

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
 Data File : VU038015.D
 Acq On : 05 May 2020 14:15
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 06 00:58:48 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	89059	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	33062	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	31562	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	291649	9.648	ug/l	99
3) Chloromethane	1.54	50	330728	9.240	ug/l	99
4) Vinyl Chloride	1.62	62	343541	9.637	ug/l	99
5) Bromomethane	1.87	94	171703	8.027	ug/l	97
6) Chloroethane	1.95	64	203825	9.571	ug/l	99
7) Trichlorofluoromethane	2.16	101	362466	9.754	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	226136	9.761	ug/l	99
9) 1,1-Dichloroethene	2.60	96	223934	9.627	ug/l	99
10) Iodomethane	2.75	142	207288	9.358	ug/l	100
11) Allyl Chloride	2.95	41	418191	9.691	ug/l	99
12) Acrylonitrile	3.35	53	117108	18.417	ug/l	97
13) Acetone	2.65	43	249332	49.021	ug/l	99
14) Carbon Disulfide	2.82	76	799309	9.411	ug/l	100
15) Methylene Chloride	3.07	84	279414	10.301	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	246436	9.682	ug/l	99
17) 1,1-Dichloroethane	3.91	63	465042	9.633	ug/l	98
18) 2-Butanone	4.75	43	359692	47.164	ug/l	100
19) Cyclohexane	5.42	56	409190	8.741	ug/l	91
20) Methylcyclohexane	6.79	83	459056	10.004	ug/l	100
21) 2,2-Dichloropropane	4.70	77	393560	9.754	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	268117	9.964	ug/l	100
23) Diethyl Ether	2.40	59	202039	9.904	ug/l	98
24) tert-Butyl Alcohol	3.23	59	179360	79.226	ug/l	98
25) Methyl tert-Butyl Ether	3.40	73	609751	9.567	ug/l	100
26) Bromochloromethane	5.01	128	103208	9.530	ug/l	98
27) Chloroform	5.13	83	437174	9.656	ug/l	97
28) 1,1,1-Trichloroethane	5.35	97	366671	9.828	ug/l	100
29) 1,1-Dichloropropene	5.56	75	363645	9.684	ug/l	100
30) Carbon Tetrachloride	5.56	117	300058	9.612	ug/l	97
31) Isopropyl Ether	4.04	45	768546	9.674	ug/l	100
32) Ethyl-t-butyl ether	4.55	59	679776	9.476	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	585121	9.464	ug/l	99
34) Propionitrile	4.82	54	95529	43.752	ug/l	99
35) Benzene	5.81	78	1024334	9.748	ug/l	99
36) 1,2-Dichloroethane	5.83	62	300083	9.653	ug/l	100
37) Trichloroethene	6.57	130	256933	9.313	ug/l	97
38) 1,2-Dichloropropane	6.82	63	274270	9.700	ug/l	98
39) Methacrylonitrile	5.02	41	93296	9.122	ug/l	99
40) Methyl acrylate	4.89	55	144453	9.585	ug/l	99
41) Tetrahydrofuran	5.10	42	89520	17.548	ug/l	99
42) 1-Chlorobutane	5.49	56	529707	9.791	ug/l	100

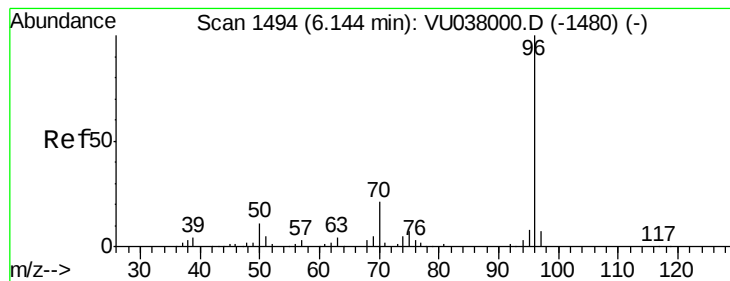
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
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 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	125793	9.550	ug/l	99
44) Bromodichloromethane	7.13	83	329628	9.963	ug/l	100
45) 4-Methyl-2-Pentanone	7.82	43	846040	47.129	ug/l	100
46) t-1,4-Dichloro-2-butene	10.84	75	279690	50.387	ug/l #	39
47) Methyl methacrylate	6.99	69	256256	19.131	ug/l	99
48) Ethyl methacrylate	8.36	69	240664	9.705	ug/l	99
49) Toluene	7.99	92	657587	9.898	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	325103	9.619	ug/l	99
51) cis-1,3-Dichloropropene	7.63	75	395156	9.735	ug/l	99
52) 1,1,2-Trichloroethane	8.42	97	175937	9.432	ug/l	99
53) 1,3-Dichloropropane	8.60	76	339409	9.693	ug/l	99
54) 2-Hexanone	8.71	43	586222	46.265	ug/l	100
55) Dibromochloromethane	8.84	129	199963	9.675	ug/l	100
56) 1,2-Dibromoethane	8.95	107	165129	9.385	ug/l	99
58) Tetrachloroethene	8.57	164	247615	9.616	ug/l	100
59) Chlorobenzene	9.47	112	683704	9.693	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	206434	9.640	ug/l	99
61) Pentachloroethane	11.44	117	154953	9.660	ug/l	98
62) Hexachloroethane	12.49	117	151602	9.080	ug/l	98
63) Ethyl Benzene	9.59	91	1243188	9.906	ug/l	99
64) m/p-Xylenes	9.71	106	969099	20.063	ug/l	100
65) o-Xylene	10.12	106	466534	9.909	ug/l	99
66) Styrene	10.13	104	784457	10.112	ug/l	100
67) Bromoform	10.31	173	104493	9.613	ug/l	97
69) Isopropylbenzene	10.50	105	1218176	9.909	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	228673	9.567	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	279690	15.823	ug/l	70
72) Bromobenzene	10.80	156	263476	9.594	ug/l	98
73) n-propylbenzene	10.92	120	333467	9.885	ug/l	95
74) 2-Chlorotoluene	11.00	126	277543	9.801	ug/l	99
75) 1,3,5-Trimethylbenzene	11.11	105	1019736	10.021	ug/l	100
76) 4-Chlorotoluene	11.11	126	288103	9.796	ug/l	98
77) tert-Butylbenzene	11.44	119	949654	9.805	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	1045749	9.981	ug/l	100
79) sec-Butylbenzene	11.66	105	1379165	9.941	ug/l	100
80) Nitrobenzene	13.23	77	27368	38.622	ug/l	98
81) p-Isopropyltoluene	11.81	119	1118273	9.987	ug/l	99
82) 1,3-Dichlorobenzene	11.76	146	544614	9.578	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	542703	9.428	ug/l	100
84) n-Butylbenzene	12.22	91	1141373	10.210	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	507231	9.584	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	33616	8.932	ug/l	96
87) 1,2,4-Trichlorobenzene	13.87	180	361599	9.345	ug/l	98
88) Hexachlorobutadiene	14.06	225	154274	8.917	ug/l	98
89) Naphthalene	14.12	128	701217	9.424	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	322345	9.350	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: VU038015.D

Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 89059

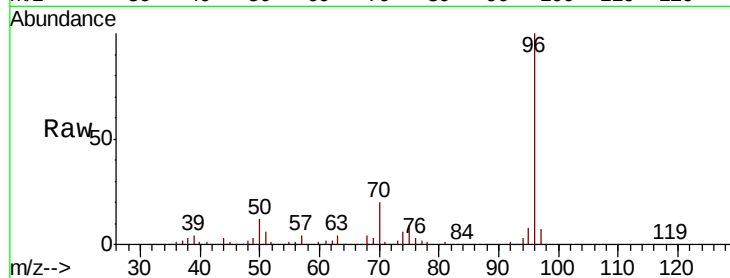
Ion Ratio Lower Upper

96 100

70 17.4 14.4 21.6

95 9.0 7.1 10.7

97 0.0 0.0 0.0

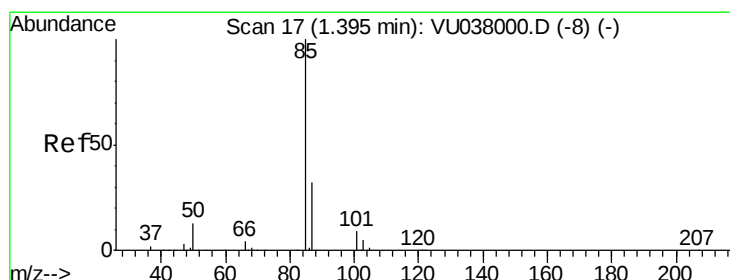
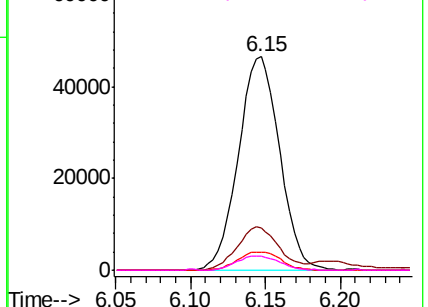
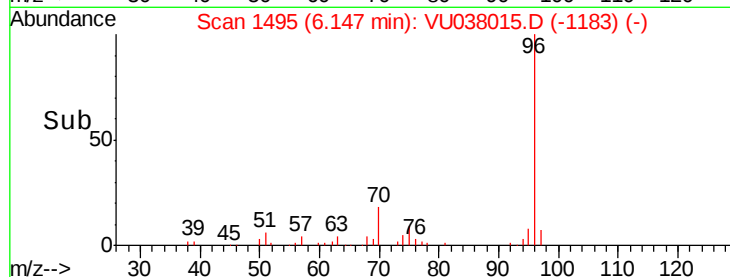


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.648 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038015.D

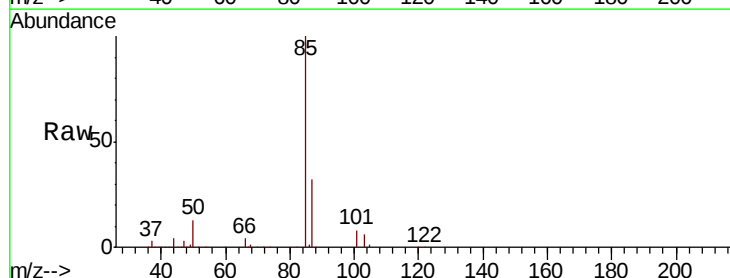
Acq: 05 May 2020 14:15

Tgt Ion: 85 Resp: 291649

Ion Ratio Lower Upper

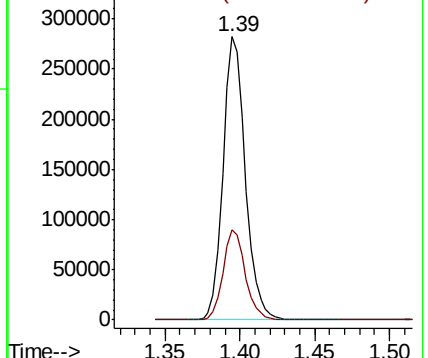
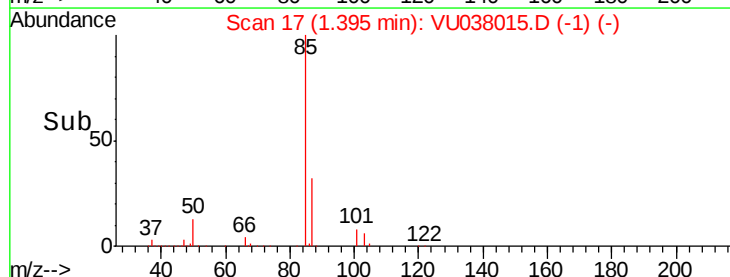
85 100

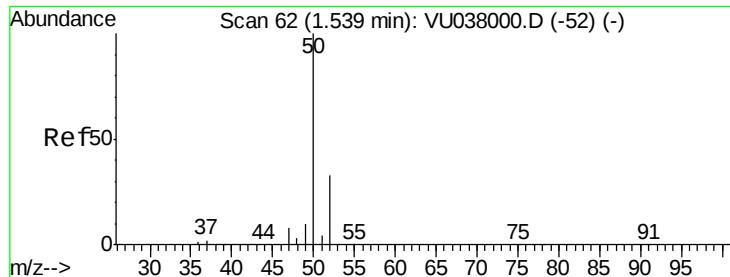
87 31.8 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.240 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

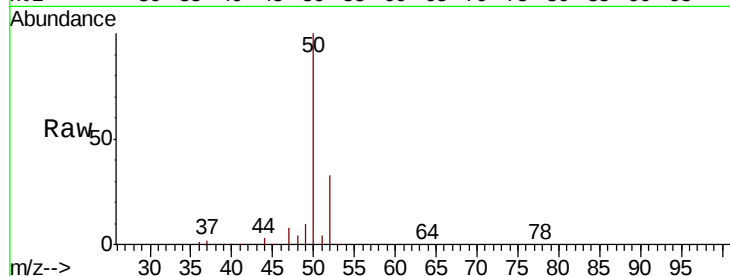
ClientSampleId :

Tot Ion: 50 Resp: 330728

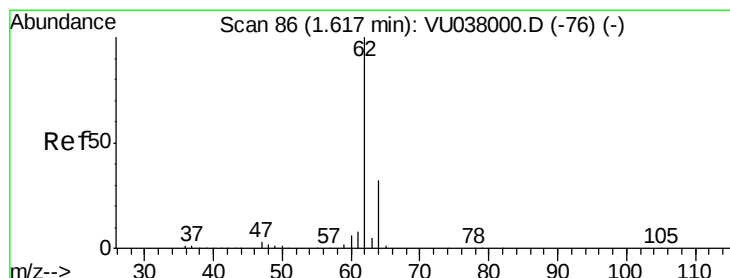
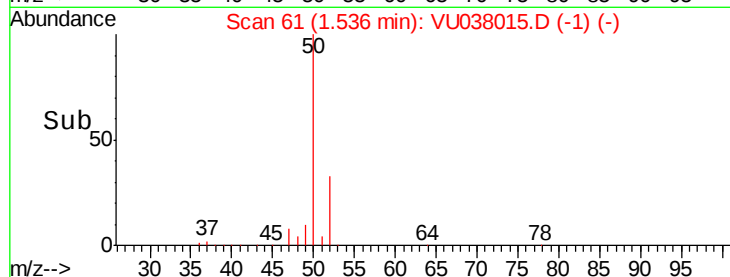
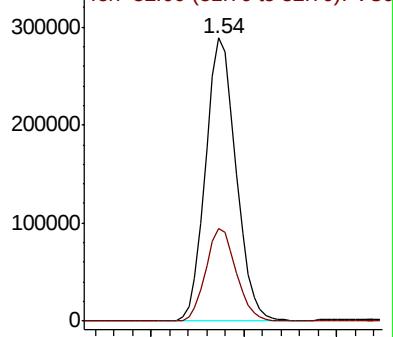
Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU038015.D (-1) (-)



#4

Vinyl Chloride

Concen: 9.637 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038015.D

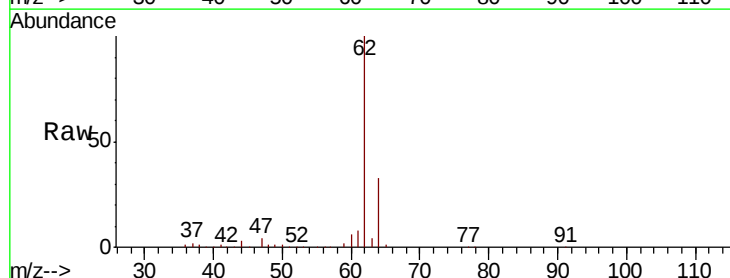
Acq: 05 May 2020 14:15

Tgt Ion: 62 Resp: 343541

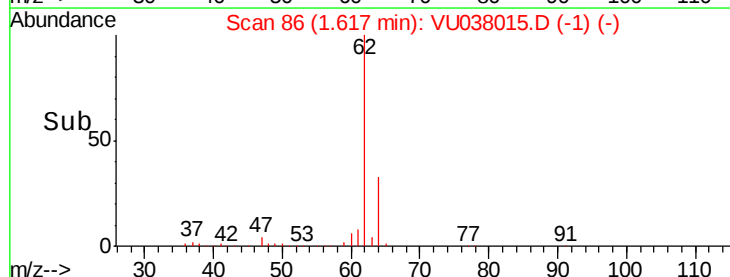
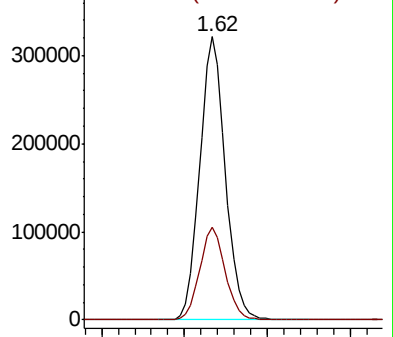
Ion Ratio Lower Upper

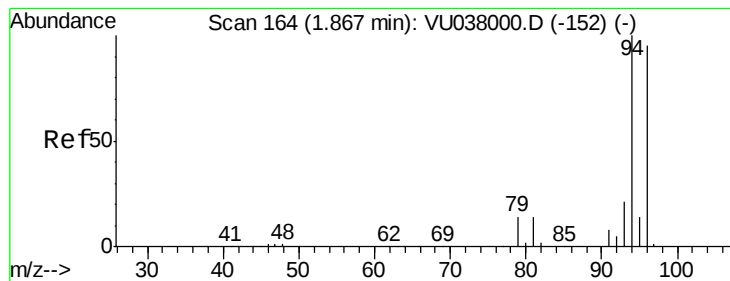
62 100

64 32.5 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038015.D (-1) (-)





#5

Bromomethane

Concen: 8.027 ug/l

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

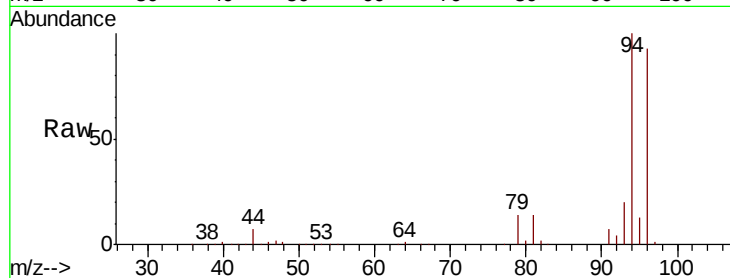
ClientSampleId :

Tot Ion: 94 Resp: 171703

Ion Ratio Lower Upper

94 100

96 92.6 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VU038015.D (-8) (-)

Ion 96.00 (95.70 to 96.70): VU038015.D (-8) (-)

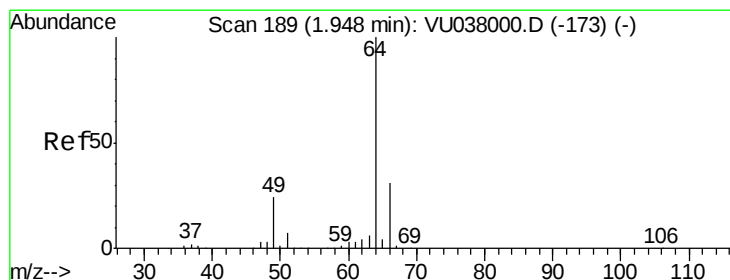
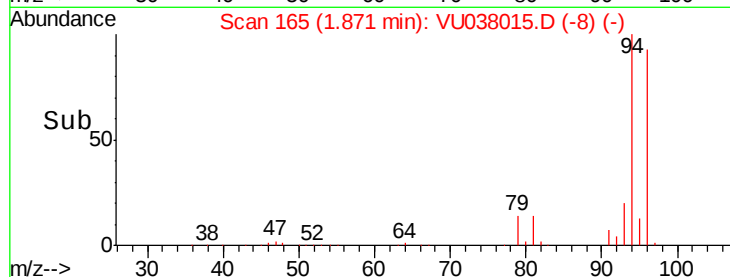
1.87

100000

50000

0

Time-->



#6

Chloroethane

Concen: 9.571 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038015.D

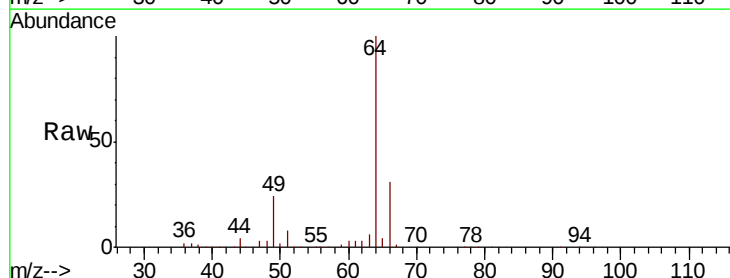
Acq: 05 May 2020 14:15

Tgt Ion: 64 Resp: 203825

Ion Ratio Lower Upper

64 100

66 31.5 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU038015.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VU038015.D (-33) (-)

1.95

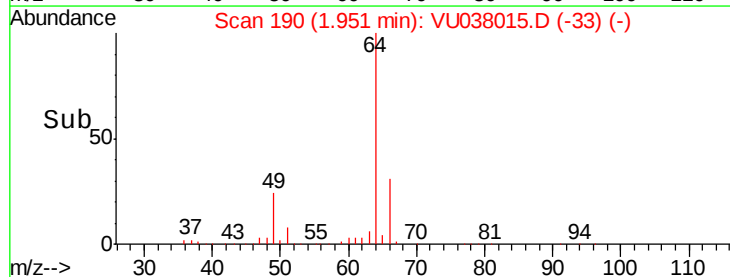
150000

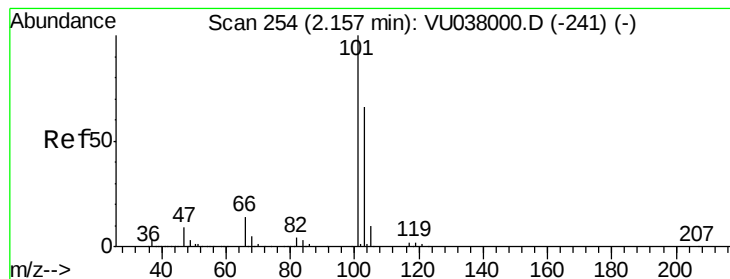
100000

50000

0

Time-->





#7

Trichlorofluoromethane

Concen: 9.754 ug/l

RT: 2.16 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

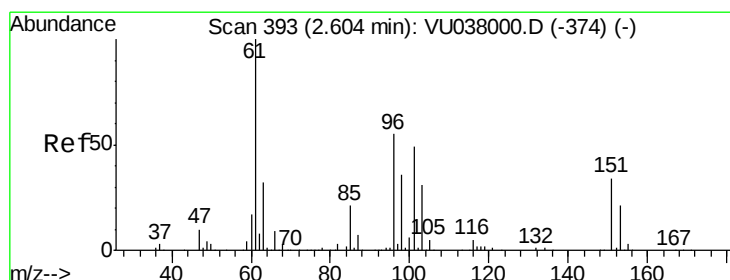
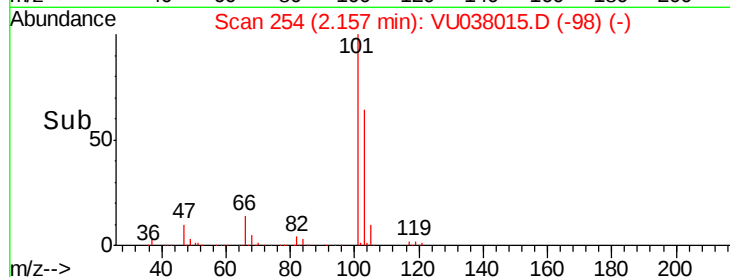
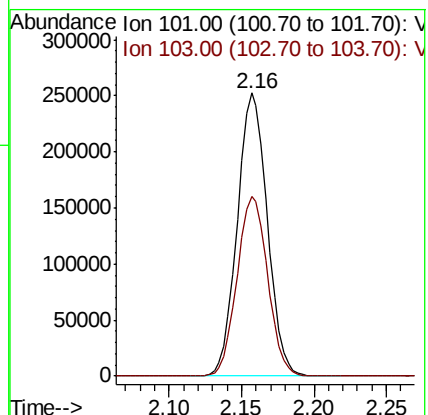
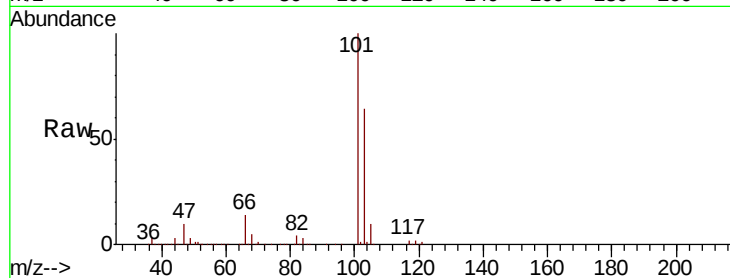
ClientSampled :

Tot Ion:101 Resp: 362466

Ion Ratio Lower Upper

101 100

103 63.6 52.6 78.8



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.761 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

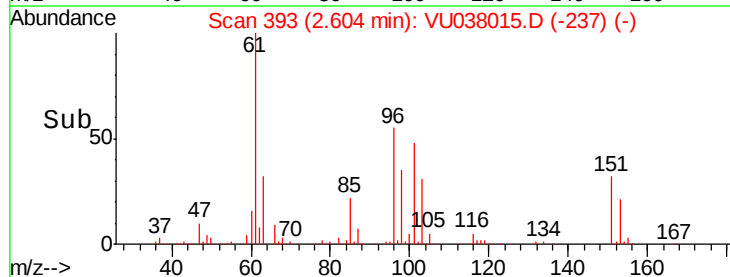
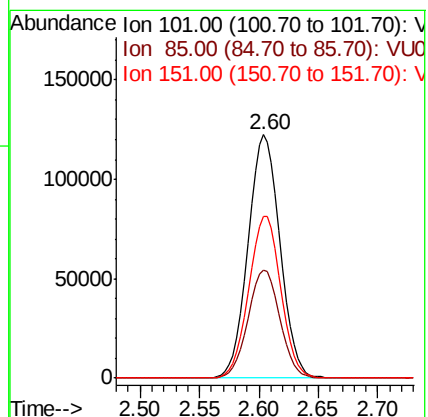
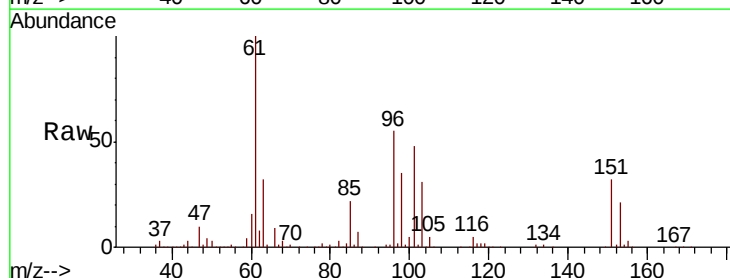
Tgt Ion:101 Resp: 226136

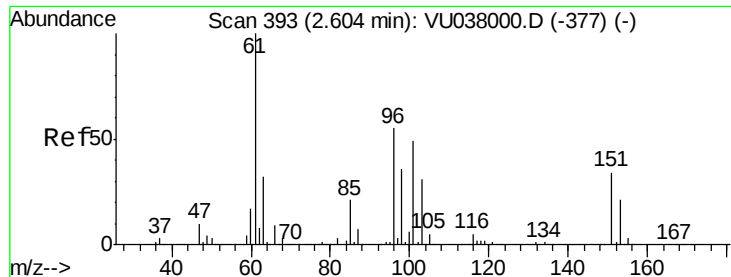
Ion Ratio Lower Upper

101 100

85 44.7 35.5 53.3

151 67.3 55.2 82.8





#9

1,1-Dichloroethene

Concen: 9.627 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

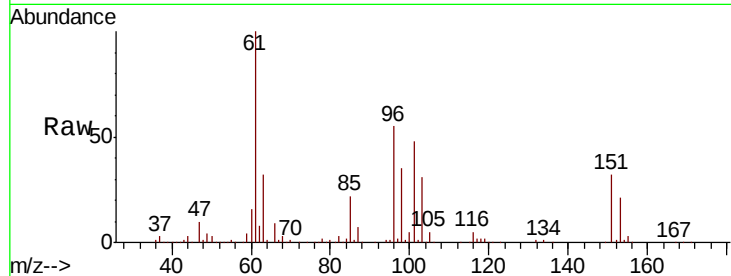
Tot Ion: 96 Resp: 223934

Ion Ratio Lower Upper

96 100

61 181.4 0.0 543.0

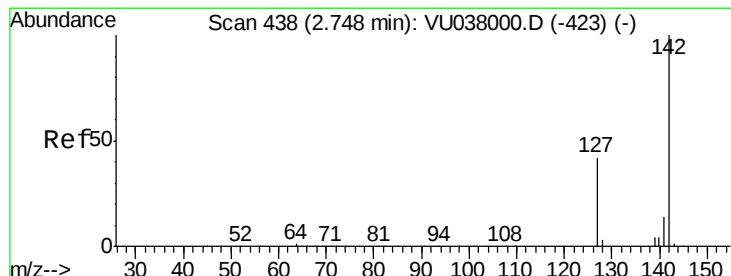
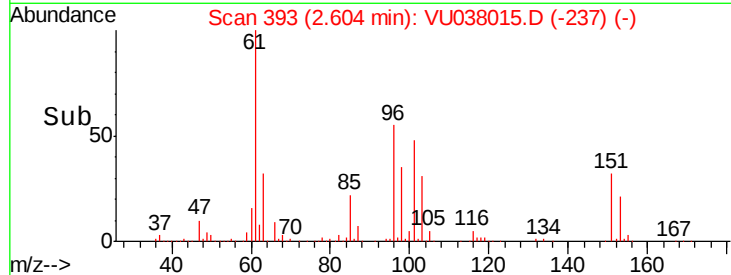
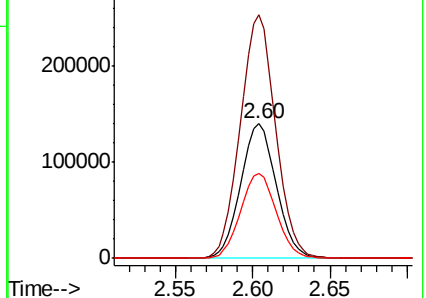
98 63.4 0.0 129.4



Abundance Ion 96.00 (95.70 to 96.70): VU038015.D (-237) (-)

Ion 61.00 (60.70 to 61.70): VU038015.D (-237) (-)

Ion 98.00 (97.70 to 98.70): VU038015.D (-237) (-)



#10

Iodomethane

Concen: 9.358 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU038015.D

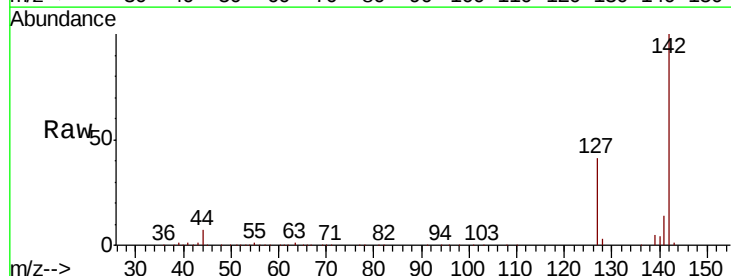
Acq: 05 May 2020 14:15

Tgt Ion: 142 Resp: 207288

Ion Ratio Lower Upper

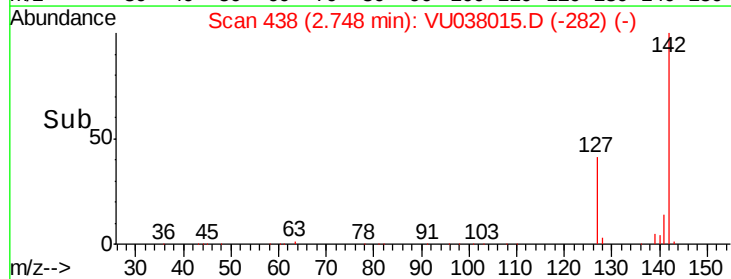
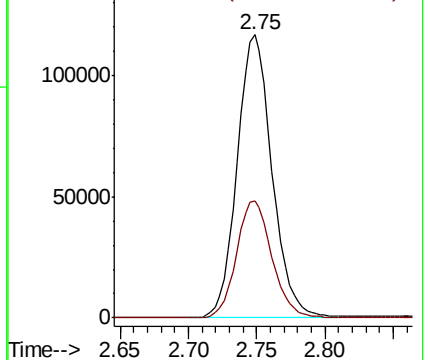
142 100

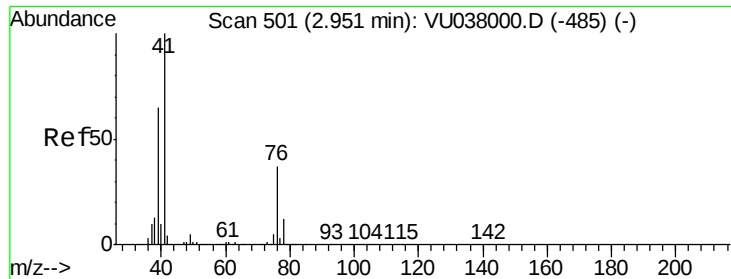
127 42.1 33.5 50.3



Abundance Ion 142.00 (141.70 to 142.70): VU038015.D (-282) (-)

Ion 127.00 (126.70 to 127.70): VU038015.D (-282) (-)

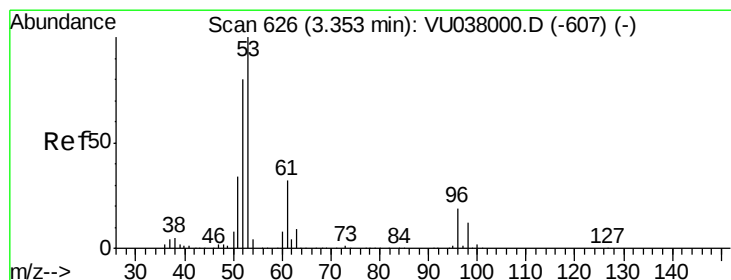
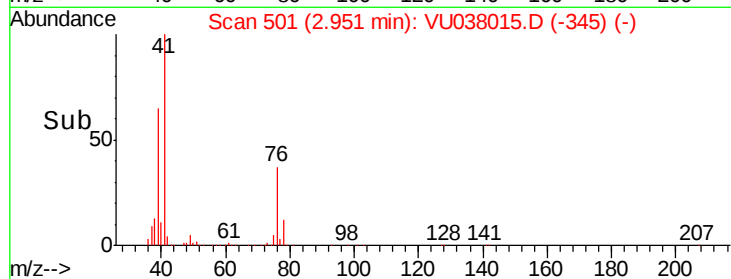
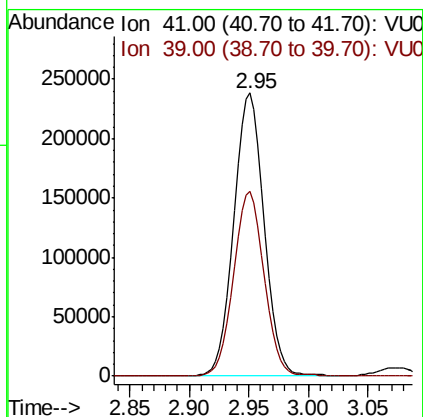
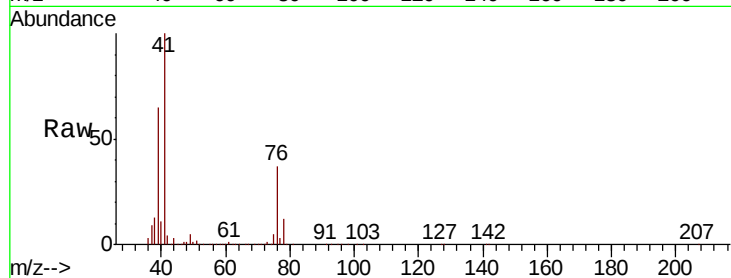




#11
Allvl Chloride
Concen: 9.691 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

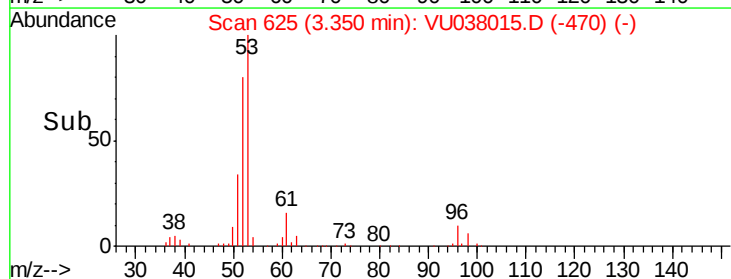
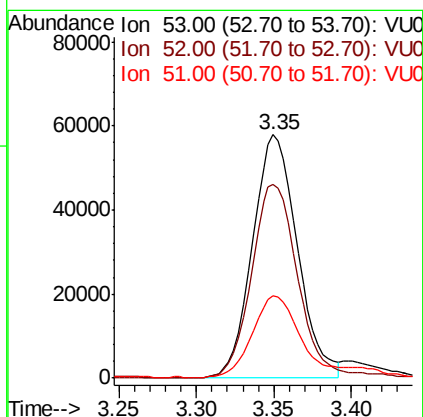
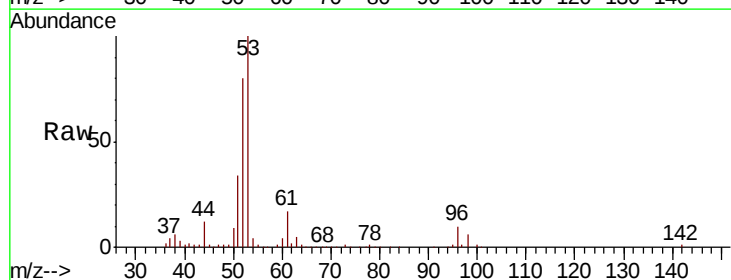
Instrument :
MSVOA_U
ClientSampled :

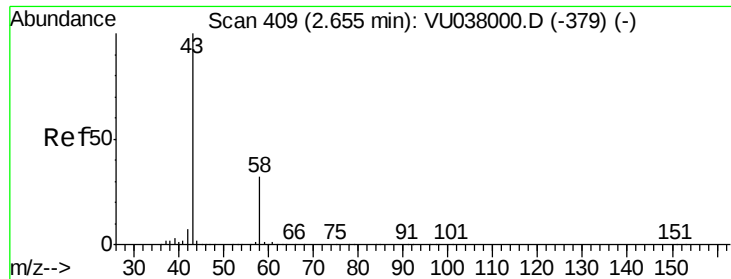
Tot Ion: 41 Resp: 418191
Ion Ratio Lower Upper
41 100
39 65.6 51.7 77.5



#12
Acrylonitrile
Concen: 18.417 ug/l
RT: 3.35 min Scan# 625
Delta R.T. -0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 53 Resp: 117108
Ion Ratio Lower Upper
53 100
52 81.9 63.3 94.9
51 36.0 30.2 45.2





#13

Acetone

Concen: 49.021 ug/l

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

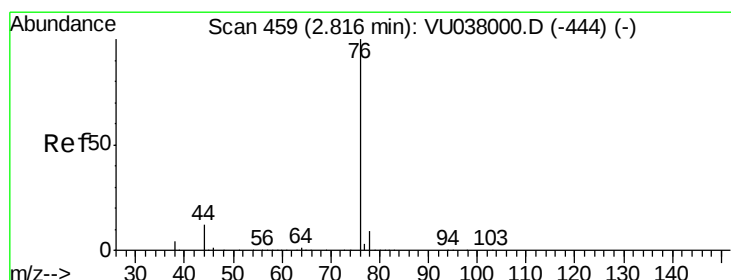
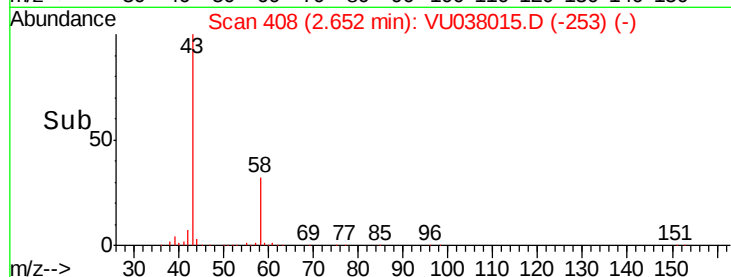
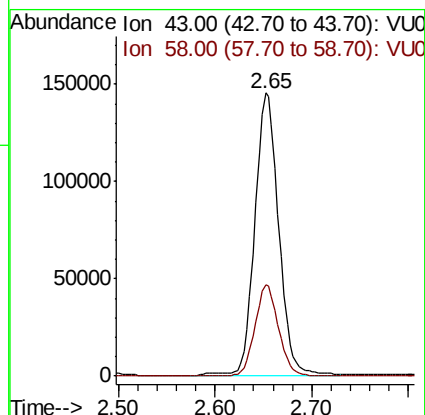
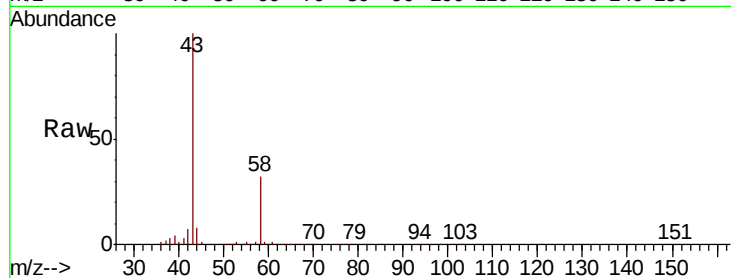
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 249332

Ion Ratio Lower Upper

43 100

58 32.2 25.2 37.8



#14

Carbon Disulfide

Concen: 9.411 ug/l

RT: 2.82 min Scan# 459

Delta R.T. 0.00 min

Lab File: VU038015.D

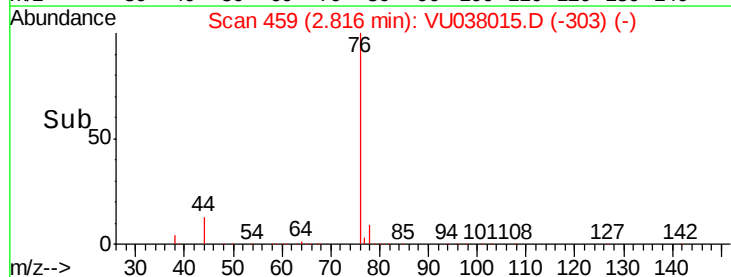
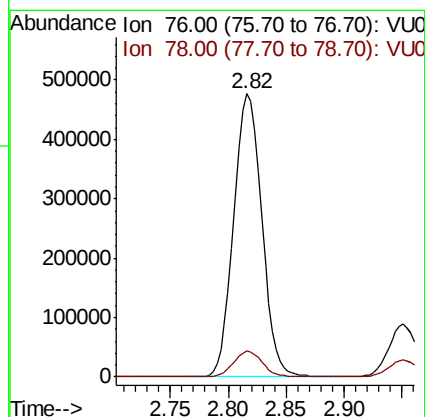
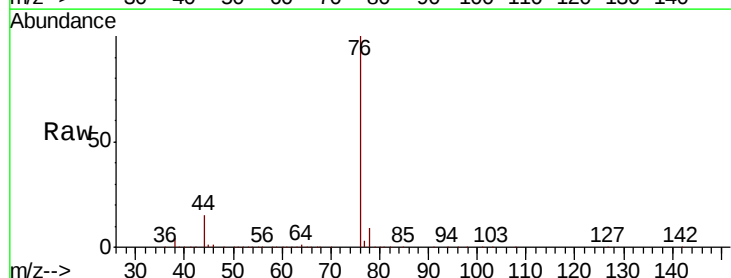
Acq: 05 May 2020 14:15

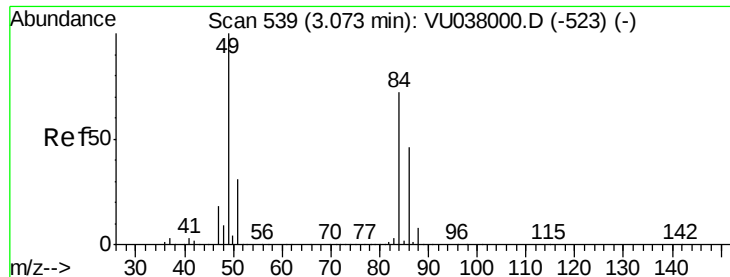
Tgt Ion: 76 Resp: 799309

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

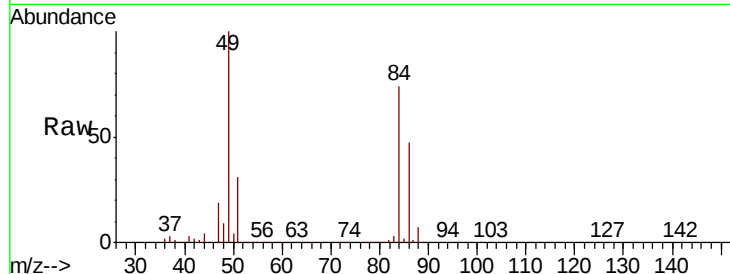




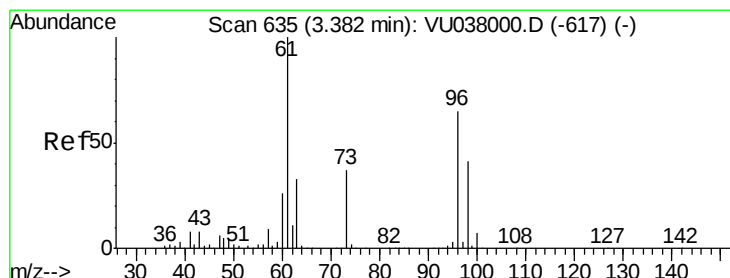
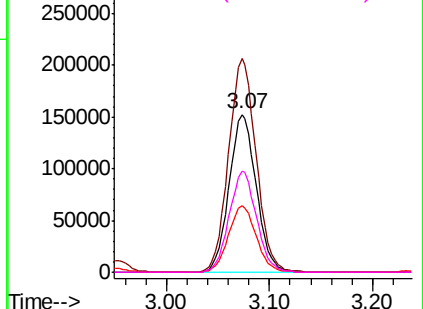
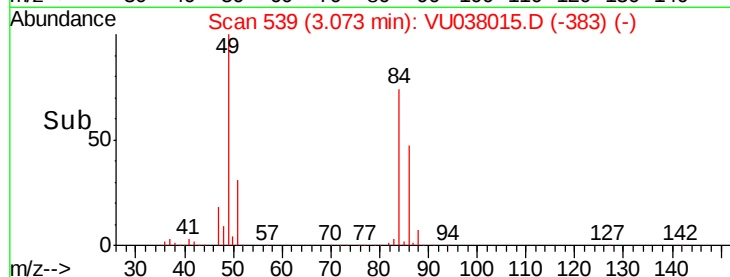
#15
Methvlene Chloride
Concen: 10.301 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 279414
Ion Ratio Lower Upper
84 100
49 135.5 110.6 166.0
51 41.9 0.0 85.4
86 64.1 50.9 76.3

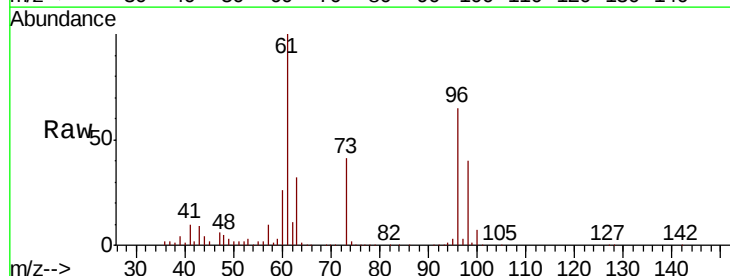


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

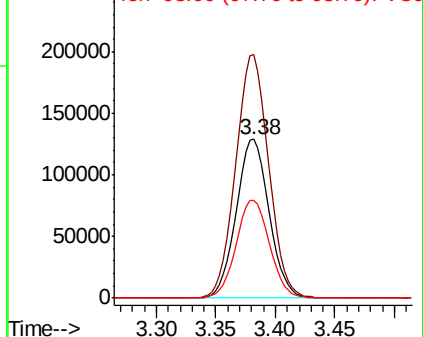
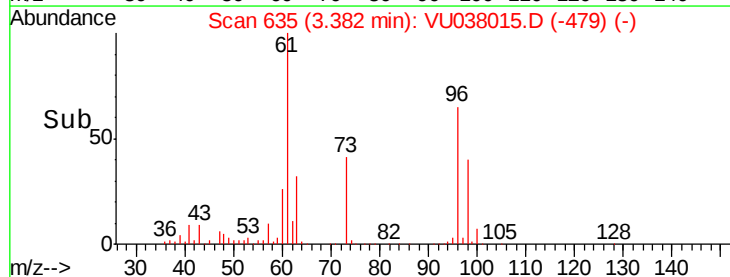


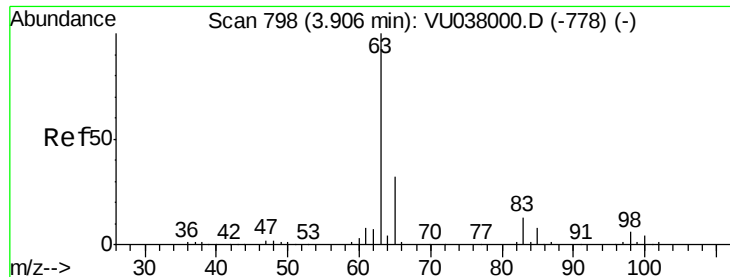
#16
trans-1,2-Dichloroethene
Concen: 9.682 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 96 Resp: 246436
Ion Ratio Lower Upper
96 100
61 153.5 122.4 183.6
98 61.9 50.1 75.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

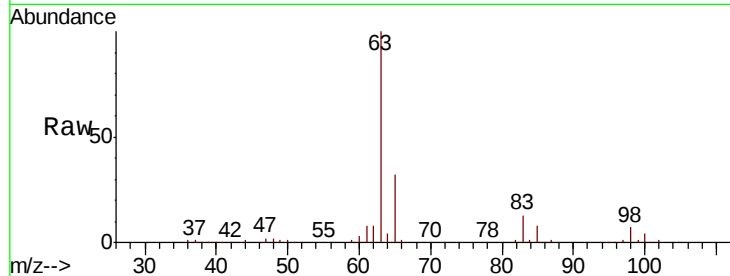




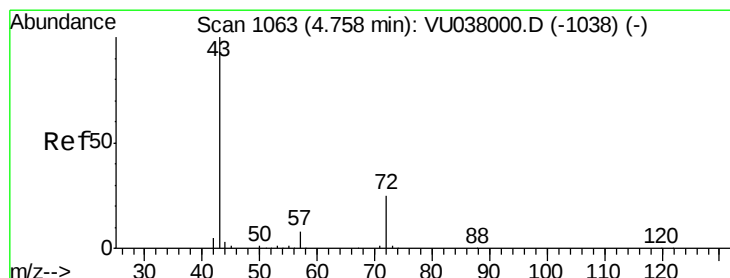
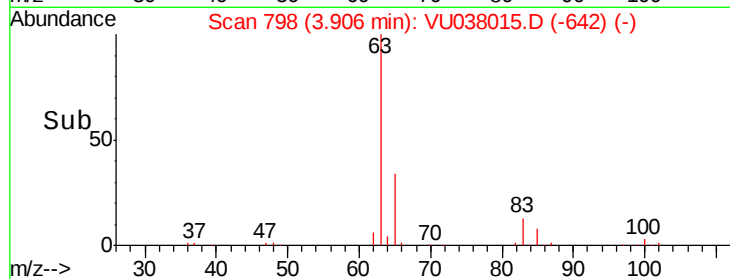
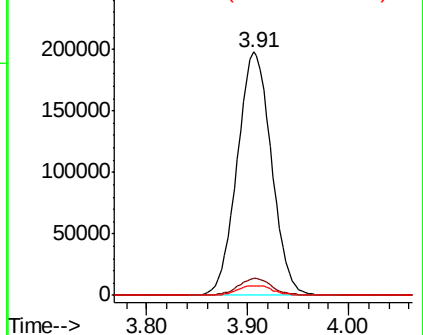
#17
 1,1-Dichloroethane
 Concen: 9.633 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 465042
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 3.9 2.2 6.6

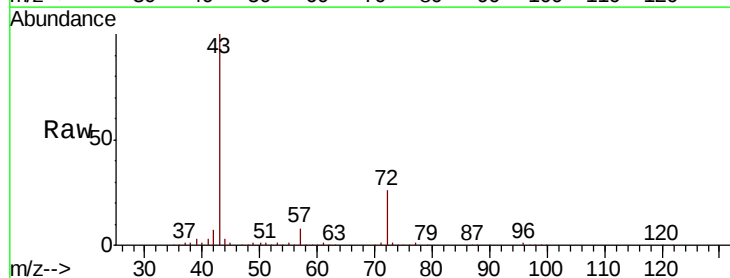


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

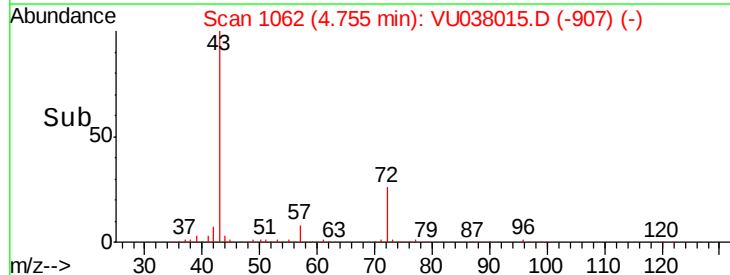
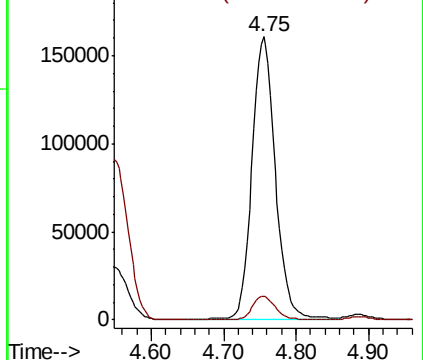


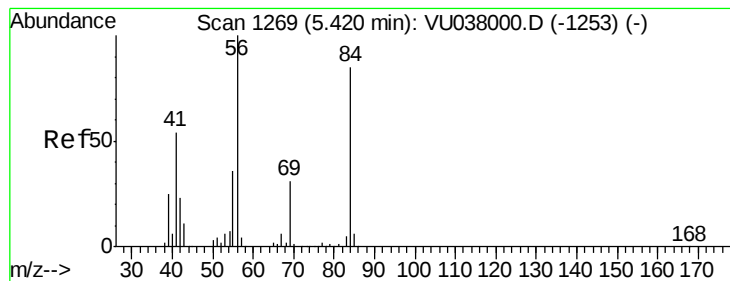
#18
 2-Butanone
 Concen: 47.164 ug/l
 RT: 4.75 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion: 43 Resp: 359692
 Ion Ratio Lower Upper
 43 100
 57 8.2 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: 8.741 ug/l

RT: 5.42 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

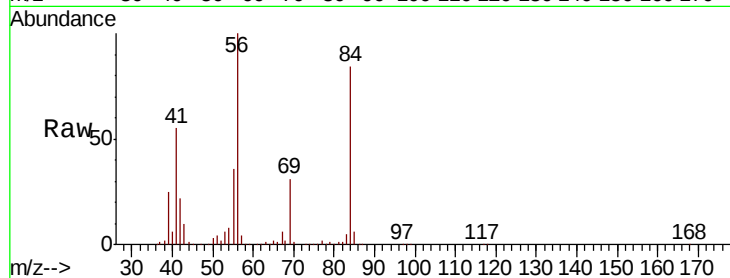
Tot Ion: 56 Resp: 409190

Ion Ratio Lower Upper

56 100

69 33.4 24.3 36.5

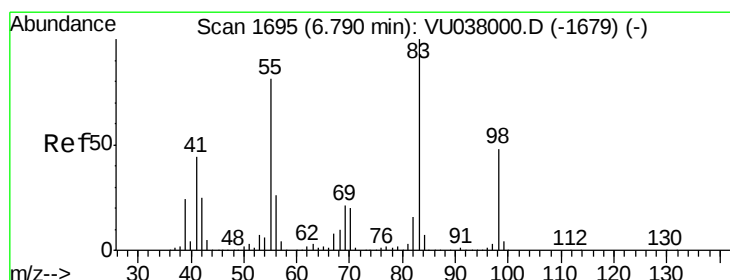
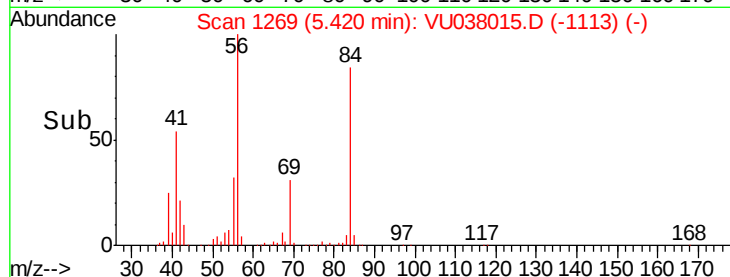
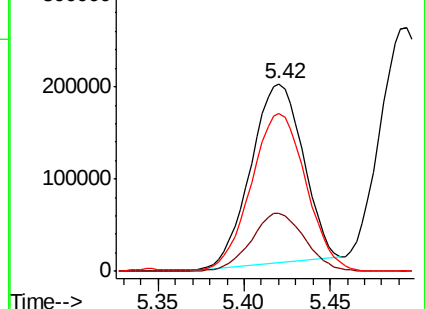
84 91.6 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VU038015.D (-1113) (-)

Ion 69.00 (68.70 to 69.70): VU038015.D (-1113) (-)

Ion 84.00 (83.70 to 84.70): VU038015.D (-1113) (-)



#20

Methylcyclohexane

Concen: 10.004 ug/l

RT: 6.79 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

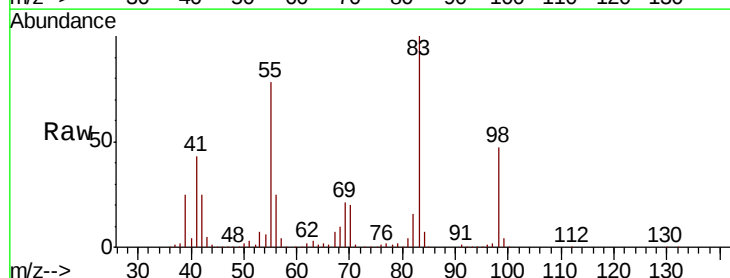
Tgt Ion: 83 Resp: 459056

Ion Ratio Lower Upper

83 100

55 77.1 61.5 92.3

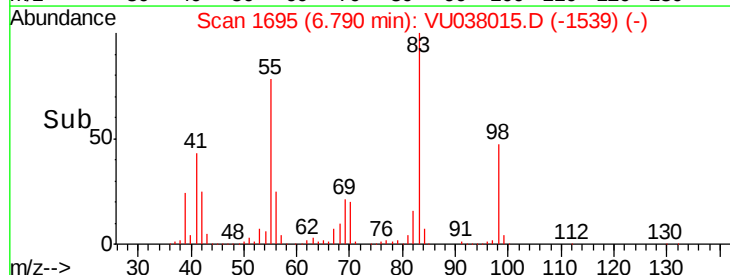
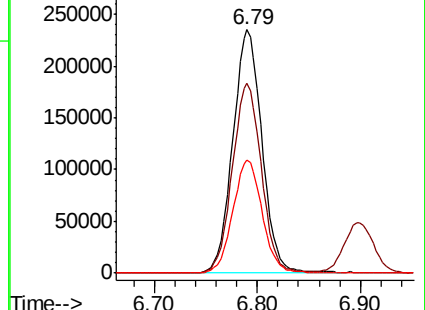
98 46.6 37.3 55.9

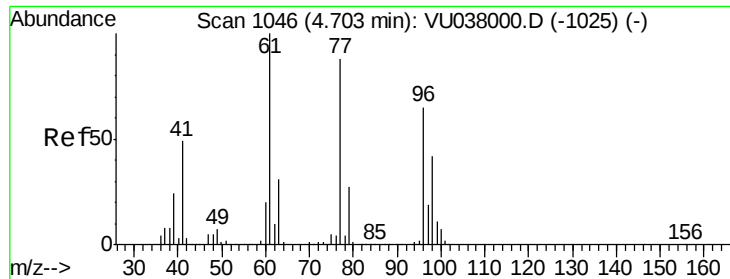


Abundance Ion 83.00 (82.70 to 83.70): VU038015.D (-1539) (-)

Ion 55.00 (54.70 to 55.70): VU038015.D (-1539) (-)

Ion 98.00 (97.70 to 98.70): VU038015.D (-1539) (-)





#21

2,2-Dichloropropane

Concen: 9.754 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

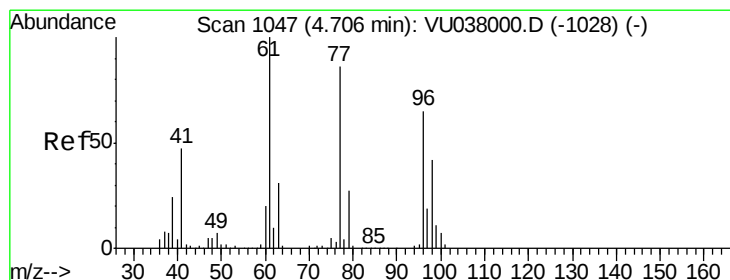
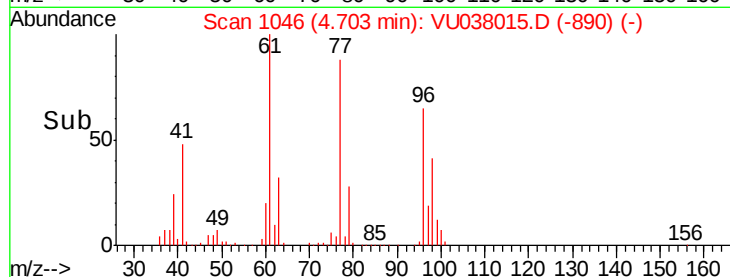
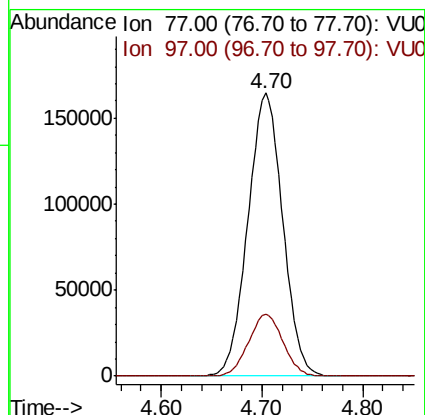
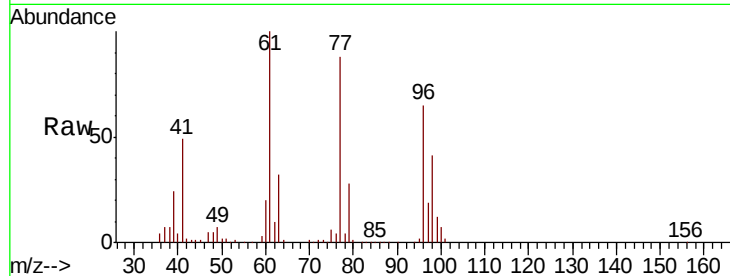
ClientSampleId :

Tot Ion: 77 Resp: 393560

Ion Ratio Lower Upper

77 100

97 21.6 17.4 26.2



#22

cis-1,2-Dichloroethene

Concen: 9.964 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

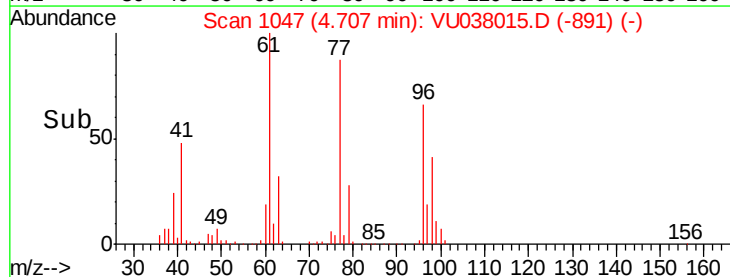
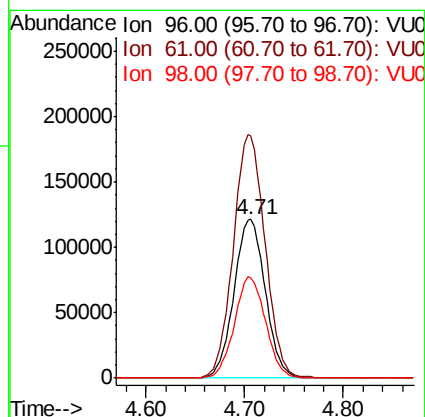
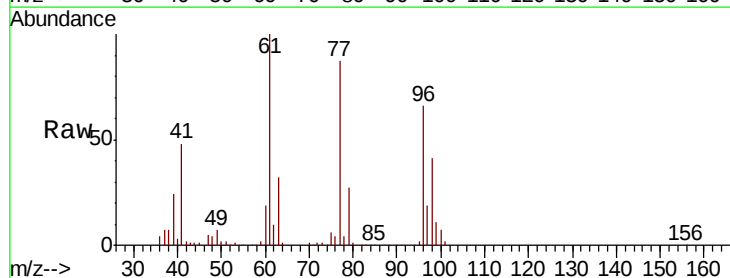
Tgt Ion: 96 Resp: 268117

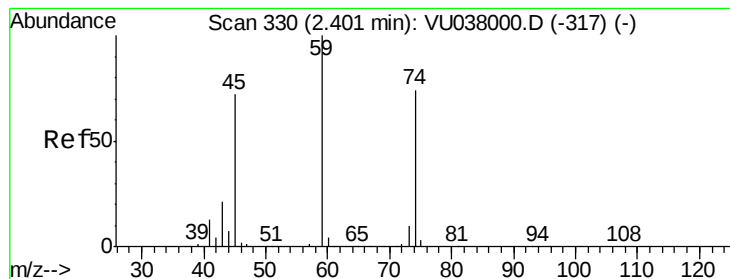
Ion Ratio Lower Upper

96 100

61 155.7 0.0 389.3

98 63.3 32.1 96.3





#23

Diethyl Ether

Concen: 9.904 ug/l

RT: 2.40 min Scan# 330

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

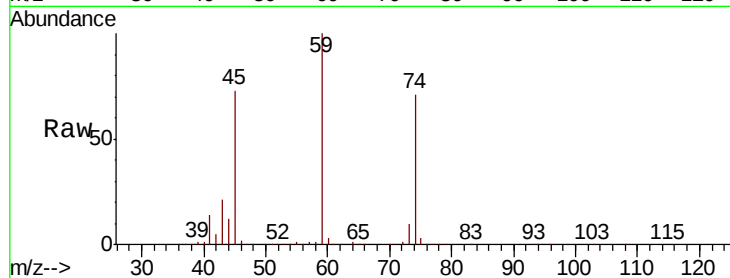
Tot Ion: 59 Resp: 202039

Ion Ratio Lower Upper

59 100

45 72.7 59.8 89.6

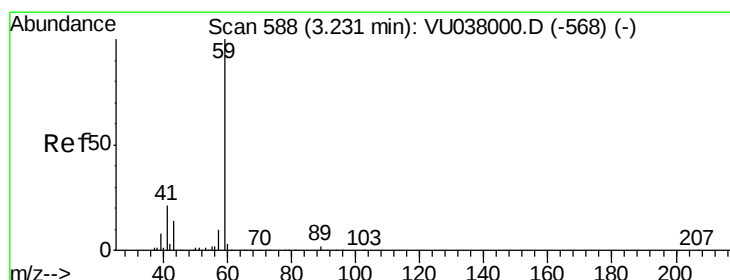
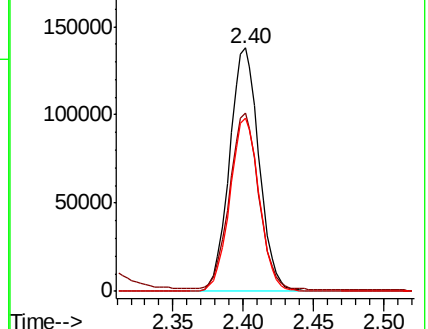
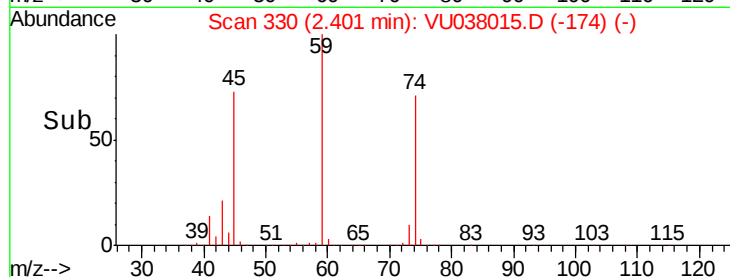
74 70.9 58.2 87.4



Abundance Ion 59.00 (58.70 to 59.70): VU038015.D (-174) (-)

Ion 45.00 (44.70 to 45.70): VU038015.D (-174) (-)

Ion 74.00 (73.70 to 74.70): VU038015.D (-174) (-)



#24

tert-Butyl Alcohol

Concen: 79.226 ug/l

RT: 3.23 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU038015.D

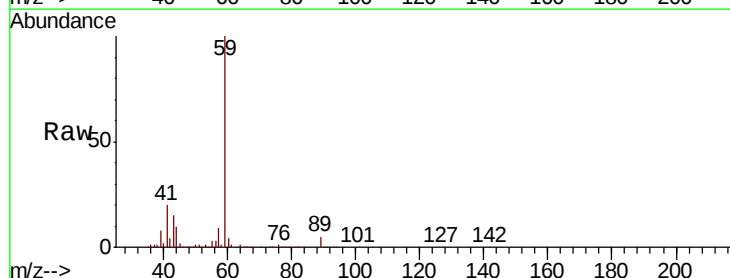
Acq: 05 May 2020 14:15

Tgt Ion: 59 Resp: 179360

Ion Ratio Lower Upper

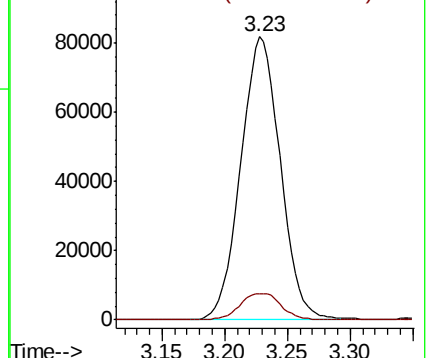
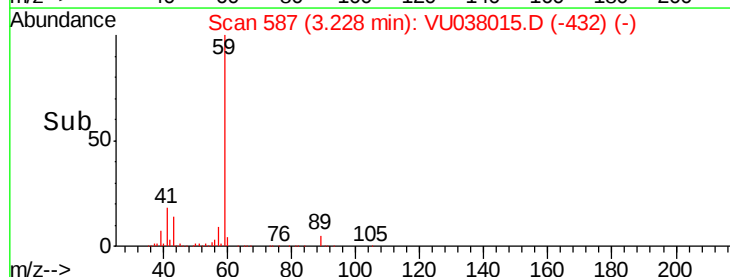
59 100

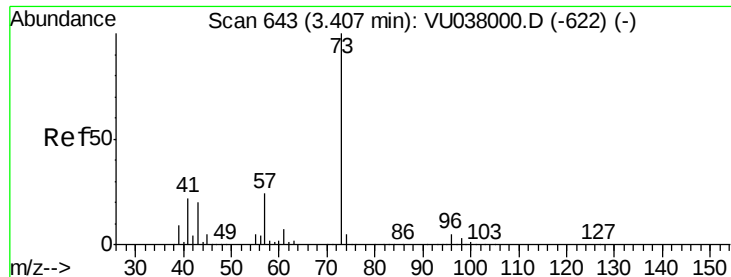
57 9.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VU038015.D (-432) (-)

Ion 57.00 (56.70 to 57.70): VU038015.D (-432) (-)

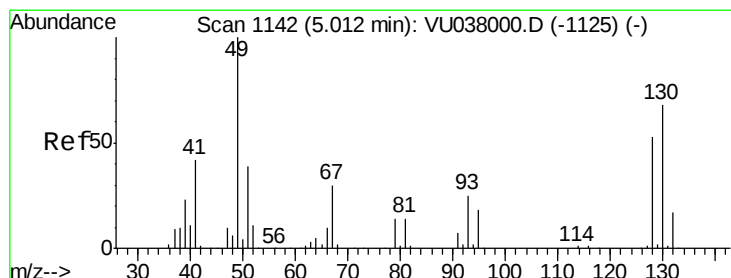
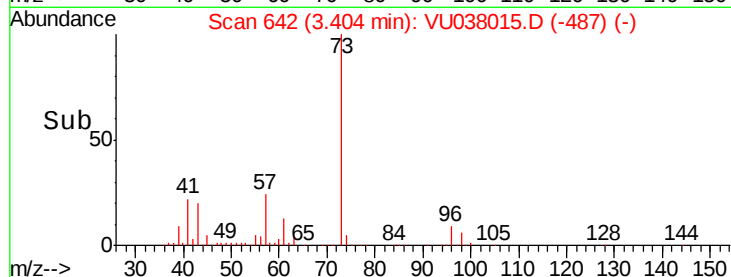
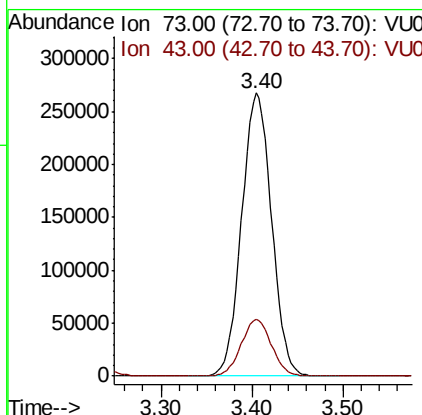
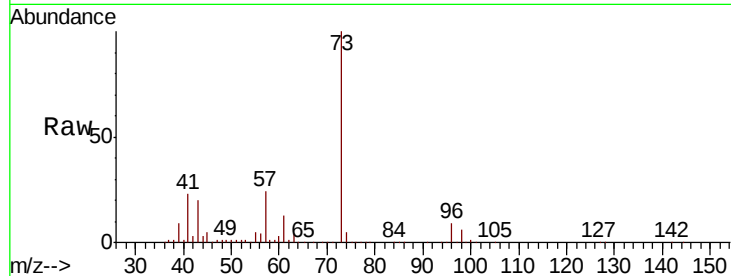




#25
Methvl tert-Butvl Ether
Concen: 9.567 ug/l
RT: 3.40 min Scan# 642
Delta R.T. -0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

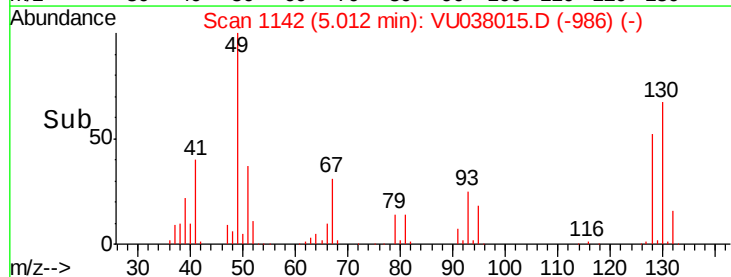
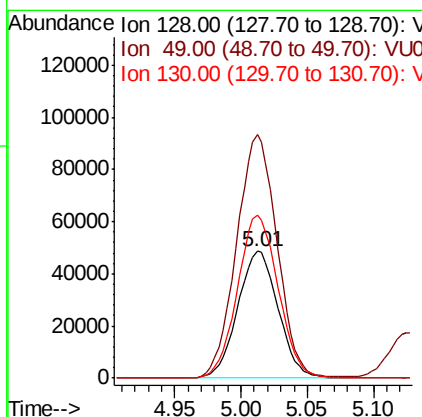
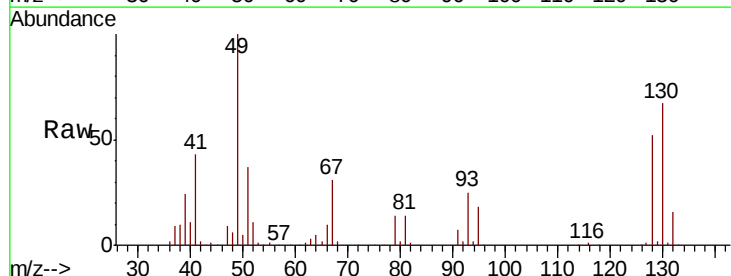
Instrument :
MSVOA_U
ClientSampleId :

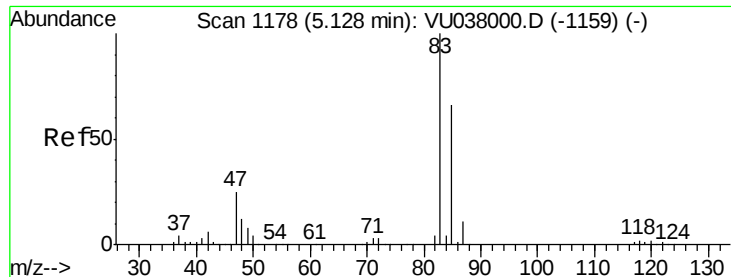
Tot Ion: 73 Resp: 609751
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2



#26
Bromochloromethane
Concen: 9.530 ug/l
RT: 5.01 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 128 Resp: 103208
Ion Ratio Lower Upper
128 100
49 192.1 0.0 376.0
130 129.6 102.6 153.8

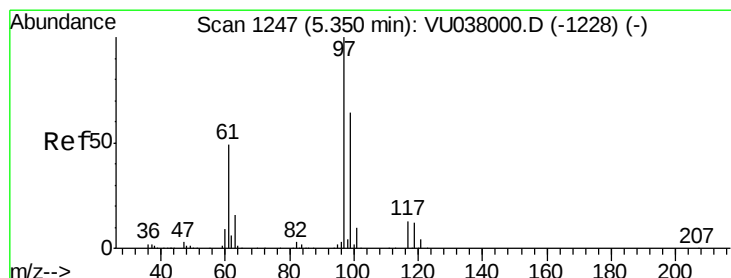
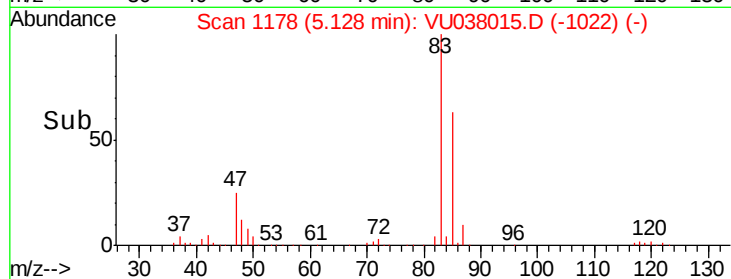
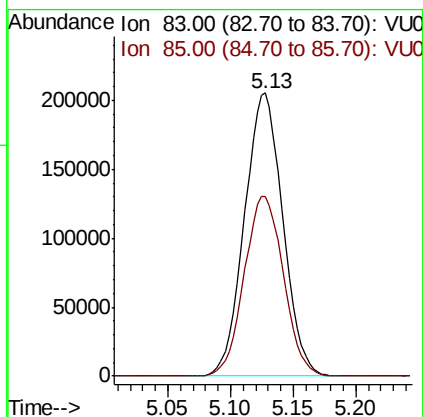
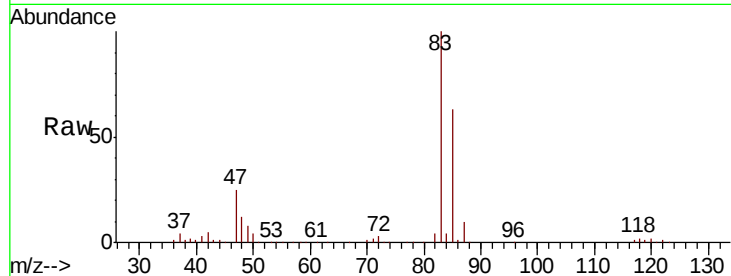




#27
Chloroform
Concen: 9.656 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

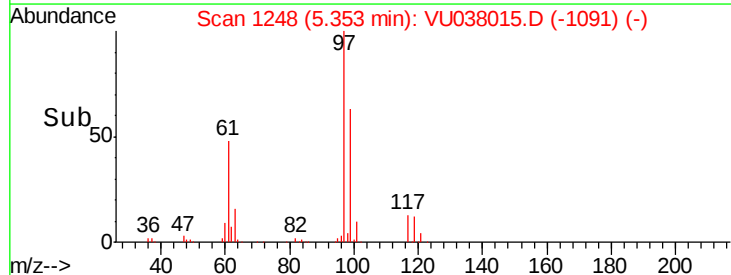
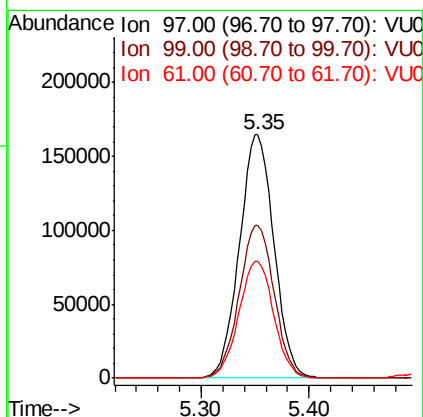
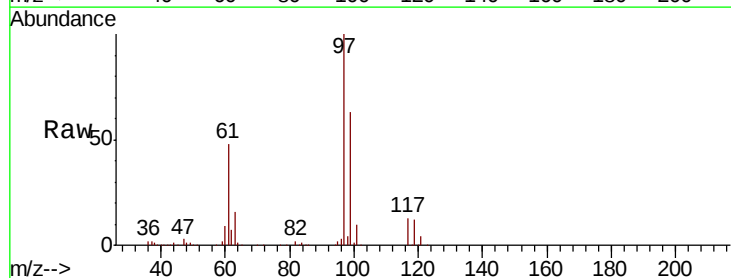
Instrument :
MSVOA_U
ClientSampleId :

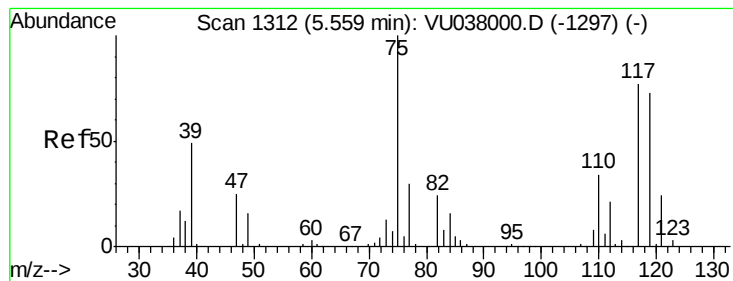
Tot Ion: 83 Resp: 437174
Ion Ratio Lower Upper
83 100
85 63.3 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 9.828 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 97 Resp: 366671
Ion Ratio Lower Upper
97 100
99 63.8 31.9 95.9
61 48.4 24.1 72.4





#29

1,1-Dichloropropene

Concen: 9.684 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampled :

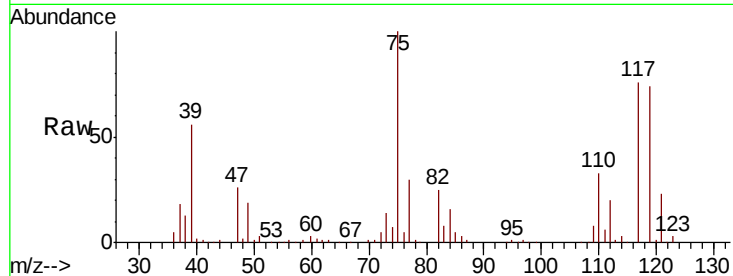
Tot Ion: 75 Resp: 363645

Ion Ratio Lower Upper

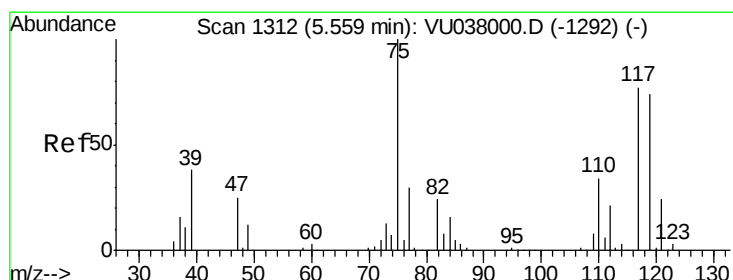
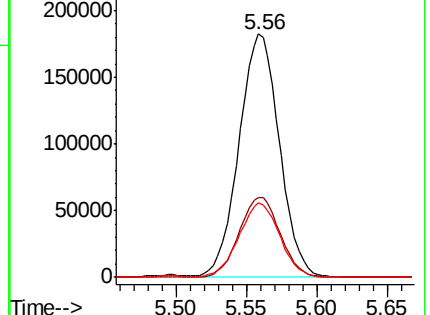
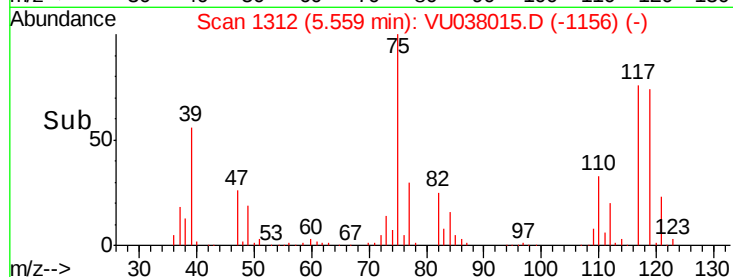
75 100

110 33.7 16.7 50.1

77 30.8 24.5 36.7



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



#30

Carbon Tetrachloride

Concen: 9.612 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

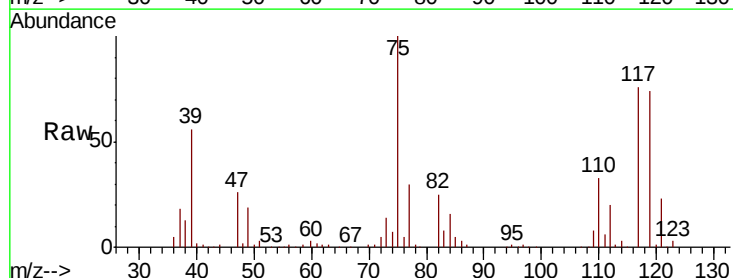
Tgt Ion: 117 Resp: 300058

Ion Ratio Lower Upper

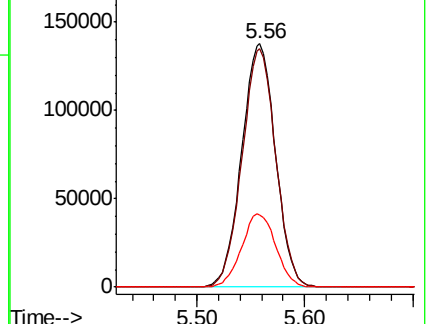
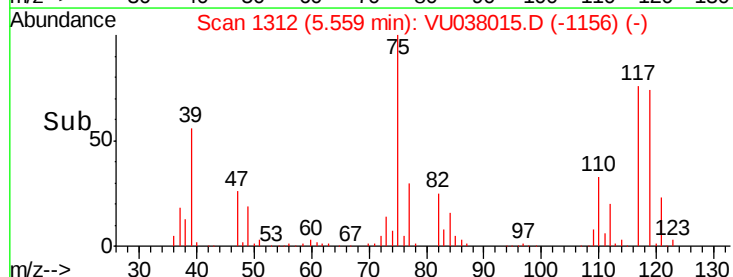
117 100

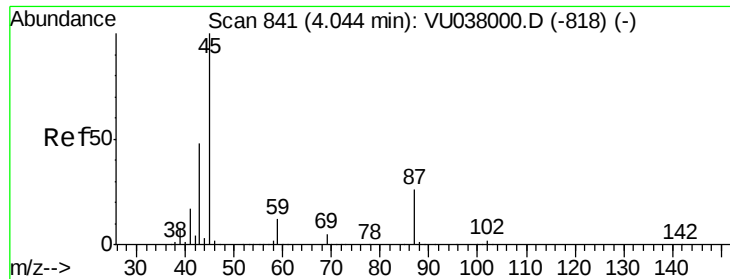
119 98.1 76.3 114.5

121 29.8 24.7 37.1



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 9.674 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

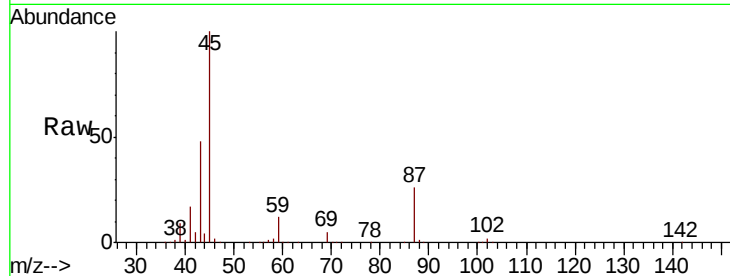
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 45 Resp: 768546

Ion Ratio Lower Upper

45 100

43 48.4 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU038015.D (-843) (-)

Ion 43.00 (42.70 to 43.70): VU038015.D (-843) (-)

4.04

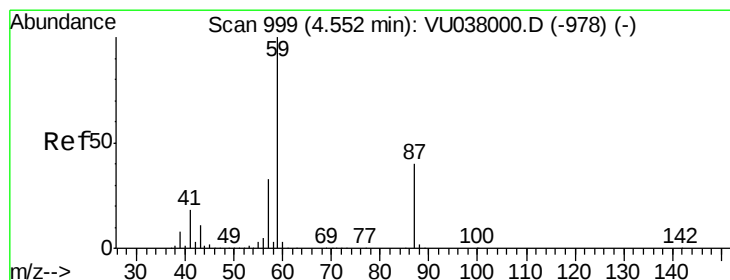
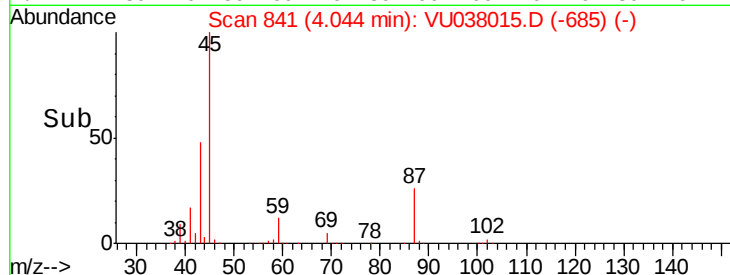
300000

200000

100000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.476 ug/l

RT: 4.55 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU038015.D

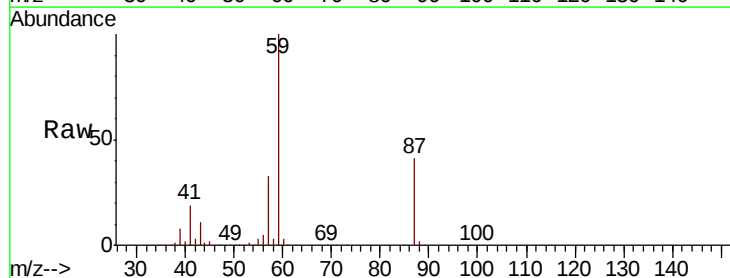
Acq: 05 May 2020 14:15

Tgt Ion: 59 Resp: 679776

Ion Ratio Lower Upper

59 100

87 40.8 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038015.D (-843) (-)

Ion 87.00 (86.70 to 87.70): VU038015.D (-843) (-)

4.55

300000

250000

200000

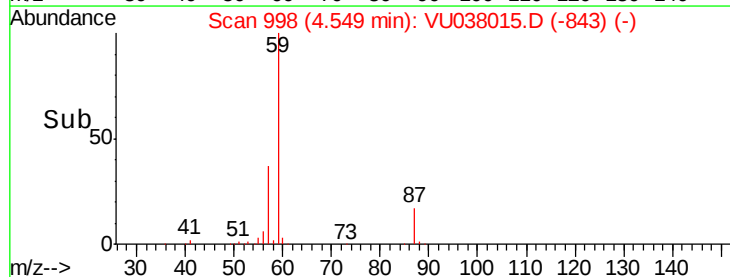
150000

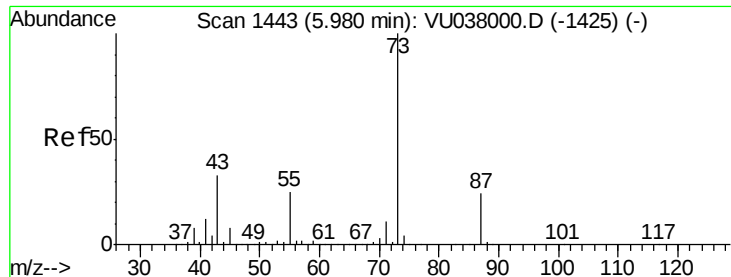
100000

50000

0

Time-->

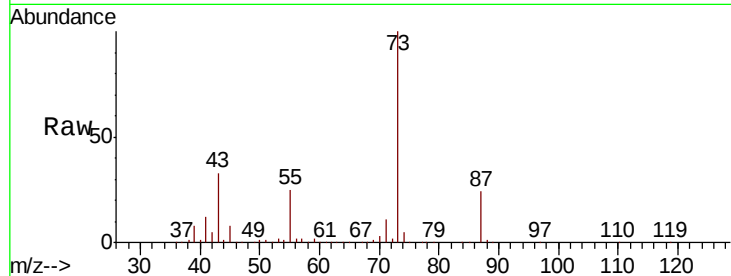




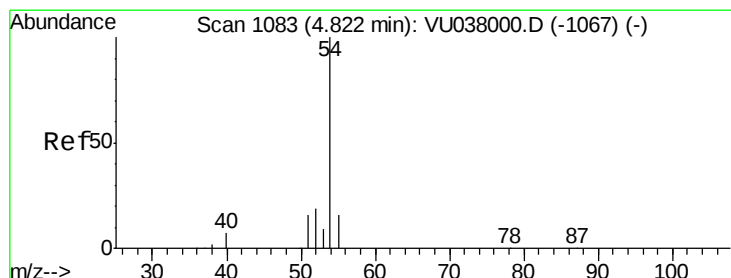
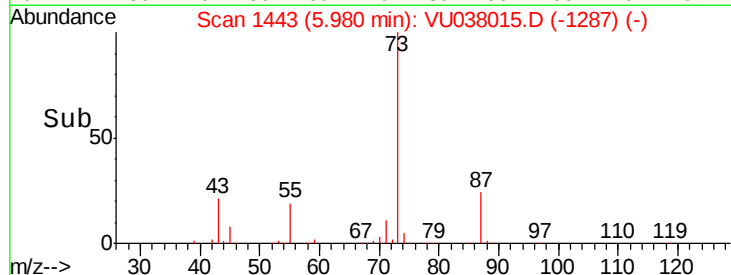
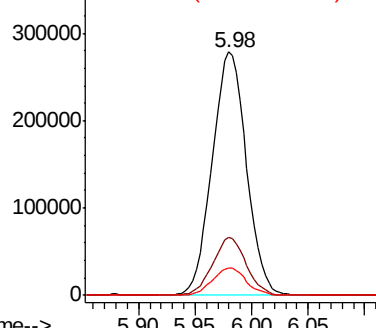
#33
Tert-Butyl methyl ether
Concen: 9.464 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 585121
Ion Ratio Lower Upper
73 100
87 23.4 18.9 28.3
71 11.2 9.1 13.7

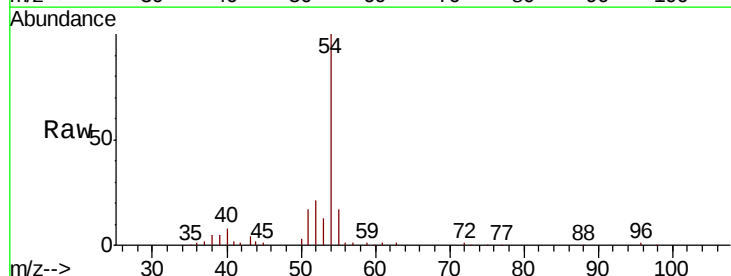


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

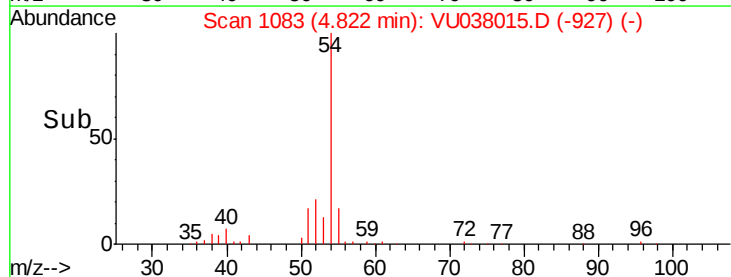
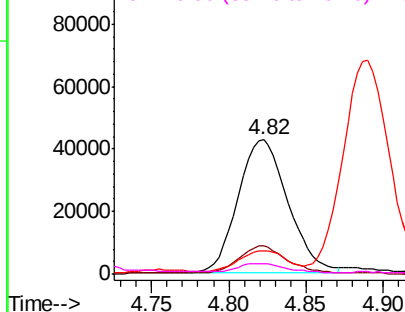


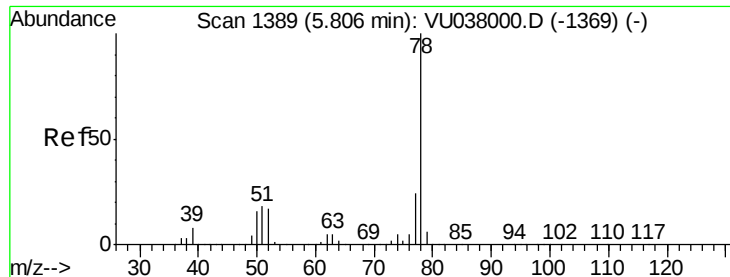
#34
Propionitrile
Concen: 43.752 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 54 Resp: 95529
Ion Ratio Lower Upper
54 100
52 20.1 15.8 23.8
55 16.9 13.2 19.8
40 7.4 5.2 7.8



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





#35

Benzene

Concen: 9.748 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

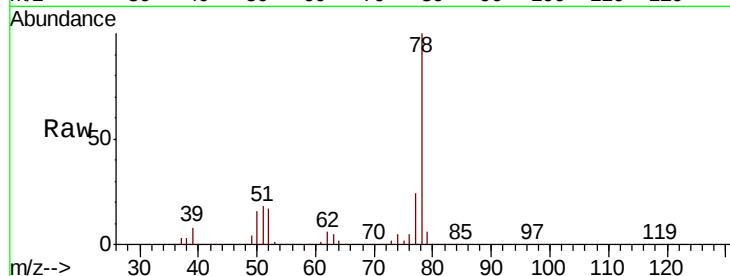
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 1024334

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU038015.D (-1233) (-)

Ion 77.00 (76.70 to 77.70): VU038015.D (-1233) (-)

5.81

500000

400000

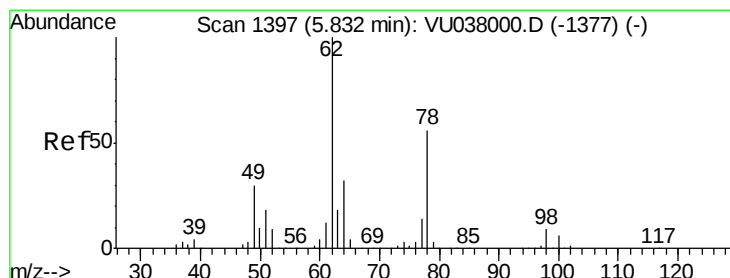
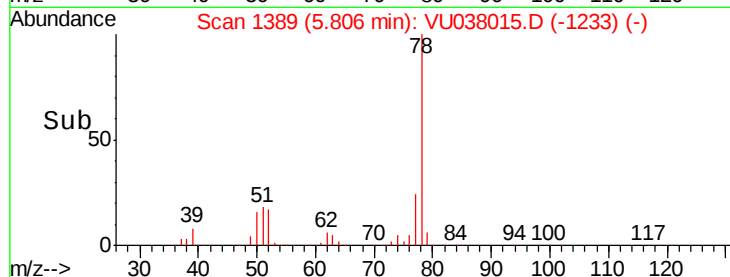
300000

200000

100000

0

Time--> 5.70 5.75 5.80 5.85 5.90



#36

1,2-Dichloroethane

Concen: 9.653 ug/l

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038015.D

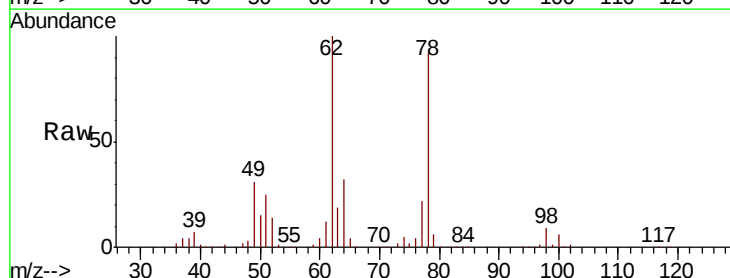
Acq: 05 May 2020 14:15

Tgt Ion: 62 Resp: 300083

Ion Ratio Lower Upper

62 100

98 8.9 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038015.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VU038015.D (-1241) (-)

5.83

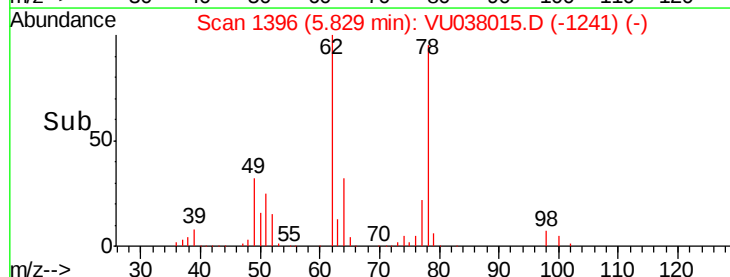
150000

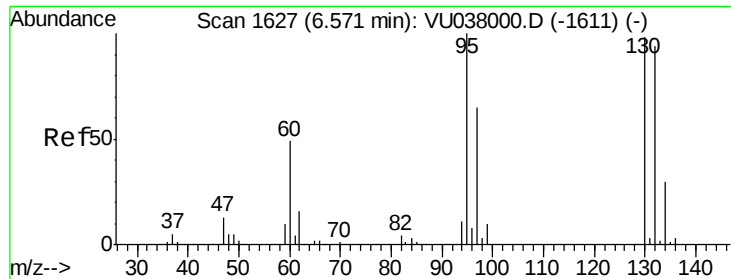
100000

50000

0

Time--> 5.70 5.80 5.90

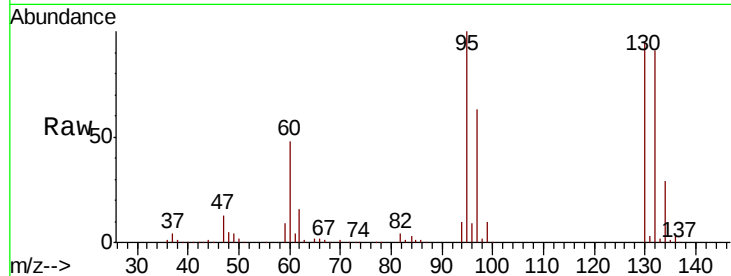




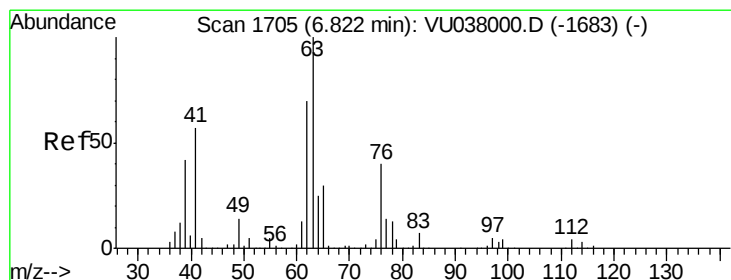
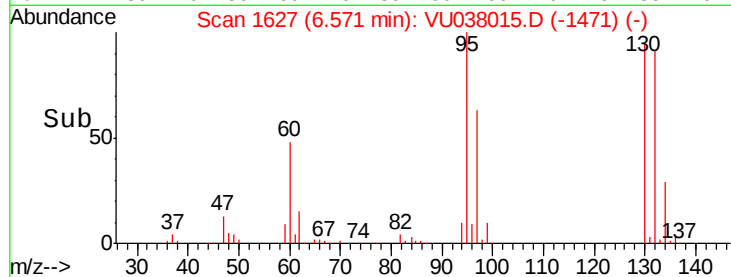
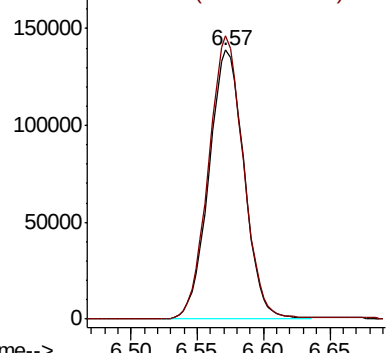
#37
 Trichloroethene
 Concen: 9.313 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:130 Resp: 256933
 Ion Ratio Lower Upper
 130 100
 95 105.3 81.6 122.4

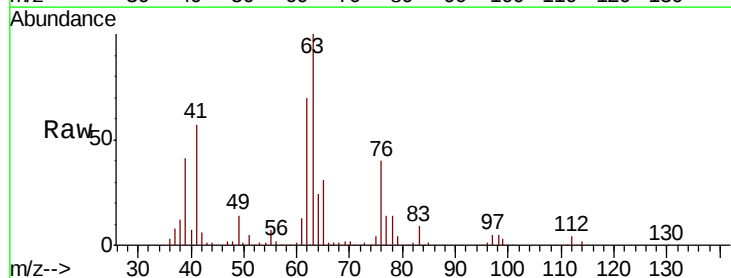


Abundance Ion 129.90 (129.60 to 130.60): VU038015.D (-1471) (-)
 Ion 94.90 (94.60 to 95.60): VU038015.D (-1471) (-)

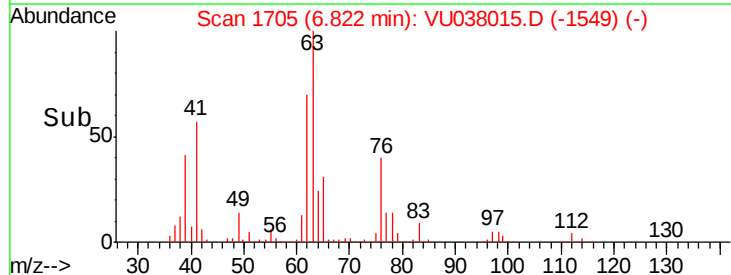
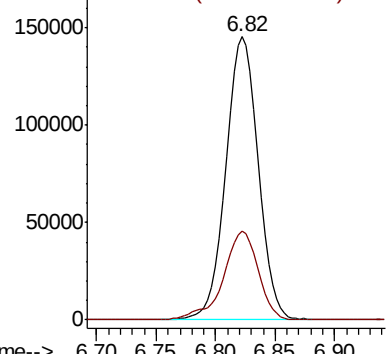


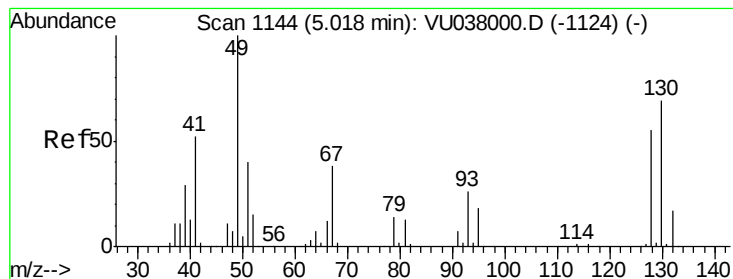
#38
 1,2-Dichloropropane
 Concen: 9.700 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion: 63 Resp: 274270
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038015.D (-1549) (-)
 Ion 65.00 (64.70 to 65.70): VU038015.D (-1549) (-)





#39

Methacrylonitrile

Concen: 9.122 ug/l

RT: 5.02 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 93296

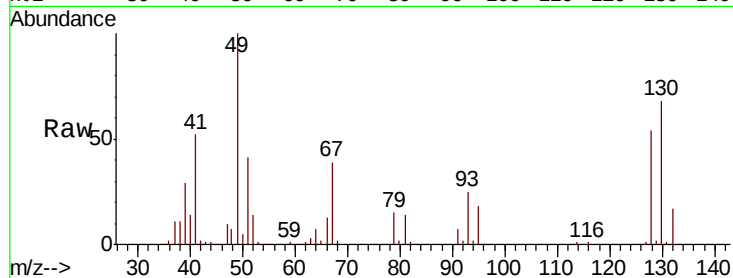
Ion Ratio Lower Upper

41 100

67 72.6 58.0 87.0

39 54.8 43.2 64.8

52 29.2 22.9 34.3

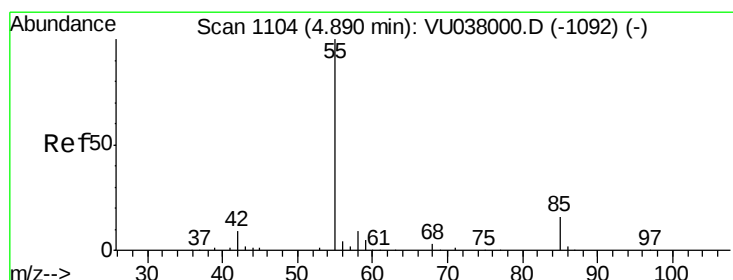
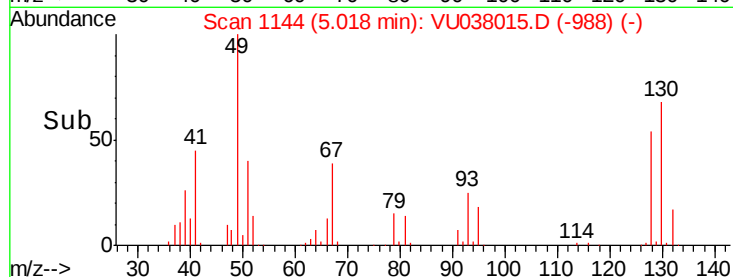
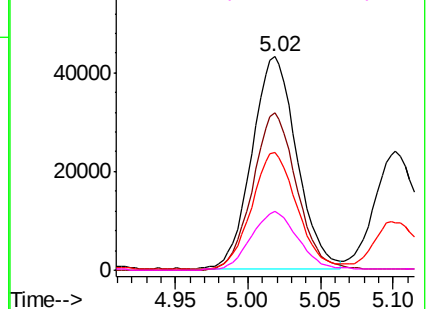


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 9.585 ug/l

RT: 4.89 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Tgt Ion: 55 Resp: 144453

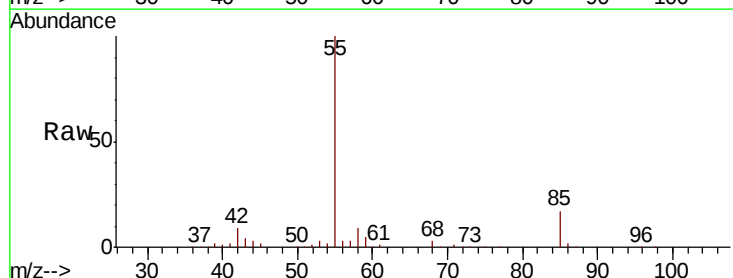
Ion Ratio Lower Upper

55 100

85 17.0 12.9 19.3

58 9.1 7.2 10.8

42 9.5 8.1 12.1

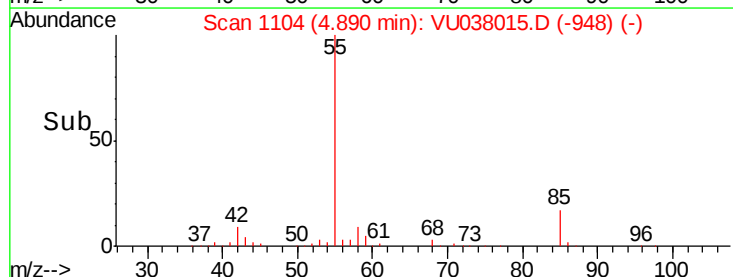
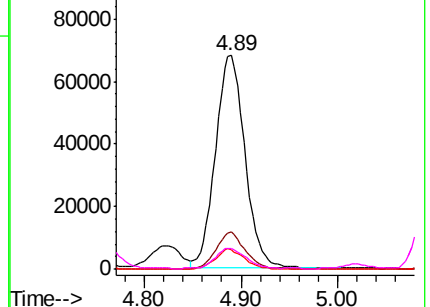


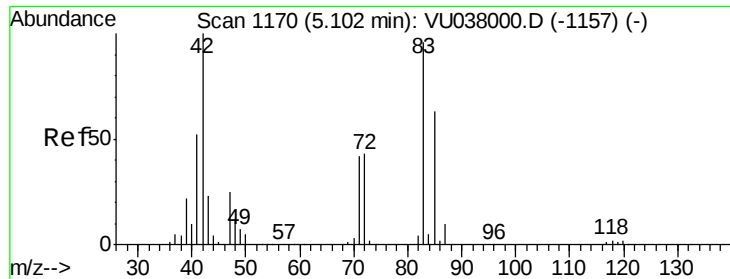
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 17.548 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

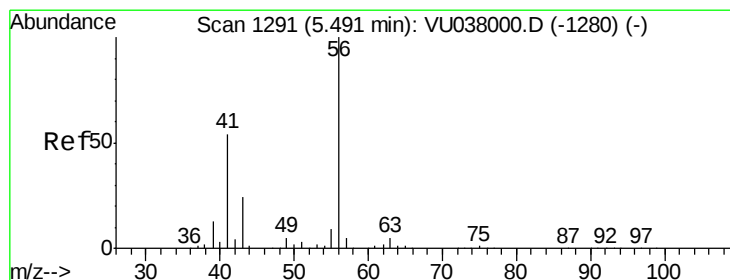
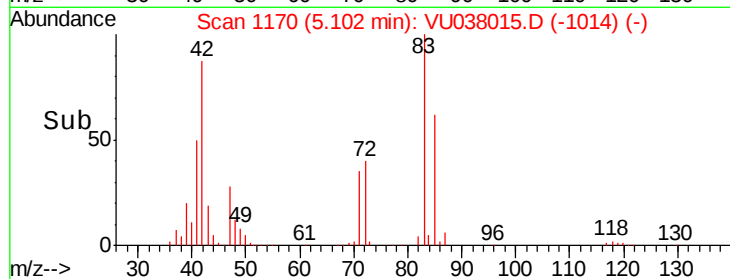
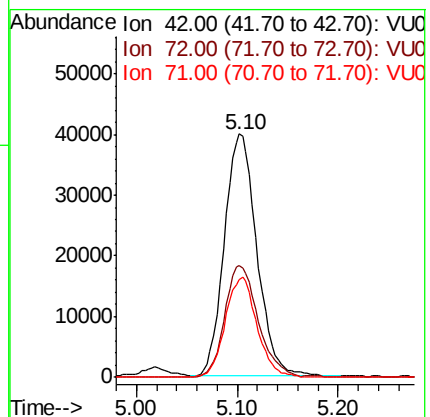
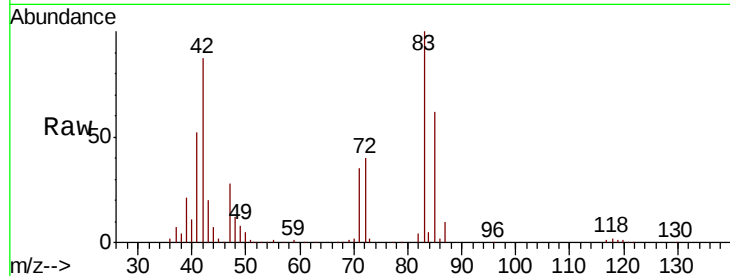
Tot Ion: 42 Resp: 89520

Ion Ratio Lower Upper

42 100

72 47.6 37.4 56.2

71 40.5 32.8 49.2



#42

1-Chlorobutane

Concen: 9.791 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VU038015.D

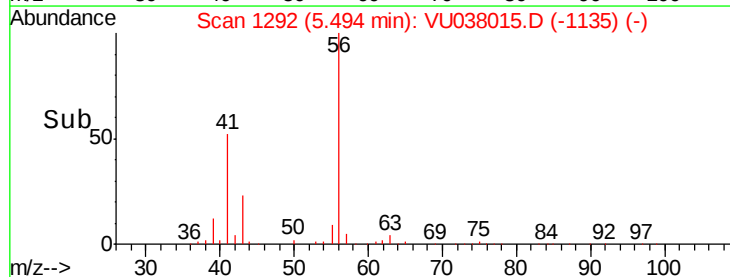
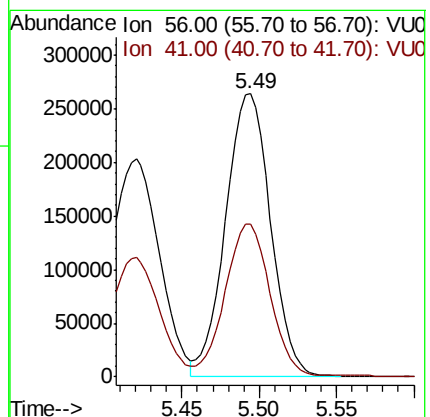
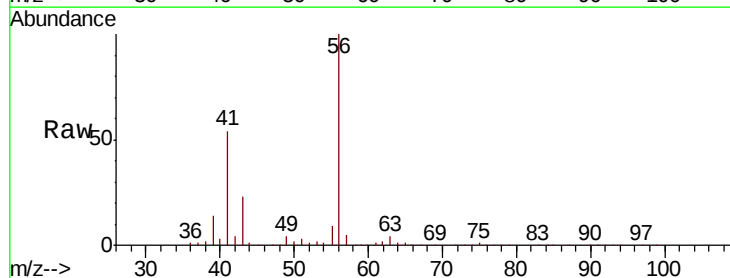
Acq: 05 May 2020 14:15

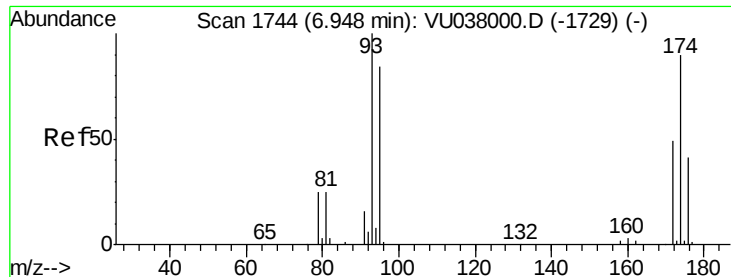
Tgt Ion: 56 Resp: 529707

Ion Ratio Lower Upper

56 100

41 53.4 26.8 80.4





#43

Dibromomethane

Concen: 9.550 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

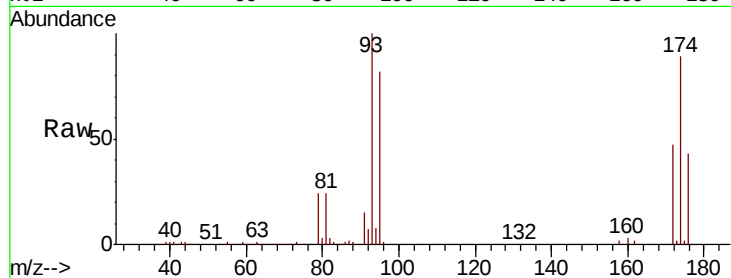
Tot Ion: 93 Resp: 125793

Ion Ratio Lower Upper

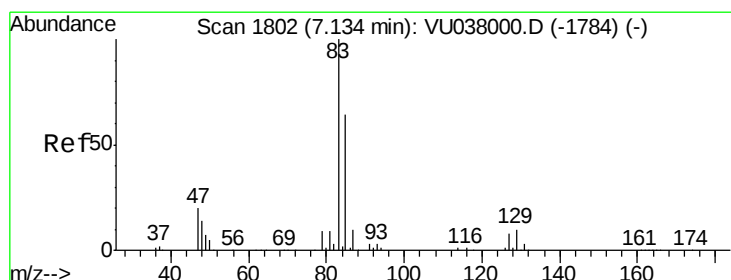
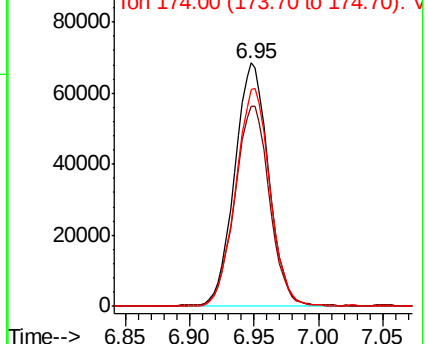
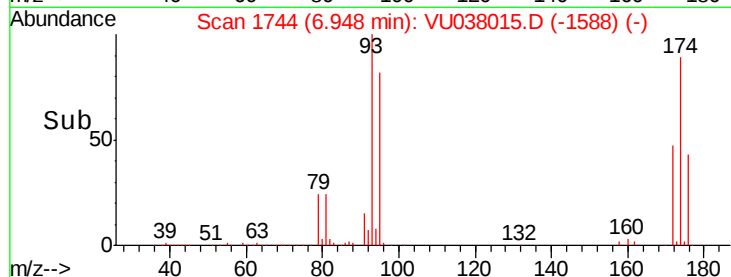
93 100

95 82.6 66.1 99.1

174 90.1 72.8 109.2



Abundance Ion 93.00 (92.70 to 93.70): VU038015.D (-1588) (-)



#44

Bromodichloromethane

Concen: 9.963 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

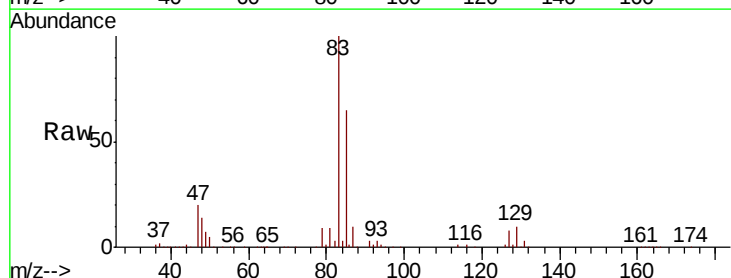
Tgt Ion: 83 Resp: 329628

Ion Ratio Lower Upper

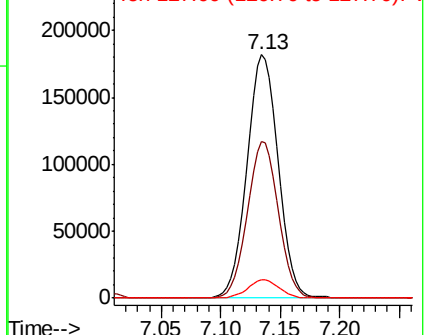
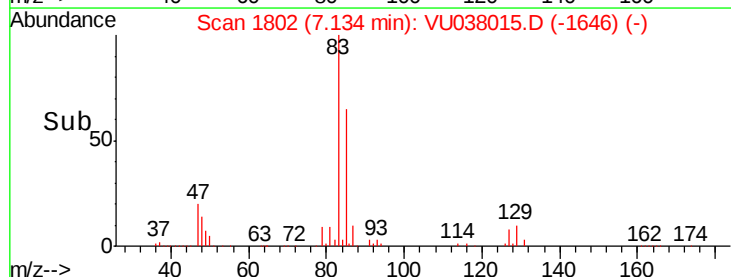
83 100

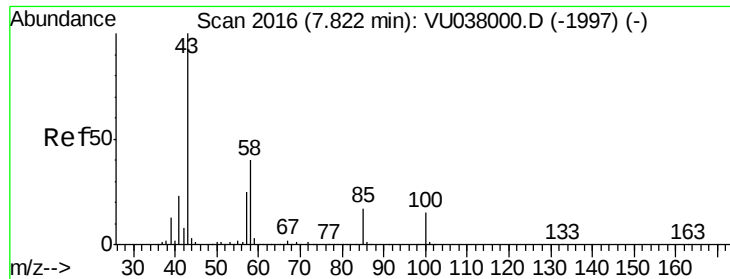
85 64.6 51.4 77.0

127 7.6 6.2 9.2



Abundance Ion 83.00 (82.70 to 83.70): VU038015.D (-1646) (-)

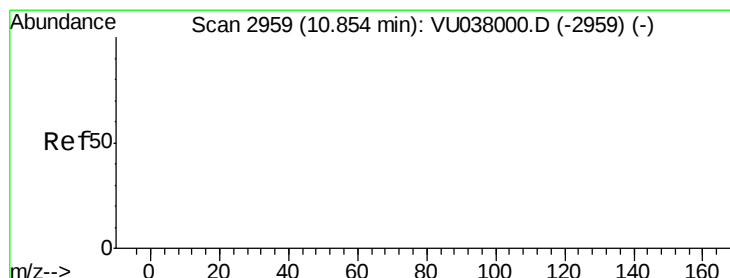
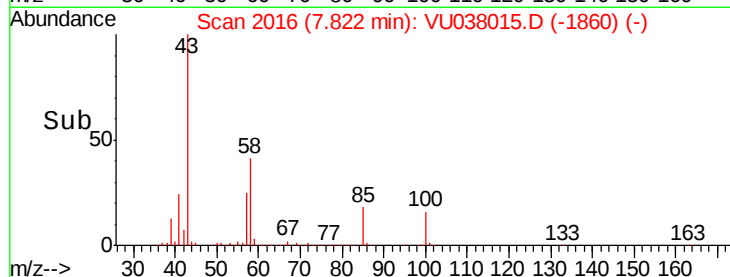
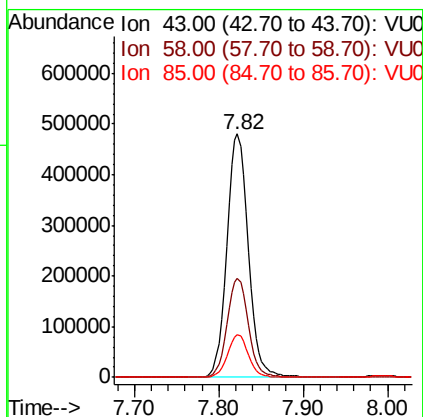
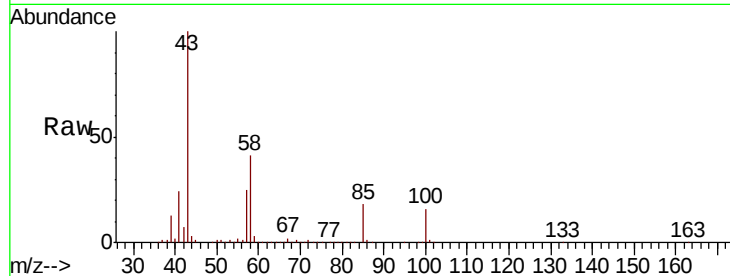




#45
4-Methyl-2-Pentanone
Concen: 47.129 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

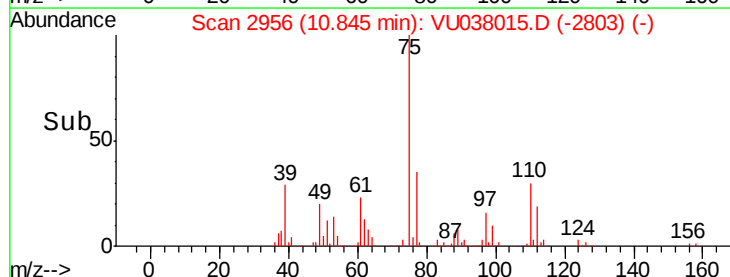
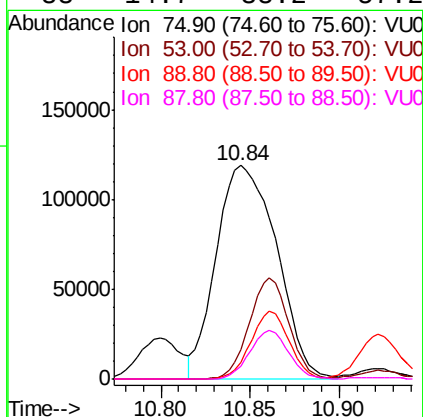
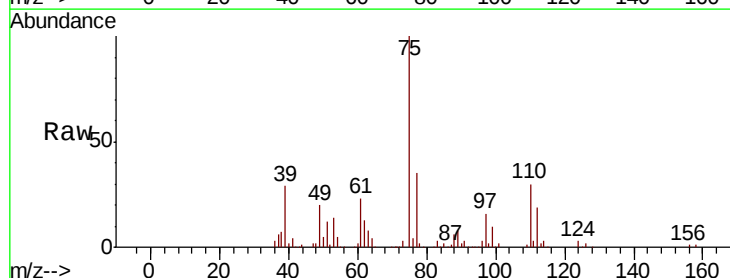
Instrument :
MSVOA_U
ClientSampled :

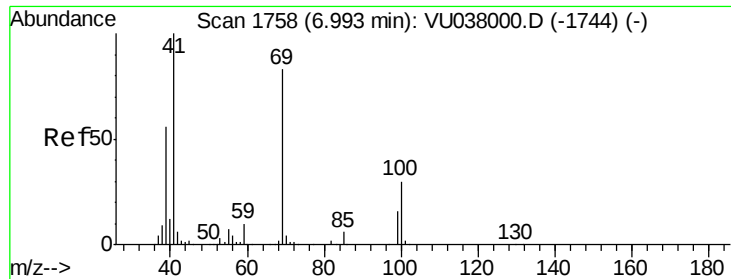
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.5	20.1	60.3
85	17.1	13.7	20.5



#46
t-1,4-Dichloro-2-butene
Concen: 50.387 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
53	31.1	81.1	121.7#
89	20.3	53.2	79.8#
88	14.7	38.2	57.2#

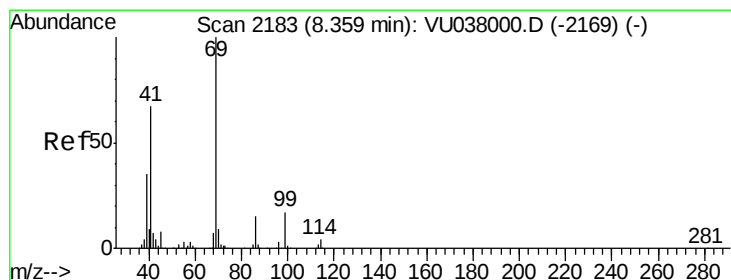
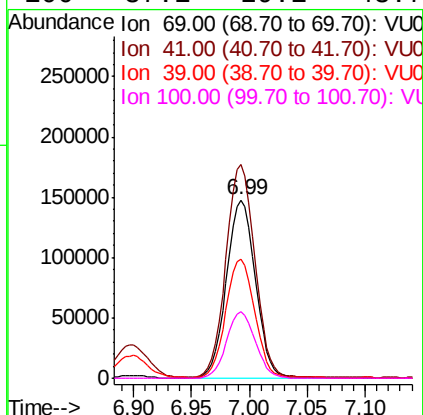
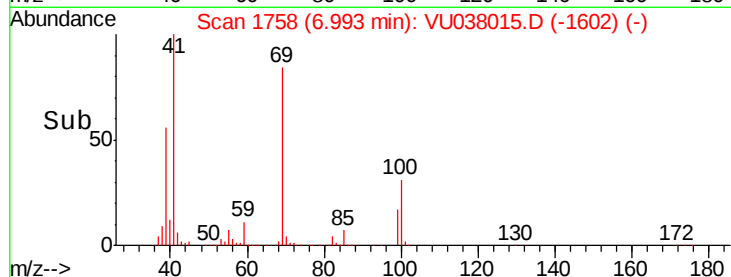
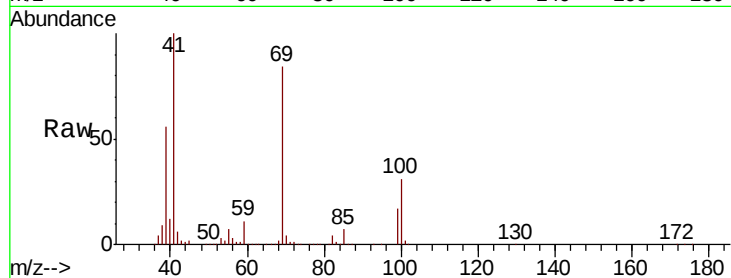




#47
Methyl methacrylate
Concen: 19.131 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

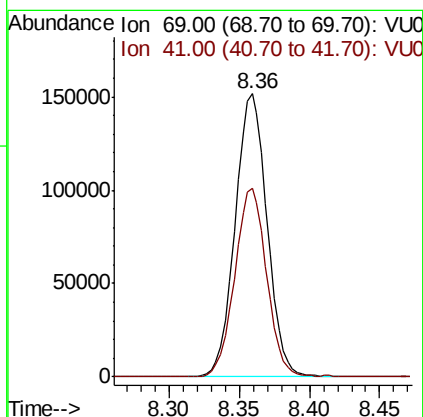
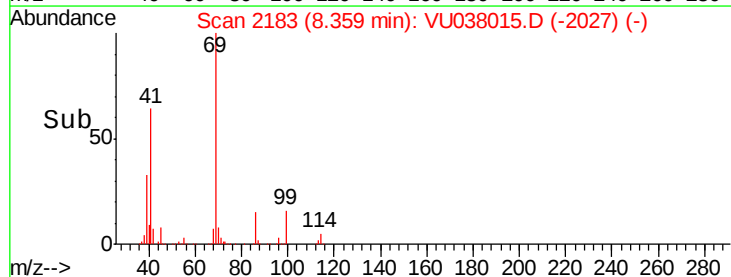
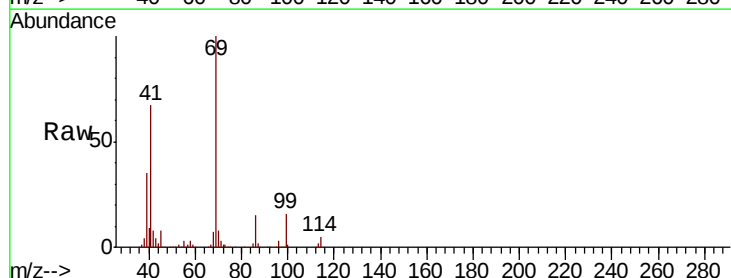
Instrument :
MSVOA_U
ClientSampleId :

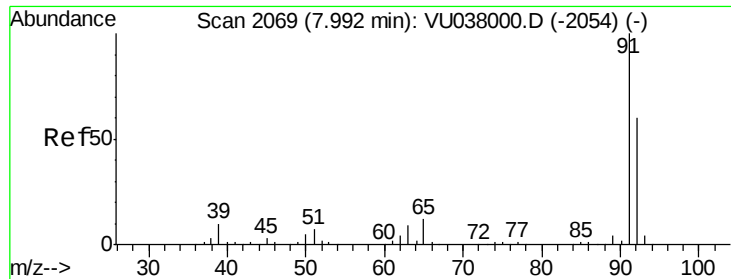
Tot Ion: 69 Resp: 256256
Ion Ratio Lower Upper
69 100
41 119.3 0.0 241.6
39 66.0 52.9 79.3
100 37.1 29.1 43.7



#48
Ethyl methacrylate
Concen: 9.705 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 69 Resp: 240664
Ion Ratio Lower Upper
69 100
41 66.6 33.6 100.8





#49

Toluene

Concen: 9.898 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

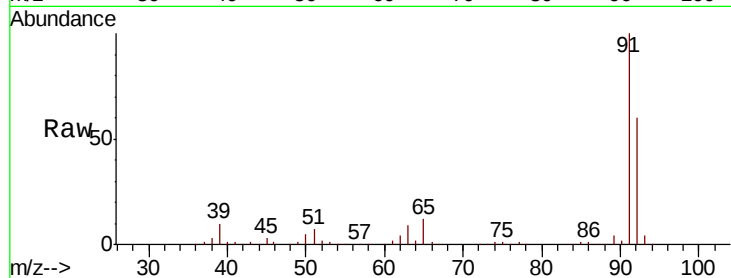
ClientSampleId :

Tot Ion: 92 Resp: 657587

Ion Ratio Lower Upper

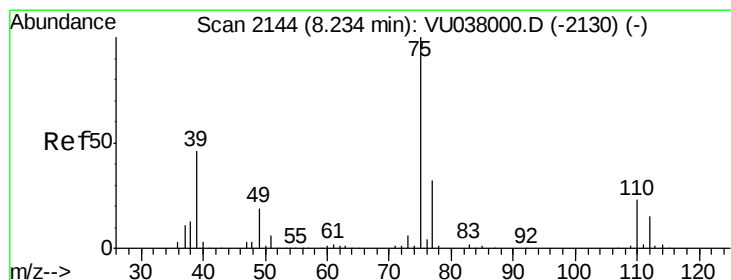
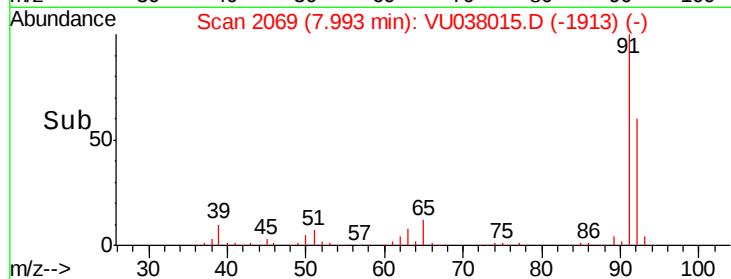
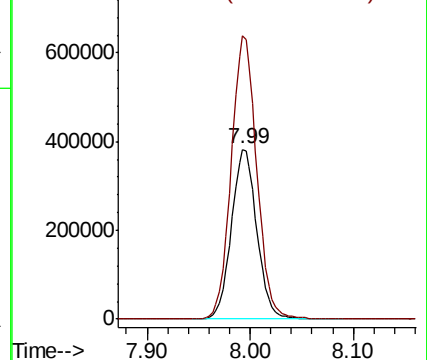
92 100

91 167.9 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VU038015.D (-1913) (-)

Ion 91.00 (90.70 to 91.70): VU038015.D (-1913) (-)



#50

t-1,3-Dichloropropene

Concen: 9.619 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038015.D

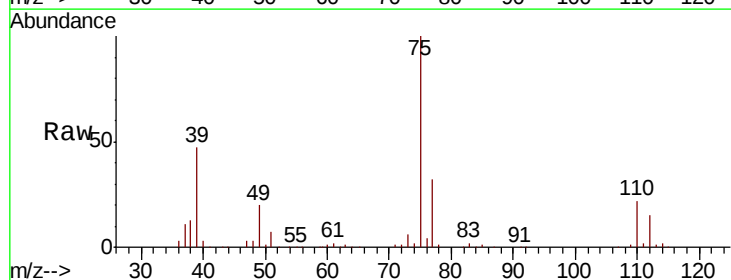
Acq: 05 May 2020 14:15

Tgt Ion: 75 Resp: 325103

Ion Ratio Lower Upper

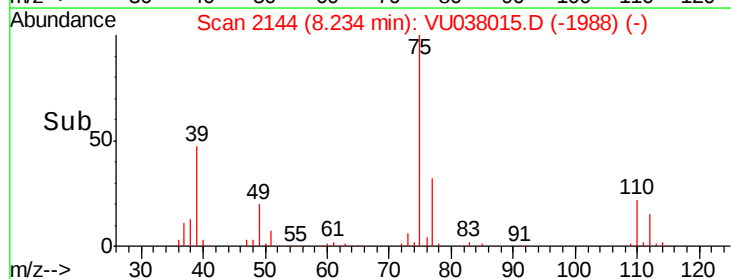
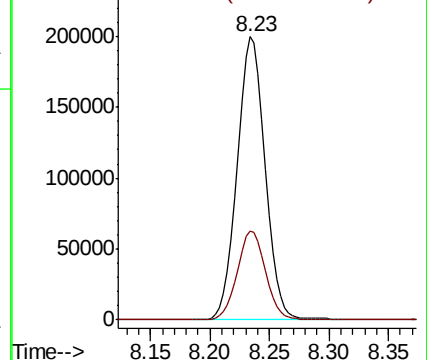
75 100

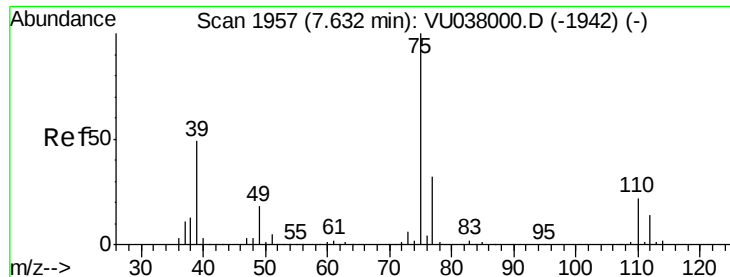
77 31.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038015.D (-1988) (-)

Ion 77.00 (76.70 to 77.70): VU038015.D (-1988) (-)



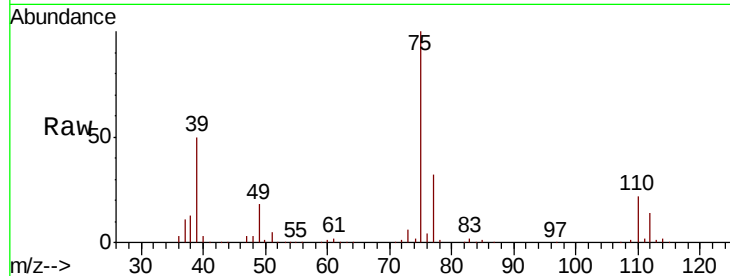


#51

cis-1,3-Dichloropropene
Concen: 9.735 ug/l
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	75	Resp	395156
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3
39	49.7	39.0	58.4

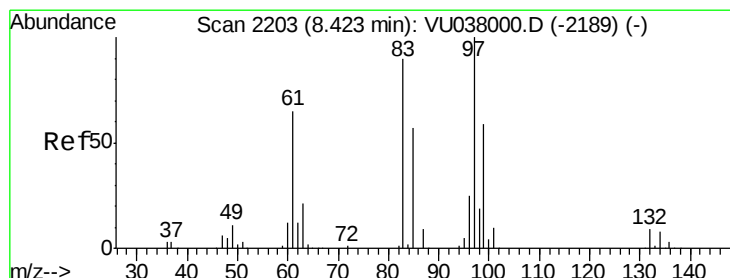
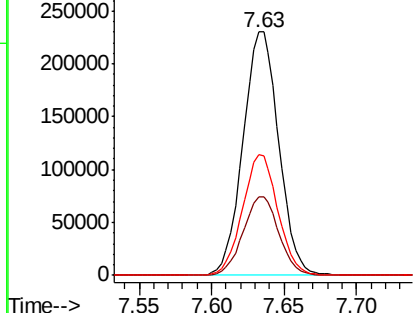
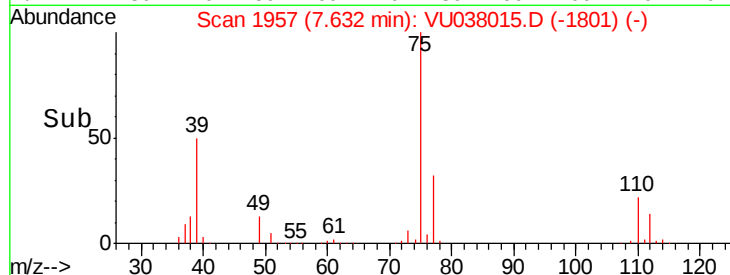


Abundance

Ion 75.00 (74.70 to 75.70): VU038015.D (-1801) (-)

Ion 77.00 (76.70 to 77.70): VU038015.D (-1801) (-)

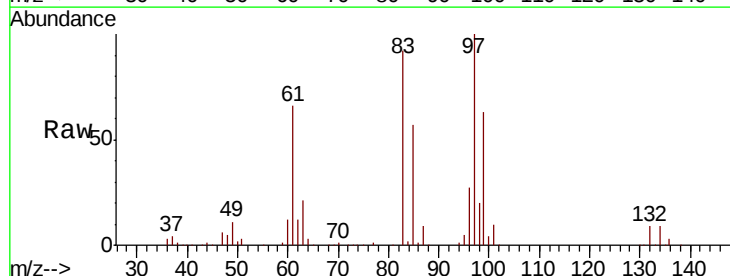
Ion 39.00 (38.70 to 39.70): VU038015.D (-1801) (-)



#52

1,1,2-Trichloroethane
Concen: 9.432 ug/l
RT: 8.42 min Scan# 2203
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	97	Resp	175937
Ion	Ratio	Lower	Upper
97	100		
83	92.0	72.4	108.6
85	57.1	46.0	69.0
99	63.0	50.4	75.6



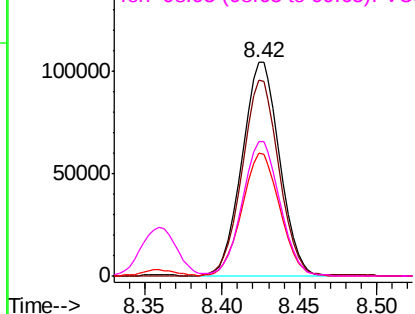
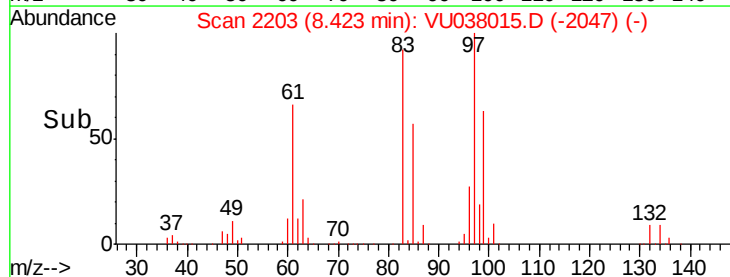
Abundance

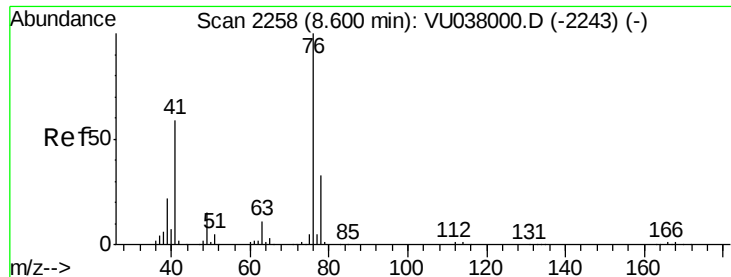
Ion 97.00 (96.70 to 97.70): VU038015.D (-2047) (-)

Ion 82.95 (82.65 to 83.65): VU038015.D (-2047) (-)

Ion 84.95 (84.65 to 85.65): VU038015.D (-2047) (-)

Ion 98.95 (98.65 to 99.65): VU038015.D (-2047) (-)





#53

1,3-Dichloropropane

Concen: 9.693 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

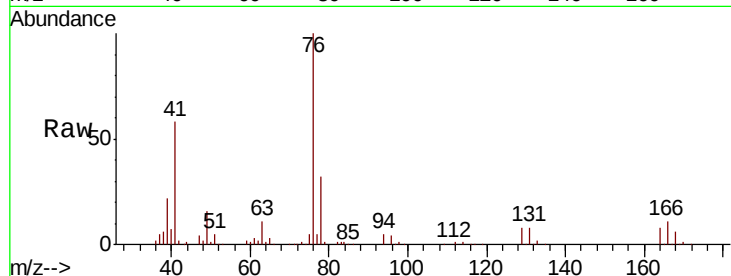
ClientSampleId :

Tot Ion: 76 Resp: 339409

Ion Ratio Lower Upper

76 100

78 32.5 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

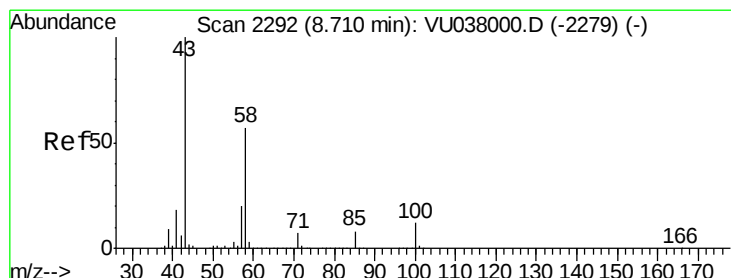
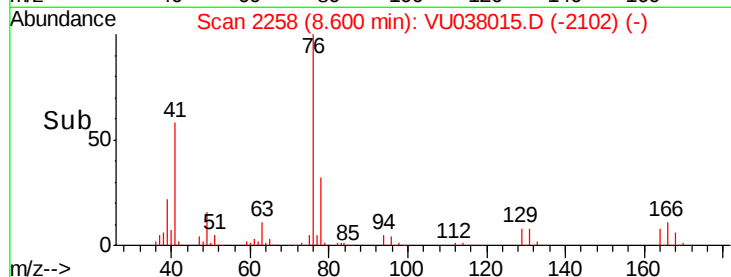
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#54

2-Hexanone

Concen: 46.265 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

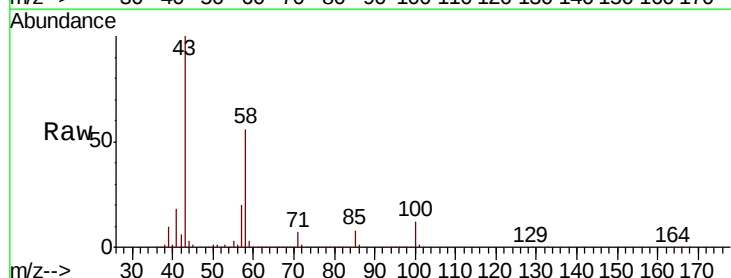
Tgt Ion: 43 Resp: 586222

Ion Ratio Lower Upper

43 100

58 56.6 36.5 76.5

57 19.4 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

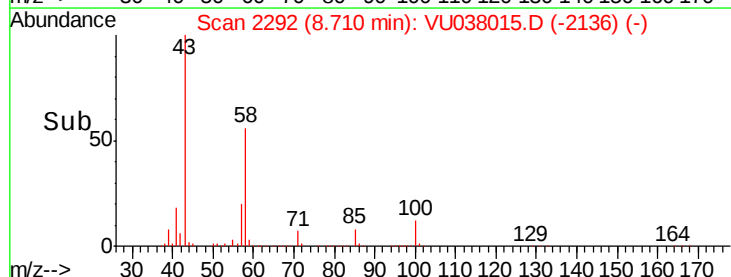
300000

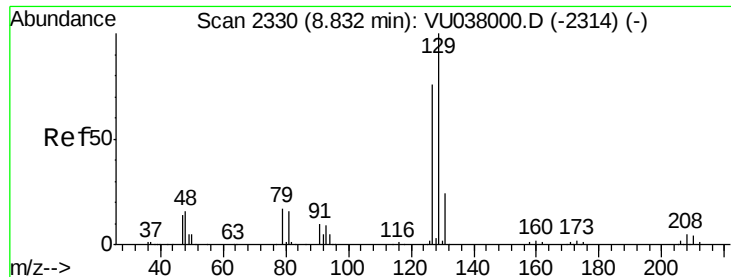
200000

100000

0

Time--> 8.60 8.70 8.80





#55

Dibromochloromethane

Concen: 9.675 ug/l

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

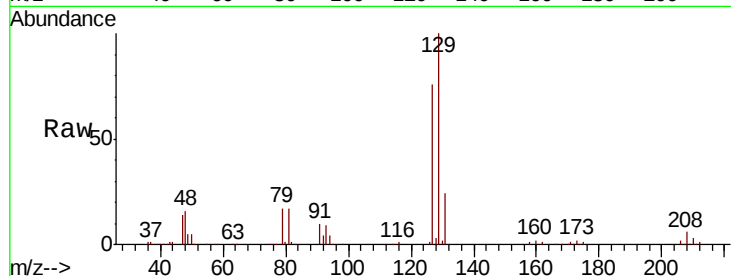
ClientSampleId :

Tot Ion:129 Resp: 199963

Ion Ratio Lower Upper

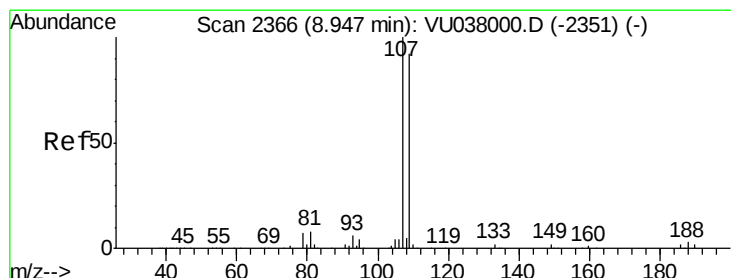
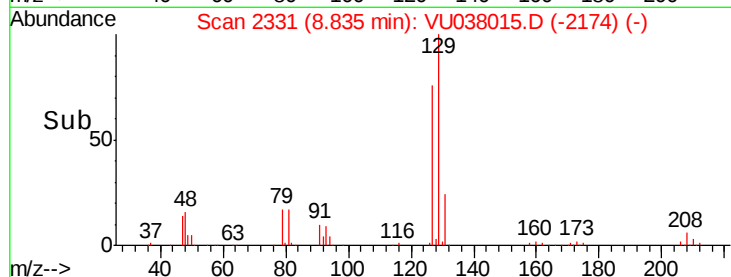
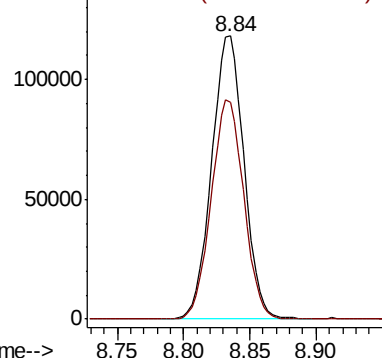
129 100

127 77.9 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: 9.385 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038015.D

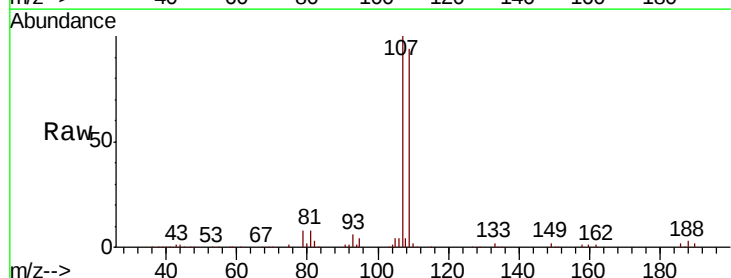
Acq: 05 May 2020 14:15

Tgt Ion:107 Resp: 165129

Ion Ratio Lower Upper

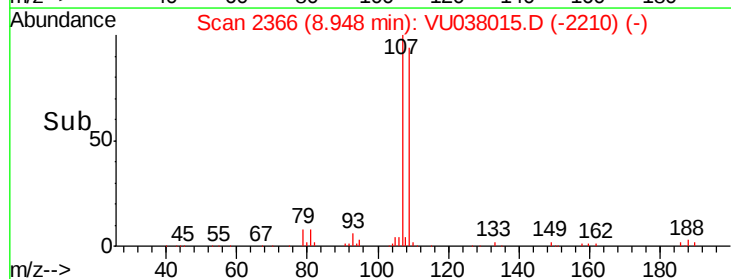
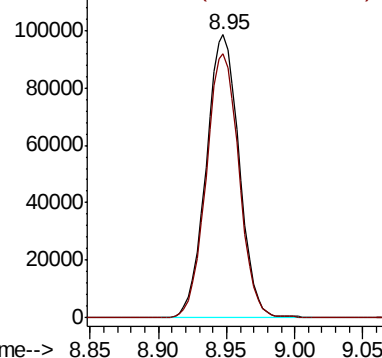
107 100

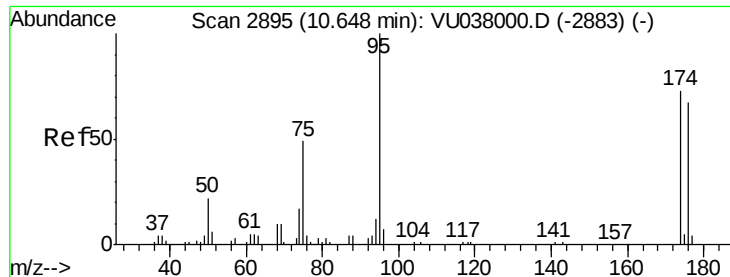
109 93.5 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

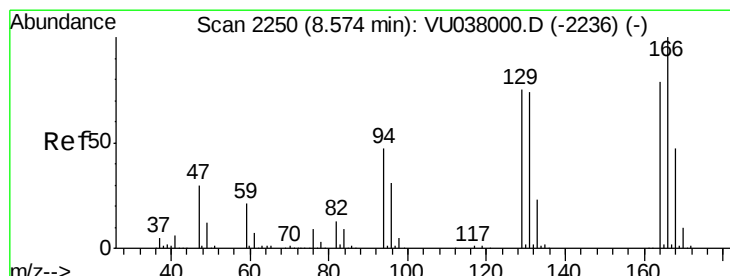
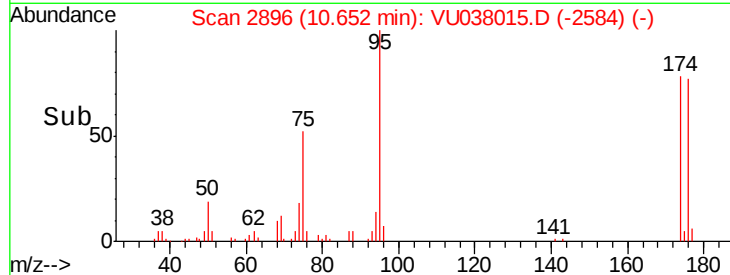
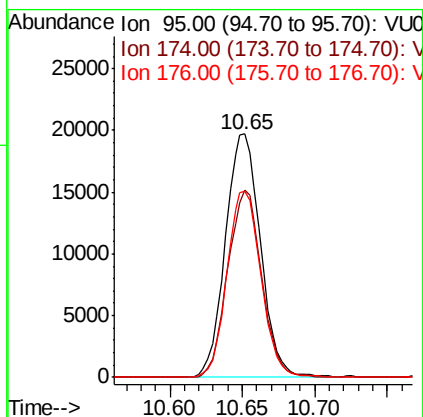
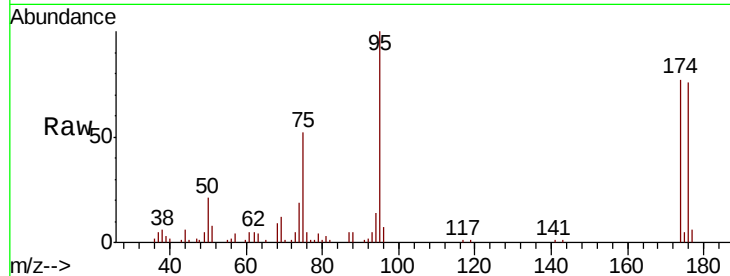




#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

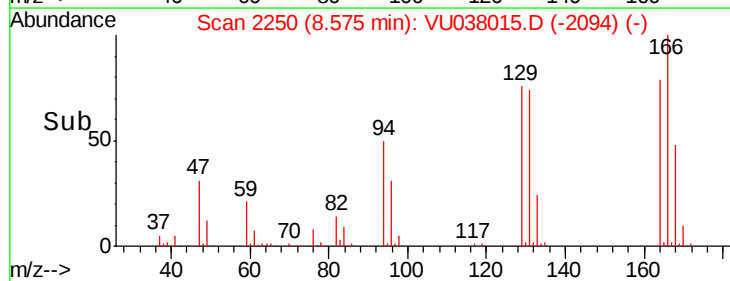
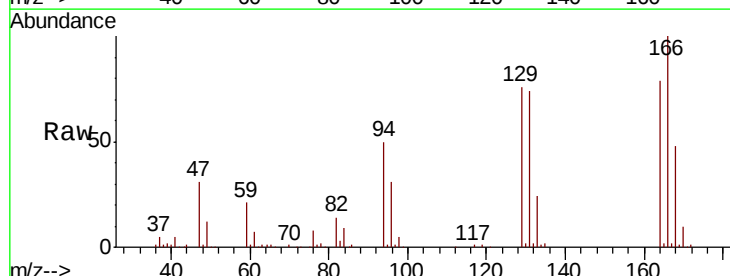
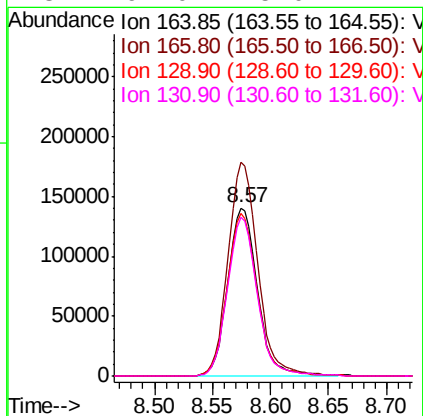
Instrument :
MSVOA_U
ClientSampleId :

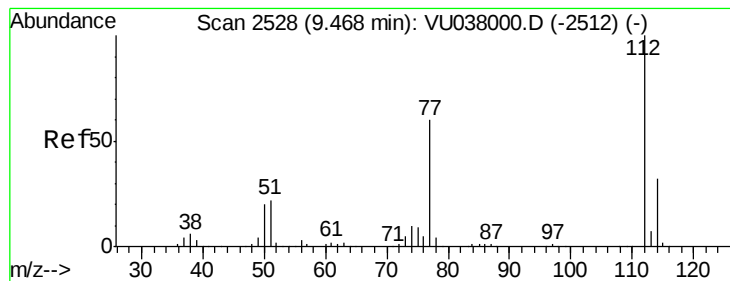
Tot Ion: 95 Resp: 33062
Ion Ratio Lower Upper
95 100
174 74.4 61.2 91.8
176 73.9 57.1 85.7



#58
Tetrachloroethene
Concen: 9.616 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 164 Resp: 247615
Ion Ratio Lower Upper
164 100
166 127.0 101.5 152.3
129 96.6 76.6 114.8
131 94.0 75.0 112.4





#59

Chlorobenzene

Concen: 9.693 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

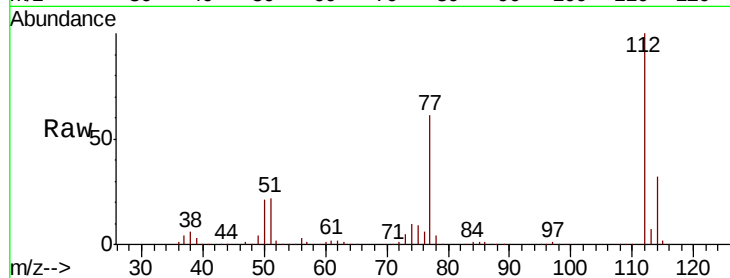
ClientSampleId :

Tot Ion:112 Resp: 683704

Ion Ratio Lower Upper

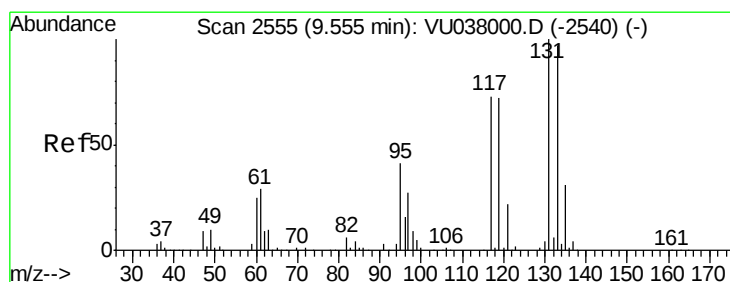
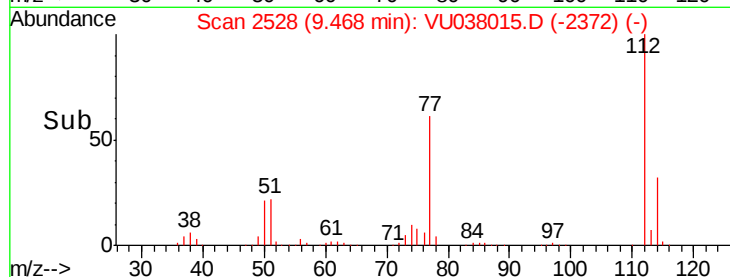
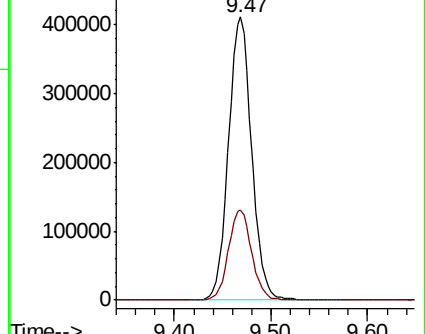
112 100

114 32.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 9.640 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

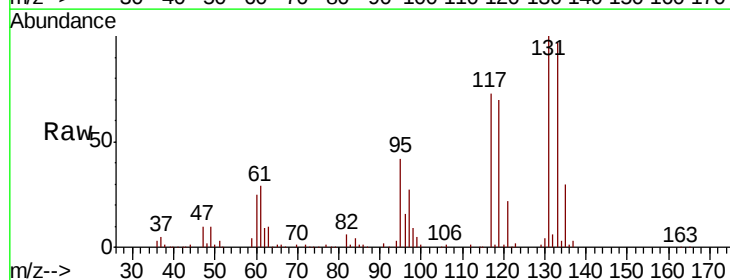
Tgt Ion:131 Resp: 206434

Ion Ratio Lower Upper

131 100

133 96.3 76.8 115.2

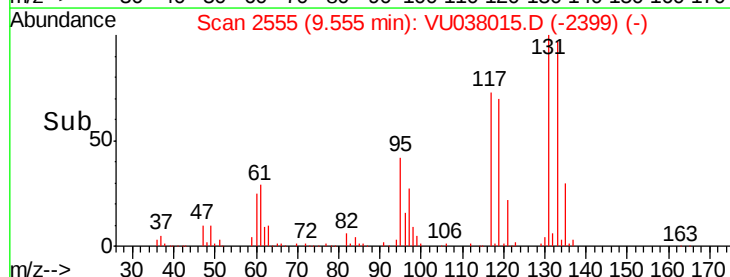
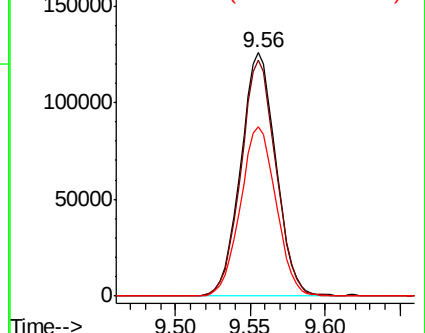
119 70.2 56.7 85.1

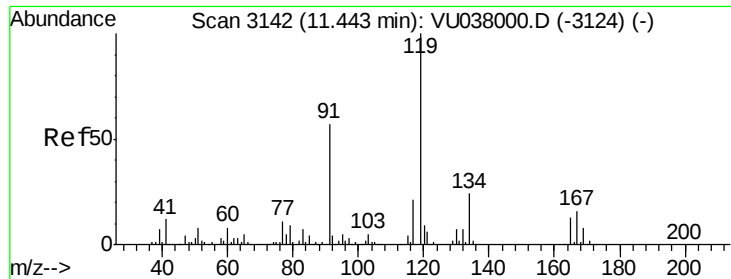


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

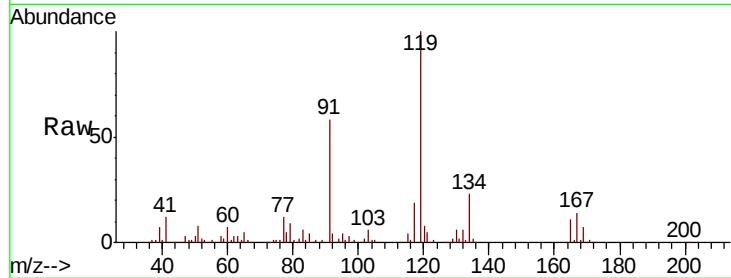




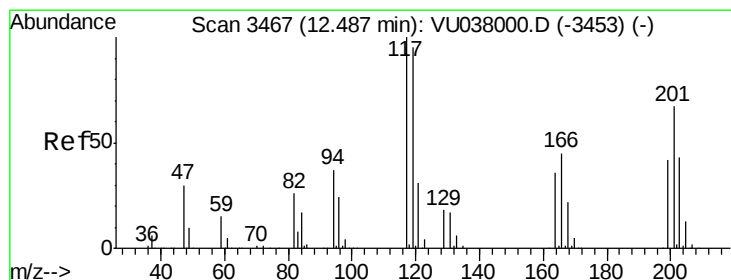
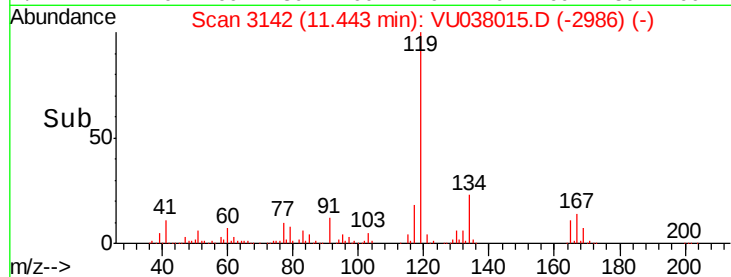
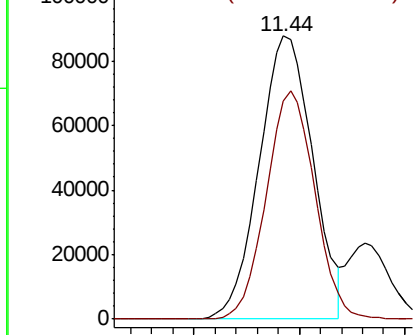
#61
 Pentachloroethane
 Concen: 9.660 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:117 Resp: 154953
 Ion Ratio Lower Upper
 117 100
 167 73.3 60.3 90.5

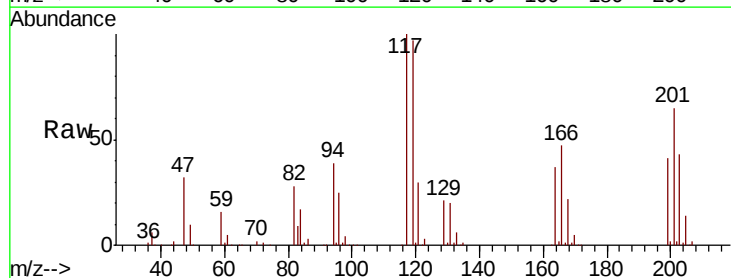


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

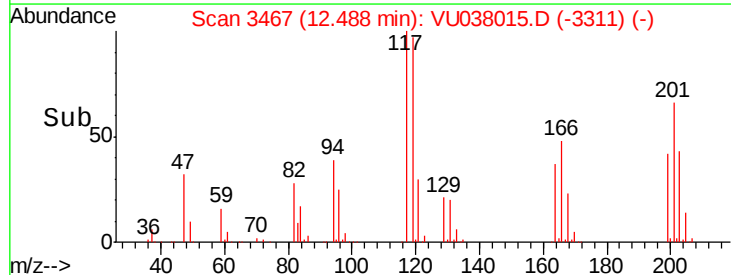
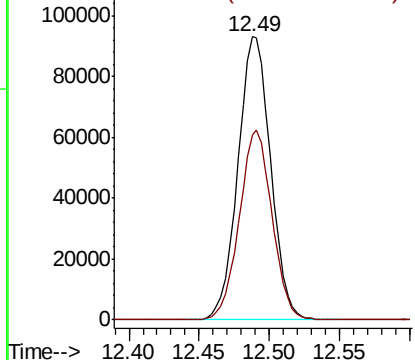


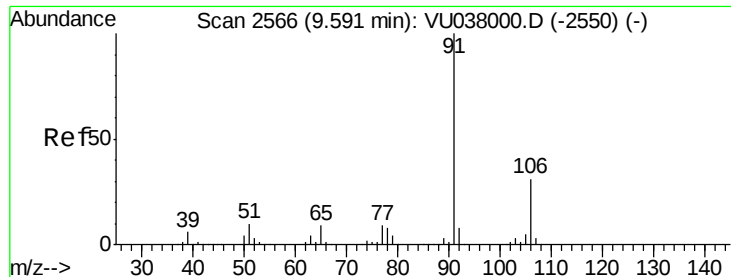
#62
 Hexachloroethane
 Concen: 9.080 ug/l
 RT: 12.49 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion:117 Resp: 151602
 Ion Ratio Lower Upper
 117 100
 201 67.0 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V

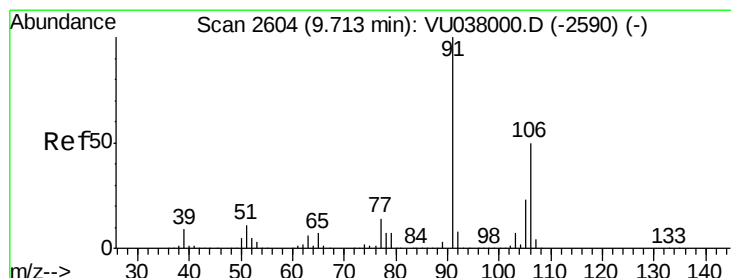
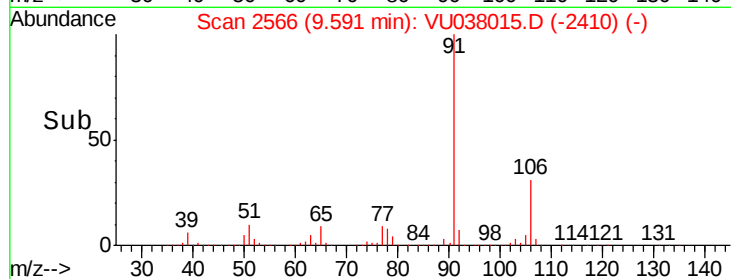
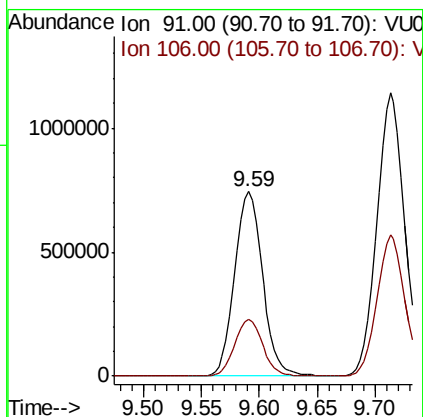
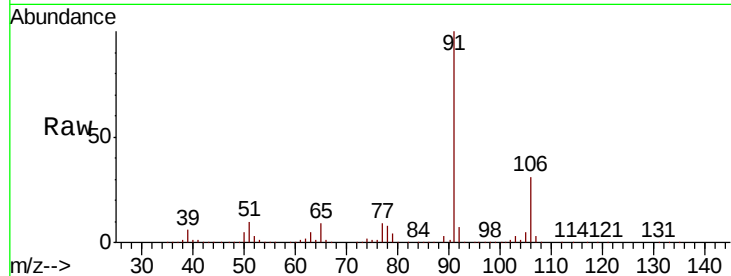




#63
Ethyl Benzene
Concen: 9.906 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

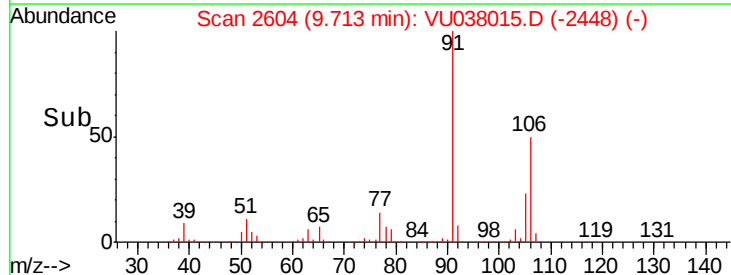
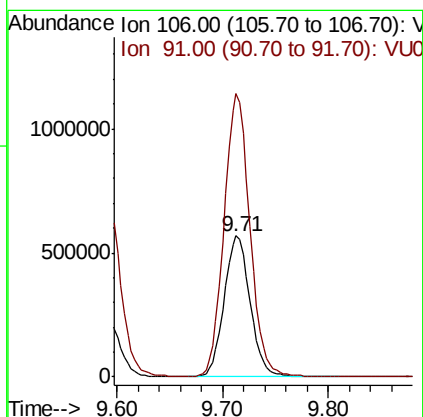
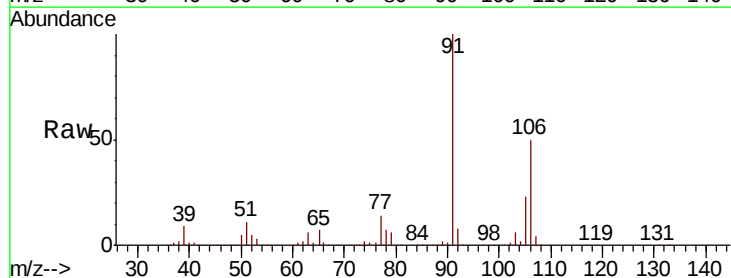
Instrument :
MSVOA_U
ClientSampled :

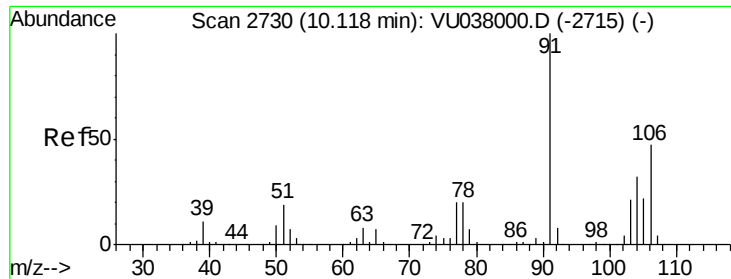
Tot Ion: 91 Resp: 1243188
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#64
m/p-Xylenes
Concen: 20.063 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 106 Resp: 969099
Ion Ratio Lower Upper
106 100
91 199.0 159.5 239.3

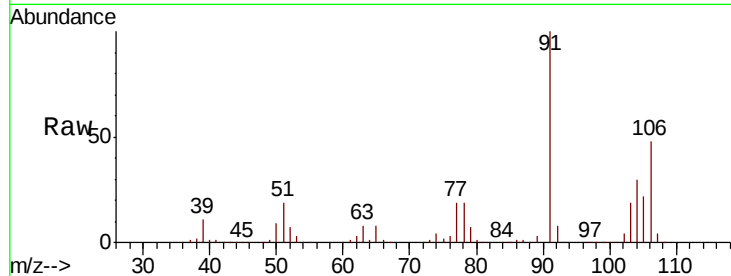




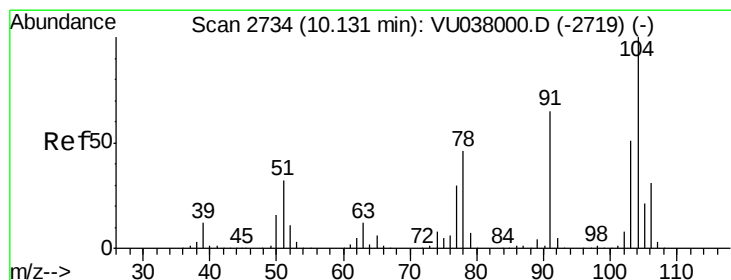
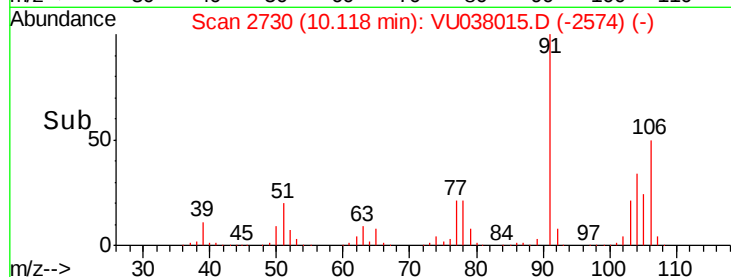
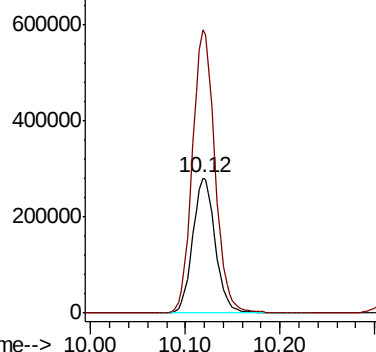
#65
o-Xylene
Concen: 9.909 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 466534
Ion Ratio Lower Upper
106 100
91 209.5 105.7 317.0

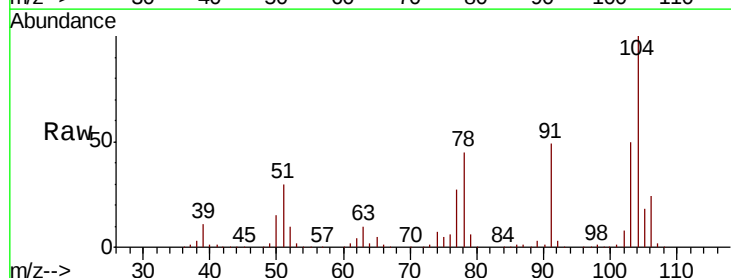


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

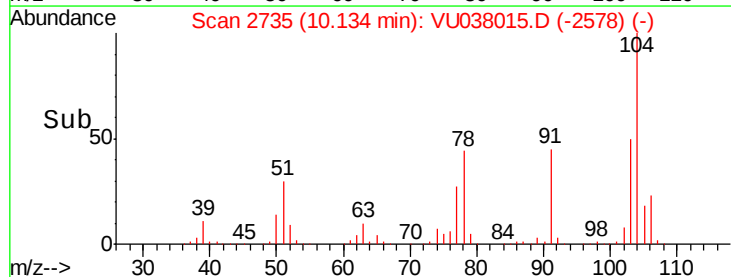
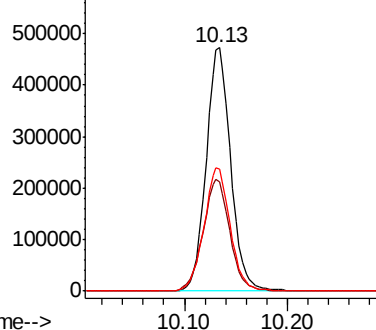


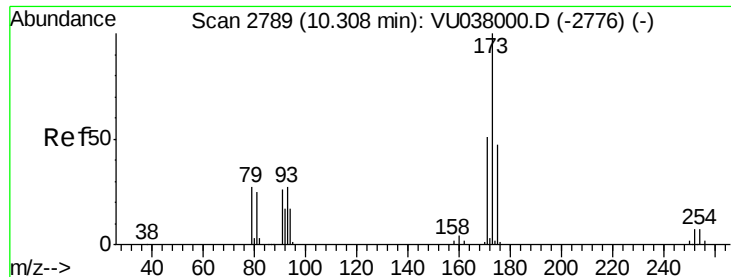
#66
Styrene
Concen: 10.112 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion:104 Resp: 784457
Ion Ratio Lower Upper
104 100
78 49.9 39.9 59.9
103 54.0 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: 9.613 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

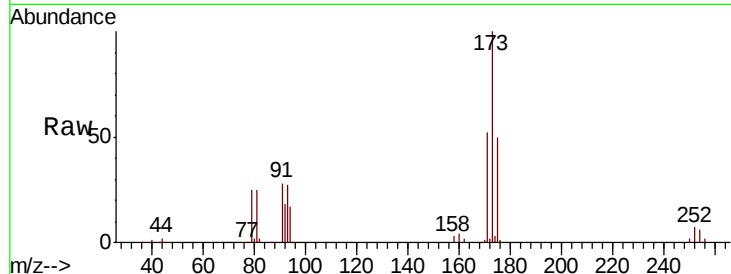
Tot Ion:173 Resp: 104493

Ion Ratio Lower Upper

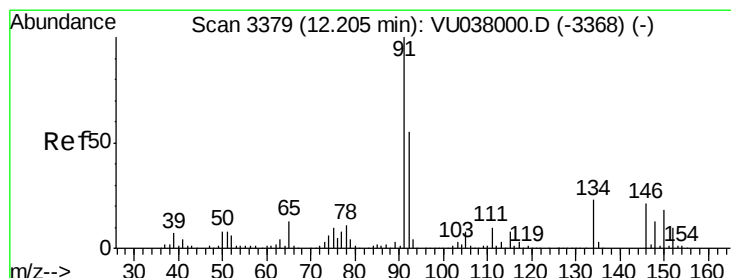
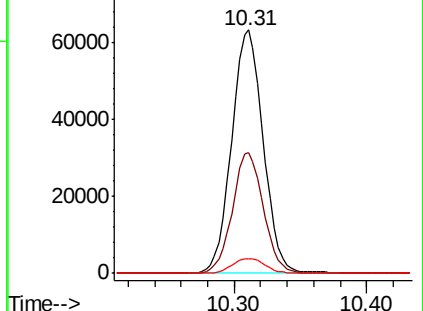
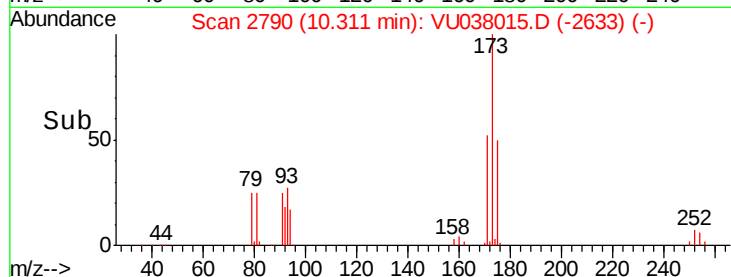
173 100

175 48.8 37.6 56.4

254 6.3 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: 0.944 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

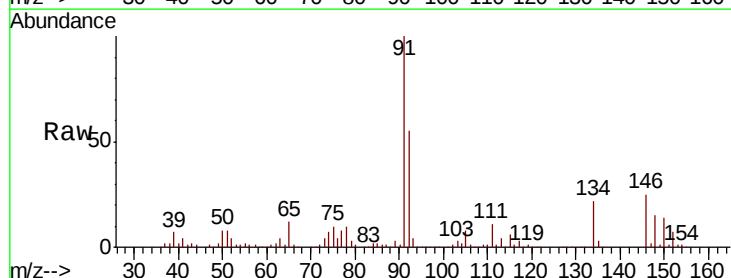
Tgt Ion:152 Resp: 31562

Ion Ratio Lower Upper

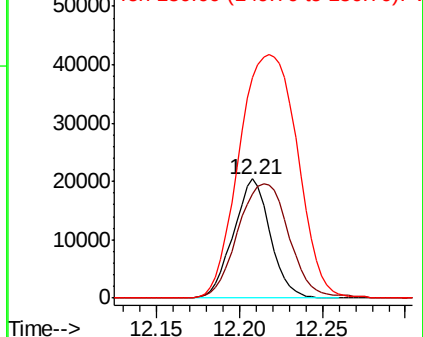
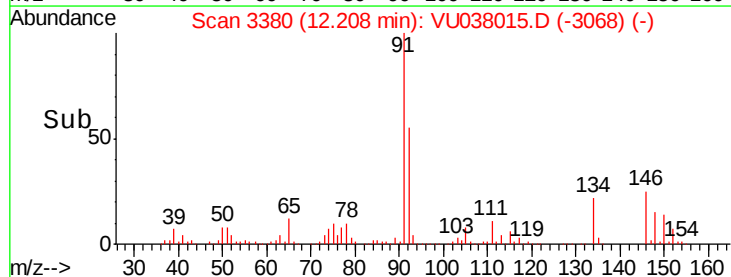
152 100

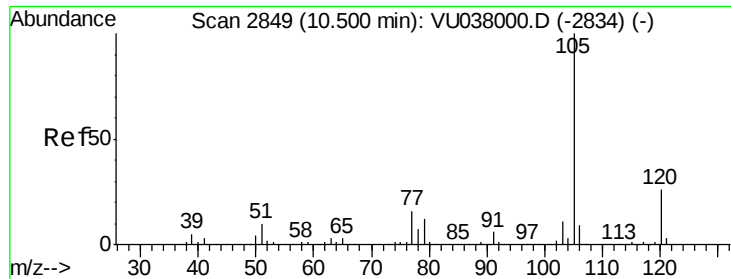
115 134.4 0.0 261.0

150 323.5 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: 9.909 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

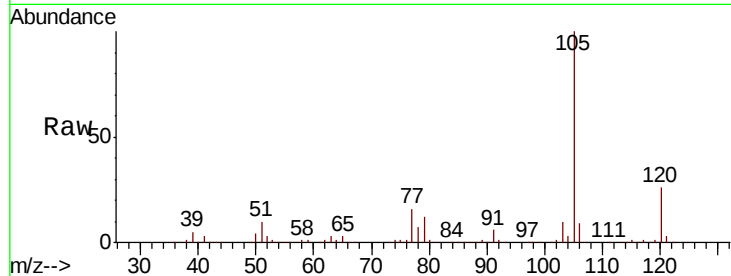
ClientSampled :

Tot Ion:105 Resp: 1218176

Ion Ratio Lower Upper

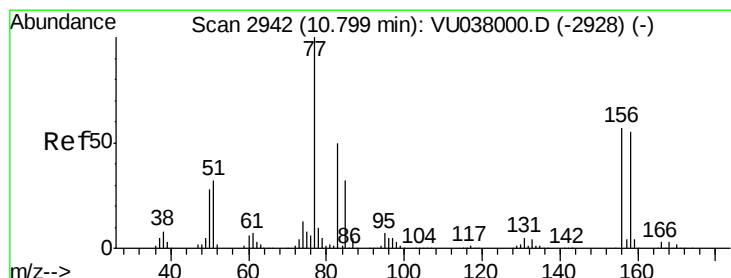
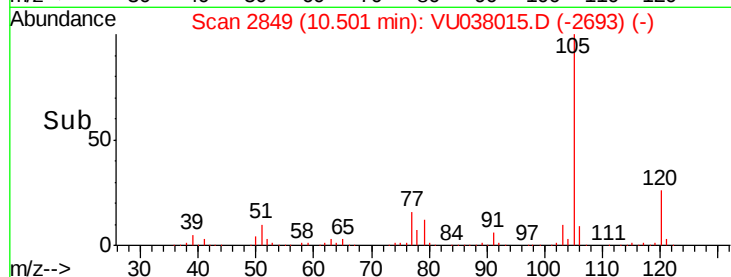
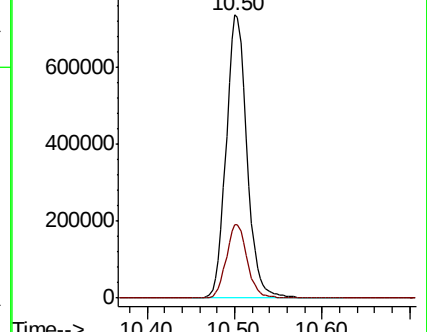
105 100

120 26.2 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: 9.567 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

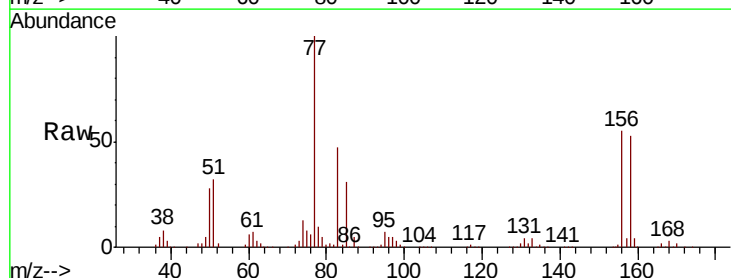
Tgt Ion: 83 Resp: 228673

Ion Ratio Lower Upper

83 100

131 9.0 7.2 10.8

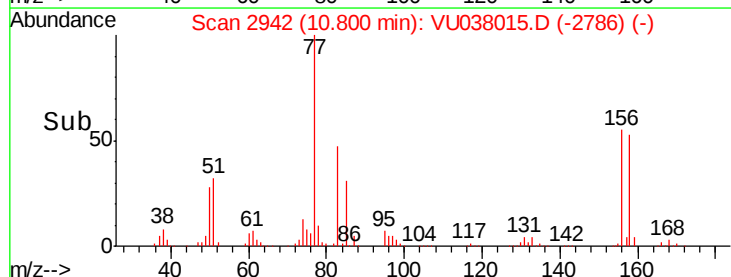
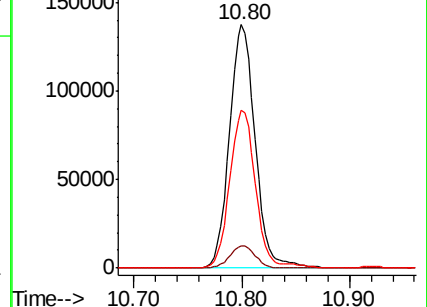
85 65.4 50.0 75.0

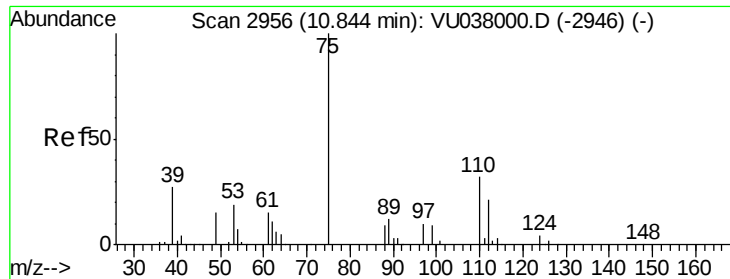


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

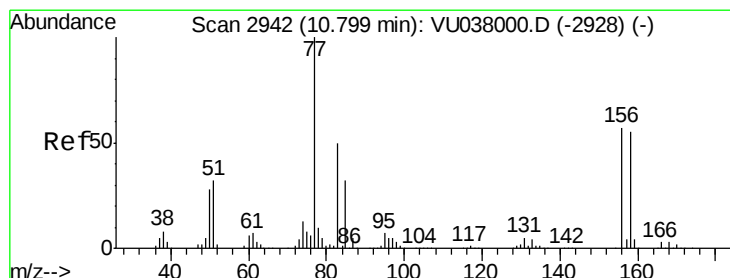
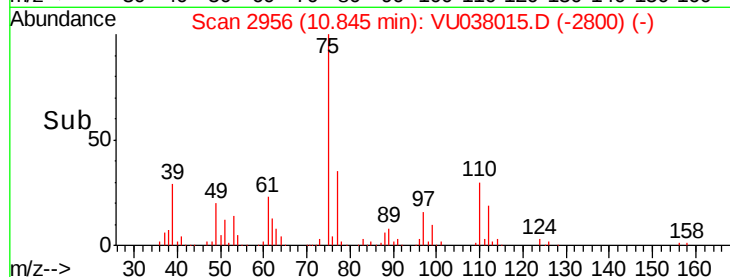
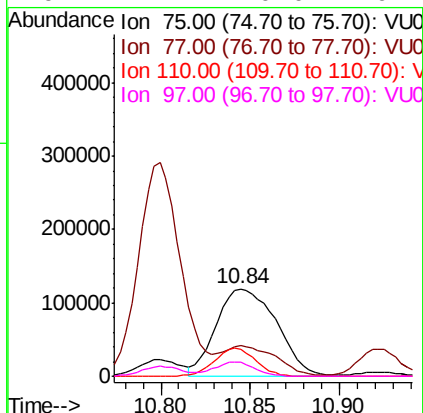
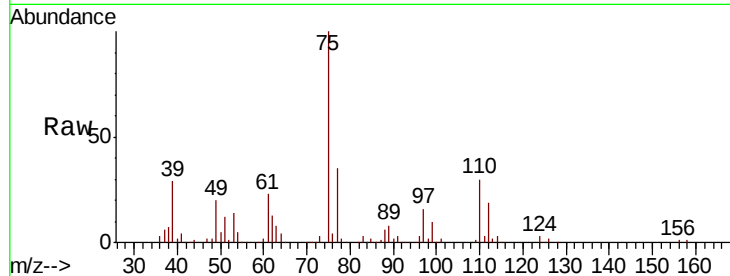




#71
 1,2,3-Trichloropropane
 Concen: 15.823 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

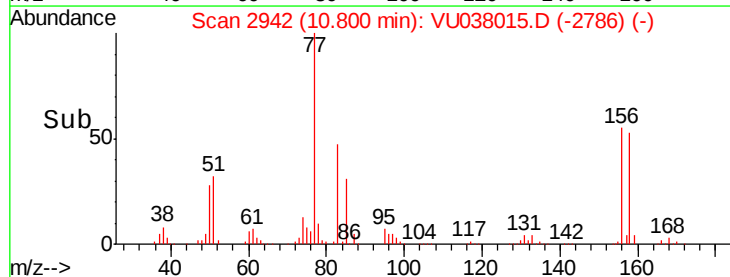
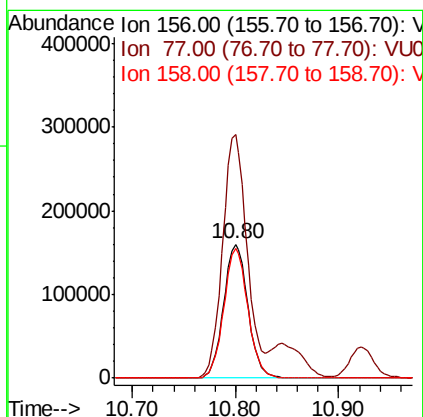
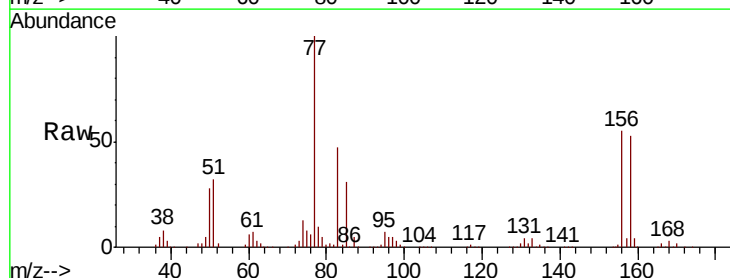
Instrument :
 MSVOA_U
 ClientSampled :

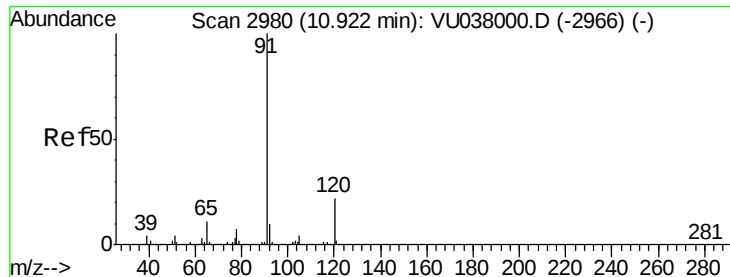
Tot Ion:	75	Resp:	279690
Ion	Ratio	Lower	Upper
75	100		
77	29.4	0.0	108.6
110	21.8	0.0	79.4
97	11.1	0.0	40.4



#72
 Bromobenzene
 Concen: 9.594 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion:	156	Resp:	263476
Ion	Ratio	Lower	Upper
156	100		
77	182.5	0.0	355.6
158	96.2	0.0	194.0





#73

n-propylbenzene

Concen: 9.885 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

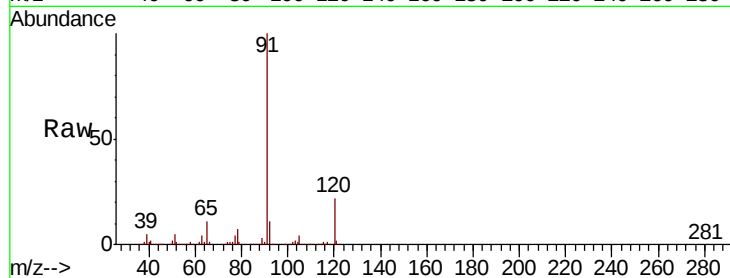
ClientSampled :

Tot Ion:120 Resp: 333467

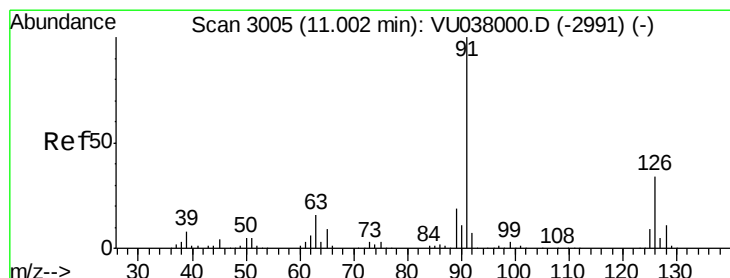
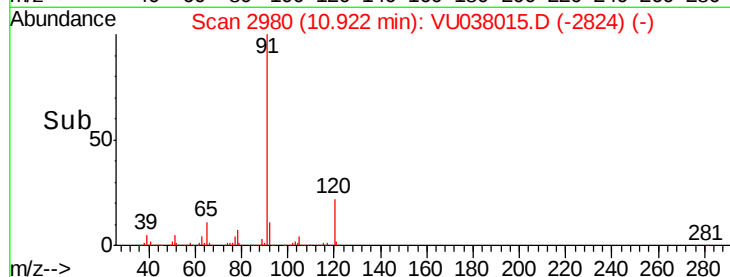
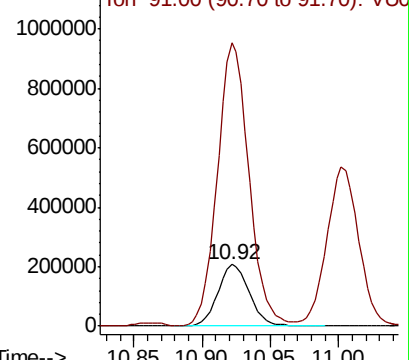
Ion Ratio Lower Upper

120 100

91 456.3 355.4 533.0



Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 9.801 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038015.D

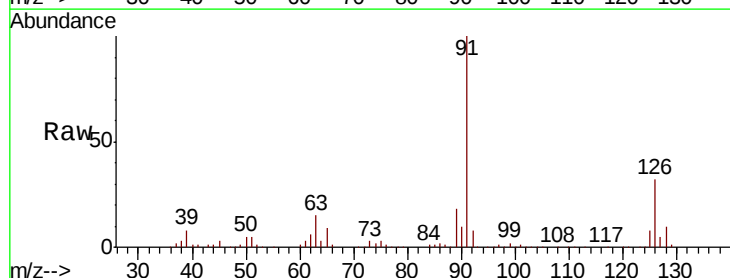
Acq: 05 May 2020 14:15

Tgt Ion:126 Resp: 277543

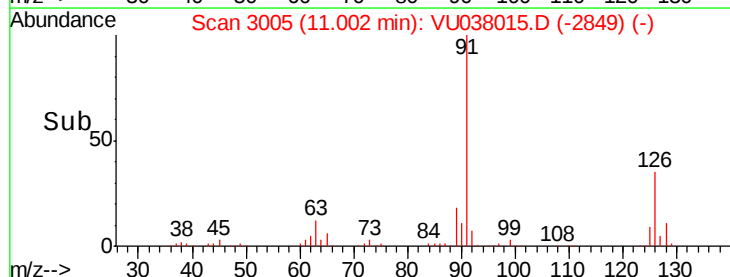
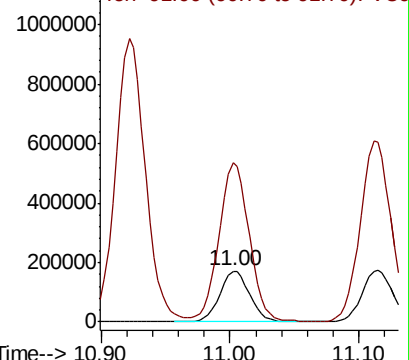
Ion Ratio Lower Upper

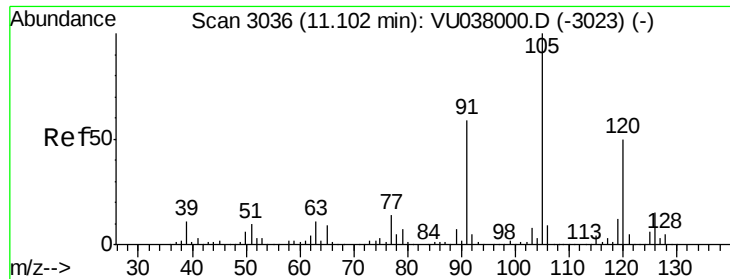
126 100

91 314.2 0.0 625.8



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 10.021 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

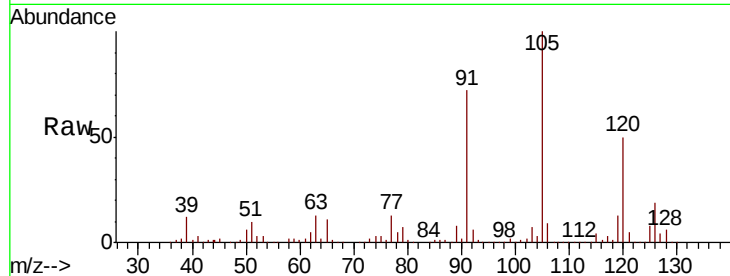
ClientSampleId :

Tot Ion:105 Resp: 1019736

Ion Ratio Lower Upper

105 100

120 49.5 39.8 59.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.11

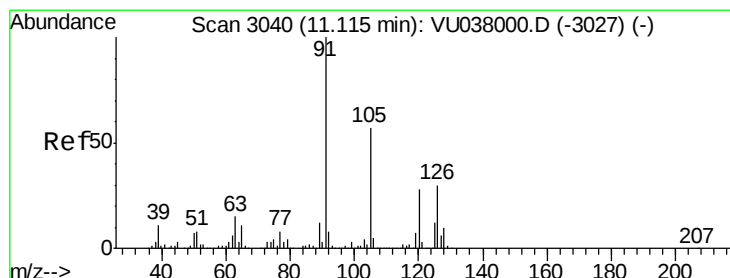
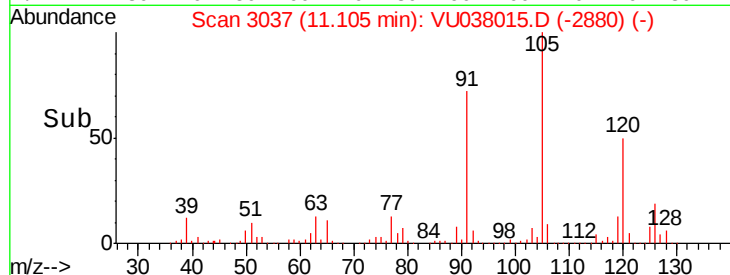
600000

400000

200000

0

Time-->



#76

4-Chlorotoluene

Concen: 9.796 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038015.D

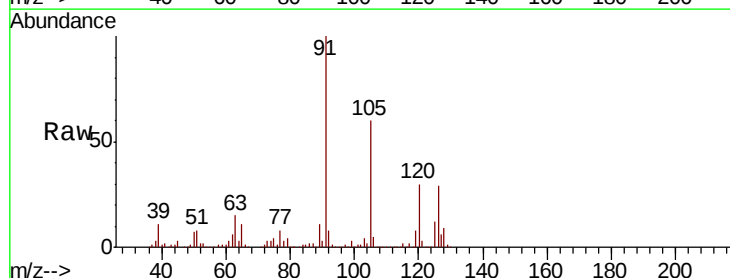
Acq: 05 May 2020 14:15

Tgt Ion:126 Resp: 288103

Ion Ratio Lower Upper

126 100

91 352.6 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.11

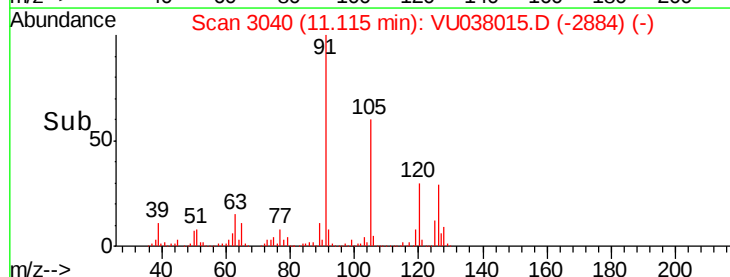
600000

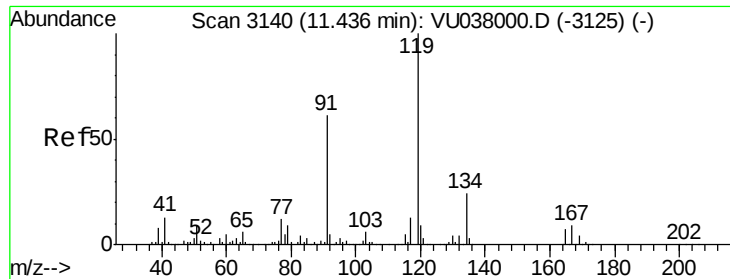
400000

200000

0

Time-->

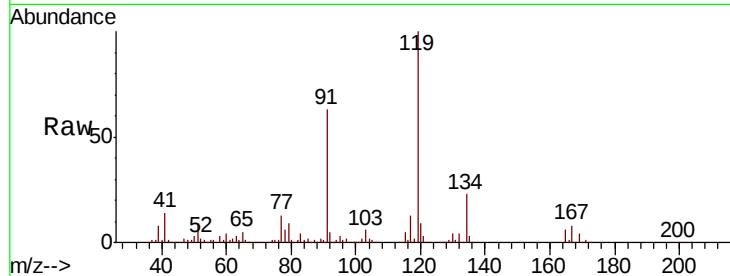




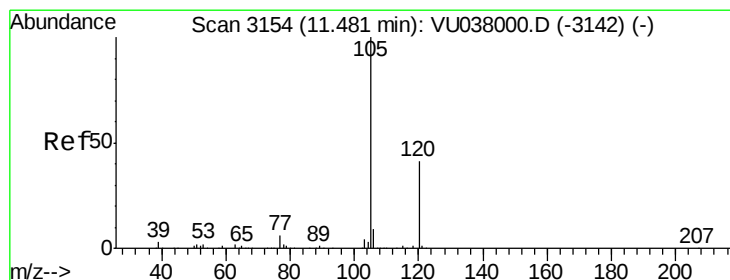
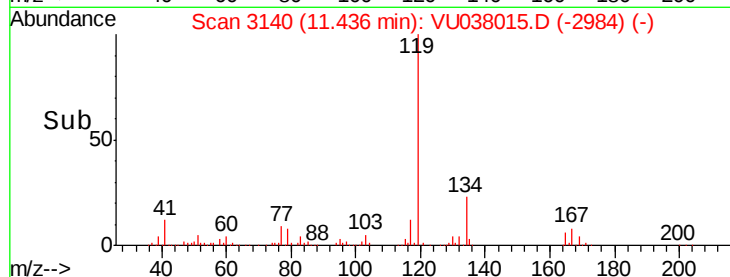
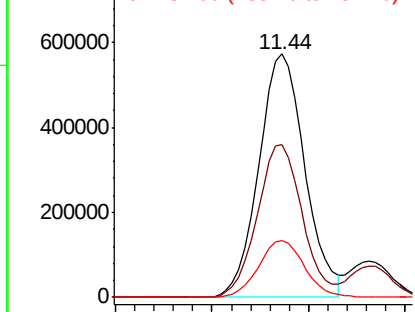
#77
tert-Butylbenzene
Concen: 9.805 ug/l
RT: 11.44 min Scan# 3140
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:119 Resp: 949654
Ion Ratio Lower Upper
119 100
91 61.6 30.1 90.5
134 23.5 19.0 28.6

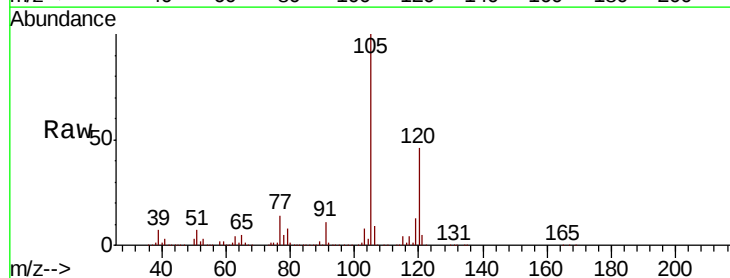


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU
Ion 134.00 (133.70 to 134.70): V

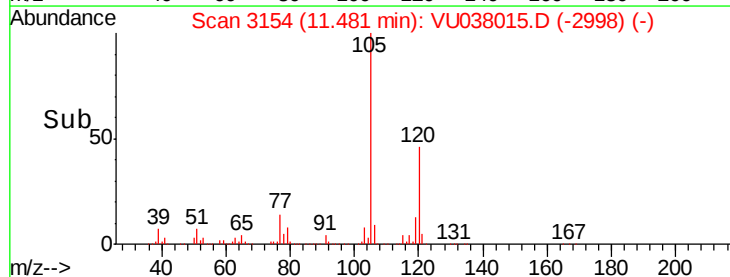
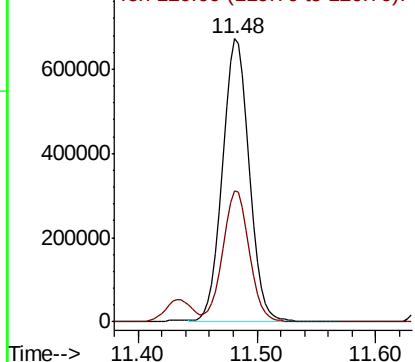


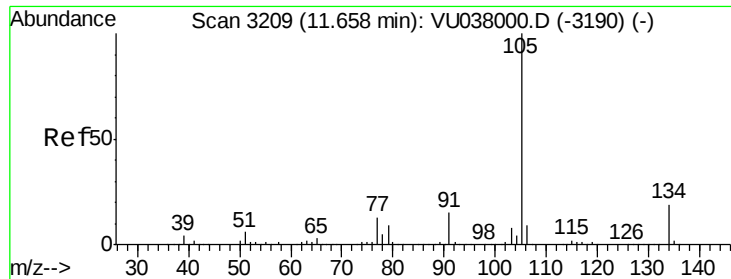
#78
1,2,4-Trimethylbenzene
Concen: 9.981 ug/l
RT: 11.48 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion:105 Resp: 1045749
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

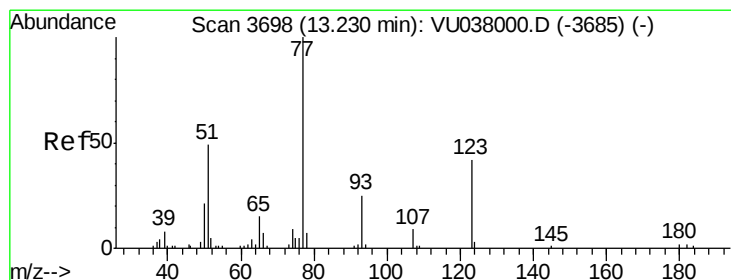
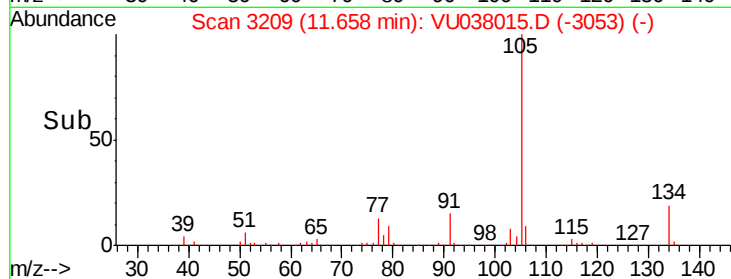
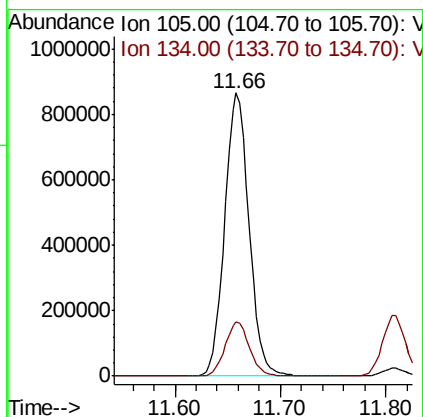
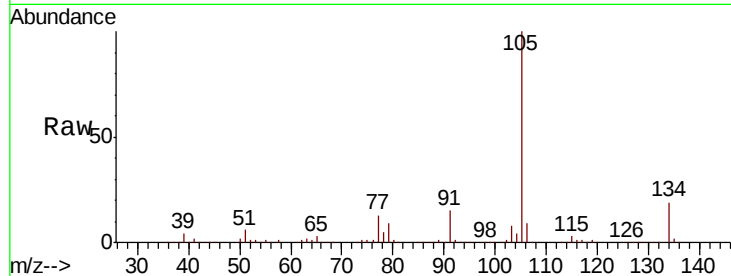




#79
 sec-Butylbenzene
 Concen: 9.941 ug/l
 RT: 11.66 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

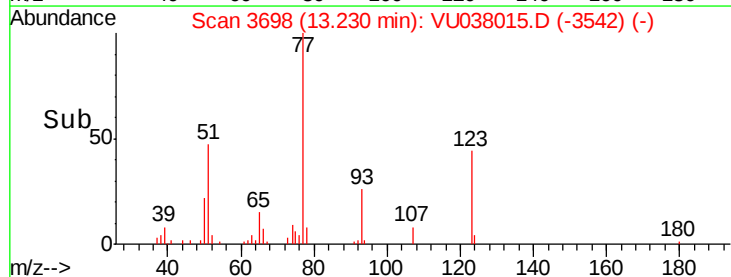
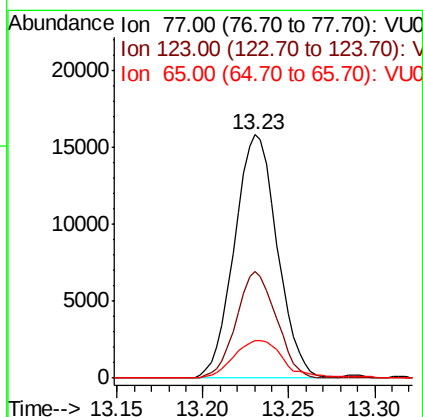
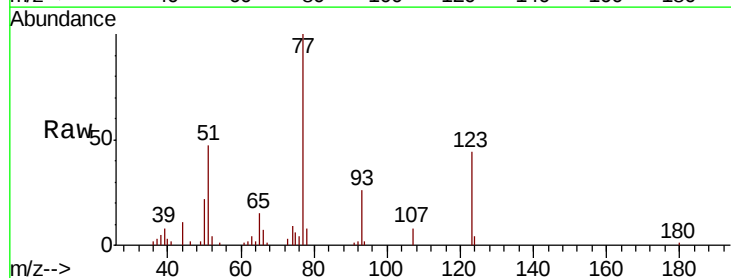
Instrument :
 MSVOA_U
 ClientSampled :

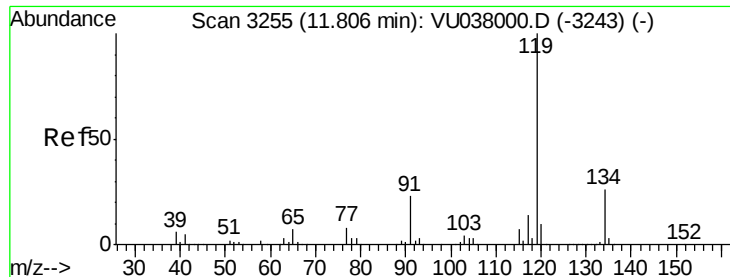
Tot Ion: 105 Resp: 1379165
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#80
 Nitrobenzene
 Concen: 38.622 ug/l
 RT: 13.23 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion: 77 Resp: 27368
 Ion Ratio Lower Upper
 77 100
 123 40.8 17.6 62.6
 65 16.6 13.2 16.8

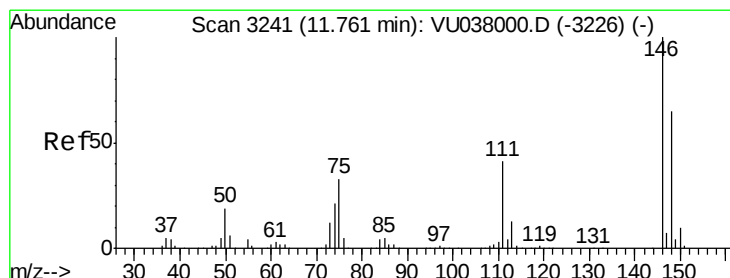
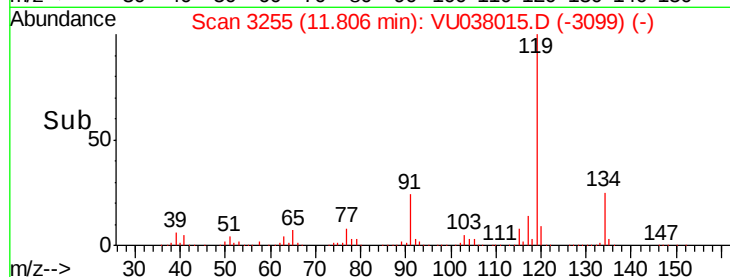
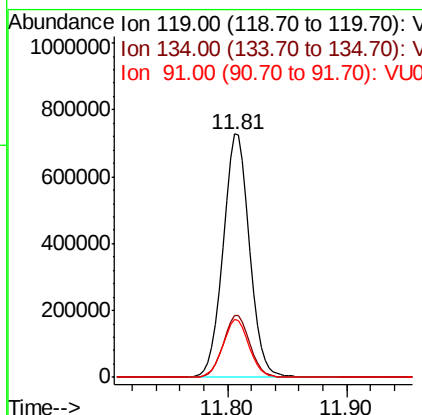
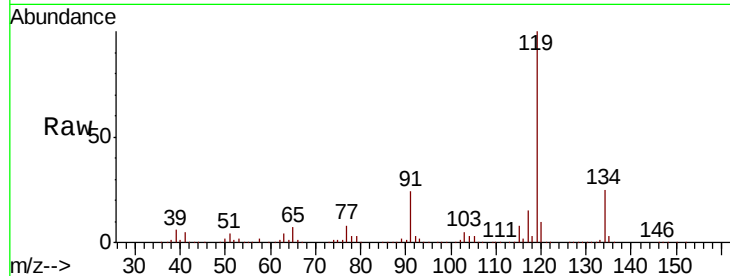




#81
 p-Isopropyltoluene
 Concen: 9.987 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

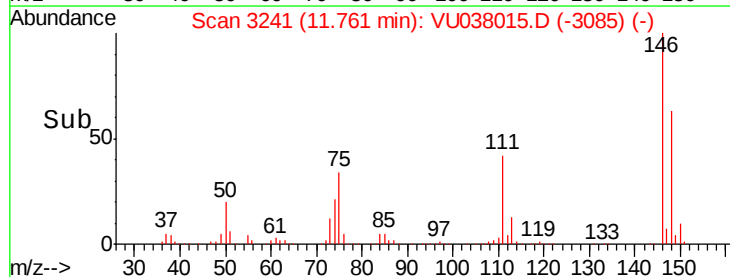
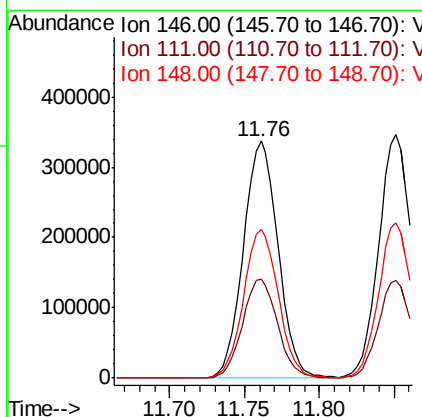
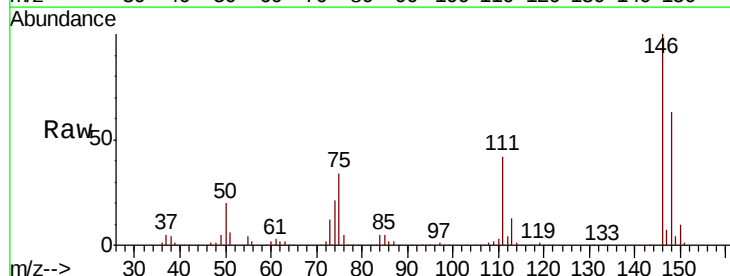
Instrument :
 MSVOA_U
 ClientSampled :

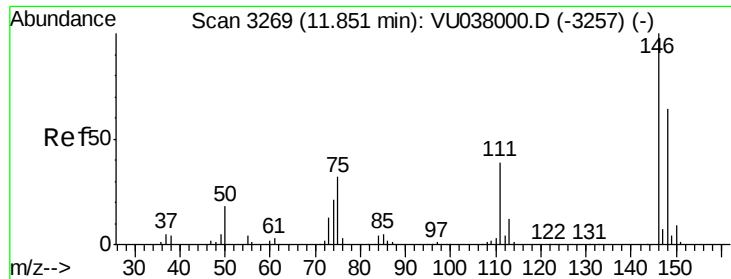
Tot Ion:119 Resp: 1118273
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.6 31.0
 91 23.7 18.6 28.0



#82
 1,3-Dichlorobenzene
 Concen: 9.578 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion:146 Resp: 544614
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.0 49.4
 148 63.1 51.4 77.2

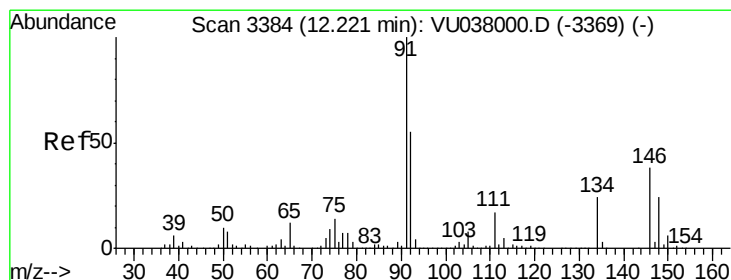
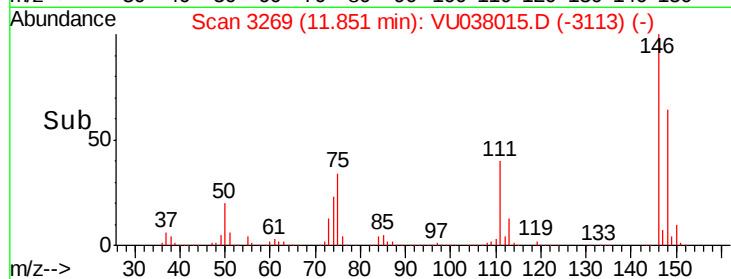
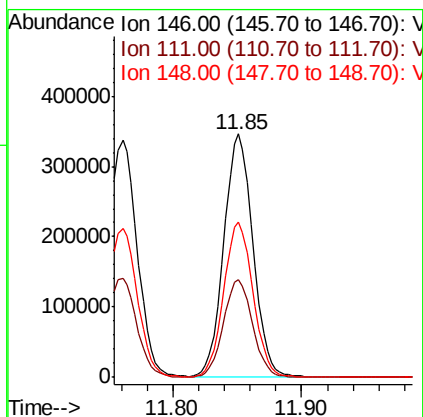
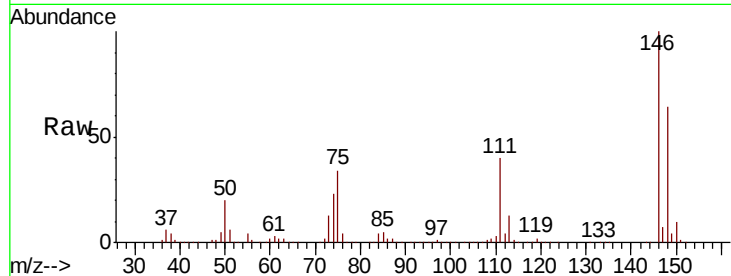




#83
 1,4-Dichlorobenzene
 Concen: 9.428 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

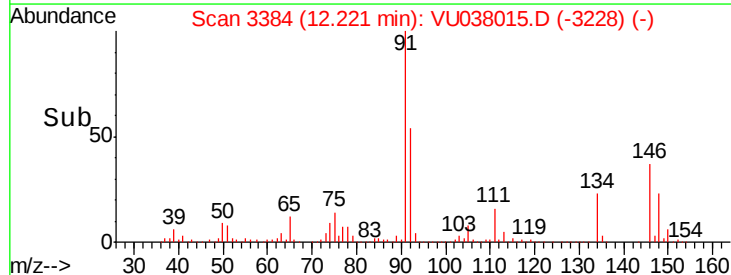
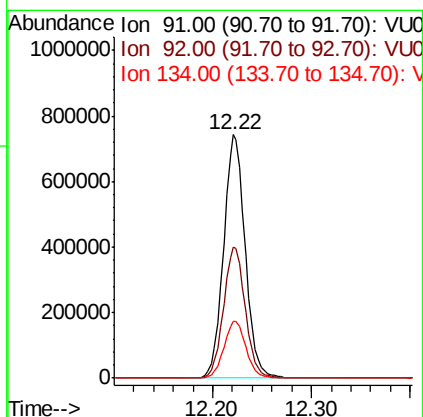
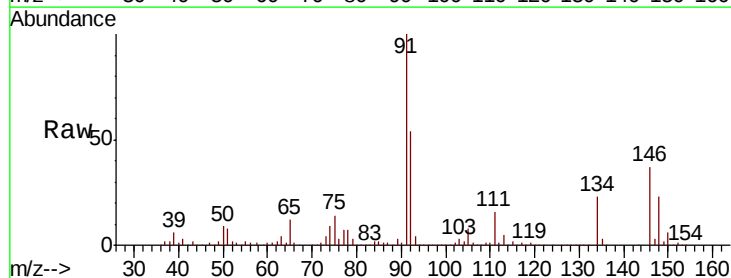
Instrument :
 MSVOA_U
 ClientSampled :

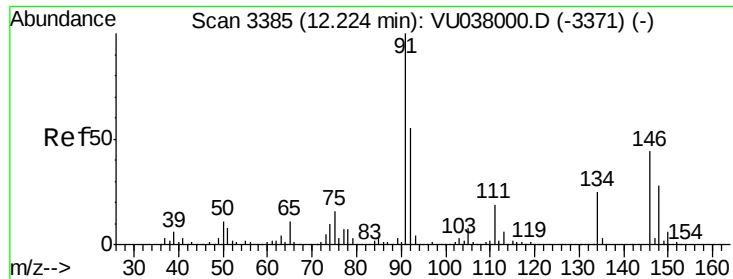
Tot Ion:146 Resp: 542703
 Ion Ratio Lower Upper
 146 100
 111 40.1 31.8 47.6
 148 64.0 51.2 76.8



#84
 n-Butylbenzene
 Concen: 10.210 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion: 91 Resp: 1141373
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.8 65.6
 134 23.9 19.4 29.2

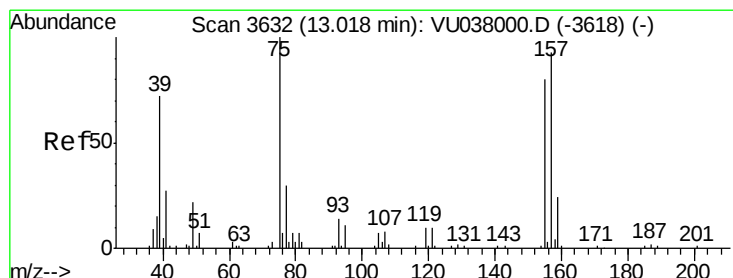
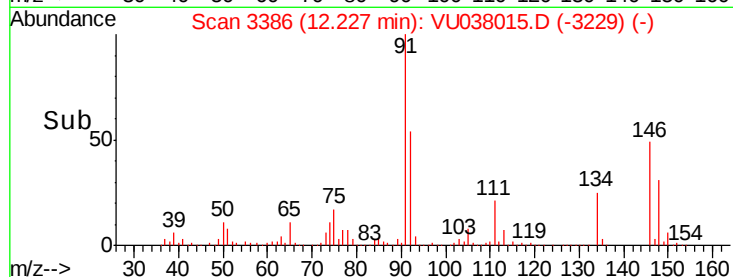
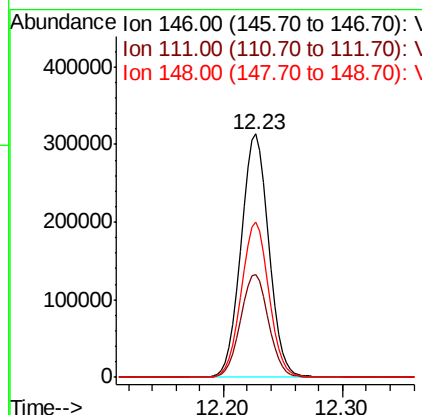
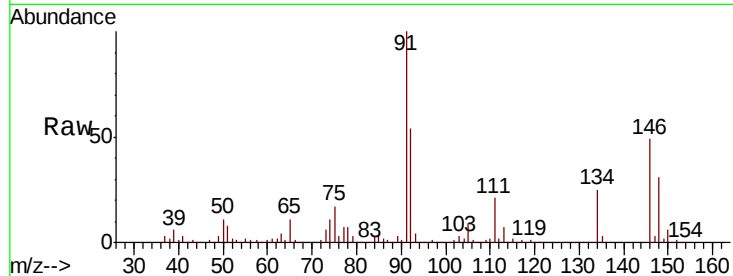




#85
 1,2-Dichlorobenzene
 Concen: 9.584 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

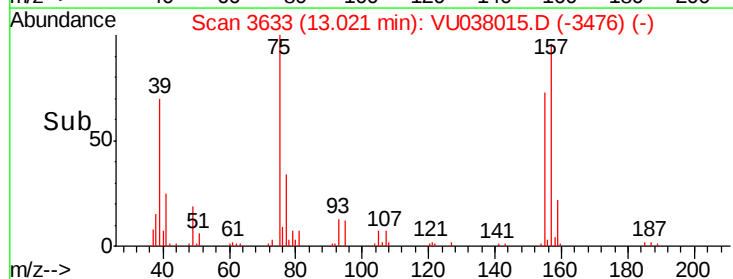
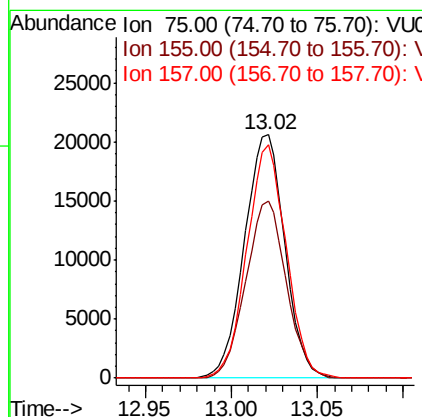
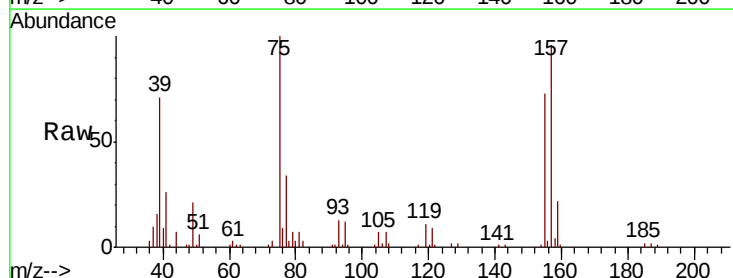
Instrument :
 MSVOA_U
 ClientSampleId :

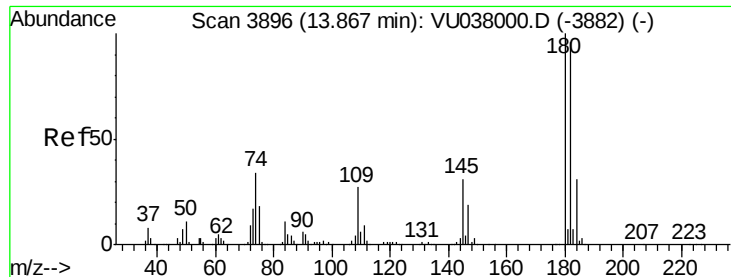
Tot Ion:146 Resp: 507231
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.9 65.8
 148 63.6 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 8.932 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion: 75 Resp: 33616
 Ion Ratio Lower Upper
 75 100
 155 72.8 60.9 91.3
 157 93.2 78.1 117.1

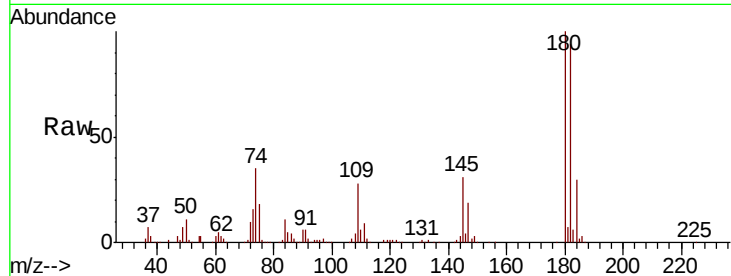




#87
 1,2,4-Trichlorobenzene
 Concen: 9.345 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.9	115.3
145	30.8	24.7	37.1

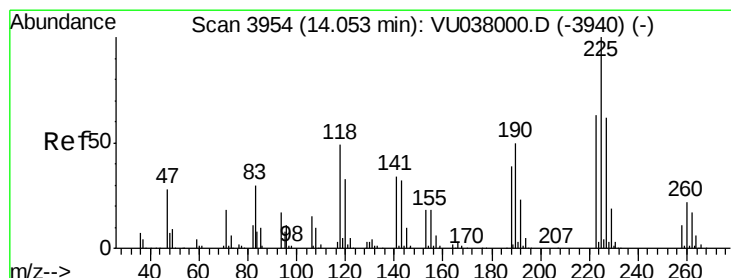
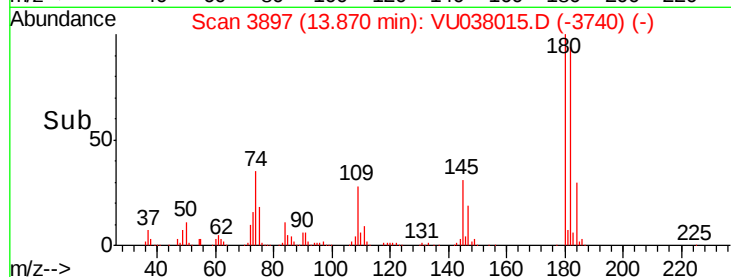
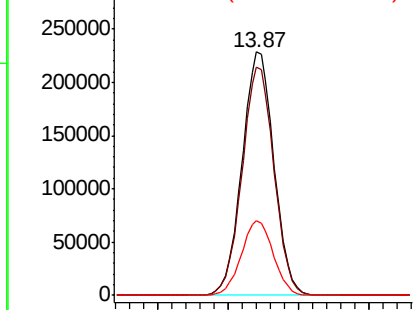


Abundance

Ion 179.70 (179.40 to 180.40): V

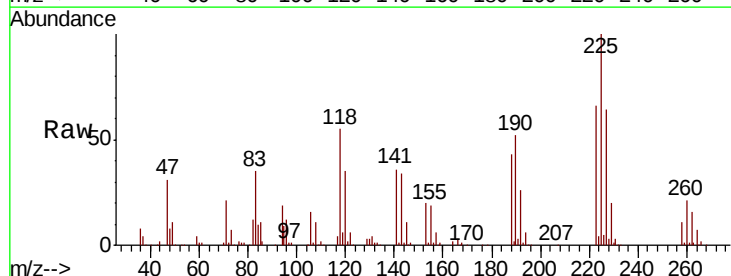
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88
 Hexachlorobutadiene
 Concen: 8.917 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.3	76.9
227	63.1	49.2	73.8

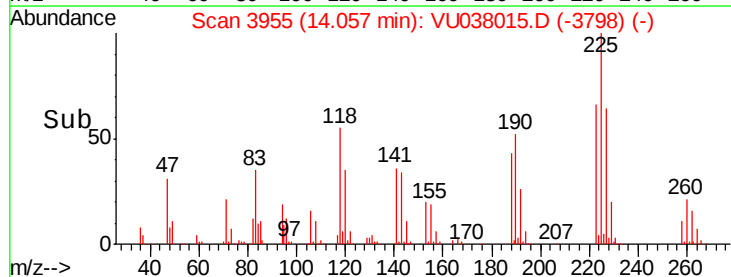
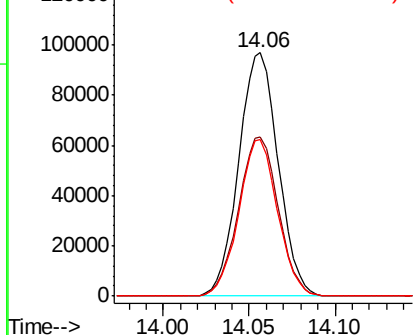


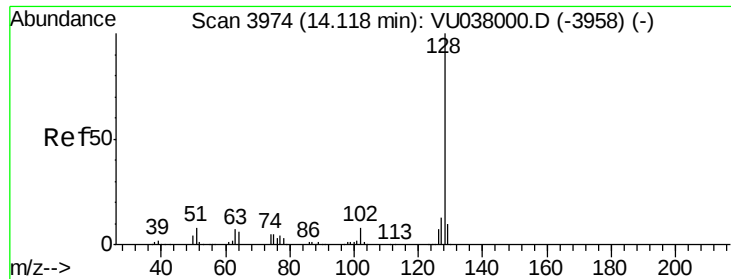
Abundance

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

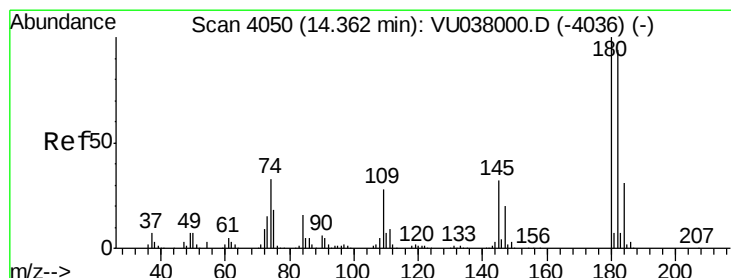
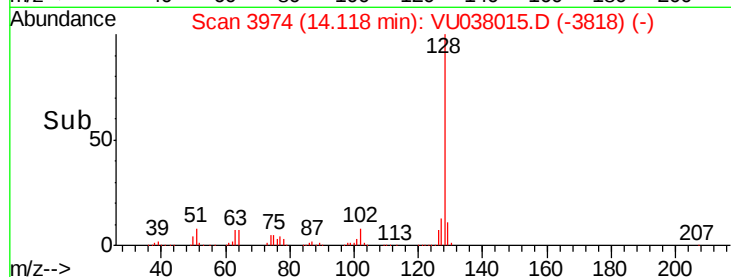
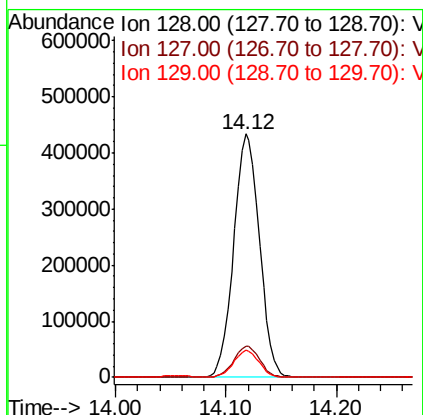
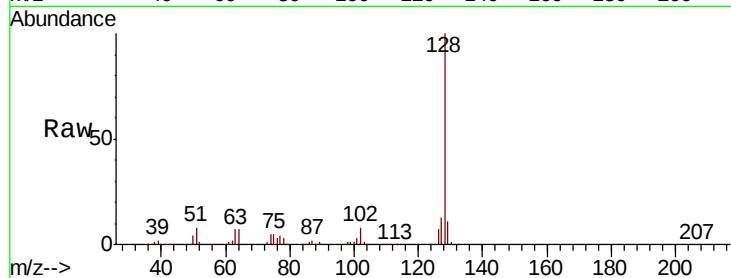




#89
Naphthalene
Concen: 9.424 ug/l
RT: 14.12 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 9.350 ug/l
RT: 14.37 min Scan# 4051
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	33.4	26.0	39.0

