

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
 Data File : VU038013.D
 Acq On : 05 May 2020 13:14
 Operator : JC/MD
 Sample : VU0505WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 06 00:57:26 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	6.14	96	84137	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	31581	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	30638	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	59593	2.087	ug/l 99
3) Chloromethane	1.54	50	67096	1.984	ug/l 99
4) Vinyl Chloride	1.62	62	68764	2.042	ug/l 99
5) Bromomethane	1.87	94	36850	1.824	ug/l 100
6) Chloroethane	1.95	64	40437	2.010	ug/l 99
7) Trichlorofluoromethane	2.16	101	72208	2.057	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	45055	2.058	ug/l 97
9) 1,1-Dichloroethene	2.60	96	44878	2.042	ug/l 94
10) Iodomethane	2.75	142	25765	2.114	ug/l 98
11) Allyl Chloride	2.95	41	81232	1.993	ug/l 96
12) Acrylonitrile	3.35	53	23636	3.935	ug/l 96
13) Acetone	2.66	43	48236	10.038	ug/l 100
14) Carbon Disulfide	2.82	76	157894	1.968	ug/l 100
15) Methylene Chloride	3.08	84	68867	2.424	ug/l 98
16) trans-1,2-Dichloroethene	3.38	96	49355	2.052	ug/l 99
17) 1,1-Dichloroethane	3.91	63	94218	2.066	ug/l 99
18) 2-Butanone	4.76	43	72415	10.051	ug/l 99
19) Cyclohexane	5.42	56	78866	1.783	ug/l 91
20) Methylcyclohexane	6.79	83	85513	1.972	ug/l 99
21) 2,2-Dichloropropane	4.70	77	74328	1.950	ug/l 99
22) cis-1,2-Dichloroethene	4.71	96	51510	2.026	ug/l 98
23) Diethyl Ether	2.40	59	40921	2.123	ug/l 97
24) tert-Butyl Alcohol	3.23	59	39923	18.666	ug/l 99
25) Methyl tert-Butyl Ether	3.41	73	120785	2.006	ug/l 95
26) Bromochloromethane	5.01	128	20419	1.996	ug/l 97
27) Chloroform	5.13	83	86198	2.015	ug/l 97
28) 1,1,1-Trichloroethane	5.35	97	70565	2.002	ug/l 98
29) 1,1-Dichloropropene	5.56	75	71829	2.025	ug/l 98
30) Carbon Tetrachloride	5.56	117	58218	1.974	ug/l 96
31) Isopropyl Ether	4.04	45	148297	1.976	ug/l 99
32) Ethyl-t-butyl ether	4.55	59	130079	1.919	ug/l 99
33) Tert-Amyl methyl ether	5.98	73	110093	1.885	ug/l 98
34) Propionitrile	4.82	54	20078	9.734	ug/l 96
35) Benzene	5.81	78	203706	2.052	ug/l 100
36) 1,2-Dichloroethane	5.83	62	60766	2.069	ug/l 99
37) Trichloroethene	6.57	130	52662	2.021	ug/l 98
38) 1,2-Dichloropropane	6.82	63	54365	2.035	ug/l 97
39) Methacrylonitrile	5.02	41	18795	1.945	ug/l 98
40) Methyl acrylate	4.89	55	27146	1.907	ug/l # 96
41) Tetrahydrofuran	5.11	42	19121	3.967	ug/l 98
42) 1-Chlorobutane	5.49	56	103538	2.026	ug/l 99

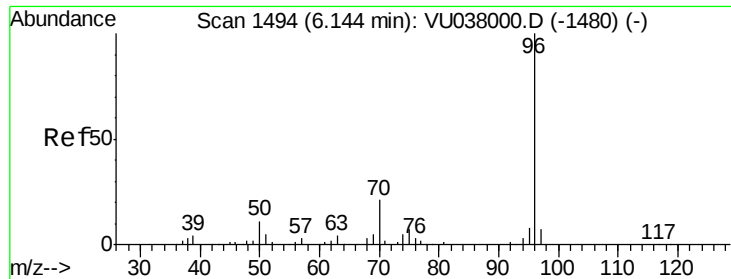
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050520\
 Data File : VU038013.D
 Acq On : 05 May 2020 13:14
 Operator : JC/MD
 Sample : VU0505WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 06 00:57:26 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)
43) Dibromomethane	6.95	93	24366	1.958	ug/l	96
44) Bromodichloromethane	7.13	83	63540	2.033	ug/l	97
45) 4-Methyl-2-Pentanone	7.82	43	158888	9.369	ug/l	98
46) t-1,4-Dichloro-2-butene	10.84	75	54364	10.367	ug/l #	37
47) Methyl methacrylate	6.99	69	46772	3.696	ug/l	99
48) Ethyl methacrylate	8.36	69	41610	1.776	ug/l	96
49) Toluene	7.99	92	125796	2.004	ug/l	98
50) t-1,3-Dichloropropene	8.23	75	57780	1.809	ug/l	94
51) cis-1,3-Dichloropropene	7.63	75	73494	1.917	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	36040	2.045	ug/l	98
53) 1,3-Dichloropropane	8.60	76	68079	2.058	ug/l	97
54) 2-Hexanone	8.71	43	108279	9.045	ug/l	99
55) Dibromochloromethane	8.83	129	36585	1.874	ug/l	99
56) 1,2-Dibromoethane	8.95	107	31540	1.897	ug/l	98
58) Tetrachloroethene	8.57	164	51618	2.122	ug/l	96
59) Chlorobenzene	9.47	112	132470	1.988	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.55	131	37822	1.869	ug/l	99
61) Pentachloroethane	11.44	117	28262	1.865	ug/l	95
62) Hexachloroethane	12.49	117	27151	1.721	ug/l	98
63) Ethyl Benzene	9.59	91	233051	1.966	ug/l	99
64) m/p-Xylenes	9.71	106	182479	3.999	ug/l	100
65) o-Xylene	10.12	106	86237	1.939	ug/l	98
66) Styrene	10.13	104	144817	1.976	ug/l	100
67) Bromoform	10.31	173	18356	1.787	ug/l #	97
69) Isopropylbenzene	10.50	105	227476	1.959	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	43689	1.935	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	54364	3.256	ug/l #	51
72) Bromobenzene	10.80	156	49365	1.903	ug/l	94
73) n-propylbenzene	10.92	120	63107	1.980	ug/l	98
74) 2-Chlorotoluene	11.00	126	53045	1.983	ug/l	98
75) 1,3,5-Trimethylbenzene	11.10	105	190193	1.978	ug/l	99
76) 4-Chlorotoluene	11.11	126	55545	1.999	ug/l	97
77) tert-Butylbenzene	11.44	119	179400	1.961	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	195277	1.973	ug/l	97
79) sec-Butylbenzene	11.66	105	258604	1.973	ug/l	99
80) Nitrobenzene	13.23	77	5035	7.521	ug/l	92
81) p-Isopropyltoluene	11.81	119	207438	1.961	ug/l	99
82) 1,3-Dichlorobenzene	11.76	146	106579	1.984	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	105962	1.949	ug/l	98
84) n-Butylbenzene	12.22	91	207152	1.961	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	100932	2.019	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	6576	1.850	ug/l	98
87) 1,2,4-Trichlorobenzene	13.87	180	66540	1.820	ug/l	99
88) Hexachlorobutadiene	14.05	225	30167	1.846	ug/l	97
89) Naphthalene	14.12	128	125166	1.781	ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	60329	1.852	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.14 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 84137

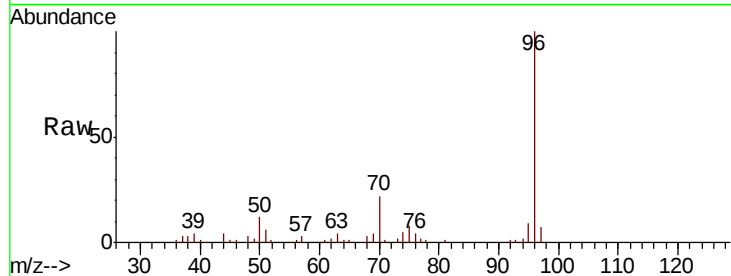
Ion Ratio Lower Upper

96 100

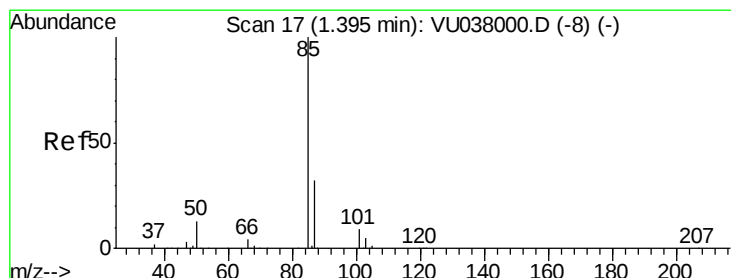
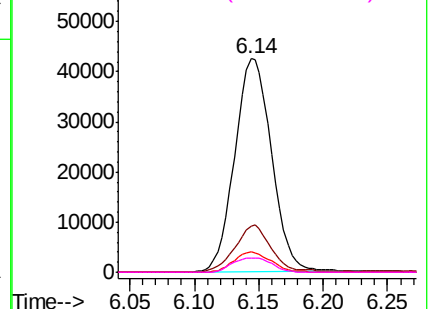
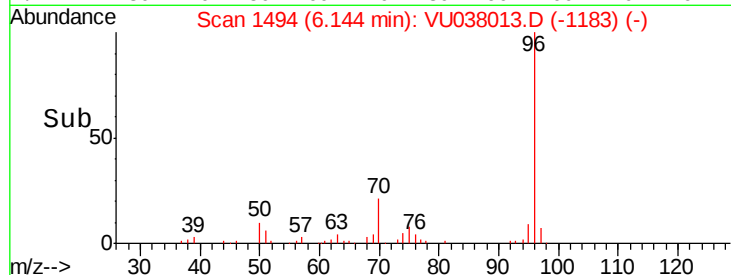
70 21.7 14.4 21.6#

95 9.6 7.1 10.7

97 7.1 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: 2.087 ug/l

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU038013.D

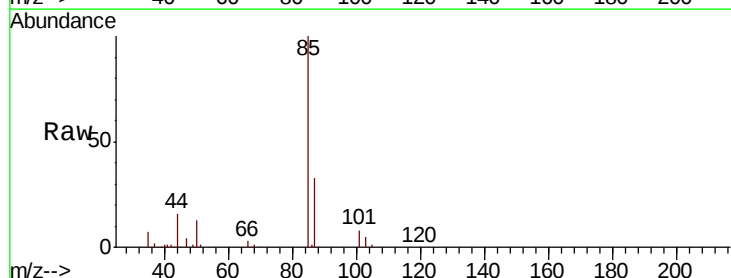
Acq: 05 May 2020 13:14

Tgt Ion: 85 Resp: 59593

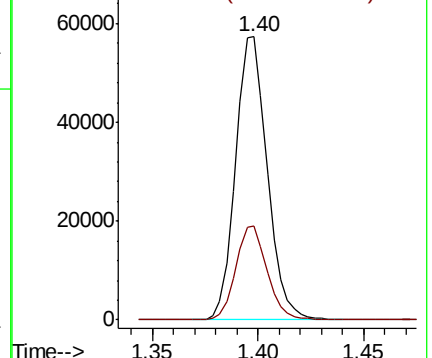
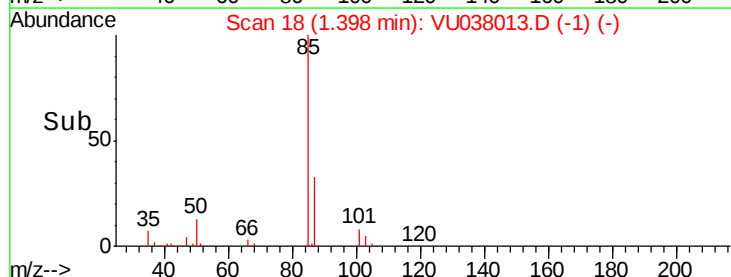
Ion Ratio Lower Upper

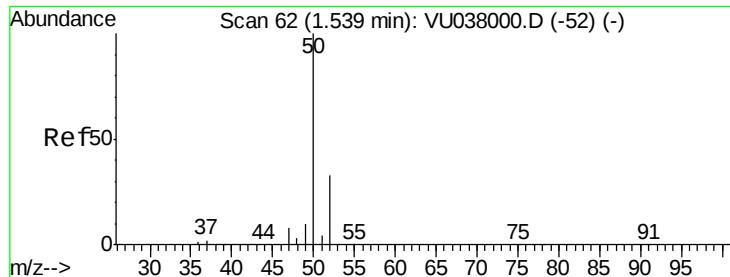
85 100

87 33.1 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: 1.984 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

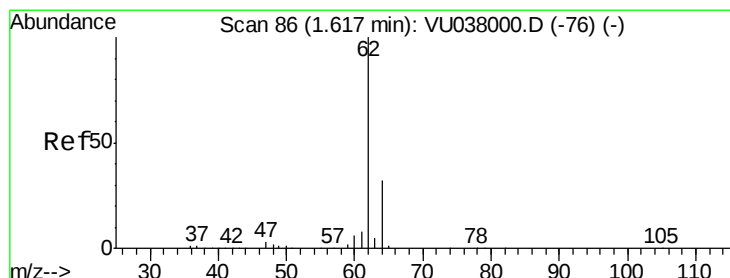
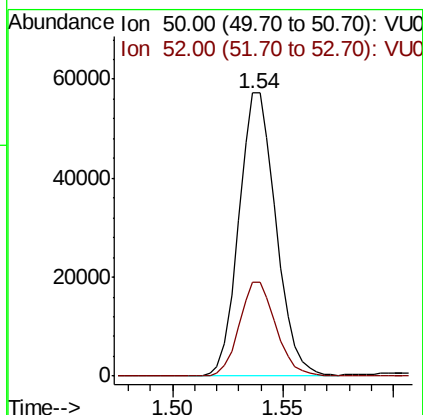
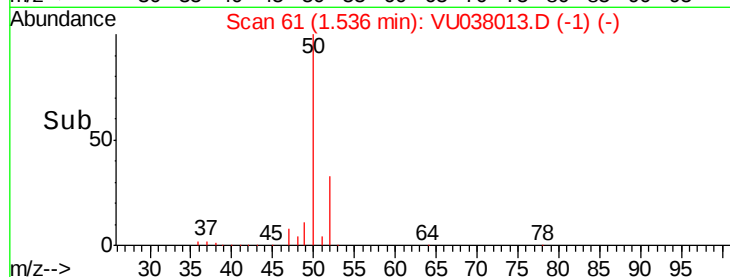
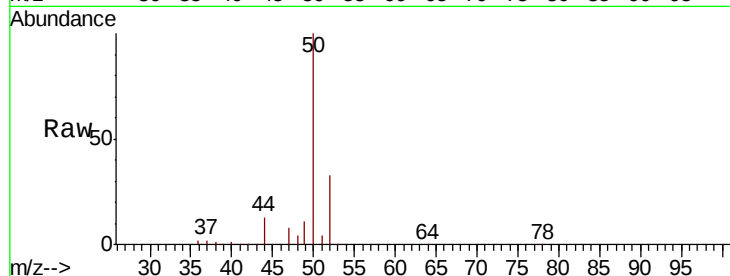
ClientSampleId :

Tot Ion: 50 Resp: 67096

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 2.042 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038013.D

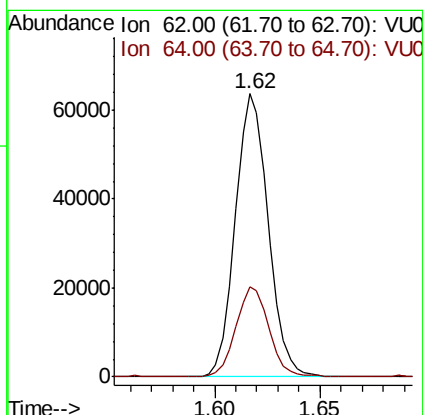
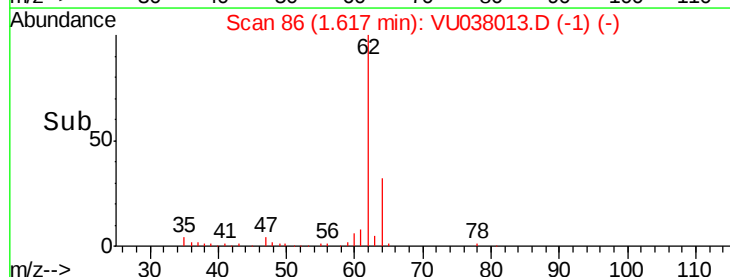
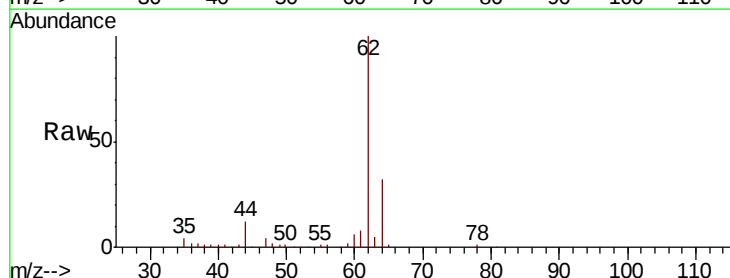
Acq: 05 May 2020 13:14

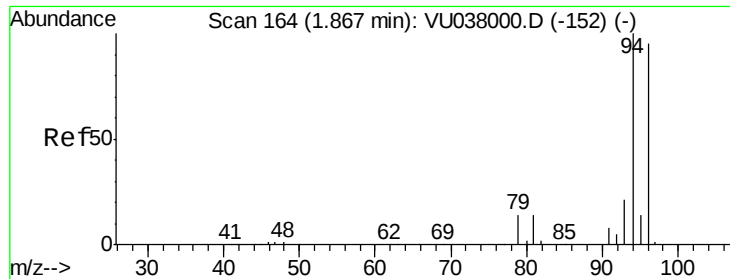
Tgt Ion: 62 Resp: 68764

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 1.824 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.01 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

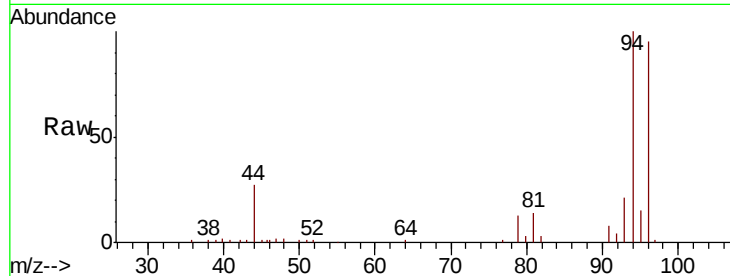
ClientSampleId :

Tot Ion: 94 Resp: 36850

Ion Ratio Lower Upper

94 100

96 94.8 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VU038013.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU038013.D (-152) (-)

1.87

30000

25000

20000

15000

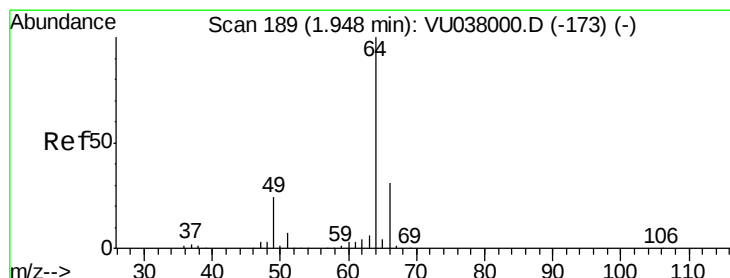
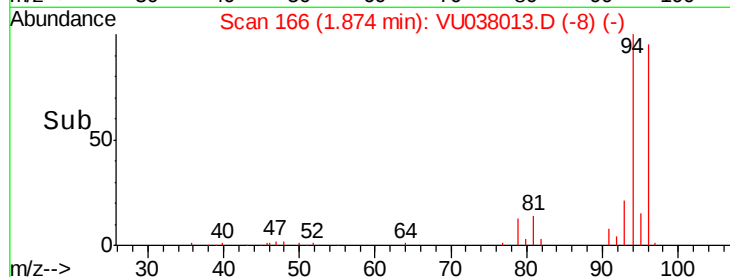
10000

5000

0

1.80 1.85 1.90 1.95

Time-->



#6

Chloroethane

Concen: 2.010 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038013.D

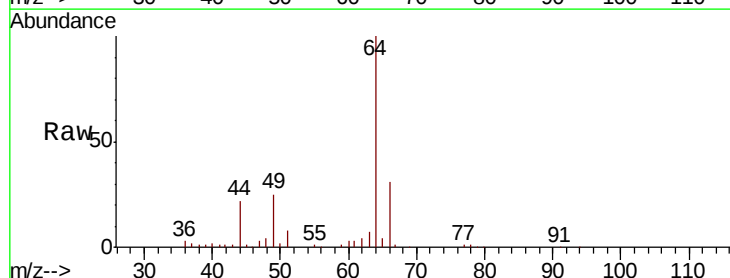
Acq: 05 May 2020 13:14

Tgt Ion: 64 Resp: 40437

Ion Ratio Lower Upper

64 100

66 31.8 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU038013.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VU038013.D (-33) (-)

1.95

30000

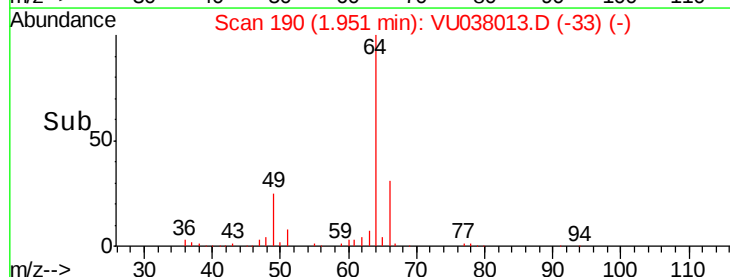
20000

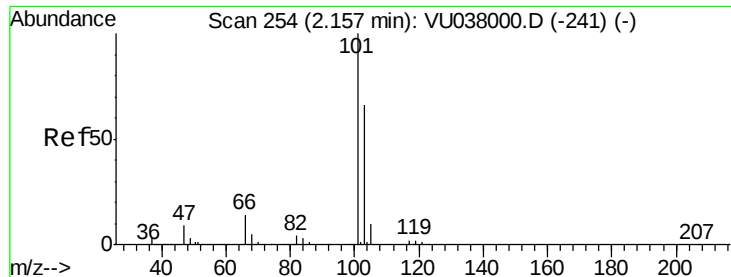
10000

0

1.90 1.95 2.00

Time-->



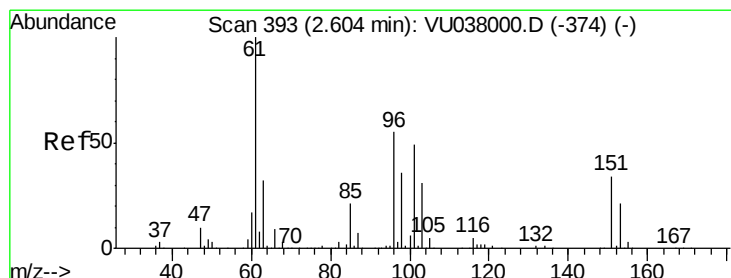
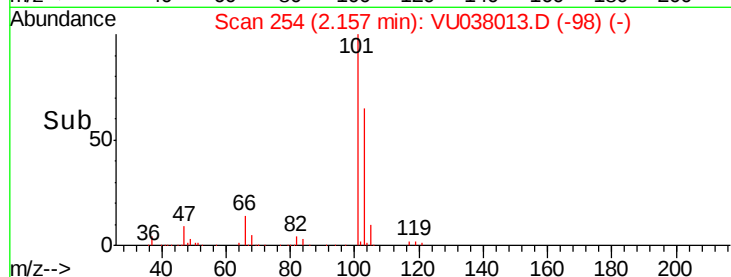
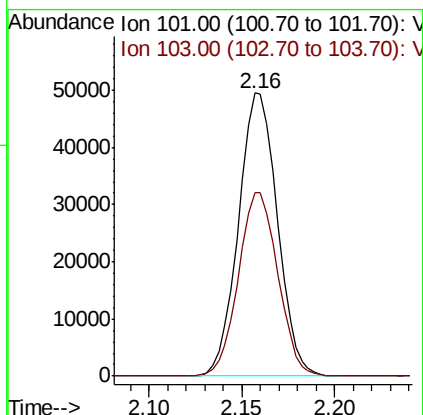
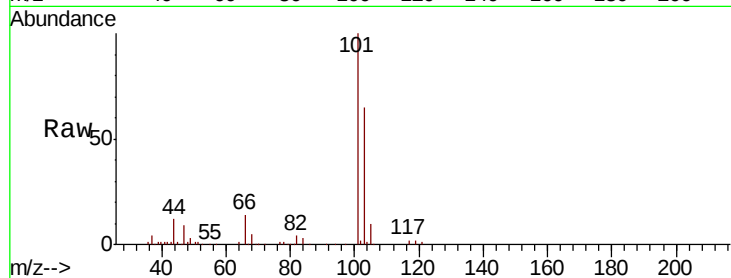


#7

Trichlorofluoromethane
 Concen: 2.057 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Instrument :
 MSVOA_U
 ClientSampled :

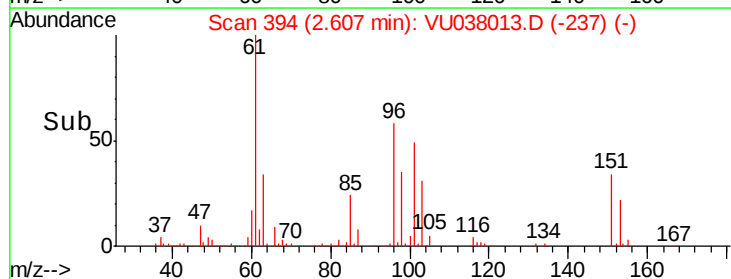
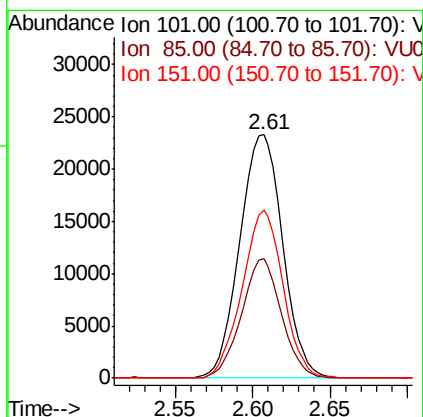
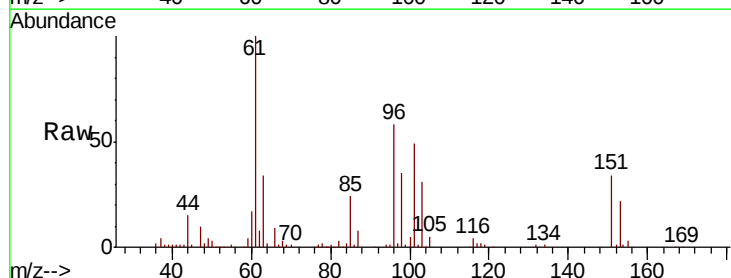
Tot Ion:101 Resp: 72208
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.6 78.8

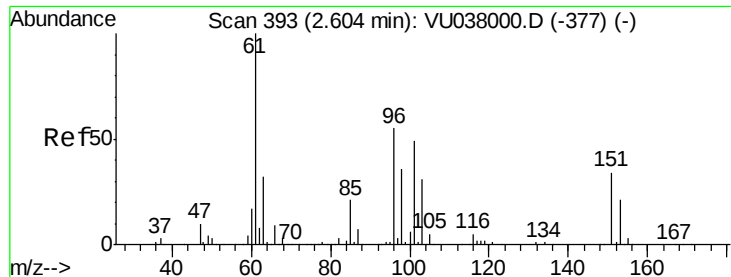


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.058 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion:101 Resp: 45055
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.5 53.3
 151 65.9 55.2 82.8





#9

1,1-Dichloroethene

Concen: 2.042 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

ClientSampleId :

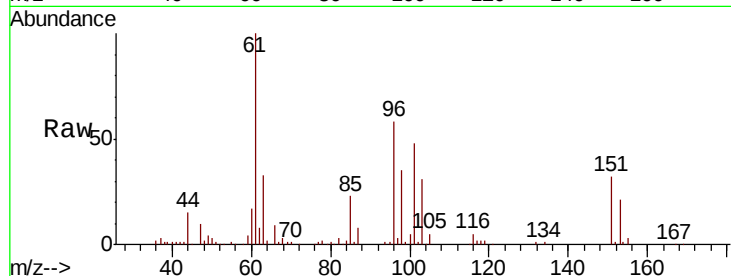
Tot Ion: 96 Resp: 44878

Ion Ratio Lower Upper

96 100

61 172.1 0.0 543.0

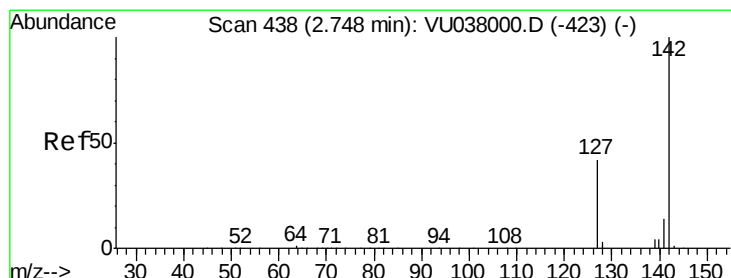
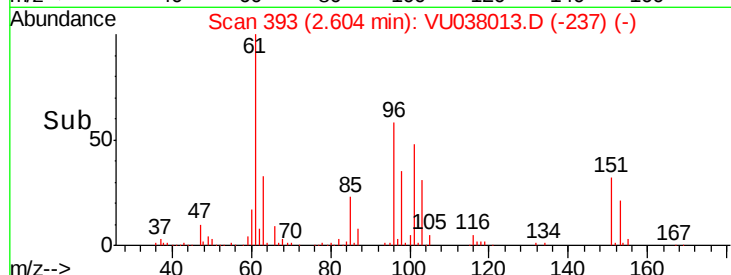
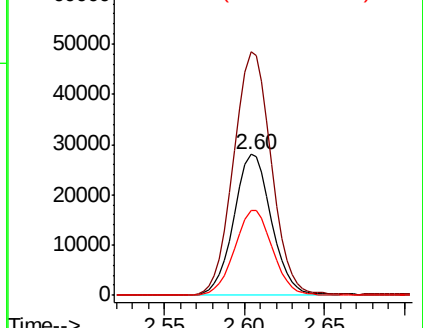
98 60.0 0.0 129.4



Abundance Ion 96.00 (95.70 to 96.70): VU038013.D (-237) (-)

Ion 61.00 (60.70 to 61.70): VU038013.D (-237) (-)

Ion 98.00 (97.70 to 98.70): VU038013.D (-237) (-)



#10

Iodomethane

Concen: 2.114 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU038013.D

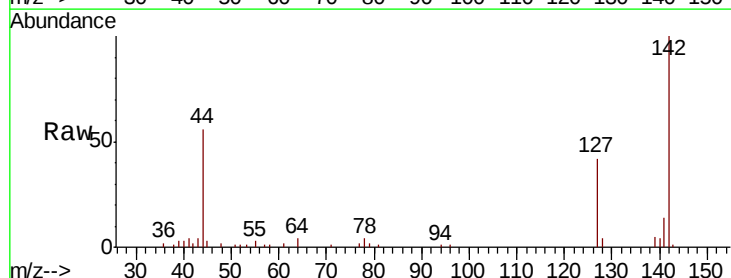
Acq: 05 May 2020 13:14

Tgt Ion: 142 Resp: 25765

Ion Ratio Lower Upper

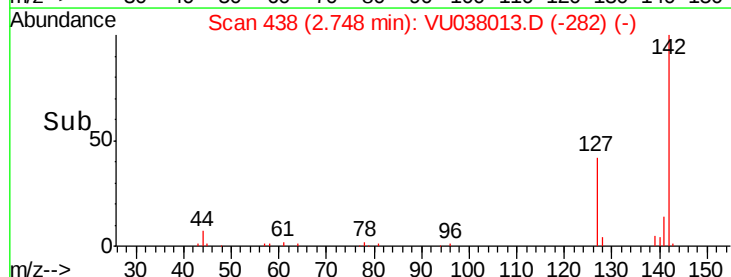
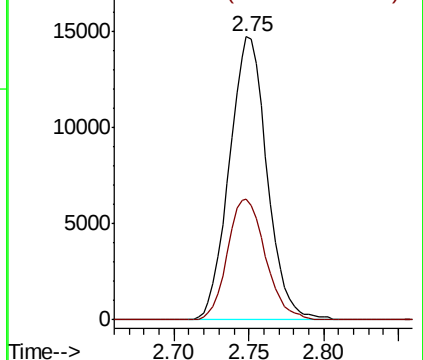
142 100

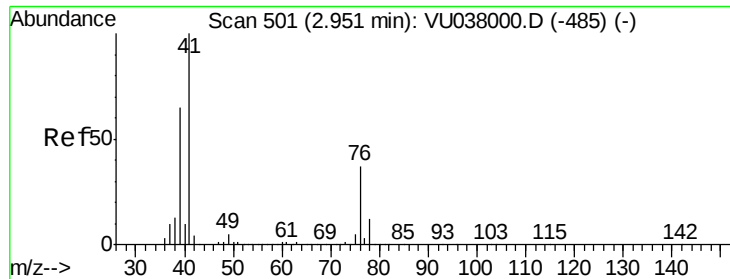
127 43.0 33.5 50.3



Abundance Ion 142.00 (141.70 to 142.70): VU038013.D (-282) (-)

Ion 127.00 (126.70 to 127.70): VU038013.D (-282) (-)

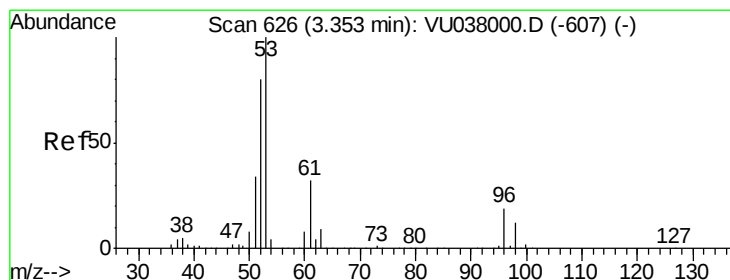
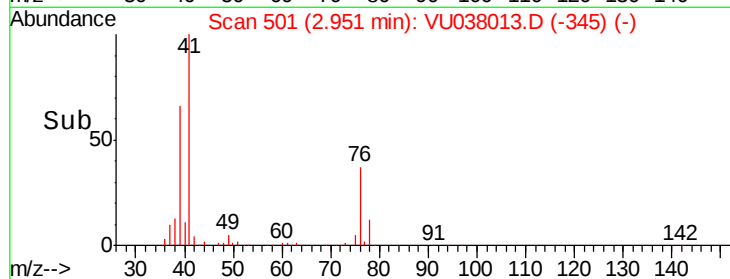
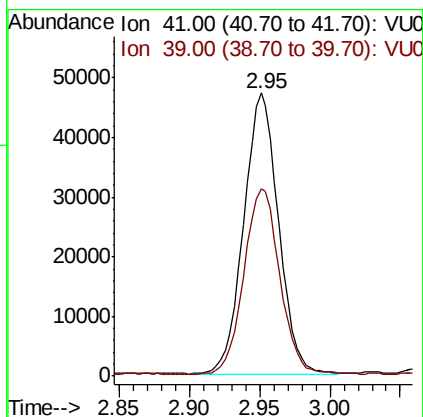
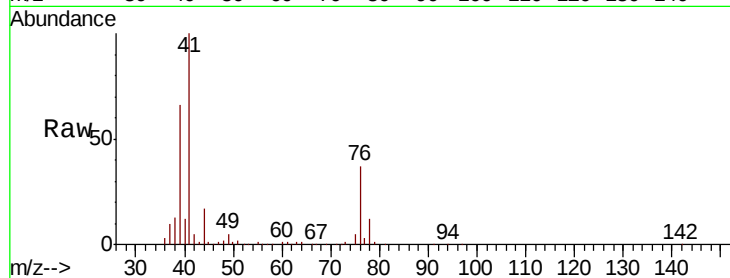




#11
Allvl Chloride
Concen: 1.993 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

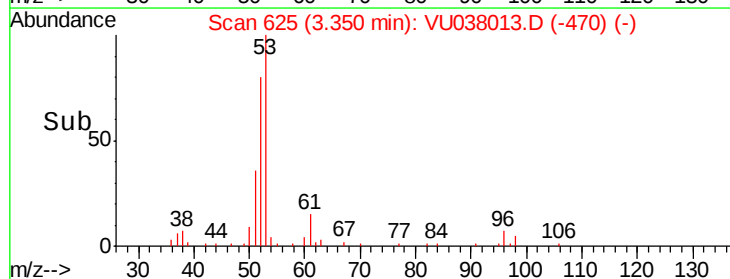
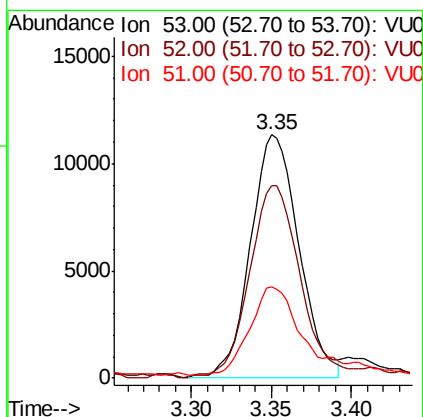
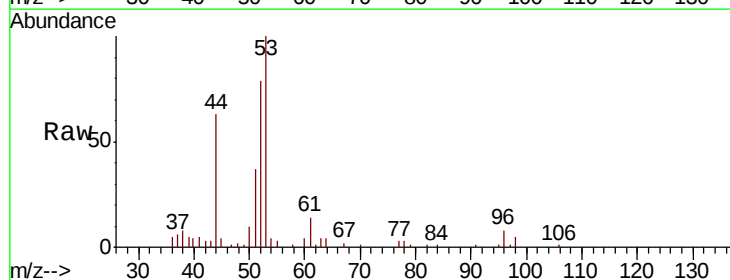
Instrument :
MSVOA_U
ClientSampled :

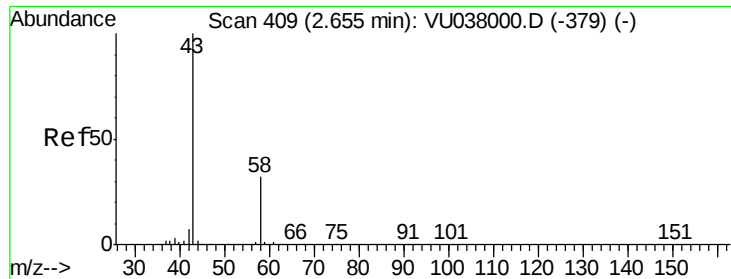
Tot Ion: 41 Resp: 81232
Ion Ratio Lower Upper
41 100
39 68.1 51.7 77.5



#12
Acrylonitrile
Concen: 3.935 ug/l
RT: 3.35 min Scan# 625
Delta R.T. -0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 53 Resp: 23636
Ion Ratio Lower Upper
53 100
52 83.3 63.3 94.9
51 38.5 30.2 45.2





#13

Acetone

Concen: 10.038 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

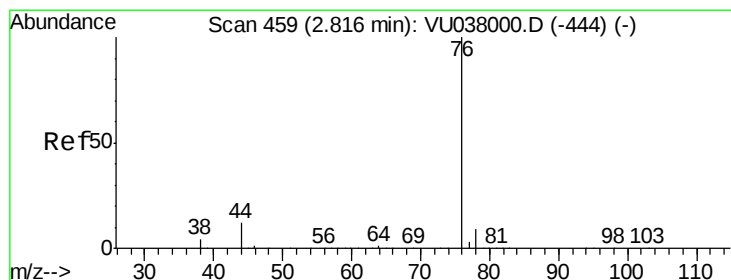
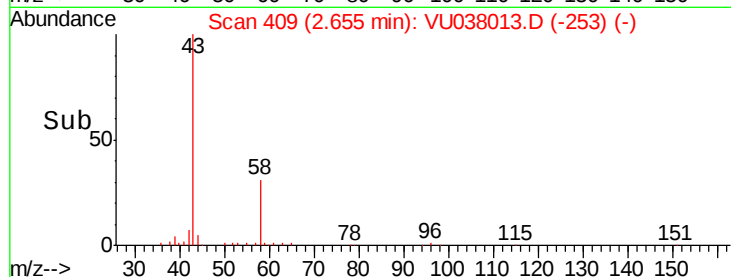
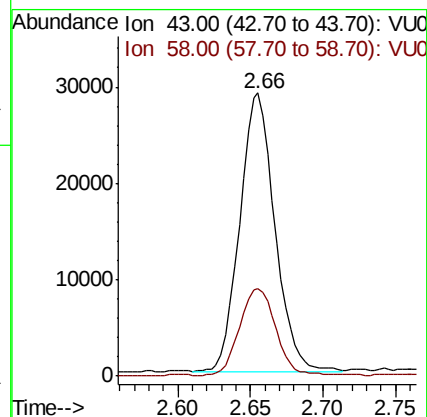
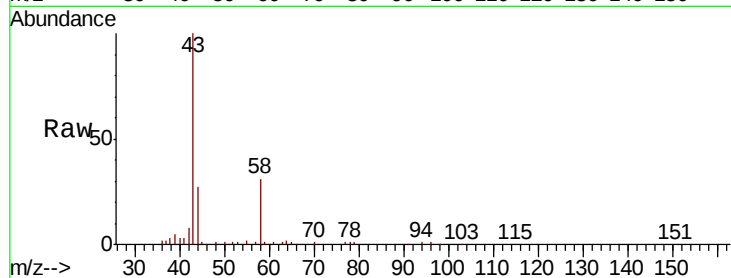
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 48236

Ion Ratio Lower Upper

43 100

58 31.6 25.2 37.8



#14

Carbon Disulfide

Concen: 1.968 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU038013.D

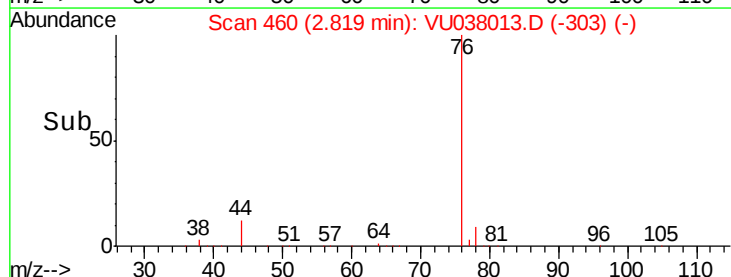
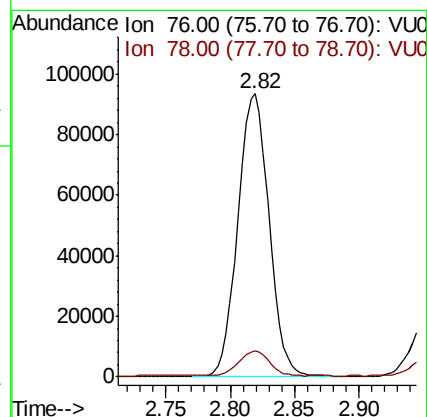
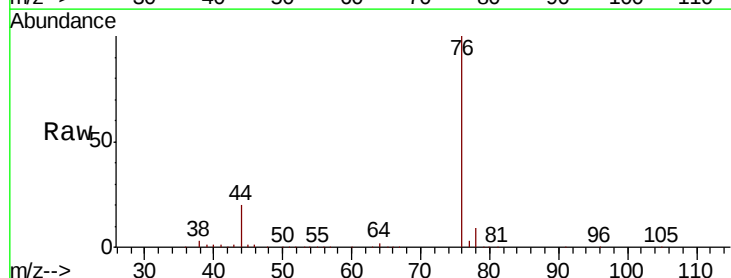
Acq: 05 May 2020 13:14

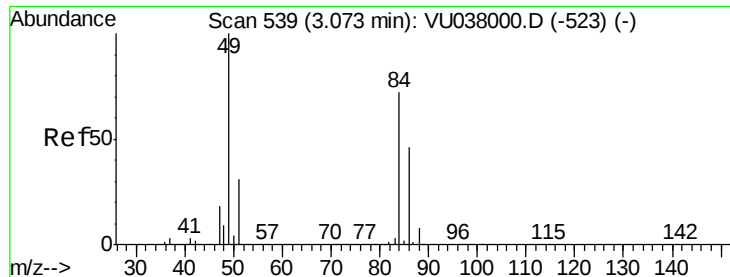
Tgt Ion: 76 Resp: 157894

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

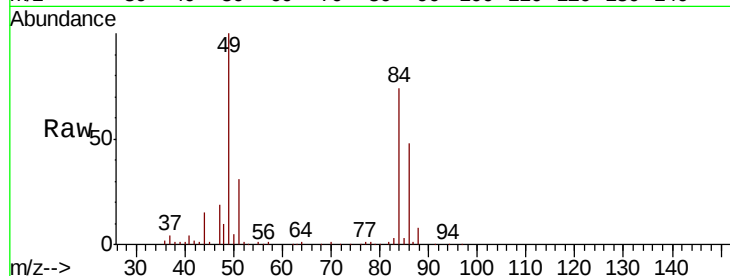




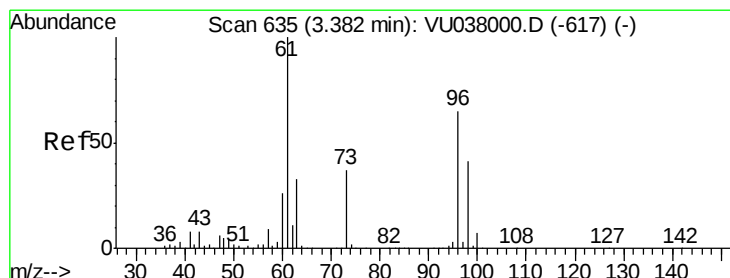
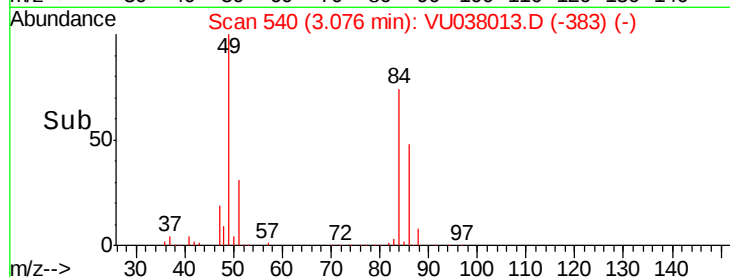
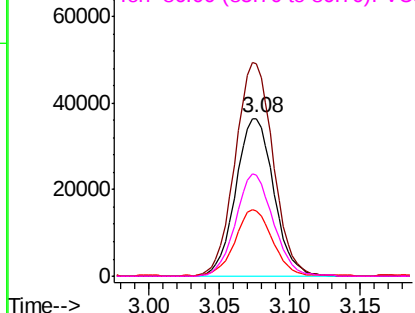
#15
Methylene Chloride
Concen: 2.424 ug/l
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	84	Resp:	68867
Ion	Ratio	Lower	Upper
84	100		
49	134.7	110.6	166.0
51	41.3	0.0	85.4
86	64.4	50.9	76.3

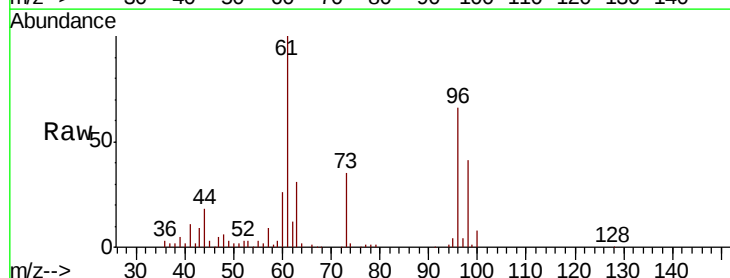


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

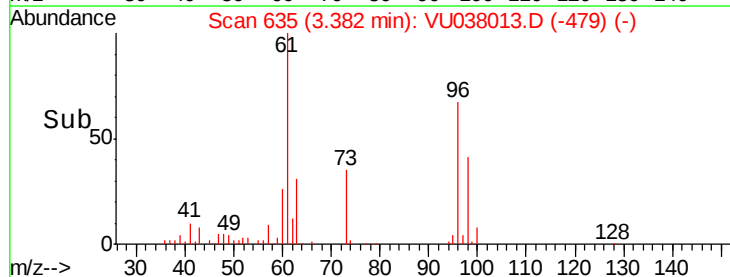
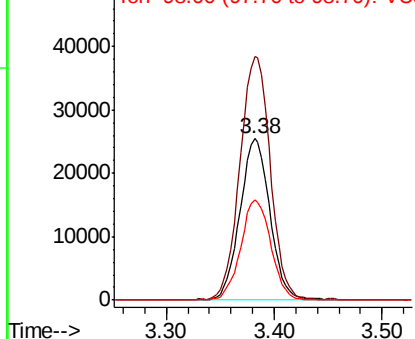


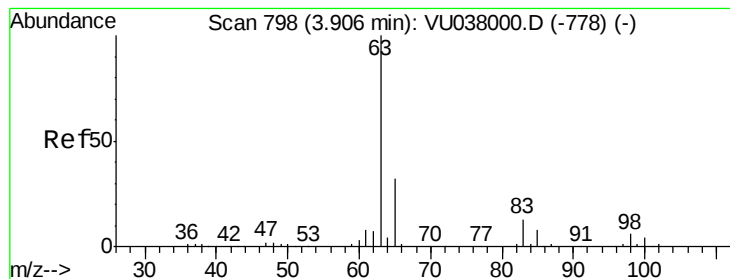
#16
trans-1,2-Dichloroethene
Concen: 2.052 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion:	96	Resp:	49355
Ion	Ratio	Lower	Upper
96	100		
61	151.0	122.4	183.6
98	62.2	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: 2.066 ug/l

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

ClientSampled :

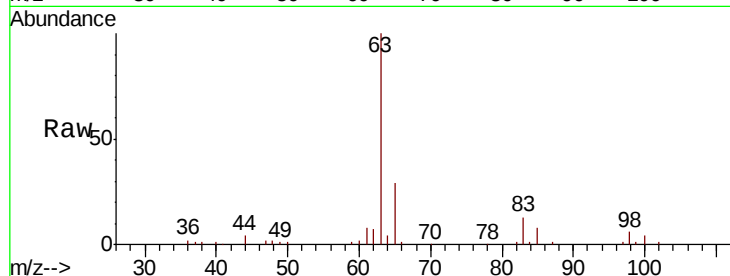
Tot Ion: 63 Resp: 94218

Ion Ratio Lower Upper

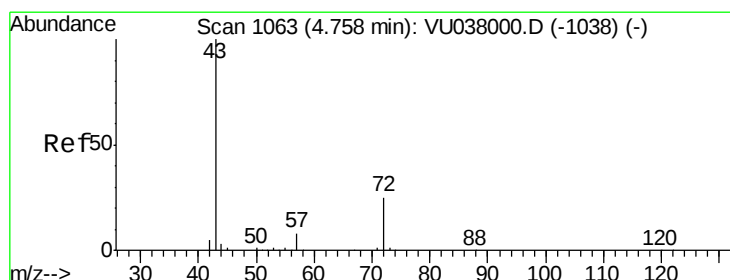
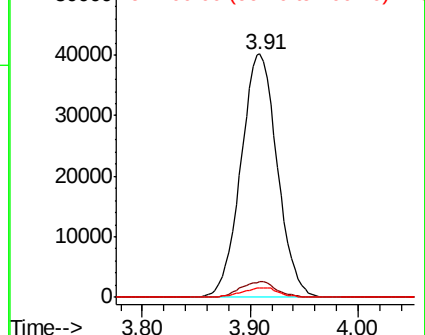
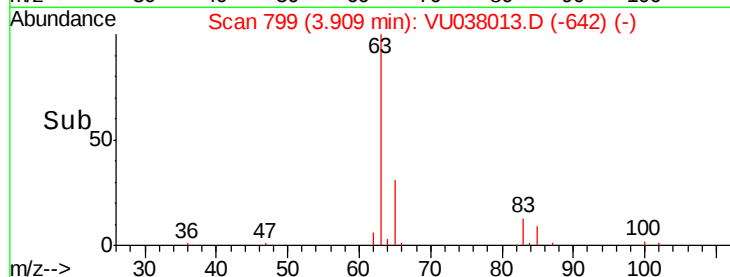
63 100

98 6.3 3.1 9.4

100 3.7 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VU038013.D (-642) (-)



#18

2-Butanone

Concen: 10.051 ug/l

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU038013.D

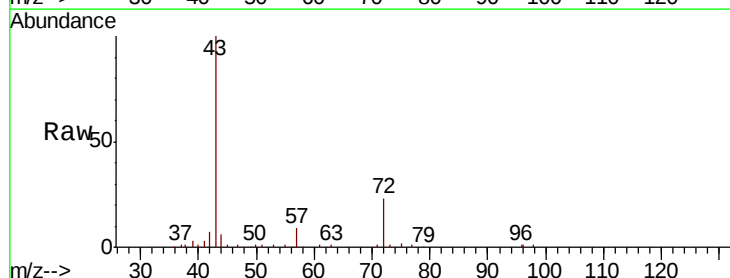
Acq: 05 May 2020 13:14

Tgt Ion: 43 Resp: 72415

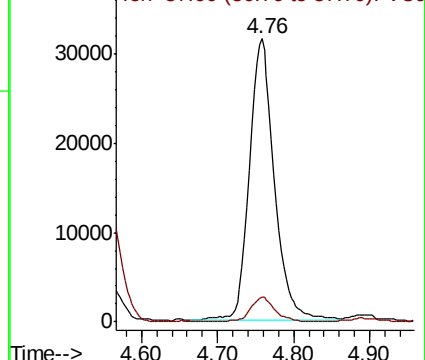
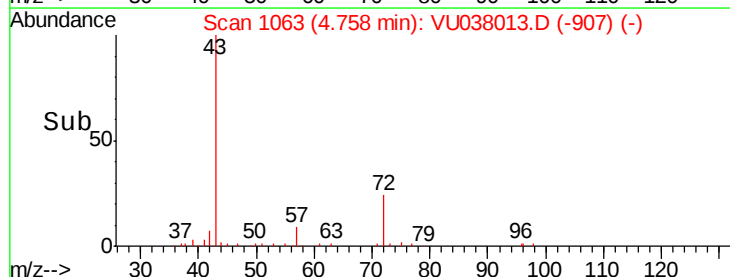
Ion Ratio Lower Upper

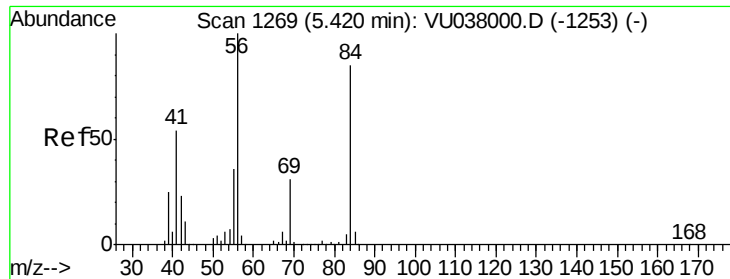
43 100

57 8.8 0.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VU038013.D (-907) (-)

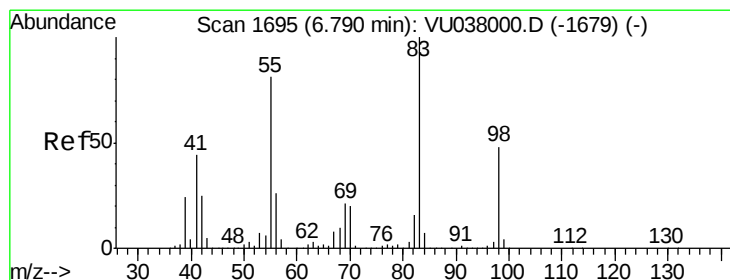
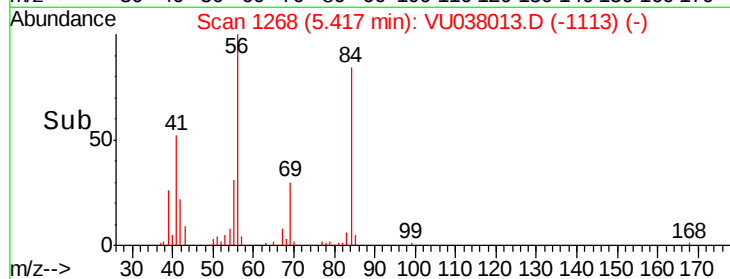
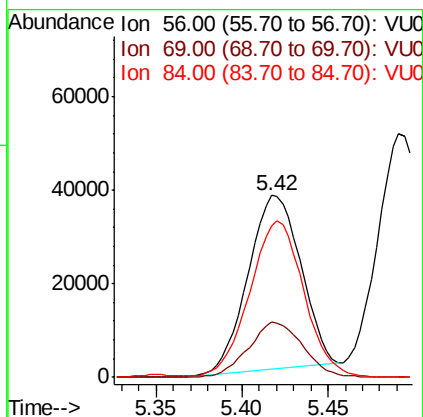
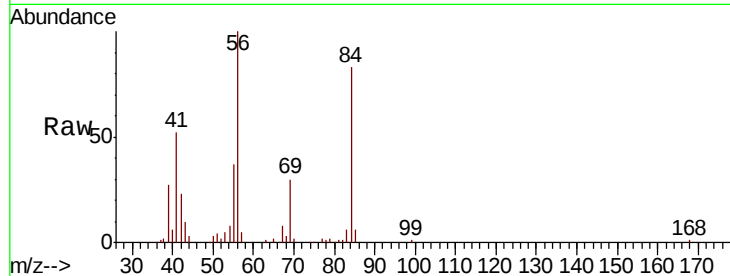




#19
Cyclohexane
Concen: 1.783 ug/l
RT: 5.42 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

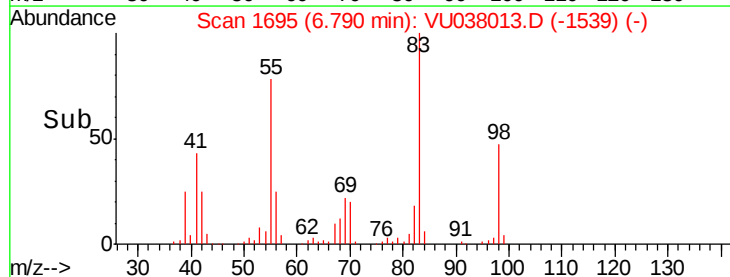
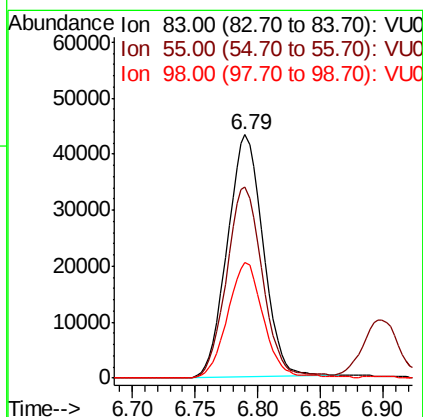
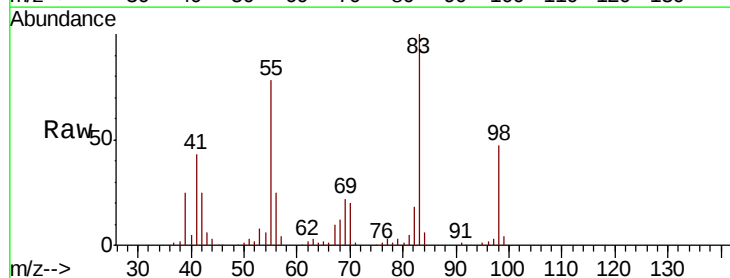
Instrument :
MSVOA_U
ClientSampleId :

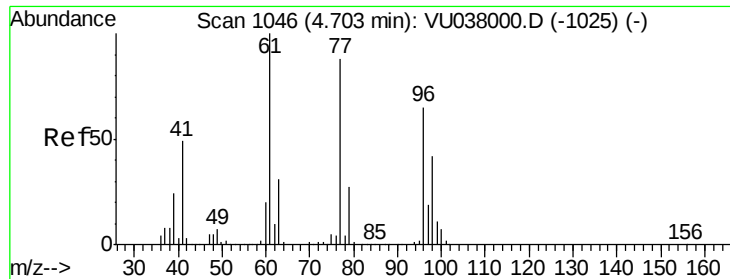
Tot Ion: 56 Resp: 78866
Ion Ratio Lower Upper
56 100
69 32.9 24.3 36.5
84 91.9 66.3 99.5



#20
Methylcyclohexane
Concen: 1.972 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 83 Resp: 85513
Ion Ratio Lower Upper
83 100
55 77.7 61.5 92.3
98 47.5 37.3 55.9





#21

2,2-Dichloropropane

Concen: 1.950 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

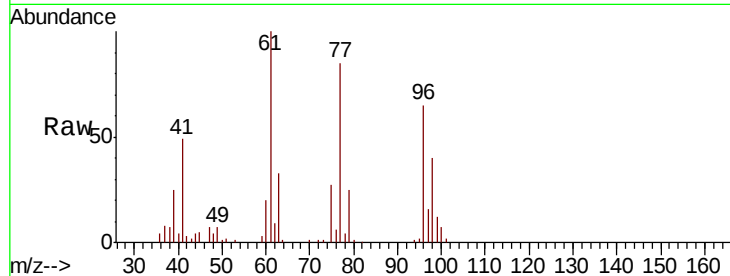
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 77 Resp: 74328

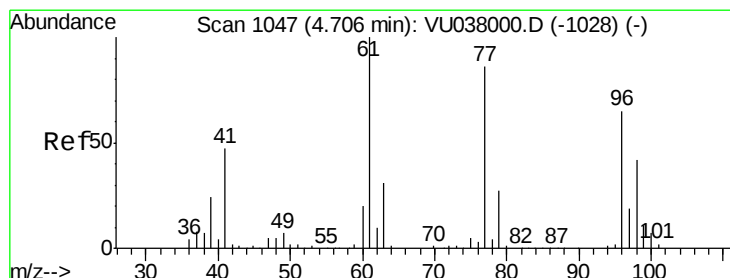
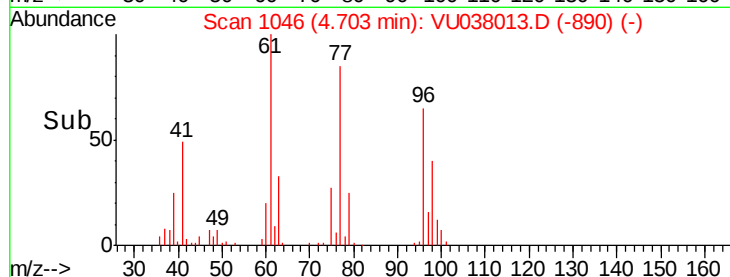
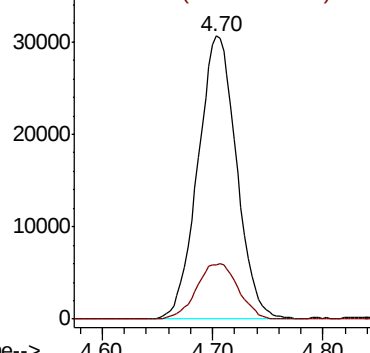
Ion Ratio Lower Upper

77 100

97 21.1 17.4 26.2



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.026 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

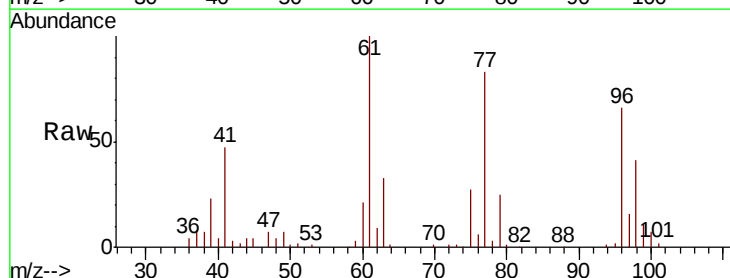
Tgt Ion: 96 Resp: 51510

Ion Ratio Lower Upper

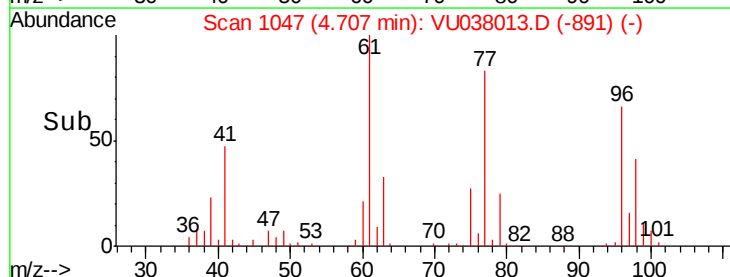
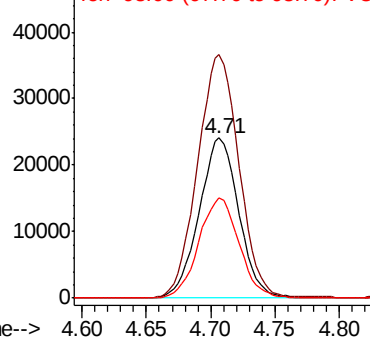
96 100

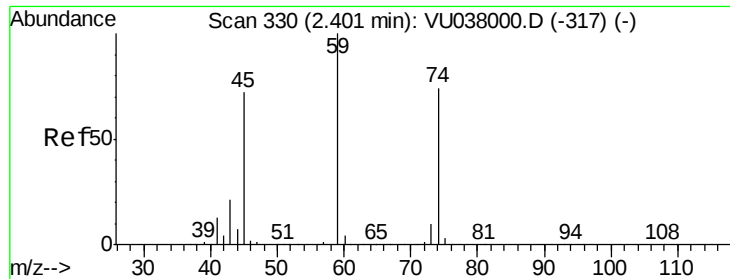
61 158.7 0.0 389.3

98 63.5 32.1 96.3



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

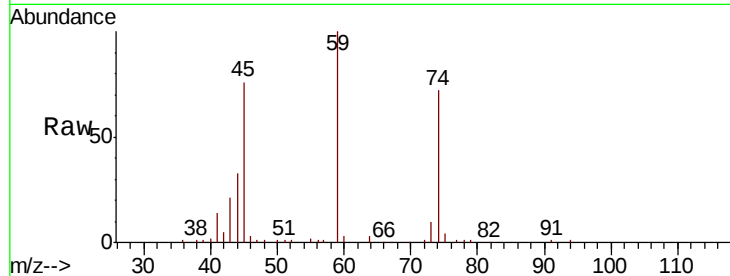




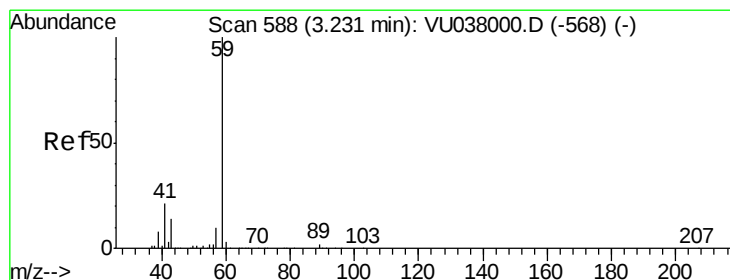
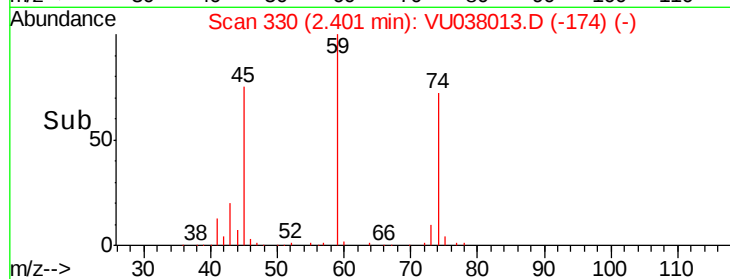
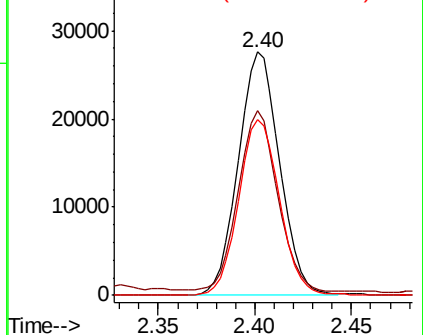
#23
Diethyl Ether
Concen: 2.123 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 40921
Ion Ratio Lower Upper
59 100
45 71.3 59.8 89.6
74 71.3 58.2 87.4

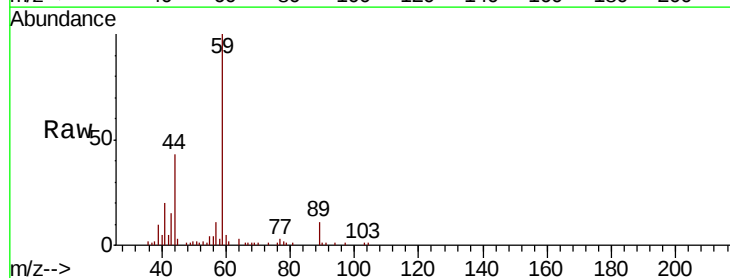


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

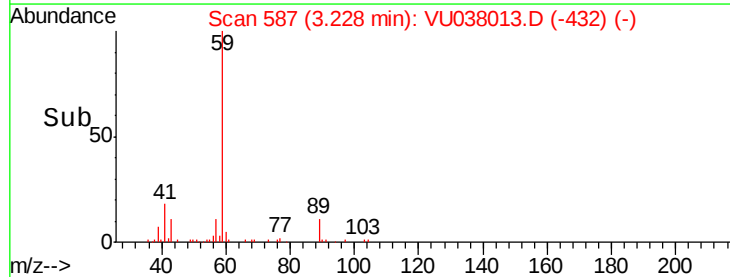
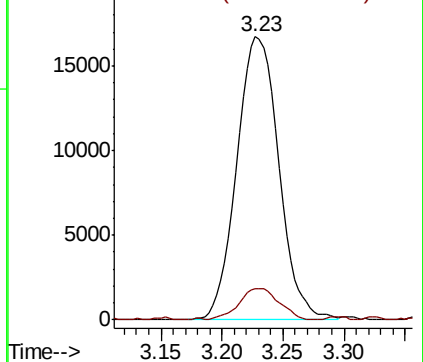


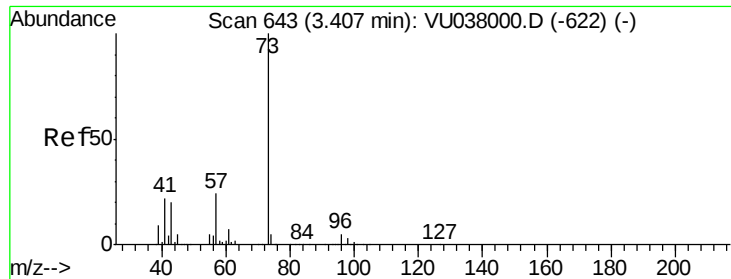
#24
tert-Butyl Alcohol
Concen: 18.666 ug/l
RT: 3.23 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 59 Resp: 39923
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



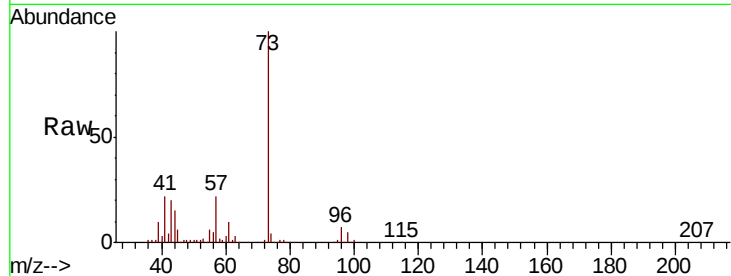


#25

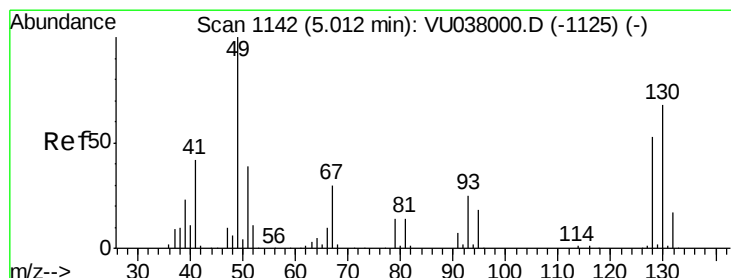
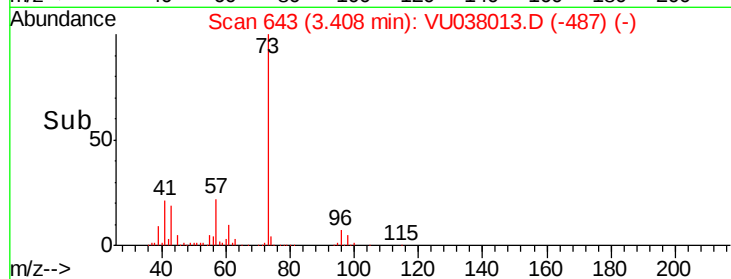
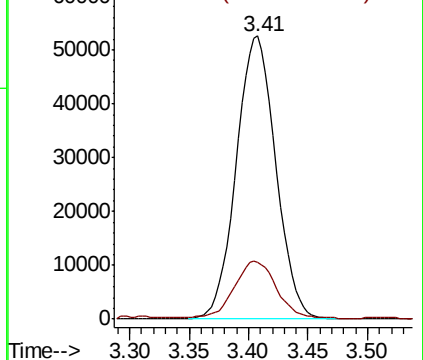
Methvl tert-Butvl Ether
 Concen: 2.006 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 73 Resp: 120785
 Ion Ratio Lower Upper
 73 100
 43 22.5 16.2 24.2



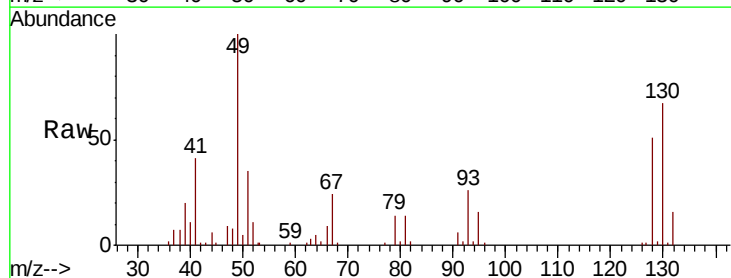
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0



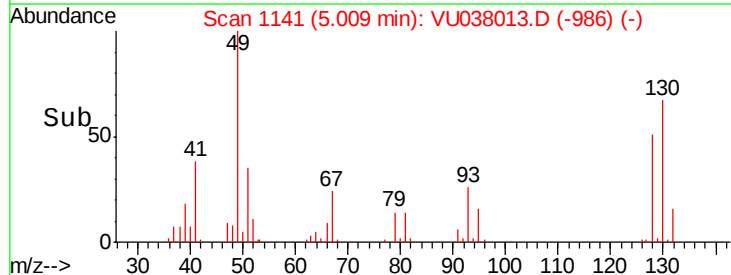
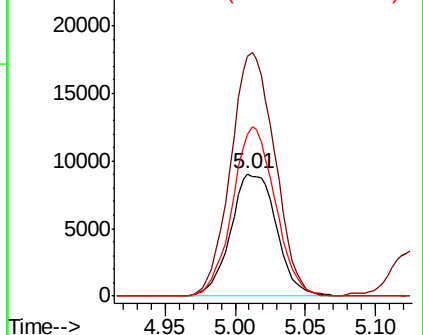
#26

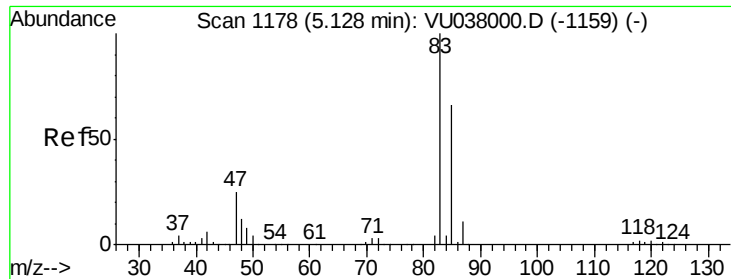
Bromochloromethane
 Concen: 1.996 ug/l
 RT: 5.01 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion: 128 Resp: 20419
 Ion Ratio Lower Upper
 128 100
 49 193.2 0.0 376.0
 130 129.9 102.6 153.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VU0
 Ion 130.00 (129.70 to 130.70): V

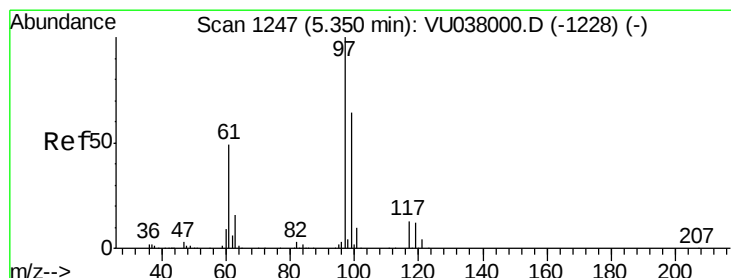
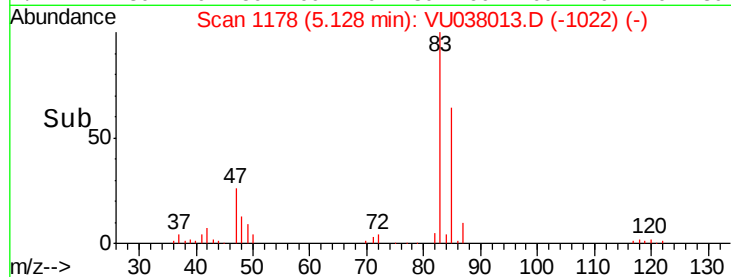
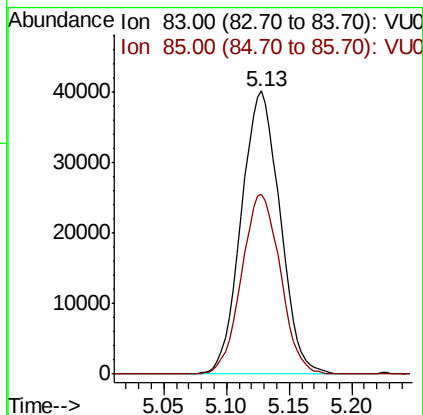
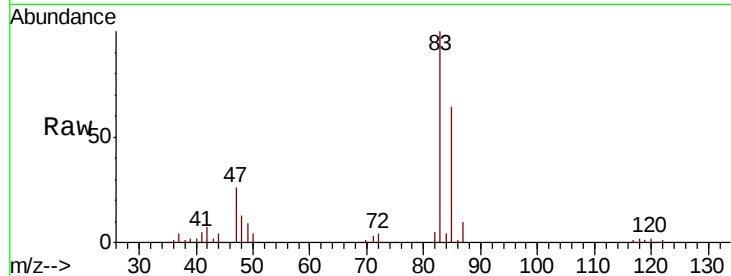




#27
Chloroform
Concen: 2.015 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

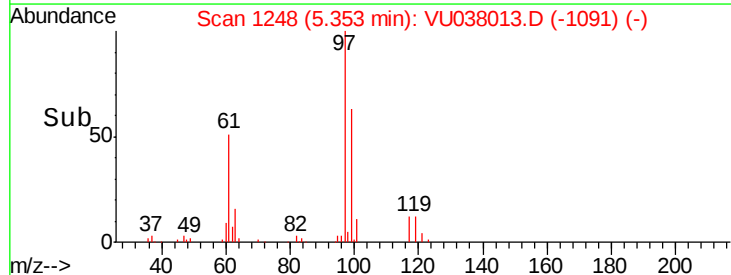
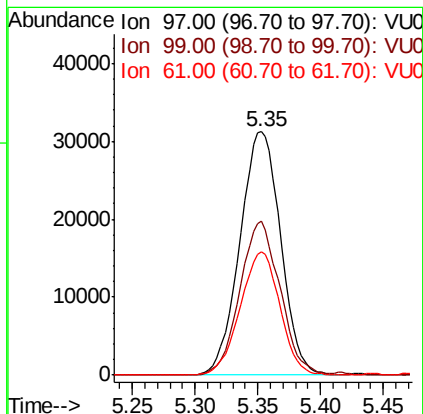
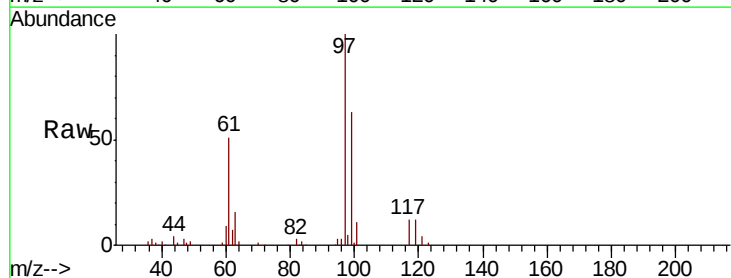
Instrument :
MSVOA_U
ClientSampleId :

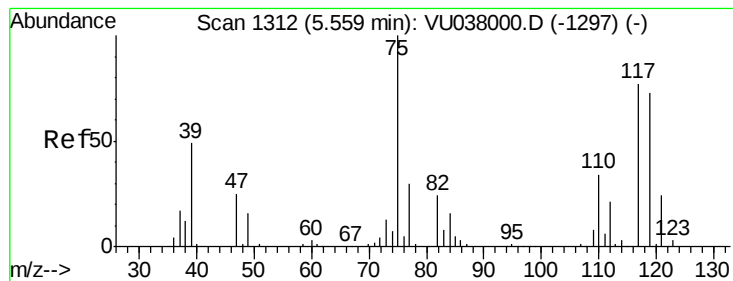
Tot Ion: 83 Resp: 86198
Ion Ratio Lower Upper
83 100
85 63.6 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 2.002 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 97 Resp: 70565
Ion Ratio Lower Upper
97 100
99 62.1 31.9 95.9
61 49.5 24.1 72.4





#29

1,1-Dichloropropene

Concen: 2.025 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampled :

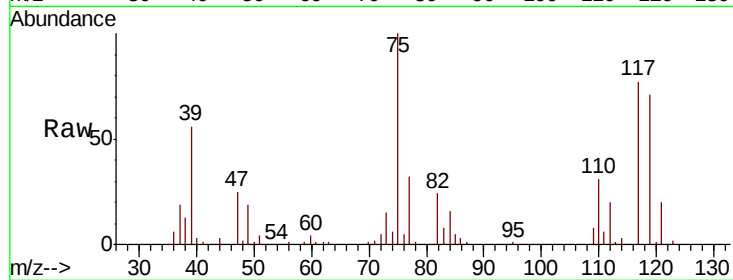
Tot Ion: 75 Resp: 71829

Ion Ratio Lower Upper

75 100

110 32.7 16.7 50.1

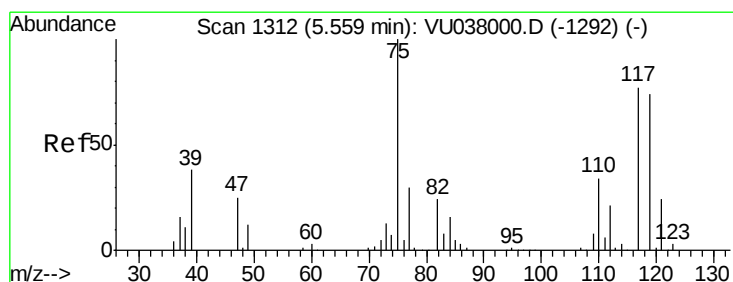
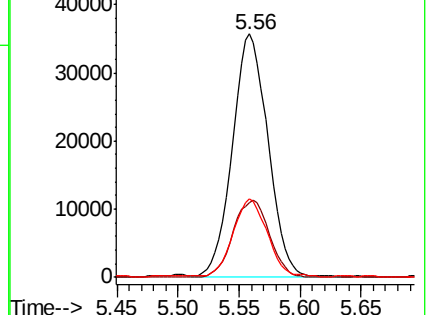
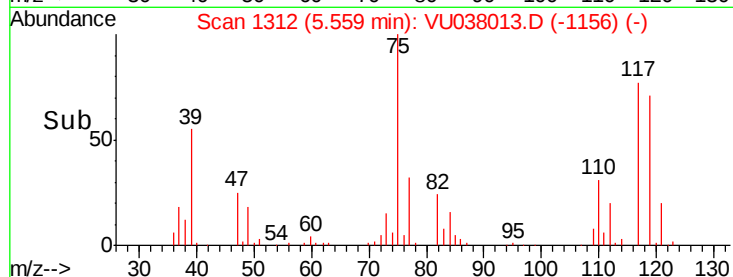
77 31.8 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VU038013.D (-1156) (-)

Ion 110.00 (109.70 to 110.70): VU038013.D (-1156) (-)

Ion 77.00 (76.70 to 77.70): VU038013.D (-1156) (-)



#30

Carbon Tetrachloride

Concen: 1.974 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

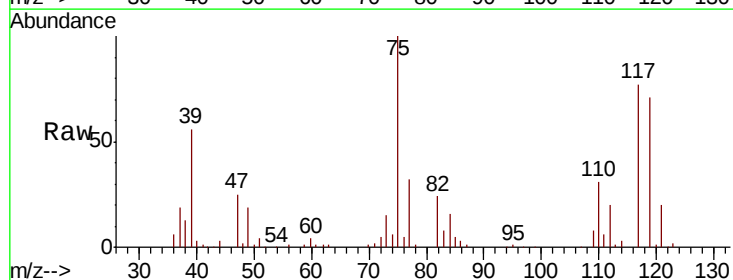
Tgt Ion: 117 Resp: 58218

Ion Ratio Lower Upper

117 100

119 93.2 76.3 114.5

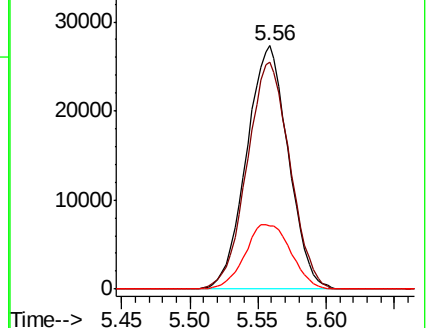
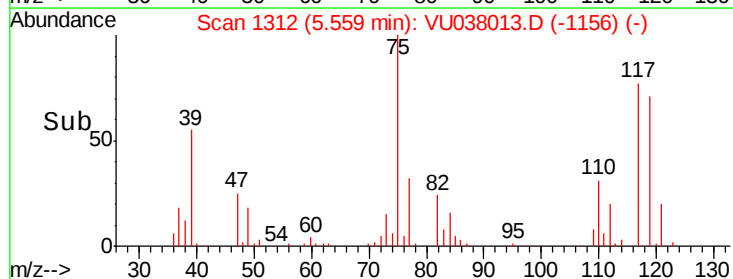
121 26.0 24.7 37.1

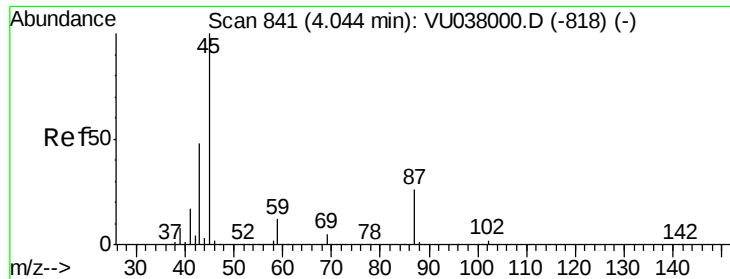


Abundance Ion 117.00 (116.70 to 117.70): VU038013.D (-1156) (-)

Ion 119.00 (118.70 to 119.70): VU038013.D (-1156) (-)

Ion 121.00 (120.70 to 121.70): VU038013.D (-1156) (-)





#31

Isopropyl Ether

Concen: 1.976 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

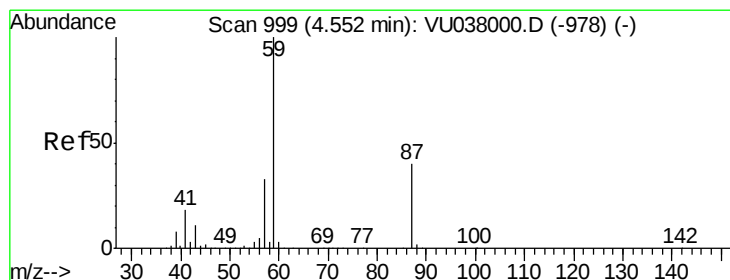
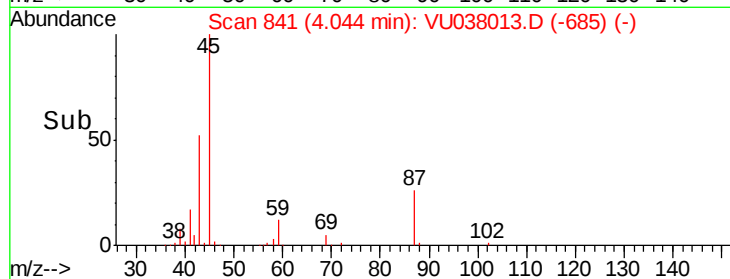
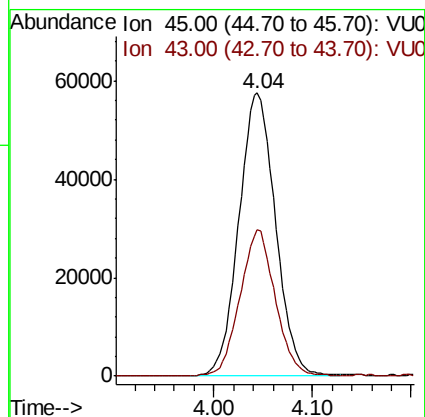
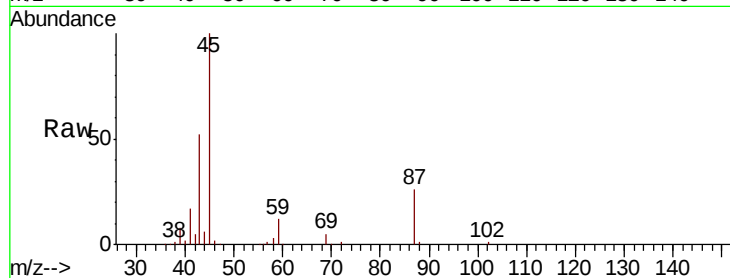
ClientSampleId :

Tot Ion: 45 Resp: 148297

Ion Ratio Lower Upper

45 100

43 49.1 24.2 72.6



#32

Ethyl-t-butyl ether

Concen: 1.919 ug/l

RT: 4.55 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU038013.D

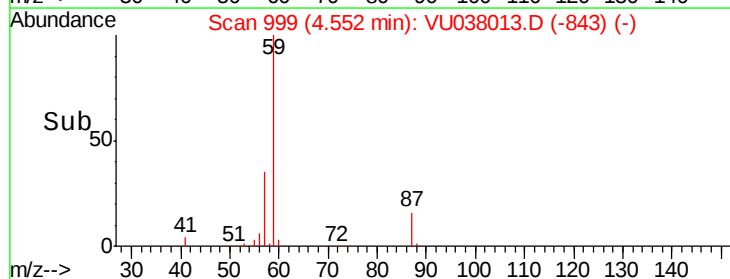
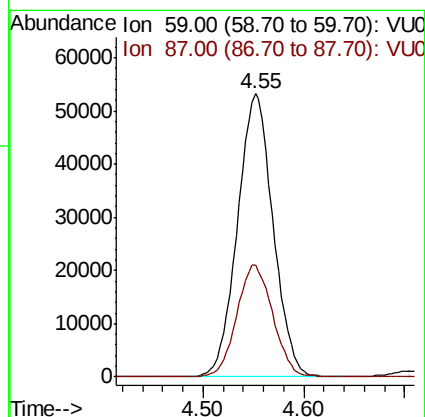
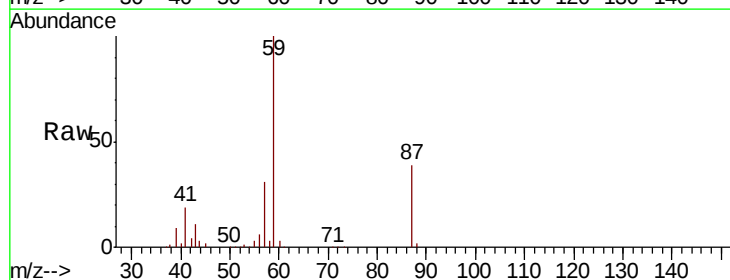
Acq: 05 May 2020 13:14

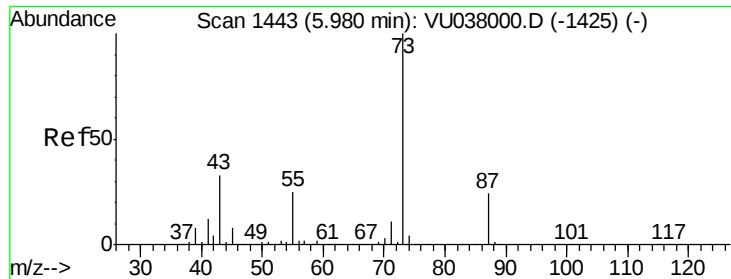
Tgt Ion: 59 Resp: 130079

Ion Ratio Lower Upper

59 100

87 40.1 32.4 48.6



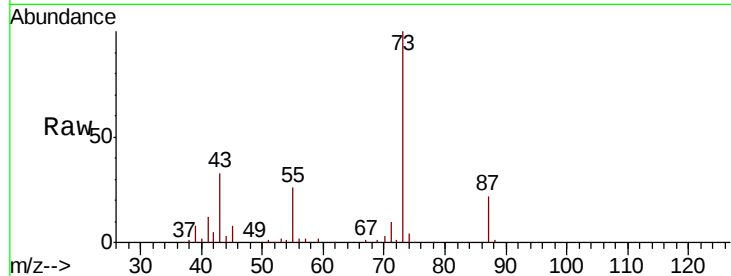


#33

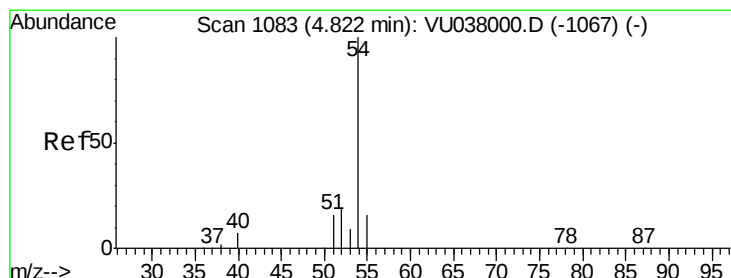
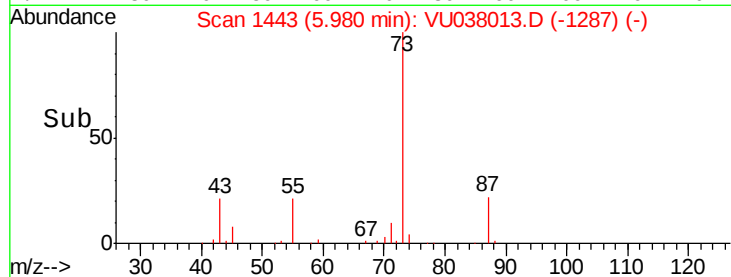
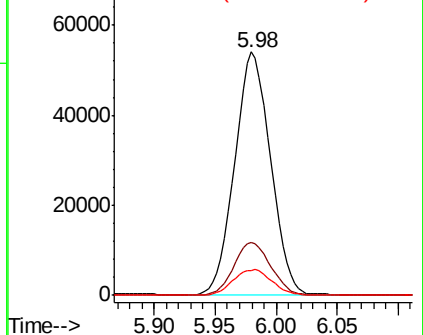
Tert-Amvl methvl ether
Concen: 1.885 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 110093
Ion Ratio Lower Upper
73 100
87 22.3 18.9 28.3
71 11.4 9.1 13.7



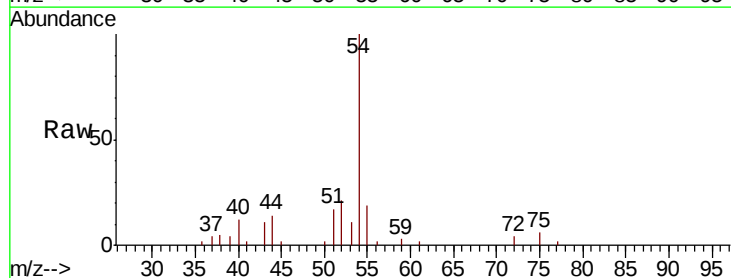
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



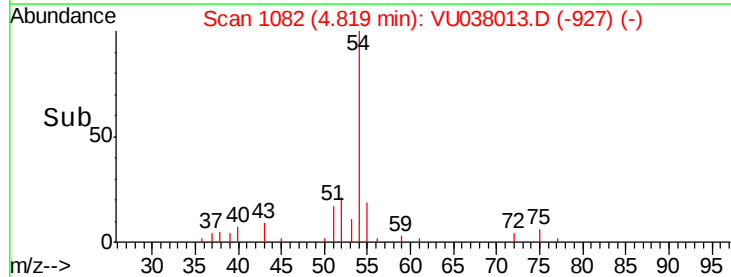
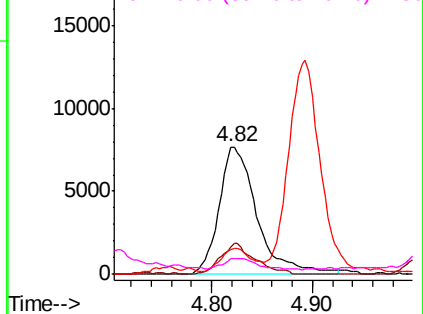
#34

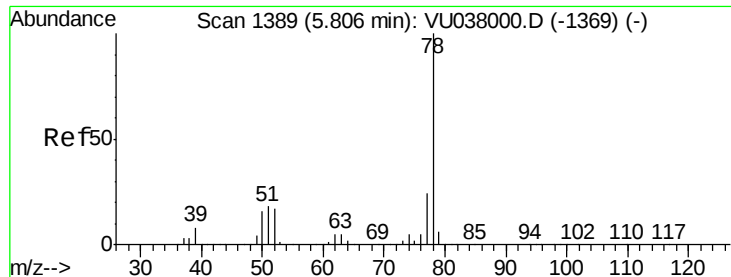
Propionitrile
Concen: 9.734 ug/l
RT: 4.82 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 54 Resp: 20078
Ion Ratio Lower Upper
54 100
52 21.3 15.8 23.8
55 14.4 13.2 19.8
40 6.1 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: 2.052 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

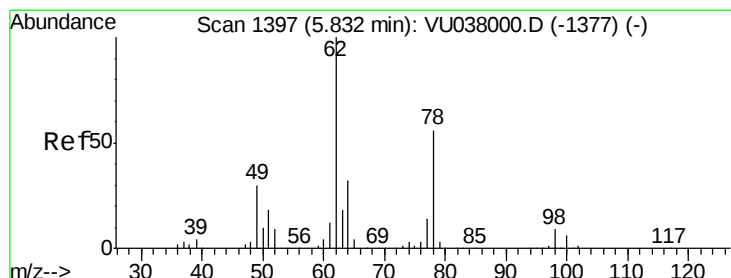
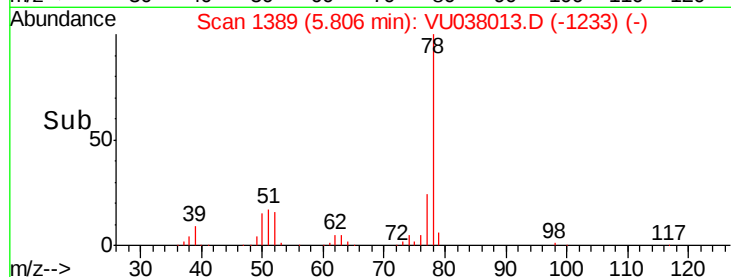
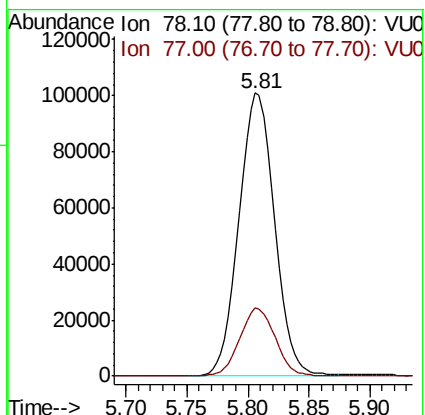
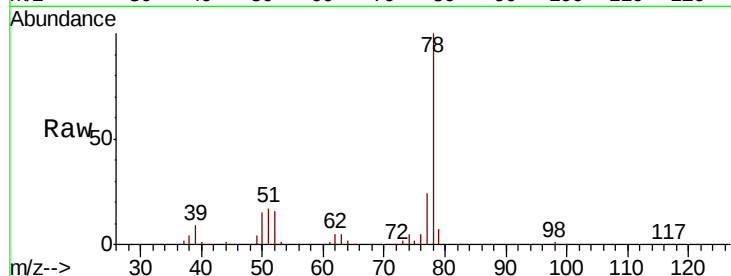
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 203706

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



#36

1,2-Dichloroethane

Concen: 2.069 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038013.D

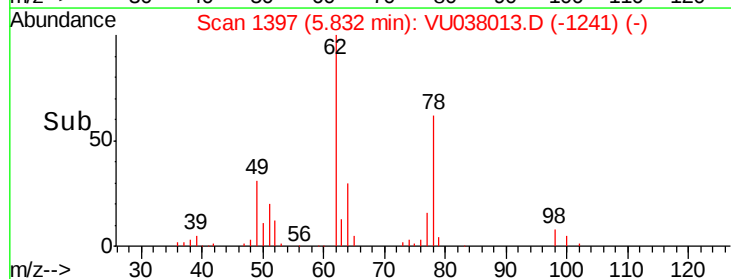
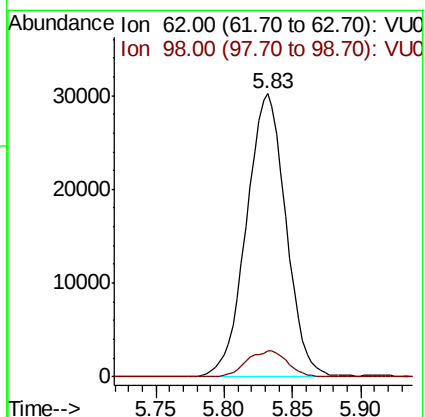
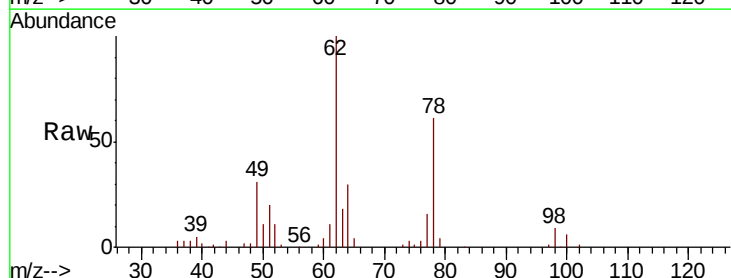
Acq: 05 May 2020 13:14

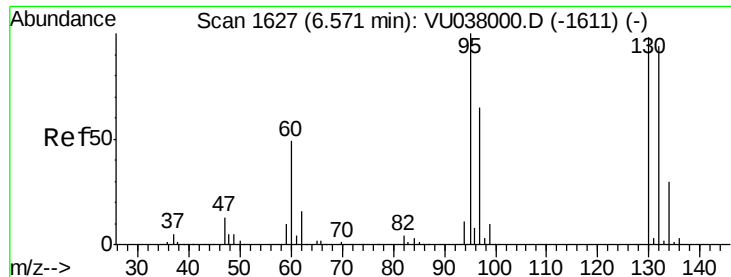
Tgt Ion: 62 Resp: 60766

Ion Ratio Lower Upper

62 100

98 9.4 7.3 10.9

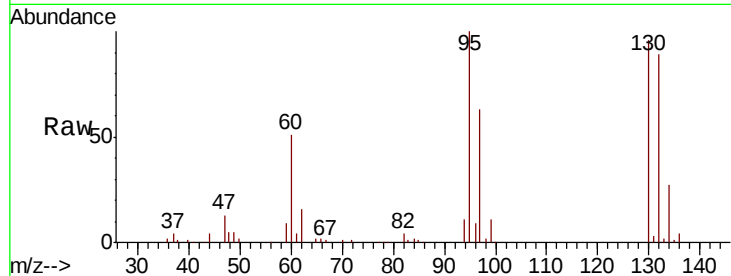




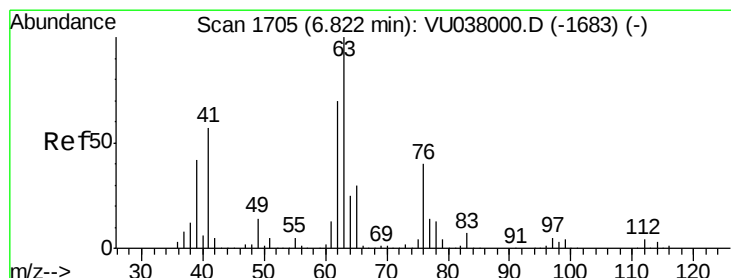
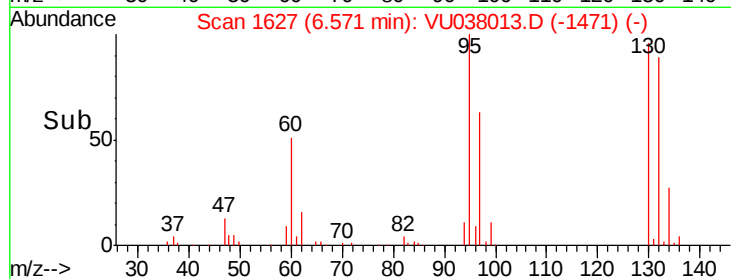
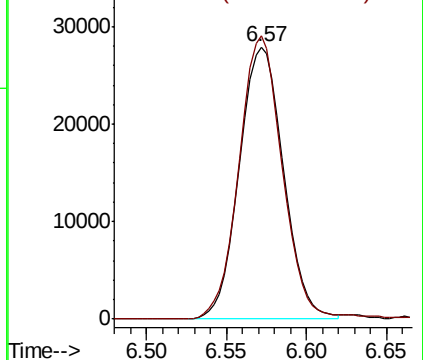
#37
 Trichloroethene
 Concen: 2.021 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 52662
 Ion Ratio Lower Upper
 130 100
 95 104.0 81.6 122.4

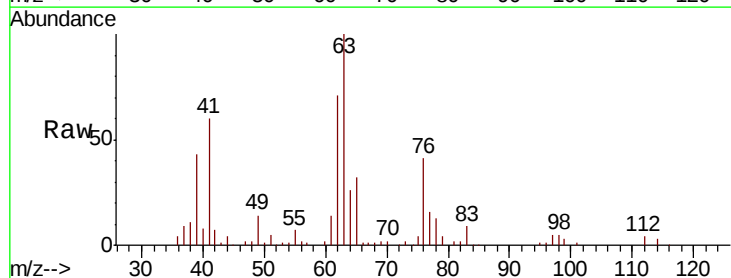


Abundance Ion 129.90 (129.60 to 130.60): VU038013.D (-1471) (-)
 Ion 94.90 (94.60 to 95.60): VU038013.D (-1471) (-)

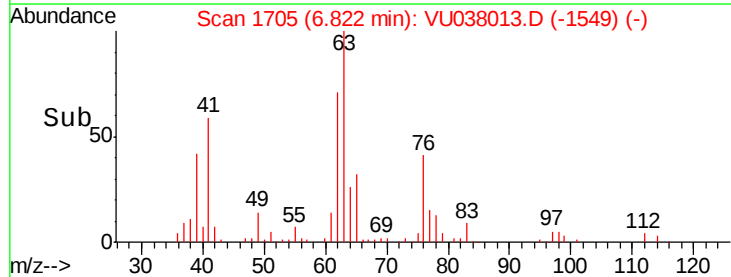
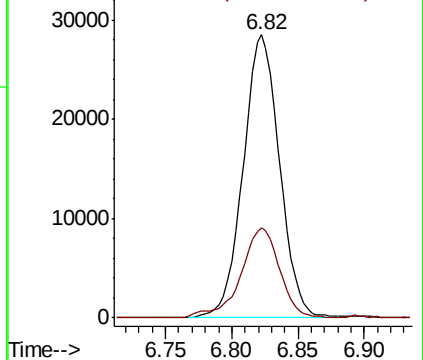


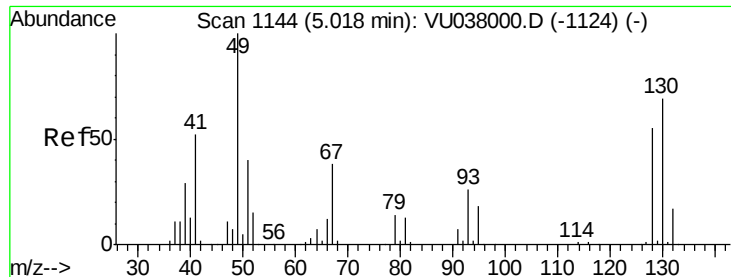
#38
 1,2-Dichloropropane
 Concen: 2.035 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion: 63 Resp: 54365
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038013.D (-1549) (-)
 Ion 65.00 (64.70 to 65.70): VU038013.D (-1549) (-)

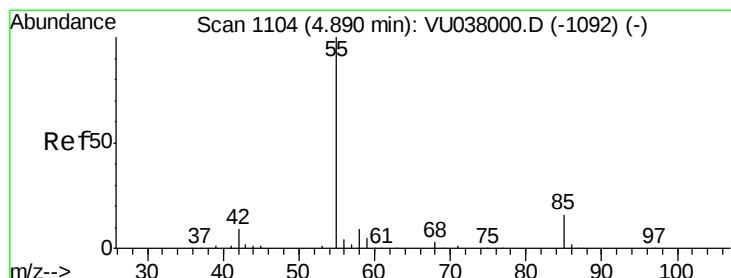
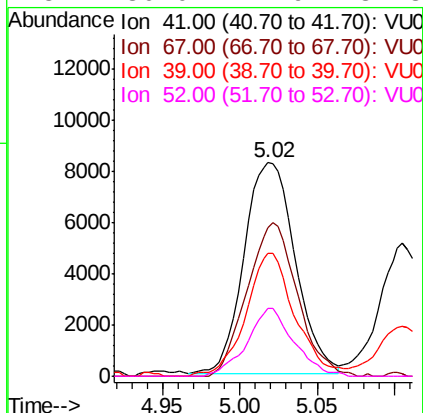
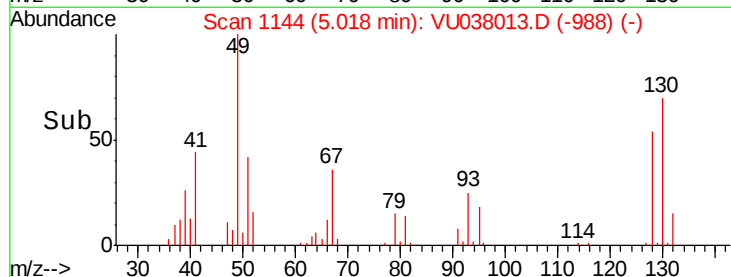
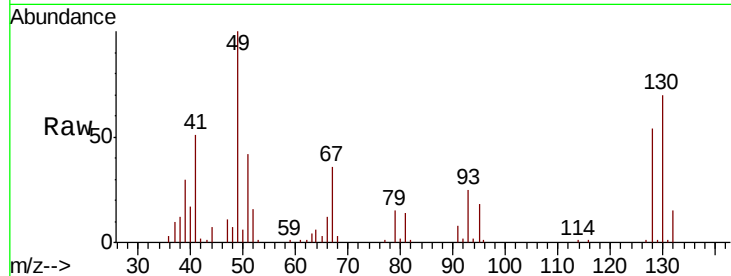




#39
Methacrylonitrile
Concen: 1.945 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

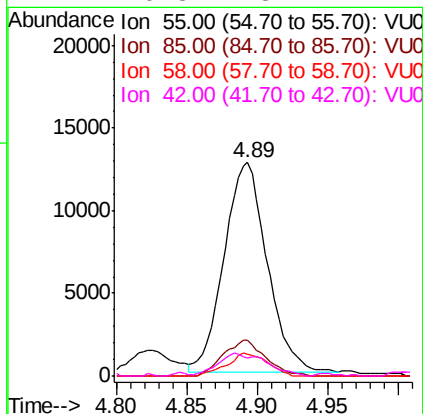
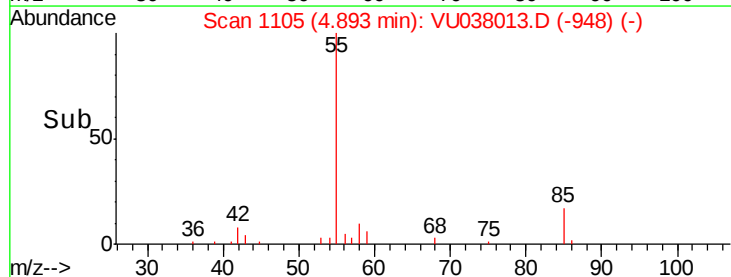
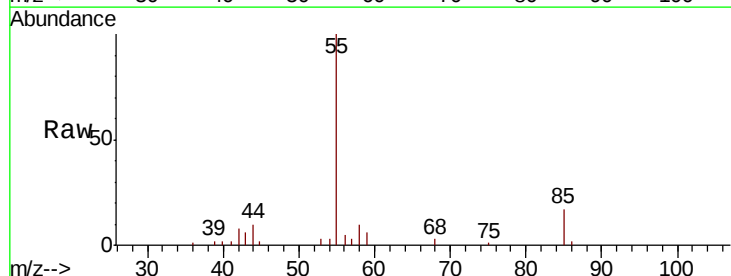
Instrument :
MSVOA_U
ClientSampleId :

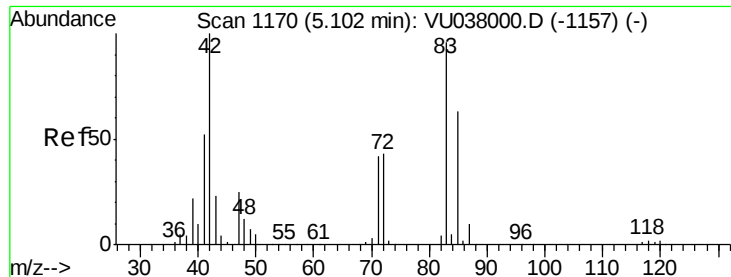
Tot Ion: 41 Resp: 18795
Ion Ratio Lower Upper
41 100
67 71.8 58.0 87.0
39 56.7 43.2 64.8
52 30.0 22.9 34.3



#40
Methyl acrylate
Concen: 1.907 ug/l
RT: 4.89 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 55 Resp: 27146
Ion Ratio Lower Upper
55 100
85 16.5 12.9 19.3
58 10.2 7.2 10.8
42 6.3 8.1 12.1#





#41

Tetrahydrofuran

Concen: 3.967 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampled :

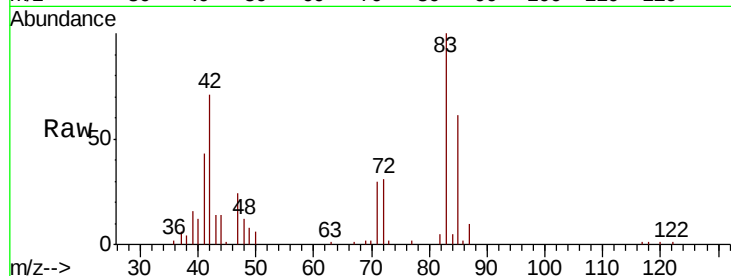
Tot Ion: 42 Resp: 19121

Ion Ratio Lower Upper

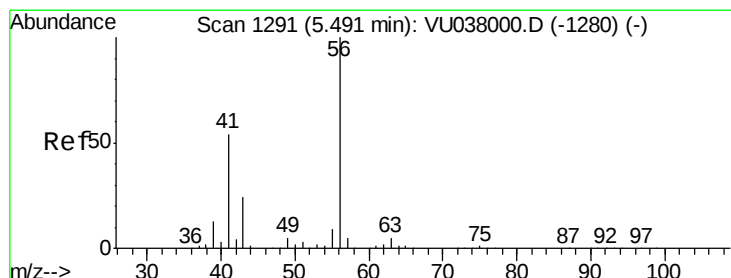
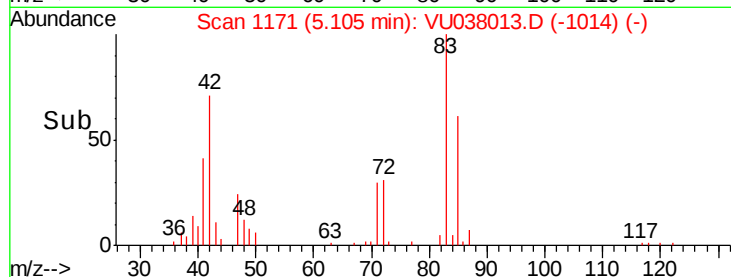
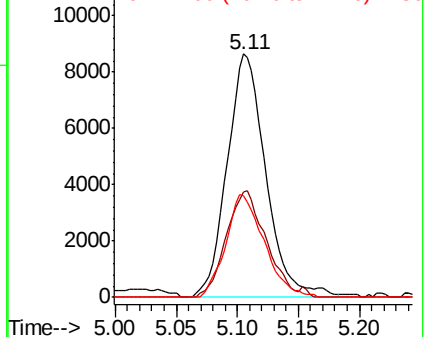
42 100

72 44.8 37.4 56.2

71 42.0 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 2.026 ug/l

RT: 5.49 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VU038013.D

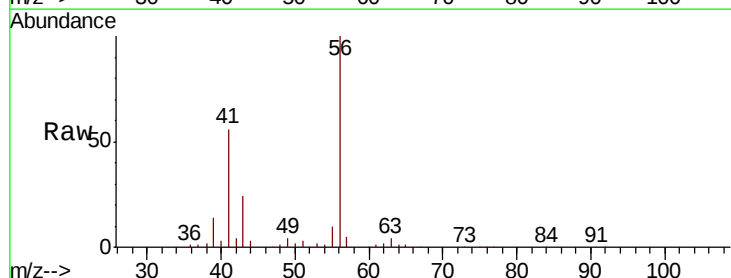
Acq: 05 May 2020 13:14

Tgt Ion: 56 Resp: 103538

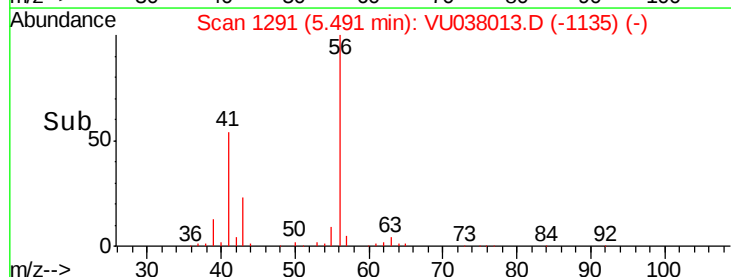
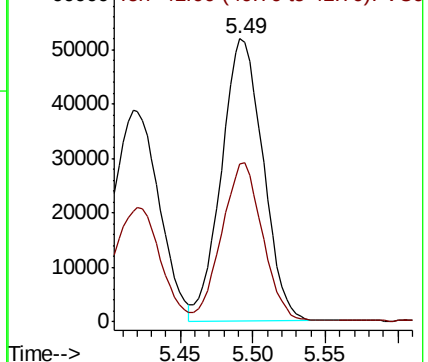
Ion Ratio Lower Upper

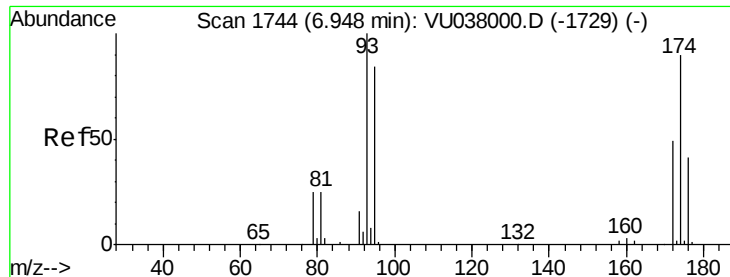
56 100

41 54.6 26.8 80.4



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.958 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

ClientSampleId :

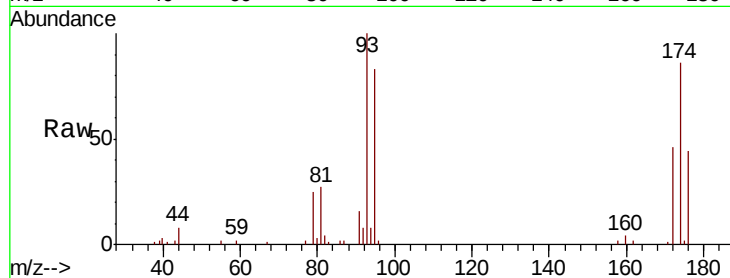
Tot Ion: 93 Resp: 24366

Ion Ratio Lower Upper

93 100

95 86.0 66.1 99.1

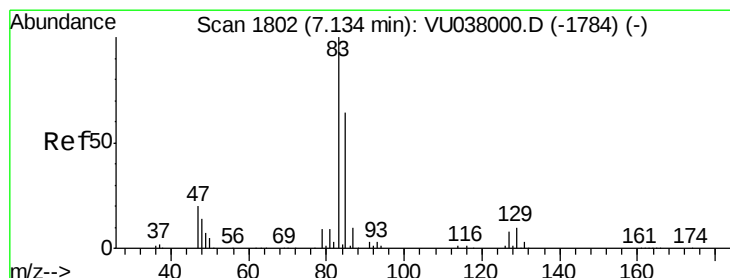
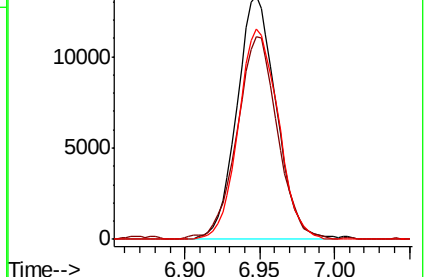
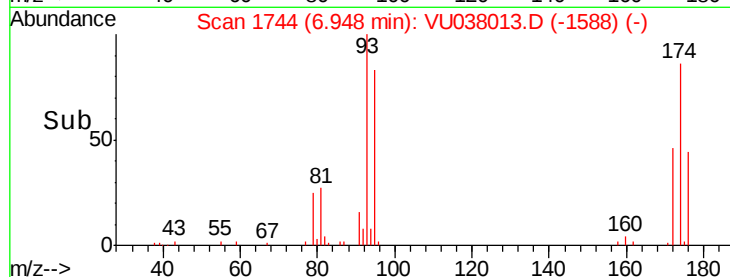
174 87.6 72.8 109.2



Abundance Ion 93.00 (92.70 to 93.70): VU038013.D (-1588) (-)

Ion 95.00 (94.70 to 95.70): VU038013.D (-1588) (-)

Ion 174.00 (173.70 to 174.70): VU038013.D (-1588) (-)



#44

Bromodichloromethane

Concen: 2.033 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

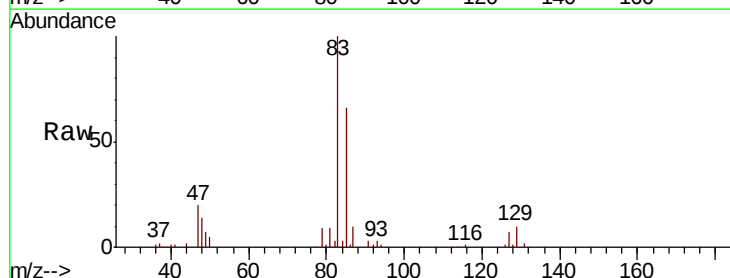
Tgt Ion: 83 Resp: 63540

Ion Ratio Lower Upper

83 100

85 66.3 51.4 77.0

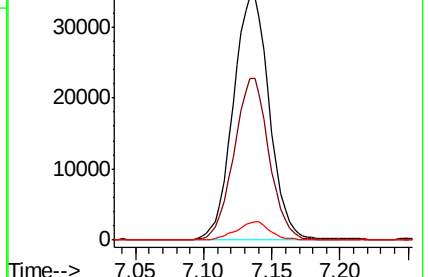
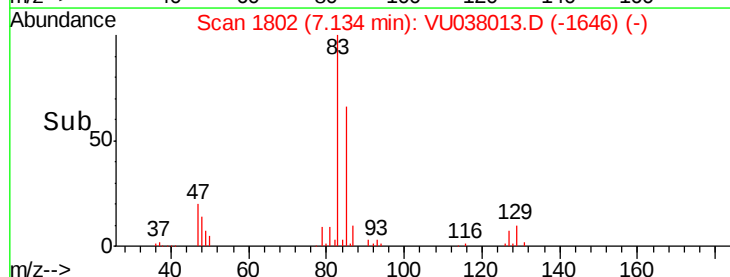
127 7.1 6.2 9.2

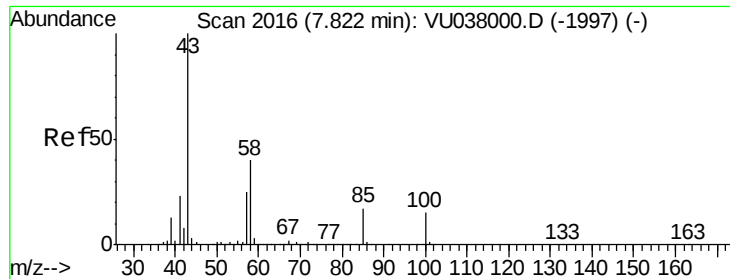


Abundance Ion 83.00 (82.70 to 83.70): VU038013.D (-1646) (-)

Ion 85.00 (84.70 to 85.70): VU038013.D (-1646) (-)

Ion 127.00 (126.70 to 127.70): VU038013.D (-1646) (-)

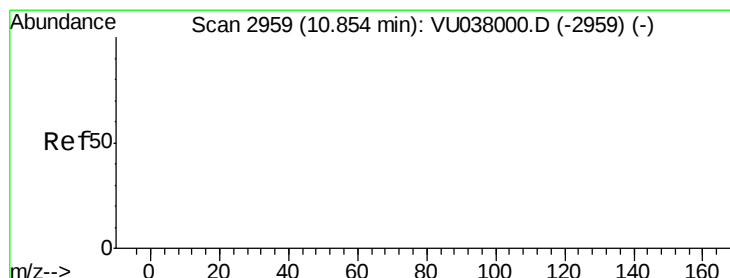
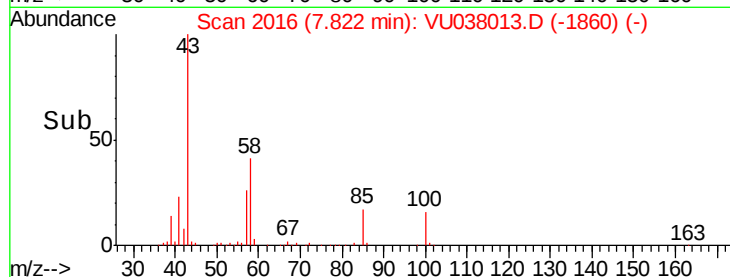
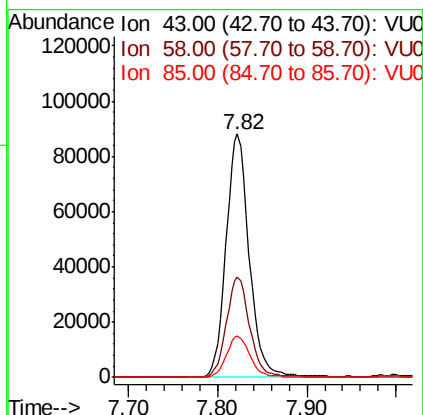
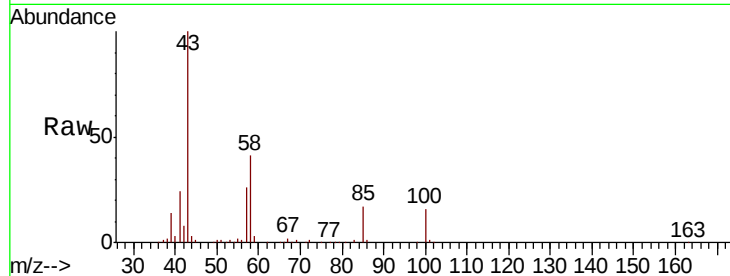




#45
4-Methyl-2-Pentanone
Concen: 9.369 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

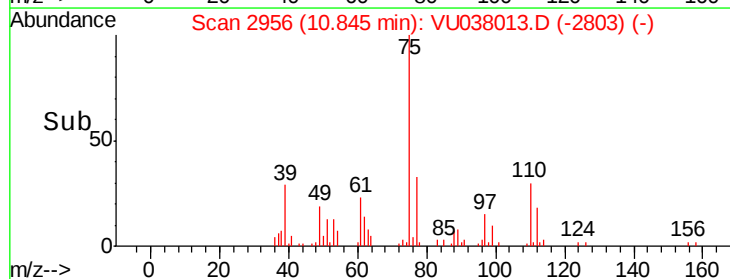
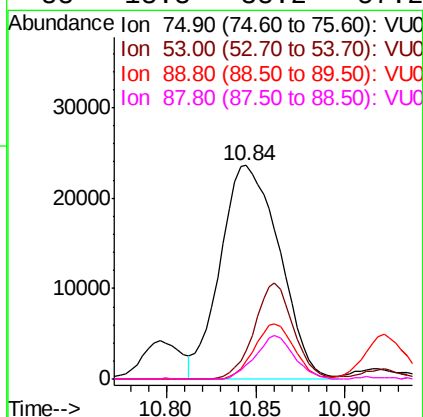
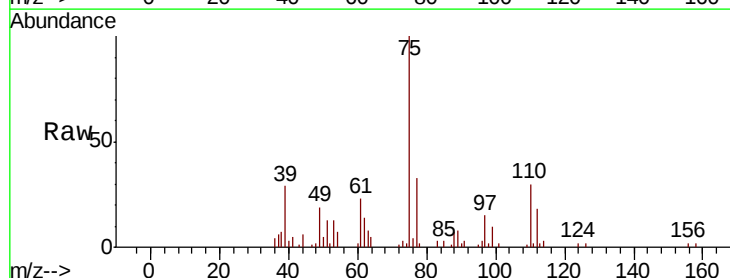
Instrument :
MSVOA_U
ClientSampled :

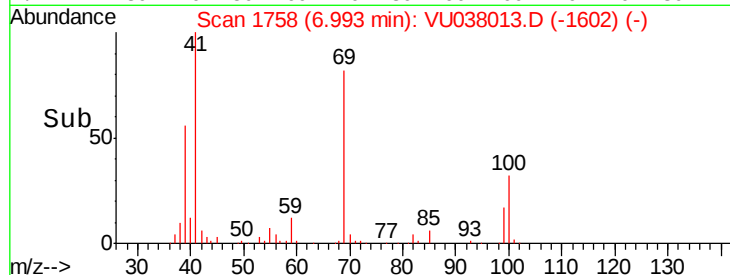
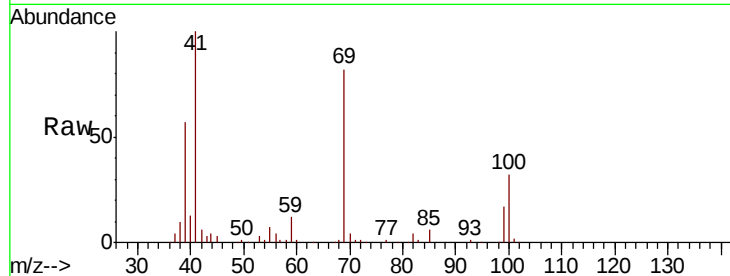
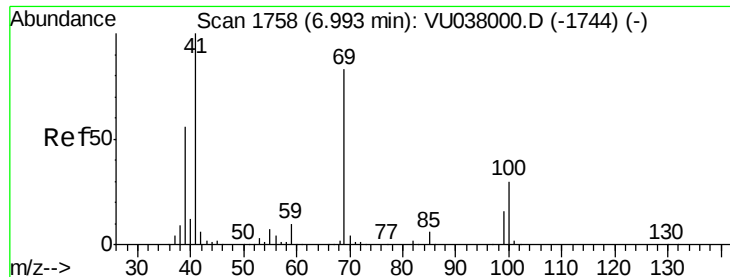
Tot Ion	43	Resp	158888
Ion Ratio	Lower	Upper	
43	100		
58	41.5	20.1	60.3
85	17.3	13.7	20.5



#46
t-1,4-Dichloro-2-butene
Concen: 10.367 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

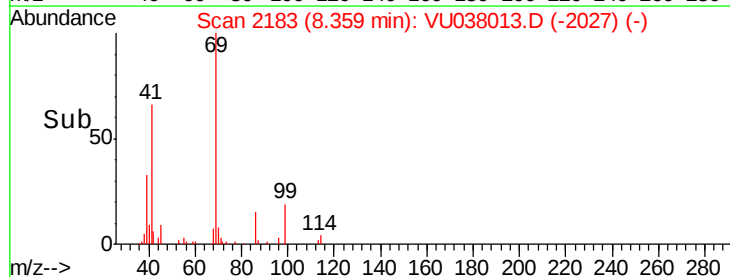
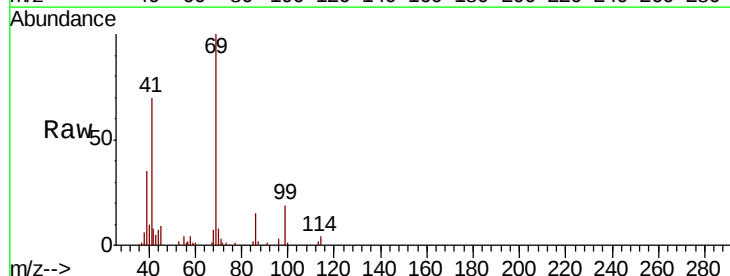
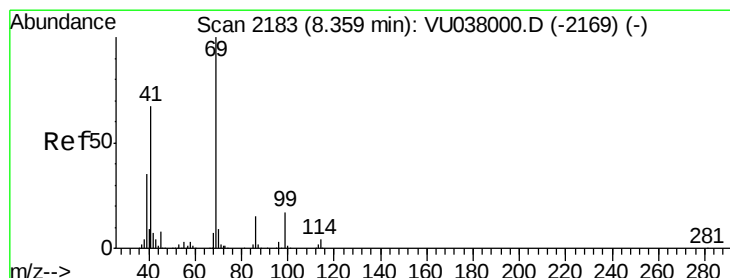
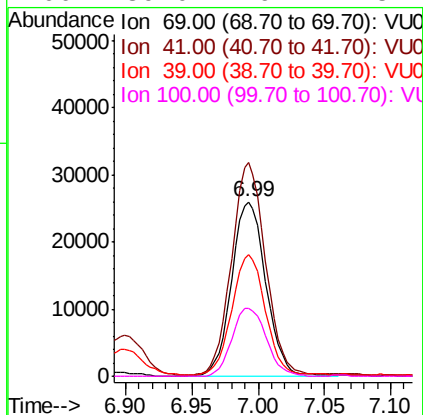
Tgt Ion	75	Resp	54364
Ion Ratio	Lower	Upper	
75	100		
53	30.0	81.1	121.7#
89	17.6	53.2	79.8#
88	13.3	38.2	57.2#





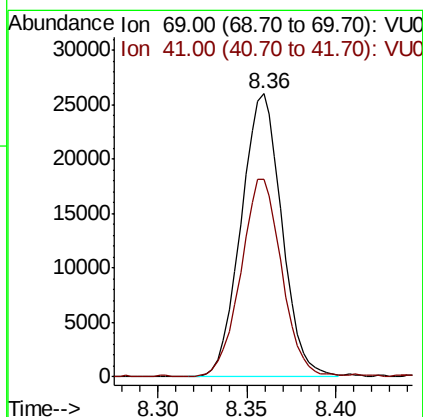
#47
Methyl methacrylate
Concen: 3.696 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

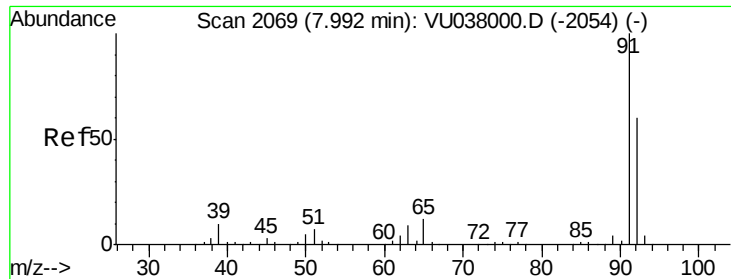
Tot Ion: 69 Resp: 46772
Ion Ratio Lower Upper
69 100
41 120.6 0.0 241.6
39 65.9 52.9 79.3
100 39.0 29.1 43.7



#48
Ethyl methacrylate
Concen: 1.776 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 69 Resp: 41610
Ion Ratio Lower Upper
69 100
41 70.3 33.6 100.8





#49

Toluene

Concen: 2.004 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

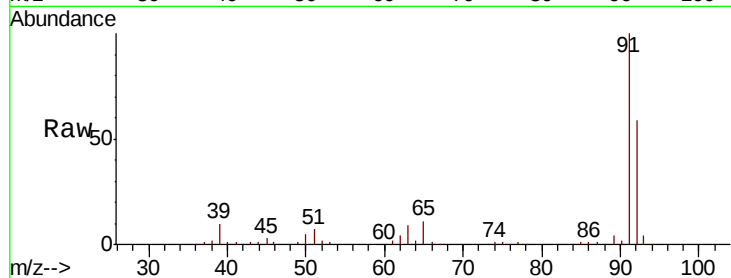
ClientSampled :

Tot Ion: 92 Resp: 125796

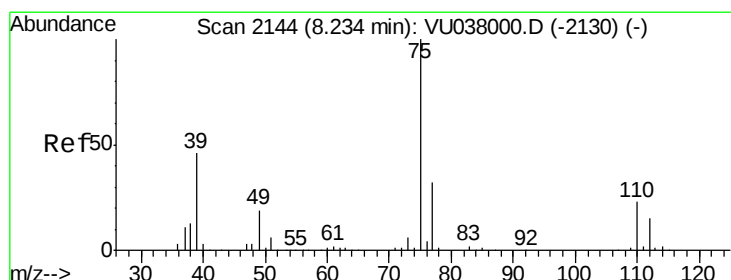
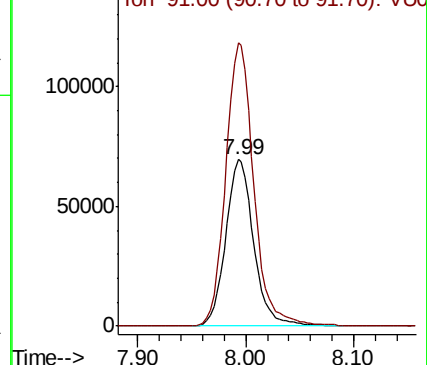
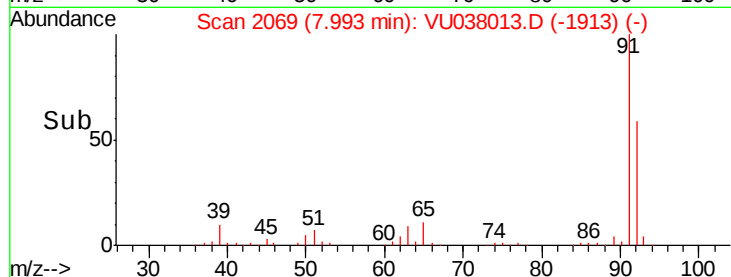
Ion Ratio Lower Upper

92 100

91 170.2 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VU038013.D (-1913) (-)



#50

t-1,3-Dichloropropene

Concen: 1.809 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038013.D

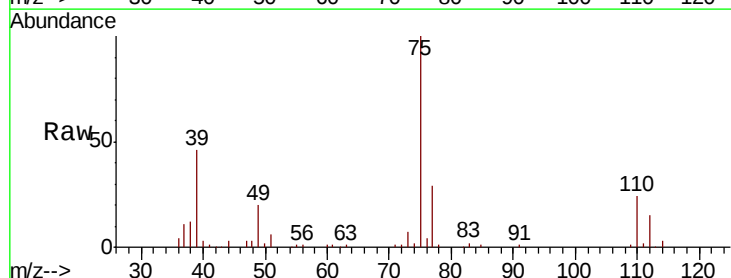
Acq: 05 May 2020 13:14

Tgt Ion: 75 Resp: 57780

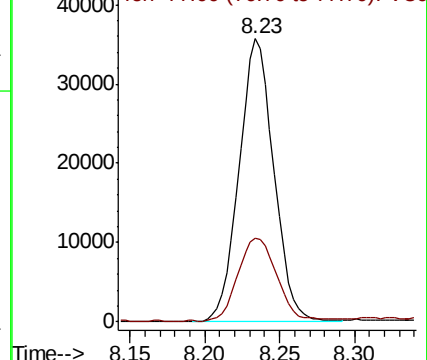
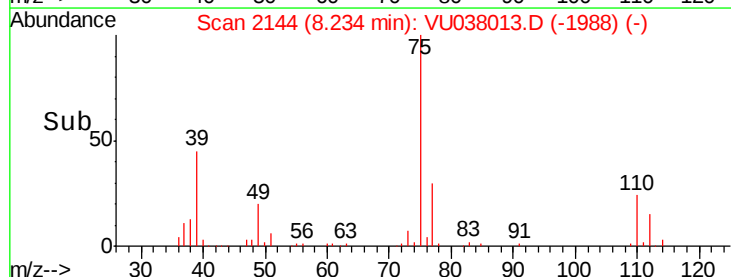
Ion Ratio Lower Upper

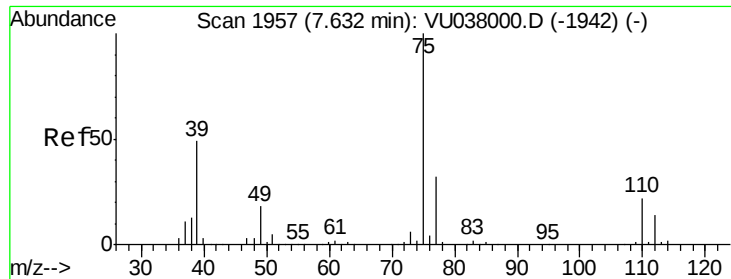
75 100

77 29.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038013.D (-1988) (-)



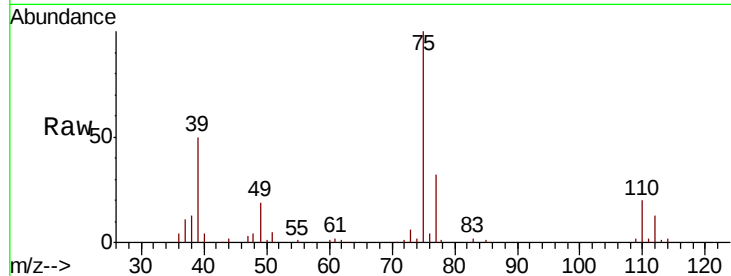


#51

cis-1,3-Dichloropropene
Concen: 1.917 ug/l
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	75	Resp	73494
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
39	50.1	39.0	58.4

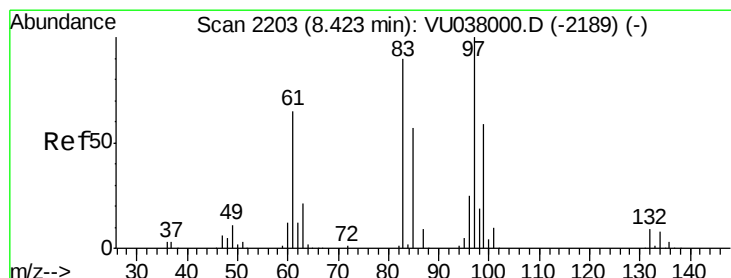
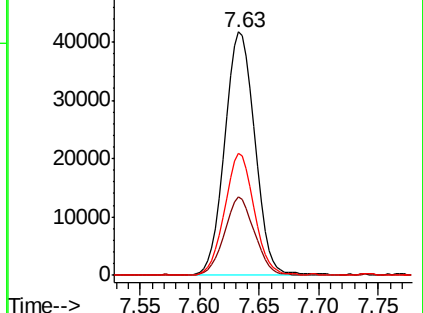
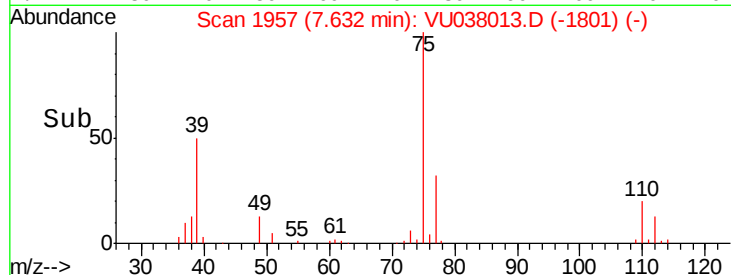


Abundance

Ion 75.00 (74.70 to 75.70): VU038013.D (-1801) (-)

Ion 77.00 (76.70 to 77.70): VU038013.D (-1801) (-)

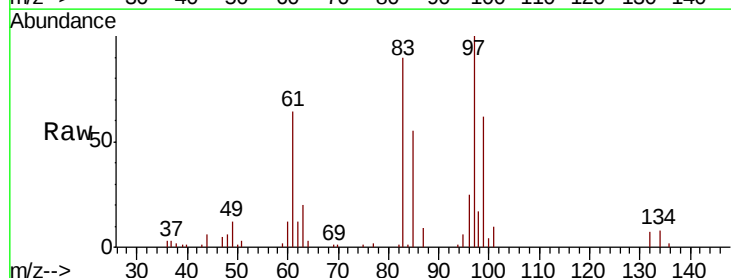
Ion 39.00 (38.70 to 39.70): VU038013.D (-1801) (-)



#52

1,1,2-Trichloroethane
Concen: 2.045 ug/l
RT: 8.43 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion	97	Resp	36040
Ion	Ratio	Lower	Upper
97	100		
83	89.9	72.4	108.6
85	54.8	46.0	69.0
99	61.5	50.4	75.6



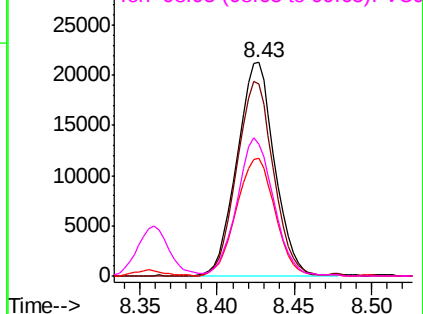
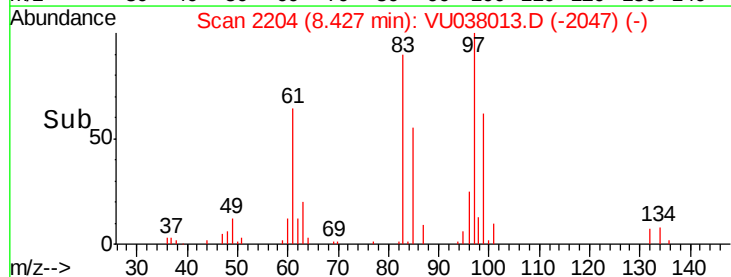
Abundance

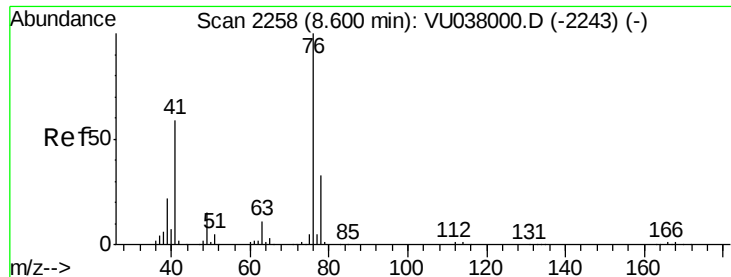
Ion 97.00 (96.70 to 97.70): VU038013.D (-2047) (-)

Ion 82.95 (82.65 to 83.65): VU038013.D (-2047) (-)

Ion 84.95 (84.65 to 85.65): VU038013.D (-2047) (-)

Ion 98.95 (98.65 to 99.65): VU038013.D (-2047) (-)

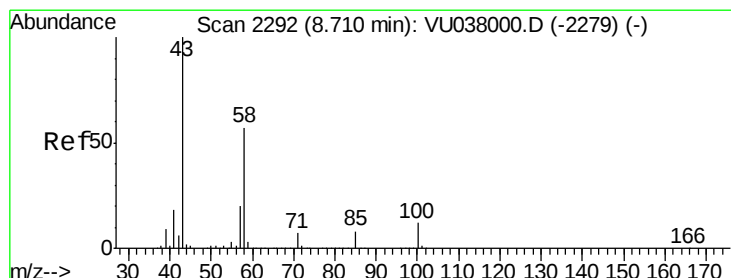
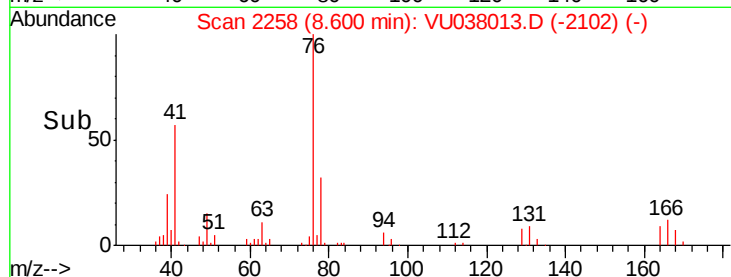
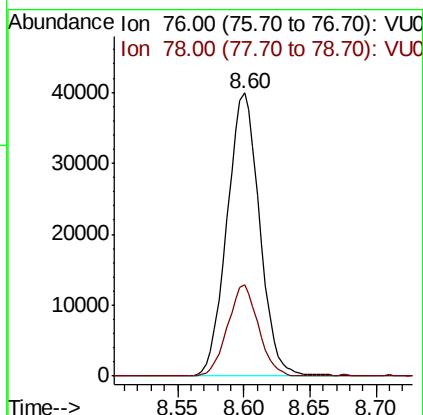
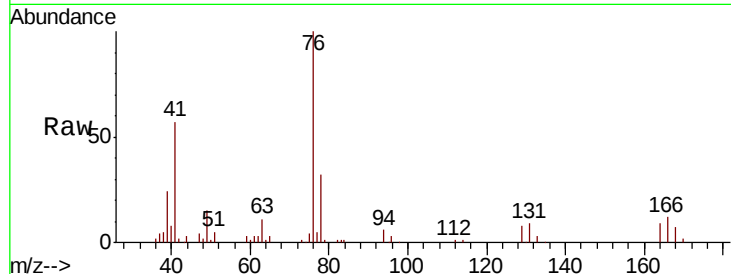




#53
 1,3-Dichloropropane
 Concen: 2.058 ug/l
 RT: 8.60 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

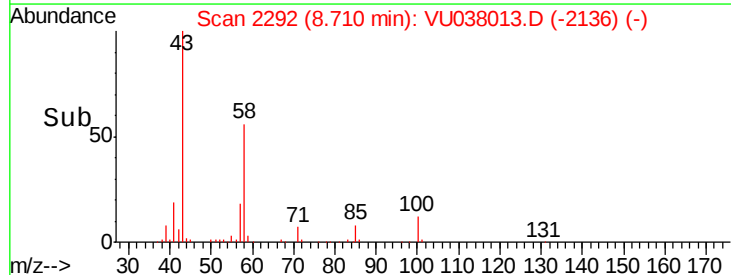
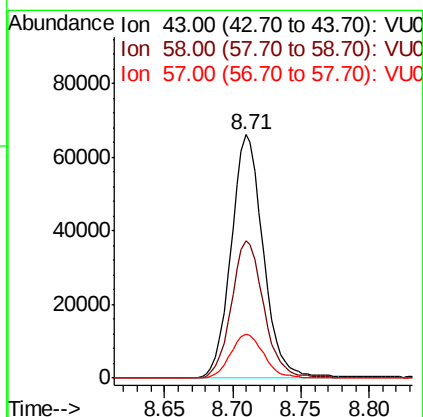
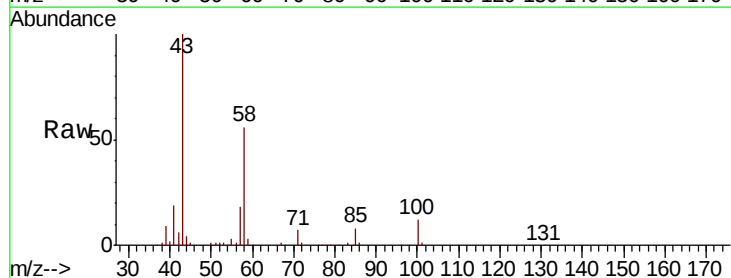
Instrument :
 MSVOA_U
 ClientSampleId :

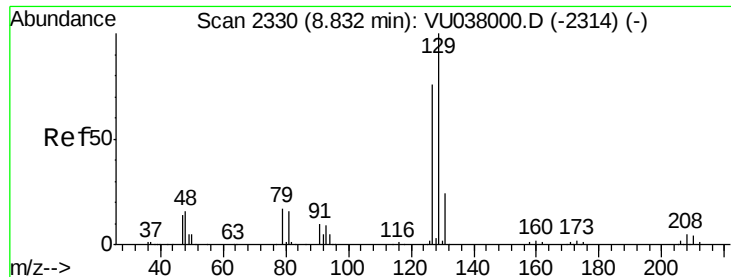
Tot Ion: 76 Resp: 68079
 Ion Ratio Lower Upper
 76 100
 78 30.6 25.8 38.6



#54
 2-Hexanone
 Concen: 9.045 ug/l
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion: 43 Resp: 108279
 Ion Ratio Lower Upper
 43 100
 58 56.9 36.5 76.5
 57 18.8 0.0 39.5





#55

Dibromochloromethane

Concen: 1.874 ug/l

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

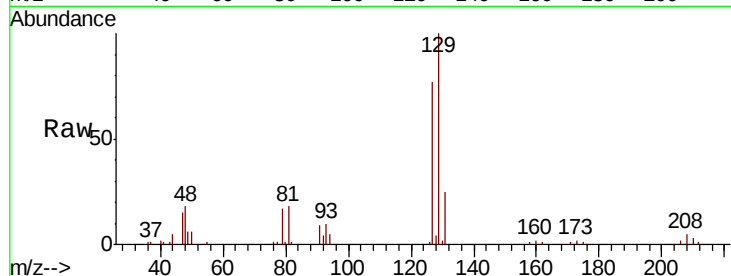
ClientSampleId :

Tot Ion:129 Resp: 36585

Ion Ratio Lower Upper

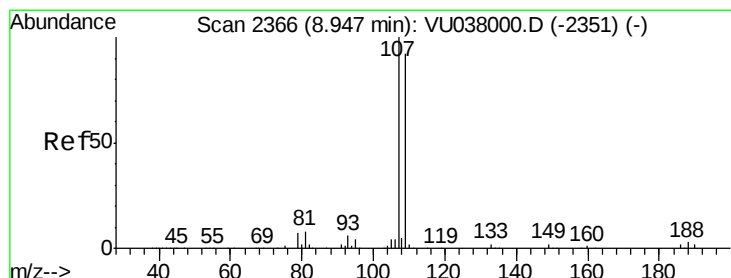
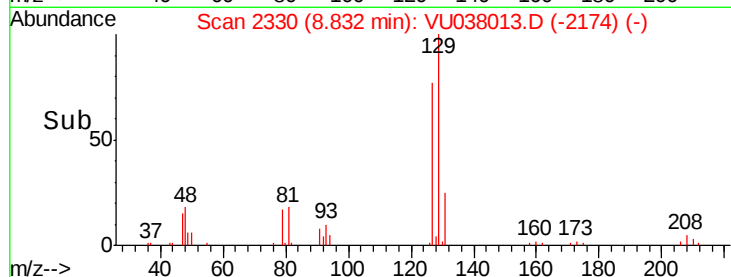
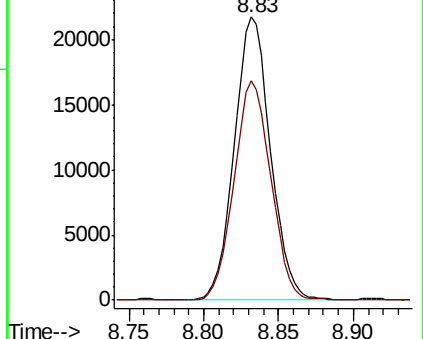
129 100

127 78.7 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: 1.897 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038013.D

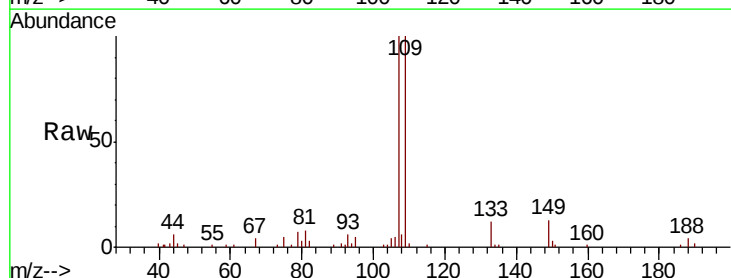
Acq: 05 May 2020 13:14

Tgt Ion:107 Resp: 31540

Ion Ratio Lower Upper

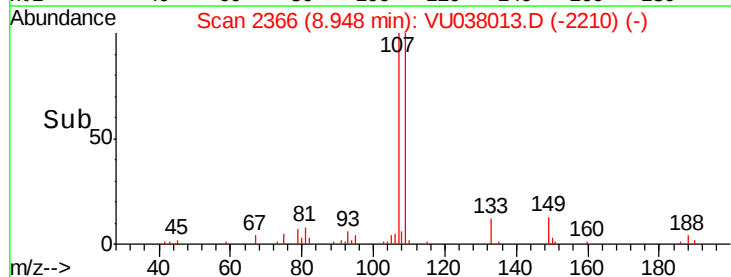
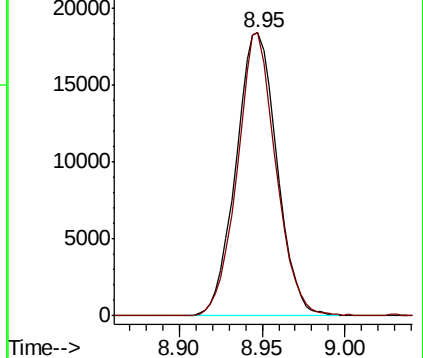
107 100

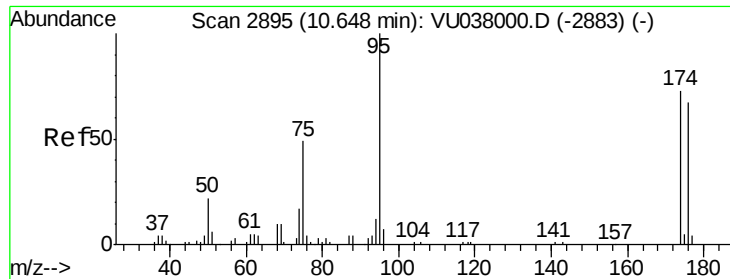
109 94.1 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

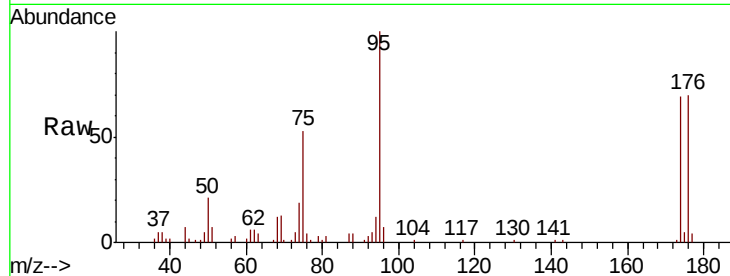




#57
4-Bromofluorobenzene
Concen: 0.968 ug/l
RT: 10.65 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	95	Resp	31581
Ion Ratio	Lower	Upper	
95	100		
174	68.8	61.2	91.8
176	71.3	57.1	85.7

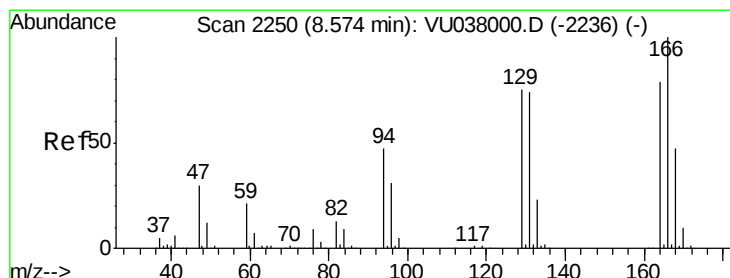
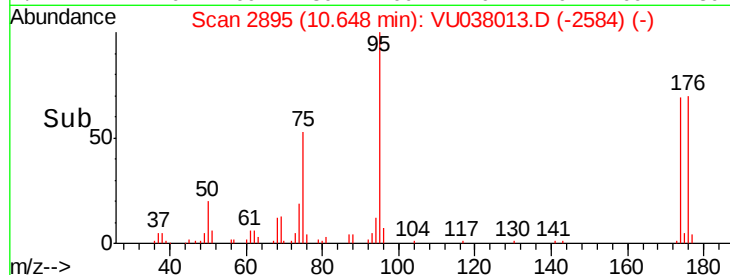
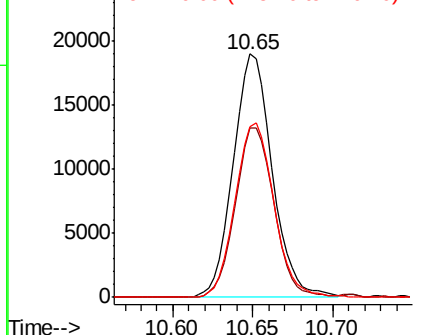


Abundance

Ion 95.00 (94.70 to 95.70): VU038013.D (-2584) (-)

Ion 174.00 (173.70 to 174.70): VU038013.D (-2584) (-)

Ion 176.00 (175.70 to 176.70): VU038013.D (-2584) (-)



#58
Tetrachloroethene
Concen: 2.122 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion	164	Resp	51618
Ion Ratio	Lower	Upper	
164	100		
166	121.8	101.5	152.3
129	97.1	76.6	114.8
131	89.1	75.0	112.4

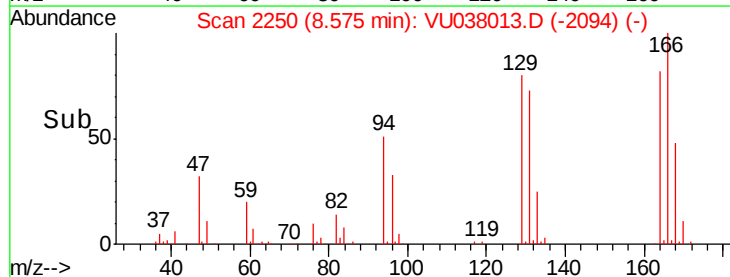
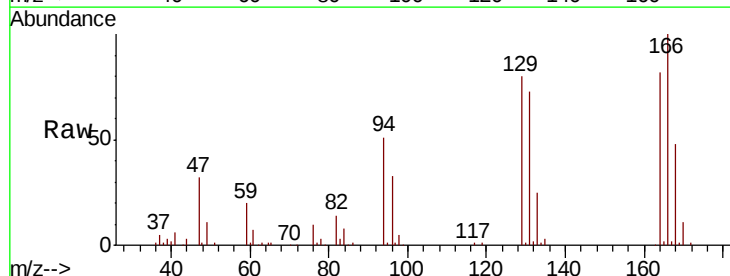
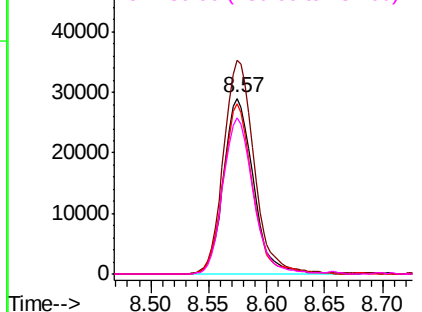
Abundance

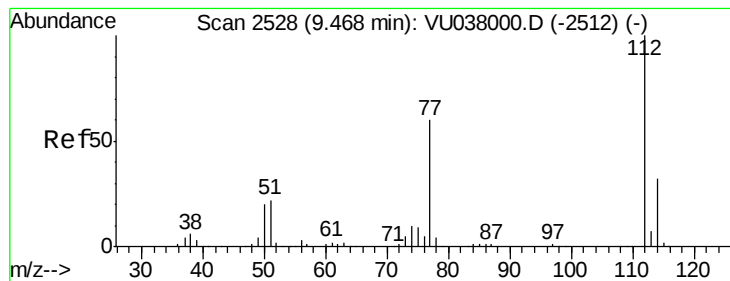
Ion 163.85 (163.55 to 164.55): VU038013.D (-2094) (-)

Ion 165.80 (165.50 to 166.50): VU038013.D (-2094) (-)

Ion 128.90 (128.60 to 129.60): VU038013.D (-2094) (-)

Ion 130.90 (130.60 to 131.60): VU038013.D (-2094) (-)





#59

Chlorobenzene

Concen: 1.988 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

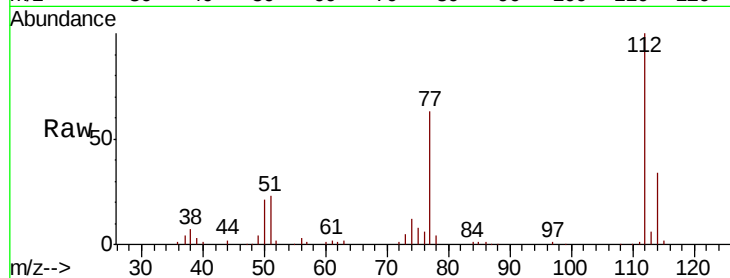
ClientSampled :

Tot Ion:112 Resp: 132470

Ion Ratio Lower Upper

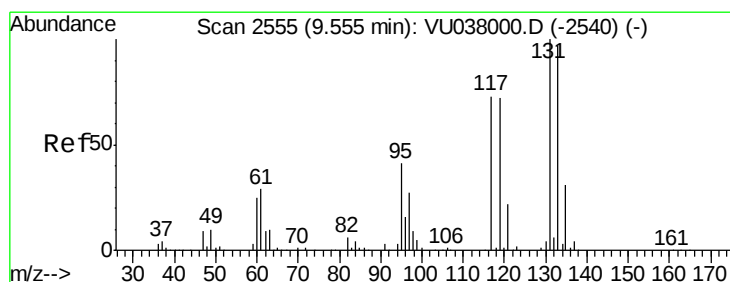
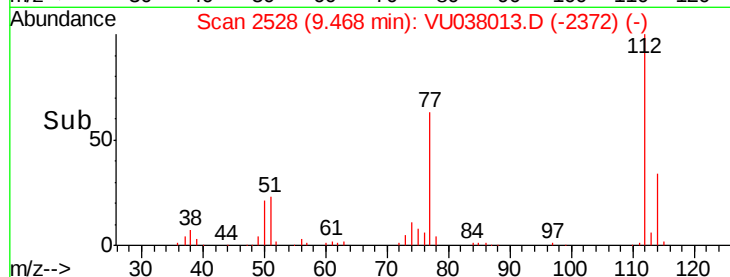
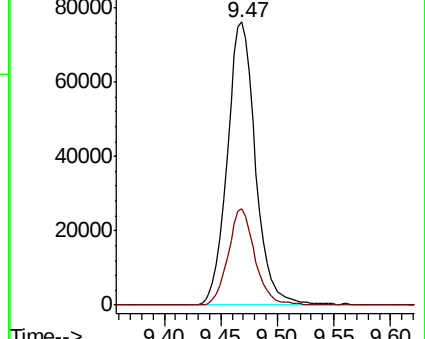
112 100

114 34.2 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: 1.869 ug/l

RT: 9.55 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

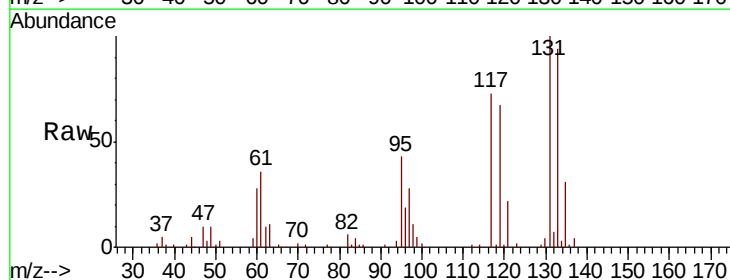
Tgt Ion:131 Resp: 37822

Ion Ratio Lower Upper

131 100

133 96.8 76.8 115.2

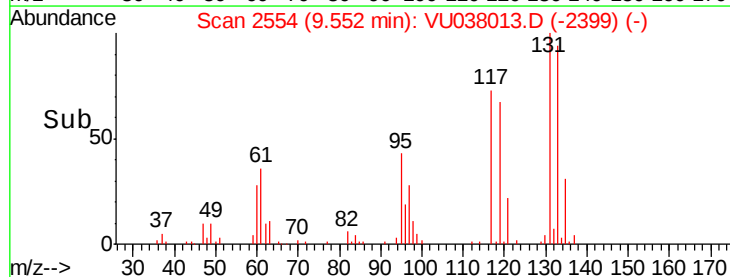
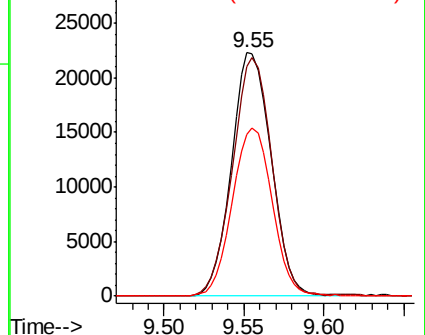
119 69.3 56.7 85.1

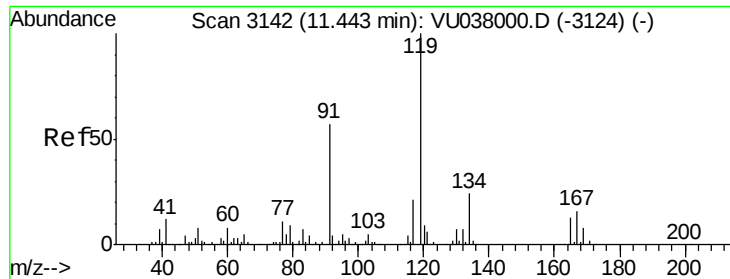


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

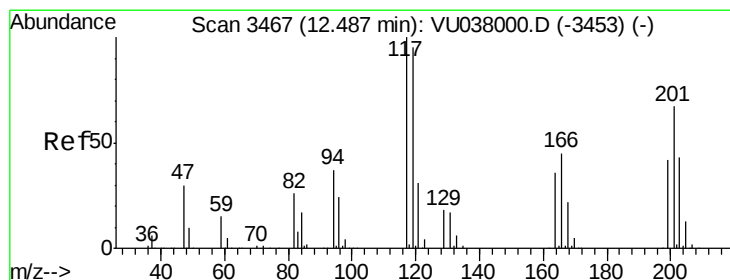
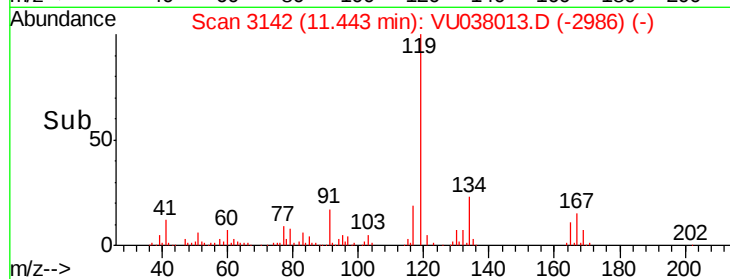
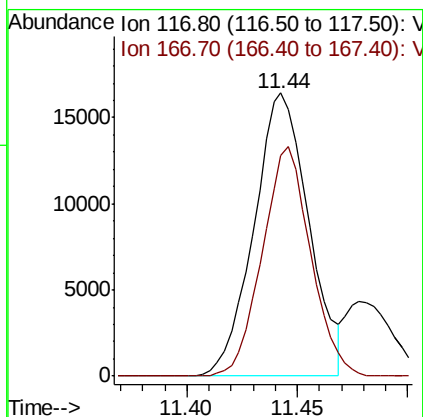
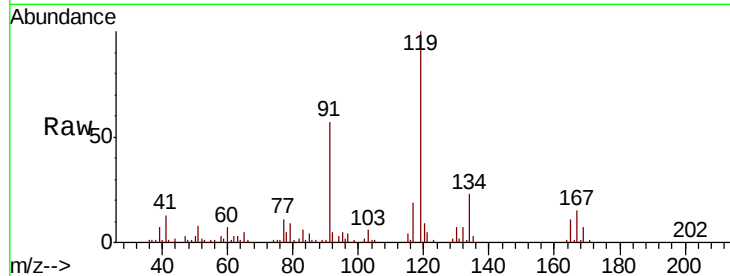




#61
 Pentachloroethane
 Concen: 1.865 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

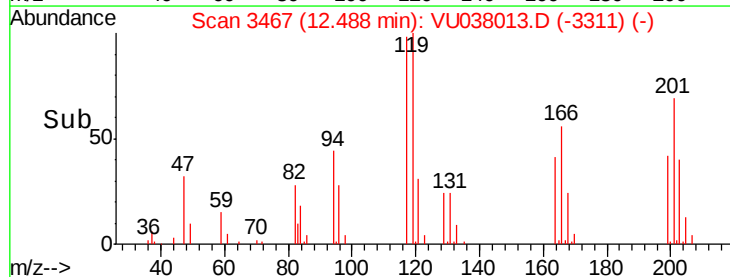
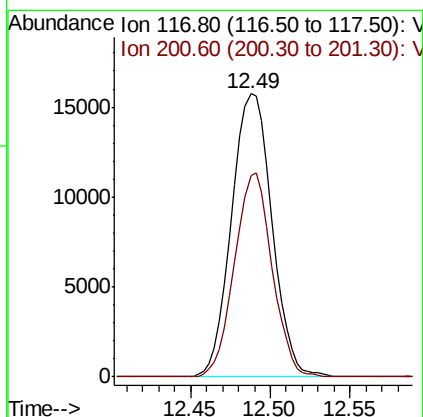
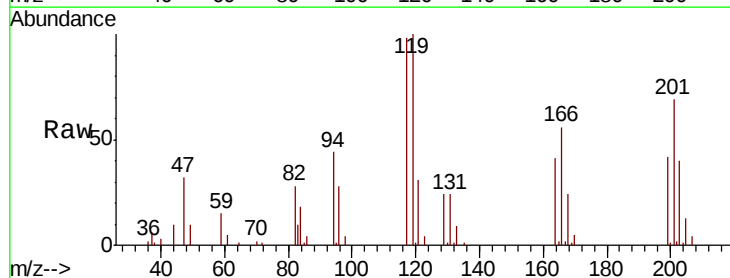
Instrument :
 MSVOA_U
 ClientSampled :

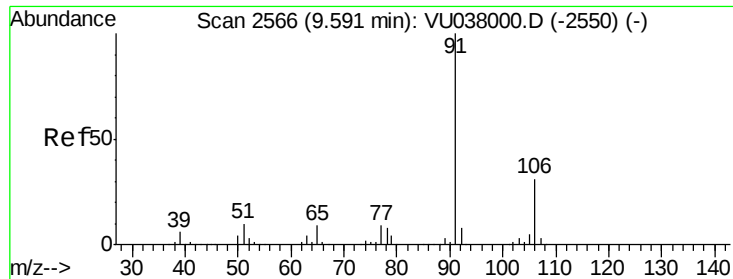
Tot Ion:117 Resp: 28262
 Ion Ratio Lower Upper
 117 100
 167 71.4 60.3 90.5



#62
 Hexachloroethane
 Concen: 1.721 ug/l
 RT: 12.49 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion:117 Resp: 27151
 Ion Ratio Lower Upper
 117 100
 201 66.8 54.7 82.1

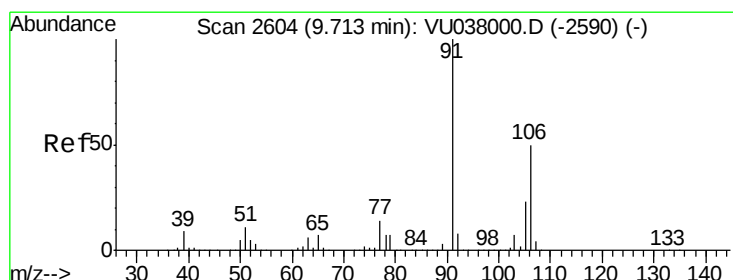
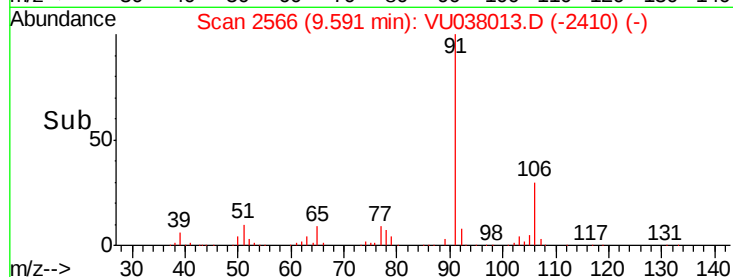
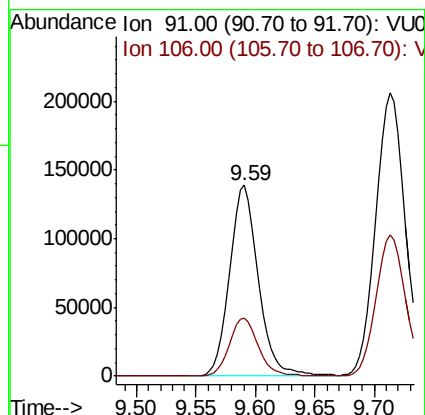
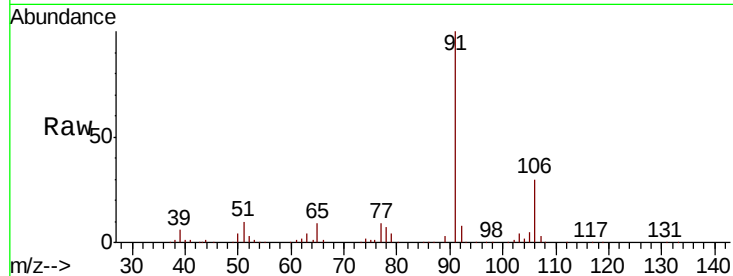




#63
Ethyl Benzene
Concen: 1.966 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

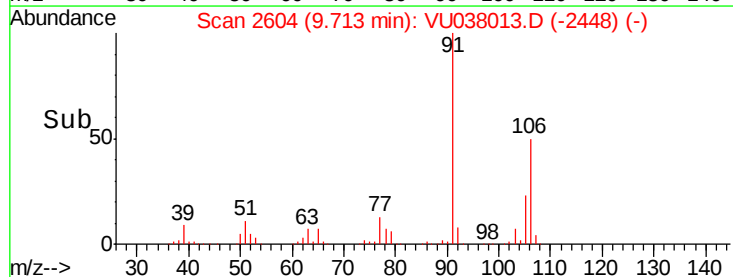
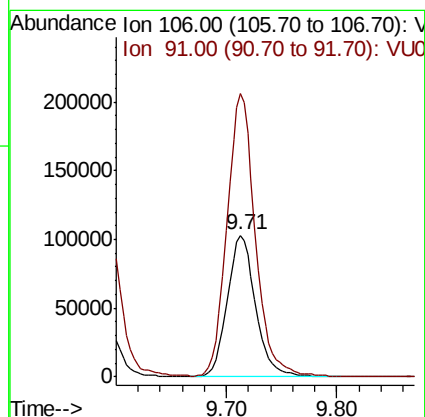
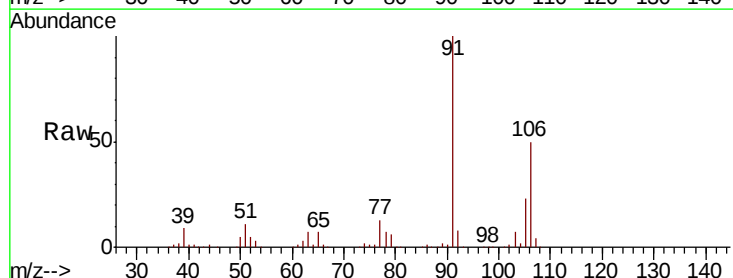
Instrument :
MSVOA_U
ClientSampled :

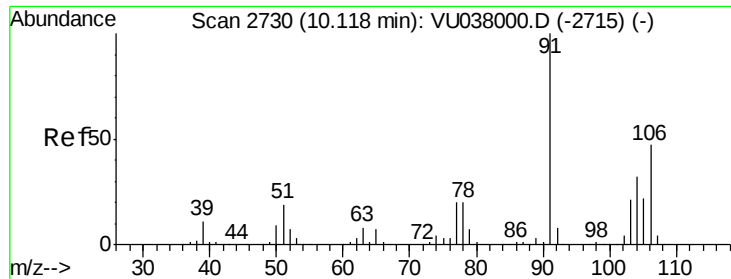
Tot Ion: 91 Resp: 233051
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



#64
m/p-Xylenes
Concen: 3.999 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038013.D
Acq: 05 May 2020 13:14

Tgt Ion: 106 Resp: 182479
Ion Ratio Lower Upper
106 100
91 199.9 159.5 239.3





#65

o-Xylene

Concen: 1.939 ug/l

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

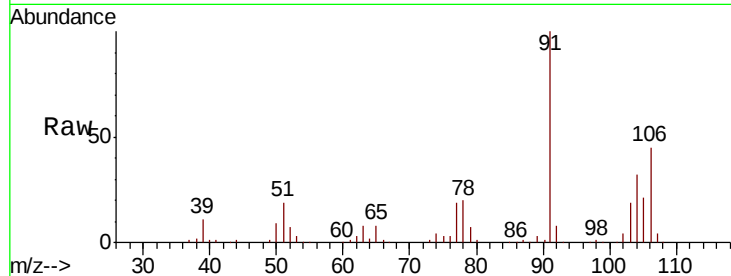
ClientSampled :

Tot Ion:106 Resp: 86237

Ion Ratio Lower Upper

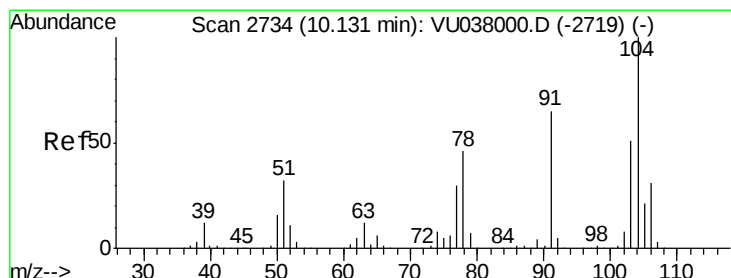
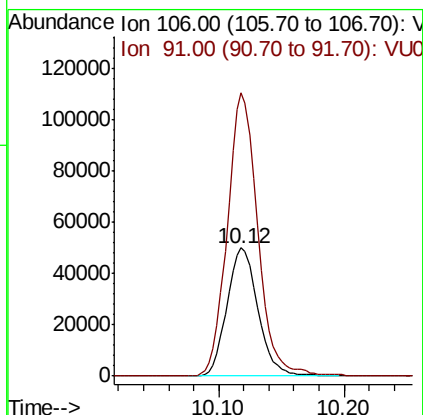
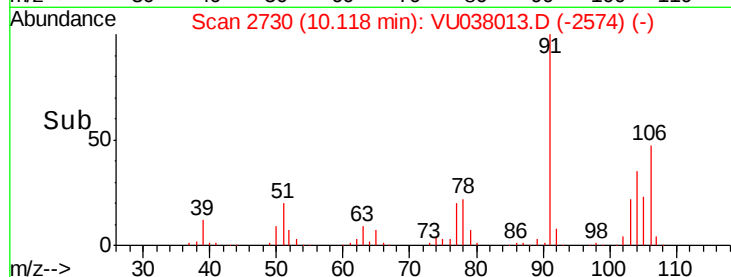
106 100

91 215.1 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.976 ug/l

RT: 10.13 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

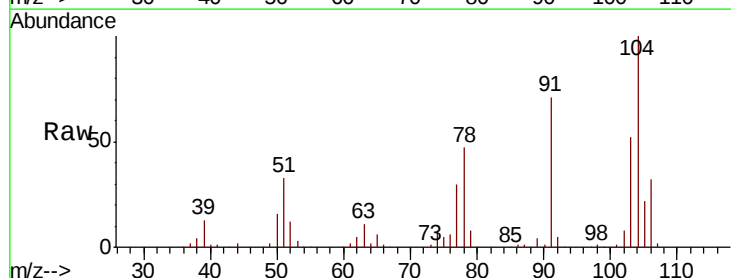
Tgt Ion:104 Resp: 144817

Ion Ratio Lower Upper

104 100

78 49.9 39.9 59.9

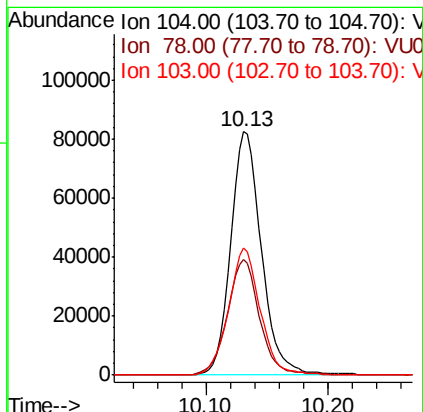
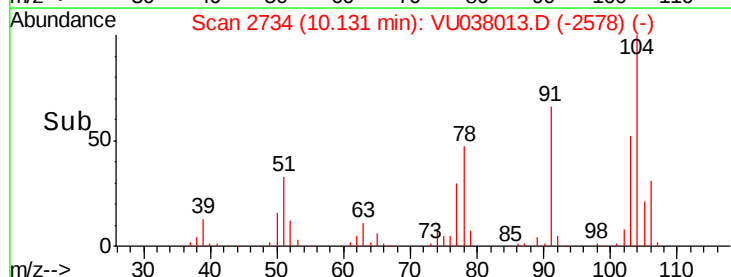
103 53.7 43.4 65.2

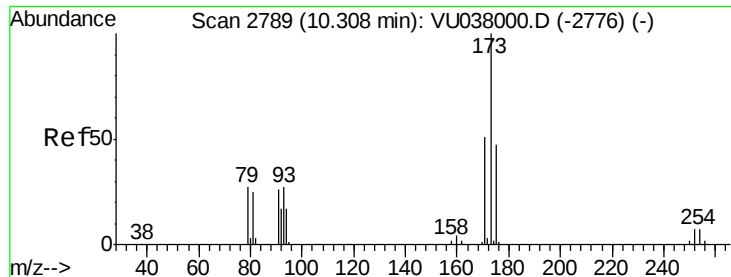


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

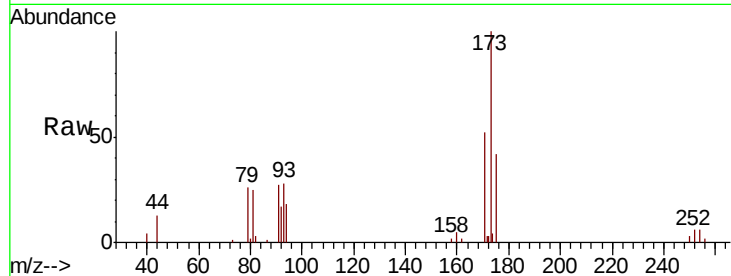




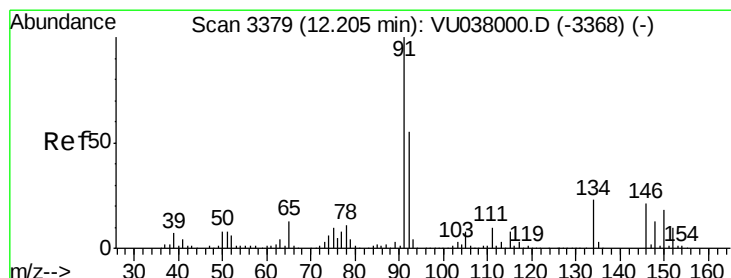
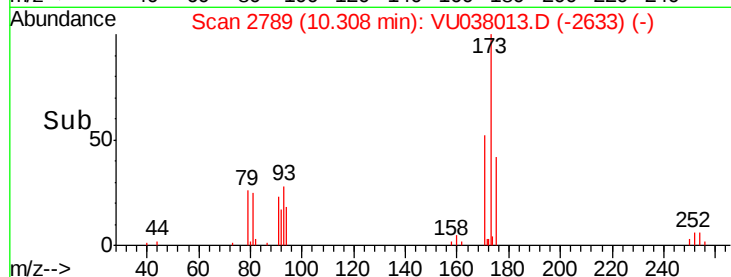
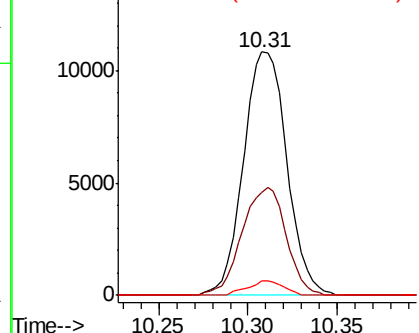
#67
 Bromoform
 Concen: 1.787 ug/l
 RT: 10.31 min Scan# 2789
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:173 Resp: 18356
 Ion Ratio Lower Upper
 173 100
 175 45.0 37.6 56.4
 254 5.0 5.5 8.3#

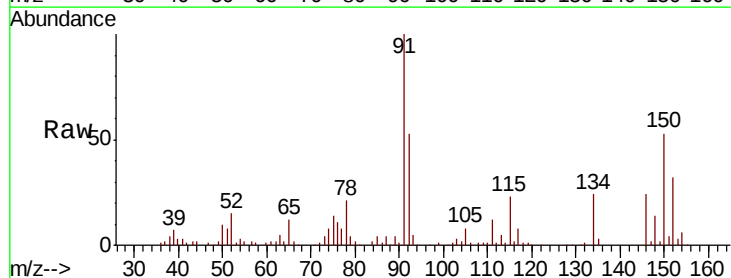


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

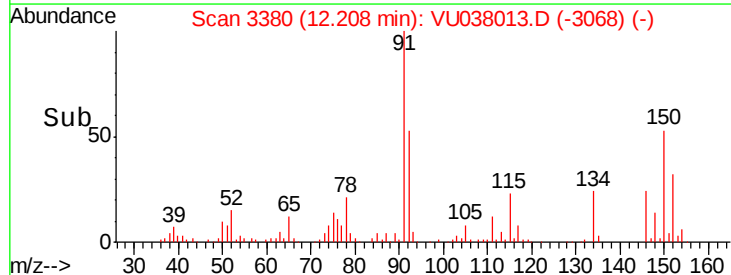
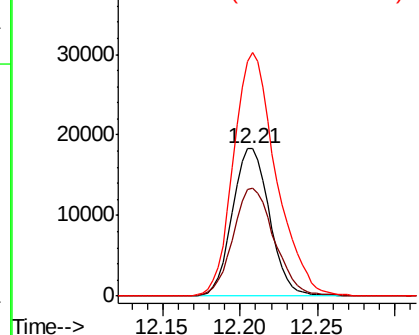


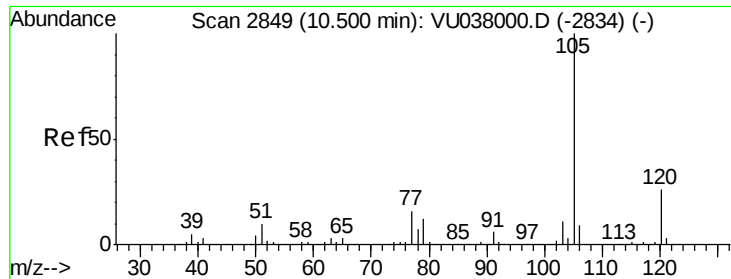
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.970 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion:152 Resp: 30638
 Ion Ratio Lower Upper
 152 100
 115 81.2 0.0 261.0
 150 188.2 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: 1.959 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

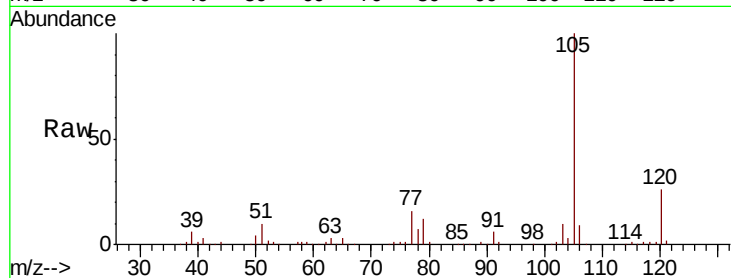
ClientSampleId :

Tot Ion:105 Resp: 227476

Ion Ratio Lower Upper

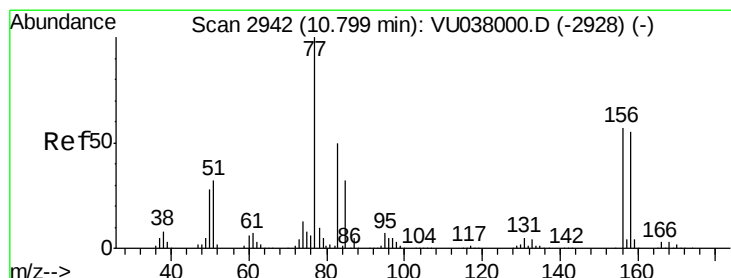
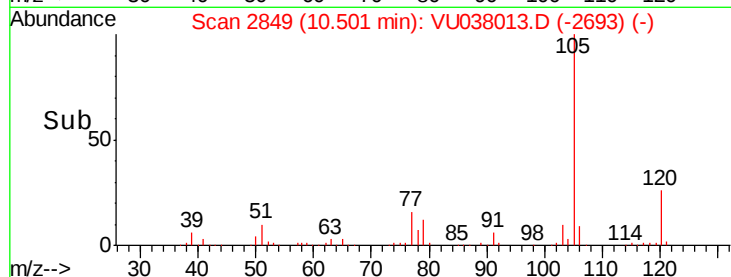
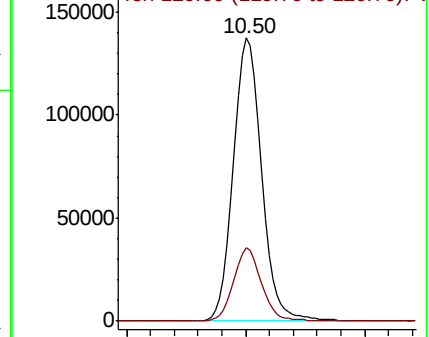
105 100

120 25.5 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: 1.935 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

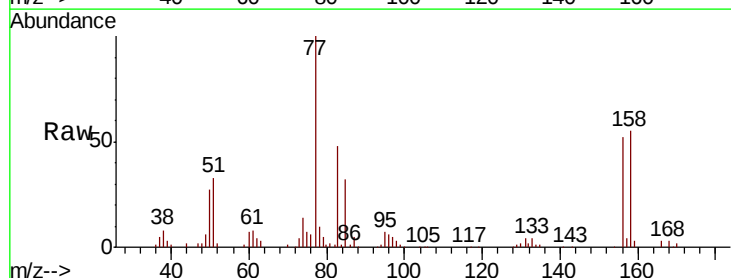
Tgt Ion: 83 Resp: 43689

Ion Ratio Lower Upper

83 100

131 8.9 7.2 10.8

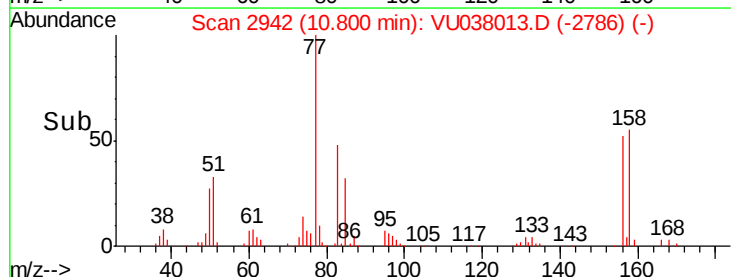
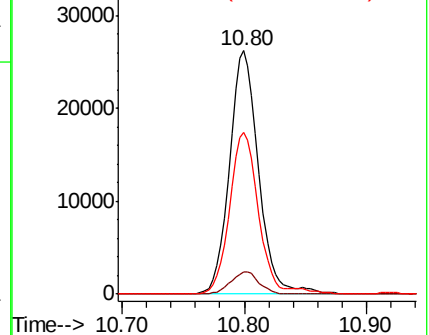
85 64.9 50.0 75.0

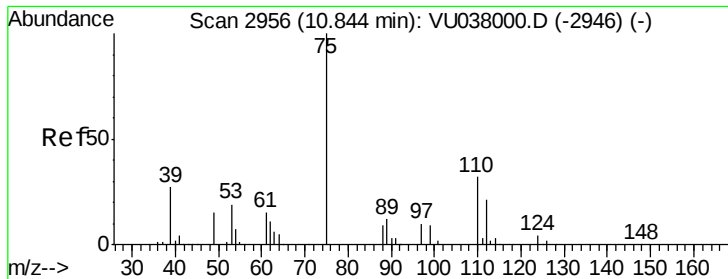


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

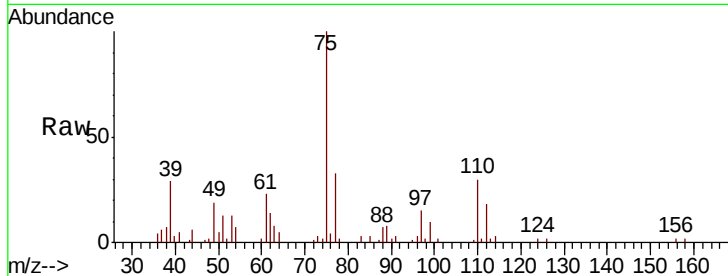




#71
 1,2,3-Trichloropropane
 Concen: 3.256 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	54364
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	108.6
110	22.5	0.0	79.4
97	10.4	0.0	40.4



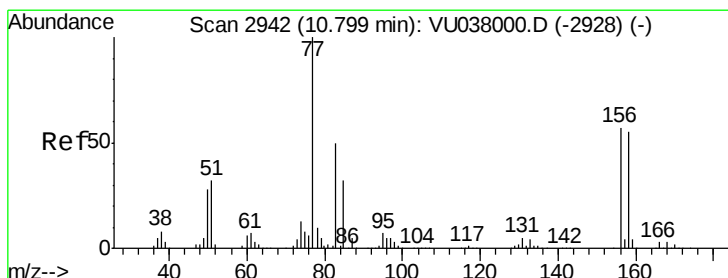
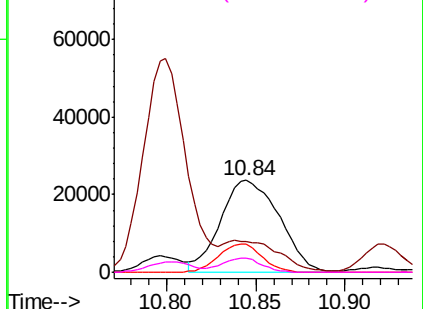
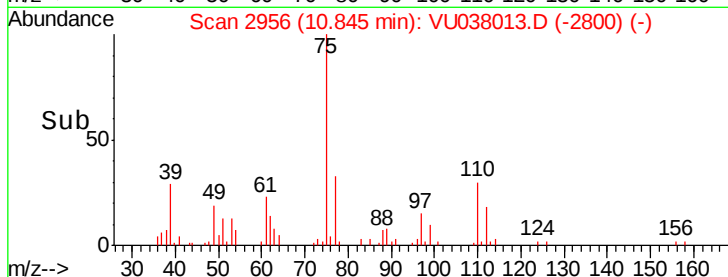
Abundance

Ion 75.00 (74.70 to 75.70): VU038013.D (-2946) (-)

Ion 77.00 (76.70 to 77.70): VU038013.D (-2946) (-)

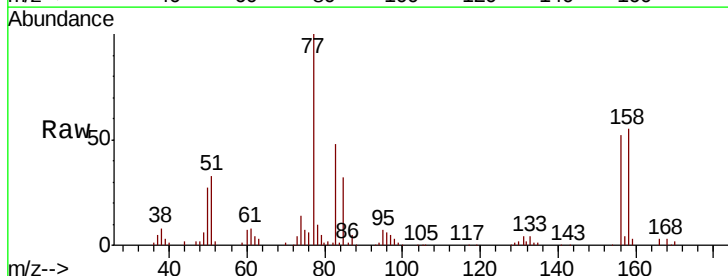
Ion 110.00 (109.70 to 110.70): VU038013.D (-2946) (-)

Ion 97.00 (96.70 to 97.70): VU038013.D (-2946) (-)



#72
 Bromobenzene
 Concen: 1.903 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion:	156	Resp:	49365
Ion	Ratio	Lower	Upper
156	100		
77	188.2	0.0	355.6
158	100.8	0.0	194.0

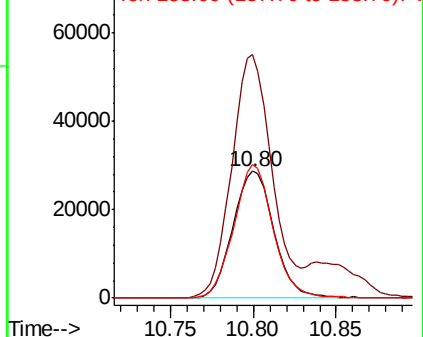
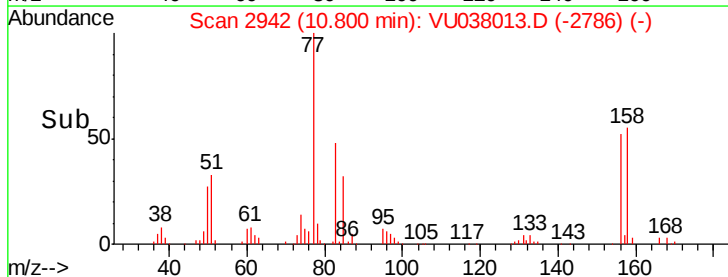


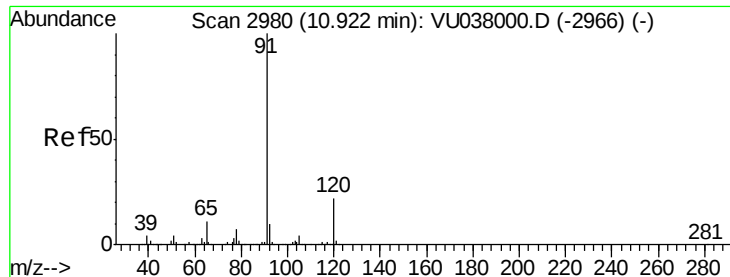
Abundance

Ion 156.00 (155.70 to 156.70): VU038013.D (-2786) (-)

Ion 77.00 (76.70 to 77.70): VU038013.D (-2786) (-)

Ion 158.00 (157.70 to 158.70): VU038013.D (-2786) (-)





#73

n-propylbenzene

Concen: 1.980 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

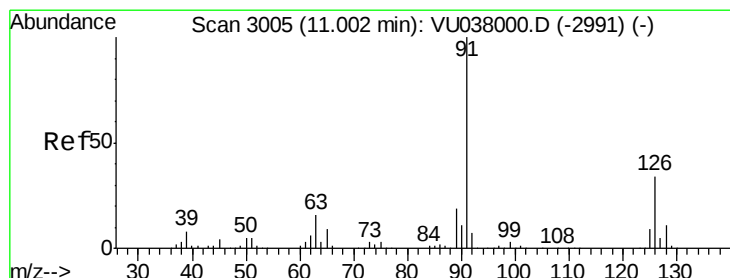
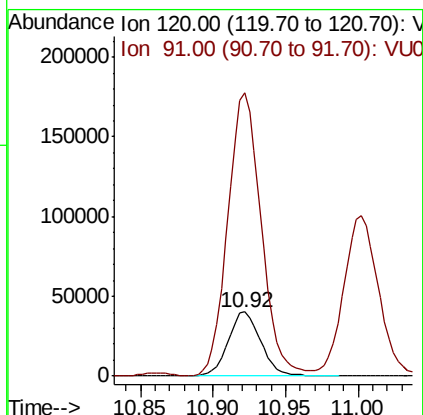
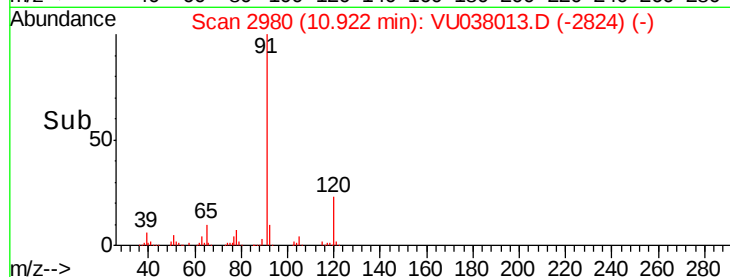
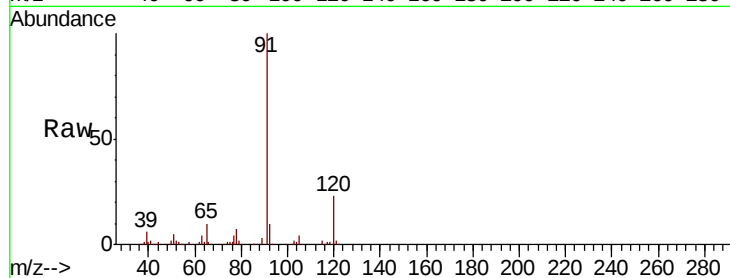
ClientSampleId :

Tot Ion:120 Resp: 63107

Ion Ratio Lower Upper

120 100

91 448.8 355.4 533.0



#74

2-Chlorotoluene

Concen: 1.983 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038013.D

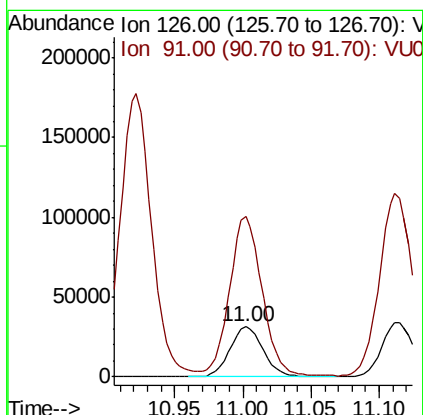
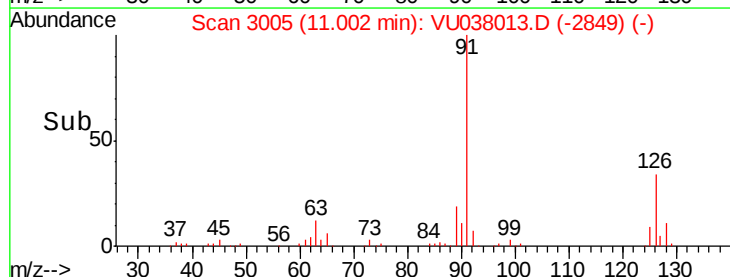
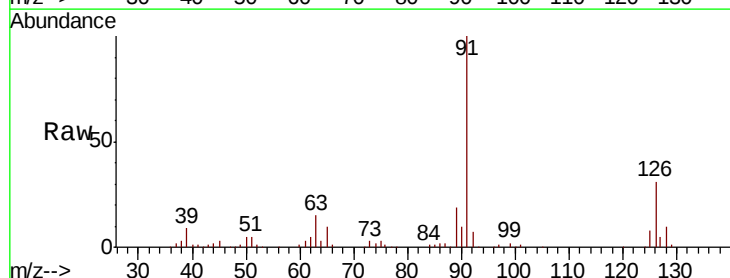
Acq: 05 May 2020 13:14

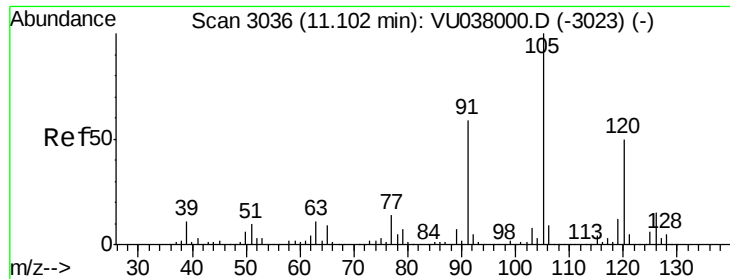
Tgt Ion:126 Resp: 53045

Ion Ratio Lower Upper

126 100

91 317.6 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 1.978 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

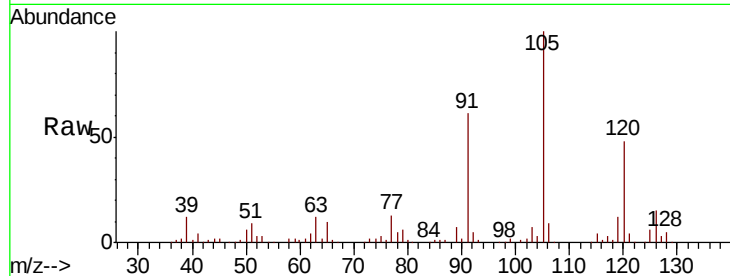
ClientSampled :

Tot Ion:105 Resp: 190193

Ion Ratio Lower Upper

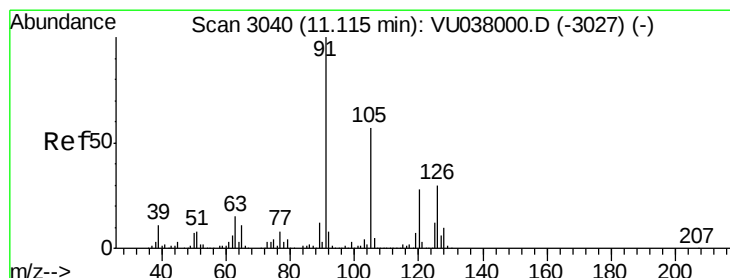
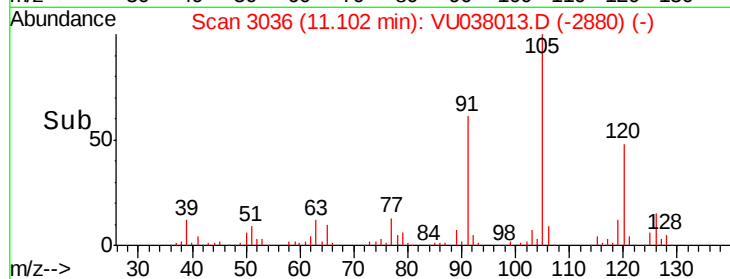
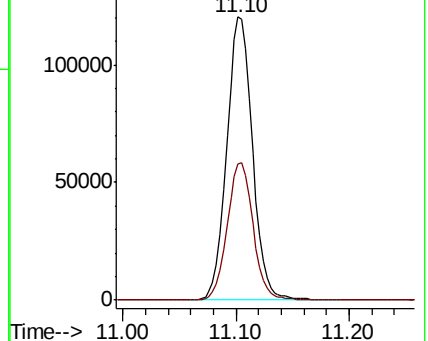
105 100

120 48.9 39.8 59.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.999 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU038013.D

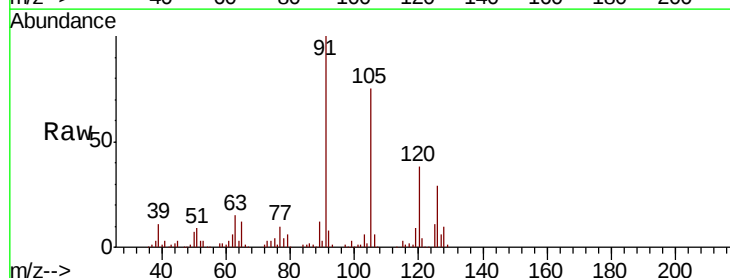
Acq: 05 May 2020 13:14

Tgt Ion:126 Resp: 55545

Ion Ratio Lower Upper

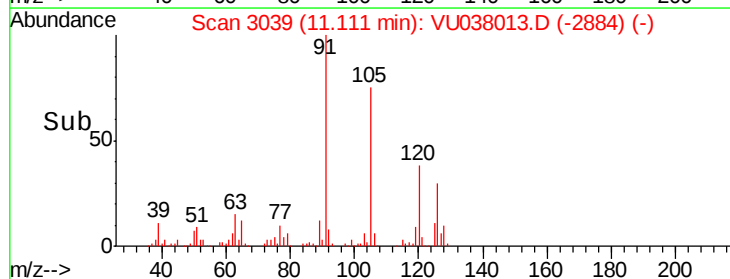
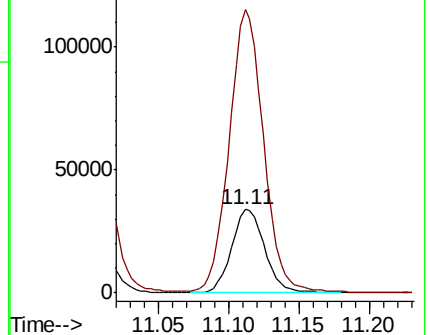
126 100

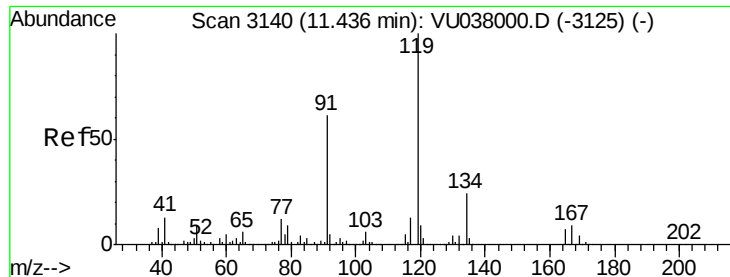
91 355.3 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.961 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

ClientSampled :

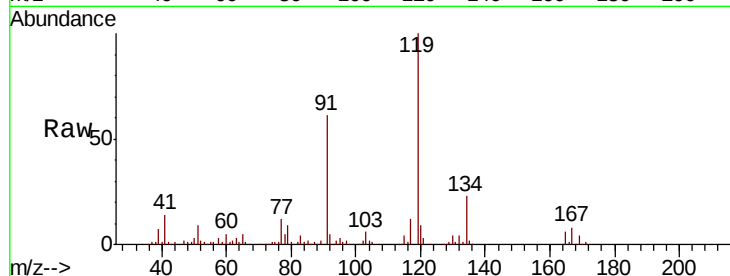
Tot Ion:119 Resp: 179400

Ion Ratio Lower Upper

119 100

91 61.1 30.1 90.5

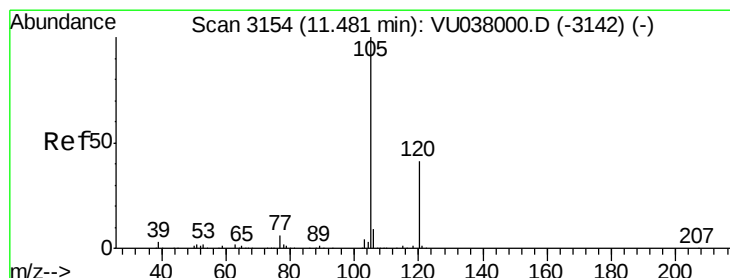
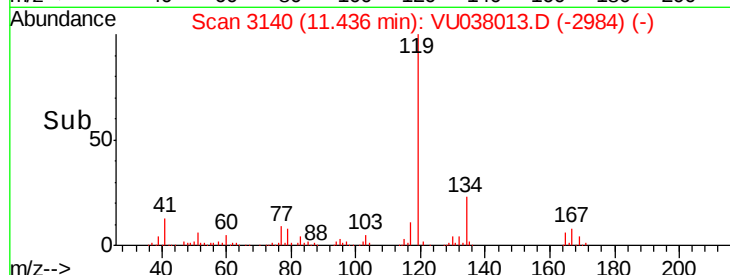
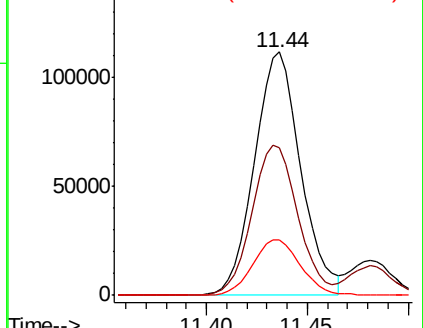
134 23.7 19.0 28.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.973 ug/l

RT: 11.48 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VU038013.D

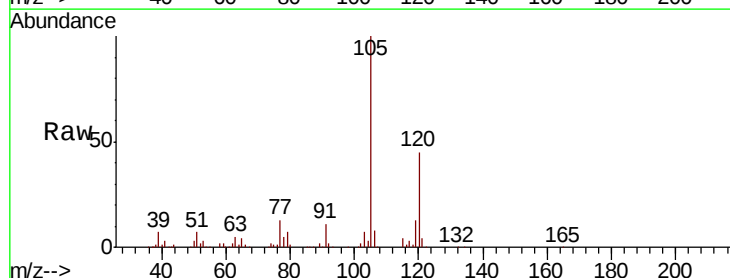
Acq: 05 May 2020 13:14

Tgt Ion:105 Resp: 195277

Ion Ratio Lower Upper

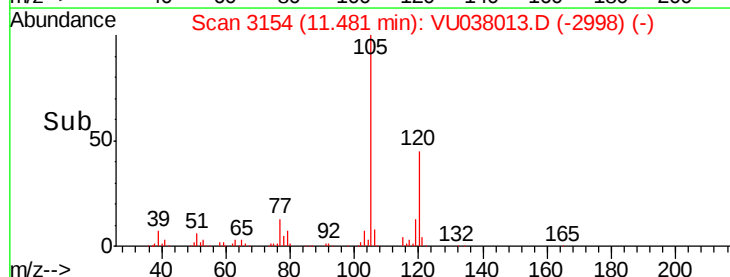
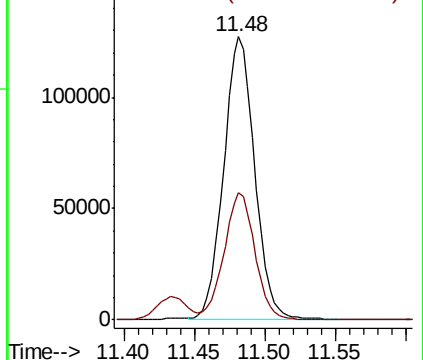
105 100

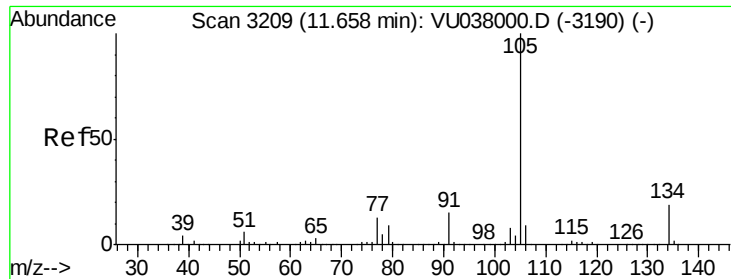
120 45.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.973 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

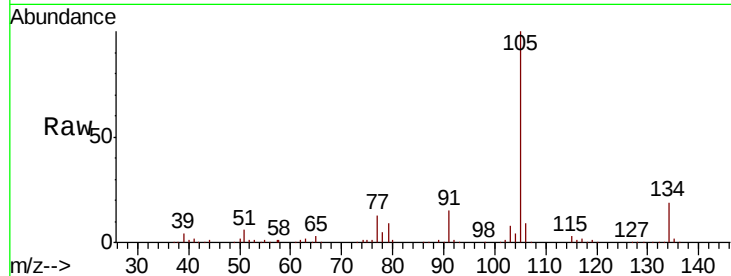
ClientSampleId :

Tot Ion:105 Resp: 258604

Ion Ratio Lower Upper

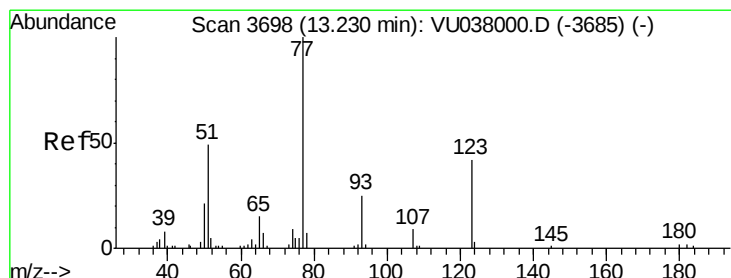
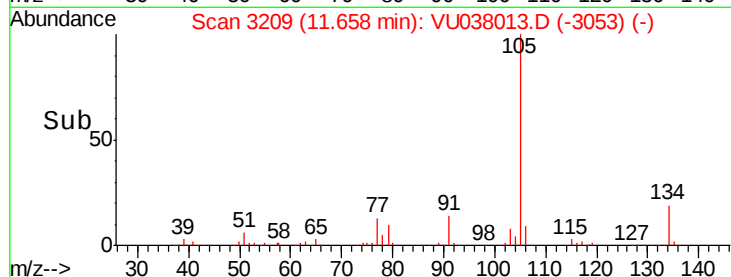
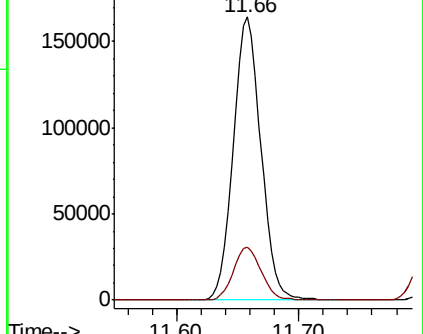
105 100

134 18.9 15.4 23.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 7.521 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

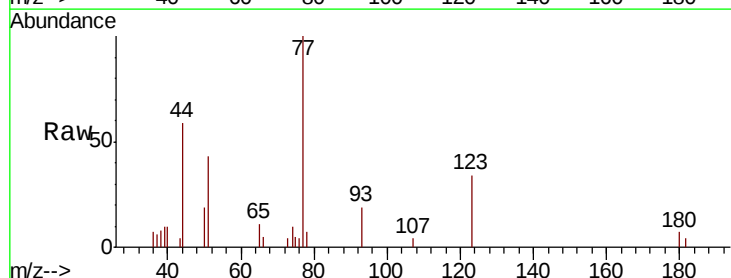
Tgt Ion: 77 Resp: 5035

Ion Ratio Lower Upper

77 100

123 33.5 17.6 62.6

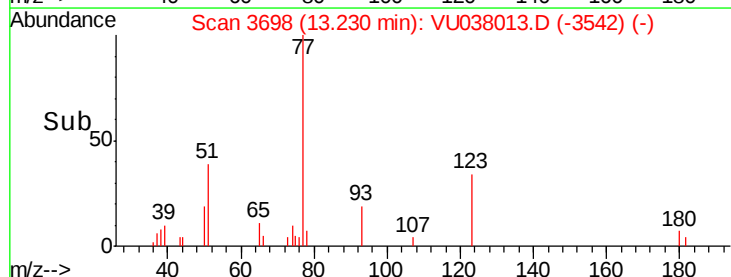
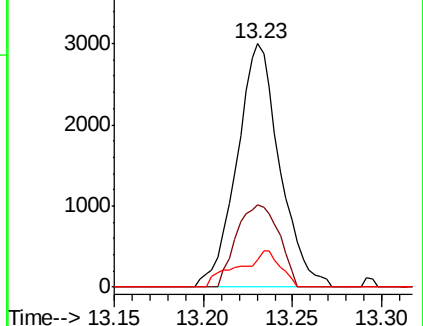
65 14.8 13.2 16.8

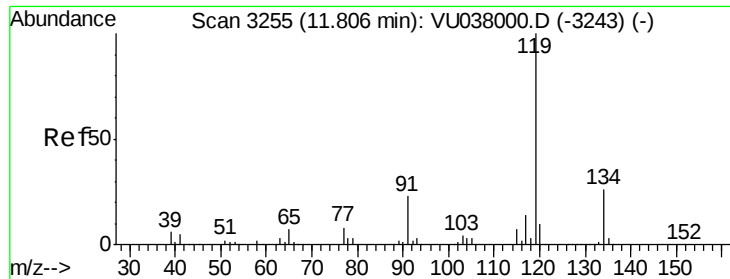


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

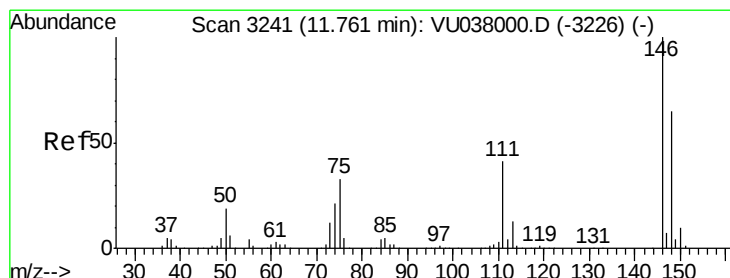
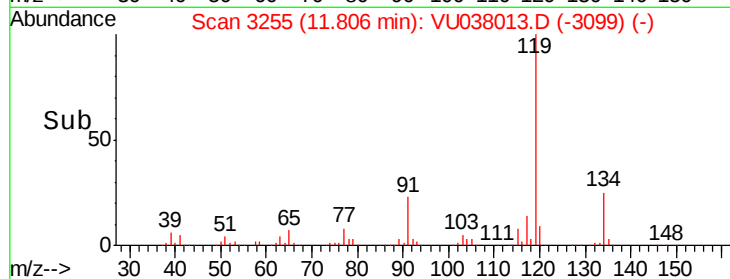
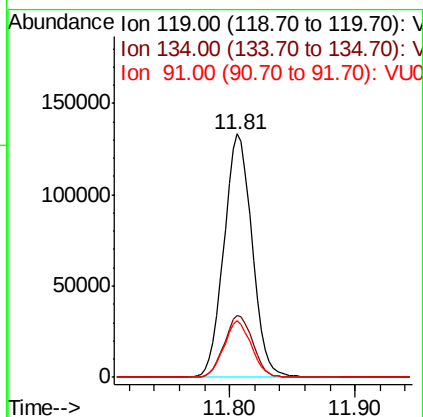
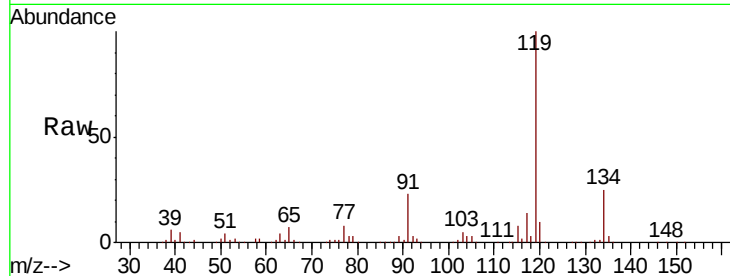




#81
 p-Isopropyltoluene
 Concen: 1.961 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

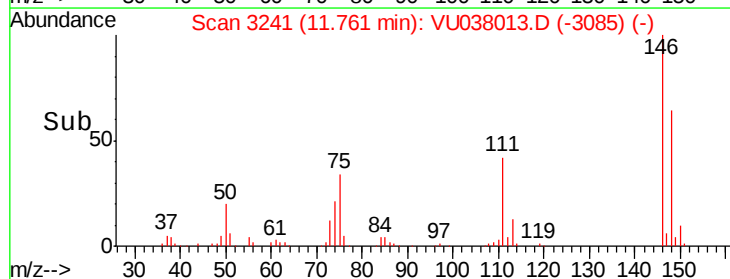
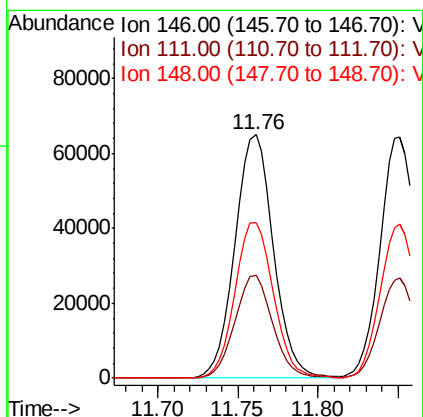
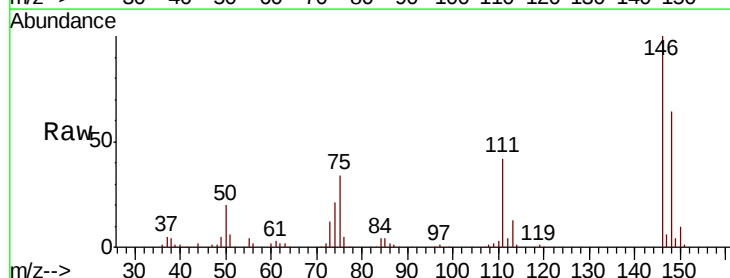
Instrument :
 MSVOA_U
 ClientSampleId :

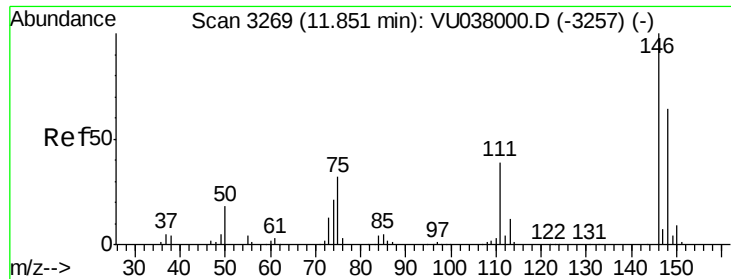
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	31.0
91	22.8	18.6	28.0



#82
 1,3-Dichlorobenzene
 Concen: 1.984 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	33.0	49.4
148	63.9	51.4	77.2

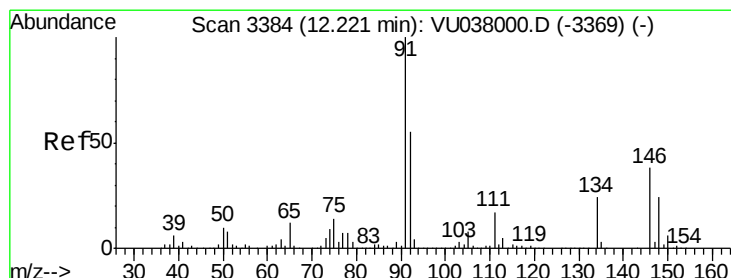
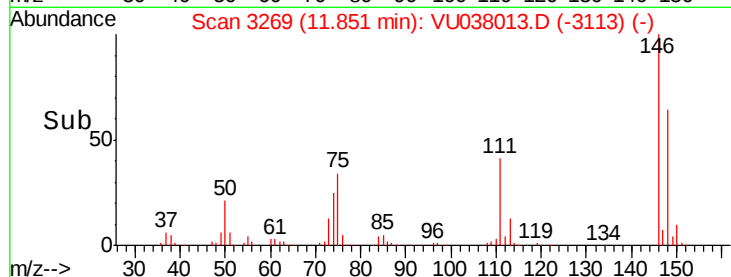
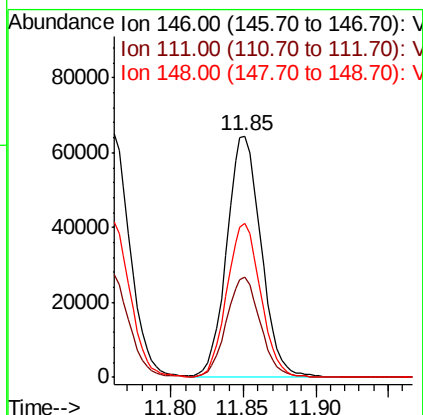
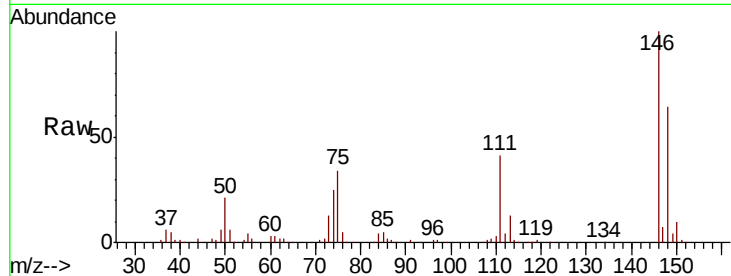




#83
 1,4-Dichlorobenzene
 Concen: 1.949 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

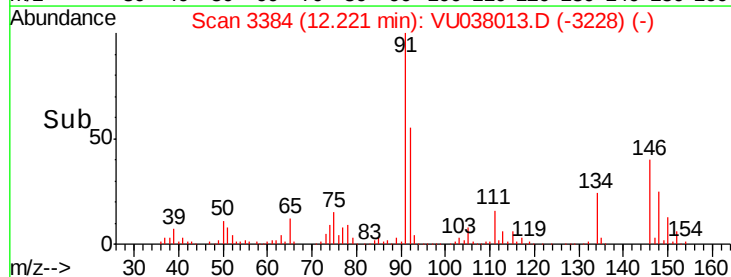
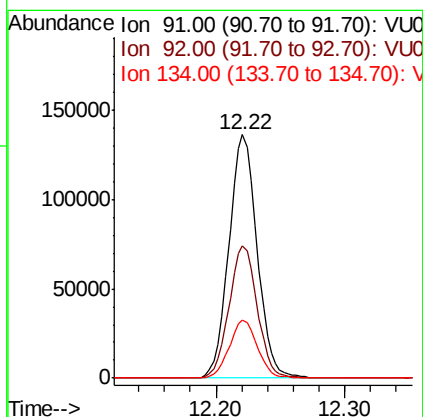
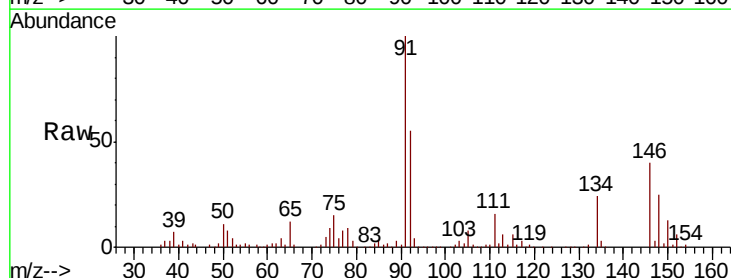
Instrument :
 MSVOA_U
 ClientSampled :

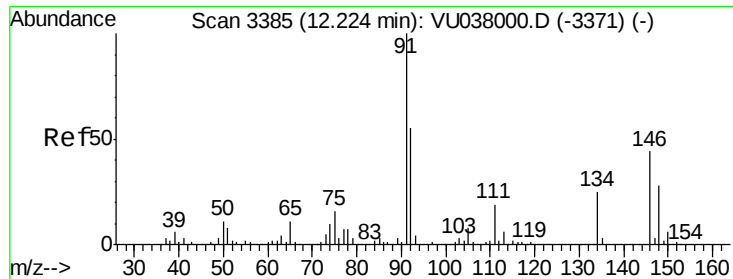
Tot Ion:146 Resp: 105962
 Ion Ratio Lower Upper
 146 100
 111 40.9 31.8 47.6
 148 62.8 51.2 76.8



#84
 n-Butylbenzene
 Concen: 1.961 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion: 91 Resp: 207152
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.8 65.6
 134 23.9 19.4 29.2

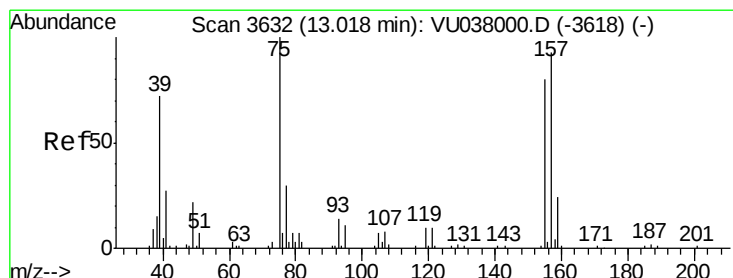
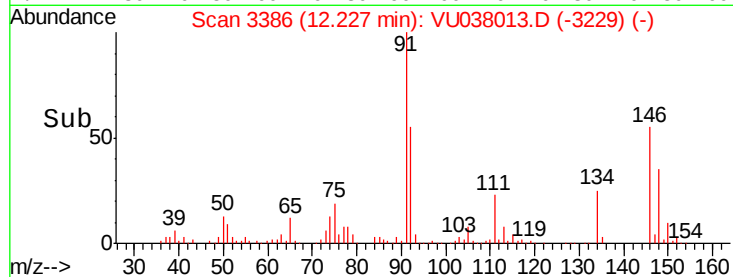
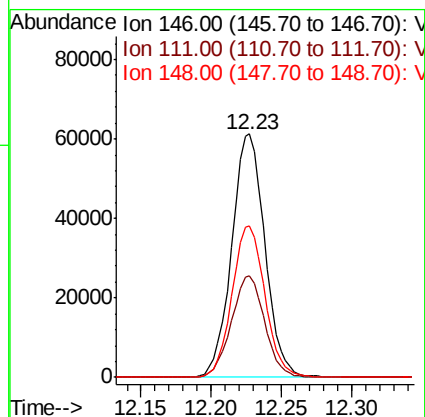
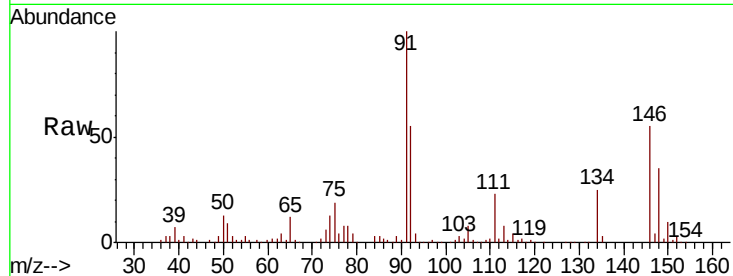




#85
 1,2-Dichlorobenzene
 Concen: 2.019 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

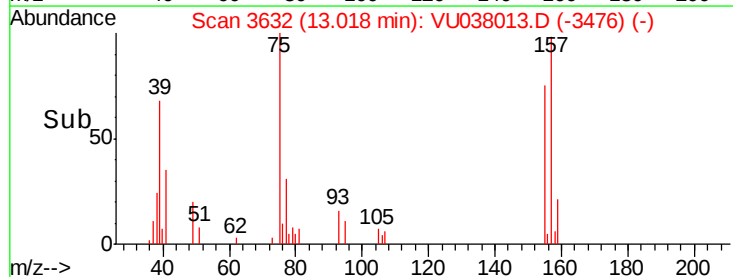
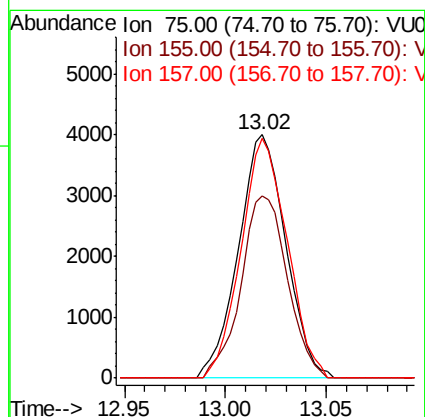
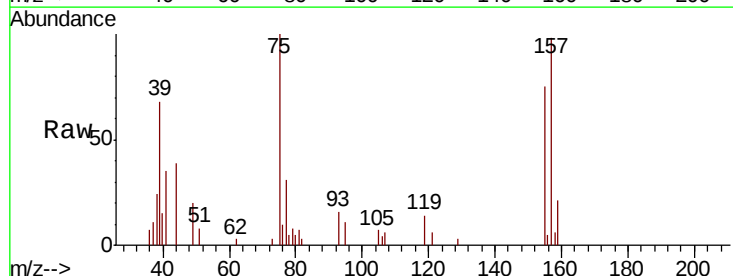
Instrument :
 MSVOA_U
 ClientSampleId :

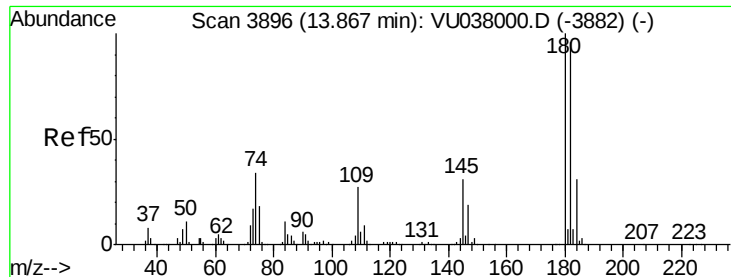
Tot Ion:146 Resp: 100932
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.9 65.8
 148 61.8 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.850 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion: 75 Resp: 6576
 Ion Ratio Lower Upper
 75 100
 155 73.2 60.9 91.3
 157 95.9 78.1 117.1

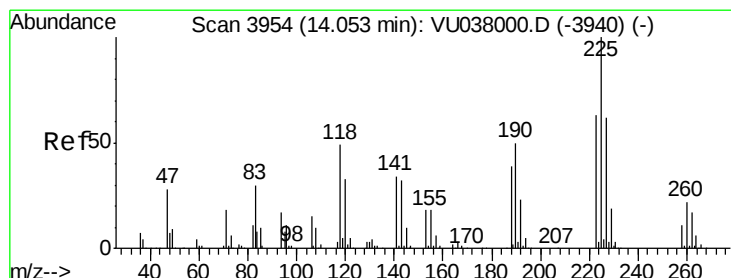
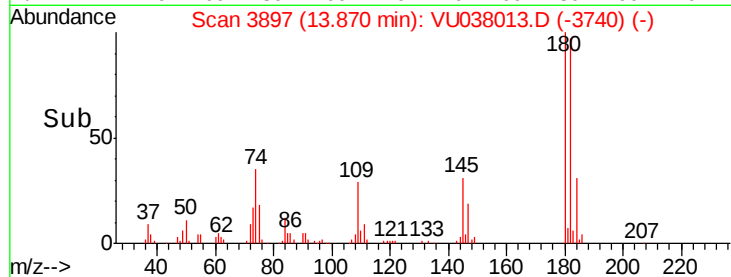
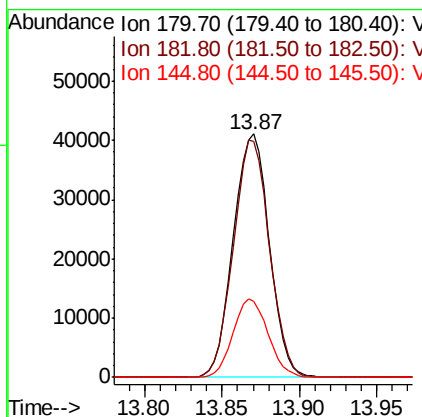
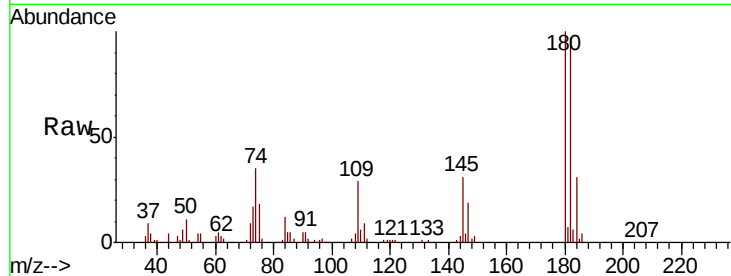




#87
 1,2,4-Trichlorobenzene
 Concen: 1.820 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

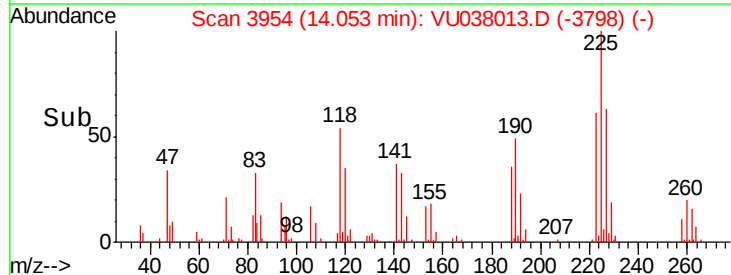
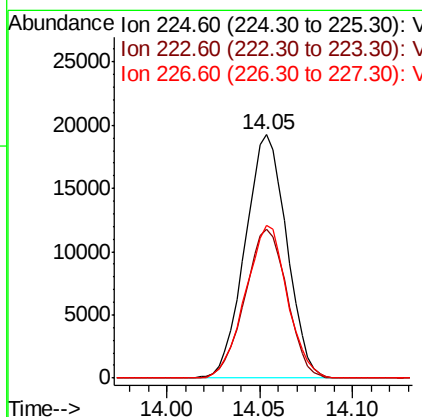
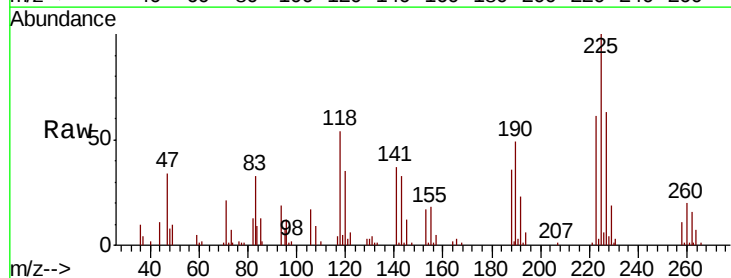
Instrument :
 MSVOA_U
 ClientSampled :

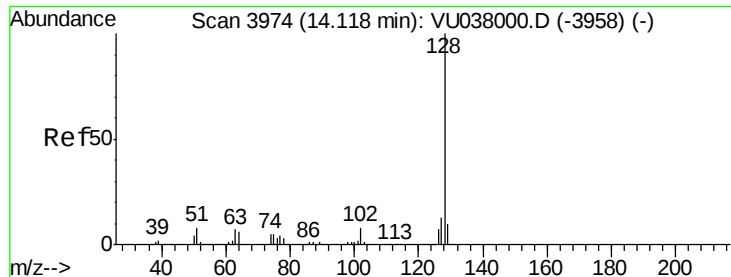
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.9	115.3
145	31.1	24.7	37.1



#88
 Hexachlorobutadiene
 Concen: 1.846 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU038013.D
 Acq: 05 May 2020 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.3	76.9
227	63.0	49.2	73.8





#89

Naphthalene

Concen: 1.781 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

Instrument :

MSVOA_U

ClientSampleId :

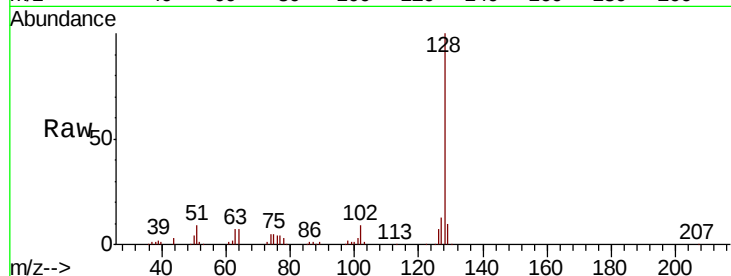
Tot Ion:128 Resp: 125166

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

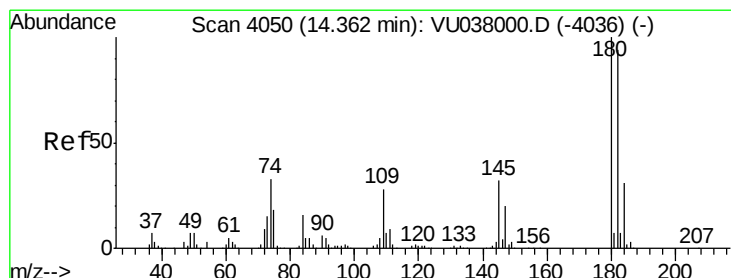
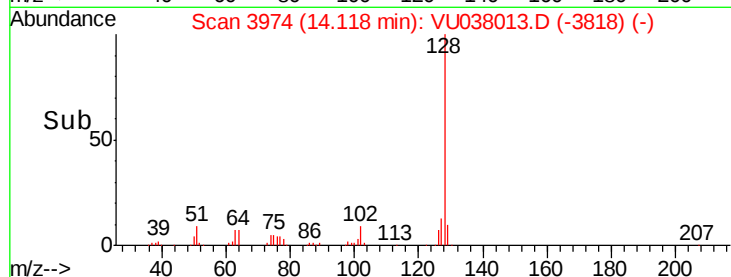
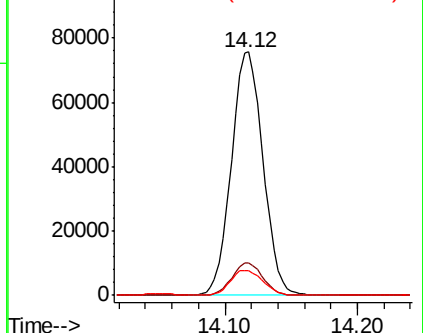
129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.852 ug/l

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU038013.D

Acq: 05 May 2020 13:14

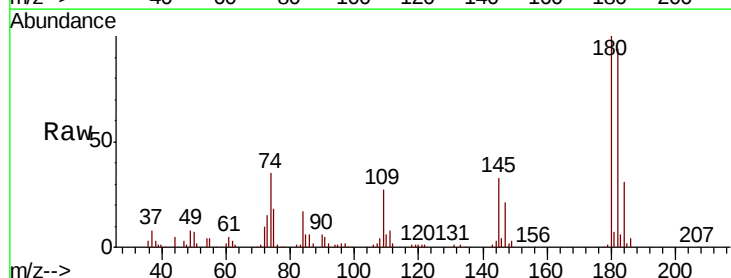
Tgt Ion:180 Resp: 60329

Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 33.0 26.0 39.0



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

