

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
 Data File : VU038009.D
 Acq On : 05 May 2020 10:29
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 06 00:56:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	86212	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	37186	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	31428	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	292562	9.998	ug/l	99
3) Chloromethane	1.54	50	333226	9.618	ug/l	100
4) Vinyl Chloride	1.62	62	340821	9.876	ug/l	99
5) Bromomethane	1.87	94	174517	8.428	ug/l	99
6) Chloroethane	1.95	64	200568	9.729	ug/l	97
7) Trichlorofluoromethane	2.16	101	363454	10.103	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	230055	10.258	ug/l	98
9) 1,1-Dichloroethene	2.60	96	221955	9.857	ug/l	99
10) Iodomethane	2.75	142	221801	10.237	ug/l	99
11) Allyl Chloride	2.95	41	421511	10.090	ug/l	99
12) Acrylonitrile	3.35	53	129241	20.996	ug/l	98
13) Acetone	2.65	43	257870	52.374	ug/l	99
14) Carbon Disulfide	2.82	76	800997	9.742	ug/l	100
15) Methylene Chloride	3.07	84	256193	9.738	ug/l	99
16) trans-1,2-Dichloroethene	3.38	96	245530	9.965	ug/l	97
17) 1,1-Dichloroethane	3.91	63	469479	10.046	ug/l	99
18) 2-Butanone	4.75	43	373412	50.580	ug/l	100
19) Cyclohexane	5.42	56	403308	8.900	ug/l	89
20) Methylcyclohexane	6.79	83	460144	10.358	ug/l	99
21) 2,2-Dichloropropane	4.70	77	388873	9.957	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	261497	10.039	ug/l	98
23) Diethyl Ether	2.40	59	201341	10.195	ug/l	99
24) tert-Butyl Alcohol	3.22	59	186387	85.048	ug/l	98
25) Methyl tert-Butyl Ether	3.40	73	623515	10.106	ug/l	99
26) Bromochloromethane	5.01	128	104760	9.993	ug/l	97
27) Chloroform	5.13	83	432131	9.860	ug/l	100
28) 1,1,1-Trichloroethane	5.35	97	360832	9.991	ug/l	99
29) 1,1-Dichloropropene	5.56	75	365213	10.047	ug/l	99
30) Carbon Tetrachloride	5.56	117	303733	10.051	ug/l	99
31) Isopropyl Ether	4.04	45	777516	10.110	ug/l	99
32) Ethyl-t-butyl ether	4.55	59	679381	9.783	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	588286	9.829	ug/l	100
34) Propionitrile	4.82	54	100555	47.574	ug/l	99
35) Benzene	5.81	78	1016048	9.989	ug/l	100
36) 1,2-Dichloroethane	5.83	62	302943	10.067	ug/l	100
37) Trichloroethene	6.57	130	256443	9.602	ug/l	96
38) 1,2-Dichloropropane	6.82	63	271482	9.919	ug/l	98
39) Methacrylonitrile	5.02	41	96363	9.733	ug/l	99
40) Methyl acrylate	4.89	55	150391	10.308	ug/l	99
41) Tetrahydrofuran	5.10	42	93305	18.893	ug/l	99
42) 1-Chlorobutane	5.49	56	525542	10.035	ug/l	100

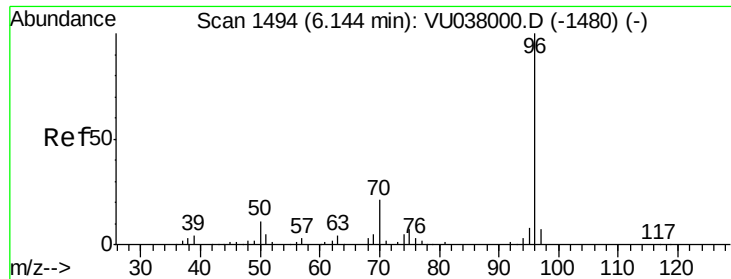
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
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 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	128873	10.107	ug/l	98
44) Bromodichloromethane	7.13	83	325721	10.170	ug/l	100
45) 4-Methyl-2-Pentanone	7.82	43	878120	50.531	ug/l	99
46) t-1,4-Dichloro-2-butene	10.84	75	290380	54.040	ug/l #	39
47) Methyl methacrylate	6.99	69	268243	20.687	ug/l	98
48) Ethyl methacrylate	8.36	69	245671	10.234	ug/l	99
49) Toluene	7.99	92	648947	10.091	ug/l	99
50) t-1,3-Dichloropropene	8.23	75	329394	10.067	ug/l	100
51) cis-1,3-Dichloropropene	7.63	75	398815	10.150	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	181119	10.031	ug/l	98
53) 1,3-Dichloropropane	8.60	76	344386	10.160	ug/l	100
54) 2-Hexanone	8.71	43	614511	50.099	ug/l	100
55) Dibromochloromethane	8.83	129	204676	10.231	ug/l	100
56) 1,2-Dibromoethane	8.95	107	169486	9.951	ug/l	99
58) Tetrachloroethene	8.57	164	252735	10.139	ug/l	99
59) Chlorobenzene	9.47	112	682009	9.988	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	207618	10.015	ug/l	98
61) Pentachloroethane	11.45	117	150217	9.674	ug/l	98
62) Hexachloroethane	12.49	117	156174	9.663	ug/l	99
63) Ethyl Benzene	9.59	91	1236129	10.175	ug/l	100
64) m/p-Xylenes	9.71	106	962014	20.574	ug/l	100
65) o-Xylene	10.12	106	456503	10.016	ug/l	99
66) Styrene	10.13	104	779139	10.375	ug/l	99
67) Bromoform	10.31	173	106744	10.144	ug/l	99
69) Isopropylbenzene	10.50	105	1205331	10.128	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	233096	10.074	ug/l	96
71) 1,2,3-Trichloropropane	10.84	75	290380	16.971	ug/l	70
72) Bromobenzene	10.80	156	266550	10.027	ug/l	99
73) n-propylbenzene	10.92	120	334778	10.251	ug/l	96
74) 2-Chlorotoluene	11.00	126	274712	10.022	ug/l	99
75) 1,3,5-Trimethylbenzene	11.10	105	1023942	10.395	ug/l	99
76) 4-Chlorotoluene	11.11	126	289526	10.170	ug/l	100
77) tert-Butylbenzene	11.44	119	937341	9.997	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	1038832	10.242	ug/l	99
79) sec-Butylbenzene	11.66	105	1375249	10.240	ug/l	100
80) Nitrobenzene	13.23	77	32108	46.808	ug/l	98
81) p-Isopropyltoluene	11.81	119	1125097	10.380	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	541113	9.831	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	539266	9.678	ug/l	100
84) n-Butylbenzene	12.22	91	1131766	10.459	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	508482	9.925	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	36356	9.979	ug/l	97
87) 1,2,4-Trichlorobenzene	13.87	180	358045	9.558	ug/l	99
88) Hexachlorobutadiene	14.06	225	155507	9.285	ug/l	97
89) Naphthalene	14.12	128	718473	9.975	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	326748	9.791	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 86212

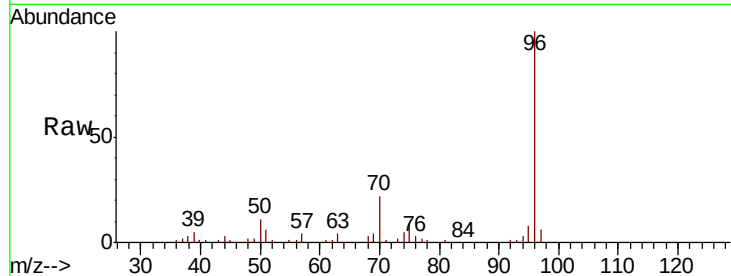
Ion Ratio Lower Upper

96 100

70 17.8 14.4 21.6

95 8.7 7.1 10.7

97 0.0 0.0 0.0

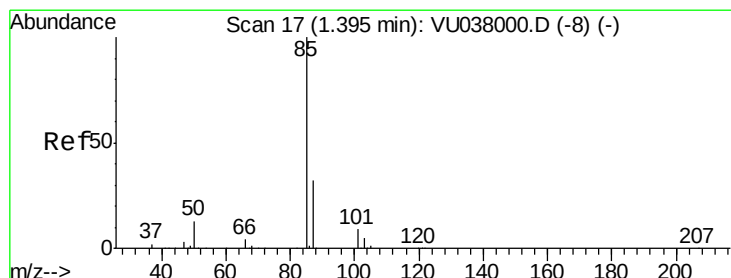
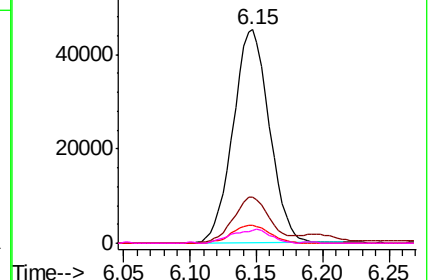
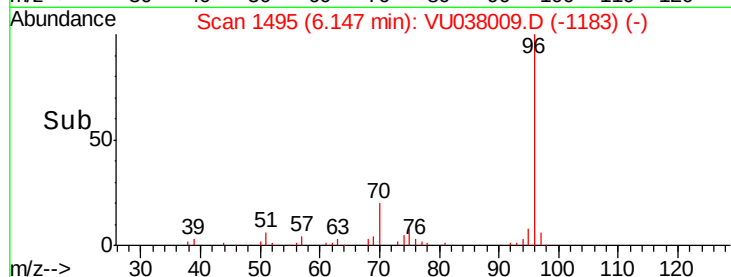


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.998 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038009.D

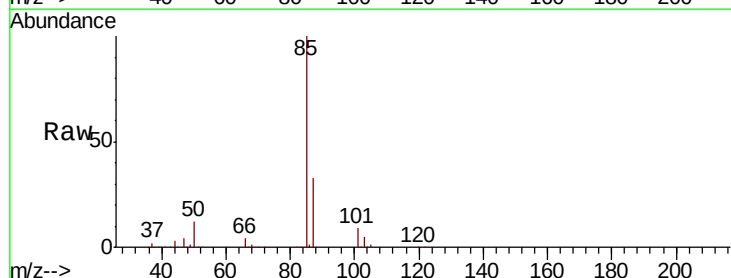
Acq: 05 May 2020 10:29

Tgt Ion: 85 Resp: 292562

Ion Ratio Lower Upper

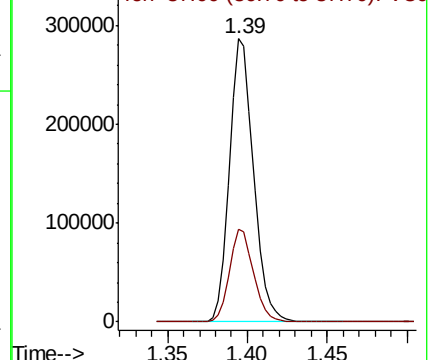
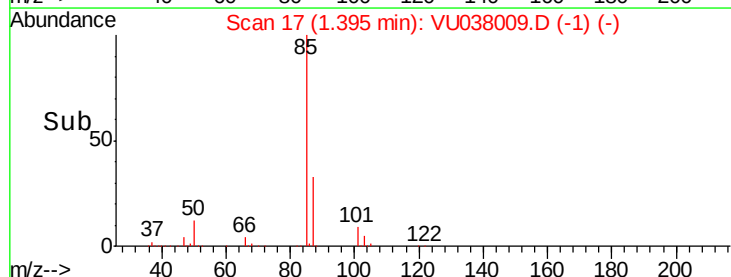
85 100

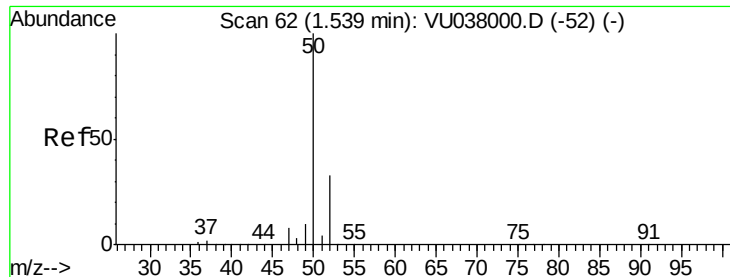
87 32.9 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.618 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

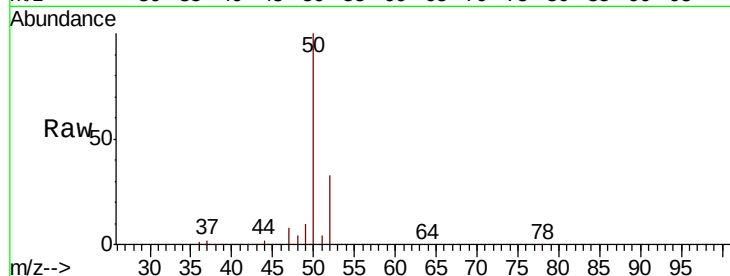
ClientSampleId :

Tot Ion: 50 Resp: 333226

Ion Ratio Lower Upper

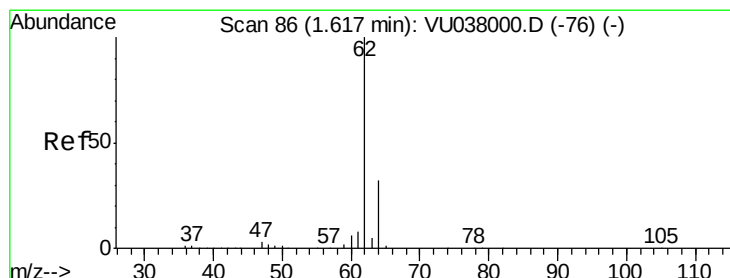
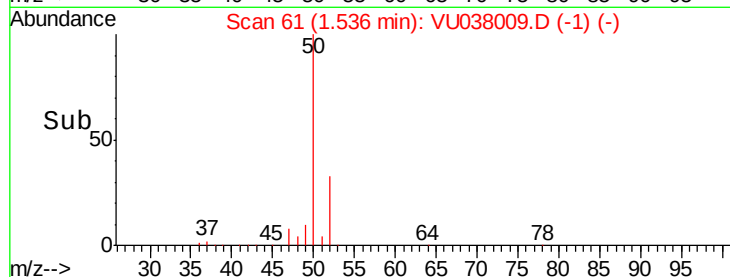
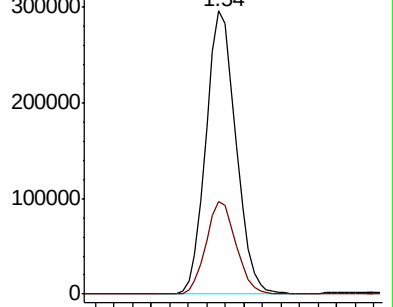
50 100

52 32.7 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU038009.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU038009.D (-52) (-)



#4

Vinyl Chloride

Concen: 9.876 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038009.D

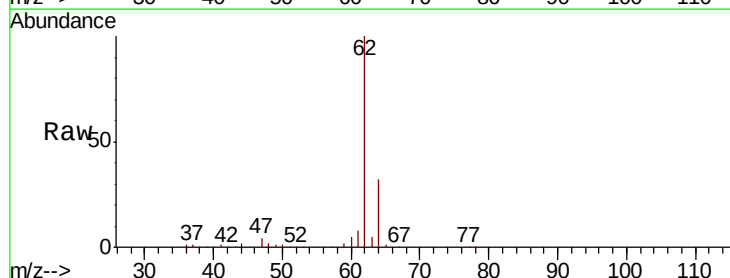
Acq: 05 May 2020 10:29

Tgt Ion: 62 Resp: 340821

Ion Ratio Lower Upper

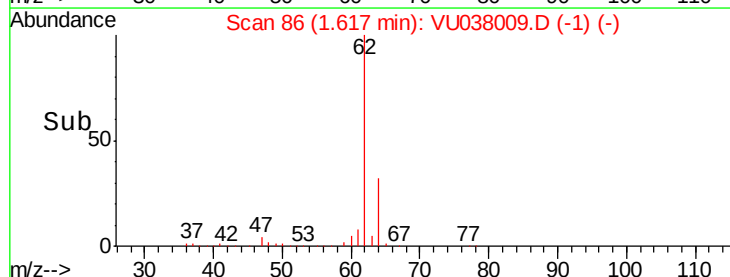
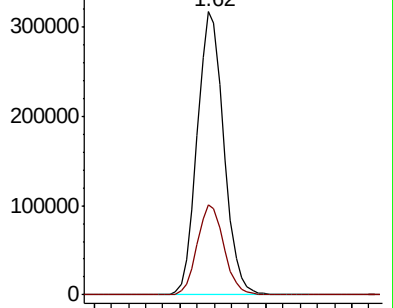
62 100

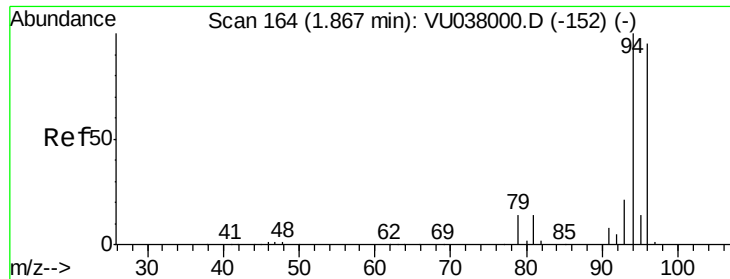
64 31.6 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038009.D (-76) (-)

Ion 64.00 (63.70 to 64.70): VU038009.D (-76) (-)





#5

Bromomethane

Concen: 8.428 ug/l

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

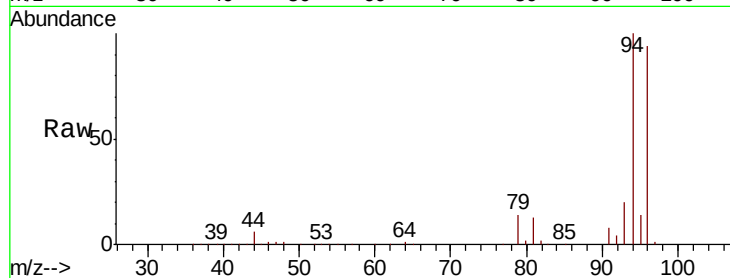
ClientSampled :

Tot Ion: 94 Resp: 174517

Ion Ratio Lower Upper

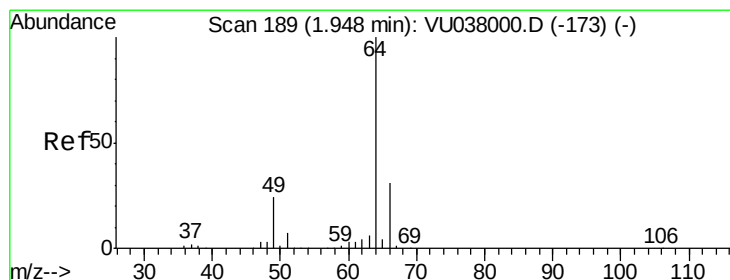
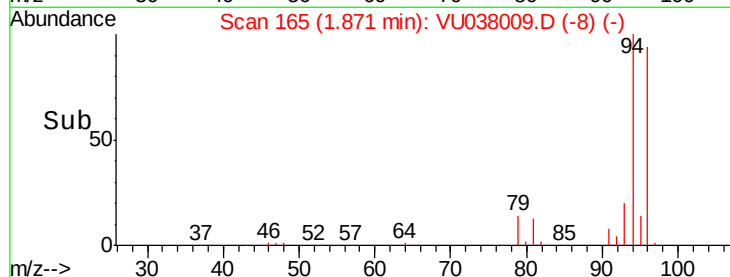
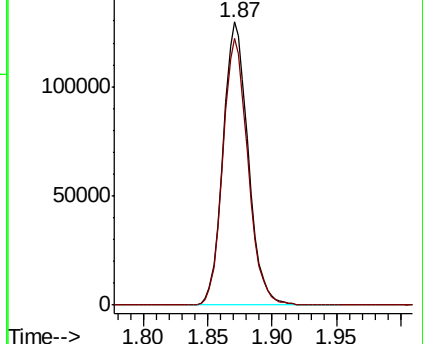
94 100

96 94.3 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VU038009.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU038009.D (-152) (-)



#6

Chloroethane

Concen: 9.729 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038009.D

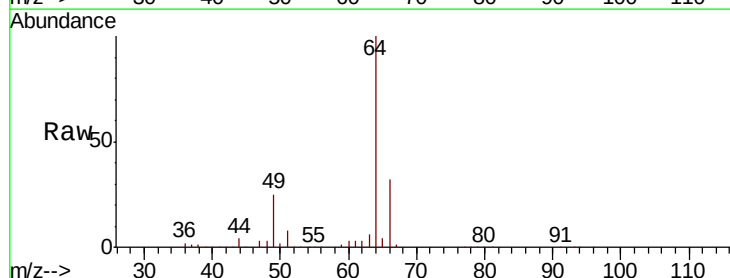
Acq: 05 May 2020 10:29

Tgt Ion: 64 Resp: 200568

Ion Ratio Lower Upper

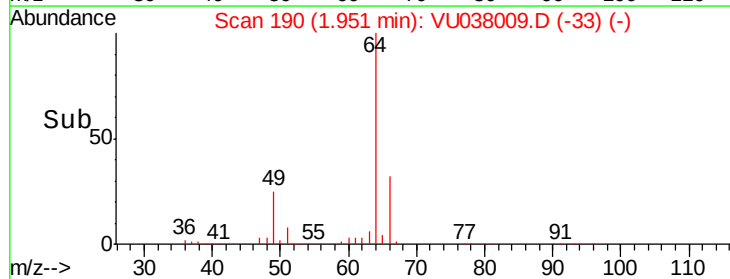
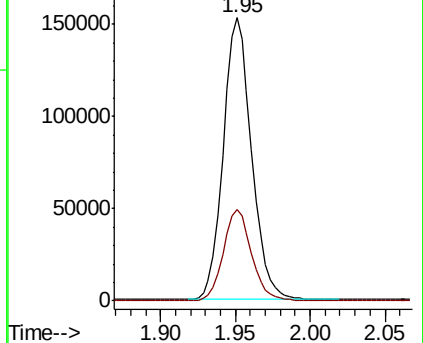
64 100

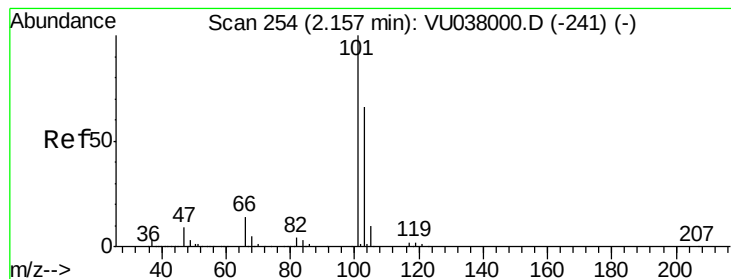
66 32.6 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU038009.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VU038009.D (-33) (-)



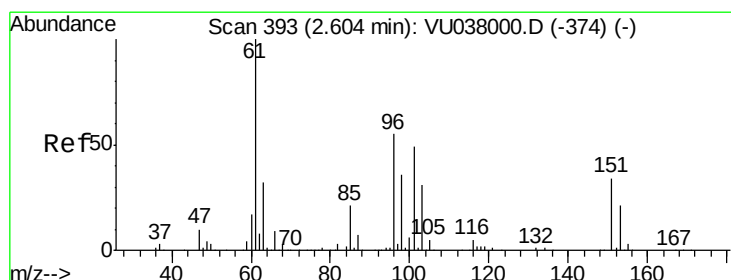
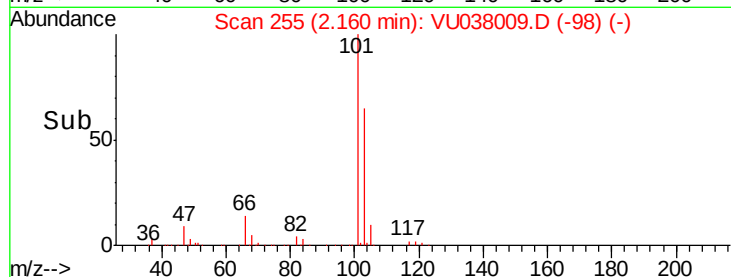
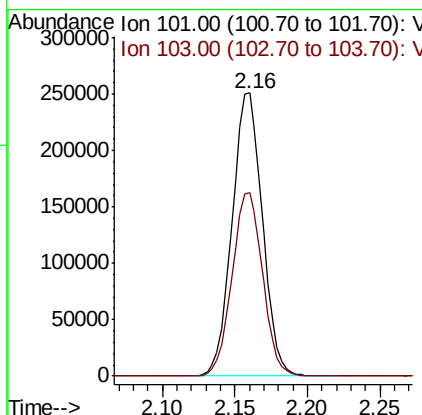
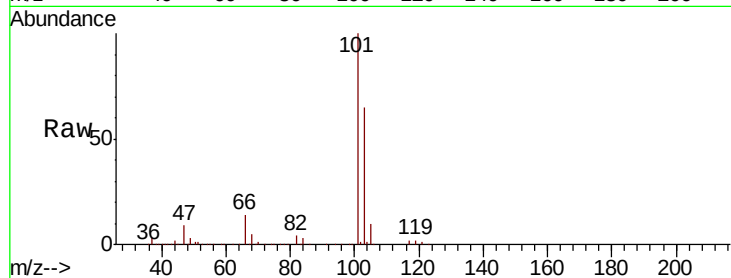


#7

Trichlorofluoromethane
 Concen: 10.103 ug/l
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Instrument :
 MSVOA_U
 ClientSampled :

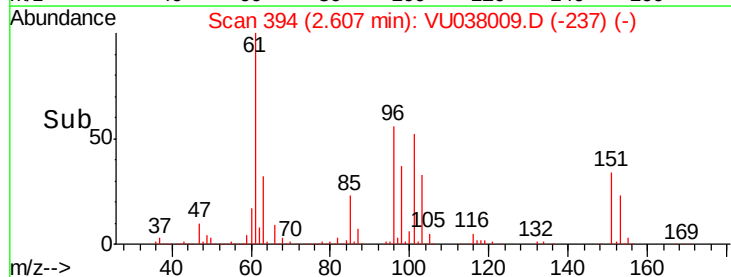
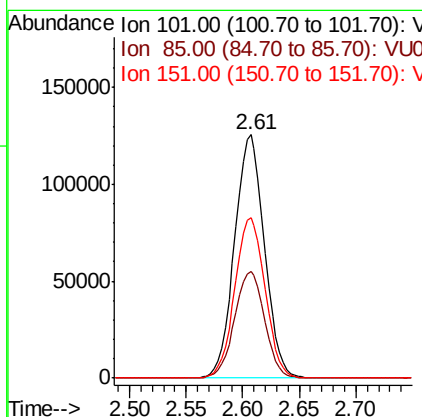
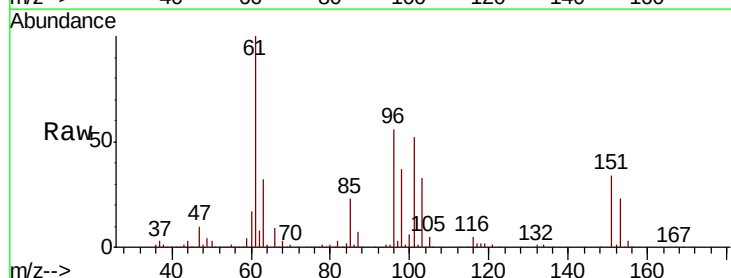
Tot Ion:101 Resp: 363454
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8

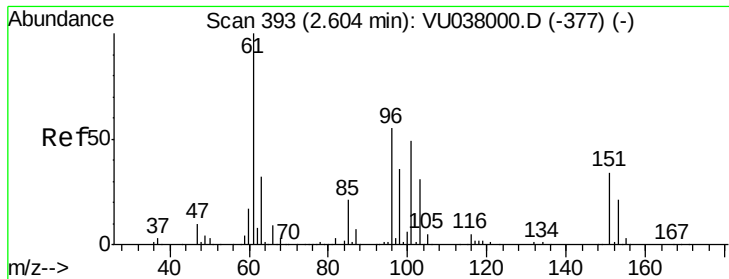


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.258 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion:101 Resp: 230055
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.5 53.3
 151 67.0 55.2 82.8





#9

1,1-Dichloroethene

Concen: 9.857 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

ClientSampled :

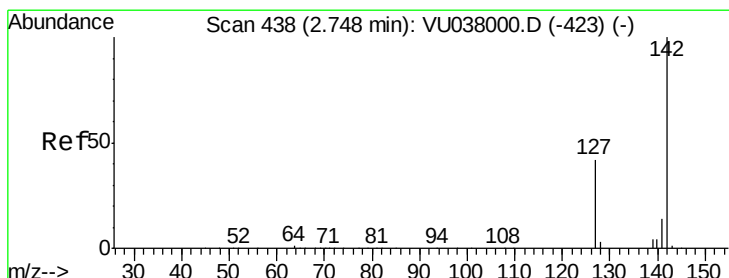
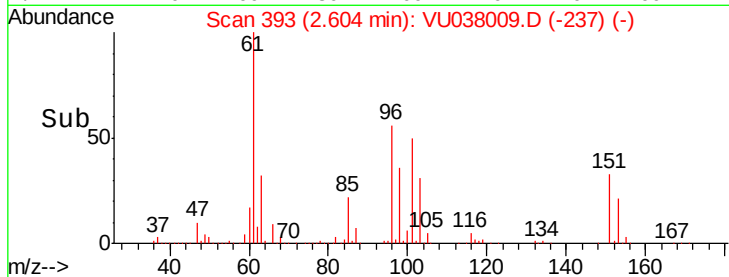
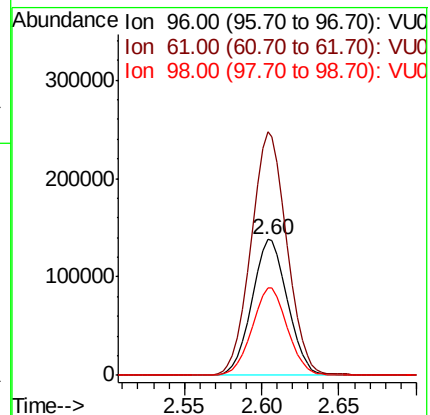
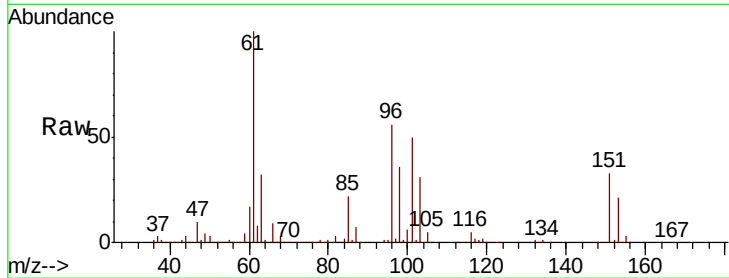
Tot Ion: 96 Resp: 221955

Ion Ratio Lower Upper

96 100

61 179.5 0.0 543.0

98 64.4 0.0 129.4



#10

Iodomethane

Concen: 10.237 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU038009.D

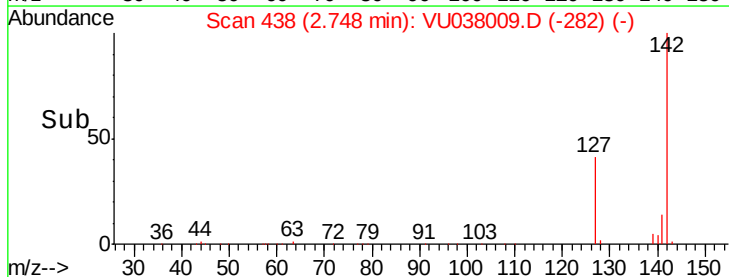
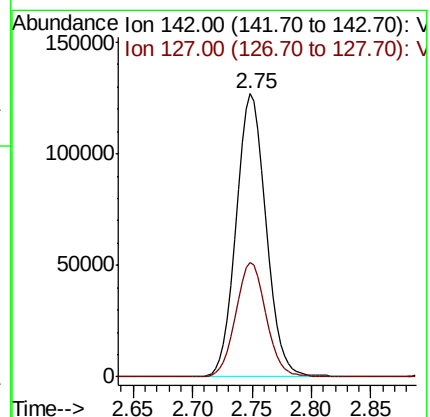
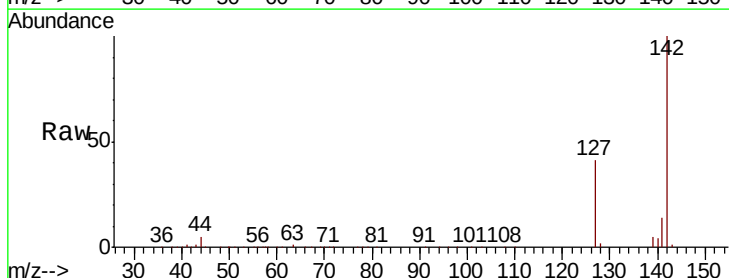
Acq: 05 May 2020 10:29

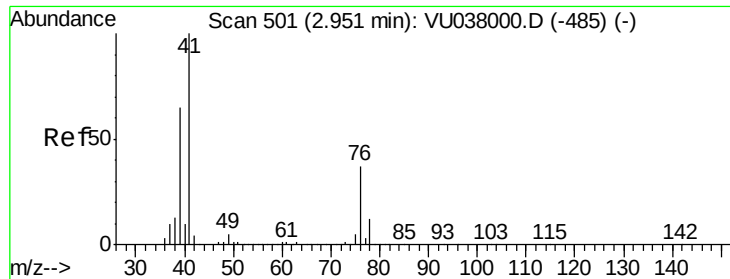
Tgt Ion: 142 Resp: 221801

Ion Ratio Lower Upper

142 100

127 41.1 33.5 50.3

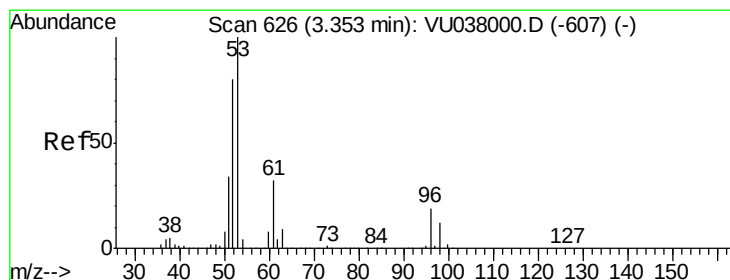
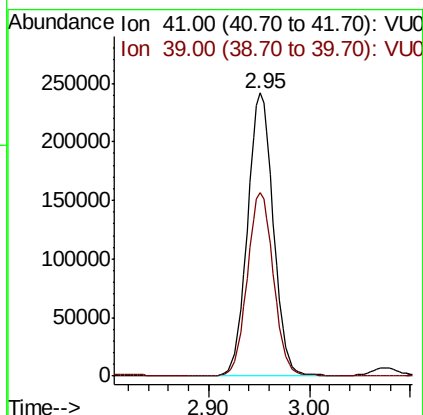
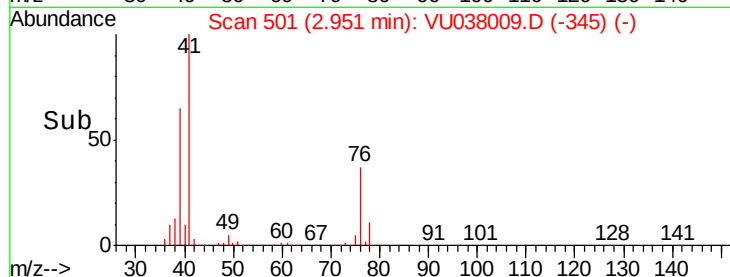
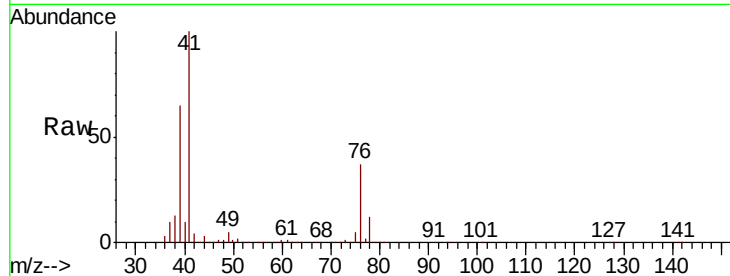




#11
Allvl Chloride
Concen: 10.090 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

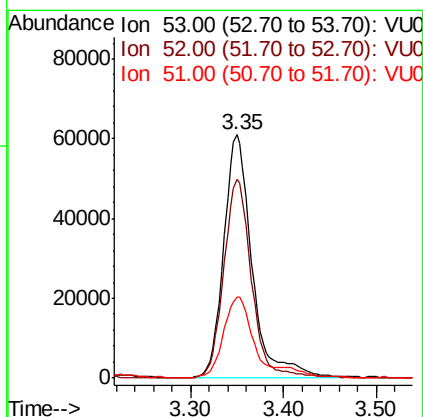
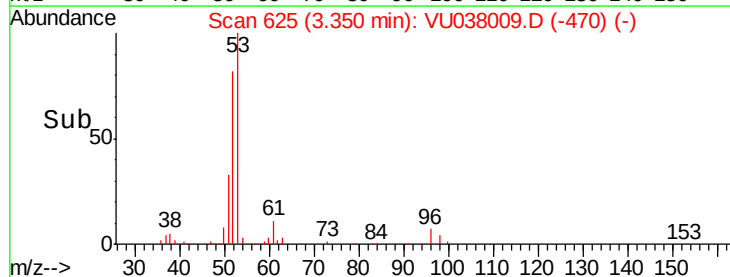
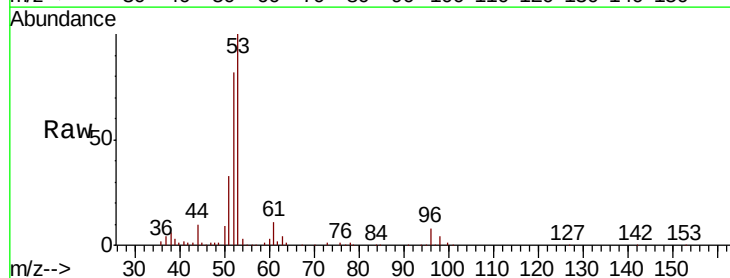
Instrument :
MSVOA_U
ClientSampled :

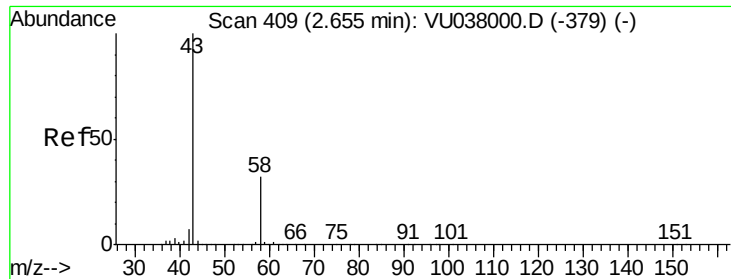
Tot Ion: 41 Resp: 421511
Ion Ratio Lower Upper
41 100
39 65.5 51.7 77.5



#12
Acrylonitrile
Concen: 20.996 ug/l
RT: 3.35 min Scan# 625
Delta R.T. -0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion: 53 Resp: 129241
Ion Ratio Lower Upper
53 100
52 79.6 63.3 94.9
51 33.9 30.2 45.2





#13

Acetone

Concen: 52.374 ug/l

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

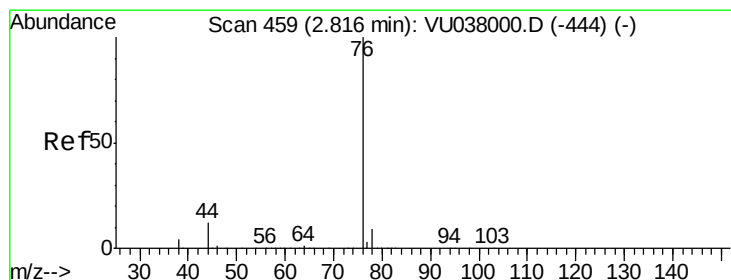
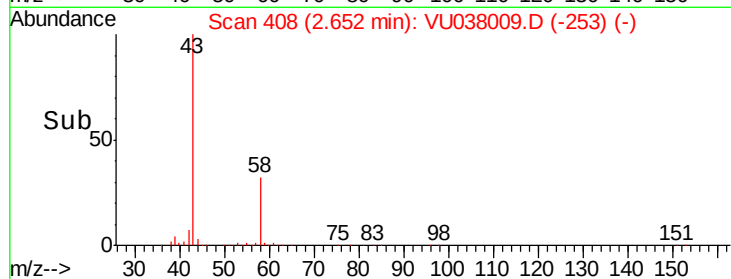
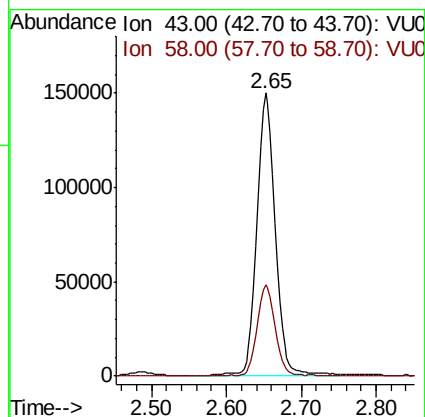
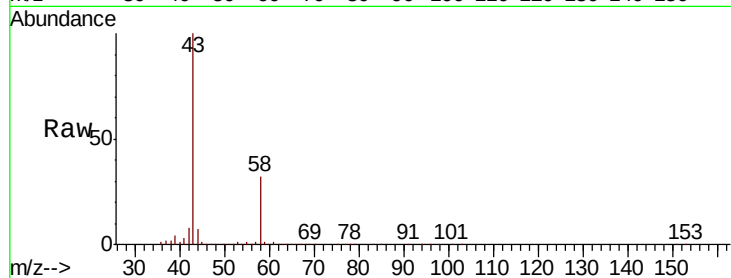
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 257870

Ion Ratio Lower Upper

43 100

58 32.2 25.2 37.8



#14

Carbon Disulfide

Concen: 9.742 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU038009.D

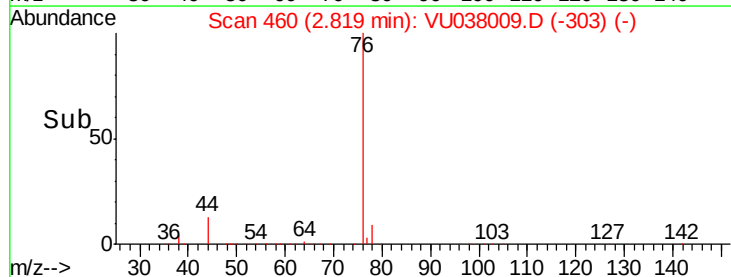
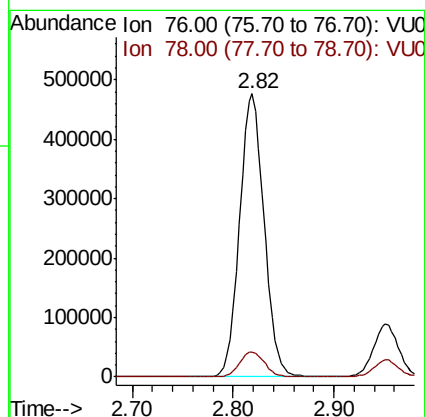
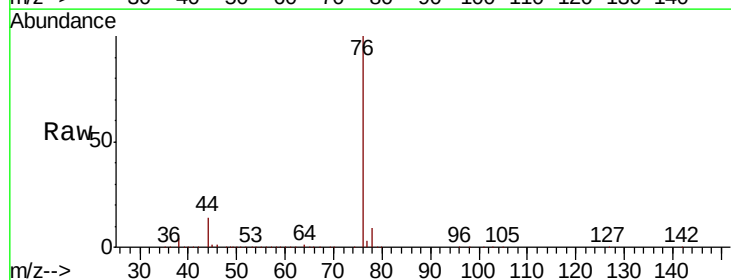
Acq: 05 May 2020 10:29

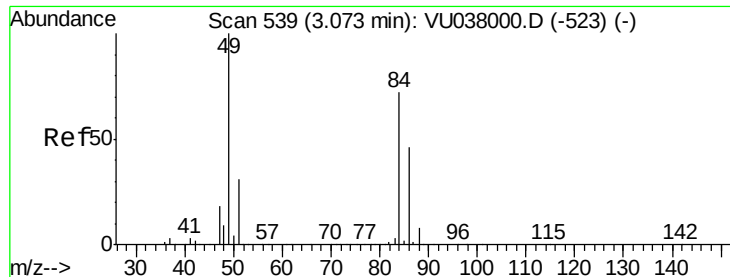
Tgt Ion: 76 Resp: 800997

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

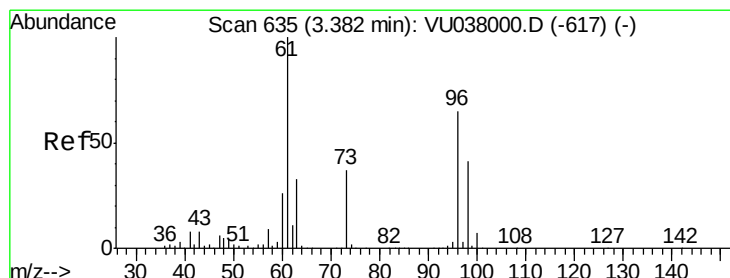
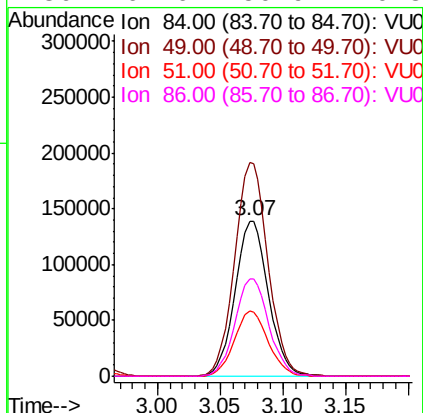
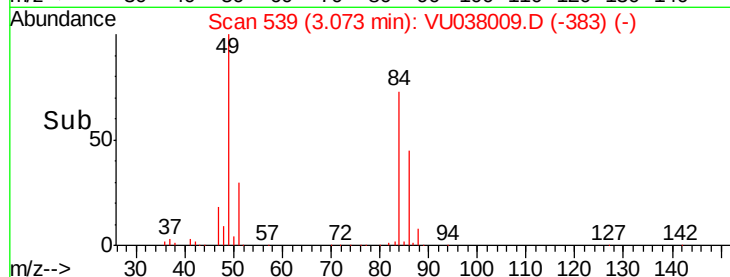
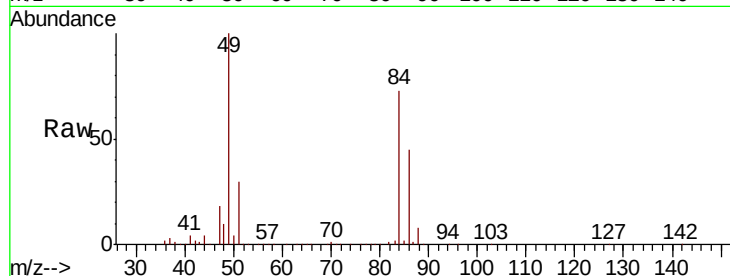




#15
Methvlene Chloride
Concen: 9.738 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

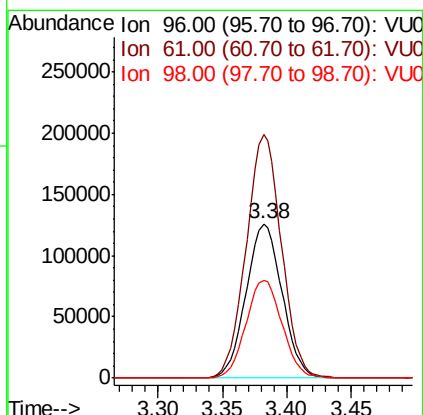
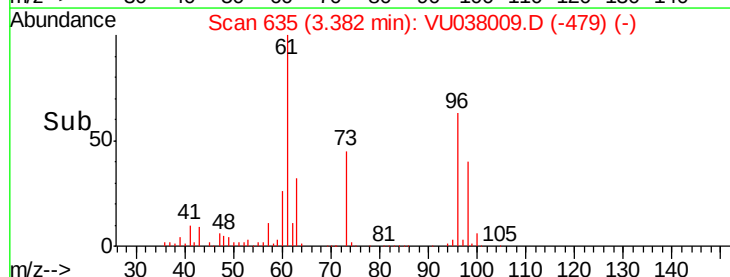
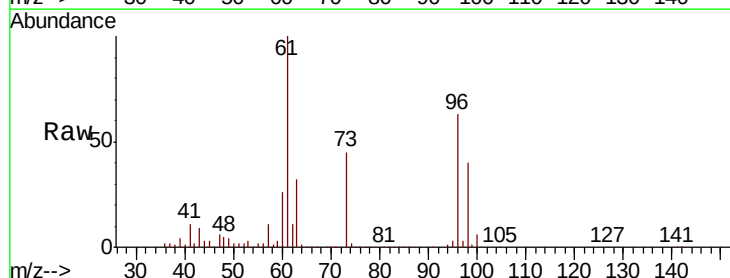
Instrument :
MSVOA_U
ClientSampled :

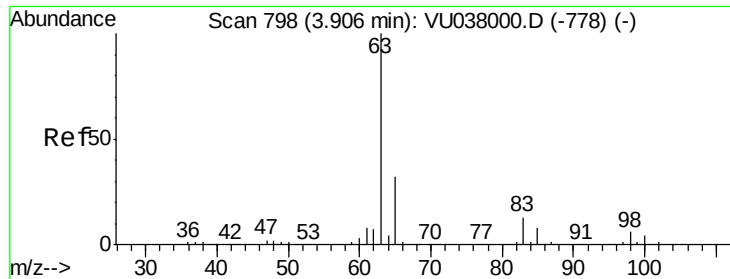
Tot Ion:	84	Resp:	256193
Ion	Ratio	Lower	Upper
84	100		
49	137.7	110.6	166.0
51	41.8	0.0	85.4
86	62.6	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 9.965 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion:	96	Resp:	245530
Ion	Ratio	Lower	Upper
96	100		
61	157.6	122.4	183.6
98	63.6	50.1	75.1

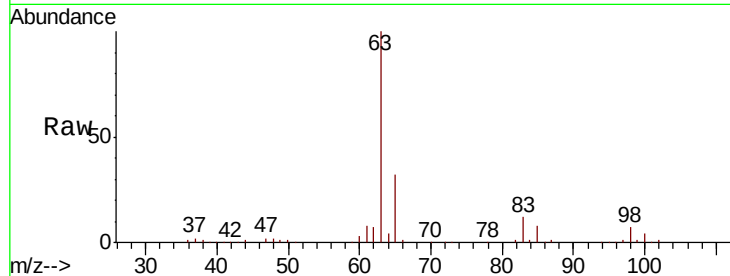




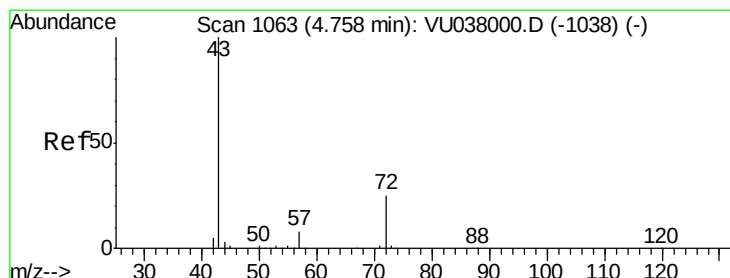
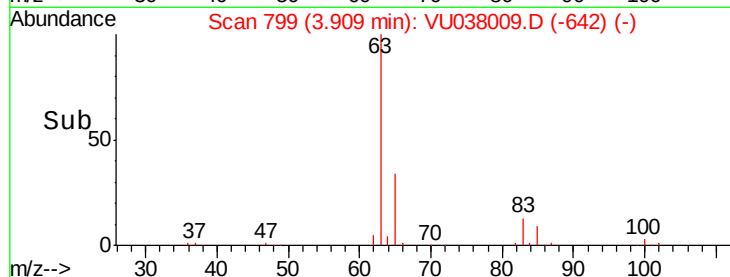
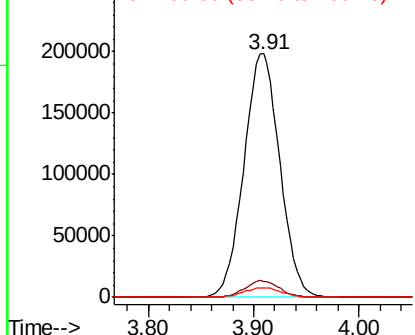
#17
 1,1-Dichloroethane
 Concen: 10.046 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 469479
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.1 2.2 6.6

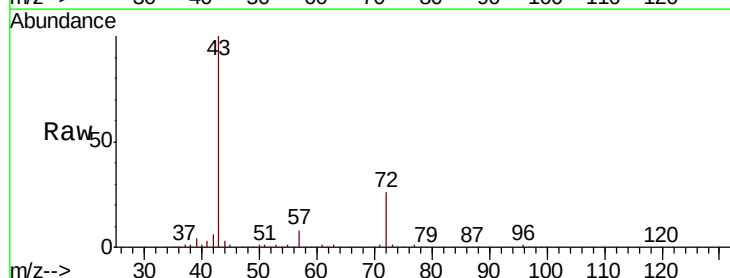


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

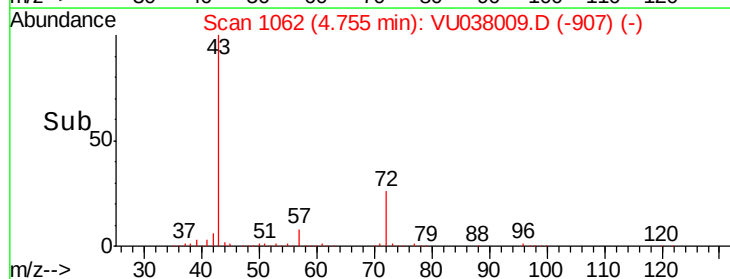
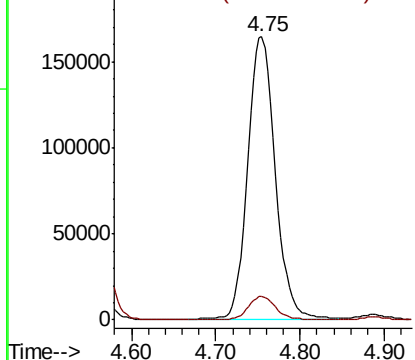


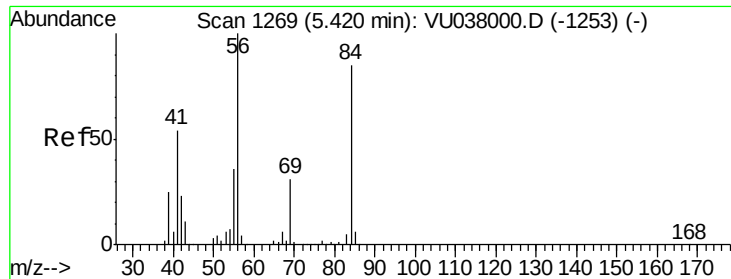
#18
 2-Butanone
 Concen: 50.580 ug/l
 RT: 4.75 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion: 43 Resp: 373412
 Ion Ratio Lower Upper
 43 100
 57 8.4 0.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

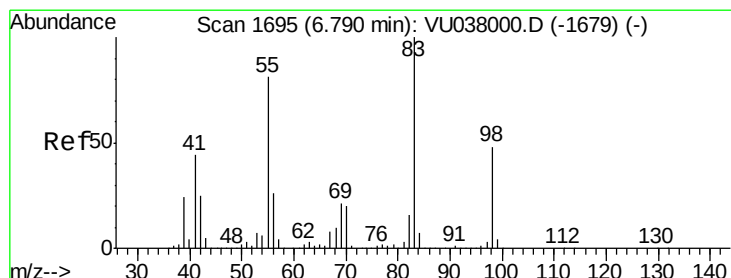
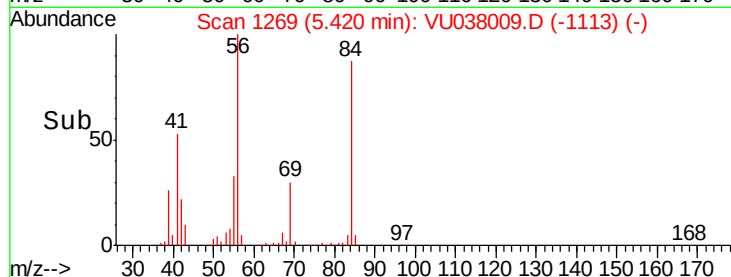
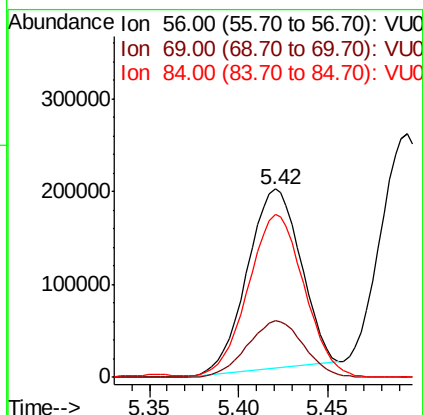
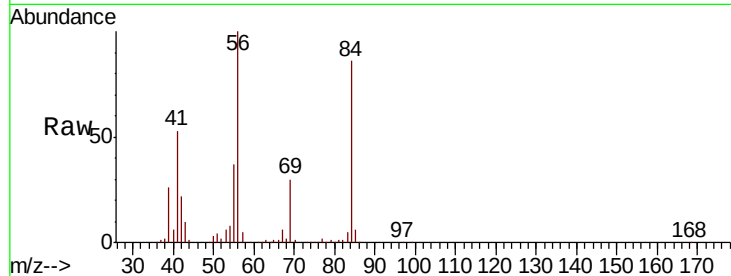




#19
Cyclohexane
Concen: 8.900 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

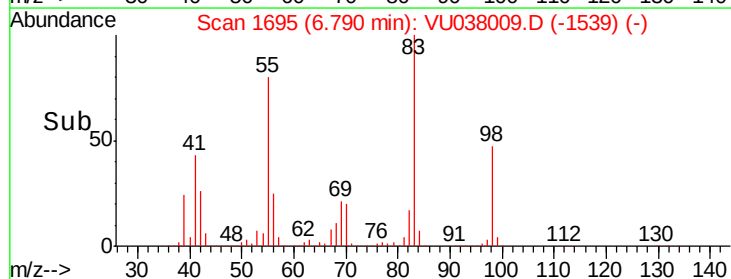
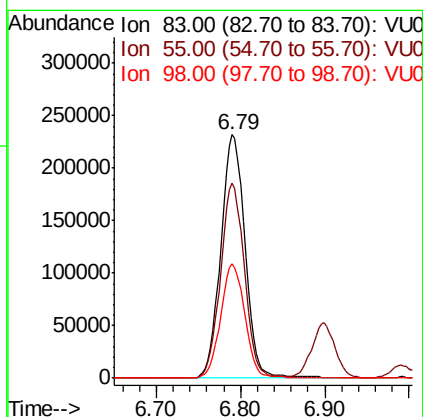
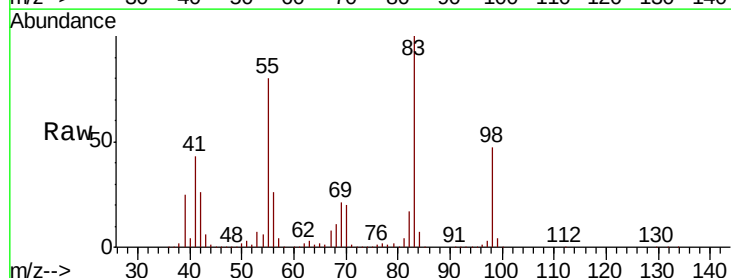
Instrument :
MSVOA_U
ClientSampleId :

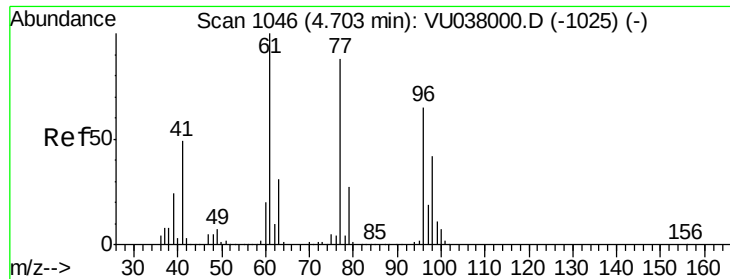
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.3	36.5
84	94.2	66.3	99.5



#20
Methylcyclohexane
Concen: 10.358 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.5	92.3
98	46.6	37.3	55.9





#21

2,2-Dichloropropane

Concen: 9.957 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

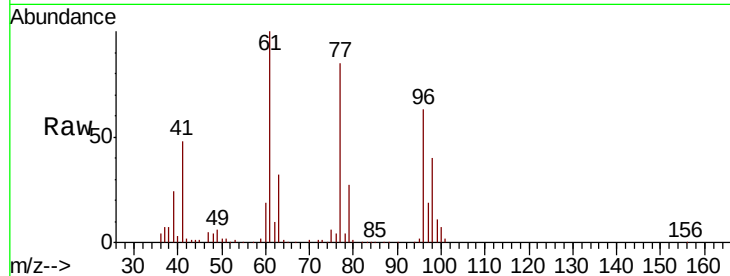
ClientSampled :

Tot Ion: 77 Resp: 388873

Ion Ratio Lower Upper

77 100

97 21.7 17.4 26.2



Abundance Ion 77.00 (76.70 to 77.70): VU038009.D (-890) (-)

Ion 97.00 (96.70 to 97.70): VU038009.D (-890) (-)

4.70

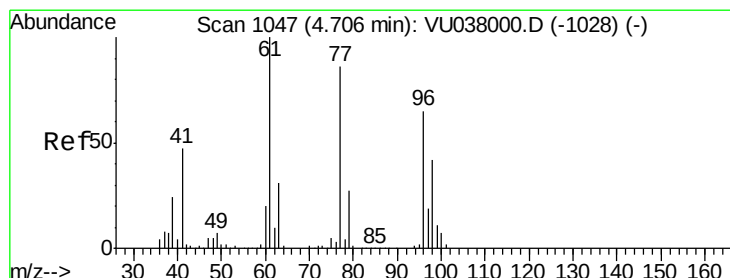
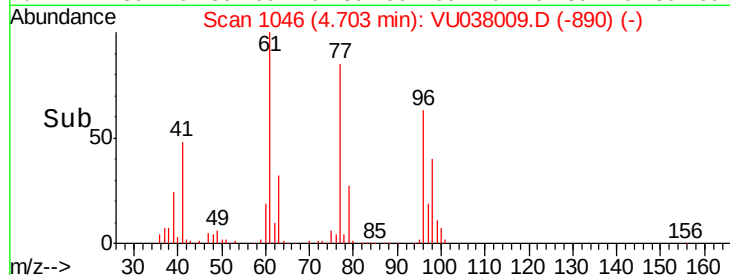
150000

100000

50000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.039 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

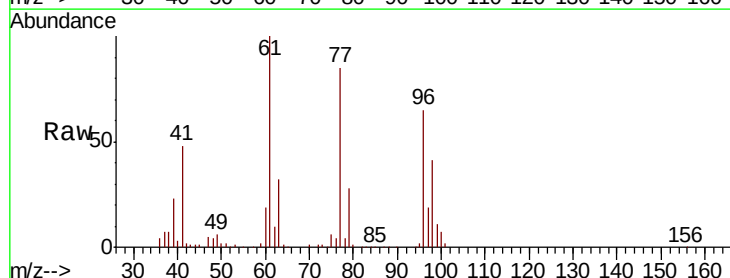
Tgt Ion: 96 Resp: 261497

Ion Ratio Lower Upper

96 100

61 158.5 0.0 389.3

98 64.2 32.1 96.3



Abundance Ion 96.00 (95.70 to 96.70): VU038009.D (-891) (-)

Ion 61.00 (60.70 to 61.70): VU038009.D (-891) (-)

Ion 98.00 (97.70 to 98.70): VU038009.D (-891) (-)

250000

200000

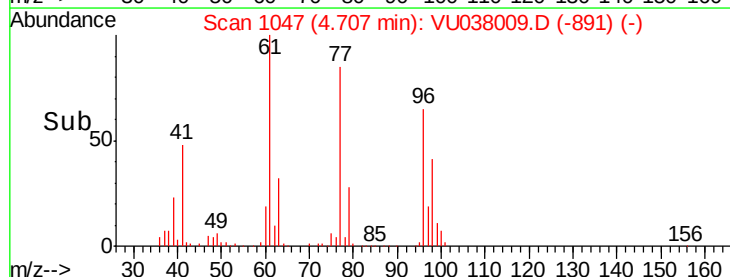
150000

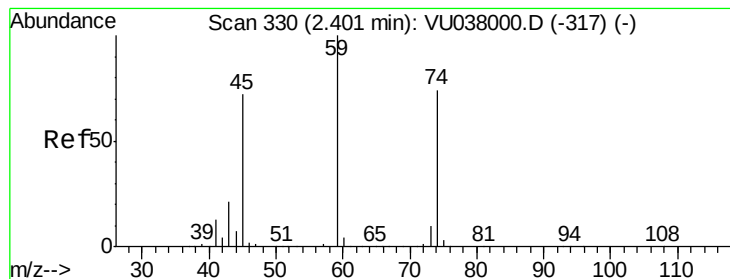
100000

50000

0

Time-->





#23

Diethyl Ether

Concen: 10.195 ug/l

RT: 2.40 min Scan# 330

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

ClientSampleId :

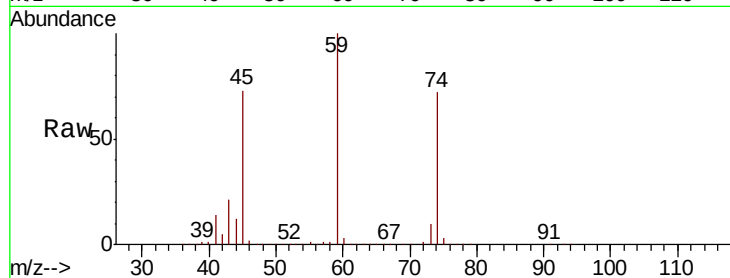
Tot Ion: 59 Resp: 201341

Ion Ratio Lower Upper

59 100

45 73.7 59.8 89.6

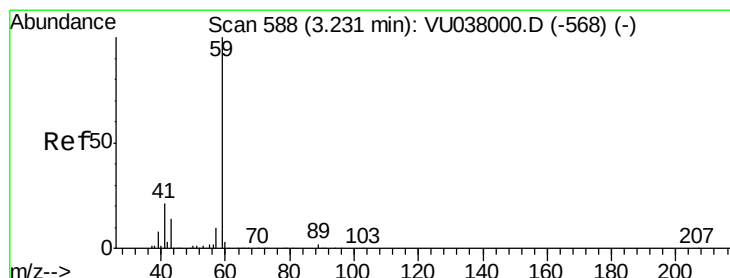
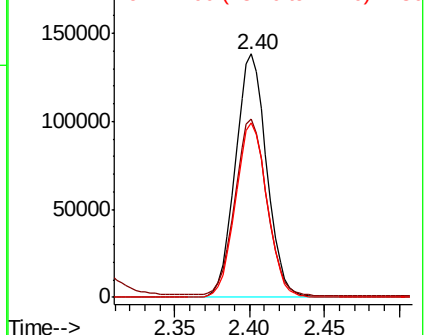
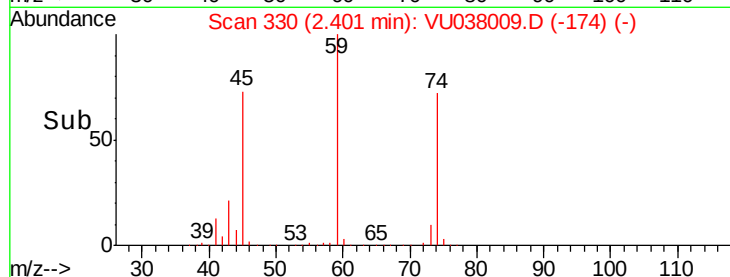
74 72.7 58.2 87.4



Abundance Ion 59.00 (58.70 to 59.70): VU038009.D (-174) (-)

Ion 45.00 (44.70 to 45.70): VU038009.D (-174) (-)

Ion 74.00 (73.70 to 74.70): VU038009.D (-174) (-)



#24

tert-Butyl Alcohol

Concen: 85.048 ug/l

RT: 3.22 min Scan# 586

Delta R.T. -0.01 min

Lab File: VU038009.D

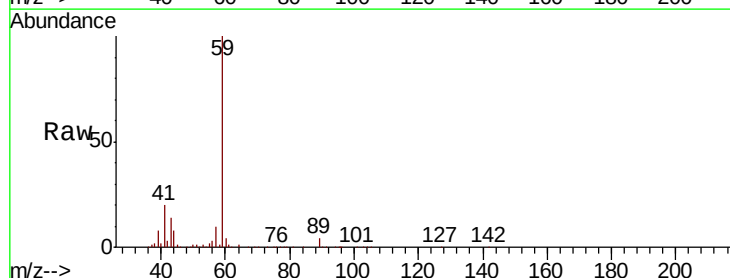
Acq: 05 May 2020 10:29

Tgt Ion: 59 Resp: 186387

Ion Ratio Lower Upper

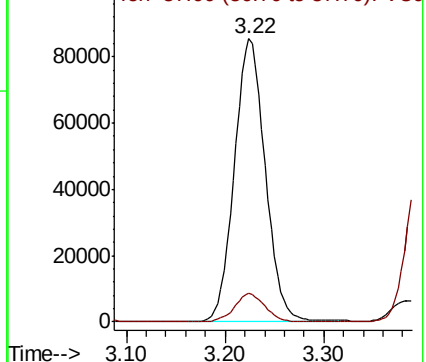
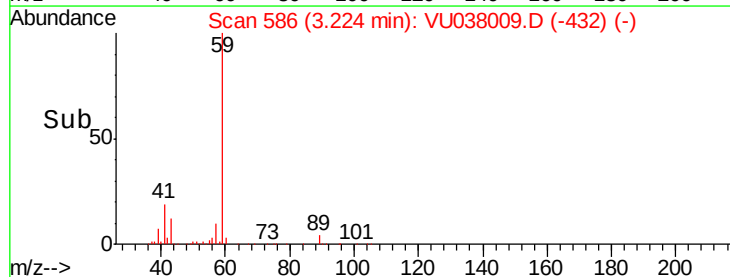
59 100

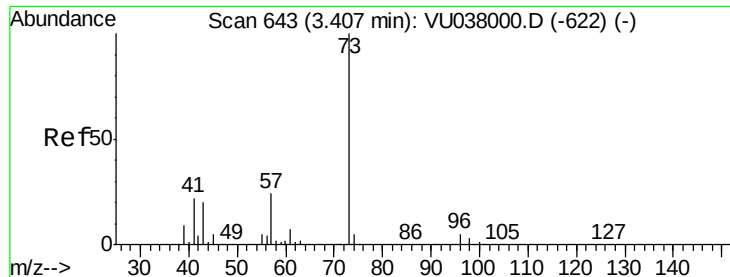
57 9.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VU038009.D (-432) (-)

Ion 57.00 (56.70 to 57.70): VU038009.D (-432) (-)



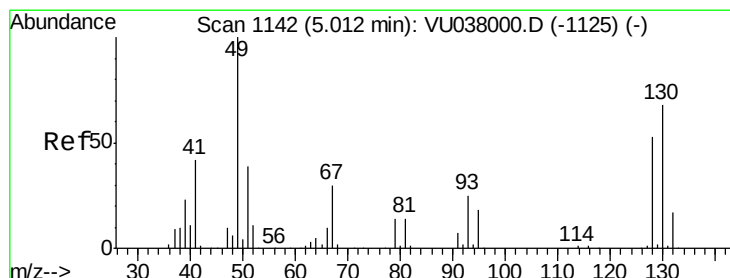
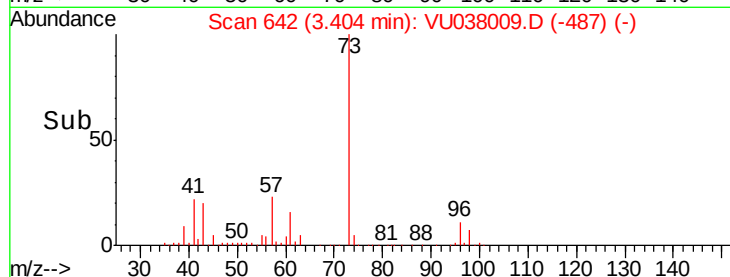
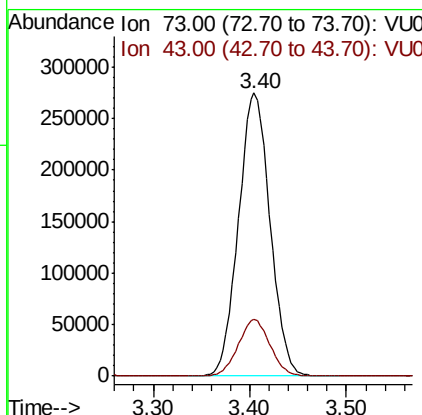
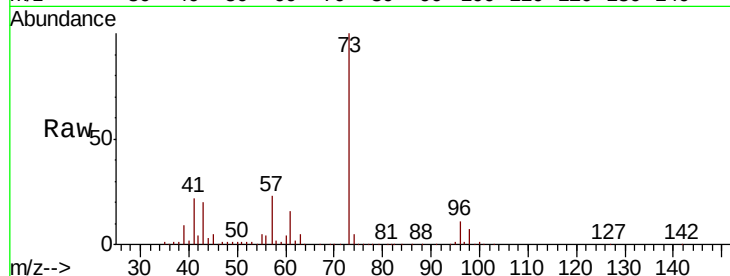


#25

Methyl tert-Butyl Ether
 Concen: 10.106 ug/l
 RT: 3.40 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Instrument :
 MSVOA_U
 ClientSampleId :

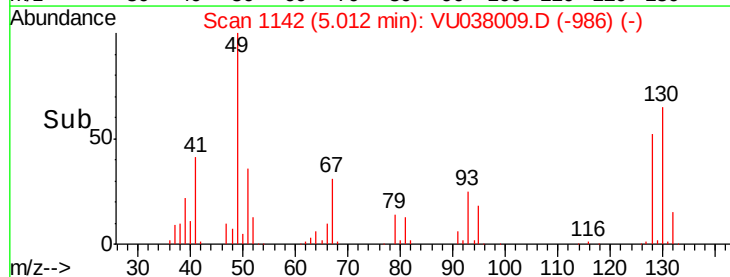
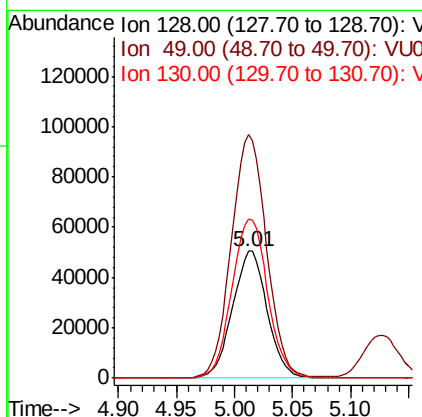
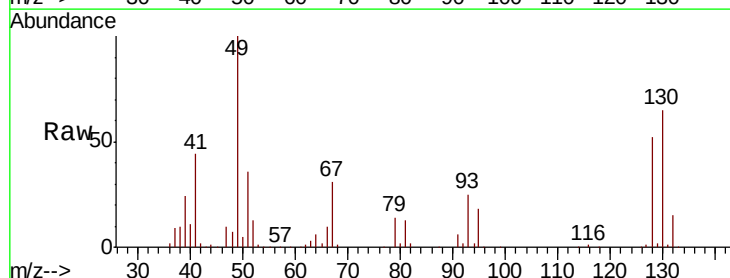
Tot Ion: 73 Resp: 623515
 Ion Ratio Lower Upper
 73 100
 43 19.8 16.2 24.2

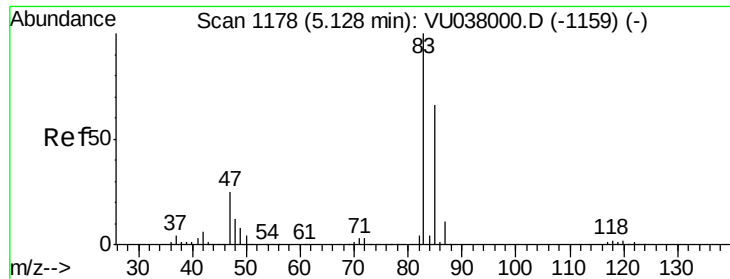


#26

Bromochloromethane
 Concen: 9.993 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion: 128 Resp: 104760
 Ion Ratio Lower Upper
 128 100
 49 194.6 0.0 376.0
 130 129.9 102.6 153.8

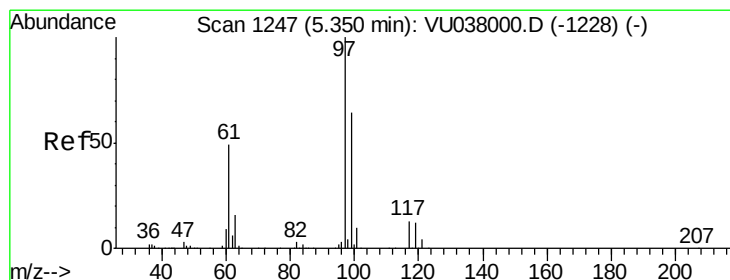
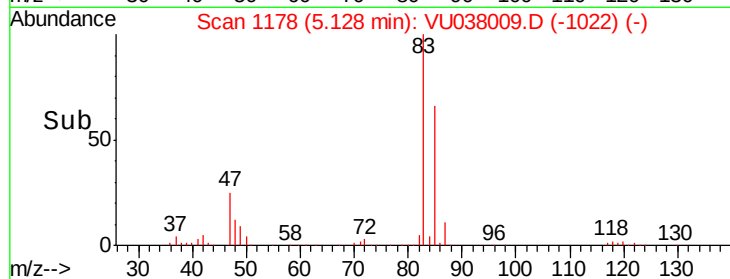
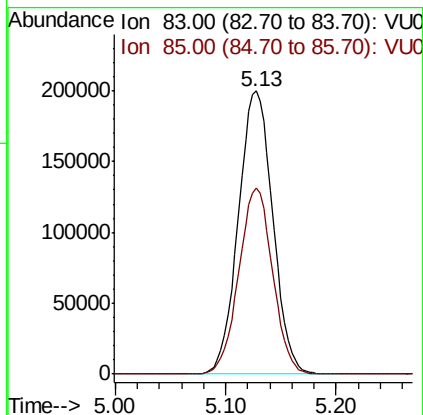
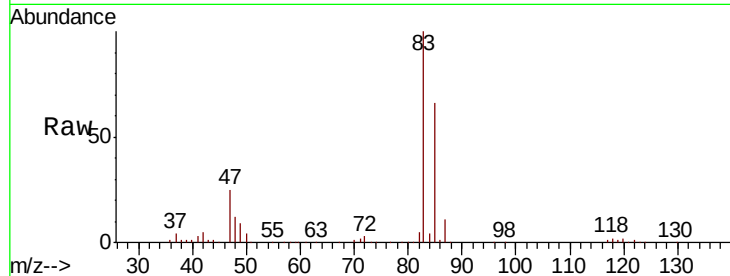




#27
Chloroform
Concen: 9.860 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

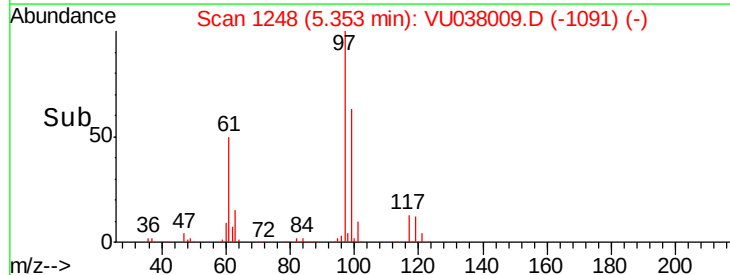
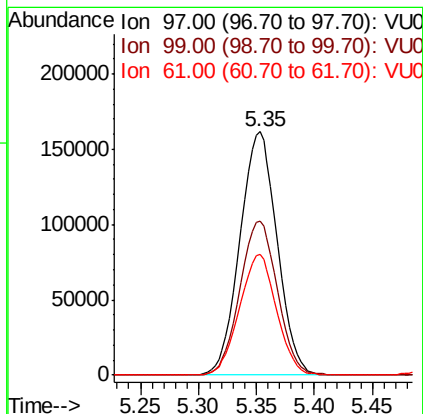
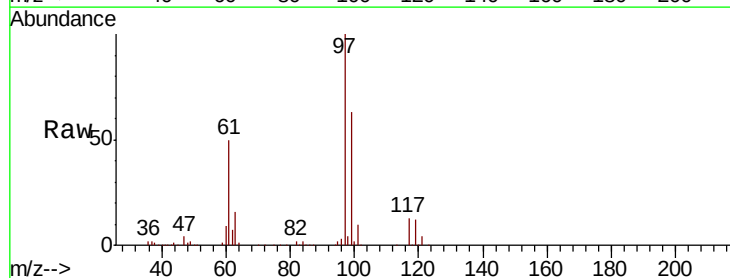
Instrument :
MSVOA_U
ClientSampled :

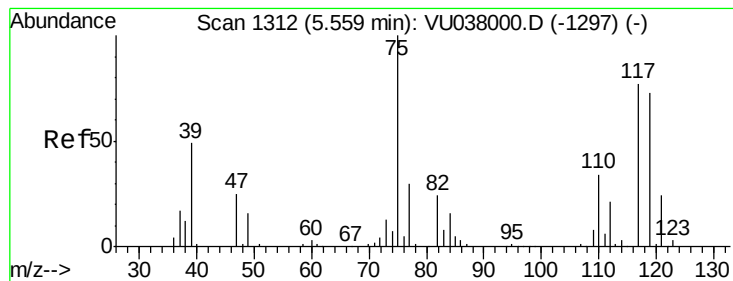
Tot Ion: 83 Resp: 432131
Ion Ratio Lower Upper
83 100
85 65.6 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 9.991 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion: 97 Resp: 360832
Ion Ratio Lower Upper
97 100
99 63.9 31.9 95.9
61 49.4 24.1 72.4





#29

1,1-Dichloropropene

Concen: 10.047 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

ClientSampled :

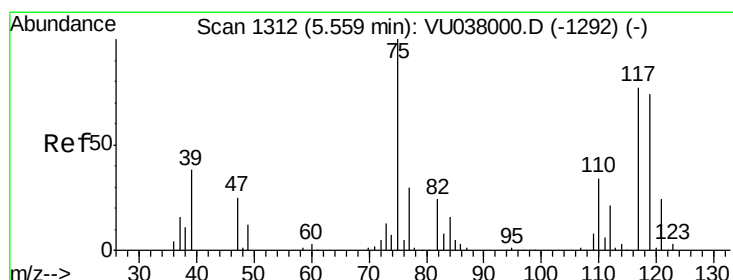
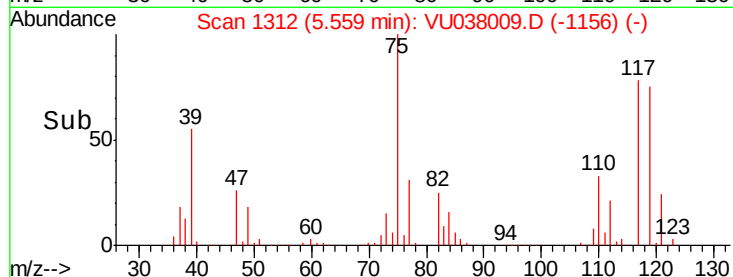
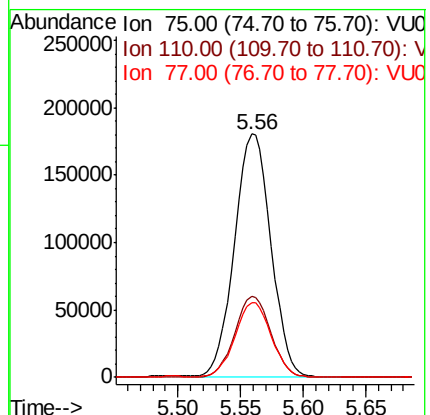
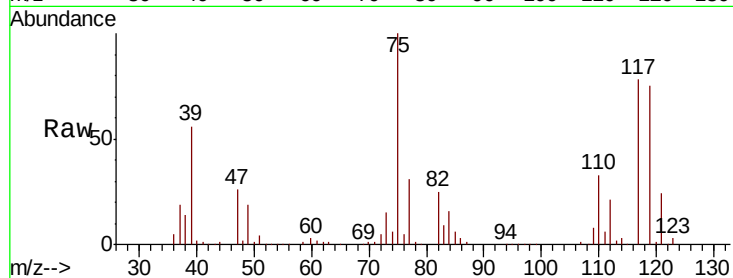
Tot Ion: 75 Resp: 365213

Ion Ratio Lower Upper

75 100

110 32.8 16.7 50.1

77 30.6 24.5 36.7



#30

Carbon Tetrachloride

Concen: 10.051 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

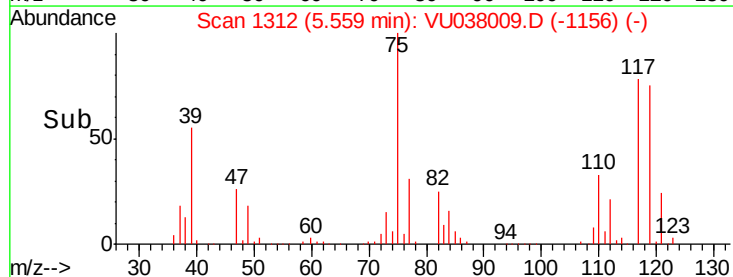
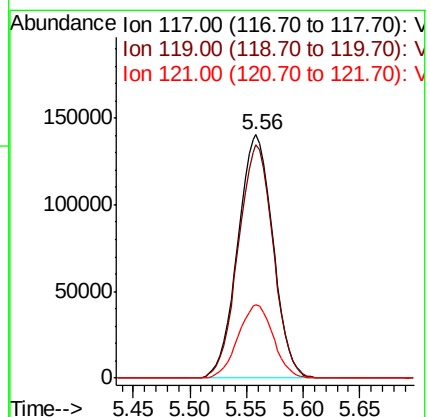
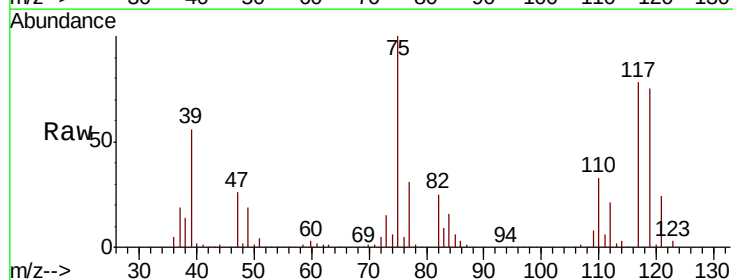
Tgt Ion: 117 Resp: 303733

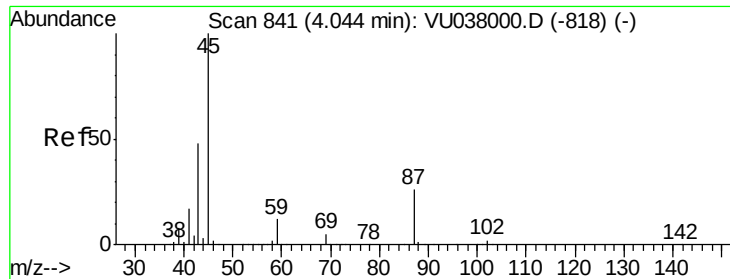
Ion Ratio Lower Upper

117 100

119 95.9 76.3 114.5

121 30.3 24.7 37.1





#31

Isopropyl Ether

Concen: 10.110 ug/l

RT: 4.04 min Scan# 840

Delta R.T. -0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

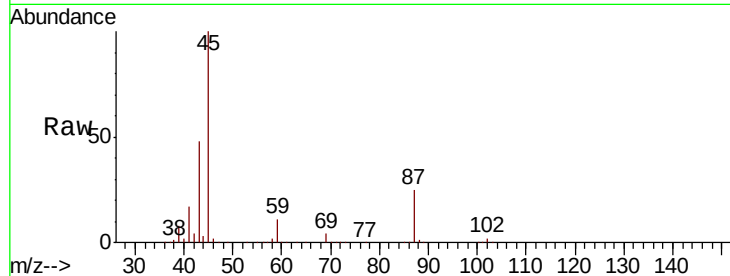
ClientSampleId :

Tot Ion: 45 Resp: 777516

Ion Ratio Lower Upper

45 100

43 47.9 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU038000.D (-818) (-)

Ion 43.00 (42.70 to 43.70): VU038000.D (-818) (-)

4.04

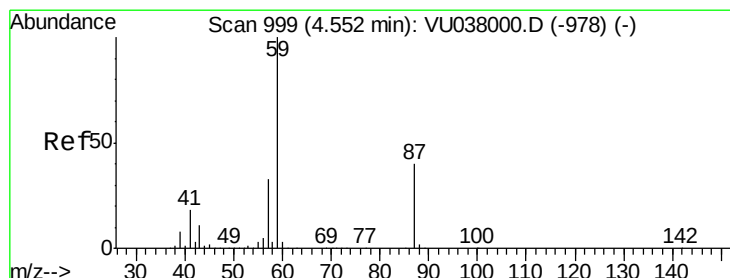
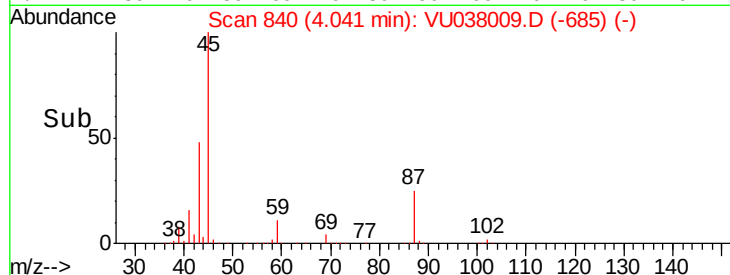
300000

200000

100000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.783 ug/l

RT: 4.55 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU038009.D

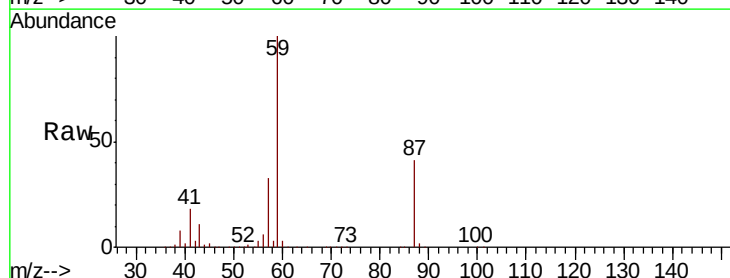
Acq: 05 May 2020 10:29

Tgt Ion: 59 Resp: 679381

Ion Ratio Lower Upper

59 100

87 41.0 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038000.D (-978) (-)

Ion 87.00 (86.70 to 87.70): VU038000.D (-978) (-)

4.55

300000

250000

200000

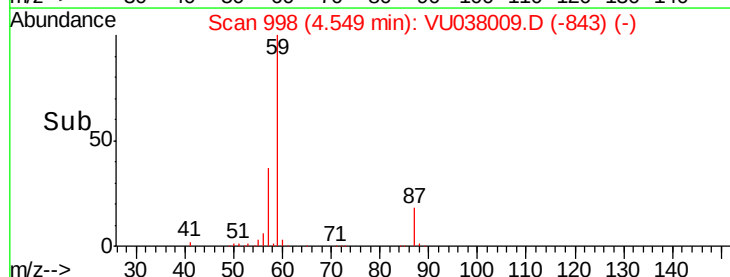
150000

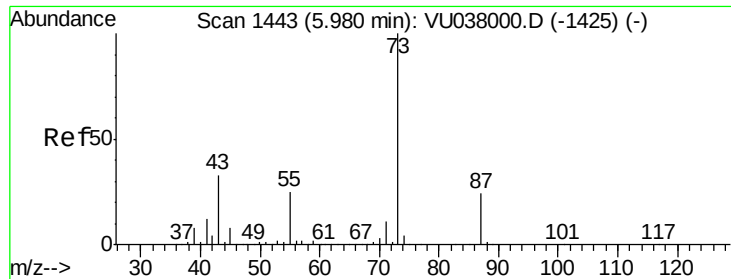
100000

50000

0

Time-->

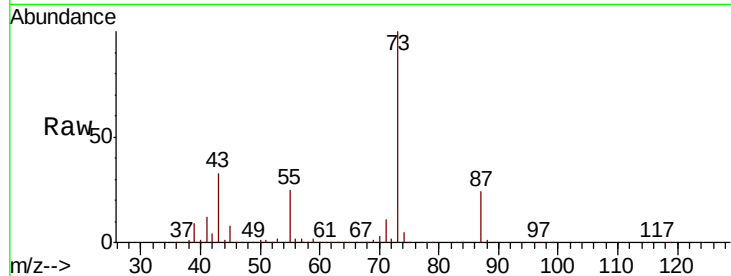




#33
Tert-Butyl methyl ether
Concen: 9.829 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.6	18.9	28.3
71	11.4	9.1	13.7

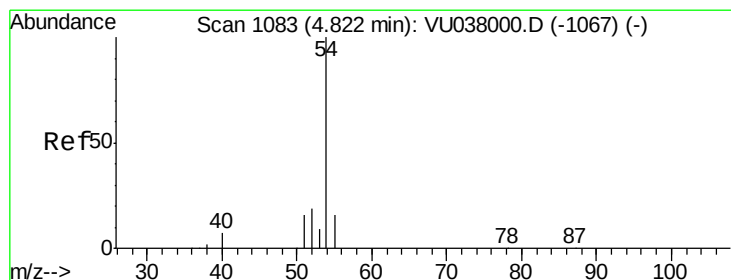
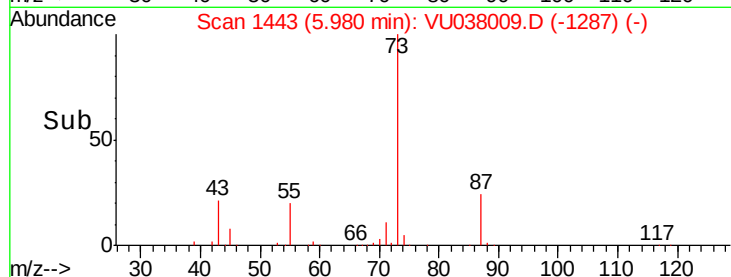
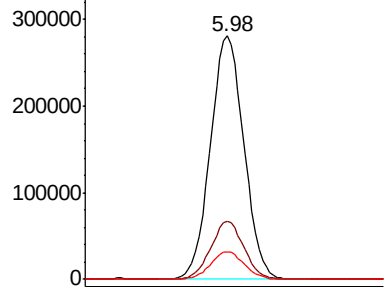


Abundance

Ion 73.00 (72.70 to 73.70): VU038000.D (-1425) (-)

Ion 87.00 (86.70 to 87.70): VU038000.D (-1425) (-)

Ion 71.00 (70.70 to 71.70): VU038000.D (-1425) (-)



#34
Propionitrile
Concen: 47.574 ug/l
RT: 4.82 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.2	15.8	23.8
55	17.2	13.2	19.8
40	6.8	5.2	7.8

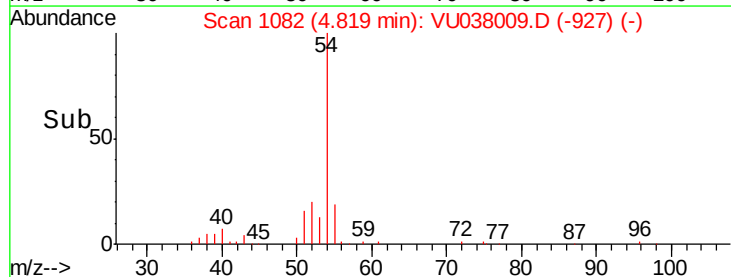
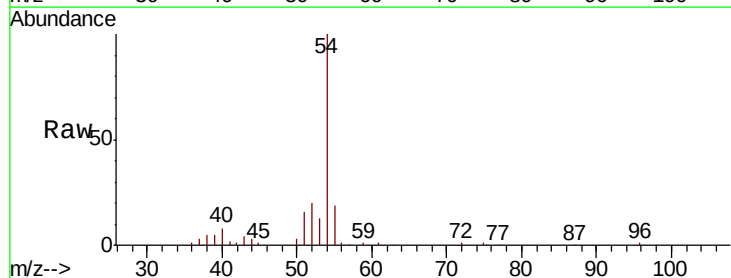
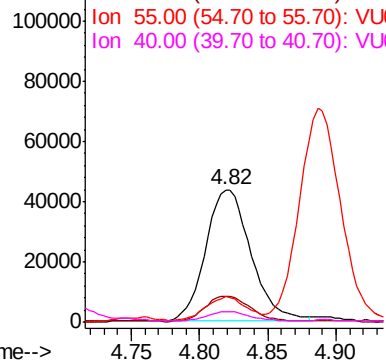
Abundance

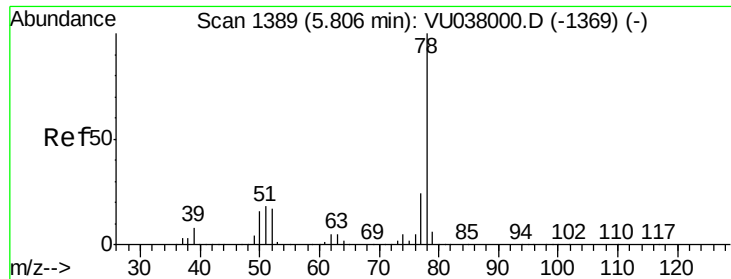
Ion 54.00 (53.70 to 54.70): VU038000.D (-1067) (-)

Ion 52.00 (51.70 to 52.70): VU038000.D (-1067) (-)

Ion 55.00 (54.70 to 55.70): VU038000.D (-1067) (-)

Ion 40.00 (39.70 to 40.70): VU038000.D (-1067) (-)





#35

Benzene

Concen: 9.989 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

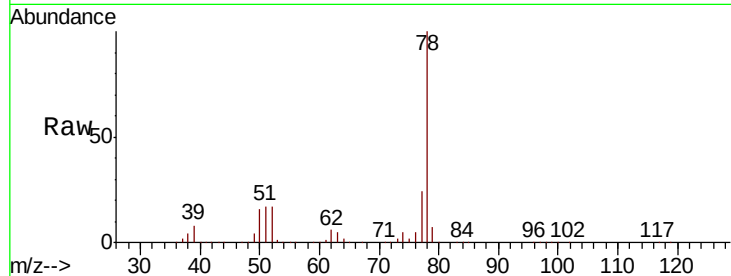
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 1016048

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU038009.D (-1233) (-)

Ion 77.00 (76.70 to 77.70): VU038009.D (-1233) (-)

5.81

600000

500000

400000

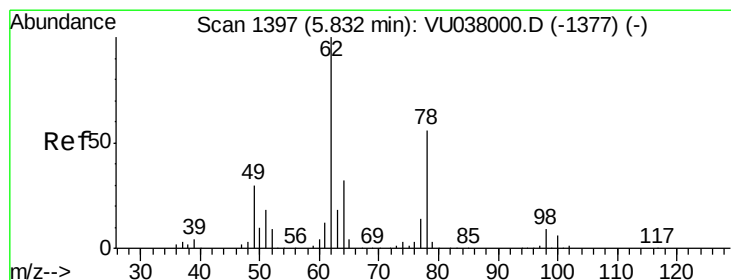
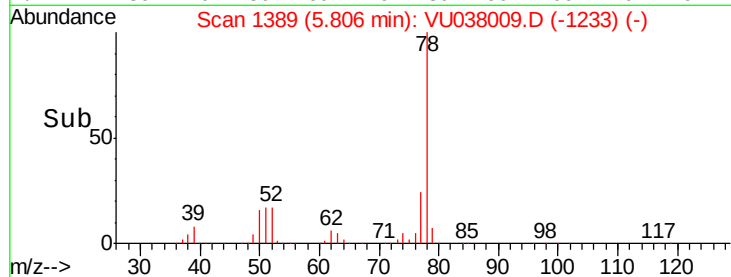
300000

200000

100000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.067 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038009.D

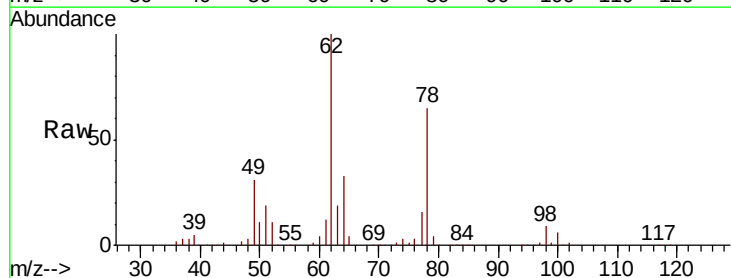
Acq: 05 May 2020 10:29

Tgt Ion: 62 Resp: 302943

Ion Ratio Lower Upper

62 100

98 9.0 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038009.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VU038009.D (-1241) (-)

5.83

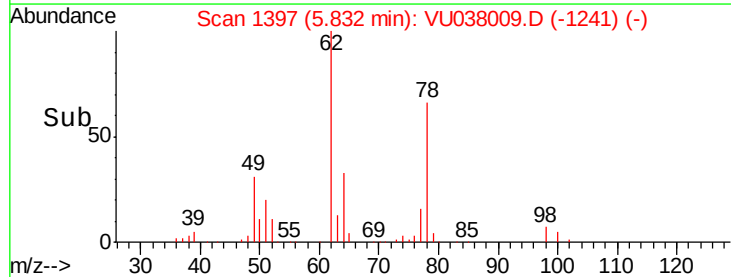
150000

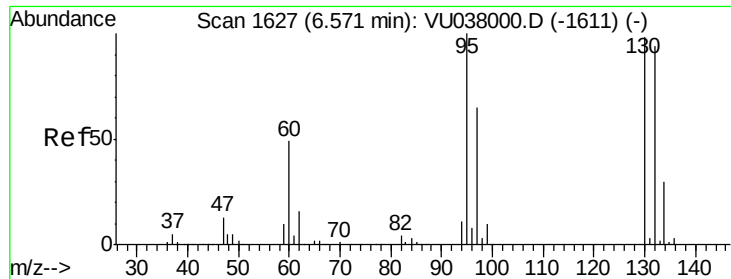
100000

50000

0

Time-->

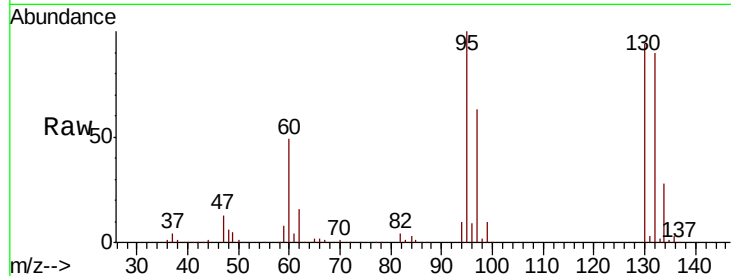




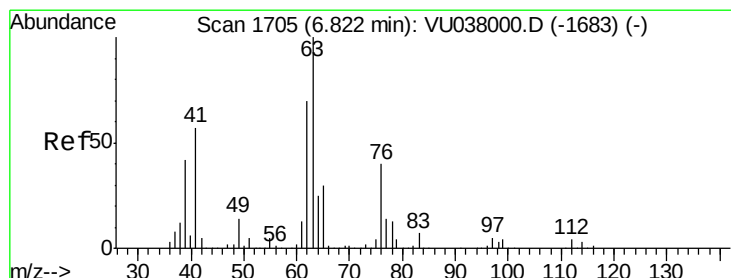
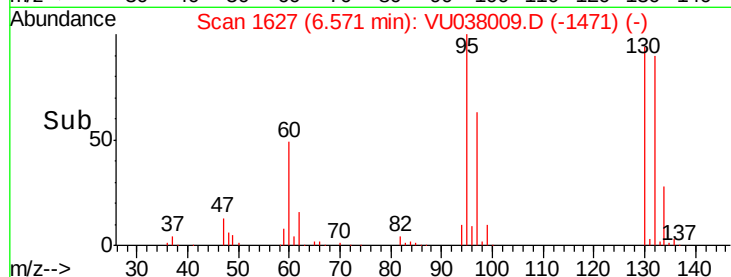
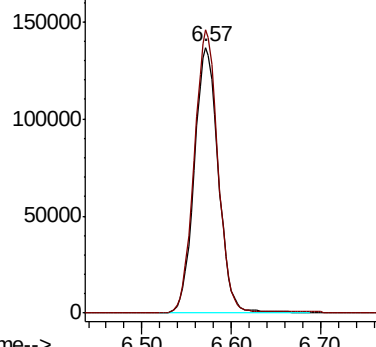
#37
 Trichloroethene
 Concen: 9.602 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 256443
 Ion Ratio Lower Upper
 130 100
 95 106.4 81.6 122.4

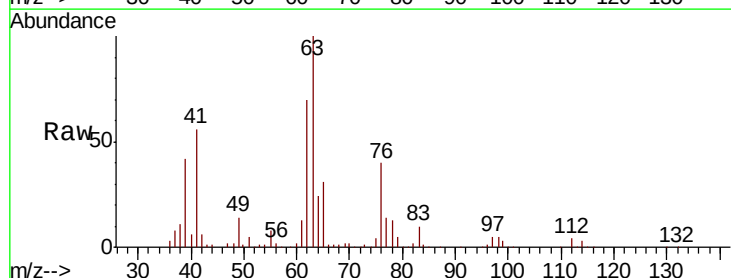


Abundance Ion 129.90 (129.60 to 130.60): VU038009.D (-1471) (-)
 Ion 94.90 (94.60 to 95.60): VU038009.D (-1471) (-)

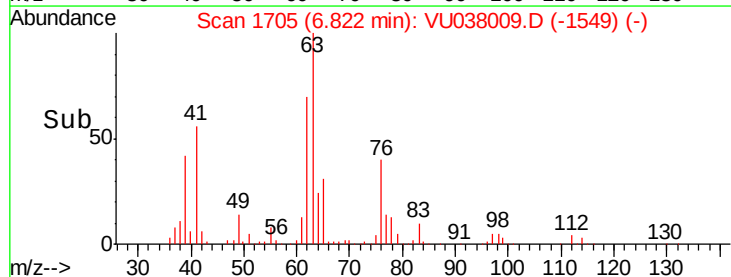
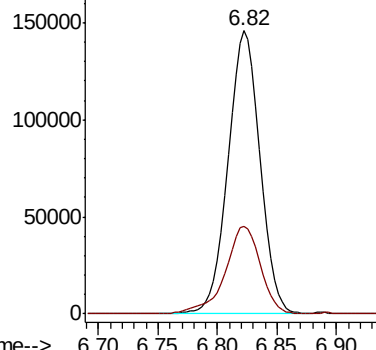


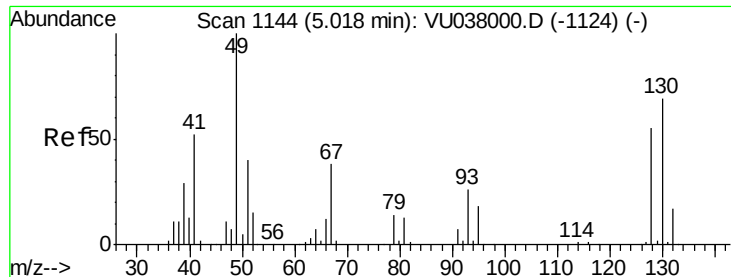
#38
 1,2-Dichloropropane
 Concen: 9.919 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion: 63 Resp: 271482
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038009.D (-1549) (-)
 Ion 65.00 (64.70 to 65.70): VU038009.D (-1549) (-)

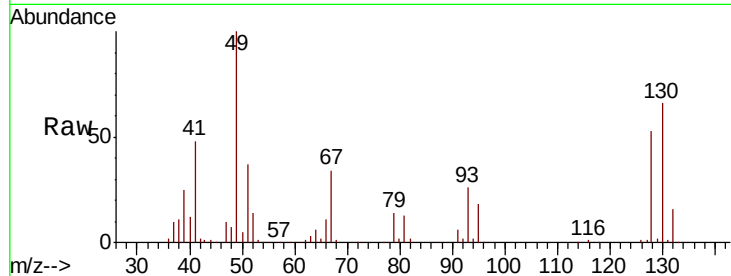




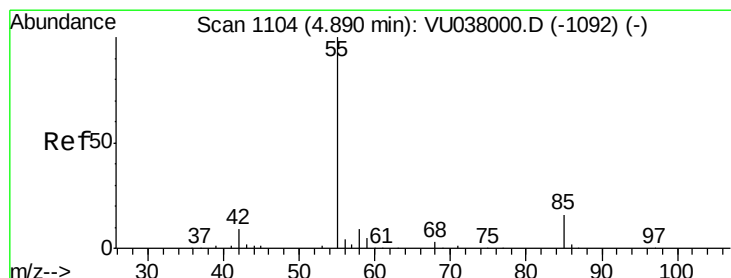
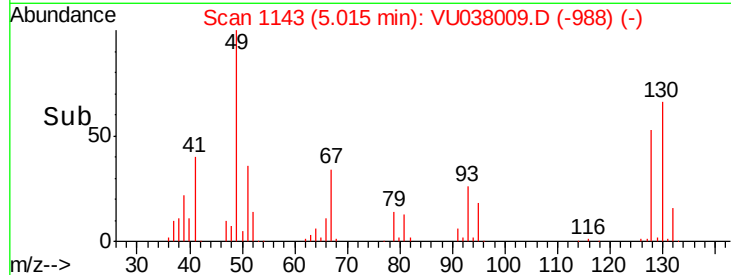
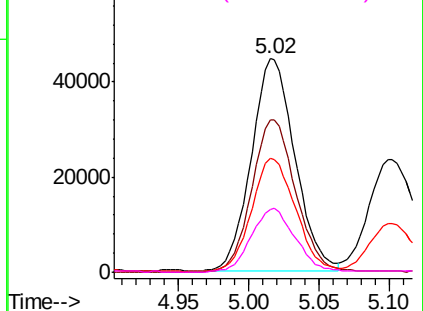
#39
Methacrylonitrile
Concen: 9.733 ug/l
RT: 5.02 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 96363
Ion Ratio Lower Upper
41 100
67 72.8 58.0 87.0
39 54.0 43.2 64.8
52 30.5 22.9 34.3

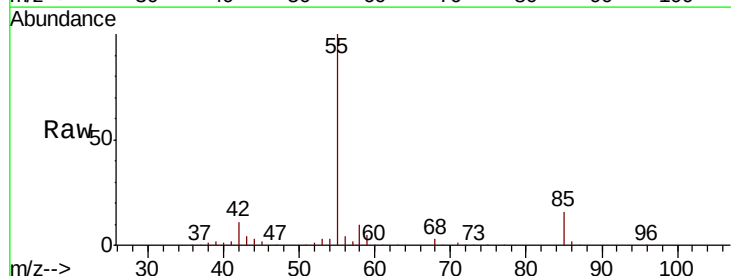


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

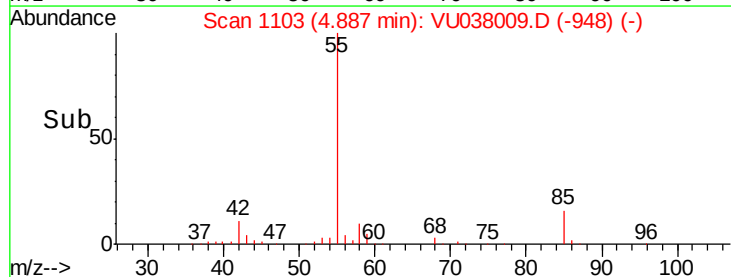
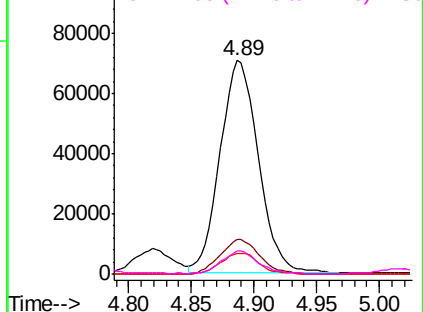


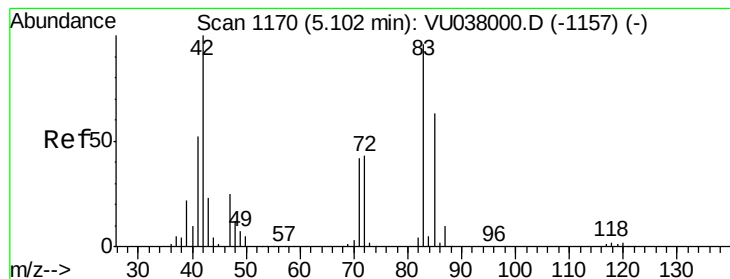
#40
Methyl acrylate
Concen: 10.308 ug/l
RT: 4.89 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion: 55 Resp: 150391
Ion Ratio Lower Upper
55 100
85 16.5 12.9 19.3
58 9.6 7.2 10.8
42 10.0 8.1 12.1



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 18.893 ug/l

RT: 5.10 min Scan# 1169

Delta R.T. -0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :
MSVOA_U
ClientSampled :

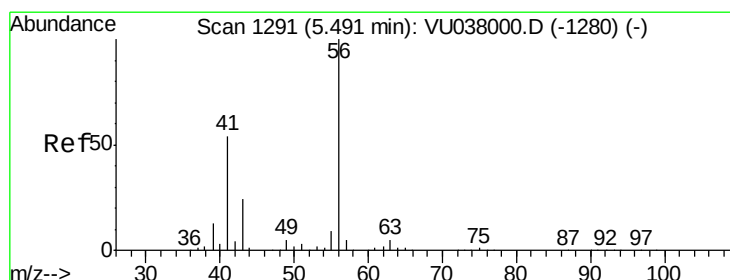
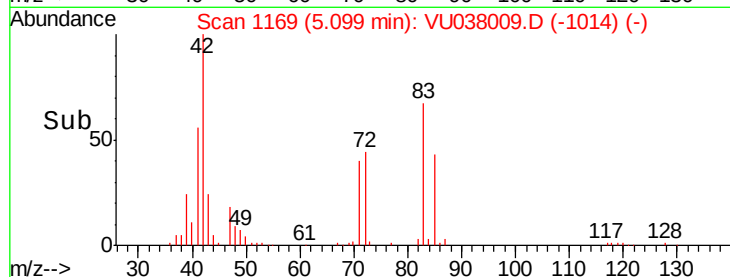
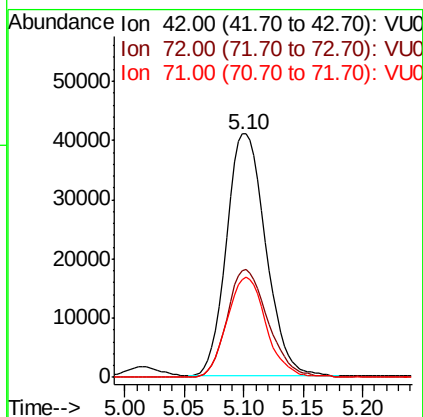
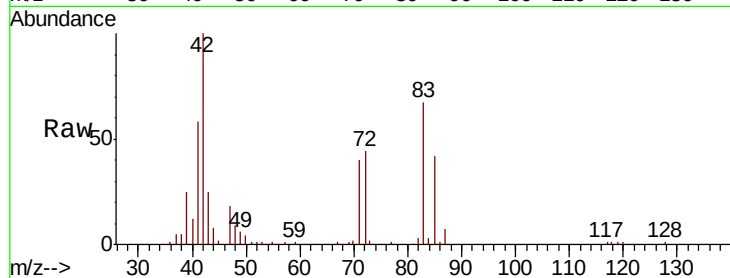
Tot Ion: 42 Resp: 93305

Ion Ratio Lower Upper

42 100

72 46.6 37.4 56.2

71 41.5 32.8 49.2



#42

1-Chlorobutane

Concen: 10.035 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VU038009.D

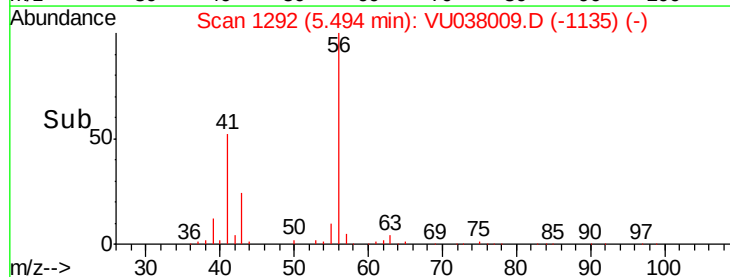
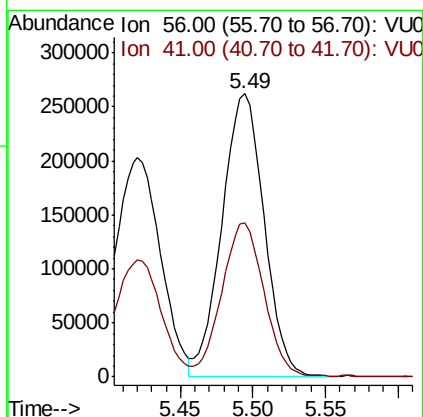
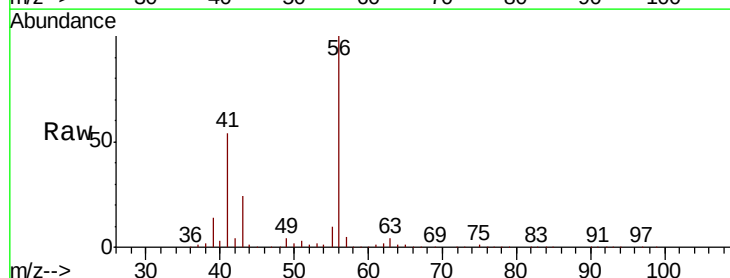
Acq: 05 May 2020 10:29

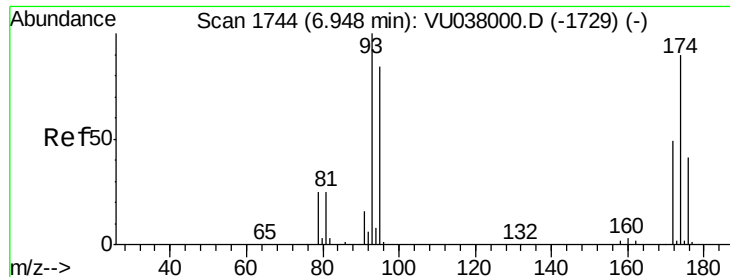
Tgt Ion: 56 Resp: 525542

Ion Ratio Lower Upper

56 100

41 53.8 26.8 80.4

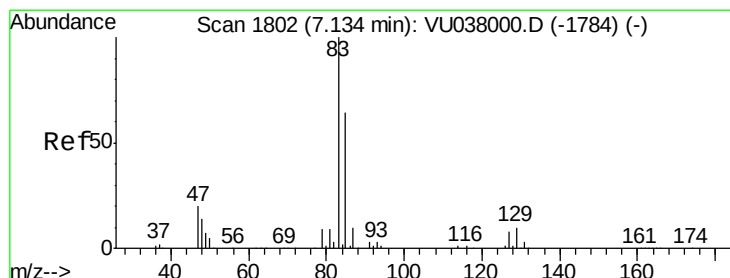
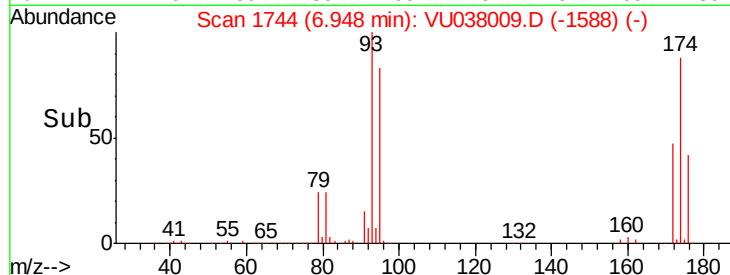
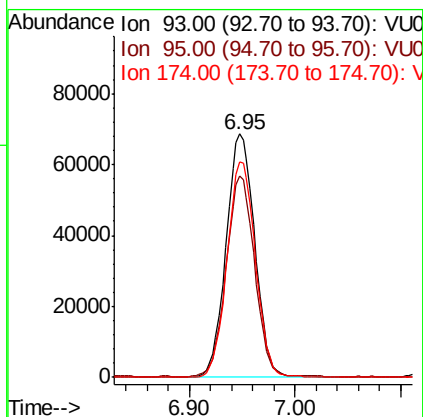
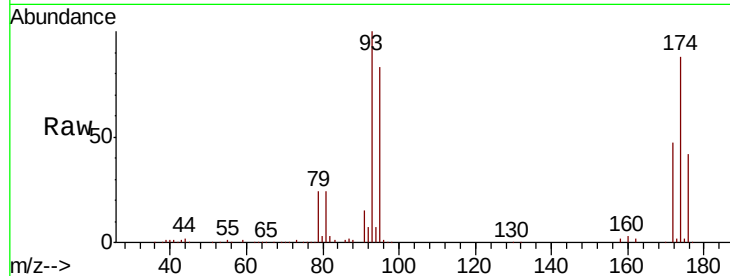




#43
 Dibromomethane
 Concen: 10.107 ug/l
 RT: 6.95 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

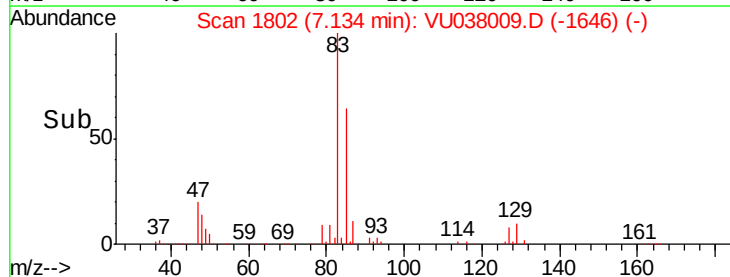
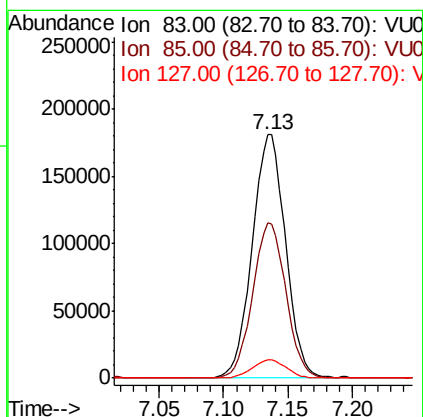
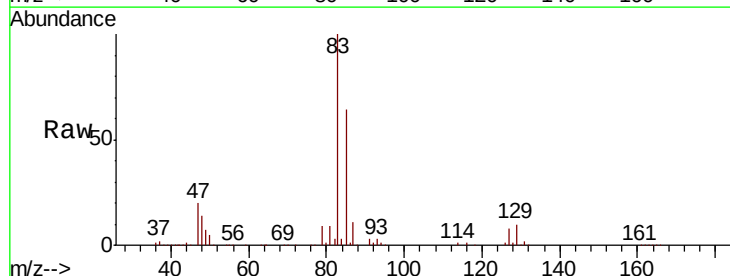
Instrument :
 MSVOA_U
 ClientSampled :

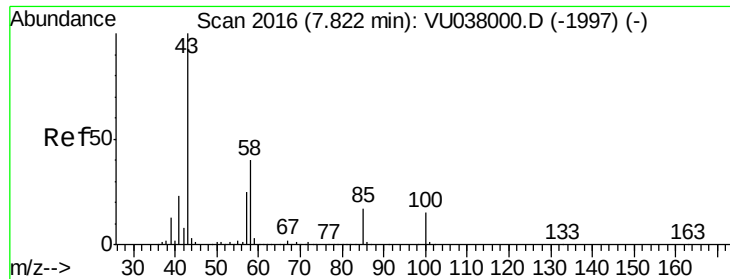
Tot Ion: 93 Resp: 128873
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.1 99.1
 174 87.8 72.8 109.2



#44
 Bromodichloromethane
 Concen: 10.170 ug/l
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion: 83 Resp: 325721
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.4 77.0
 127 7.7 6.2 9.2

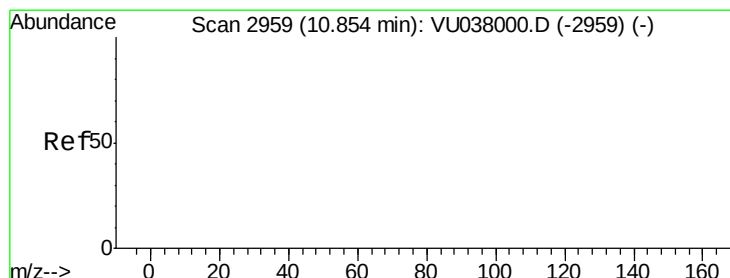
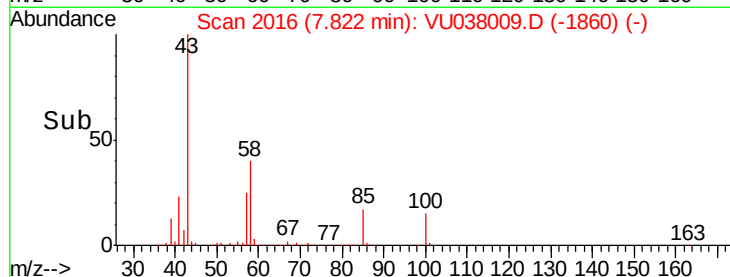
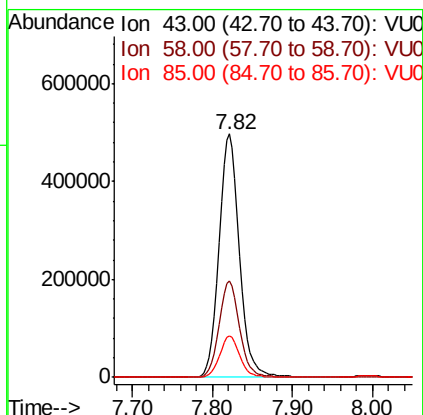
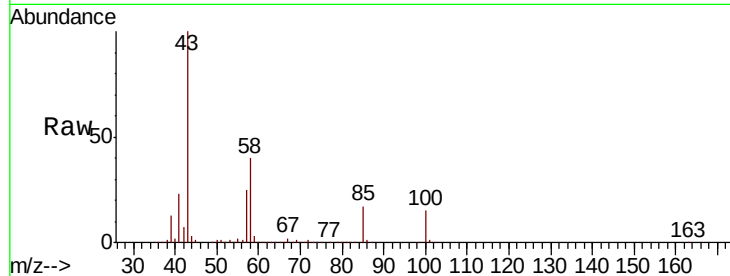




#45
 4-Methyl-2-Pentanone
 Concen: 50.531 ug/l
 RT: 7.82 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

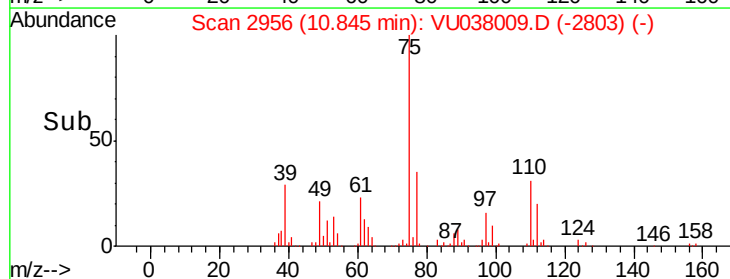
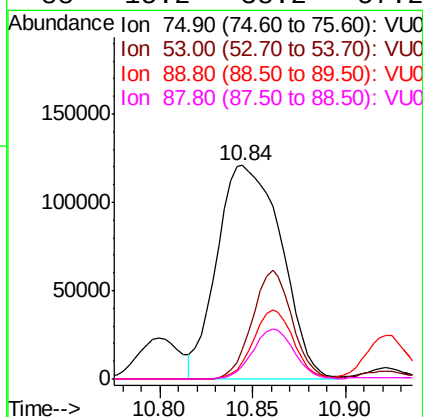
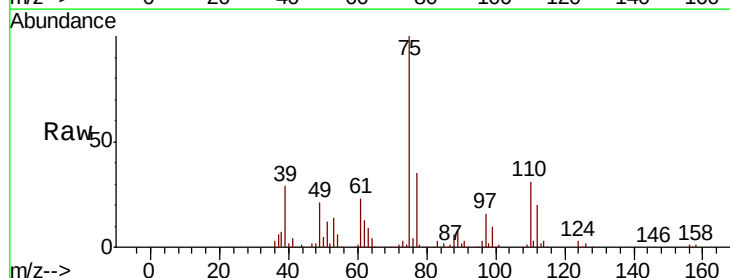
Instrument :
 MSVOA_U
 ClientSampled :

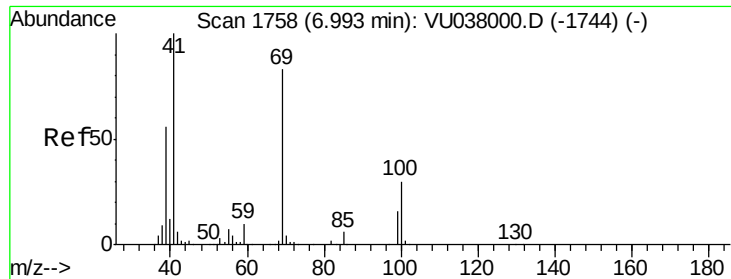
Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	20.1	60.3
85	16.9	13.7	20.5



#46
 t-1,4-Dichloro-2-butene
 Concen: 54.040 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
53	31.7	81.1	121.7#
89	20.5	53.2	79.8#
88	15.2	38.2	57.2#





#47

Methvl methacrylate

Concen: 20.687 ug/l

RT: 6.99 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 69 Resp: 268243

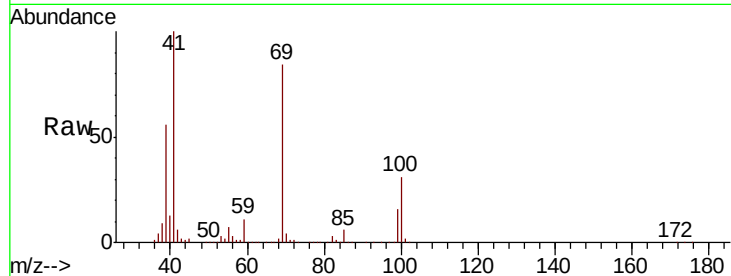
Ion Ratio Lower Upper

69 100

41 117.7 0.0 241.6

39 64.8 52.9 79.3

100 36.6 29.1 43.7

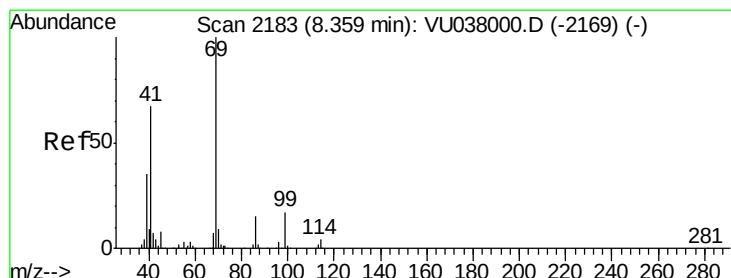
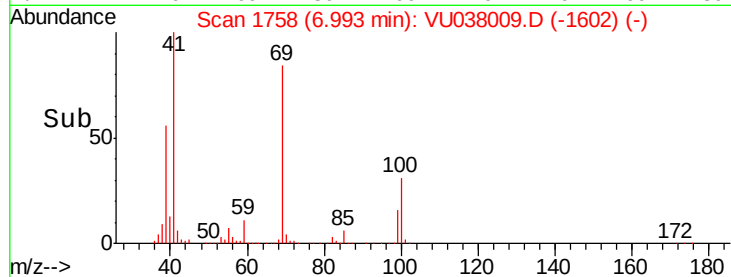
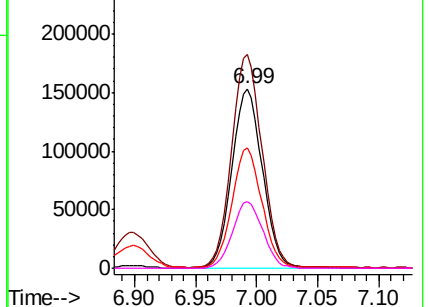


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 10.234 ug/l

RT: 8.36 min Scan# 2183

Delta R.T. 0.00 min

Lab File: VU038009.D

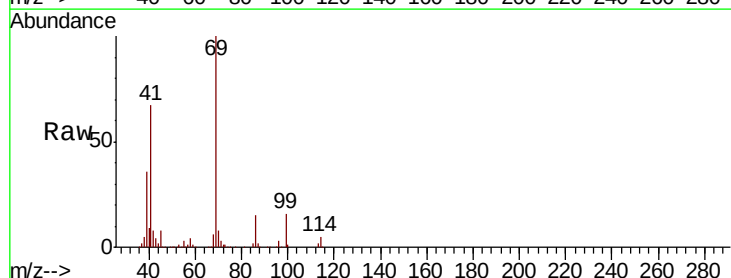
Acq: 05 May 2020 10:29

Tgt Ion: 69 Resp: 245671

Ion Ratio Lower Upper

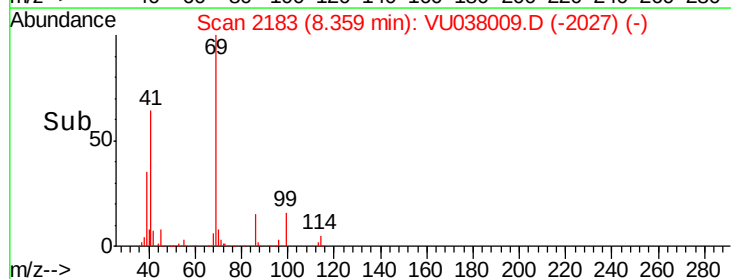
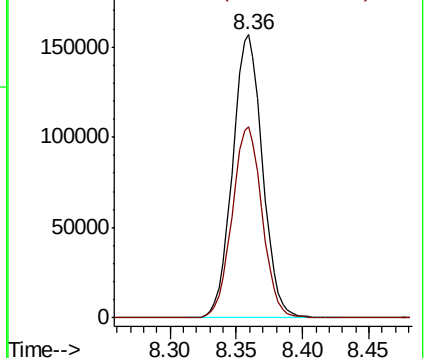
69 100

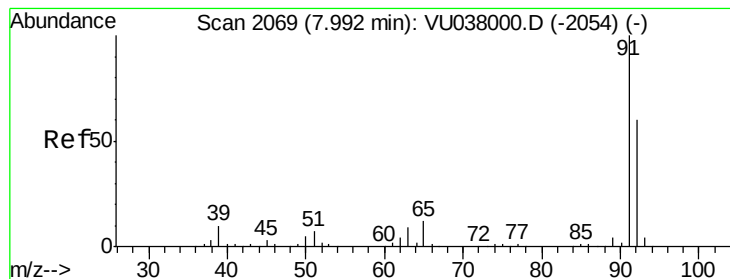
41 67.8 33.6 100.8



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.091 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

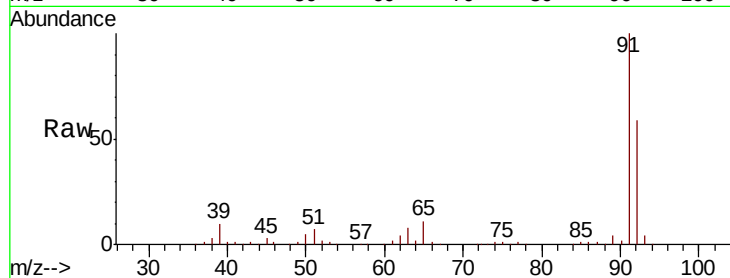
ClientSampleId :

Tot Ion: 92 Resp: 648947

Ion Ratio Lower Upper

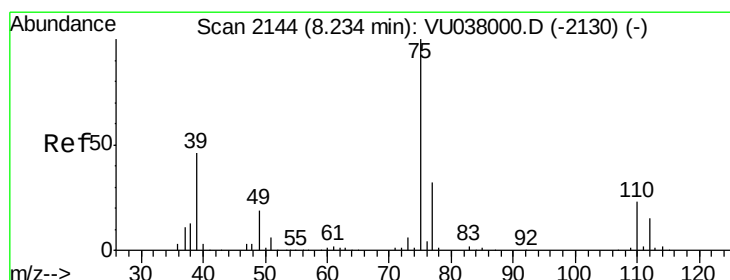
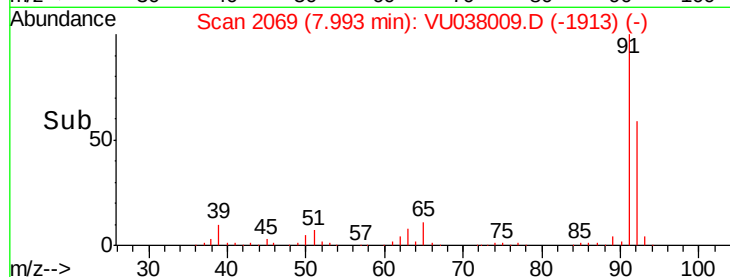
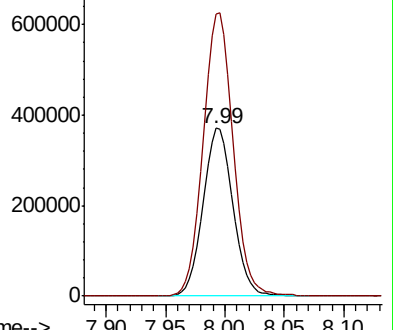
92 100

91 168.8 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VU038000.D (-2054) (-)

Ion 91.00 (90.70 to 91.70): VU038000.D (-2054) (-)



#50

t-1,3-Dichloropropene

Concen: 10.067 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038009.D

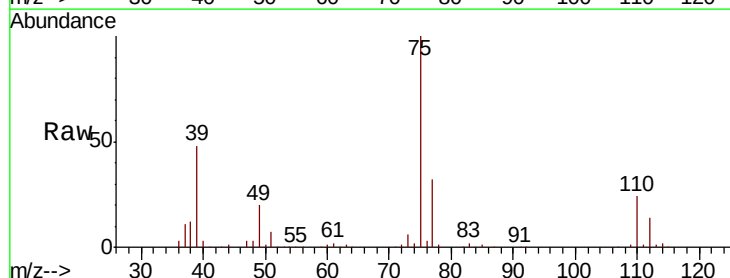
Acq: 05 May 2020 10:29

Tgt Ion: 75 Resp: 329394

Ion Ratio Lower Upper

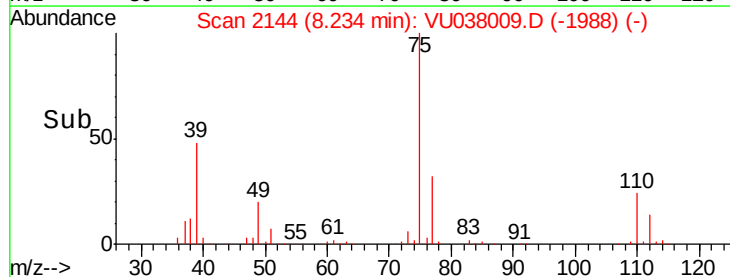
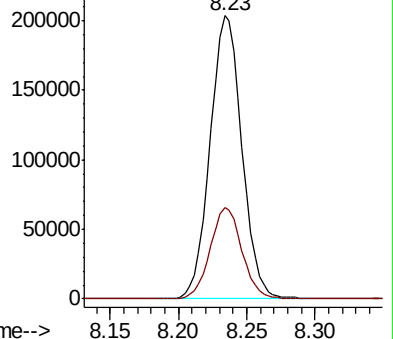
75 100

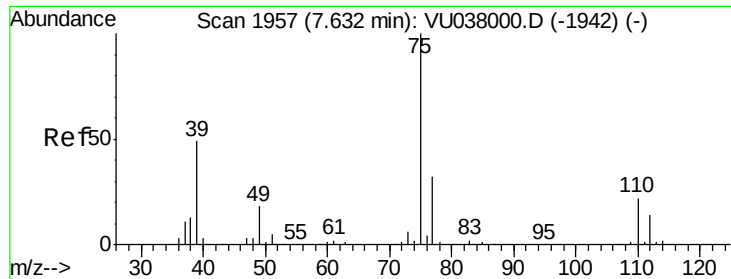
77 32.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-2130) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-2130) (-)

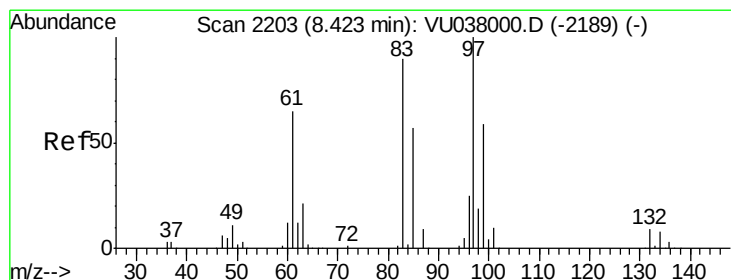
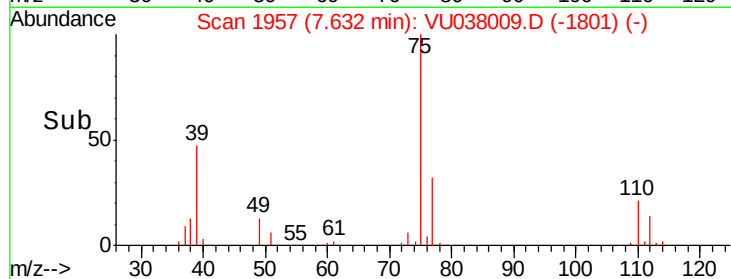
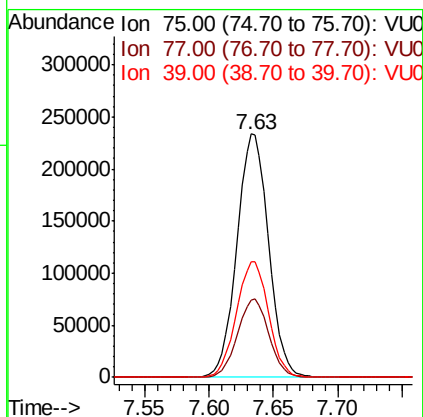
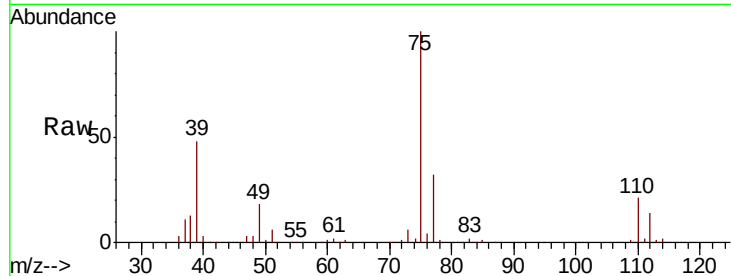




#51
 cis-1,3-Dichloropropene
 Concen: 10.150 ug/l
 RT: 7.63 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

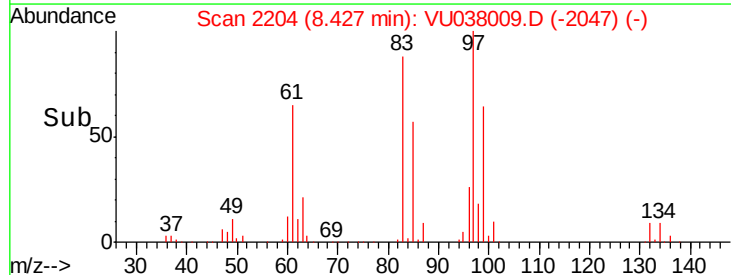
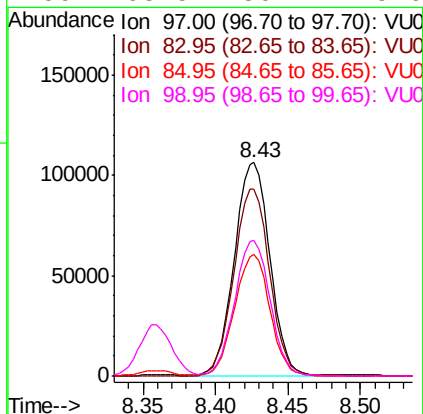
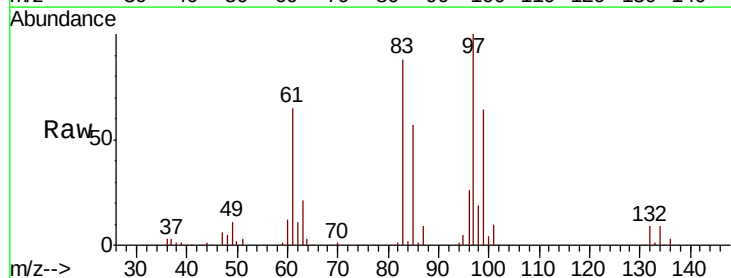
Instrument :
 MSVOA_U
 ClientSampleId :

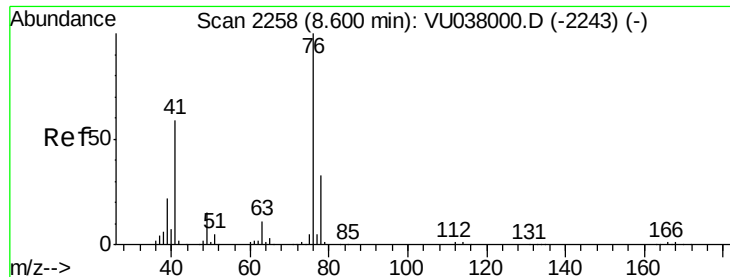
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	47.6	39.0	58.4



#52
 1,1,2-Trichloroethane
 Concen: 10.031 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	72.4	108.6
85	57.0	46.0	69.0
99	63.5	50.4	75.6





#53

1,3-Dichloropropane

Concen: 10.160 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

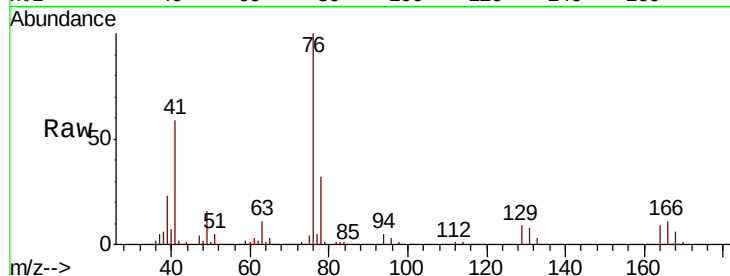
ClientSampled :

Tot Ion: 76 Resp: 344386

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 76.00 (75.70 to 76.70): VU038000.D (-2243) (-)

Ion 78.00 (77.70 to 78.70): VU038000.D (-2243) (-)

8.60

200000

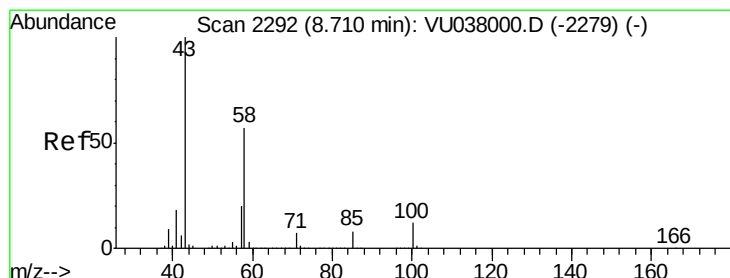
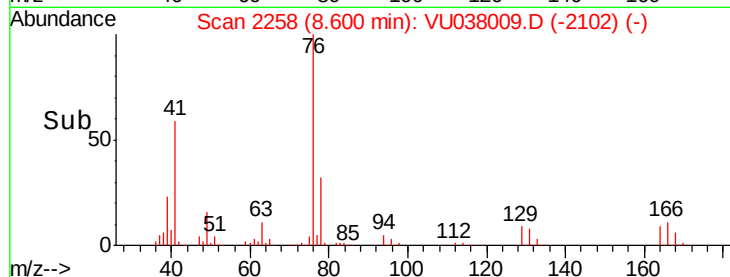
150000

100000

50000

0

Time-->



#54

2-Hexanone

Concen: 50.099 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

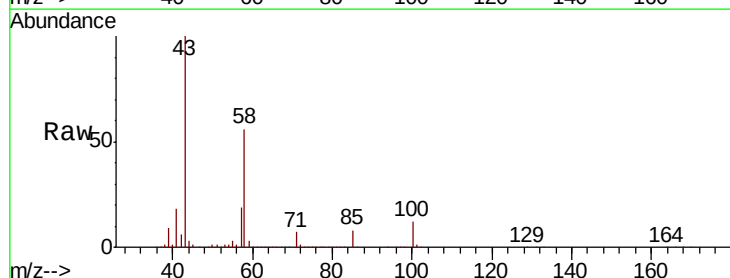
Tgt Ion: 43 Resp: 614511

Ion Ratio Lower Upper

43 100

58 56.2 36.5 76.5

57 19.3 0.0 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU038000.D (-2279) (-)

Ion 58.00 (57.70 to 58.70): VU038000.D (-2279) (-)

Ion 57.00 (56.70 to 57.70): VU038000.D (-2279) (-)

8.71

500000

400000

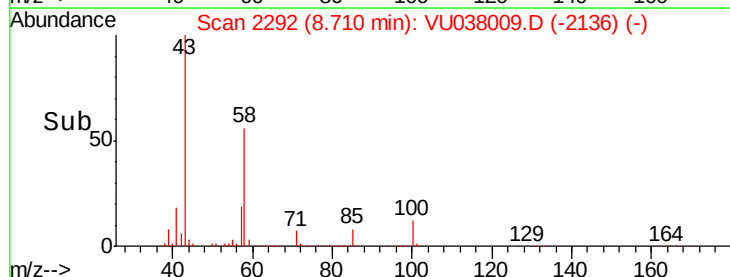
300000

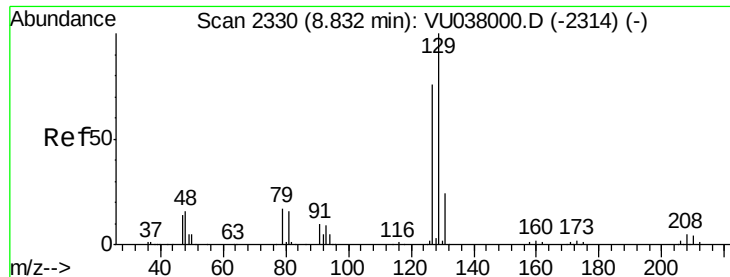
200000

100000

0

Time-->





#55

Dibromochloromethane

Concen: 10.231 ug/l

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

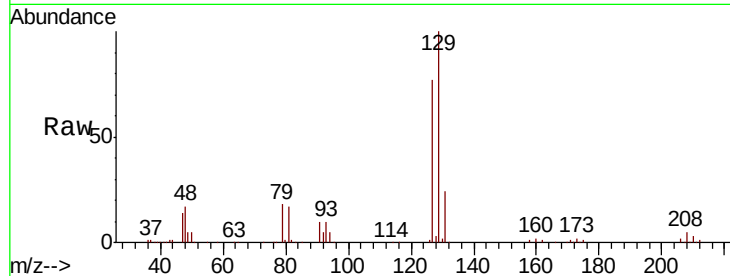
ClientSampleId :

Tot Ion:129 Resp: 204676

Ion Ratio Lower Upper

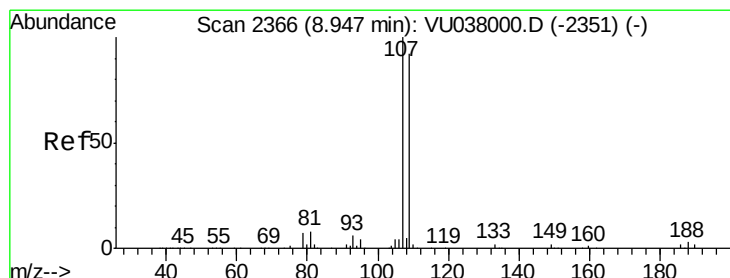
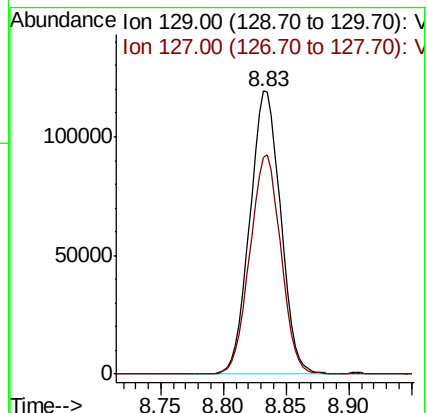
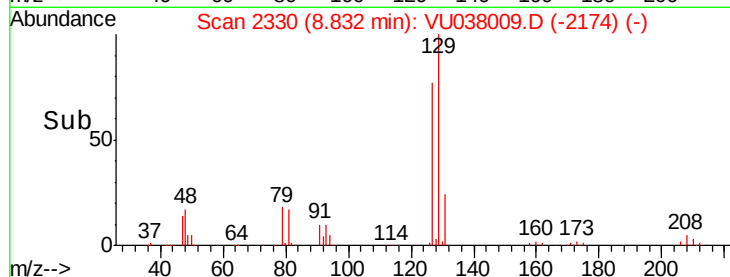
129 100

127 77.8 62.2 93.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 9.951 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038009.D

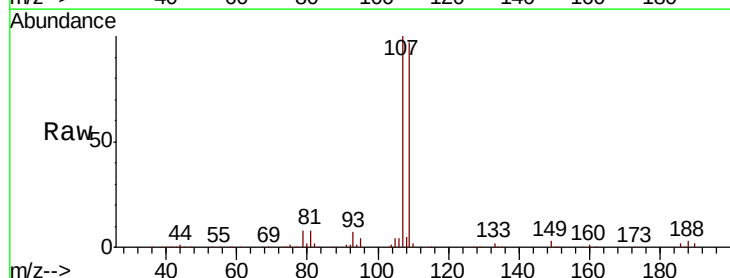
Acq: 05 May 2020 10:29

Tgt Ion:107 Resp: 169486

Ion Ratio Lower Upper

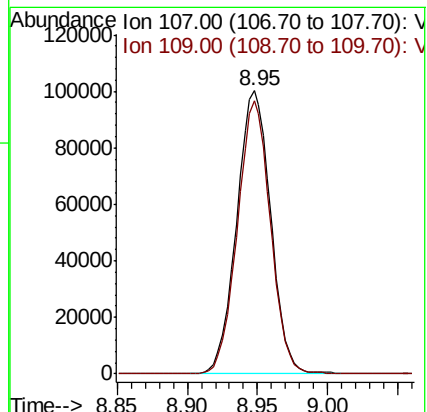
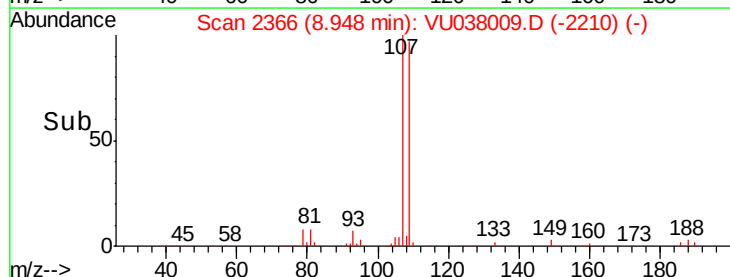
107 100

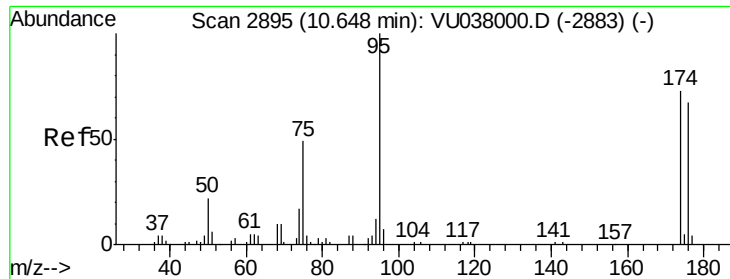
109 93.6 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 1.112 ug/l

RT: 10.65 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

ClientSampleId :

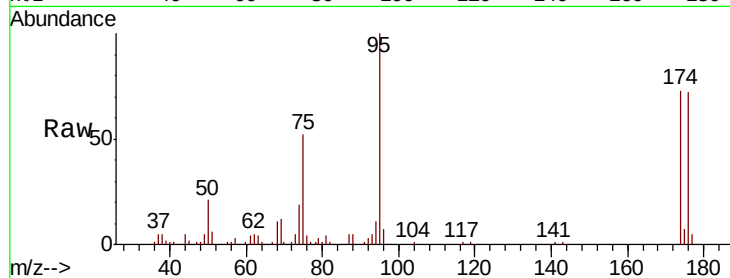
Tot Ion: 95 Resp: 37186

Ion Ratio Lower Upper

95 100

174 74.2 61.2 91.8

176 71.8 57.1 85.7

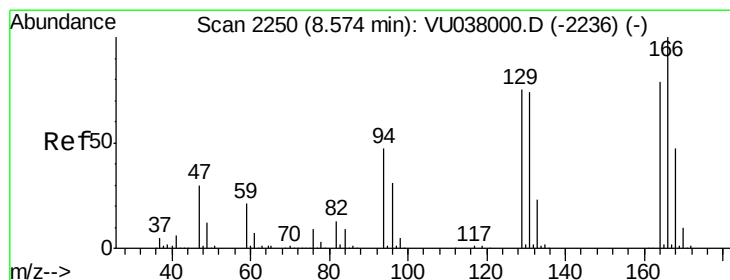
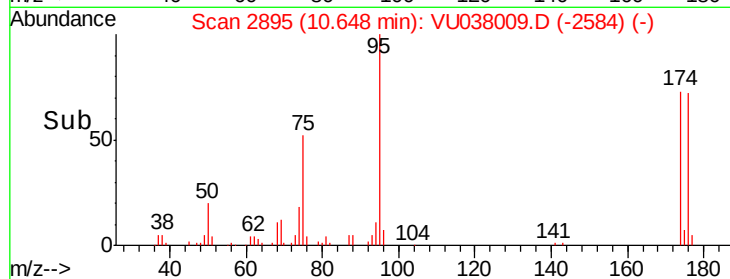
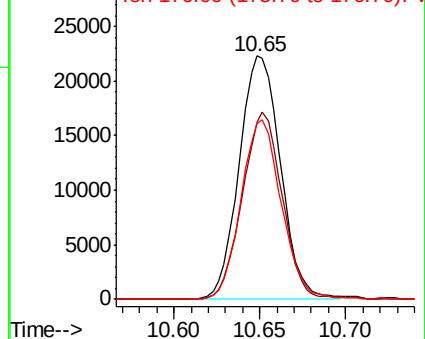


Abundance

Ion 95.00 (94.70 to 95.70): VU038009.D (-2883) (-)

Ion 174.00 (173.70 to 174.70): VU038009.D (-2883) (-)

Ion 176.00 (175.70 to 176.70): VU038009.D (-2883) (-)



#58

Tetrachloroethene

Concen: 10.139 ug/l

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Tgt Ion: 164 Resp: 252735

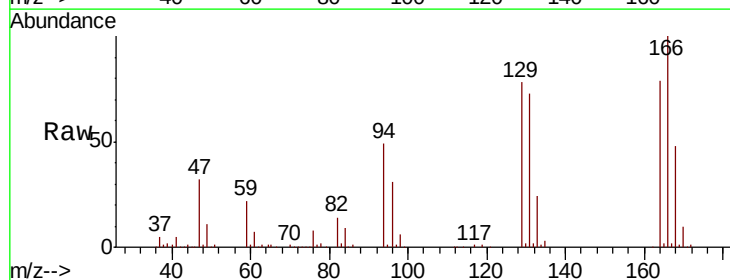
Ion Ratio Lower Upper

164 100

166 126.0 101.5 152.3

129 97.9 76.6 114.8

131 92.2 75.0 112.4



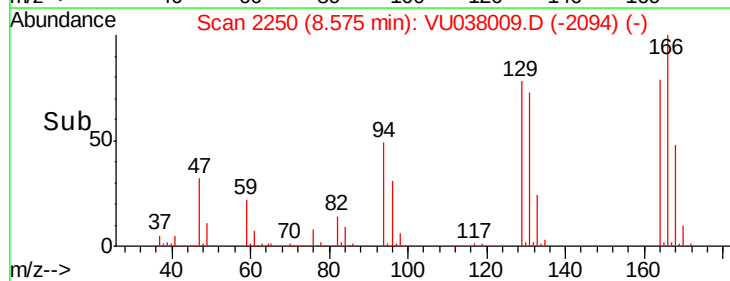
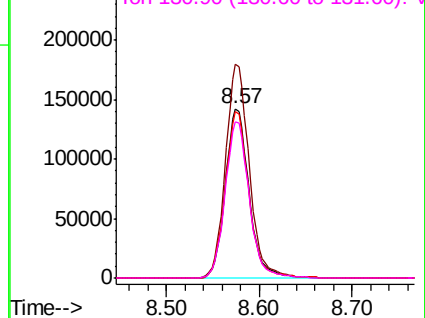
Abundance

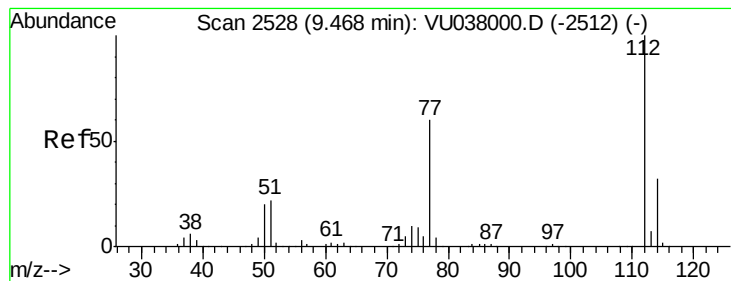
Ion 163.85 (163.55 to 164.55): VU038009.D (-2094) (-)

Ion 165.80 (165.50 to 166.50): VU038009.D (-2094) (-)

Ion 128.90 (128.60 to 129.60): VU038009.D (-2094) (-)

Ion 130.90 (130.60 to 131.60): VU038009.D (-2094) (-)





#59

Chlorobenzene

Concen: 9.988 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

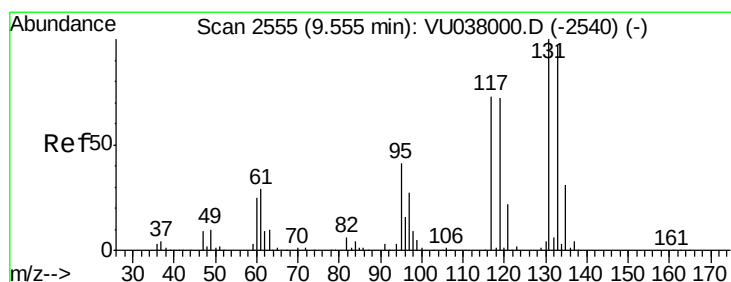
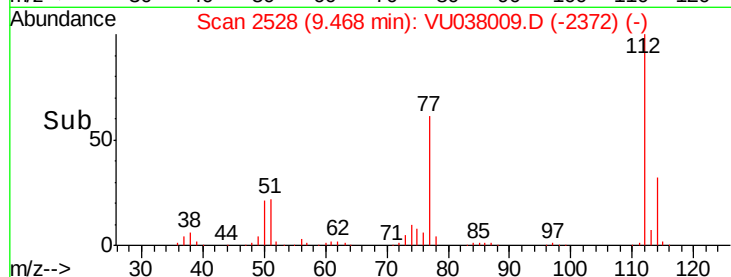
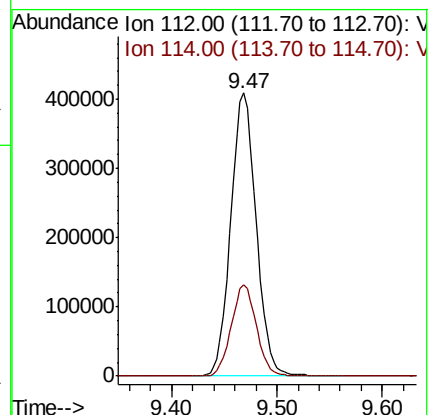
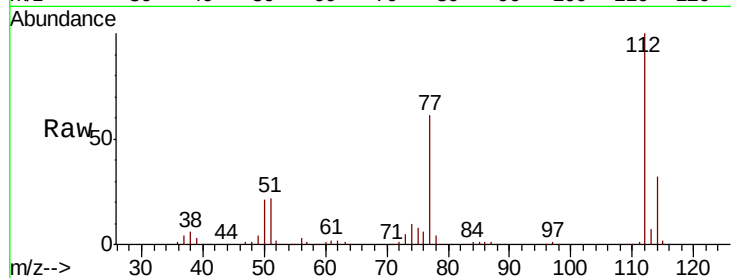
ClientSampleId :

Tot Ion:112 Resp: 682009

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 10.015 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

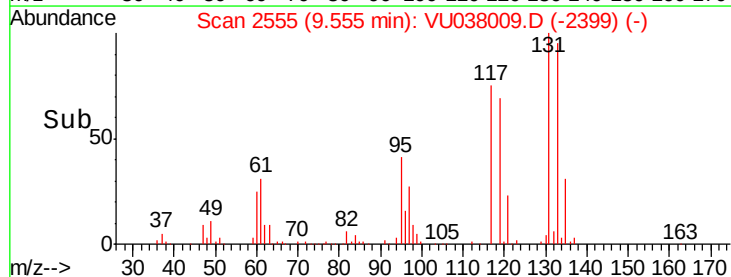
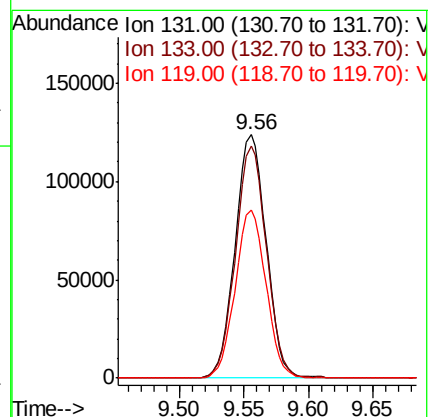
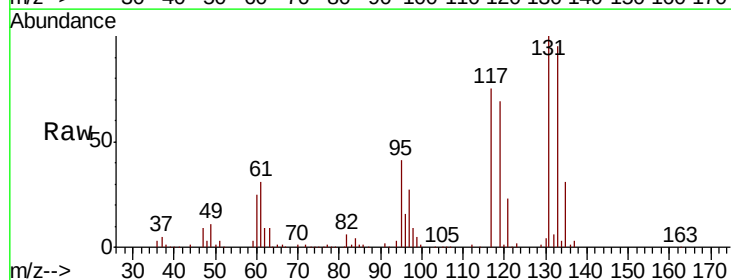
Tgt Ion:131 Resp: 207618

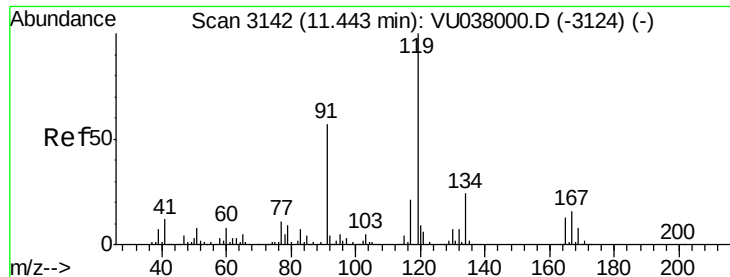
Ion Ratio Lower Upper

131 100

133 94.8 76.8 115.2

119 68.3 56.7 85.1





#61

Pentachloroethane

Concen: 9.674 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

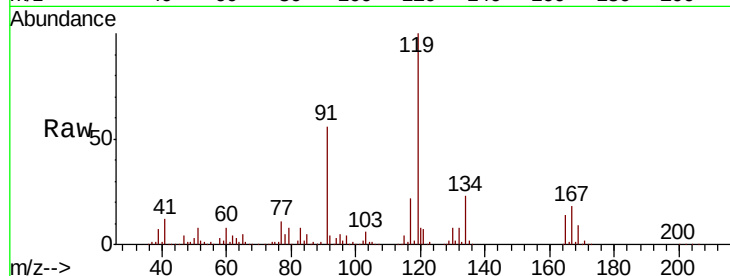
ClientSampleId :

Tot Ion:117 Resp: 150217

Ion Ratio Lower Upper

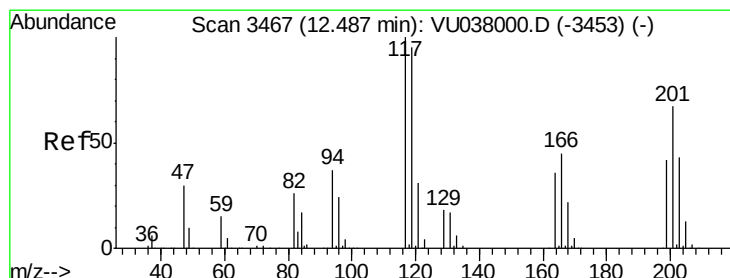
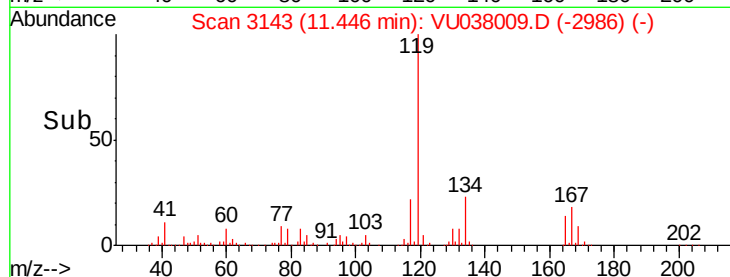
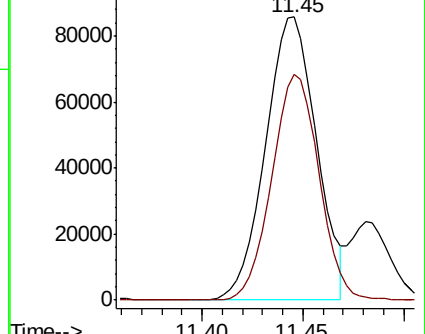
117 100

167 73.6 60.3 90.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 9.663 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VU038009.D

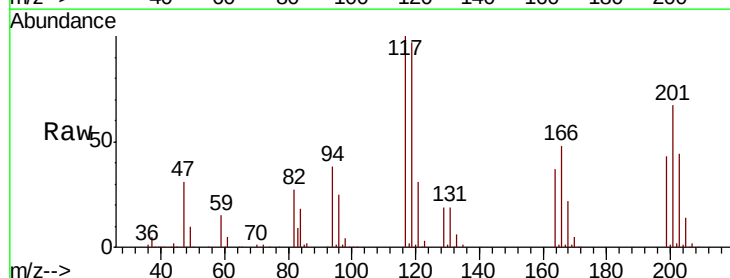
Acq: 05 May 2020 10:29

Tgt Ion:117 Resp: 156174

Ion Ratio Lower Upper

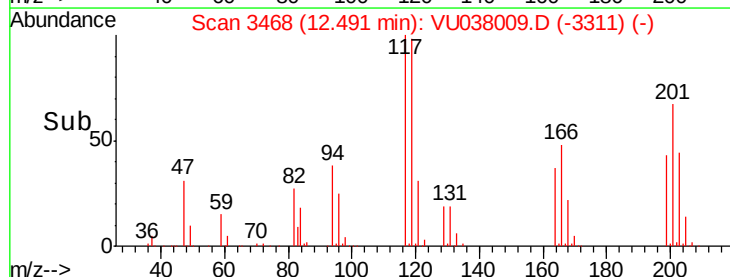
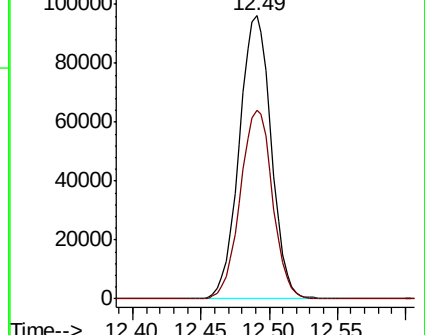
117 100

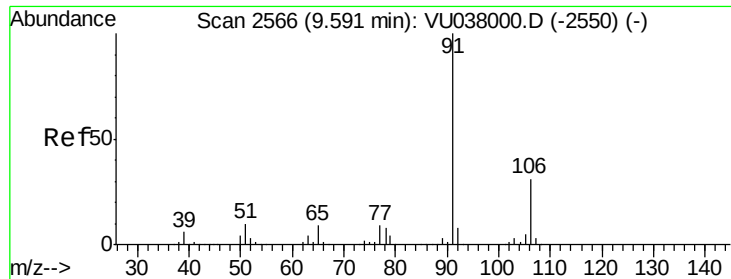
201 67.3 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 10.175 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

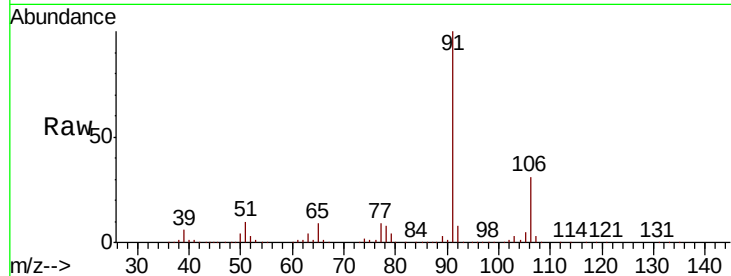
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 1236129

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VU038000.D (-2550) (-)

Ion 106.00 (105.70 to 106.70): VU038000.D (-2550) (-)

1200000

1000000

800000

600000

400000

200000

0

9.50 9.55 9.60 9.65 9.70

Time-->

Abundance

Ion 91.00 (90.70 to 91.70): VU038000.D (-2550) (-)

Ion 106.00 (105.70 to 106.70): VU038000.D (-2550) (-)

1200000

1000000

800000

600000

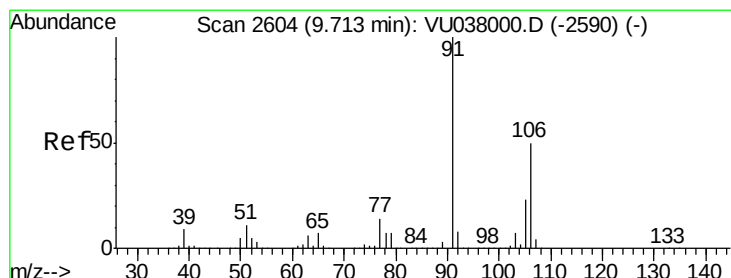
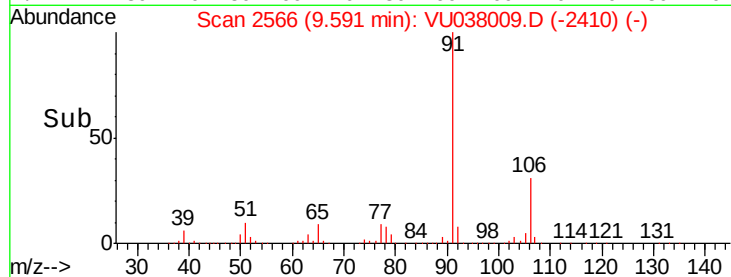
400000

200000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#64

m/p-Xylenes

Concen: 20.574 ug/l

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038009.D

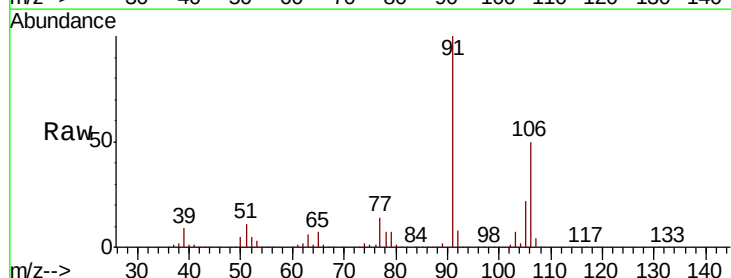
Acq: 05 May 2020 10:29

Tgt Ion: 106 Resp: 962014

Ion Ratio Lower Upper

106 100

91 199.9 159.5 239.3



Abundance Ion 106.00 (105.70 to 106.70): VU038000.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VU038000.D (-2590) (-)

1200000

1000000

800000

600000

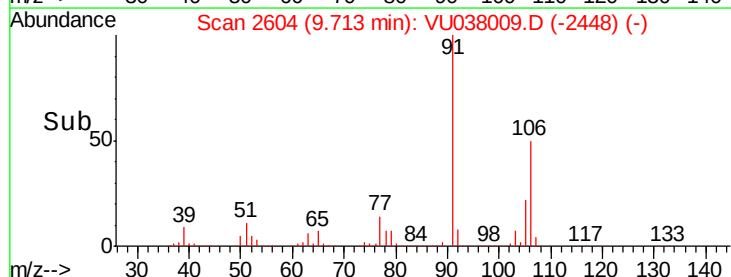
400000

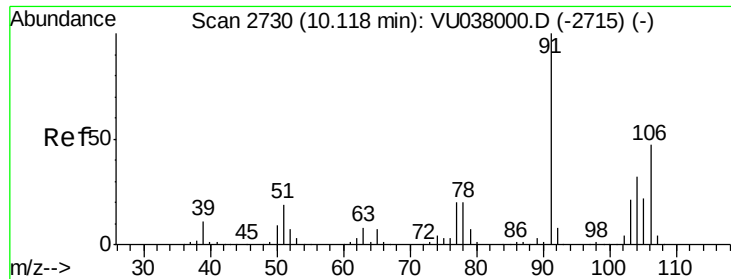
200000

0

9.60 9.70 9.80

Time-->

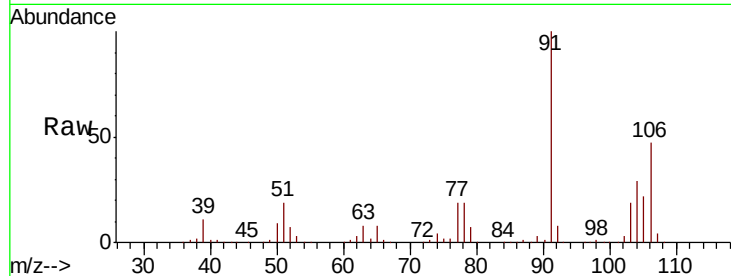




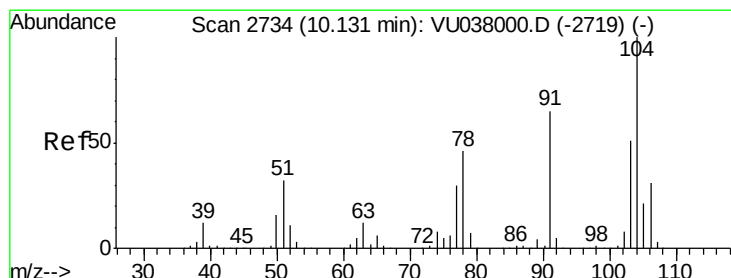
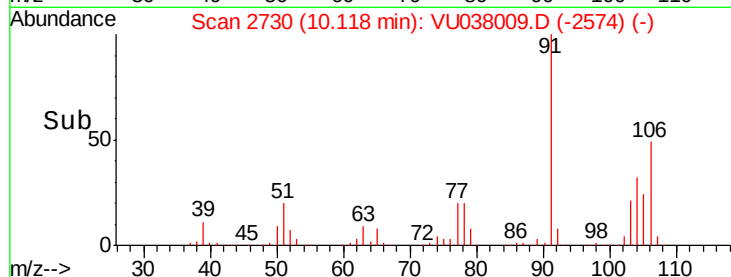
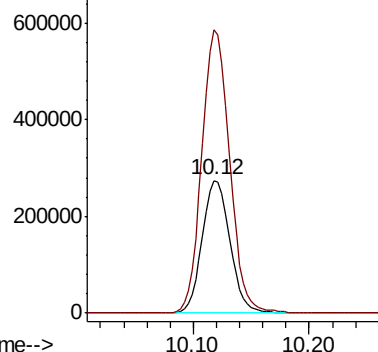
#65
o-Xylene
Concen: 10.016 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 456503
Ion Ratio Lower Upper
106 100
91 213.6 105.7 317.0

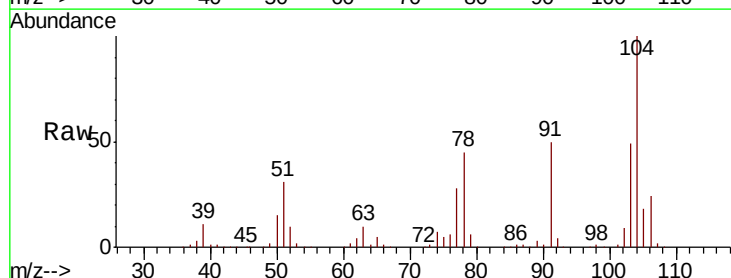


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

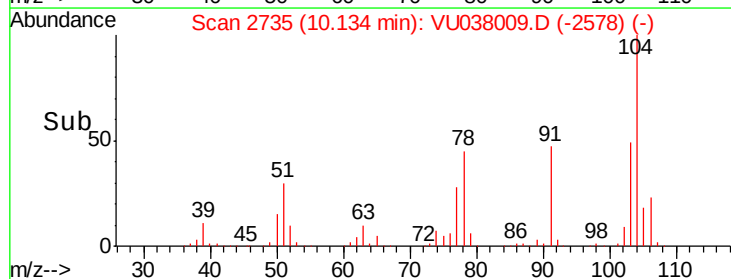
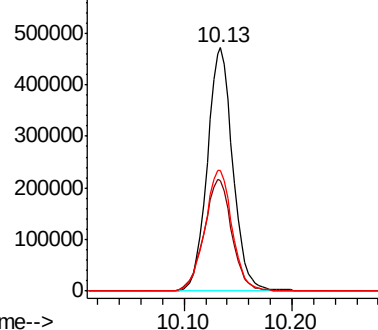


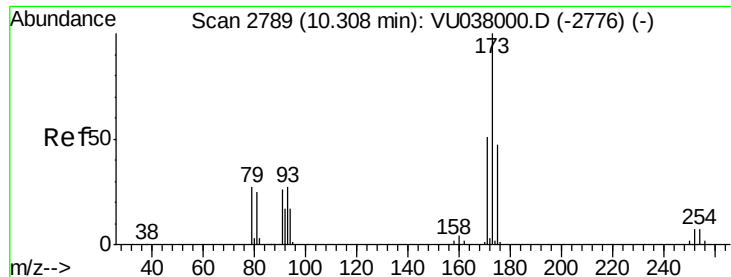
#66
Styrene
Concen: 10.375 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion:104 Resp: 779139
Ion Ratio Lower Upper
104 100
78 50.1 39.9 59.9
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

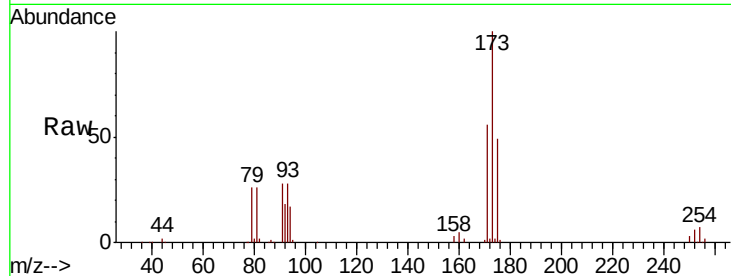




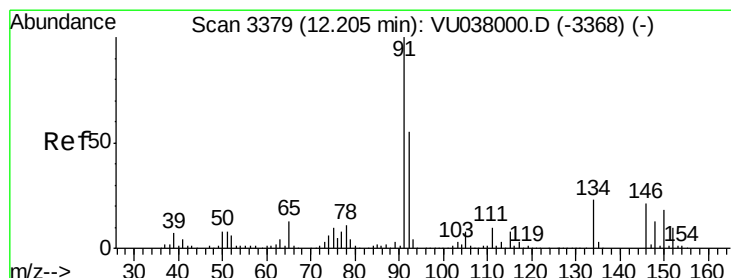
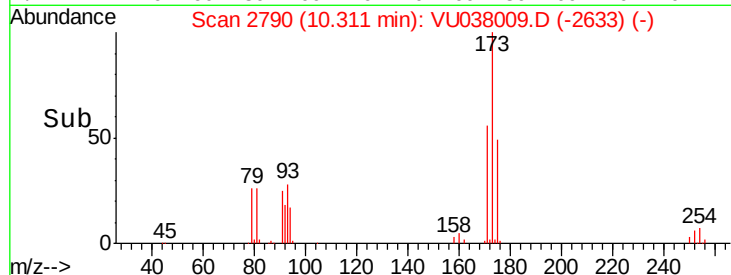
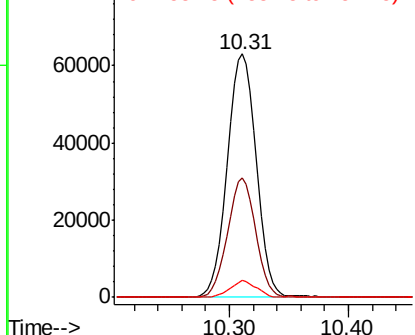
#67
Bromoform
Concen: 10.144 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:173 Resp: 106744
Ion Ratio Lower Upper
173 100
175 47.4 37.6 56.4
254 6.1 5.5 8.3

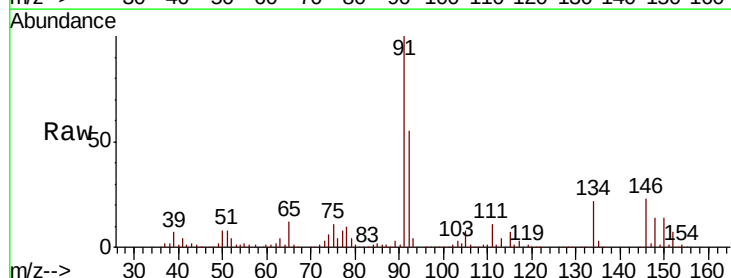


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

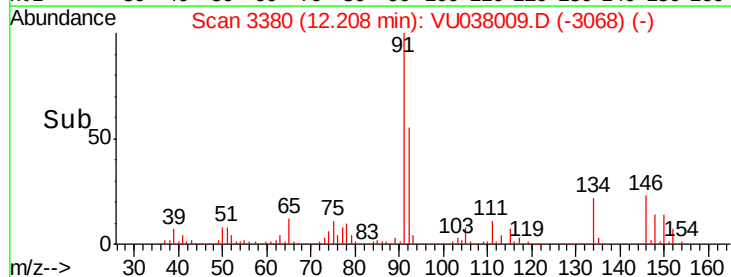
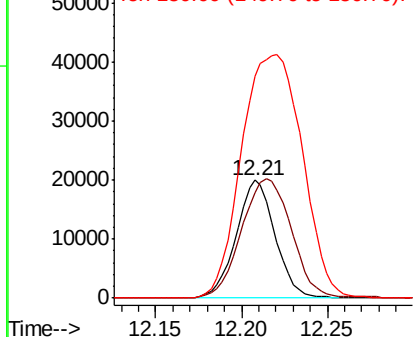


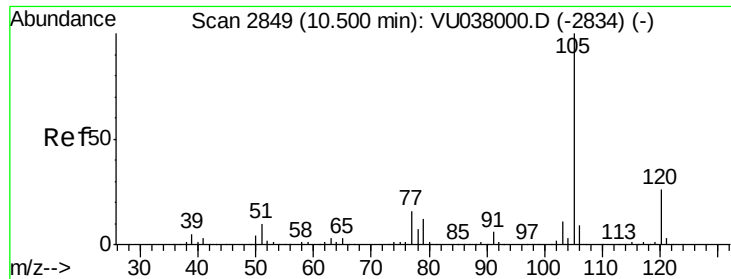
#68
1,2-Dichlorobenzene-d4
Concen: 0.971 ug/l
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion:152 Resp: 31428
Ion Ratio Lower Upper
152 100
115 129.7 0.0 261.0
150 322.4 0.0 650.2



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





#69

Isopropylbenzene

Concen: 10.128 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

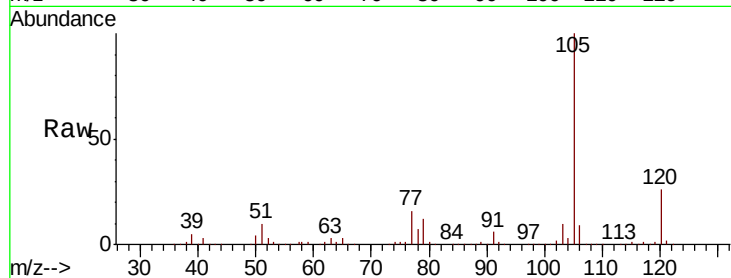
ClientSampled :

Tot Ion:105 Resp: 1205331

Ion Ratio Lower Upper

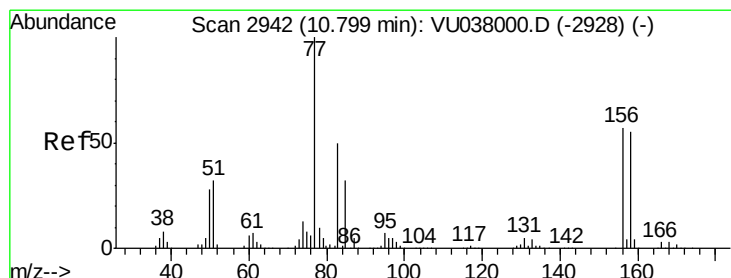
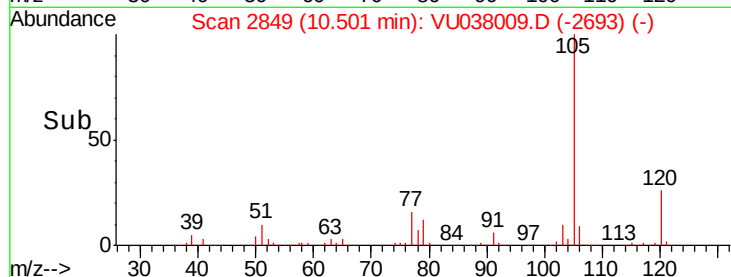
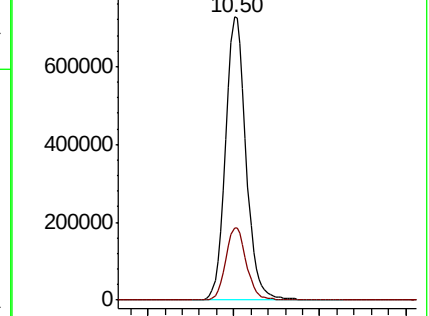
105 100

120 25.9 13.1 39.3



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: 10.074 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

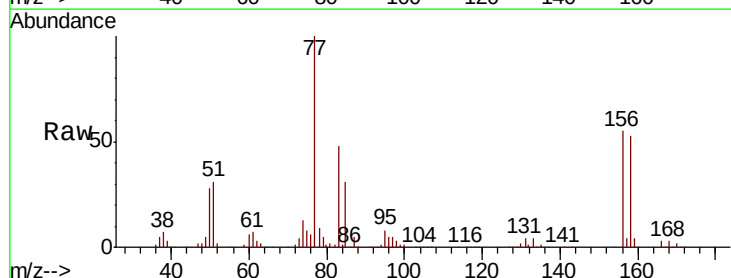
Tgt Ion: 83 Resp: 233096

Ion Ratio Lower Upper

83 100

131 8.8 7.2 10.8

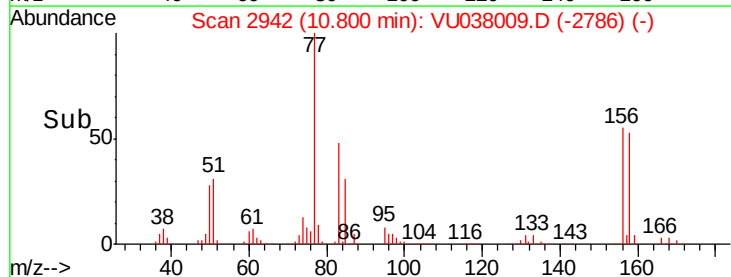
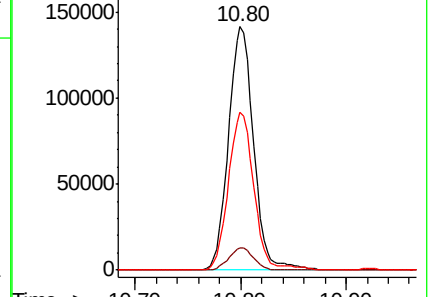
85 65.7 50.0 75.0

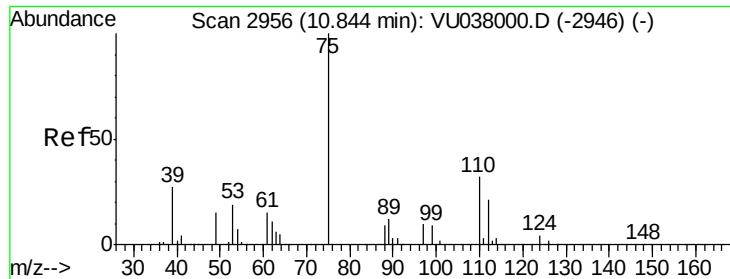


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

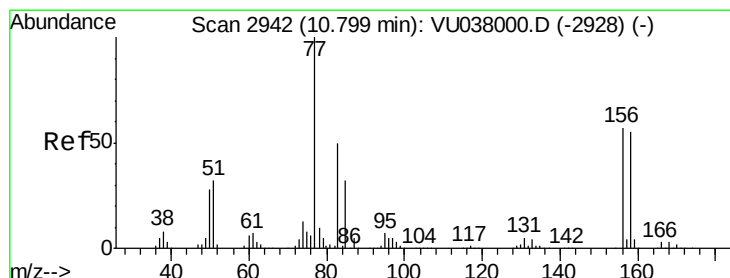
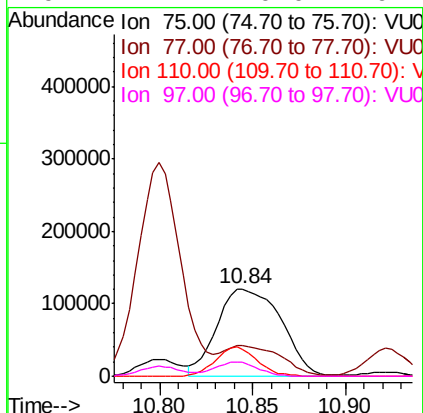
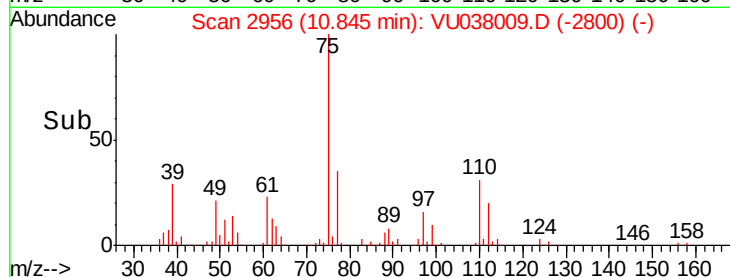
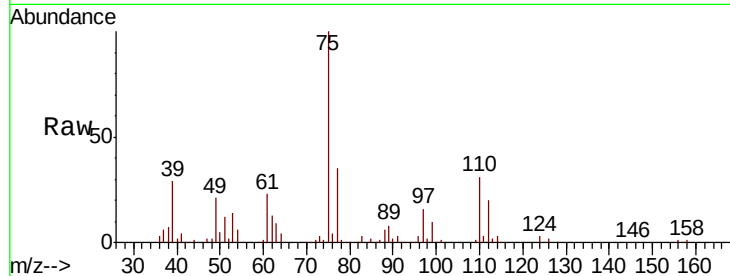




#71
1,2,3-Trichloropropane
Concen: 16.971 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

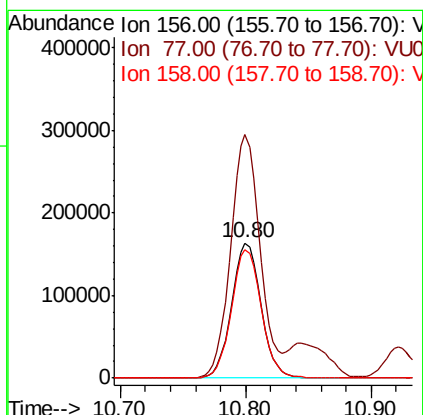
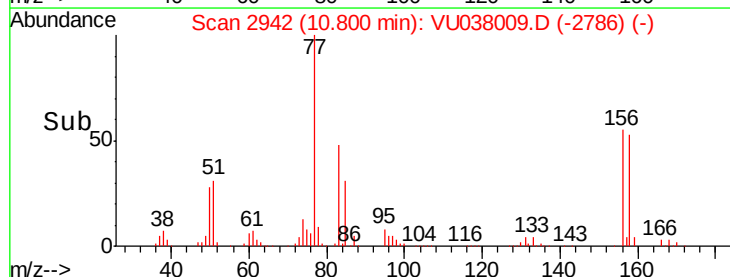
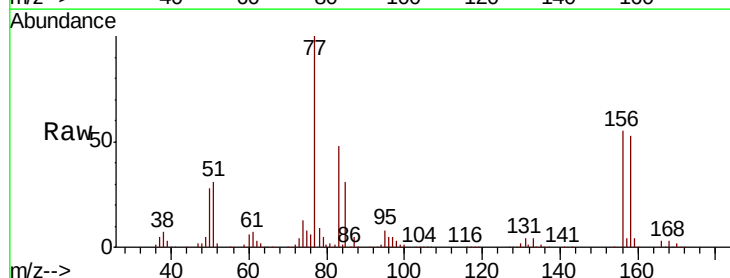
Instrument :
MSVOA_U
ClientSampled :

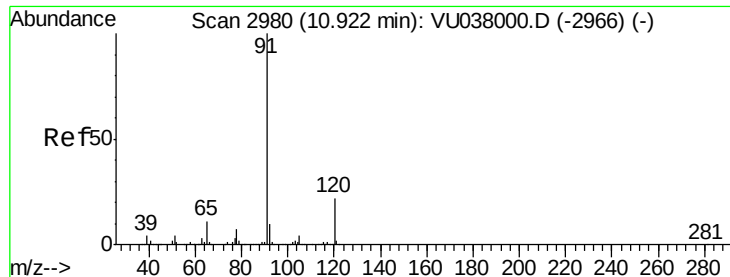
Tot Ion:	75	Resp:	290380
Ion	Ratio	Lower	Upper
75	100		
77	29.8	0.0	108.6
110	21.8	0.0	79.4
97	11.2	0.0	40.4



#72
Bromobenzene
Concen: 10.027 ug/l
RT: 10.80 min Scan# 2942
Delta R.T. 0.00 min
Lab File: VU038009.D
Acq: 05 May 2020 10:29

Tgt Ion:	156	Resp:	266550
Ion	Ratio	Lower	Upper
156	100		
77	179.9	0.0	355.6
158	96.8	0.0	194.0





#73

n-propylbenzene

Concen: 10.251 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

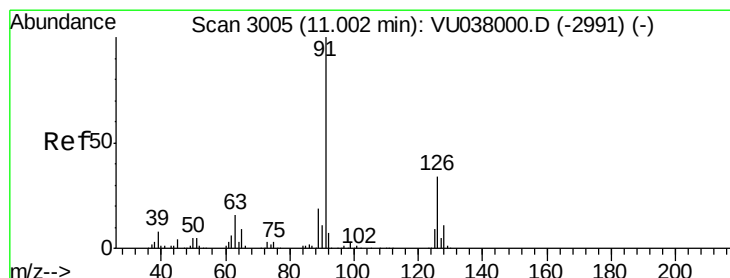
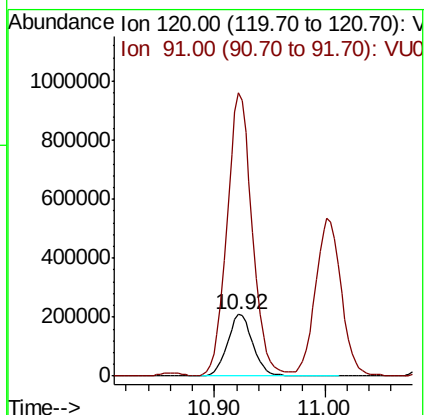
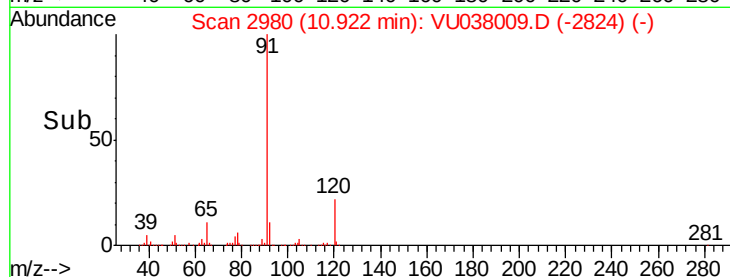
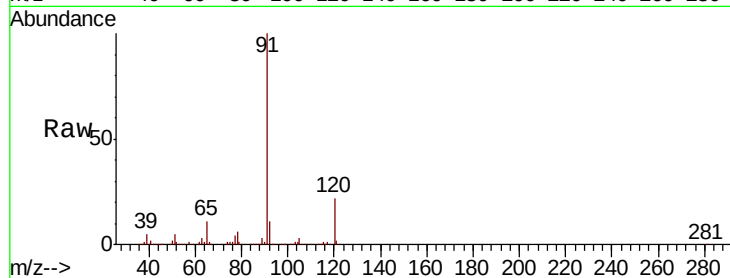
ClientSampled :

Tot Ion:120 Resp: 334778

Ion Ratio Lower Upper

120 100

91 454.3 355.4 533.0



#74

2-Chlorotoluene

Concen: 10.022 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038009.D

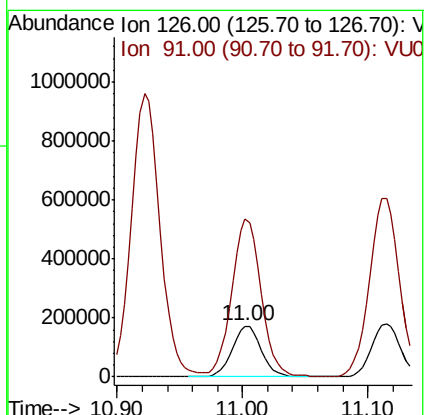
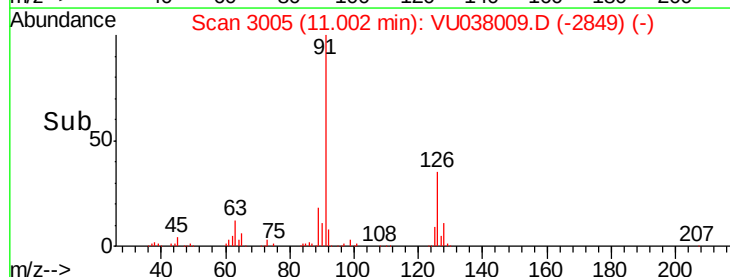
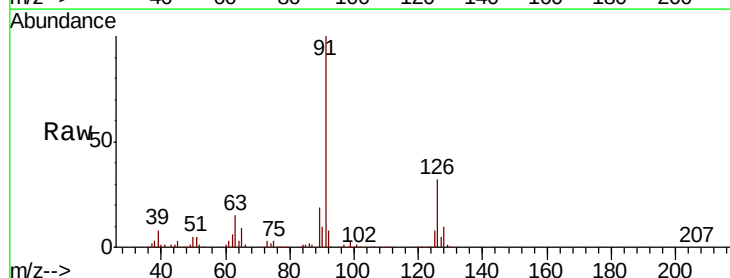
Acq: 05 May 2020 10:29

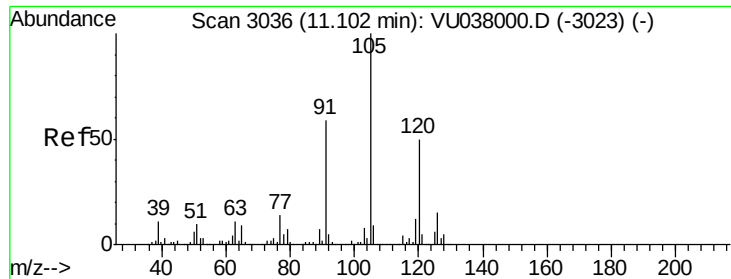
Tgt Ion:126 Resp: 274712

Ion Ratio Lower Upper

126 100

91 315.6 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 10.395 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

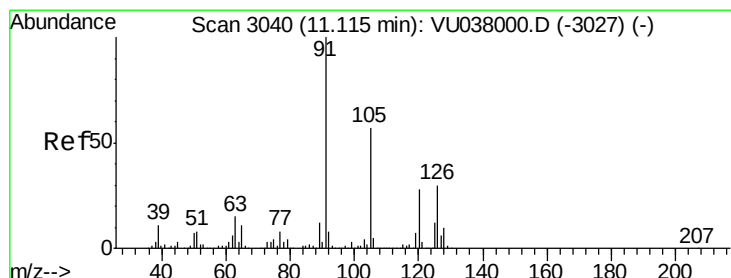
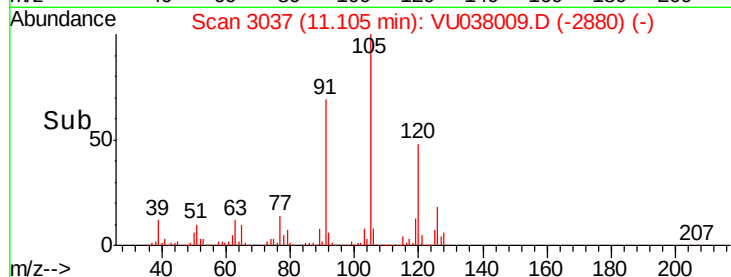
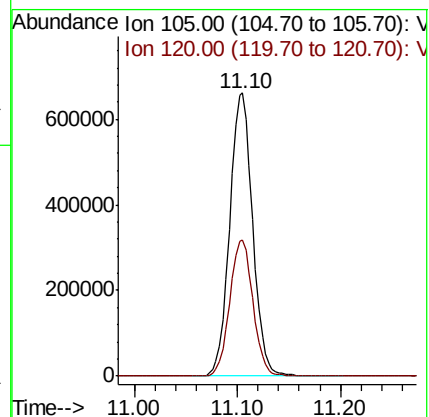
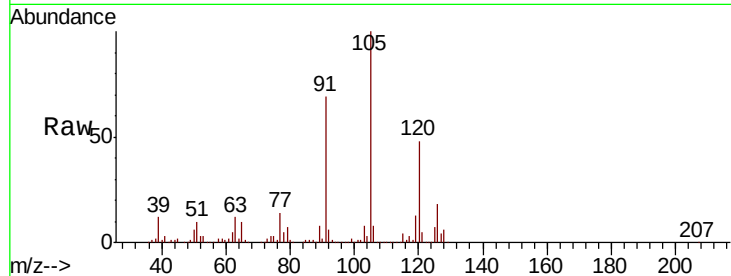
ClientSampled :

Tot Ion:105 Resp: 1023942

Ion Ratio Lower Upper

105 100

120 48.9 39.8 59.6



#76

4-Chlorotoluene

Concen: 10.170 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038009.D

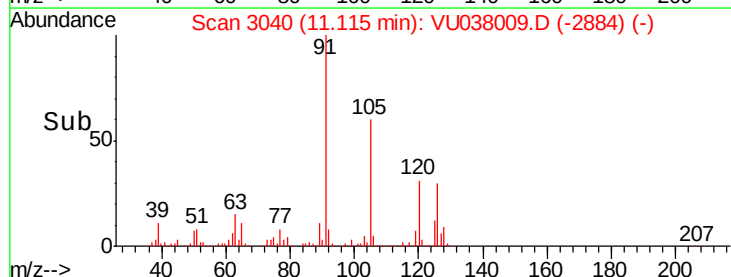
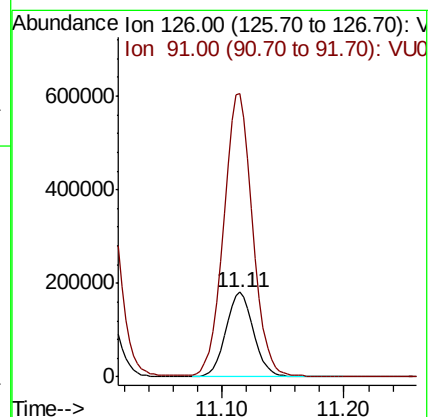
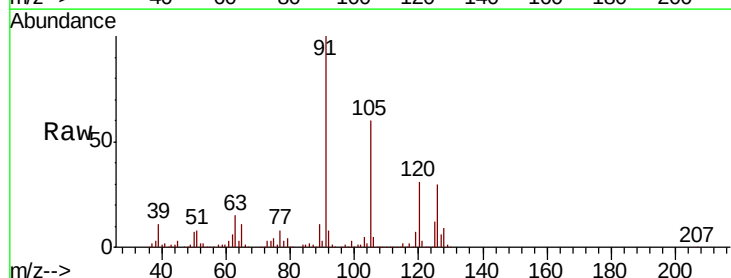
Acq: 05 May 2020 10:29

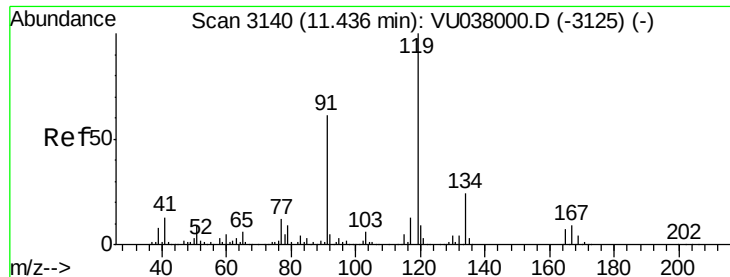
Tgt Ion:126 Resp: 289526

Ion Ratio Lower Upper

126 100

91 349.7 0.0 698.6

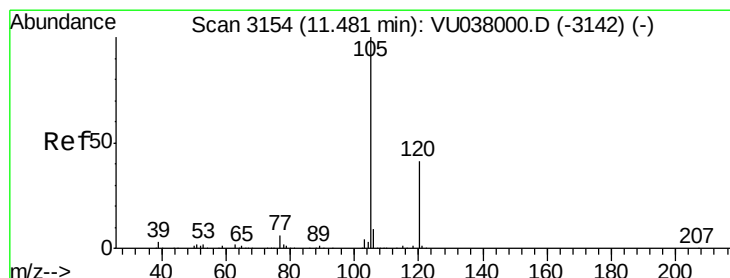
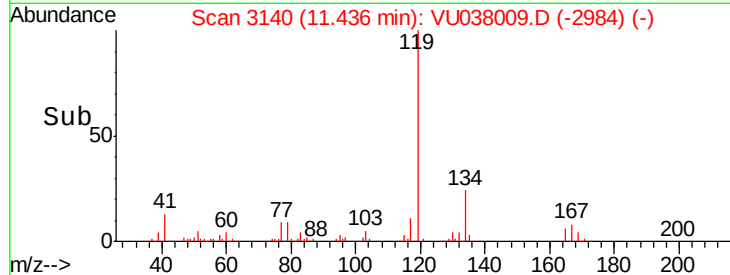
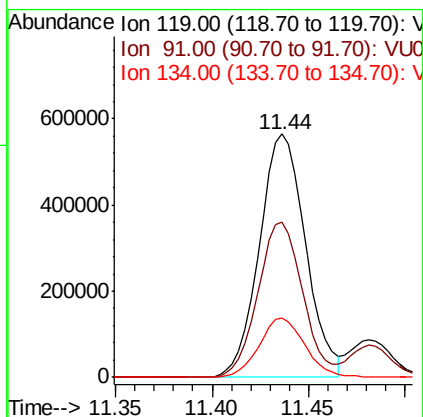
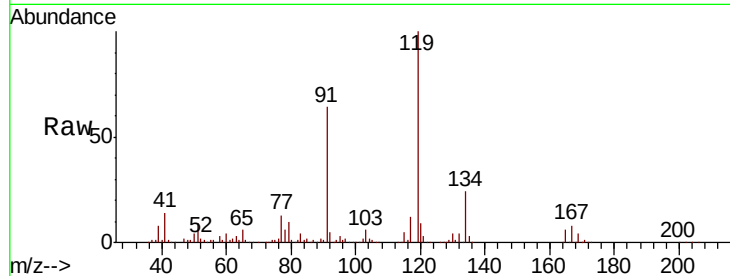




#77
 tert-Butylbenzene
 Concen: 9.997 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

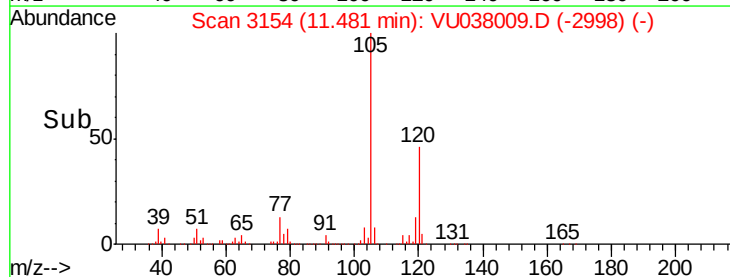
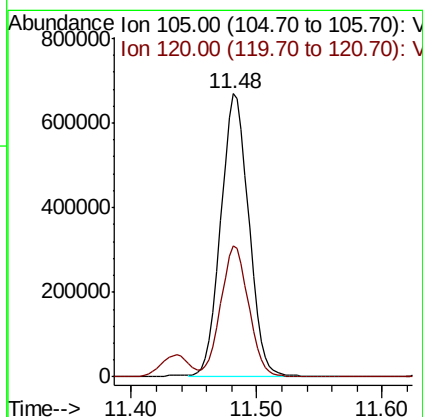
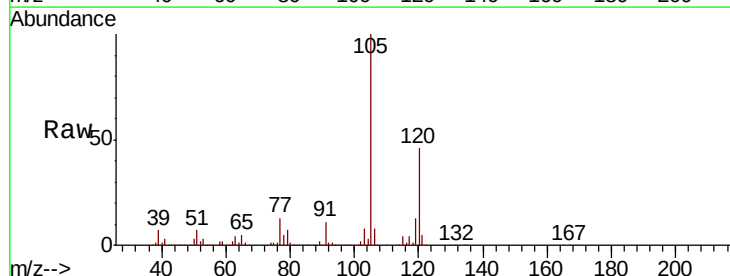
Instrument :
 MSVOA_U
 ClientSampled :

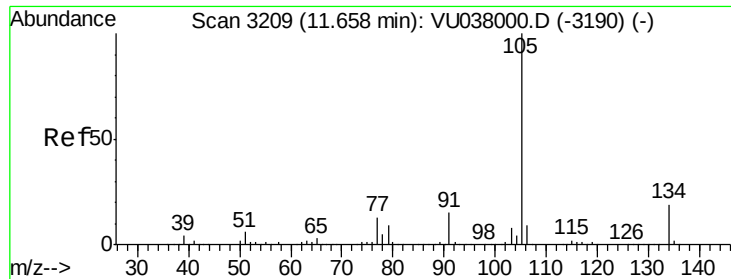
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.1	90.5
134	24.2	19.0	28.6



#78
 1,2,4-Trimethylbenzene
 Concen: 10.242 ug/l
 RT: 11.48 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.0





#79

sec-Butylbenzene

Concen: 10.240 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

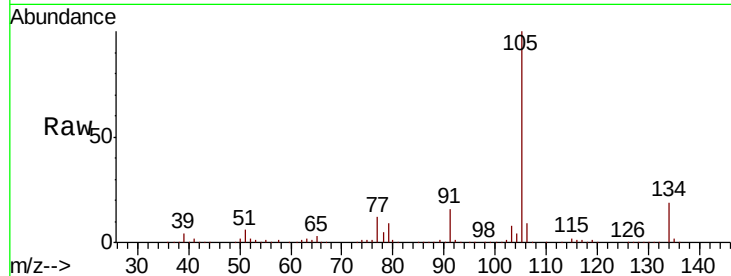
ClientSampled :

Tot Ion:105 Resp: 1375249

Ion Ratio Lower Upper

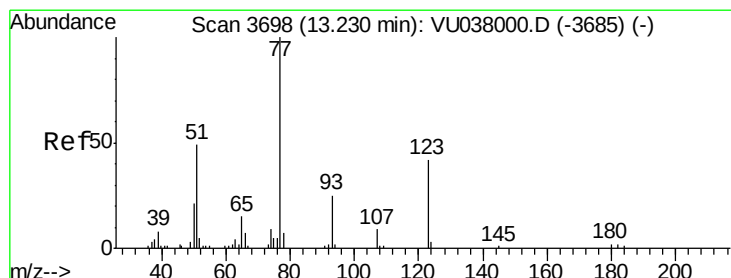
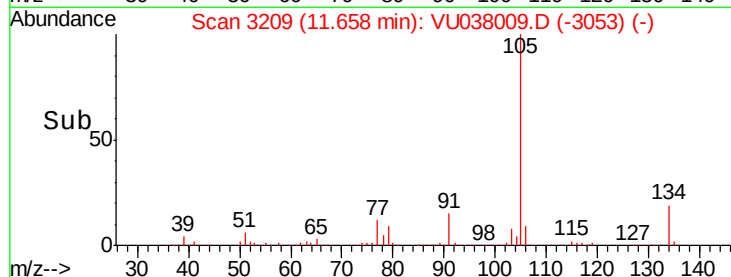
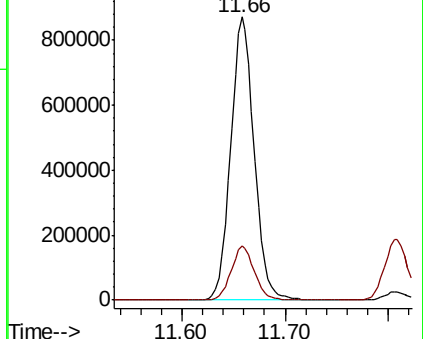
105 100

134 19.0 15.4 23.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 46.808 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

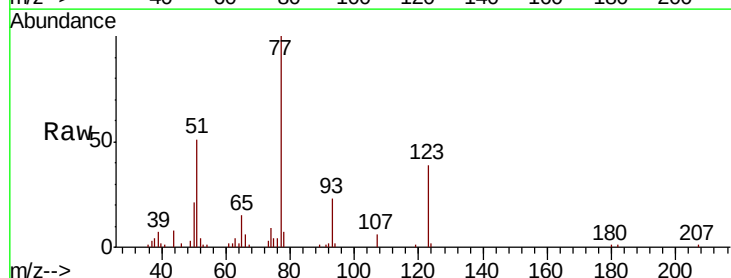
Tgt Ion: 77 Resp: 32108

Ion Ratio Lower Upper

77 100

123 38.3 17.6 62.6

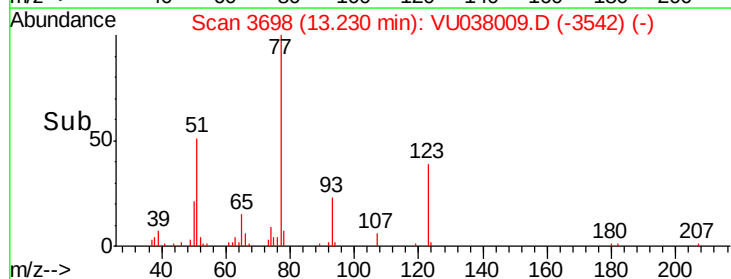
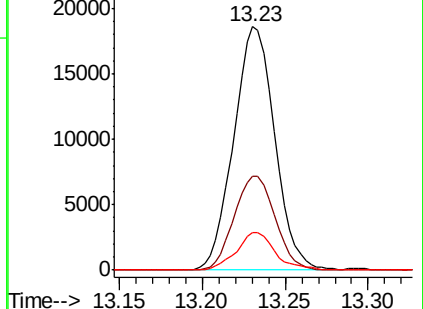
65 14.5 13.2 16.8

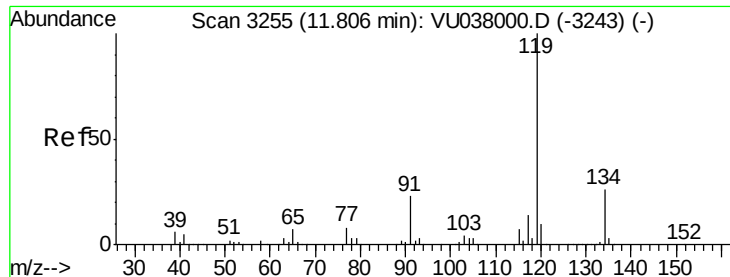


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0



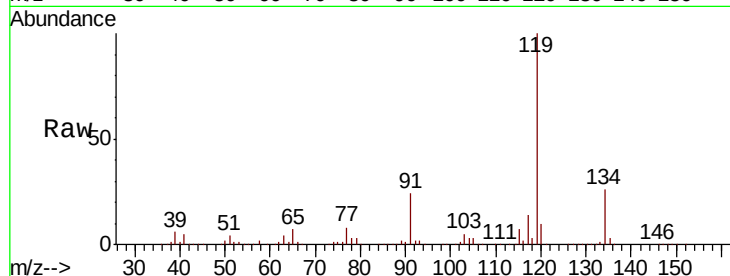


#81
 p-Isopropyltoluene
 Concen: 10.380 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

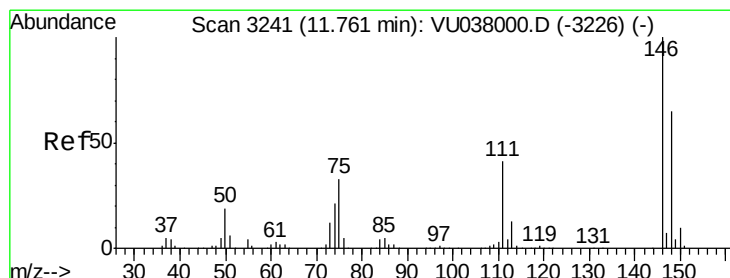
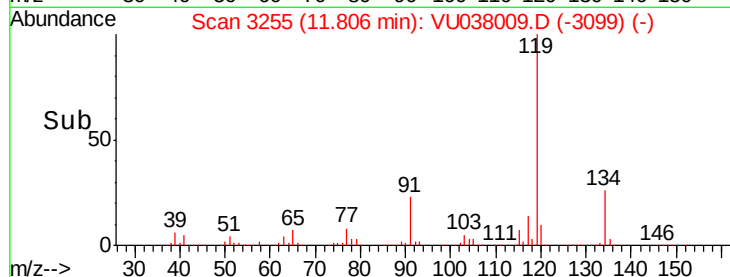
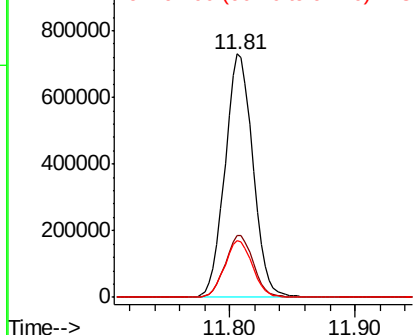
Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:119 Resp: 1125097

Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	31.0
91	23.3	18.6	28.0



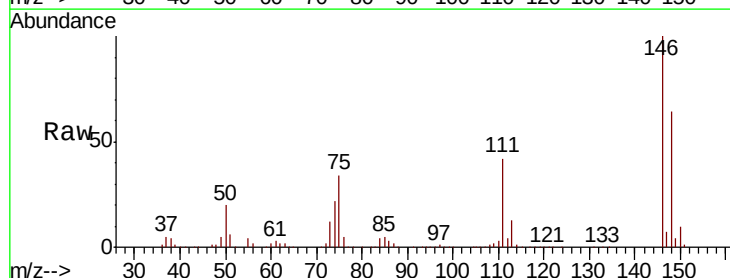
Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



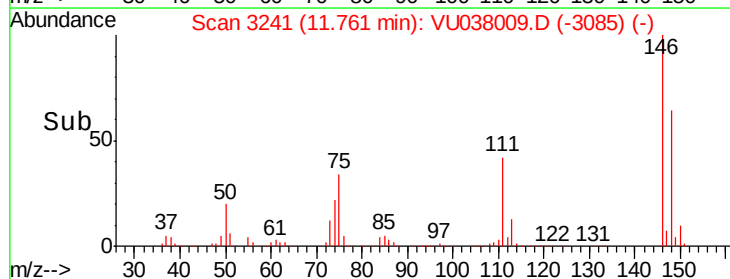
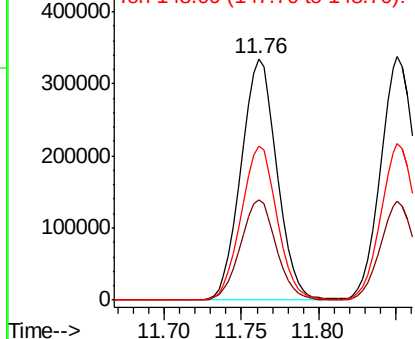
#82
 1,3-Dichlorobenzene
 Concen: 9.831 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

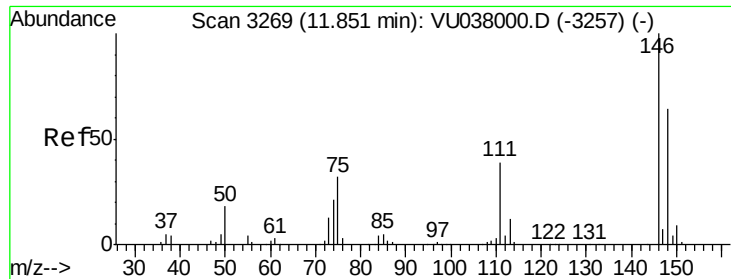
Tgt Ion:146 Resp: 541113

Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.0	49.4
148	63.9	51.4	77.2



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

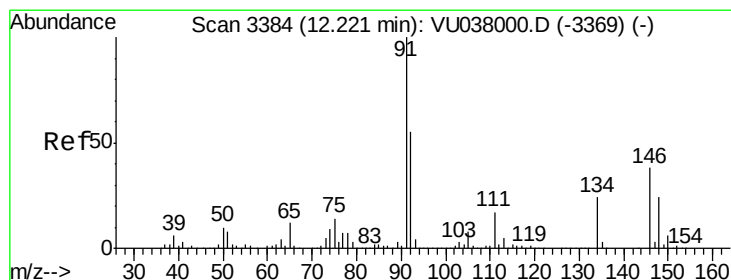
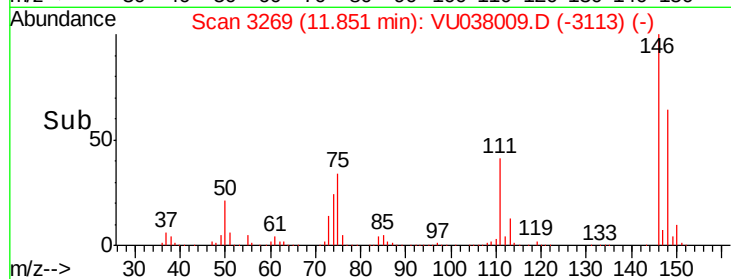
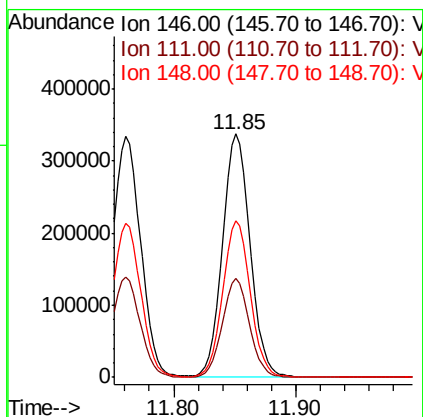
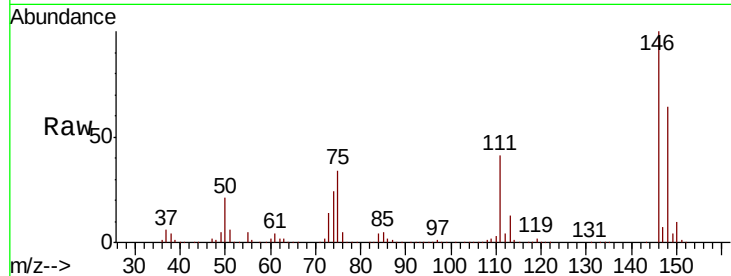




#83
 1,4-Dichlorobenzene
 Concen: 9.678 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

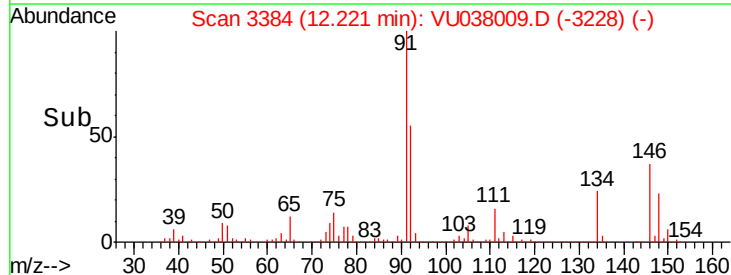
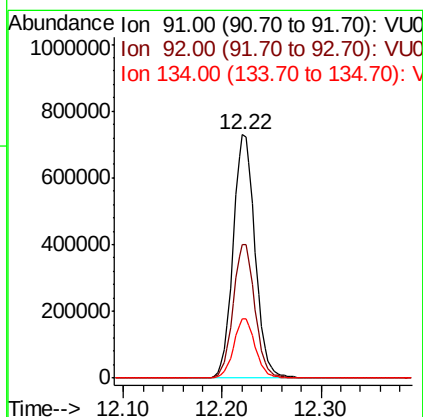
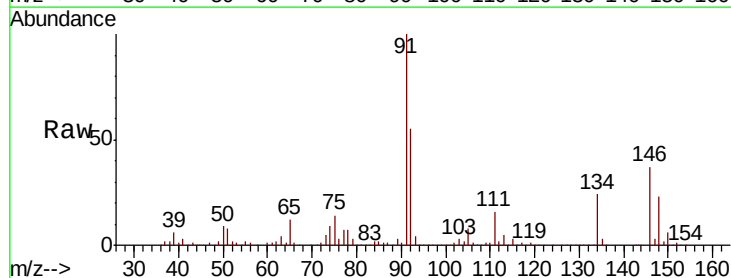
Instrument :
 MSVOA_U
 ClientSampled :

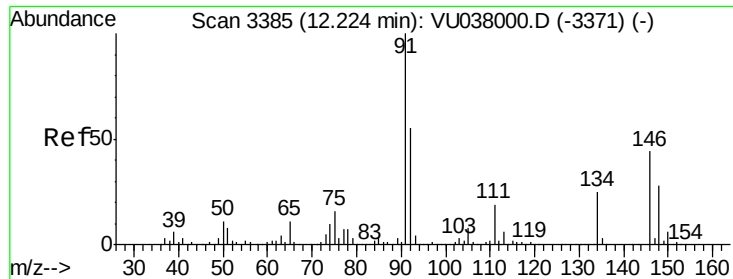
Tot Ion:146 Resp: 539266
 Ion Ratio Lower Upper
 146 100
 111 39.9 31.8 47.6
 148 64.2 51.2 76.8



#84
 n-Butylbenzene
 Concen: 10.459 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion: 91 Resp: 1131766
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.8 65.6
 134 24.0 19.4 29.2

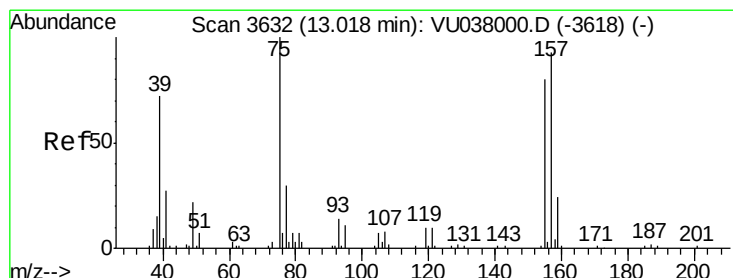
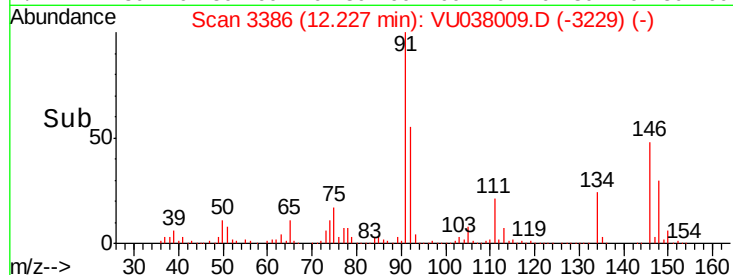
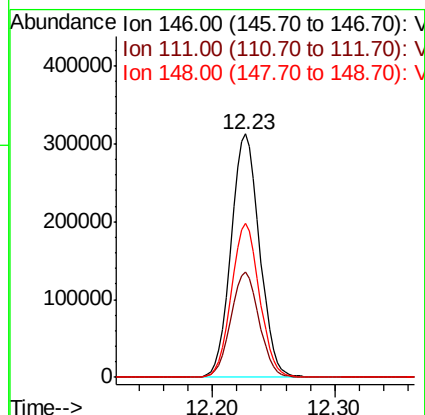
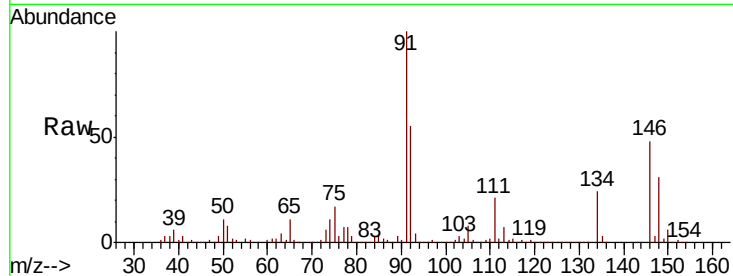




#85
 1,2-Dichlorobenzene
 Concen: 9.925 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

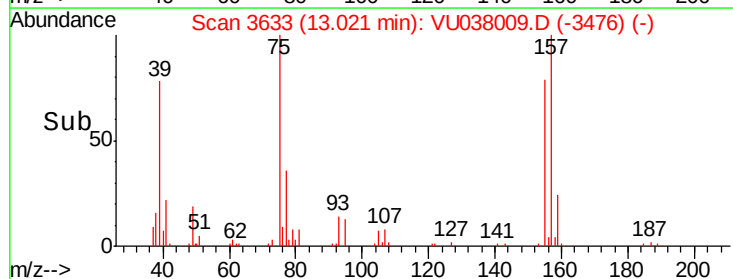
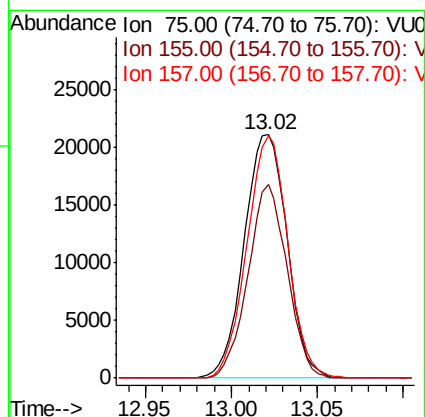
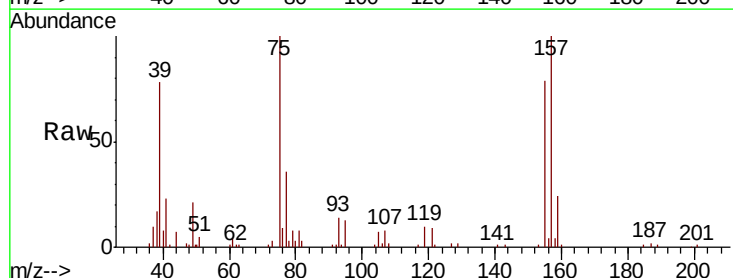
Instrument :
 MSVOA_U
 ClientSampled :

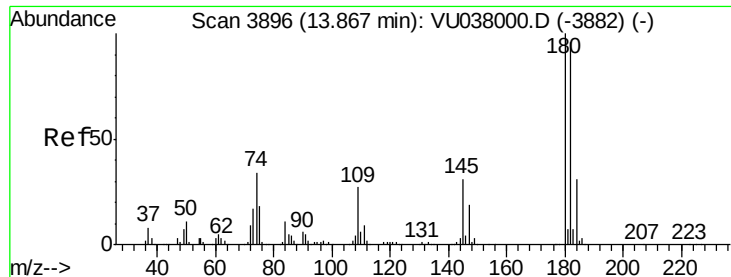
Tot Ion:146 Resp: 508482
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.9 65.8
 148 62.7 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.979 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion: 75 Resp: 36356
 Ion Ratio Lower Upper
 75 100
 155 72.8 60.9 91.3
 157 95.2 78.1 117.1

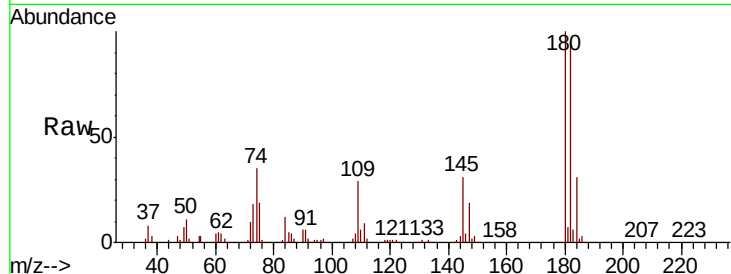




#87
 1,2,4-Trichlorobenzene
 Concen: 9.558 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.9	115.3
145	31.1	24.7	37.1

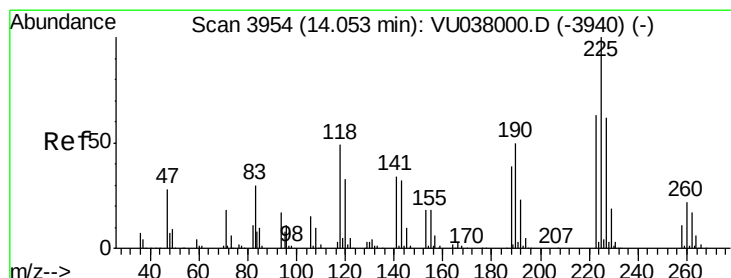
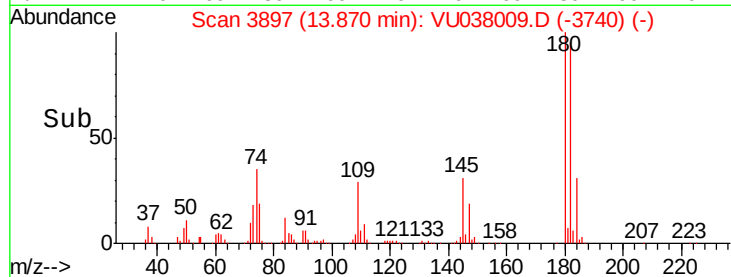
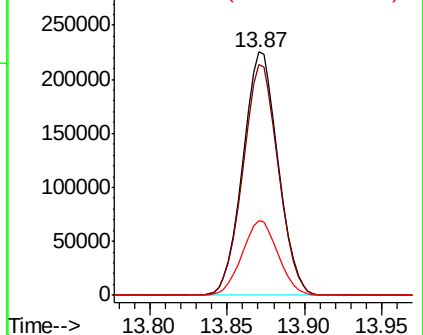


Abundance

Ion 179.70 (179.40 to 180.40): V

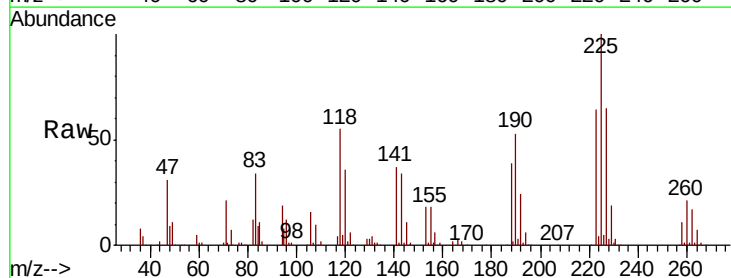
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88
 Hexachlorobutadiene
 Concen: 9.285 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU038009.D
 Acq: 05 May 2020 10:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.3	76.9
227	65.1	49.2	73.8

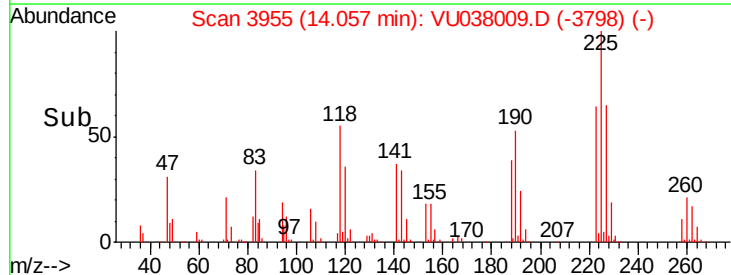
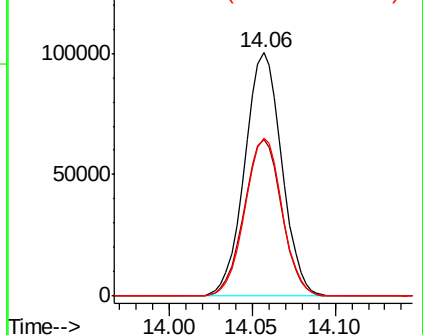


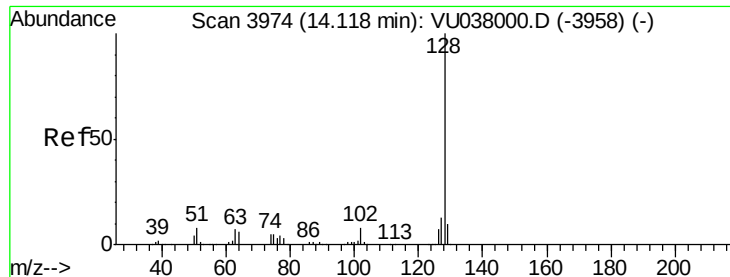
Abundance

Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 9.975 ug/l

RT: 14.12 min Scan# 3975

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

Instrument :

MSVOA_U

ClientSampleId :

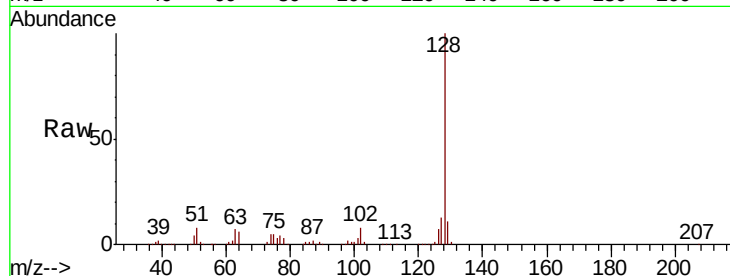
Tot Ion:128 Resp: 718473

Ion Ratio Lower Upper

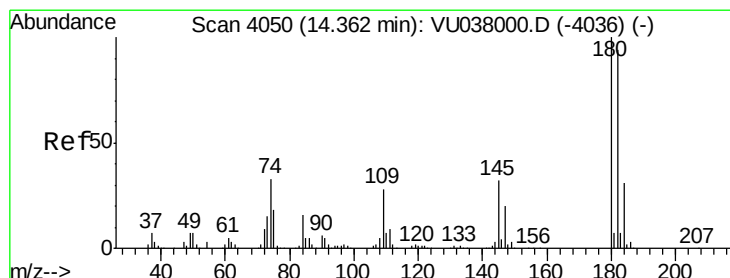
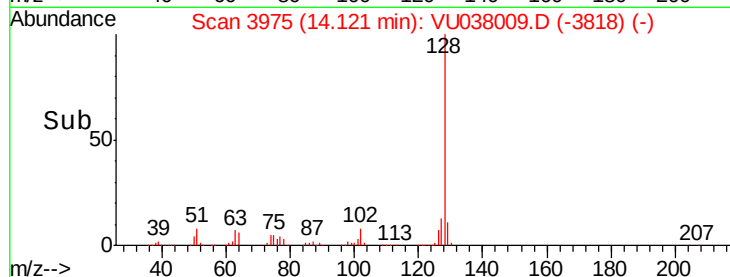
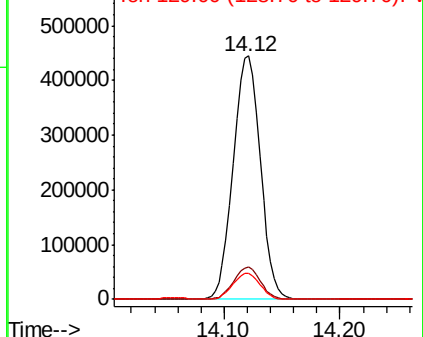
128 100

127 13.1 10.4 15.6

129 10.7 8.6 12.8



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: 9.791 ug/l

RT: 14.37 min Scan# 4051

Delta R.T. 0.00 min

Lab File: VU038009.D

Acq: 05 May 2020 10:29

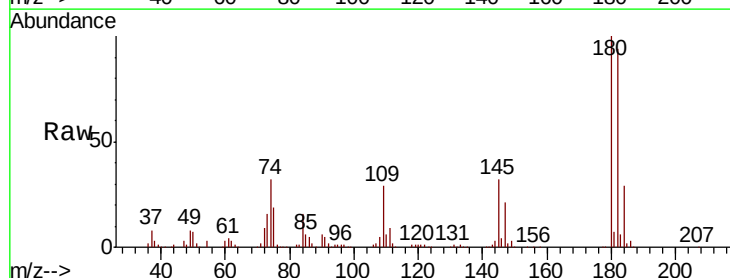
Tgt Ion:180 Resp: 326748

Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 32.7 26.0 39.0



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

