

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039699.D
 Acq On : 29 Jul 2020 12:38
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 30 01:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	21160	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	8595	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8321	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	73565	10.179	ug/l 100
3) Chloromethane	1.53	50	86433	10.046	ug/l 100
4) Vinyl Chloride	1.61	62	80706	9.574	ug/l 100
5) Bromomethane	1.86	94	50105	9.584	ug/l 100
6) Chloroethane	1.94	64	54456	10.596	ug/l 100
7) Trichlorofluoromethane	2.15	101	108134	11.775	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	61580	10.931	ug/l 100
9) 1,1-Dichloroethene	2.59	96	57031	10.194	ug/l 100
10) Iodomethane	2.74	142	68946	18.523	ug/l 100
11) Allyl Chloride	2.93	41	121067	11.426	ug/l 100
12) Acrylonitrile	3.33	53	42388	26.663	ug/l 93
13) Acetone	2.64	43	90985	69.136	ug/l 100
14) Carbon Disulfide	2.81	76	208806	10.223	ug/l 100
15) Methylene Chloride	3.06	84	69859	8.999	ug/l 100
16) trans-1,2-Dichloroethene	3.37	96	64105	10.443	ug/l 100
17) 1,1-Dichloroethane	3.89	63	141414	11.802	ug/l 100
18) 2-Butanone	4.74	43	152612	75.163	ug/l 100
19) Cyclohexane	5.40	56	122683	10.639	ug/l 93
20) Methylcyclohexane	6.77	83	109816	10.065	ug/l 100
21) 2,2-Dichloropropane	4.68	77	112357	11.345	ug/l 100
22) cis-1,2-Dichloroethene	4.68	96	69254	10.646	ug/l 100
23) Diethyl Ether	2.39	59	57239	11.412	ug/l 100
24) tert-Butyl Alcohol	3.20	59	68821	120.356	ug/l 100
25) Methyl tert-Butyl Ether	3.39	73	187412	11.840	ug/l 100
26) Bromochloromethane	4.99	128	27979	10.662	ug/l 100
27) Chloroform	5.11	83	129770	11.587	ug/l 100
28) 1,1,1-Trichloroethane	5.33	97	106469	11.590	ug/l 100
29) 1,1-Dichloropropene	5.54	75	101681	11.099	ug/l 100
30) Carbon Tetrachloride	5.54	117	87896	11.479	ug/l 100
31) Isopropyl Ether	4.02	45	257268	12.816	ug/l 100
32) Ethyl-t-butyl ether	4.53	59	219612	12.269	ug/l 100
33) Tert-Amyl methyl ether	5.97	73	161945	10.807	ug/l 100
34) Propionitrile	4.80	54	38433	68.133	ug/l 100
35) Benzene	5.79	78	252240	10.034	ug/l 100
36) 1,2-Dichloroethane	5.81	62	94665	12.172	ug/l 100
37) Trichloroethene	6.55	130	59305	9.111	ug/l 100
38) 1,2-Dichloropropane	6.81	63	73303	10.681	ug/l 100
39) Methacrylonitrile	5.00	41	36553	13.725	ug/l 100
40) Methyl acrylate	4.87	55	51843	13.402	ug/l 100
41) Tetrahydrofuran	5.08	42	37189	27.780	ug/l 100
42) 1-Chlorobutane	5.47	56	160613	11.955	ug/l 100

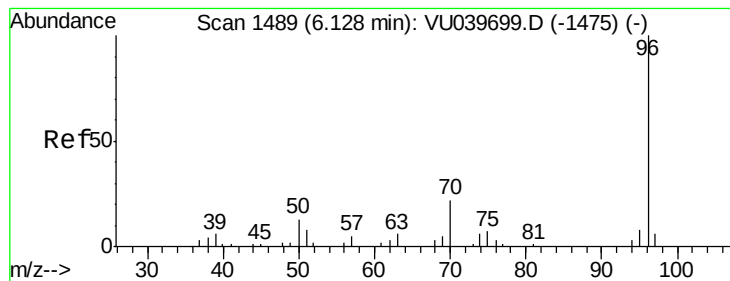
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
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Quant Time: Jul 30 01:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	37404	11.483	ug/l	100
44) Bromodichloromethane	7.12	83	91243	11.271	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	303991	66.299	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	94407	67.382	ug/l #	50
47) Methyl methacrylate	6.98	69	77001	23.333	ug/l	100
48) Ethyl methacrylate	8.35	69	70797	11.654	ug/l	100
49) Toluene	7.98	92	161003	10.139	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	87903	10.778	ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	99438	10.255	ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	49821	10.943	ug/l	100
53) 1,3-Dichloropropane	8.58	76	95948	11.199	ug/l	100
54) 2-Hexanone	8.70	43	218665	67.252	ug/l	100
55) Dibromochloromethane	8.82	129	56631	11.237	ug/l	100
56) 1,2-Dibromoethane	8.93	107	49411	11.415	ug/l	100
58) Tetrachloroethene	8.56	164	51336	8.602	ug/l	100
59) Chlorobenzene	9.45	112	166401	9.908	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	55678	10.770	ug/l	100
61) Pentachloroethane	11.43	117	50060	12.510	ug/l	100
62) Hexachloroethane	12.47	117	47316	11.543	ug/l	100
63) Ethyl Benzene	9.57	91	313466	10.422	ug/l	100
64) m/p-Xylenes	9.70	106	247331	21.295	ug/l	100
65) o-Xylene	10.10	106	115109	10.226	ug/l	100
66) Styrene	10.11	104	203476	10.882	ug/l	100
67) Bromoform	10.29	173	30125	11.377	ug/l	100
69) Isopropylbenzene	10.48	105	308857	10.483	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	74055	12.372	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	94407	20.897	ug/l	80
72) Bromobenzene	10.78	156	66560	10.164	ug/l	100
73) n-propylbenzene	10.91	120	87081	10.748	ug/l	100
74) 2-Chlorotoluene	10.99	126	70977	10.432	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	276020	11.172	ug/l	100
76) 4-Chlorotoluene	11.10	126	75685	10.682	ug/l	100
77) tert-Butylbenzene	11.42	119	257977	10.995	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	284226	11.170	ug/l	100
79) sec-Butylbenzene	11.64	105	366590	10.930	ug/l	100
80) Nitrobenzene	13.20	77	6279	38.621	ug/l	100
81) p-Isopropyltoluene	11.79	119	301142	11.114	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	142854	10.439	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	142483	10.292	ug/l	100
84) n-Butylbenzene	12.20	91	313469	11.517	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	138145	10.761	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13240	13.594	ug/l	100
87) 1,2,4-Trichlorobenzene	13.83	180	89255	9.708	ug/l	100
88) Hexachlorobutadiene	14.01	225	38670	9.499	ug/l	100
89) Naphthalene	14.08	128	200614	11.091	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	83388	10.126	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 96 Resp: 21160

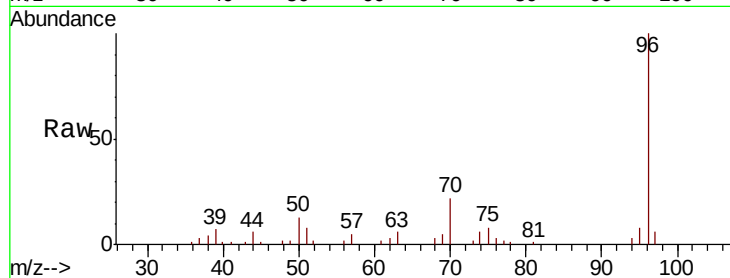
Ion Ratio Lower Upper

96 100

70 20.4 16.3 24.5

95 8.5 6.8 10.2

97 0.0 0.0 0.0

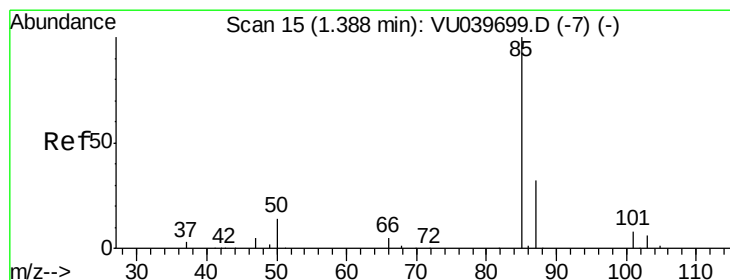
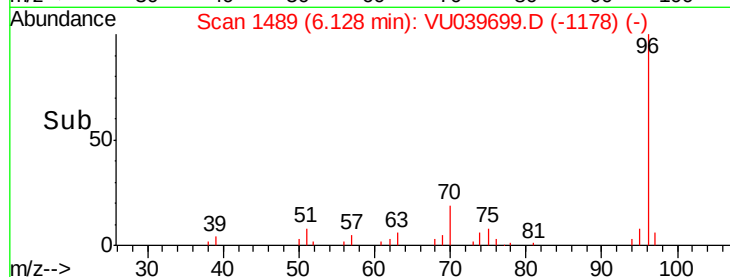
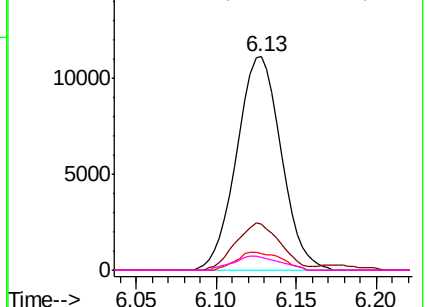


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 10.179 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU039699.D

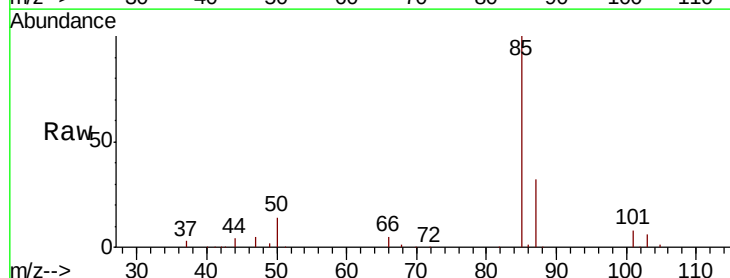
Acq: 29 Jul 2020 12:38

Tgt Ion: 85 Resp: 73565

Ion Ratio Lower Upper

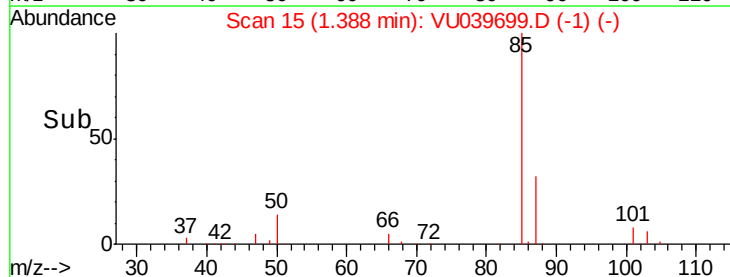
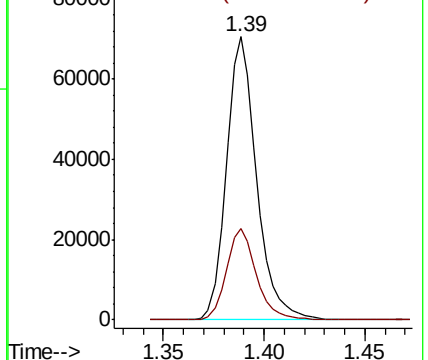
85 100

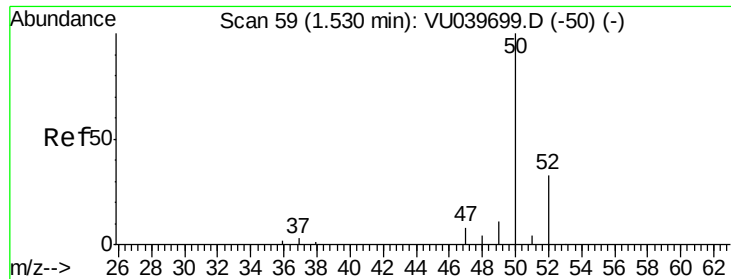
87 32.4 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 10.046 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

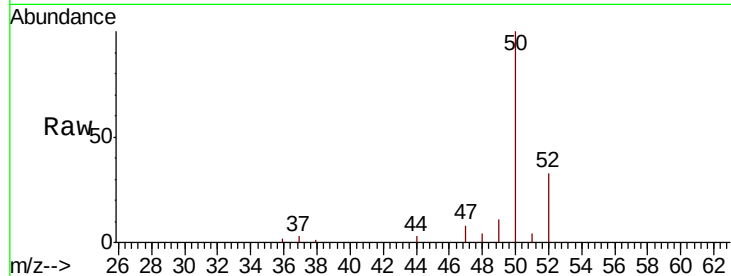
VSTDICCC010

Tot Ion: 50 Resp: 86433

Ion Ratio Lower Upper

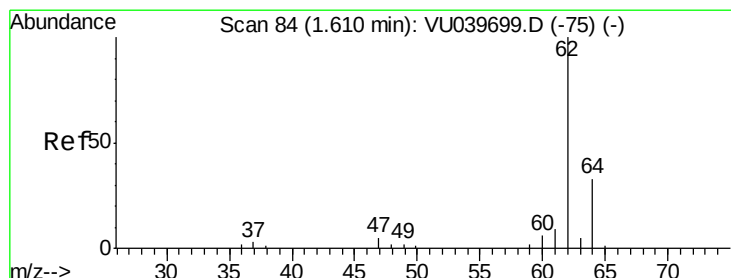
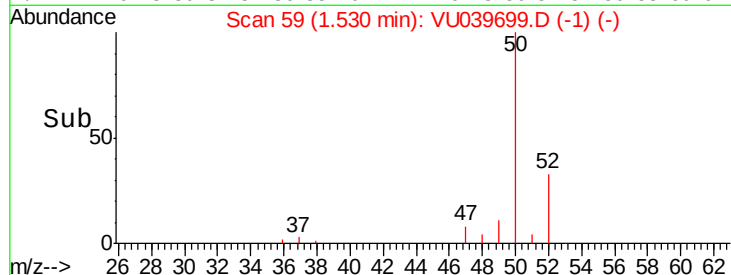
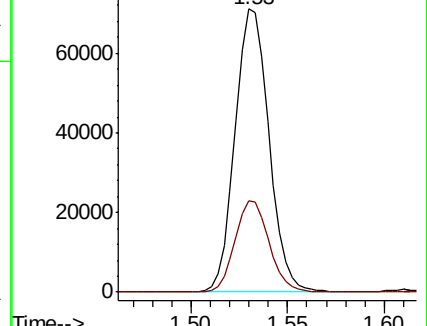
50 100

52 32.5 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU039699.D (-50) (-)

Ion 52.00 (51.70 to 52.70): VU039699.D (-50) (-)



#4

Vinyl Chloride

Concen: 9.574 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039699.D

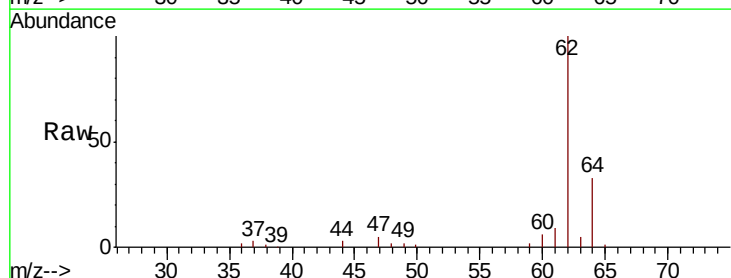
Acq: 29 Jul 2020 12:38

Tgt Ion: 62 Resp: 80706

Ion Ratio Lower Upper

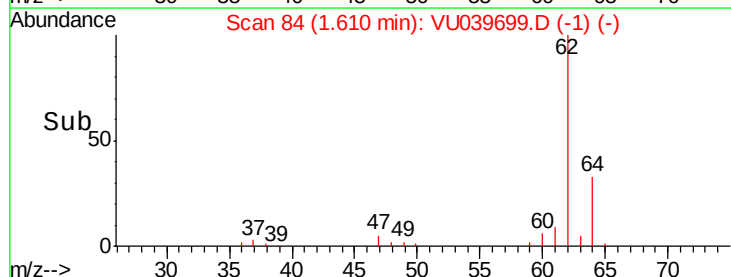
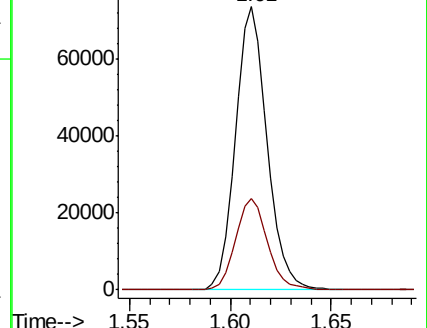
62 100

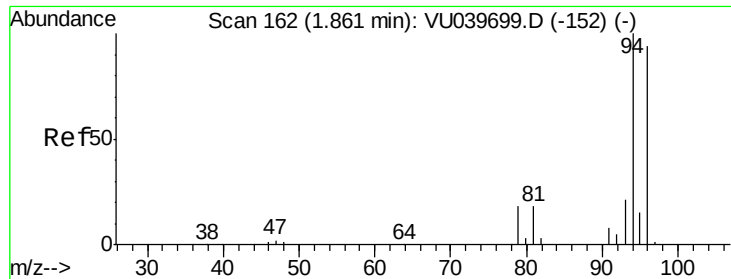
64 32.5 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-75) (-)

Ion 64.00 (63.70 to 64.70): VU039699.D (-75) (-)

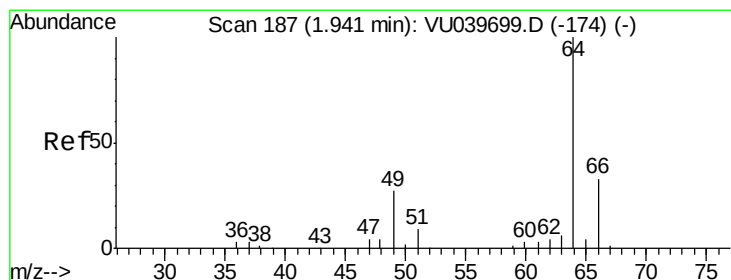
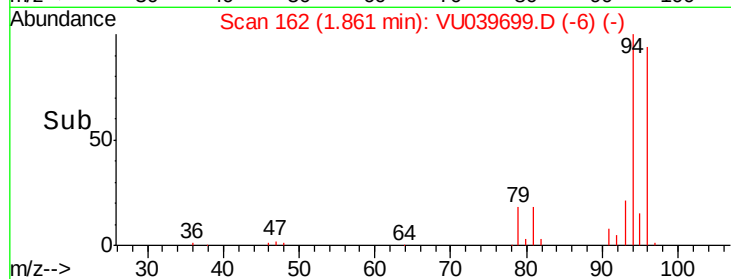
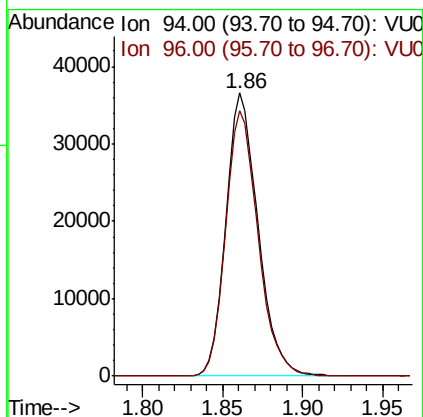
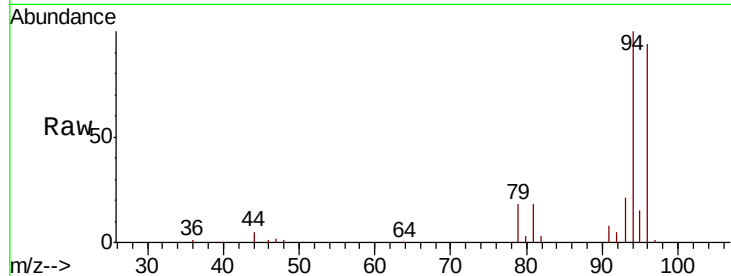




#5
Bromomethane
Concen: 9.584 ug/l
RT: 1.86 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

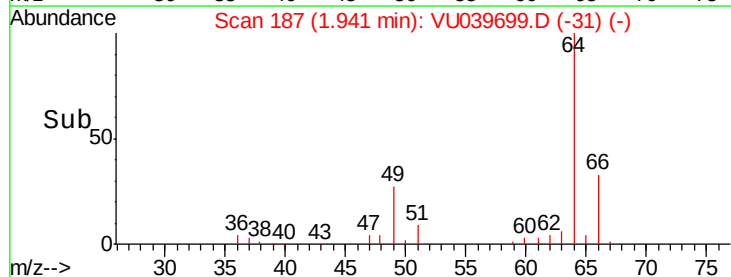
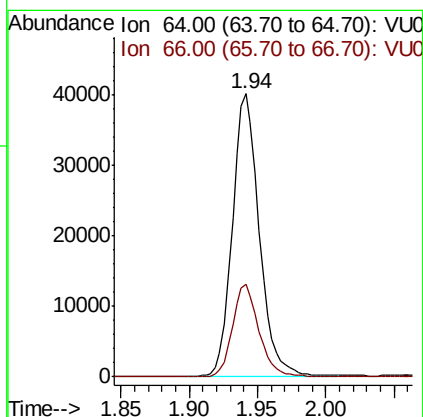
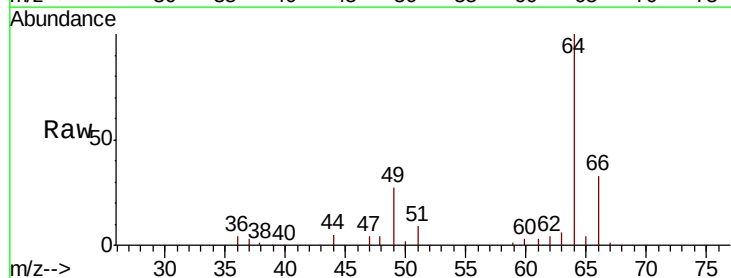
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

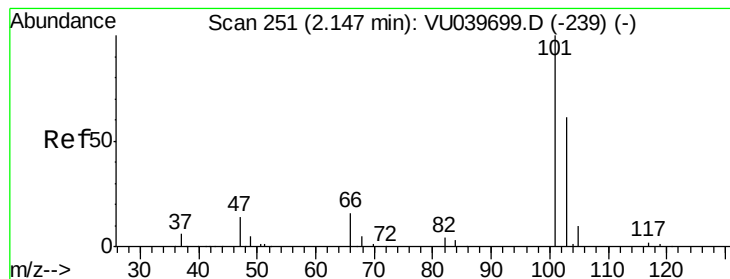
Tot Ion: 94 Resp: 50105
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.6



#6
Chloroethane
Concen: 10.596 ug/l
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 64 Resp: 54456
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2



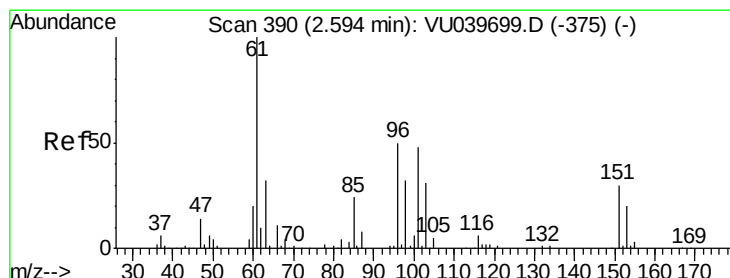
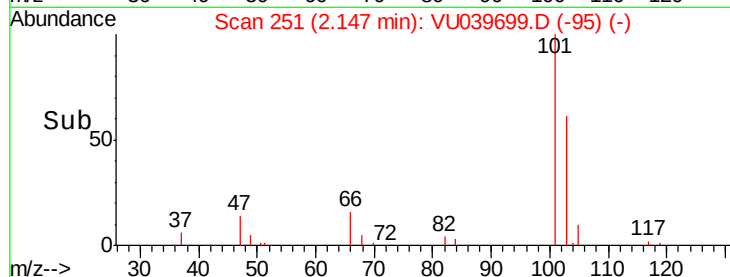
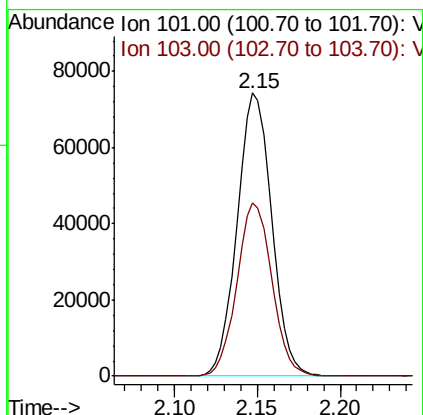
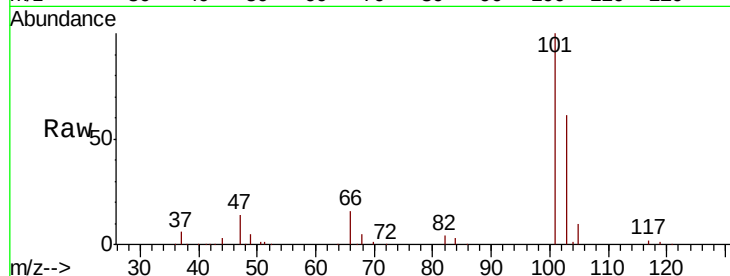


#7

Trichlorofluoromethane
Concen: 11.775 ug/l
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

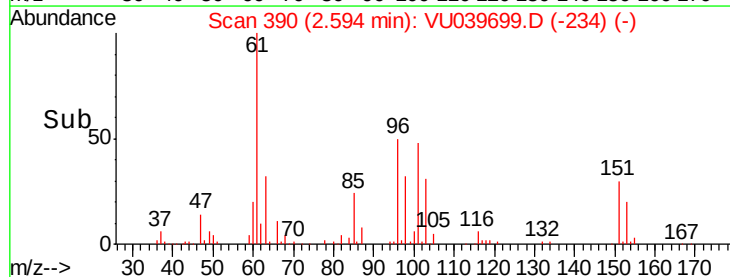
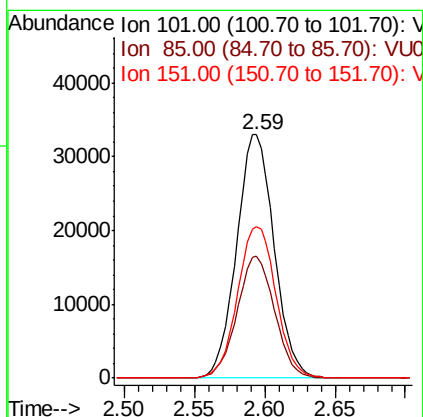
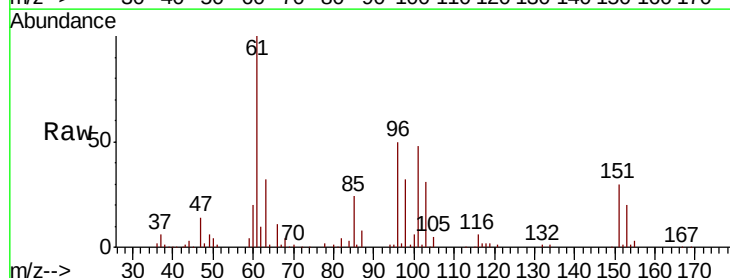
Tot Ion:101 Resp: 108134
Ion Ratio Lower Upper
101 100
103 61.0 48.8 73.2

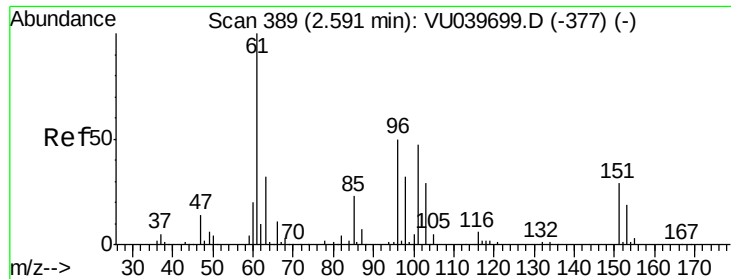


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.931 ug/l
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion:101 Resp: 61580
Ion Ratio Lower Upper
101 100
85 49.9 39.9 59.9
151 63.7 51.0 76.4





#9

1,1-Dichloroethene

Concen: 10.194 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

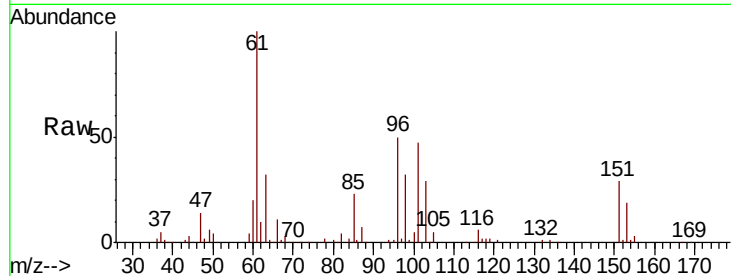
Tot Ion: 96 Resp: 57031

Ion Ratio Lower Upper

96 100

61 201.5 0.0 604.5

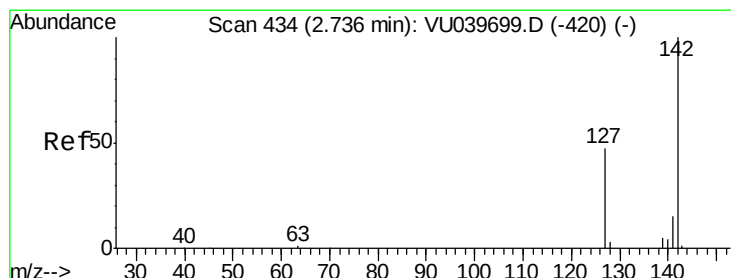
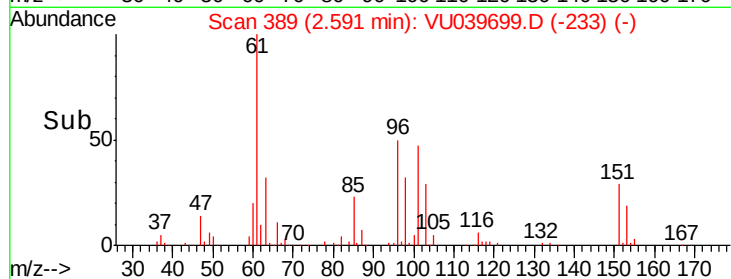
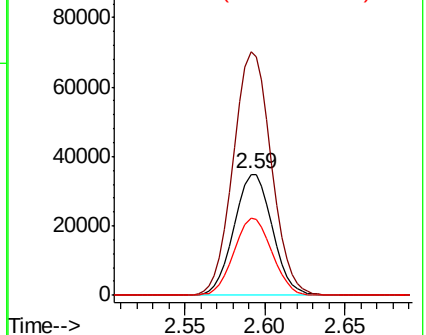
98 63.6 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)



#10

Iodomethane

Concen: 18.523 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU039699.D

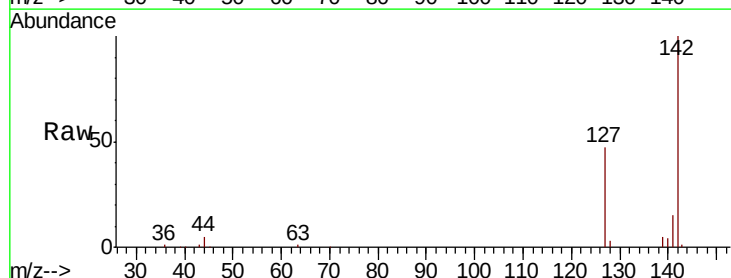
Acq: 29 Jul 2020 12:38

Tgt Ion:142 Resp: 68946

Ion Ratio Lower Upper

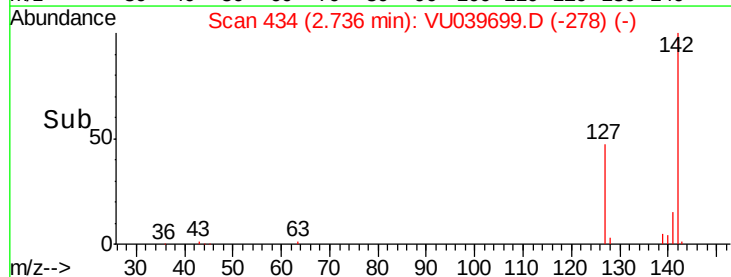
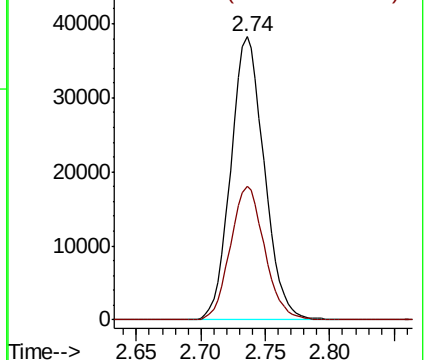
142 100

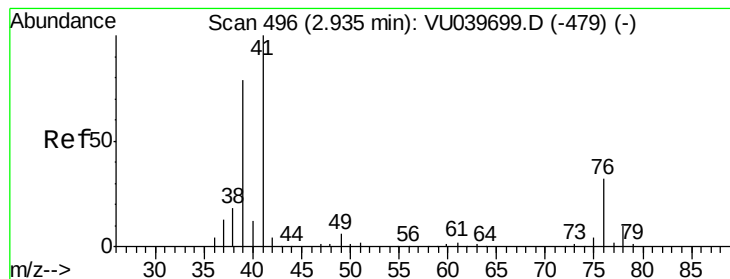
127 48.0 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)





#11

Allvl Chloride

Concen: 11.426 ug/l

RT: 2.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

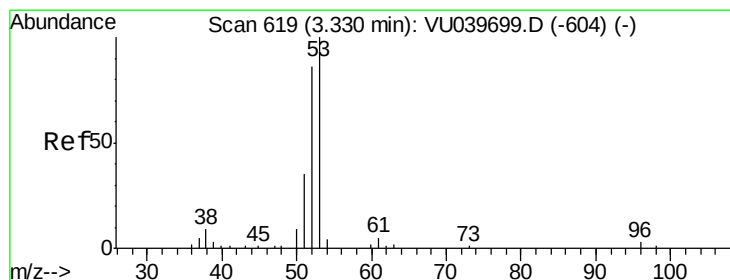
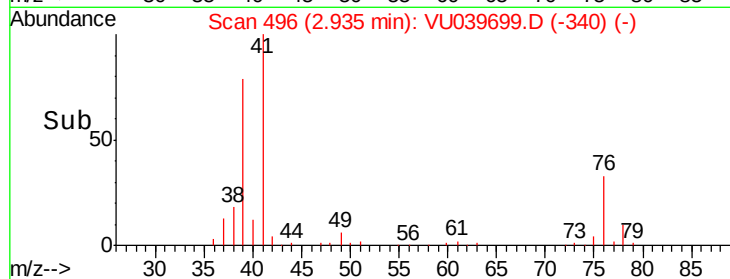
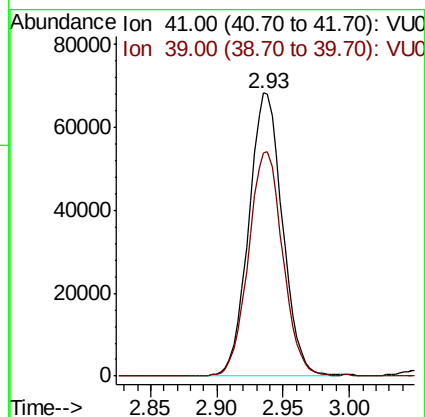
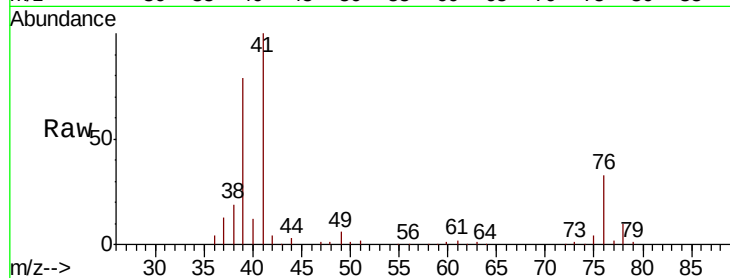
VSTDICCC010

Tot Ion: 41 Resp: 121067

Ion Ratio Lower Upper

41 100

39 80.2 64.2 96.2



#12

Acrylonitrile

Concen: 26.663 ug/l

RT: 3.33 min Scan# 619

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

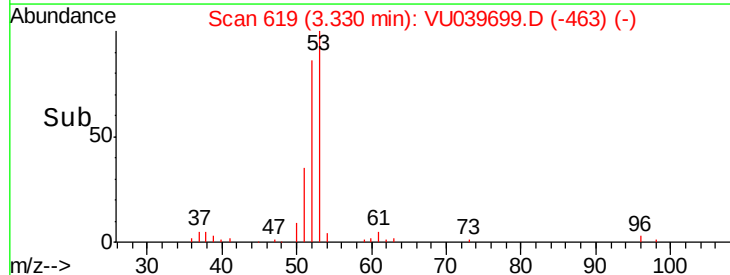
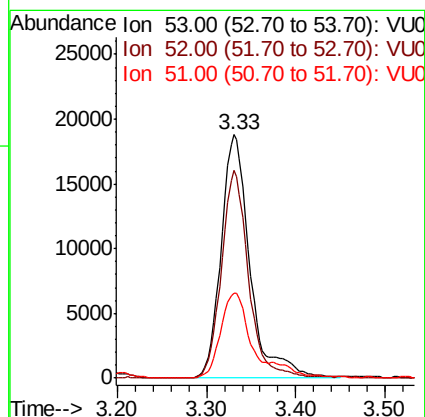
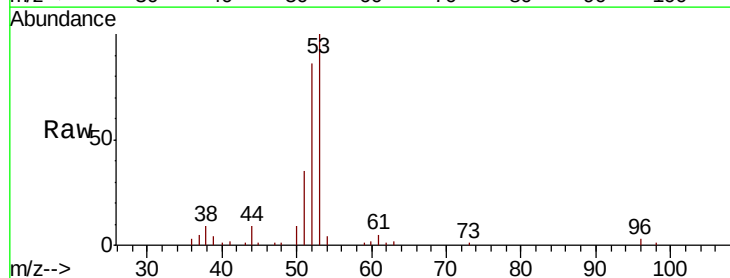
Tgt Ion: 53 Resp: 42388

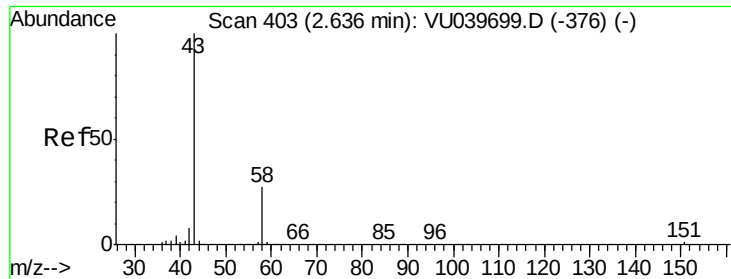
Ion Ratio Lower Upper

53 100

52 79.6 69.1 103.7

51 33.9 29.4 44.2





#13

Acetone

Concen: 69.136 ug/l

RT: 2.64 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

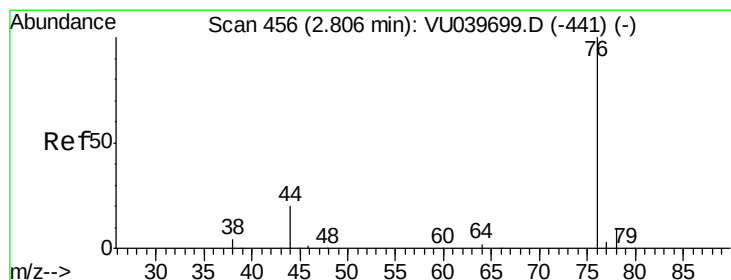
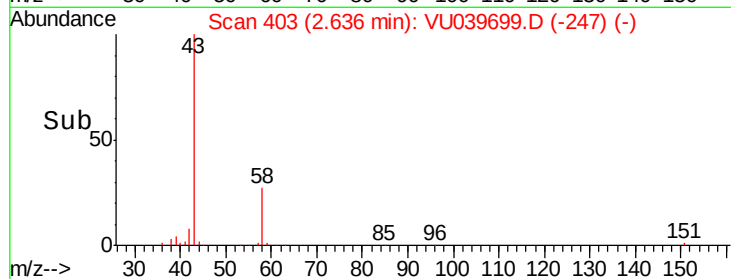
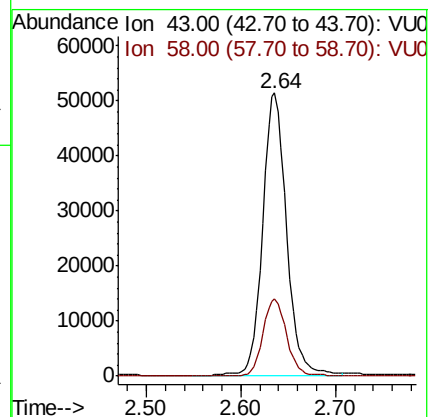
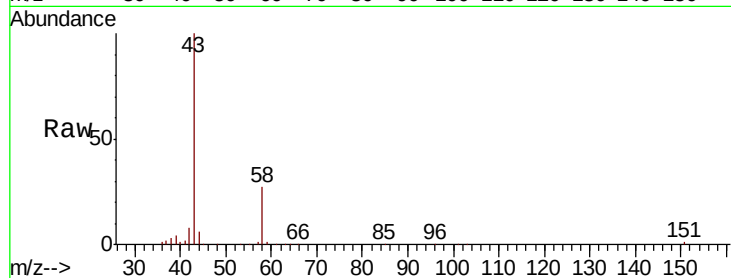
VSTDICCC010

Tot Ion: 43 Resp: 90985

Ion Ratio Lower Upper

43 100

58 27.2 21.8 32.6



#14

Carbon Disulfide

Concen: 10.223 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039699.D

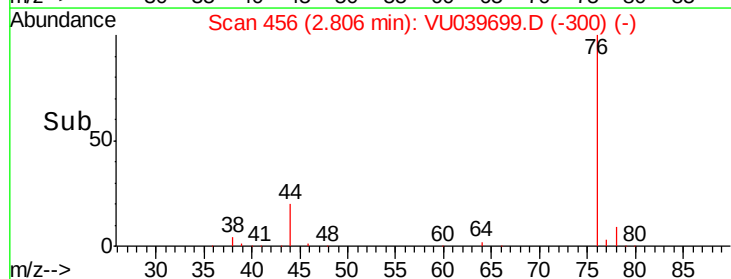
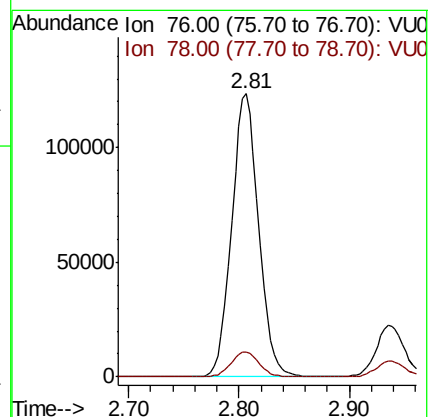
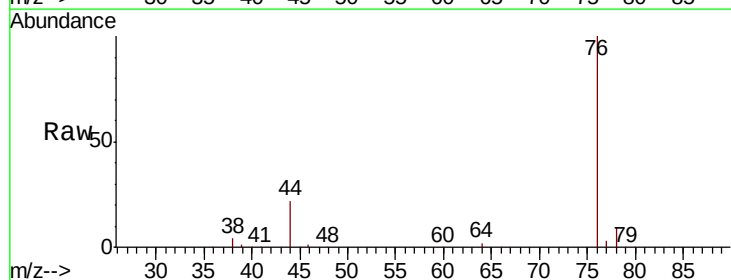
Acq: 29 Jul 2020 12:38

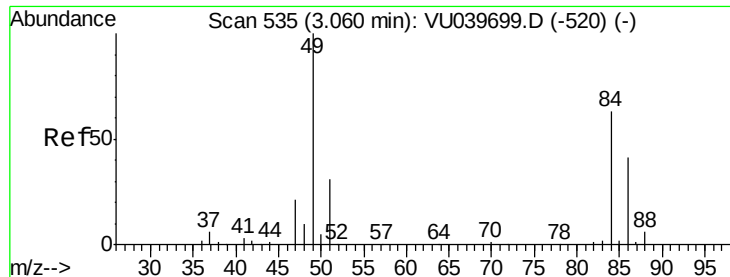
Tgt Ion: 76 Resp: 208806

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

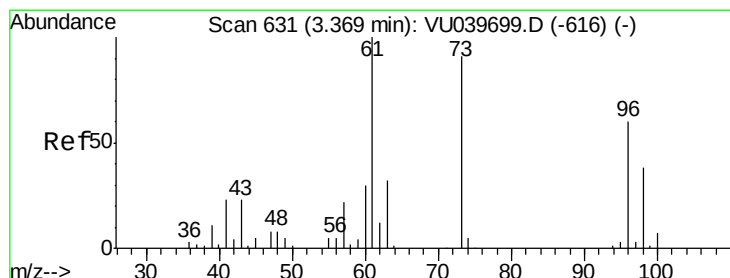
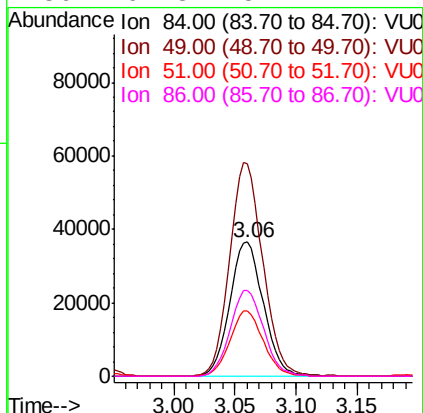
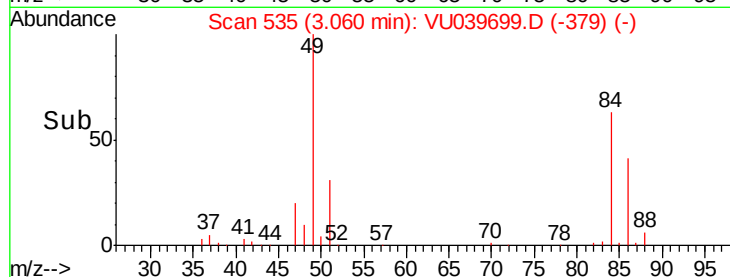
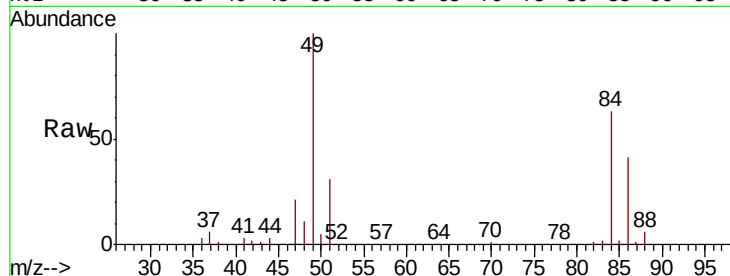




#15
Methylene Chloride
Concen: 8.999 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

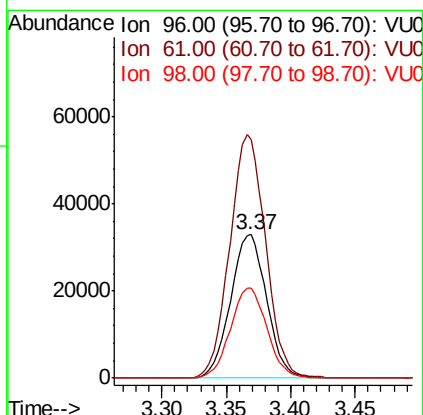
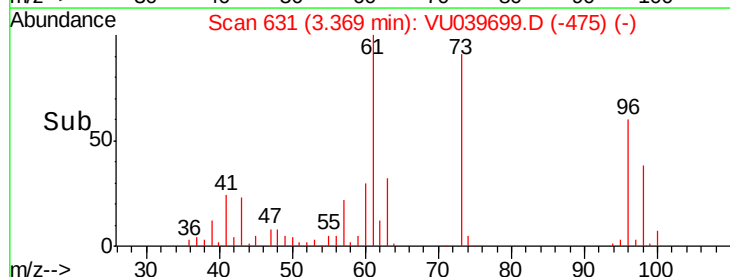
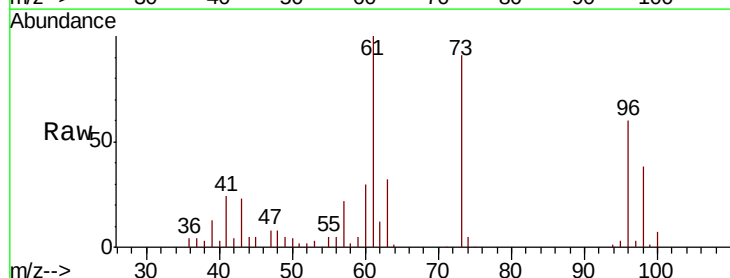
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

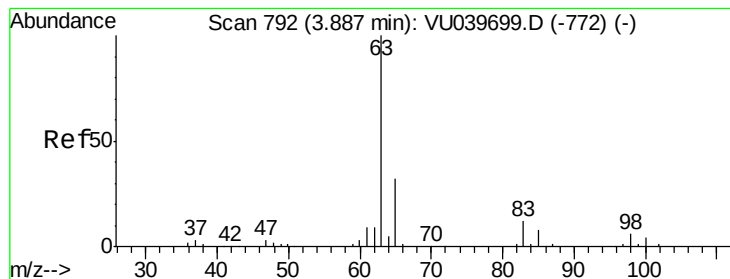
Tot Ion: 84 Resp: 69859
Ion Ratio Lower Upper
84 100
49 158.5 126.8 190.2
51 48.6 0.0 97.2
86 64.3 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 10.443 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 96 Resp: 64105
Ion Ratio Lower Upper
96 100
61 165.8 132.6 199.0
98 62.7 50.2 75.2





#17

1,1-Dichloroethane

Concen: 11.802 ug/l

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

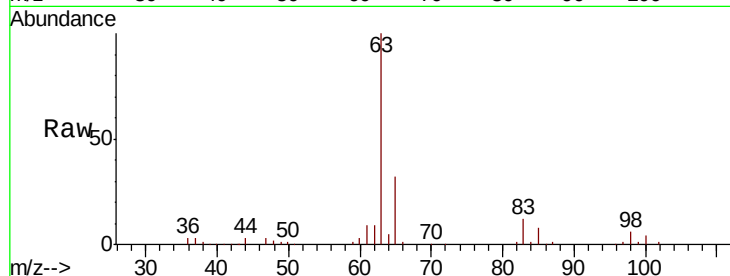
Tot Ion: 63 Resp: 141414

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.7

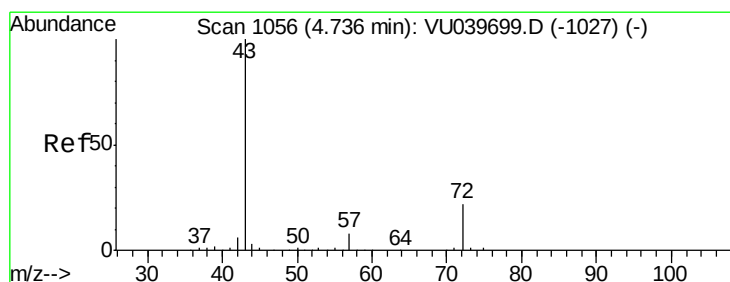
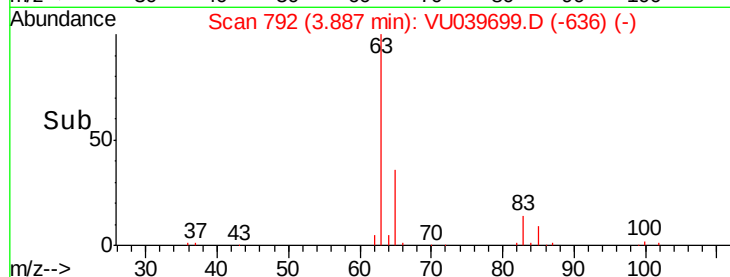
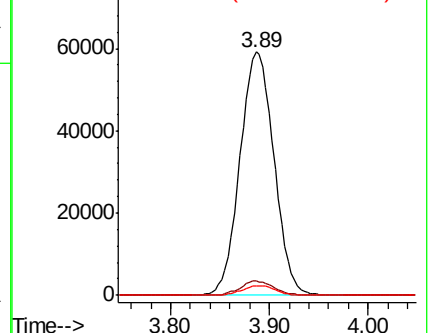
100 4.0 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-772) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-772) (-)

Ion 100.00 (99.70 to 100.70): VU039699.D (-772) (-)



#18

2-Butanone

Concen: 75.163 ug/l

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039699.D

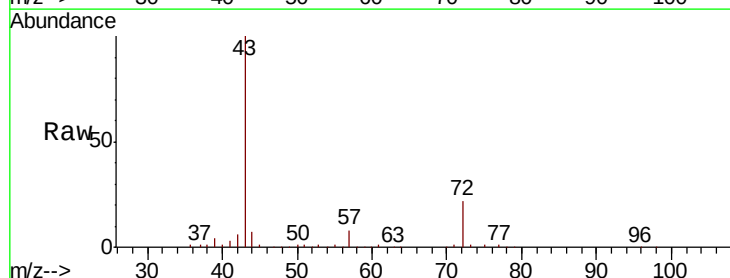
Acq: 29 Jul 2020 12:38

Tgt Ion: 43 Resp: 152612

Ion Ratio Lower Upper

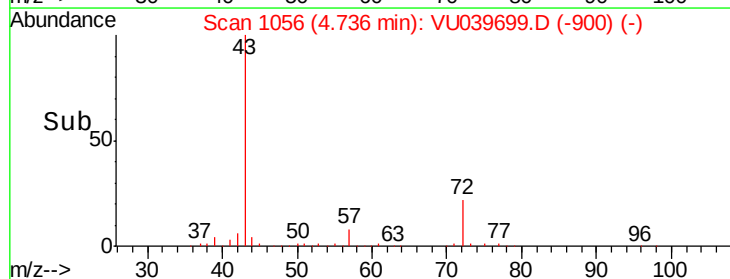
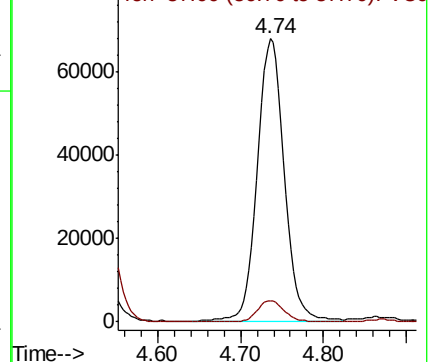
43 100

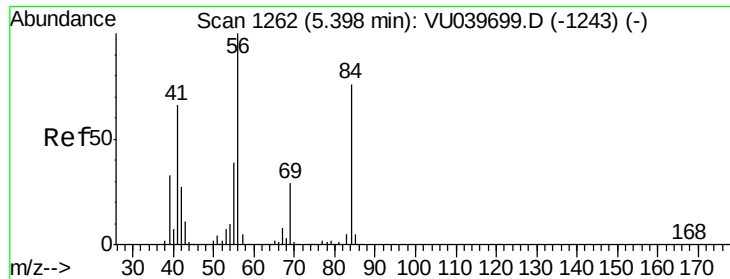
57 7.6 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1027) (-)

Ion 57.00 (56.70 to 57.70): VU039699.D (-1027) (-)

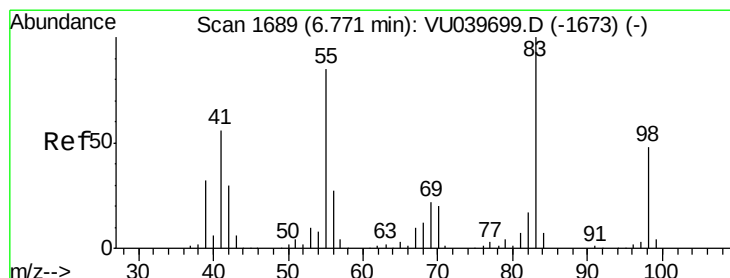
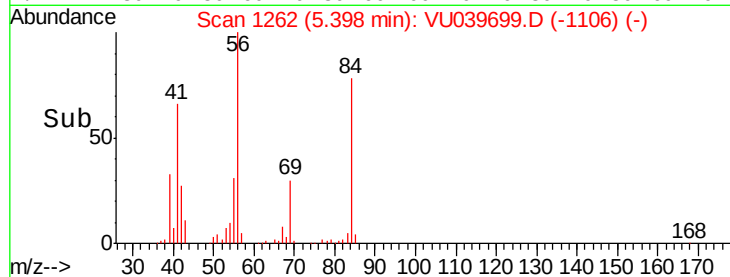
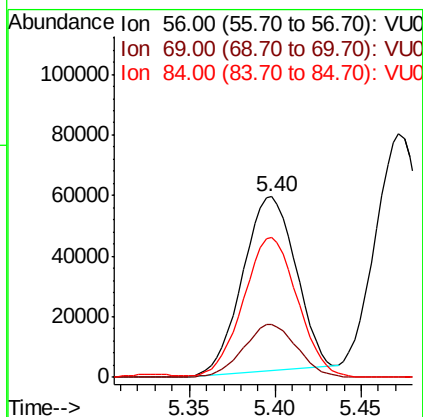
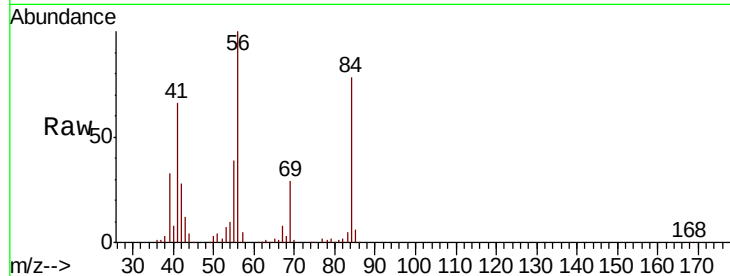




#19
Cyclohexane
Concen: 10.639 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

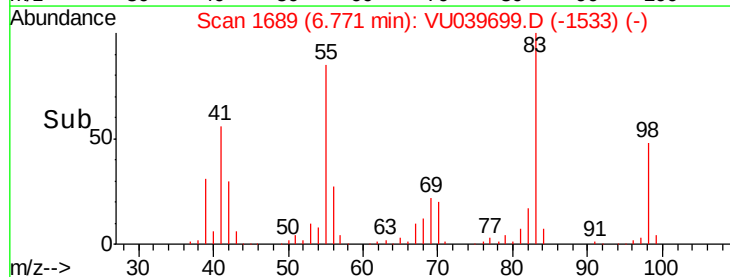
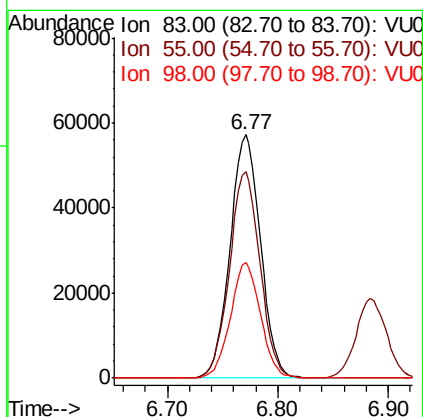
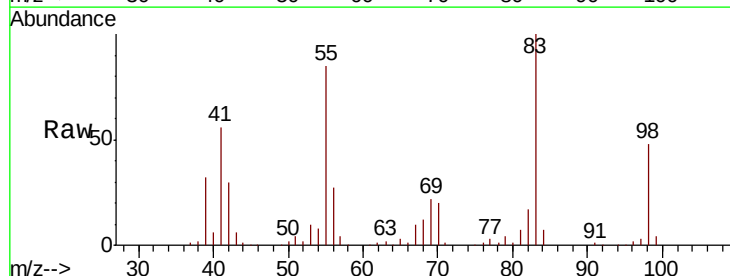
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

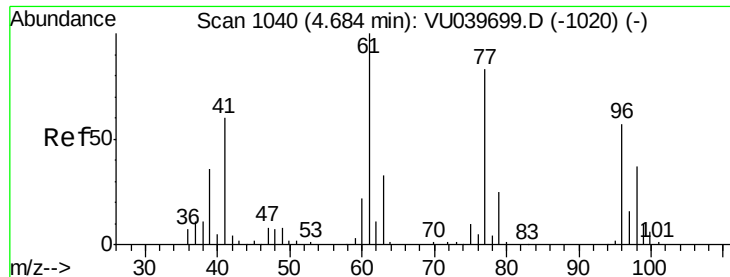
Tot Ion: 56 Resp: 122683
Ion Ratio Lower Upper
56 100
69 30.9 22.8 34.2
84 81.2 59.9 89.9



#20
Methylcyclohexane
Concen: 10.065 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 83 Resp: 109816
Ion Ratio Lower Upper
83 100
55 84.5 67.6 101.4
98 46.6 37.3 55.9

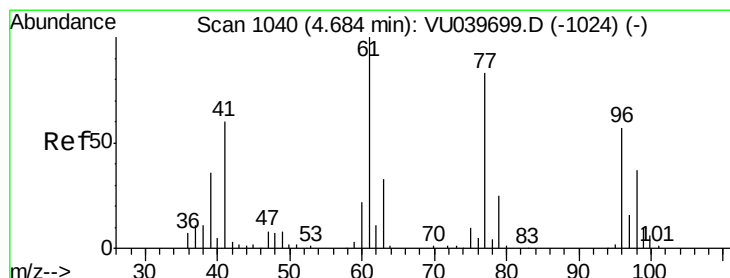
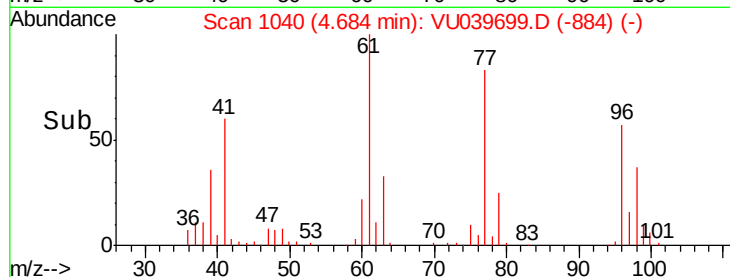
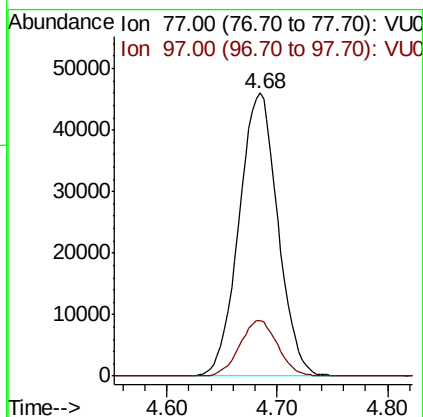
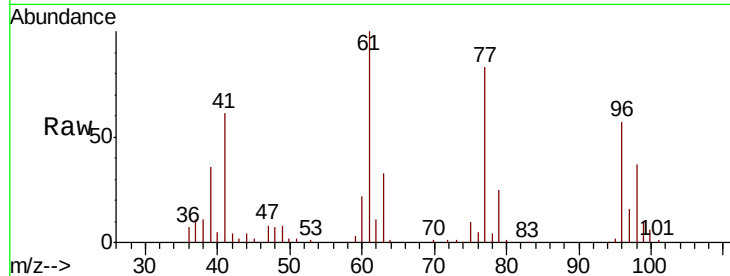




#21
 2,2-Dichloropropane
 Concen: 11.345 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

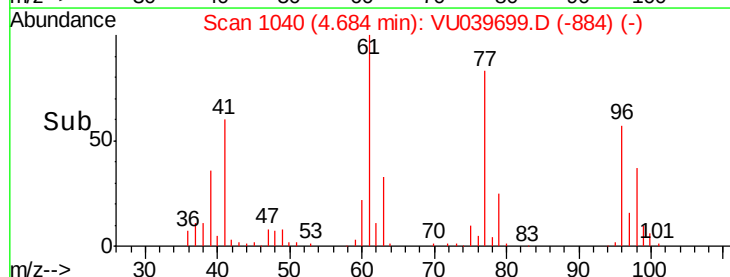
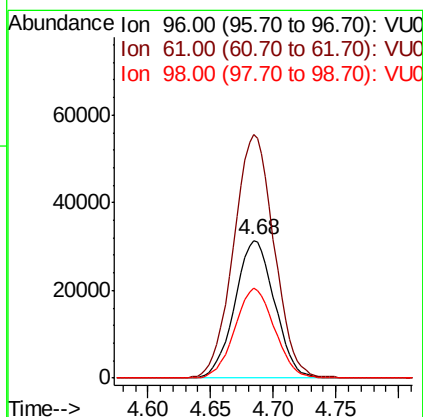
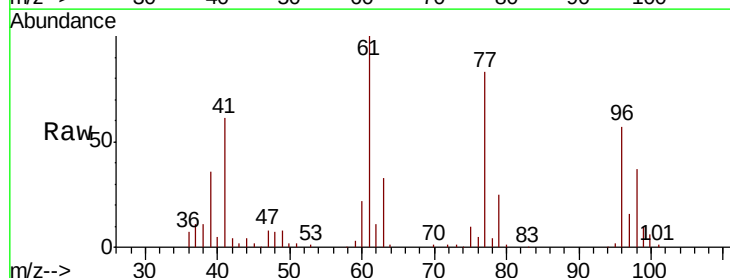
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

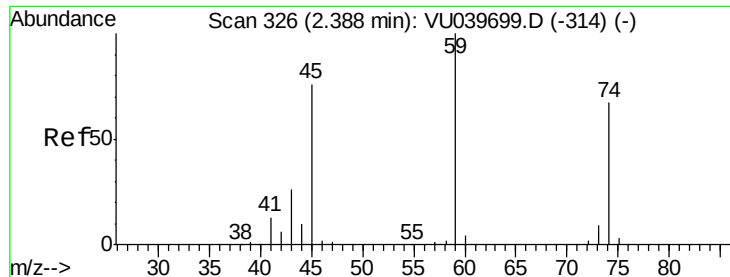
Tot Ion: 77 Resp: 112357
 Ion Ratio Lower Upper
 77 100
 97 19.0 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 10.646 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion: 96 Resp: 69254
 Ion Ratio Lower Upper
 96 100
 61 180.5 0.0 451.3
 98 65.3 32.6 98.0

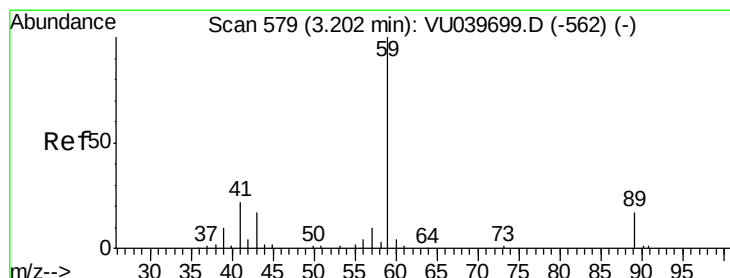
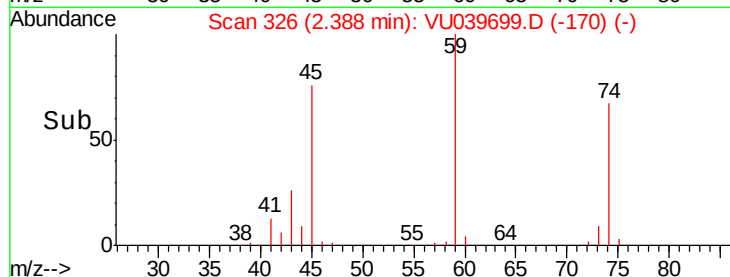
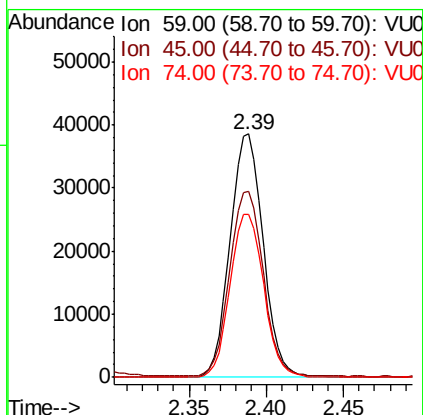
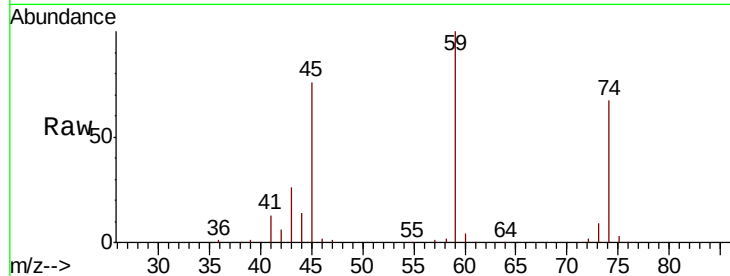




#23
Diethyl Ether
Concen: 11.412 ug/l
RT: 2.39 min Scan# 326
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

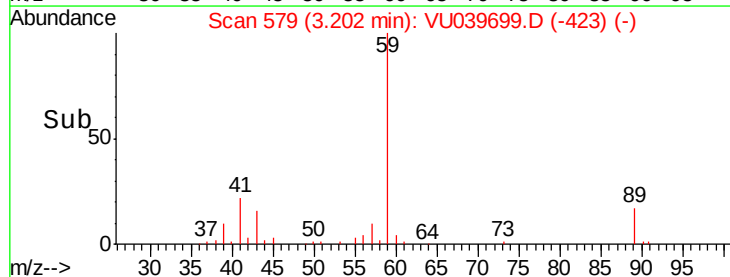
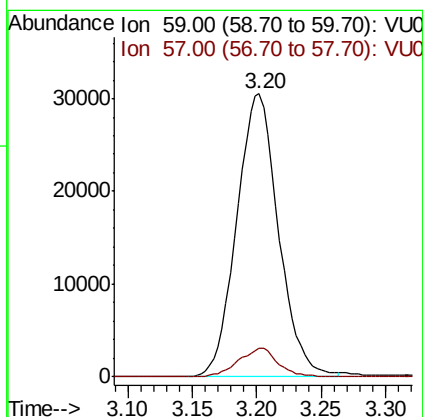
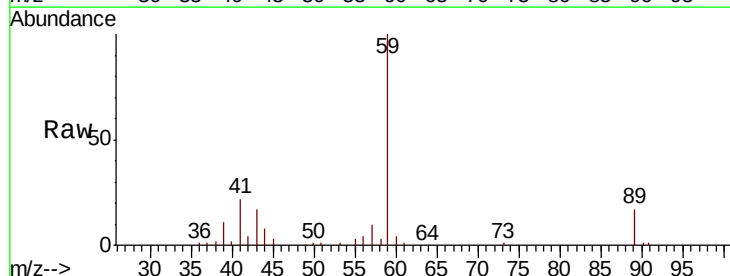
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

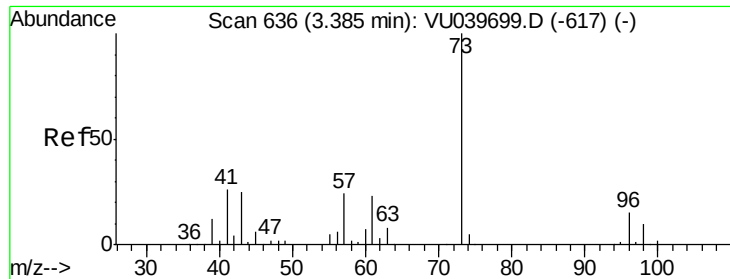
Tot Ion: 59 Resp: 57239
Ion Ratio Lower Upper
59 100
45 76.9 61.5 92.3
74 67.9 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 120.356 ug/l
RT: 3.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 59 Resp: 68821
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6

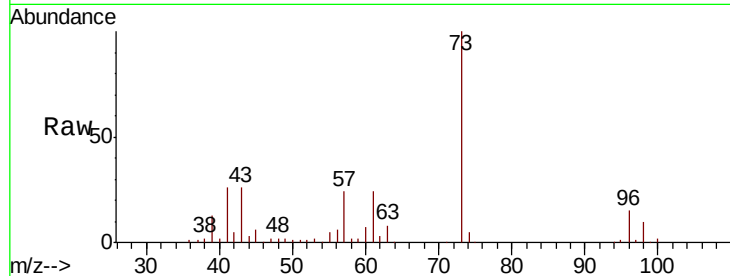




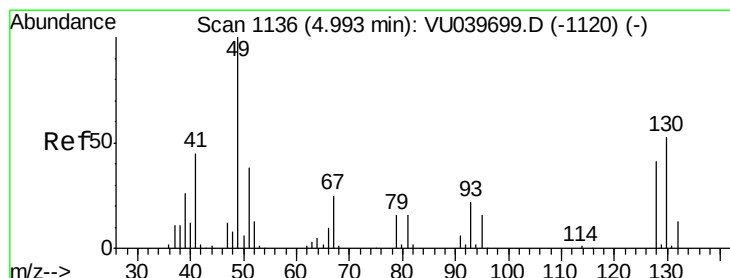
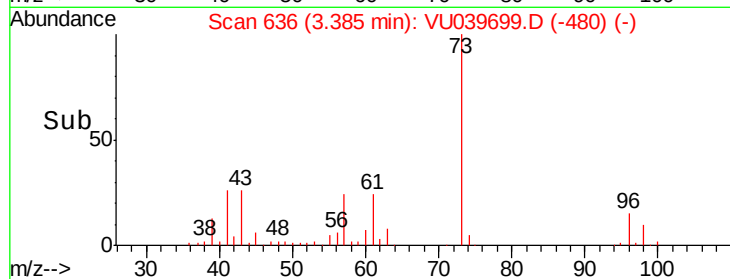
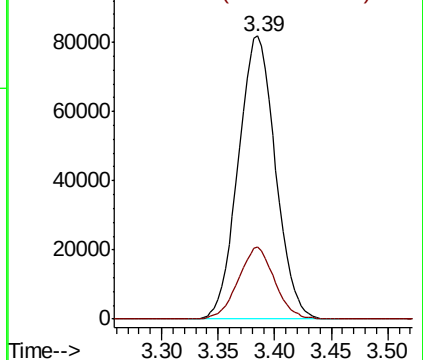
#25
Methyl tert-Butyl Ether
Concen: 11.840 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 73 Resp: 187412
Ion Ratio Lower Upper
73 100
43 25.1 20.1 30.1

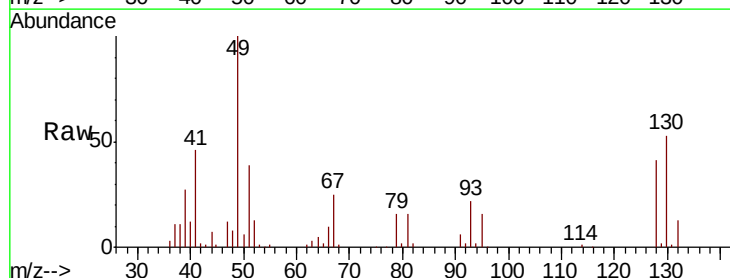


Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)
Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)

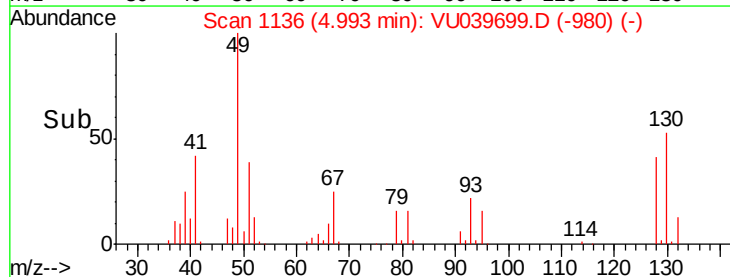
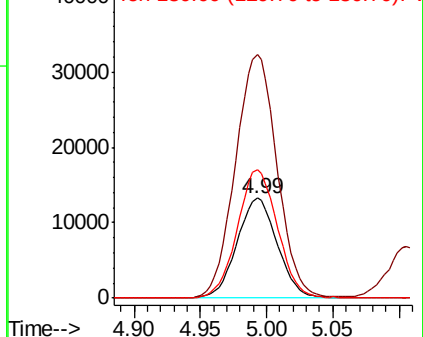


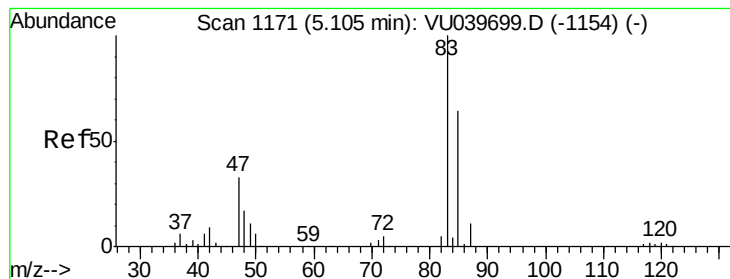
#26
Bromochloromethane
Concen: 10.662 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 128 Resp: 27979
Ion Ratio Lower Upper
128 100
49 251.9 0.0 503.8
130 128.4 102.7 154.1



Abundance Ion 128.00 (127.70 to 128.70): VU039699.D (-1120) (-)
Ion 49.00 (48.70 to 49.70): VU039699.D (-1120) (-)
Ion 130.00 (129.70 to 130.70): VU039699.D (-1120) (-)





#27

Chloroform

Concen: 11.587 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

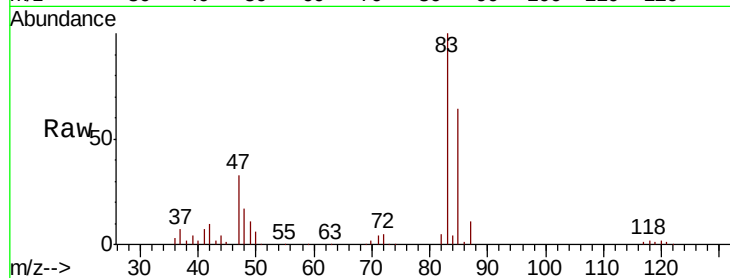
VSTDICCC010

Tot Ion: 83 Resp: 129770

Ion Ratio Lower Upper

83 100

85 64.4 0.0 128.8



Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1154) (-)

5.11

60000

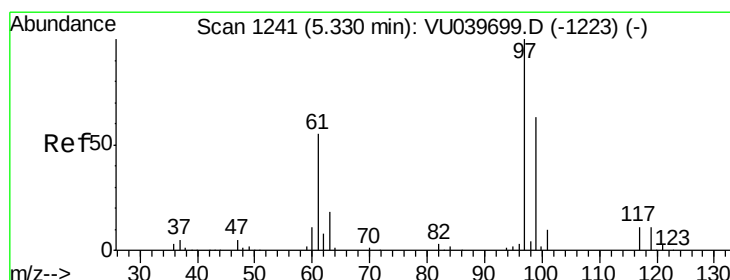
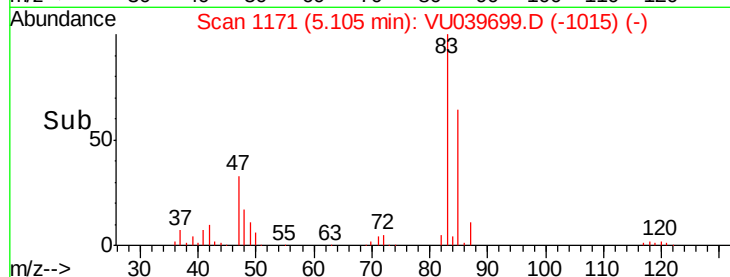
40000

20000

0

Time-->

5.00 5.05 5.10 5.15 5.20



#28

1,1,1-Trichloroethane

Concen: 11.590 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

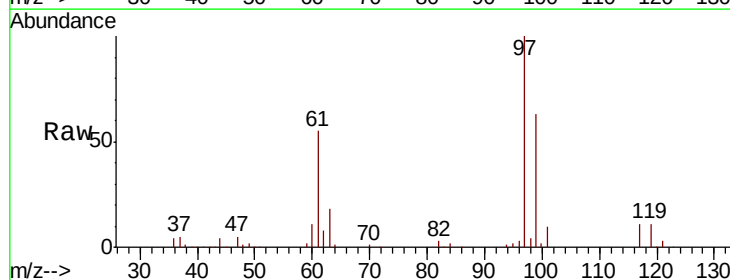
Tgt Ion: 97 Resp: 106469

Ion Ratio Lower Upper

97 100

99 64.4 32.2 96.6

61 56.7 28.3 85.0



Abundance Ion 97.00 (96.70 to 97.70): VU039699.D (-1223) (-)

Ion 99.00 (98.70 to 99.70): VU039699.D (-1223) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-1223) (-)

5.33

60000

50000

40000

30000

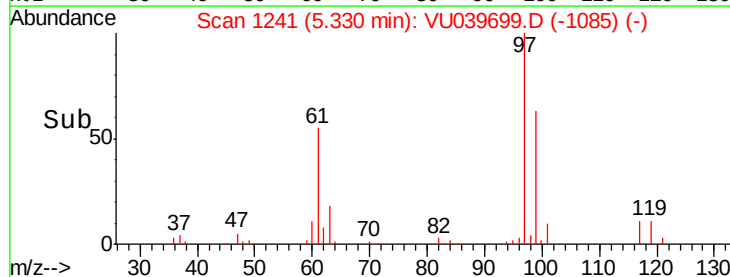
20000

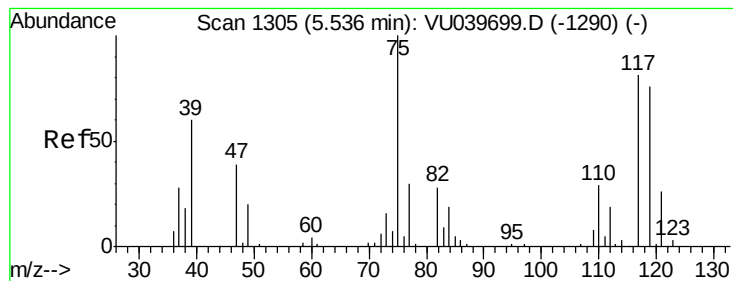
10000

0

Time-->

5.25 5.30 5.35 5.40





#29

1,1-Dichloropropene

Concen: 11.099 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

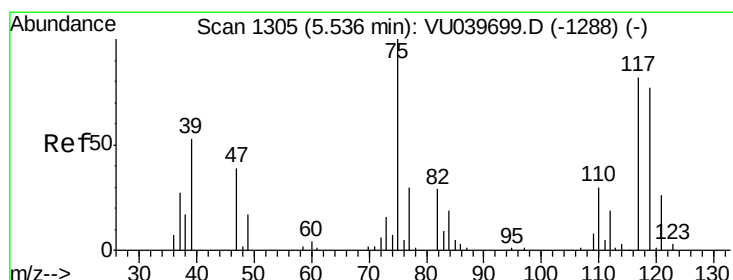
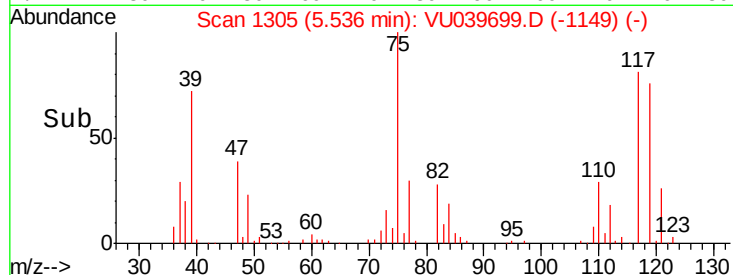
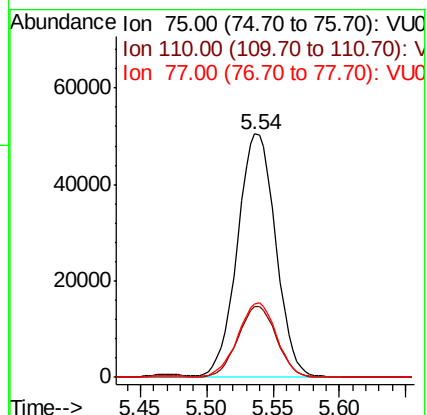
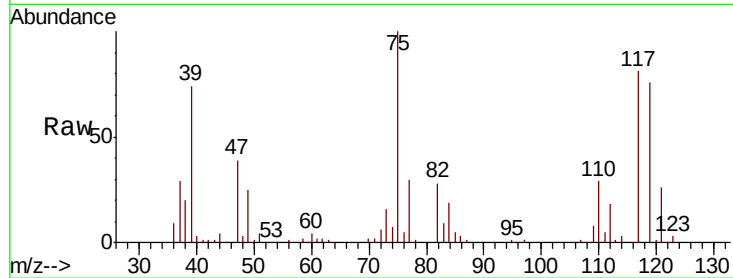
Tot Ion: 75 Resp: 101681

Ion Ratio Lower Upper

75 100

110 29.3 14.6 44.0

77 31.2 25.0 37.4



#30

Carbon Tetrachloride

Concen: 11.479 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

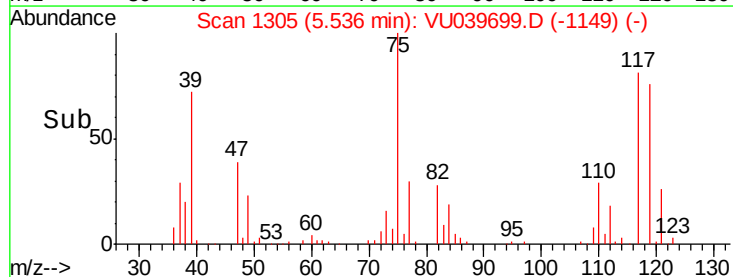
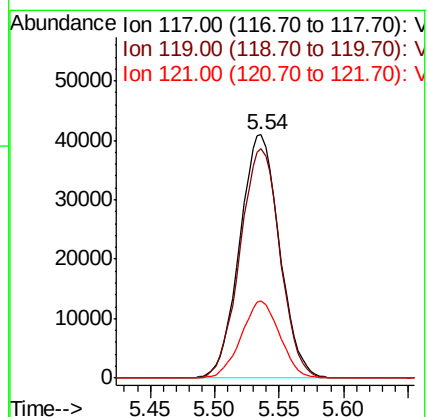
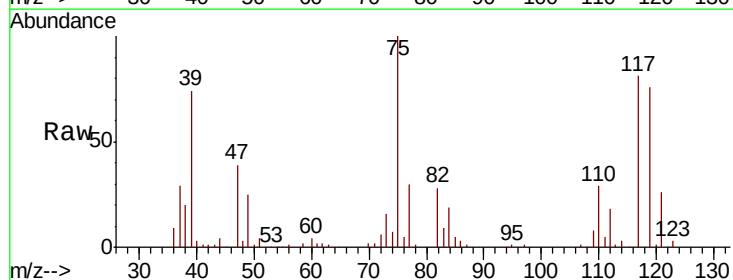
Tgt Ion: 117 Resp: 87896

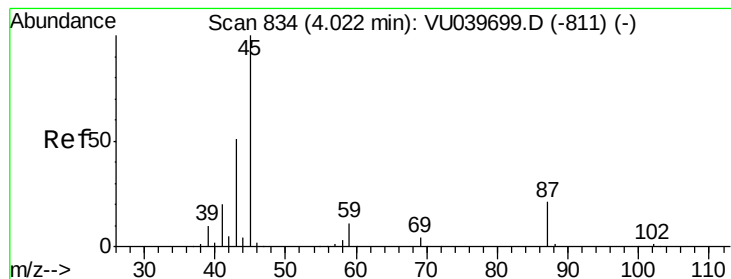
Ion Ratio Lower Upper

117 100

119 94.0 75.2 112.8

121 31.8 25.4 38.2





#31

Isopropyl Ether

Concen: 12.816 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

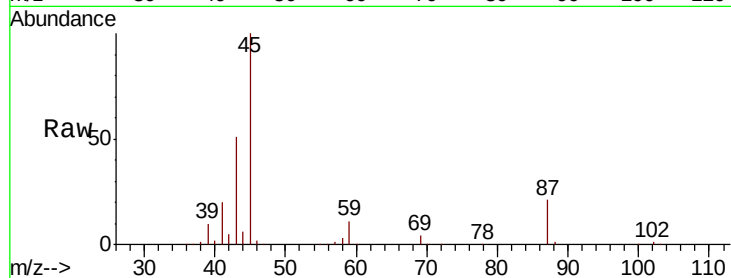
VSTDICCC010

Tot Ion: 45 Resp: 257268

Ion Ratio Lower Upper

45 100

43 52.9 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039699.D (-811) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-811) (-)

4.02

100000

80000

60000

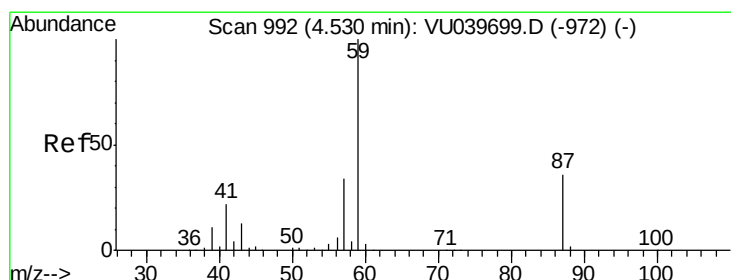
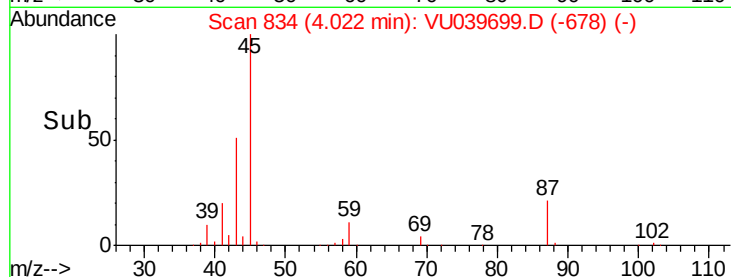
40000

20000

0

3.90 4.00 4.10

Time-->



#32

Ethyl-t-butyl ether

Concen: 12.269 ug/l

RT: 4.53 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU039699.D

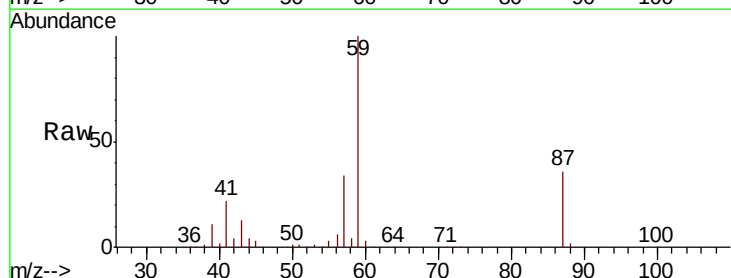
Acq: 29 Jul 2020 12:38

Tgt Ion: 59 Resp: 219612

Ion Ratio Lower Upper

59 100

87 36.7 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-972) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-972) (-)

4.53

100000

80000

60000

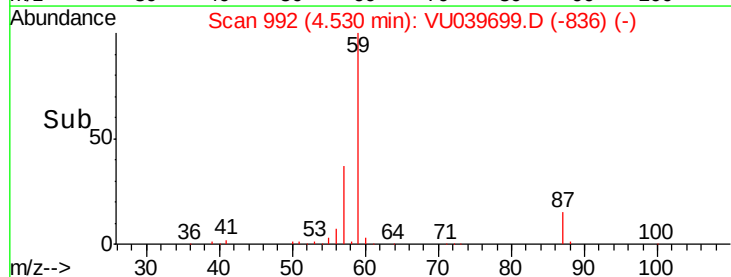
40000

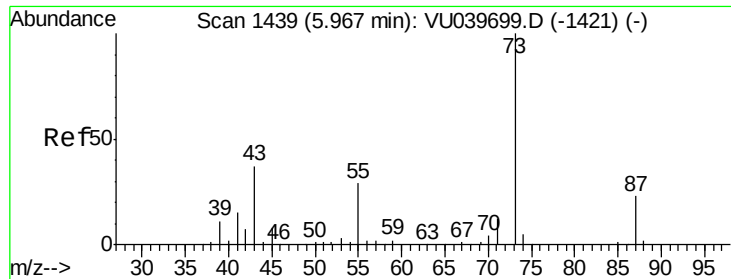
20000

0

4.40 4.50 4.60

Time-->

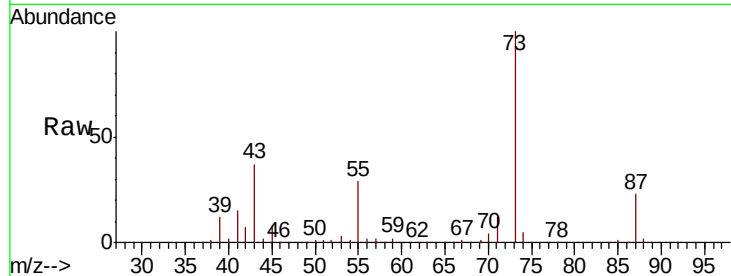




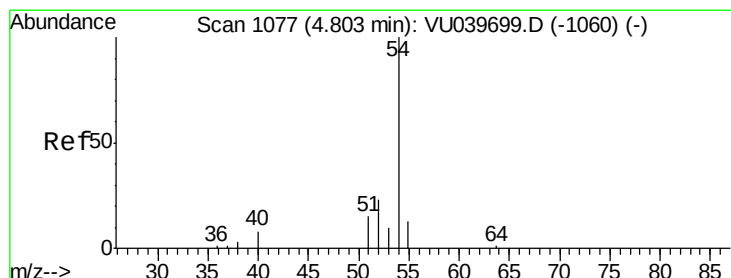
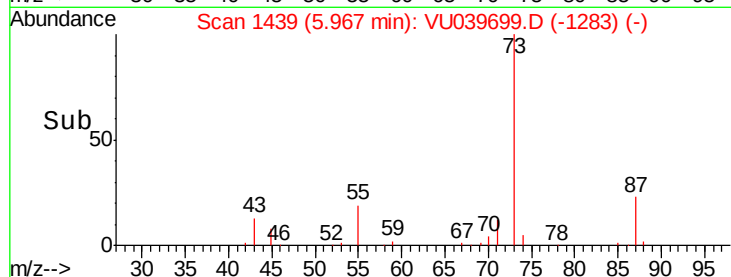
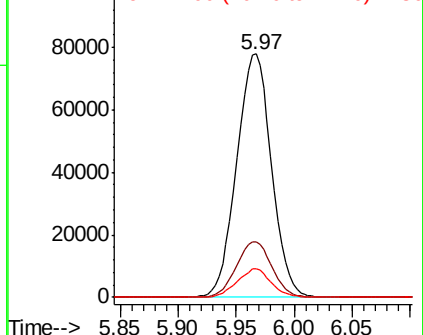
#33
Tert-Butyl methyl ether
Concen: 10.807 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 73 Resp: 161945
Ion Ratio Lower Upper
73 100
87 23.4 18.7 28.1
71 11.4 9.1 13.7

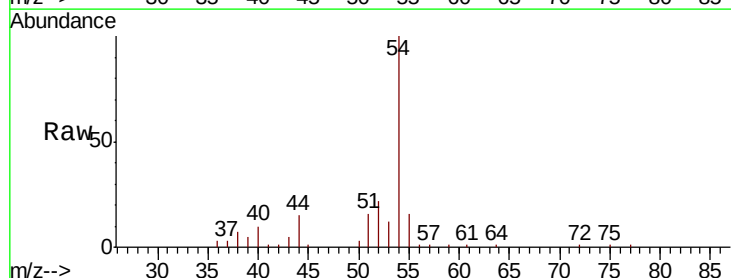


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

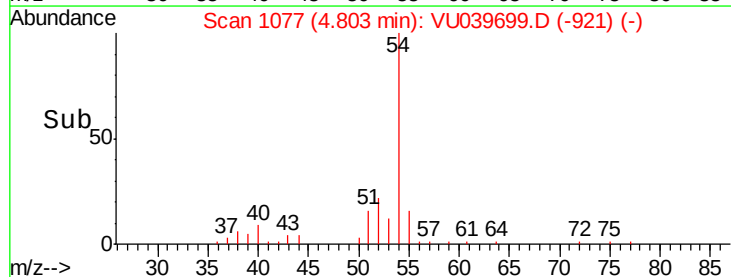
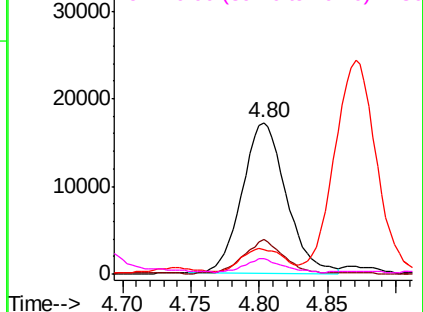


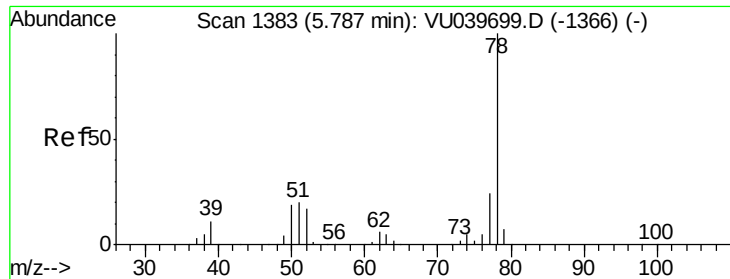
#34
Propionitrile
Concen: 68.133 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 54 Resp: 38433
Ion Ratio Lower Upper
54 100
52 21.1 16.9 25.3
55 16.1 12.9 19.3
40 7.7 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: 10.034 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

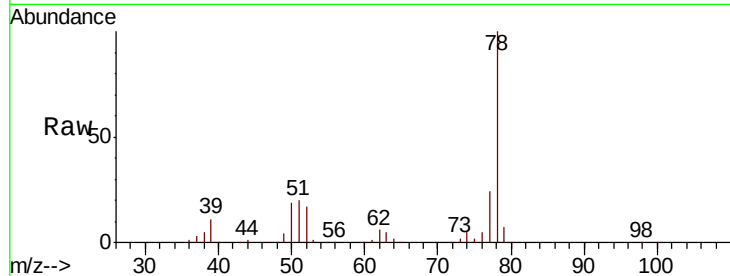
VSTDICCC010

Tot Ion: 78 Resp: 252240

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)

5.79

150000

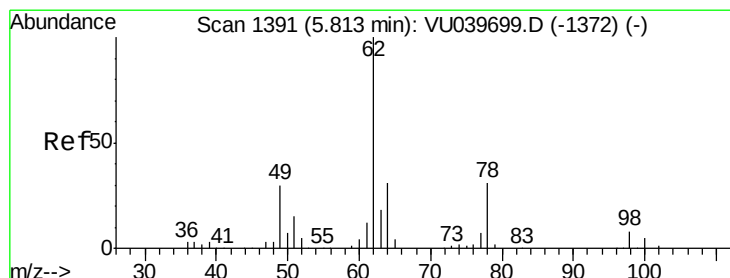
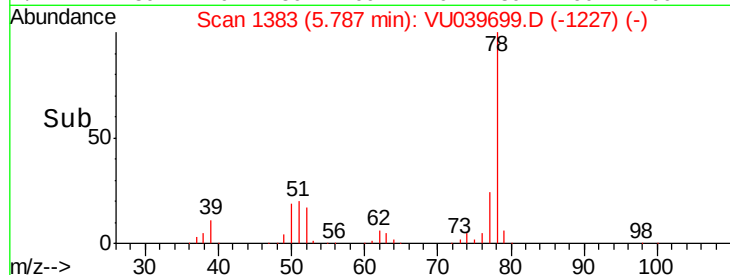
100000

50000

0

Time-->

5.70 5.75 5.80 5.85



#36

1,2-Dichloroethane

Concen: 12.172 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU039699.D

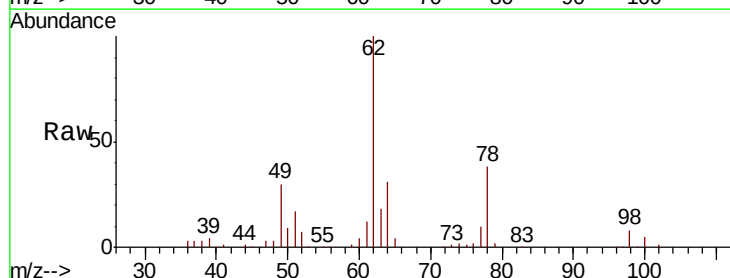
Acq: 29 Jul 2020 12:38

Tgt Ion: 62 Resp: 94665

Ion Ratio Lower Upper

62 100

98 7.7 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)

5.81

50000

40000

30000

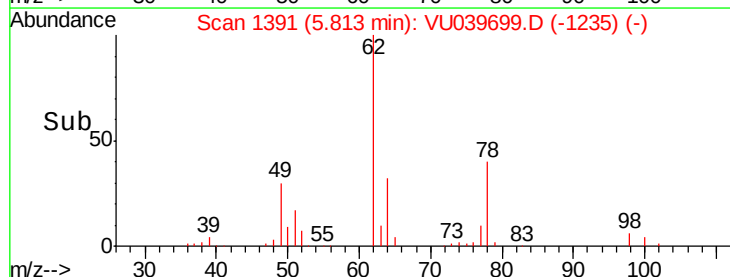
20000

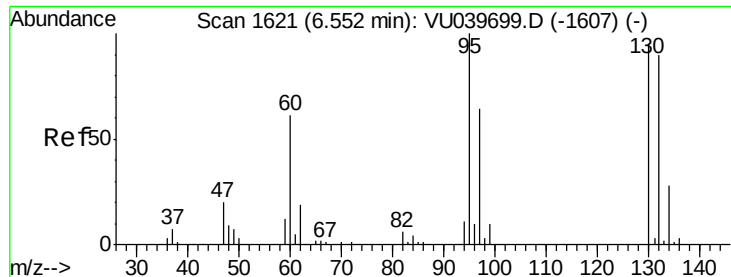
10000

0

Time-->

5.70 5.80 5.90

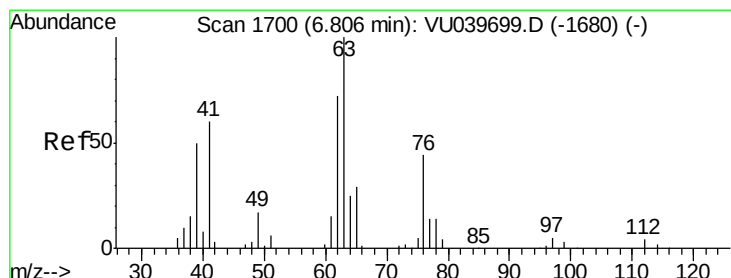
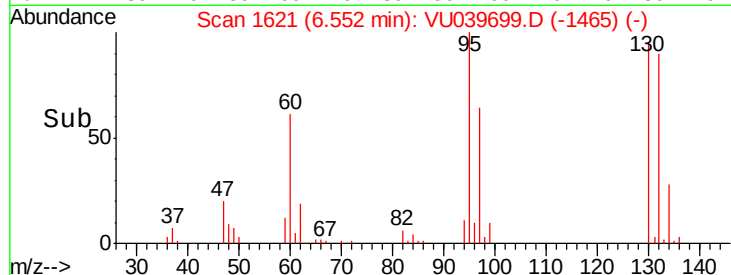
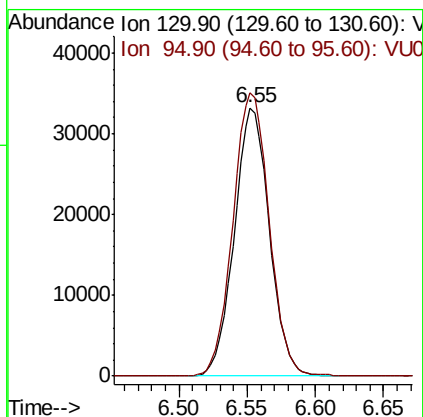
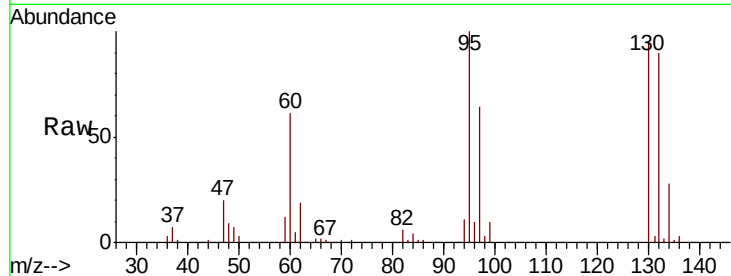




#37
 Trichloroethene
 Concen: 9.111 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

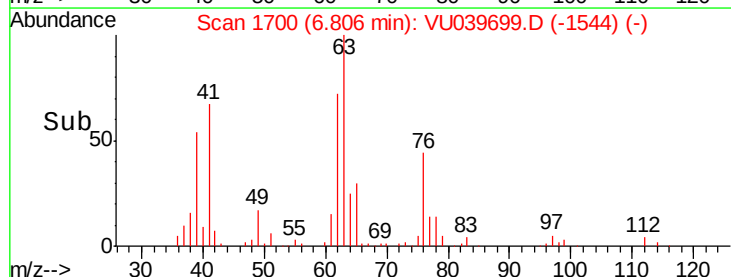
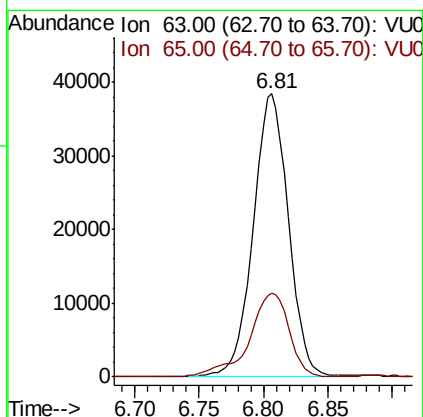
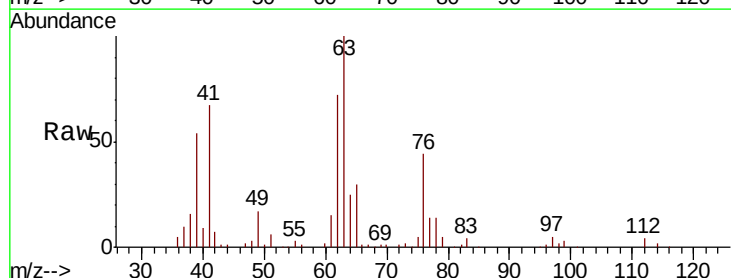
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

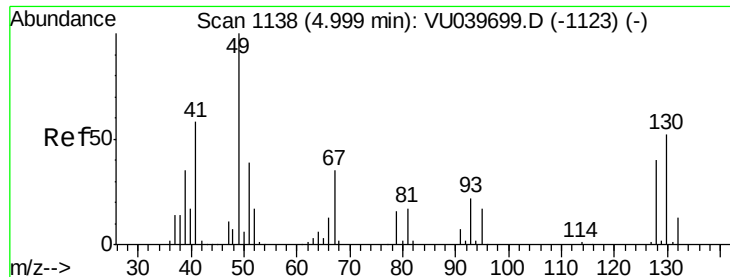
Tot Ion:130 Resp: 59305
 Ion Ratio Lower Upper
 130 100
 95 105.4 84.3 126.5



#38
 1,2-Dichloropropane
 Concen: 10.681 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion: 63 Resp: 73303
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.8 35.6

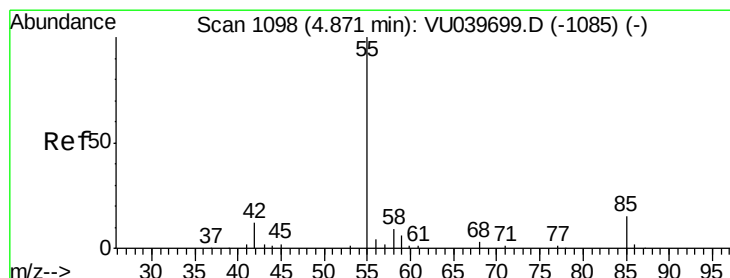
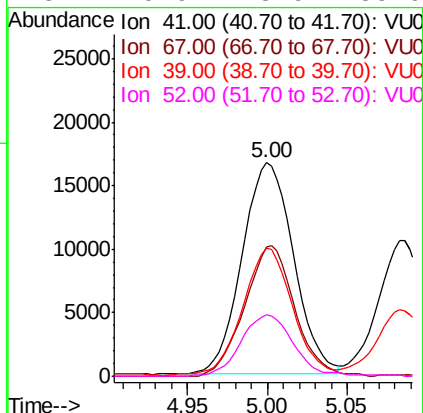
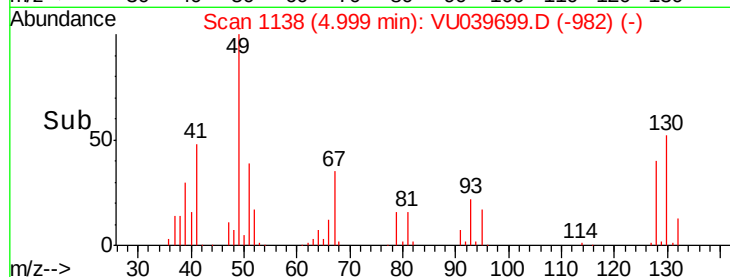
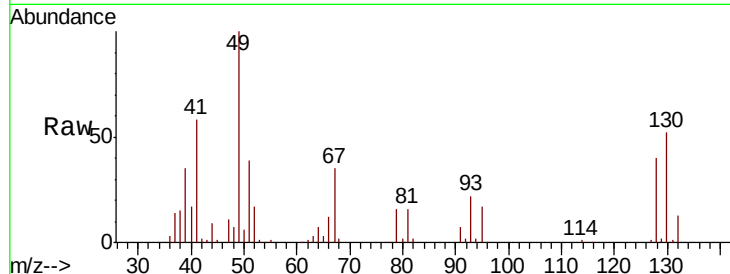




#39
Methacrylonitrile
Concen: 13.725 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

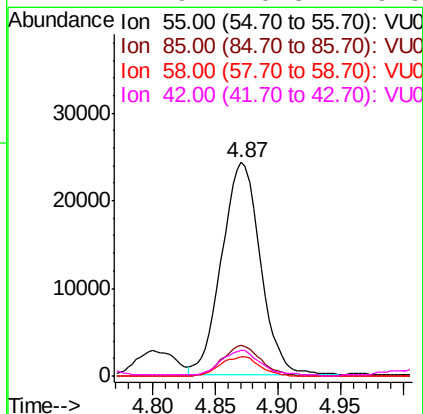
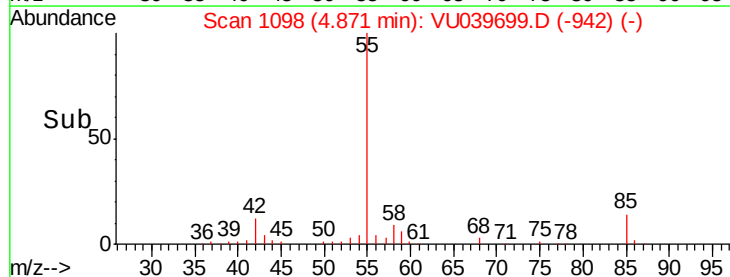
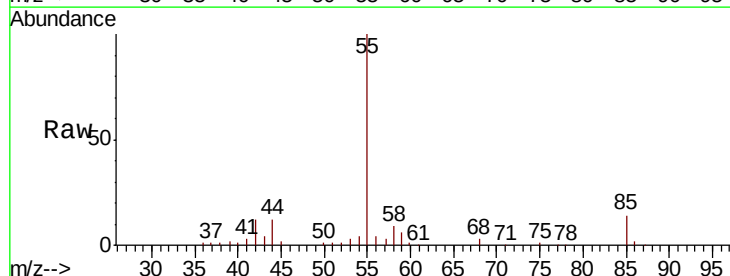
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

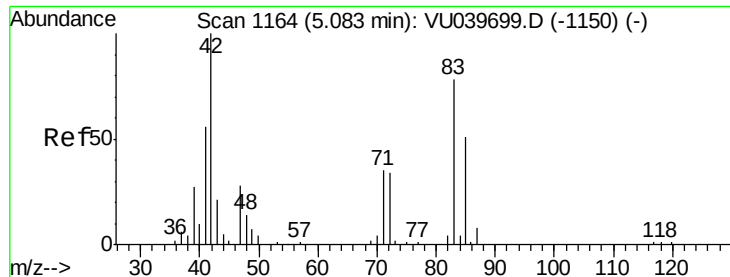
Tot Ion:	41	Resp:	36553
Ion	Ratio	Lower	Upper
41	100		
67	60.4	48.3	72.5
39	59.5	47.6	71.4
52	29.9	23.9	35.9



#40
Methyl acrylate
Concen: 13.402 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion:	55	Resp:	51843
Ion	Ratio	Lower	Upper
55	100		
85	14.2	11.4	17.0
58	9.2	7.4	11.0
42	12.9	10.3	15.5





#41

Tetrahydrofuran

Concen: 27.780 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

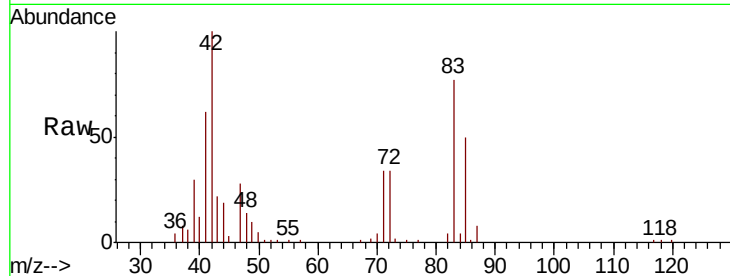
Tot Ion: 42 Resp: 37189

Ion Ratio Lower Upper

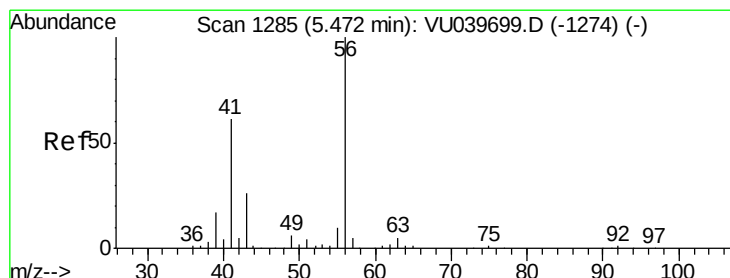
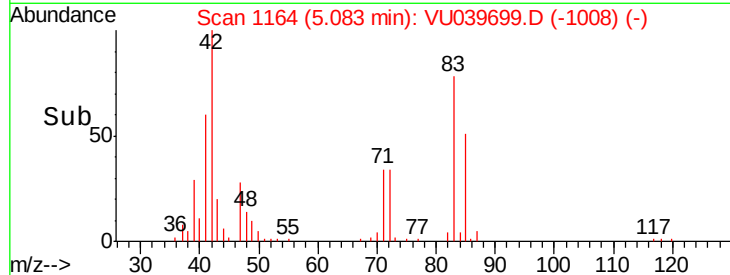
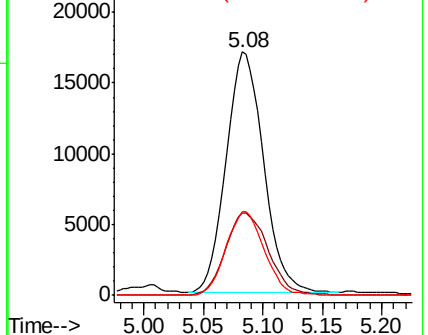
42 100

72 38.8 31.0 46.6

71 35.3 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: 11.955 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU039699.D

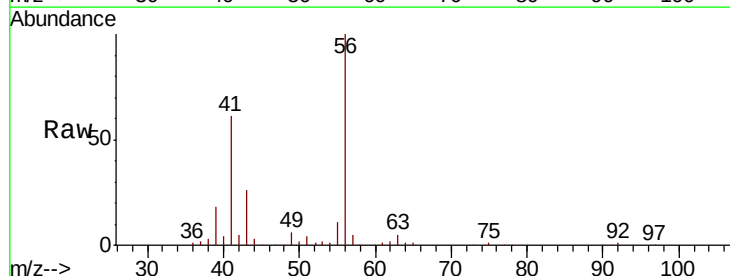
Acq: 29 Jul 2020 12:38

Tgt Ion: 56 Resp: 160613

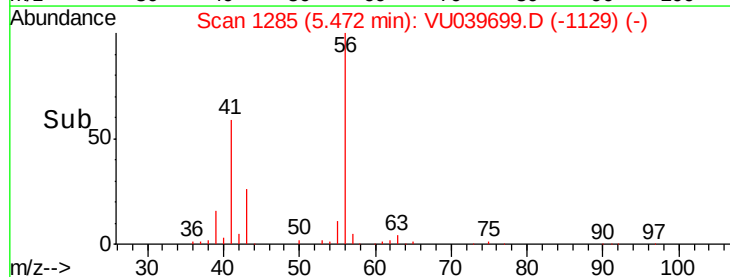
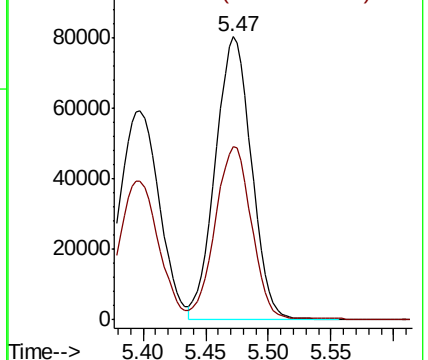
Ion Ratio Lower Upper

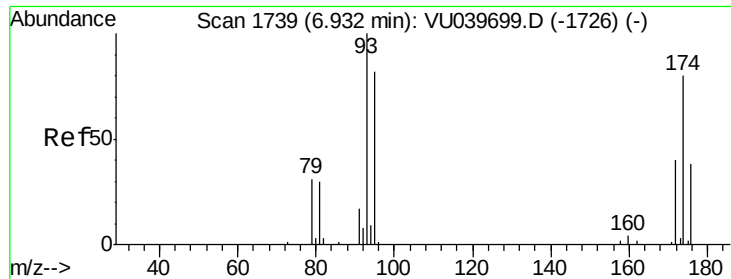
56 100

41 61.0 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: 11.483 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

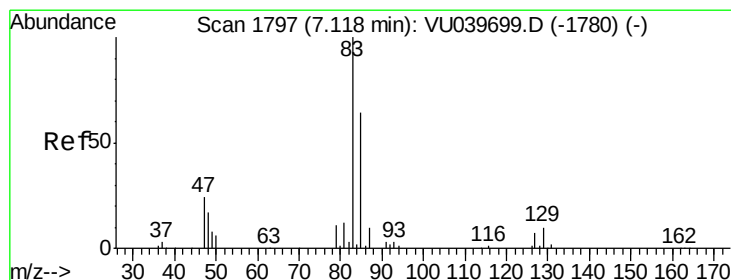
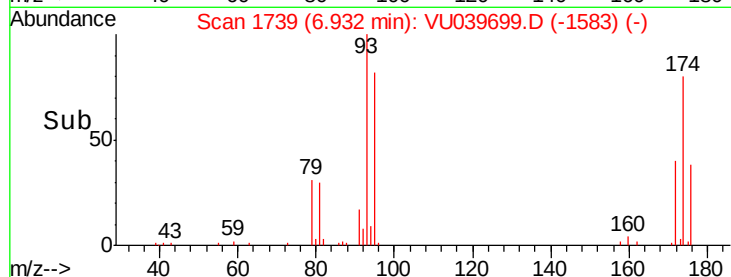
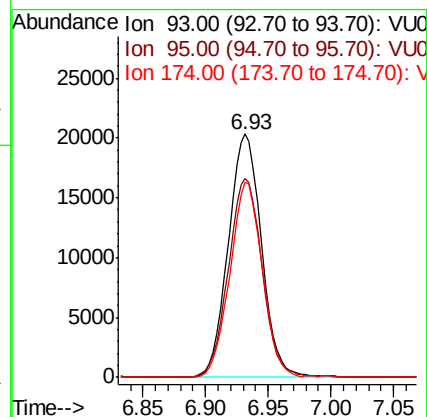
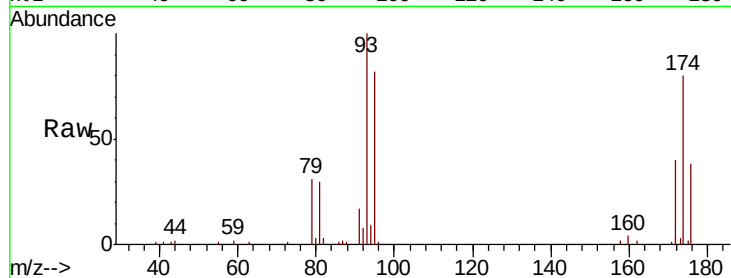
Tot Ion: 93 Resp: 37404

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 78.4 62.7 94.1



#44

Bromodichloromethane

Concen: 11.271 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

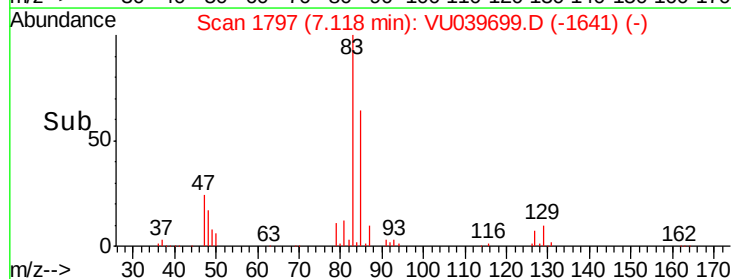
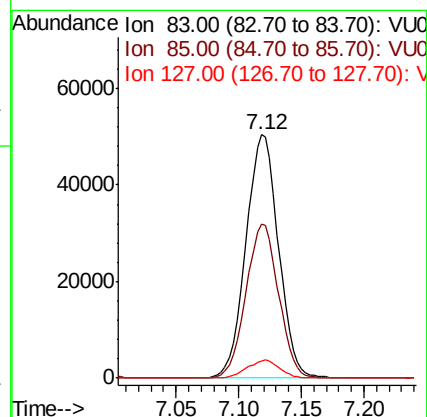
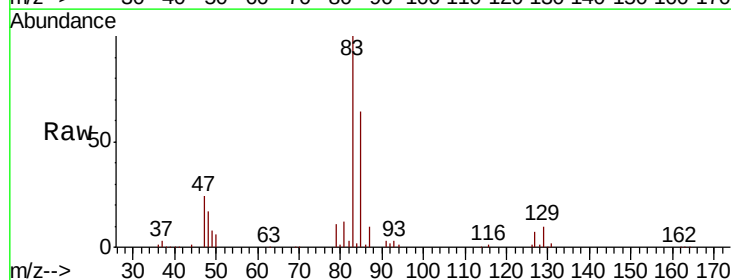
Tgt Ion: 83 Resp: 91243

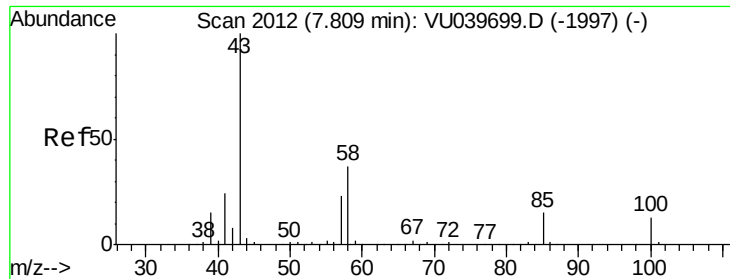
Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2

127 7.2 5.8 8.6

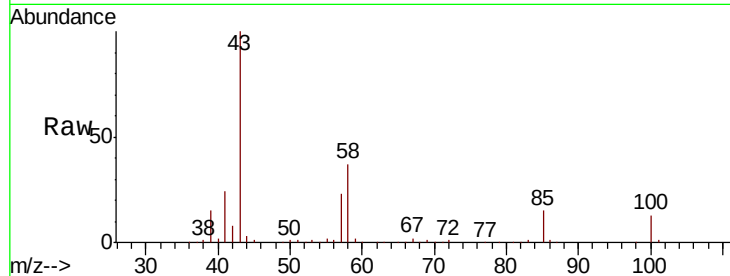




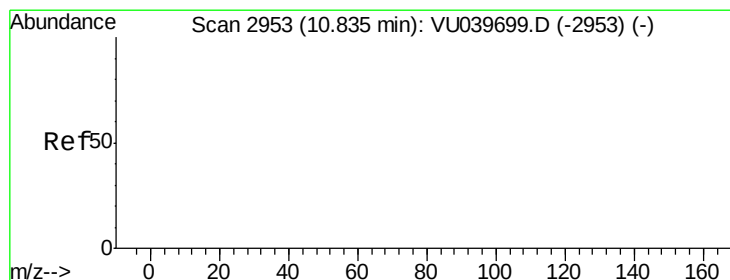
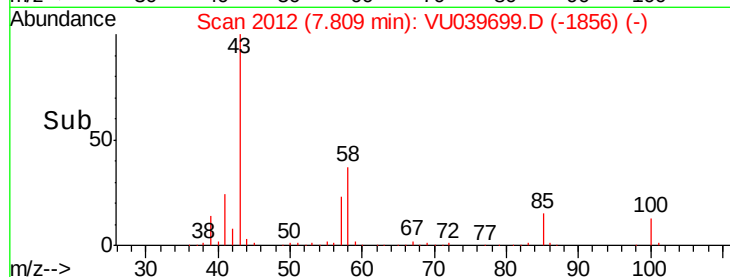
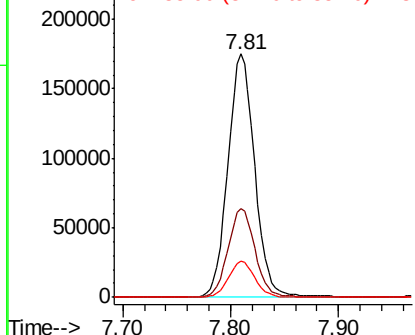
#45
4-Methyl-2-Pentanone
Concen: 66.299 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 303991
Ion Ratio Lower Upper
43 100
58 36.7 18.4 55.0
85 14.7 11.8 17.6

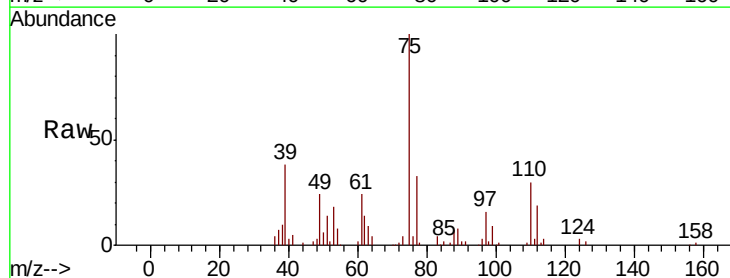


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

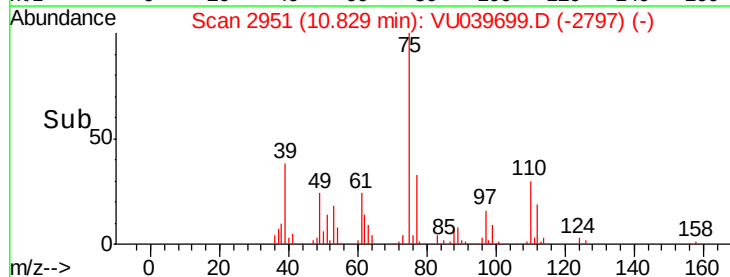
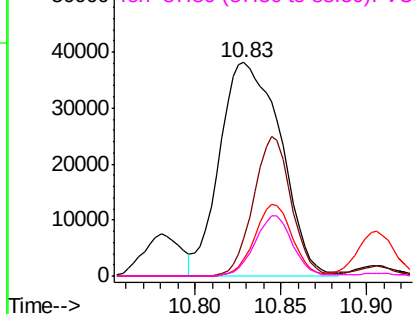


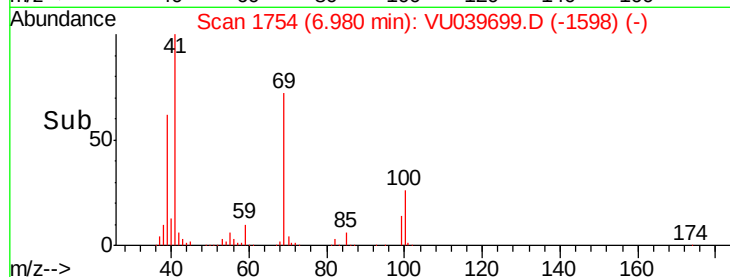
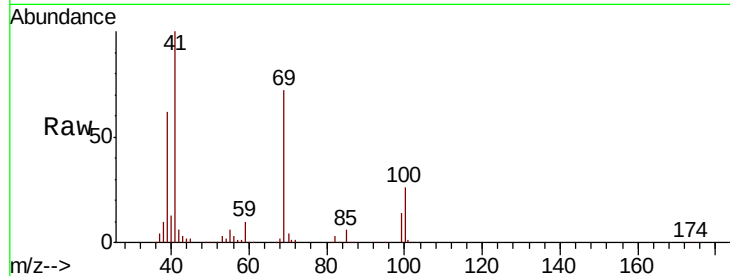
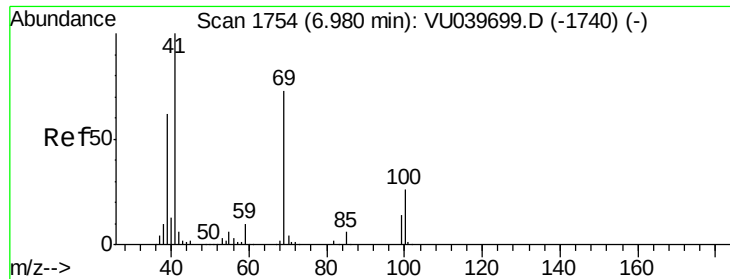
#46
t-1,4-Dichloro-2-butene
Concen: 67.382 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.01 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 75 Resp: 94407
Ion Ratio Lower Upper
75 100
53 40.4 78.6 118.0#
89 20.7 40.3 60.5#
88 17.4 34.0 51.0#



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





#47

Methyl methacrylate

Concen: 23.333 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. 0.00 min

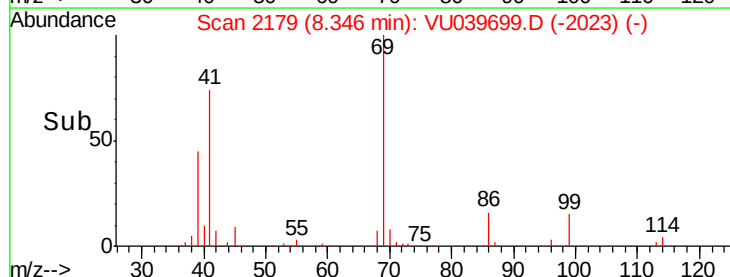
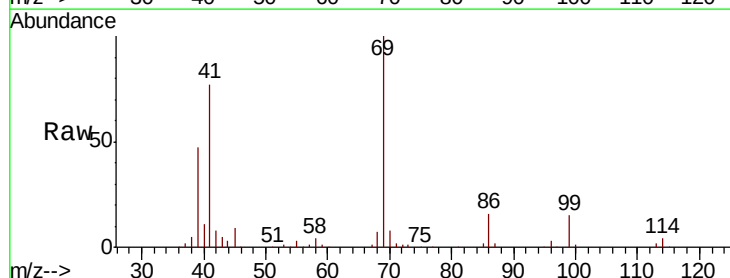
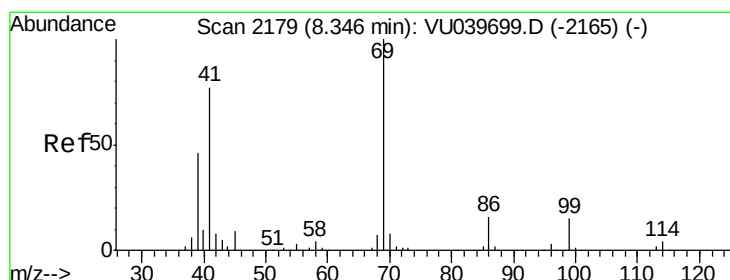
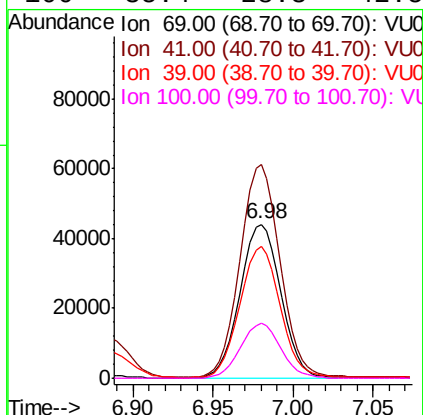
Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 69 Resp: 77001

Ion	Ratio	Lower	Upper
69	100		
41	135.8	0.0	271.6
39	84.3	67.4	101.2
100	35.4	28.3	42.5



#48

Ethyl methacrylate

Concen: 11.654 ug/l

RT: 8.35 min Scan# 2179

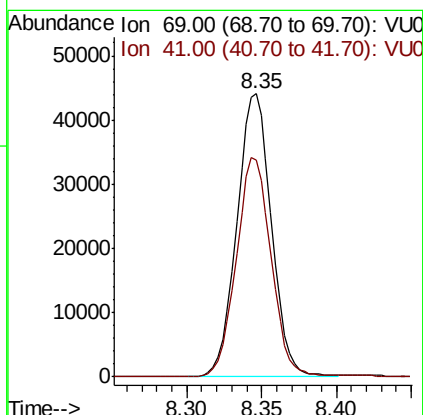
Delta R.T. 0.00 min

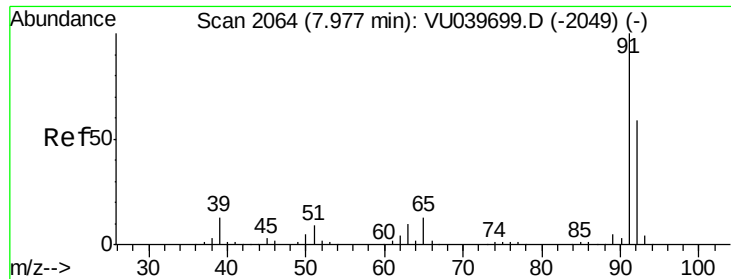
Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Tgt Ion: 69 Resp: 70797

Ion	Ratio	Lower	Upper
69	100		
41	78.3	39.1	117.5





#49

Toluene

Concen: 10.139 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

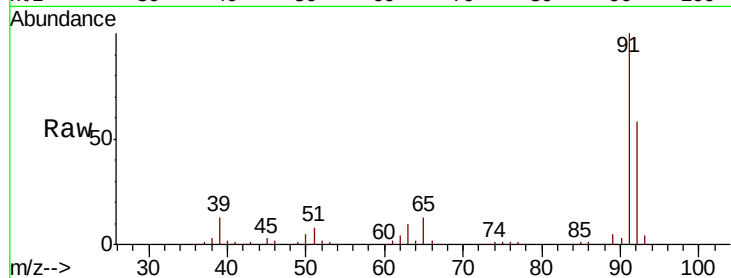
VSTDICCC010

Tot Ion: 92 Resp: 161003

Ion Ratio Lower Upper

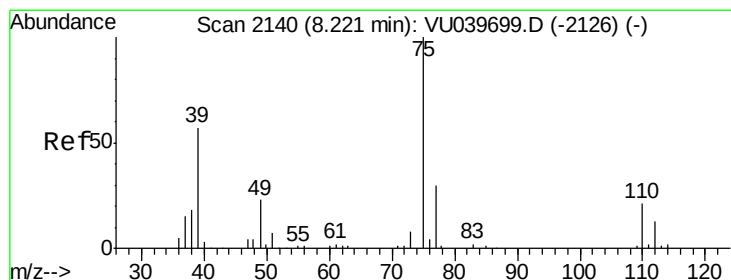
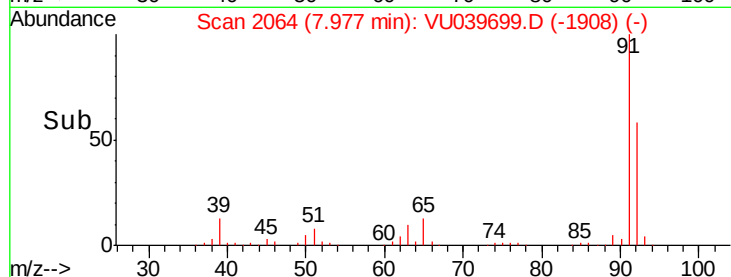
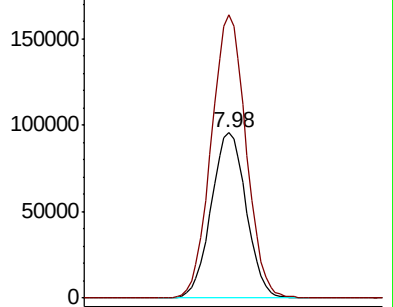
92 100

91 170.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 10.778 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU039699.D

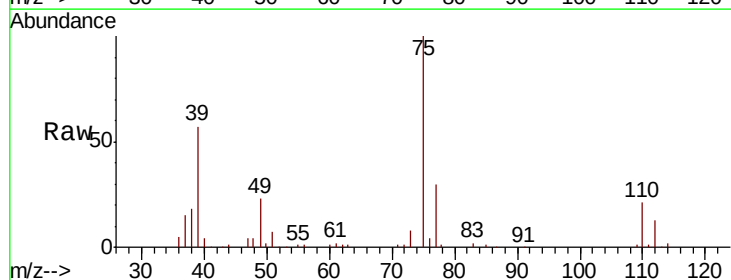
Acq: 29 Jul 2020 12:38

Tgt Ion: 75 Resp: 87903

Ion Ratio Lower Upper

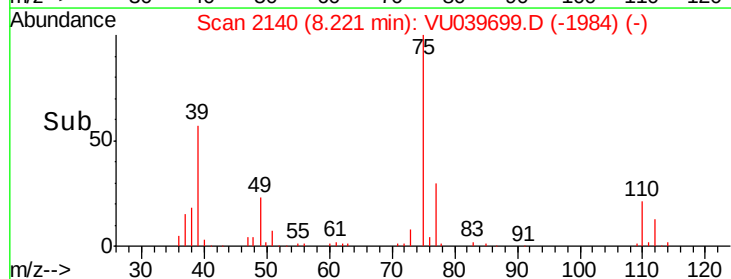
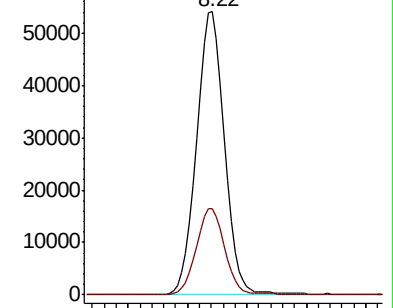
75 100

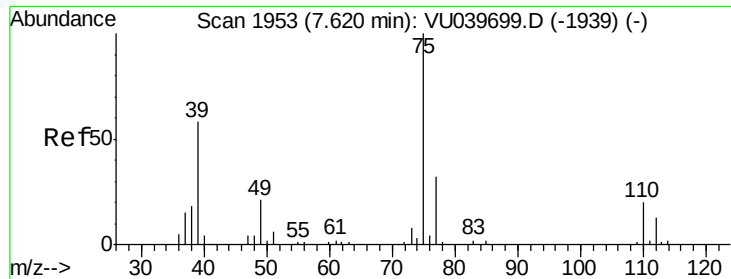
77 30.4 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)



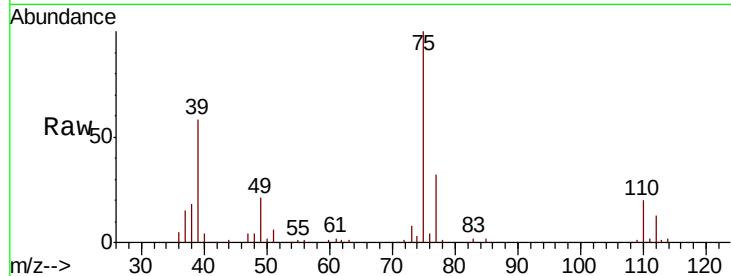


#51

cis-1,3-Dichloropropene
 Concen: 10.255 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	75	Resp	99438
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	57.6	46.1	69.1

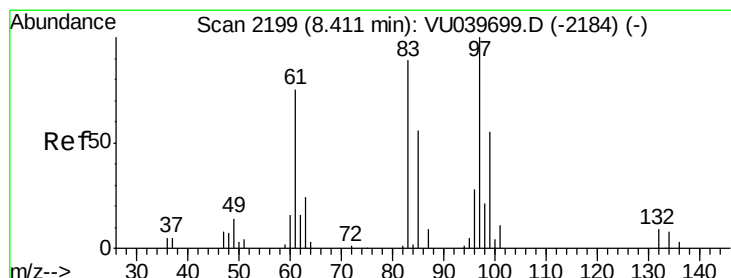
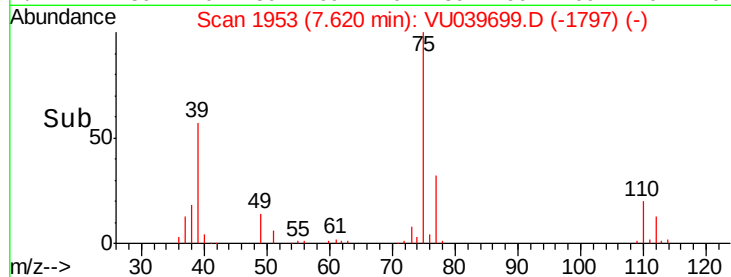
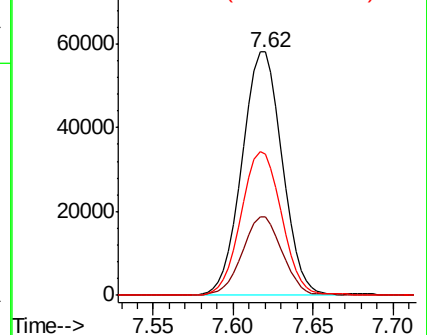


Abundance

Ion 75.00 (74.70 to 75.70): VU039699.D (-1939) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1939) (-)

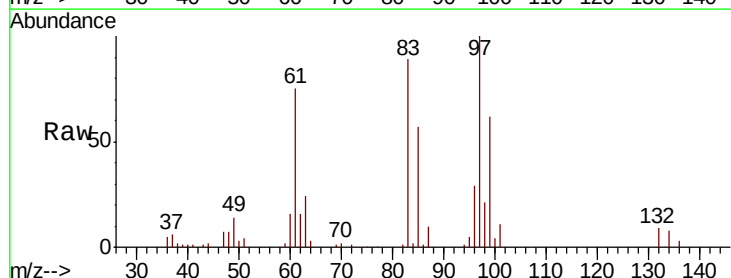
Ion 39.00 (38.70 to 39.70): VU039699.D (-1939) (-)



#52

1,1,2-Trichloroethane
 Concen: 10.943 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion	97	Resp	49821
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.3	106.9
85	56.8	45.4	68.2
99	61.7	49.4	74.0



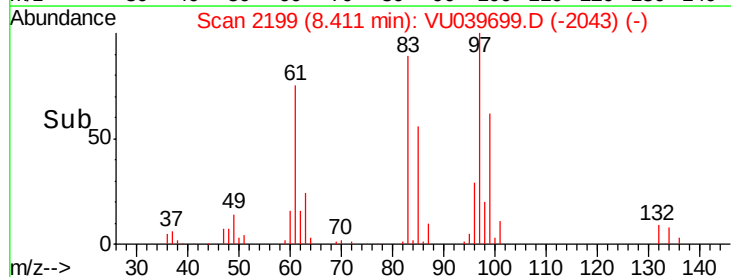
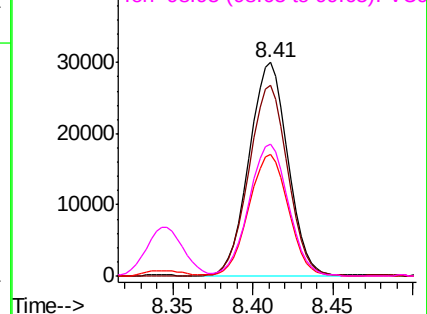
Abundance

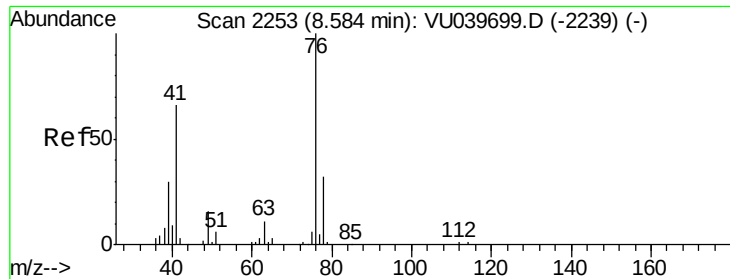
Ion 97.00 (96.70 to 97.70): VU039699.D (-2184) (-)

Ion 82.95 (82.65 to 83.65): VU039699.D (-2184) (-)

Ion 84.95 (84.65 to 85.65): VU039699.D (-2184) (-)

Ion 98.95 (98.65 to 99.65): VU039699.D (-2184) (-)





#53

1,3-Dichloropropane

Concen: 11.199 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

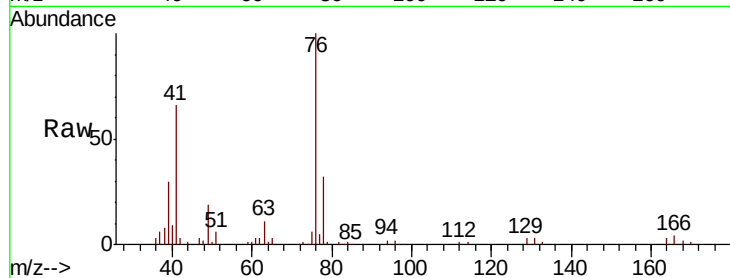
VSTDICCC010

Tot Ion: 76 Resp: 95948

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU039699.D (-2239) (-)

Ion 78.00 (77.70 to 78.70): VU039699.D (-2239) (-)

8.58

60000

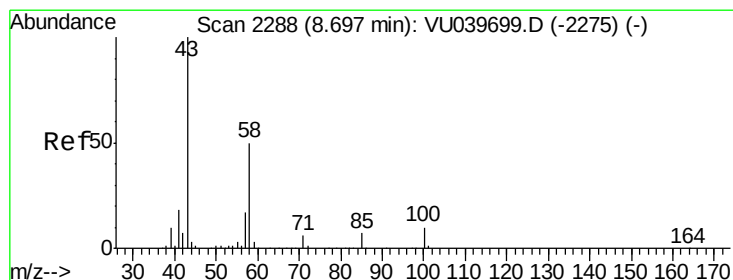
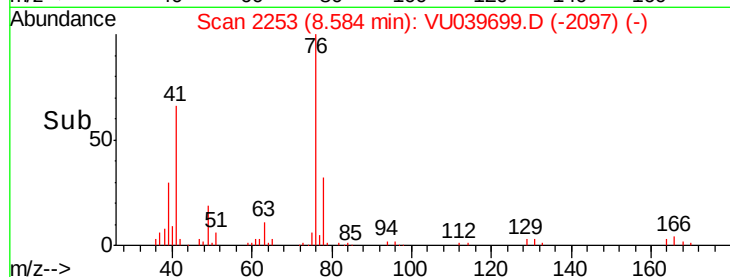
40000

20000

0

8.50 8.55 8.60 8.65

Time-->



#54

2-Hexanone

Concen: 67.252 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

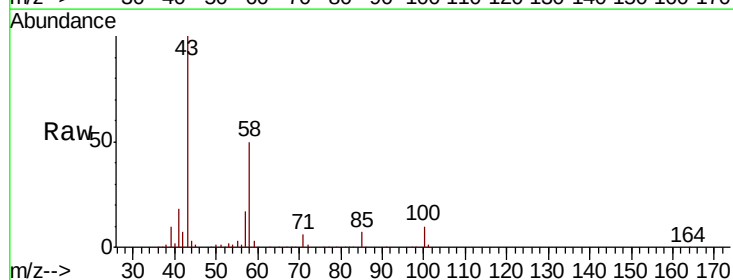
Tgt Ion: 43 Resp: 218665

Ion Ratio Lower Upper

43 100

58 49.9 29.9 69.9

57 17.2 0.0 37.2



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-2275) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-2275) (-)

Ion 57.00 (56.70 to 57.70): VU039699.D (-2275) (-)

8.70

150000

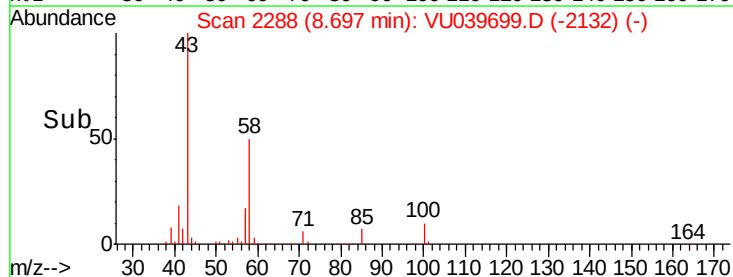
100000

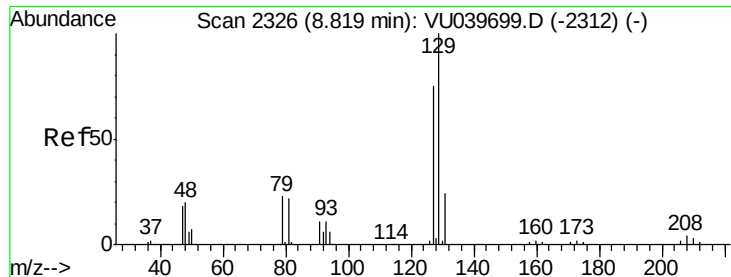
50000

0

8.60 8.70 8.80

Time-->

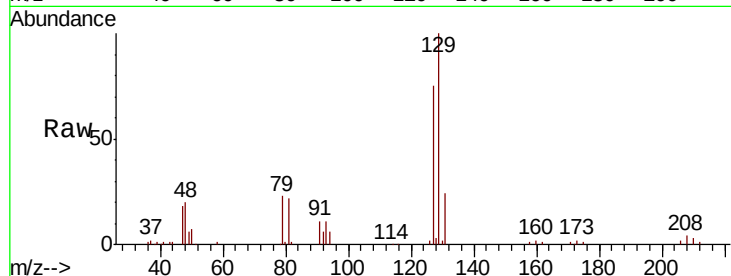




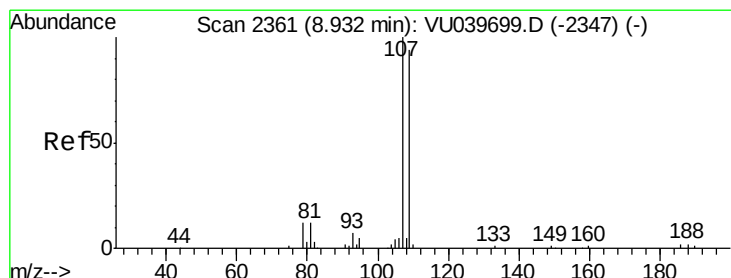
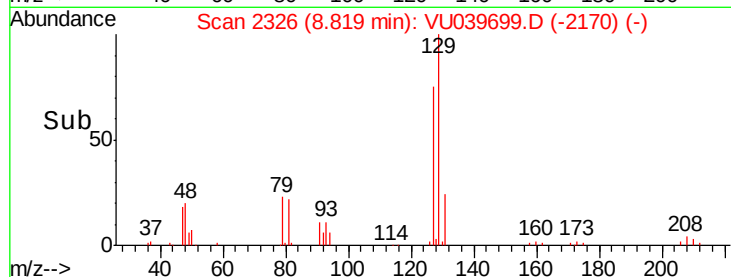
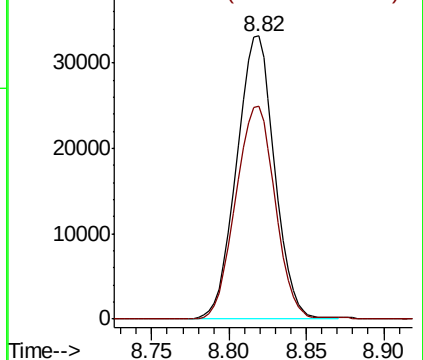
#55
 Dibromochloromethane
 Concen: 11.237 ug/l
 RT: 8.82 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:129 Resp: 56631
 Ion Ratio Lower Upper
 129 100
 127 78.0 62.4 93.6

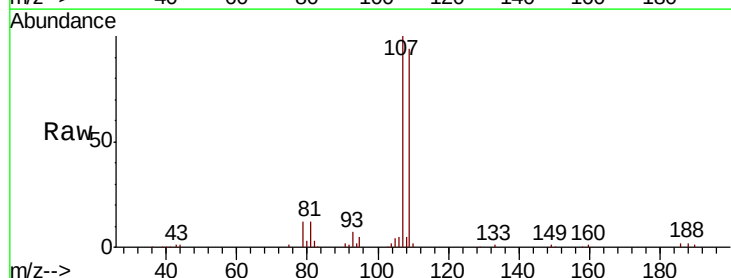


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

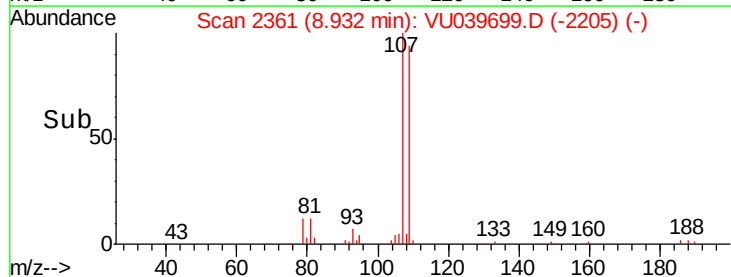
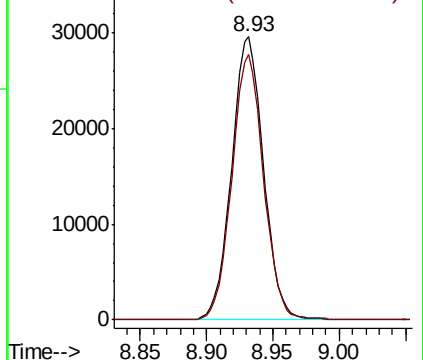


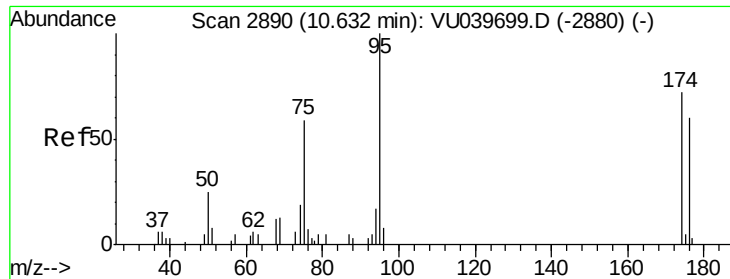
#56
 1,2-Dibromoethane
 Concen: 11.415 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion:107 Resp: 49411
 Ion Ratio Lower Upper
 107 100
 109 92.6 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

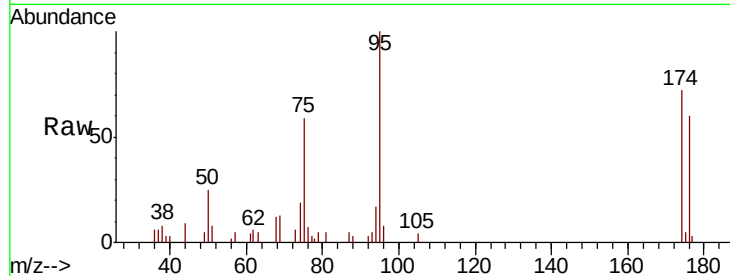




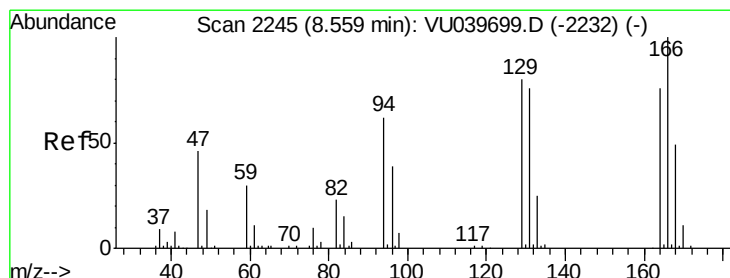
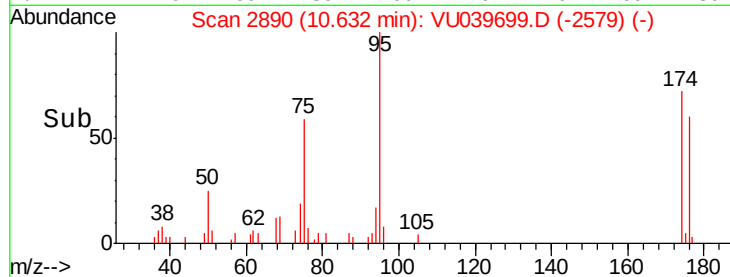
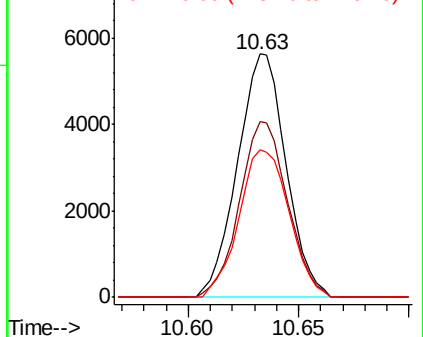
#57
4-Bromofluorobenzene
Concen: 1.040 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 95 Resp: 8595
Ion Ratio Lower Upper
95 100
174 71.2 57.0 85.4
176 62.7 50.2 75.2

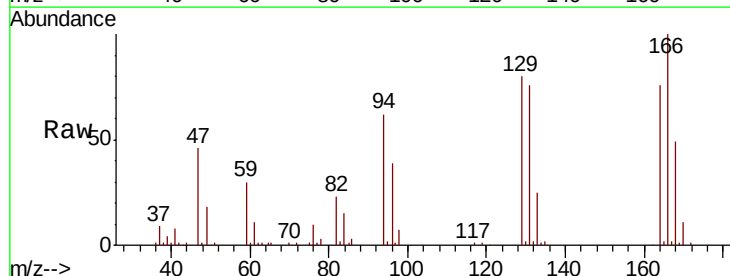


Abundance Ion 95.00 (94.70 to 95.70): VU039699.D (-2880) (-)
Ion 174.00 (173.70 to 174.70): VU039699.D (-2880) (-)
Ion 176.00 (175.70 to 176.70): VU039699.D (-2880) (-)

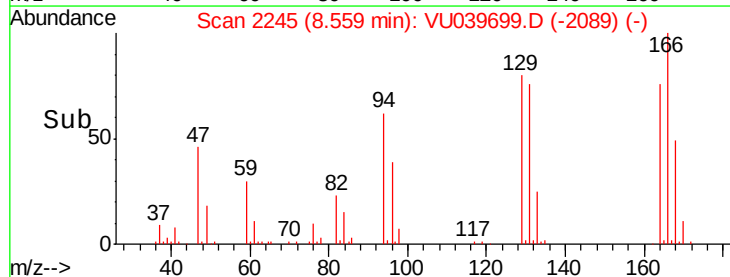
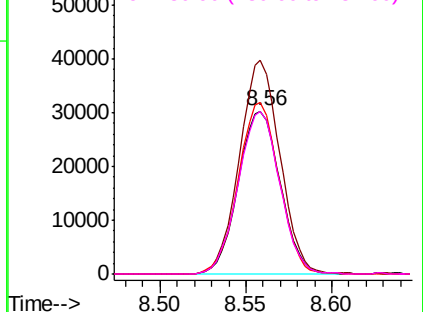


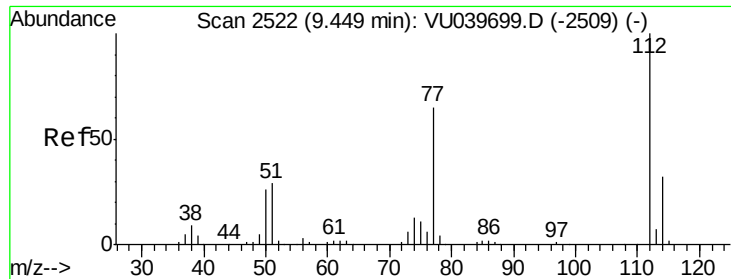
#58
Tetrachloroethene
Concen: 8.602 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 164 Resp: 51336
Ion Ratio Lower Upper
164 100
166 131.0 104.8 157.2
129 105.1 84.1 126.1
131 100.1 80.1 120.1



Abundance Ion 163.85 (163.55 to 164.55): VU039699.D (-2232) (-)
Ion 165.80 (165.50 to 166.50): VU039699.D (-2232) (-)
Ion 128.90 (128.60 to 129.60): VU039699.D (-2232) (-)
Ion 130.90 (130.60 to 131.60): VU039699.D (-2232) (-)





#59

Chlorobenzene

Concen: 9.908 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

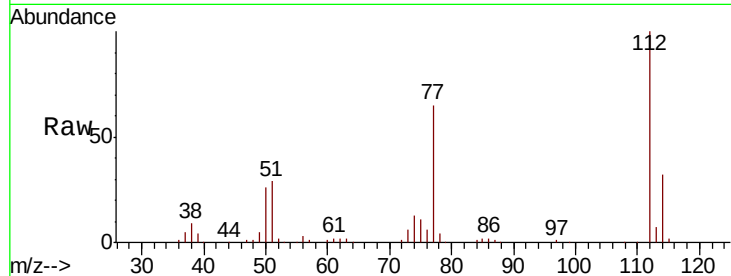
VSTDICCC010

Tot Ion:112 Resp: 166401

Ion Ratio Lower Upper

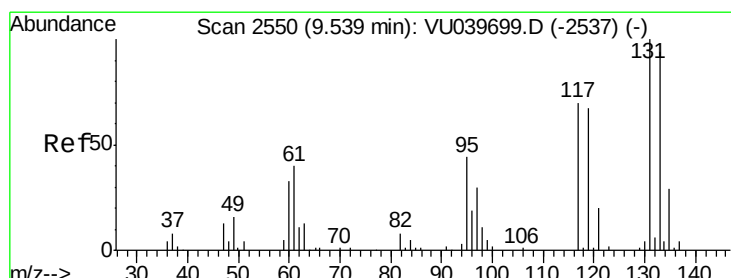
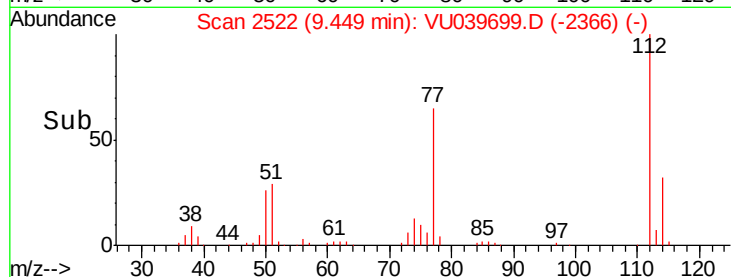
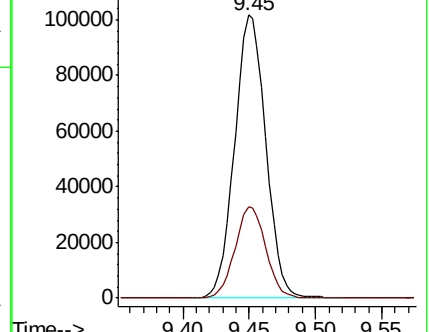
112 100

114 32.2 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: 10.770 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

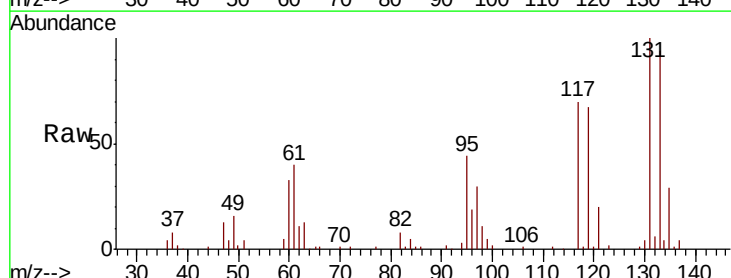
Tgt Ion:131 Resp: 55678

Ion Ratio Lower Upper

131 100

133 94.8 75.8 113.8

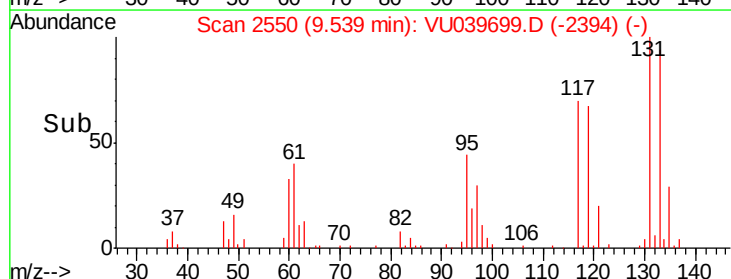
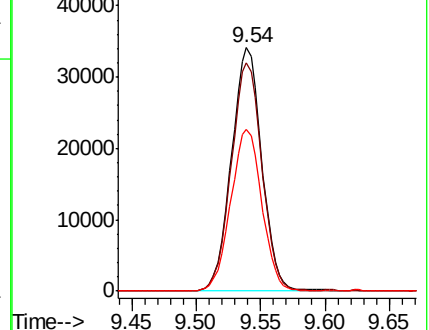
119 68.2 54.6 81.8

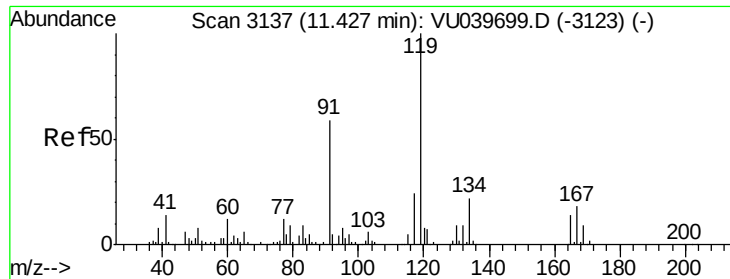


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

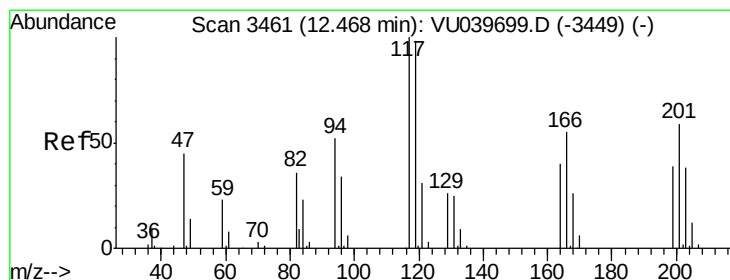
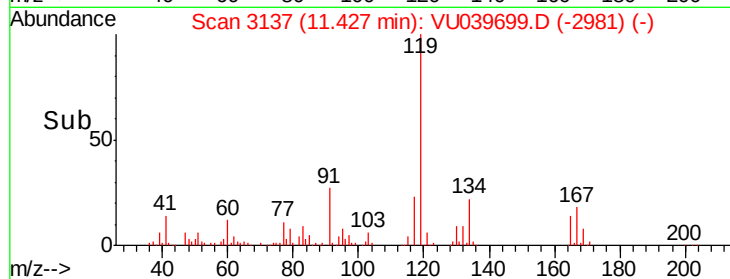
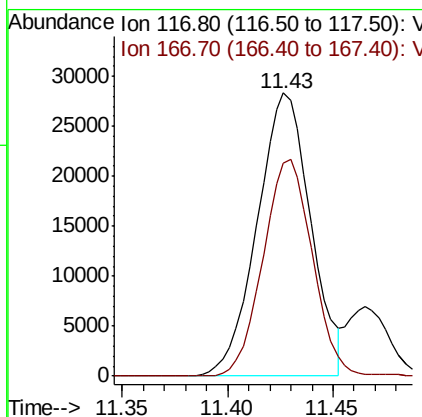
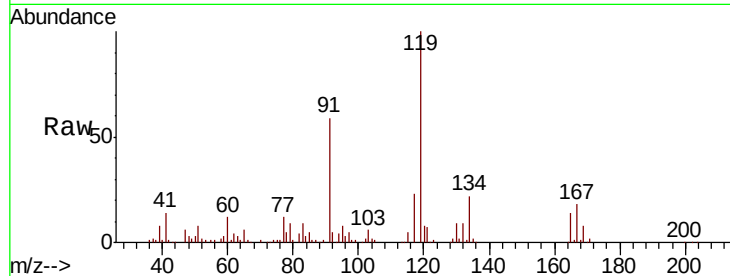




#61
 Pentachloroethane
 Concen: 12.510 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

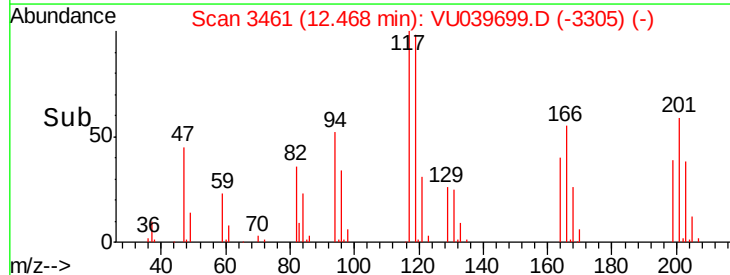
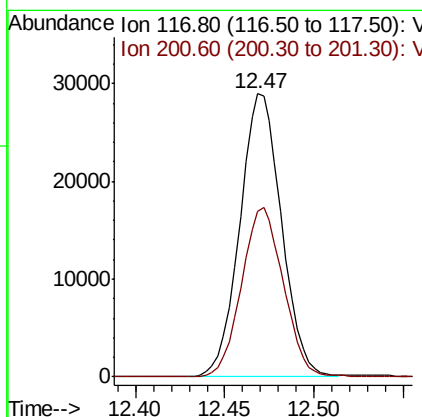
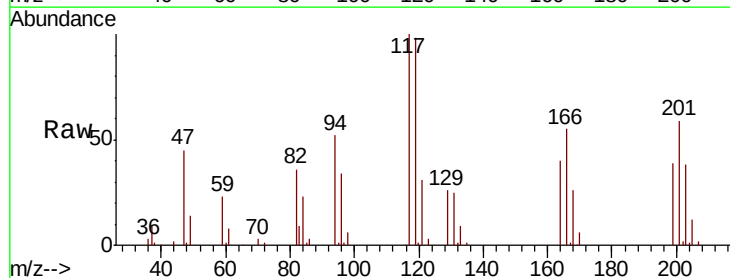
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

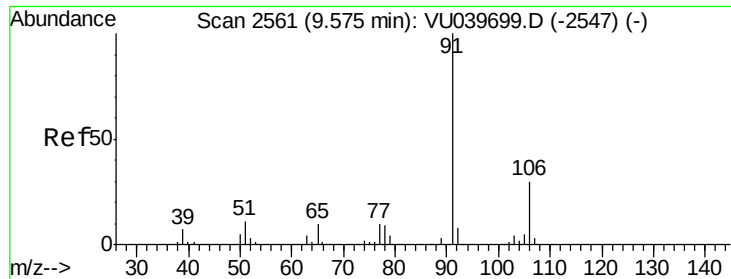
Tot Ion:117 Resp: 50060
 Ion Ratio Lower Upper
 117 100
 167 70.8 56.6 85.0



#62
 Hexachloroethane
 Concen: 11.543 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion:117 Resp: 47316
 Ion Ratio Lower Upper
 117 100
 201 60.1 48.1 72.1

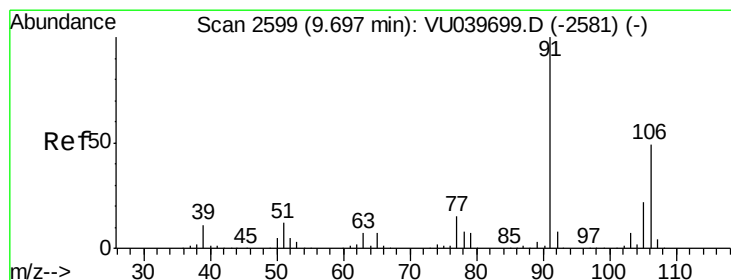
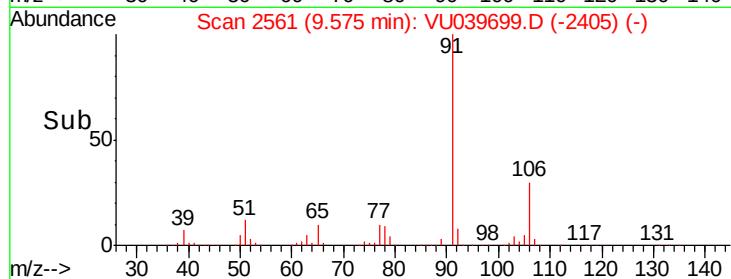
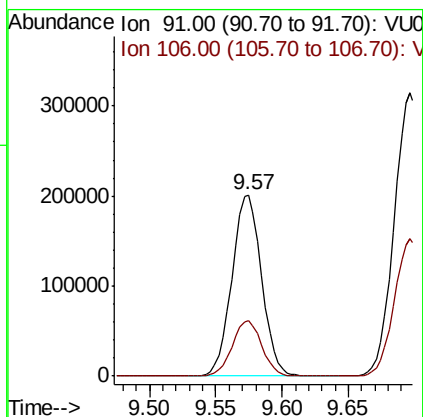
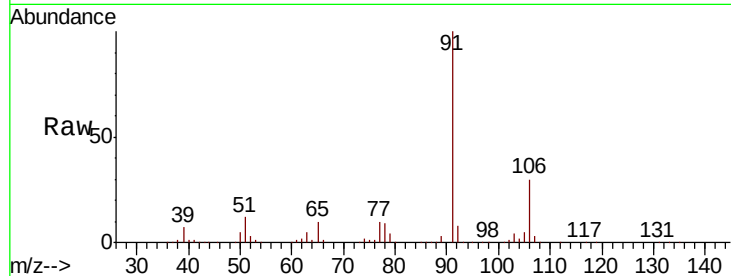




#63
Ethyl Benzene
Concen: 10.422 ug/l
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

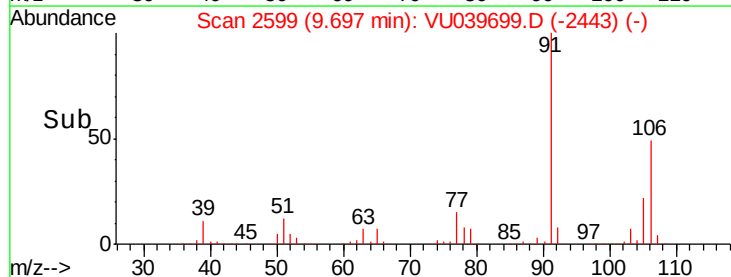
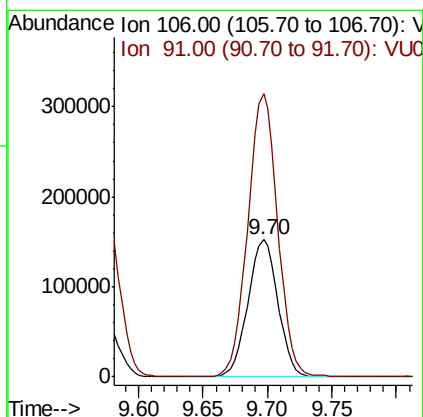
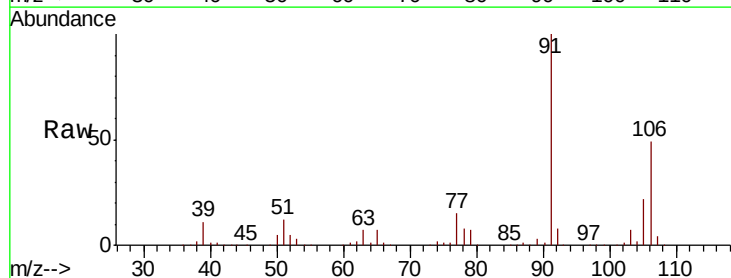
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

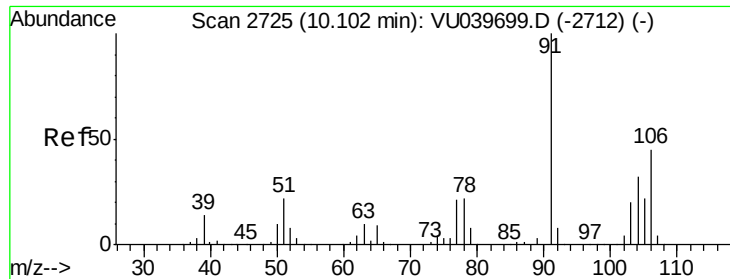
Tot Ion: 91 Resp: 313466
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#64
m/p-Xylenes
Concen: 21.295 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion: 106 Resp: 247331
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9

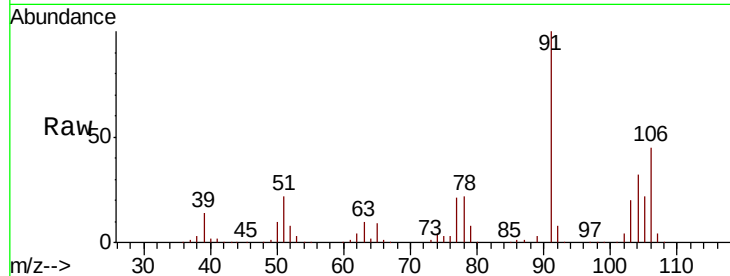




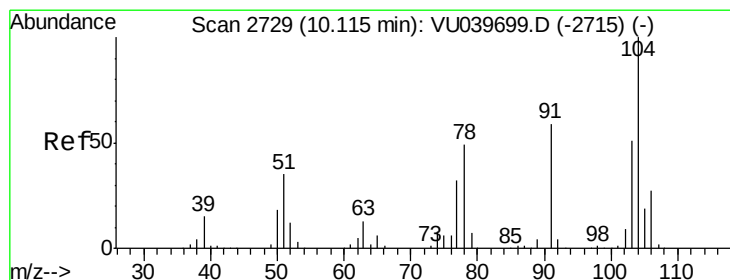
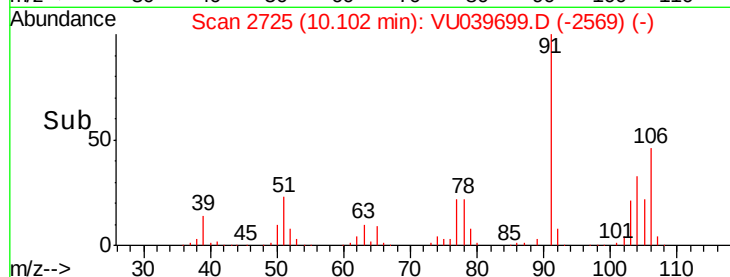
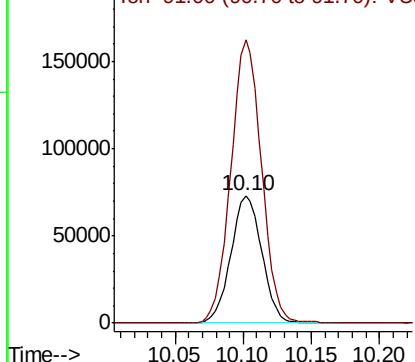
#65
o-Xylene
Concen: 10.226 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:106 Resp: 115109
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

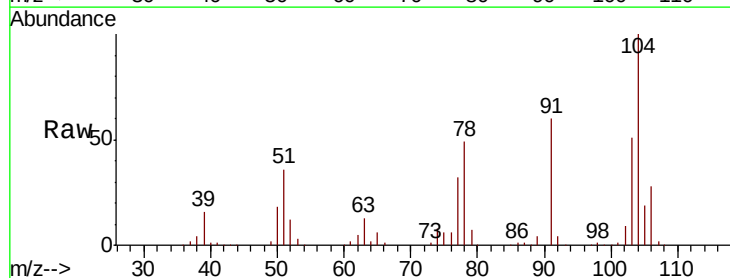


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

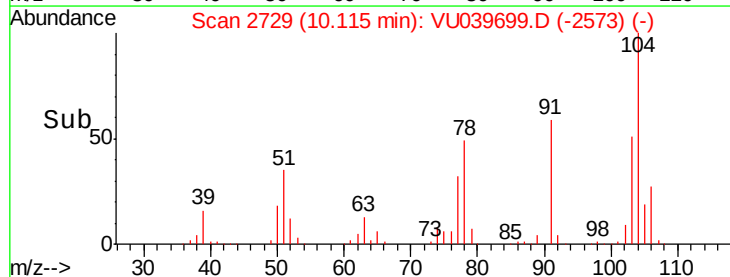
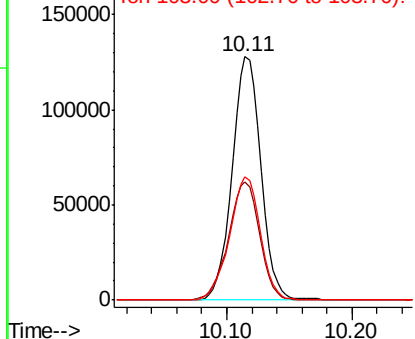


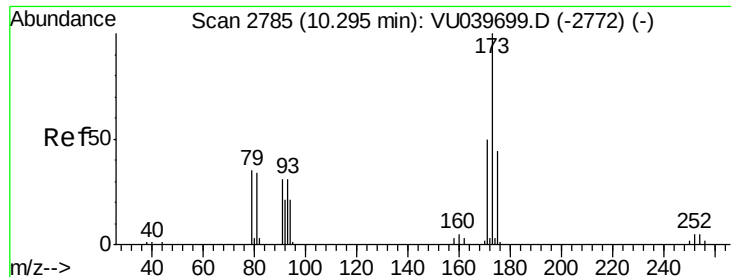
#66
Styrene
Concen: 10.882 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion:104 Resp: 203476
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.3 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

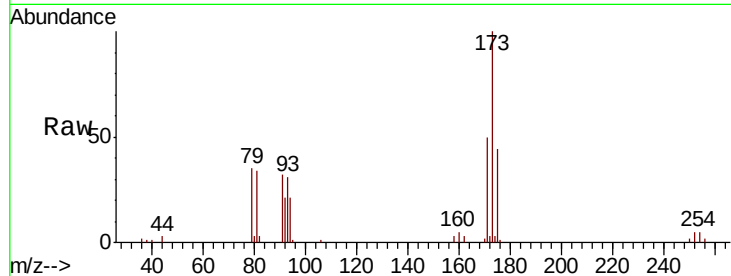




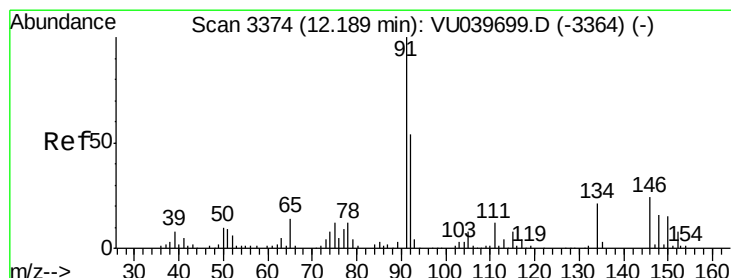
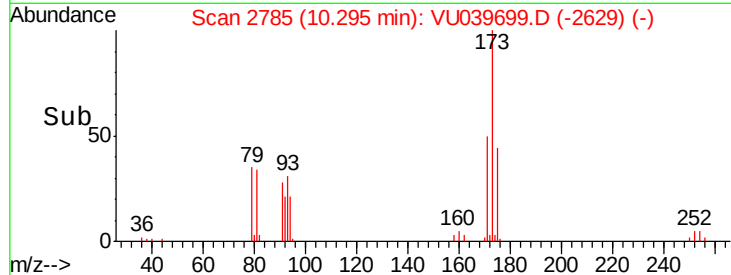
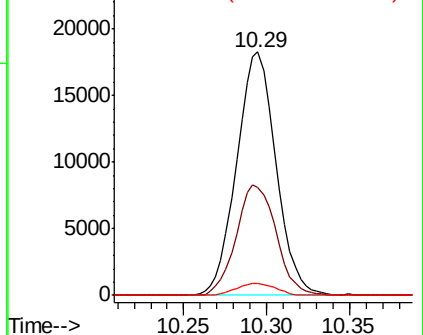
#67
Bromoform
Concen: 11.377 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:173 Resp: 30125
Ion Ratio Lower Upper
173 100
175 45.9 36.7 55.1
254 4.8 3.8 5.8

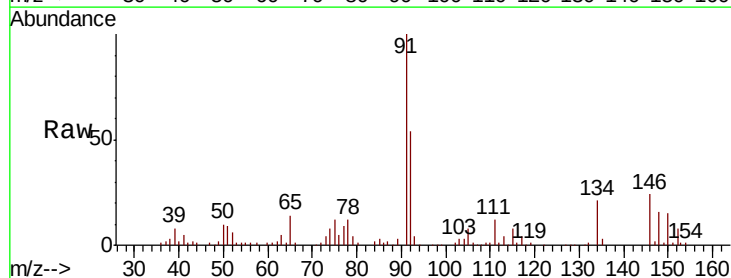


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

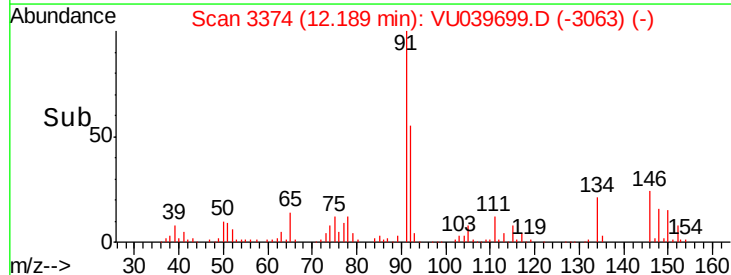
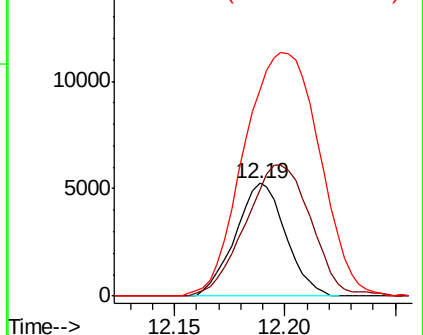


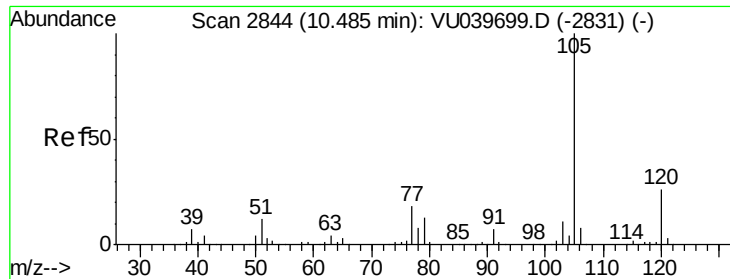
#68
1,2-Dichlorobenzene-d4
Concen: 1.035 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. 0.00 min
Lab File: VU039699.D
Acq: 29 Jul 2020 12:38

Tgt Ion:152 Resp: 8321
Ion Ratio Lower Upper
152 100
115 151.2 0.0 302.4
150 322.9 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: 10.483 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

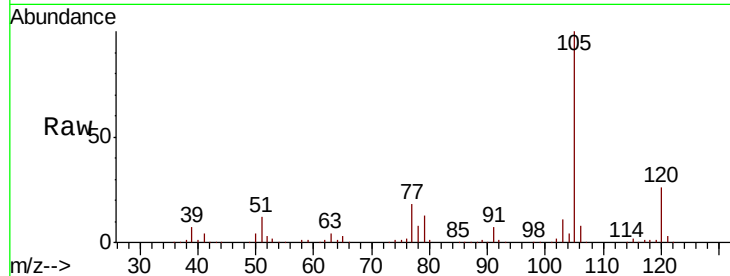
VSTDICCC010

Tot Ion:105 Resp: 308857

Ion Ratio Lower Upper

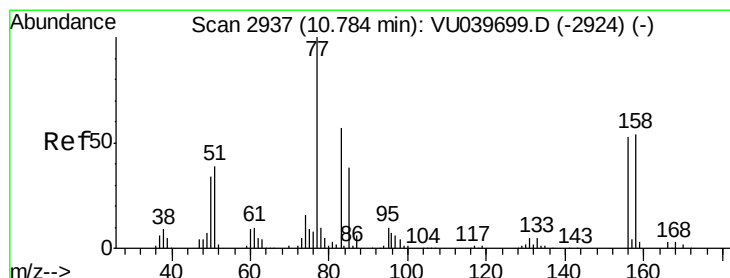
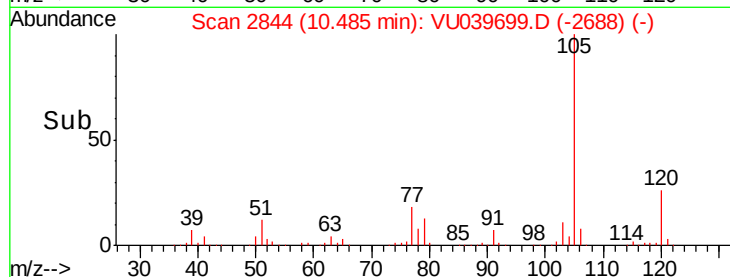
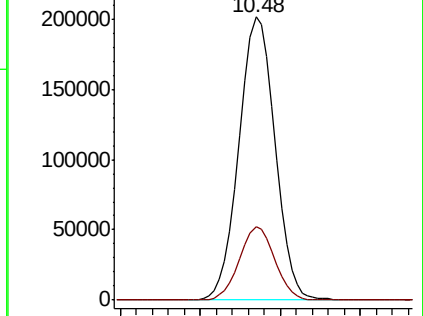
105 100

120 25.6 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: 12.372 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

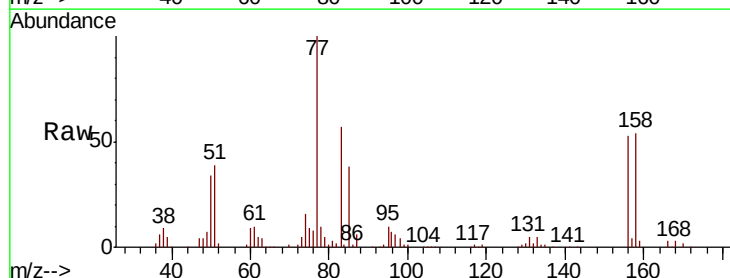
Tgt Ion: 83 Resp: 74055

Ion Ratio Lower Upper

83 100

131 8.8 7.0 10.6

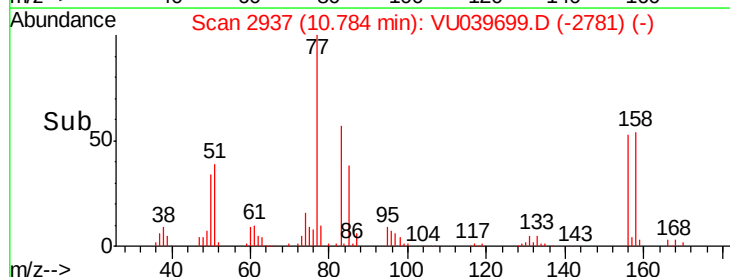
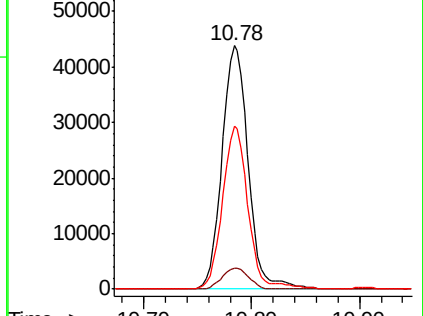
85 63.2 50.6 75.8

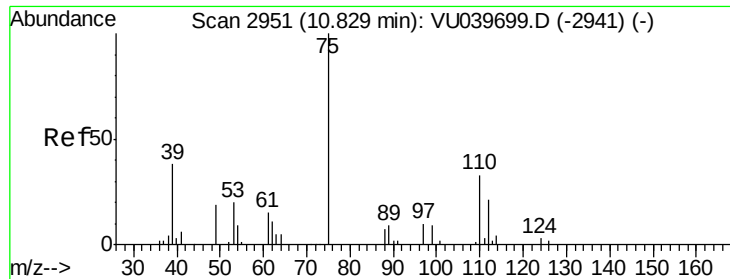


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

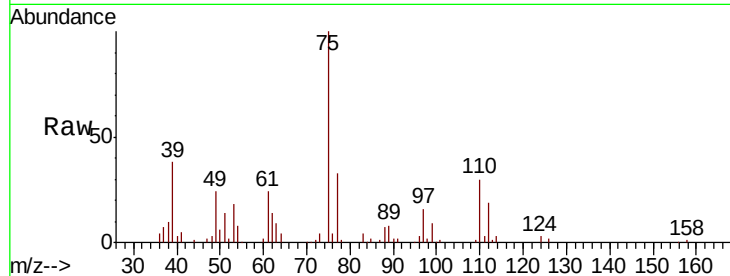




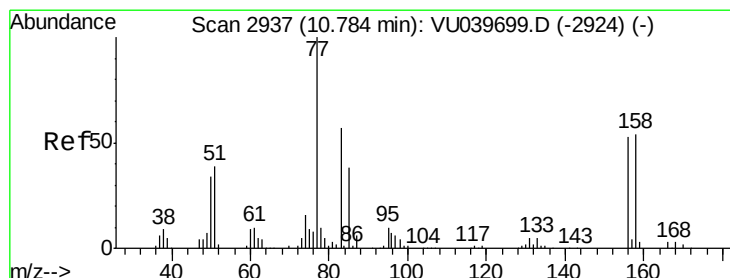
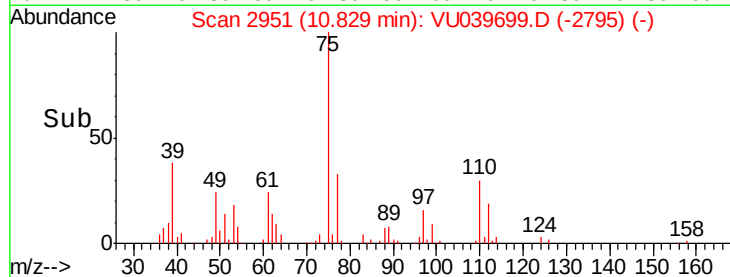
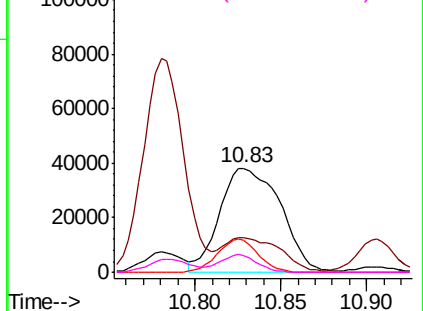
#71
 1,2,3-Trichloropropane
 Concen: 20.897 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:	75	Resp:	94407
Ion	Ratio	Lower	Upper
75	100		
77	29.9	0.0	91.0
110	21.1	0.0	64.2
97	10.7	0.0	32.6

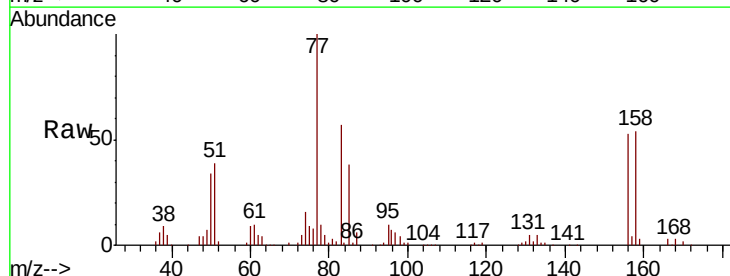


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

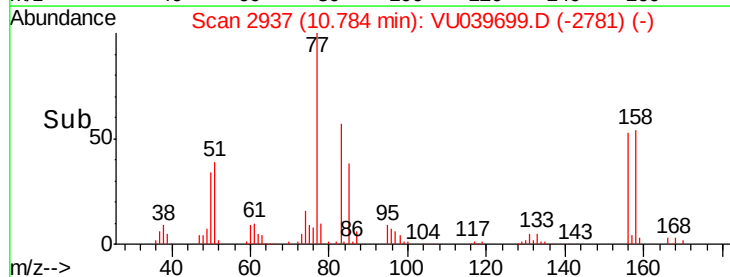
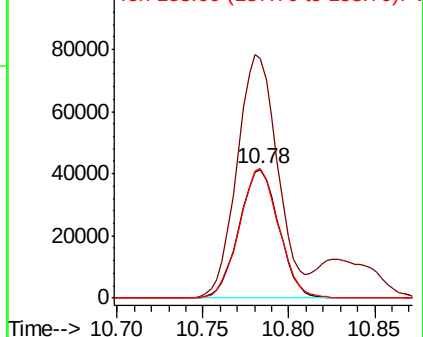


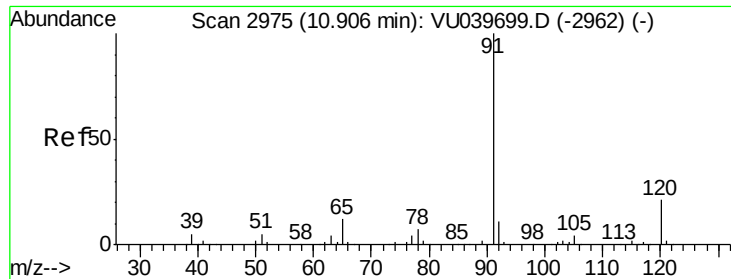
#72
 Bromobenzene
 Concen: 10.164 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion:	156	Resp:	66560
Ion	Ratio	Lower	Upper
156	100		
77	192.6	0.0	385.2
158	100.4	0.0	200.8



Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 10.748 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

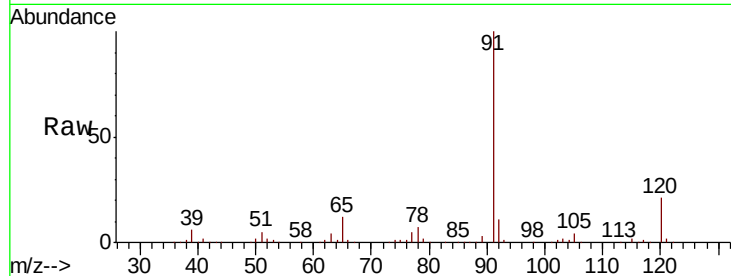
VSTDICCC010

Tot Ion:120 Resp: 87081

Ion Ratio Lower Upper

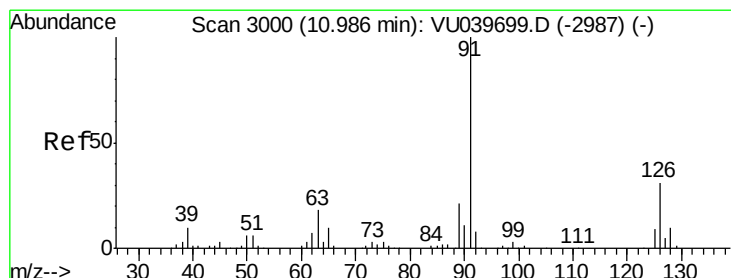
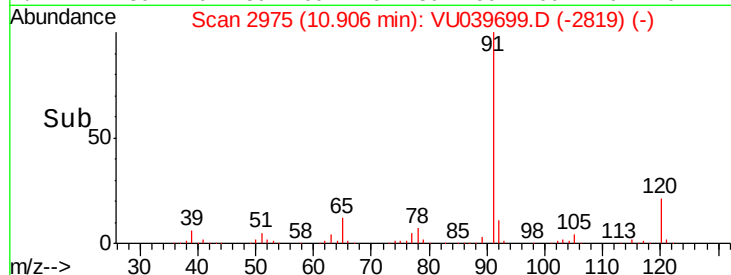
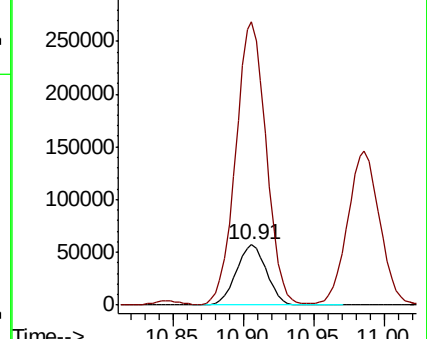
120 100

91 464.6 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.432 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU039699.D

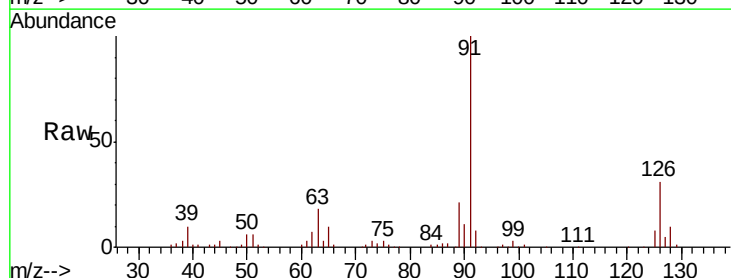
Acq: 29 Jul 2020 12:38

Tgt Ion:126 Resp: 70977

Ion Ratio Lower Upper

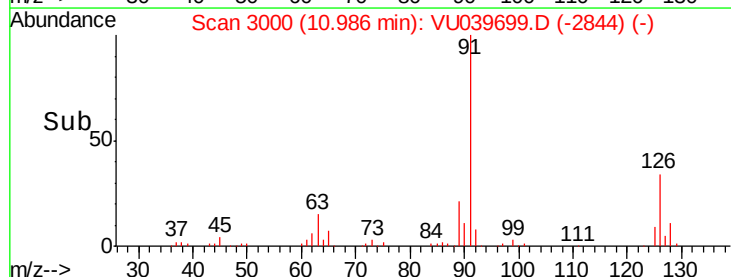
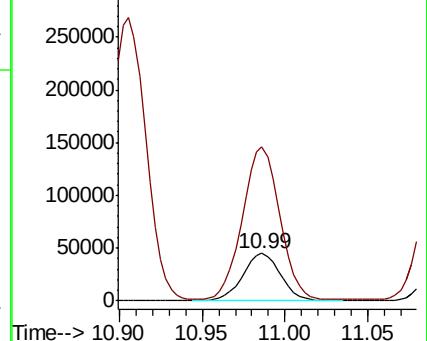
126 100

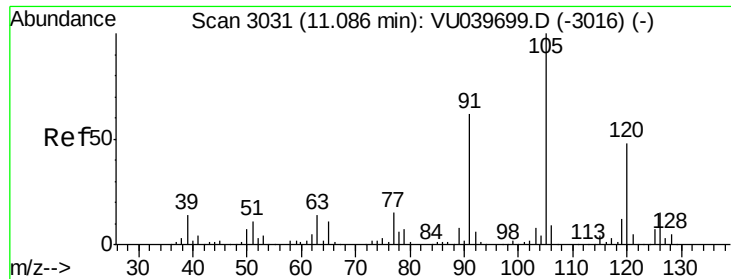
91 318.5 0.0 637.0



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: 11.172 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

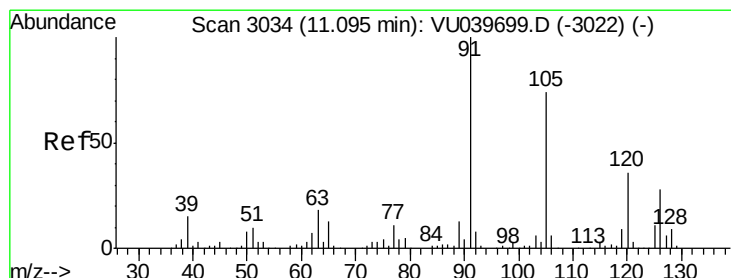
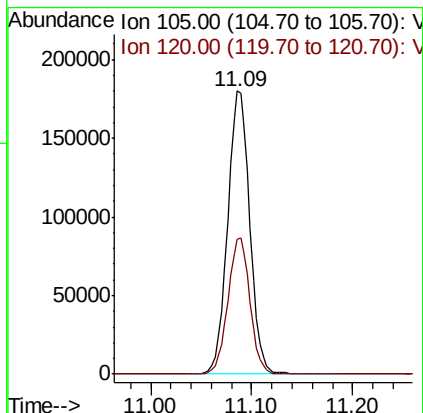
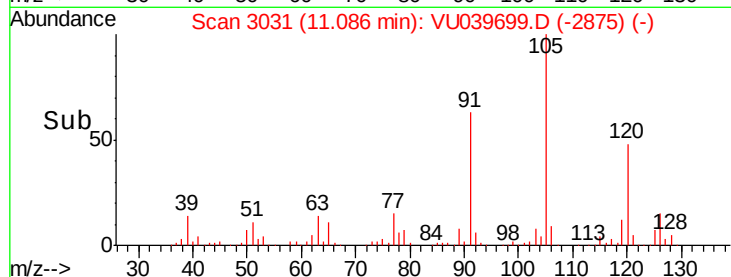
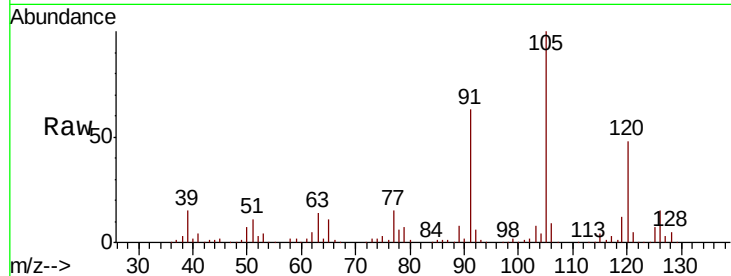
VSTDICCC010

Tot Ion:105 Resp: 276020

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



#76

4-Chlorotoluene

Concen: 10.682 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU039699.D

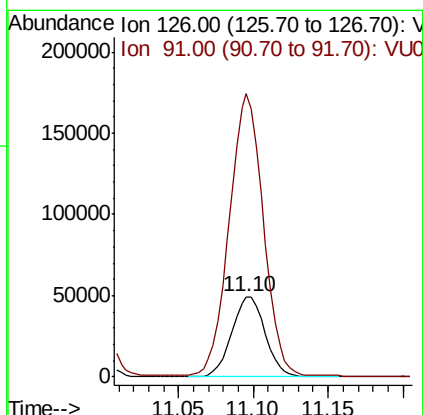
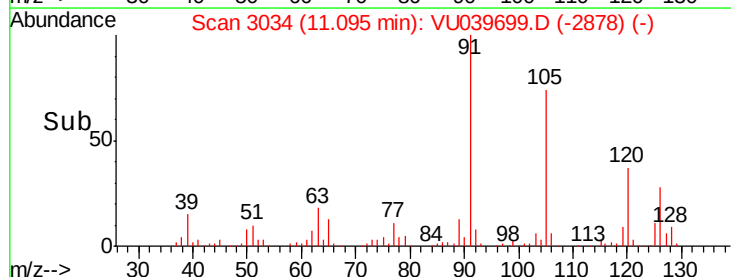
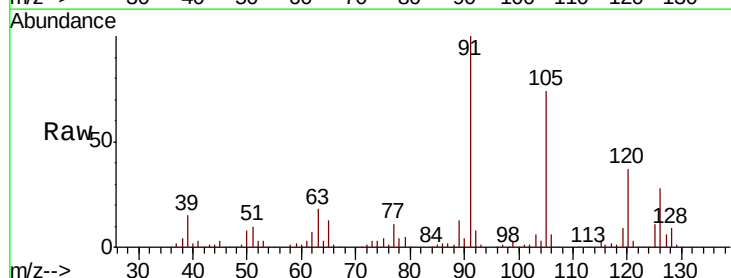
Acq: 29 Jul 2020 12:38

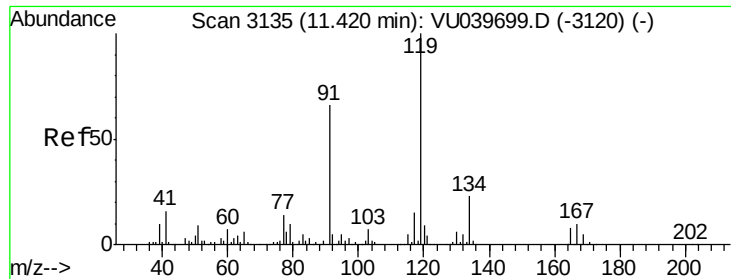
Tgt Ion:126 Resp: 75685

Ion Ratio Lower Upper

126 100

91 366.1 0.0 732.2

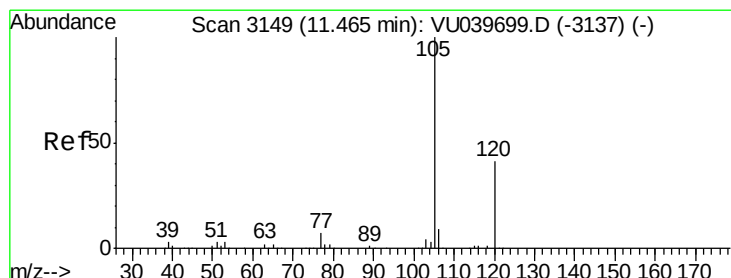
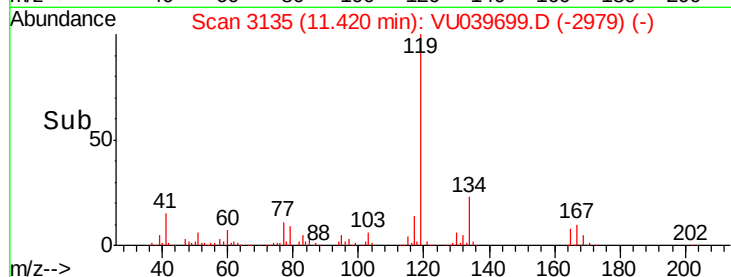
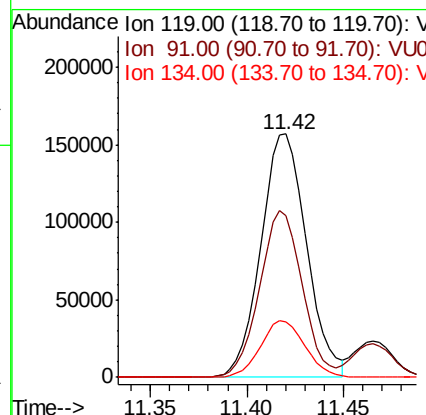
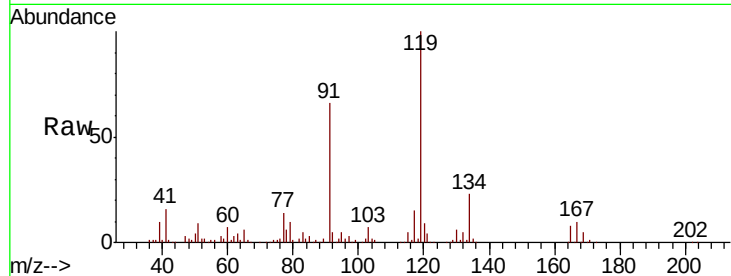




#77
 tert-Butylbenzene
 Concen: 10.995 ug/l
 RT: 11.42 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

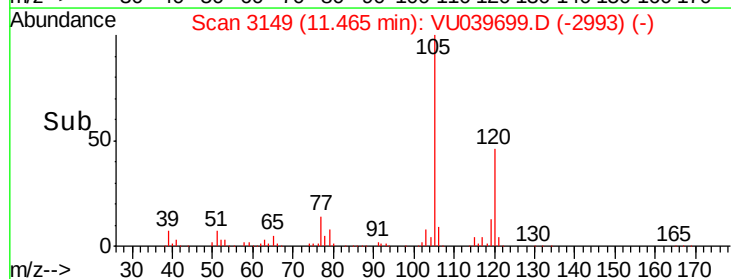
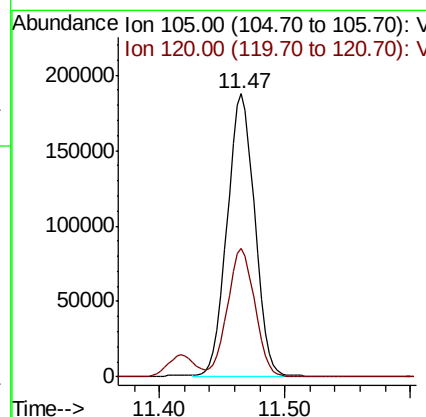
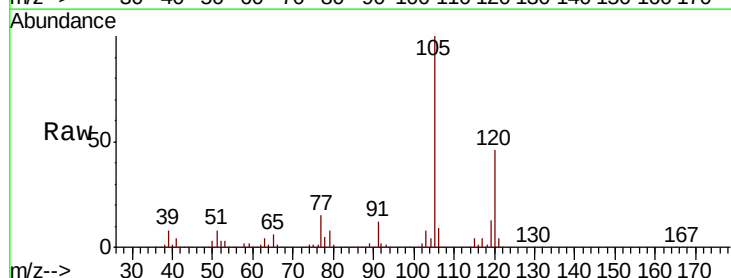
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

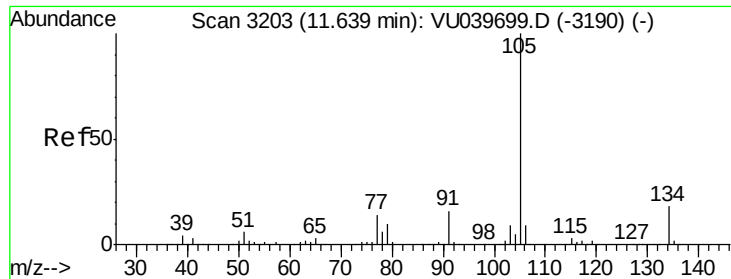
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.9	95.5
134	22.8	18.2	27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 11.170 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.0

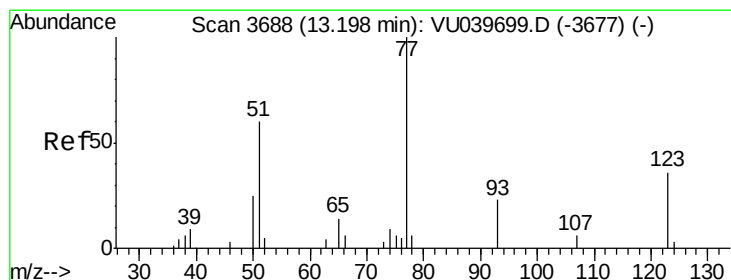
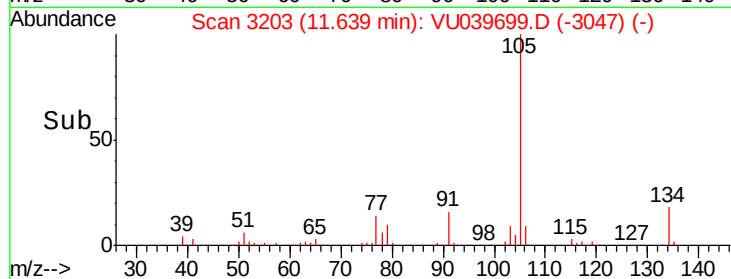
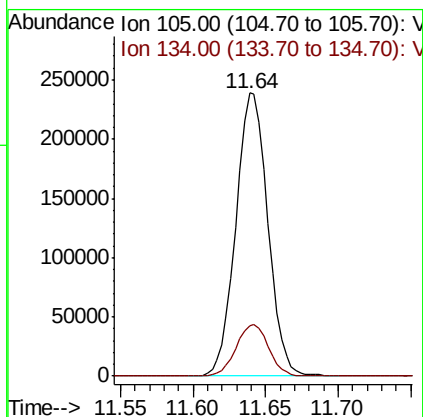
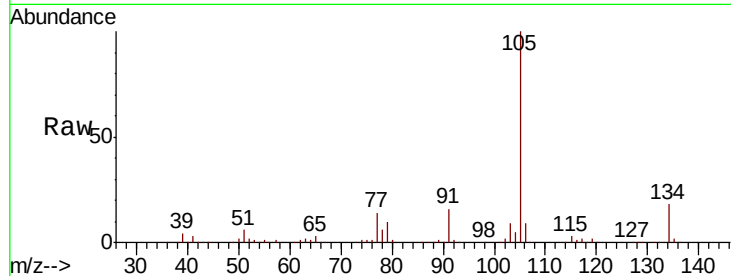




#79
 sec-Butylbenzene
 Concen: 10.930 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

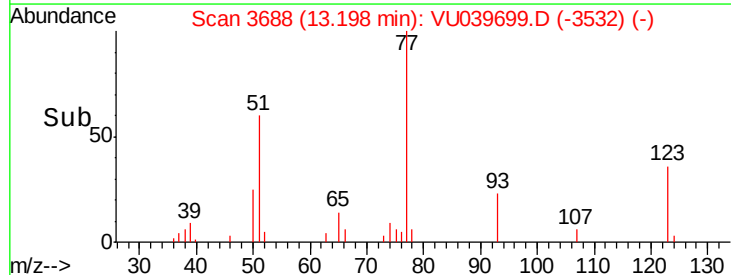
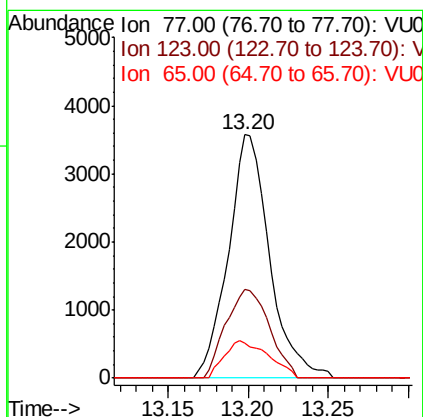
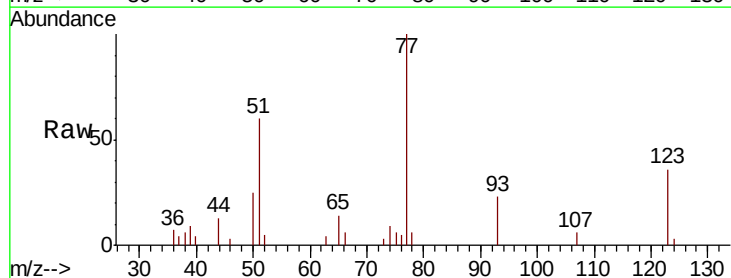
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

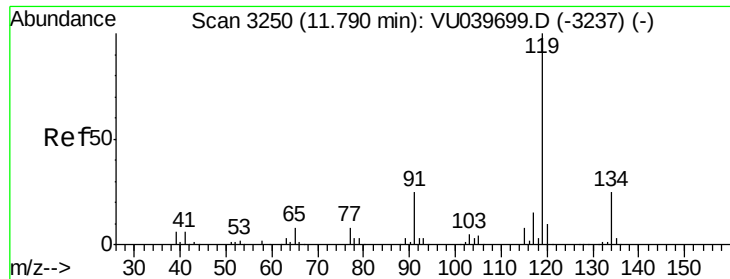
Tot Ion: 105 Resp: 366590
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.8 22.2



#80
 Nitrobenzene
 Concen: 38.621 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion: 77 Resp: 6279
 Ion Ratio Lower Upper
 77 100
 123 38.4 16.9 59.9
 65 16.4 14.4 18.4

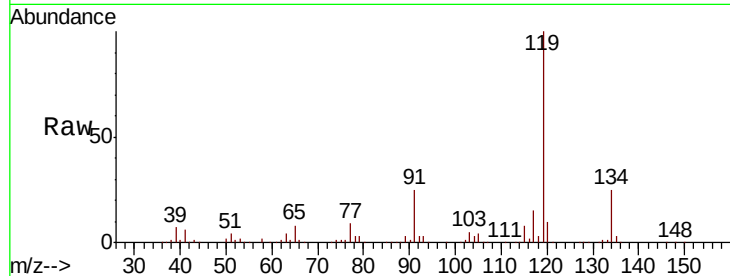




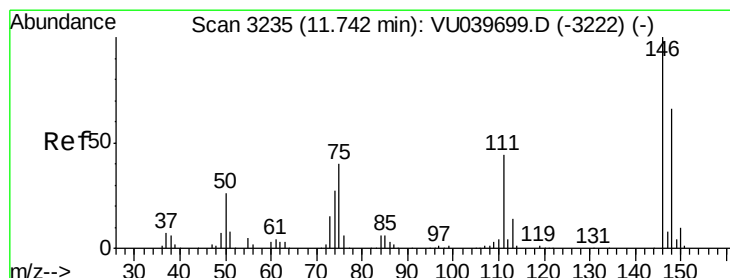
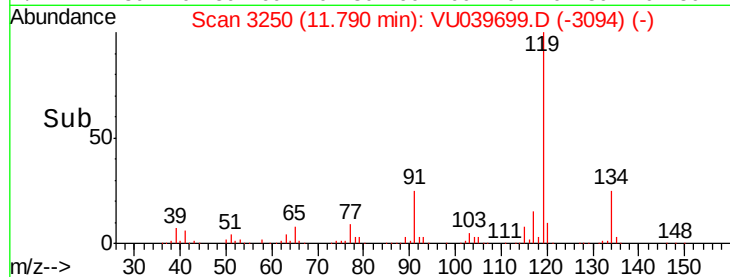
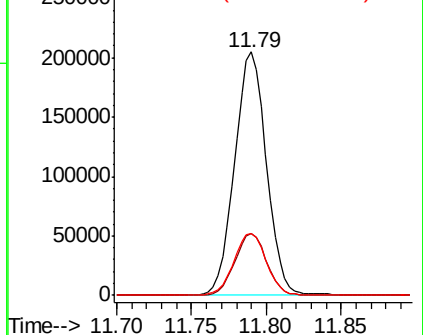
#81
 p-Isopropyltoluene
 Concen: 11.114 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:119 Resp: 301142
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.2 30.4
 91 25.9 20.7 31.1

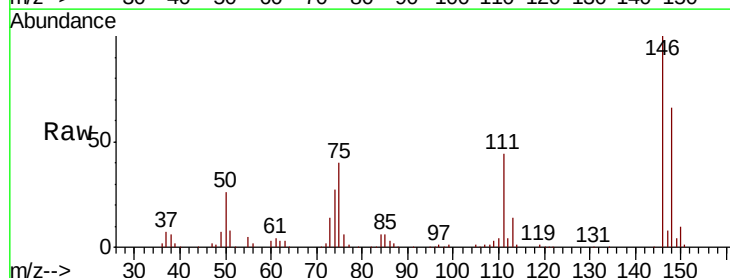


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

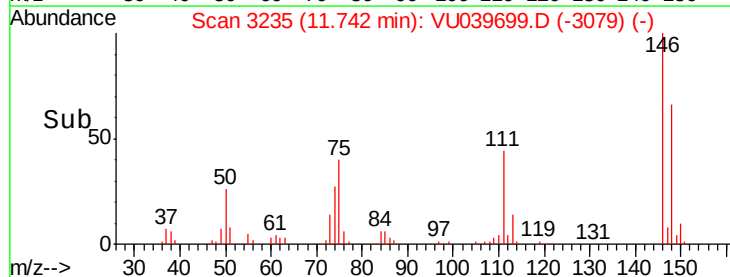
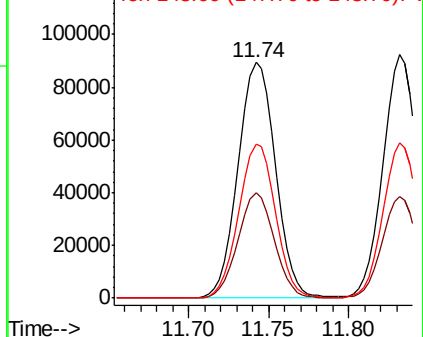


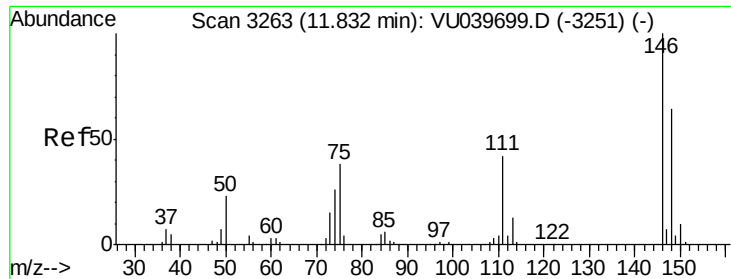
#82
 1,3-Dichlorobenzene
 Concen: 10.439 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion:146 Resp: 142854
 Ion Ratio Lower Upper
 146 100
 111 43.1 34.5 51.7
 148 64.2 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

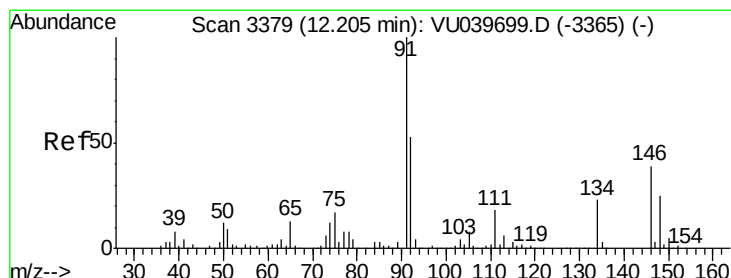
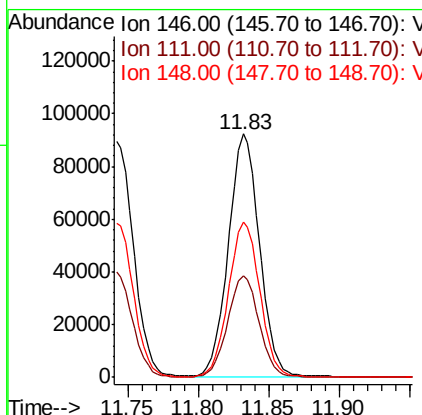
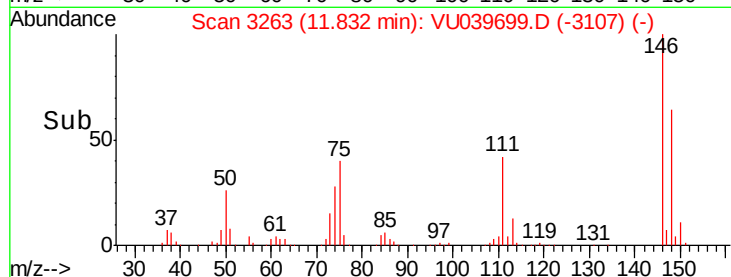
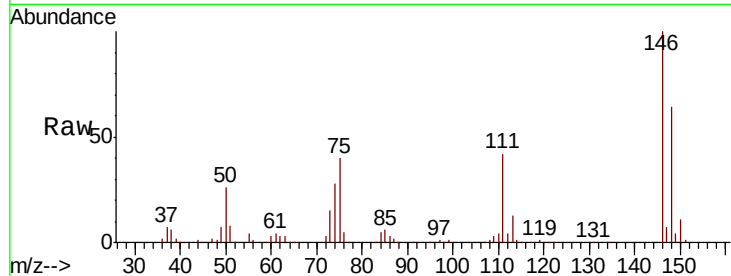




#83
 1,4-Dichlorobenzene
 Concen: 10.292 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

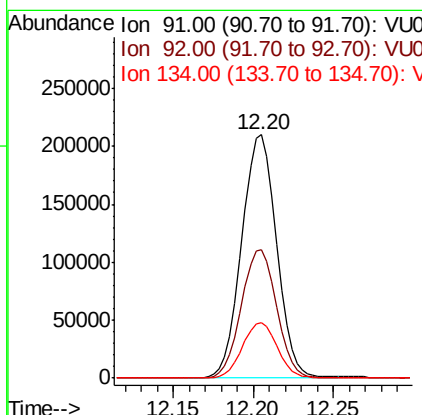
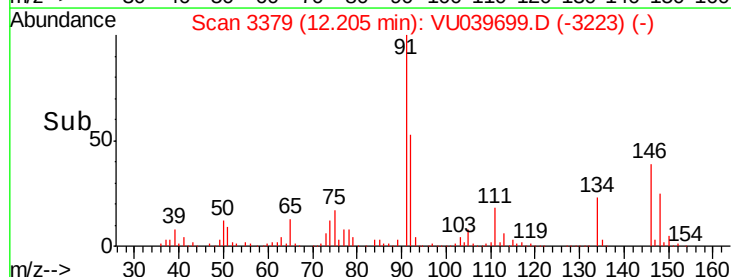
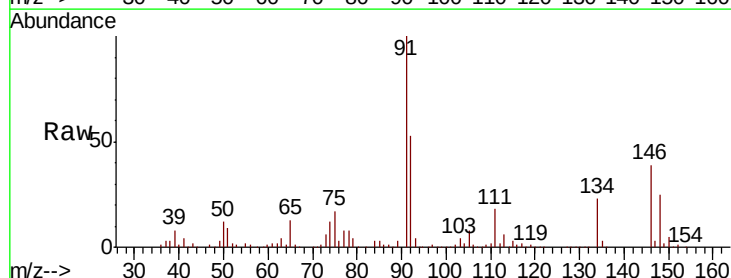
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

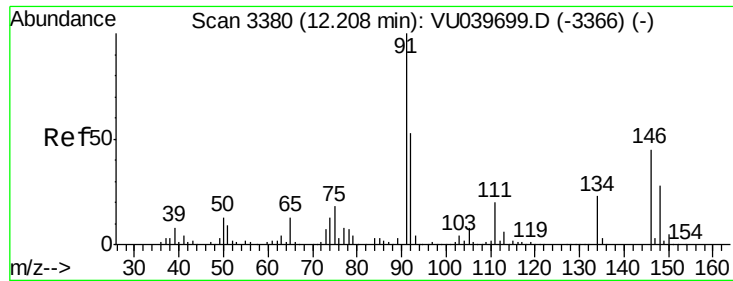
Tot Ion:146 Resp: 142483
 Ion Ratio Lower Upper
 146 100
 111 42.2 33.8 50.6
 148 63.9 51.1 76.7



#84
 n-Butylbenzene
 Concen: 11.517 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion: 91 Resp: 313469
 Ion Ratio Lower Upper
 91 100
 92 53.3 42.6 64.0
 134 22.8 18.2 27.4

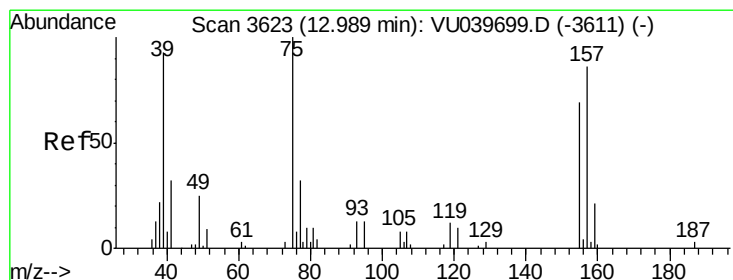
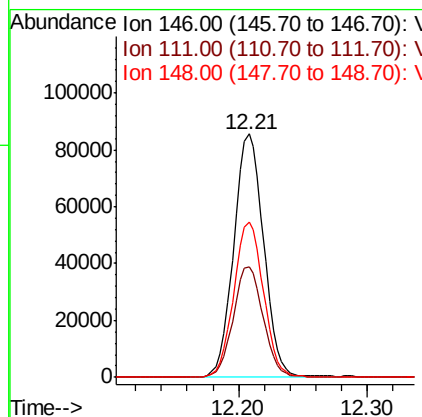
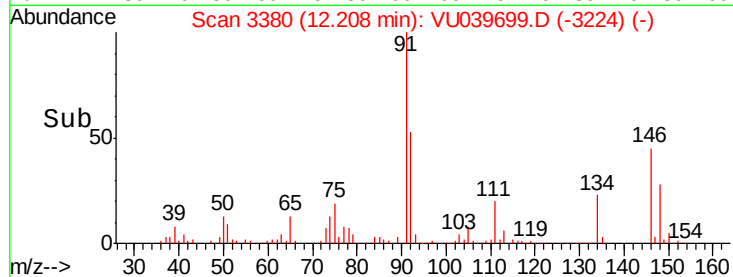
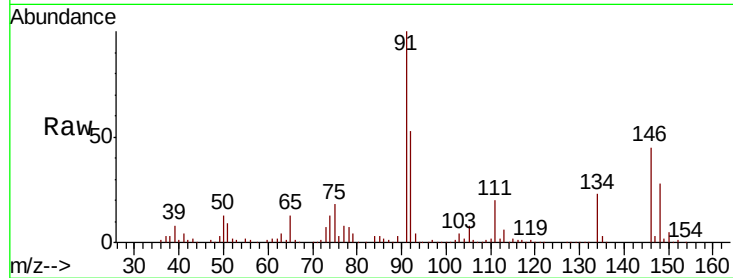




#85
 1,2-Dichlorobenzene
 Concen: 10.761 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

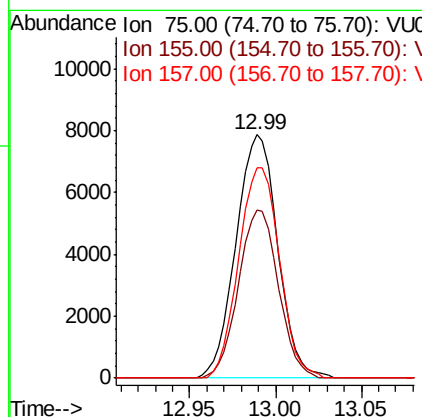
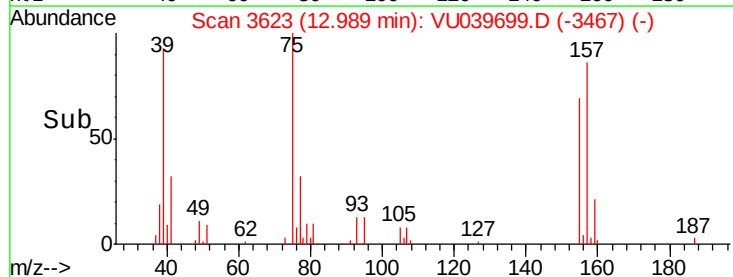
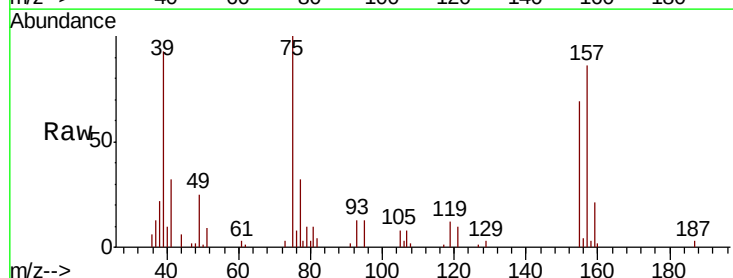
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

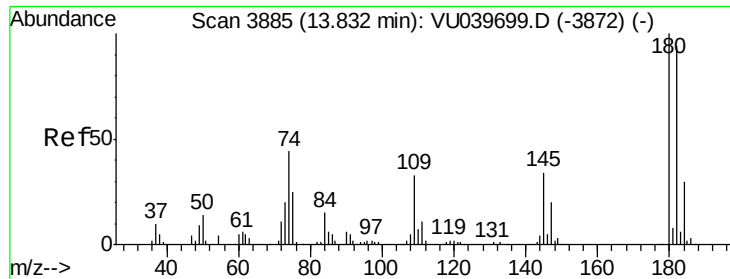
Tot Ion:146 Resp: 138145
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.8 68.3
 148 63.4 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 13.594 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion: 75 Resp: 13240
 Ion Ratio Lower Upper
 75 100
 155 66.1 52.9 79.3
 157 84.7 67.8 101.6

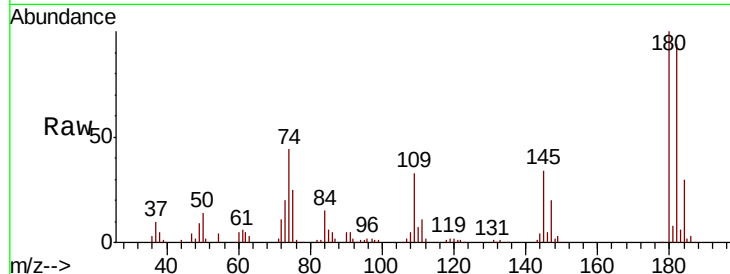




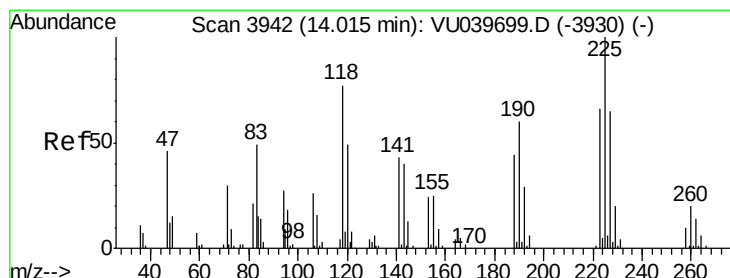
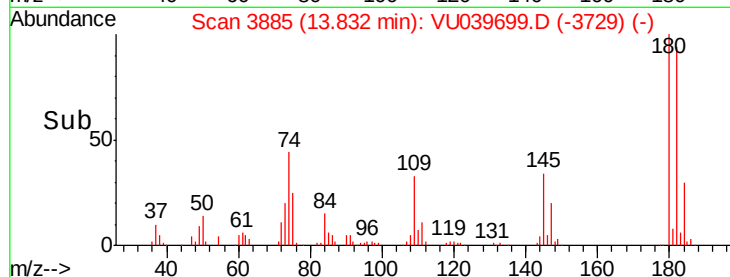
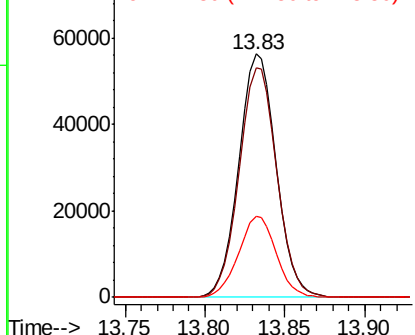
#87
 1,2,4-Trichlorobenzene
 Concen: 9.708 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:180 Resp: 89255
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 145 33.5 26.8 40.2

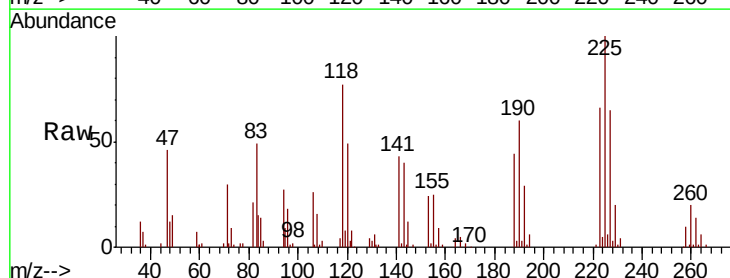


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

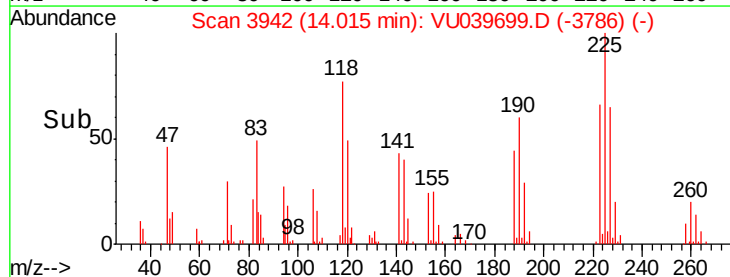
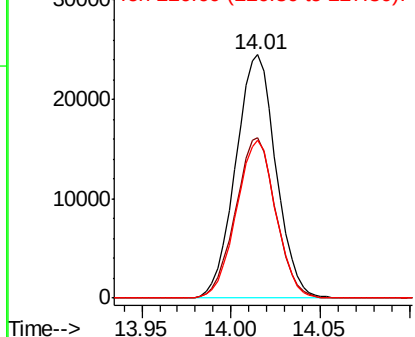


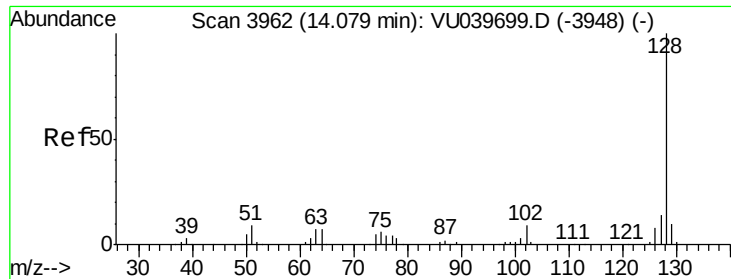
#88
 Hexachlorobutadiene
 Concen: 9.499 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VU039699.D
 Acq: 29 Jul 2020 12:38

Tgt Ion:225 Resp: 38670
 Ion Ratio Lower Upper
 225 100
 223 65.5 52.4 78.6
 227 63.4 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: 11.091 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

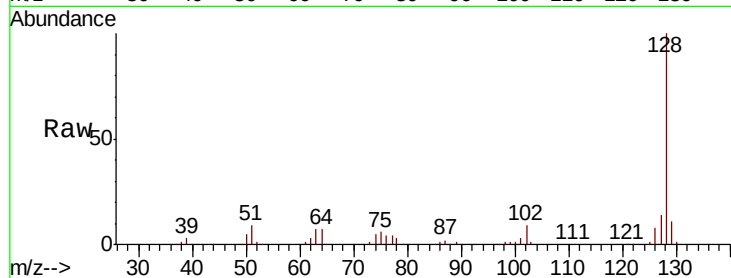
Tot Ion:128 Resp: 200614

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

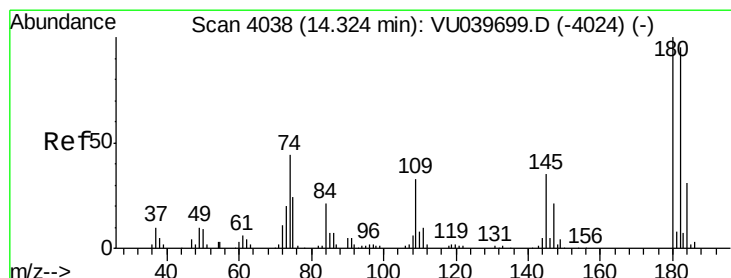
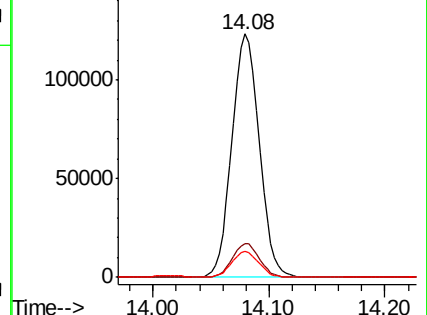
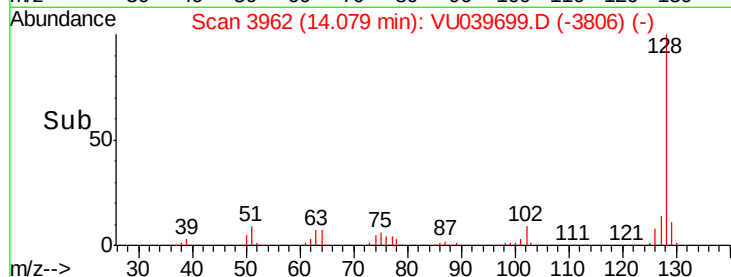
129 10.5 8.4 12.6



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: 10.126 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. 0.00 min

Lab File: VU039699.D

Acq: 29 Jul 2020 12:38

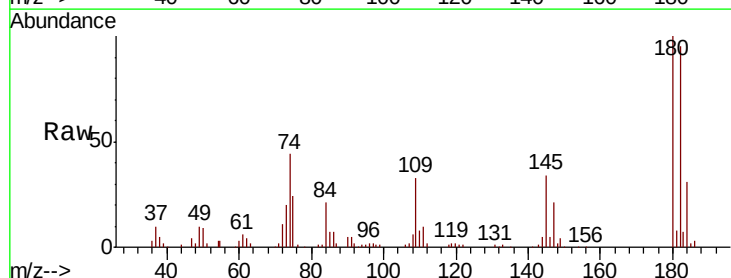
Tgt Ion:180 Resp: 83388

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 34.7 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

