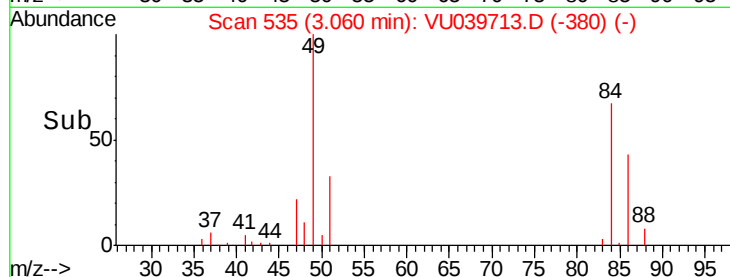
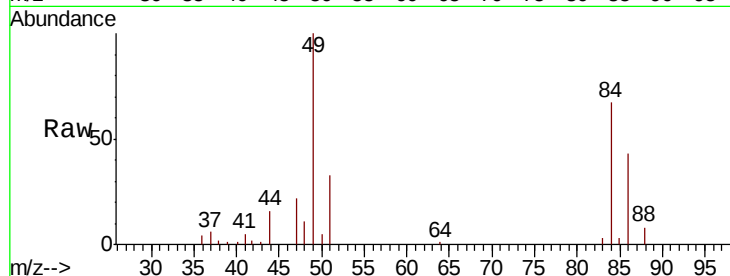




#15
Methvlene Chloride
Concen: 1.924 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

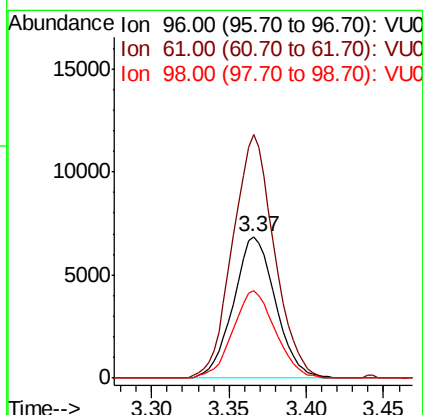
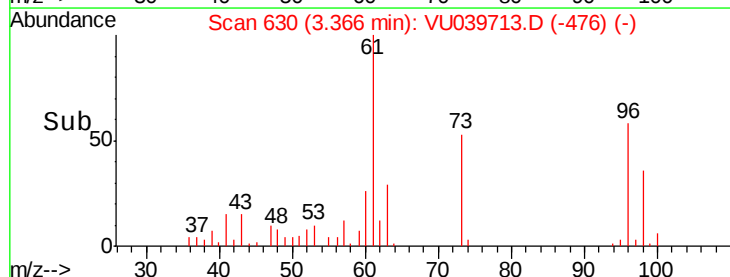
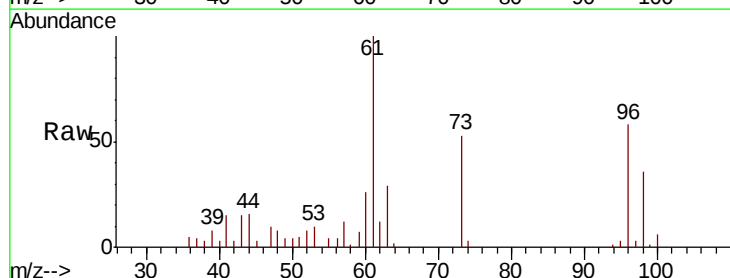
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

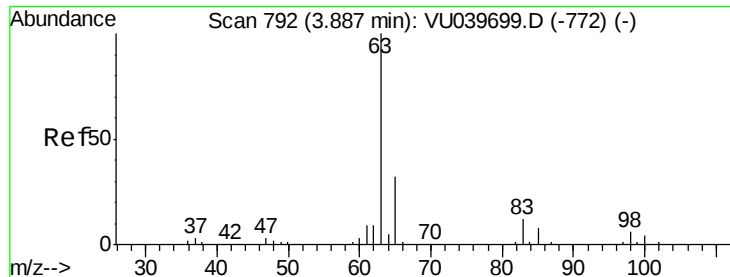
Tot Ion: 84 Resp: 15266
Ion Ratio Lower Upper
84 100
49 149.7 126.8 190.2
51 48.9 0.0 97.2
86 65.0 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 2.002 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 96 Resp: 12955
Ion Ratio Lower Upper
96 100
61 172.4 132.6 199.0
98 61.8 50.2 75.2

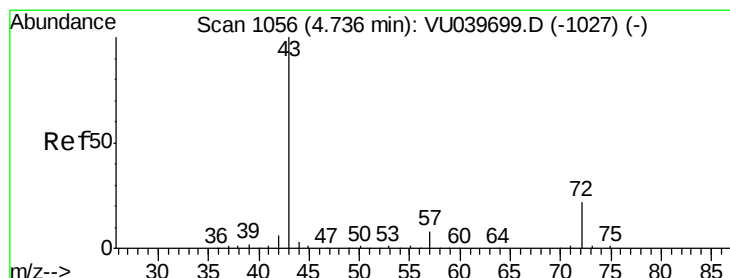
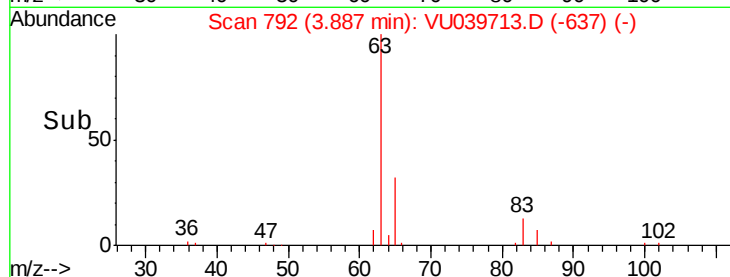
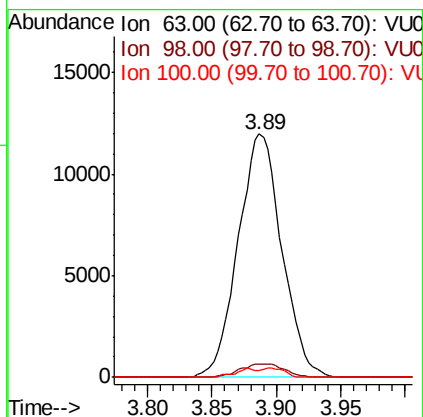
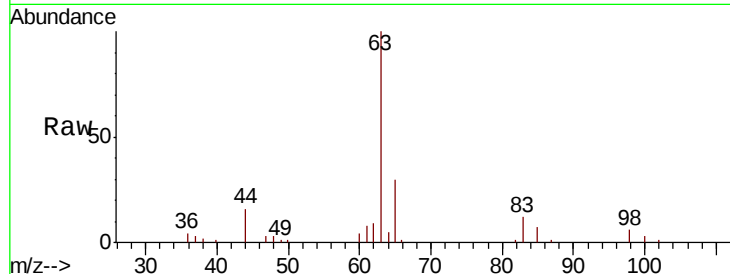




#17
 1,1-Dichloroethane
 Concen: 1.987 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

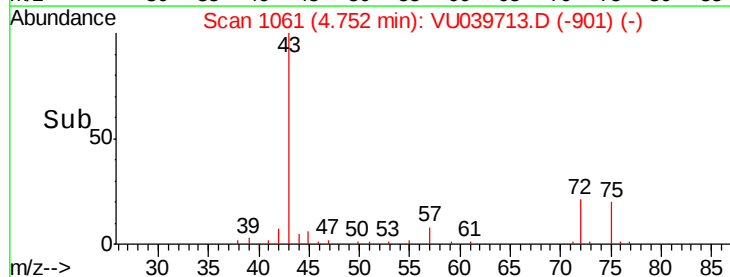
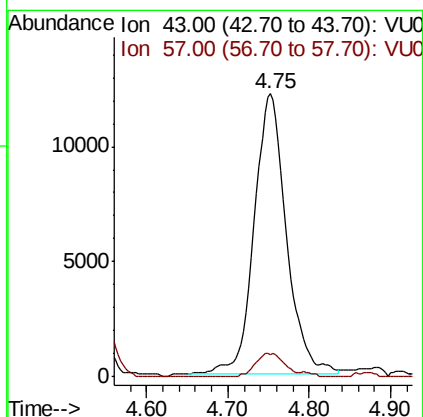
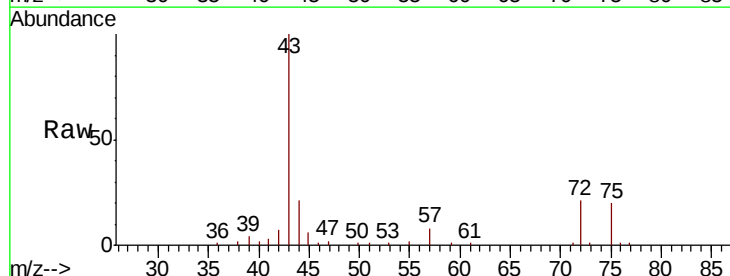
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

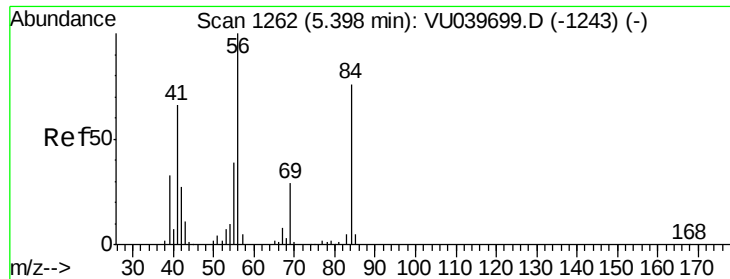
Tot Ion: 63 Resp: 28234
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.7
 100 2.7 2.0 6.0



#18
 2-Butanone
 Concen: 10.580 ug/l
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.02 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion: 43 Resp: 33439
 Ion Ratio Lower Upper
 43 100
 57 8.2 0.0 15.2

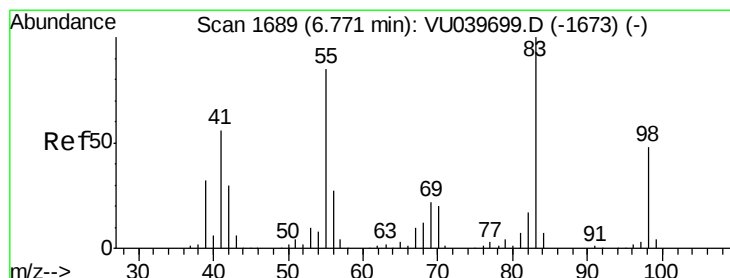
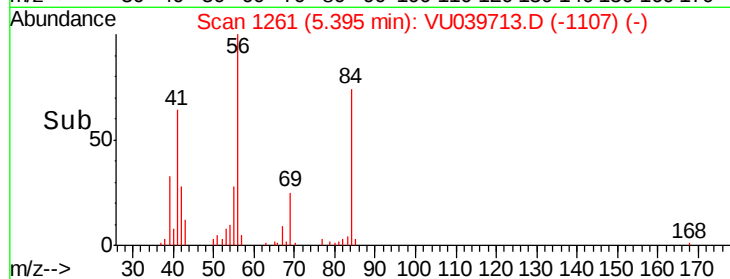
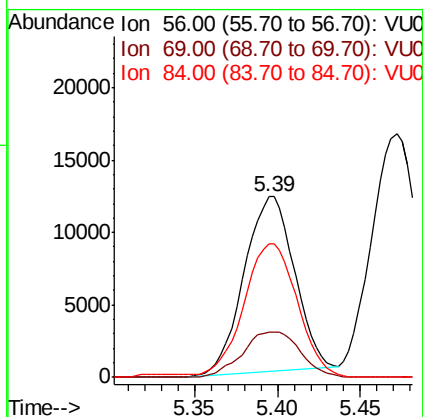
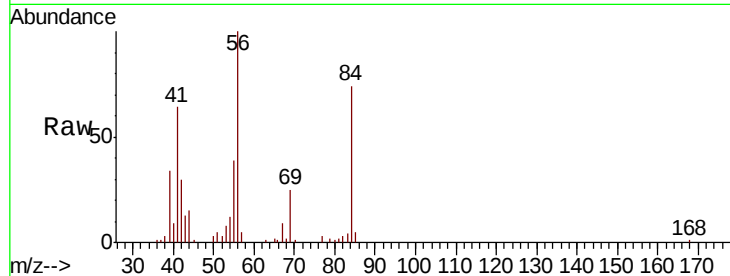




#19
Cyclohexane
Concen: 1.852 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

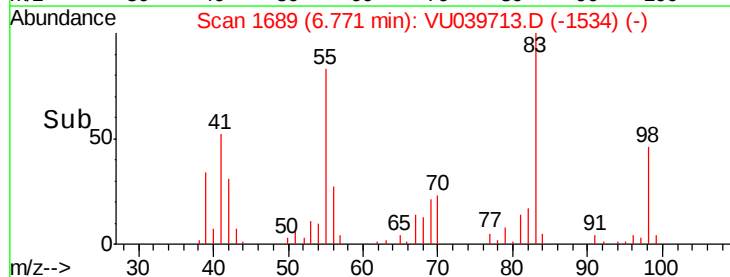
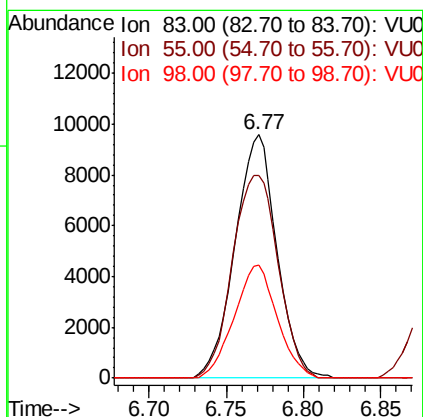
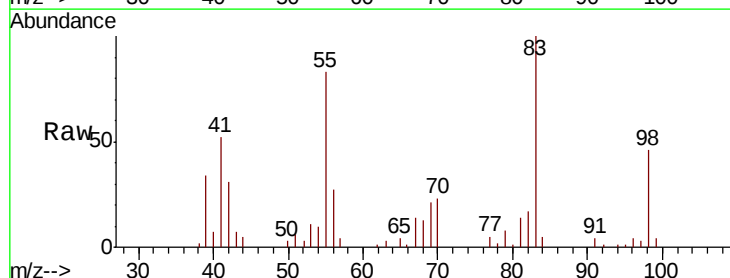
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

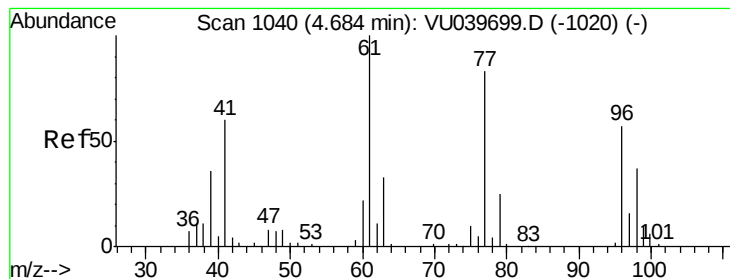
Tot Ion: 56 Resp: 25469
Ion Ratio Lower Upper
56 100
69 29.7 22.8 34.2
84 79.6 59.9 89.9



#20
Methylcyclohexane
Concen: 1.766 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 83 Resp: 17994
Ion Ratio Lower Upper
83 100
55 91.2 67.6 101.4
98 47.7 37.3 55.9





#21

2,2-Dichloropropane

Concen: 1.845 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

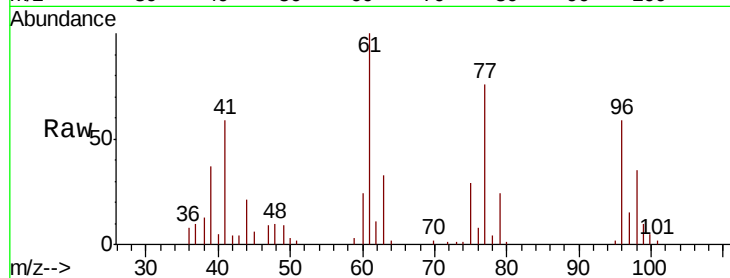
VU0729WBS01

Tot Ion: 77 Resp: 21383

Ion Ratio Lower Upper

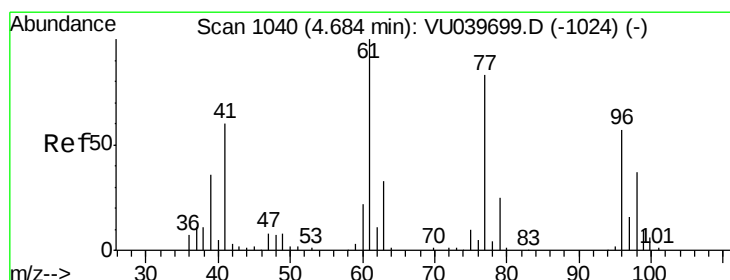
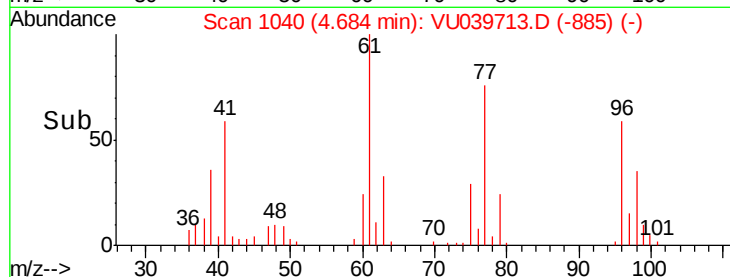
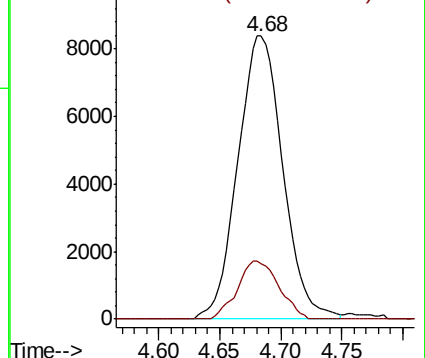
77 100

97 19.0 15.2 22.8



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.070 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

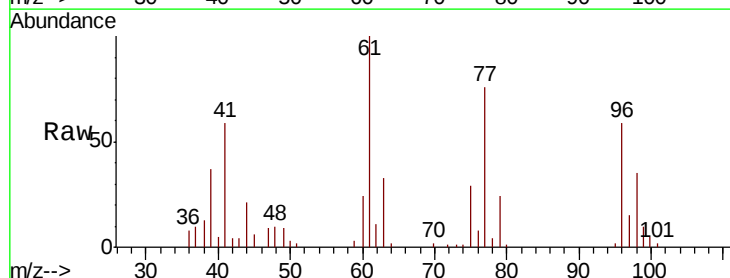
Tgt Ion: 96 Resp: 14433

Ion Ratio Lower Upper

96 100

61 175.7 0.0 451.3

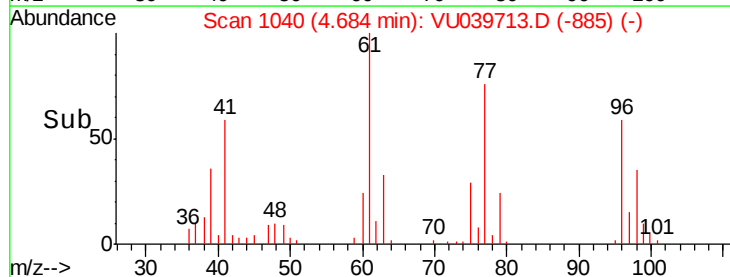
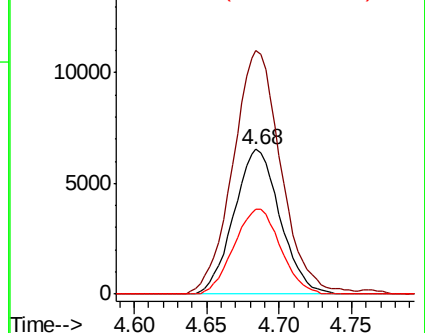
98 59.2 32.6 98.0

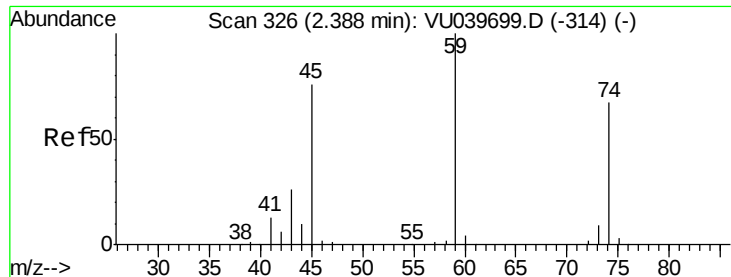


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

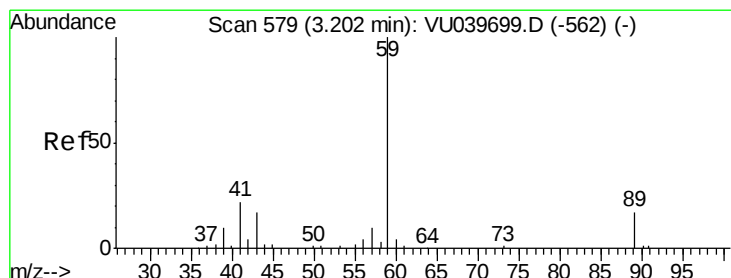
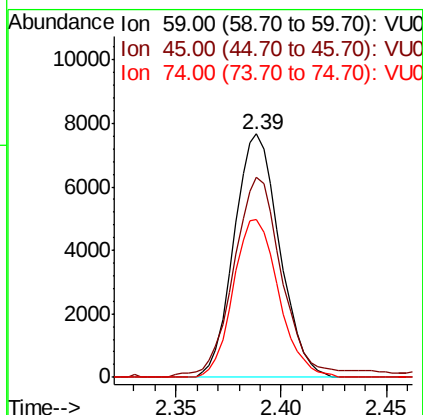
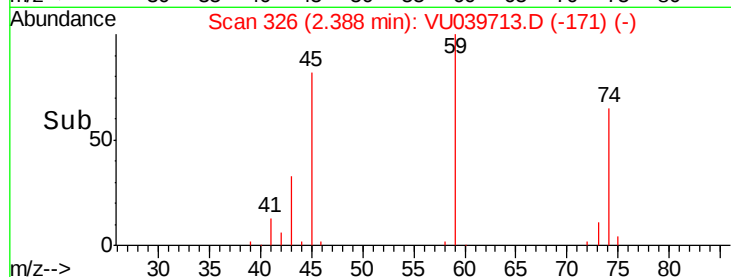
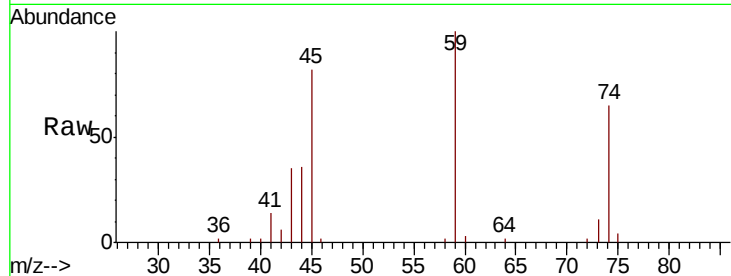




#23
Diethyl Ether
Concen: 1.971 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

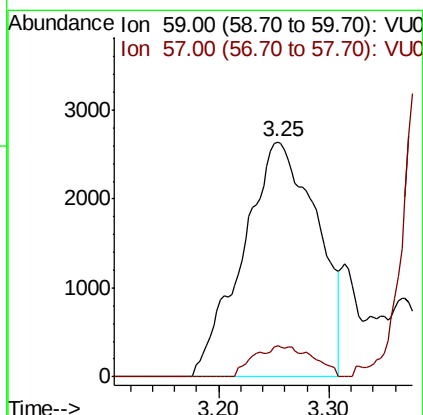
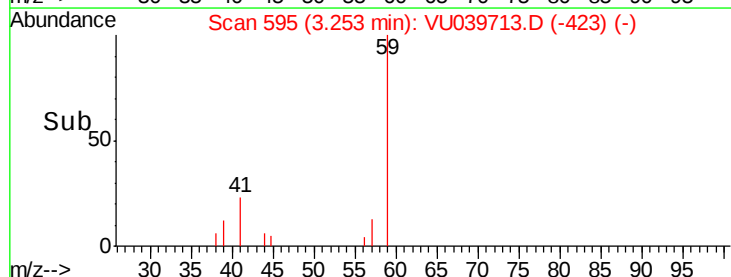
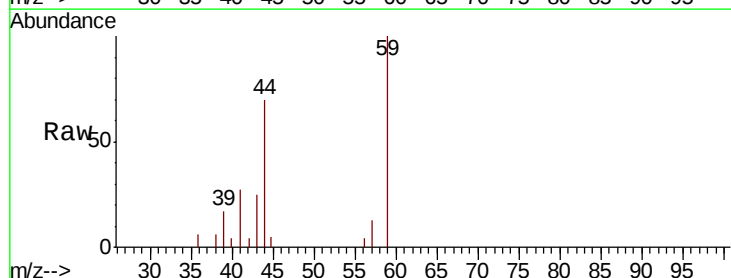
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

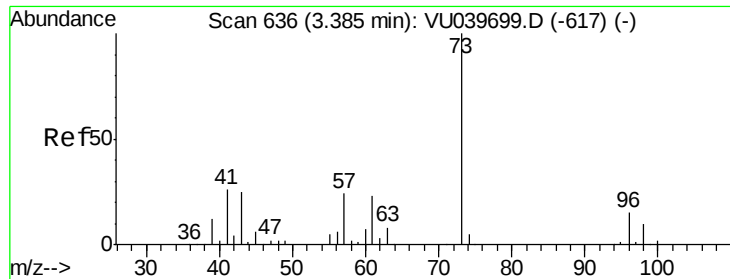
Tot Ion: 59 Resp: 11466
Ion Ratio Lower Upper
59 100
45 87.7 61.5 92.3
74 65.2 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 10.293 ug/l
RT: 3.25 min Scan# 595
Delta R.T. 0.05 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 59 Resp: 12310
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.6#

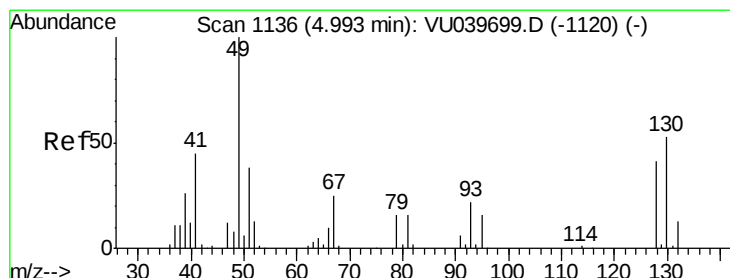
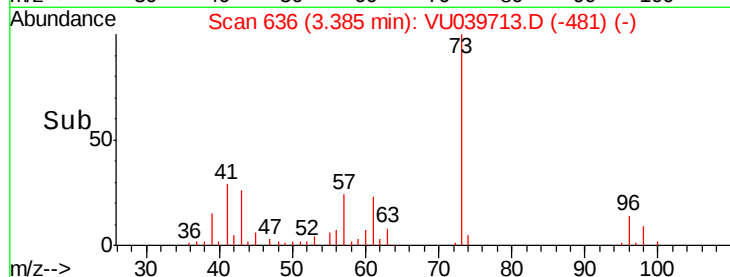
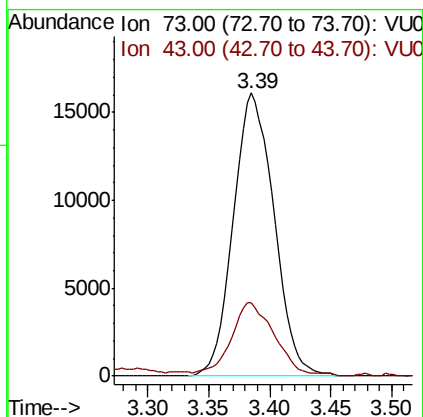
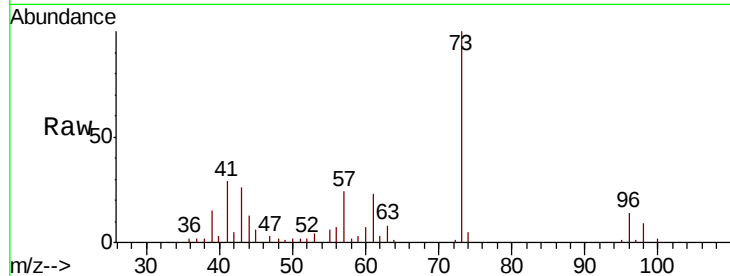




#25
Methvl tert-Butvl Ether
Concen: 2.005 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

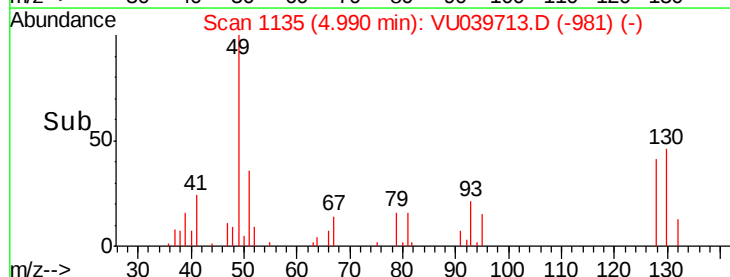
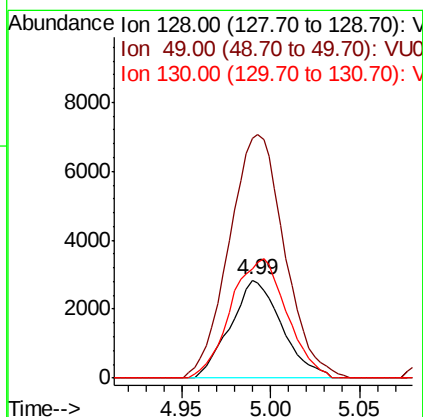
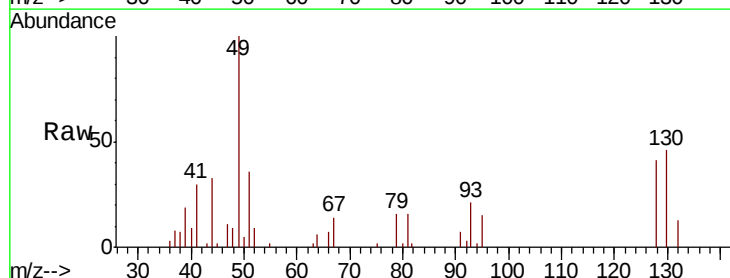
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

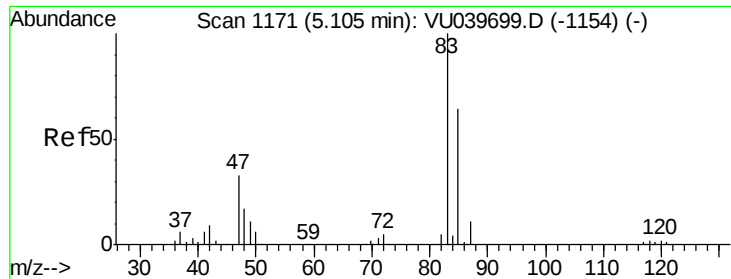
Tot Ion: 73 Resp: 37233
Ion Ratio Lower Upper
73 100
43 25.5 20.1 30.1



#26
Bromochloromethane
Concen: 2.008 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 128 Resp: 5730
Ion Ratio Lower Upper
128 100
49 267.0 0.0 503.8
130 132.2 102.7 154.1

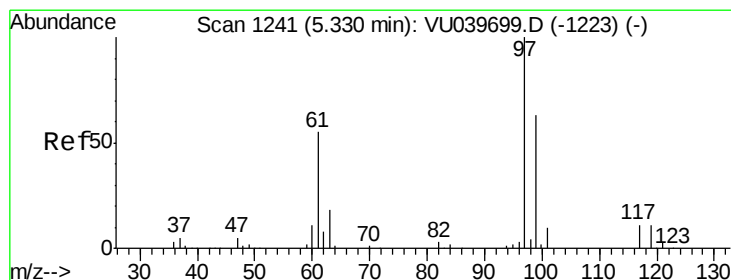
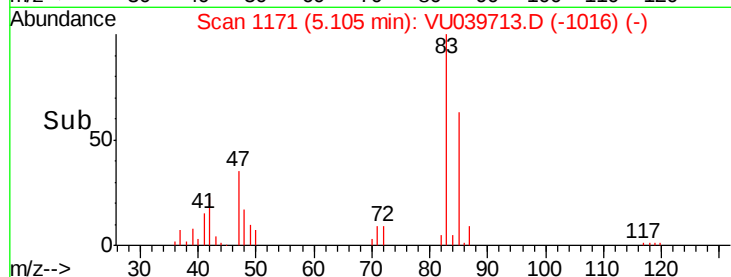
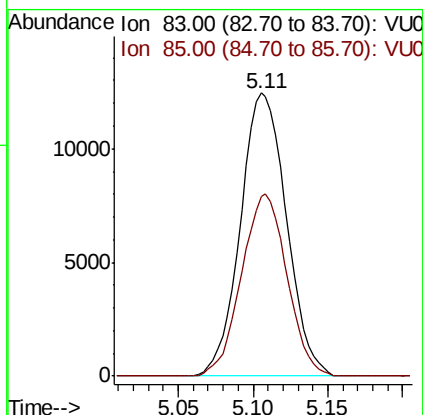
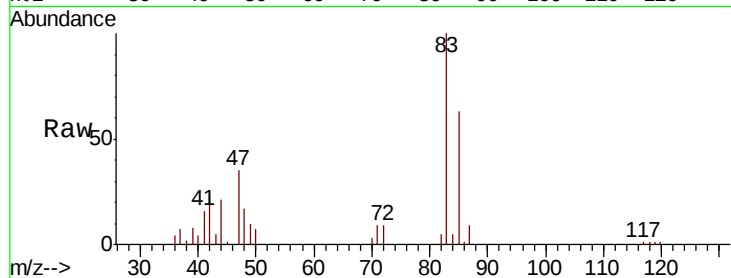




#27
Chloroform
Concen: 2.007 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

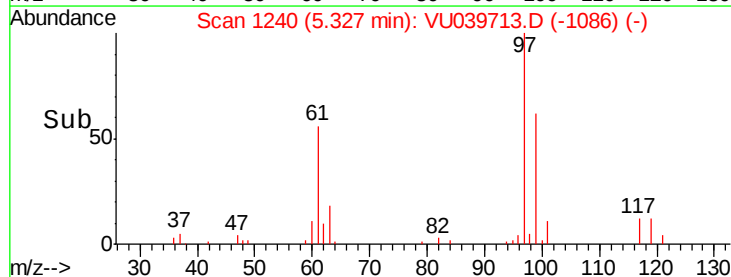
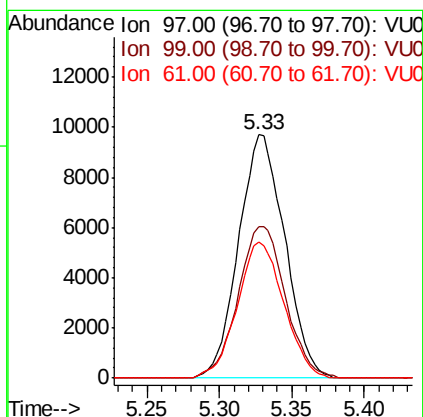
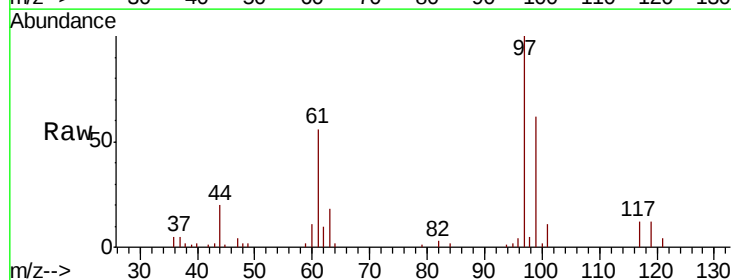
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

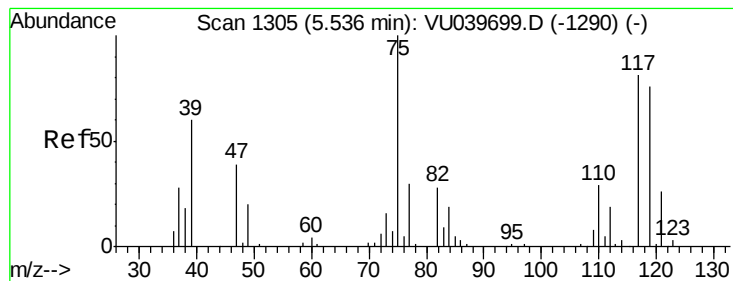
Tot Ion: 83 Resp: 26684
Ion Ratio Lower Upper
83 100
85 63.3 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 1.992 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 97 Resp: 21431
Ion Ratio Lower Upper
97 100
99 64.0 32.2 96.6
61 56.4 28.3 85.0





#29

1,1-Dichloropropene

Concen: 2.071 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

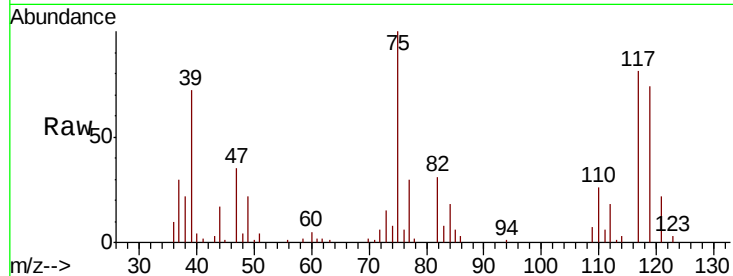
Tot Ion: 75 Resp: 21453

Ion Ratio Lower Upper

75 100

110 28.2 14.6 44.0

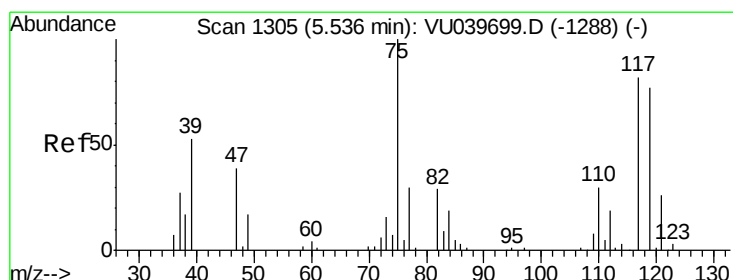
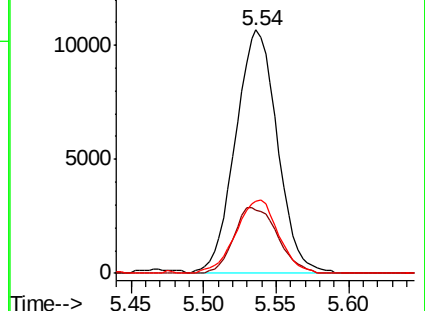
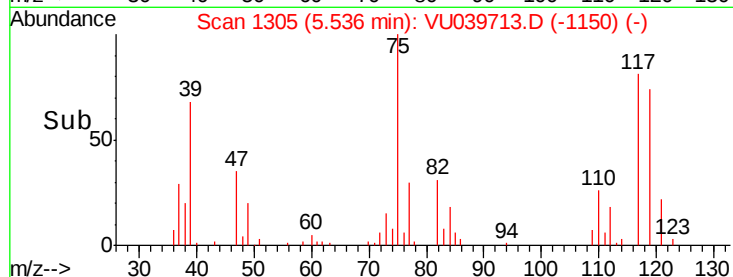
77 30.8 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039713.D (-1150) (-)

Ion 110.00 (109.70 to 110.70): VU039713.D (-1150) (-)

Ion 77.00 (76.70 to 77.70): VU039713.D (-1150) (-)



#30

Carbon Tetrachloride

Concen: 2.073 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

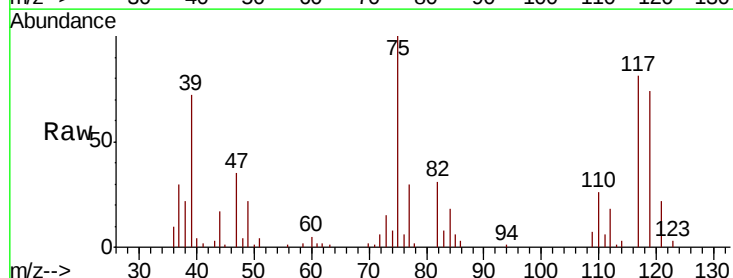
Tgt Ion: 117 Resp: 18233

Ion Ratio Lower Upper

117 100

119 91.5 75.2 112.8

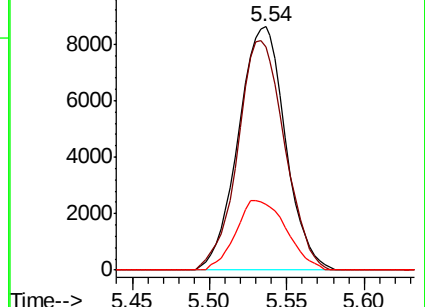
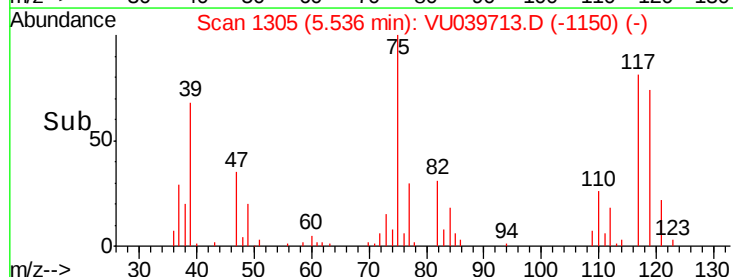
121 27.1 25.4 38.2

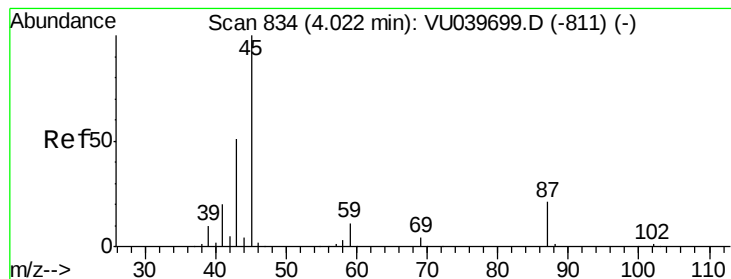


Abundance Ion 117.00 (116.70 to 117.70): VU039713.D (-1150) (-)

Ion 119.00 (118.70 to 119.70): VU039713.D (-1150) (-)

Ion 121.00 (120.70 to 121.70): VU039713.D (-1150) (-)





#31

Isopropyl Ether

Concen: 2.028 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

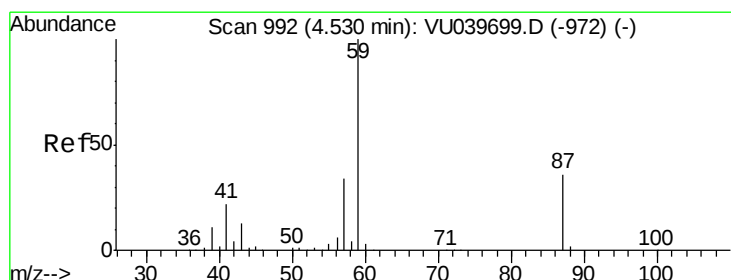
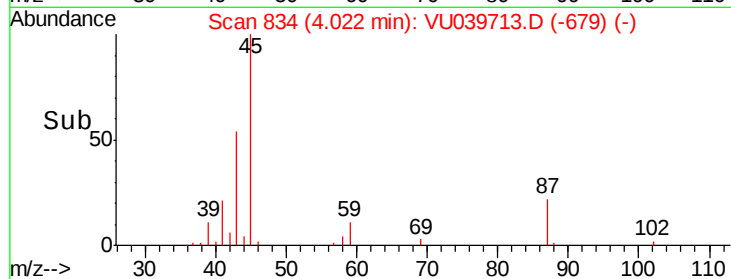
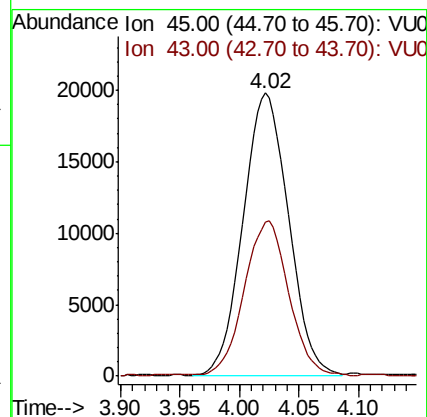
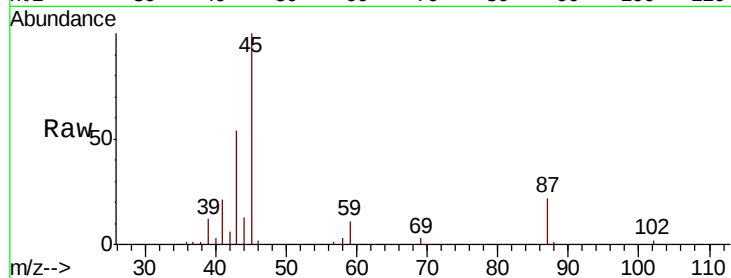
VU0729WBS01

Tot Ion: 45 Resp: 52541

Ion Ratio Lower Upper

45 100

43 54.1 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 2.004 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039713.D

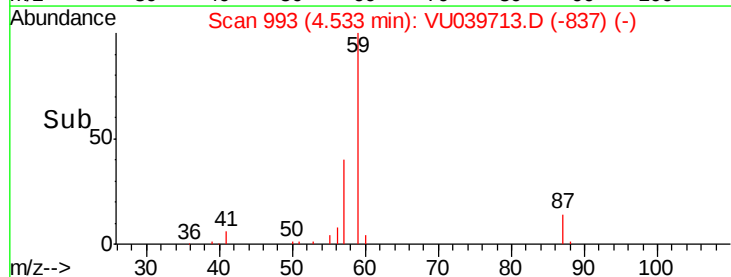
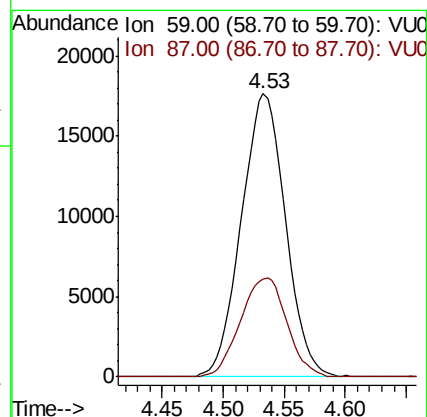
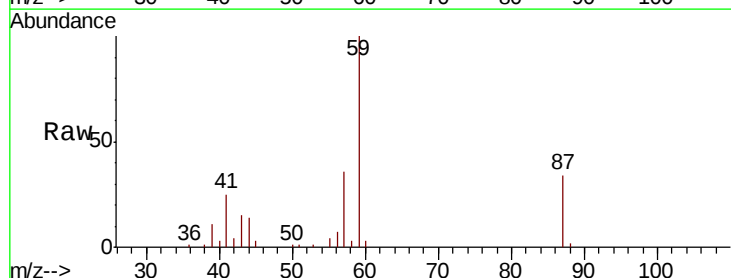
Acq: 29 Jul 2020 19:54

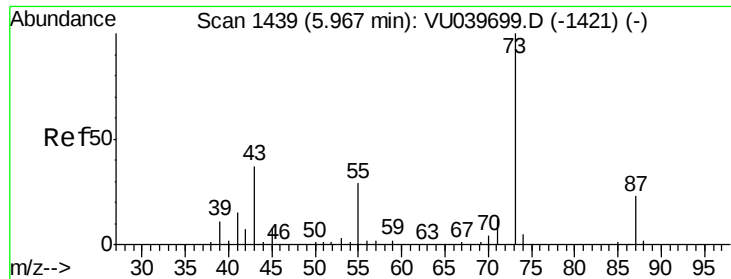
Tgt Ion: 59 Resp: 44196

Ion Ratio Lower Upper

59 100

87 36.7 29.4 44.0

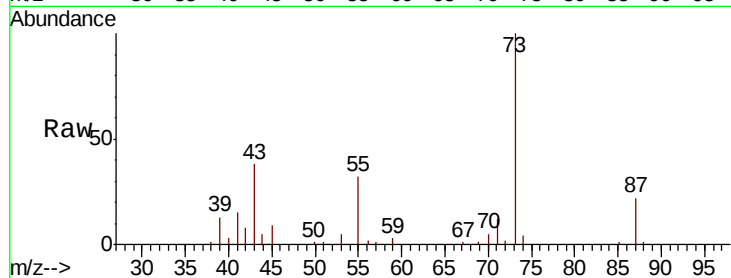




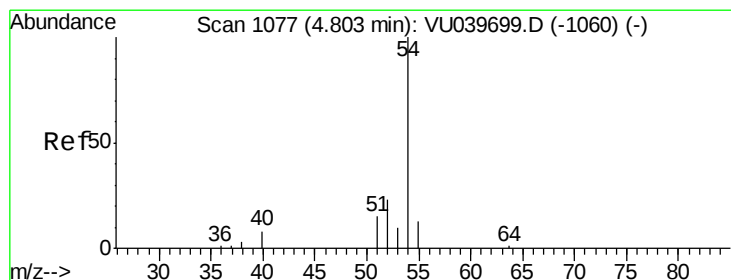
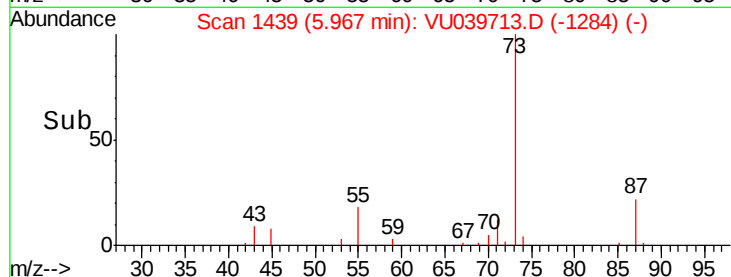
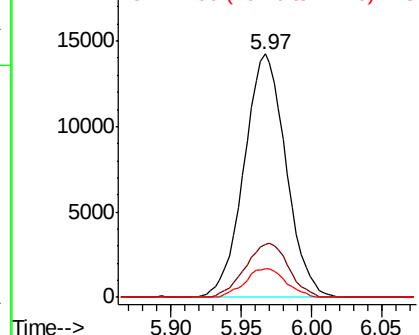
#33
Tert-Butyl methyl ether
Concen: 1.863 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion: 73 Resp: 29613
Ion Ratio Lower Upper
73 100
87 22.9 18.7 28.1
71 11.4 9.1 13.7

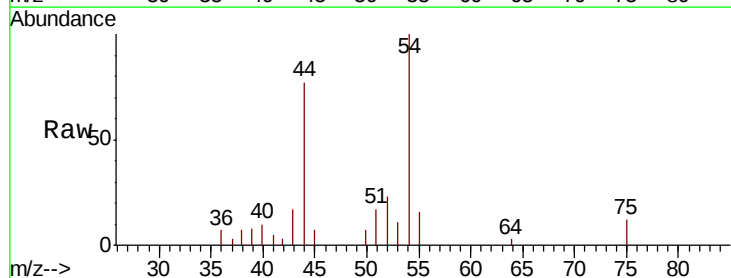


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

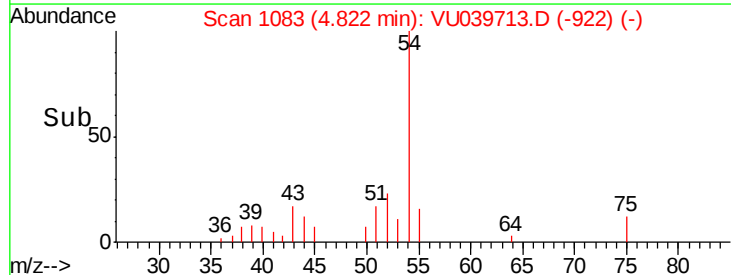
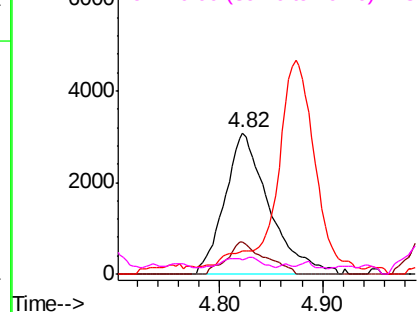


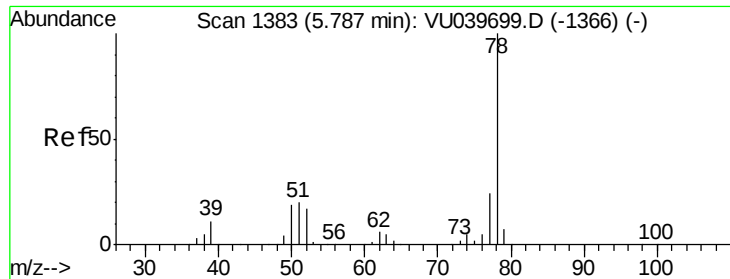
#34
Propionitrile
Concen: 11.773 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 54 Resp: 9179
Ion Ratio Lower Upper
54 100
52 19.3 16.9 25.3
55 0.0 12.9 19.3#
40 3.1 6.2 9.2#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 1.897 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

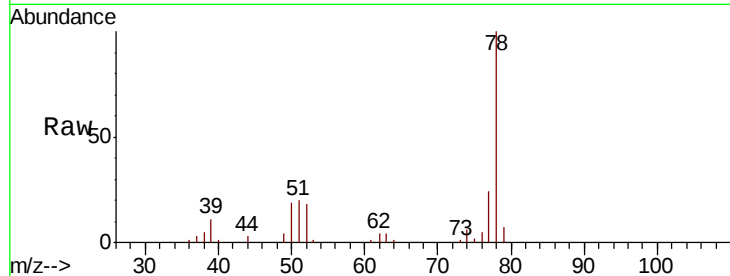
VU0729WBS01

Tot Ion: 78 Resp: 48609

Ion Ratio Lower Upper

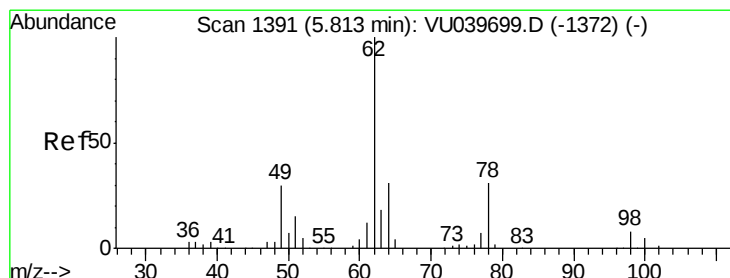
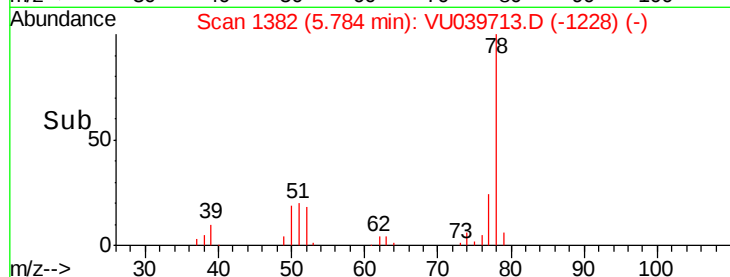
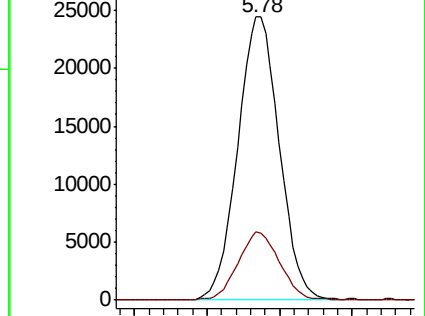
78 100

77 24.1 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.976 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039713.D

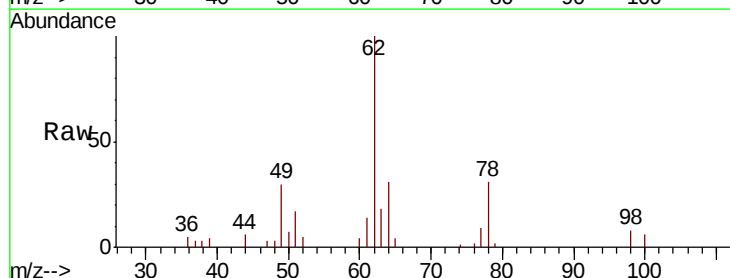
Acq: 29 Jul 2020 19:54

Tgt Ion: 62 Resp: 18984

Ion Ratio Lower Upper

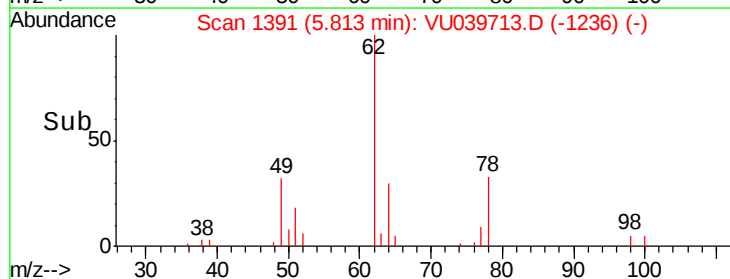
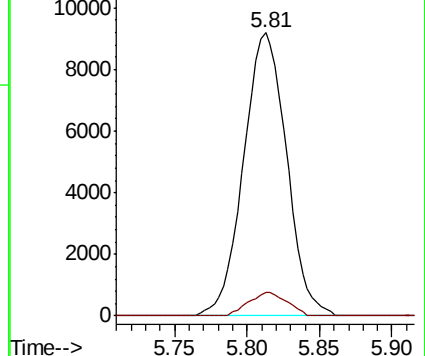
62 100

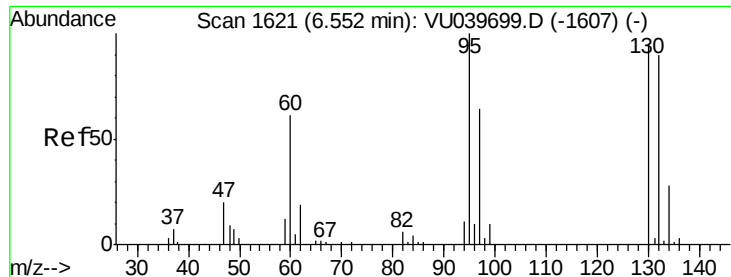
98 7.3 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.926 ug/l

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

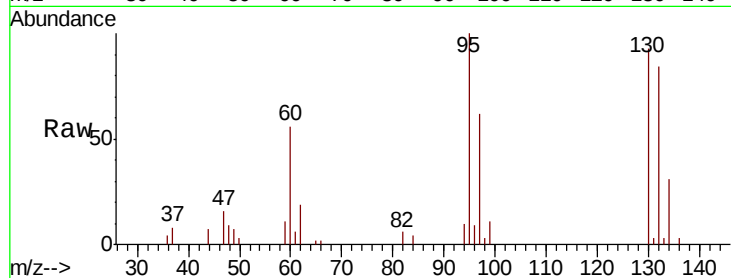
VU0729WBS01

Tot Ion:130 Resp: 11292

Ion Ratio Lower Upper

130 100

95 107.4 84.3 126.5



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

Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

8000

6000

4000

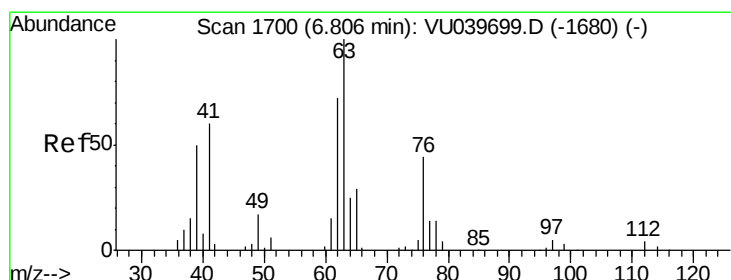
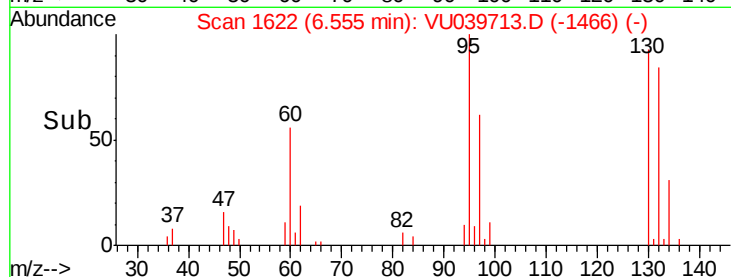
2000

0

6.50 6.55 6.60

6.56

Time-->



#38

1,2-Dichloropropane

Concen: 1.911 ug/l

RT: 6.80 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VU039713.D

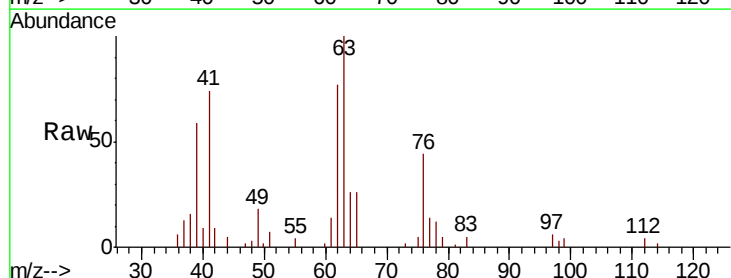
Acq: 29 Jul 2020 19:54

Tgt Ion: 63 Resp: 13495

Ion Ratio Lower Upper

63 100

65 26.1 23.8 35.6



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

Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

8000

6000

4000

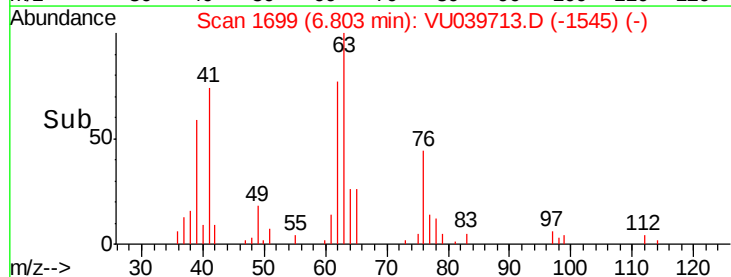
2000

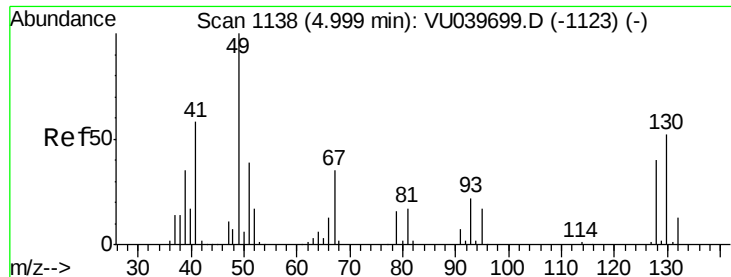
0

6.75 6.80 6.85

6.80

Time-->

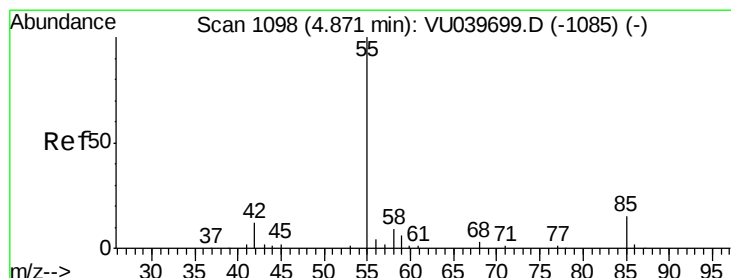
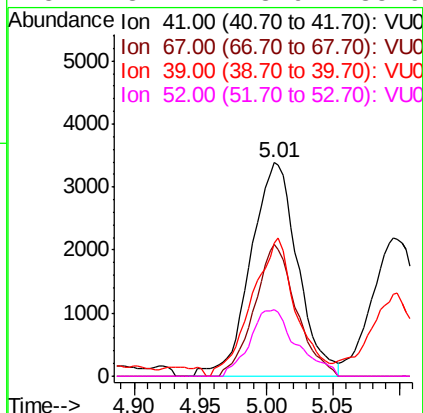
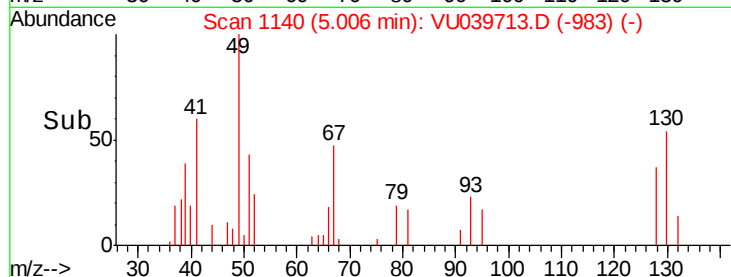
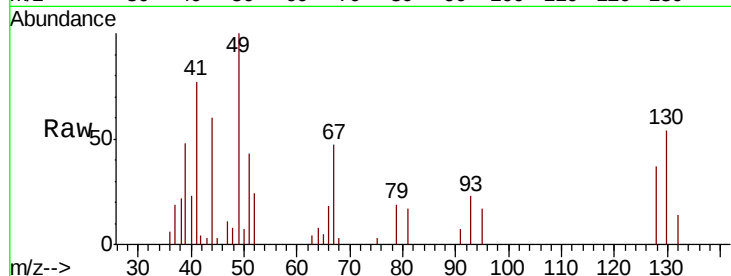




#39
Methacrylonitrile
Concen: 2.038 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

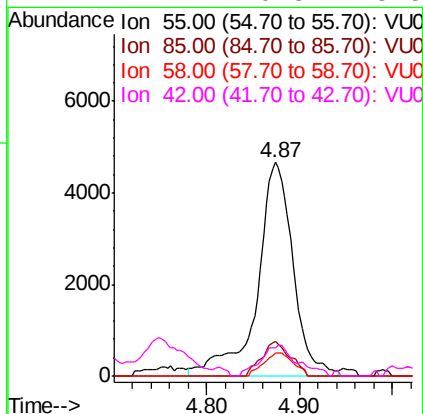
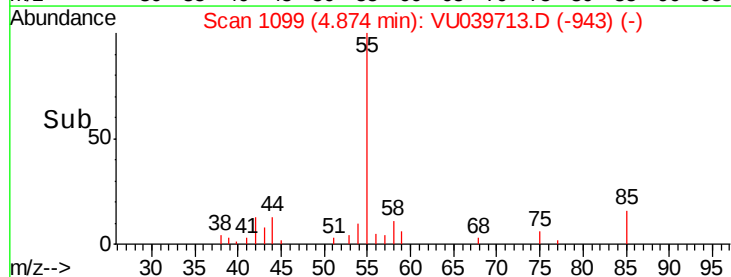
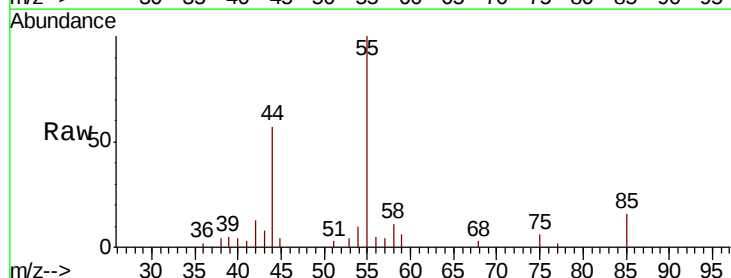
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

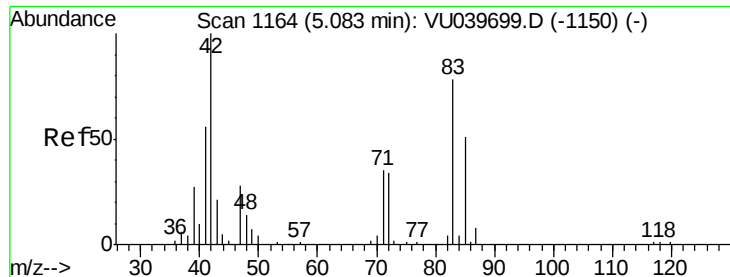
Tot Ion: 41 Resp: 8376
Ion Ratio Lower Upper
41 100
67 54.8 48.3 72.5
39 60.6 47.6 71.4
52 31.1 23.9 35.9



#40
Methyl acrylate
Concen: 2.371 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 55 Resp: 12565
Ion Ratio Lower Upper
55 100
85 12.8 11.4 17.0
58 9.0 7.4 11.0
42 14.7 10.3 15.5





#41

Tetrahydrofuran

Concen: 4.188 ug/l

RT: 5.10 min Scan# 1169

Delta R.T. 0.02 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

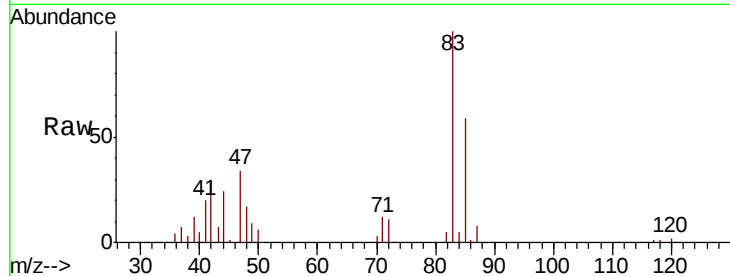
Tot Ion: 42 Resp: 8658

Ion Ratio Lower Upper

42 100

72 17.8 31.0 46.6#

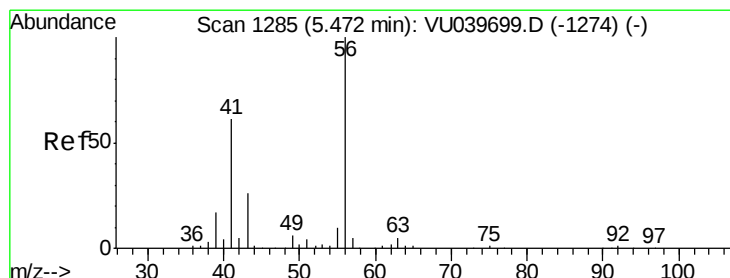
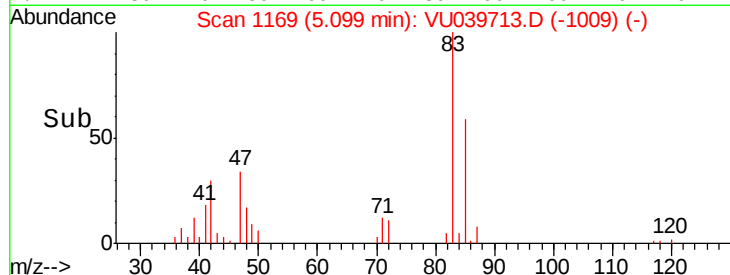
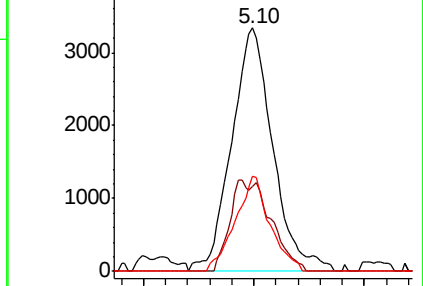
71 32.7 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 2.099 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039713.D

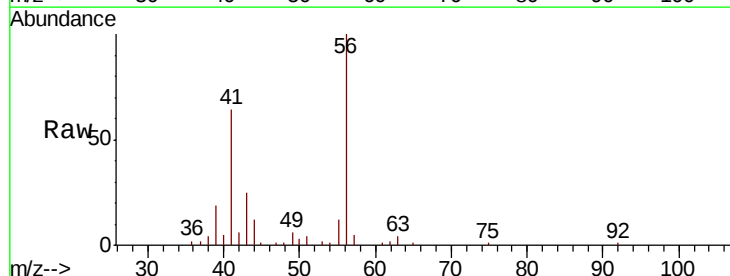
Acq: 29 Jul 2020 19:54

Tgt Ion: 56 Resp: 34135

Ion Ratio Lower Upper

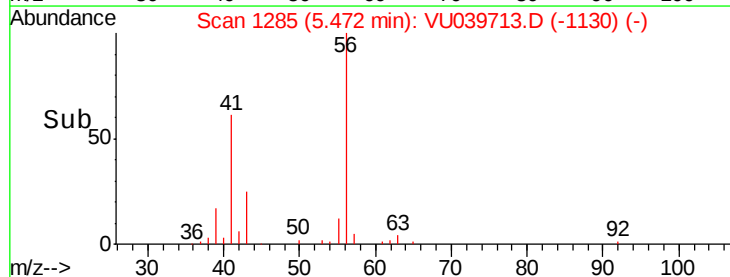
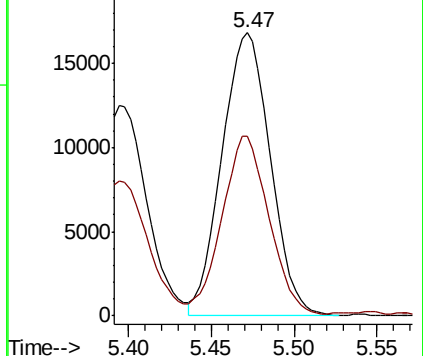
56 100

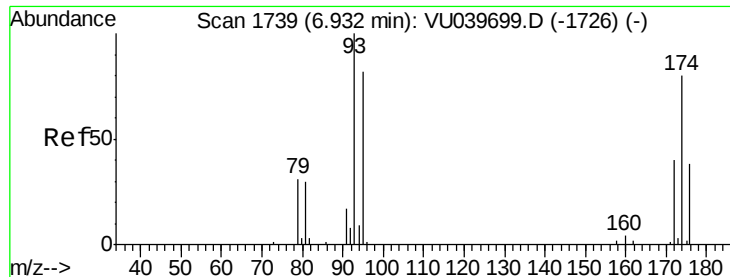
41 61.1 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.939 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

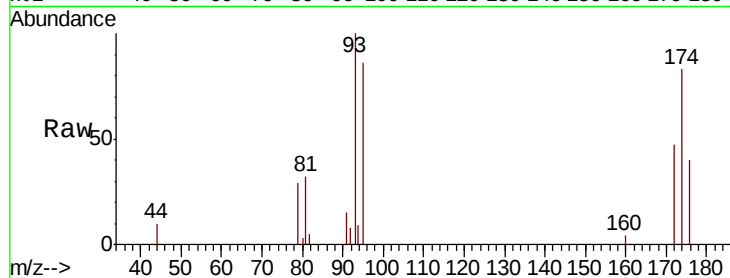
Tot Ion: 93 Resp: 7369

Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

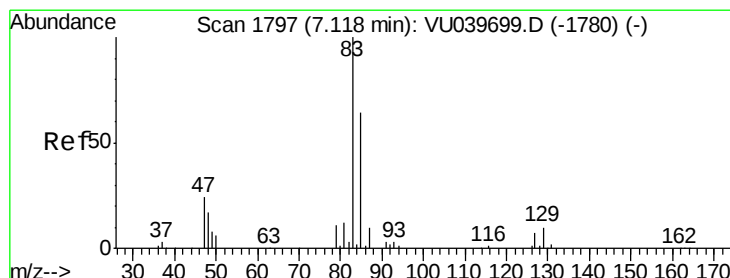
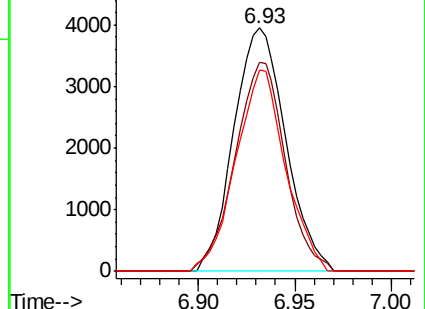
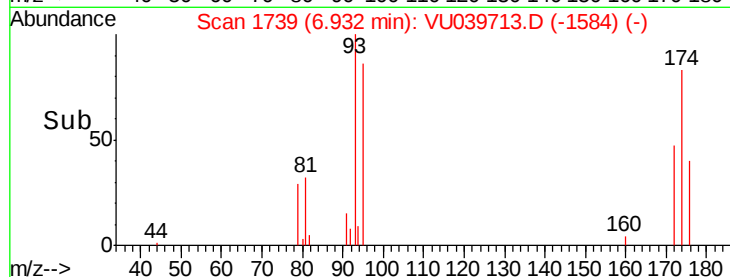
174 79.2 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU039713.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039713.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039713.D (-1584) (-)



#44

Bromodichloromethane

Concen: 1.892 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

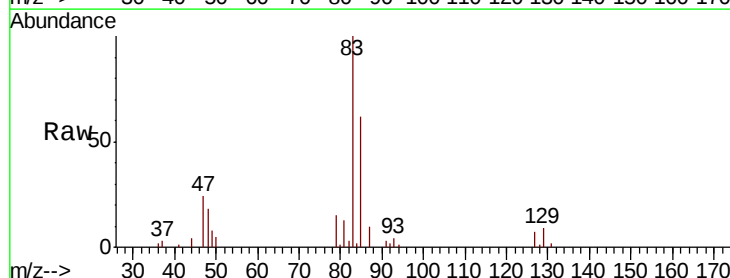
Tgt Ion: 83 Resp: 16485

Ion Ratio Lower Upper

83 100

85 62.2 50.8 76.2

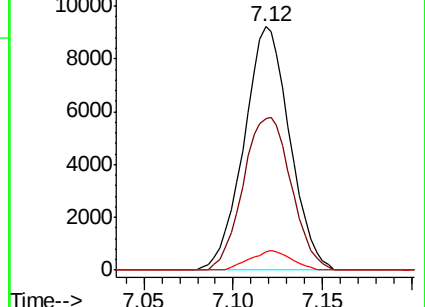
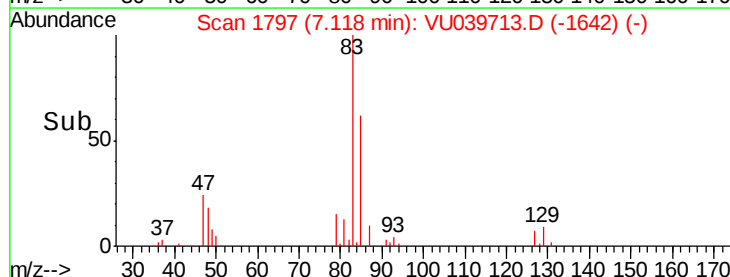
127 7.3 5.8 8.6

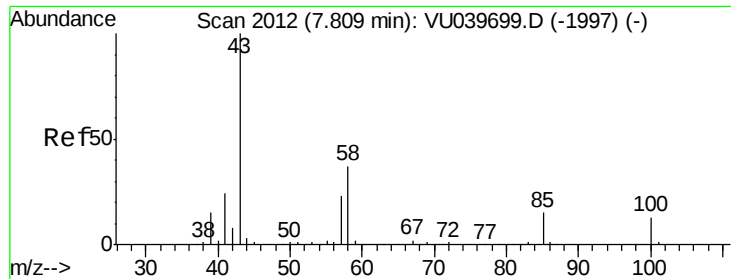


Abundance Ion 83.00 (82.70 to 83.70): VU039713.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039713.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039713.D (-1642) (-)

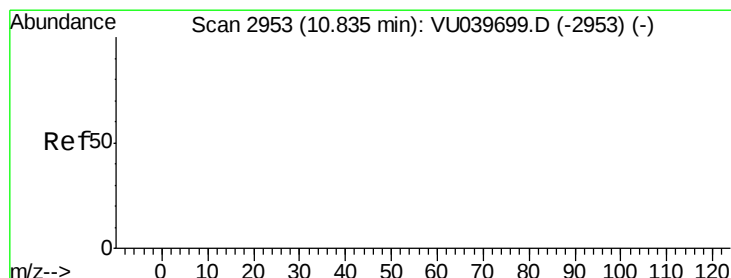
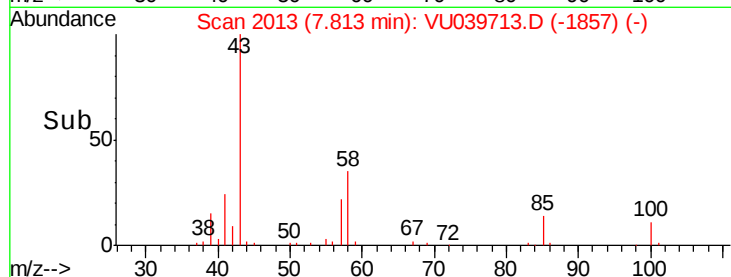
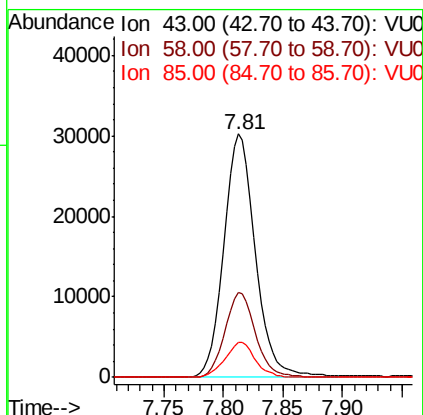
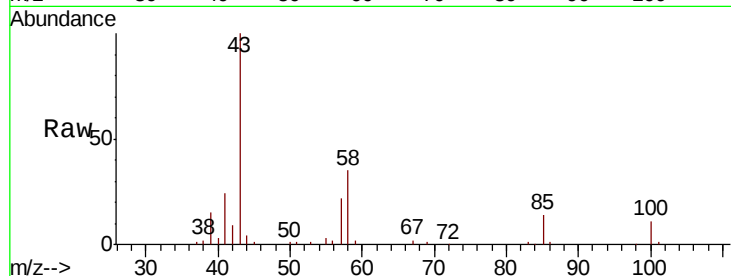




#45
4-Methyl-2-Pentanone
Concen: 9.657 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

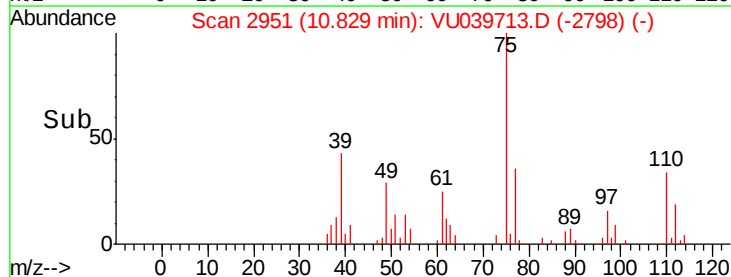
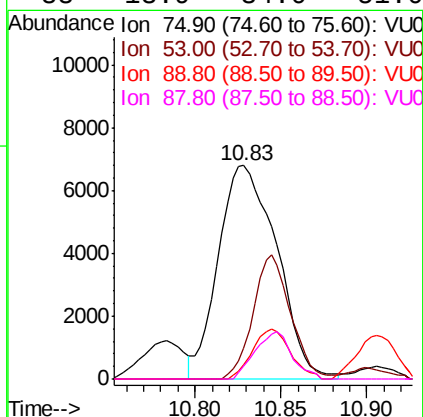
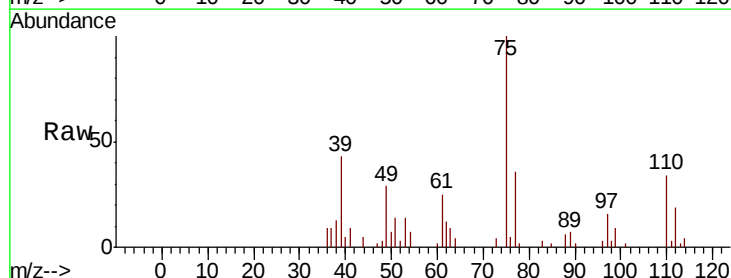
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

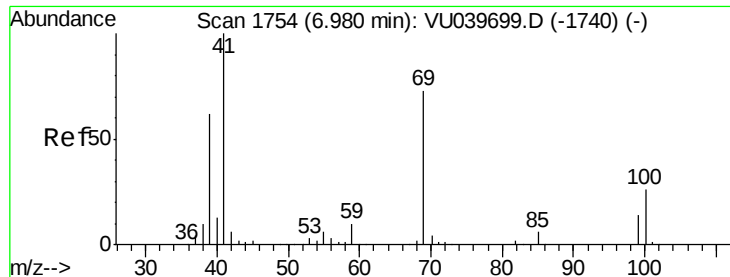
Tot Ion: 43 Resp: 55605
Ion Ratio Lower Upper
43 100
58 33.7 18.4 55.0
85 13.7 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 9.388 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.01 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 75 Resp: 16078
Ion Ratio Lower Upper
75 100
53 37.1 78.6 118.0#
89 15.0 40.3 60.5#
88 13.9 34.0 51.0#

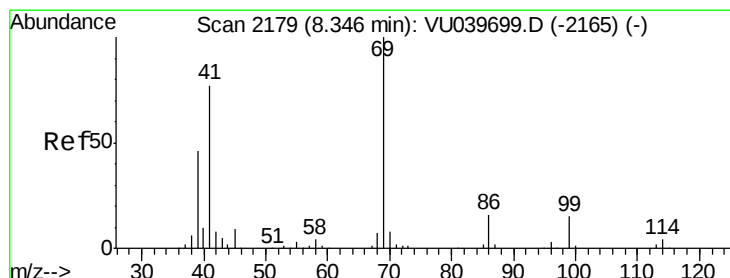
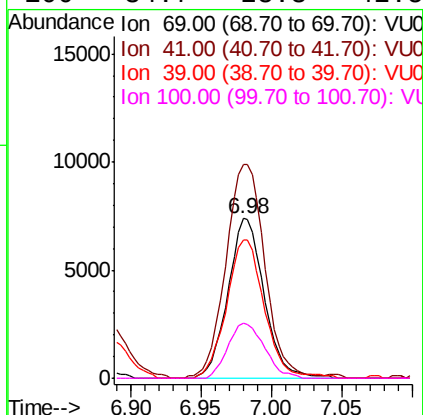
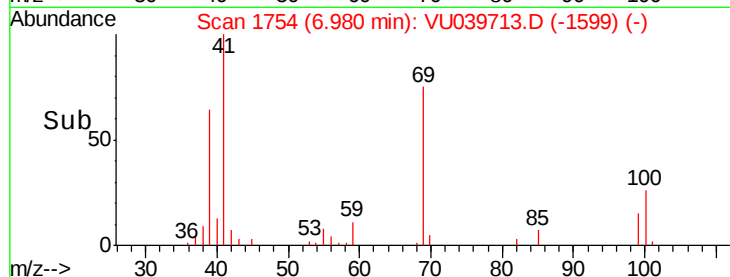
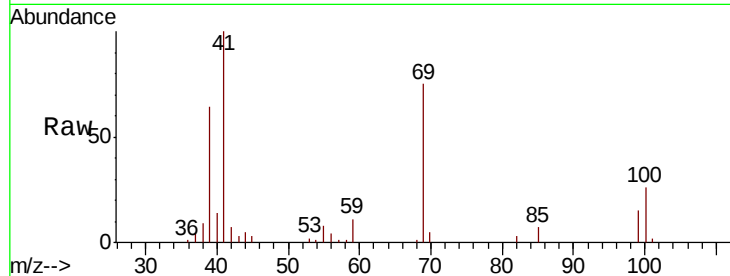




#47
Methyl methacrylate
Concen: 3.751 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

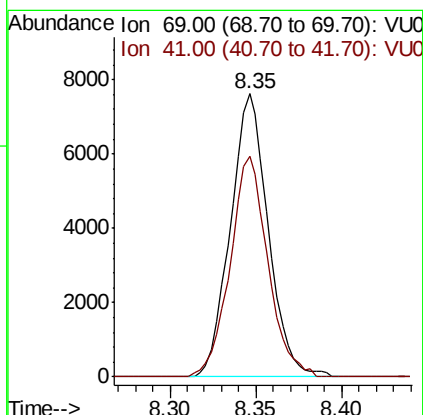
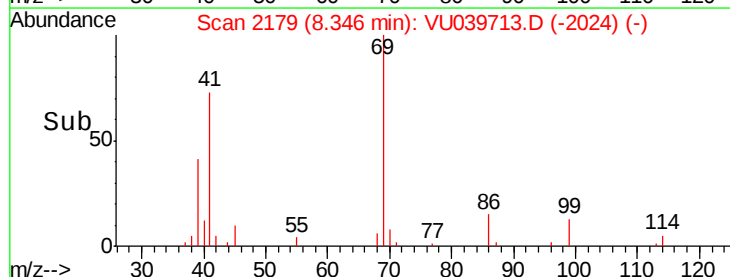
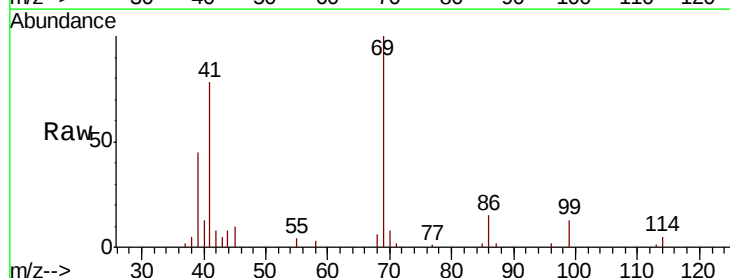
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

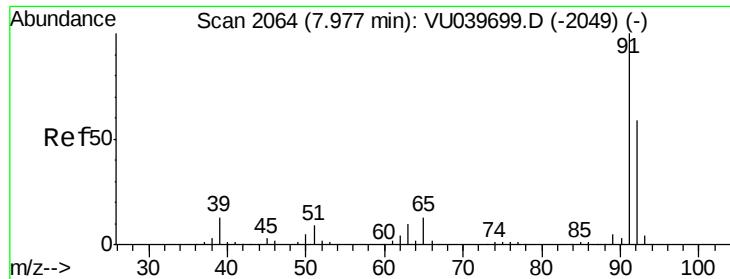
Tot Ion: 69 Resp: 13297
Ion Ratio Lower Upper
69 100
41 143.3 0.0 271.6
39 90.3 67.4 101.2
100 34.7 28.3 42.5



#48
Ethyl methacrylate
Concen: 1.790 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 69 Resp: 11681
Ion Ratio Lower Upper
69 100
41 77.9 39.1 117.5





#49

Toluene

Concen: 1.818 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

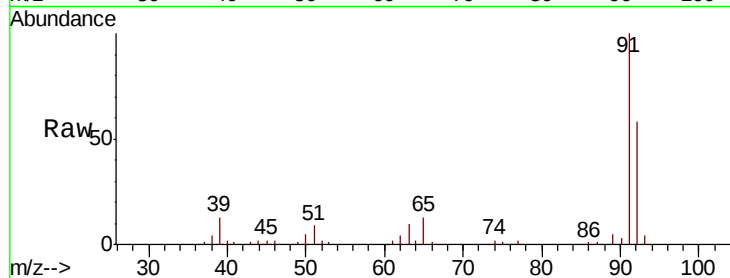
VU0729WBS01

Tot Ion: 92 Resp: 27738

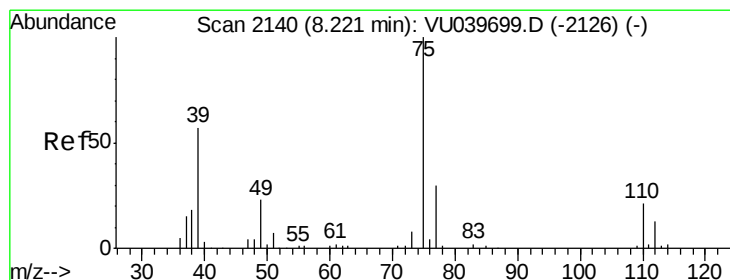
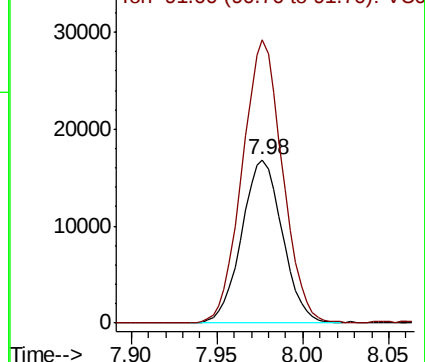
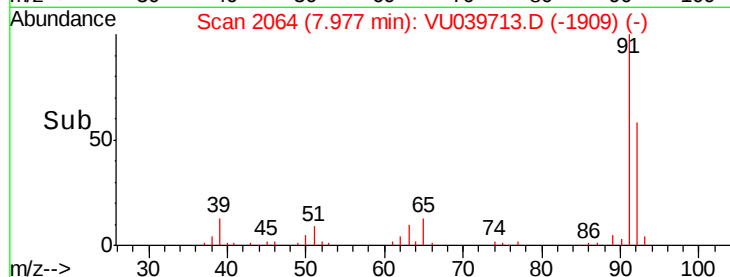
Ion Ratio Lower Upper

92 100

91 171.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039713.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 1.768 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039713.D

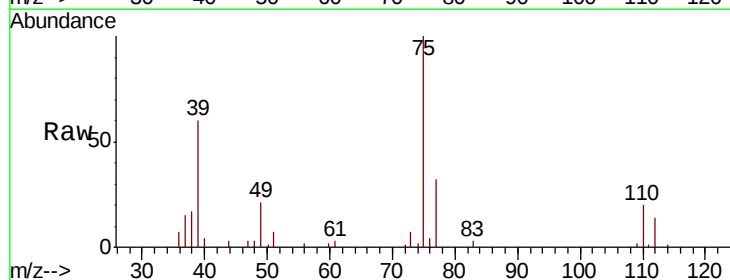
Acq: 29 Jul 2020 19:54

Tgt Ion: 75 Resp: 13875

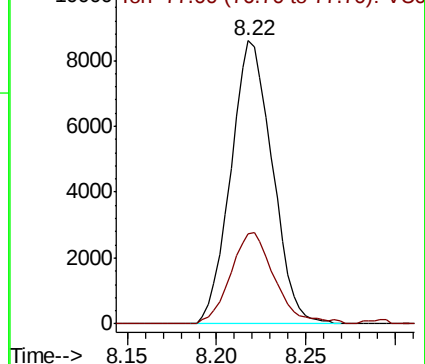
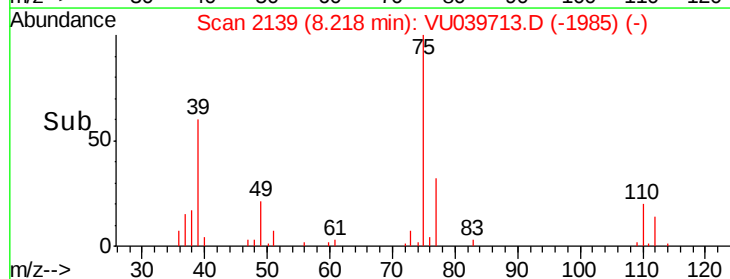
Ion Ratio Lower Upper

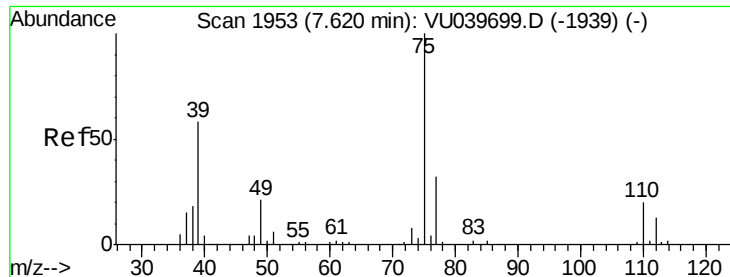
75 100

77 31.8 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039713.D (-1985) (-)



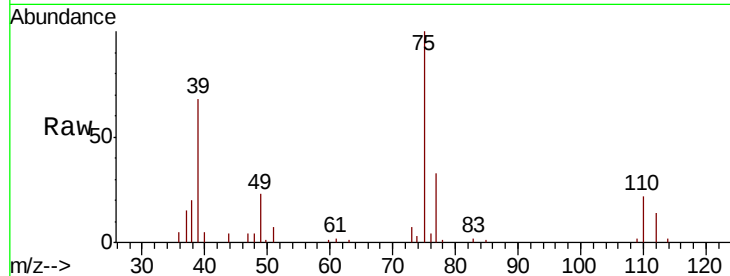


#51

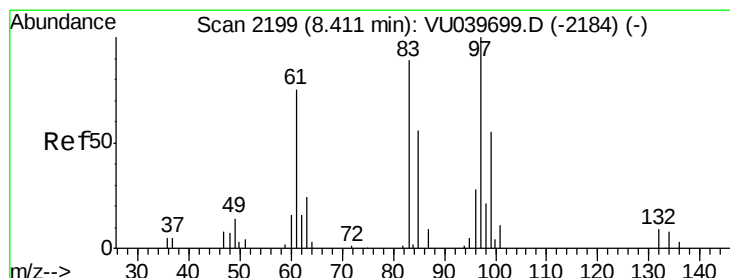
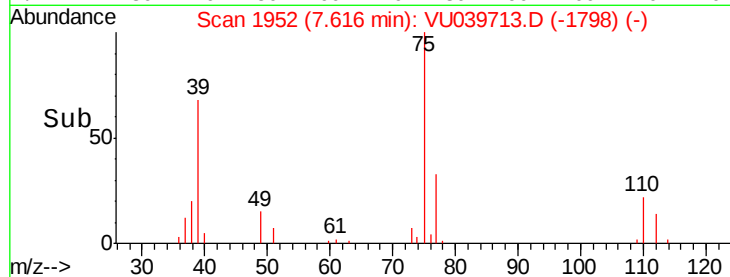
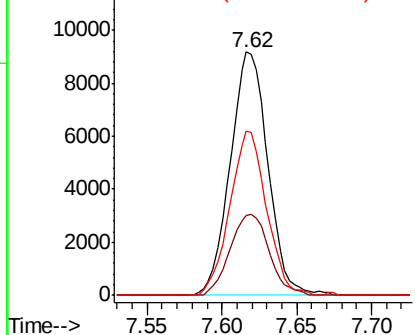
cis-1,3-Dichloropropene
 Concen: 1.743 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

Tot Ion: 75 Resp: 16083
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5
 39 67.7 46.1 69.1



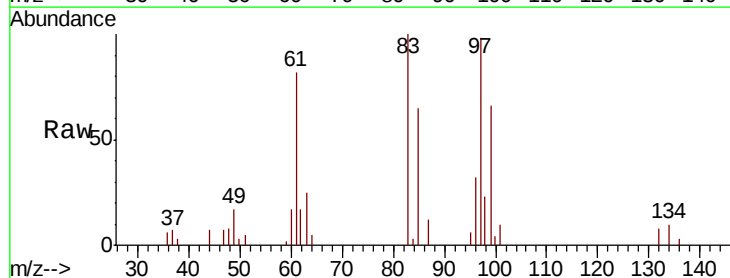
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



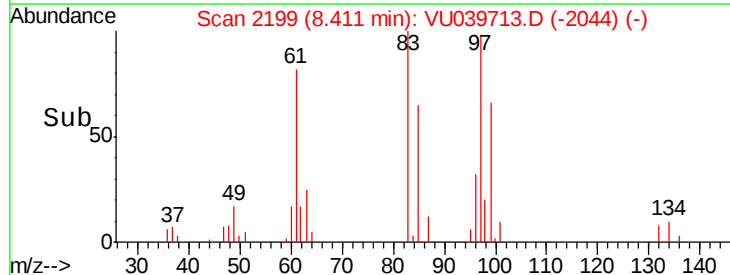
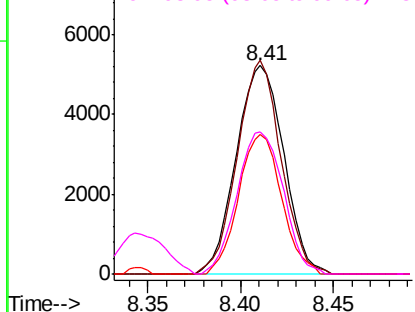
#52

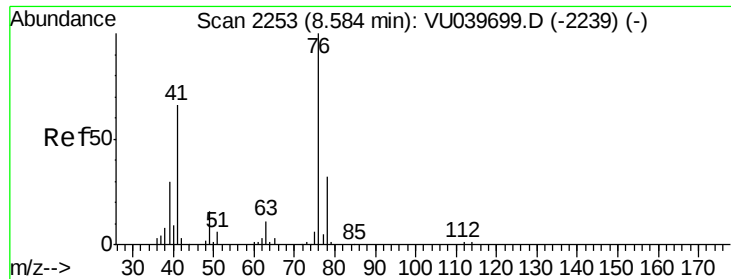
1,1,2-Trichloroethane
 Concen: 1.889 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion: 97 Resp: 9328
 Ion Ratio Lower Upper
 97 100
 83 102.5 71.3 106.9
 85 66.7 45.4 68.2
 99 68.1 49.4 74.0



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

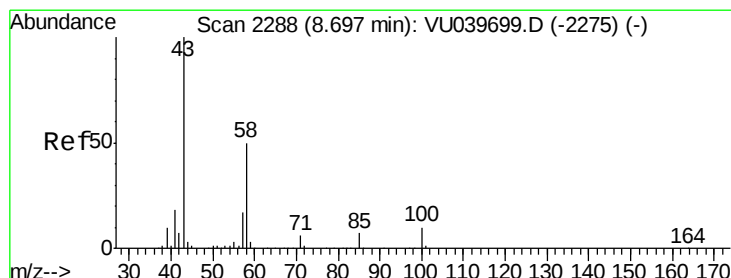
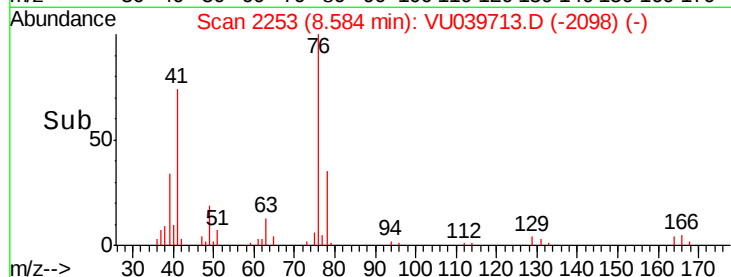
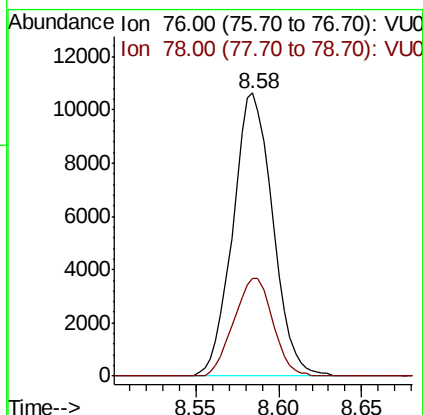
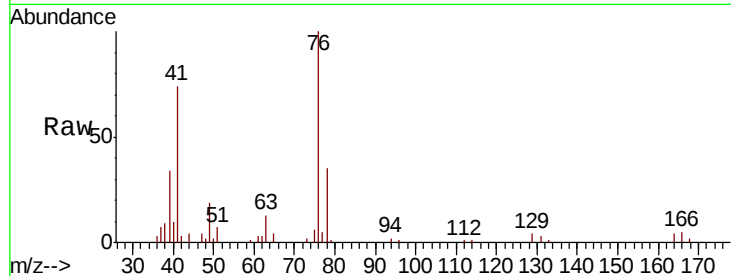




#53
 1,3-Dichloropropane
 Concen: 1.877 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

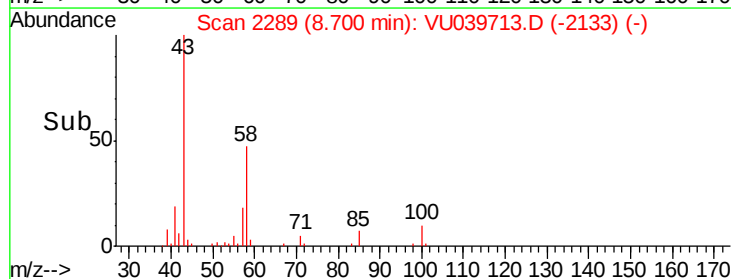
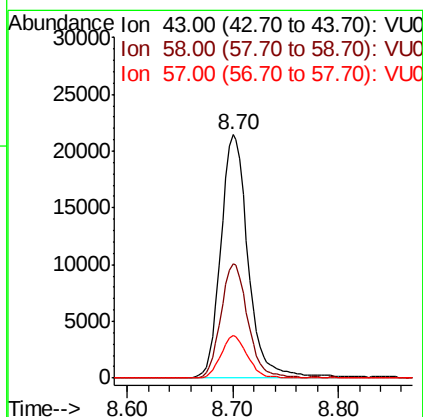
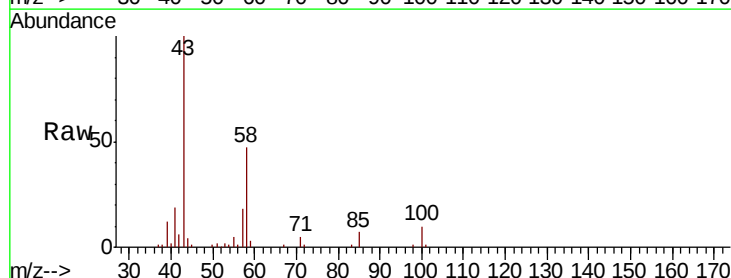
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

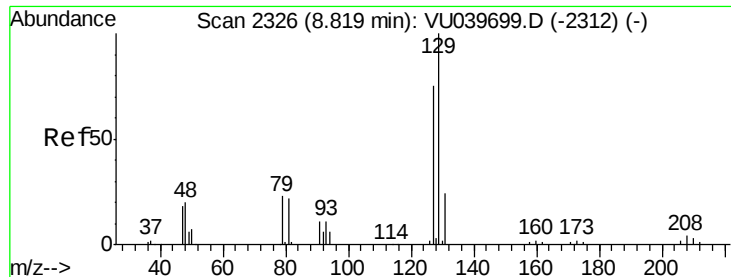
Tot Ion: 76 Resp: 17796
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.4 38.2



#54
 2-Hexanone
 Concen: 9.360 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion: 43 Resp: 38586
 Ion Ratio Lower Upper
 43 100
 58 46.0 29.9 69.9
 57 16.7 0.0 37.2





#55

Dibromochloromethane

Concen: 1.887 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

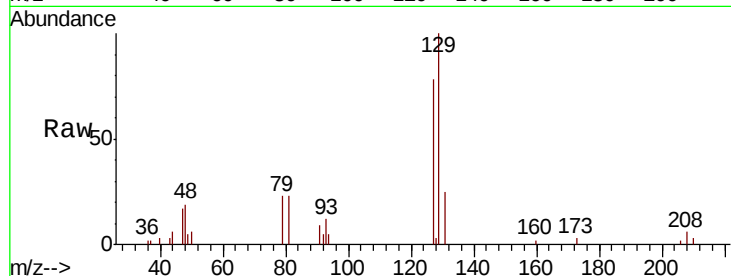
VU0729WBS01

Tot Ion:129 Resp: 10009

Ion Ratio Lower Upper

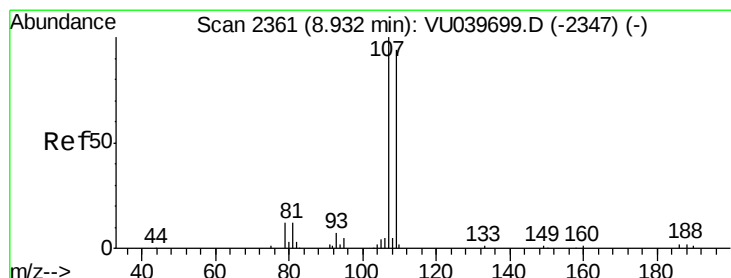
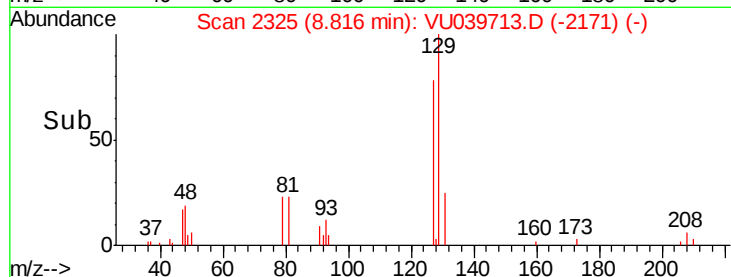
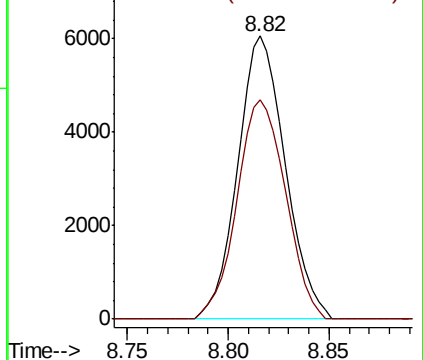
129 100

127 79.4 62.4 93.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.937 ug/l

RT: 8.93 min Scan# 2361

Delta R.T. -0.00 min

Lab File: VU039713.D

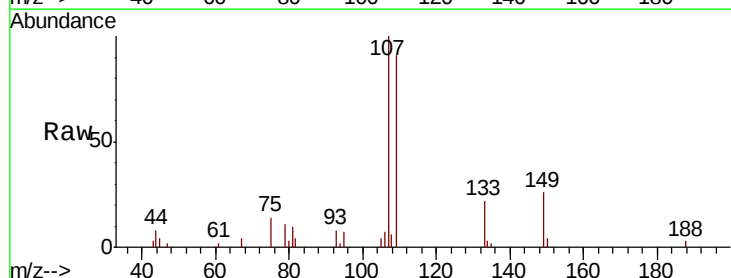
Acq: 29 Jul 2020 19:54

Tgt Ion:107 Resp: 9216

Ion Ratio Lower Upper

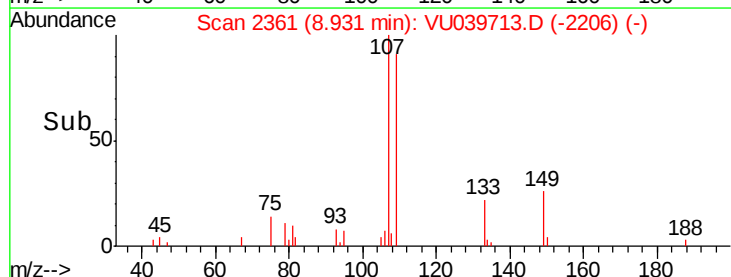
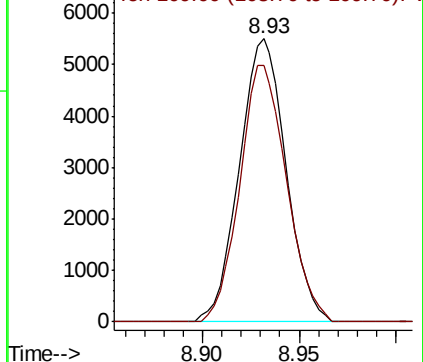
107 100

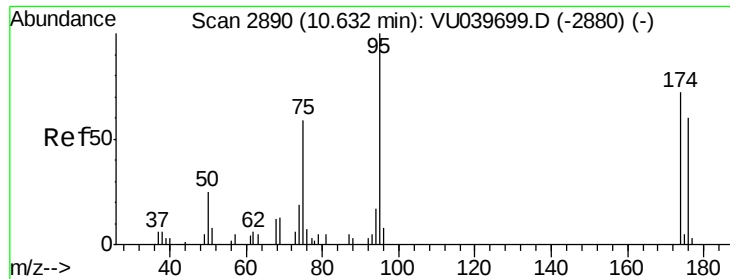
109 90.8 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

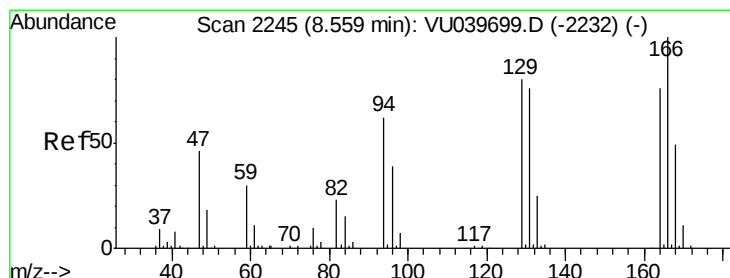
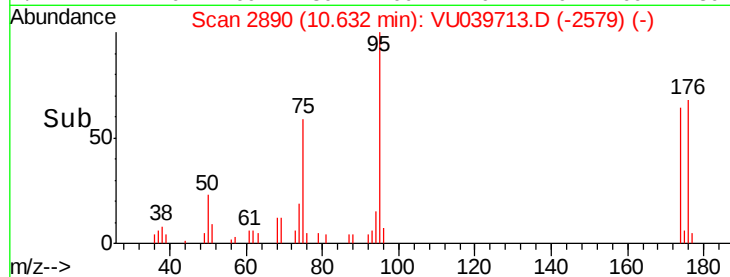
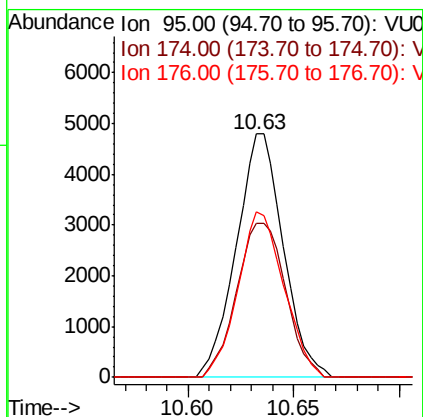
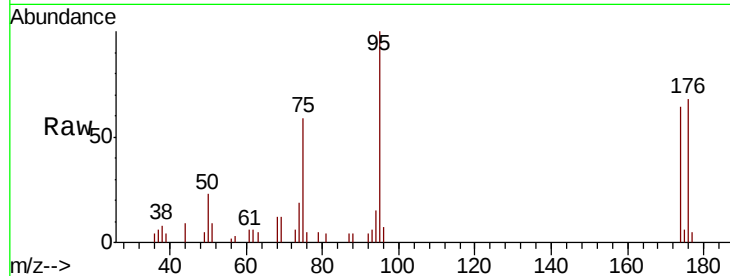




#57
4-Bromofluorobenzene
Concen: 0.927 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

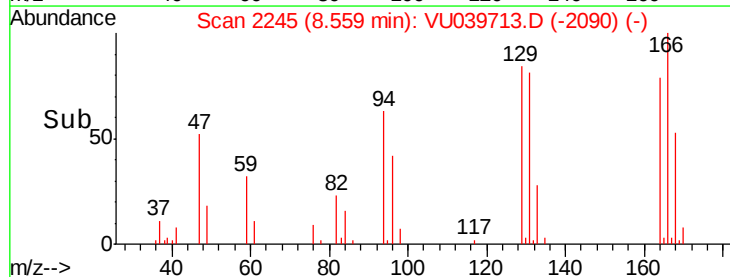
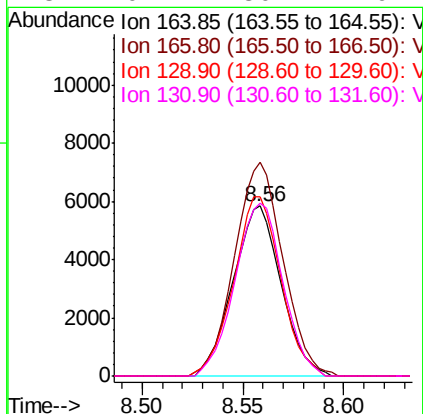
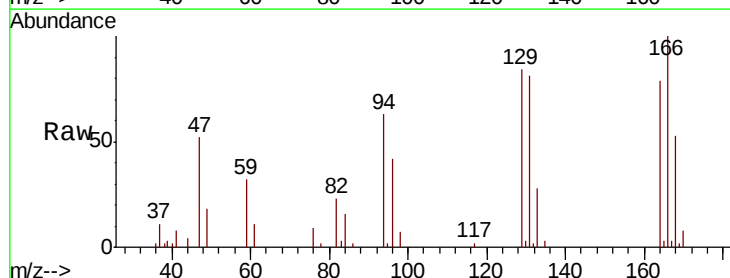
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion: 95 Resp: 7418
Ion Ratio Lower Upper
95 100
174 66.1 57.0 85.4
176 66.4 50.2 75.2



#58
Tetrachloroethene
Concen: 1.900 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion: 164 Resp: 9752
Ion Ratio Lower Upper
164 100
166 125.9 104.8 157.2
129 105.5 84.1 126.1
131 102.2 80.1 120.1





#59

Chlorobenzene

Concen: 1.908 ug/l

RT: 9.45 min Scan# 2523

Delta R.T. 0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

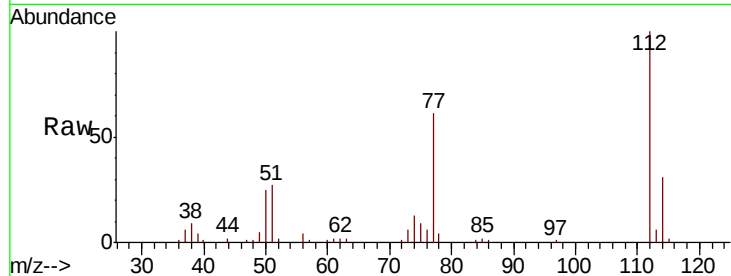
VU0729WBS01

Tot Ion:112 Resp: 30100

Ion Ratio Lower Upper

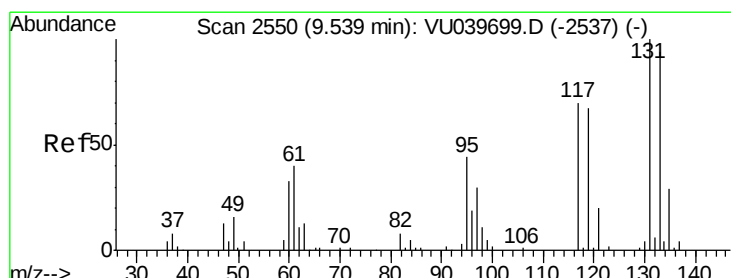
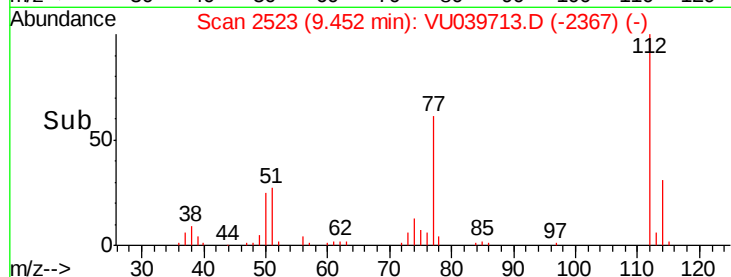
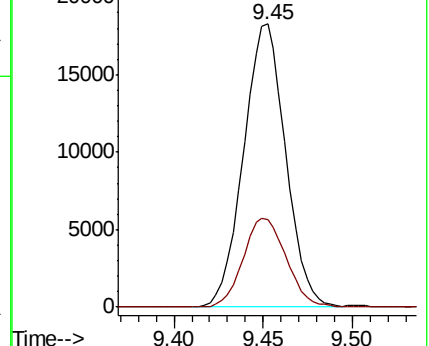
112 100

114 30.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.916 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

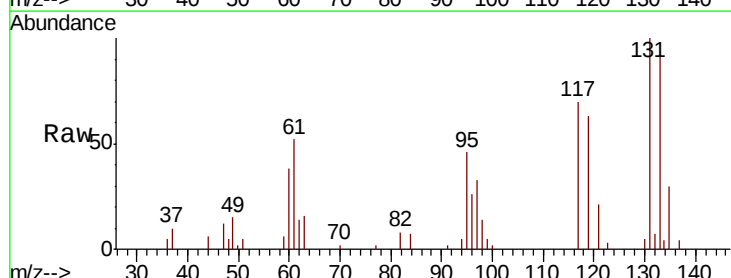
Tgt Ion:131 Resp: 10189

Ion Ratio Lower Upper

131 100

133 93.3 75.8 113.8

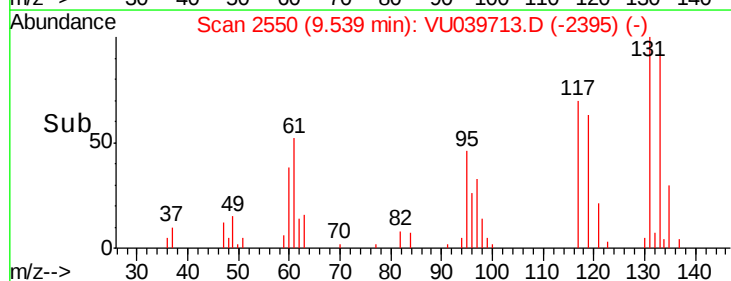
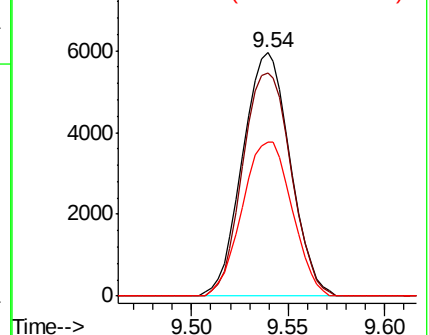
119 66.0 54.6 81.8

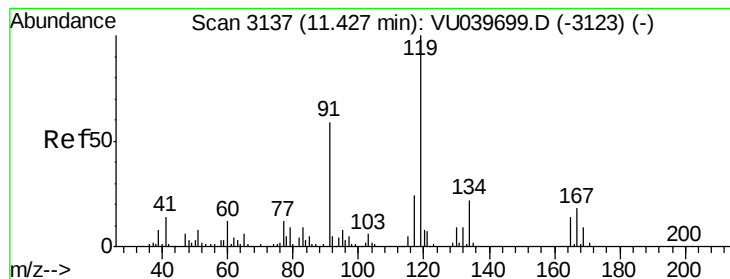


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.879 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

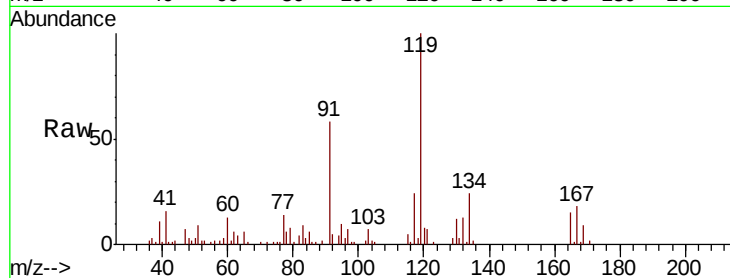
VU0729WBS01

Tot Ion:117 Resp: 8780

Ion Ratio Lower Upper

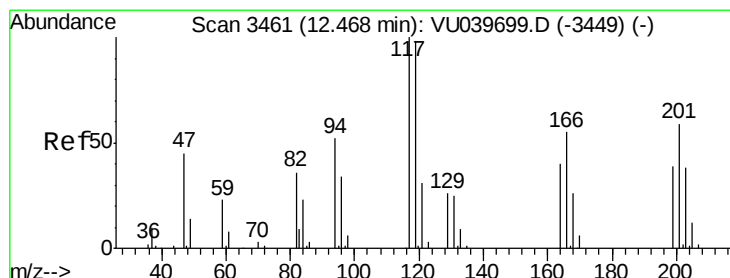
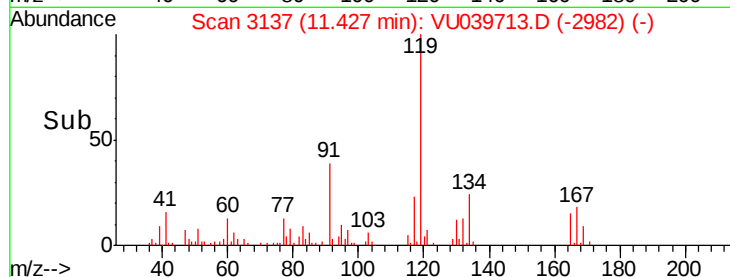
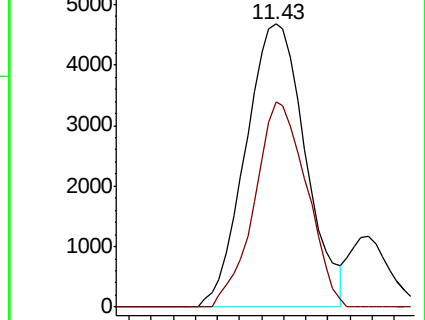
117 100

167 63.1 56.6 85.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.651 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU039713.D

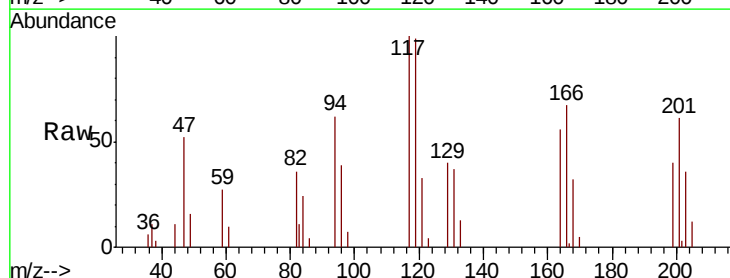
Acq: 29 Jul 2020 19:54

Tgt Ion:117 Resp: 7073

Ion Ratio Lower Upper

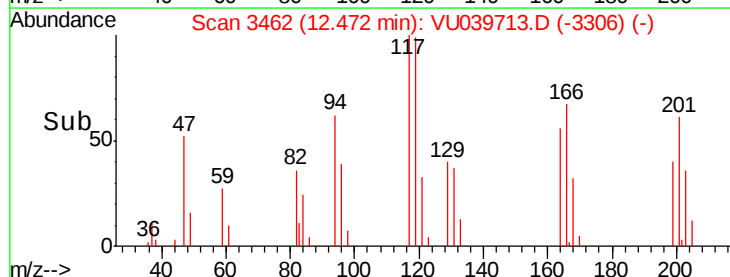
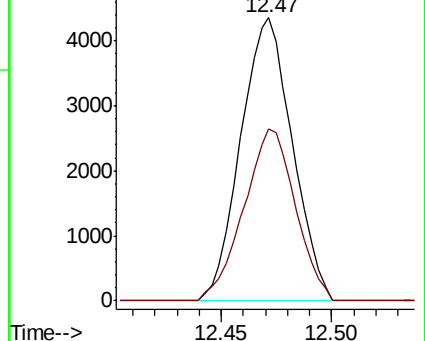
117 100

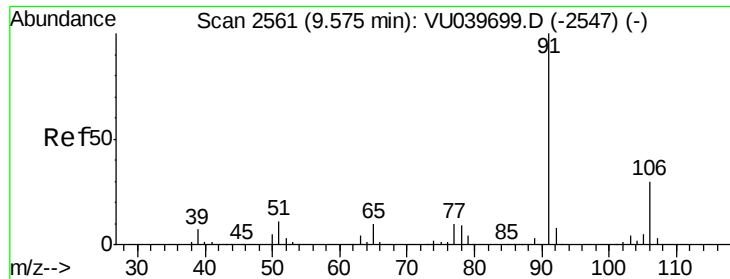
201 60.6 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.736 ug/l

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

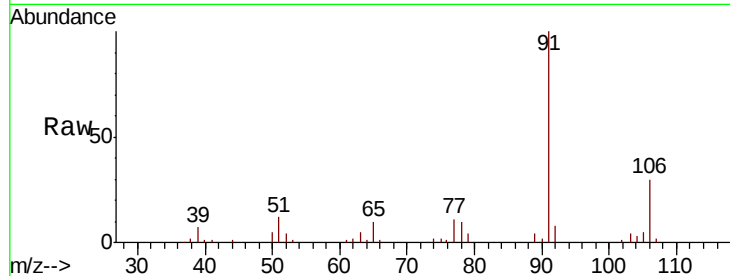
VU0729WBS01

Tot Ion: 91 Resp: 49088

Ion Ratio Lower Upper

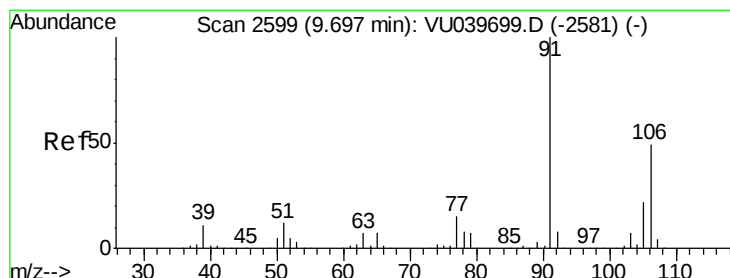
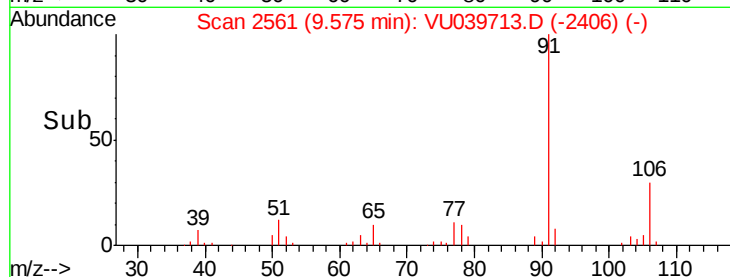
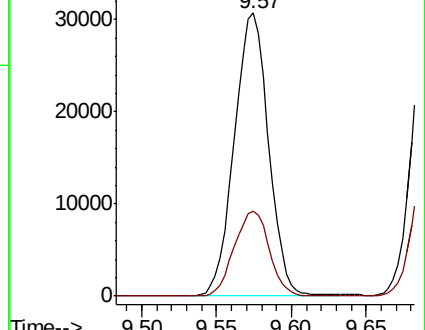
91 100

106 29.9 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-2547) (-)

Ion 106.00 (105.70 to 106.70): VU039699.D (-2547) (-)



#64

m/p-Xylenes

Concen: 3.595 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039713.D

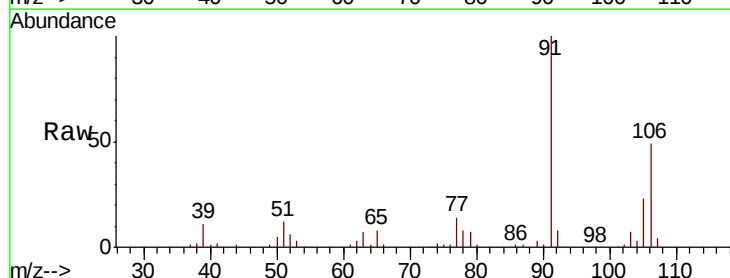
Acq: 29 Jul 2020 19:54

Tgt Ion: 106 Resp: 39702

Ion Ratio Lower Upper

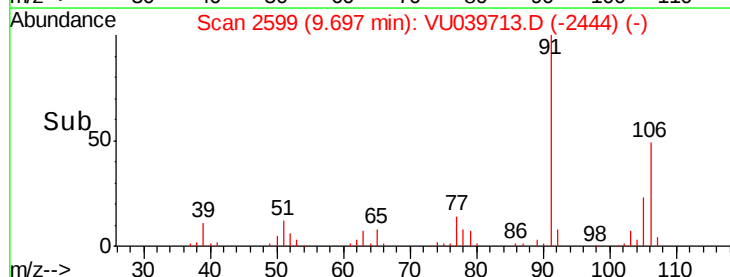
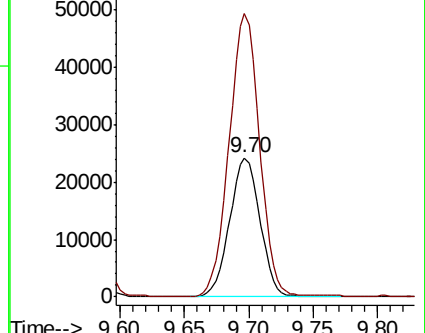
106 100

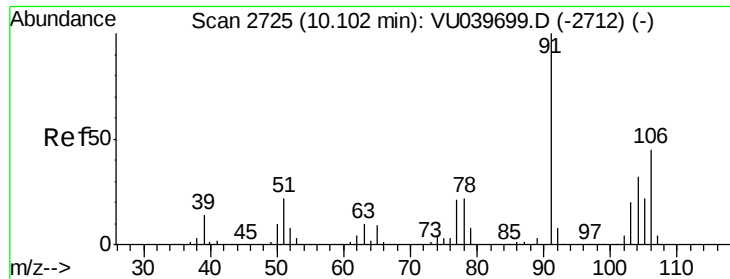
91 203.9 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039699.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2581) (-)

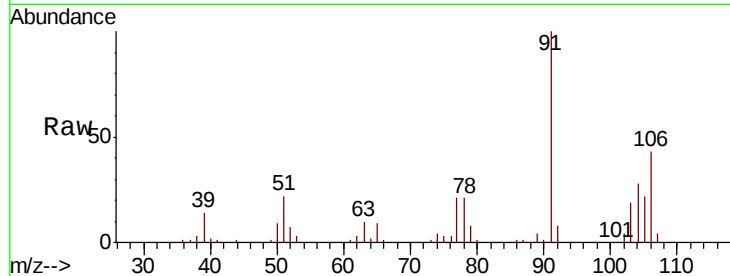




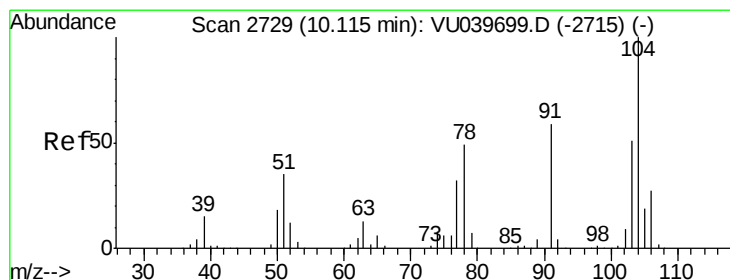
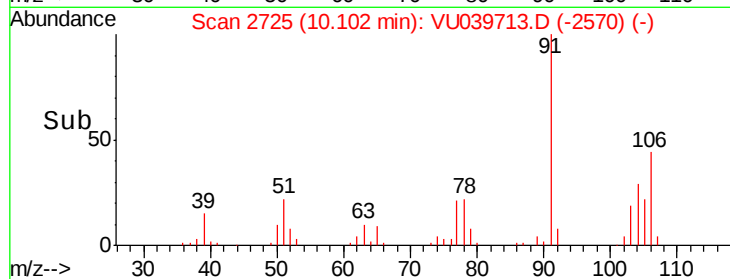
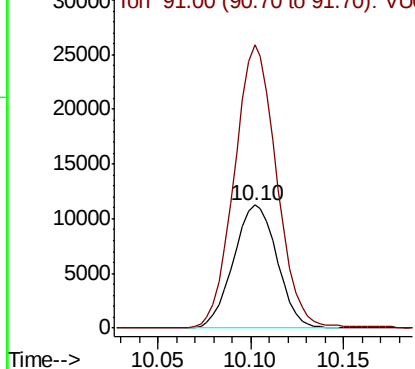
#65
o-Xylene
Concen: 1.755 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion:106 Resp: 18404
Ion Ratio Lower Upper
106 100
91 223.7 110.3 331.0

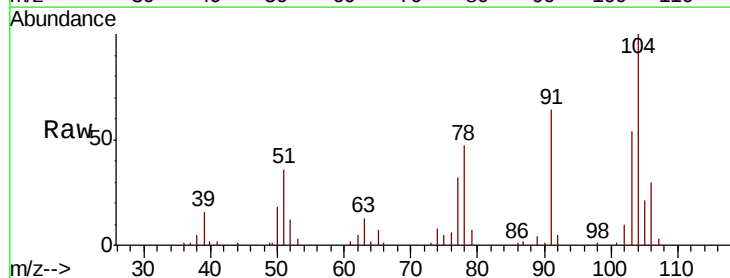


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

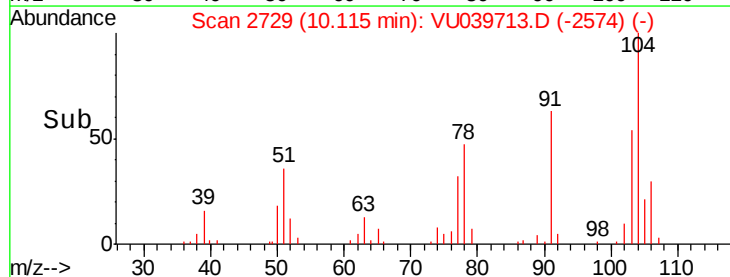
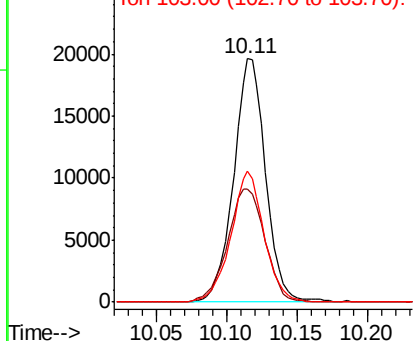


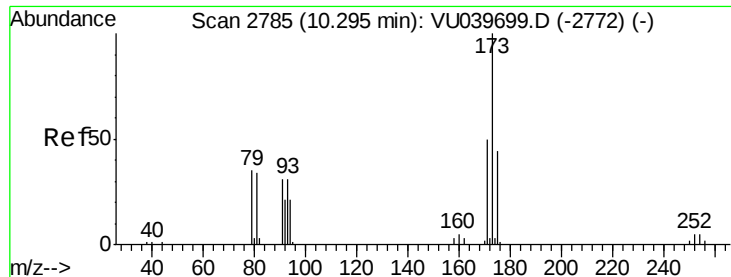
#66
Styrene
Concen: 1.730 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion:104 Resp: 31091
Ion Ratio Lower Upper
104 100
78 54.2 42.2 63.4
103 55.6 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

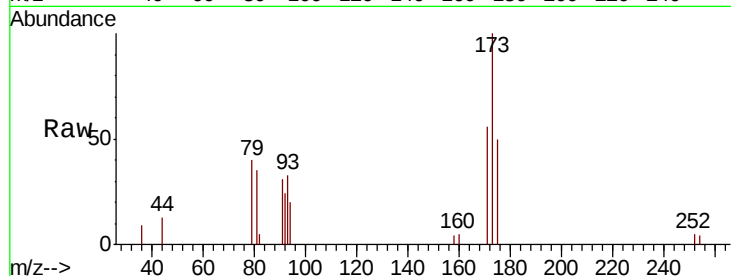




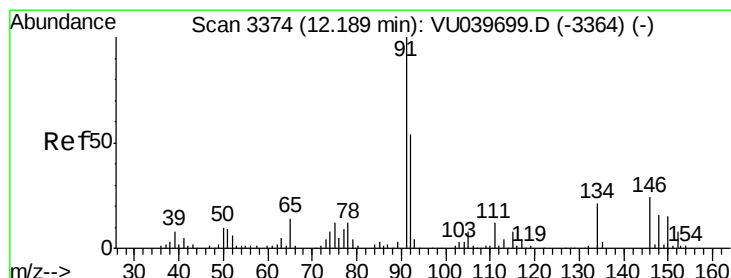
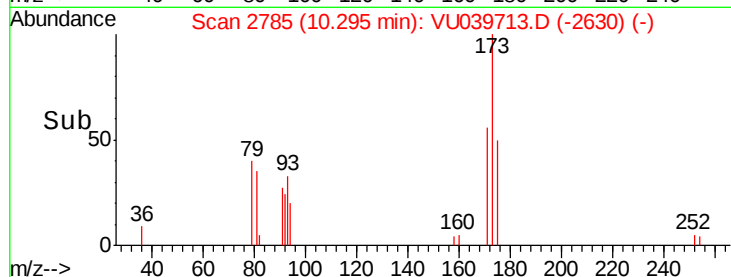
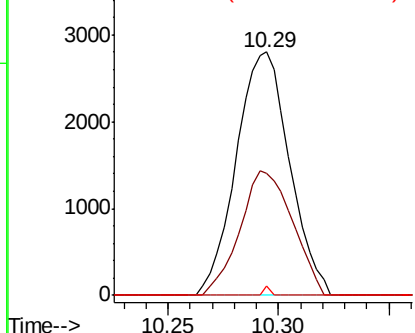
#67
Bromoform
Concen: 1.733 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Tot Ion:173 Resp: 4688
Ion Ratio Lower Upper
173 100
175 50.4 36.7 55.1
254 0.4 3.8 5.8#

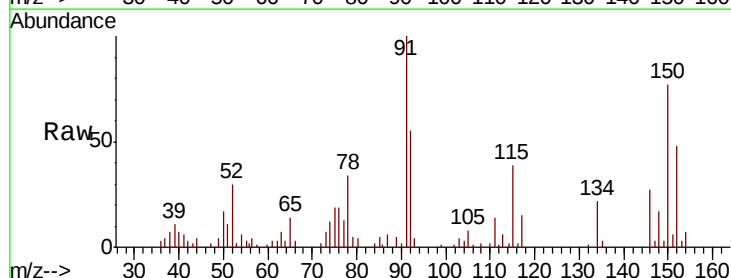


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

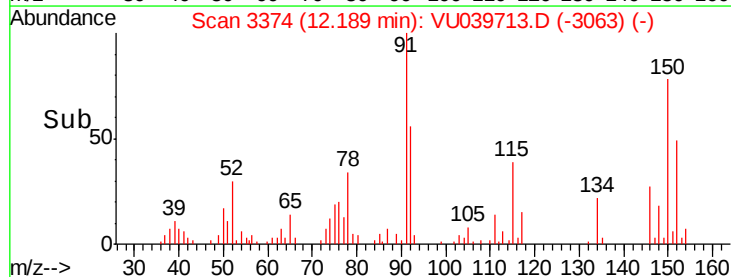
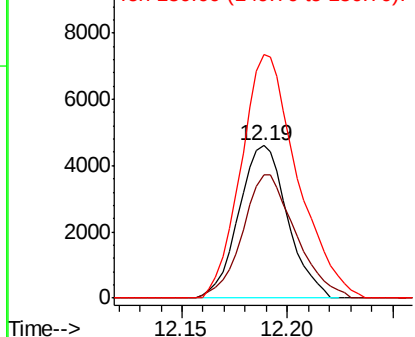


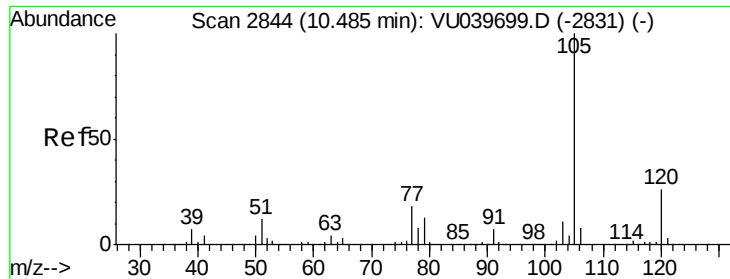
#68
1,2-Dichlorobenzene-d4
Concen: 0.943 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion:152 Resp: 7388
Ion Ratio Lower Upper
152 100
115 88.5 0.0 302.4
150 184.4 0.0 645.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.755 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

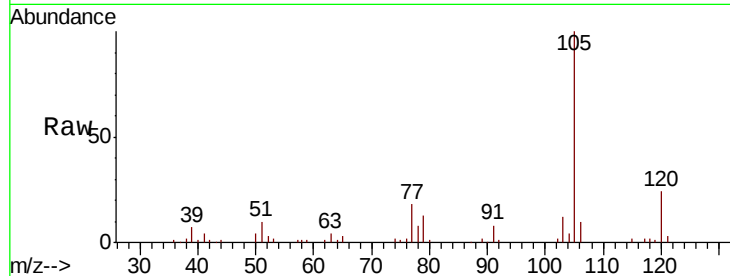
VU0729WBS01

Tot Ion:105 Resp: 49144

Ion Ratio Lower Upper

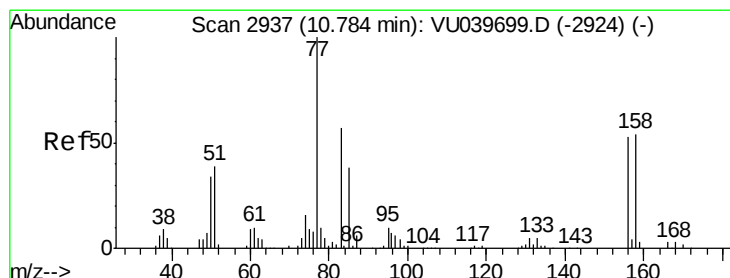
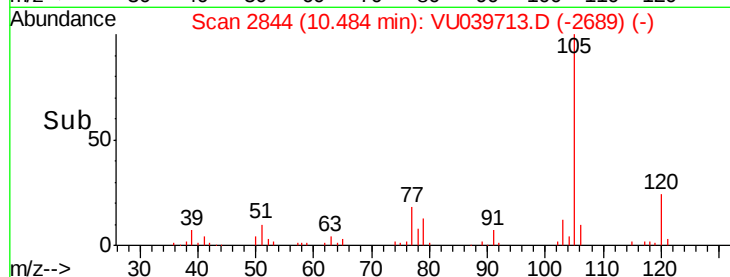
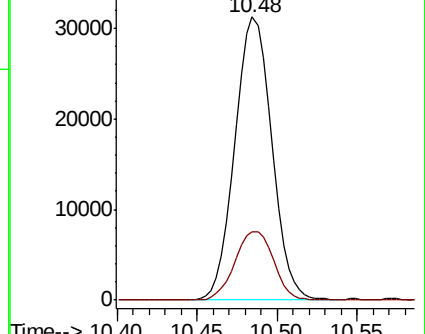
105 100

120 25.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.915 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

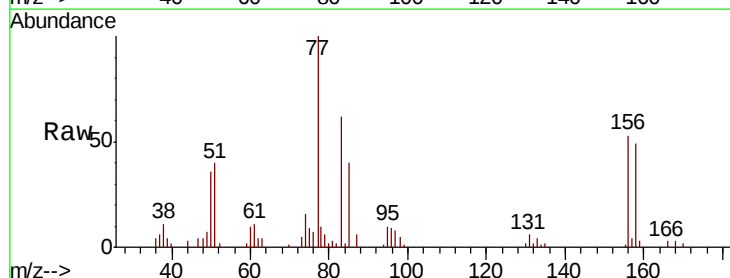
Tgt Ion: 83 Resp: 13611

Ion Ratio Lower Upper

83 100

131 8.5 7.0 10.6

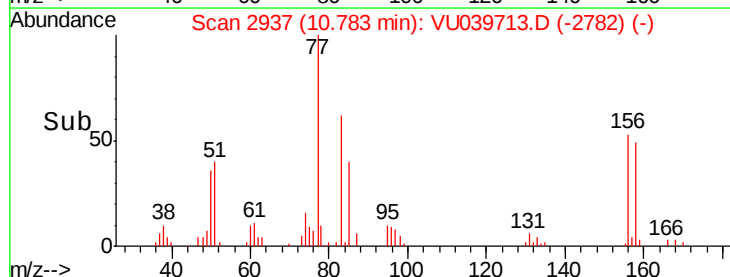
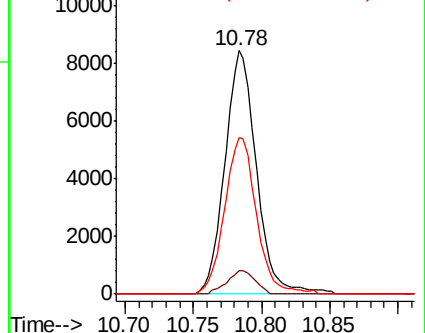
85 65.0 50.6 75.8

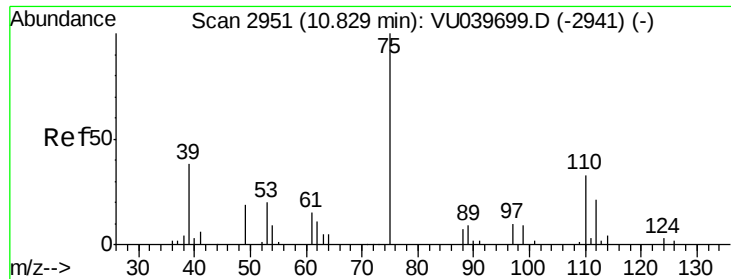


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

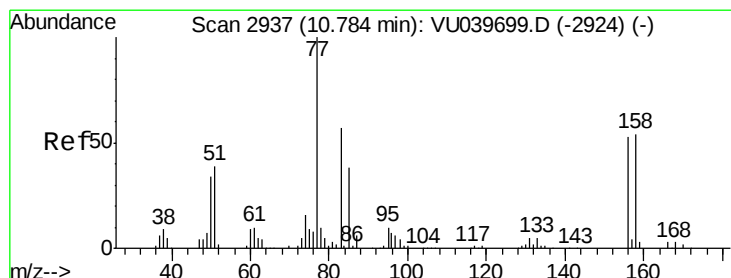
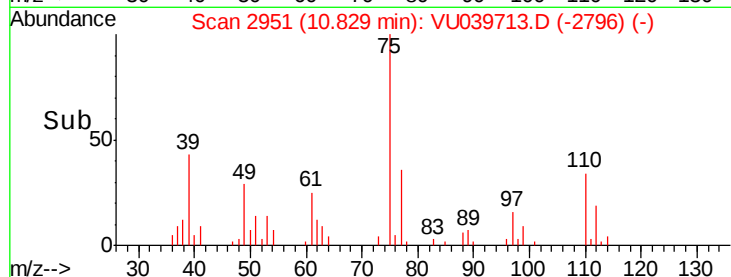
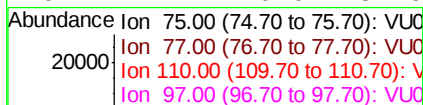
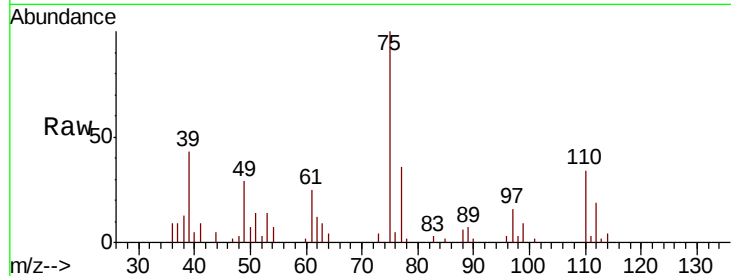




#71
1,2,3-Trichloropropane
Concen: 3.002 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

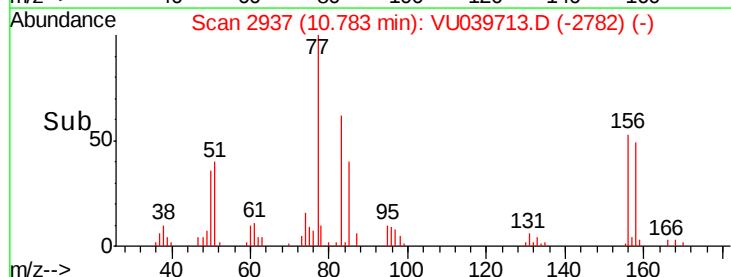
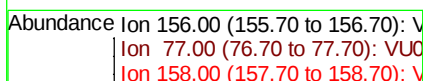
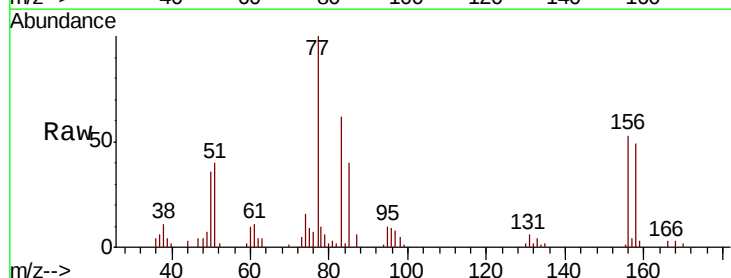
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

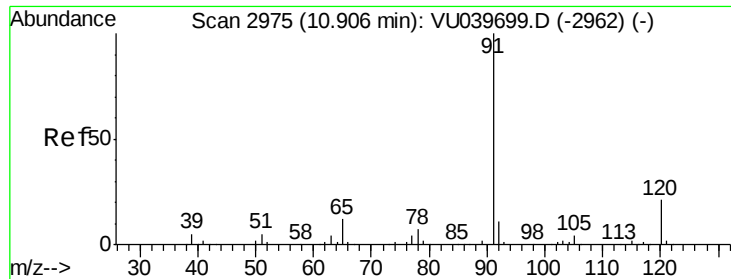
Tot Ion:	75	Resp:	16078
Ion	Ratio	Lower	Upper
75	100		
77	32.8	0.0	91.0
110	24.6	0.0	64.2
97	11.1	0.0	32.6



#72
Bromobenzene
Concen: 1.830 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. -0.00 min
Lab File: VU039713.D
Acq: 29 Jul 2020 19:54

Tgt Ion:	156	Resp:	11643
Ion	Ratio	Lower	Upper
156	100		
77	191.3	0.0	385.2
158	98.0	0.0	200.8





#73

n-propylbenzene

Concen: 1.682 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

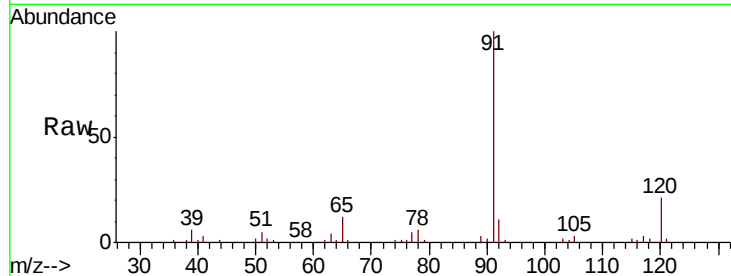
VU0729WBS01

Tot Ion:120 Resp: 13247

Ion Ratio Lower Upper

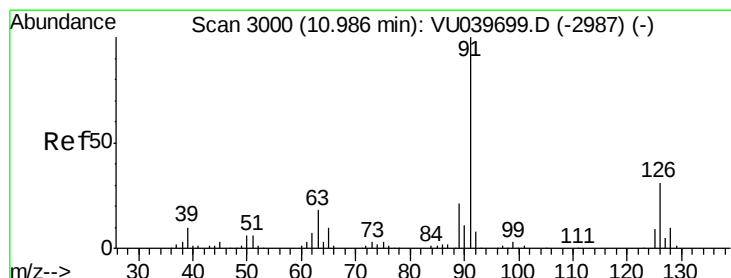
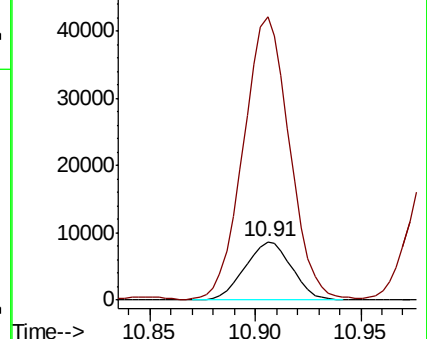
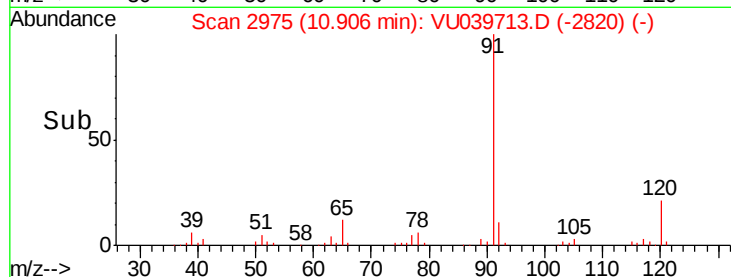
120 100

91 480.1 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.781 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039713.D

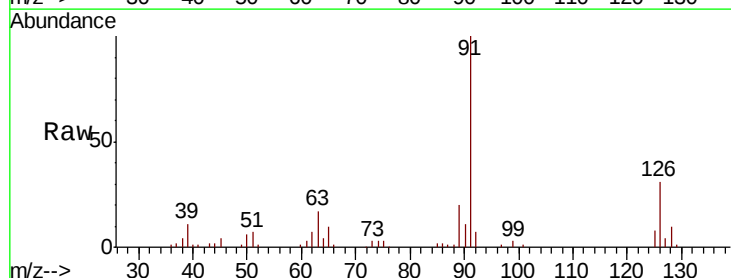
Acq: 29 Jul 2020 19:54

Tgt Ion:126 Resp: 11849

Ion Ratio Lower Upper

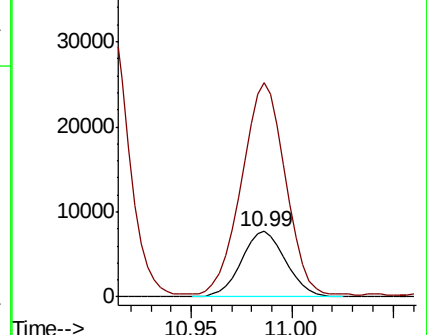
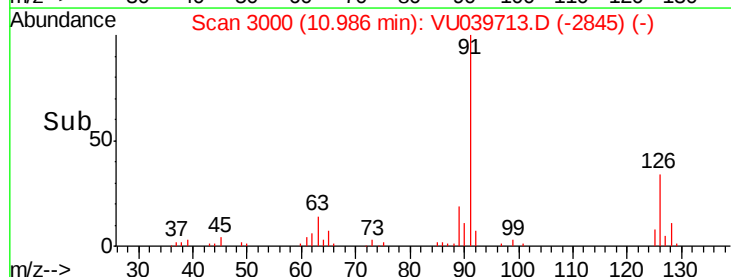
126 100

91 318.6 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.761 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

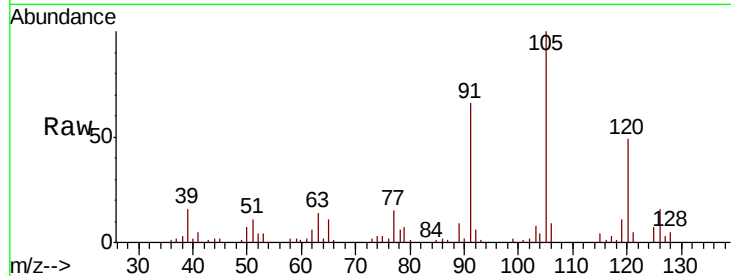
VU0729WBS01

Tot Ion:105 Resp: 42649

Ion Ratio Lower Upper

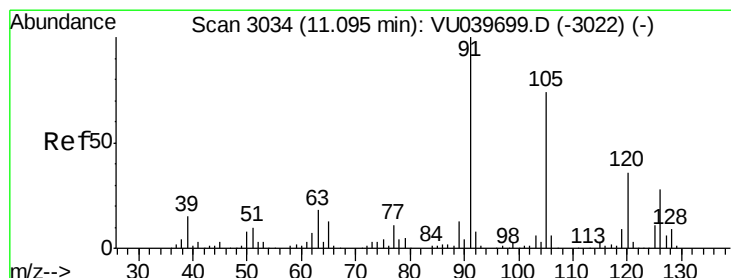
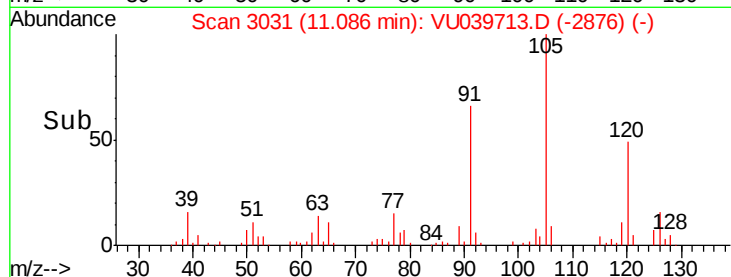
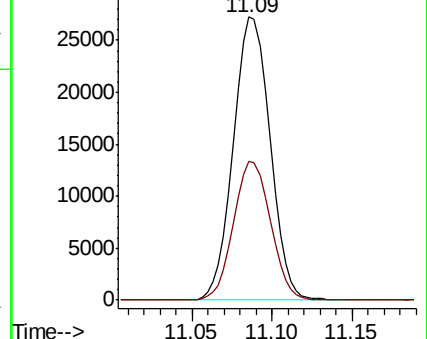
105 100

120 49.3 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.832 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039713.D

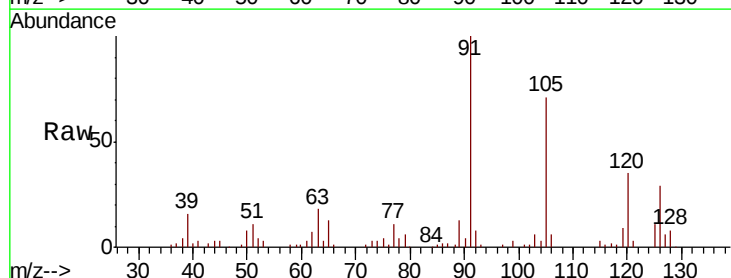
Acq: 29 Jul 2020 19:54

Tgt Ion:126 Resp: 12625

Ion Ratio Lower Upper

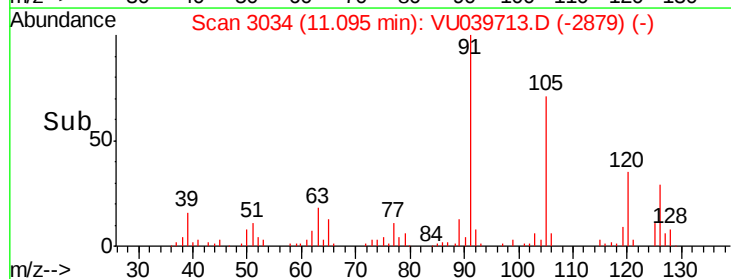
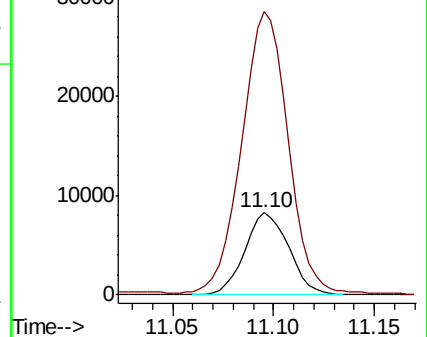
126 100

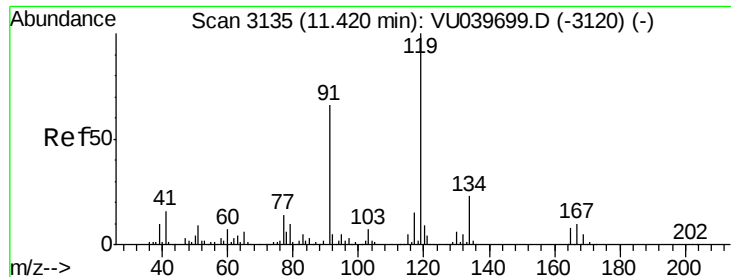
91 369.0 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.788 ug/l

RT: 11.42 min Scan# 3135

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

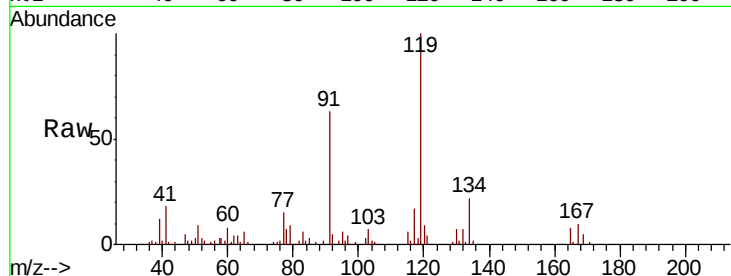
Tot Ion:119 Resp: 41537

Ion Ratio Lower Upper

119 100

91 61.8 31.9 95.5

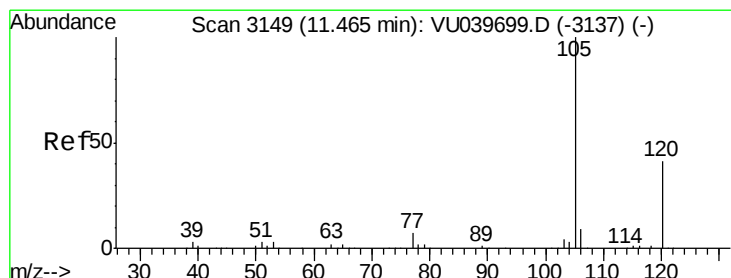
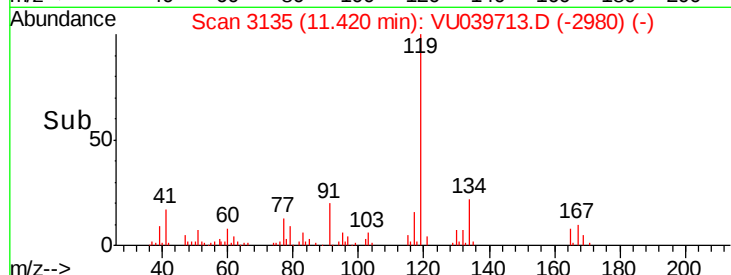
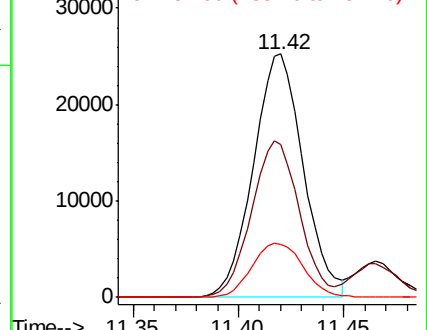
134 22.8 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.780 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039713.D

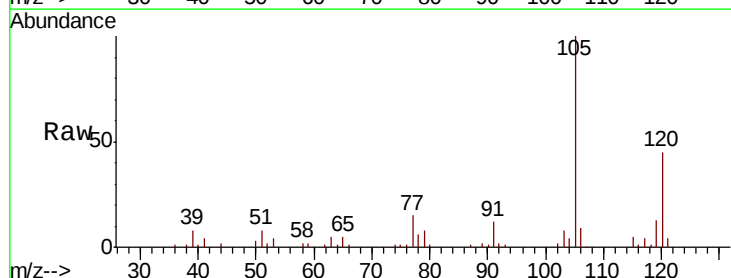
Acq: 29 Jul 2020 19:54

Tgt Ion:105 Resp: 44195

Ion Ratio Lower Upper

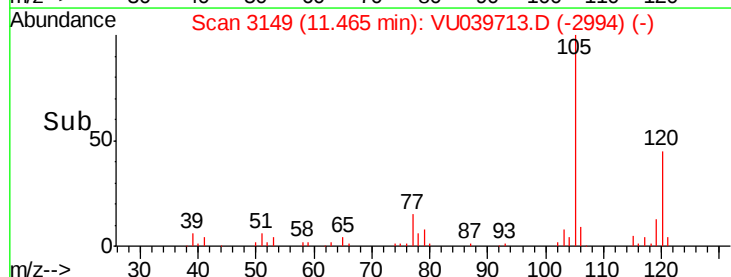
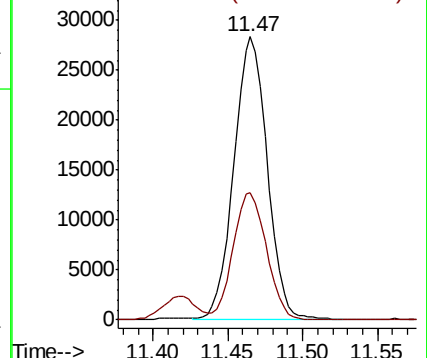
105 100

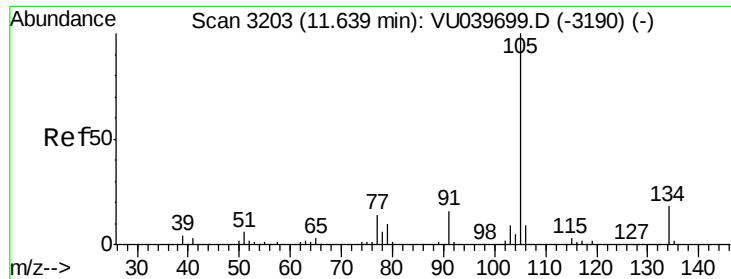
120 44.8 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

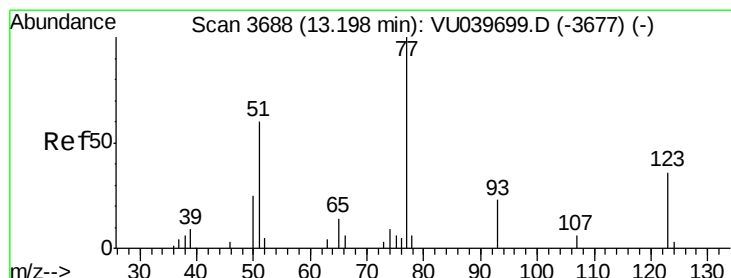
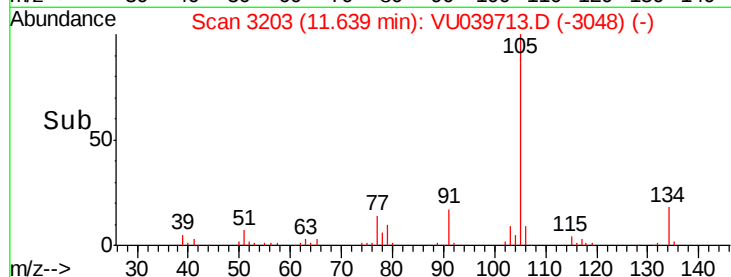
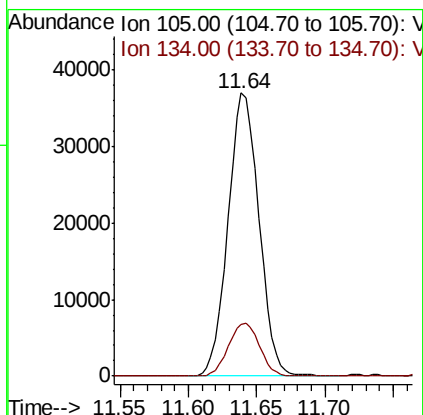
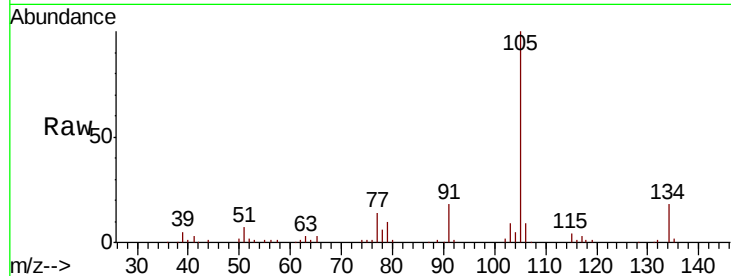




#79
 sec-Butylbenzene
 Concen: 1.767 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

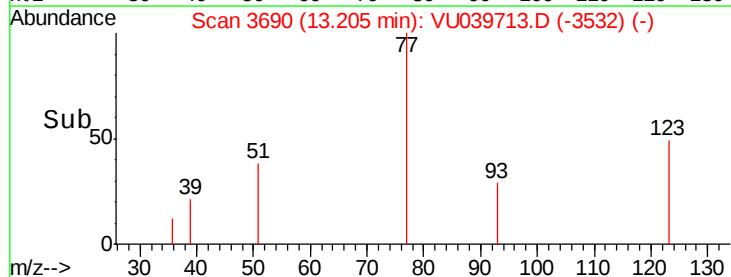
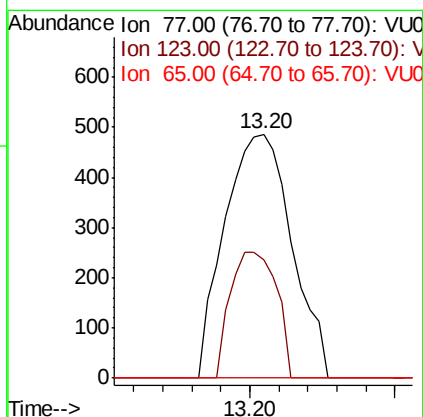
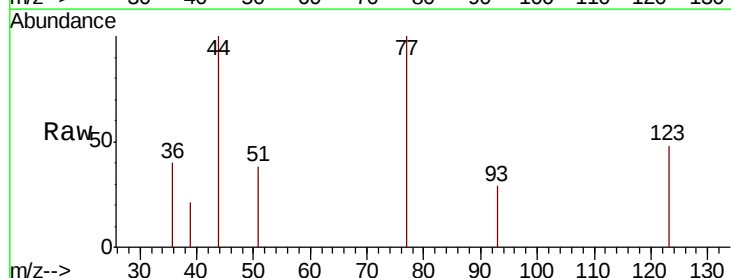
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

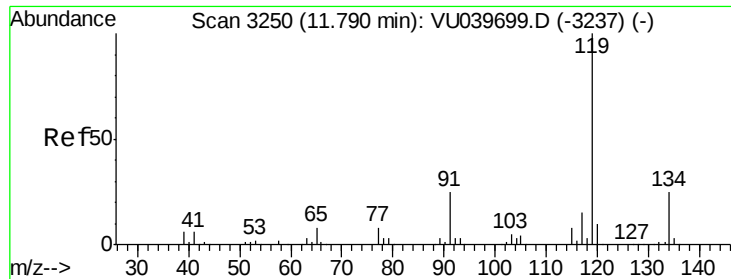
Tot Ion: 105 Resp: 58432
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2



#80
 Nitrobenzene
 Concen: 7.428 ug/l
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.01 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion: 77 Resp: 783
 Ion Ratio Lower Upper
 77 100
 123 35.4 16.9 59.9
 65 0.0 14.4 18.4#

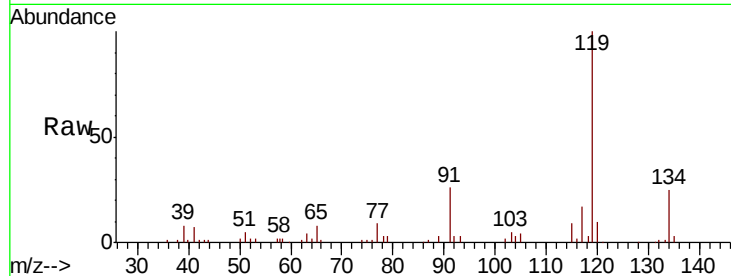




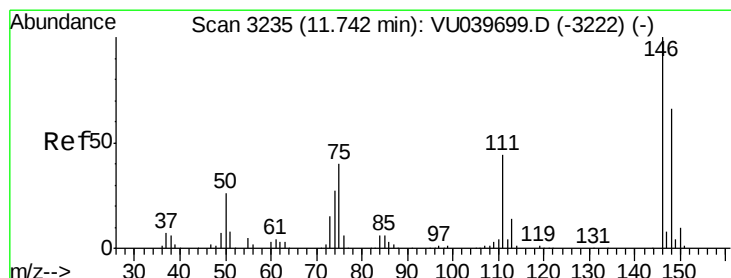
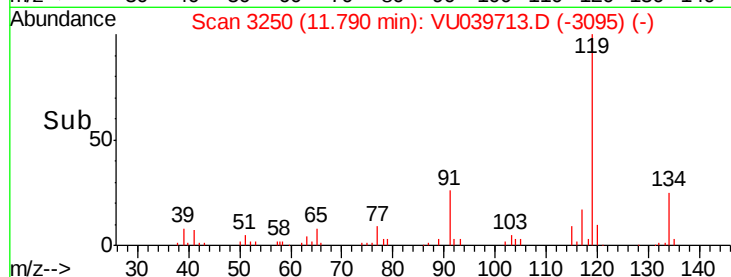
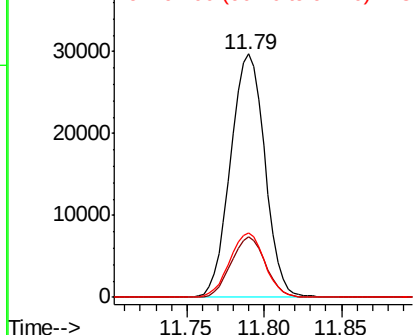
#81
 p-Isopropyltoluene
 Concen: 1.717 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

Tot Ion:119 Resp: 45752
 Ion Ratio Lower Upper
 119 100
 134 24.7 20.2 30.4
 91 26.8 20.7 31.1

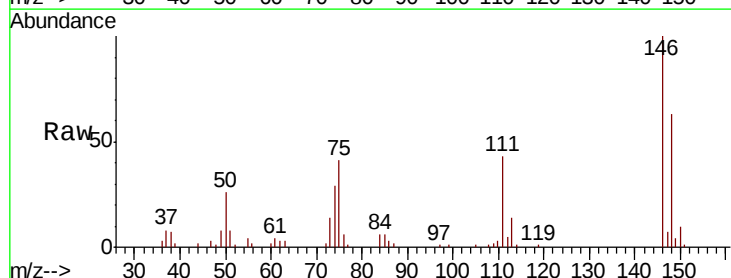


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

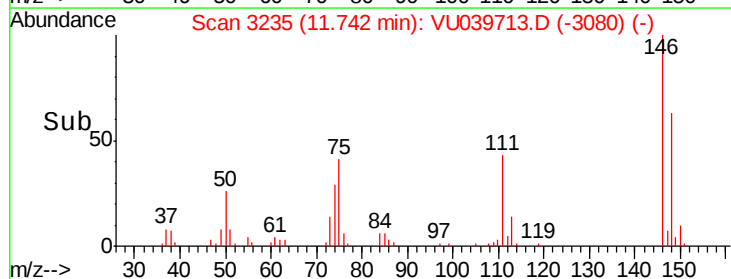
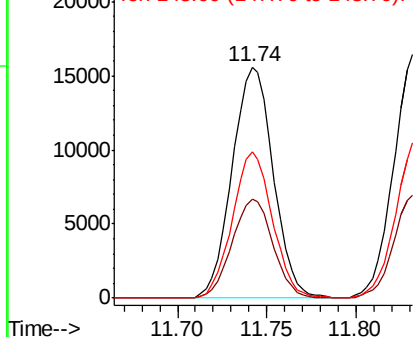


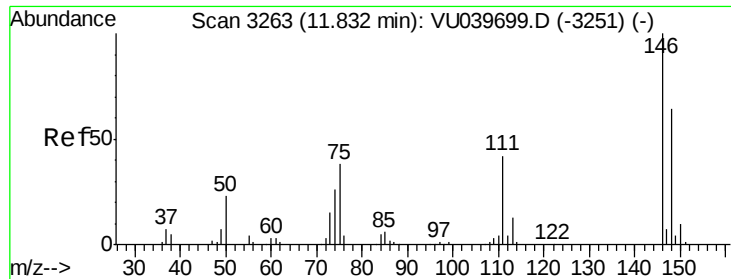
#82
 1,3-Dichlorobenzene
 Concen: 1.835 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion:146 Resp: 25116
 Ion Ratio Lower Upper
 146 100
 111 42.4 34.5 51.7
 148 61.6 51.4 77.0



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





#83

1,4-Dichlorobenzene

Concen: 1.854 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

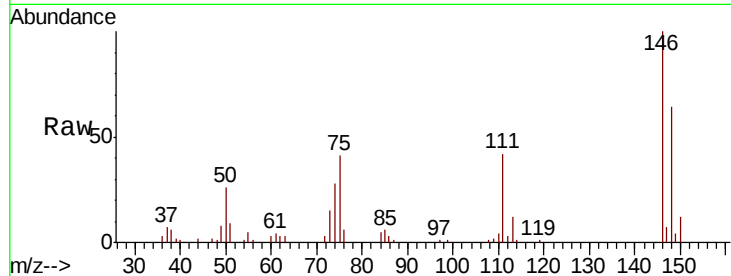
Tot Ion:146 Resp: 25536

Ion Ratio Lower Upper

146 100

111 41.9 33.8 50.6

148 63.4 51.1 76.7

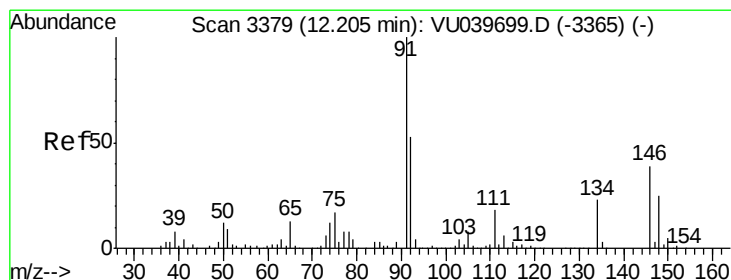
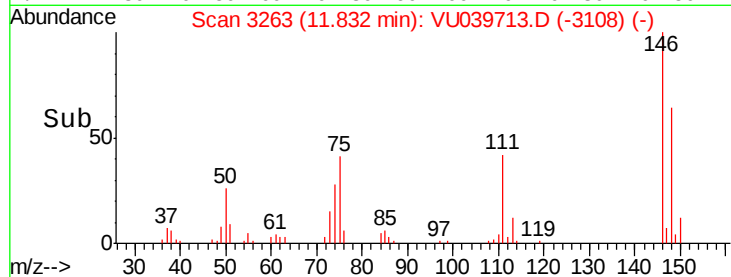
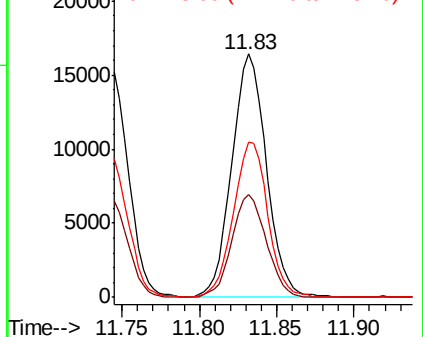


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 1.647 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

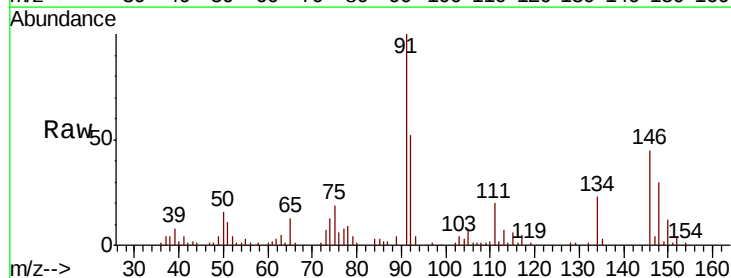
Tgt Ion: 91 Resp: 46621

Ion Ratio Lower Upper

91 100

92 52.2 42.6 64.0

134 22.8 18.2 27.4

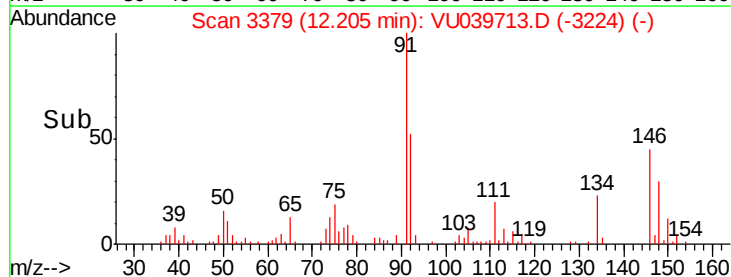
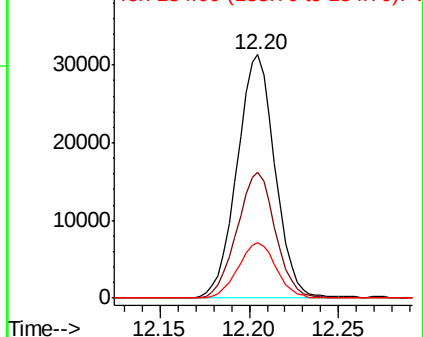


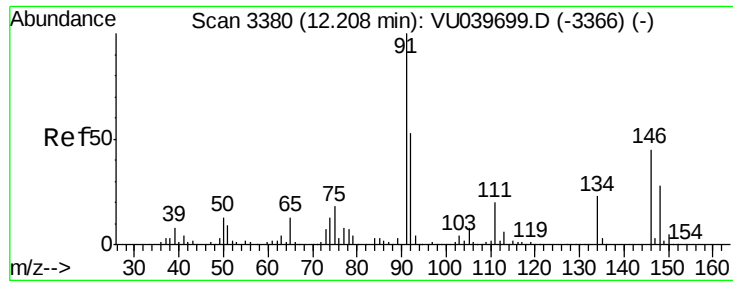
Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

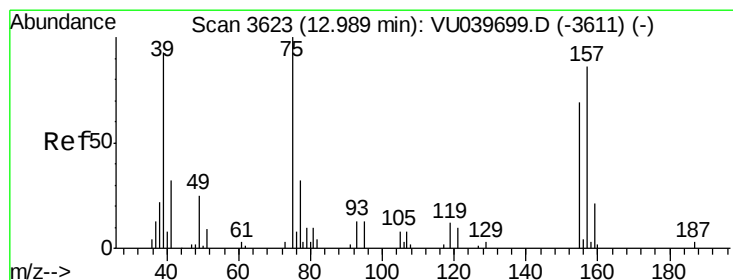
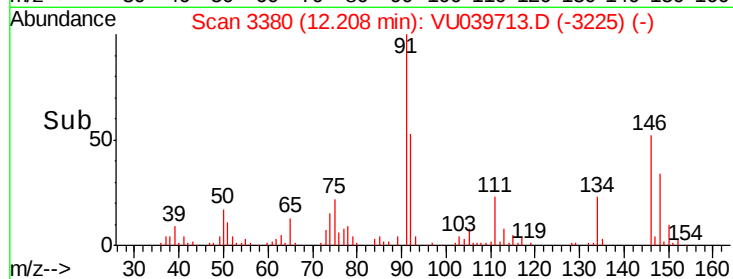
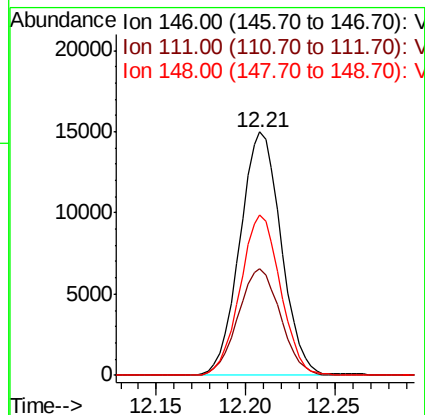
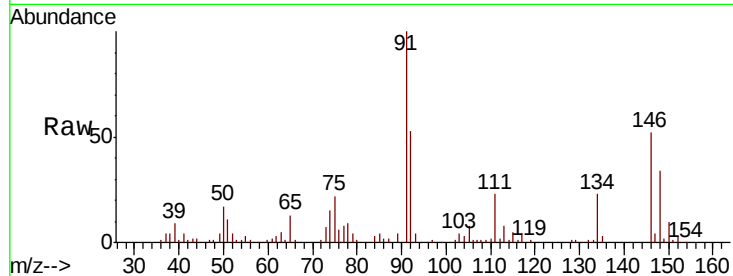




#85
 1,2-Dichlorobenzene
 Concen: 1.830 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

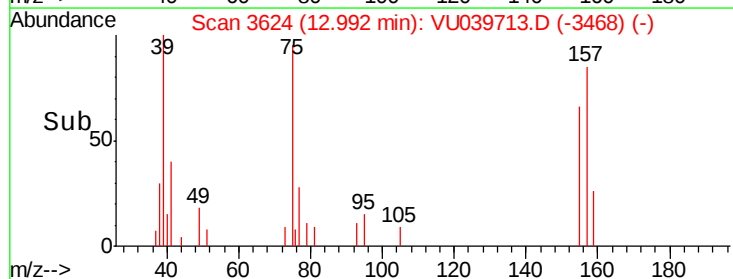
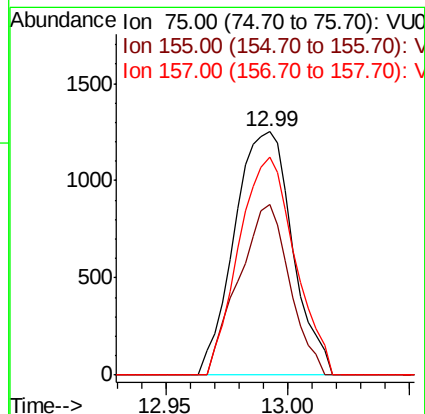
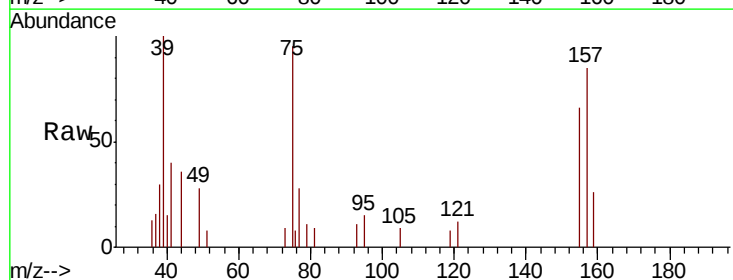
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

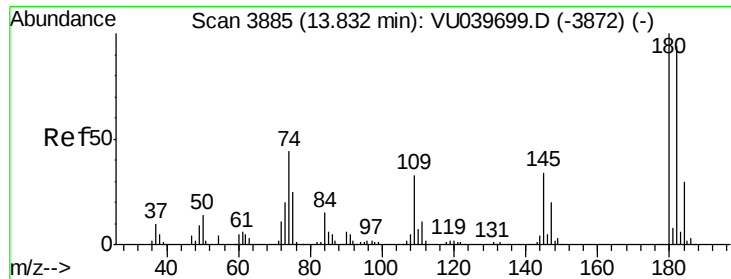
Tot Ion:146 Resp: 24154
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.8 68.3
 148 64.0 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.724 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion: 75 Resp: 2065
 Ion Ratio Lower Upper
 75 100
 155 61.5 52.9 79.3
 157 86.3 67.8 101.6

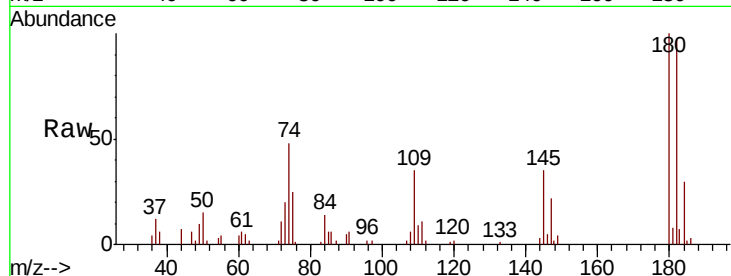




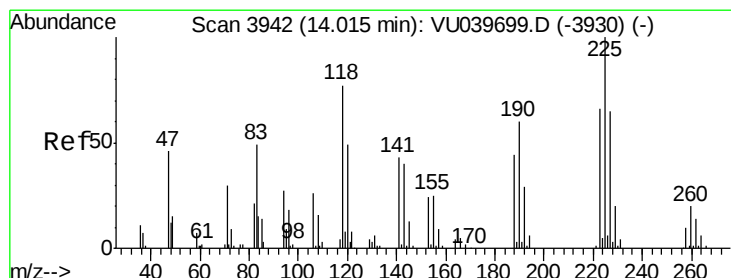
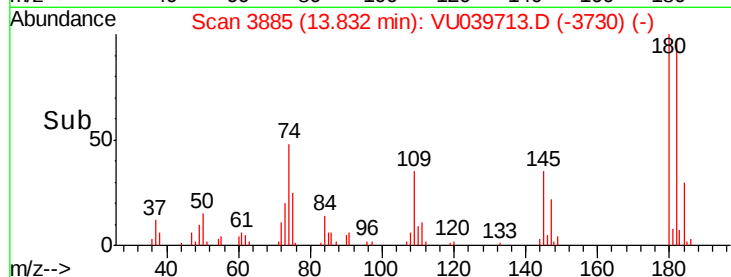
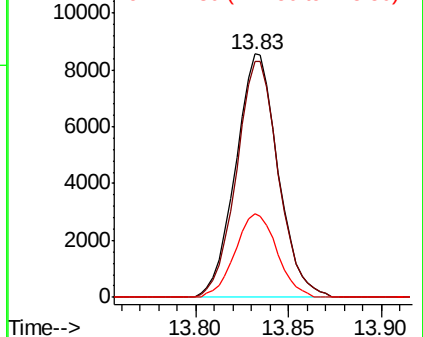
#87
 1,2,4-Trichlorobenzene
 Concen: 1.643 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBS01

Tot Ion:180 Resp: 13564
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.4
 145 34.1 26.8 40.2

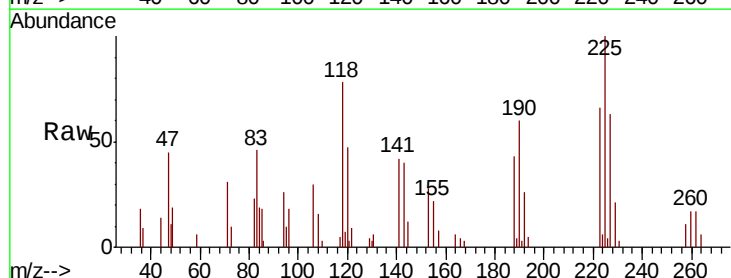


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

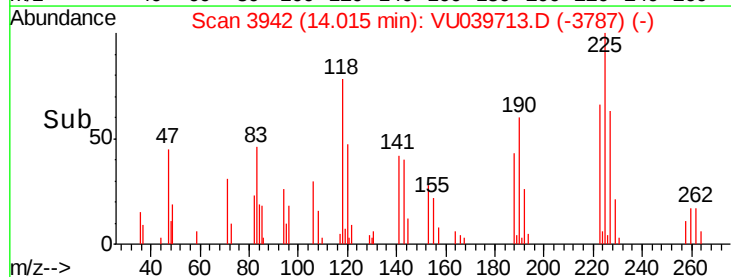
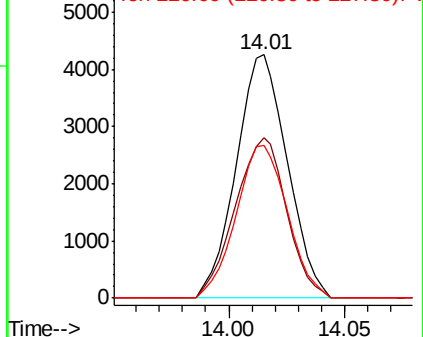


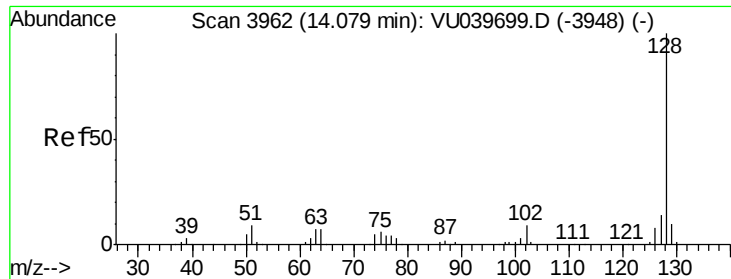
#88
 Hexachlorobutadiene
 Concen: 1.739 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039713.D
 Acq: 29 Jul 2020 19:54

Tgt Ion:225 Resp: 6516
 Ion Ratio Lower Upper
 225 100
 223 66.3 52.4 78.6
 227 62.9 50.7 76.1



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





#89

Naphthalene

Concen: 1.556 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBS01

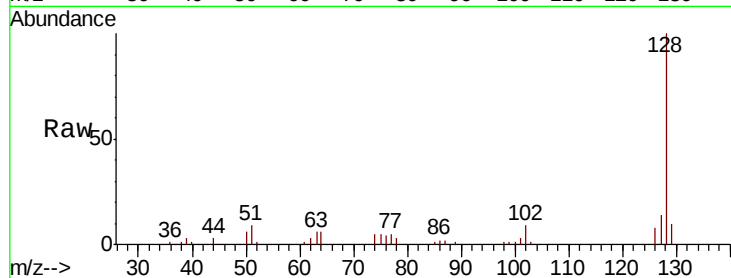
Tot Ion:128 Resp: 27475

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.4

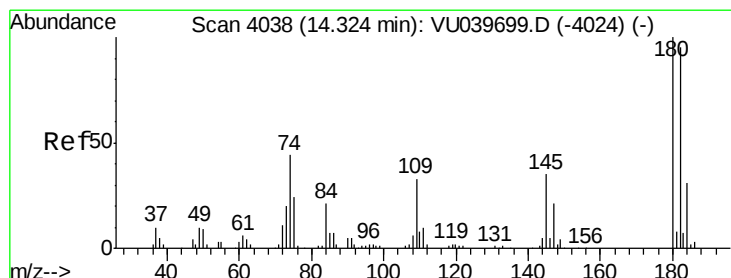
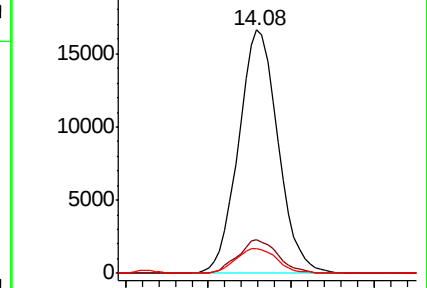
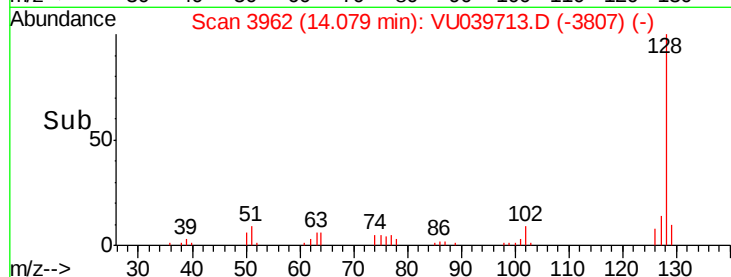
129 10.7 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.744 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039713.D

Acq: 29 Jul 2020 19:54

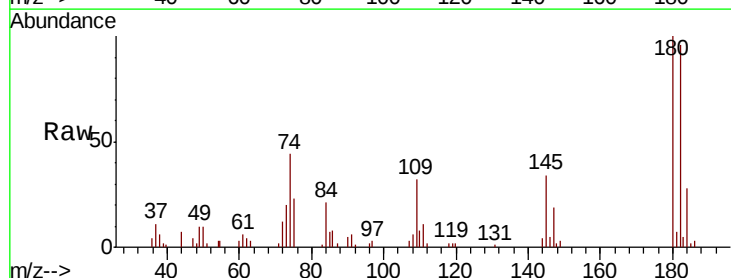
Tgt Ion:180 Resp: 13587

Ion Ratio Lower Upper

180 100

182 93.1 76.0 114.0

145 35.5 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

