

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039700.D
 Acq On : 29 Jul 2020 13:07
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 30 01:22:38 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	6.12	96	21708	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.64	95	9587	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	9301	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	150146	20.250	ug/l	99
3) Chloromethane	1.53	50	178414	20.213	ug/l	100
4) Vinyl Chloride	1.61	62	169253	19.571	ug/l	100
5) Bromomethane	1.85	94	101457	18.916	ug/l	99
6) Chloroethane	1.94	64	110077	20.878	ug/l	97
7) Trichlorofluoromethane	2.15	101	220802	23.436	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	126295	21.852	ug/l	99
9) 1,1-Dichloroethene	2.59	96	117558	20.482	ug/l	98
10) Iodomethane	2.74	142	149505	39.152	ug/l	99
11) Allyl Chloride	2.93	41	254255	23.390	ug/l	100
12) Acrylonitrile	3.33	53	86247	52.881	ug/l	94
13) Acetone	2.64	43	182491	135.167	ug/l	98
14) Carbon Disulfide	2.80	76	432277	20.630	ug/l	99
15) Methylene Chloride	3.06	84	143147	17.975	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	133702	21.231	ug/l	99
17) 1,1-Dichloroethane	3.89	63	287716	23.405	ug/l	99
18) 2-Butanone	4.74	43	317109	152.238	ug/l	99
19) Cyclohexane	5.40	56	253672	21.444	ug/l	93
20) Methylcyclohexane	6.77	83	238045	21.268	ug/l	99
21) 2,2-Dichloropropane	4.68	77	232105	22.845	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	144739	21.689	ug/l	99
23) Diethyl Ether	2.39	59	117693	22.872	ug/l	98
24) tert-Butyl Alcohol	3.20	59	142060	242.166	ug/l	99
25) Methyl tert-Butyl Ether	3.38	73	389387	23.980	ug/l	99
26) Bromochloromethane	4.99	128	56170	20.865	ug/l	98
27) Chloroform	5.11	83	264968	23.061	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	217897	23.121	ug/l	98
29) 1,1-Dichloropropene	5.54	75	210636	22.412	ug/l	99
30) Carbon Tetrachloride	5.53	117	184423	23.478	ug/l	96
31) Isopropyl Ether	4.02	45	539238	26.184	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	448243	24.409	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	346100	22.512	ug/l	100
34) Propionitrile	4.80	54	77941	134.683	ug/l	98
35) Benzene	5.79	78	527717	20.461	ug/l	100
36) 1,2-Dichloroethane	5.81	62	193175	24.211	ug/l	100
37) Trichloroethene	6.55	130	122290	18.312	ug/l	94
38) 1,2-Dichloropropane	6.81	63	149663	21.256	ug/l	98
39) Methacrylonitrile	5.00	41	77653	28.421	ug/l	97
40) Methyl acrylate	4.87	55	109497	27.592	ug/l	98
41) Tetrahydrofuran	5.09	42	78270	56.992	ug/l	99
42) 1-Chlorobutane	5.47	56	330294	23.965	ug/l	100

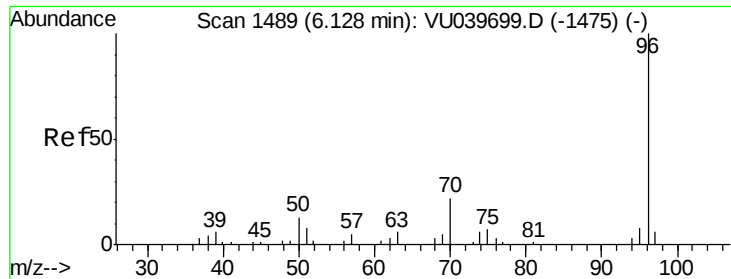
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
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Quant Time: Jul 30 01:22:38 2020
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	78172	23.394	ug/l	99
44) Bromodichloromethane	7.12	83	188787	22.731	ug/l	97
45) 4-Methyl-2-Pentanone	7.81	43	663201	140.989	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	209373	145.665	ug/l #	50
47) Methyl methacrylate	6.98	69	163311	48.237	ug/l	99
48) Ethyl methacrylate	8.35	69	158755	25.474	ug/l	98
49) Toluene	7.98	92	346424	21.265	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	195089	23.316	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	216589	21.772	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	105828	22.657	ug/l	99
53) 1,3-Dichloropropane	8.58	76	201709	22.948	ug/l	99
54) 2-Hexanone	8.70	43	477372	143.113	ug/l	99
55) Dibromochloromethane	8.82	129	123451	23.877	ug/l	98
56) 1,2-Dibromoethane	8.93	107	104876	23.617	ug/l	100
58) Tetrachloroethene	8.56	164	108452	17.713	ug/l	96
59) Chlorobenzene	9.45	112	355355	20.626	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	120512	22.723	ug/l	99
61) Pentachloroethane	11.43	117	107864	26.274	ug/l	98
62) Hexachloroethane	12.47	117	108296	25.752	ug/l	99
63) Ethyl Benzene	9.57	91	675202	21.882	ug/l	99
64) m/p-Xylenes	9.70	106	528221	44.332	ug/l	100
65) o-Xylene	10.10	106	251521	21.780	ug/l	98
66) Styrene	10.11	104	443598	23.126	ug/l	99
67) Bromoform	10.29	173	68985	25.395	ug/l	96
69) Isopropylbenzene	10.48	105	675734	22.357	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	159673	26.003	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	209373	45.174	ug/l	78
72) Bromobenzene	10.78	156	147377	21.937	ug/l	97
73) n-propylbenzene	10.91	120	188027	22.621	ug/l	100
74) 2-Chlorotoluene	10.99	126	152969	21.915	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	593616	23.420	ug/l	100
76) 4-Chlorotoluene	11.10	126	161951	22.280	ug/l	99
77) tert-Butylbenzene	11.42	119	564820	23.466	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	607391	23.267	ug/l	100
79) sec-Butylbenzene	11.64	105	787967	22.900	ug/l	100
80) Nitrobenzene	13.20	77	17162	102.896	ug/l	96
81) p-Isopropyltoluene	11.79	119	644181	23.174	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	299790	21.354	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	303852	21.394	ug/l	100
84) n-Butylbenzene	12.20	91	686336	24.580	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	287283	21.814	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	29056	29.079	ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	196838	20.868	ug/l	100
88) Hexachlorobutadiene	14.01	225	85331	20.432	ug/l	98
89) Naphthalene	14.08	128	449988	24.249	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	183124	21.677	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

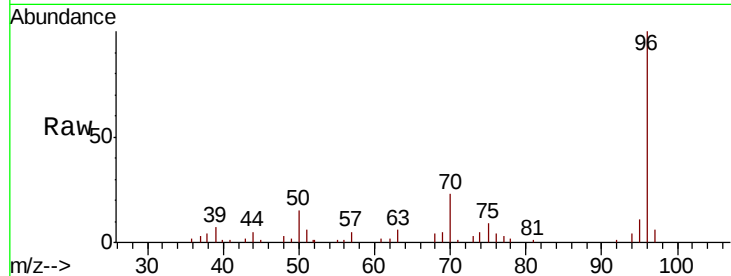
MSVOA_U

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 21708

Ion	Ratio	Lower	Upper
96	100		
70	20.5	16.3	24.5
95	0.0	6.8	10.2
97	0.0	0.0	0.0

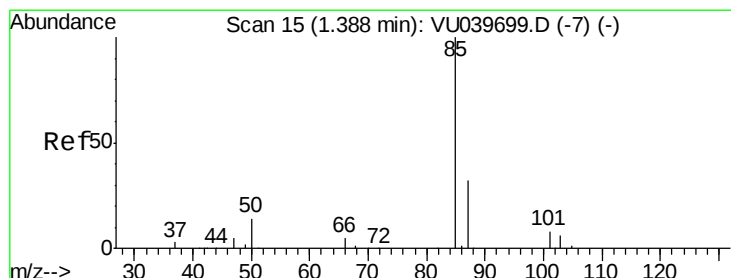
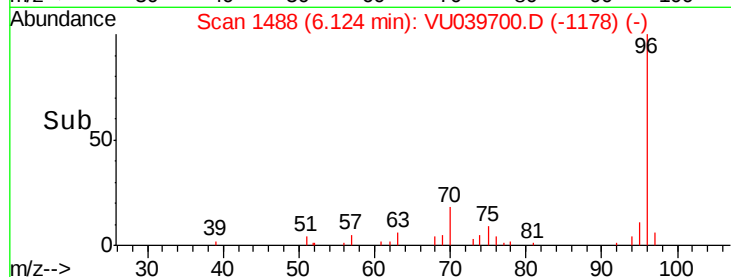
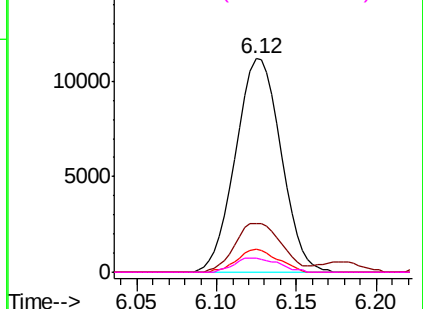


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU039699.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-1475) (-)



#2

Dichlorodifluoromethane

Concen: 20.250 ug/l

RT: 1.39 min Scan# 15

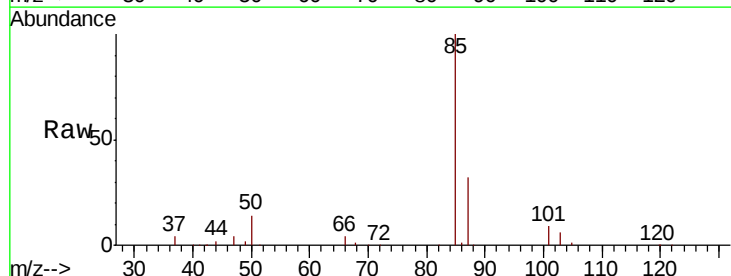
Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

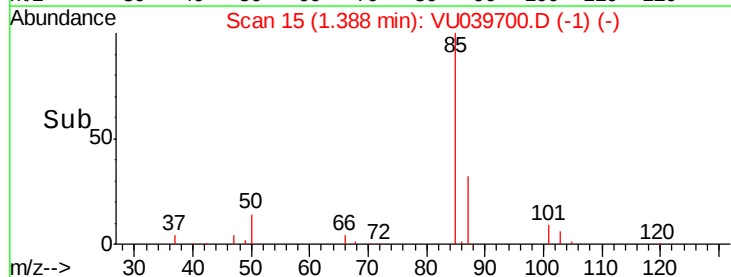
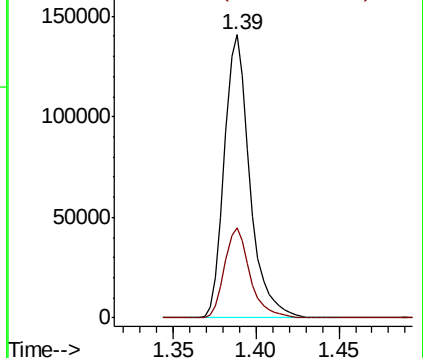
Tgt Ion: 85 Resp: 150146

Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.2	48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039699.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-7) (-)





#3

Chloromethane

Concen: 20.213 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

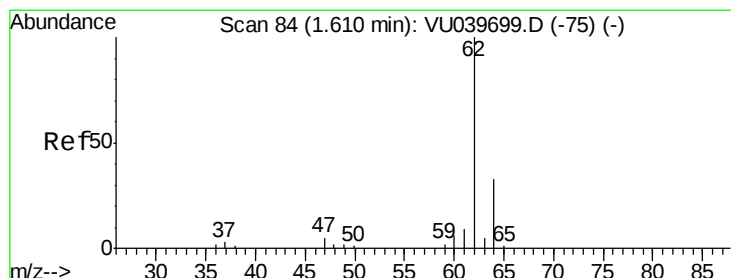
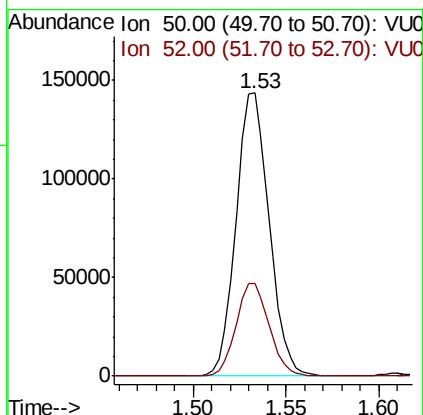
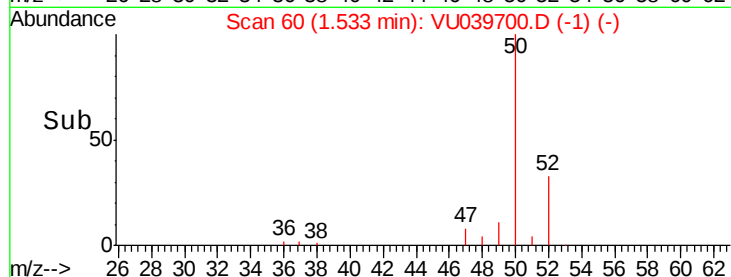
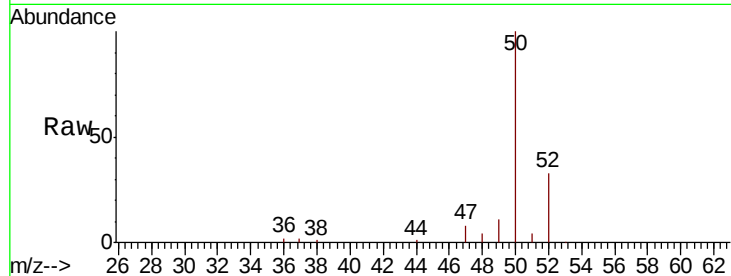
VSTDIC020

Tot Ion: 50 Resp: 178414

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 19.571 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039700.D

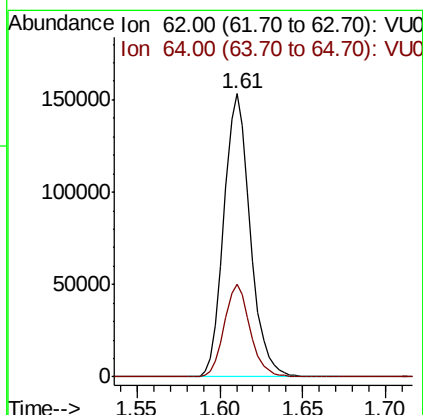
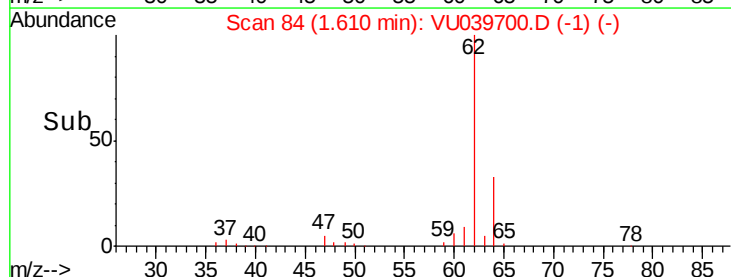
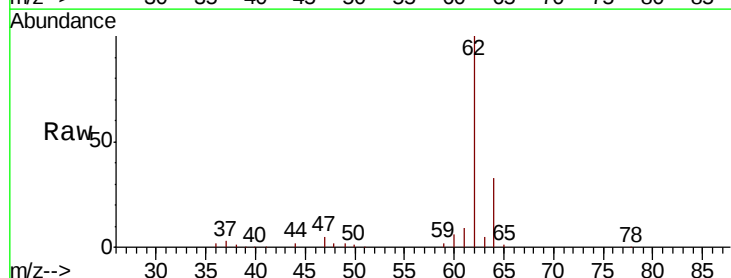
Acq: 29 Jul 2020 13:07

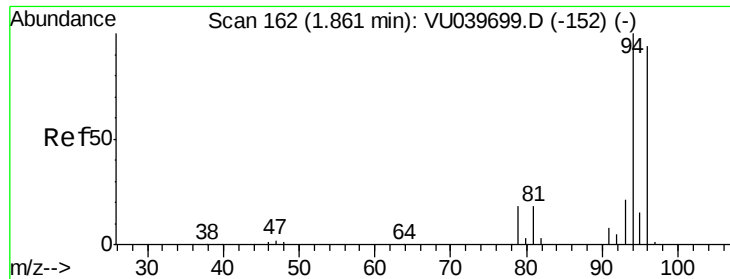
Tgt Ion: 62 Resp: 169253

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0

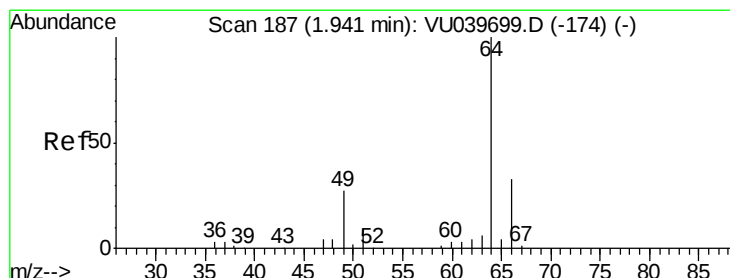
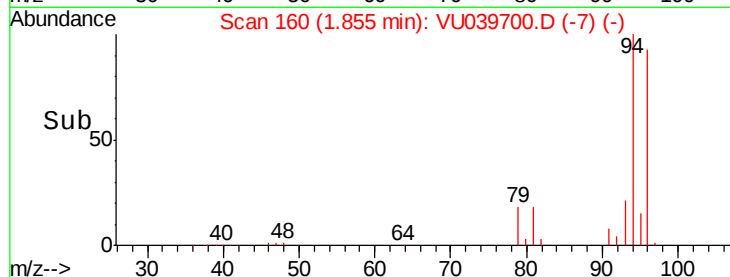
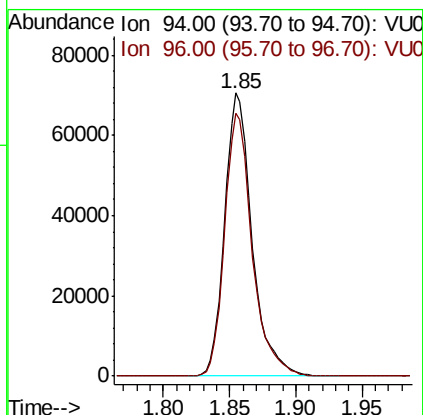
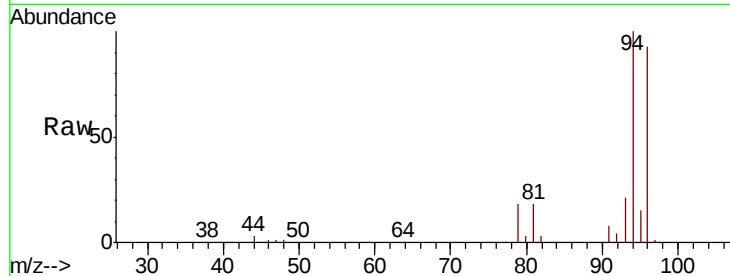




#5
Bromomethane
Concen: 18.916 ug/l
RT: 1.85 min Scan# 160
Delta R.T. -0.01 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

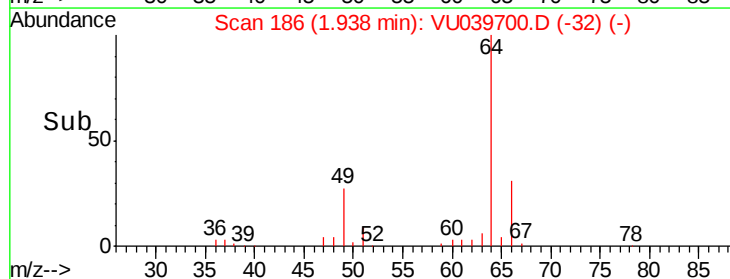
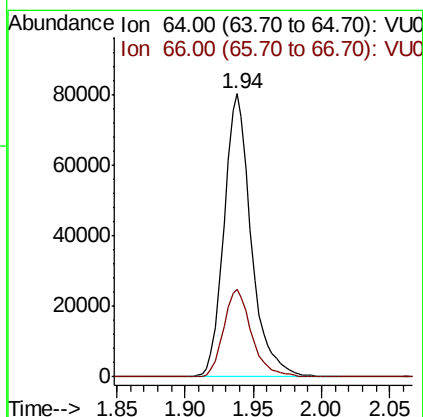
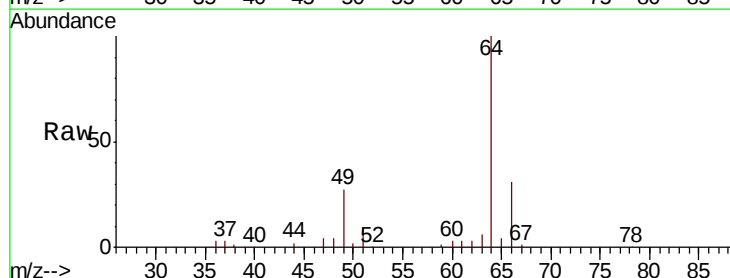
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

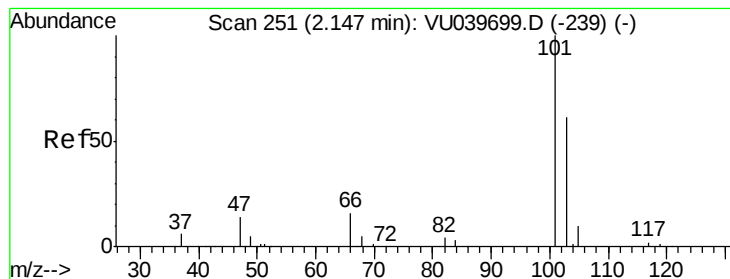
Tot Ion: 94 Resp: 101457
Ion Ratio Lower Upper
94 100
96 93.1 75.0 112.6



#6
Chloroethane
Concen: 20.878 ug/l
RT: 1.94 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 64 Resp: 110077
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.2



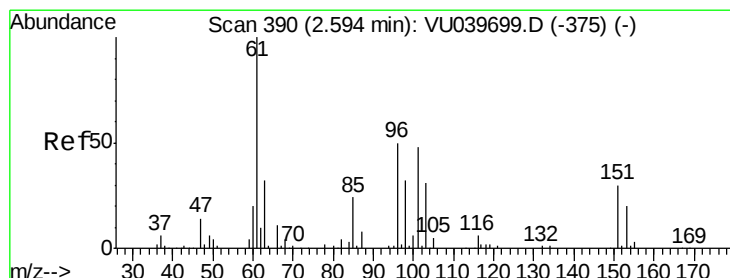
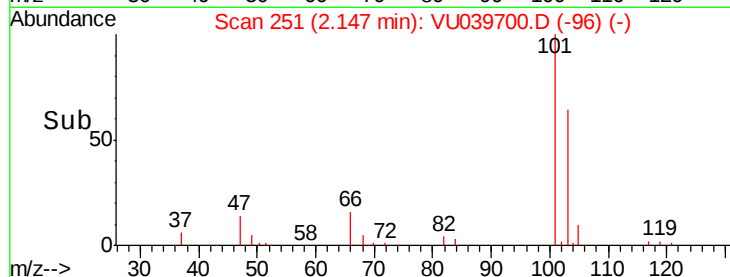
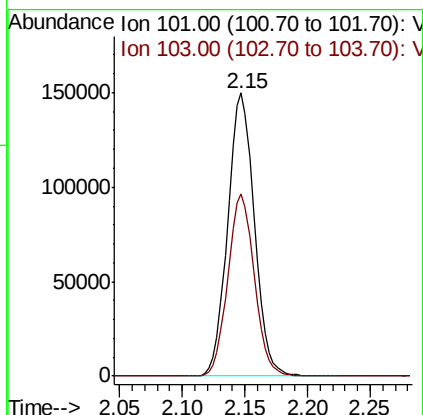
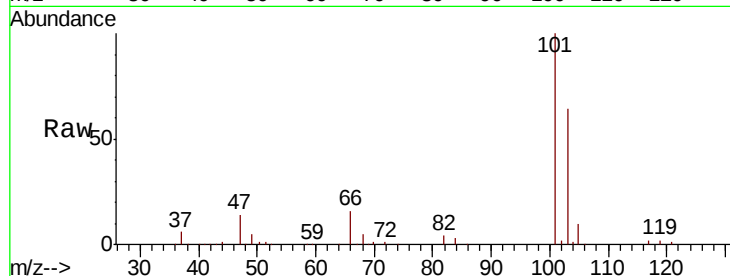


#7

Trichlorofluoromethane
 Concen: 23.436 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

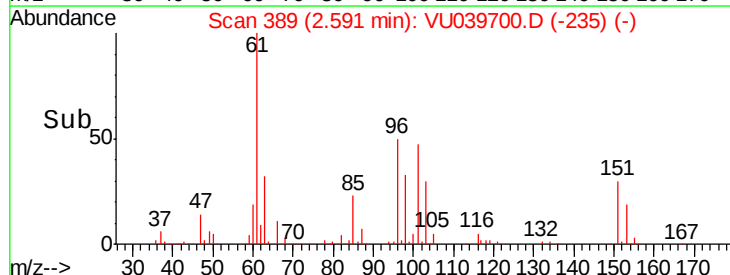
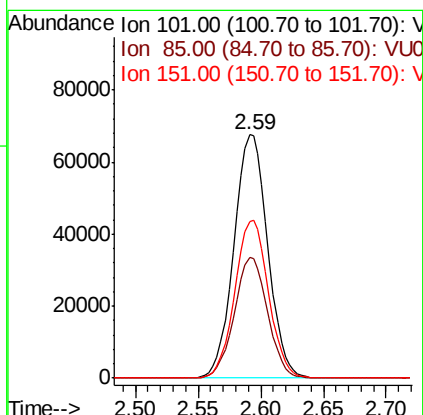
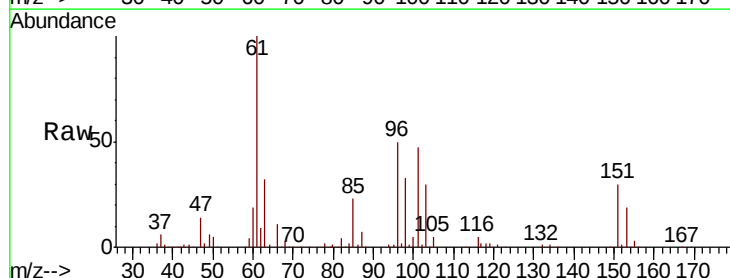
Tot Ion	101	Resp	220802
Ion Ratio	Lower	Upper	
101	100		
103	64.3	48.8	73.2

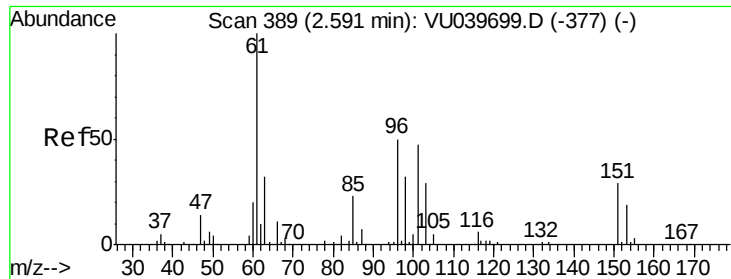


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.852 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	101	Resp	126295
Ion Ratio	Lower	Upper	
101	100		
85	48.9	39.9	59.9
151	64.8	51.0	76.4





#9

1,1-Dichloroethene

Concen: 20.482 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

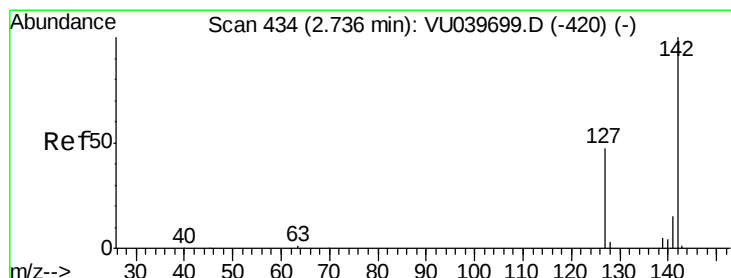
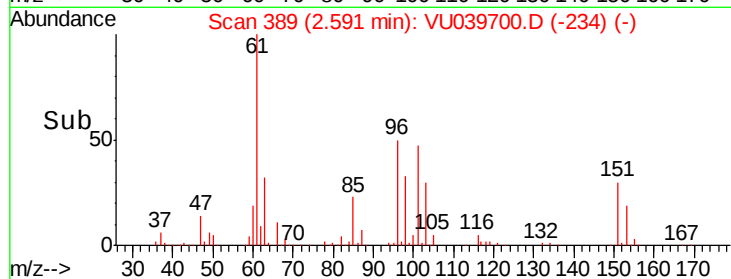
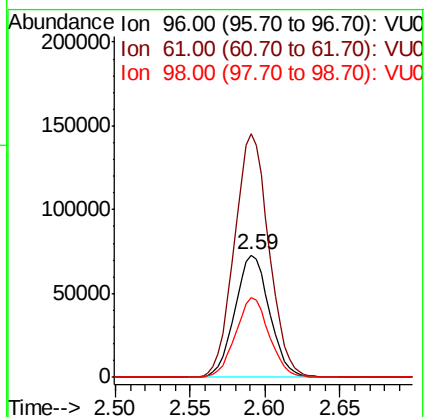
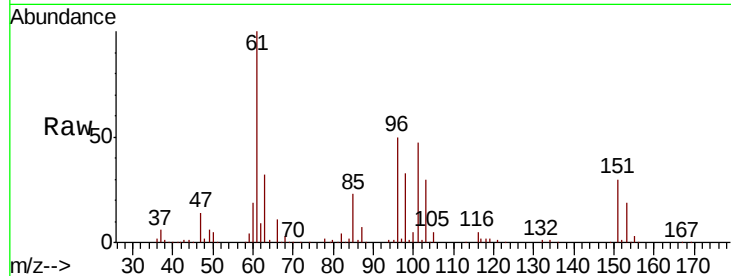
Tot Ion: 96 Resp: 117558

Ion Ratio Lower Upper

96 100

61 198.6 0.0 604.5

98 65.1 0.0 127.2



#10

Iodomethane

Concen: 39.152 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039700.D

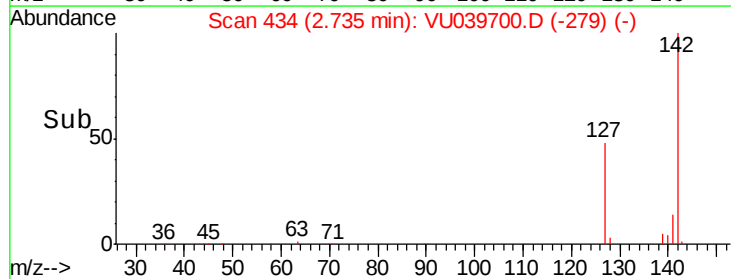
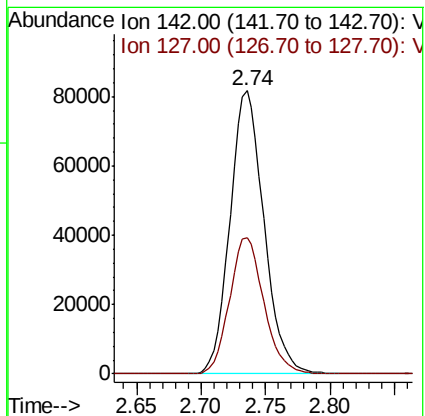
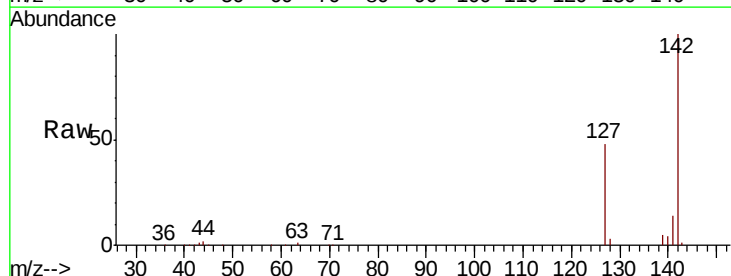
Acq: 29 Jul 2020 13:07

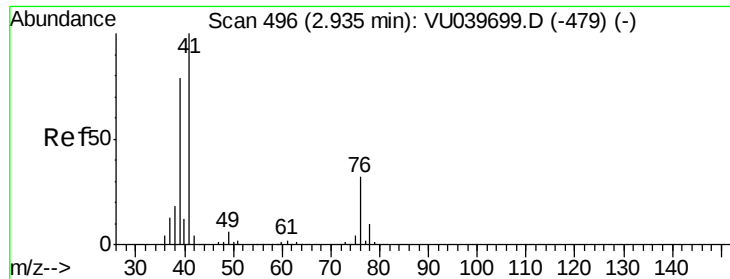
Tgt Ion:142 Resp: 149505

Ion Ratio Lower Upper

142 100

127 48.6 38.4 57.6

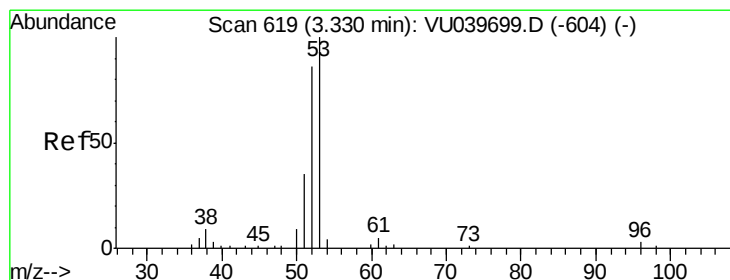
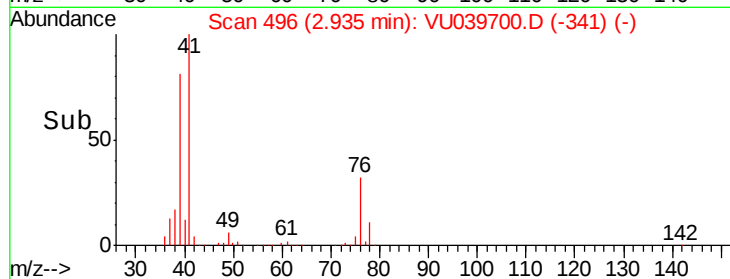
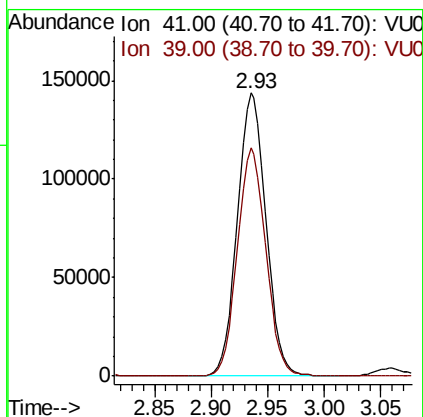
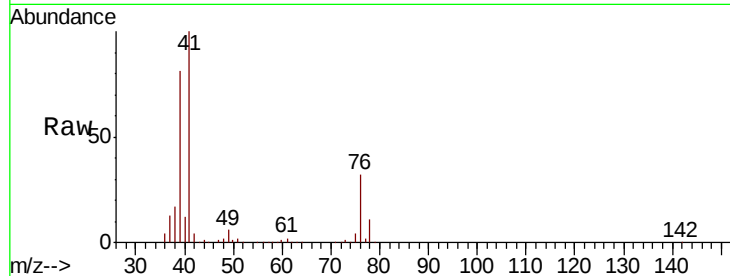




#11
Allvl Chloride
Concen: 23.390 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

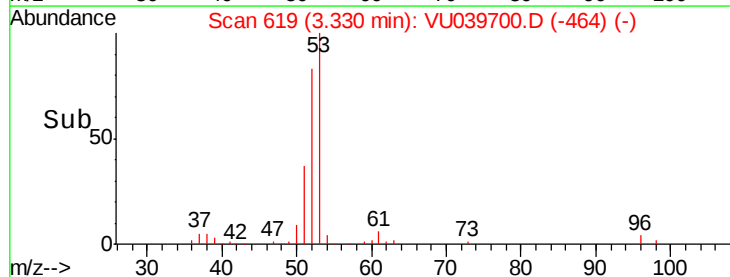
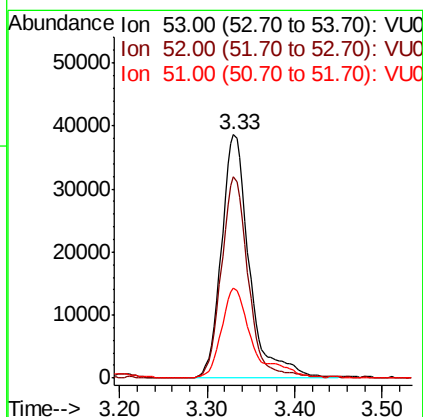
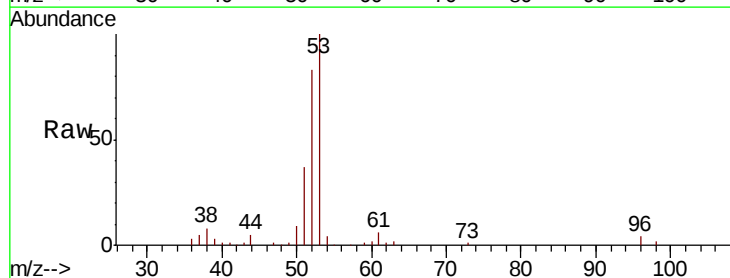
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

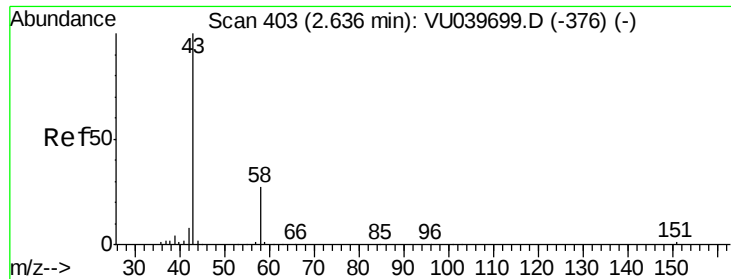
Tot Ion: 41 Resp: 254255
Ion Ratio Lower Upper
41 100
39 80.6 64.2 96.2



#12
Acrylonitrile
Concen: 52.881 ug/l
RT: 3.33 min Scan# 619
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 53 Resp: 86247
Ion Ratio Lower Upper
53 100
52 79.3 69.1 103.7
51 35.8 29.4 44.2





#13

Acetone

Concen: 135.167 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

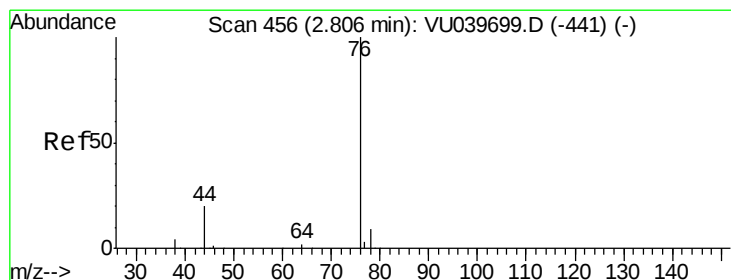
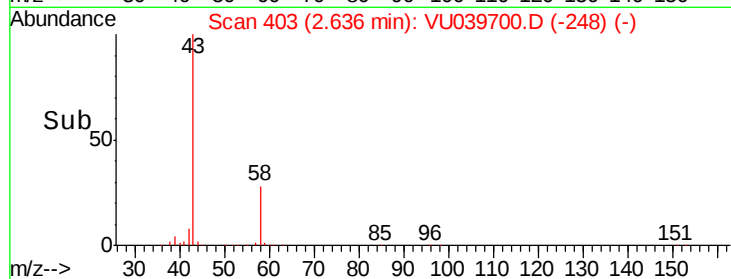
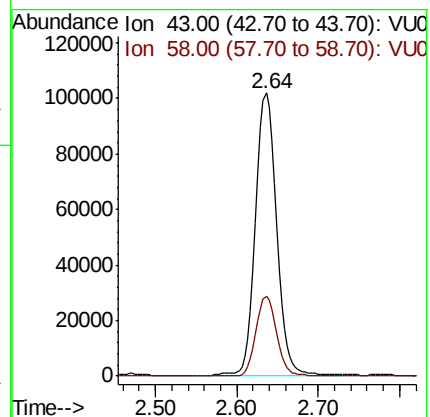
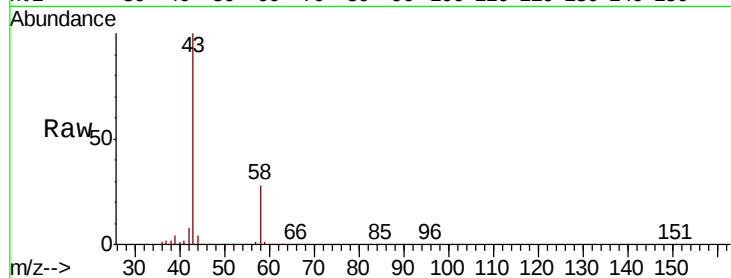
VSTDIC020

Tot Ion: 43 Resp: 182491

Ion Ratio Lower Upper

43 100

58 28.2 21.8 32.6



#14

Carbon Disulfide

Concen: 20.630 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039700.D

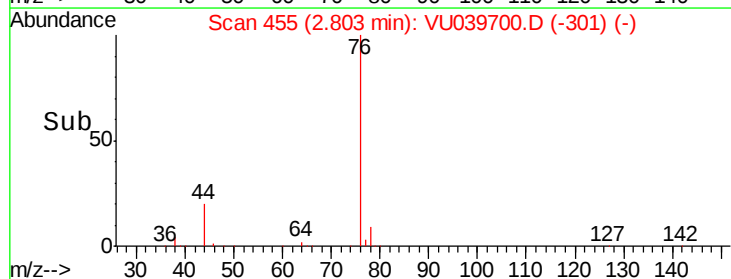
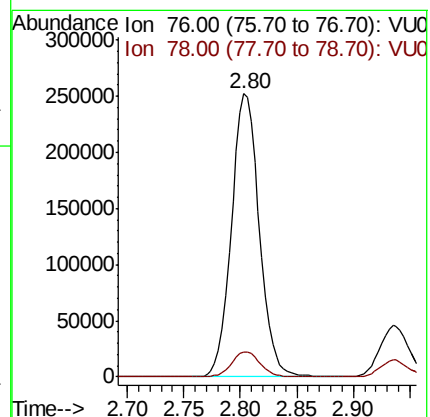
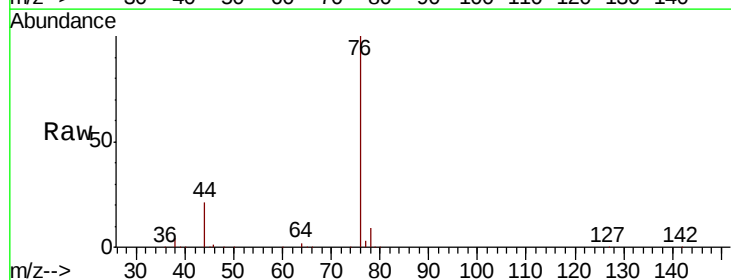
Acq: 29 Jul 2020 13:07

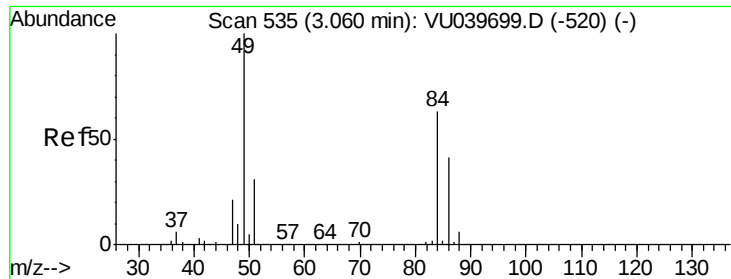
Tgt Ion: 76 Resp: 432277

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

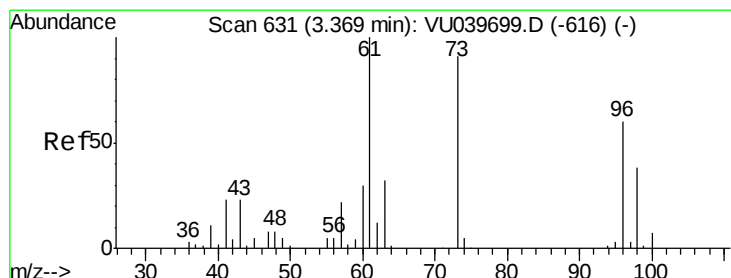
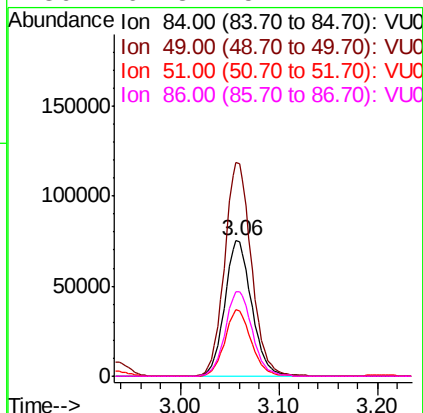
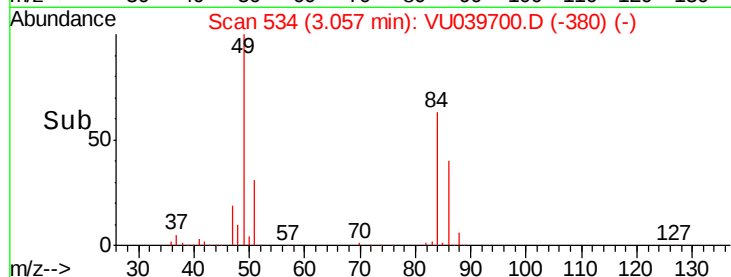
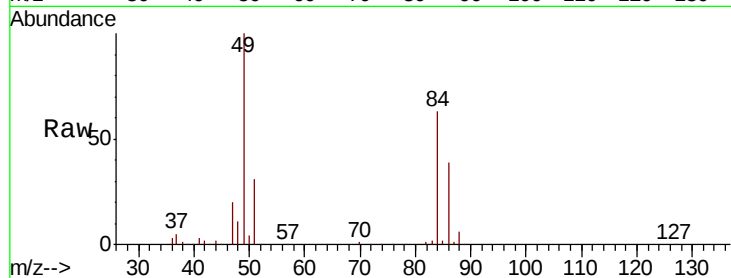




#15
Methvlene Chloride
Concen: 17.975 ug/l
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

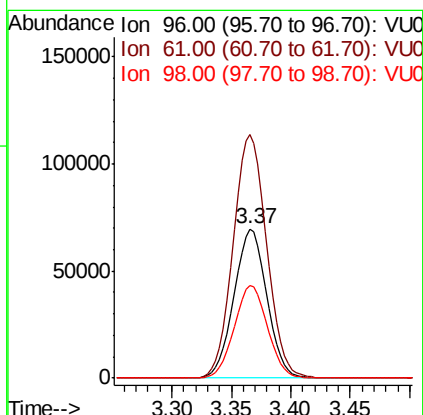
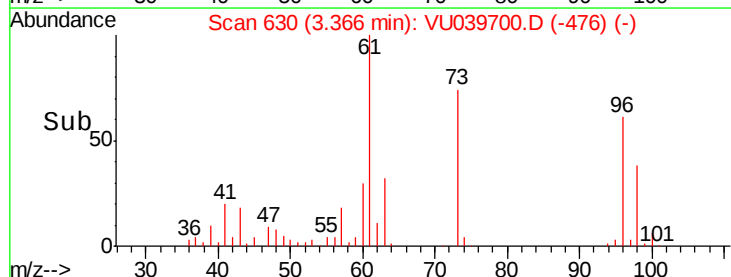
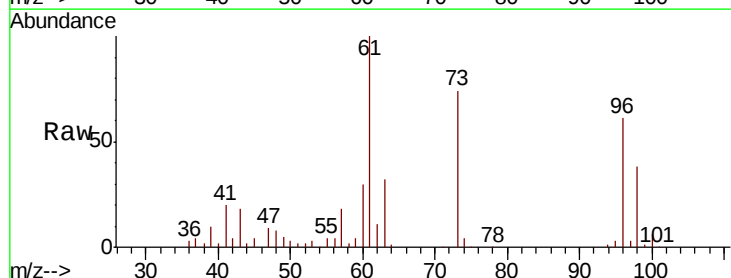
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

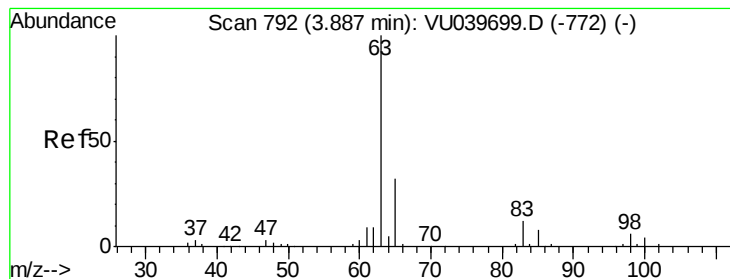
Tot Ion:	84	Resp:	143147
Ion	Ratio	Lower	Upper
84	100		
49	157.8	126.8	190.2
51	48.9	0.0	97.2
86	62.3	51.4	77.2



#16
trans-1,2-Dichloroethene
Concen: 21.231 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion:	96	Resp:	133702
Ion	Ratio	Lower	Upper
96	100		
61	163.3	132.6	199.0
98	62.5	50.2	75.2





#17

1,1-Dichloroethane

Concen: 23.405 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

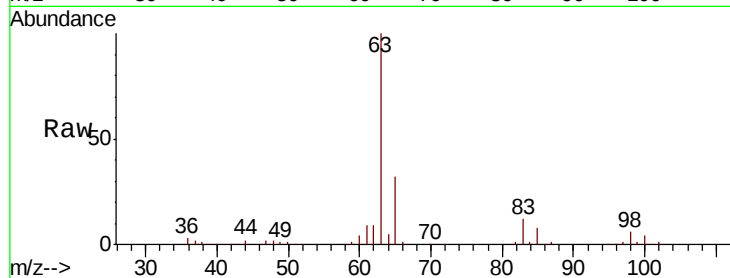
Tot Ion: 63 Resp: 287716

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

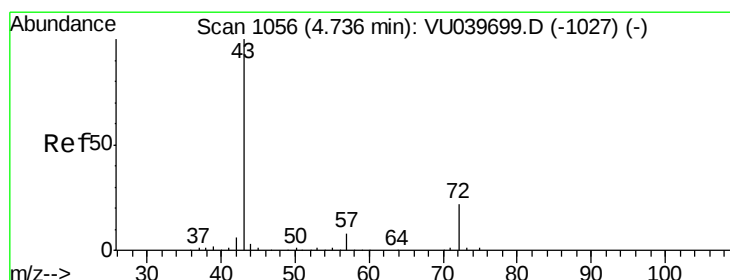
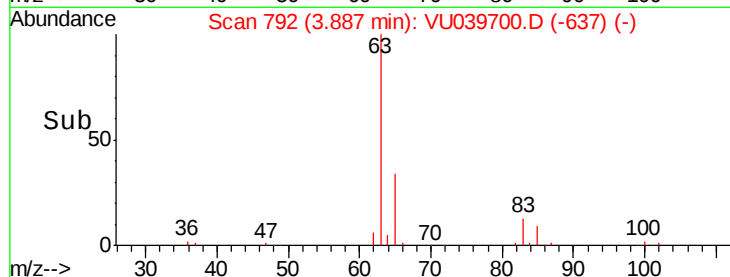
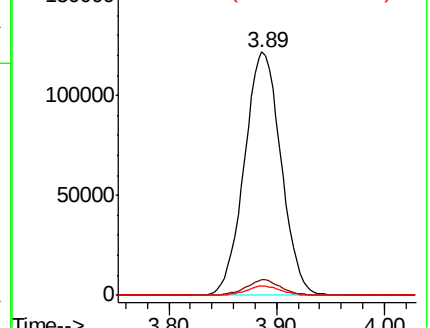
100 3.7 2.0 6.0



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: 152.238 ug/l

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU039700.D

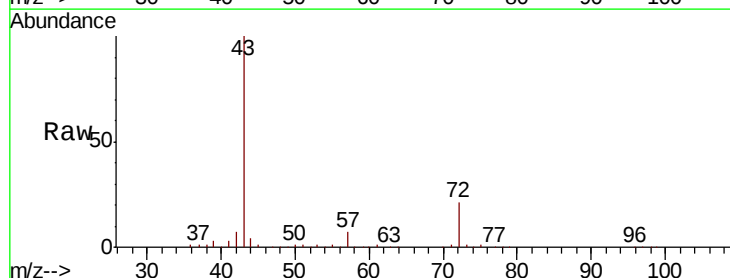
Acq: 29 Jul 2020 13:07

Tgt Ion: 43 Resp: 317109

Ion Ratio Lower Upper

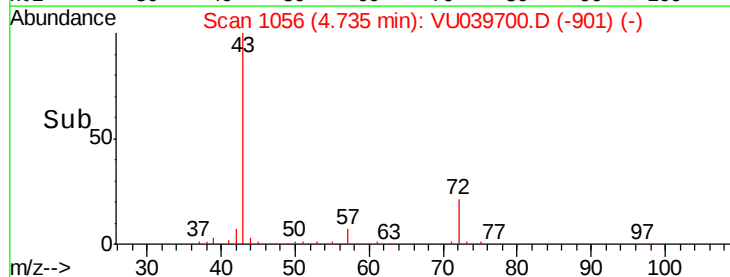
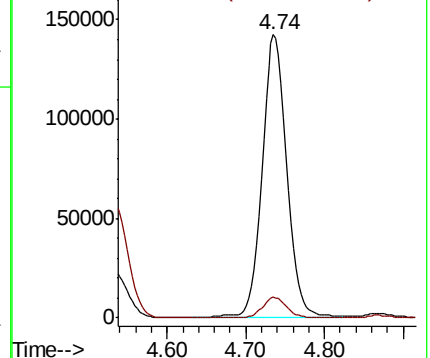
43 100

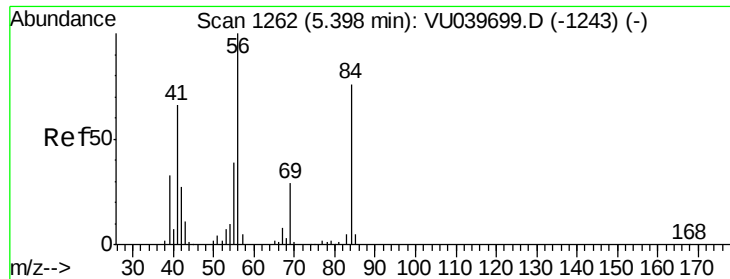
57 7.1 0.0 15.2



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

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

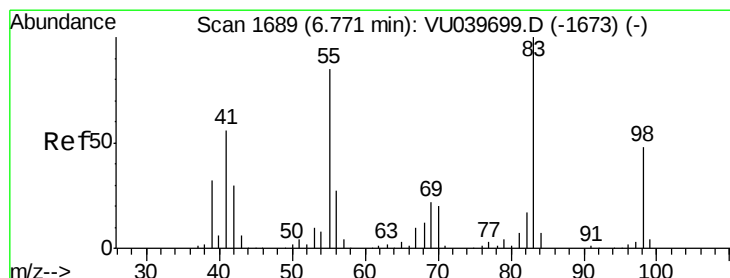
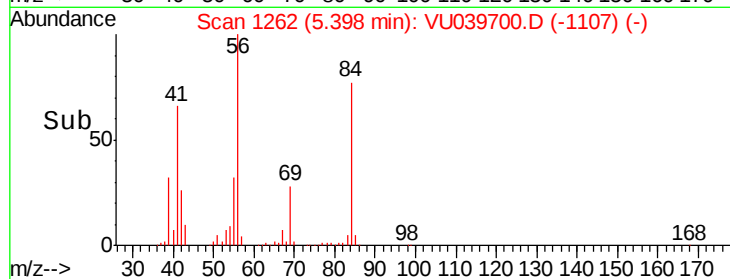
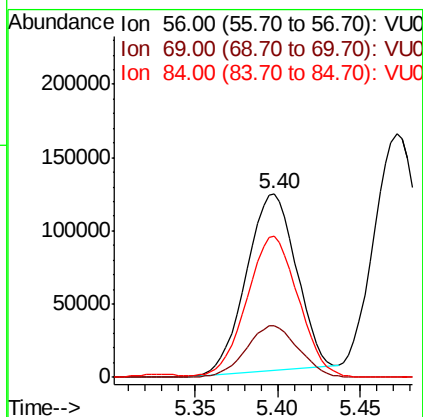
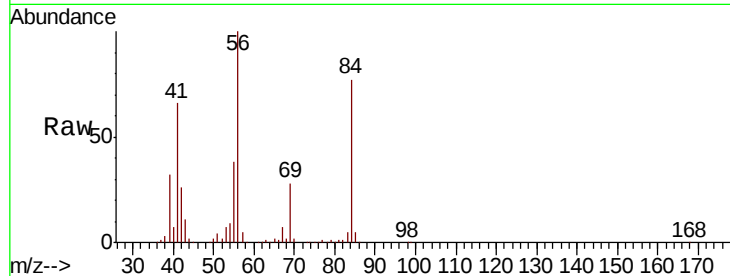




#19
Cyclohexane
Concen: 21.444 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

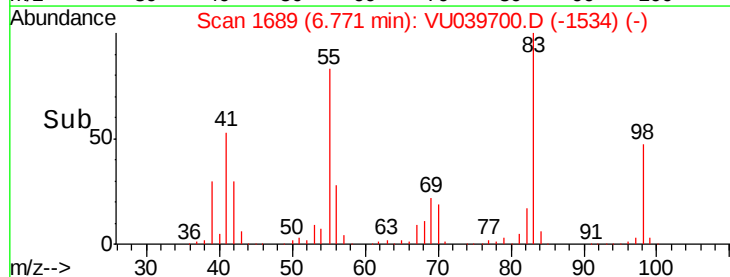
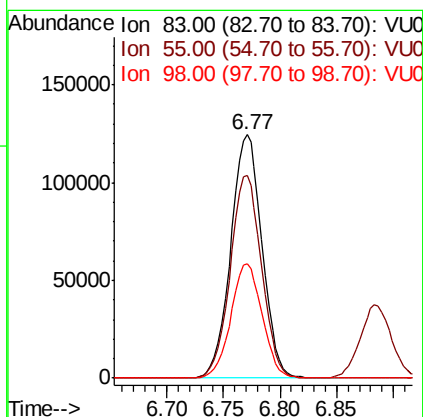
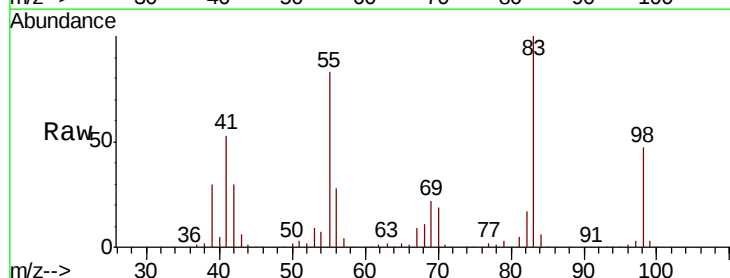
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

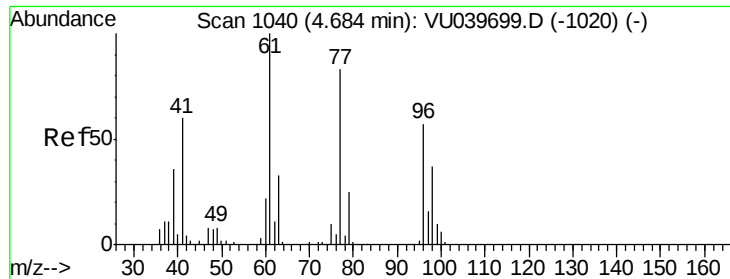
Tot Ion: 56 Resp: 253672
Ion Ratio Lower Upper
56 100
69 30.7 22.8 34.2
84 81.3 59.9 89.9



#20
Methylcyclohexane
Concen: 21.268 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 83 Resp: 238045
Ion Ratio Lower Upper
83 100
55 83.5 67.6 101.4
98 47.2 37.3 55.9

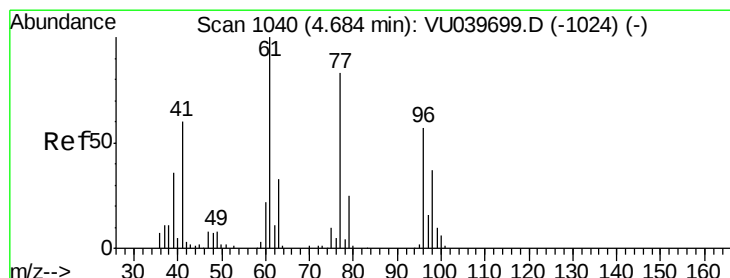
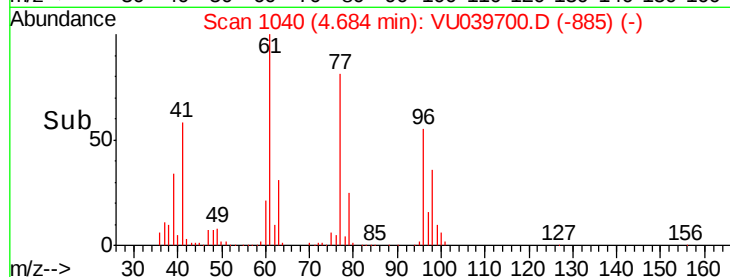
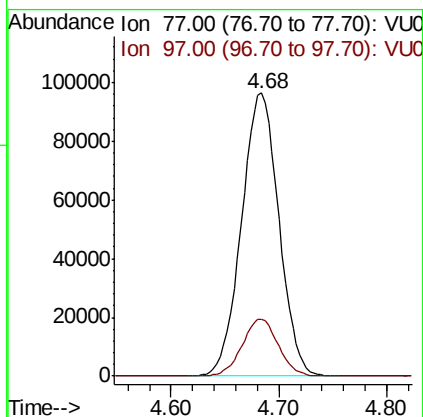
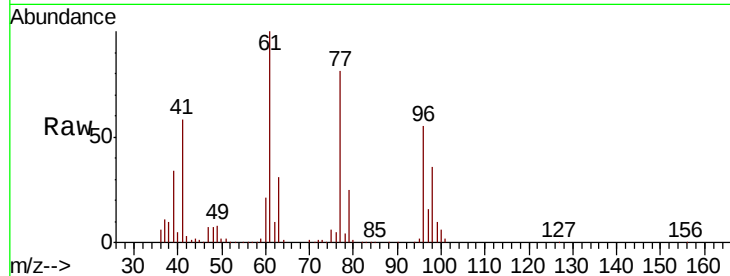




#21
 2,2-Dichloropropane
 Concen: 22.845 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

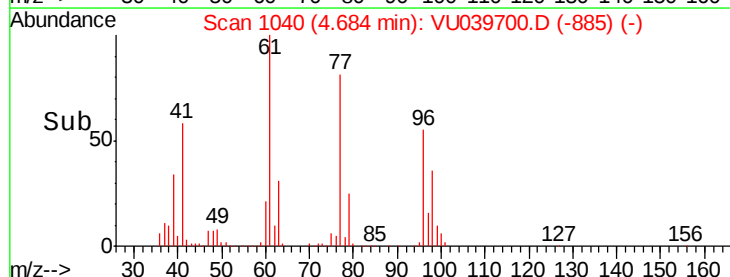
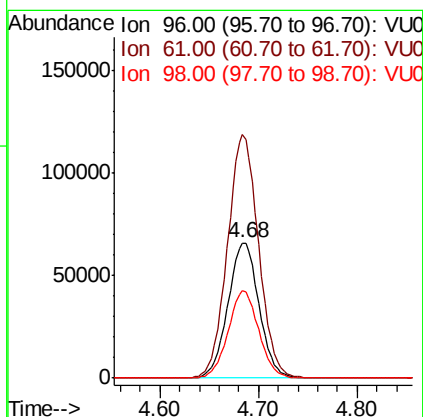
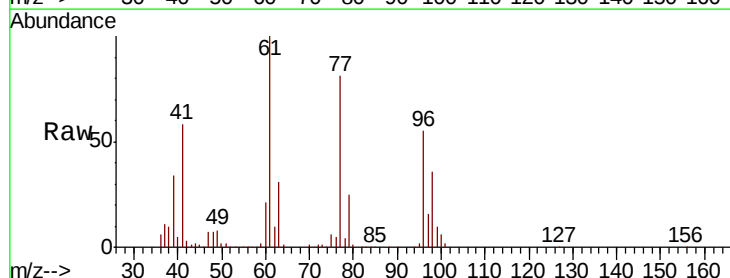
Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC020

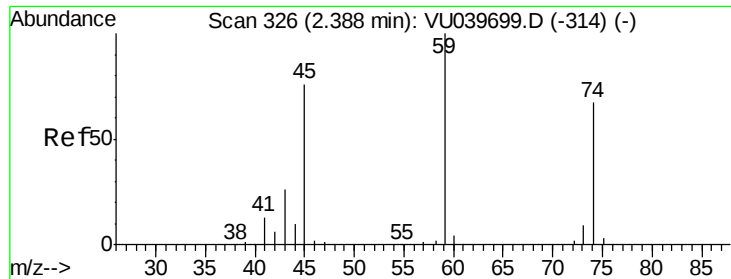
Tot Ion: 77 Resp: 232105
 Ion Ratio Lower Upper
 77 100
 97 19.5 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 21.689 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 96 Resp: 144739
 Ion Ratio Lower Upper
 96 100
 61 180.2 0.0 451.3
 98 63.7 32.6 98.0

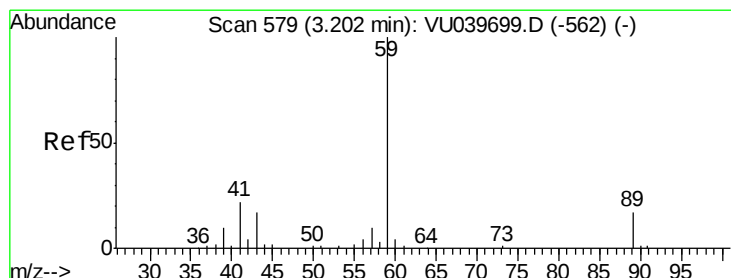
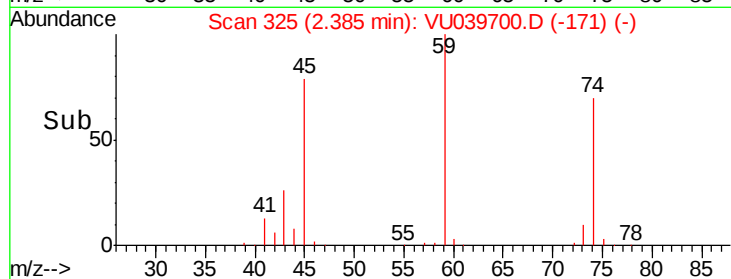
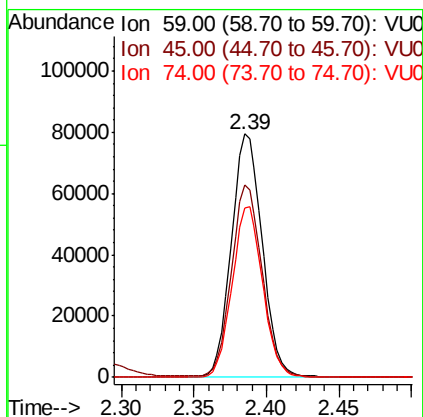
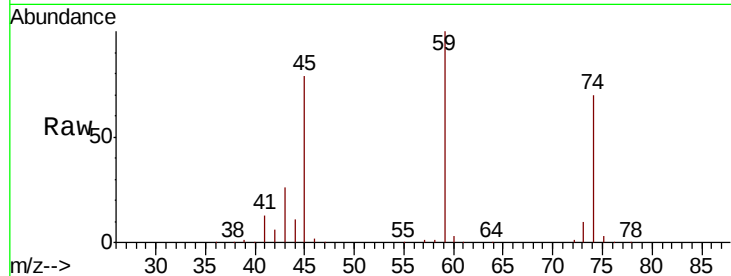




#23
Diethyl Ether
Concen: 22.872 ug/l
RT: 2.39 min Scan# 325
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

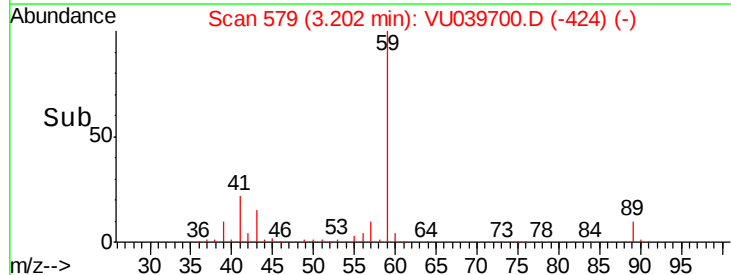
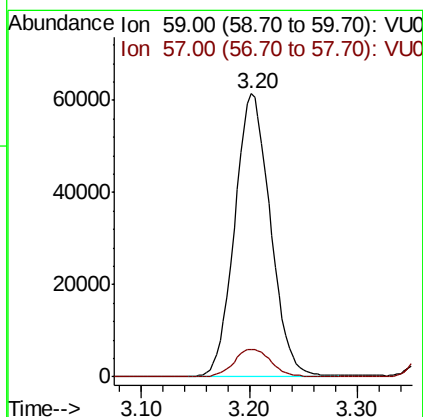
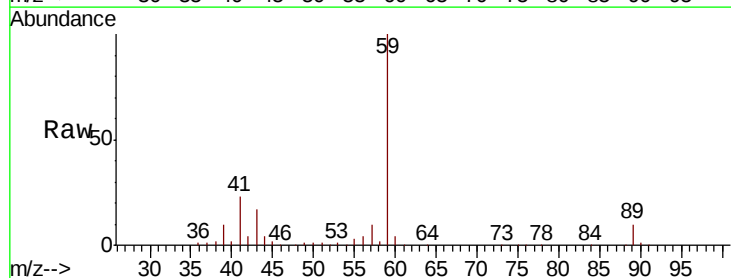
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

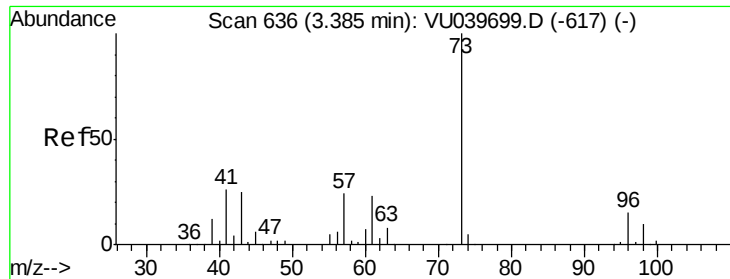
Tot Ion: 59 Resp: 117693
Ion Ratio Lower Upper
59 100
45 78.3 61.5 92.3
74 69.2 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 242.166 ug/l
RT: 3.20 min Scan# 579
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 59 Resp: 142060
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6



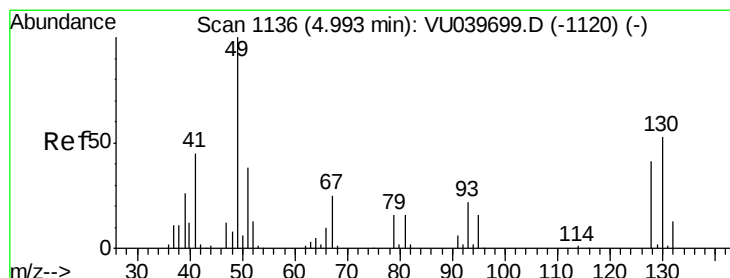
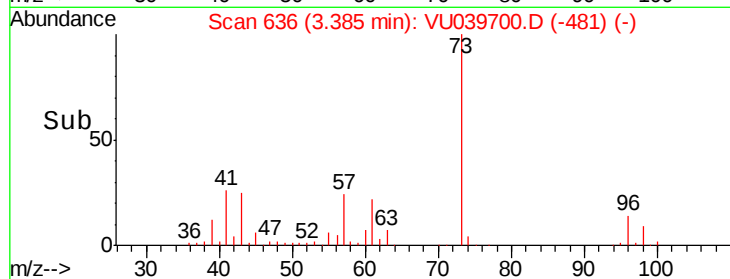
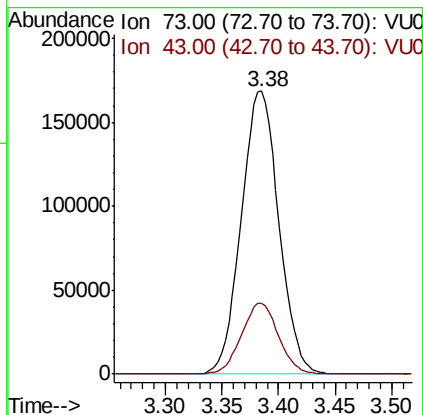
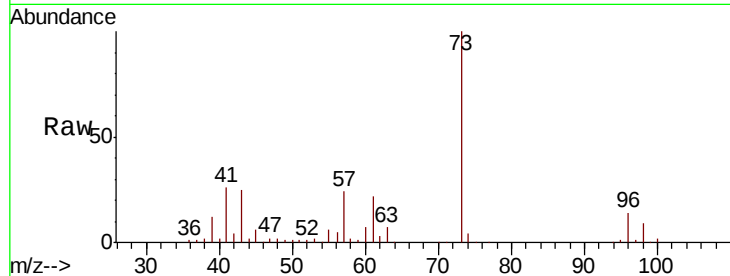


#25

Methyl tert-Butyl Ether
 Concen: 23.980 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

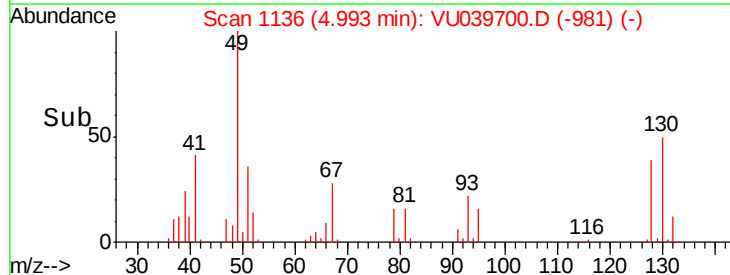
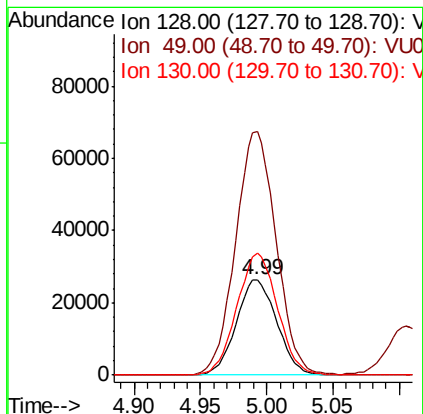
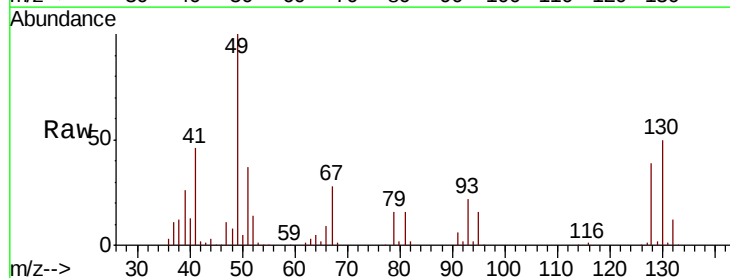
Tot Ion: 73 Resp: 389387
 Ion Ratio Lower Upper
 73 100
 43 24.5 20.1 30.1

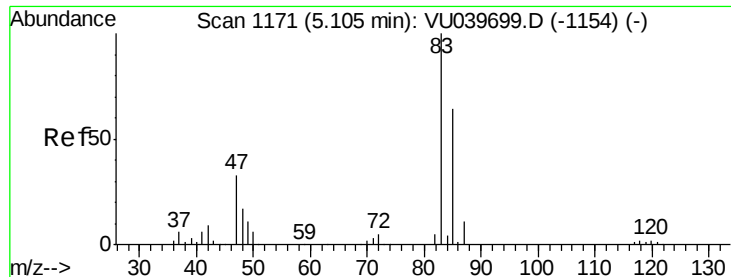


#26

Bromochloromethane
 Concen: 20.865 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 128 Resp: 56170
 Ion Ratio Lower Upper
 128 100
 49 255.8 0.0 503.8
 130 128.3 102.7 154.1

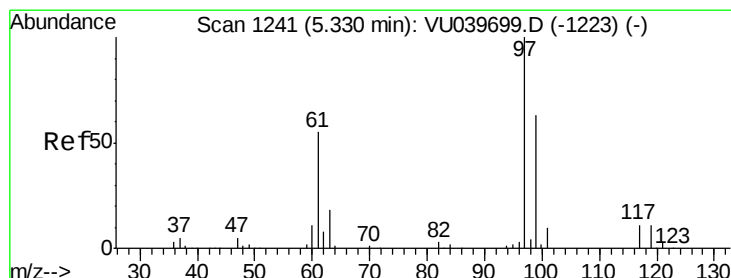
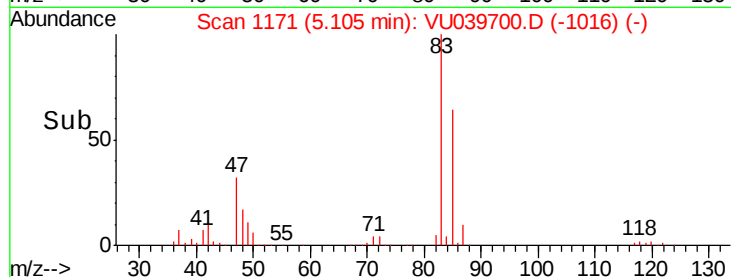
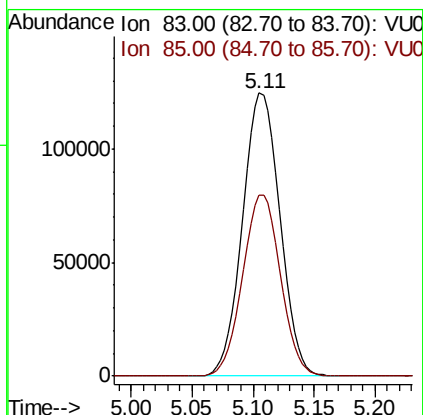
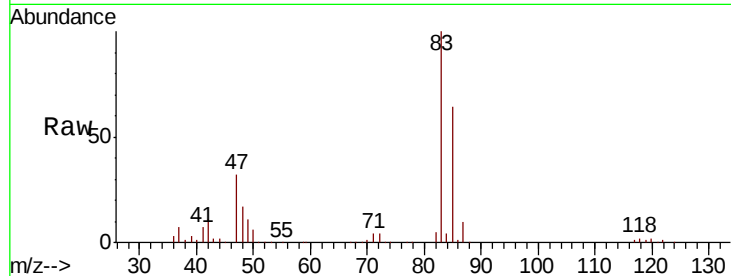




#27
Chloroform
Concen: 23.061 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

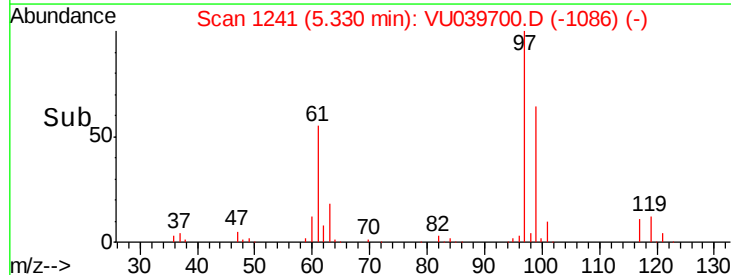
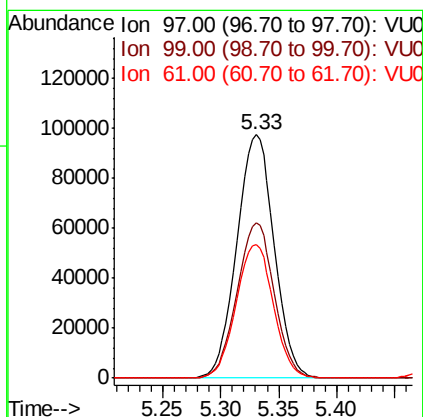
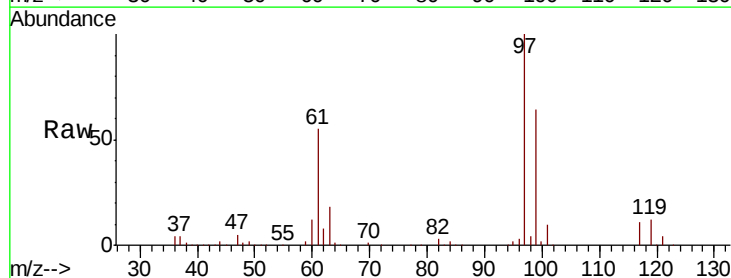
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

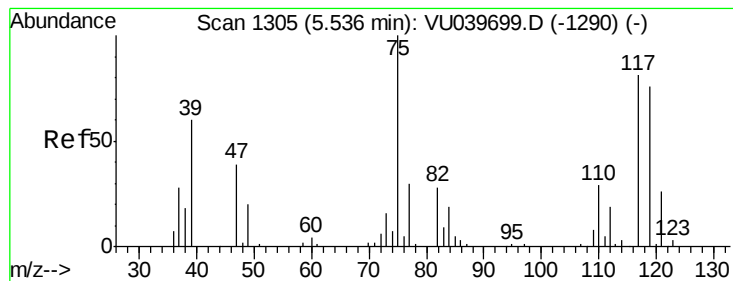
Tot Ion: 83 Resp: 264968
Ion Ratio Lower Upper
83 100
85 63.8 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 23.121 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 97 Resp: 217897
Ion Ratio Lower Upper
97 100
99 63.6 32.2 96.6
61 55.2 28.3 85.0





#29

1,1-Dichloropropene

Concen: 22.412 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

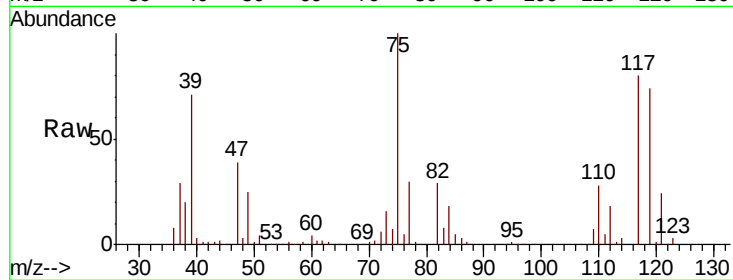
Tot Ion: 75 Resp: 210636

Ion Ratio Lower Upper

75 100

110 29.5 14.6 44.0

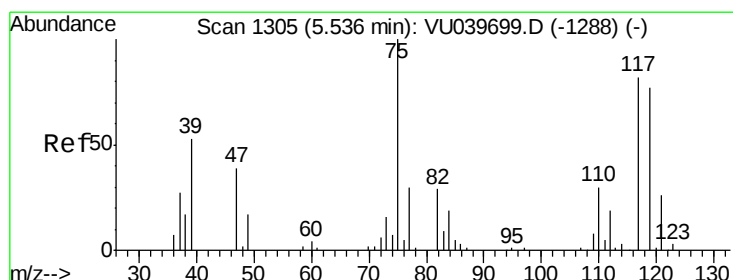
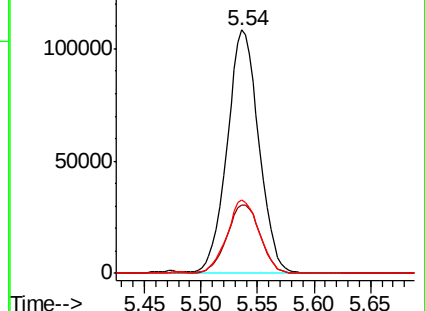
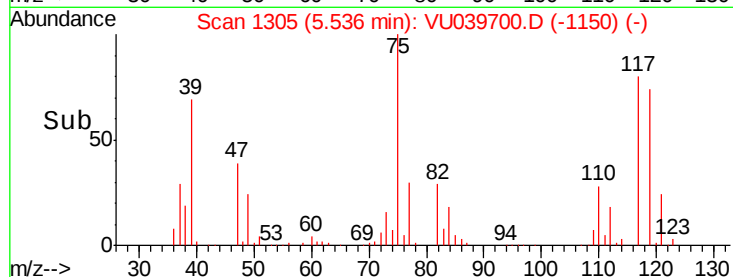
77 30.8 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU039699.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 23.478 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

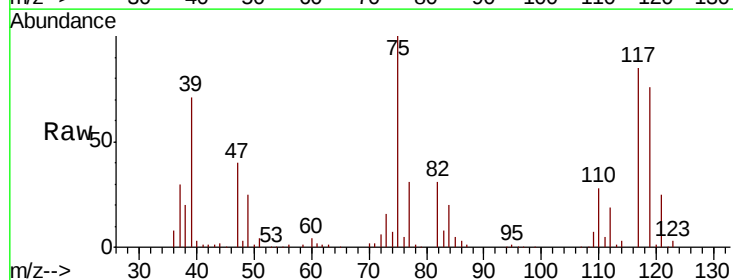
Tgt Ion: 117 Resp: 184423

Ion Ratio Lower Upper

117 100

119 90.4 75.2 112.8

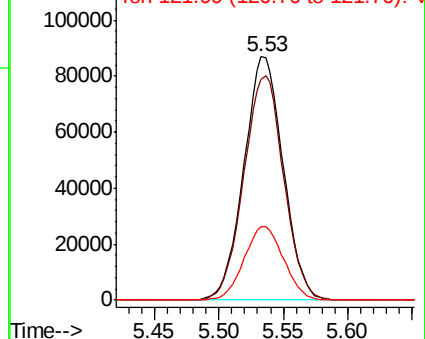
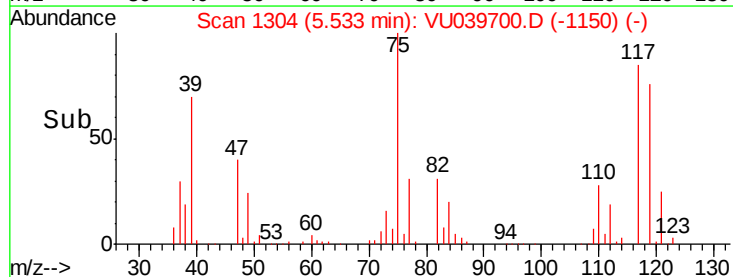
121 30.0 25.4 38.2

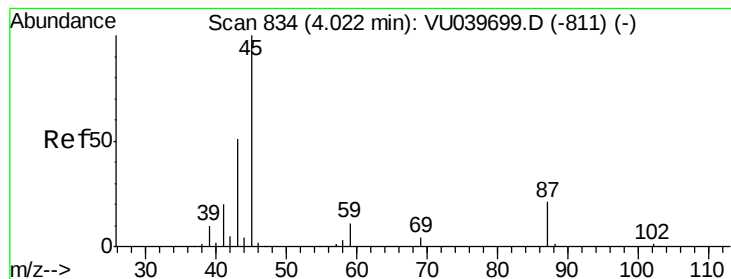


Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

Ion 119.00 (118.70 to 119.70): VU039699.D (-1288) (-)

Ion 121.00 (120.70 to 121.70): VU039699.D (-1288) (-)





#31

Isopropyl Ether

Concen: 26.184 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

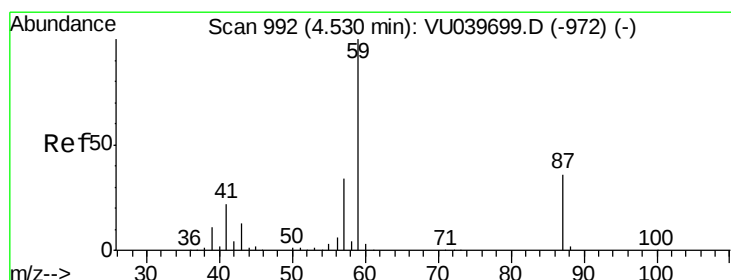
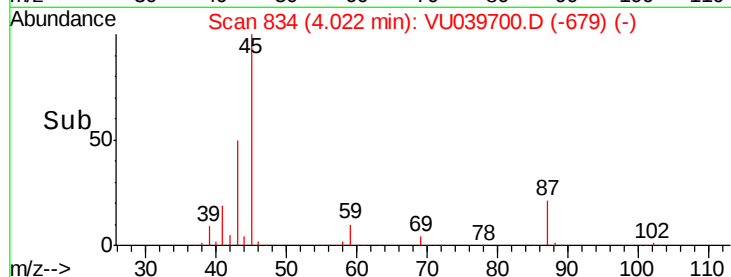
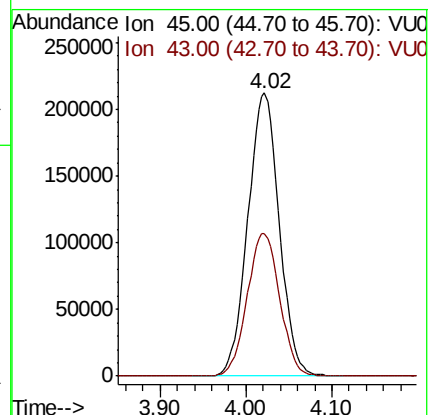
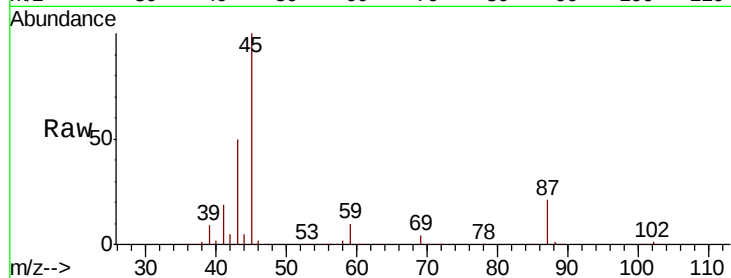
VSTDIC020

Tot Ion: 45 Resp: 539238

Ion Ratio Lower Upper

45 100

43 52.3 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 24.409 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039700.D

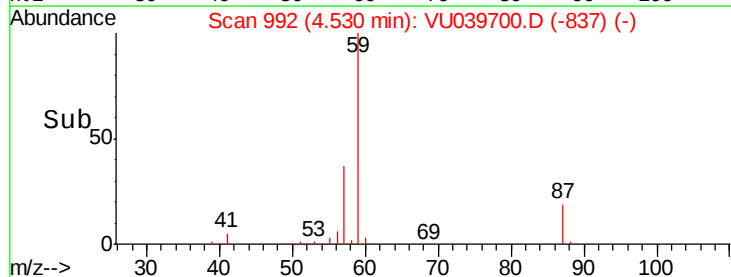
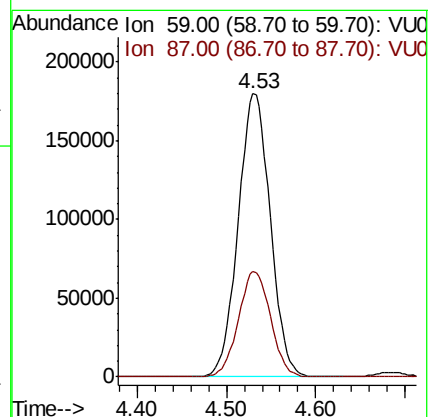
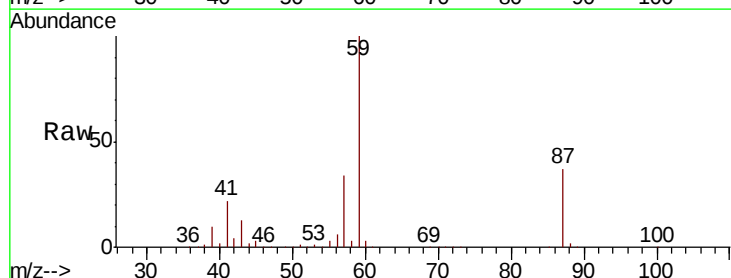
Acq: 29 Jul 2020 13:07

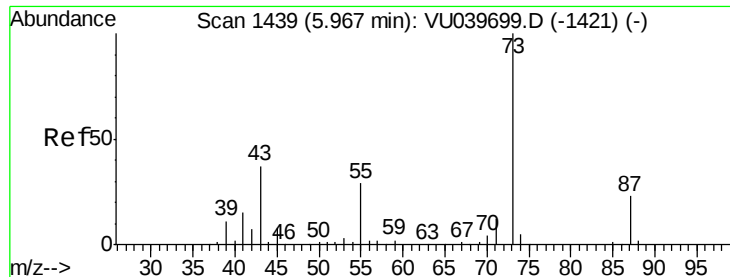
Tgt Ion: 59 Resp: 448243

Ion Ratio Lower Upper

59 100

87 37.3 29.4 44.0

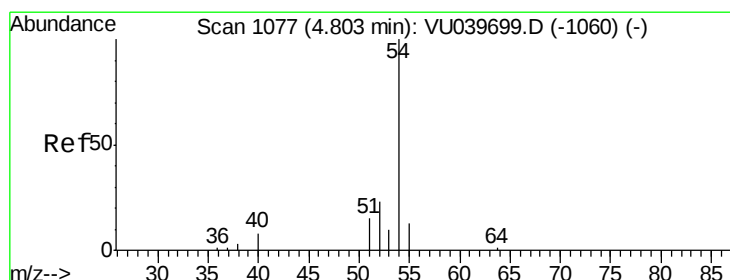
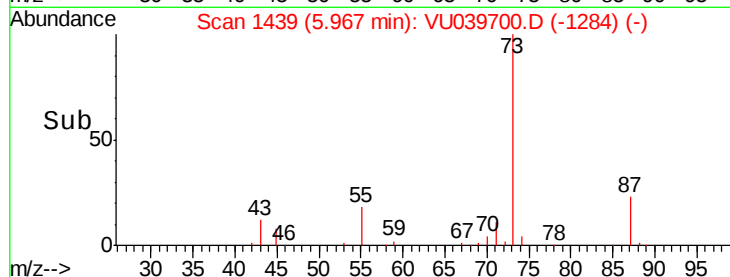
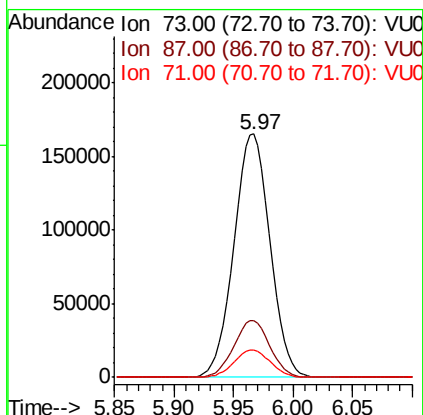
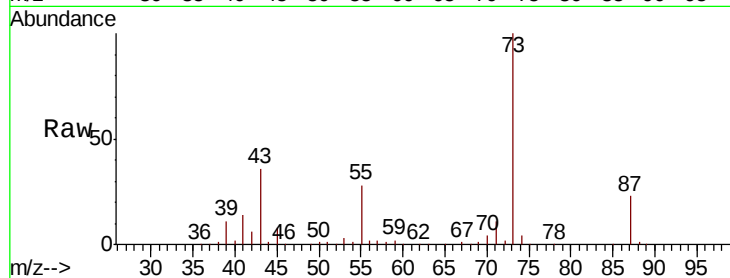




#33
Tert-Butyl methyl ether
Concen: 22.512 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

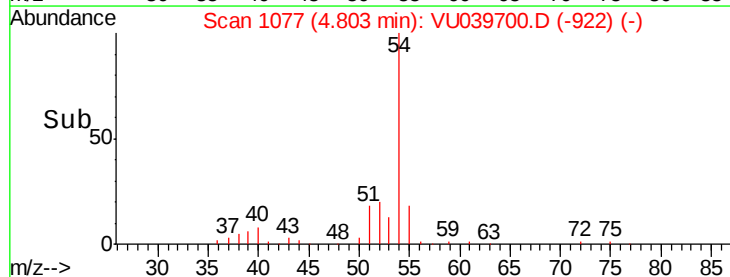
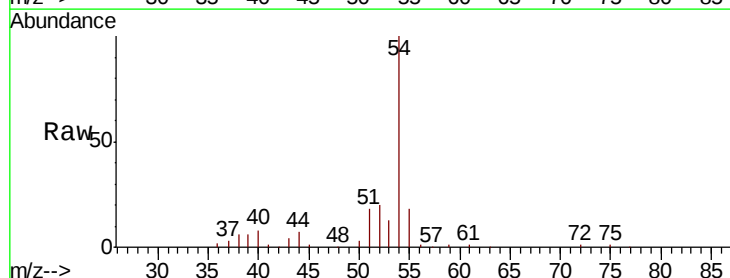
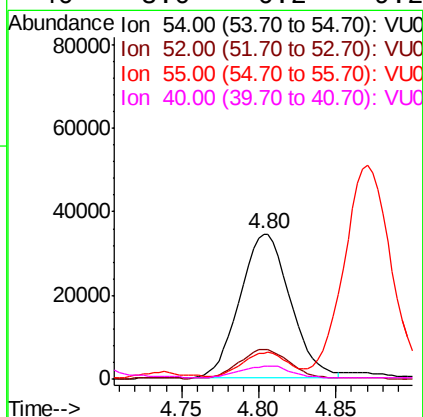
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

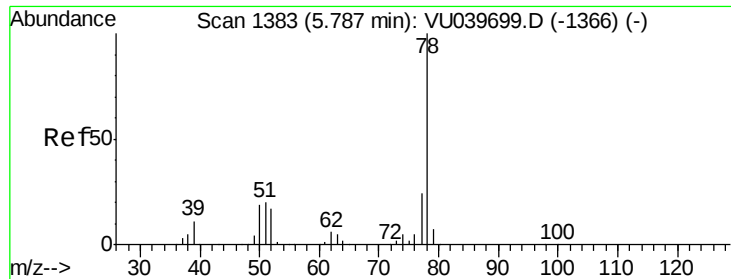
Tot Ion: 73 Resp: 346100
Ion Ratio Lower Upper
73 100
87 23.3 18.7 28.1
71 11.3 9.1 13.7



#34
Propionitrile
Concen: 134.683 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 54 Resp: 77941
Ion Ratio Lower Upper
54 100
52 20.1 16.9 25.3
55 17.0 12.9 19.3
40 8.0 6.2 9.2





#35

Benzene

Concen: 20.461 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

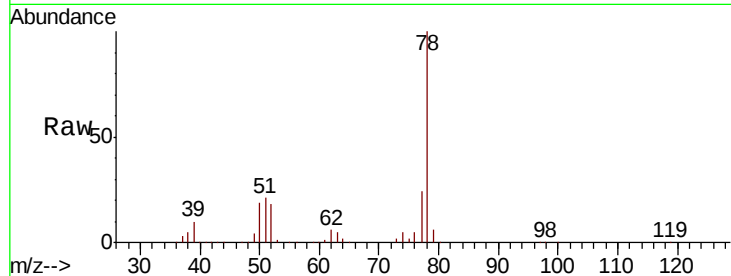
VSTDIC020

Tot Ion: 78 Resp: 527717

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8



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

Ion 77.00 (76.70 to 77.70): VU039700.D (-1228) (-)

5.79

250000

200000

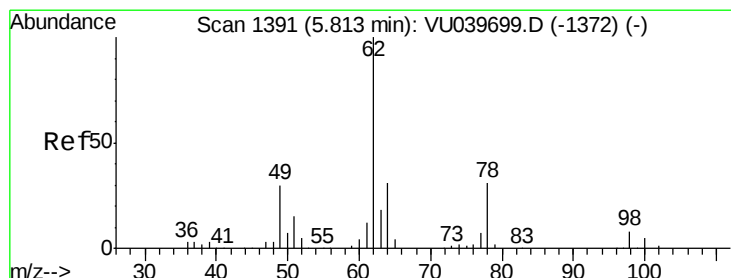
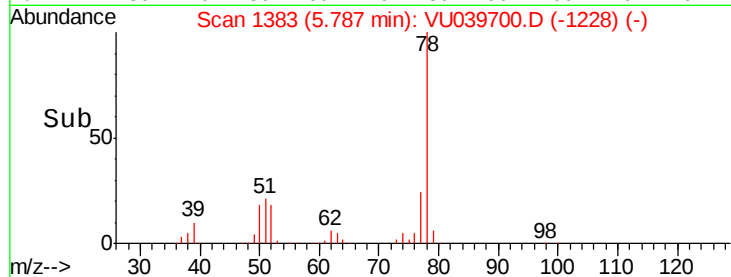
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 24.211 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039700.D

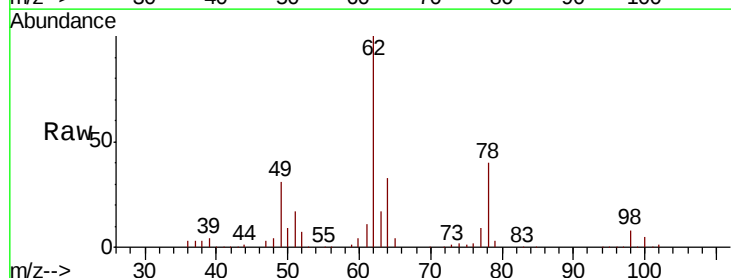
Acq: 29 Jul 2020 13:07

Tgt Ion: 62 Resp: 193175

Ion Ratio Lower Upper

62 100

98 7.8 6.2 9.2



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

Ion 98.00 (97.70 to 98.70): VU039700.D (-1236) (-)

5.81

100000

80000

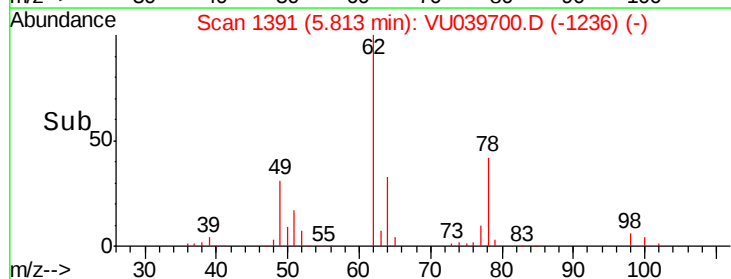
60000

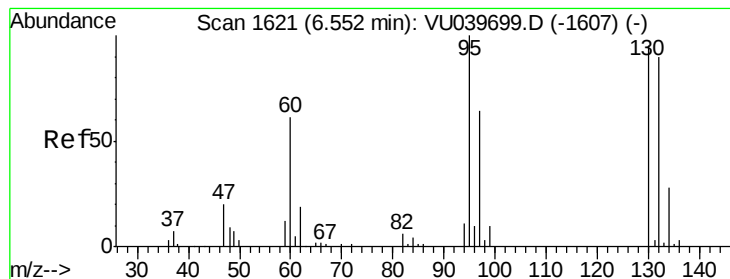
40000

20000

0

Time-->





#37

Trichloroethene

Concen: 18.312 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

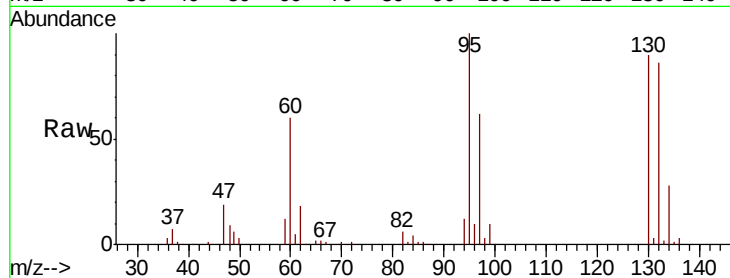
VSTDIC020

Tot Ion:130 Resp: 122290

Ion Ratio Lower Upper

130 100

95 111.4 84.3 126.5



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

Ion 94.90 (94.60 to 95.60): VU039700.D (-1466) (-)

6.55

80000

60000

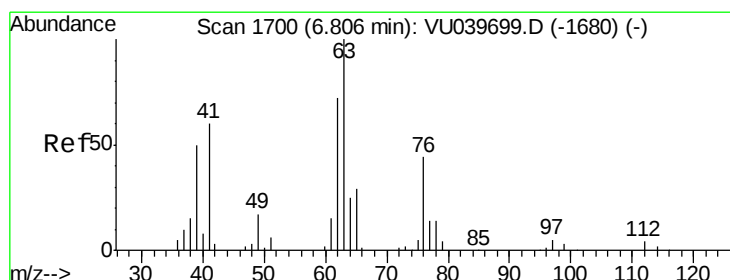
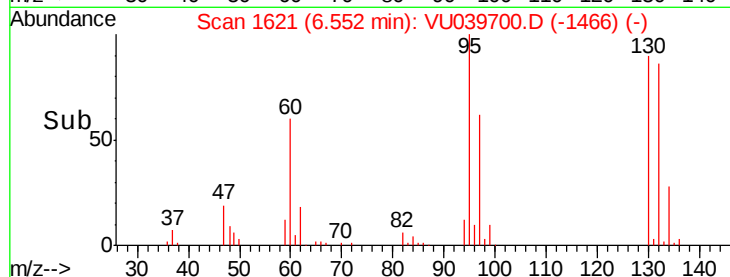
40000

20000

0

6.50 6.55 6.60

Time-->



#38

1,2-Dichloropropane

Concen: 21.256 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU039700.D

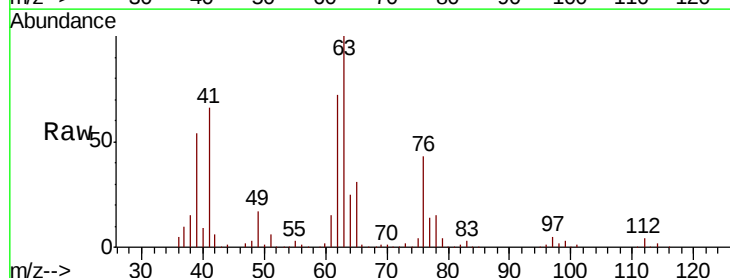
Acq: 29 Jul 2020 13:07

Tgt Ion: 63 Resp: 149663

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



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

Ion 65.00 (64.70 to 65.70): VU039700.D (-1545) (-)

6.81

80000

60000

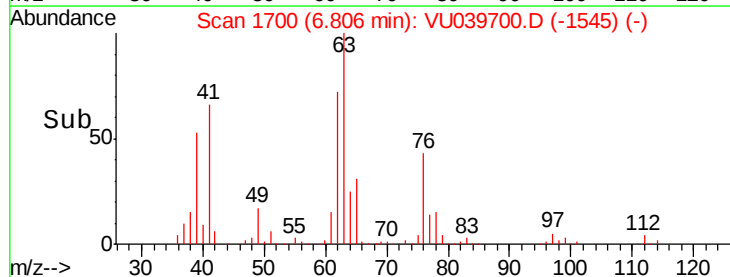
40000

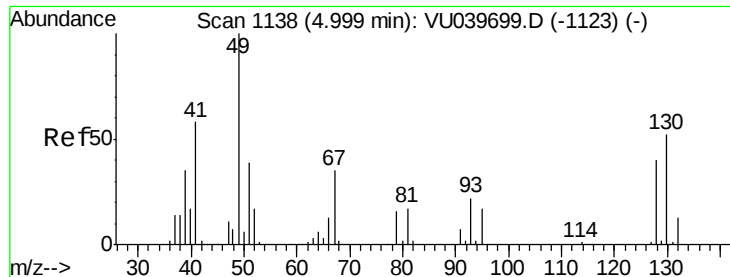
20000

0

6.70 6.75 6.80 6.85 6.90

Time-->

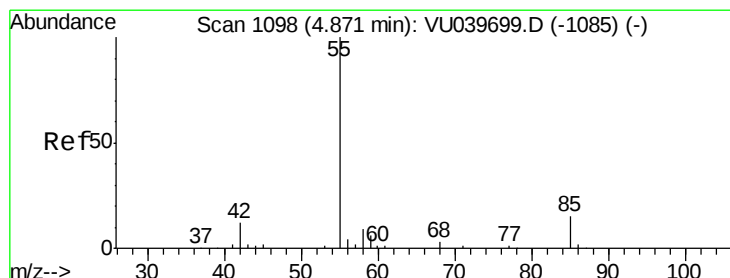
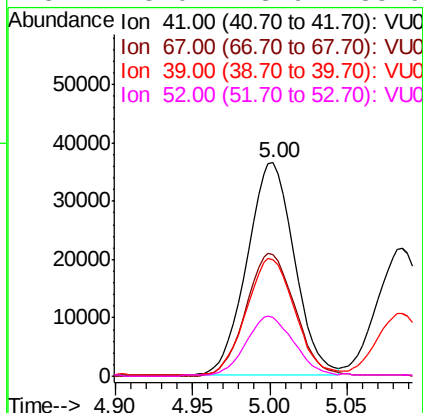
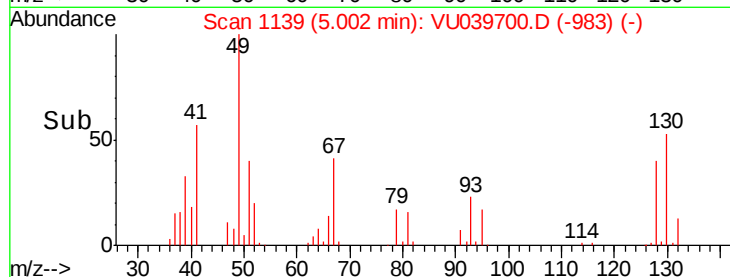
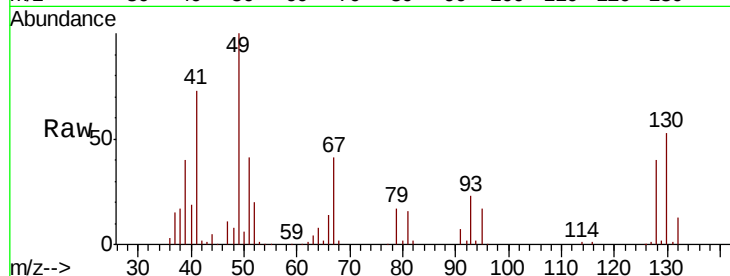




#39
Methacrylonitrile
Concen: 28.421 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

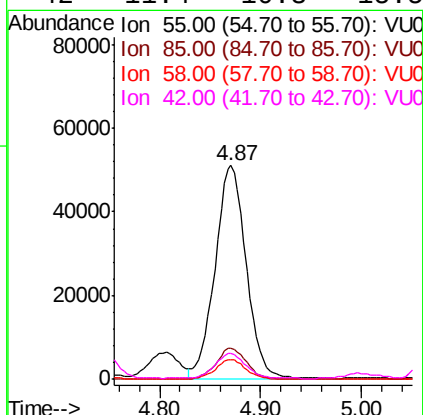
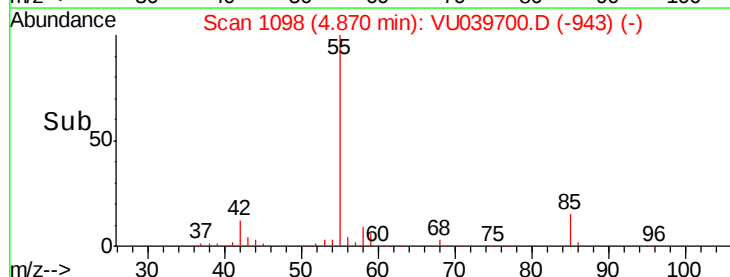
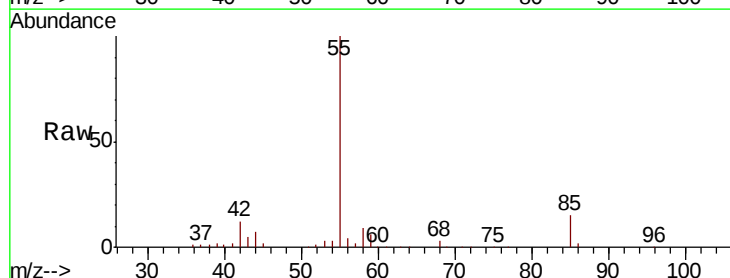
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

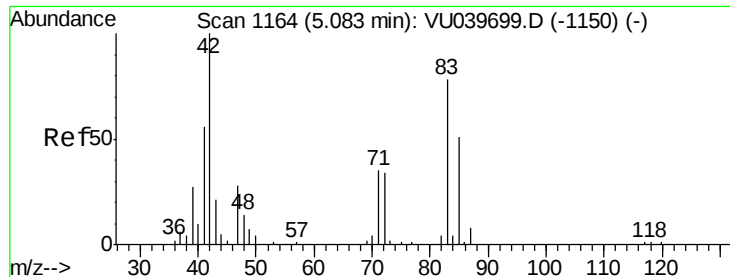
Tot Ion: 41 Resp: 77653
Ion Ratio Lower Upper
41 100
67 59.9 48.3 72.5
39 56.5 47.6 71.4
52 28.0 23.9 35.9



#40
Methyl acrylate
Concen: 27.592 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 55 Resp: 109497
Ion Ratio Lower Upper
55 100
85 14.1 11.4 17.0
58 8.8 7.4 11.0
42 11.4 10.3 15.5





#41

Tetrahydrofuran

Concen: 56.992 ug/l

RT: 5.09 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

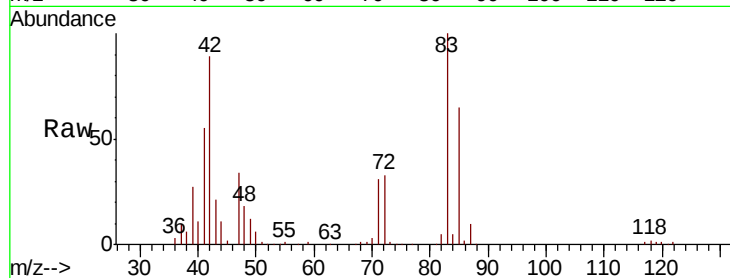
Tot Ion: 42 Resp: 78270

Ion Ratio Lower Upper

42 100

72 39.5 31.0 46.6

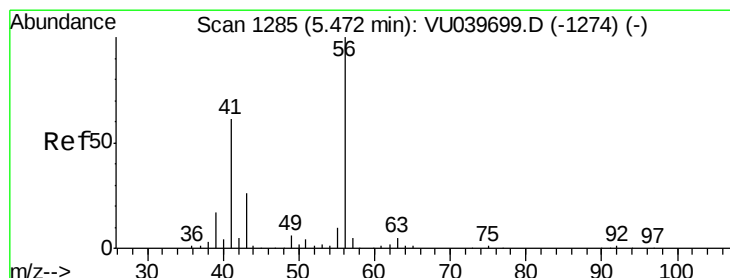
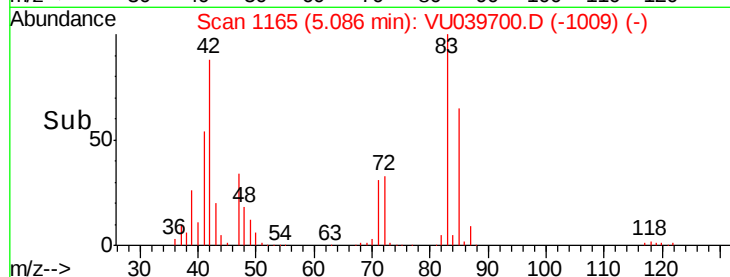
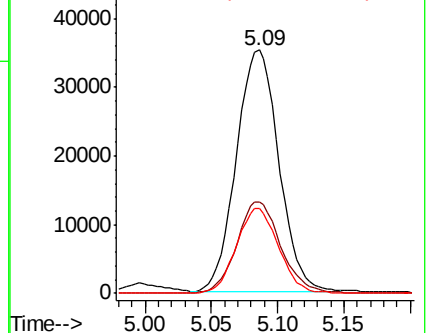
71 34.9 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039699.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039699.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039699.D (-1150) (-)



#42

1-Chlorobutane

Concen: 23.965 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039700.D

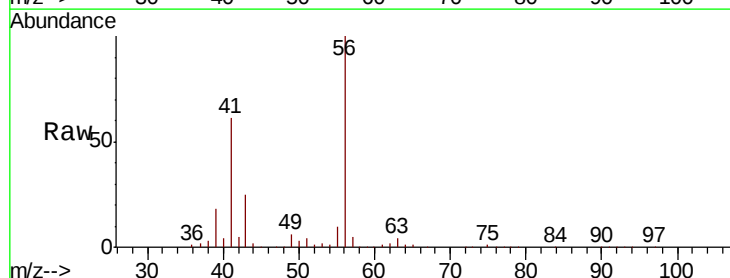
Acq: 29 Jul 2020 13:07

Tgt Ion: 56 Resp: 330294

Ion Ratio Lower Upper

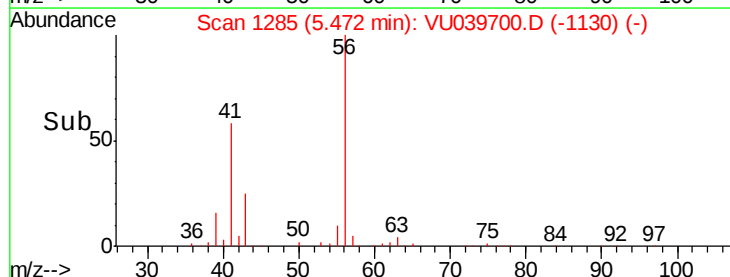
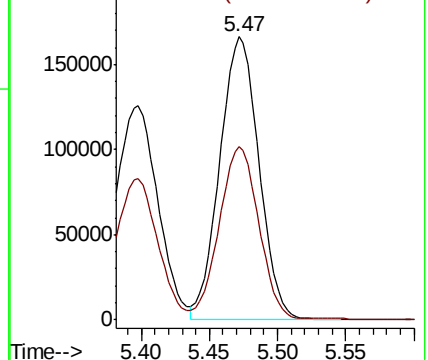
56 100

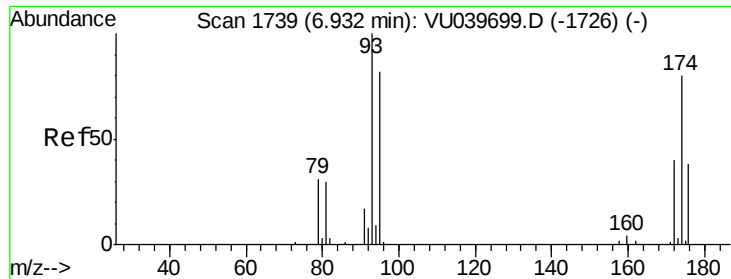
41 61.3 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039699.D (-1274) (-)

Ion 41.00 (40.70 to 41.70): VU039699.D (-1274) (-)





#43

Dibromomethane

Concen: 23.394 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

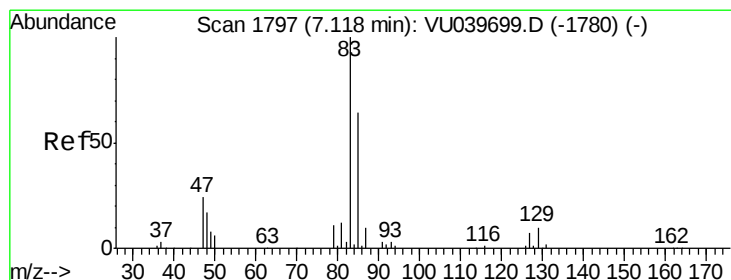
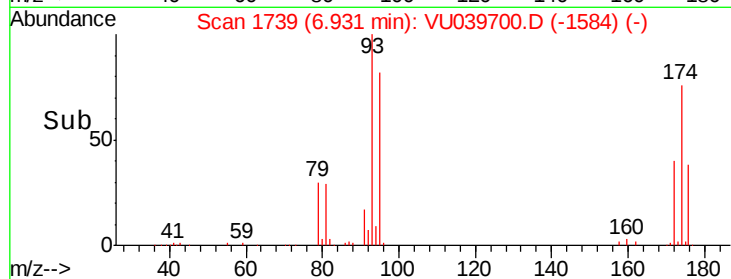
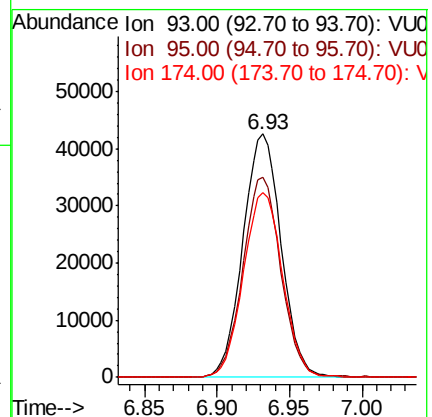
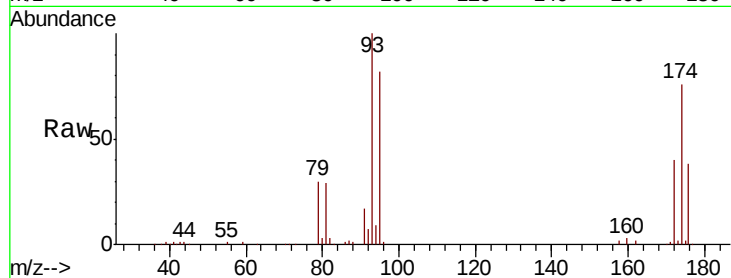
Tot Ion: 93 Resp: 78172

Ion Ratio Lower Upper

93 100

95 81.5 66.6 99.8

174 78.0 62.7 94.1



#44

Bromodichloromethane

Concen: 22.731 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

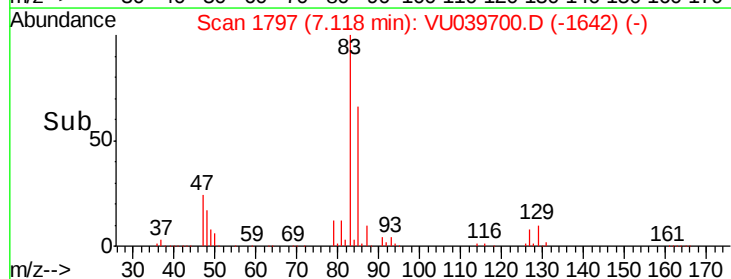
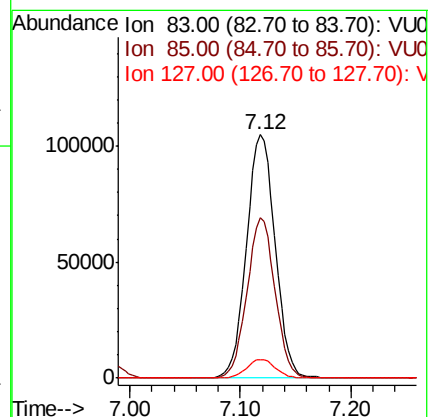
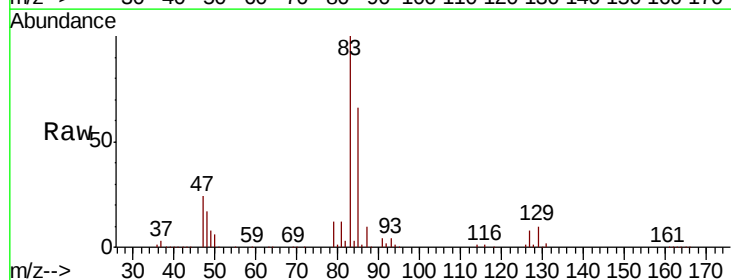
Tgt Ion: 83 Resp: 188787

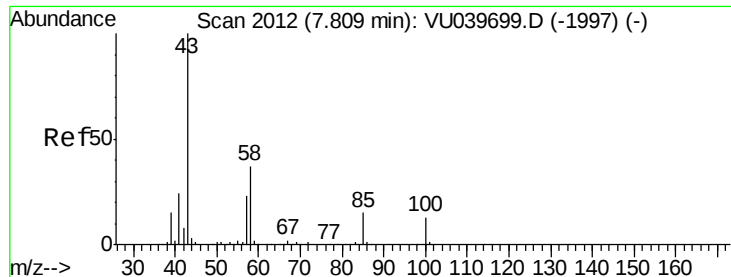
Ion Ratio Lower Upper

83 100

85 65.8 50.8 76.2

127 7.7 5.8 8.6

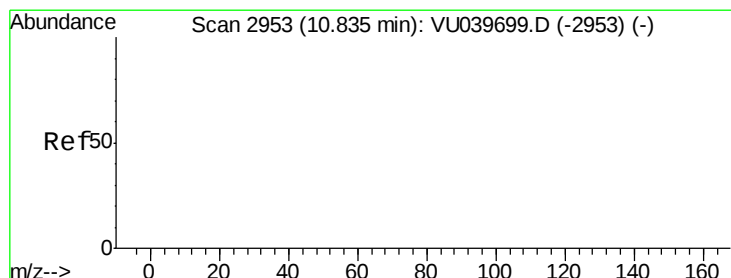
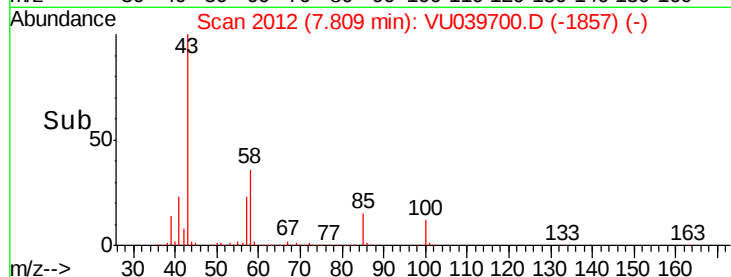
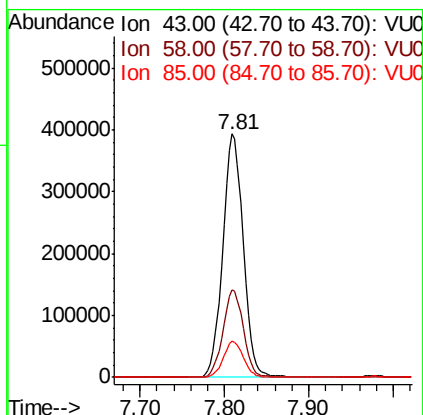
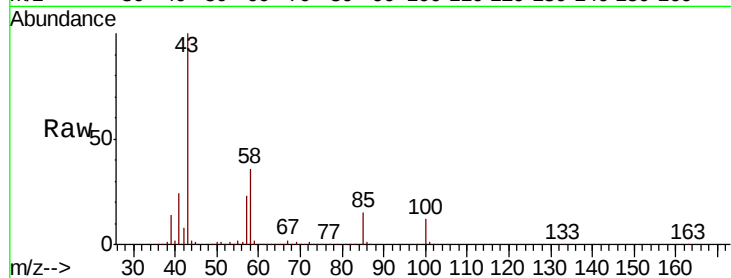




#45
4-Methyl-2-Pentanone
Concen: 140.989 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

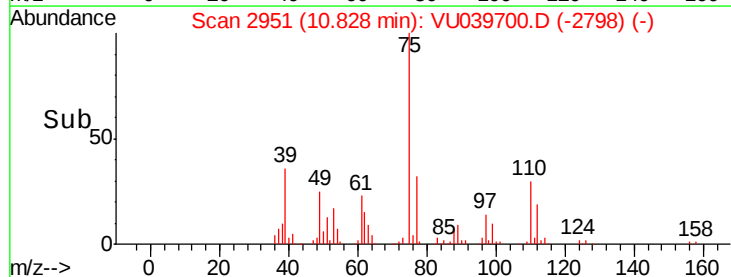
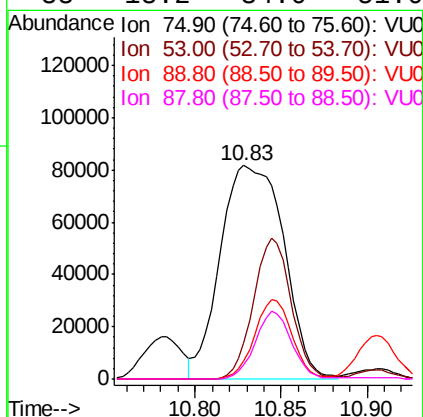
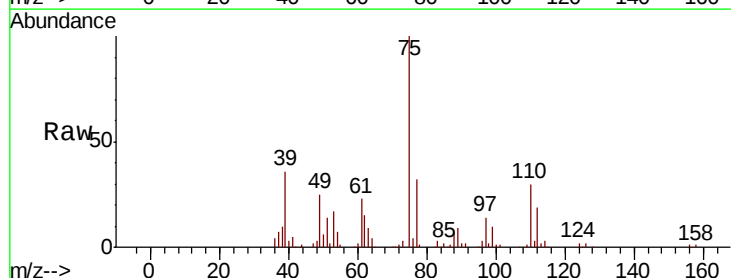
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

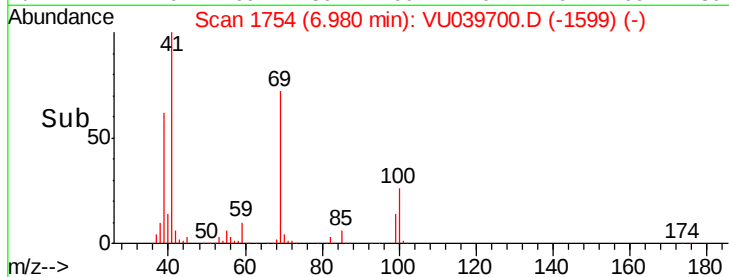
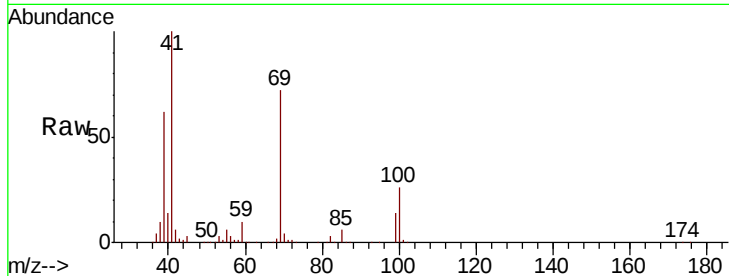
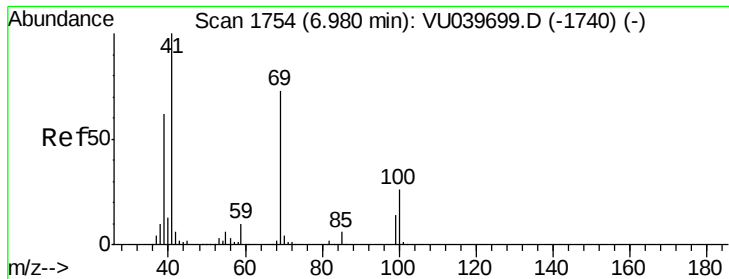
Tot Ion: 43 Resp: 663201
Ion Ratio Lower Upper
43 100
58 35.8 18.4 55.0
85 14.6 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 145.665 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.01 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 75 Resp: 209373
Ion Ratio Lower Upper
75 100
53 39.2 78.6 118.0#
89 22.0 40.3 60.5#
88 18.2 34.0 51.0#

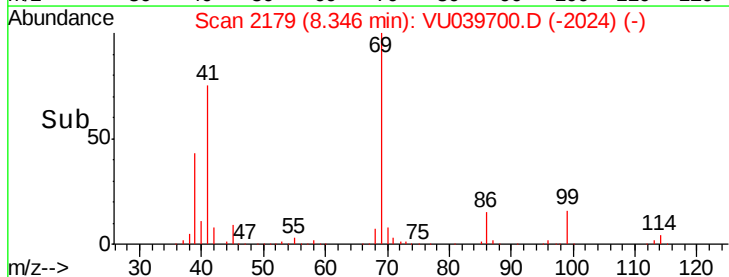
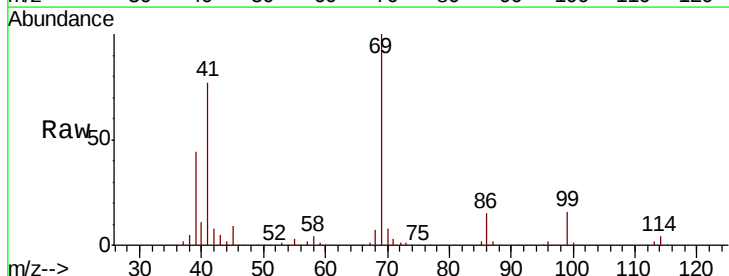
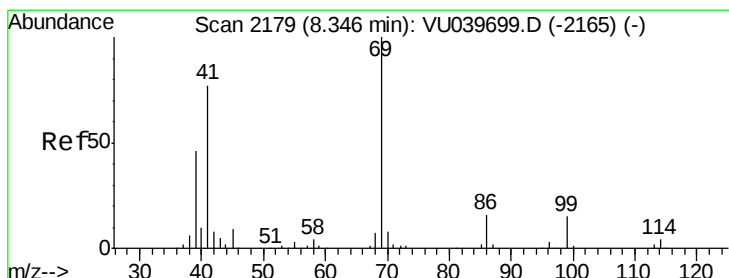
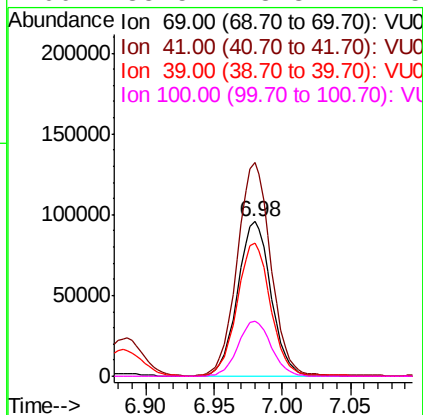




#47
Methyl methacrylate
Concen: 48.237 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

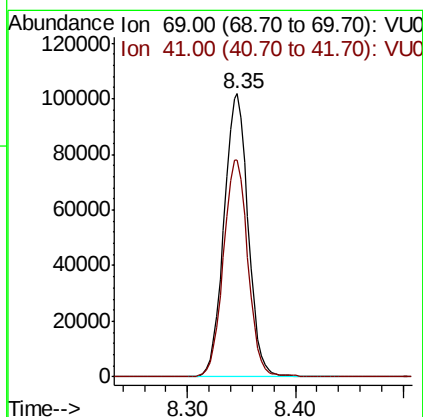
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

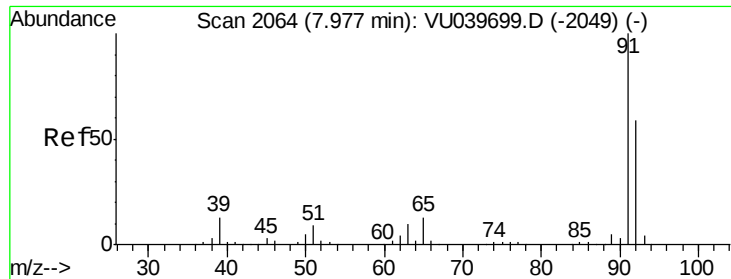
Tot Ion: 69 Resp: 163311
Ion Ratio Lower Upper
69 100
41 137.8 0.0 271.6
39 85.5 67.4 101.2
100 35.5 28.3 42.5



#48
Ethyl methacrylate
Concen: 25.474 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 69 Resp: 158755
Ion Ratio Lower Upper
69 100
41 76.9 39.1 117.5





#49

Toluene

Concen: 21.265 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

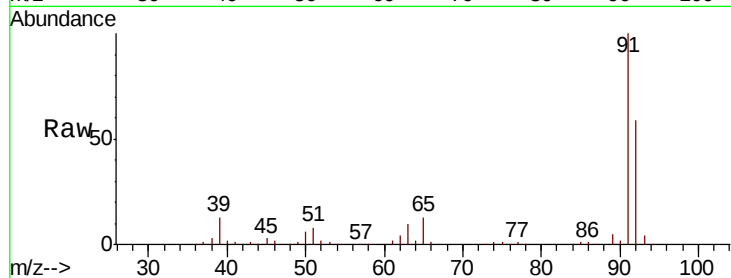
VSTDIC020

Tot Ion: 92 Resp: 346424

Ion Ratio Lower Upper

92 100

91 168.1 136.1 204.1



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

Ion 91.00 (90.70 to 91.70): VU039700.D (-1909) (-)

7.98

400000

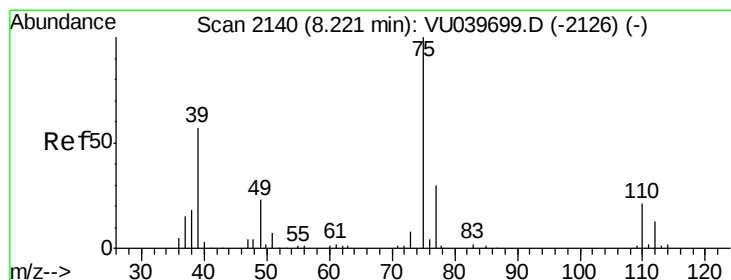
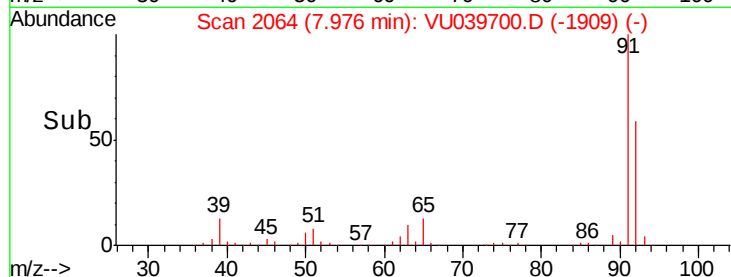
300000

200000

100000

0

Time-->



#50

t-1,3-Dichloropropene

Concen: 23.316 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039700.D

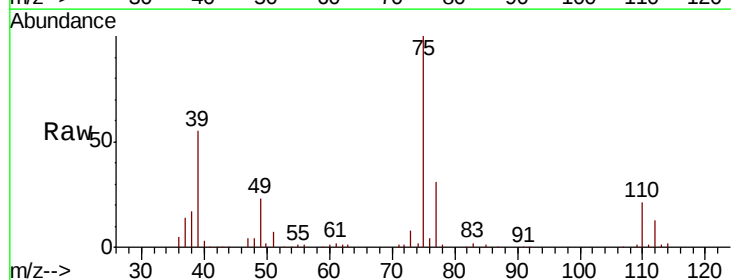
Acq: 29 Jul 2020 13:07

Tgt Ion: 75 Resp: 195089

Ion Ratio Lower Upper

75 100

77 31.4 24.3 36.5



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

Ion 77.00 (76.70 to 77.70): VU039700.D (-1985) (-)

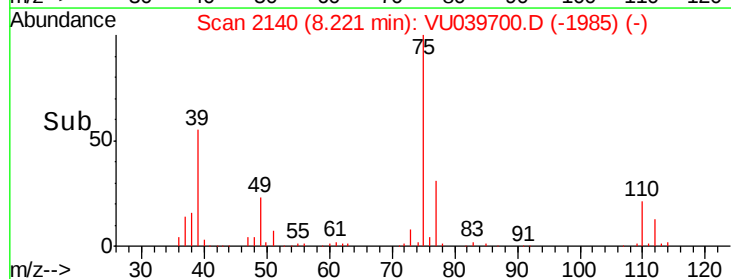
8.22

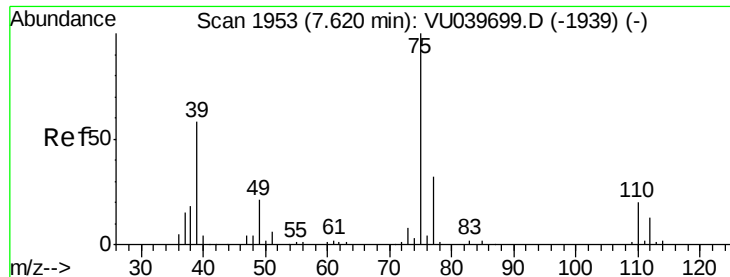
100000

50000

0

Time-->

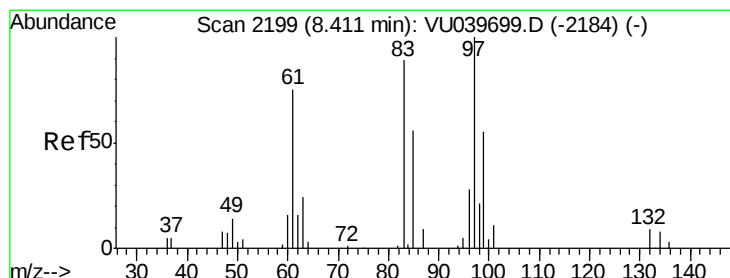
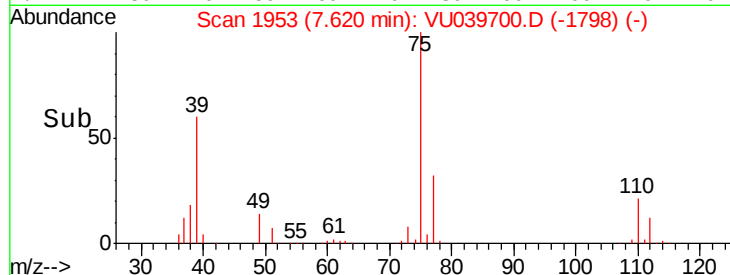
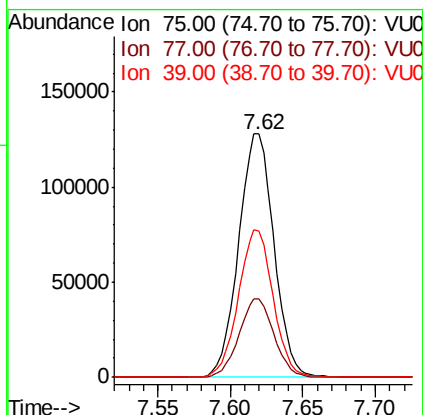
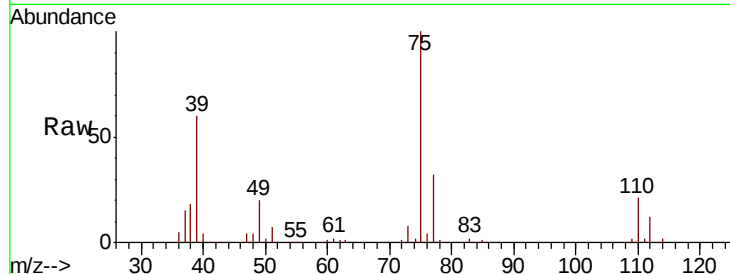




#51
 cis-1,3-Dichloropropene
 Concen: 21.772 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

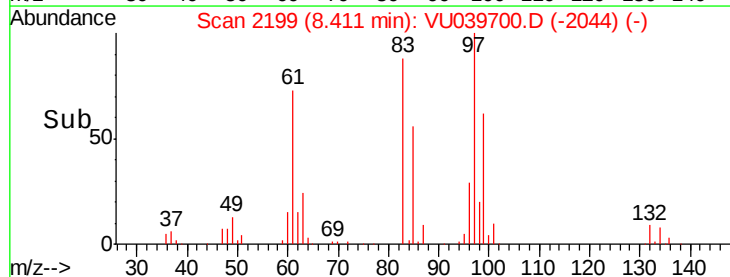
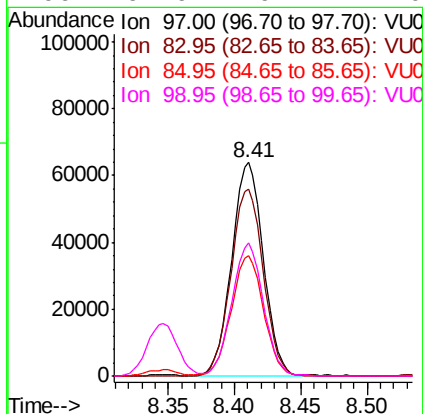
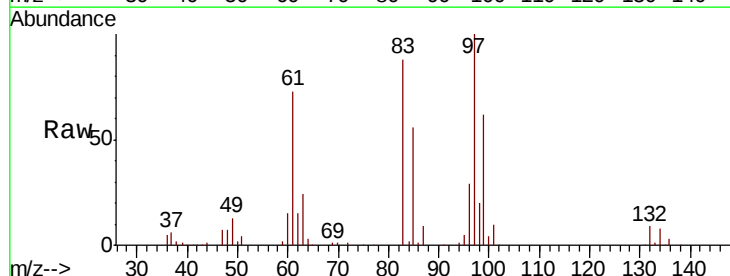
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

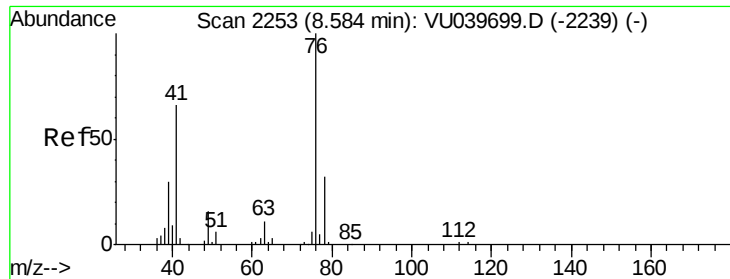
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.7	38.5
39	59.9	46.1	69.1



#52
 1,1,2-Trichloroethane
 Concen: 22.657 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.3	106.9
85	56.3	45.4	68.2
99	61.9	49.4	74.0





#53

1,3-Dichloropropane

Concen: 22.948 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

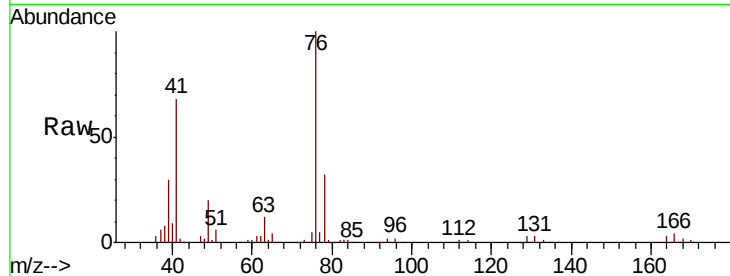
VSTDIC020

Tot Ion: 76 Resp: 201709

Ion Ratio Lower Upper

76 100

78 32.3 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) (-)

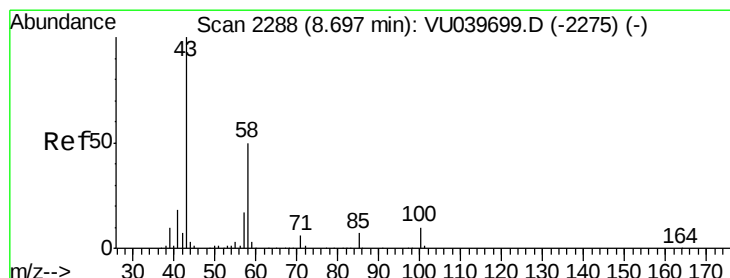
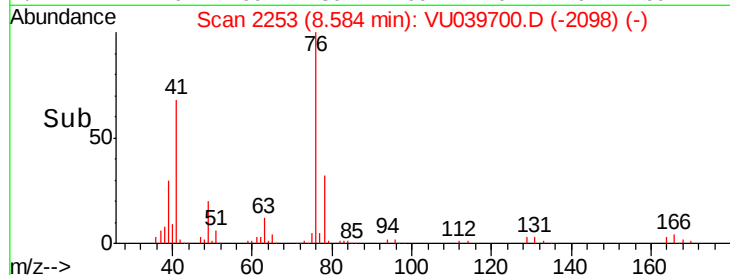
8.58

100000

50000

0

Time-->



#54

2-Hexanone

Concen: 143.113 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

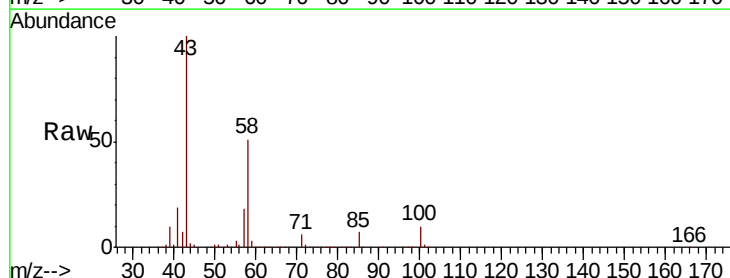
Tgt Ion: 43 Resp: 477372

Ion Ratio Lower Upper

43 100

58 50.6 29.9 69.9

57 17.4 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

400000

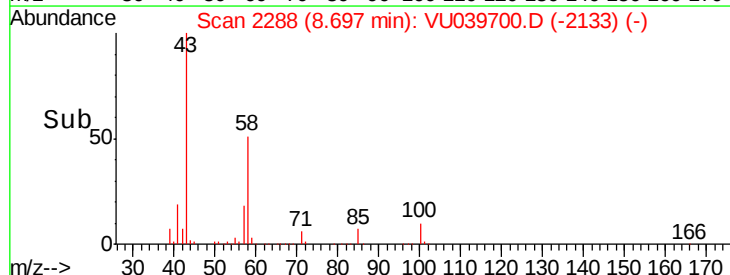
300000

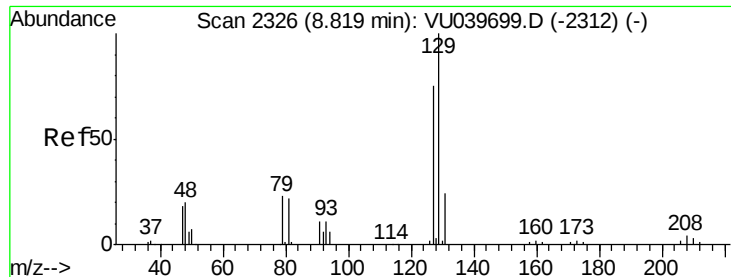
200000

100000

0

Time-->

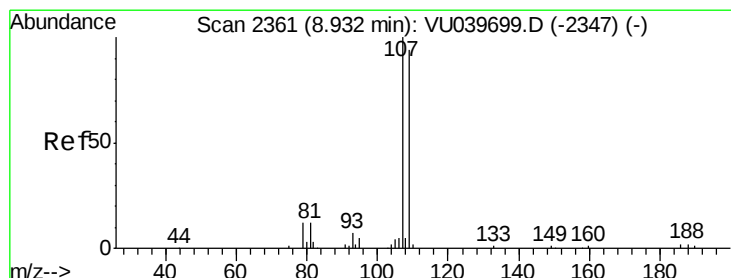
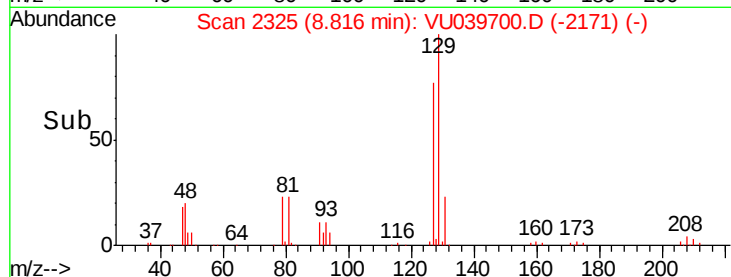
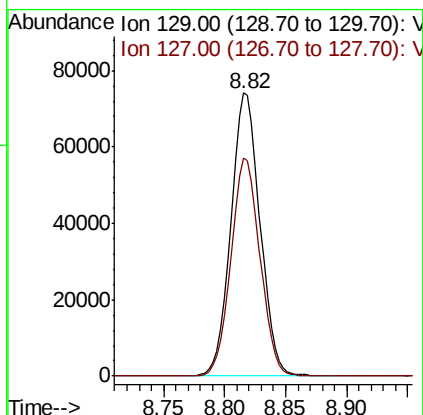
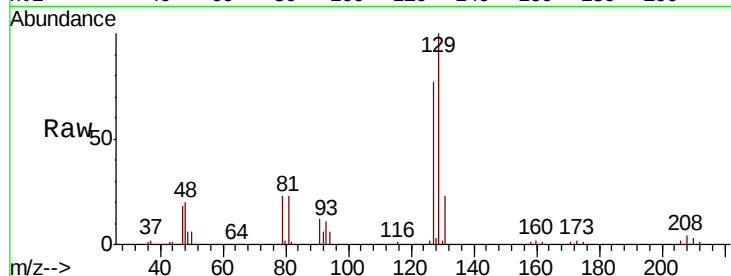




#55
 Dibromochloromethane
 Concen: 23.877 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

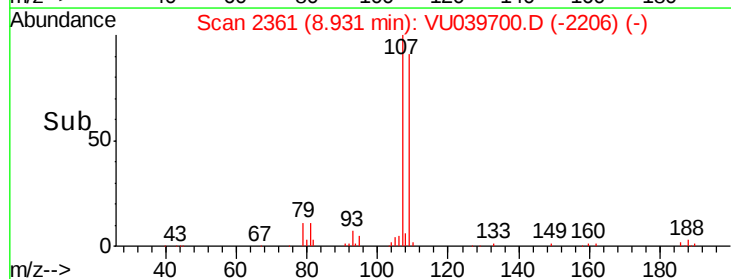
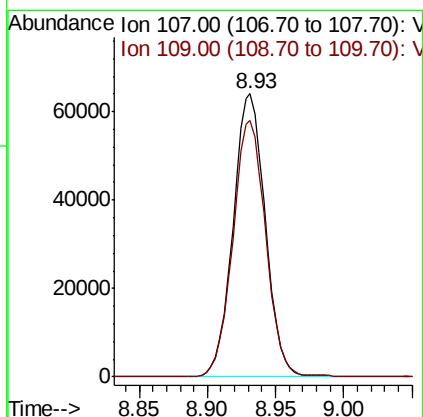
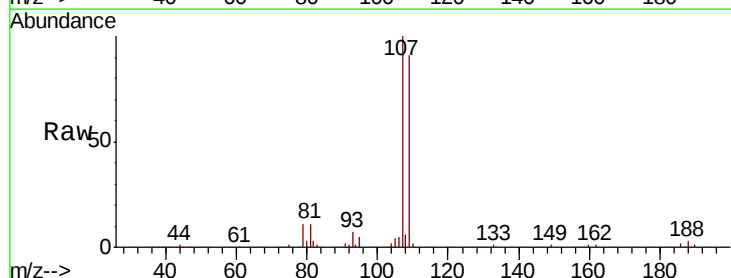
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

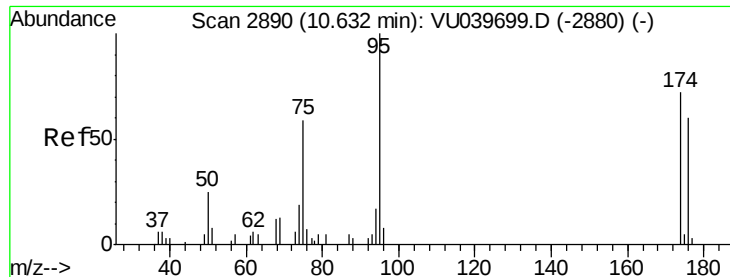
Tot Ion:129 Resp: 123451
 Ion Ratio Lower Upper
 129 100
 127 76.6 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 23.617 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:107 Resp: 104876
 Ion Ratio Lower Upper
 107 100
 109 92.6 0.0 185.2

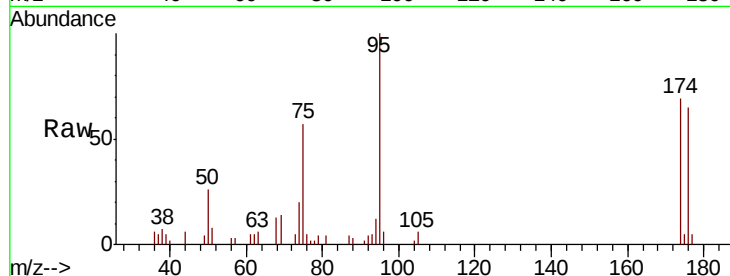




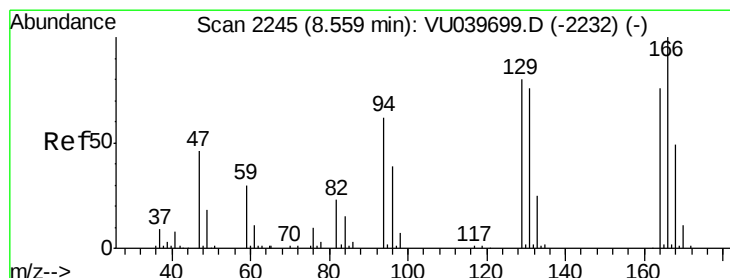
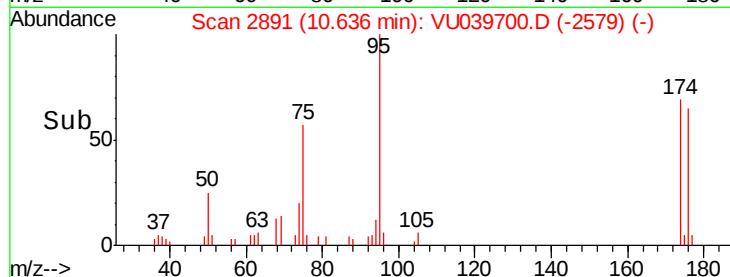
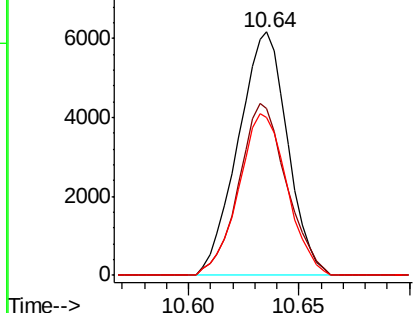
#57
 4-Bromofluorobenzene
 Concen: 1.131 ug/l
 RT: 10.64 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tot Ion: 95 Resp: 9587
 Ion Ratio Lower Upper
 95 100
 174 68.6 57.0 85.4
 176 65.2 50.2 75.2

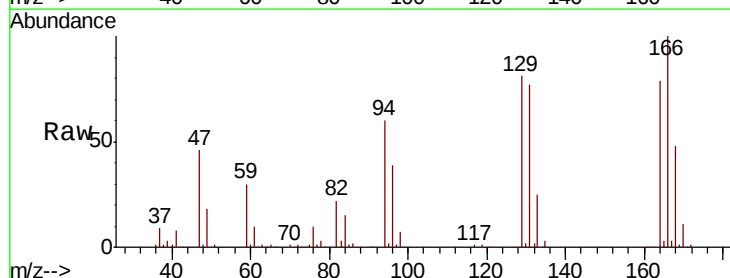


Abundance Ion 95.00 (94.70 to 95.70): VU039699.D (-2880) (-)
 Ion 174.00 (173.70 to 174.70): VU039699.D (-2880) (-)
 Ion 176.00 (175.70 to 176.70): VU039699.D (-2880) (-)

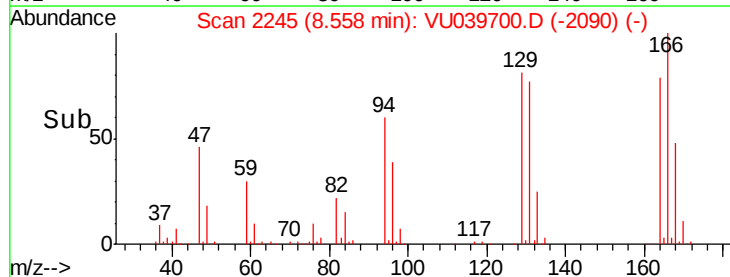
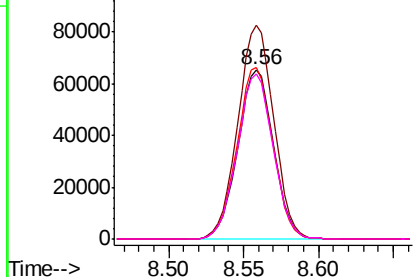


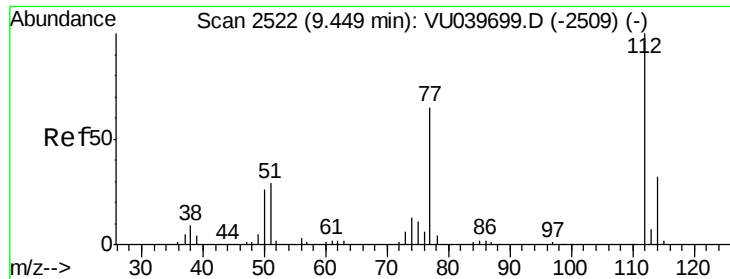
#58
 Tetrachloroethene
 Concen: 17.713 ug/l
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 164 Resp: 108452
 Ion Ratio Lower Upper
 164 100
 166 125.9 104.8 157.2
 129 101.5 84.1 126.1
 131 97.4 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: 20.626 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

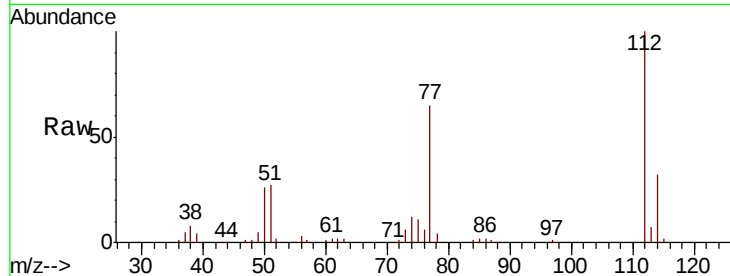
VSTDIC020

Tot Ion:112 Resp: 355355

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.45

200000

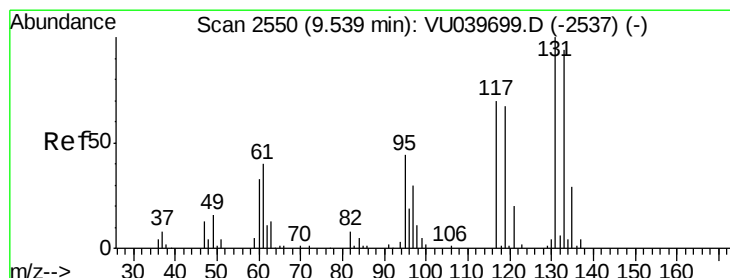
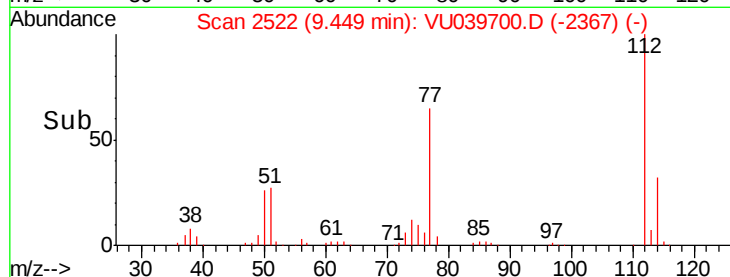
150000

100000

50000

0

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 22.723 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

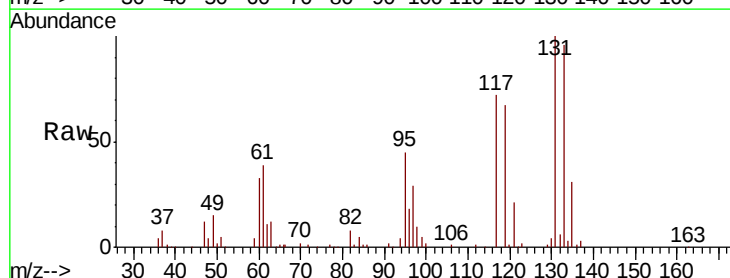
Tgt Ion:131 Resp: 120512

Ion Ratio Lower Upper

131 100

133 96.4 75.8 113.8

119 68.4 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

100000

80000

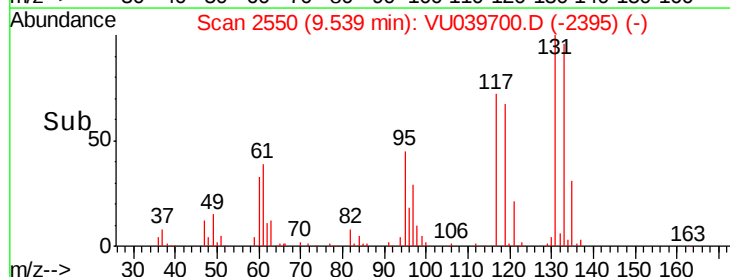
60000

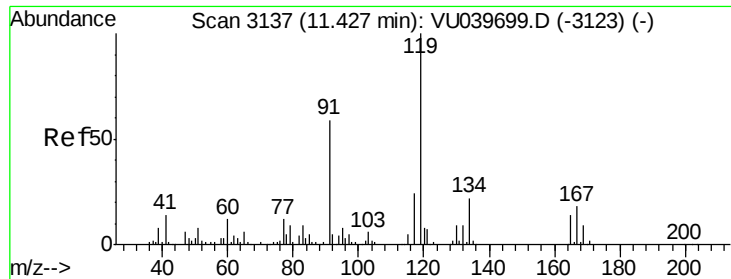
40000

20000

0

Time-->

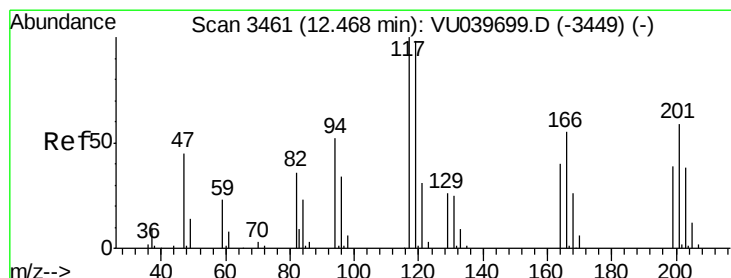
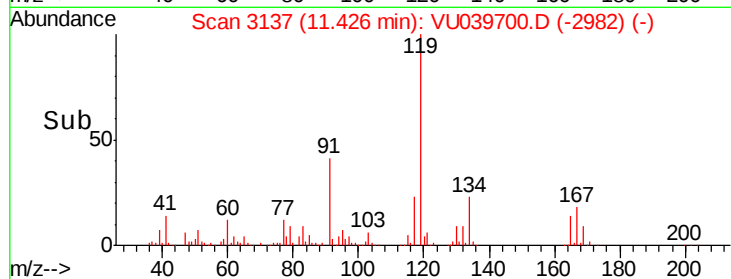
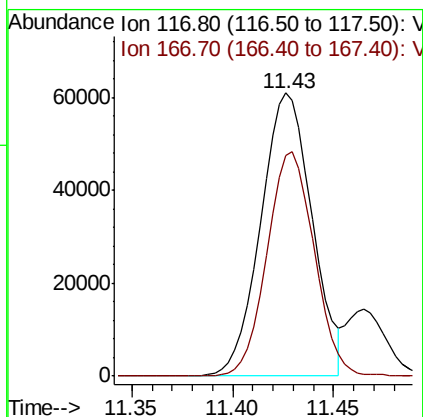
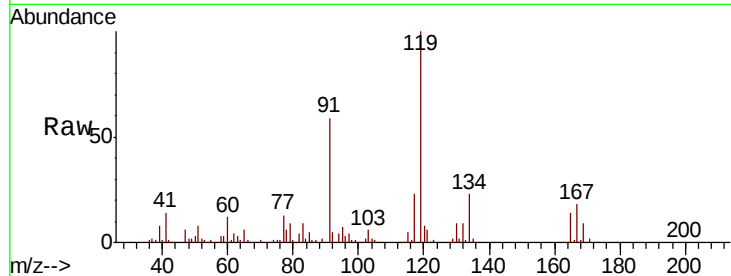




#61
 Pentachloroethane
 Concen: 26.274 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

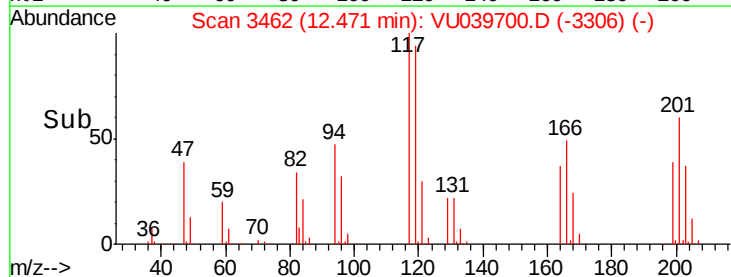
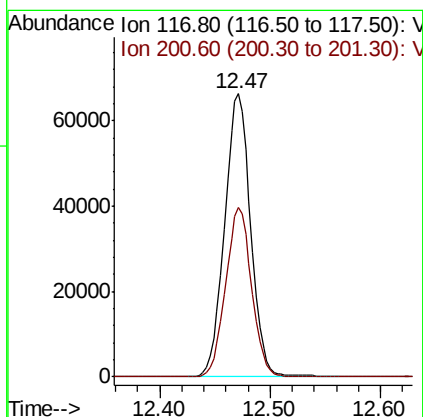
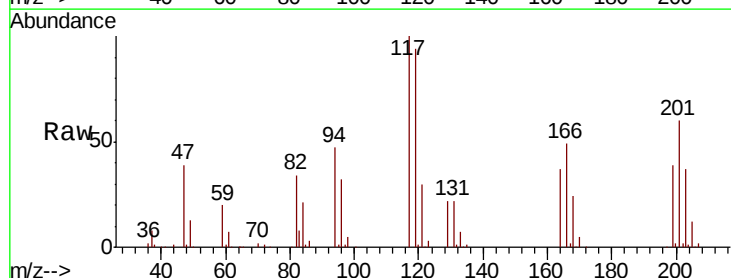
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

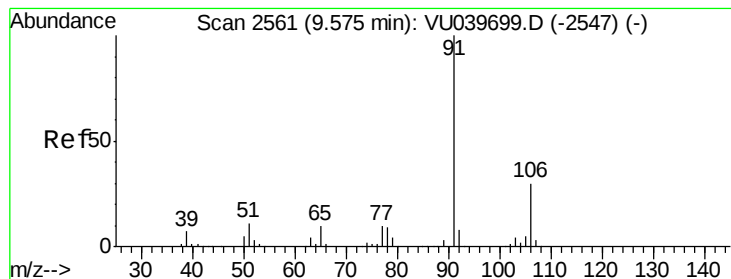
Tot Ion:117 Resp: 107864
 Ion Ratio Lower Upper
 117 100
 167 72.8 56.6 85.0



#62
 Hexachloroethane
 Concen: 25.752 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:117 Resp: 108296
 Ion Ratio Lower Upper
 117 100
 201 59.7 48.1 72.1





#63

Ethyl Benzene

Concen: 21.882 ug/l

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

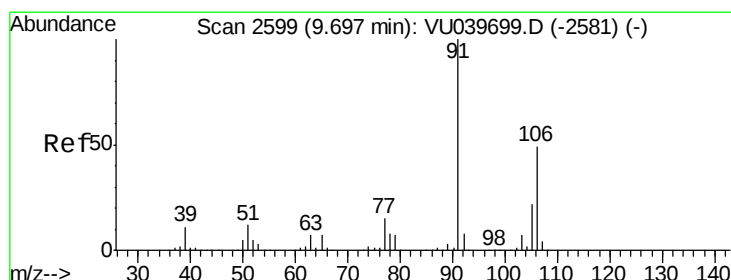
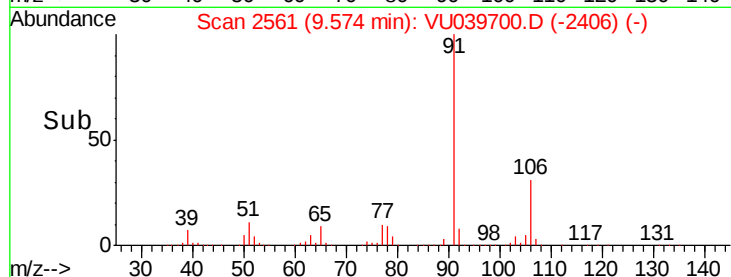
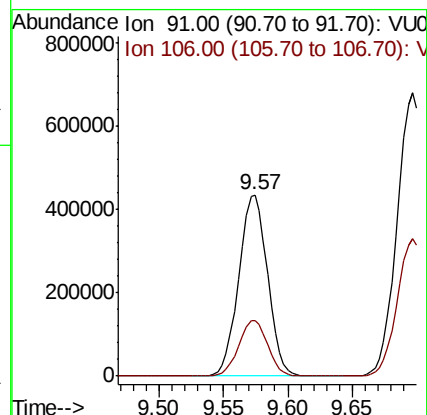
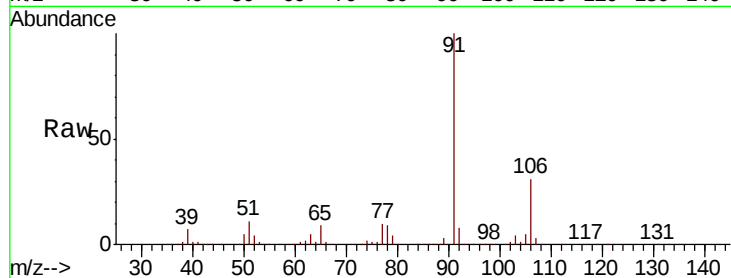
VSTDIC020

Tot Ion: 91 Resp: 675202

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#64

m/p-Xylenes

Concen: 44.332 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039700.D

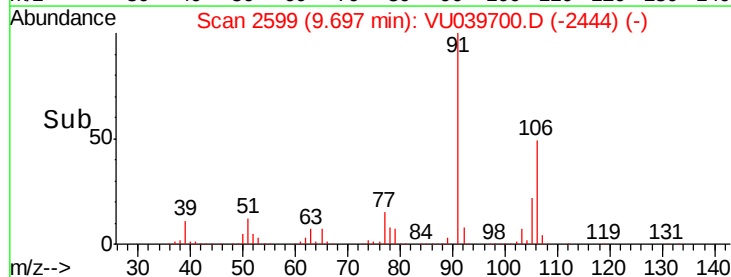
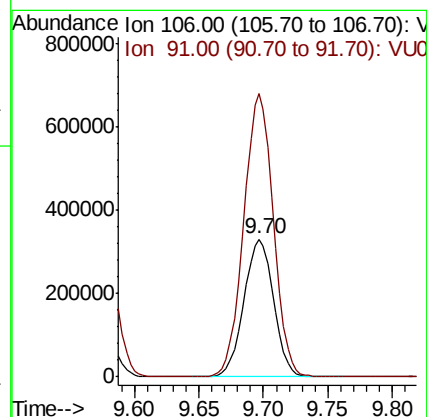
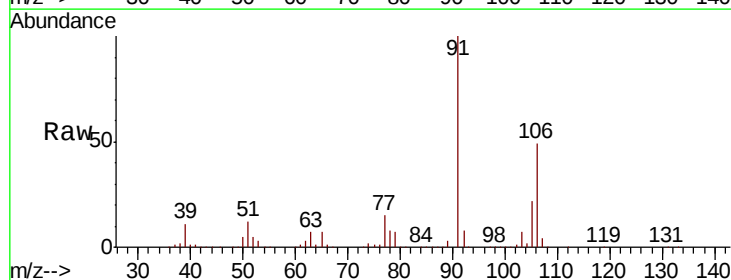
Acq: 29 Jul 2020 13:07

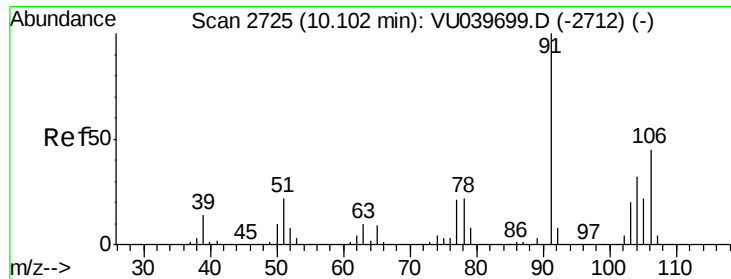
Tgt Ion: 106 Resp: 528221

Ion Ratio Lower Upper

106 100

91 204.5 163.9 245.9

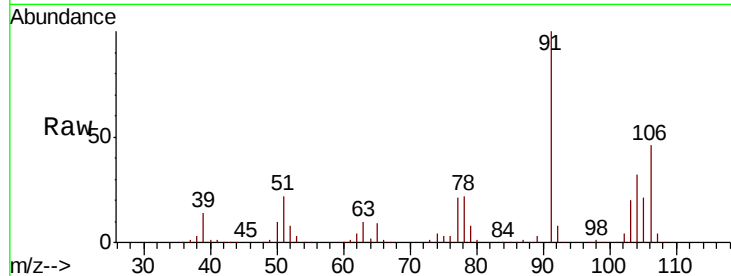




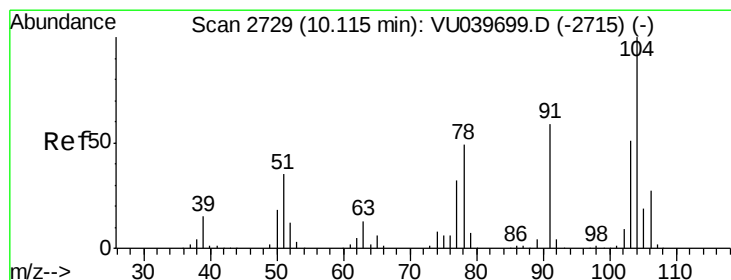
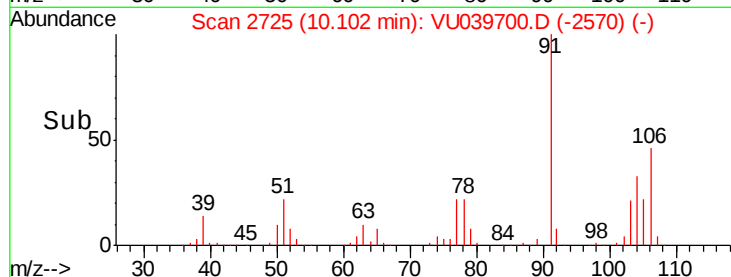
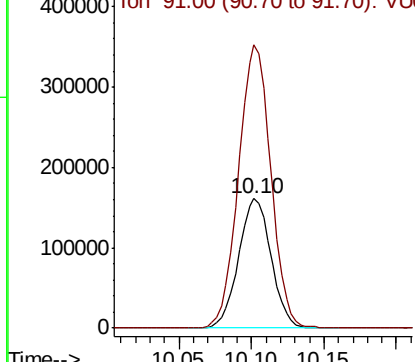
#65
o-Xylene
Concen: 21.780 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 251521
Ion Ratio Lower Upper
106 100
91 217.3 110.3 331.0

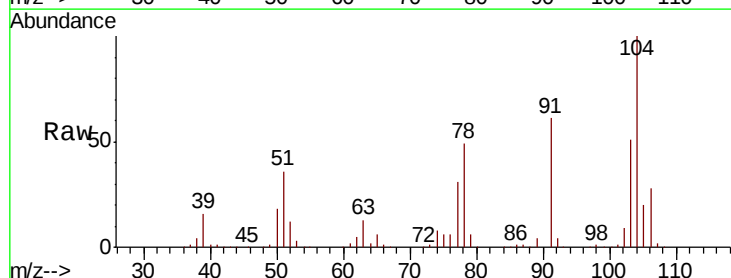


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

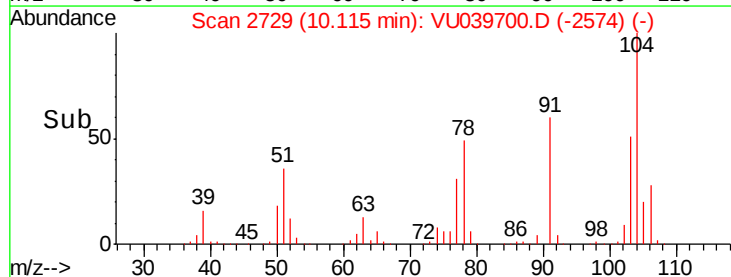
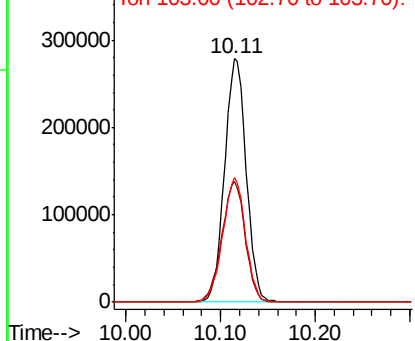


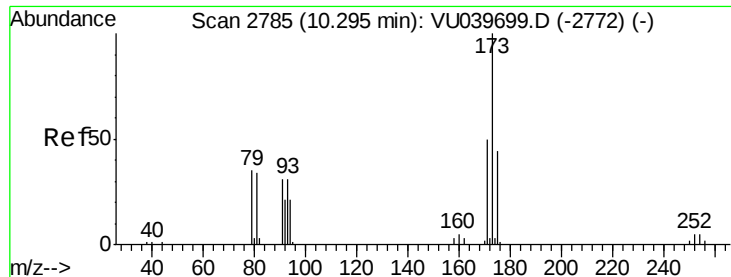
#66
Styrene
Concen: 23.126 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion:104 Resp: 443598
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 53.5 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: 25.395 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

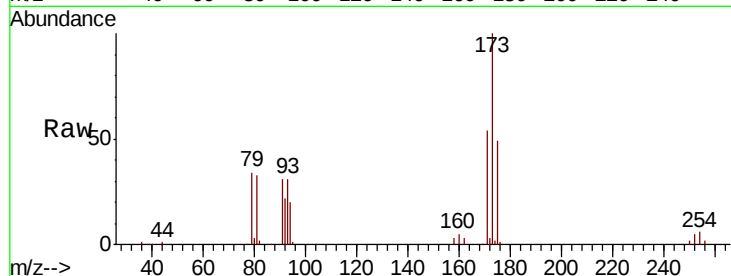
Tot Ion:173 Resp: 68985

Ion Ratio Lower Upper

173 100

175 48.6 36.7 55.1

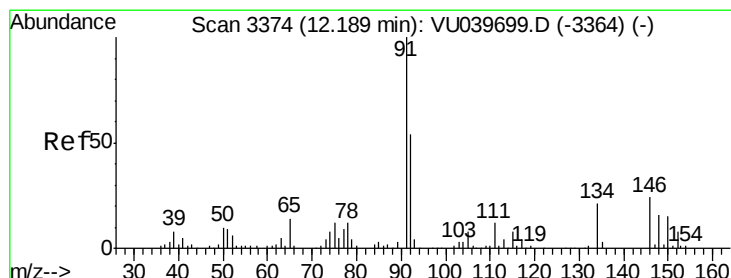
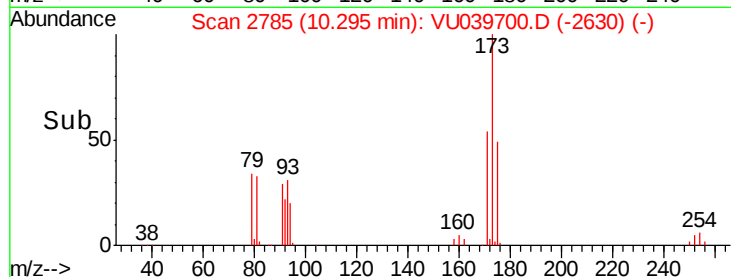
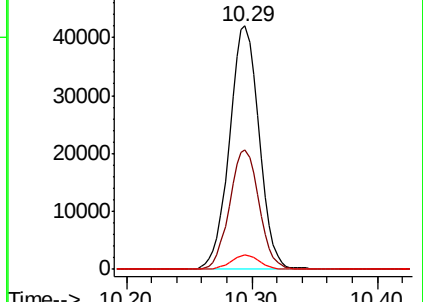
254 5.6 3.8 5.8



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: 1.128 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

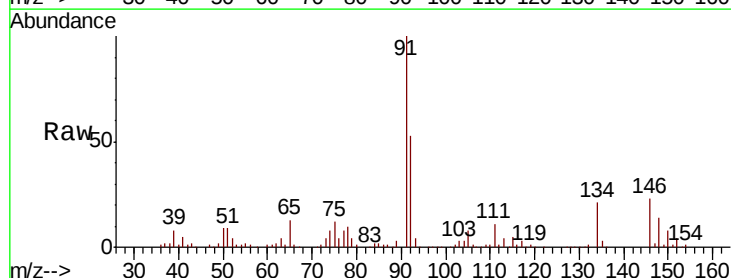
Tgt Ion:152 Resp: 9301

Ion Ratio Lower Upper

152 100

115 212.8 0.0 302.4

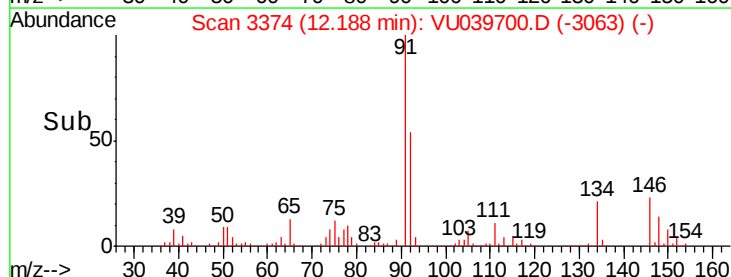
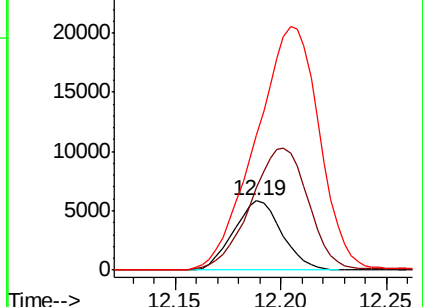
150 464.2 0.0 645.8

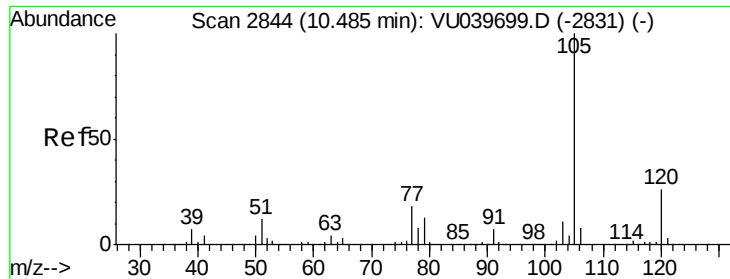


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 22.357 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

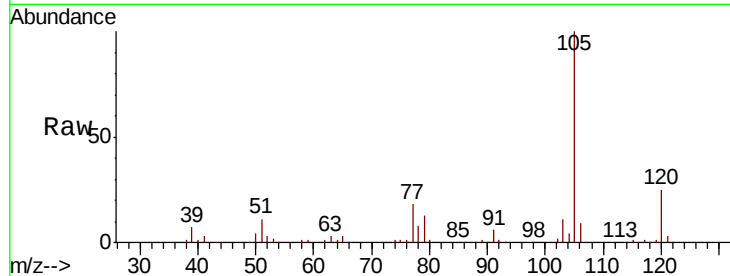
VSTDIC020

Tot Ion:105 Resp: 675734

Ion Ratio Lower Upper

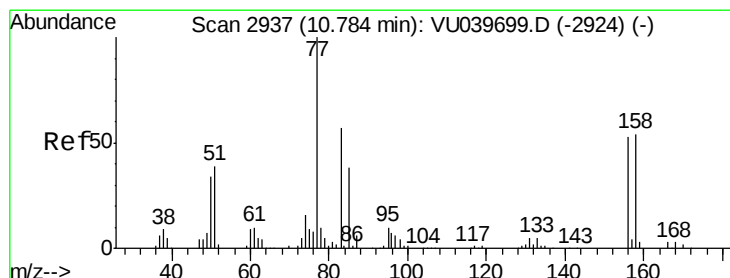
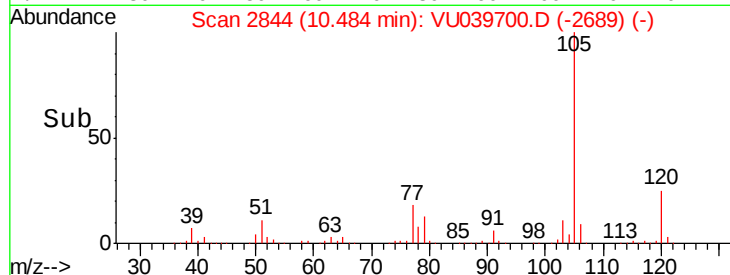
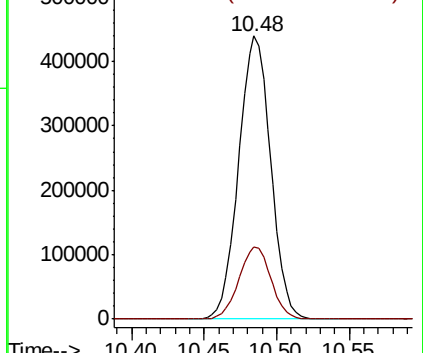
105 100

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: 26.003 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

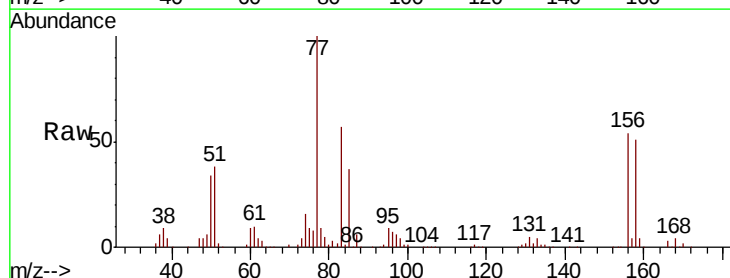
Tgt Ion: 83 Resp: 159673

Ion Ratio Lower Upper

83 100

131 8.6 7.0 10.6

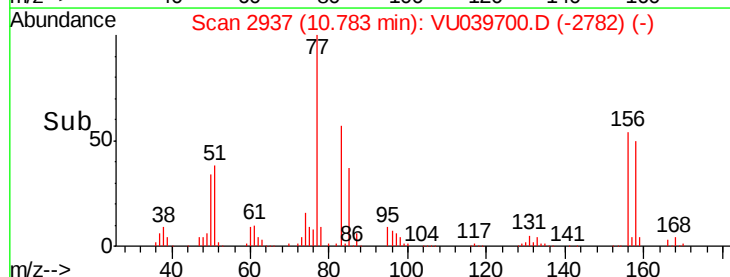
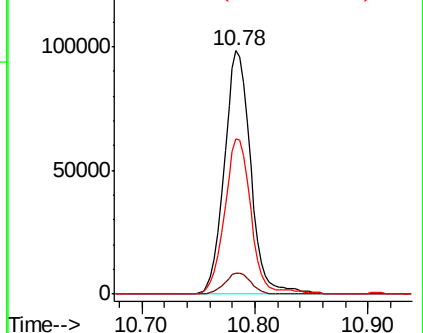
85 64.3 50.6 75.8

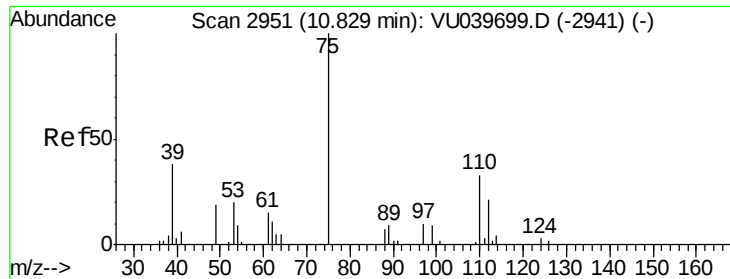


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

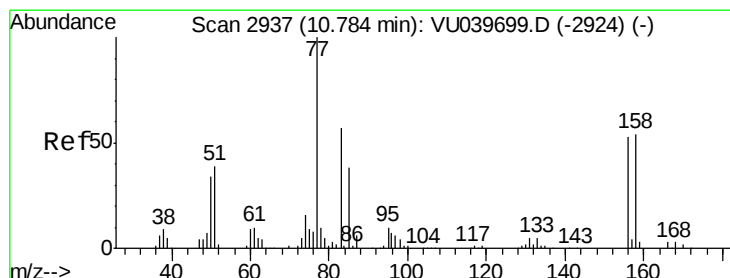
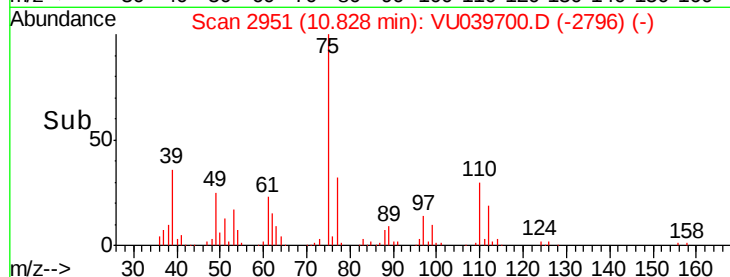
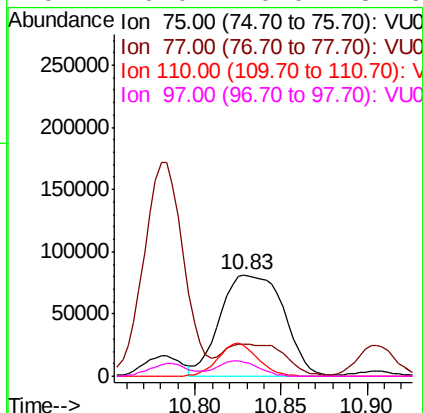
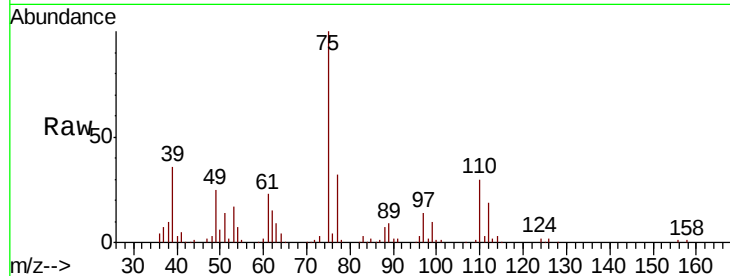




#71
 1,2,3-Trichloropropane
 Concen: 45.174 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

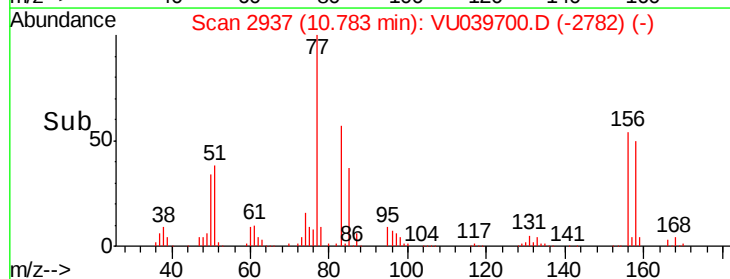
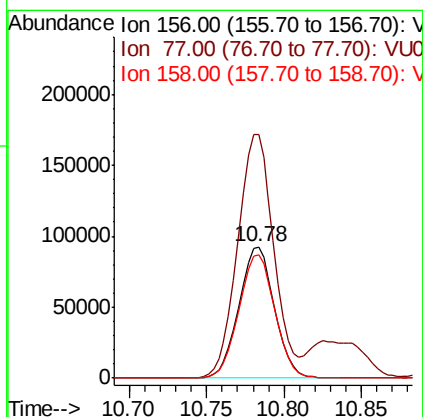
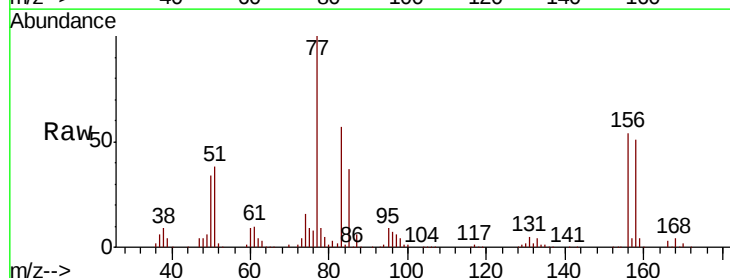
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

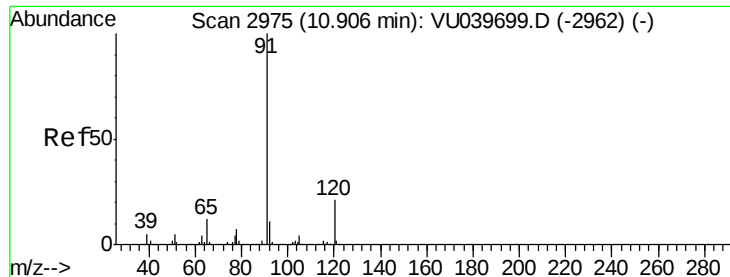
Tot Ion:	75	Resp:	209373
Ion	Ratio	Lower	Upper
75	100		
77	29.6	0.0	91.0
110	20.3	0.0	64.2
97	10.0	0.0	32.6



#72
 Bromobenzene
 Concen: 21.937 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:	156	Resp:	147377
Ion	Ratio	Lower	Upper
156	100		
77	188.6	0.0	385.2
158	95.9	0.0	200.8





#73

n-propylbenzene

Concen: 22.621 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

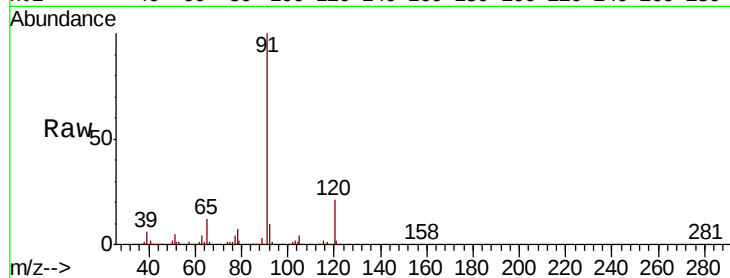
VSTDIC020

Tot Ion:120 Resp: 188027

Ion Ratio Lower Upper

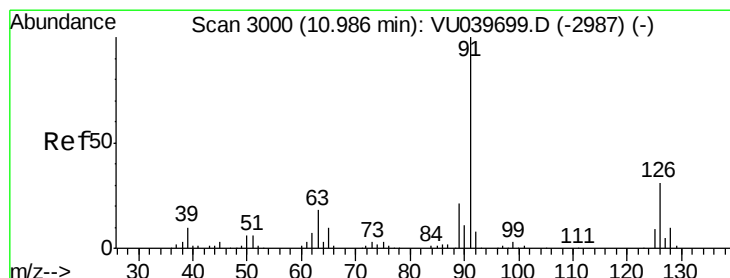
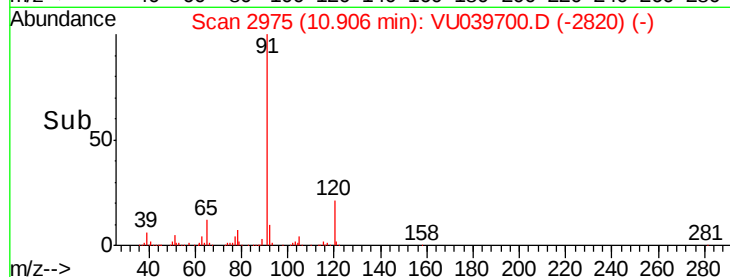
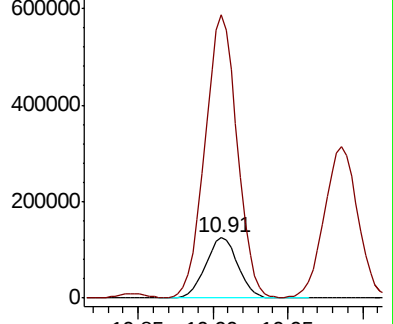
120 100

91 463.5 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 21.915 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039700.D

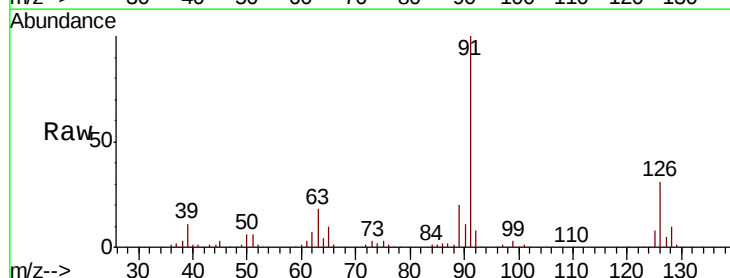
Acq: 29 Jul 2020 13:07

Tgt Ion:126 Resp: 152969

Ion Ratio Lower Upper

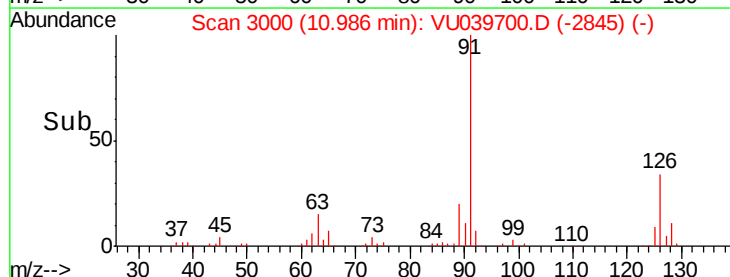
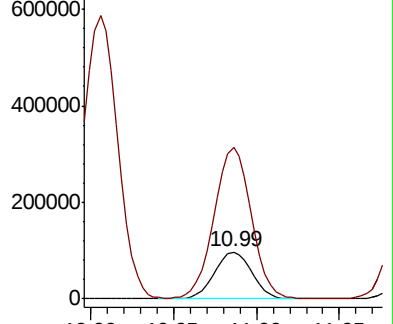
126 100

91 316.6 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 23.420 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :

MSVOA_U

ClientSampleId :

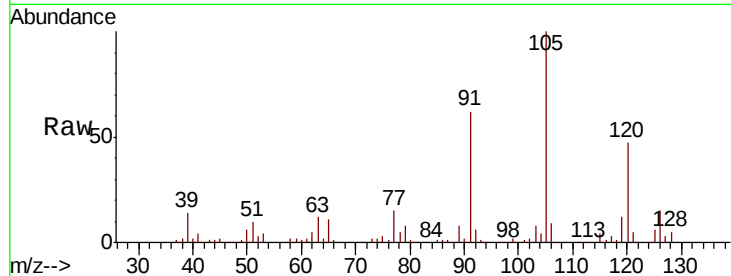
VSTDIC020

Tot Ion:105 Resp: 593616

Ion Ratio Lower Upper

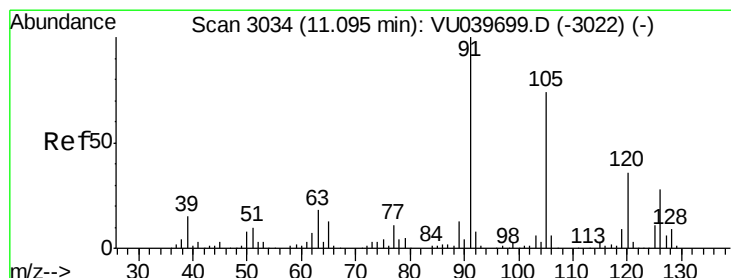
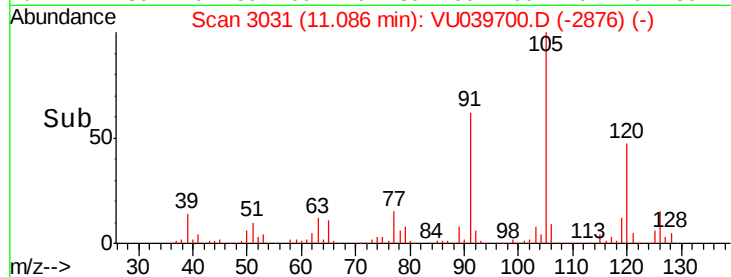
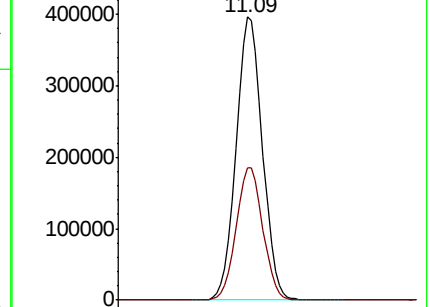
105 100

120 47.5 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 22.280 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039700.D

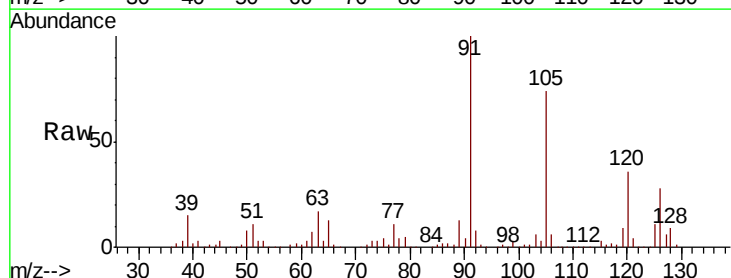
Acq: 29 Jul 2020 13:07

Tgt Ion:126 Resp: 161951

Ion Ratio Lower Upper

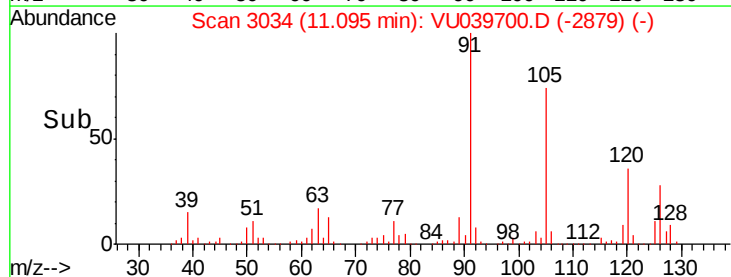
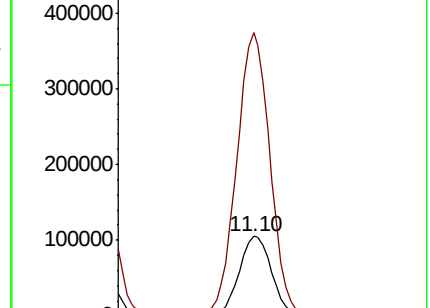
126 100

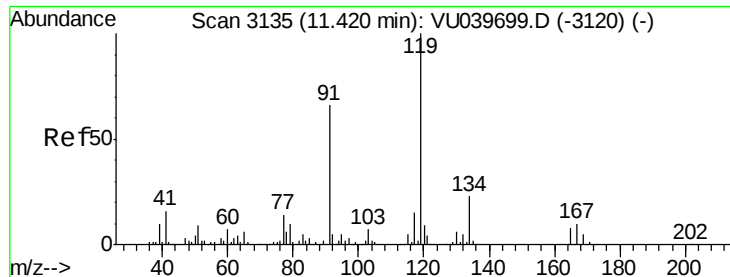
91 368.5 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 23.466 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

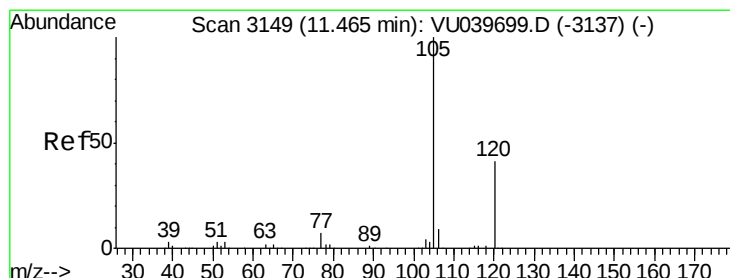
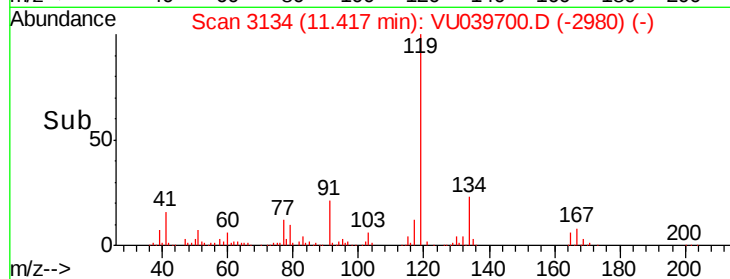
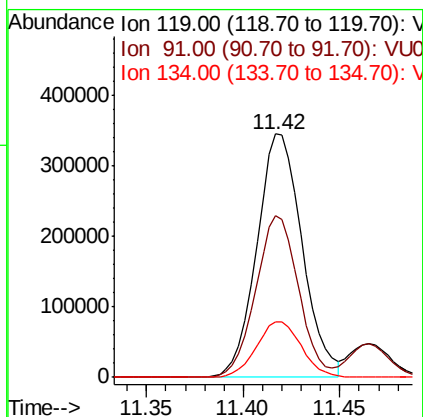
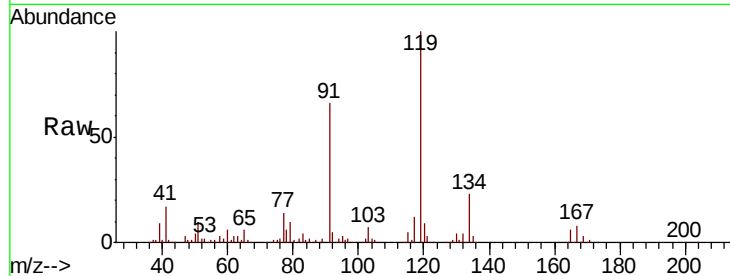
Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tot Ion:119 Resp: 564820

Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.9	95.5
134	22.8	18.2	27.4



#78

1,2,4-Trimethylbenzene

Concen: 23.267 ug/l

RT: 11.47 min Scan# 3149

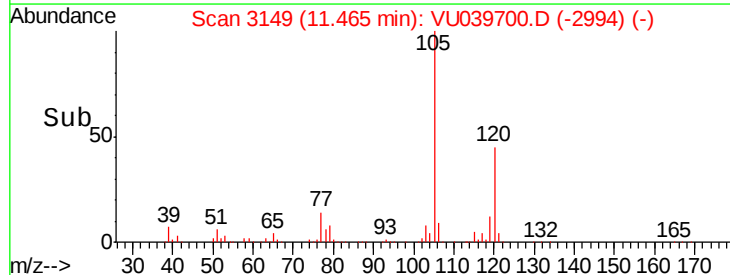
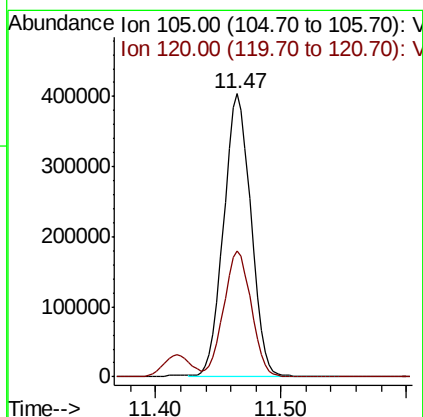
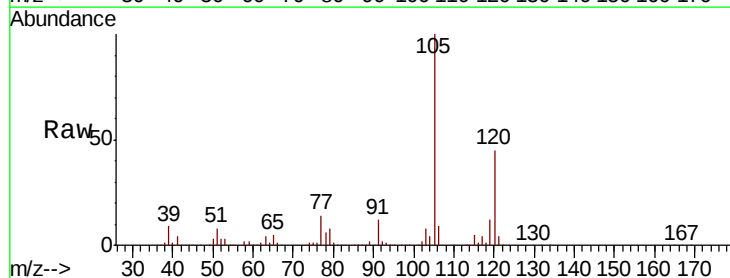
Delta R.T. -0.00 min

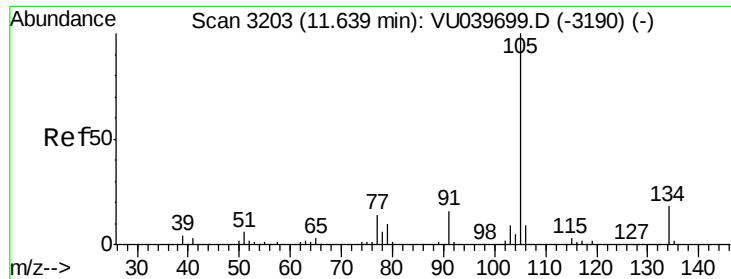
Lab File: VU039700.D

Acq: 29 Jul 2020 13:07

Tgt Ion:105 Resp: 607391

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.0

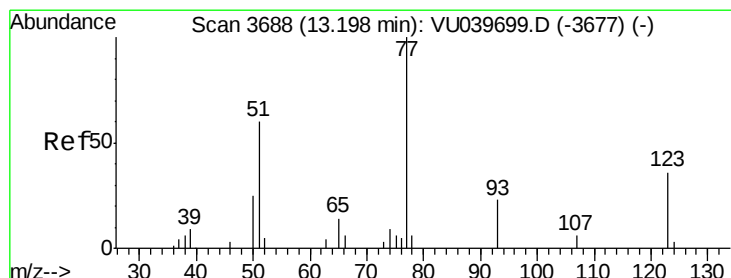
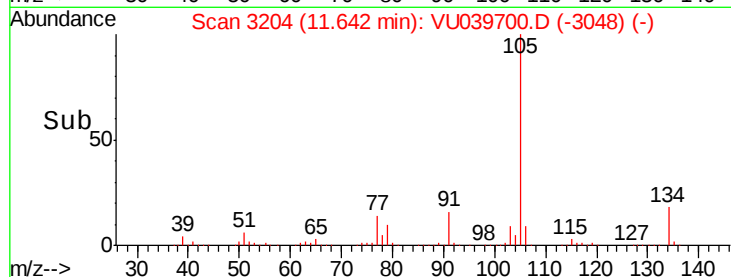
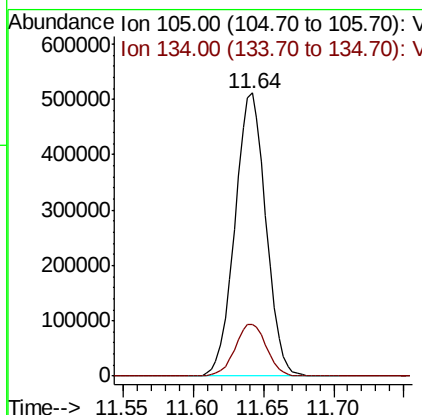
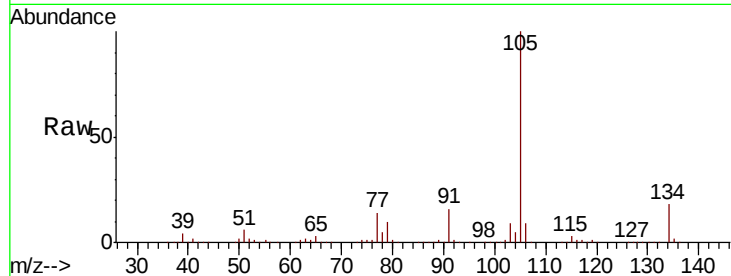




#79
 sec-Butylbenzene
 Concen: 22.900 ug/l
 RT: 11.64 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

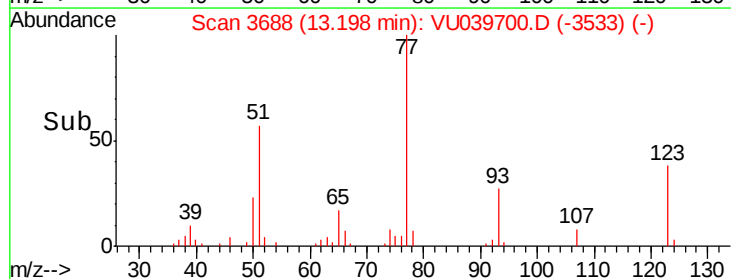
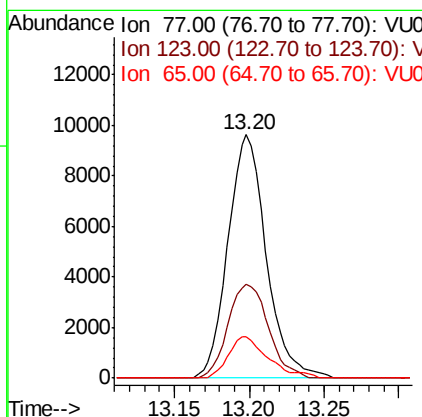
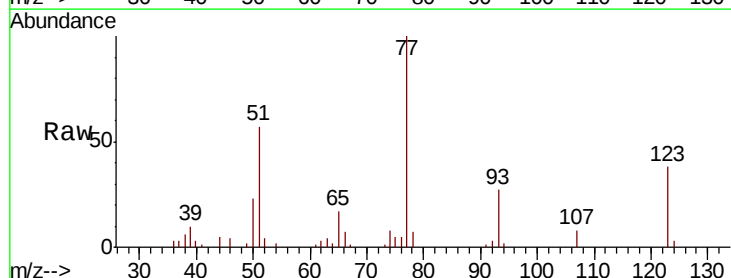
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

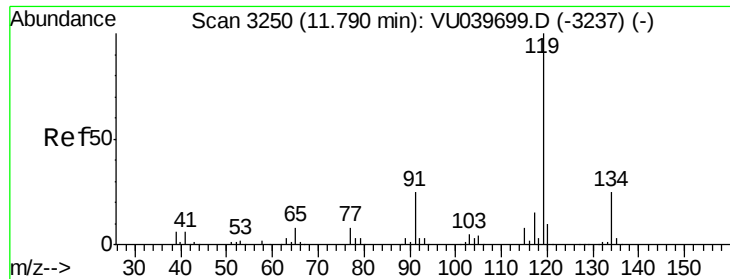
Tot Ion: 105 Resp: 787967
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2



#80
 Nitrobenzene
 Concen: 102.896 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 77 Resp: 17162
 Ion Ratio Lower Upper
 77 100
 123 40.6 16.9 59.9
 65 14.8 14.4 18.4

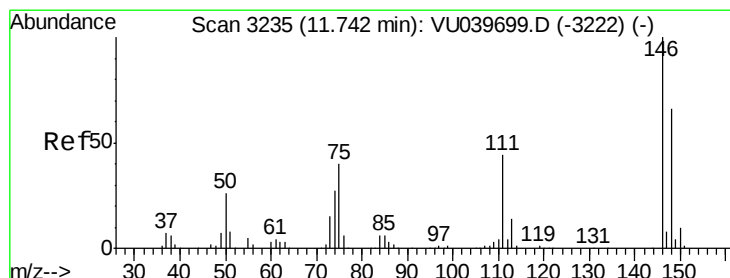
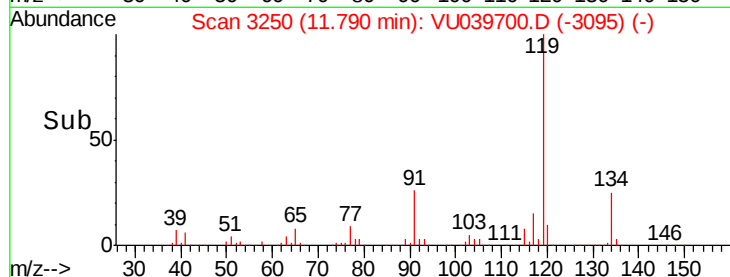
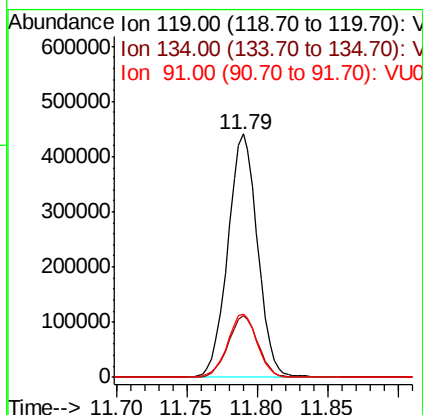
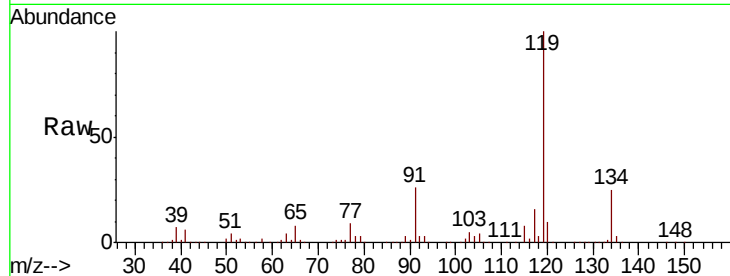




#81
 p-Isopropyltoluene
 Concen: 23.174 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

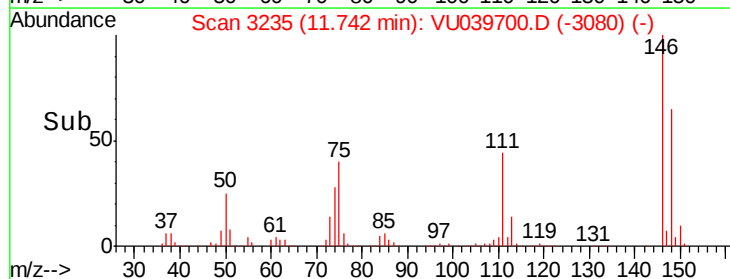
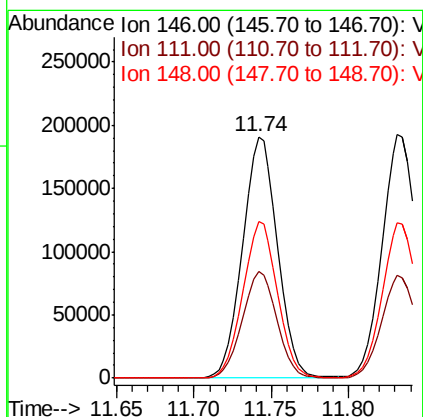
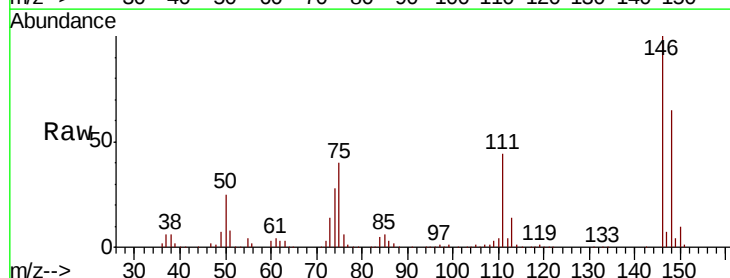
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

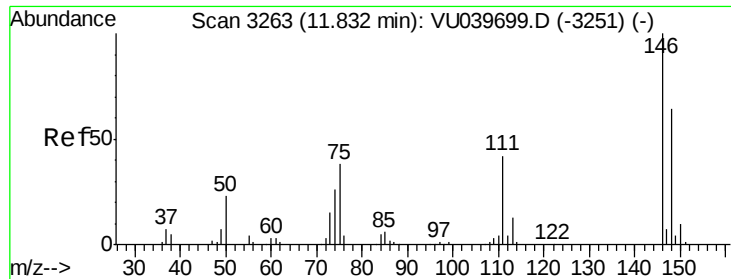
Tot Ion:119 Resp: 644181
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.2 30.4
 91 25.9 20.7 31.1



#82
 1,3-Dichlorobenzene
 Concen: 21.354 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:146 Resp: 299790
 Ion Ratio Lower Upper
 146 100
 111 43.9 34.5 51.7
 148 64.2 51.4 77.0

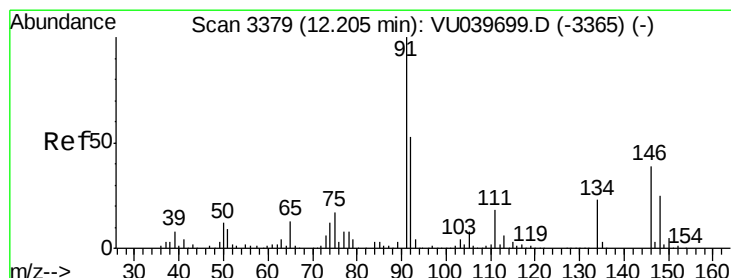
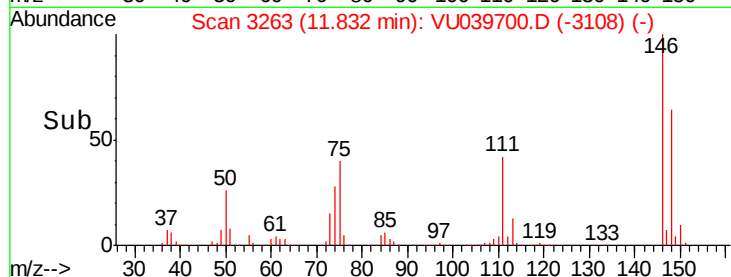
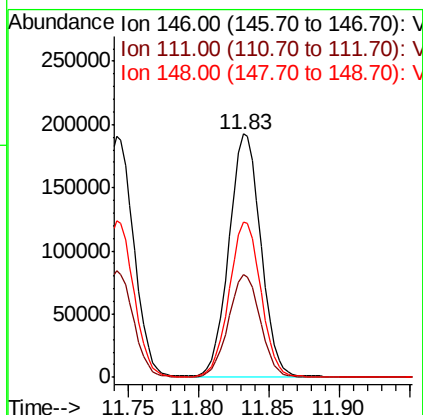
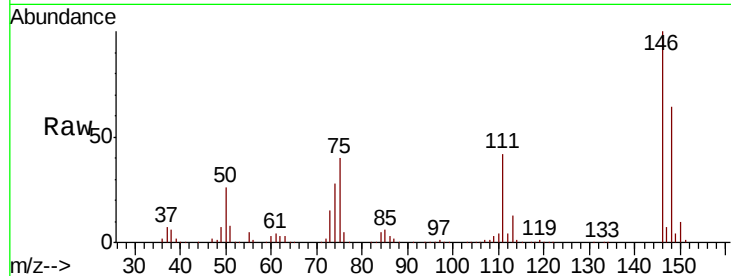




#83
 1,4-Dichlorobenzene
 Concen: 21.394 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

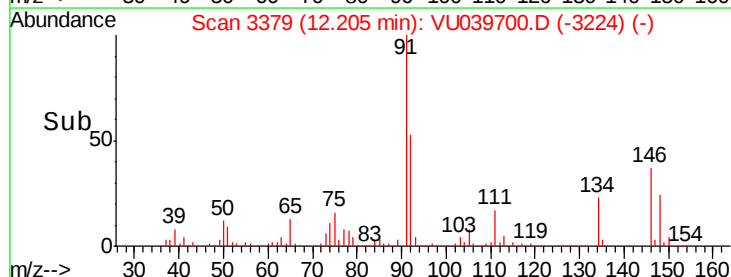
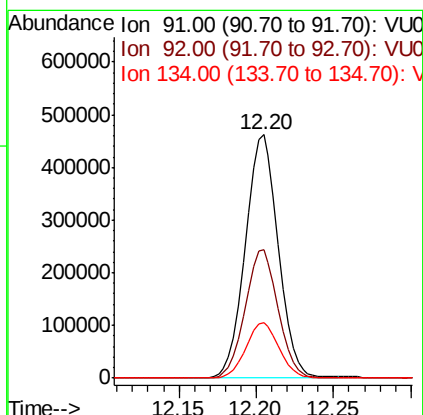
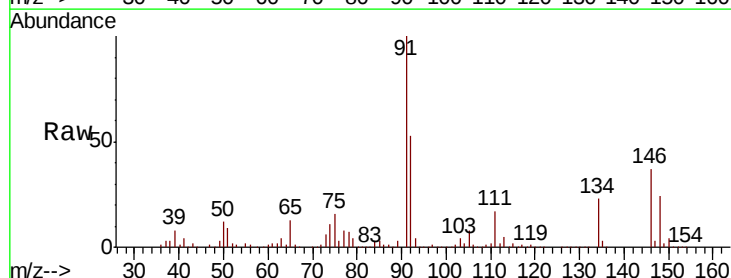
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

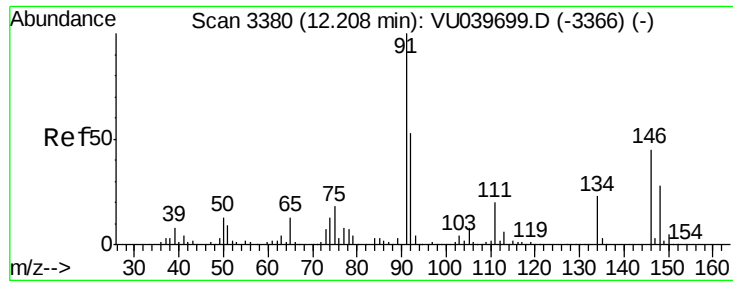
Tot Ion:146 Resp: 303852
 Ion Ratio Lower Upper
 146 100
 111 42.2 33.8 50.6
 148 63.9 51.1 76.7



#84
 n-Butylbenzene
 Concen: 24.580 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 91 Resp: 686336
 Ion Ratio Lower Upper
 91 100
 92 52.6 42.6 64.0
 134 22.9 18.2 27.4

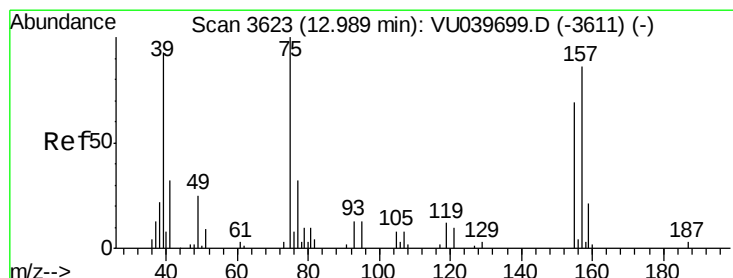
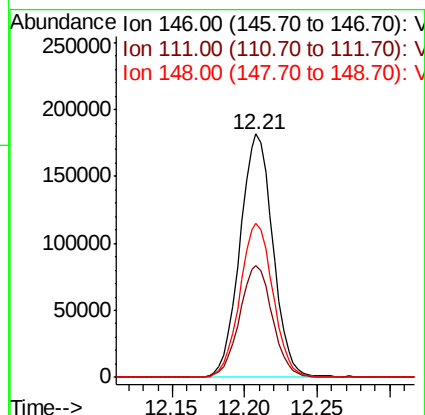
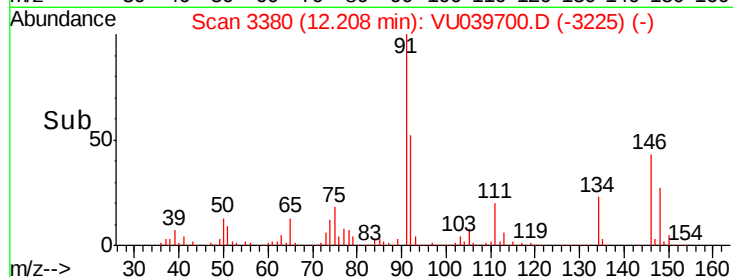
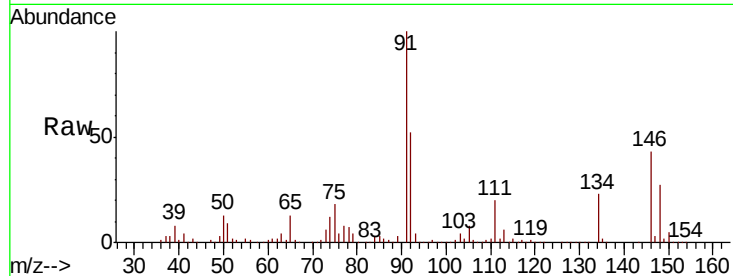




#85
 1,2-Dichlorobenzene
 Concen: 21.814 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

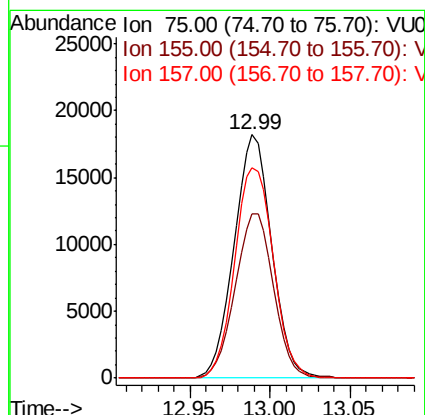
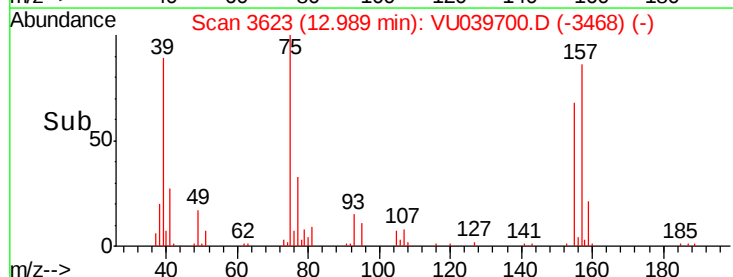
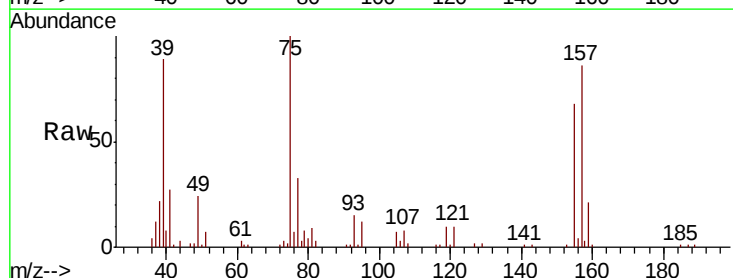
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

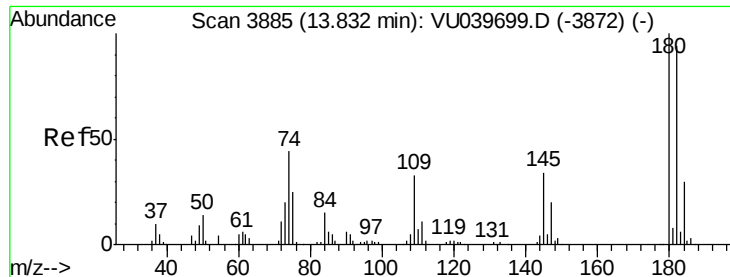
Tot Ion:146 Resp: 287283
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.8 68.3
 148 63.5 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 29.079 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 75 Resp: 29056
 Ion Ratio Lower Upper
 75 100
 155 69.1 52.9 79.3
 157 88.6 67.8 101.6

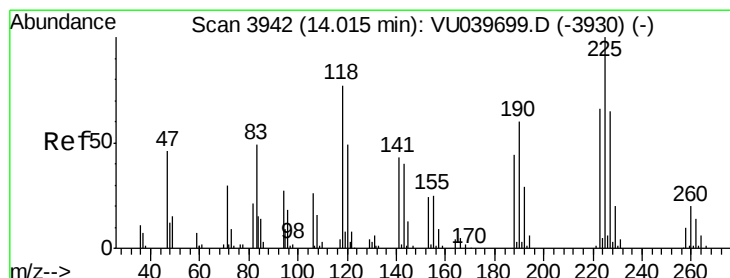
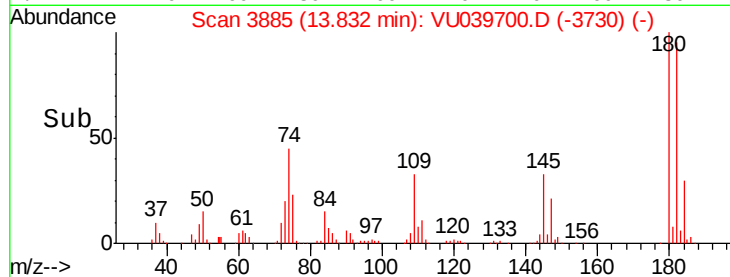
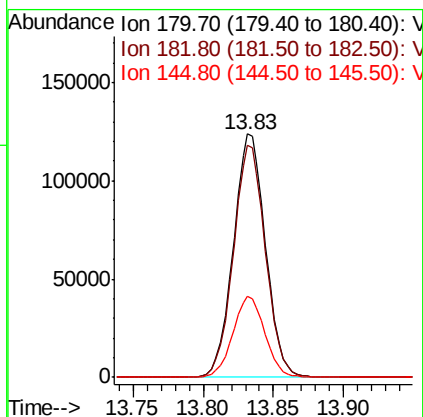
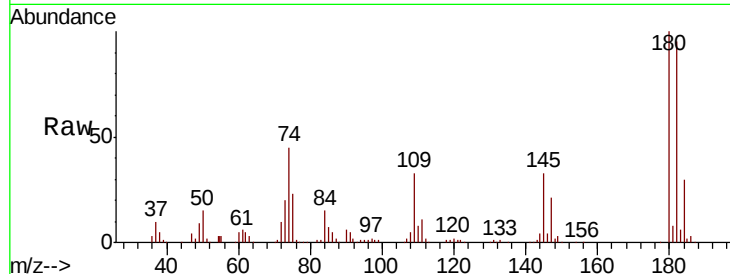




#87
 1,2,4-Trichlorobenzene
 Concen: 20.868 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

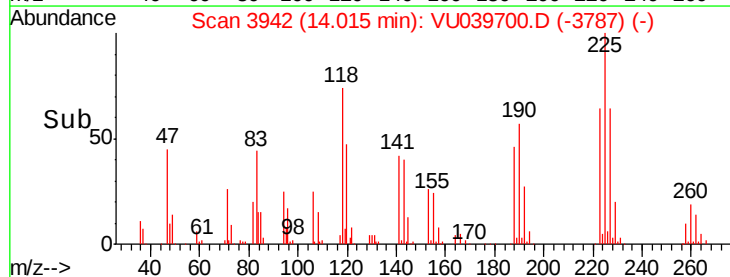
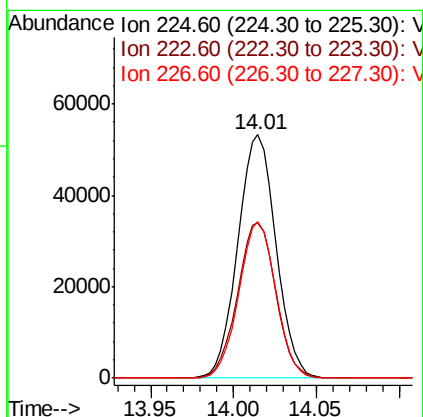
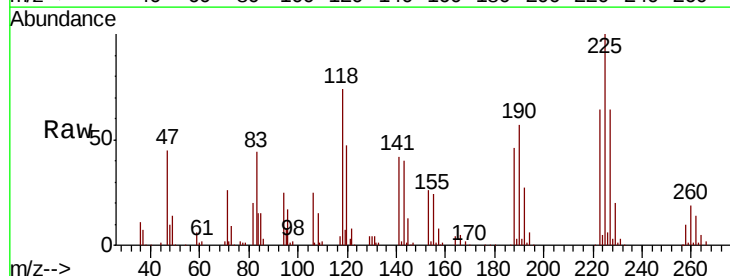
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

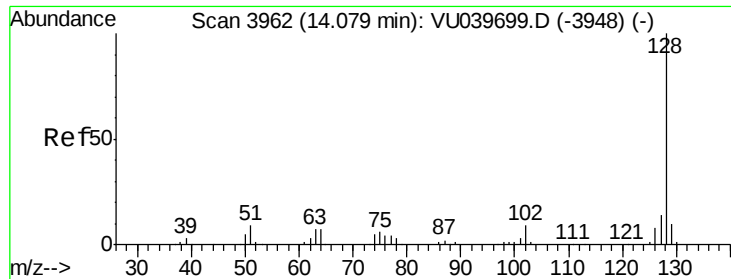
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	33.1	26.8	40.2



#88
 Hexachlorobutadiene
 Concen: 20.432 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039700.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.4	78.6
227	62.3	50.7	76.1

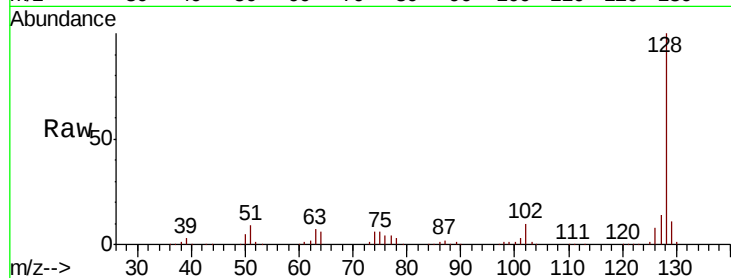




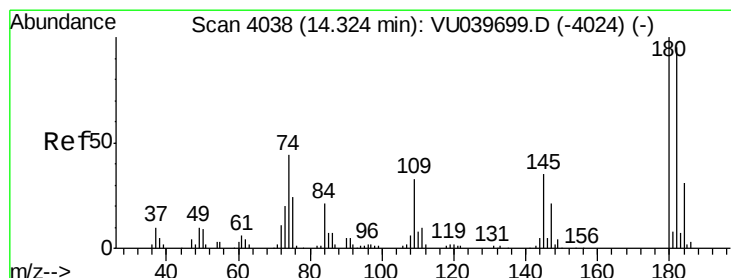
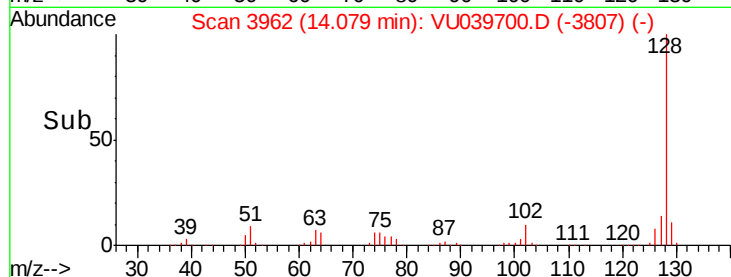
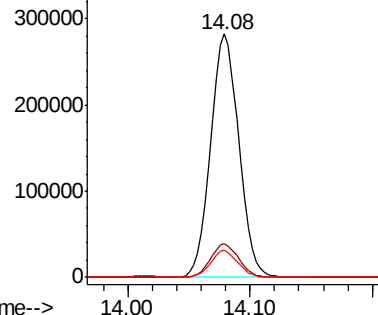
#89
Naphthalene
Concen: 24.249 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 449988
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.7 8.4 12.6

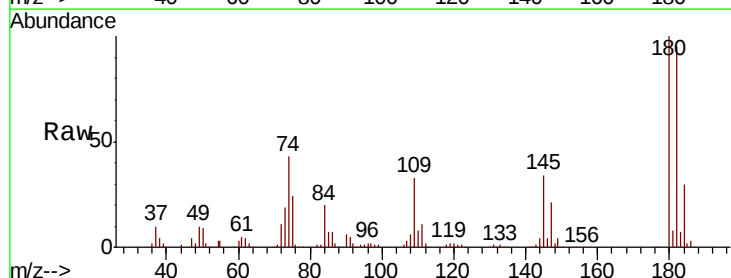


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 21.677 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039700.D
Acq: 29 Jul 2020 13:07

Tgt Ion:180 Resp: 183124
Ion Ratio Lower Upper
180 100
182 94.5 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

