

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037139.D
 Acq On : 09 Mar 2020 18:30
 Operator : JC/MD
 Sample : VU0309WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

Quant Time: Mar 09 19:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 18:12:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	15484	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	5716	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6136	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	15294	2.023 ug/l	98
3) Chloromethane	1.54	50	15758	2.097 ug/l	98
4) Vinyl Chloride	1.62	62	13379	2.025 ug/l	97
5) Bromomethane	1.87	94	5107	2.217 ug/l	99
6) Chloroethane	1.95	64	6440	2.035 ug/l	98
7) Trichlorofluoromethane	2.16	101	16549	2.062 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	7960	2.114 ug/l	95
9) 1,1-Dichloroethene	2.60	96	7546	2.107 ug/l	80
10) Iodomethane	2.75	142	1575	1.012 ug/l #	74
11) Allyl Chloride	2.95	41	14364	2.069 ug/l #	63
12) Acrylonitrile	3.36	53	3472	4.099 ug/l	89
13) Acetone	2.66	43	9257	9.834 ug/l #	74
14) Carbon Disulfide	2.82	76	24687	2.070 ug/l	97
15) Methylene Chloride	3.08	84	10413	2.316 ug/l #	71
16) trans-1,2-Dichloroethene	3.39	96	7779	2.046 ug/l #	79
17) 1,1-Dichloroethane	3.91	63	18230	2.068 ug/l	97
18) 2-Butanone	4.76	43	13626	9.470 ug/l	93
19) Cyclohexane	5.42	56	13230	1.762 ug/l	98
20) Methylcyclohexane	6.79	83	14069	1.897 ug/l #	89
21) 2,2-Dichloropropane	4.70	77	16041	1.994 ug/l	93
22) cis-1,2-Dichloroethene	4.71	96	9575	2.033 ug/l	84
23) Diethyl Ether	2.40	59	6157	2.030 ug/l #	85
24) tert-Butyl Alcohol	3.23	59	8176	24.654 ug/l #	94
25) Methyl tert-Butyl Ether	3.41	73	22099	2.106 ug/l #	71
26) Bromochloromethane	5.02	128	3887	1.875 ug/l	64
27) Chloroform	5.13	83	18775	1.978 ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	16881	2.086 ug/l	96
29) 1,1-Dichloropropene	5.56	75	13527	2.057 ug/l	92
30) Carbon Tetrachloride	5.56	117	14725	2.079 ug/l	92
31) Isopropyl Ether	4.05	45	28358	2.015 ug/l	85
32) Ethyl-t-butyl ether	4.56	59	25642	1.930 ug/l	94
33) Tert-Amyl methyl ether	5.99	73	22911	2.009 ug/l	97
34) Propionitrile	4.83	54	3691	9.753 ug/l	97
35) Benzene	5.81	78	37781	2.022 ug/l	100
36) 1,2-Dichloroethane	5.84	62	13403	1.979 ug/l #	93
37) Trichloroethene	6.57	130	9808	2.001 ug/l	93
38) 1,2-Dichloropropane	6.83	63	10528	2.053 ug/l	98
39) Methacrylonitrile	5.03	41	3615	1.980 ug/l #	82
40) Methyl acrylate	4.90	55	4594	1.819 ug/l #	94
41) Tetrahydrofuran	5.11	42	3238	3.554 ug/l #	72
42) 1-Chlorobutane	5.50	56	19304	2.038 ug/l	84

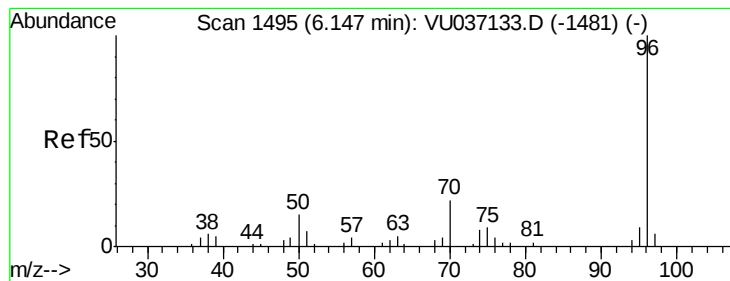
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037139.D
 Acq On : 09 Mar 2020 18:30
 Operator : JC/MD
 Sample : VU0309WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VU0309WBS01

Quant Time: Mar 09 19:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 18:12:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	5181	1.971	ug/l	93
44) Bromodichloromethane	7.14	83	13758	2.011	ug/l	96
45) 4-Methyl-2-Pentanone	7.83	43	34155	9.690	ug/l #	84
46) t-1,4-Dichloro-2-butene	10.84	75	11490	11.910	ug/l #	62
47) Methyl methacrylate	7.00	69	8361	3.849	ug/l #	65
48) Ethyl methacrylate	8.36	69	7520	1.752	ug/l #	57
49) Toluene	8.00	92	22284	1.975	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	11733	1.903	ug/l	93
51) cis-1,3-Dichloropropene	7.64	75	13253	1.882	ug/l #	76
52) 1,1,2-Trichloroethane	8.43	97	7424	2.117	ug/l	94
53) 1,3-Dichloropropane	8.60	76	12531	2.015	ug/l	99
54) 2-Hexanone	8.72	43	22827	9.401	ug/l	81
55) Dibromochloromethane	8.84	129	8669	1.997	ug/l	98
56) 1,2-Dibromoethane	8.95	107	6468	1.948	ug/l	99
58) Tetrachloroethene	8.57	164	9541	2.074	ug/l	91
59) Chlorobenzene	9.47	112	25387	2.016	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	9337	2.026	ug/l	96
61) Pentachloroethane	11.44	117	7443	2.117	ug/l	92
62) Hexachloroethane	12.49	117	7453	1.980	ug/l	83
63) Ethyl Benzene	9.59	91	40550	1.887	ug/l	99
64) m/p-Xylenes	9.72	106	32253	3.964	ug/l	92
65) o-Xylene	10.12	106	16443	2.094	ug/l	95
66) Styrene	10.13	104	24706	1.923	ug/l	91
67) Bromoform	10.31	173	4539	1.981	ug/l #	94
69) Isopropylbenzene	10.50	105	42029	1.964	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.80	83	9528	2.066	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	11490	3.047	ug/l	68
72) Bromobenzene	10.80	156	9824	1.897	ug/l	86
73) n-propylbenzene	10.92	120	10582	1.865	ug/l	67
74) 2-Chlorotoluene	11.00	126	10325	2.011	ug/l	85
75) 1,3,5-Trimethylbenzene	11.11	105	37093	2.002	ug/l	93
76) 4-Chlorotoluene	11.12	126	10574	2.046	ug/l	78
77) tert-Butylbenzene	11.44	119	35611	1.972	ug/l	93
78) 1,2,4-Trimethylbenzene	11.48	105	36514	1.952	ug/l	97
79) sec-Butylbenzene	11.66	105	48658	1.980	ug/l	98
80) Nitrobenzene	13.25	77	573	5.676	ug/l #	91
81) p-Isopropyltoluene	11.81	119	38346	1.980	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	21242	2.070	ug/l	99
83) 1,4-Dichlorobenzene	11.85	146	20922	2.013	ug/l	98
84) n-Butylbenzene	12.22	91	34875	1.901	ug/l	95
85) 1,2-Dichlorobenzene	12.23	146	19755	1.990	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	1541	1.893	ug/l #	73
87) 1,2,4-Trichlorobenzene	13.87	180	8923	1.788	ug/l	97
88) Hexachlorobutadiene	14.05	225	6150	1.991	ug/l	99
89) Naphthalene	14.12	128	13170	1.554	ug/l	96
90) 1,2,3-Trichlorobenzene	14.37	180	8364	1.722	ug/l #	90

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

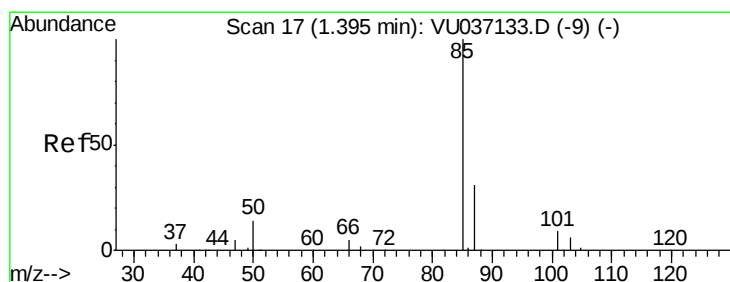
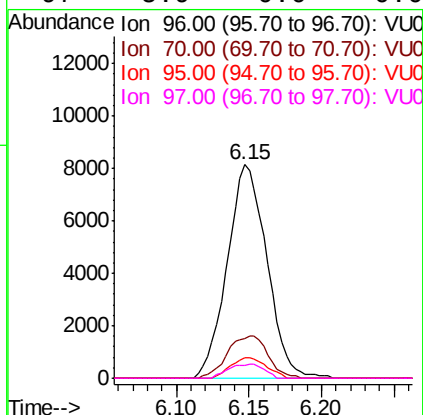
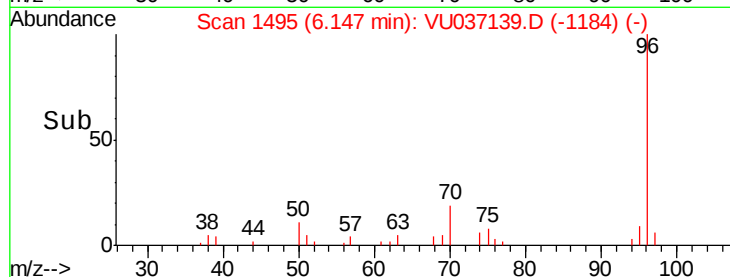
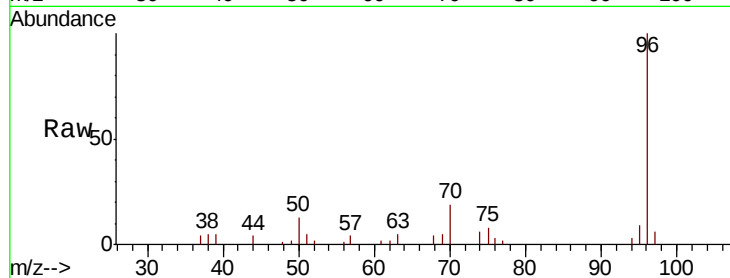
MSVOA_U

ClientSampleId :

VU0309WBS01

Tot Ion: 96 Resp: 15484

Ion	Ratio	Lower	Upper
96	100		
70	20.3	15.6	23.4
95	8.6	7.0	10.6
97	5.9	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 2.023 ug/l

RT: 1.39 min Scan# 17

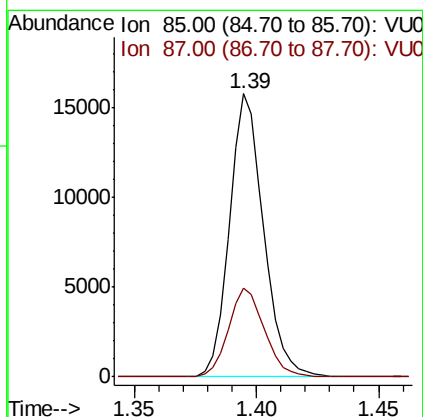
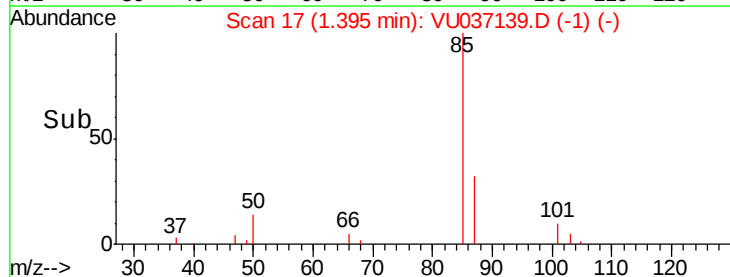
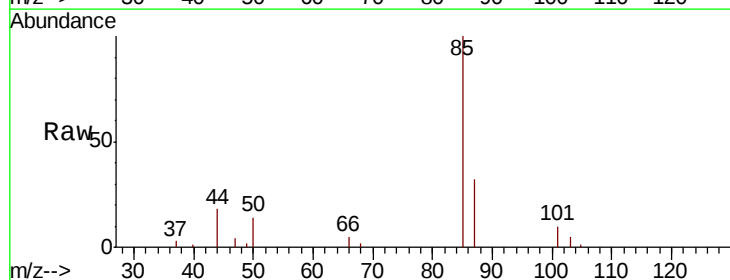
Delta R.T. -0.00 min

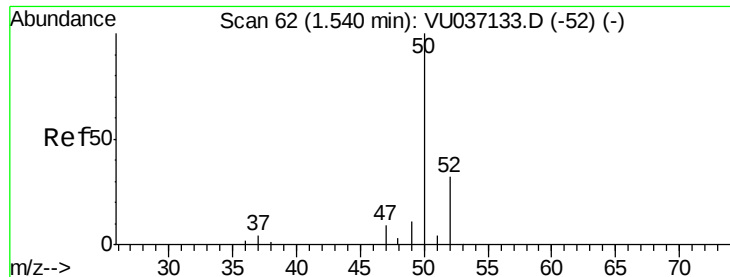
Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Tgt Ion: 85 Resp: 15294

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.4	49.2





#3

Chloromethane

Concen: 2.097 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

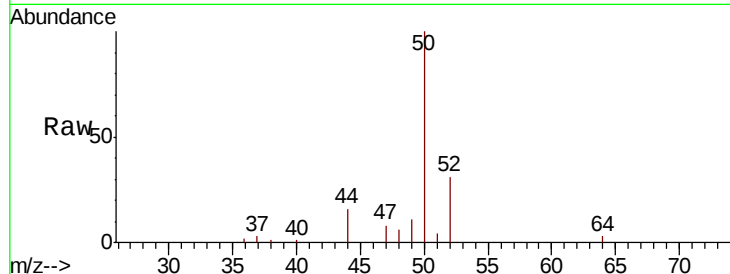
VU0309WBS01

Tot Ion: 50 Resp: 15758

Ion Ratio Lower Upper

50 100

52 31.3 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU037139.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037139.D (-52) (-)

15000

10000

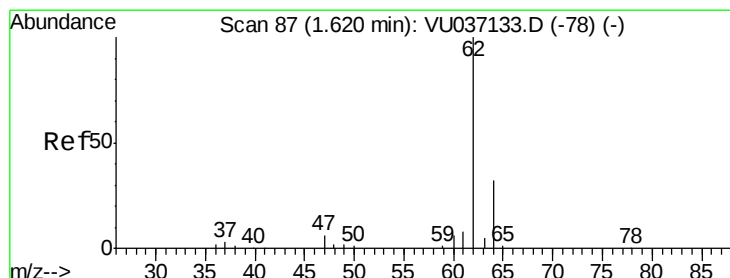
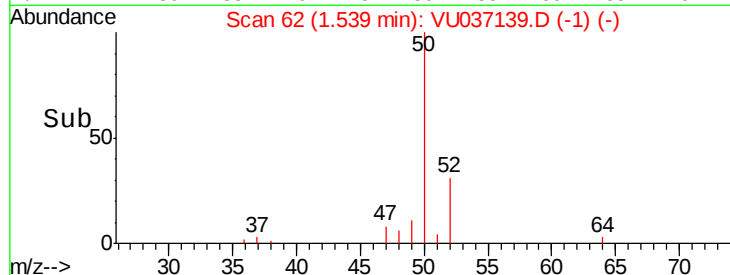
5000

0

1.54

1.50 1.55 1.60

Time-->



#4

Vinyl Chloride

Concen: 2.025 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU037139.D

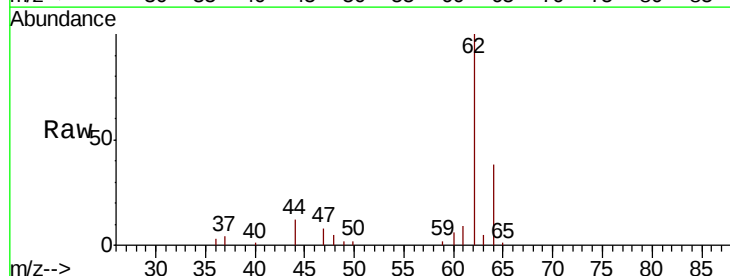
Acq: 09 Mar 2020 18:30

Tgt Ion: 62 Resp: 13379

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VU037139.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU037139.D (-78) (-)

10000

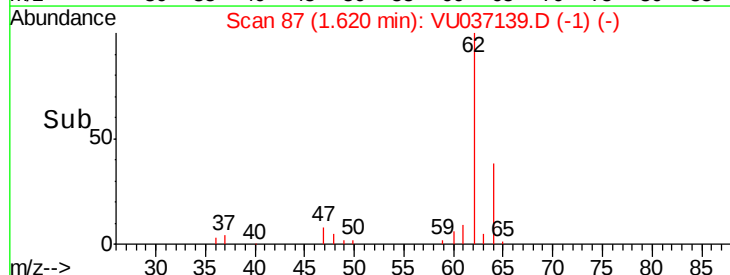
5000

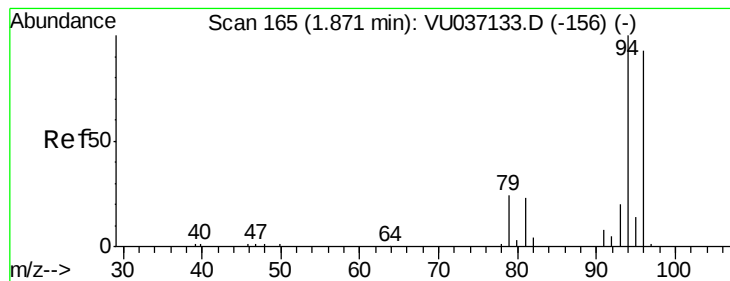
0

1.62

1.60 1.65

Time-->





#5

Bromomethane

Concen: 2.217 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

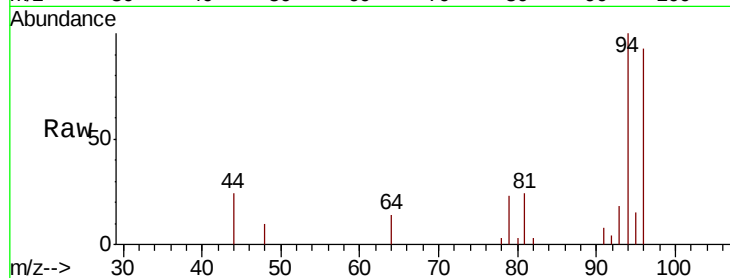
VU0309WBS01

Tot Ion: 94 Resp: 5107

Ion Ratio Lower Upper

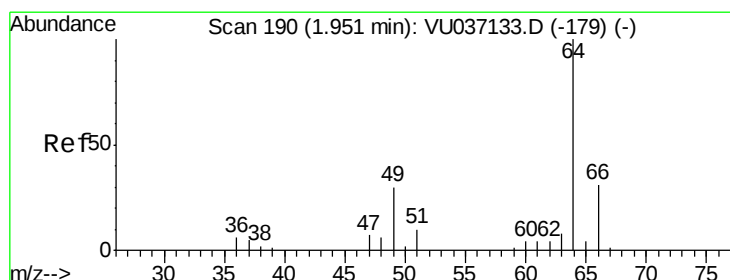
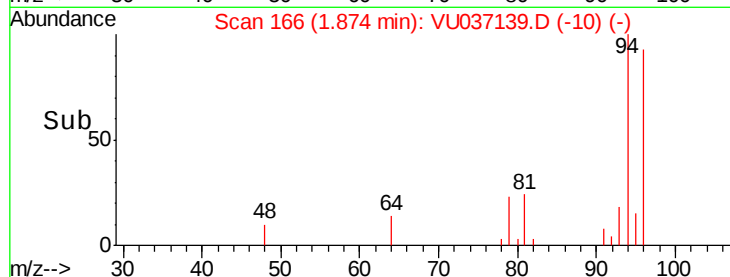
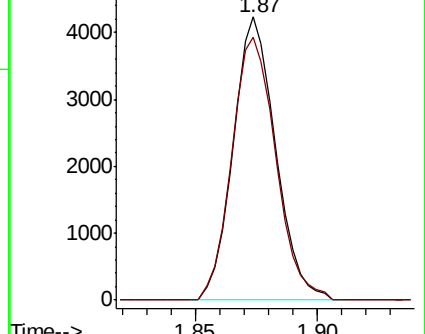
94 100

96 92.8 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VU037139.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU037139.D (-156) (-)



#6

Chloroethane

Concen: 2.035 ug/l

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU037139.D

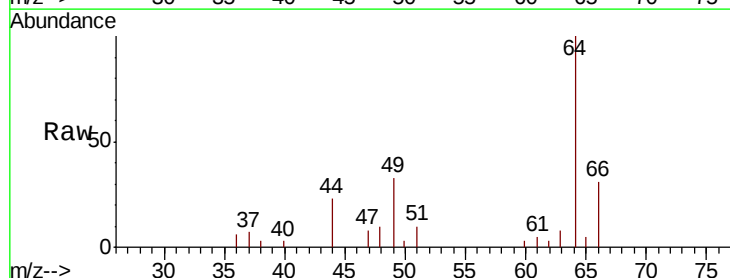
Acq: 09 Mar 2020 18:30

Tgt Ion: 64 Resp: 6440

Ion Ratio Lower Upper

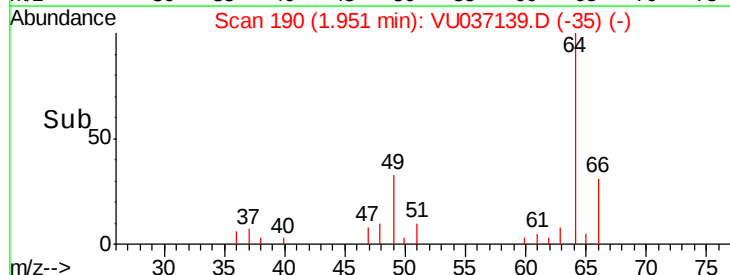
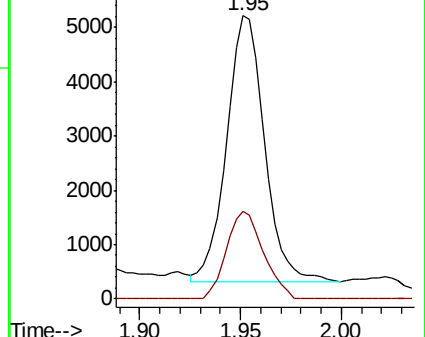
64 100

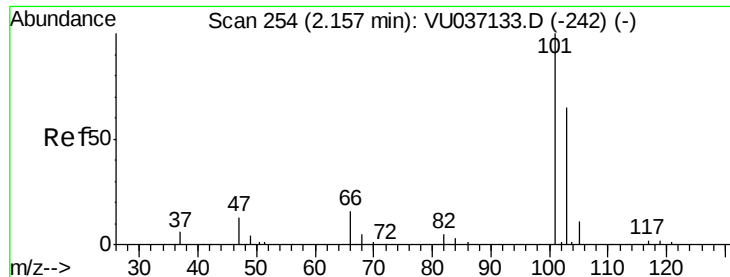
66 32.9 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU037139.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU037139.D (-179) (-)



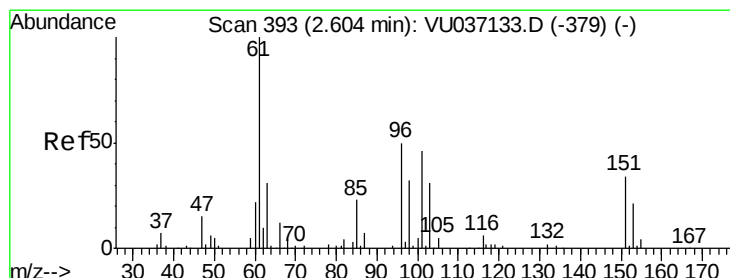
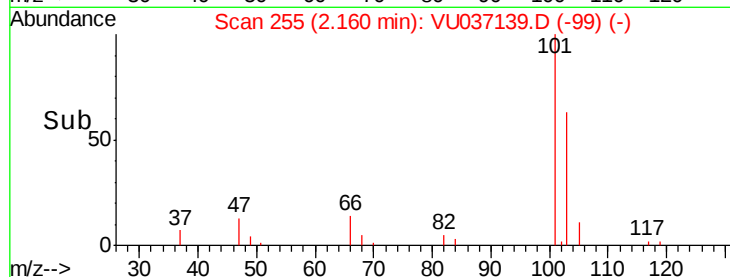
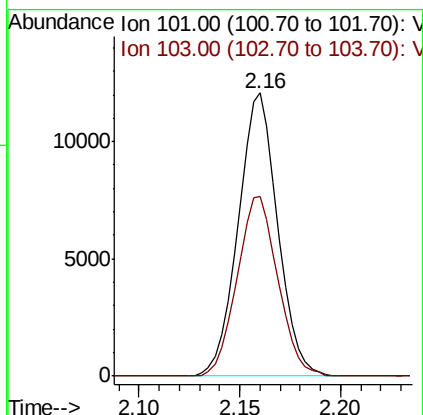
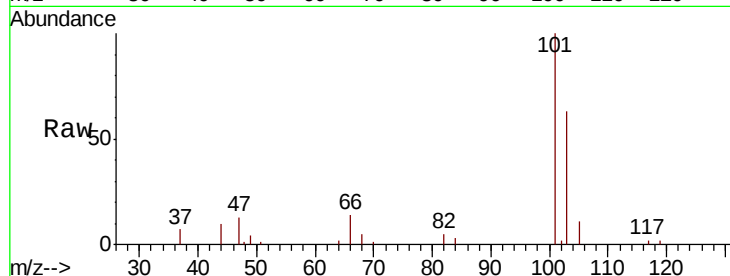


#7

Trichlorofluoromethane
Concen: 2.062 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

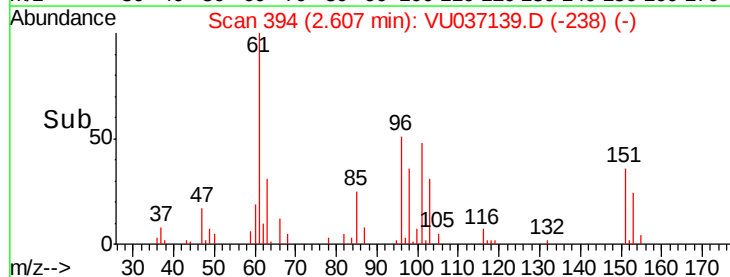
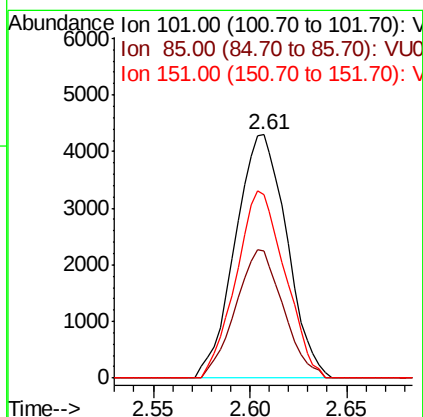
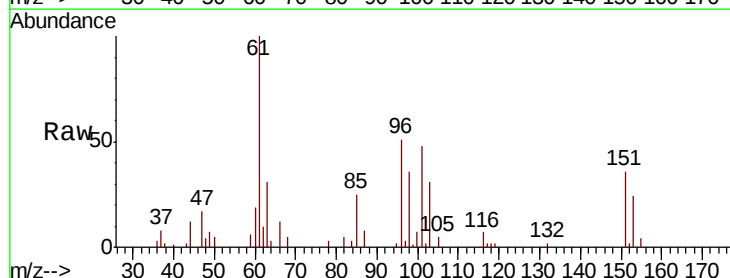
Tot Ion:101 Resp: 16549
Ion Ratio Lower Upper
101 100
103 63.3 53.0 79.6

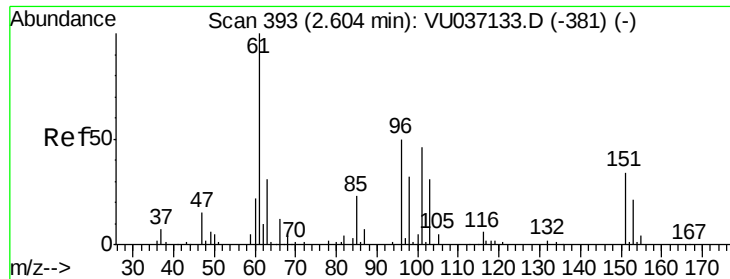


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.114 ug/l
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion:101 Resp: 7960
Ion Ratio Lower Upper
101 100
85 48.8 33.9 50.9
151 72.9 59.8 89.8





#9

1,1-Dichloroethene

Concen: 2.107 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

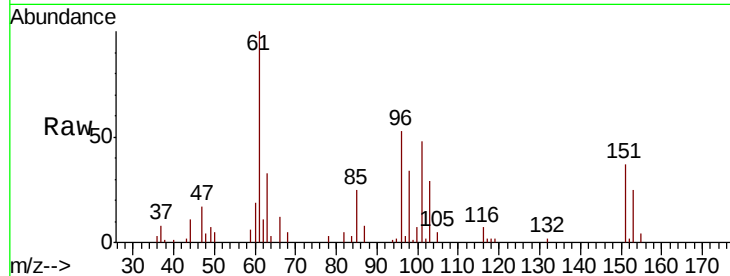
Tot Ion: 96 Resp: 7546

Ion Ratio Lower Upper

96 100

61 190.3 0.0 463.2

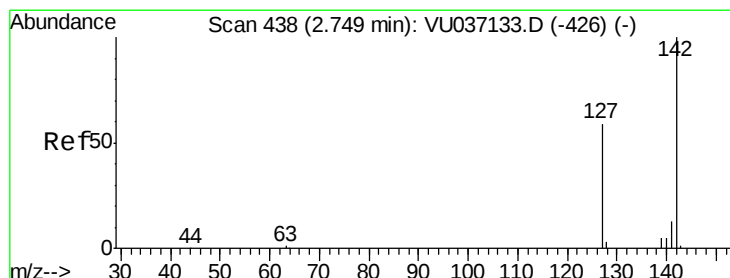
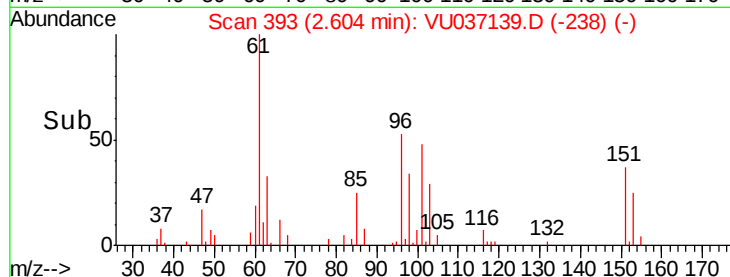
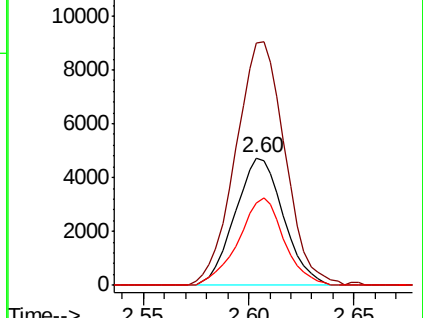
98 65.0 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU037139.D (-381) (-)

Ion 61.00 (60.70 to 61.70): VU037139.D (-381) (-)

Ion 98.00 (97.70 to 98.70): VU037139.D (-381) (-)



#10

Iodomethane

Concen: 1.012 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU037139.D

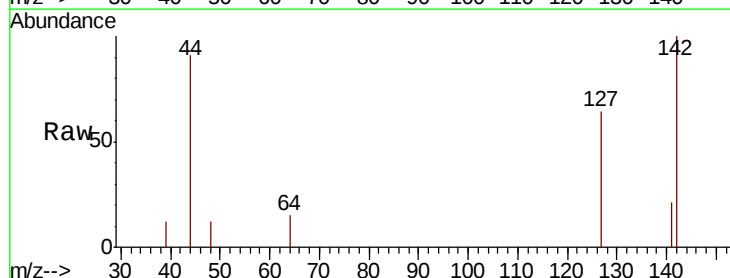
Acq: 09 Mar 2020 18:30

Tgt Ion: 142 Resp: 1575

Ion Ratio Lower Upper

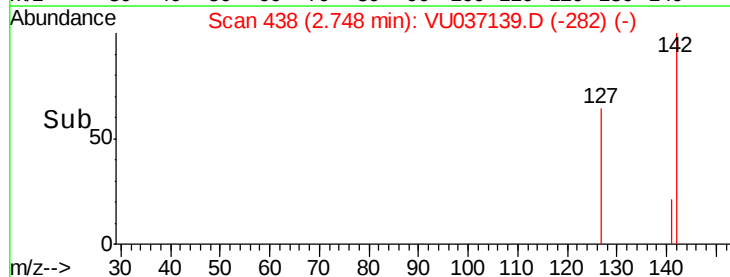
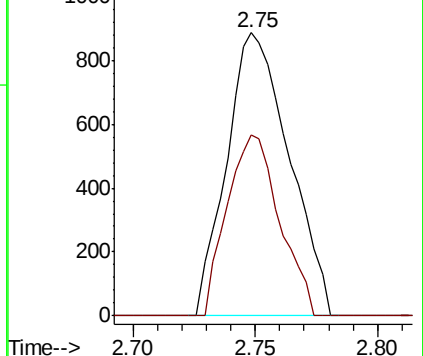
142 100

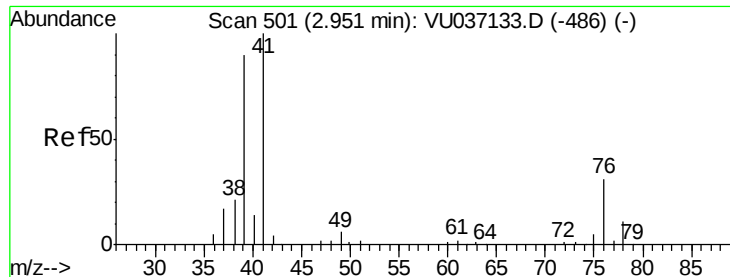
127 53.8 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU037139.D (-426) (-)

Ion 127.00 (126.70 to 127.70): VU037139.D (-426) (-)

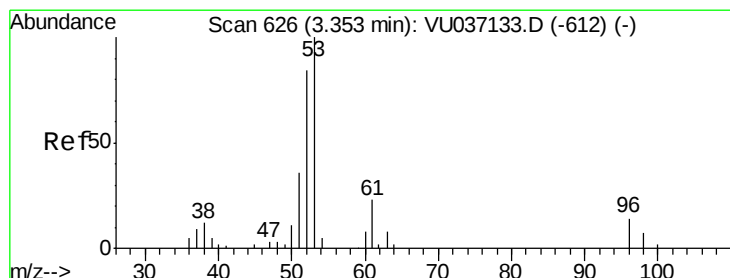
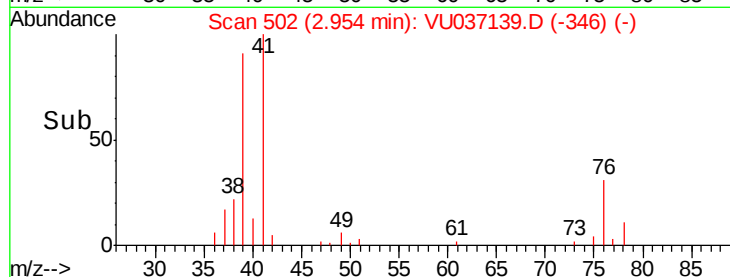
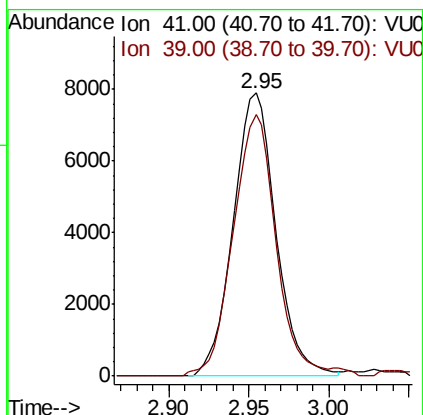
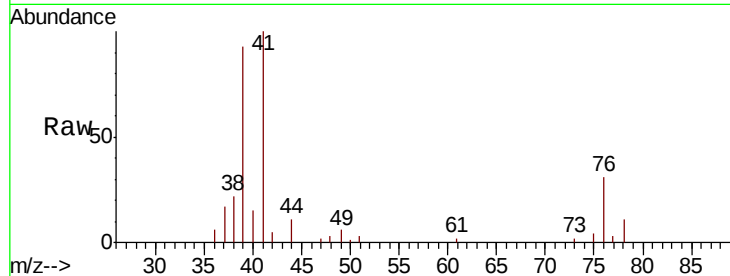




#11
Allvl Chloride
Concen: 2.069 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

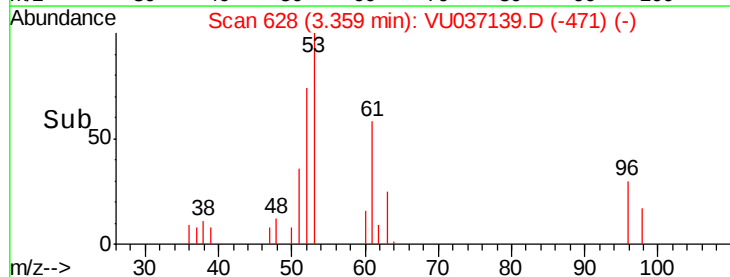
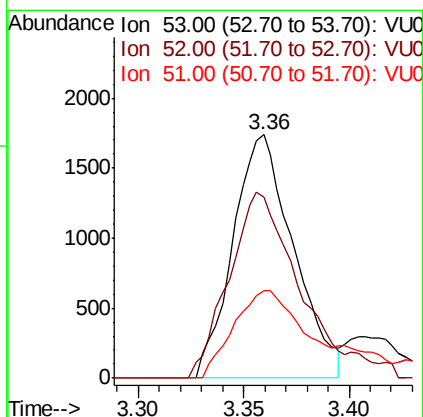
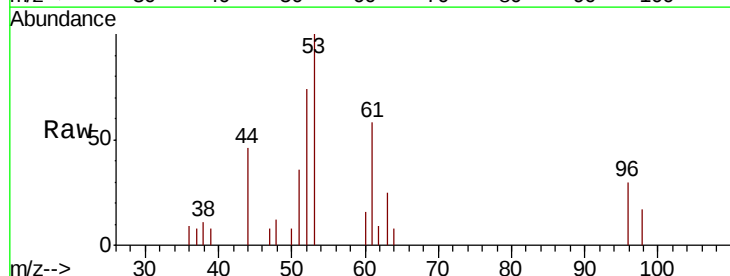
Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

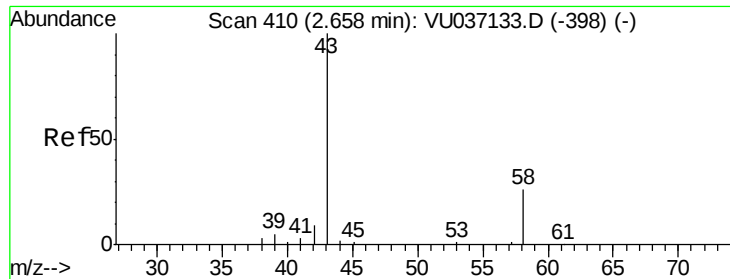
Tot Ion: 41 Resp: 14364
Ion Ratio Lower Upper
41 100
39 92.2 50.7 76.1#



#12
Acrylonitrile
Concen: 4.099 ug/l
RT: 3.36 min Scan# 628
Delta R.T. 0.01 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 53 Resp: 3472
Ion Ratio Lower Upper
53 100
52 90.2 64.6 97.0
51 40.8 27.2 40.8





#13

Acetone

Concen: 9.834 ug/l

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

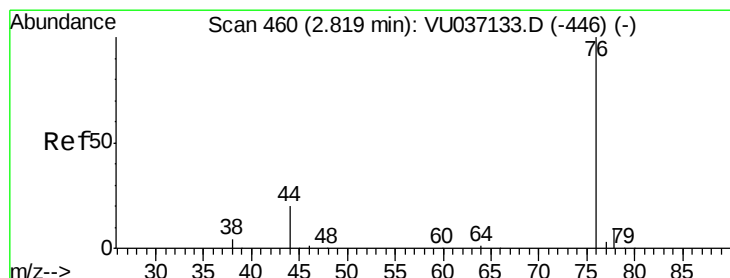
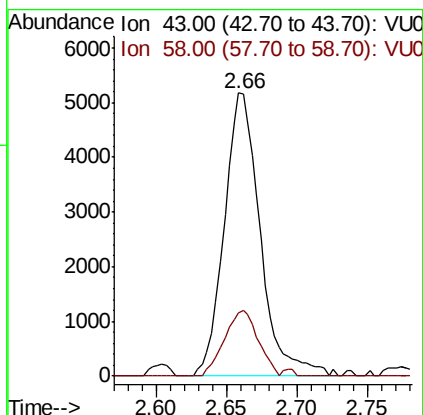
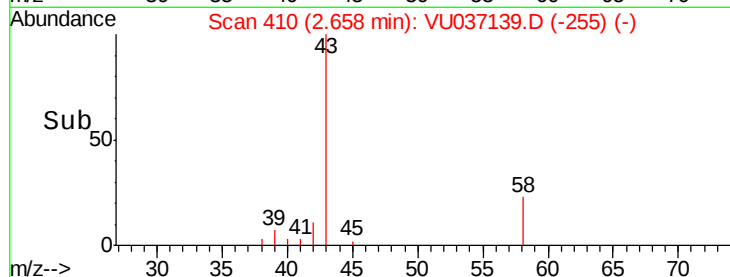
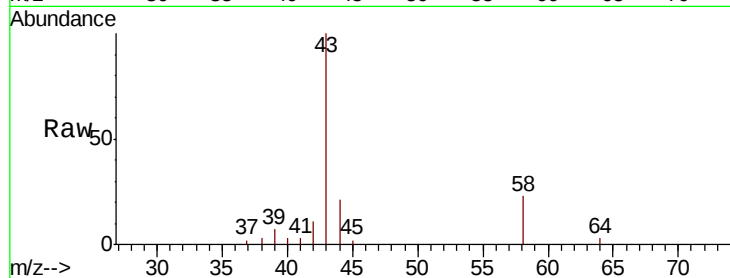
VU0309WBS01

Tot Ion: 43 Resp: 9257

Ion Ratio Lower Upper

43 100

58 22.5 30.8 46.2#



#14

Carbon Disulfide

Concen: 2.070 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037139.D

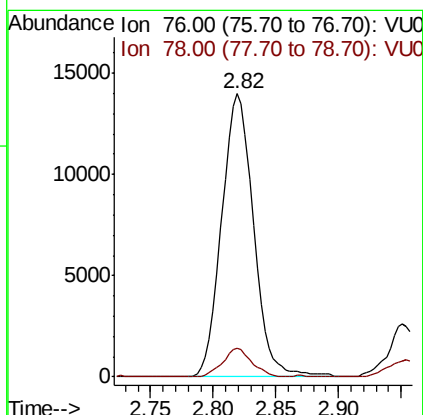
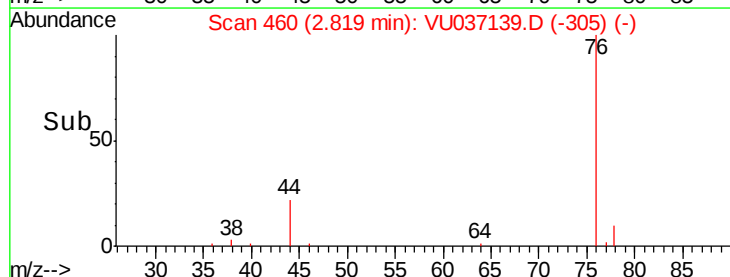
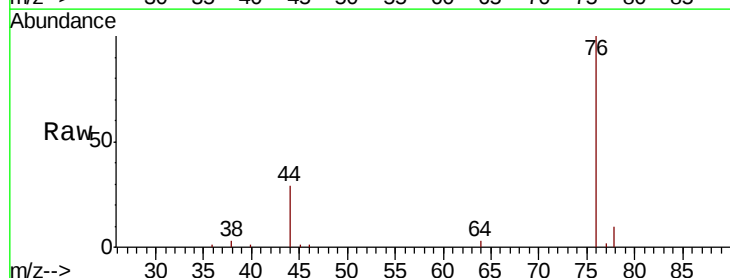
Acq: 09 Mar 2020 18:30

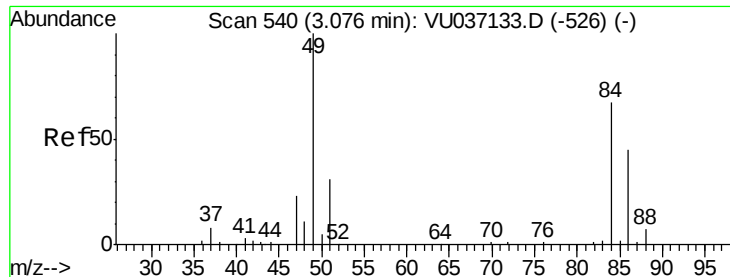
Tgt Ion: 76 Resp: 24687

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0

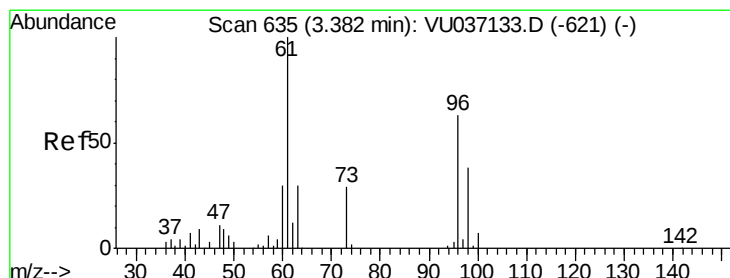
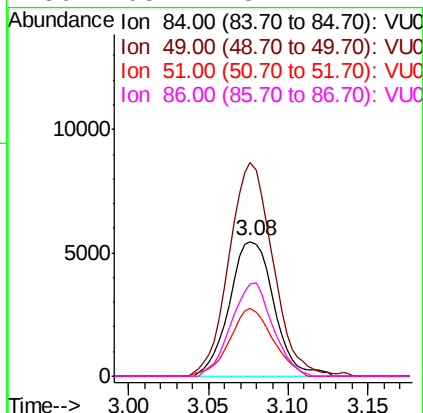
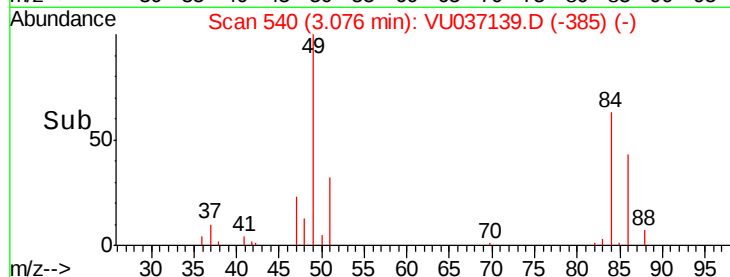
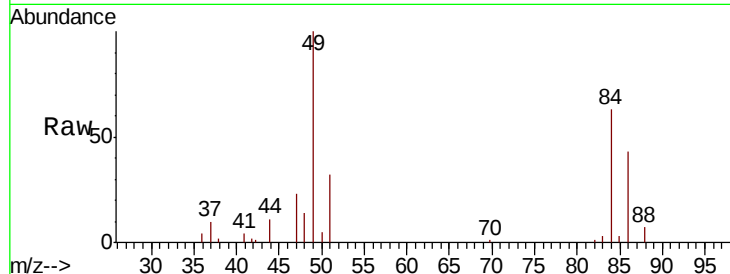




#15
Methvlene Chloride
Concen: 2.316 ug/l
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

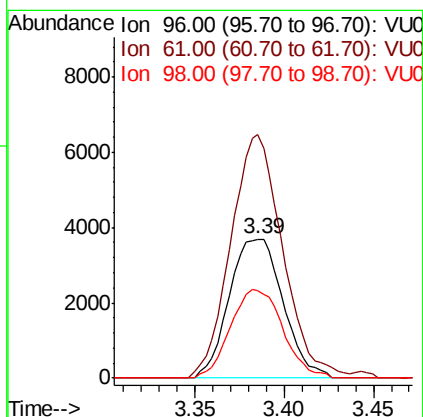
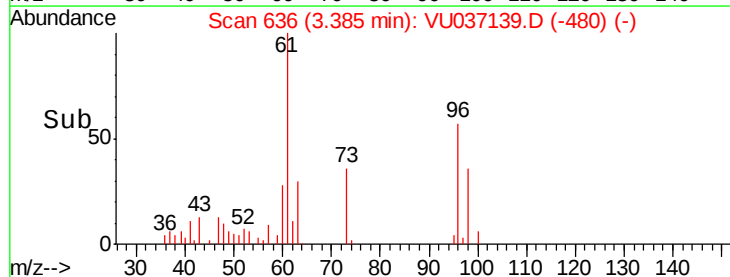
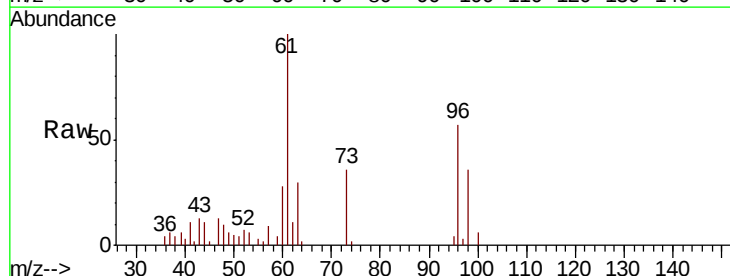
Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

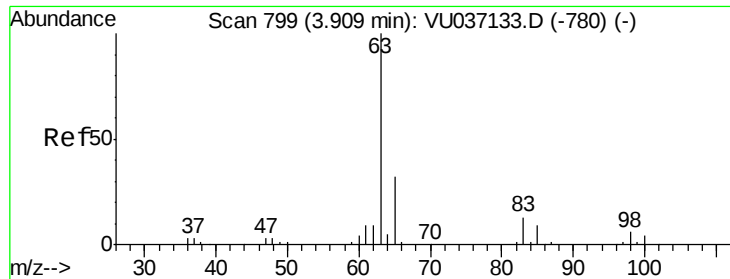
Tot Ion: 84 Resp: 10413
Ion Ratio Lower Upper
84 100
49 158.3 89.7 134.5#
51 49.9 0.0 71.6
86 68.7 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 2.046 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 96 Resp: 7779
Ion Ratio Lower Upper
96 100
61 175.3 110.8 166.2#
98 62.6 50.3 75.5

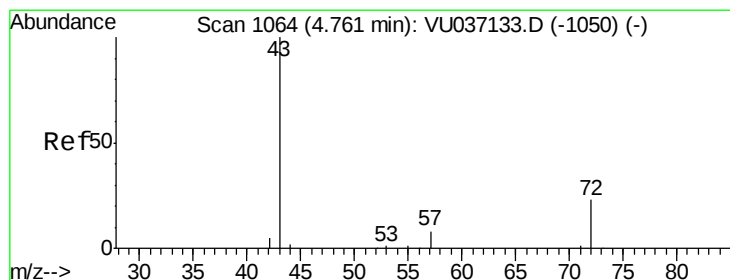
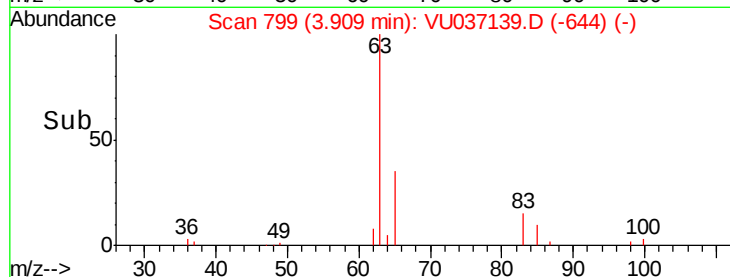
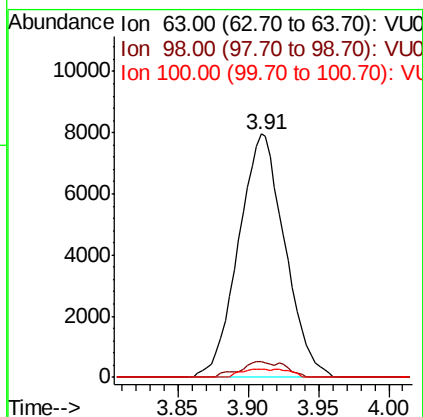
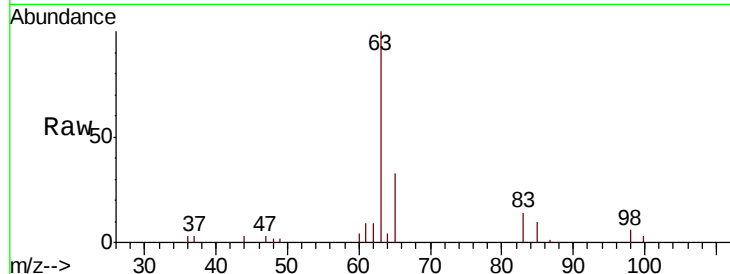




#17
 1,1-Dichloroethane
 Concen: 2.068 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

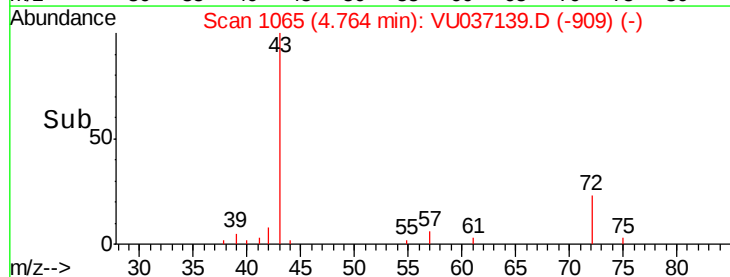
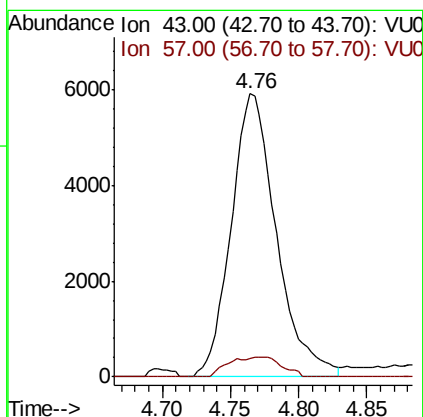
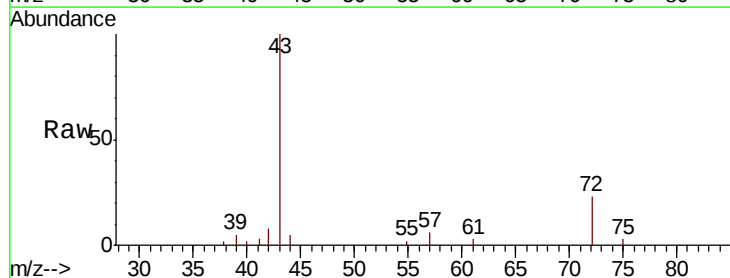
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

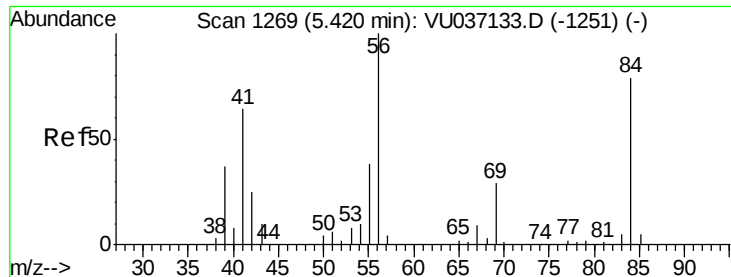
Tot Ion: 63 Resp: 18230
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 3.3 2.4 7.1



#18
 2-Butanone
 Concen: 9.470 ug/l
 RT: 4.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 43 Resp: 13626
 Ion Ratio Lower Upper
 43 100
 57 6.5 0.0 17.8

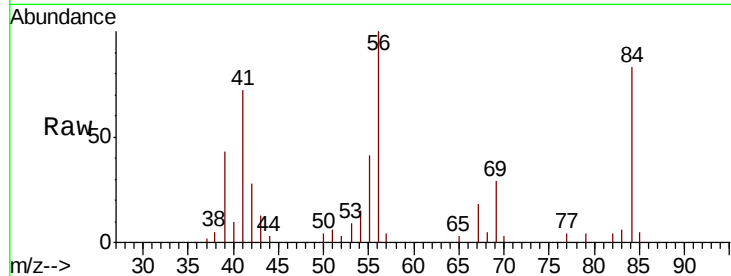




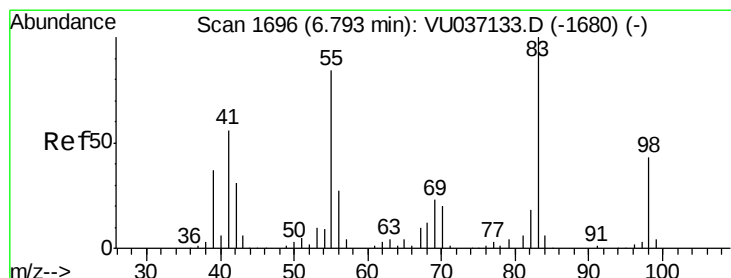
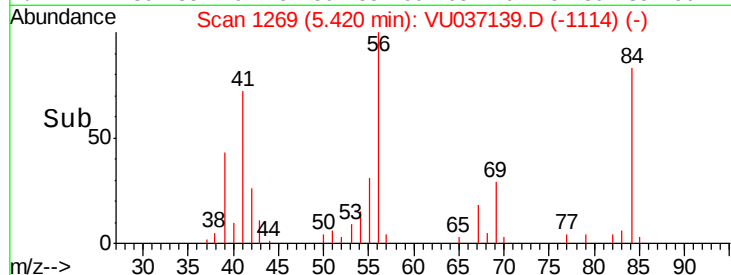
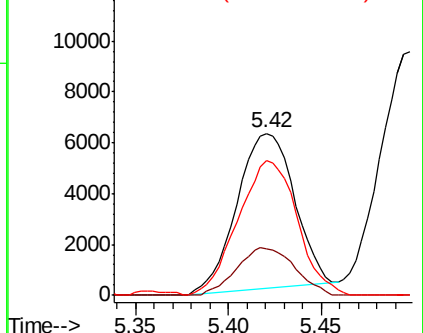
#19
Cyclohexane
Concen: 1.762 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Tot Ion: 56 Resp: 13230
Ion Ratio Lower Upper
56 100
69 30.8 26.2 39.2
84 89.0 72.8 109.2

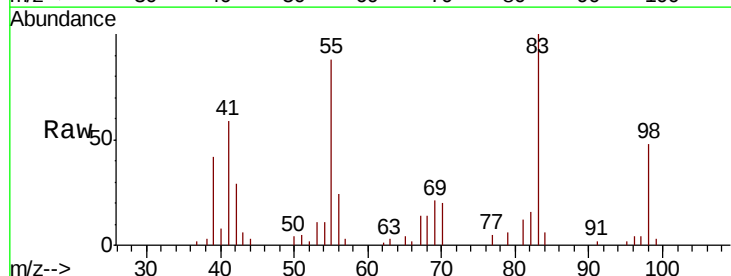


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

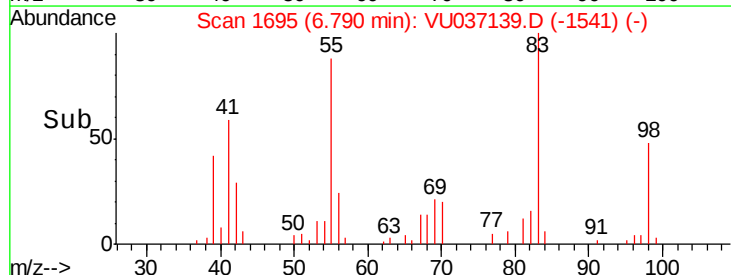
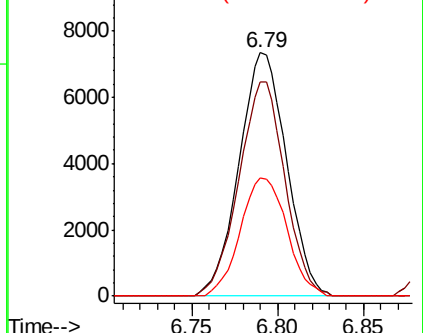


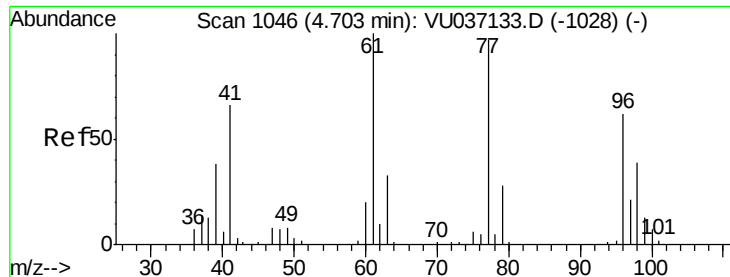
#20
Methylcyclohexane
Concen: 1.897 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 83 Resp: 14069
Ion Ratio Lower Upper
83 100
55 85.4 56.6 85.0#
98 47.6 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

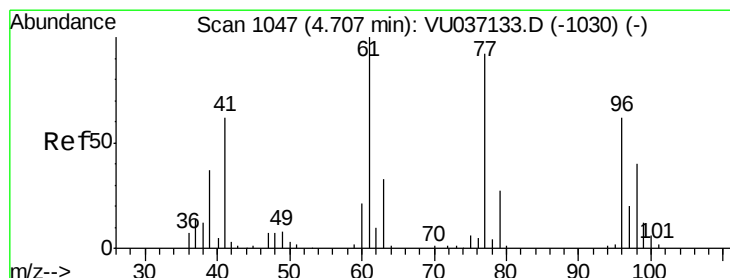
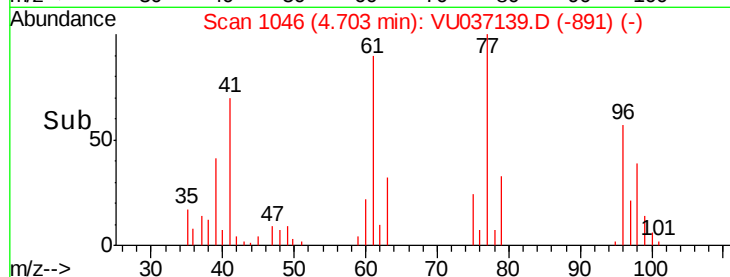
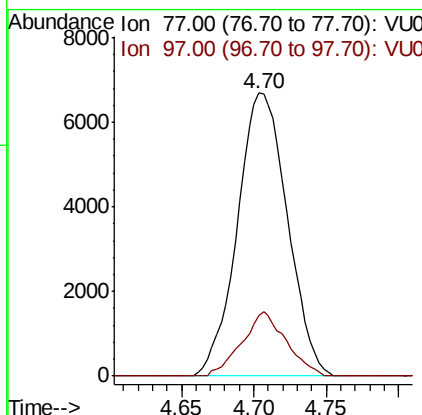
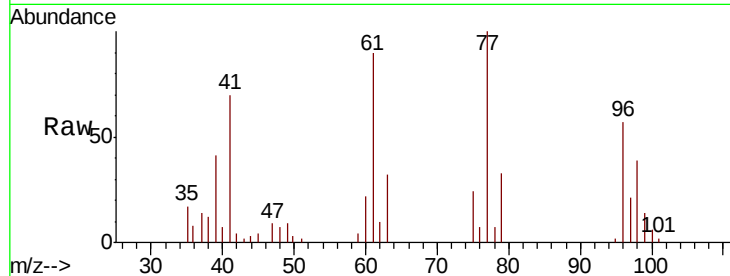




#21
 2,2-Dichloropropane
 Concen: 1.994 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

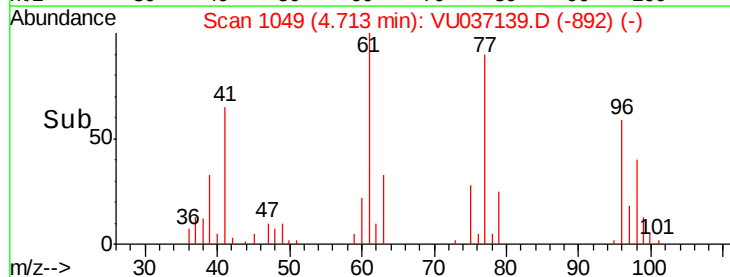
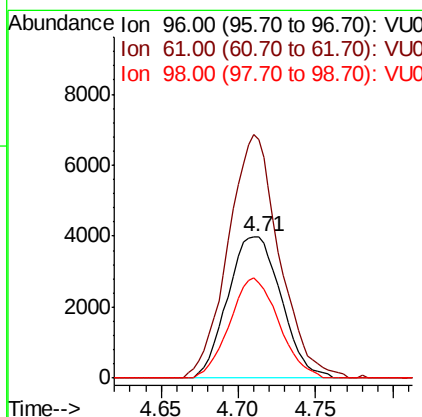
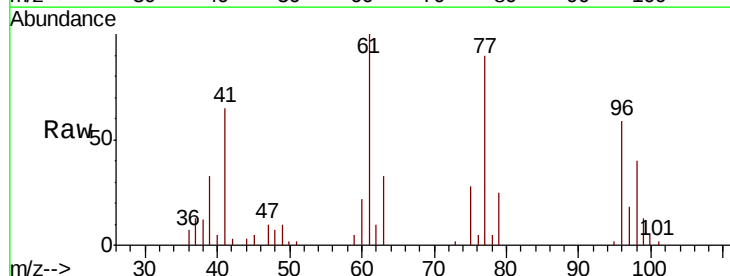
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

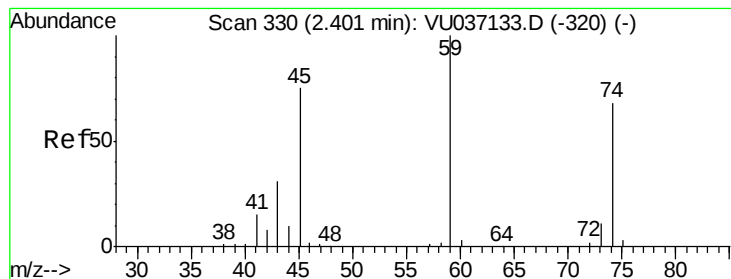
Tot Ion: 77 Resp: 16041
 Ion Ratio Lower Upper
 77 100
 97 20.1 19.0 28.4



#22
 cis-1,2-Dichloroethene
 Concen: 2.033 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 96 Resp: 9575
 Ion Ratio Lower Upper
 96 100
 61 164.4 0.0 342.0
 98 65.2 32.0 96.0





#23

Diethyl Ether

Concen: 2.030 ug/l

RT: 2.40 min Scan# 331

Delta R.T. 0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

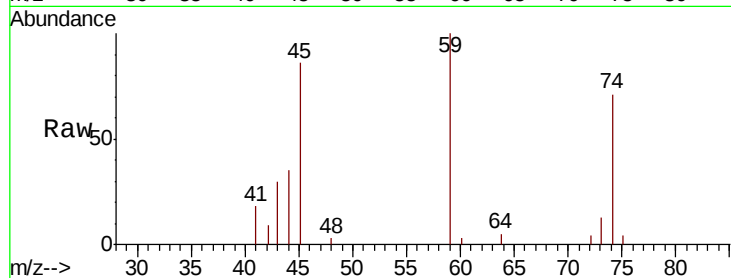
Tot Ion: 59 Resp: 6157

Ion Ratio Lower Upper

59 100

45 82.3 52.4 78.6#

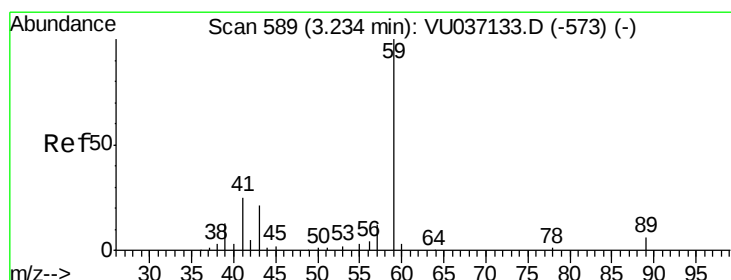
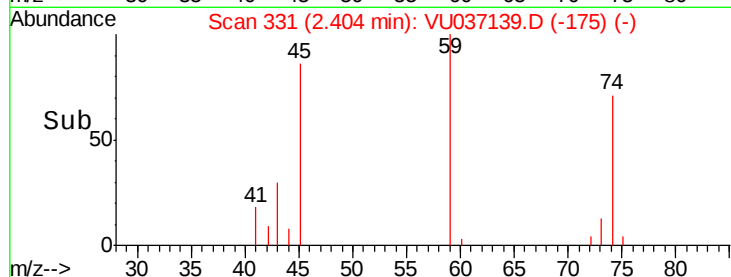
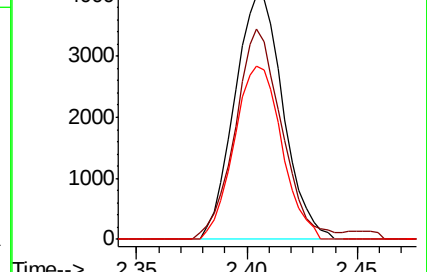
74 69.2 62.1 93.1



Abundance Ion 59.00 (58.70 to 59.70): VU037139.D (-320) (-)

Ion 45.00 (44.70 to 45.70): VU037139.D (-320) (-)

Ion 74.00 (73.70 to 74.70): VU037139.D (-320) (-)



#24

tert-Butyl Alcohol

Concen: 24.654 ug/l

RT: 3.23 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU037139.D

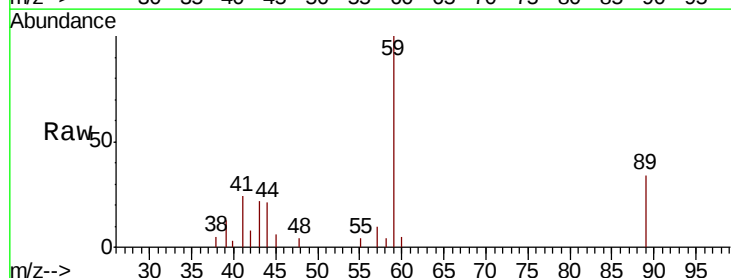
Acq: 09 Mar 2020 18:30

Tgt Ion: 59 Resp: 8176

Ion Ratio Lower Upper

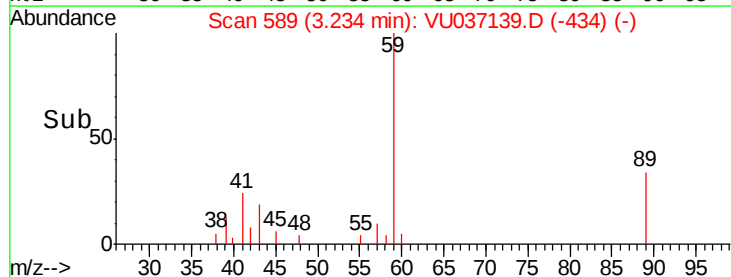
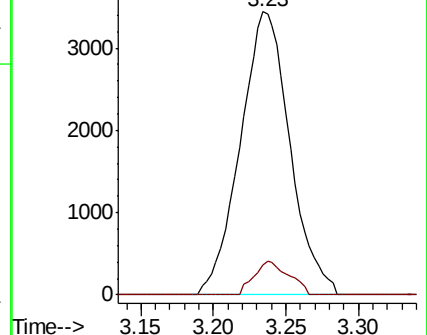
59 100

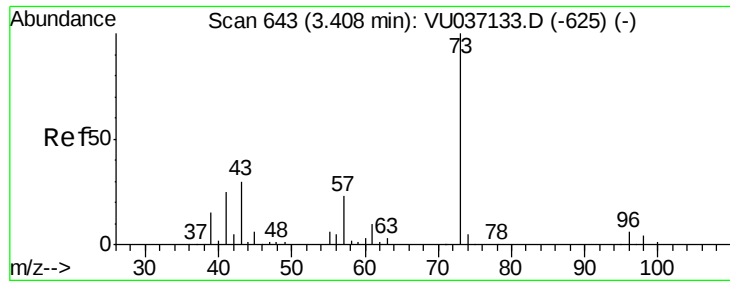
57 8.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU037139.D (-573) (-)

Ion 57.00 (56.70 to 57.70): VU037139.D (-573) (-)



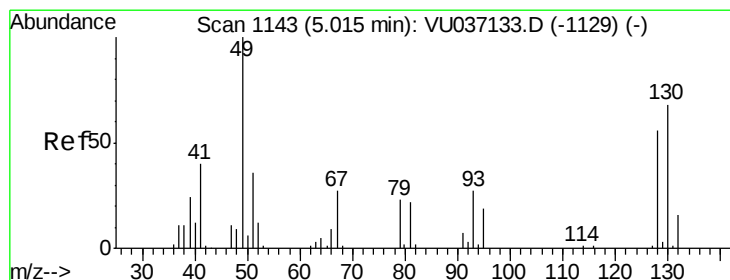
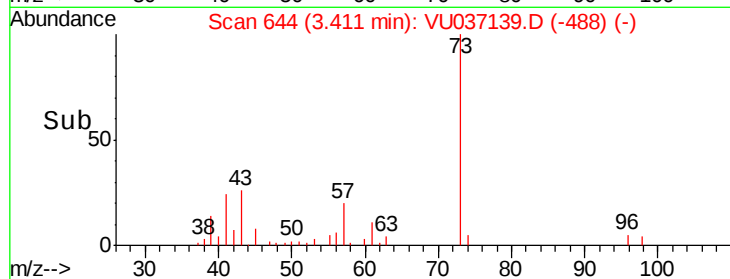
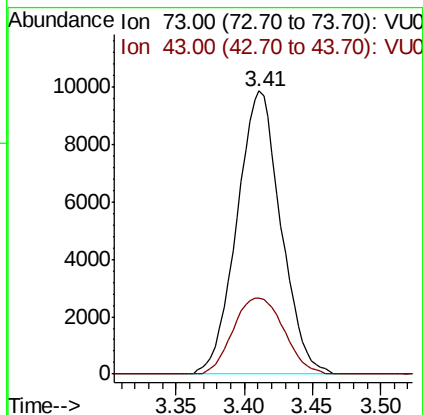
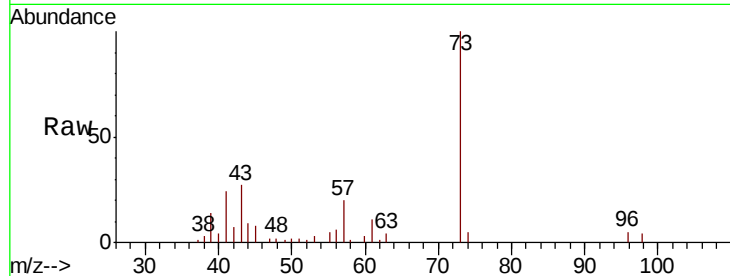


#25

Methvl tert-Butvl Ether
 Concen: 2.106 ug/l
 RT: 3.41 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

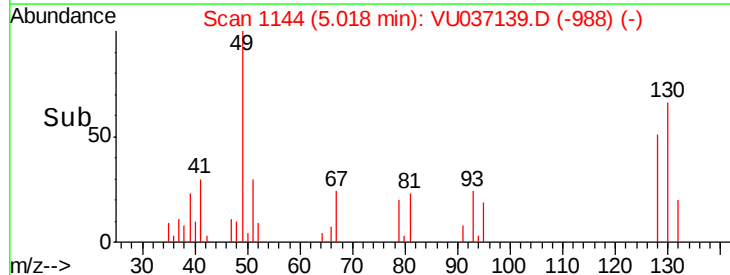
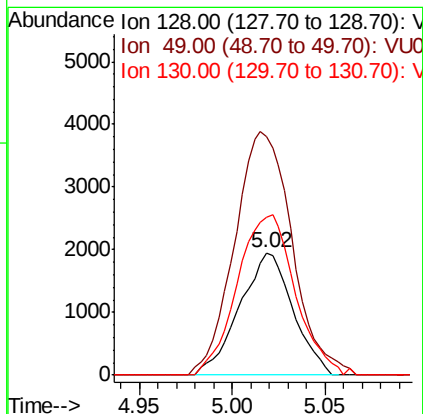
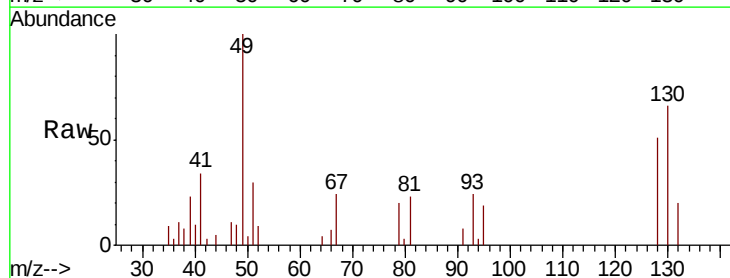
Tot Ion: 73 Resp: 22099
 Ion Ratio Lower Upper
 73 100
 43 31.1 14.5 21.7#

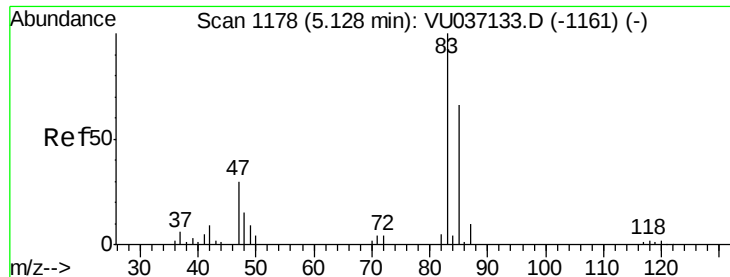


#26

Bromochloromethane
 Concen: 1.875 ug/l
 RT: 5.02 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 128 Resp: 3887
 Ion Ratio Lower Upper
 128 100
 49 215.0 0.0 286.2
 130 142.8 104.3 156.5

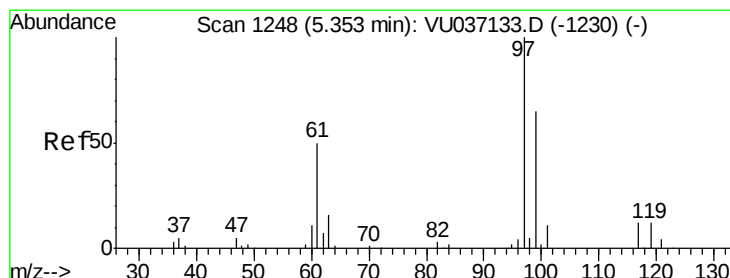
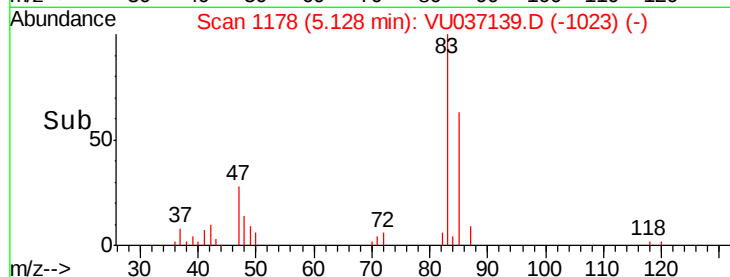
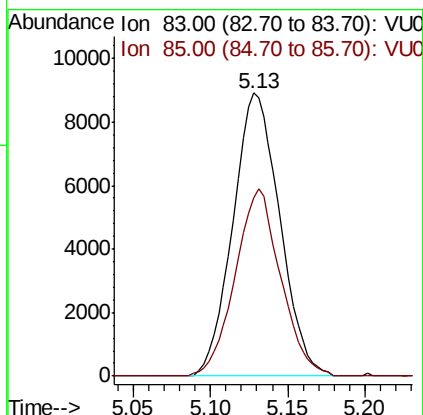
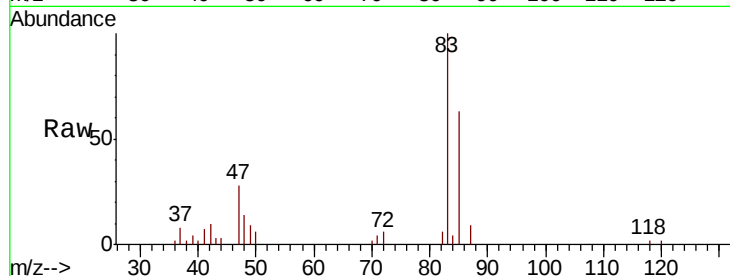




#27
 Chloroform
 Concen: 1.978 ug/l
 RT: 5.13 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

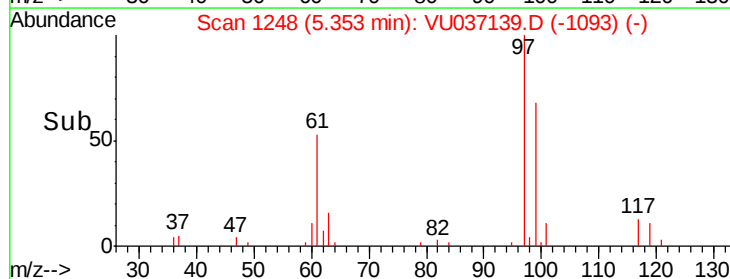
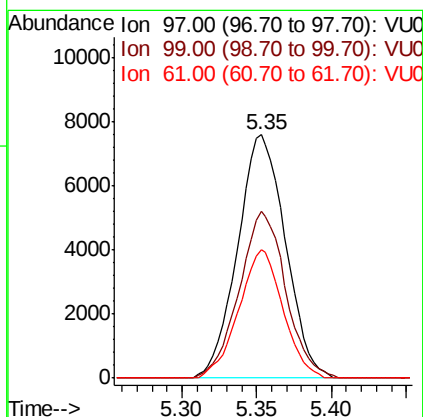
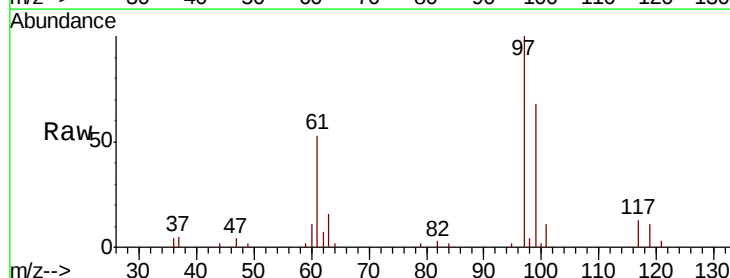
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

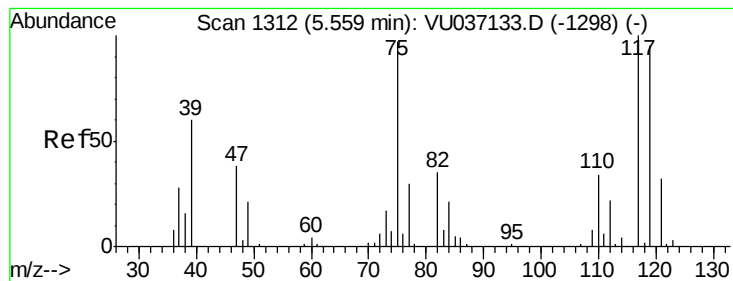
Tot Ion: 83 Resp: 18775
 Ion Ratio Lower Upper
 83 100
 85 63.1 0.0 129.0



#28
 1,1,1-Trichloroethane
 Concen: 2.086 ug/l
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 97 Resp: 16881
 Ion Ratio Lower Upper
 97 100
 99 66.6 32.1 96.3
 61 48.6 22.7 68.0





#29

1,1-Dichloropropene

Concen: 2.057 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

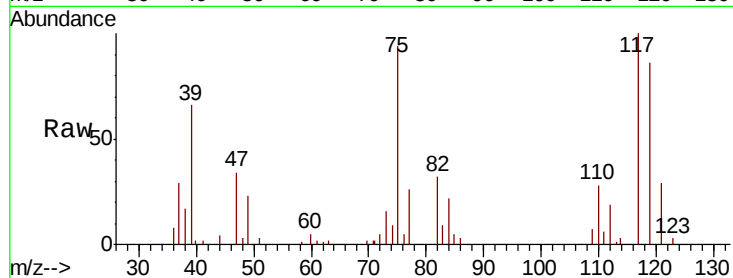
Tot Ion: 75 Resp: 13527

Ion Ratio Lower Upper

75 100

110 32.5 18.6 55.8

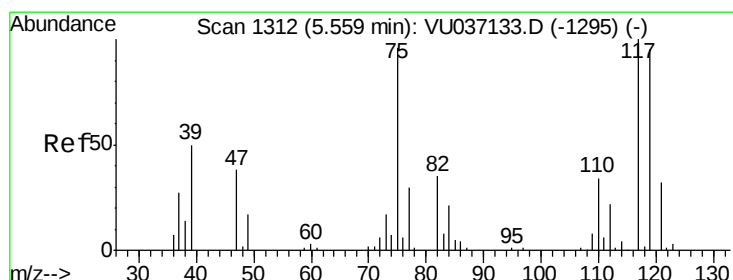
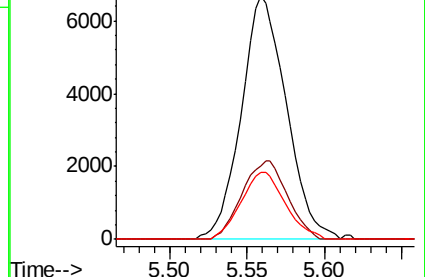
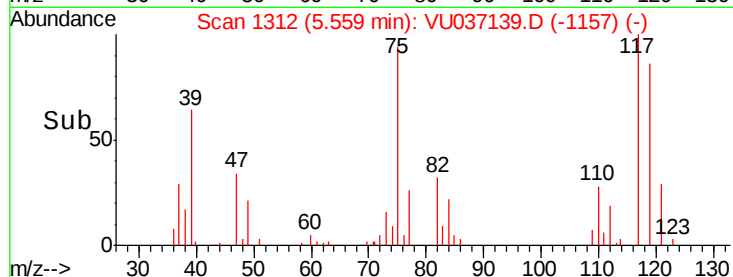
77 27.2 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU037133.D (-1298) (-)

Ion 110.00 (109.70 to 110.70): VU037133.D (-1298) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-1298) (-)



#30

Carbon Tetrachloride

Concen: 2.079 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

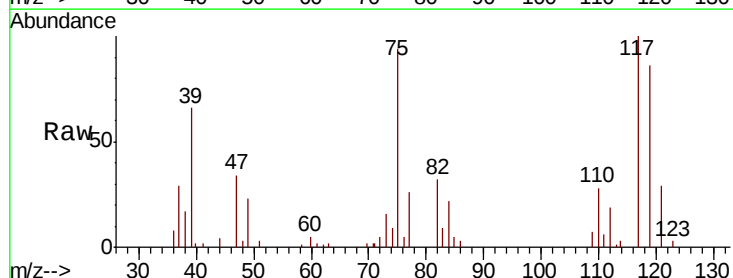
Tgt Ion: 117 Resp: 14725

Ion Ratio Lower Upper

117 100

119 85.7 77.0 115.6

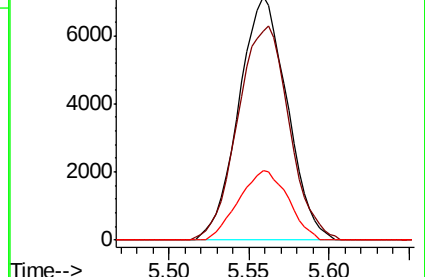
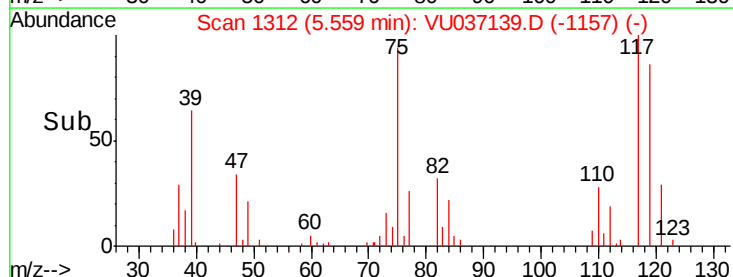
121 28.7 23.3 34.9

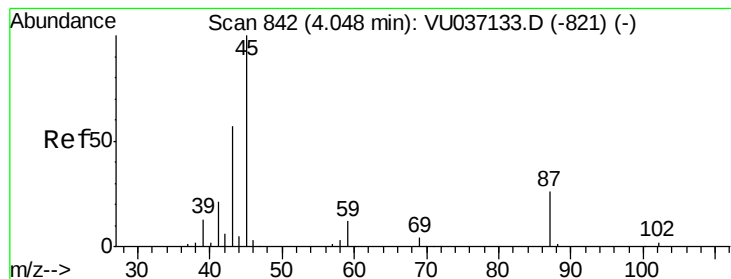


Abundance Ion 117.00 (116.70 to 117.70): VU037133.D (-1295) (-)

Ion 119.00 (118.70 to 119.70): VU037133.D (-1295) (-)

Ion 121.00 (120.70 to 121.70): VU037133.D (-1295) (-)





#31

Isopropyl Ether

Concen: 2.015 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

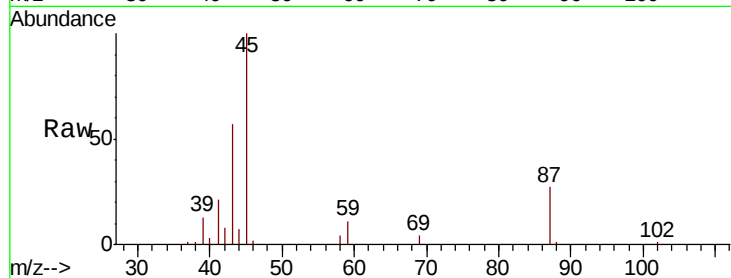
VU0309WBS01

Tot Ion: 45 Resp: 28358

Ion Ratio Lower Upper

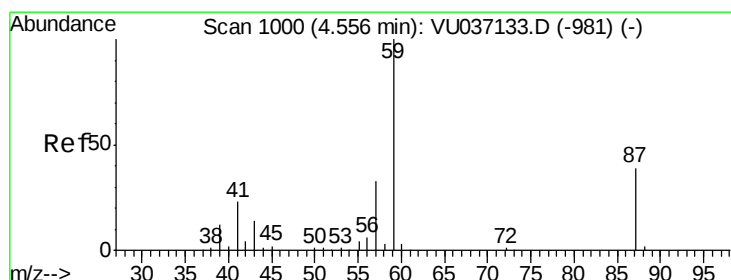
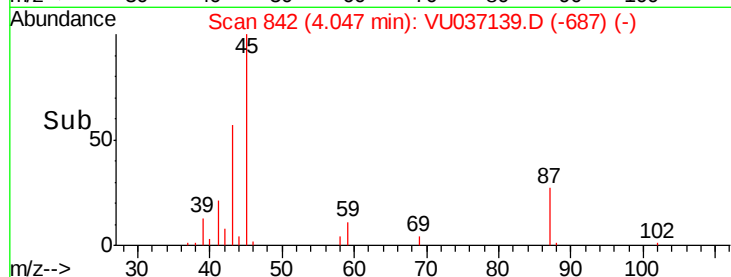
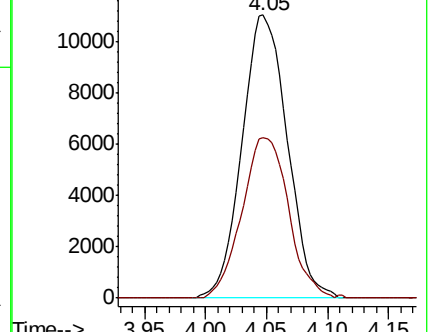
45 100

43 58.3 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU037139.D (-821) (-)

Ion 43.00 (42.70 to 43.70): VU037139.D (-821) (-)



#32

Ethyl-t-butyl ether

Concen: 1.930 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VU037139.D

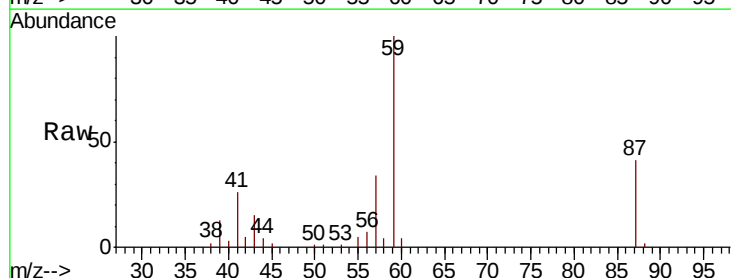
Acq: 09 Mar 2020 18:30

Tgt Ion: 59 Resp: 25642

Ion Ratio Lower Upper

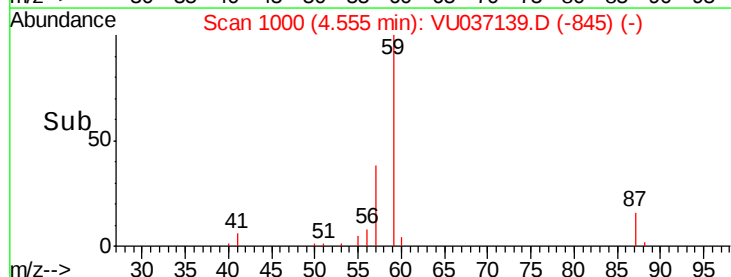
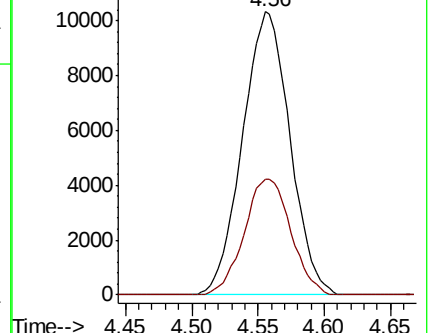
59 100

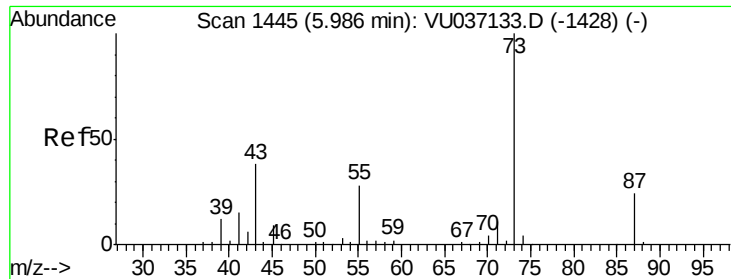
87 40.1 35.1 52.7



Abundance Ion 59.00 (58.70 to 59.70): VU037139.D (-981) (-)

Ion 87.00 (86.70 to 87.70): VU037139.D (-981) (-)

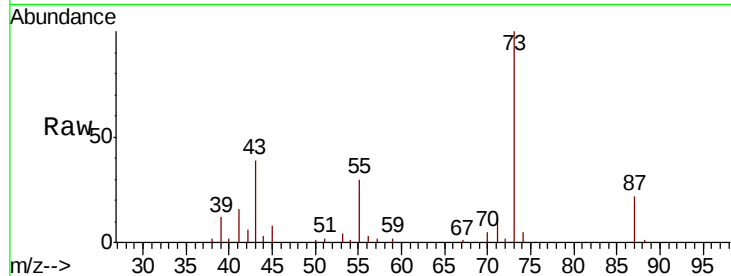




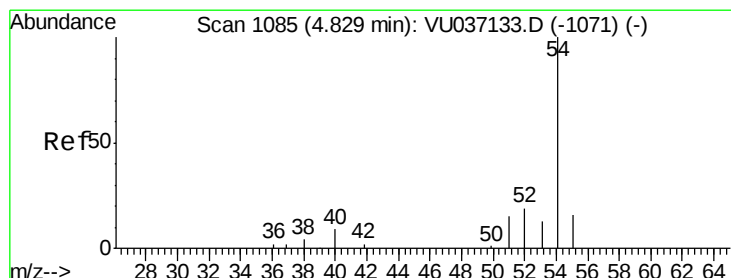
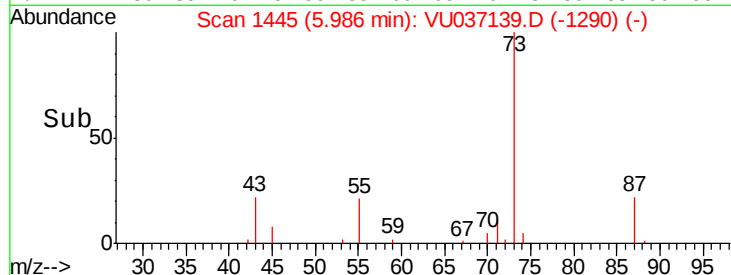
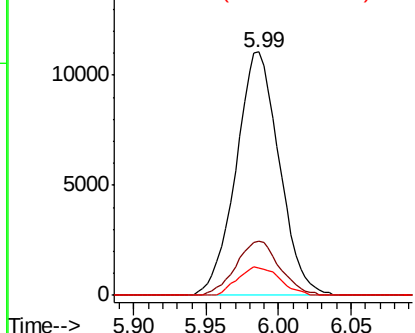
#33
Tert-Butyl methyl ether
Concen: 2.009 ug/l
RT: 5.99 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Tot Ion: 73 Resp: 22911
Ion Ratio Lower Upper
73 100
87 22.5 19.8 29.6
71 11.3 9.1 13.7

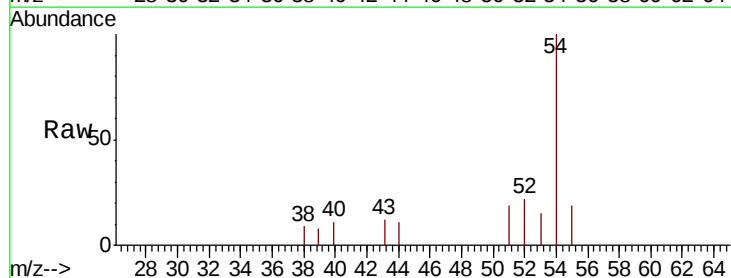


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

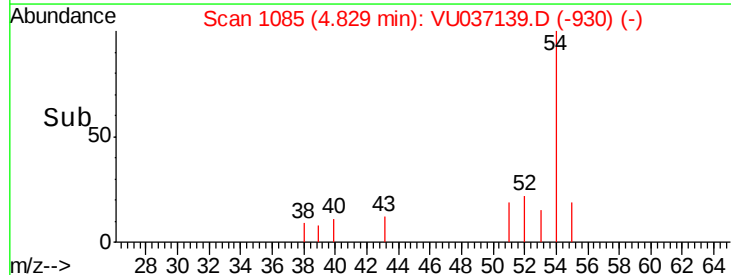
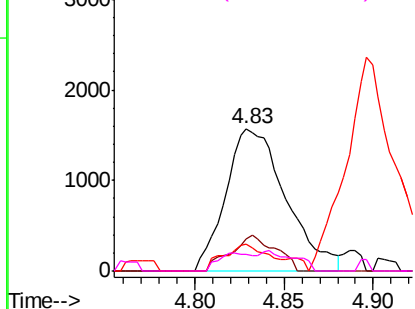


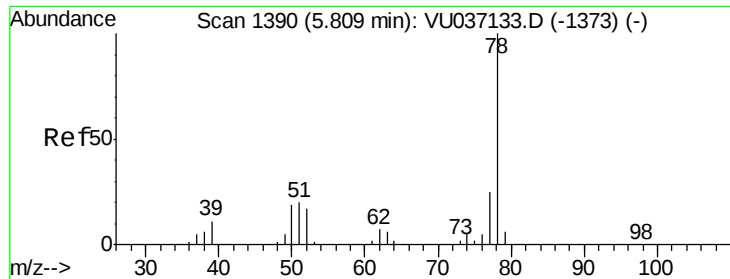
#34
Propionitrile
Concen: 9.753 ug/l
RT: 4.83 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 54 Resp: 3691
Ion Ratio Lower Upper
54 100
52 18.5 15.2 22.8
55 14.1 9.5 14.3
40 6.8 4.6 6.8



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: 2.022 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

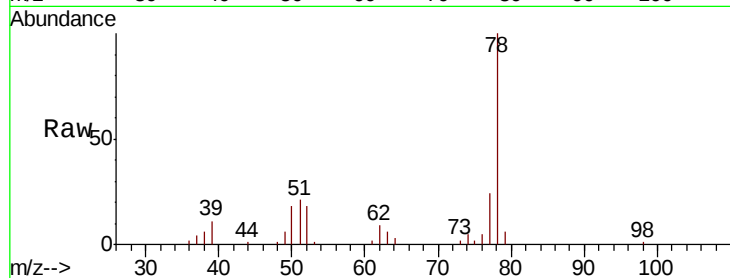
VU0309WBS01

Tot Ion: 78 Resp: 37781

Ion Ratio Lower Upper

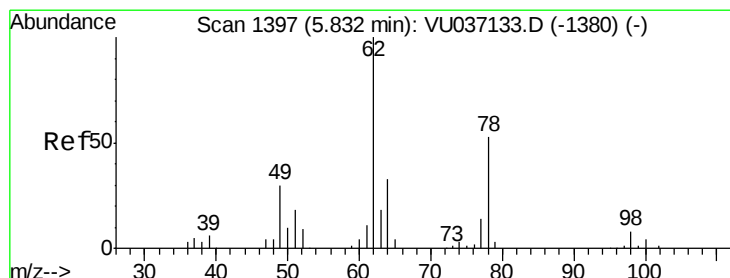
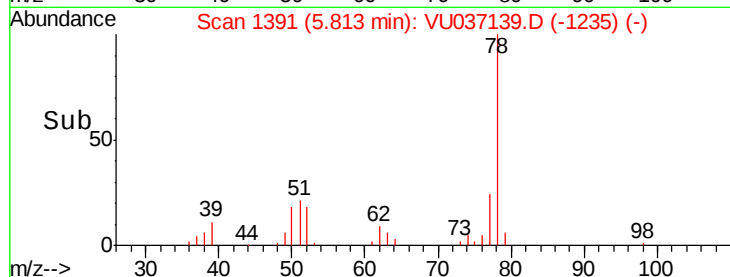
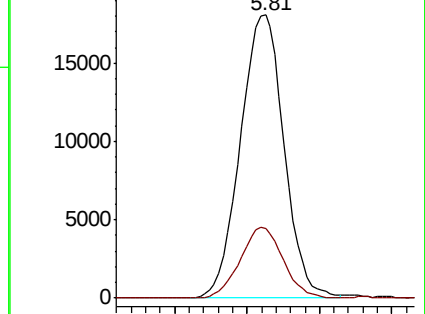
78 100

77 24.4 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037139.D (-1373) (-)

Ion 77.00 (76.70 to 77.70): VU037139.D (-1373) (-)



#36

1,2-Dichloroethane

Concen: 1.979 ug/l

RT: 5.84 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VU037139.D

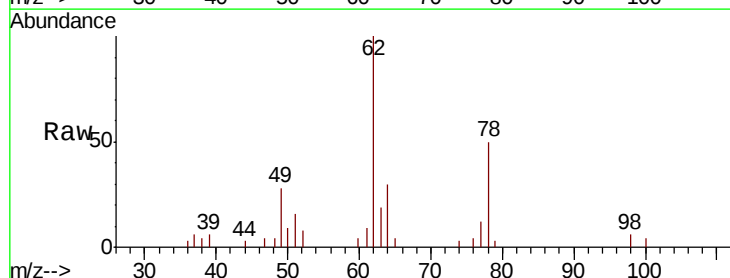
Acq: 09 Mar 2020 18:30

Tgt Ion: 62 Resp: 13403

Ion Ratio Lower Upper

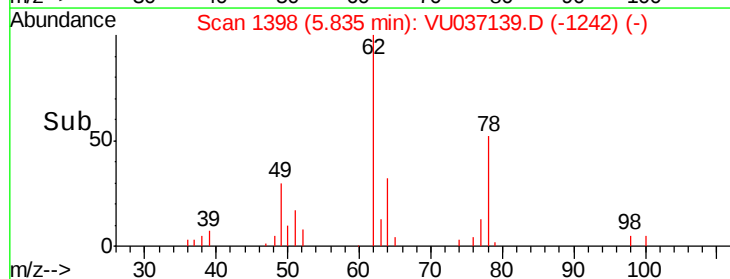
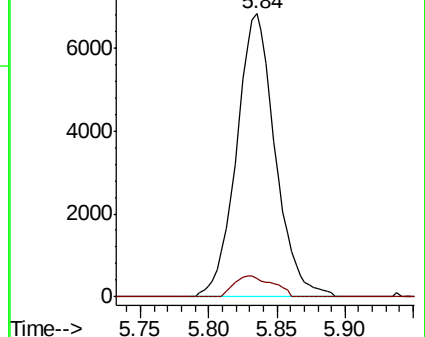
62 100

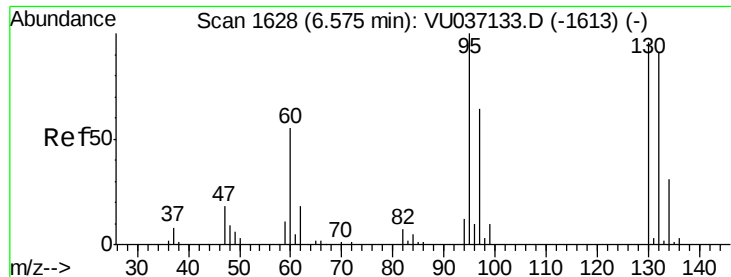
98 7.3 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU037139.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU037139.D (-1380) (-)

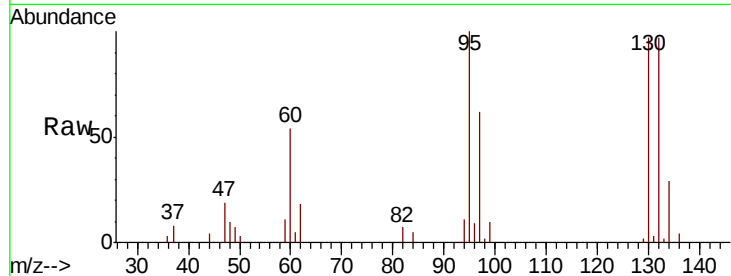




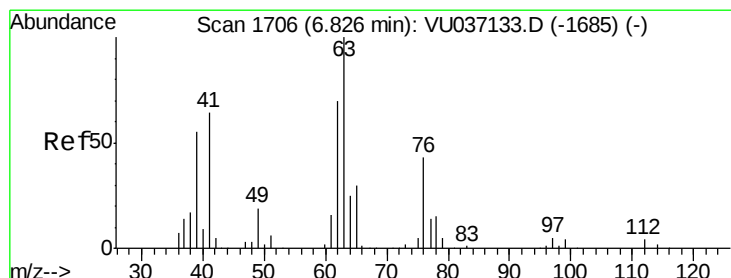
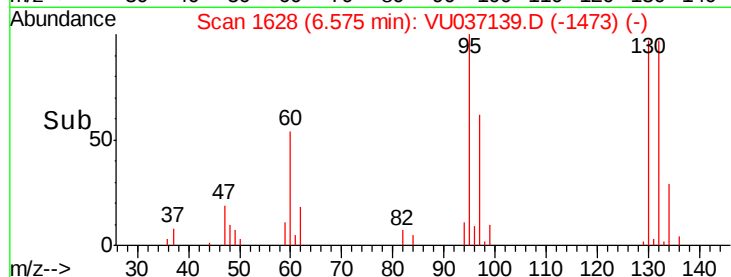
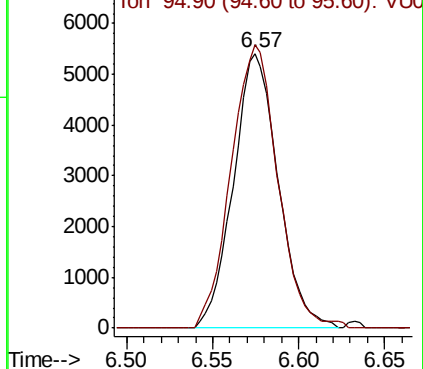
#37
 Trichloroethene
 Concen: 2.001 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

Tot Ion:130 Resp: 9808
 Ion Ratio Lower Upper
 130 100
 95 103.1 77.0 115.4

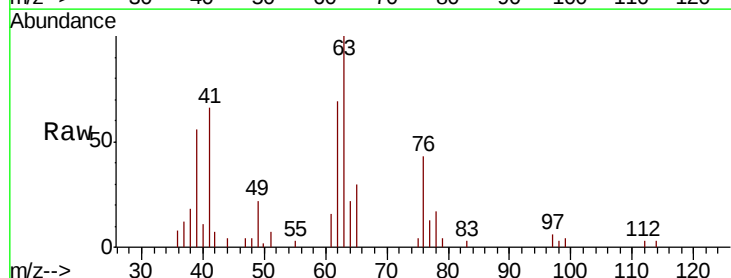


Abundance Ion 129.90 (129.60 to 130.60): VU037139.D (-1613) (-)
 Ion 94.90 (94.60 to 95.60): VU037139.D (-1613) (-)

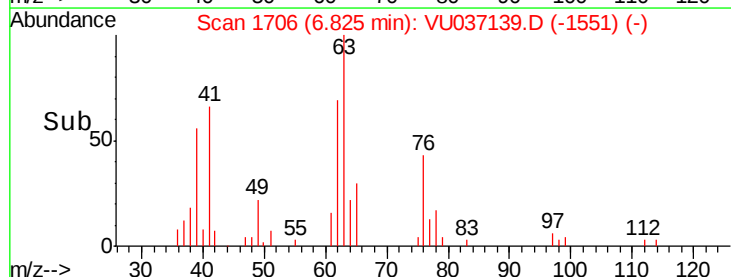
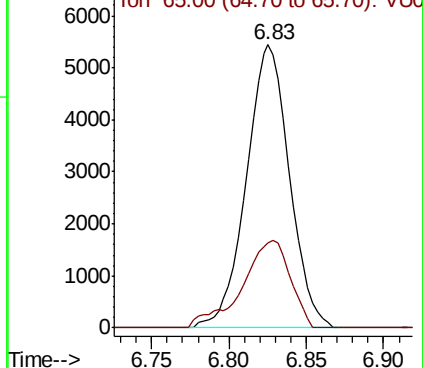


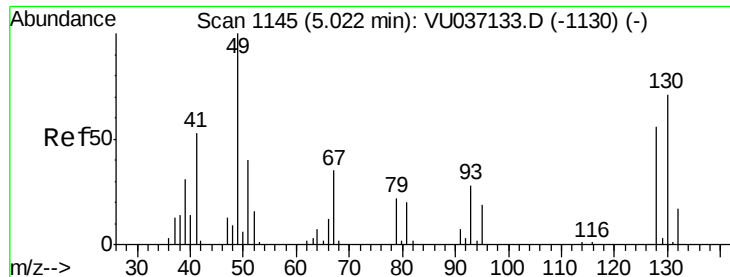
#38
 1,2-Dichloropropane
 Concen: 2.053 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 63 Resp: 10528
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU037139.D (-1685) (-)
 Ion 65.00 (64.70 to 65.70): VU037139.D (-1685) (-)

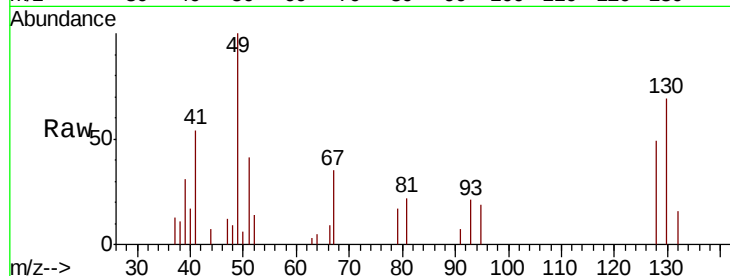




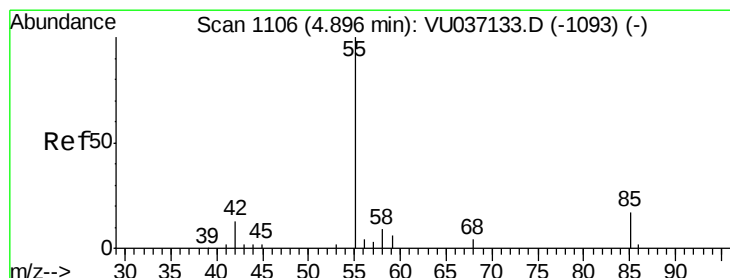
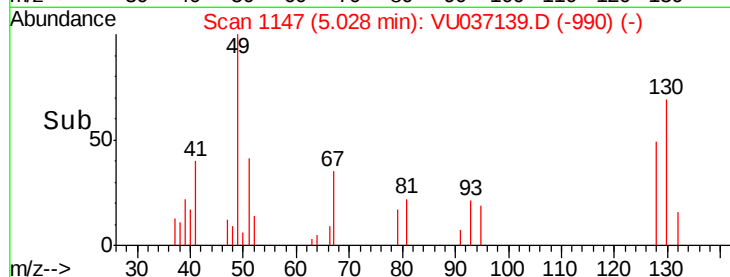
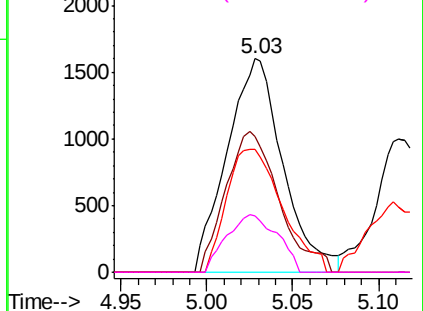
#39
Methacrylonitrile
Concen: 1.980 ug/l
RT: 5.03 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Tot Ion: 41 Resp: 3615
Ion Ratio Lower Upper
41 100
67 63.0 69.6 104.4#
39 57.4 41.6 62.4
52 24.4 25.9 38.9#

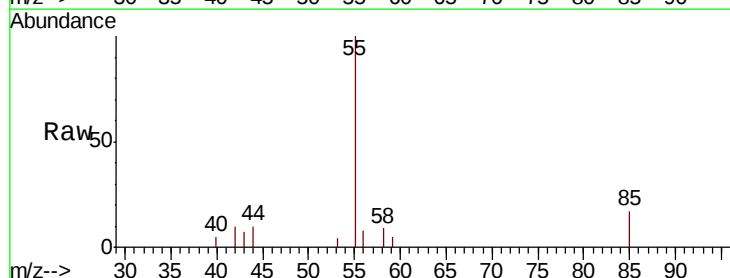


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

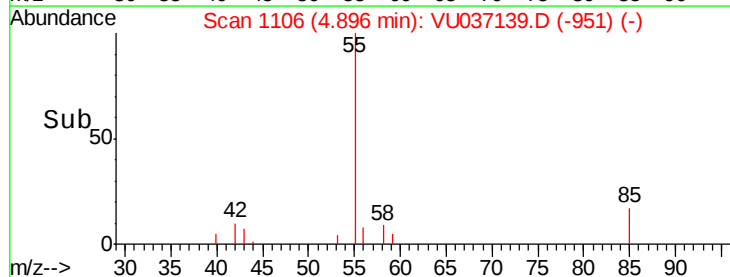
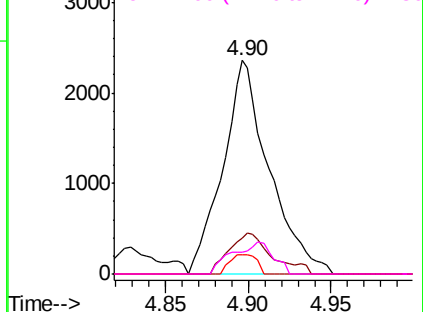


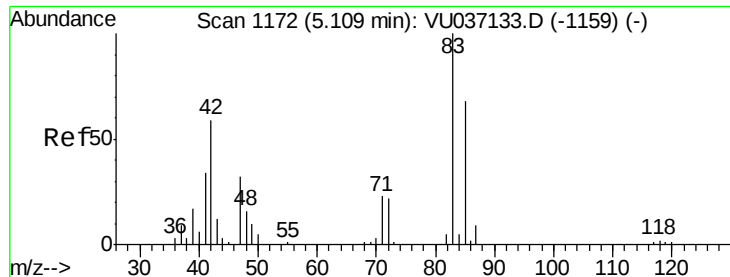
#40
Methyl acrylate
Concen: 1.819 ug/l
RT: 4.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 55 Resp: 4594
Ion Ratio Lower Upper
55 100
85 17.5 14.7 22.1
58 5.2 7.1 10.7#
42 13.0 6.9 10.3#



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





#41

Tetrahydrofuran

Concen: 3.554 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

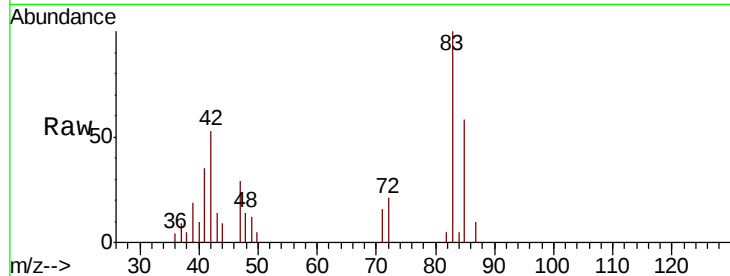
Tot Ion: 42 Resp: 3238

Ion Ratio Lower Upper

42 100

72 23.6 42.5 63.7#

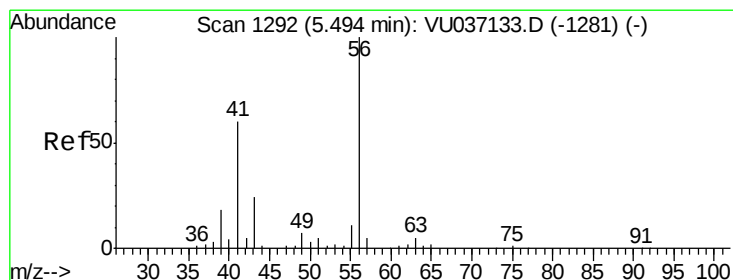
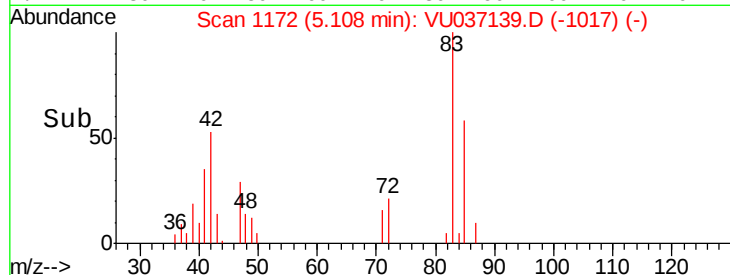
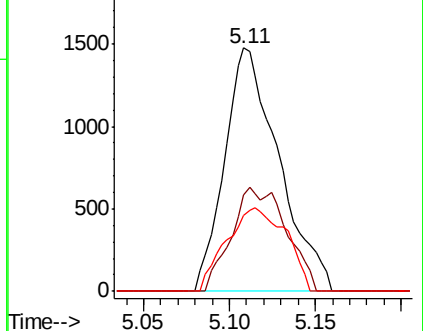
71 37.8 37.3 55.9



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: 2.038 ug/l

RT: 5.50 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VU037139.D

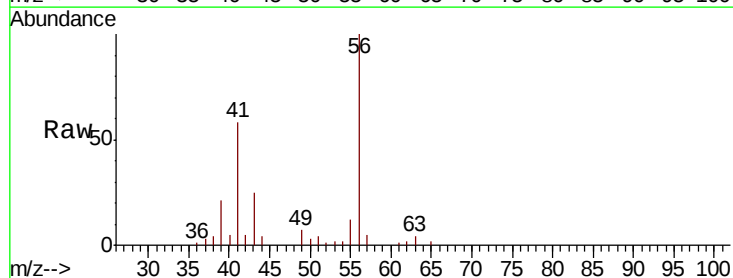
Acq: 09 Mar 2020 18:30

Tgt Ion: 56 Resp: 19304

Ion Ratio Lower Upper

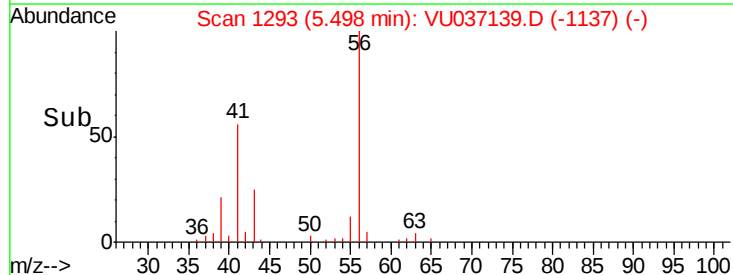
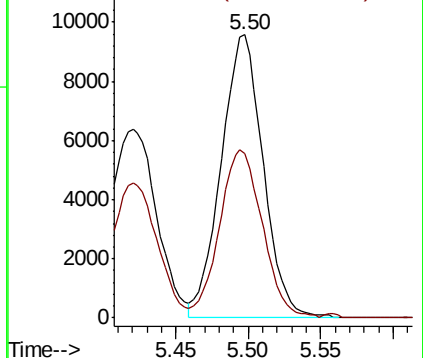
56 100

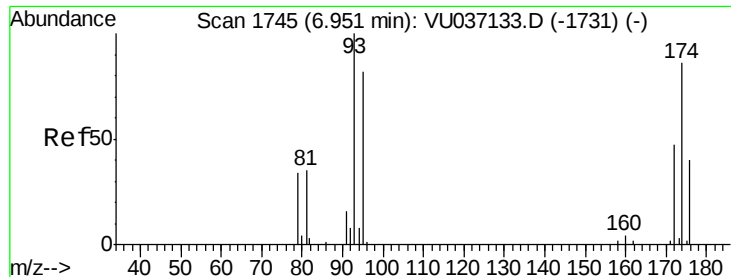
41 60.5 24.8 74.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.971 ug/l

RT: 6.95 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

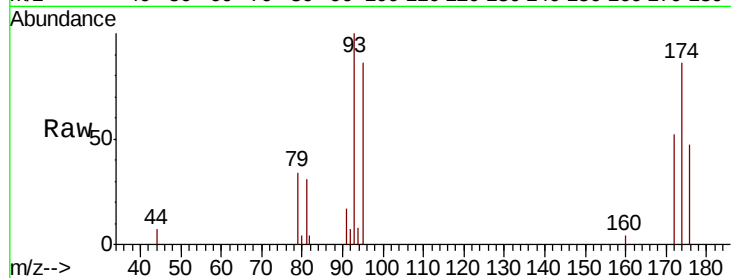
Tot Ion: 93 Resp: 5181

Ion Ratio Lower Upper

93 100

95 88.4 67.9 101.9

174 94.7 83.4 125.0

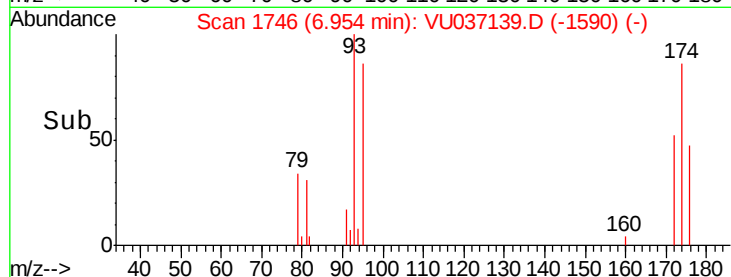


Abundance Ion 93.00 (92.70 to 93.70): VU037139.D (-1731) (-)

Ion 95.00 (94.70 to 95.70): VU037139.D (-1731) (-)

Ion 174.00 (173.70 to 174.70): VU037139.D (-1731) (-)

Time-->

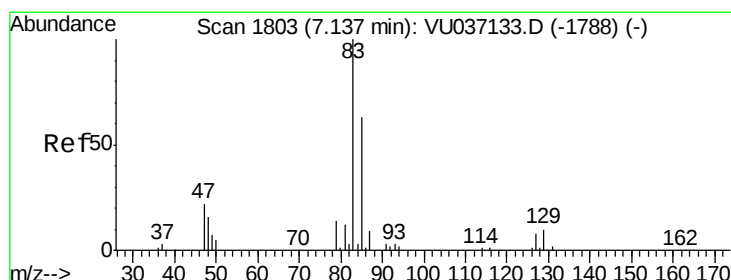


Abundance Ion 93.00 (92.70 to 93.70): VU037139.D (-1590) (-)

Ion 95.00 (94.70 to 95.70): VU037139.D (-1590) (-)

Ion 174.00 (173.70 to 174.70): VU037139.D (-1590) (-)

Time-->



#44

Bromodichloromethane

Concen: 2.011 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

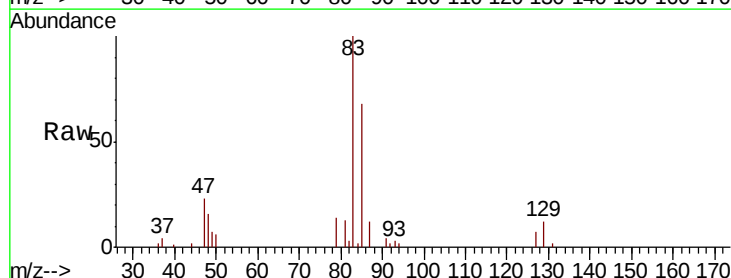
Tgt Ion: 83 Resp: 13758

Ion Ratio Lower Upper

83 100

85 67.5 51.8 77.6

127 7.1 6.8 10.2

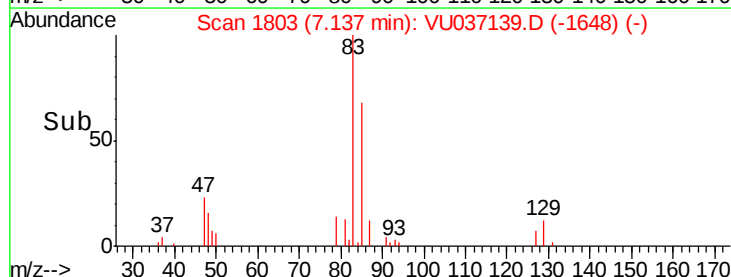


Abundance Ion 83.00 (82.70 to 83.70): VU037139.D (-1788) (-)

Ion 85.00 (84.70 to 85.70): VU037139.D (-1788) (-)

Ion 127.00 (126.70 to 127.70): VU037139.D (-1788) (-)

Time-->

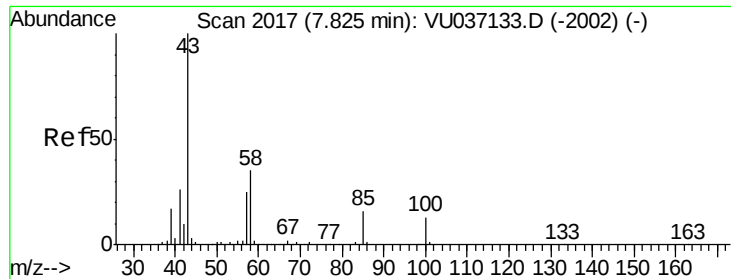


Abundance Ion 83.00 (82.70 to 83.70): VU037139.D (-1648) (-)

Ion 85.00 (84.70 to 85.70): VU037139.D (-1648) (-)

Ion 127.00 (126.70 to 127.70): VU037139.D (-1648) (-)

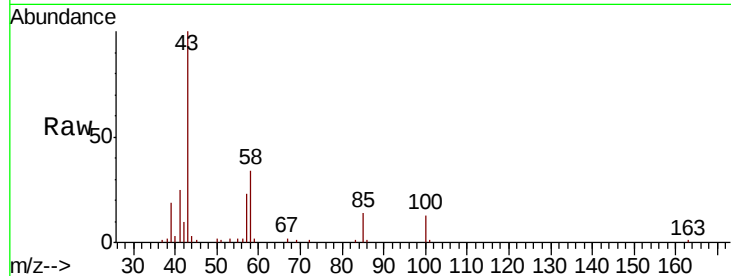
Time-->



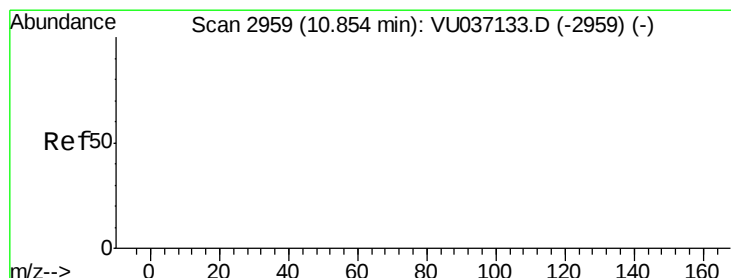
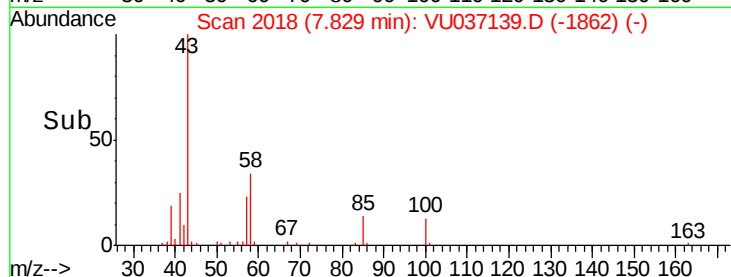
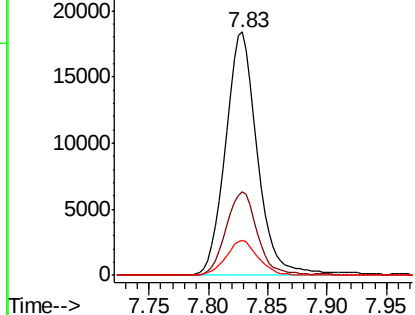
#45
4-Methyl-2-Pentanone
Concen: 9.690 ug/l
RT: 7.83 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Tot Ion: 43 Resp: 34155
Ion Ratio Lower Upper
43 100
58 33.8 22.1 66.1
85 14.4 17.4 26.0#

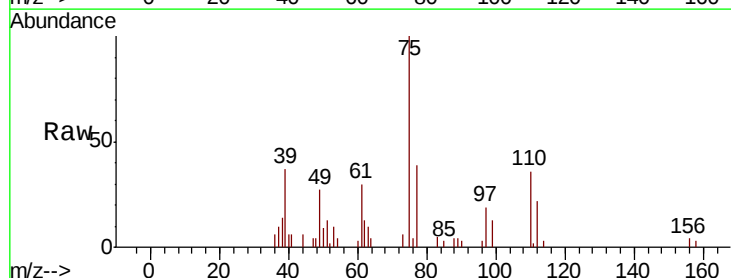


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

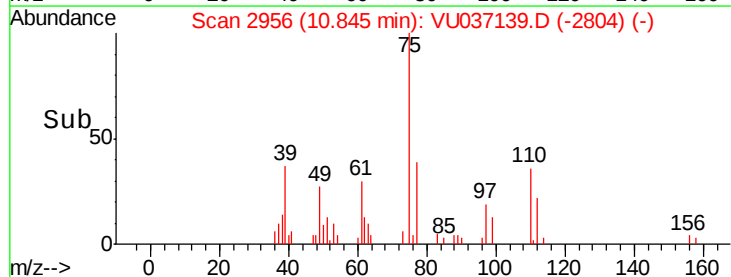
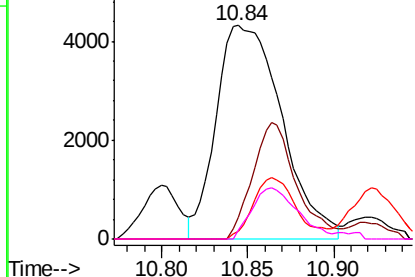


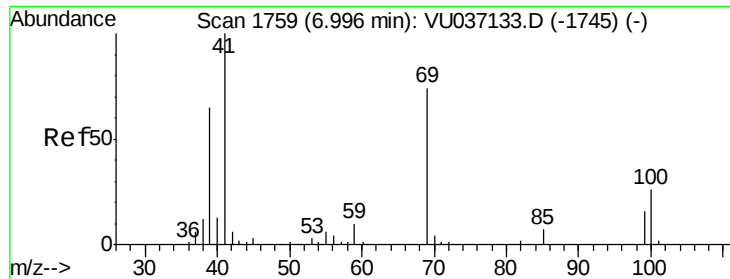
#46
t-1,4-Dichloro-2-butene
Concen: 11.910 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 75 Resp: 11490
Ion Ratio Lower Upper
75 100
53 35.8 52.2 78.2#
89 18.7 39.8 59.6#
88 16.8 27.4 41.2#



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

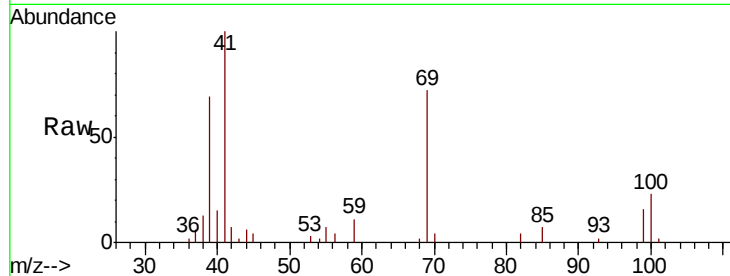




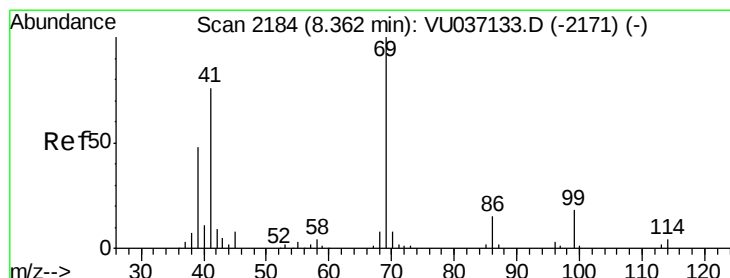
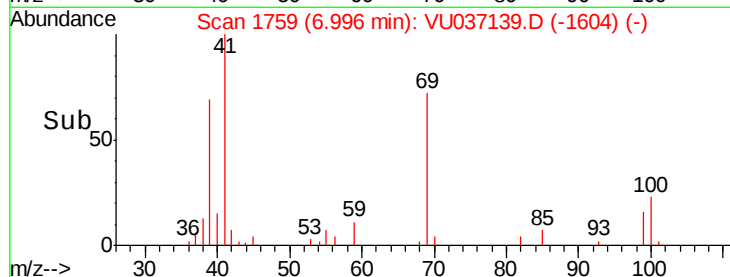
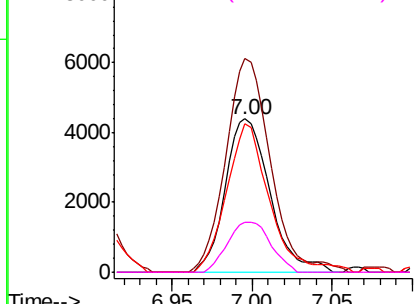
#47
Methyl methacrylate
Concen: 3.849 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Tot Ion: 69 Resp: 8361
Ion Ratio Lower Upper
69 100
41 136.6 0.0 200.8
39 90.7 43.5 65.3#
100 31.2 31.1 46.7

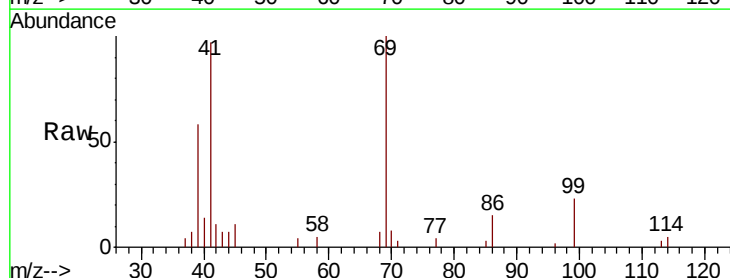


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

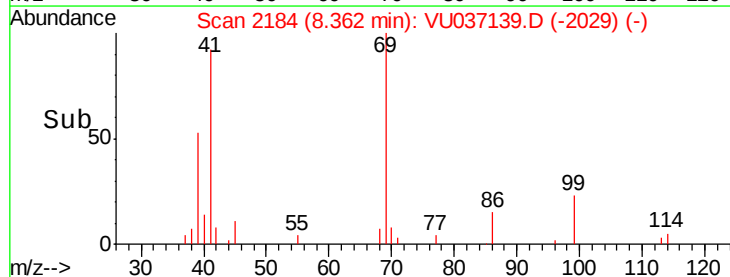
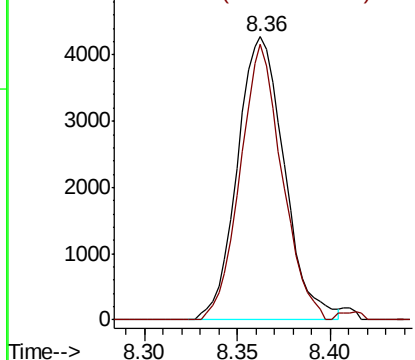


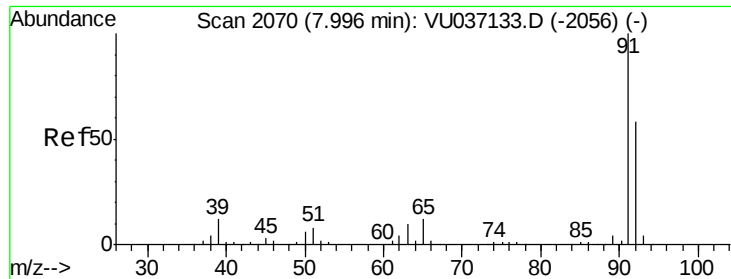
#48
Ethyl methacrylate
Concen: 1.752 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 69 Resp: 7520
Ion Ratio Lower Upper
69 100
41 86.7 27.9 83.6#



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.975 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

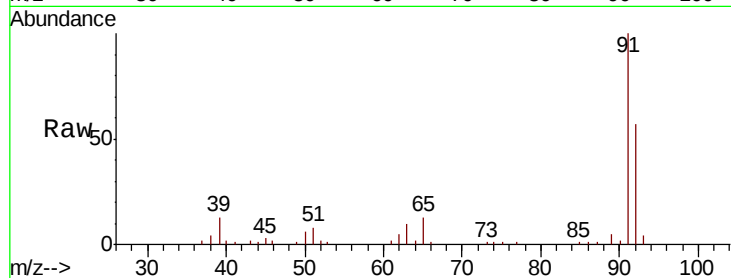
VU0309WBS01

Tot Ion: 92 Resp: 22284

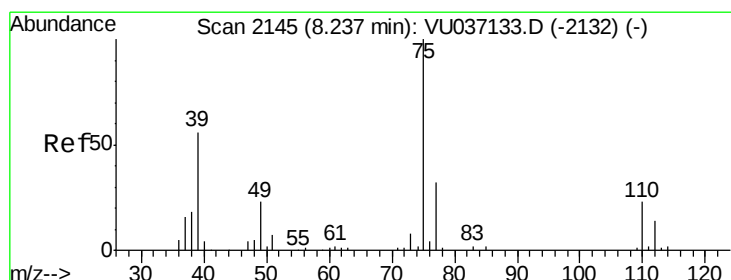
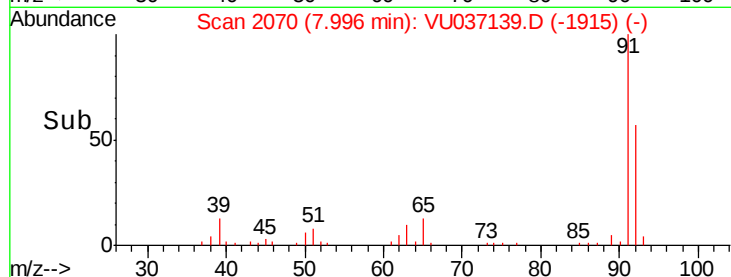
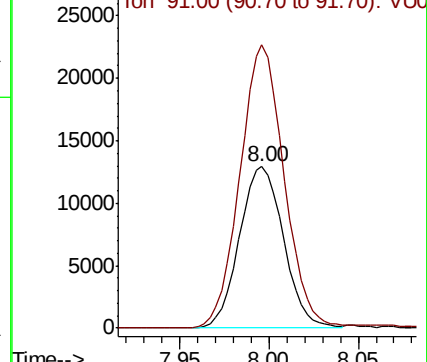
Ion Ratio Lower Upper

92 100

91 175.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU037139.D (-2056) (-)



#50

t-1,3-Dichloropropene

Concen: 1.903 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037139.D

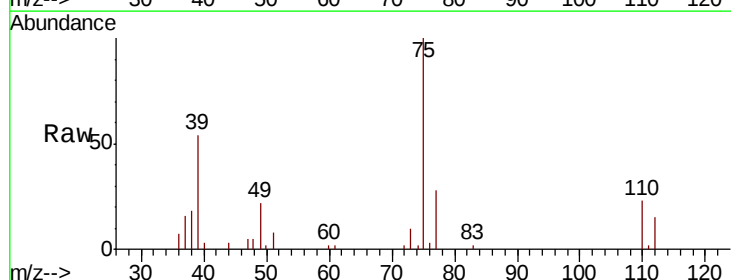
Acq: 09 Mar 2020 18:30

Tgt Ion: 75 Resp: 11733

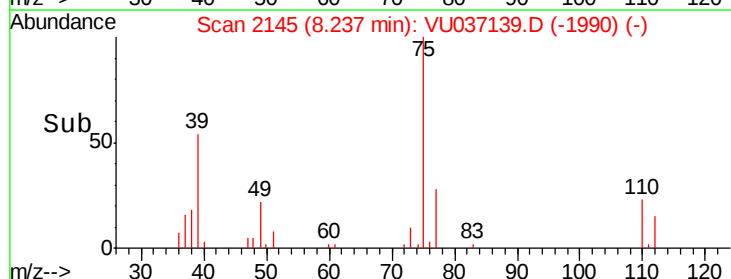
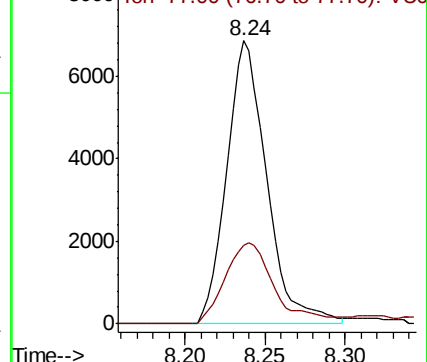
Ion Ratio Lower Upper

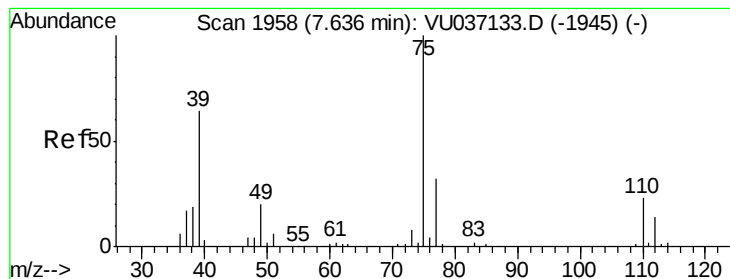
75 100

77 27.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037139.D (-2132) (-)





#51

cis-1,3-Dichloropropene

Concen: 1.882 ug/l

RT: 7.64 min Scan# 1958

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

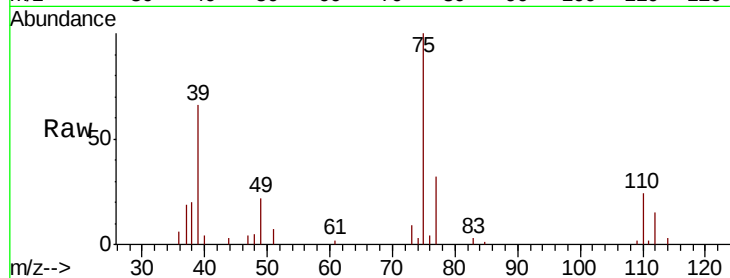
Tot Ion: 75 Resp: 13253

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

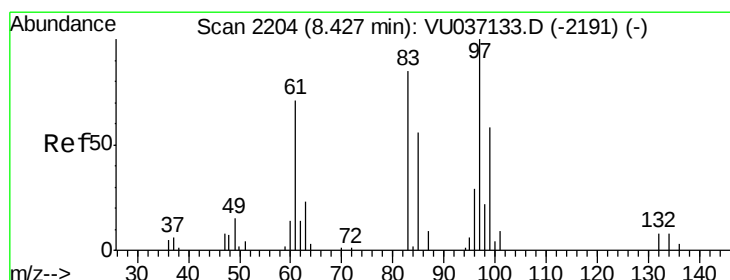
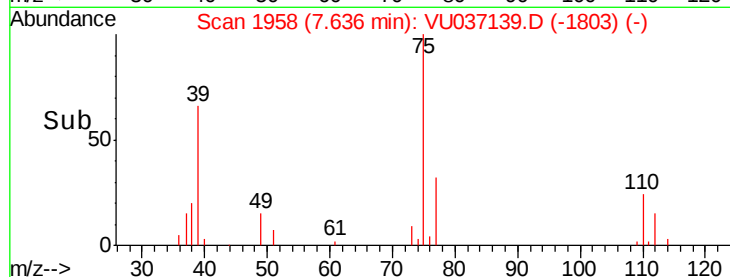
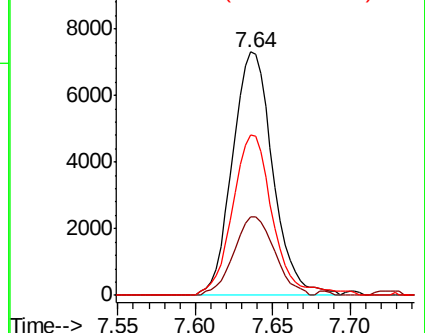
39 65.9 31.8 47.6#



Abundance Ion 75.00 (74.70 to 75.70): VU037139.D (-1945) (-)

Ion 77.00 (76.70 to 77.70): VU037139.D (-1945) (-)

Ion 39.00 (38.70 to 39.70): VU037139.D (-1945) (-)



#52

1,1,2-Trichloroethane

Concen: 2.117 ug/l

RT: 8.43 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Tgt Ion: 97 Resp: 7424

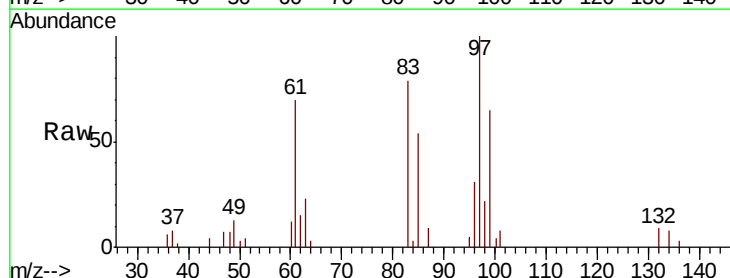
Ion Ratio Lower Upper

97 100

83 78.8 70.9 106.3

85 54.3 45.6 68.4

99 64.9 51.0 76.4

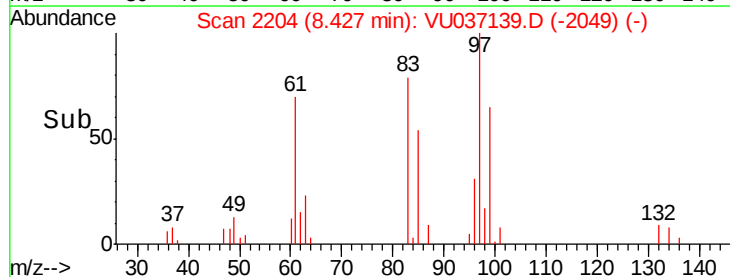
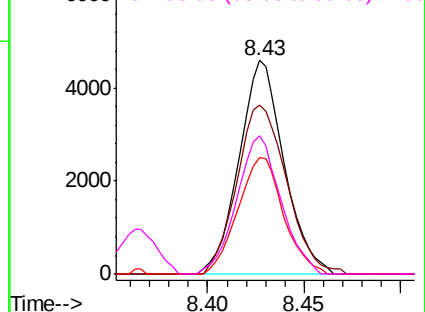


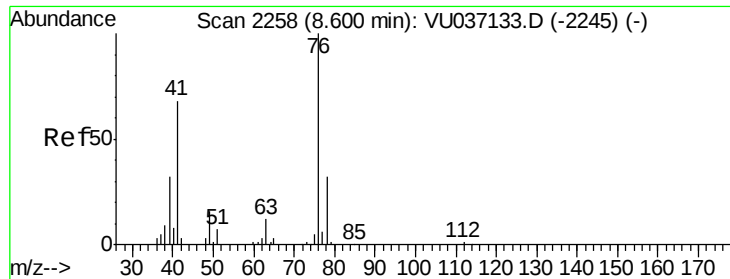
Abundance Ion 97.00 (96.70 to 97.70): VU037139.D (-2191) (-)

Ion 82.95 (82.65 to 83.65): VU037139.D (-2191) (-)

Ion 84.95 (84.65 to 85.65): VU037139.D (-2191) (-)

Ion 98.95 (98.65 to 99.65): VU037139.D (-2191) (-)





#53

1,3-Dichloropropane

Concen: 2.015 ug/l

RT: 8.60 min Scan# 2259

Delta R.T. 0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

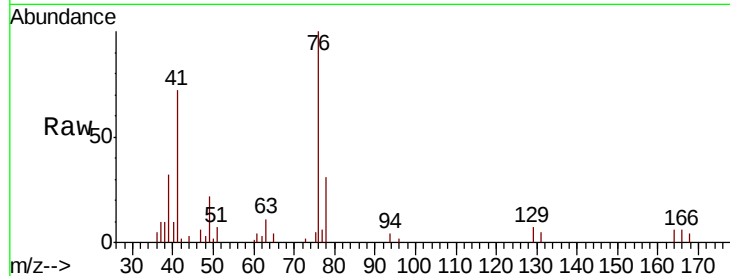
VU0309WBS01

Tot Ion: 76 Resp: 12531

Ion Ratio Lower Upper

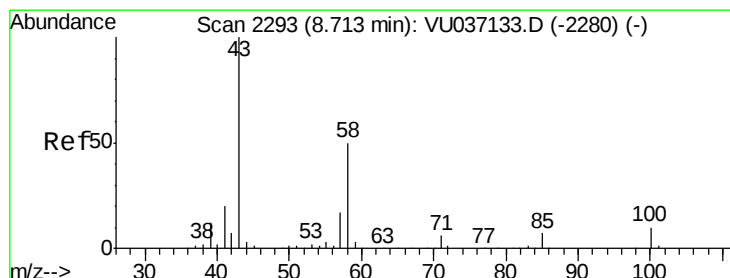
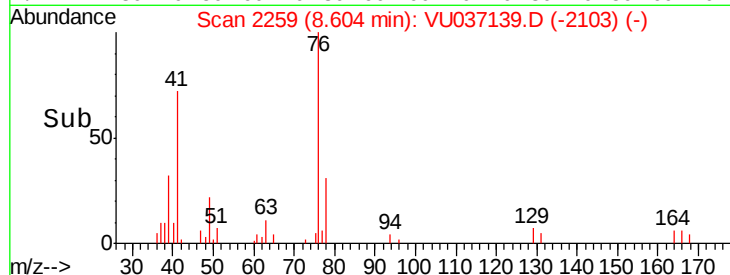
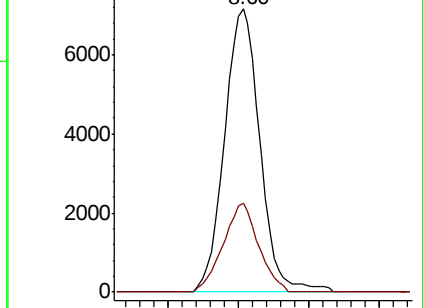
76 100

78 31.4 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU037139.D (-2245) (-)

Ion 78.00 (77.70 to 78.70): VU037139.D (-2245) (-)



#54

2-Hexanone

Concen: 9.401 ug/l

RT: 8.72 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

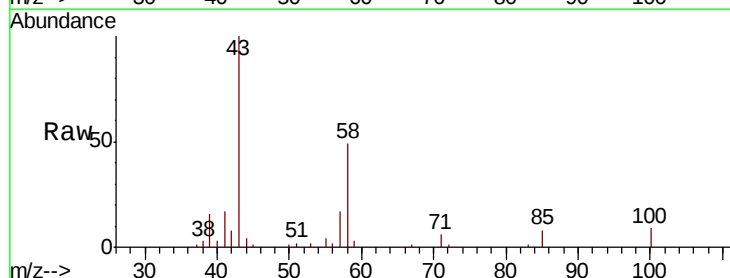
Tgt Ion: 43 Resp: 22827

Ion Ratio Lower Upper

43 100

58 43.6 40.6 80.6

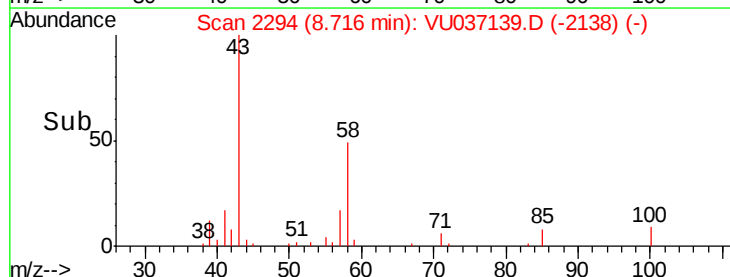
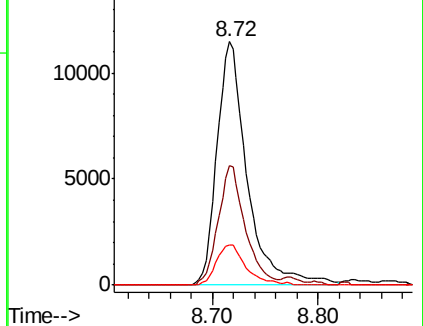
57 16.2 1.2 41.2

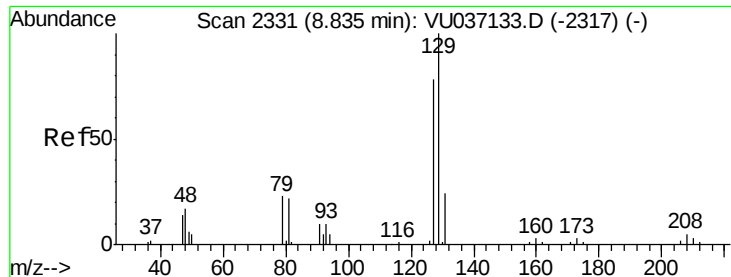


Abundance Ion 43.00 (42.70 to 43.70): VU037139.D (-2280) (-)

Ion 58.00 (57.70 to 58.70): VU037139.D (-2280) (-)

Ion 57.00 (56.70 to 57.70): VU037139.D (-2280) (-)





#55

Dibromochloromethane

Concen: 1.997 ug/l

RT: 8.84 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

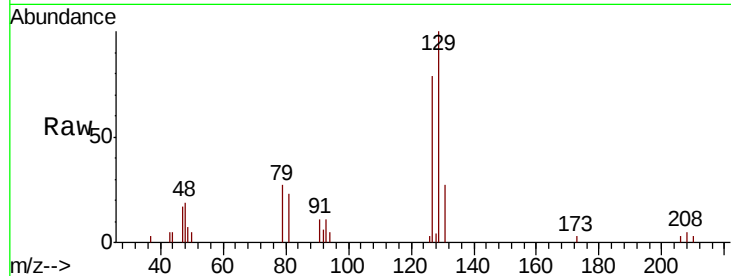
Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Tot Ion:129 Resp: 8669

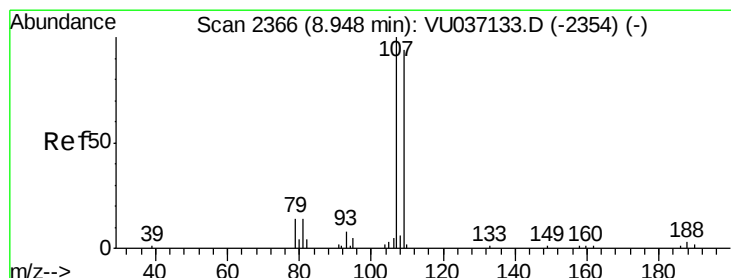
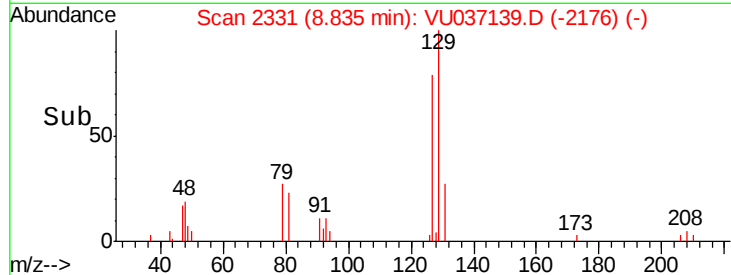
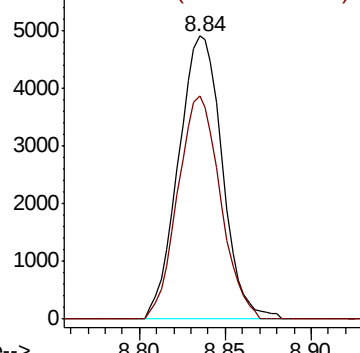
Ion Ratio Lower Upper

129 100

127 76.7 62.6 94.0



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



#56

1,2-Dibromoethane

Concen: 1.948 ug/l

RT: 8.95 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VU037139.D

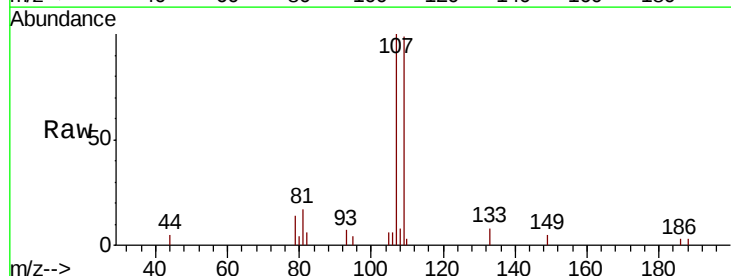
Acq: 09 Mar 2020 18:30

Tgt Ion:107 Resp: 6468

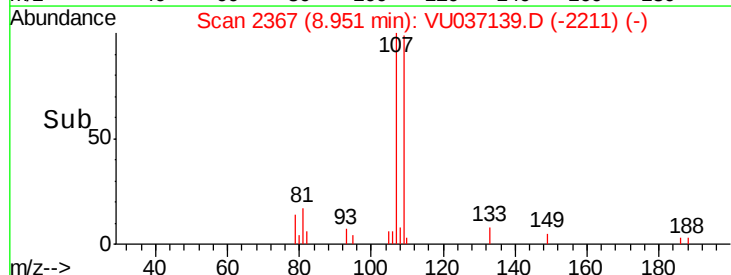
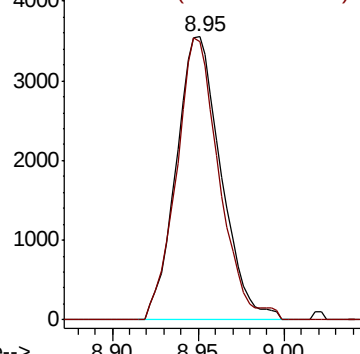
Ion Ratio Lower Upper

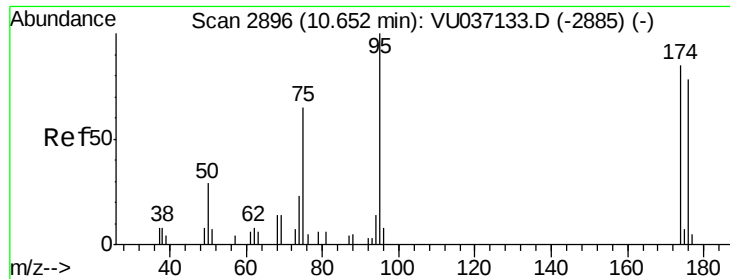
107 100

109 94.7 0.0 190.8



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

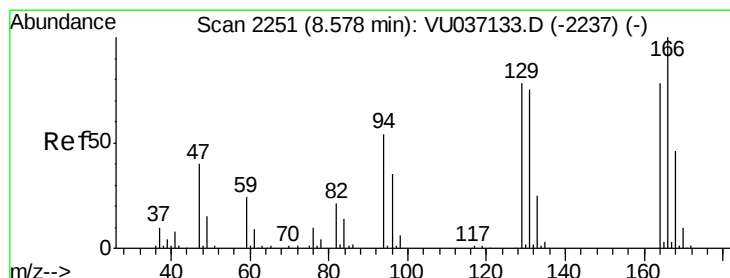
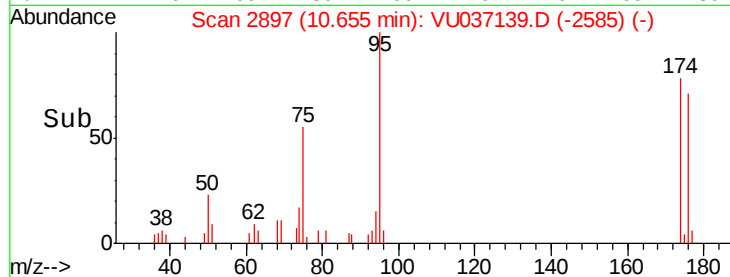
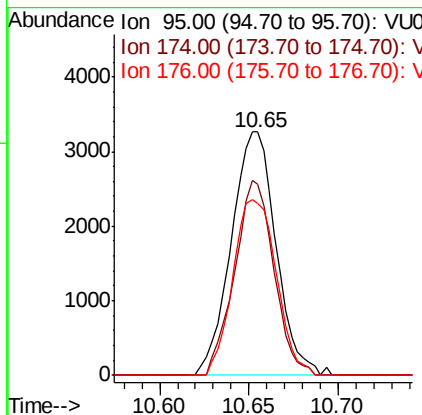
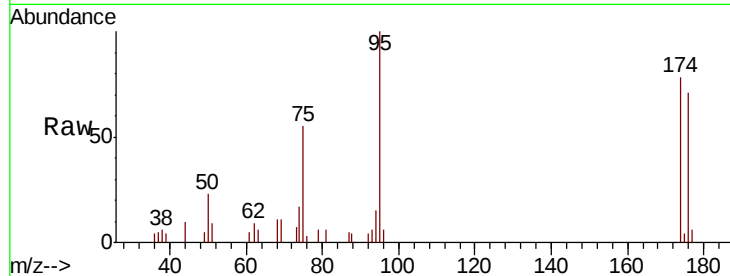




#57
4-Bromofluorobenzene
Concen: 0.954 ug/l
RT: 10.65 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

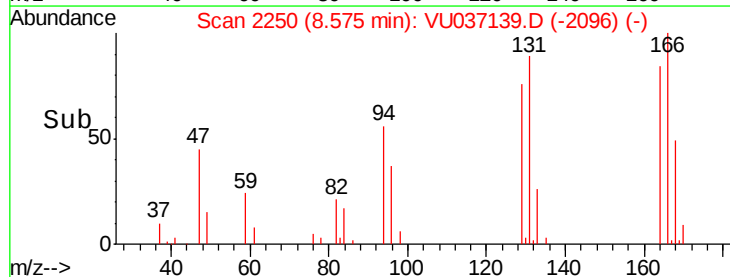
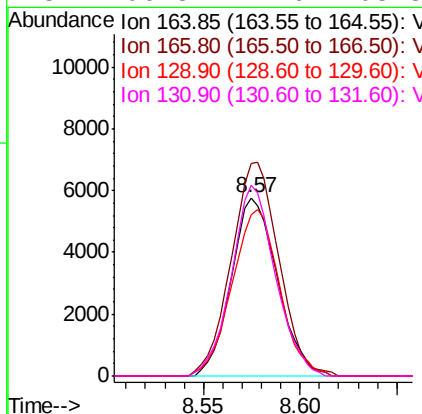
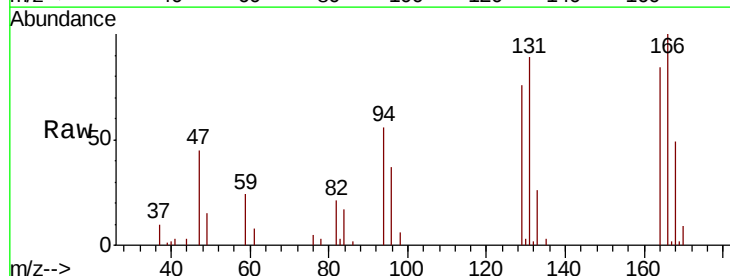
Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

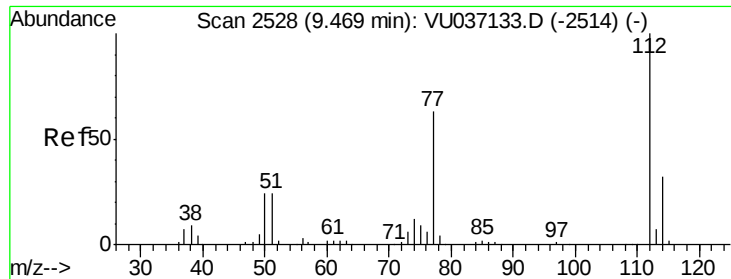
Tot Ion: 95 Resp: 5716
Ion Ratio Lower Upper
95 100
174 70.2 64.7 97.1
176 70.1 60.6 91.0



#58
Tetrachloroethene
Concen: 2.074 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 164 Resp: 9541
Ion Ratio Lower Upper
164 100
166 119.7 102.0 153.0
129 90.9 74.9 112.3
131 106.8 72.6 108.8





#59

Chlorobenzene

Concen: 2.016 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

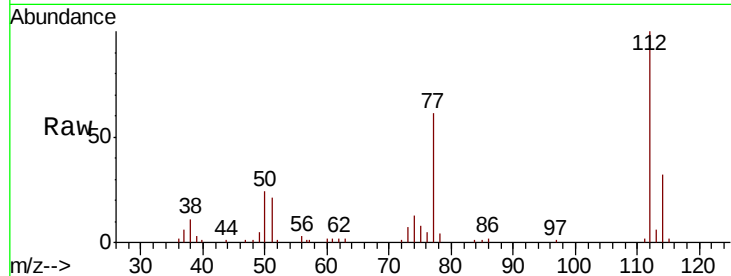
VU0309WBS01

Tot Ion:112 Resp: 25387

Ion Ratio Lower Upper

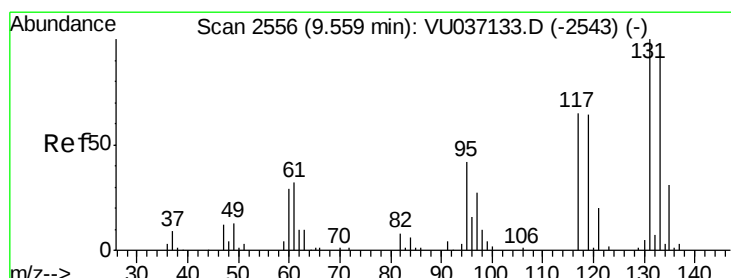
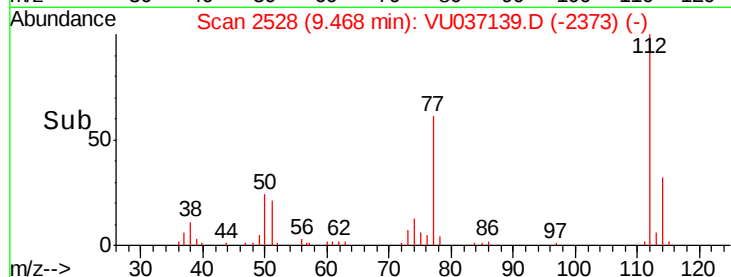
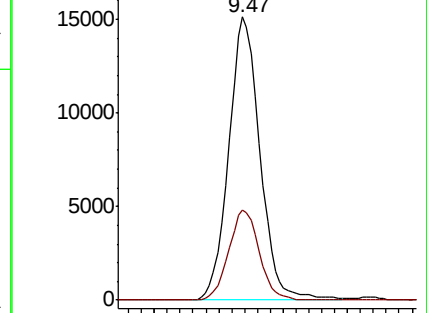
112 100

114 31.7 25.8 38.8



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: 2.026 ug/l

RT: 9.56 min Scan# 2556

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

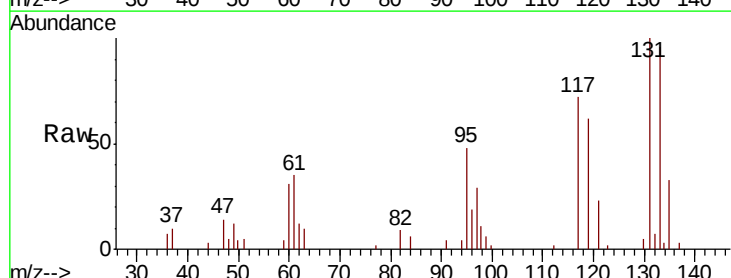
Tgt Ion:131 Resp: 9337

Ion Ratio Lower Upper

131 100

133 94.7 76.4 114.6

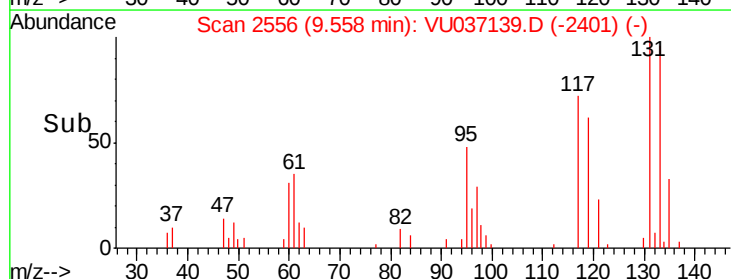
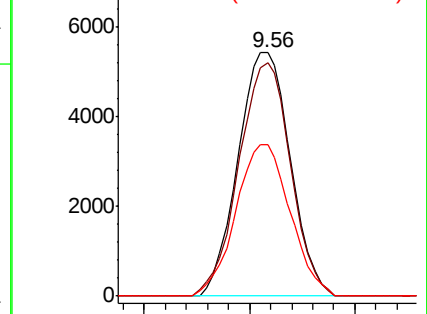
119 64.6 56.6 85.0

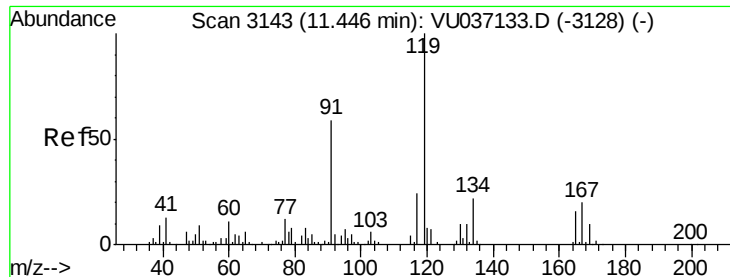


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 2.117 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

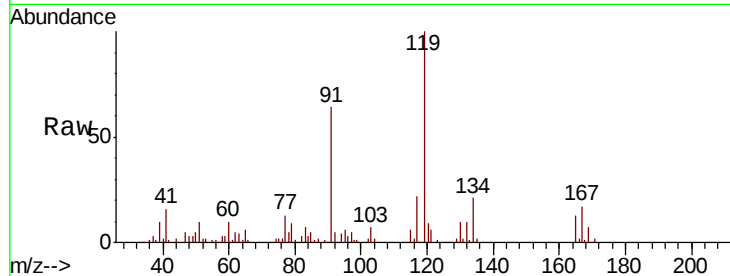
VU0309WBS01

Tot Ion:117 Resp: 7443

Ion Ratio Lower Upper

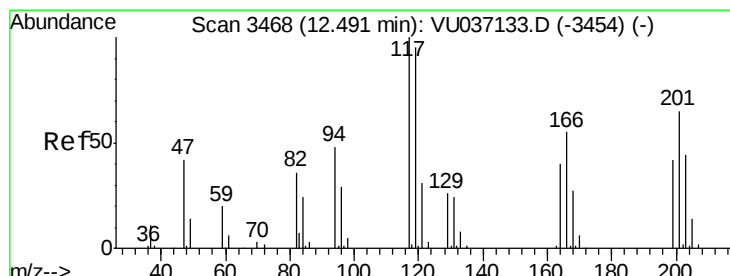
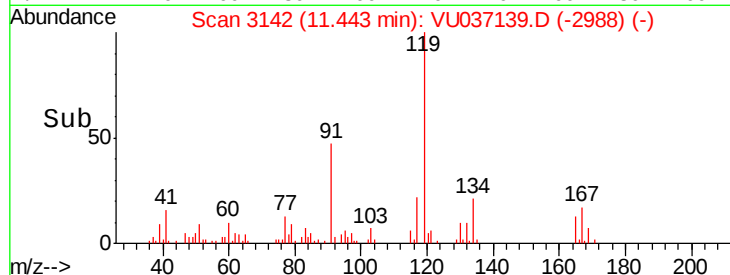
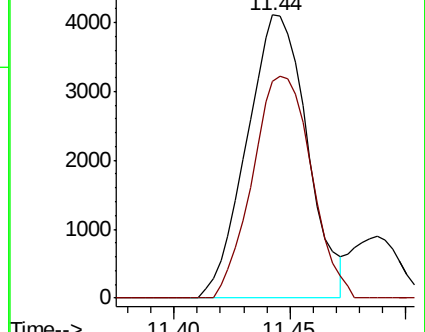
117 100

167 76.4 66.7 100.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.980 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. -0.00 min

Lab File: VU037139.D

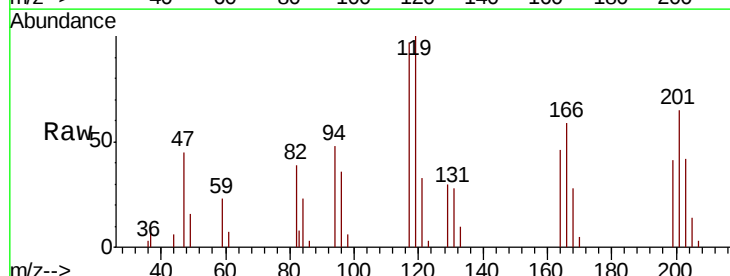
Acq: 09 Mar 2020 18:30

Tgt Ion:117 Resp: 7453

Ion Ratio Lower Upper

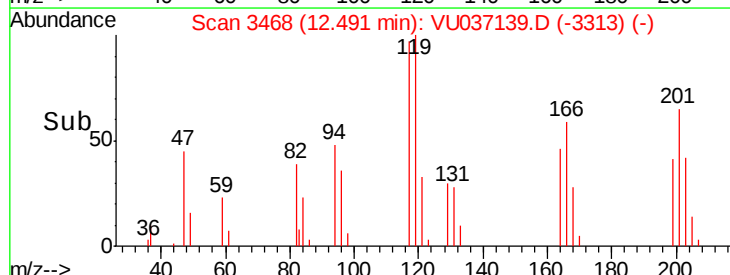
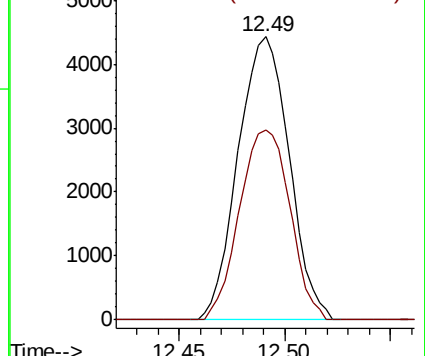
117 100

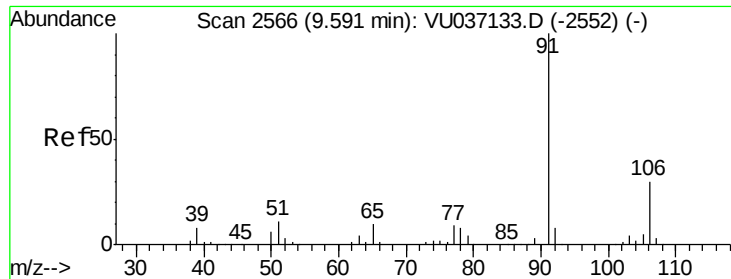
201 66.4 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

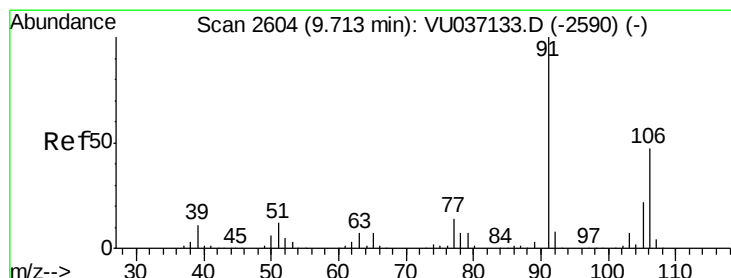
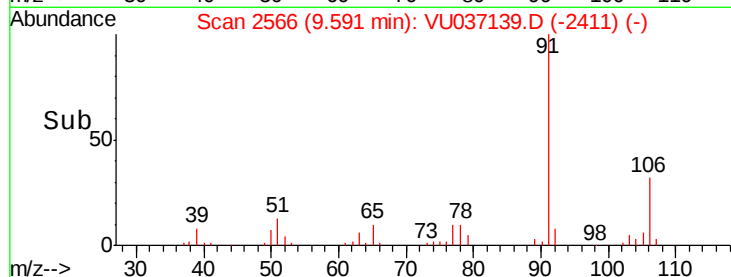
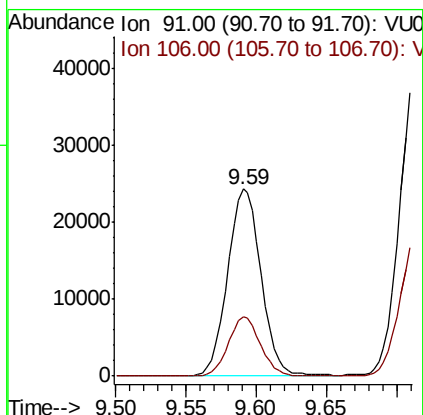
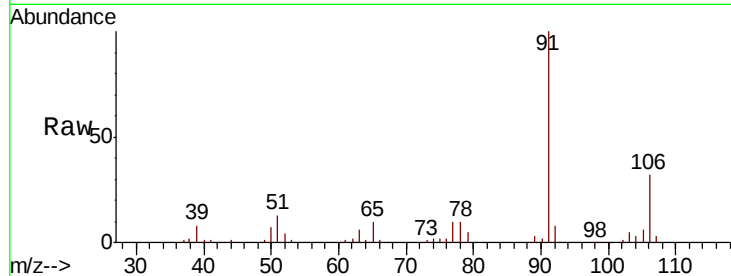




#63
Ethyl Benzene
Concen: 1.887 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

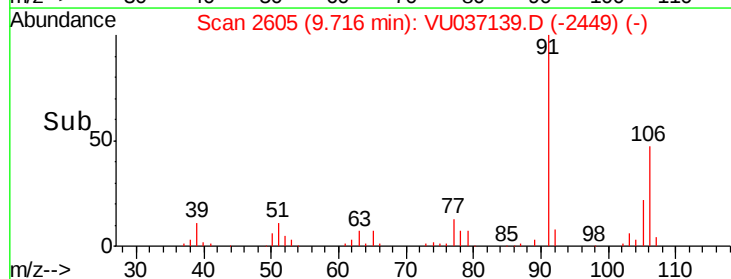
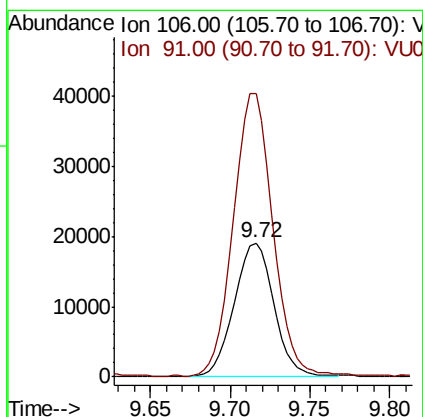
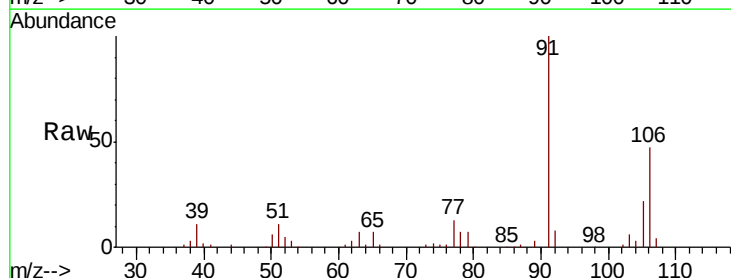
Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

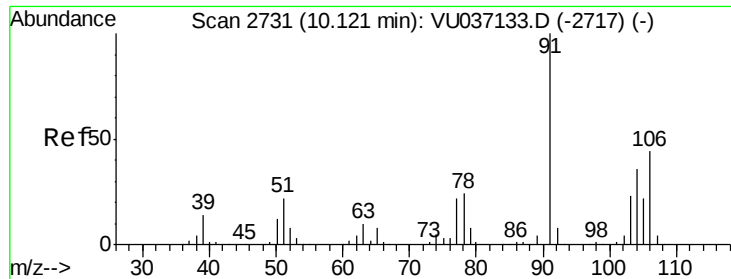
Tot Ion: 91 Resp: 40550
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0



#64
m/p-Xylenes
Concen: 3.964 ug/l
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion: 106 Resp: 32253
Ion Ratio Lower Upper
106 100
91 209.2 158.2 237.4





#65

o-Xylene

Concen: 2.094 ug/l

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

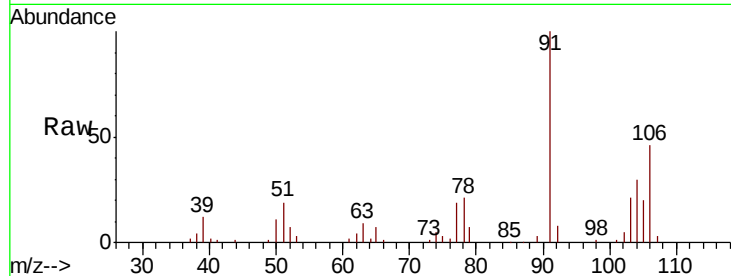
VU0309WBS01

Tot Ion:106 Resp: 16443

Ion Ratio Lower Upper

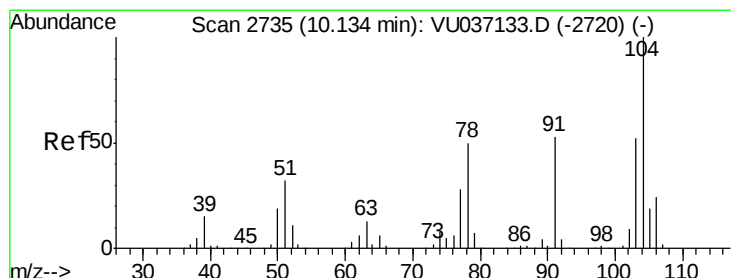
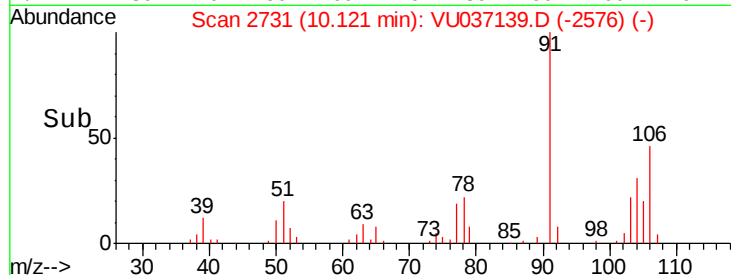
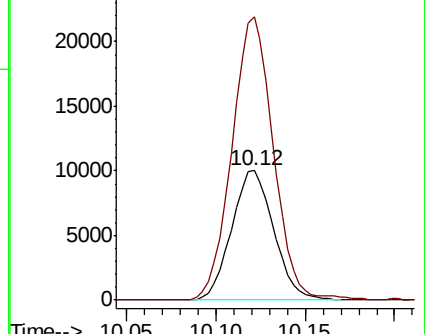
106 100

91 215.9 104.3 312.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.923 ug/l

RT: 10.13 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

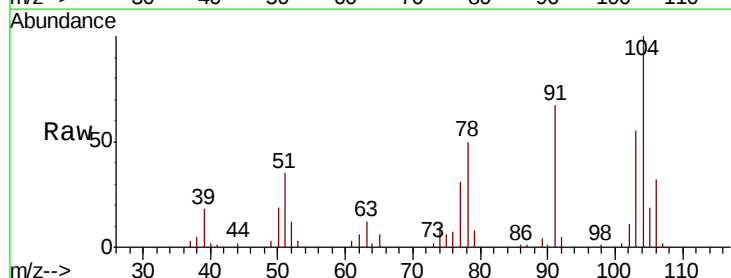
Tgt Ion:104 Resp: 24706

Ion Ratio Lower Upper

104 100

78 57.8 38.6 57.8

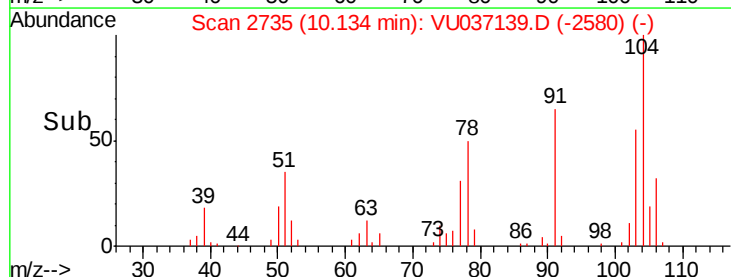
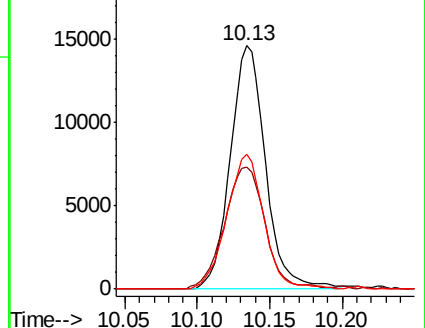
103 58.2 44.4 66.6

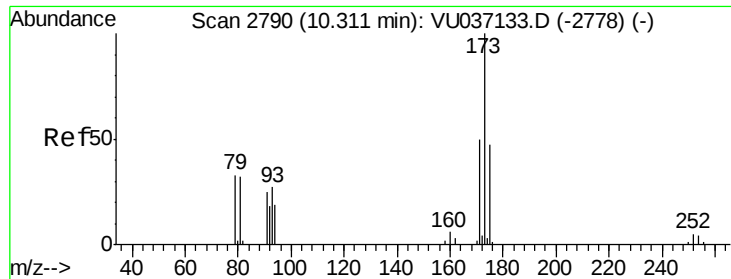


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

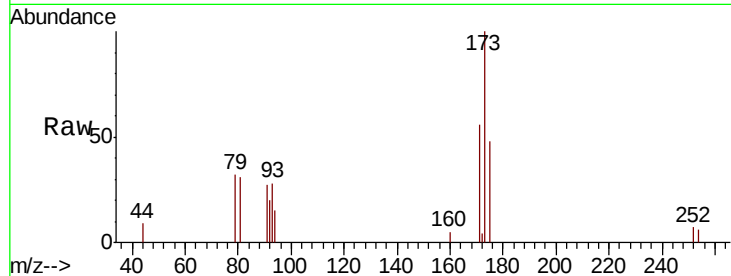




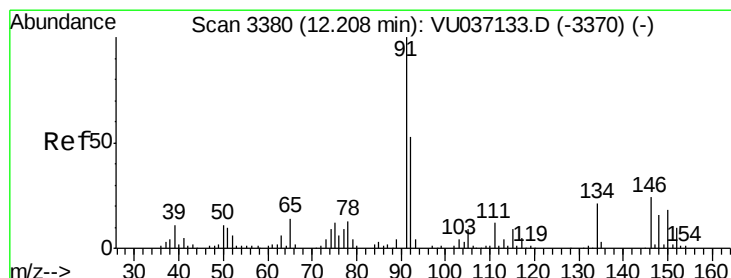
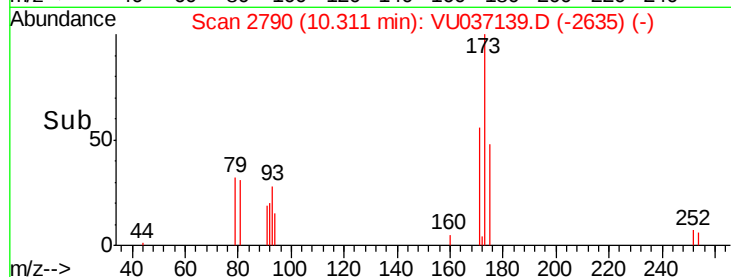
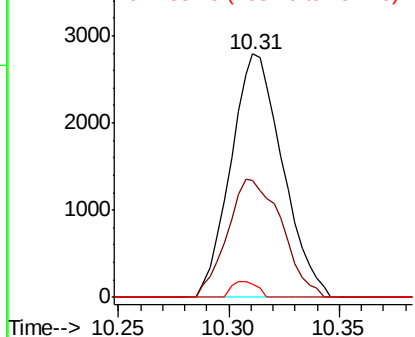
#67
Bromoform
Concen: 1.981 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBS01

Tot Ion:173 Resp: 4539
Ion Ratio Lower Upper
173 100
175 51.1 38.3 57.5
254 3.3 6.6 9.8#

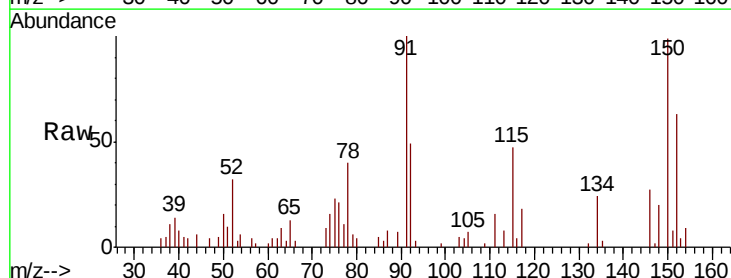


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

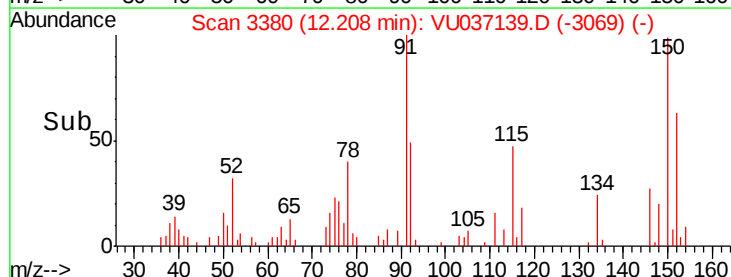
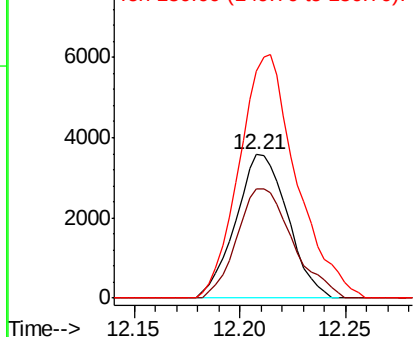


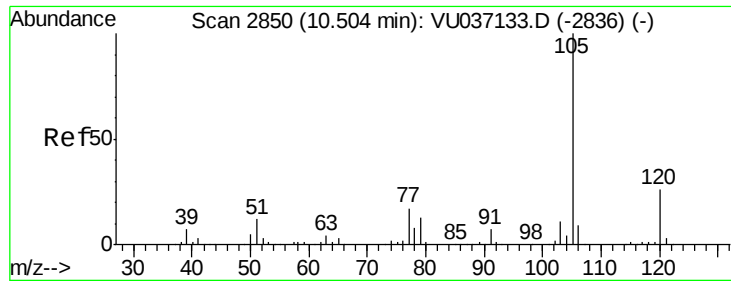
#68
1,2-Dichlorobenzene-d4
Concen: 1.005 ug/l
RT: 12.21 min Scan# 3380
Delta R.T. -0.00 min
Lab File: VU037139.D
Acq: 09 Mar 2020 18:30

Tgt Ion:152 Resp: 6136
Ion Ratio Lower Upper
152 100
115 81.5 0.0 241.8
150 186.6 0.0 652.4



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: 1.964 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

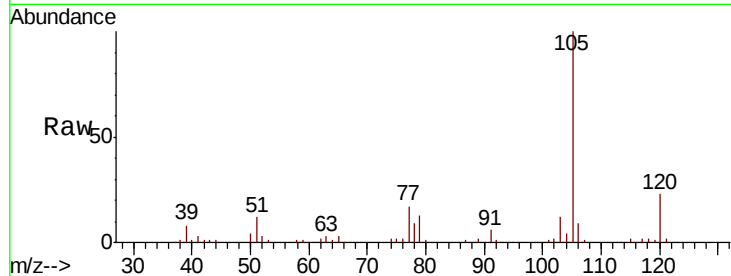
VU0309WBS01

Tot Ion:105 Resp: 42029

Ion Ratio Lower Upper

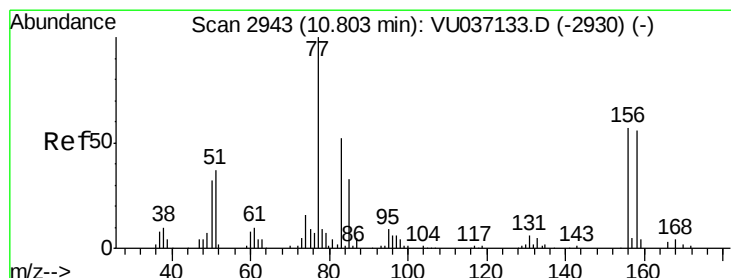
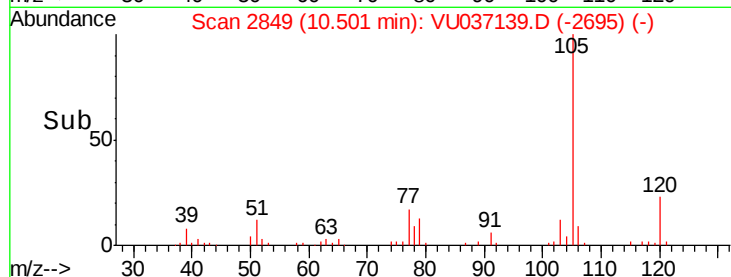
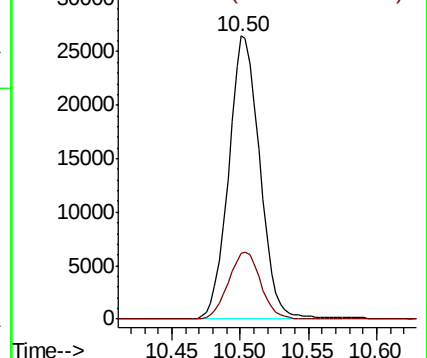
105 100

120 24.4 13.6 40.7



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: 2.066 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

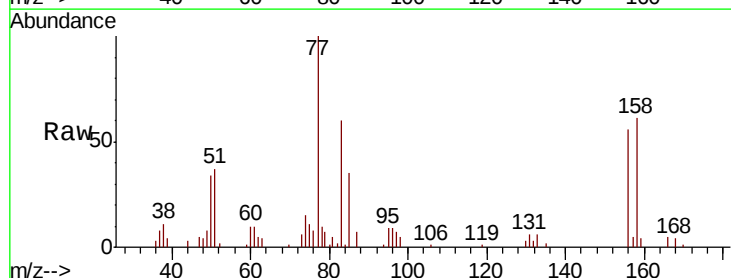
Tgt Ion: 83 Resp: 9528

Ion Ratio Lower Upper

83 100

131 9.1 7.8 11.8

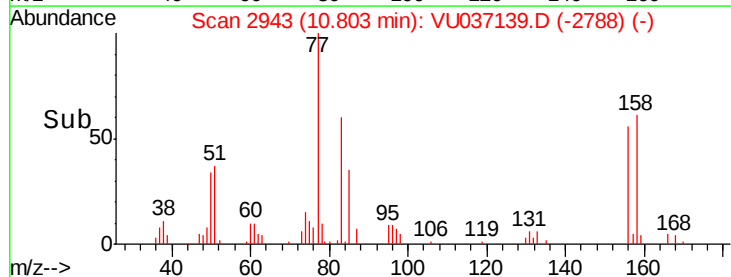
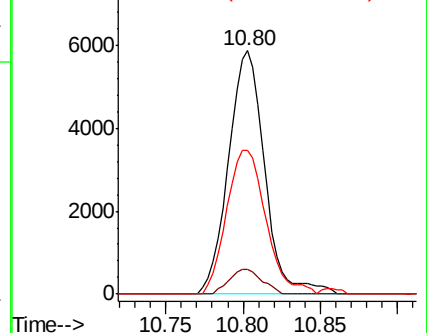
85 63.9 53.2 79.8

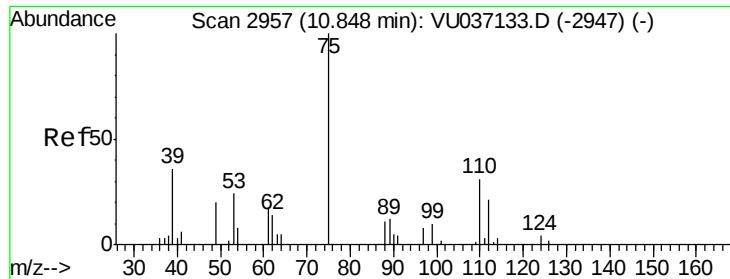


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 3.047 ug/l

RT: 10.84 min Scan# 2956

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

Tot Ion: 75 Resp: 11490

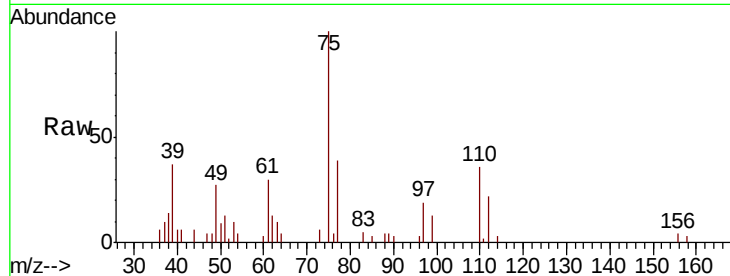
Ion Ratio Lower Upper

75 100

77 34.4 0.0 129.6

110 23.1 0.0 77.4

97 11.3 0.0 42.0

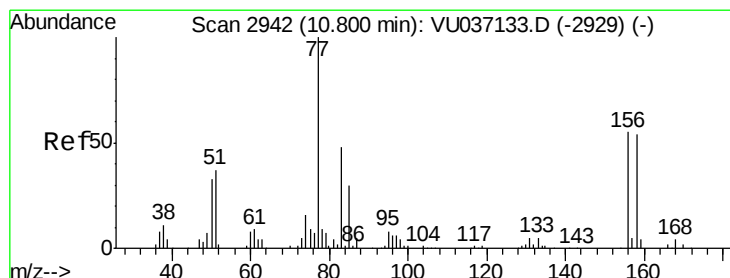
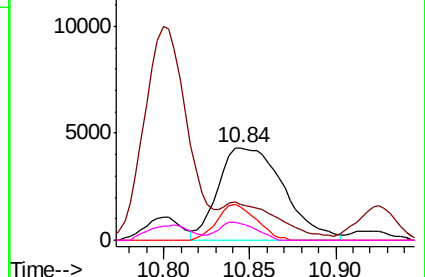
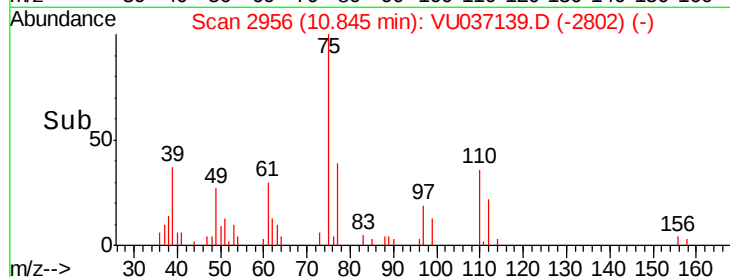


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 1.897 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

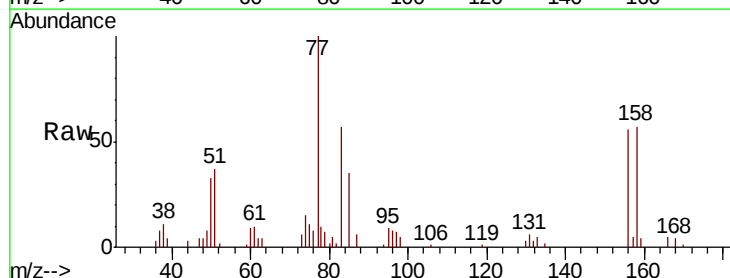
Tgt Ion: 156 Resp: 9824

Ion Ratio Lower Upper

156 100

77 179.5 0.0 306.6

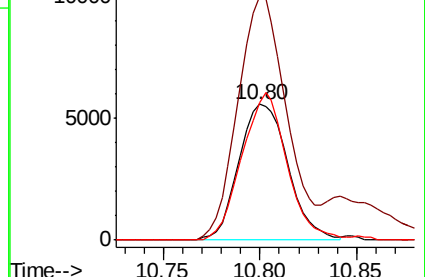
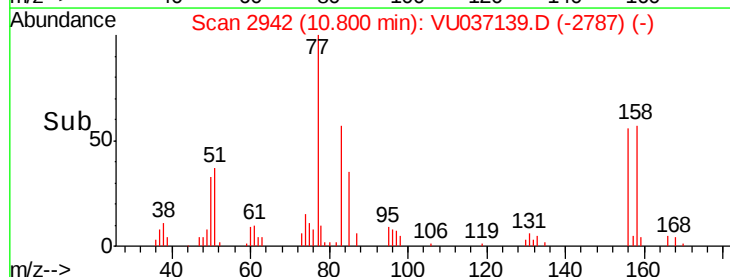
158 99.9 0.0 192.0

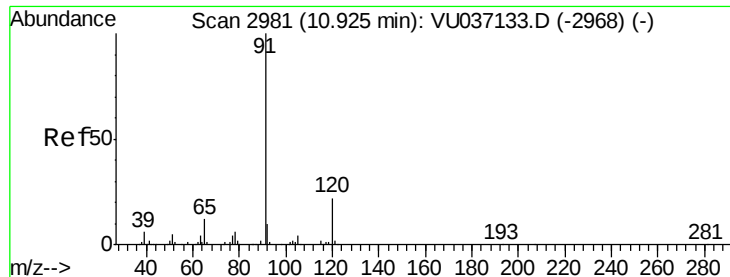


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.865 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

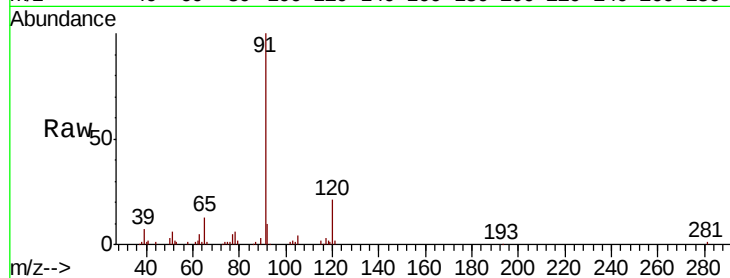
VU0309WBS01

Tot Ion:120 Resp: 10582

Ion Ratio Lower Upper

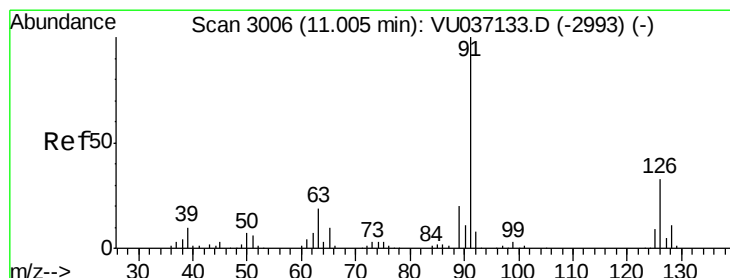
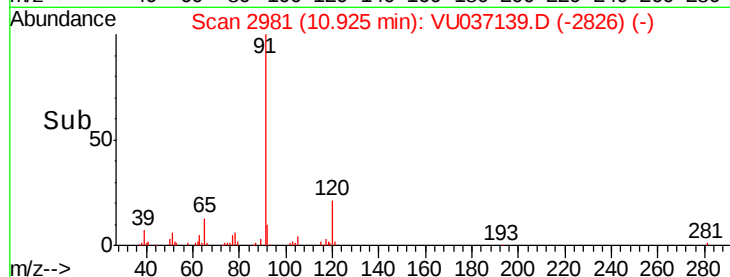
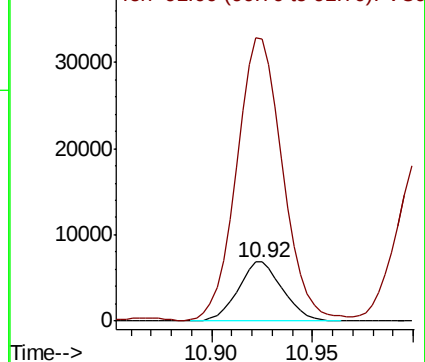
120 100

91 492.0 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.011 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU037139.D

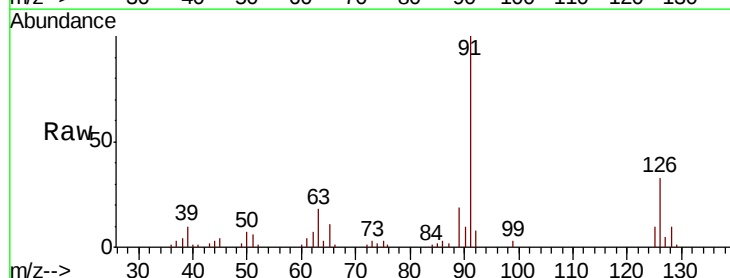
Acq: 09 Mar 2020 18:30

Tgt Ion:126 Resp: 10325

Ion Ratio Lower Upper

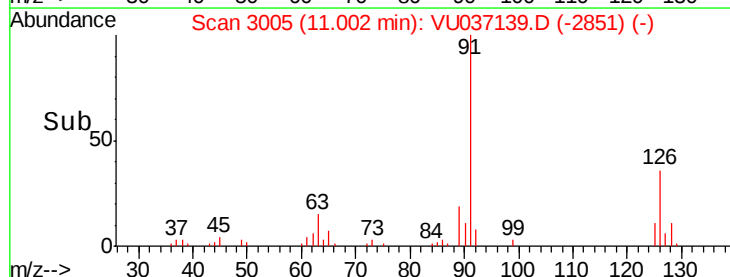
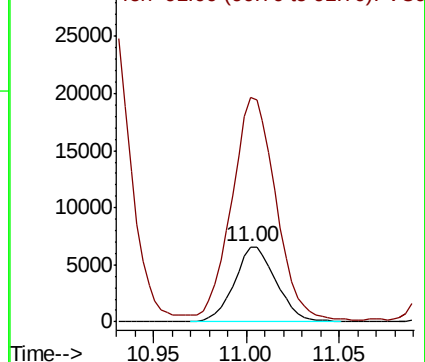
126 100

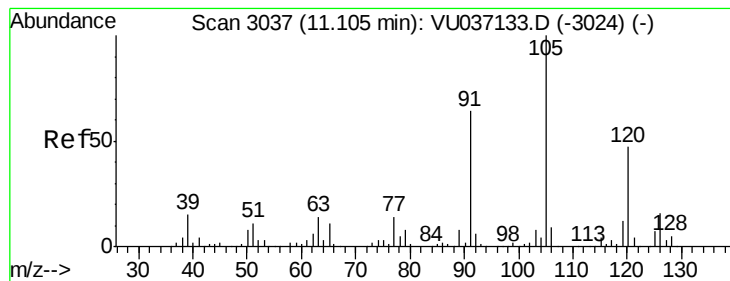
91 311.7 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 2.002 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

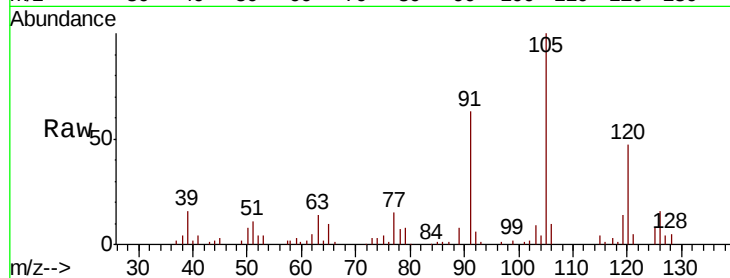
VU0309WBS01

Tot Ion:105 Resp: 37093

Ion Ratio Lower Upper

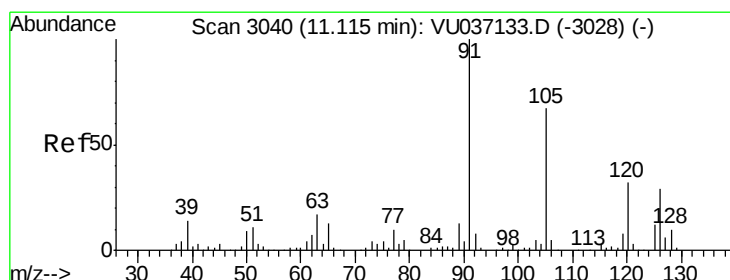
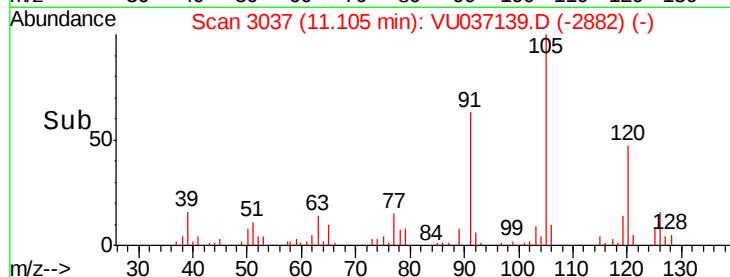
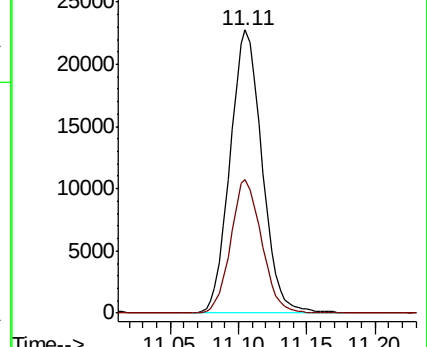
105 100

120 45.3 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 2.046 ug/l

RT: 11.12 min Scan# 3041

Delta R.T. 0.00 min

Lab File: VU037139.D

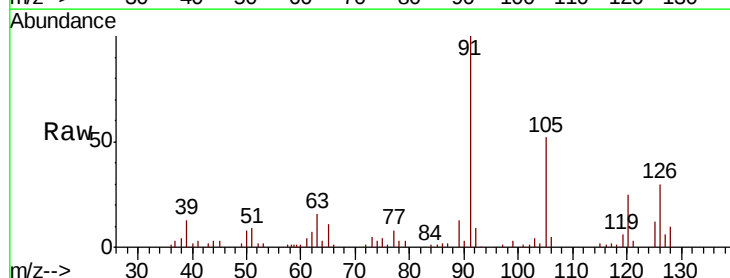
Acq: 09 Mar 2020 18:30

Tgt Ion:126 Resp: 10574

Ion Ratio Lower Upper

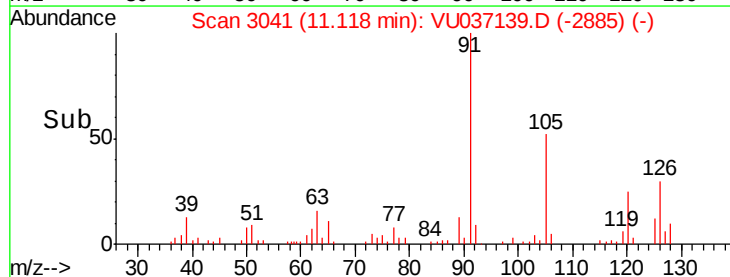
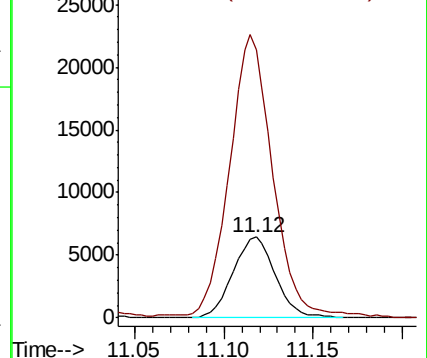
126 100

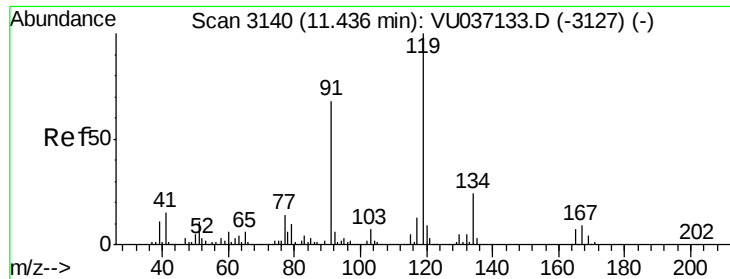
91 361.3 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.972 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampled :

VU0309WBS01

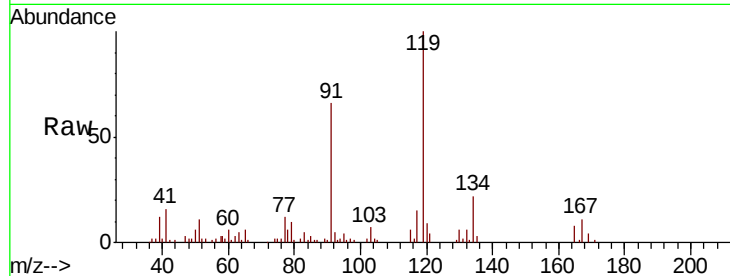
Tot Ion:119 Resp: 35611

Ion Ratio Lower Upper

119 100

91 63.9 29.3 87.8

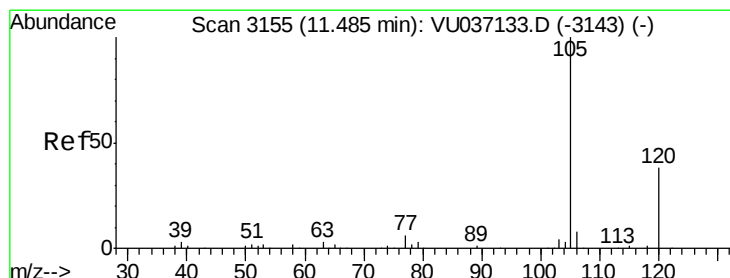
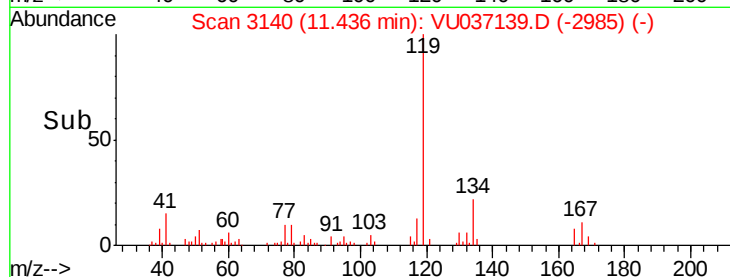
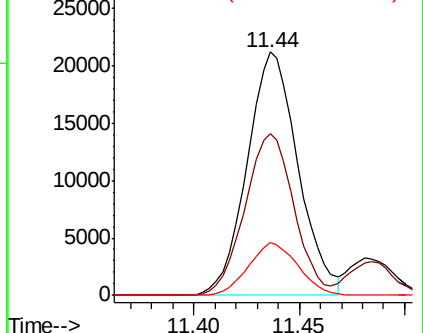
134 20.9 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.952 ug/l

RT: 11.48 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VU037139.D

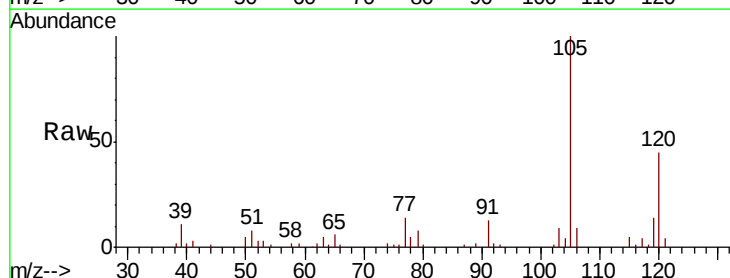
Acq: 09 Mar 2020 18:30

Tgt Ion:105 Resp: 36514

Ion Ratio Lower Upper

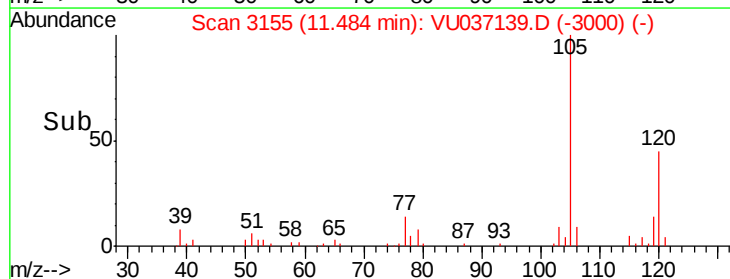
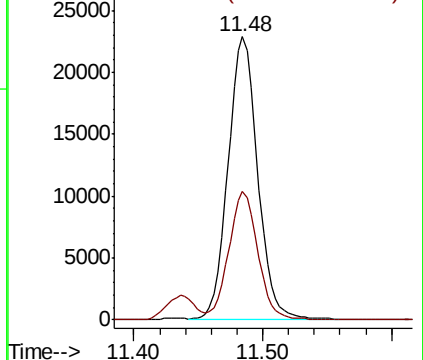
105 100

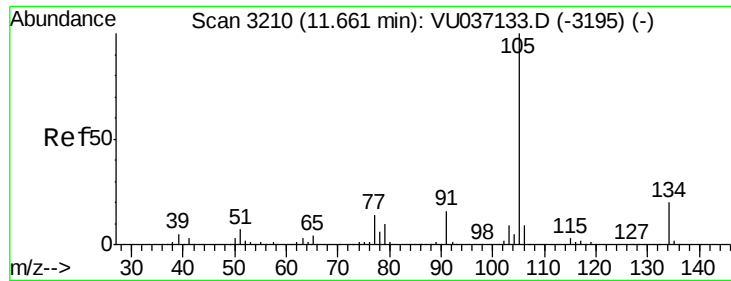
120 44.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

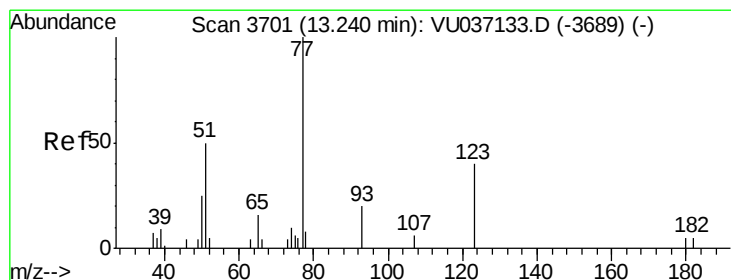
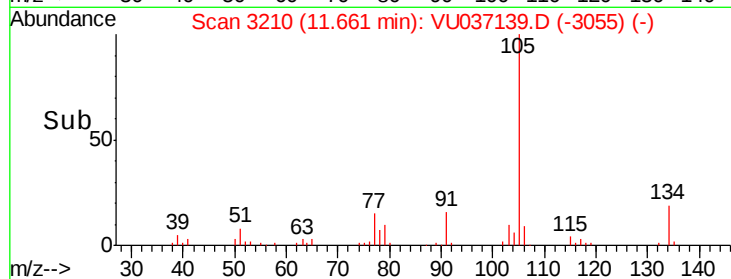
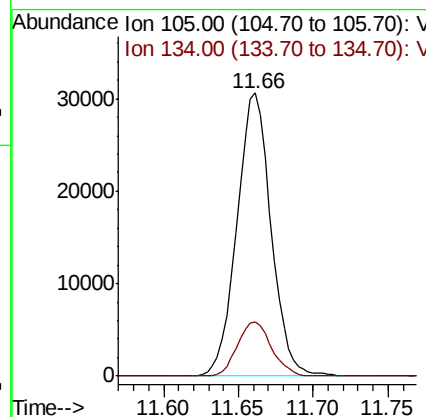
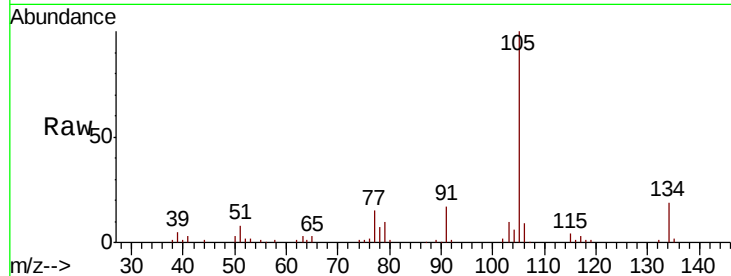




#79
 sec-Butylbenzene
 Concen: 1.980 ug/l
 RT: 11.66 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

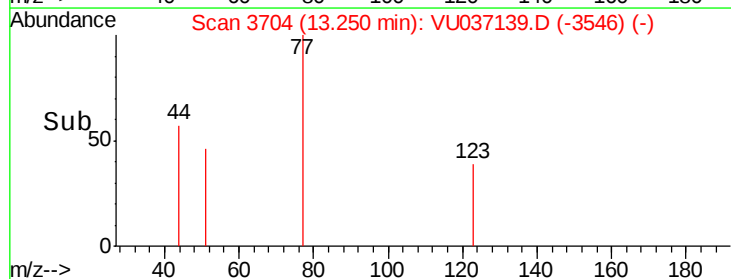
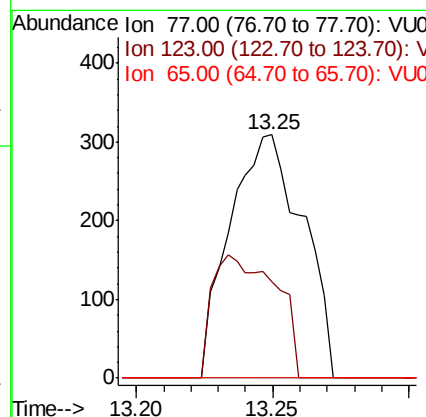
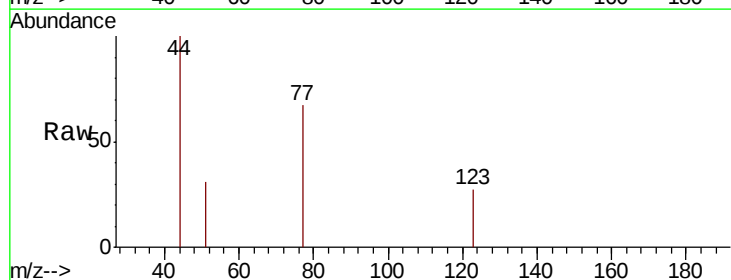
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

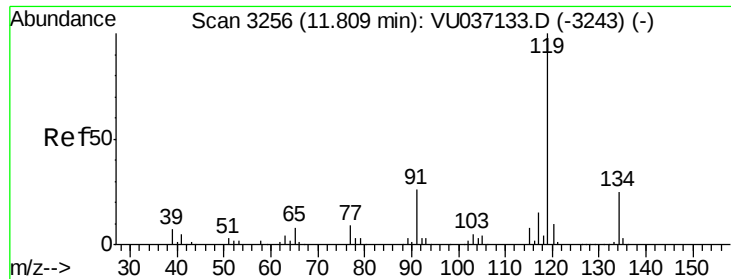
Tot Ion: 105 Resp: 48658
 Ion Ratio Lower Upper
 105 100
 134 19.2 16.0 24.0



#80
 Nitrobenzene
 Concen: 5.676 ug/l
 RT: 13.25 min Scan# 3704
 Delta R.T. 0.01 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 77 Resp: 573
 Ion Ratio Lower Upper
 77 100
 123 44.0 19.6 69.6
 65 0.0 12.7 16.1#

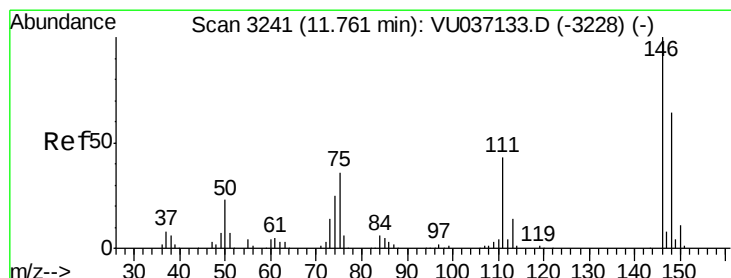
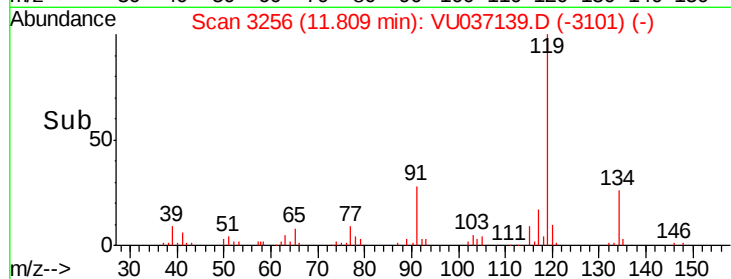
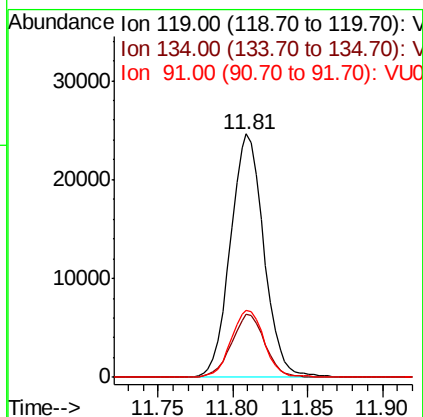
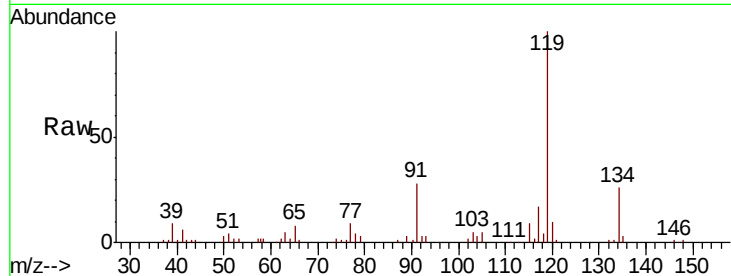




#81
 p-Isopropyltoluene
 Concen: 1.980 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

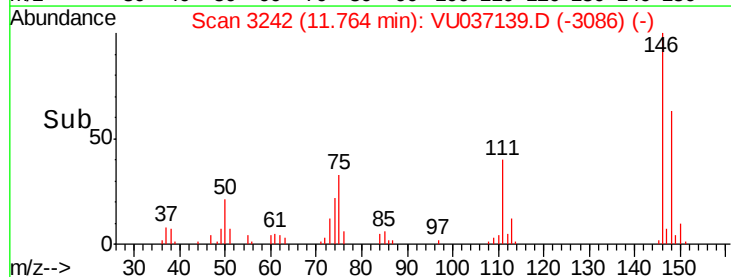
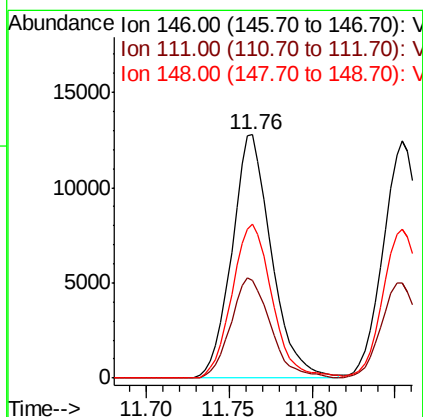
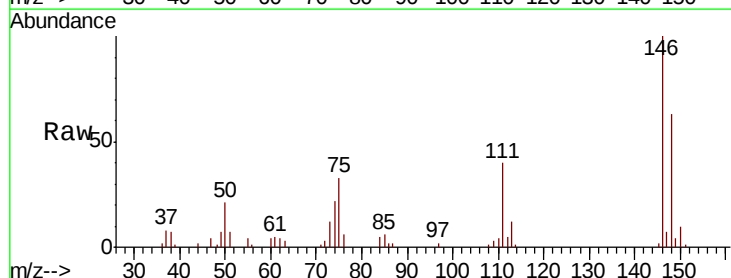
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

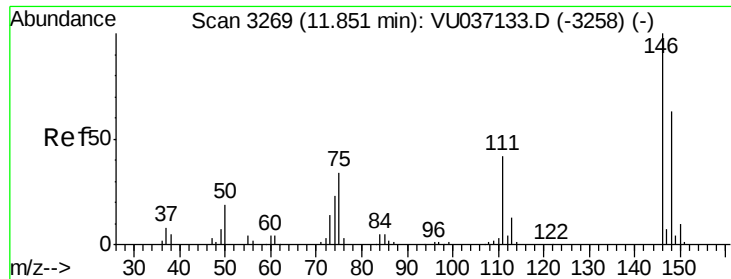
Tot Ion:119 Resp: 38346
 Ion Ratio Lower Upper
 119 100
 134 25.8 21.4 32.0
 91 27.2 18.3 27.5



#82
 1,3-Dichlorobenzene
 Concen: 2.070 ug/l
 RT: 11.76 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion:146 Resp: 21242
 Ion Ratio Lower Upper
 146 100
 111 41.2 32.2 48.2
 148 64.1 51.4 77.2

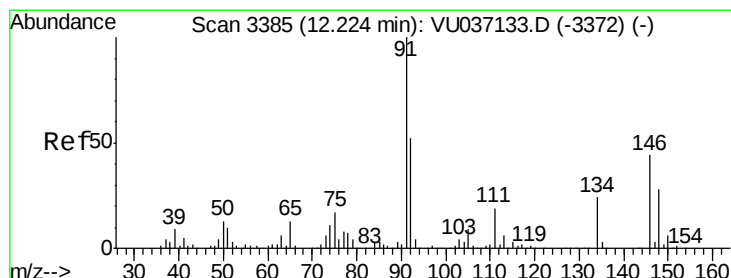
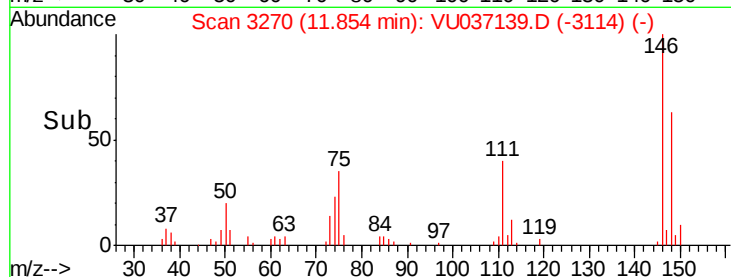
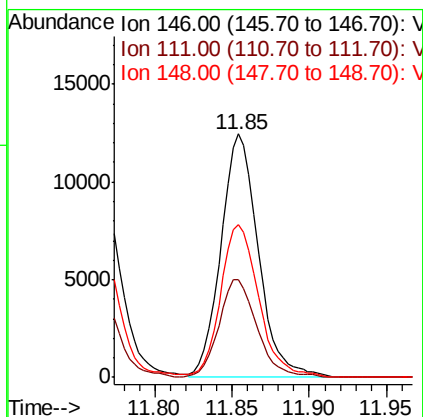
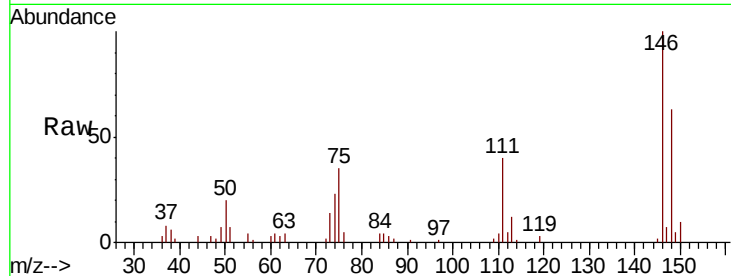




#83
 1,4-Dichlorobenzene
 Concen: 2.013 ug/l
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

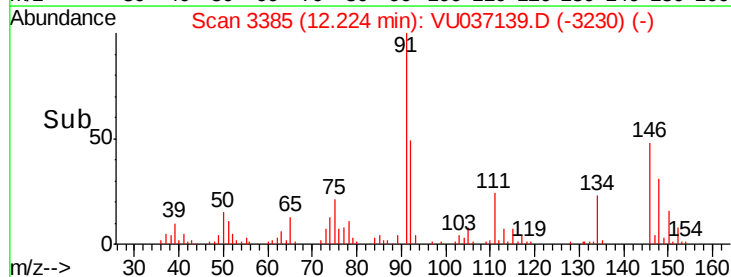
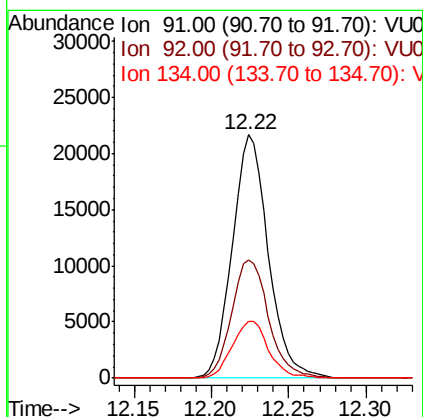
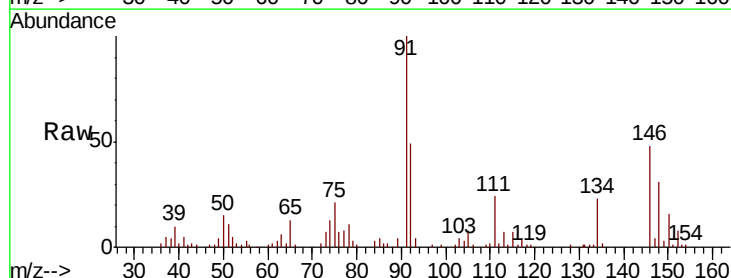
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

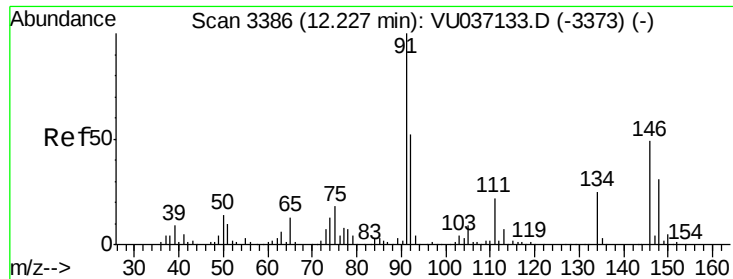
Tot Ion:146 Resp: 20922
 Ion Ratio Lower Upper
 146 100
 111 40.8 30.5 45.7
 148 64.0 51.0 76.4



#84
 n-Butylbenzene
 Concen: 1.901 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 91 Resp: 34875
 Ion Ratio Lower Upper
 91 100
 92 50.0 42.9 64.3
 134 23.5 21.4 32.0

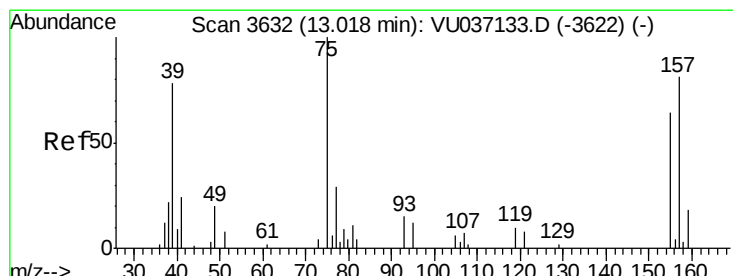
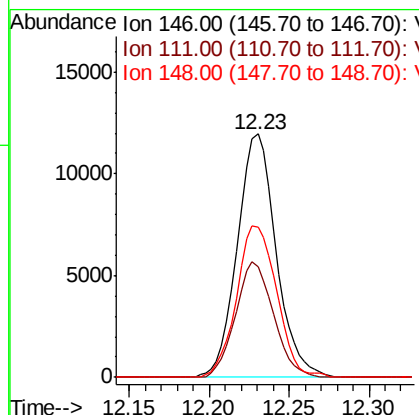
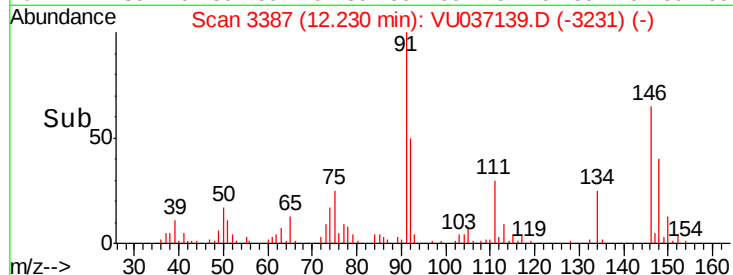
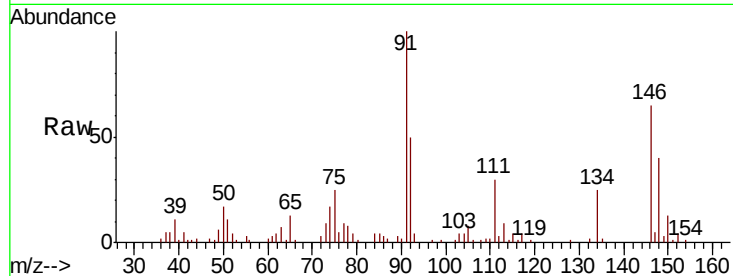




#85
 1,2-Dichlorobenzene
 Concen: 1.990 ug/l
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

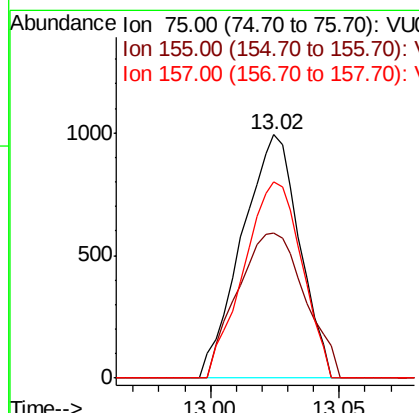
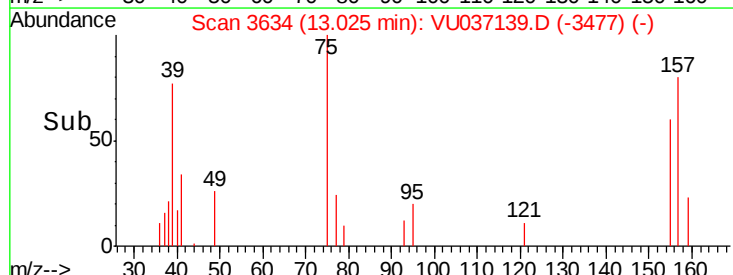
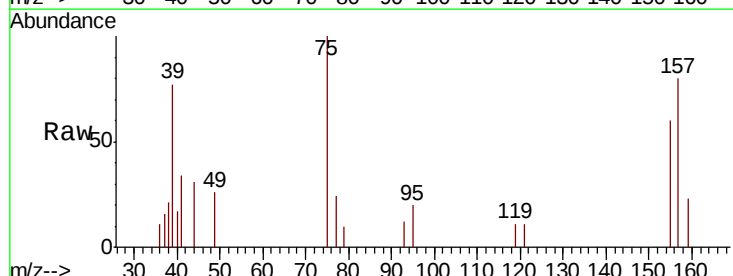
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

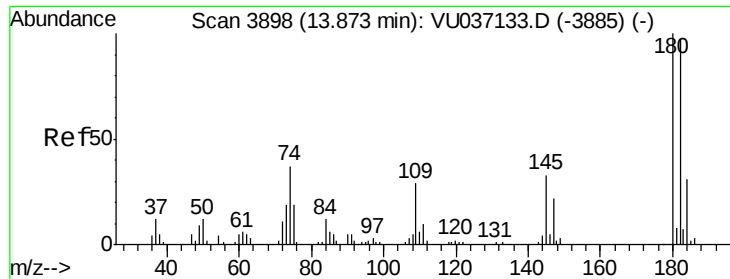
Tot Ion:146 Resp: 19755
 Ion Ratio Lower Upper
 146 100
 111 46.3 20.8 62.4
 148 64.3 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.893 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. 0.01 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion: 75 Resp: 1541
 Ion Ratio Lower Upper
 75 100
 155 70.0 71.8 107.8#
 157 81.2 92.4 138.6#

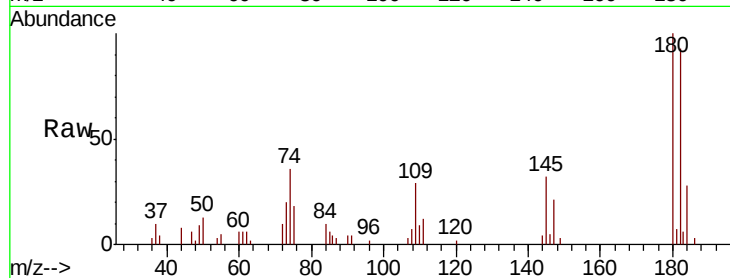




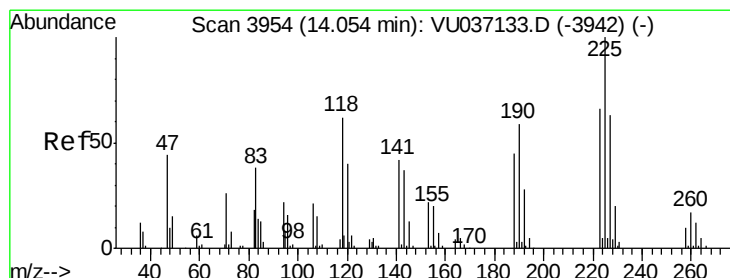
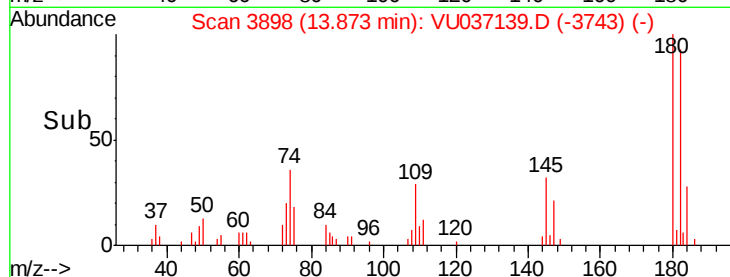
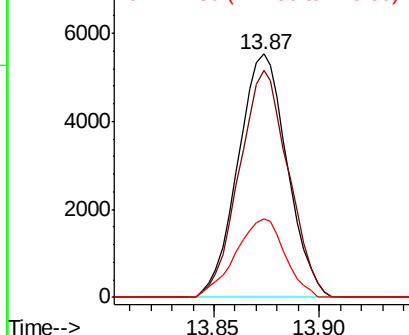
#87
 1,2,4-Trichlorobenzene
 Concen: 1.788 ug/l
 RT: 13.87 min Scan# 3898
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0309WBS01

Tot Ion:180 Resp: 8923
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.9 113.9
 145 32.4 23.4 35.2

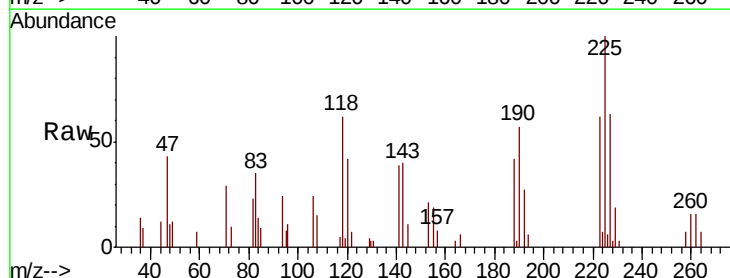


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

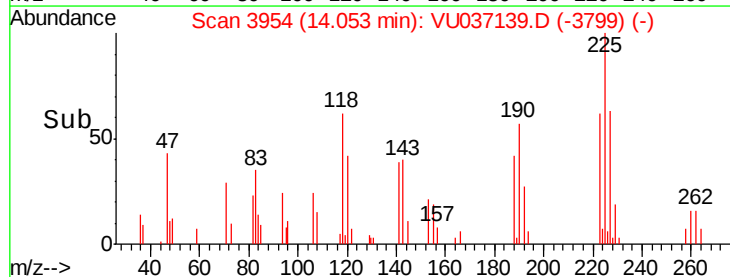
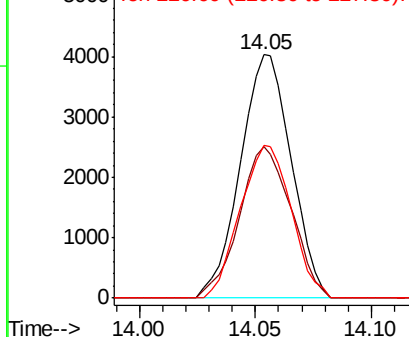


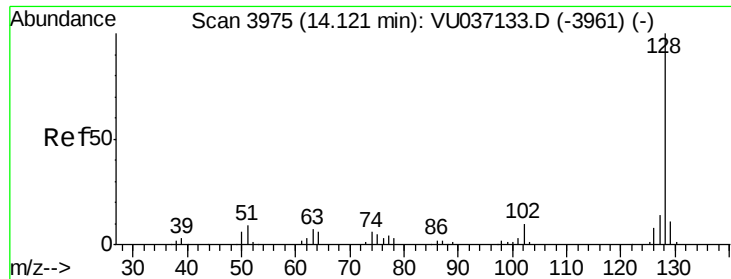
#88
 Hexachlorobutadiene
 Concen: 1.991 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. -0.00 min
 Lab File: VU037139.D
 Acq: 09 Mar 2020 18:30

Tgt Ion:225 Resp: 6150
 Ion Ratio Lower Upper
 225 100
 223 63.2 51.7 77.5
 227 62.8 50.6 75.8



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.554 ug/l

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

VU0309WBS01

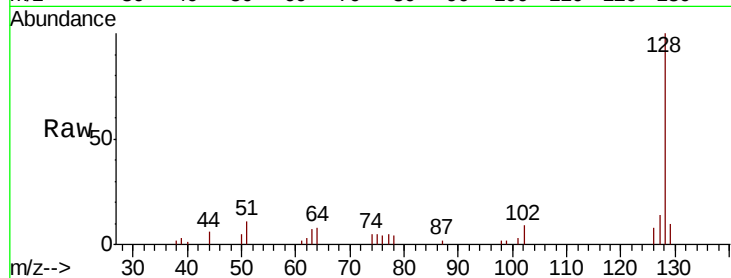
Tot Ion:128 Resp: 13170

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

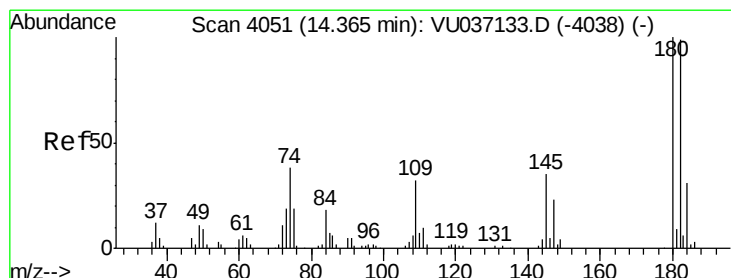
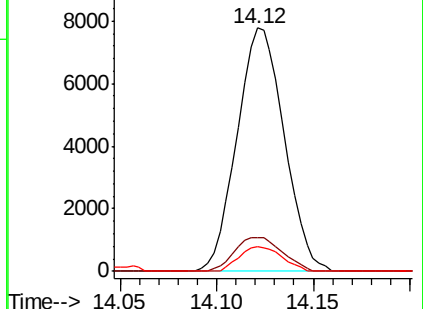
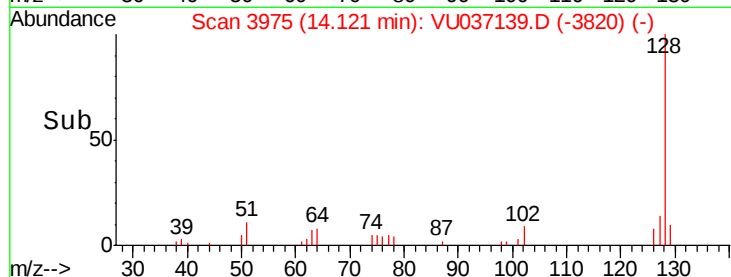
129 9.1 8.7 13.1



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: 1.722 ug/l

RT: 14.37 min Scan# 4051

Delta R.T. -0.00 min

Lab File: VU037139.D

Acq: 09 Mar 2020 18:30

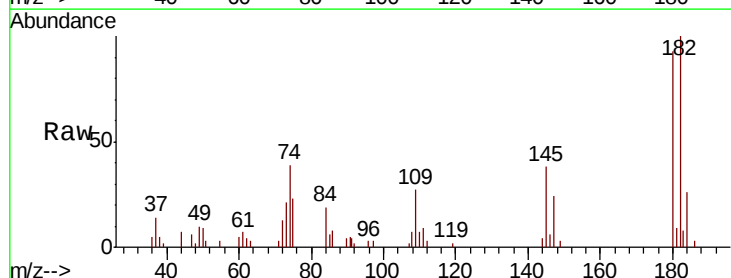
Tgt Ion:180 Resp: 8364

Ion Ratio Lower Upper

180 100

182 104.2 76.2 114.4

145 38.8 25.2 37.8#



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

