

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031020\
 Data File : VU037150.D
 Acq On : 10 Mar 2020 13:41
 Operator : JC/MD
 Sample : VU0310WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Quant Time: Mar 10 13:58:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	15045	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	5675	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	5752	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	14558	1.982	ug/l 97
3) Chloromethane	1.54	50	15354	2.103	ug/l 93
4) Vinyl Chloride	1.62	62	12666	1.973	ug/l 94
5) Bromomethane	1.87	94	4720	2.109	ug/l 93
6) Chloroethane	1.95	64	6171	2.007	ug/l 94
7) Trichlorofluoromethane	2.16	101	15609	2.001	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	7640	2.088	ug/l 94
9) 1,1-Dichloroethene	2.61	96	6895	1.982	ug/l 82
10) Iodomethane	2.75	142	2129	1.716	ug/l # 62
11) Allyl Chloride	2.95	41	13340	1.978	ug/l # 62
12) Acrylonitrile	3.36	53	3606	4.382	ug/l 92
13) Acetone	2.66	43	9896	10.819	ug/l # 75
14) Carbon Disulfide	2.82	76	22912	1.977	ug/l 98
15) Methylene Chloride	3.08	84	8746	2.002	ug/l # 76
16) trans-1,2-Dichloroethene	3.39	96	7561	2.046	ug/l 95
17) 1,1-Dichloroethane	3.91	63	17074	1.993	ug/l 98
18) 2-Butanone	4.77	43	12514	8.951	ug/l 95
19) Cyclohexane	5.42	56	11544	1.582	ug/l 99
20) Methylcyclohexane	6.79	83	12544	1.741	ug/l # 85
21) 2,2-Dichloropropane	4.70	77	15744	2.014	ug/l 92
22) cis-1,2-Dichloroethene	4.71	96	8998	1.966	ug/l 80
23) Diethyl Ether	2.40	59	5834	1.980	ug/l 88
24) tert-Butyl Alcohol	3.26	59	6543	20.305	ug/l # 85
25) Methyl tert-Butyl Ether	3.41	73	20495	2.010	ug/l # 69
26) Bromochloromethane	5.01	128	4127	2.049	ug/l 80
27) Chloroform	5.13	83	17835	1.933	ug/l 94
28) 1,1,1-Trichloroethane	5.35	97	15660	1.992	ug/l 97
29) 1,1-Dichloropropene	5.56	75	12638	1.978	ug/l 96
30) Carbon Tetrachloride	5.35	117	1910	0.278	ug/l 92
31) Isopropyl Ether	4.05	45	25052	1.832	ug/l 82
32) Ethyl-t-butyl ether	4.56	59	23671	1.834	ug/l 92
33) Tert-Amyl methyl ether	5.99	73	20594	1.859	ug/l 98
34) Propionitrile	4.84	54	3342	9.088	ug/l # 92
35) Benzene	5.81	78	35015	1.929	ug/l 99
36) 1,2-Dichloroethane	5.83	62	12375	1.881	ug/l 95
37) Trichloroethene	6.57	130	9350	1.963	ug/l 93
38) 1,2-Dichloropropane	6.83	63	9400	1.887	ug/l 100
39) Methacrylonitrile	5.02	41	3404	1.919	ug/l # 78
40) Methyl acrylate	4.90	55	4710	1.920	ug/l # 93
41) Tetrahydrofuran	5.11	42	3422	3.866	ug/l # 76
42) 1-Chlorobutane	5.49	56	18131	1.970	ug/l 85

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 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

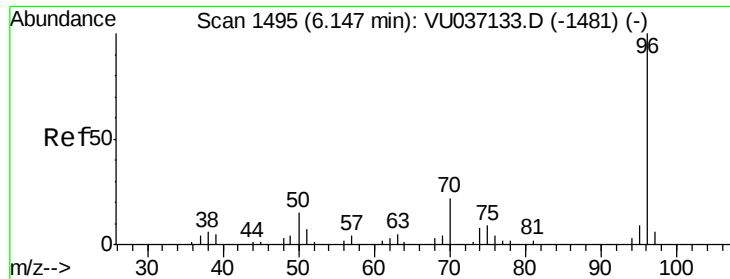
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Quant Time: Mar 10 13:58:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.95	93	5070	1.985	ug/l	91
44) Bromodichloromethane	7.14	83	12571	1.891	ug/l	98
45) 4-Methyl-2-Pentanone	7.83	43	31413	9.172	ug/l #	85
46) t-1,4-Dichloro-2-butene	10.84	75	10723	11.439	ug/l #	63
47) Methyl methacrylate	7.00	69	8138	3.855	ug/l #	64
48) Ethyl methacrylate	8.36	69	7251	1.739	ug/l	68
49) Toluene	8.00	92	20906	1.907	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	11111	1.855	ug/l	96
51) cis-1,3-Dichloropropene	7.64	75	12821	1.874	ug/l #	80
52) 1,1,2-Trichloroethane	8.43	97	7003	2.055	ug/l	96
53) 1,3-Dichloropropane	8.60	76	11595	1.919	ug/l	97
54) 2-Hexanone	8.72	43	21912	9.287	ug/l	84
55) Dibromochloromethane	8.83	129	8493	2.014	ug/l	96
56) 1,2-Dibromoethane	8.95	107	6502	2.015	ug/l	95
58) Tetrachloroethene	8.58	164	8522	1.906	ug/l #	86
59) Chlorobenzene	9.47	112	22966	1.877	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.56	131	8978	2.005	ug/l	93
61) Pentachloroethane	11.45	117	7203	2.108	ug/l	83
62) Hexachloroethane	12.49	117	7058	1.930	ug/l	85
63) Ethyl Benzene	9.59	91	38001	1.820	ug/l	95
64) m/p-Xylenes	9.72	106	29294	3.705	ug/l	92
65) o-Xylene	10.12	106	14353	1.882	ug/l	91
66) Styrene	10.13	104	23174	1.856	ug/l	95
67) Bromoform	10.31	173	4406	1.979	ug/l #	96
69) Isopropylbenzene	10.50	105	37579	1.807	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	9443	2.107	ug/l	93
71) 1,2,3-Trichloropropane	10.84	75	10723	2.927	ug/l #	47
72) Bromobenzene	10.80	156	9636	1.915	ug/l	90
73) n-propylbenzene	10.92	120	10458	1.897	ug/l	77
74) 2-Chlorotoluene	11.00	126	9522	1.909	ug/l	82
75) 1,3,5-Trimethylbenzene	11.10	105	34550	1.919	ug/l	92
76) 4-Chlorotoluene	11.11	126	10080	2.007	ug/l	81
77) tert-Butylbenzene	11.44	119	32654	1.861	ug/l	94
78) 1,2,4-Trimethylbenzene	11.48	105	33729	1.856	ug/l	97
79) sec-Butylbenzene	11.66	105	44246	1.853	ug/l	100
80) Nitrobenzene	13.25	77	598	6.096	ug/l #	40
81) p-Isopropyltoluene	11.81	119	35478	1.885	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	19666	1.973	ug/l	99
83) 1,4-Dichlorobenzene	11.85	146	19576	1.938	ug/l	98
84) n-Butylbenzene	12.22	91	32207	1.806	ug/l	95
85) 1,2-Dichlorobenzene	12.23	146	18708	1.939	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	1355	1.713	ug/l	92
87) 1,2,4-Trichlorobenzene	13.87	180	8658	1.786	ug/l	98
88) Hexachlorobutadiene	14.06	225	5867	1.955	ug/l	98
89) Naphthalene	14.12	128	12280	1.650	ug/l	97
90) 1,2,3-Trichlorobenzene	14.37	180	8391	1.778	ug/l	95

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

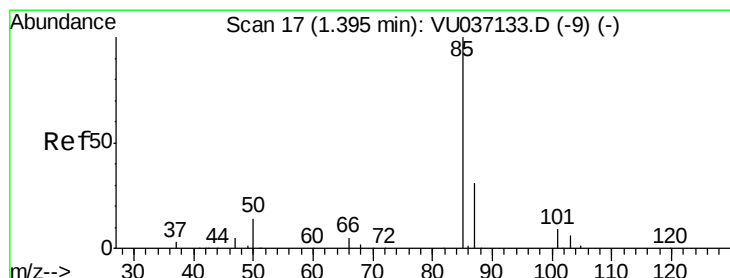
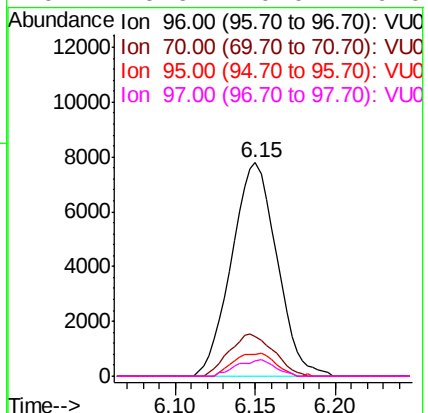
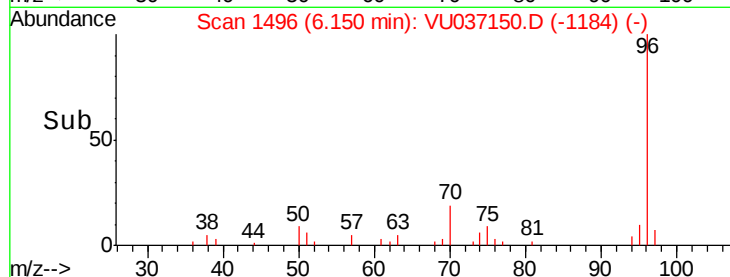
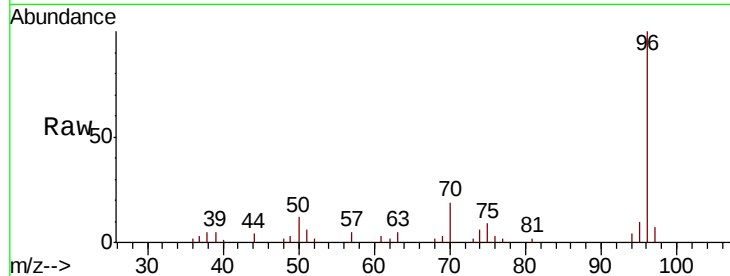
ClientSampleId :

VU0310WBSD01

Tot Ion: 96 Resp: 15045

Ion Ratio Lower Upper

96	100		
70	19.4	15.6	23.4
95	9.7	7.0	10.6
97	6.6	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.982 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

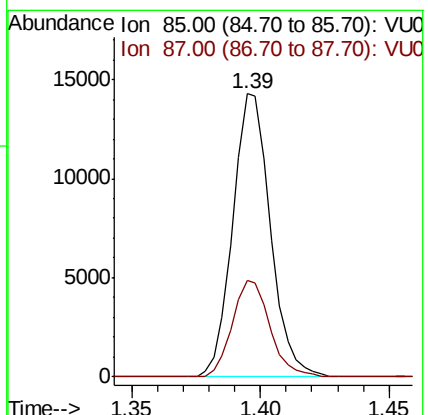
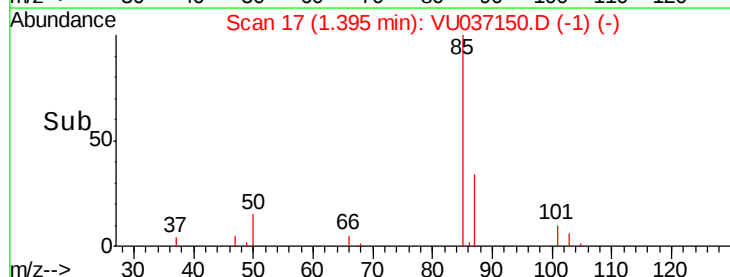
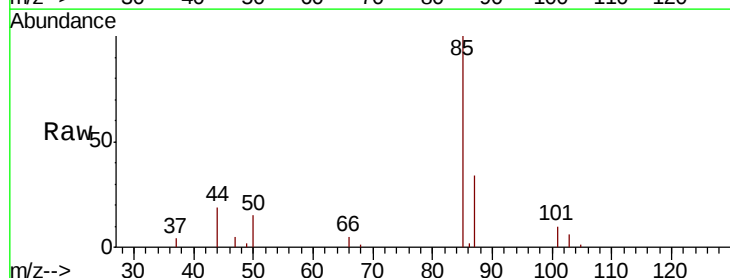
Lab File: VU037150.D

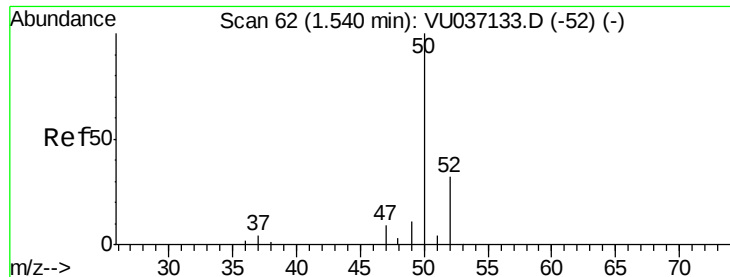
Acq: 10 Mar 2020 13:41

Tgt Ion: 85 Resp: 14558

Ion Ratio Lower Upper

85	100		
87	34.2	16.4	49.2





#3

Chloromethane

Concen: 2.103 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

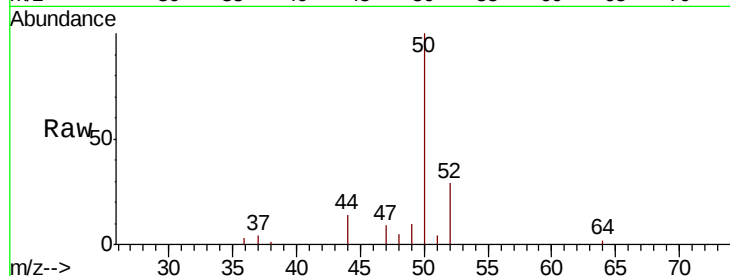
VU0310WBSD01

Tot Ion: 50 Resp: 15354

Ion Ratio Lower Upper

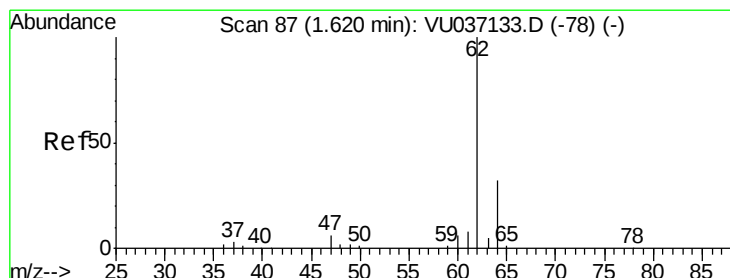
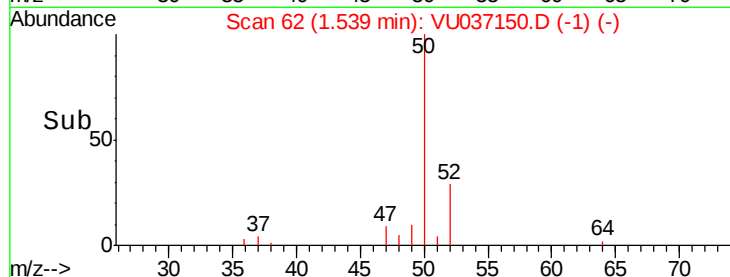
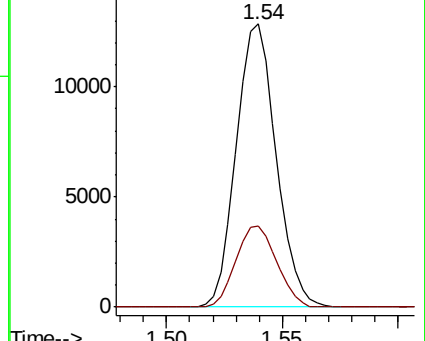
50 100

52 28.8 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU037150.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU037150.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.973 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU037150.D

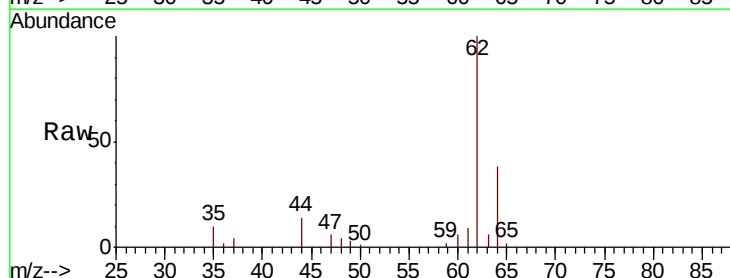
Acq: 10 Mar 2020 13:41

Tgt Ion: 62 Resp: 12666

Ion Ratio Lower Upper

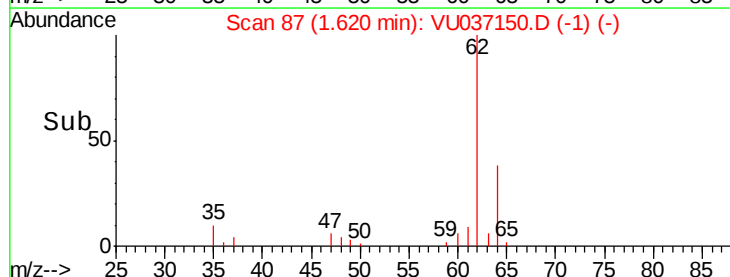
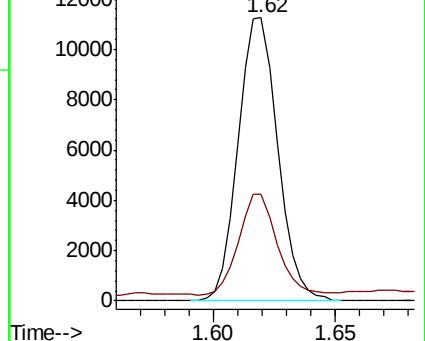
62 100

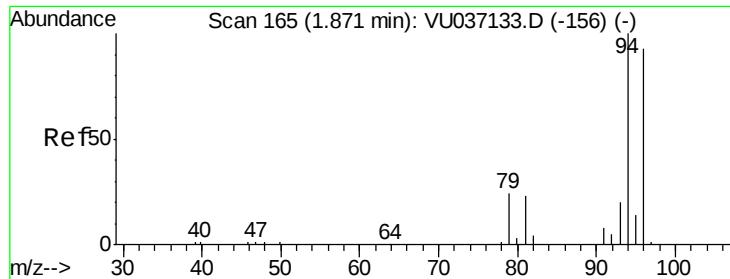
64 35.4 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VU037150.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU037150.D (-1) (-)

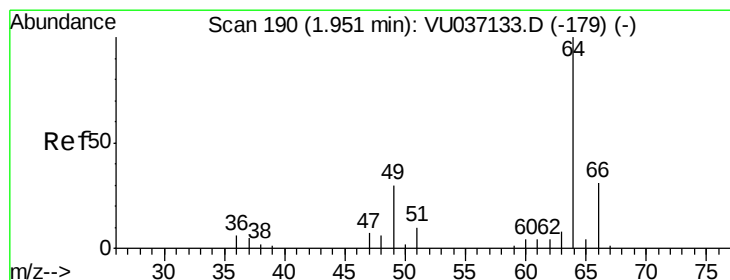
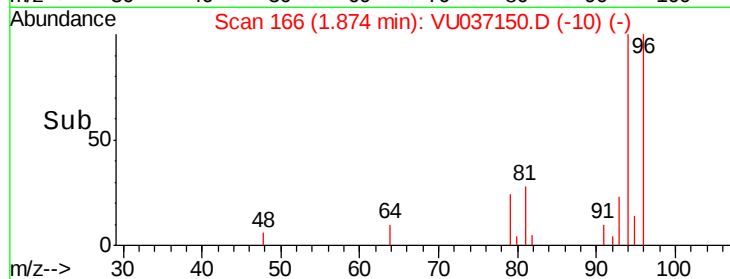
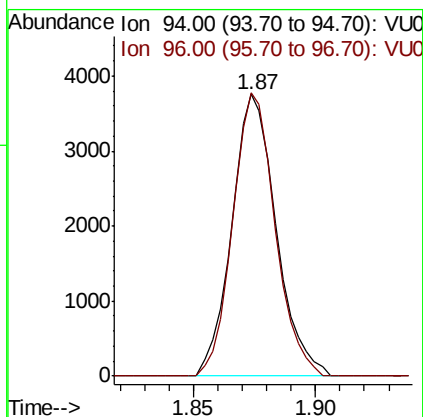
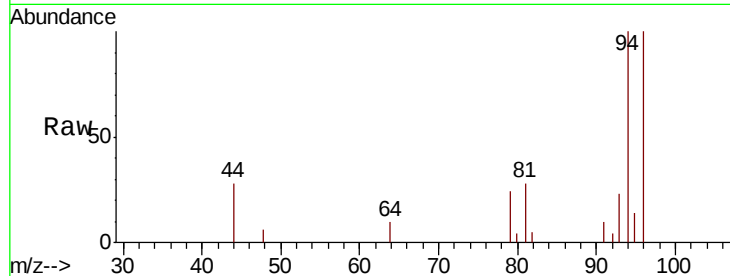




#5
Bromomethane
Concen: 2.109 ug/l
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

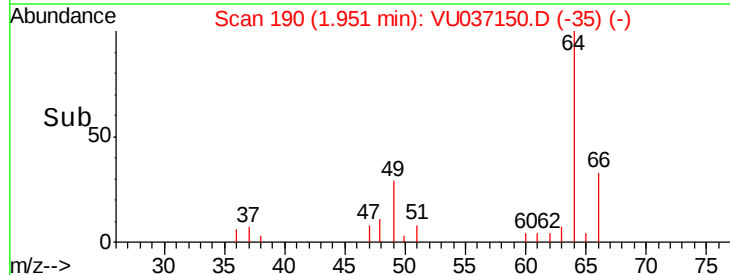
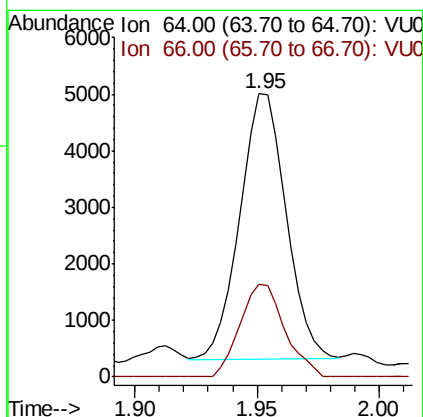
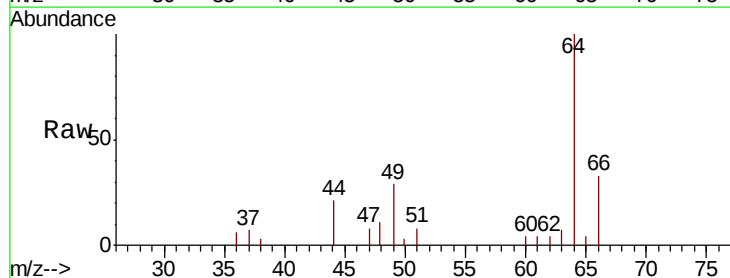
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

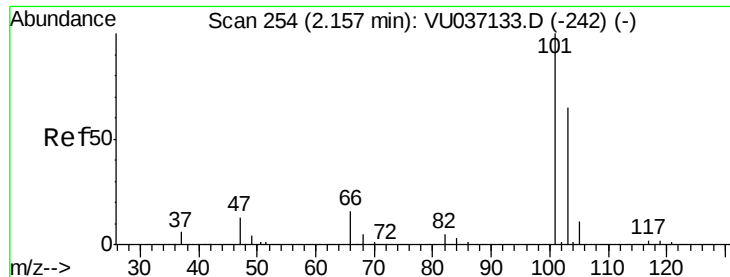
Tot Ion: 94 Resp: 4720
Ion Ratio Lower Upper
94 100
96 100.4 74.6 112.0



#6
Chloroethane
Concen: 2.007 ug/l
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 64 Resp: 6171
Ion Ratio Lower Upper
64 100
66 35.3 25.5 38.3



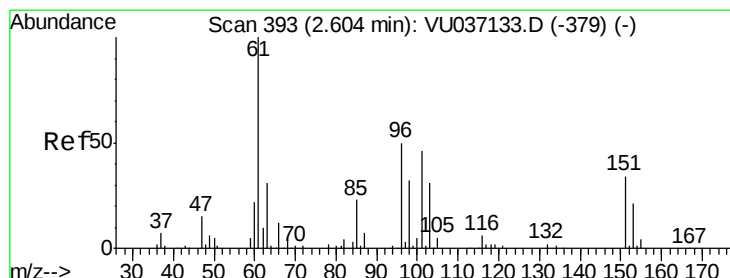
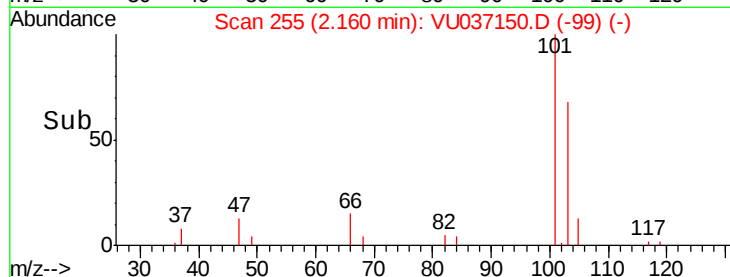
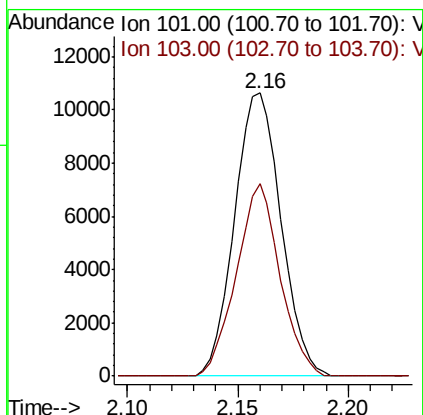
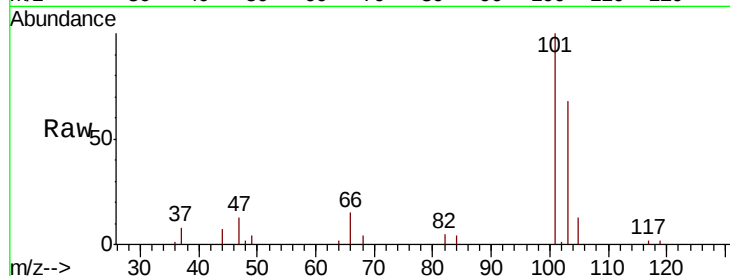


#7

Trichlorofluoromethane
 Concen: 2.001 ug/l
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

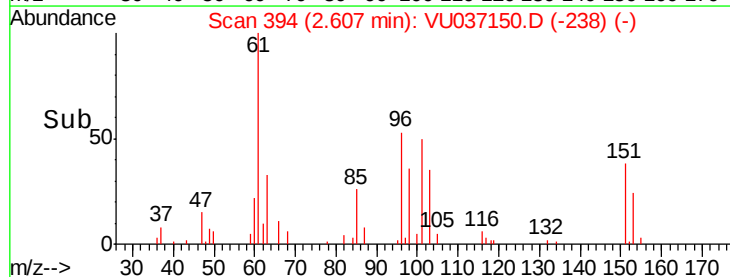
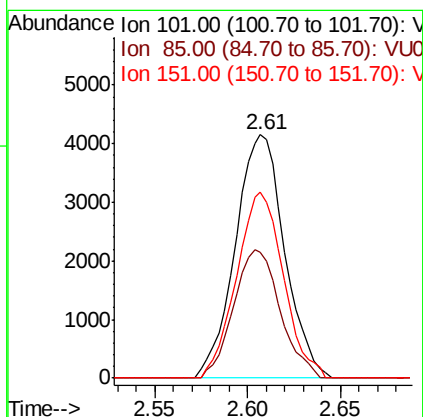
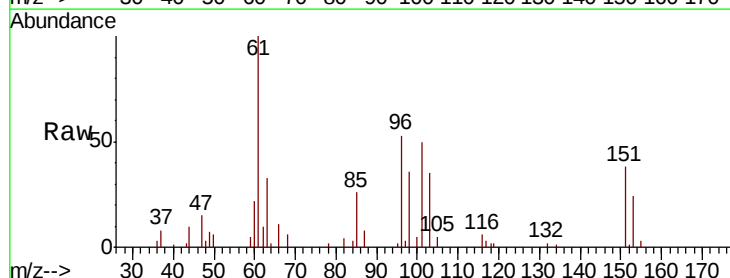
Tot Ion:101 Resp: 15609
 Ion Ratio Lower Upper
 101 100
 103 67.9 53.0 79.6

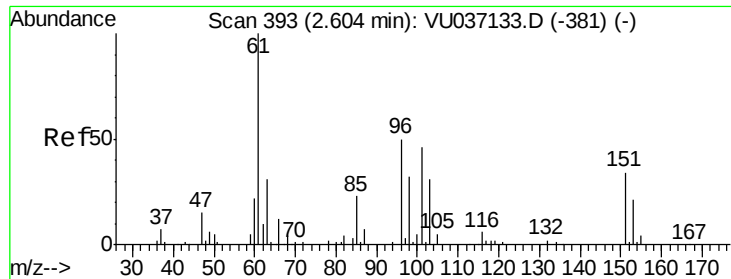


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.088 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion:101 Resp: 7640
 Ion Ratio Lower Upper
 101 100
 85 50.0 33.9 50.9
 151 72.6 59.8 89.8





#9

1,1-Dichloroethene

Concen: 1.982 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

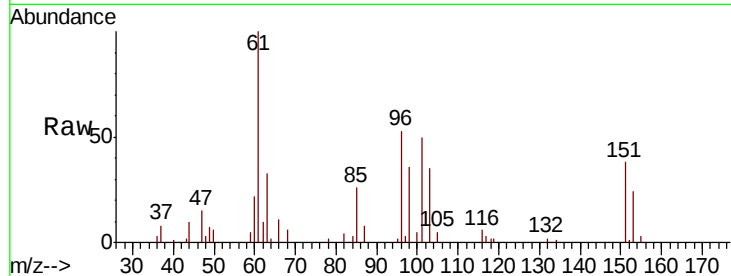
Tot Ion: 96 Resp: 6895

Ion Ratio Lower Upper

96 100

61 187.1 0.0 463.2

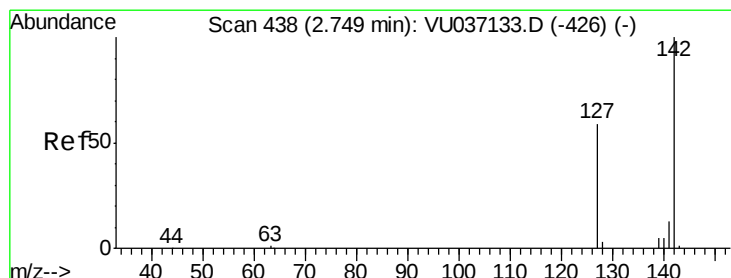
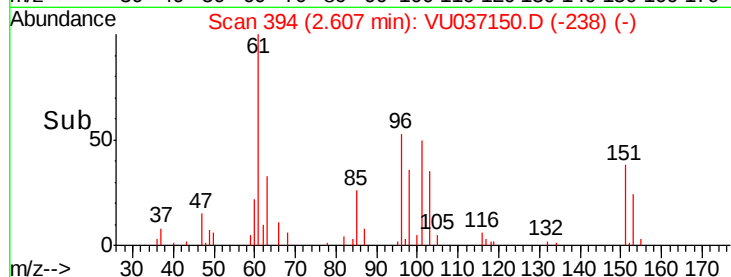
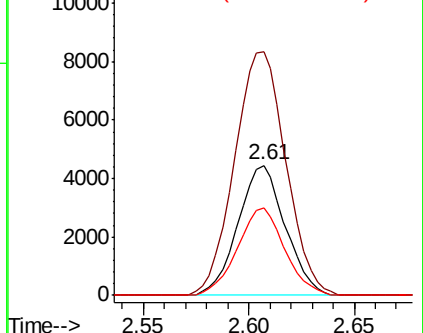
98 66.7 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU037133.D (-381) (-)

Ion 61.00 (60.70 to 61.70): VU037133.D (-381) (-)

Ion 98.00 (97.70 to 98.70): VU037133.D (-381) (-)



#10

Iodomethane

Concen: 1.716 ug/l

RT: 2.75 min Scan# 439

Delta R.T. 0.00 min

Lab File: VU037150.D

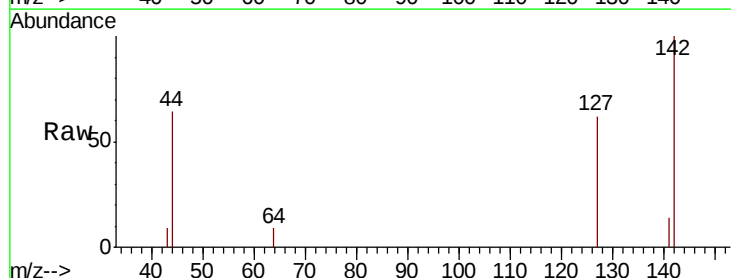
Acq: 10 Mar 2020 13:41

Tgt Ion: 142 Resp: 2129

Ion Ratio Lower Upper

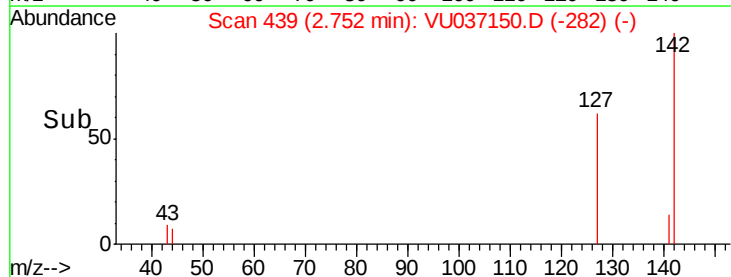
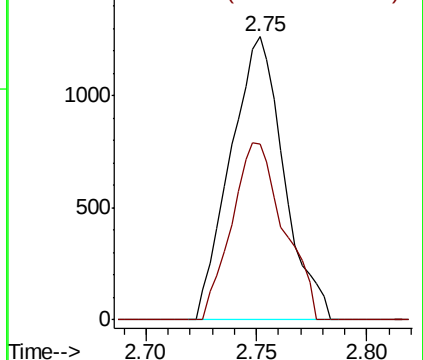
142 100

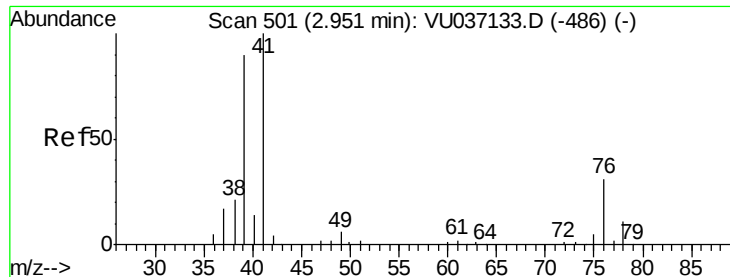
127 60.6 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU037133.D (-426) (-)

Ion 127.00 (126.70 to 127.70): VU037133.D (-426) (-)

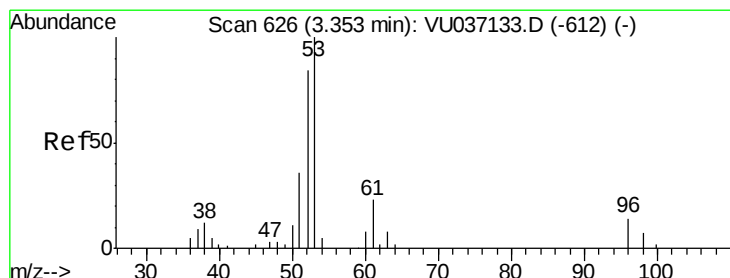
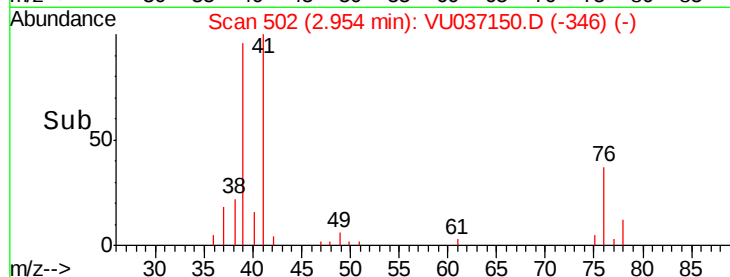
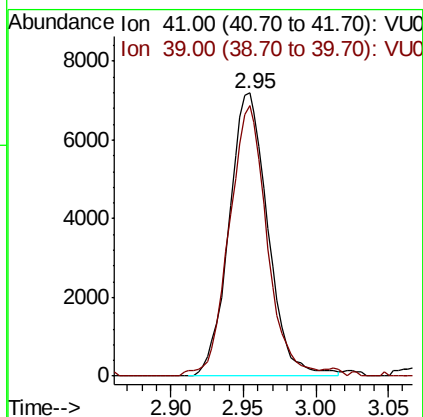
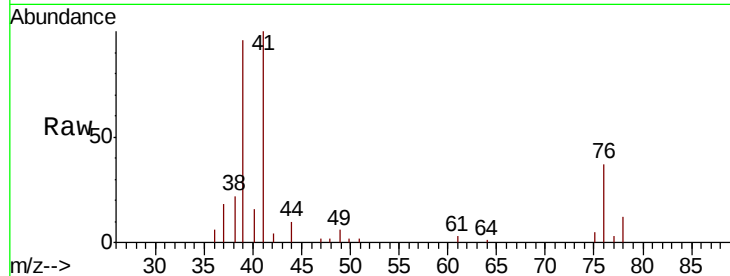




#11
Allvl Chloride
Concen: 1.978 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

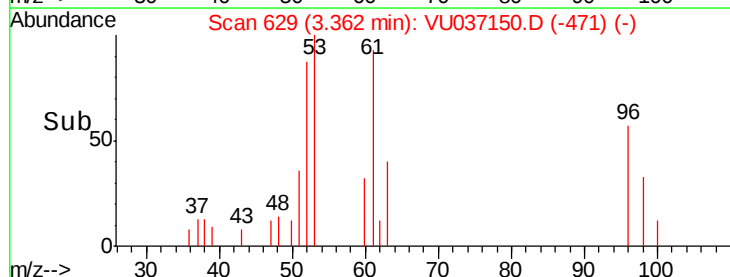
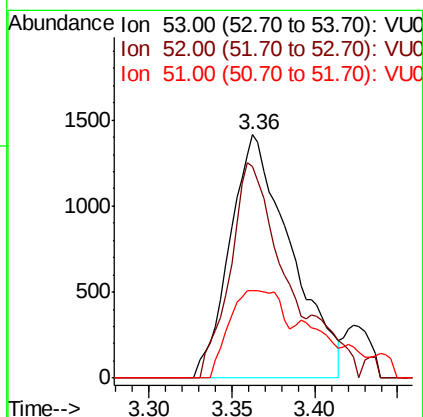
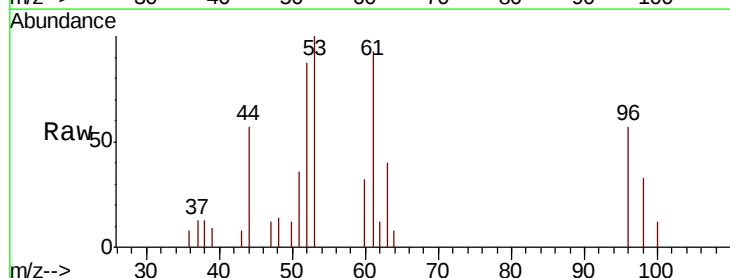
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

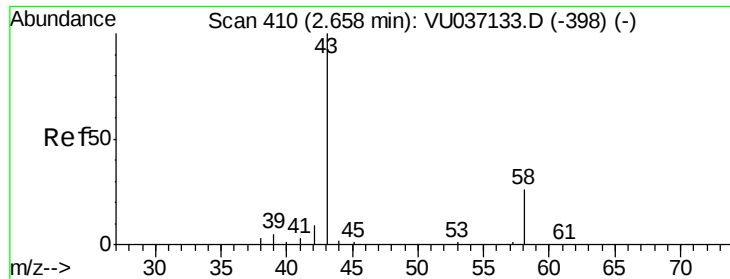
Tot Ion: 41 Resp: 13340
Ion Ratio Lower Upper
41 100
39 93.2 50.7 76.1#



#12
Acrylonitrile
Concen: 4.382 ug/l
RT: 3.36 min Scan# 629
Delta R.T. 0.01 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 53 Resp: 3606
Ion Ratio Lower Upper
53 100
52 72.1 64.6 97.0
51 31.7 27.2 40.8





#13

Acetone

Concen: 10.819 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

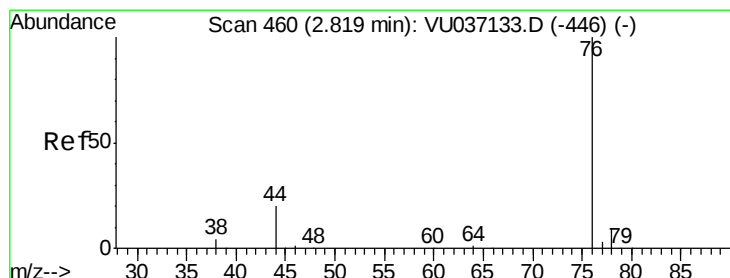
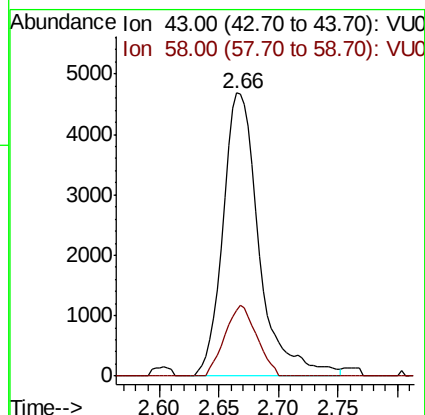
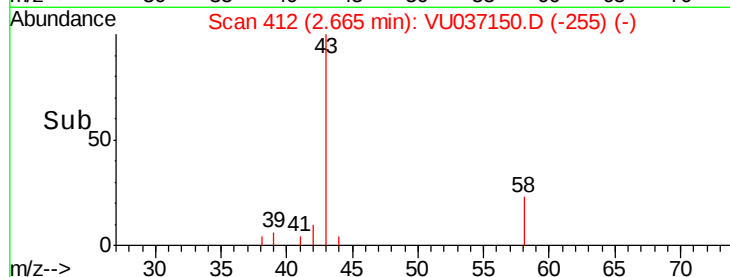
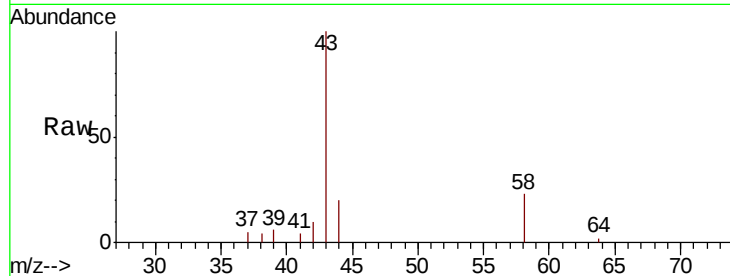
VU0310WBSD01

Tot Ion: 43 Resp: 9896

Ion Ratio Lower Upper

43 100

58 23.3 30.8 46.2#



#14

Carbon Disulfide

Concen: 1.977 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037150.D

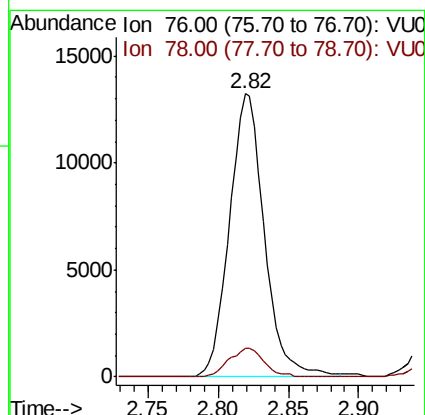
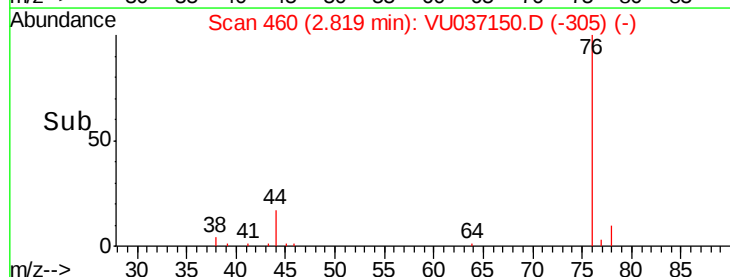
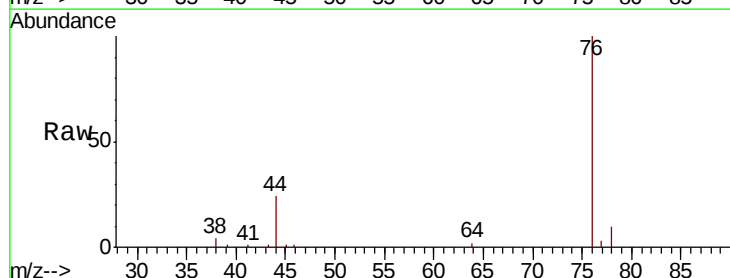
Acq: 10 Mar 2020 13:41

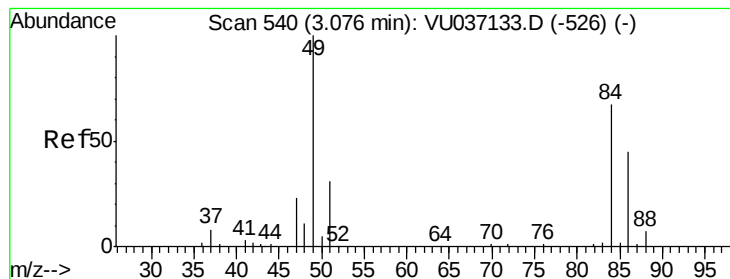
Tgt Ion: 76 Resp: 22912

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0





#15

Methylene Chloride

Concen: 2.002 ug/l

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

Tot Ion: 84 Resp: 8746

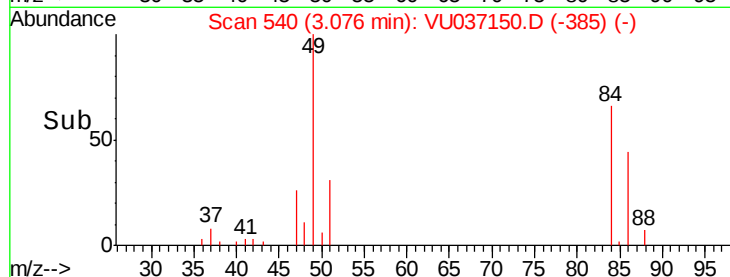
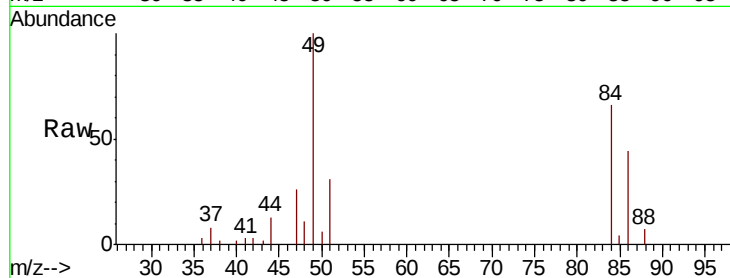
Ion Ratio Lower Upper

84 100

49 151.2 89.7 134.5#

51 47.5 0.0 71.6

86 66.9 51.4 77.2



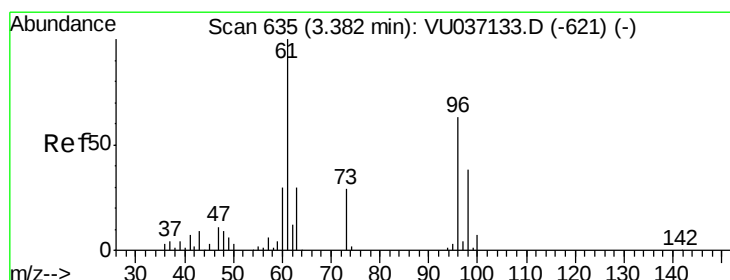
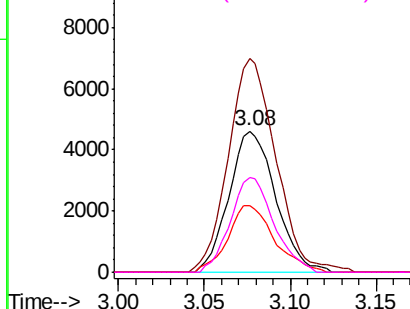
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 2.046 ug/l

RT: 3.39 min Scan# 637

Delta R.T. 0.01 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

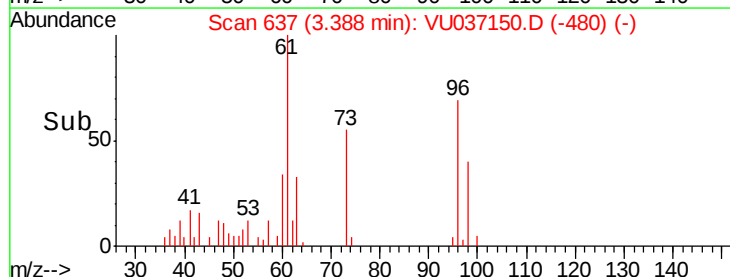
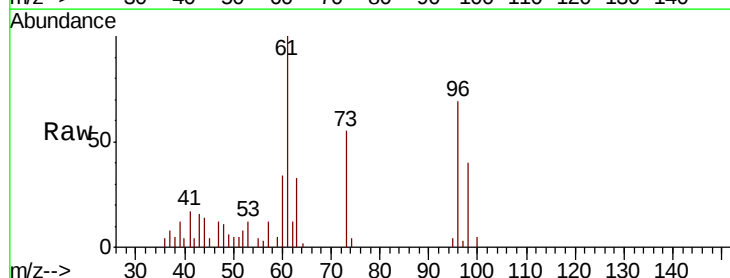
Tgt Ion: 96 Resp: 7561

Ion Ratio Lower Upper

96 100

61 144.3 110.8 166.2

98 58.1 50.3 75.5

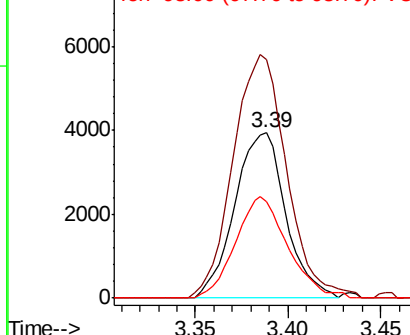


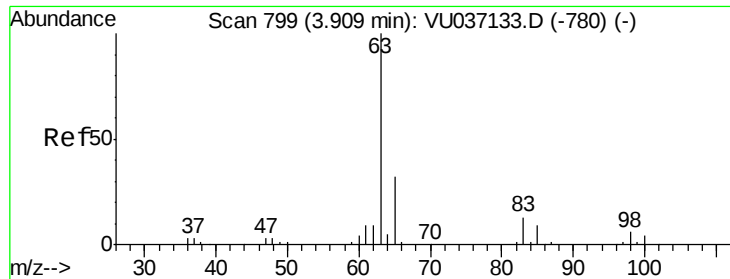
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

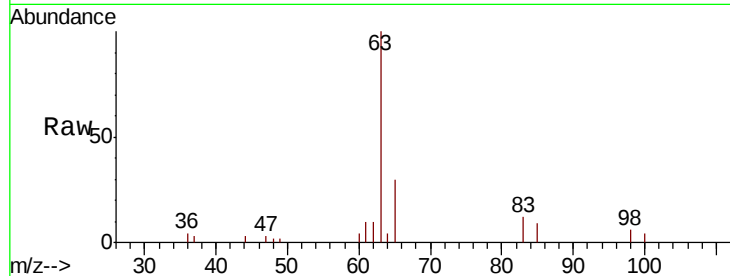




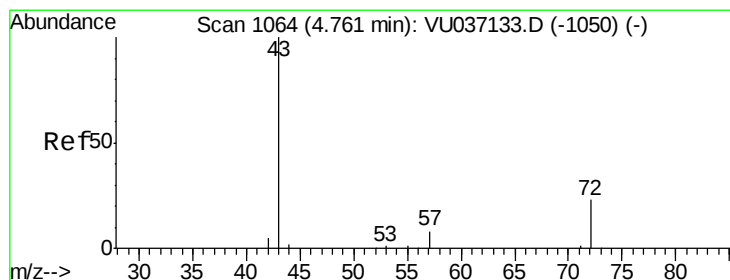
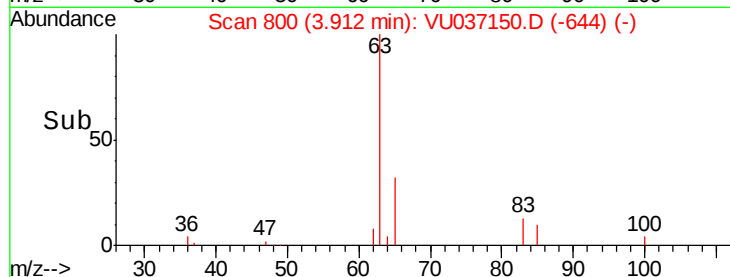
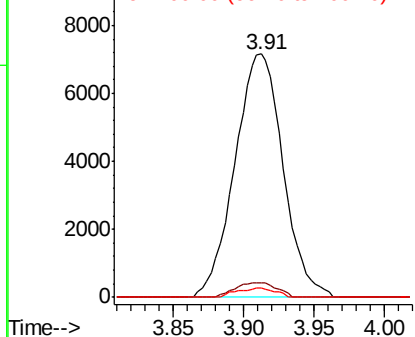
#17
 1,1-Dichloroethane
 Concen: 1.993 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Tot Ion: 63 Resp: 17074
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 4.0 2.4 7.1

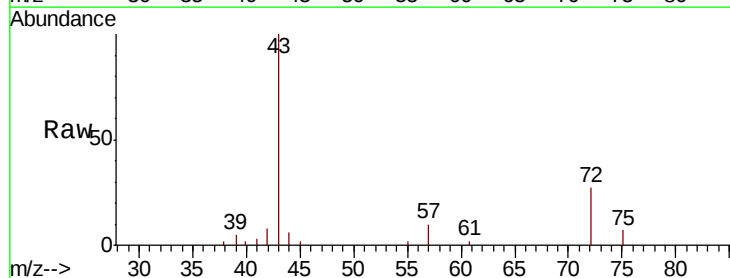


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

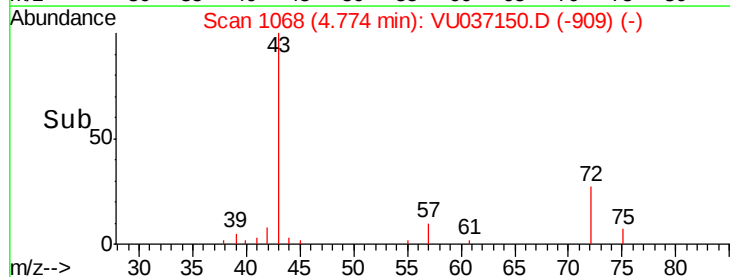
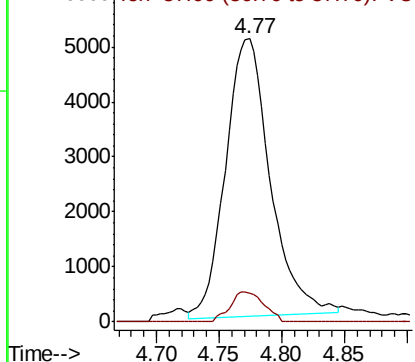


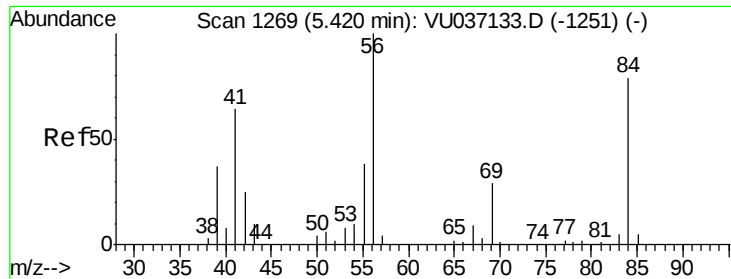
#18
 2-Butanone
 Concen: 8.951 ug/l
 RT: 4.77 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion: 43 Resp: 12514
 Ion Ratio Lower Upper
 43 100
 57 10.6 0.0 17.8



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

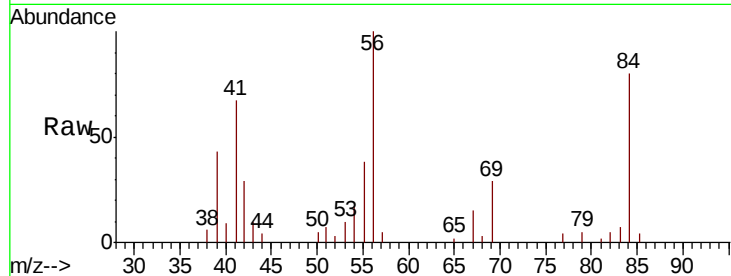




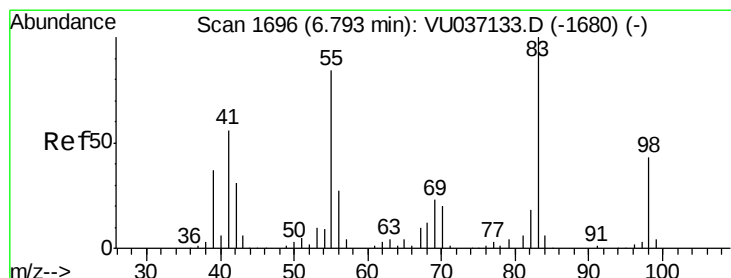
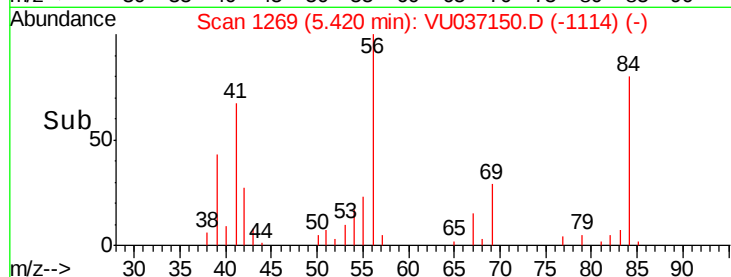
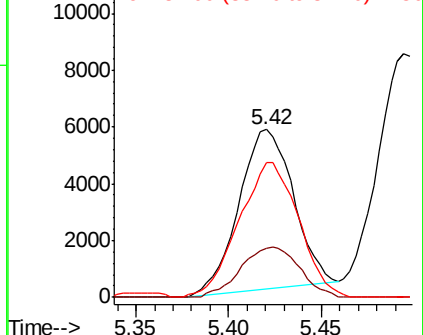
#19
Cyclohexane
Concen: 1.582 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tot Ion: 56 Resp: 11544
Ion Ratio Lower Upper
56 100
69 33.8 26.2 39.2
84 92.0 72.8 109.2

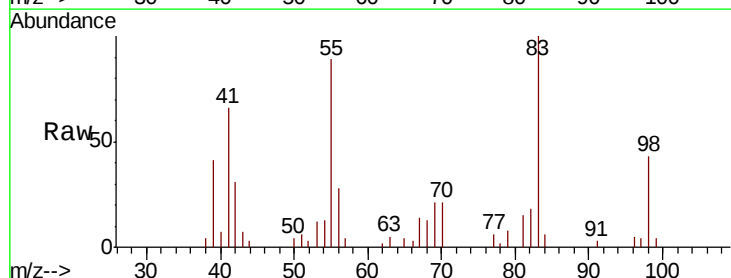


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

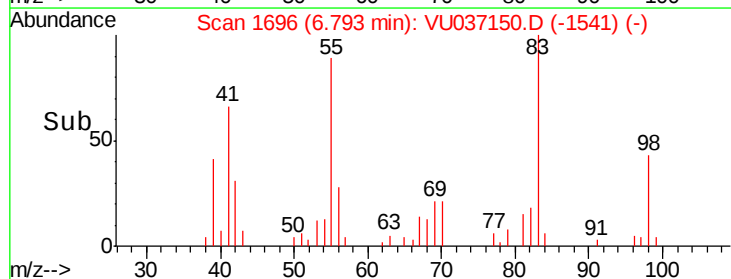
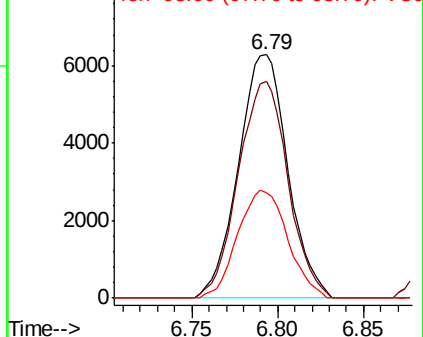


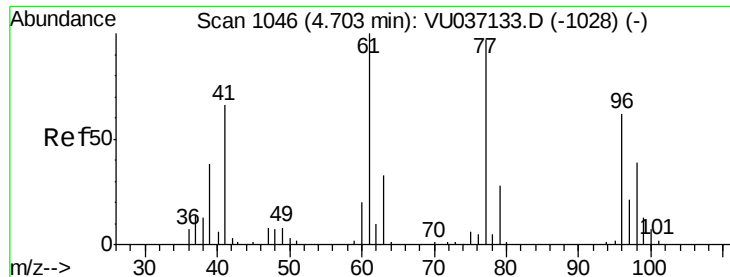
#20
Methylcyclohexane
Concen: 1.741 ug/l
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 83 Resp: 12544
Ion Ratio Lower Upper
83 100
55 89.4 56.6 85.0#
98 44.9 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

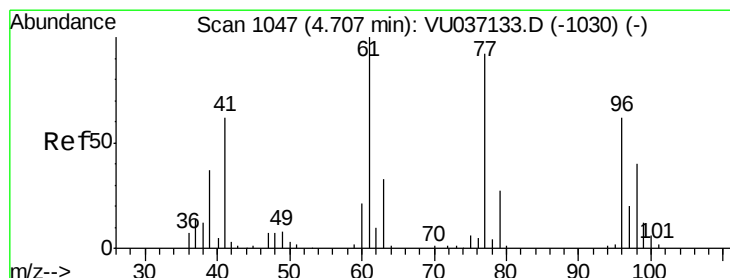
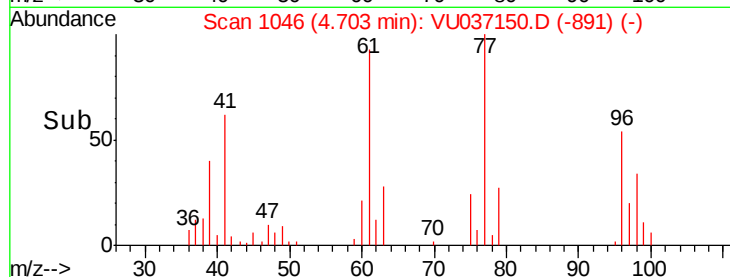
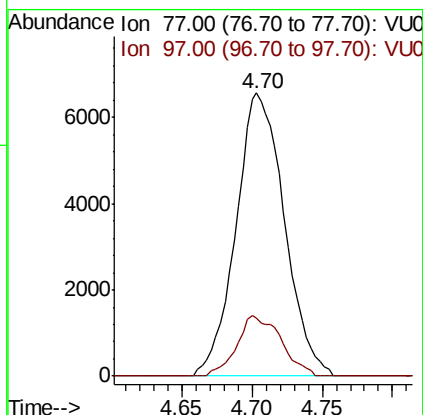
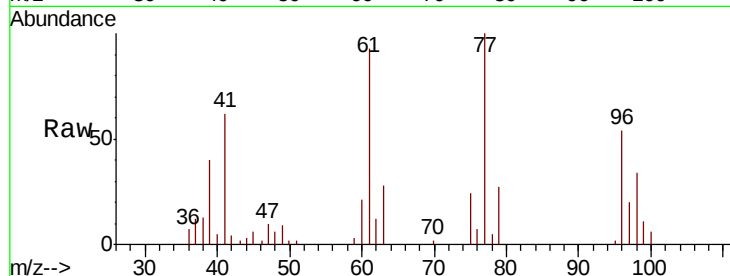




#21
 2,2-Dichloropropane
 Concen: 2.014 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

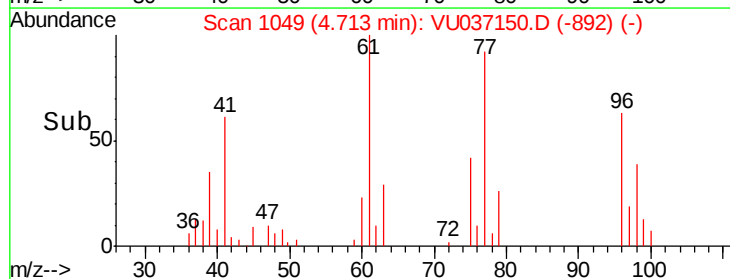
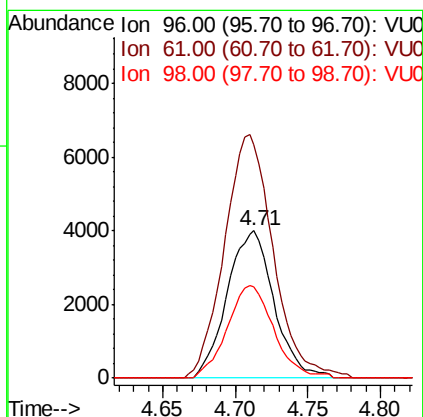
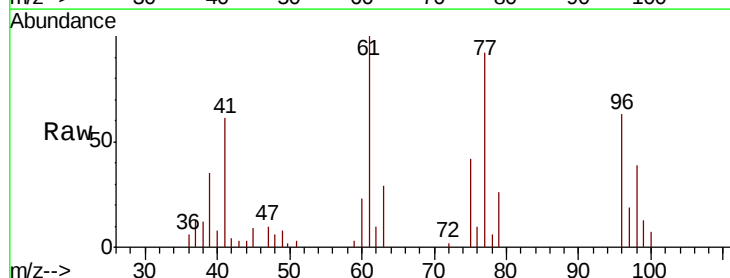
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

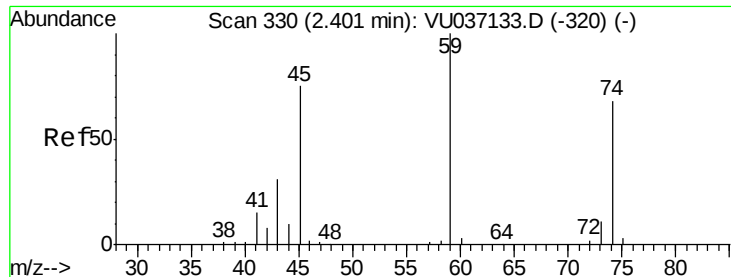
Tot Ion: 77 Resp: 15744
 Ion Ratio Lower Upper
 77 100
 97 19.6 19.0 28.4



#22
 cis-1,2-Dichloroethene
 Concen: 1.966 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion: 96 Resp: 8998
 Ion Ratio Lower Upper
 96 100
 61 171.7 0.0 342.0
 98 62.5 32.0 96.0

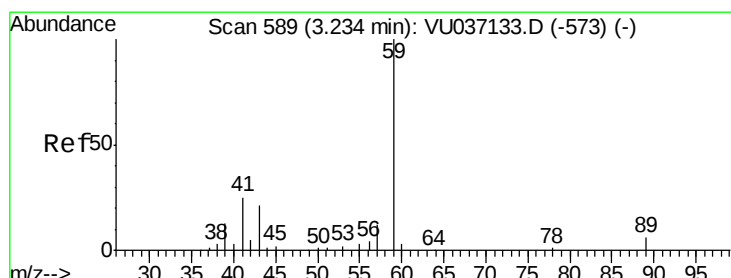
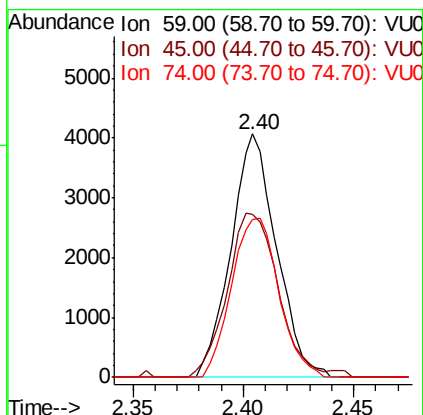
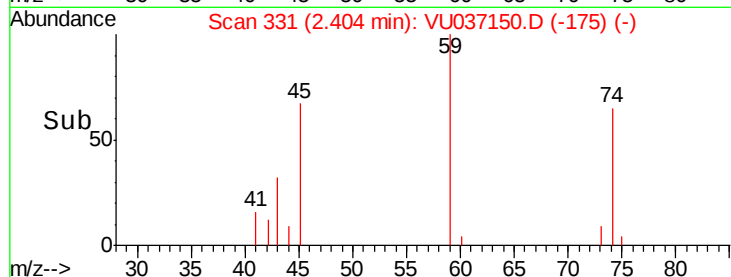
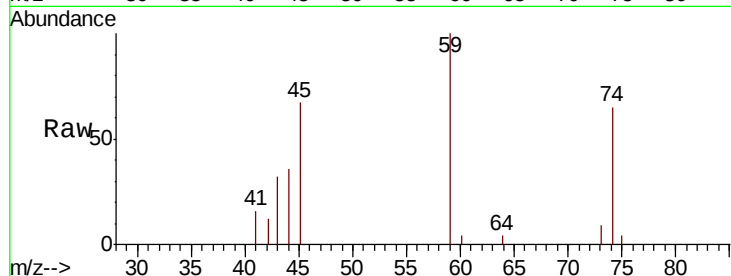




#23
Diethyl Ether
Concen: 1.980 ug/l
RT: 2.40 min Scan# 331
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

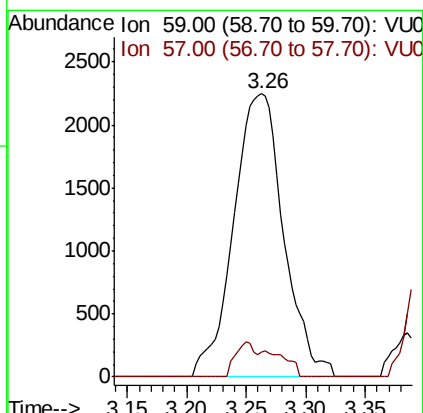
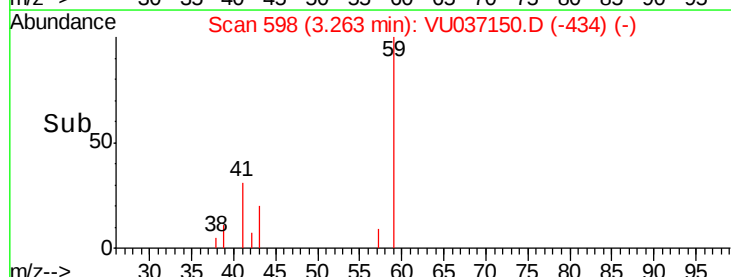
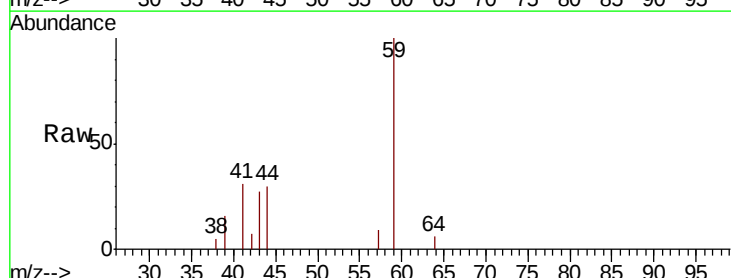
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

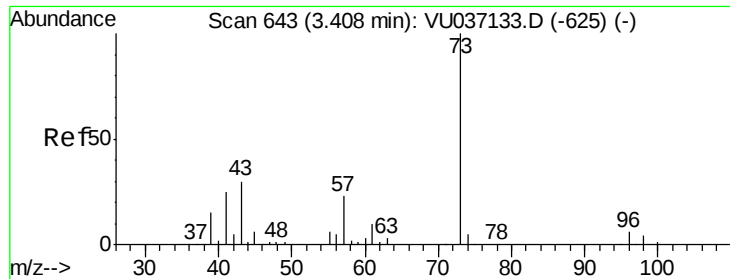
Tot Ion: 59 Resp: 5834
Ion Ratio Lower Upper
59 100
45 75.3 52.4 78.6
74 68.1 62.1 93.1



#24
tert-Butyl Alcohol
Concen: 20.305 ug/l
RT: 3.26 min Scan# 598
Delta R.T. 0.03 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 59 Resp: 6543
Ion Ratio Lower Upper
59 100
57 5.0 8.4 12.6#

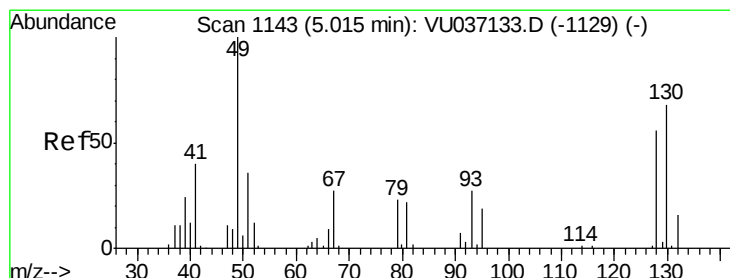
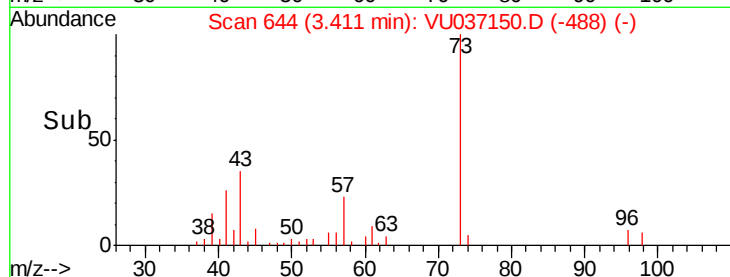
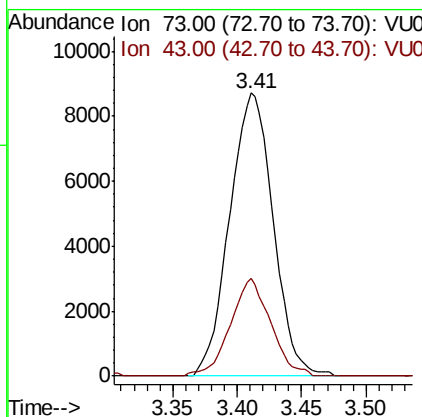
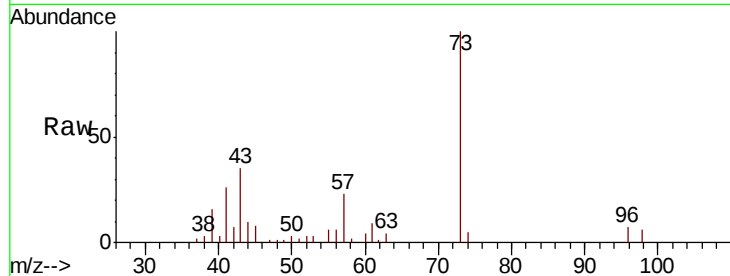




#25
Methvl tert-Butvl Ether
Concen: 2.010 ug/l
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

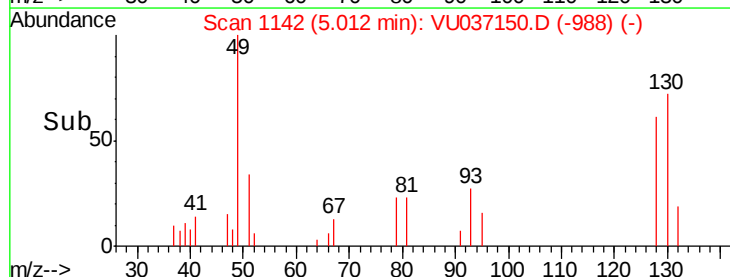
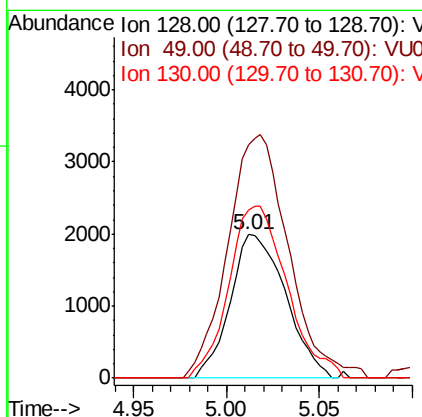
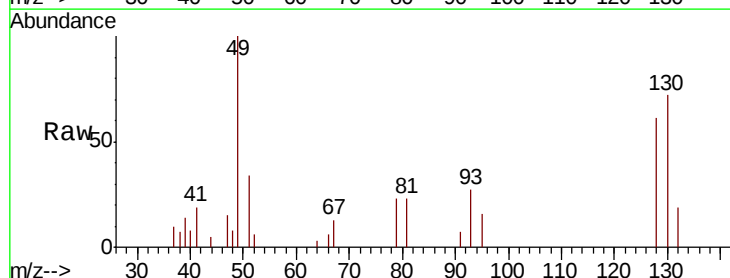
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

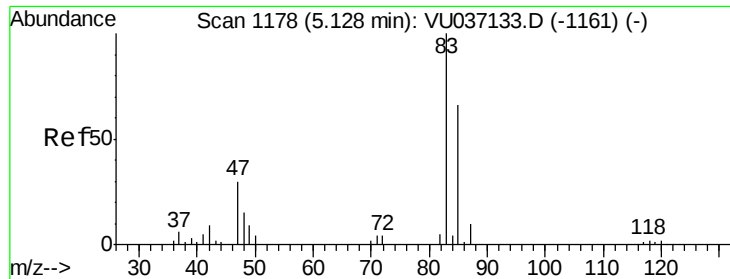
Tot Ion: 73 Resp: 20495
Ion Ratio Lower Upper
73 100
43 31.8 14.5 21.7#



#26
Bromochloromethane
Concen: 2.049 ug/l
RT: 5.01 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 128 Resp: 4127
Ion Ratio Lower Upper
128 100
49 186.0 0.0 286.2
130 126.0 104.3 156.5

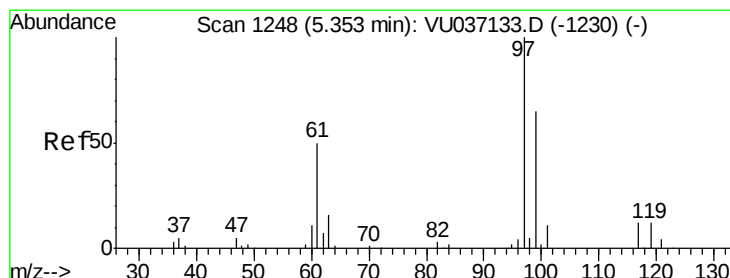
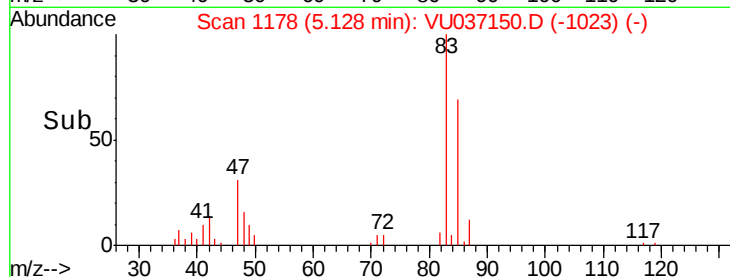
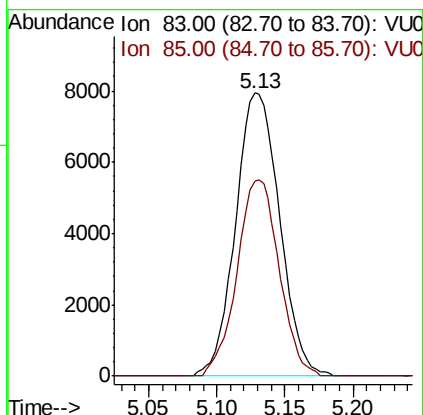
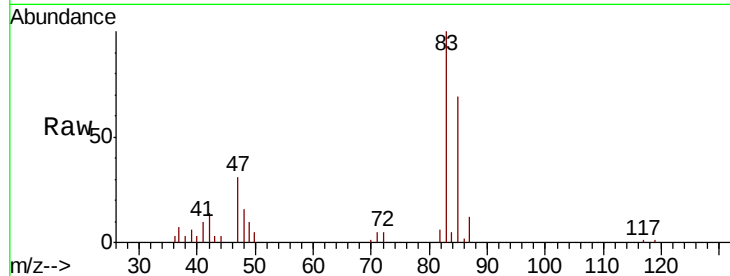




#27
 Chloroform
 Concen: 1.933 ug/l
 RT: 5.13 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

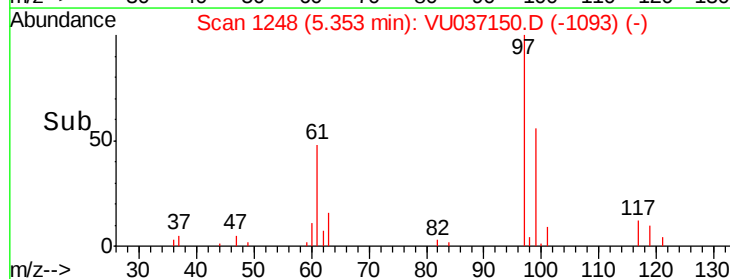
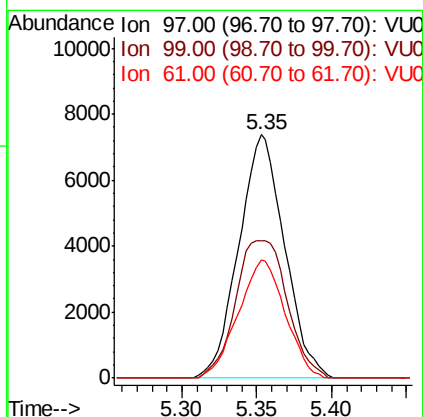
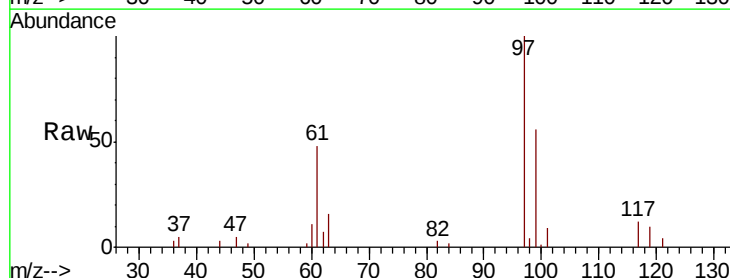
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

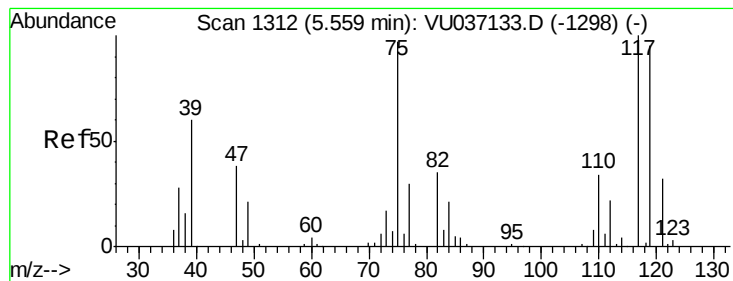
Tot Ion: 83 Resp: 17835
 Ion Ratio Lower Upper
 83 100
 85 68.8 0.0 129.0



#28
 1,1,1-Trichloroethane
 Concen: 1.992 ug/l
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion: 97 Resp: 15660
 Ion Ratio Lower Upper
 97 100
 99 63.9 32.1 96.3
 61 49.6 22.7 68.0





#29

1,1-Dichloropropene

Concen: 1.978 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

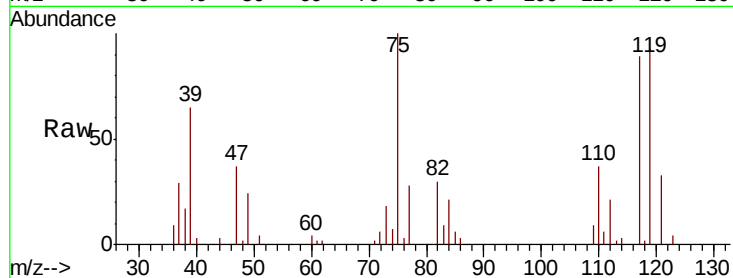
Tot Ion: 75 Resp: 12638

Ion Ratio Lower Upper

75 100

110 34.0 18.6 55.8

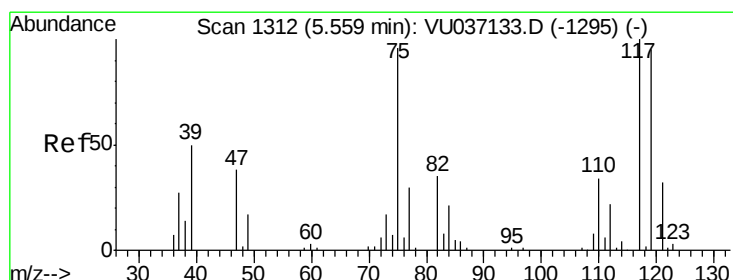
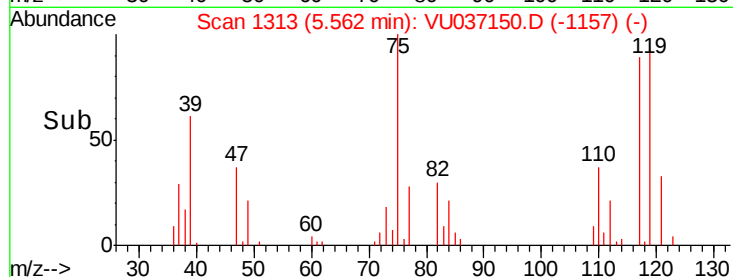
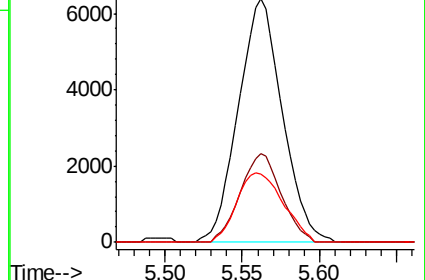
77 29.8 25.0 37.4



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: 0.278 ug/l

RT: 5.35 min Scan# 1247

Delta R.T. -0.21 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

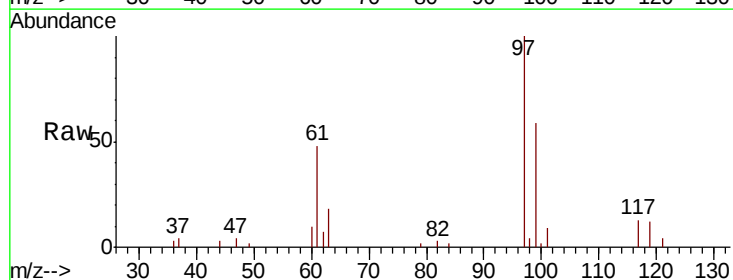
Tgt Ion: 117 Resp: 1910

Ion Ratio Lower Upper

117 100

119 89.3 77.0 115.6

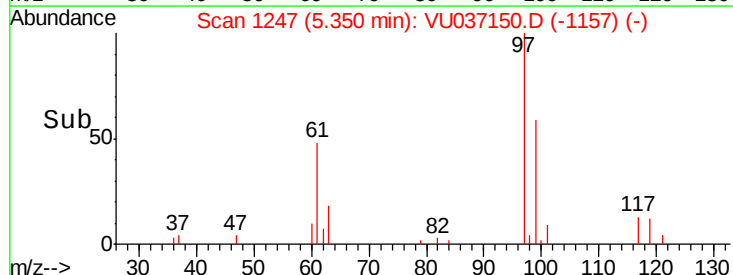
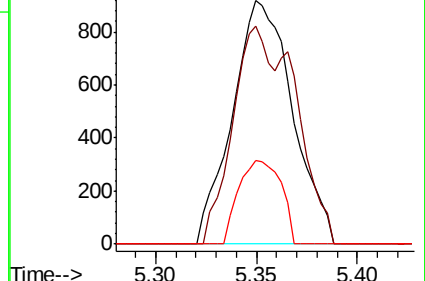
121 34.1 23.3 34.9

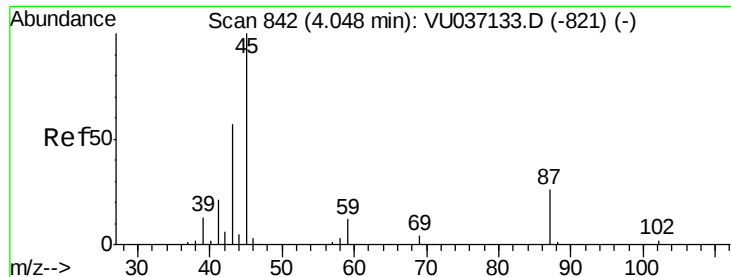


Abundance Ion 117.00 (116.70 to 117.70): VU037133.D (-1295) (-)

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: 1.832 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

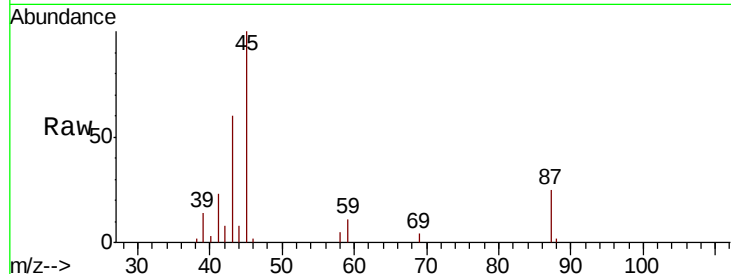
VU0310WBSD01

Tot Ion: 45 Resp: 25052

Ion Ratio Lower Upper

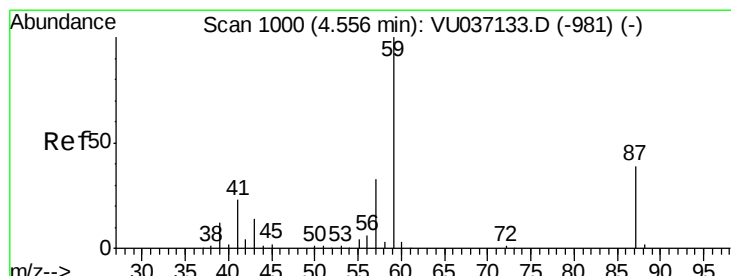
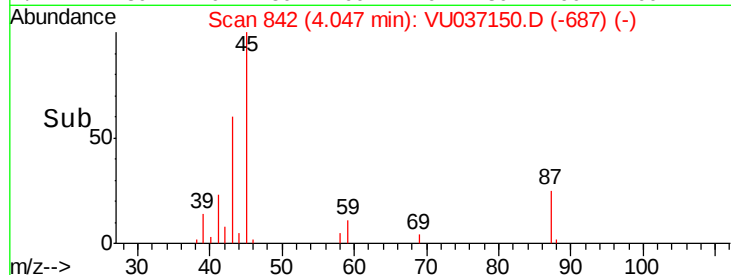
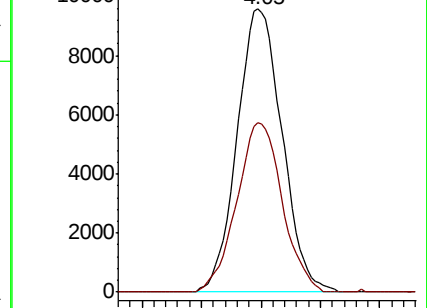
45 100

43 60.5 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU037133.D (-821) (-)

Ion 43.00 (42.70 to 43.70): VU037133.D (-821) (-)



#32

Ethyl-t-butyl ether

Concen: 1.834 ug/l

RT: 4.56 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VU037150.D

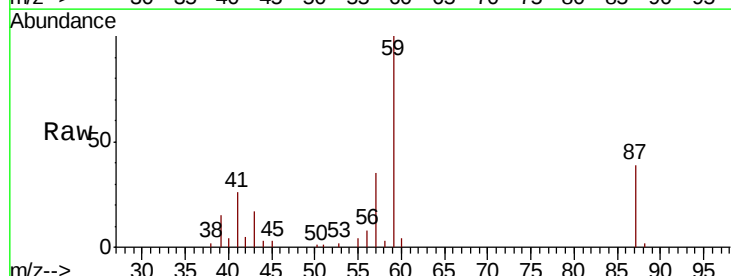
Acq: 10 Mar 2020 13:41

Tgt Ion: 59 Resp: 23671

Ion Ratio Lower Upper

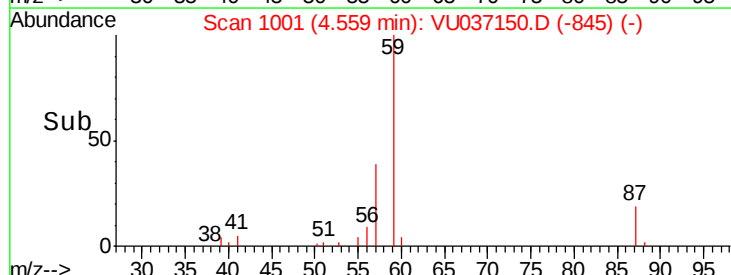
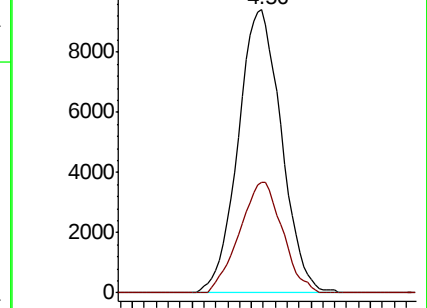
59 100

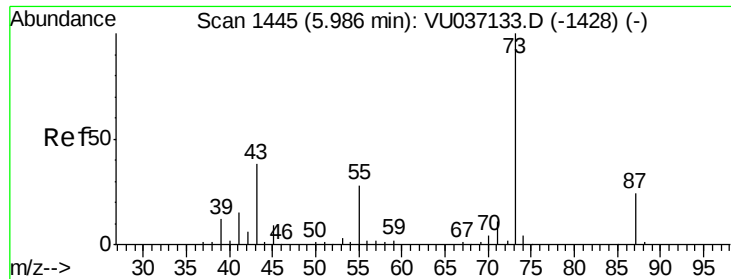
87 38.9 35.1 52.7



Abundance Ion 59.00 (58.70 to 59.70): VU037133.D (-981) (-)

Ion 87.00 (86.70 to 87.70): VU037133.D (-981) (-)

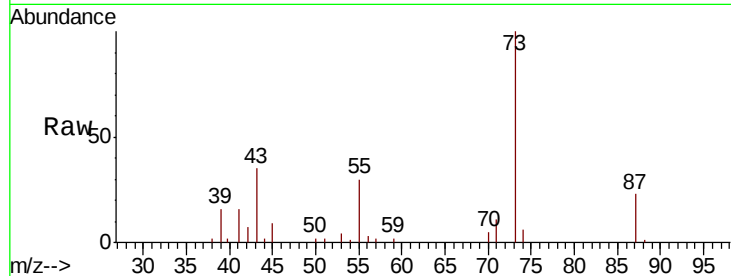




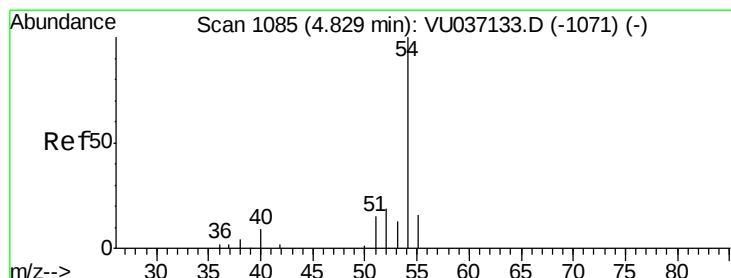
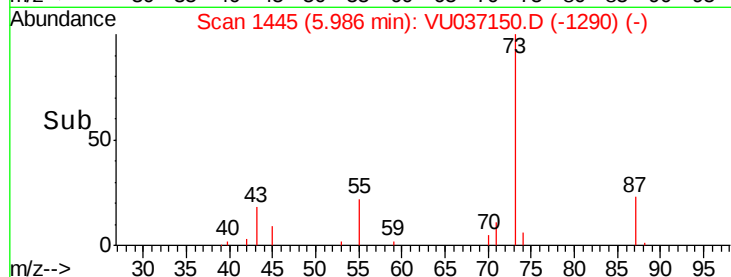
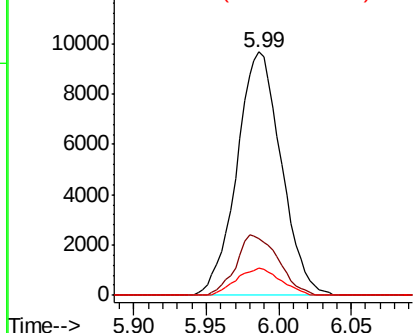
#33
Tert-Butyl methyl ether
Concen: 1.859 ug/l
RT: 5.99 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tot Ion: 73 Resp: 20594
Ion Ratio Lower Upper
73 100
87 23.6 19.8 29.6
71 11.0 9.1 13.7

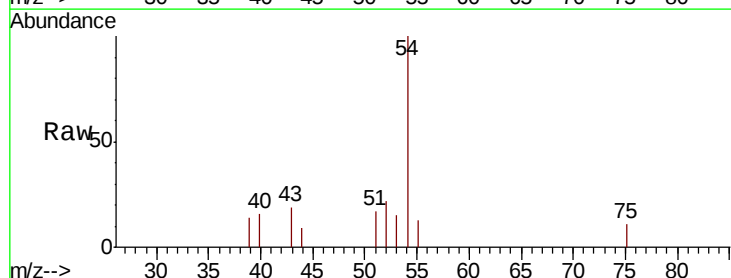


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

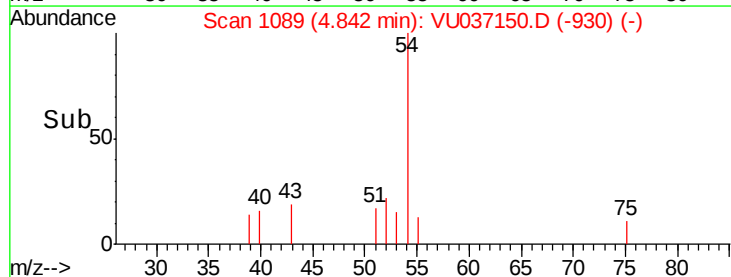
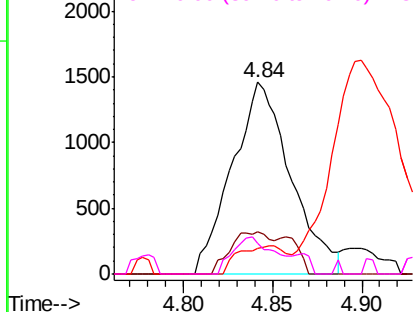


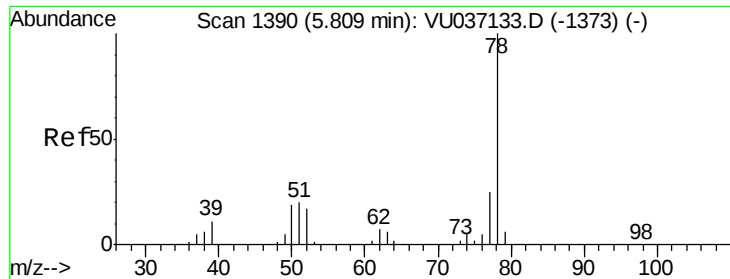
#34
Propionitrile
Concen: 9.088 ug/l
RT: 4.84 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 54 Resp: 3342
Ion Ratio Lower Upper
54 100
52 15.6 15.2 22.8
55 12.2 9.5 14.3
40 13.9 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: 1.929 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

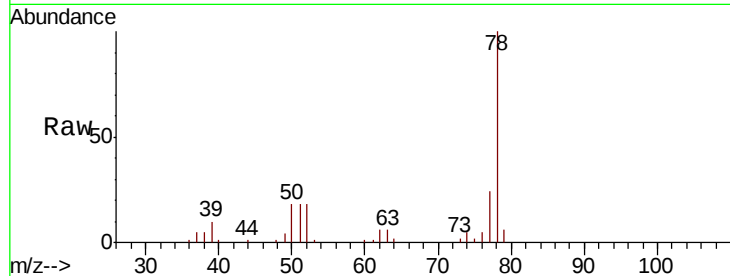
VU0310WBSD01

Tot Ion: 78 Resp: 35015

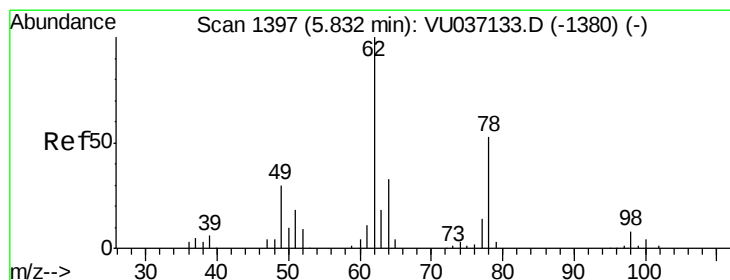
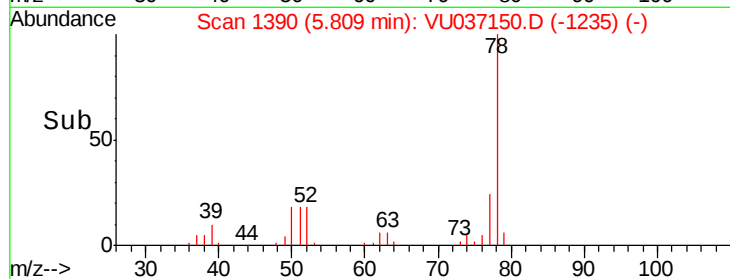
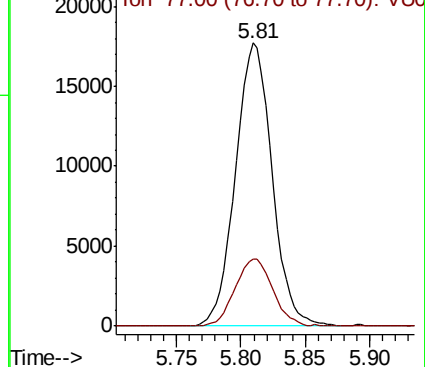
Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037150.D (-1235) (-)



#36

1,2-Dichloroethane

Concen: 1.881 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VU037150.D

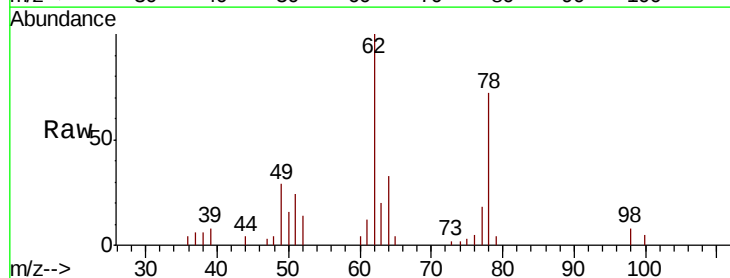
Acq: 10 Mar 2020 13:41

Tgt Ion: 62 Resp: 12375

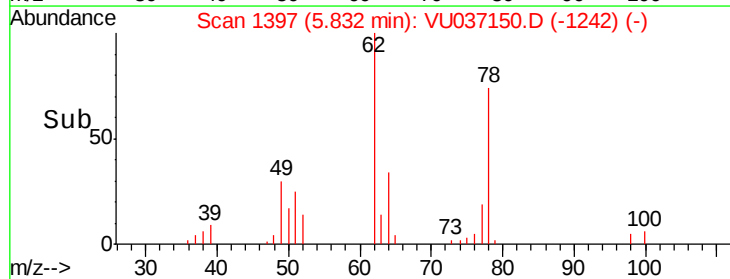
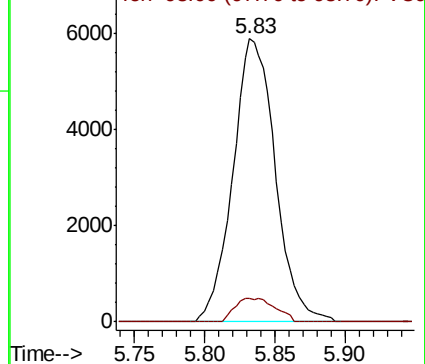
Ion Ratio Lower Upper

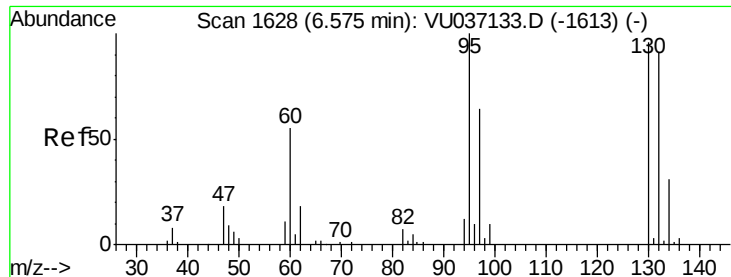
62 100

98 8.0 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU037150.D (-1242) (-)

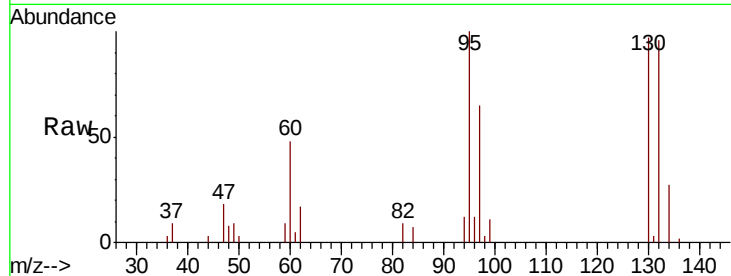




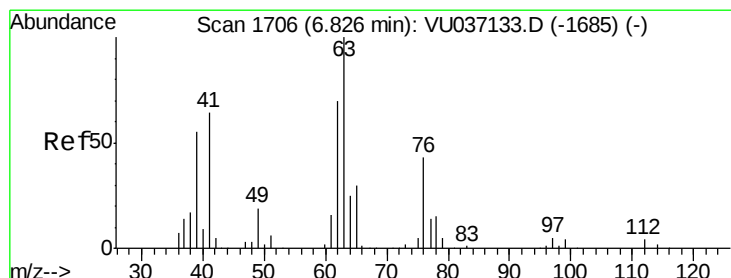
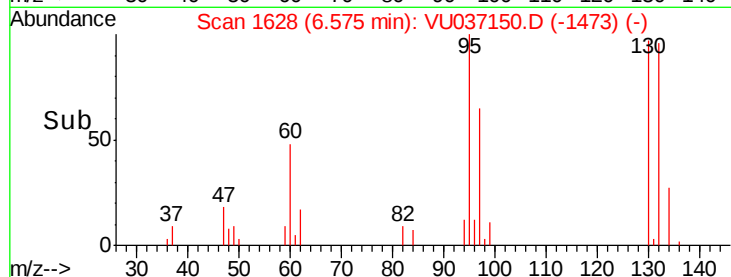
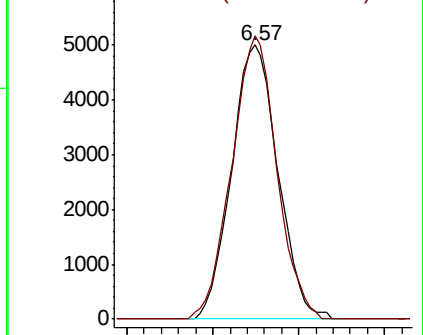
#37
 Trichloroethene
 Concen: 1.963 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Tot Ion:130 Resp: 9350
 Ion Ratio Lower Upper
 130 100
 95 103.3 77.0 115.4

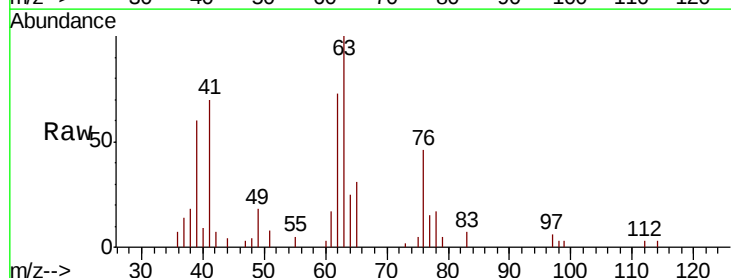


Abundance Ion 129.90 (129.60 to 130.60): VU037133.D (-1613) (-)
 Ion 94.90 (94.60 to 95.60): VU037133.D (-1613) (-)

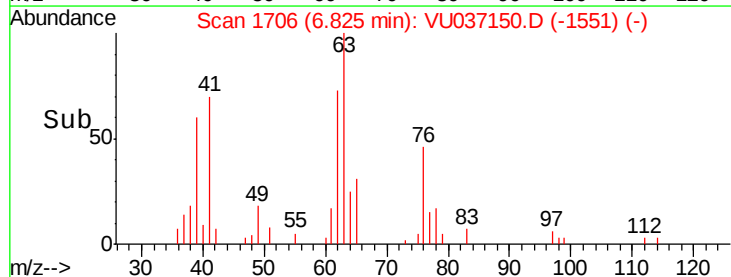
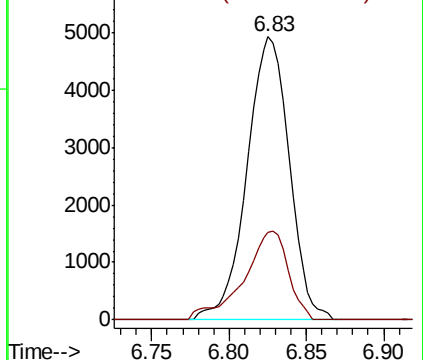


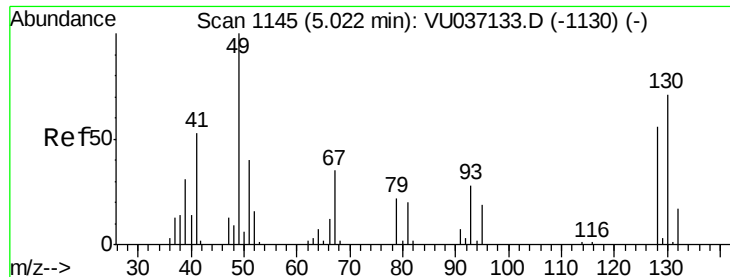
#38
 1,2-Dichloropropane
 Concen: 1.887 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion: 63 Resp: 9400
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU037133.D (-1685) (-)
 Ion 65.00 (64.70 to 65.70): VU037133.D (-1685) (-)

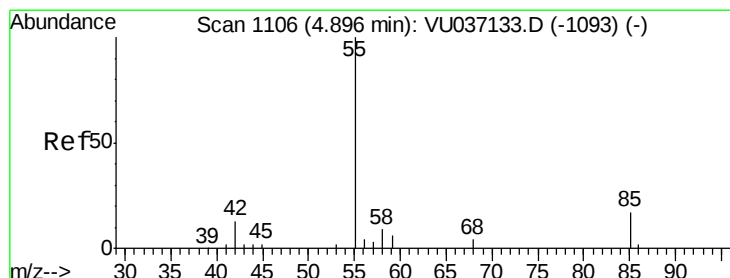
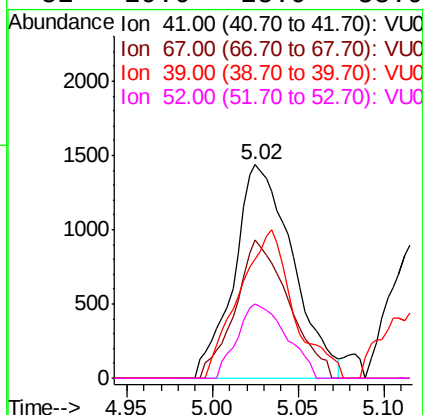
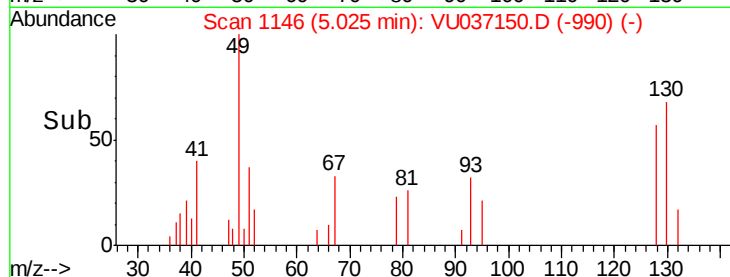
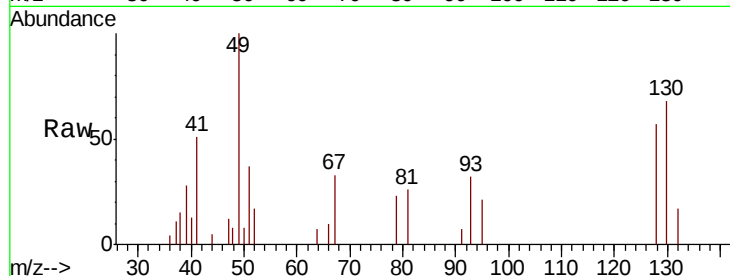




#39
Methacrylonitrile
Concen: 1.919 ug/l
RT: 5.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

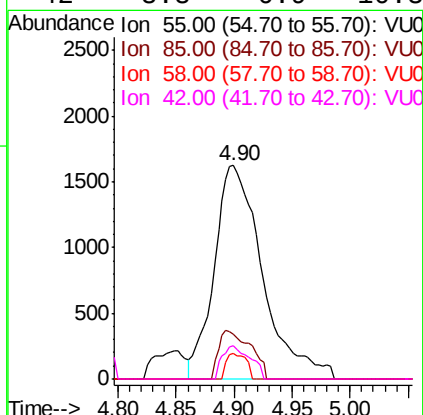
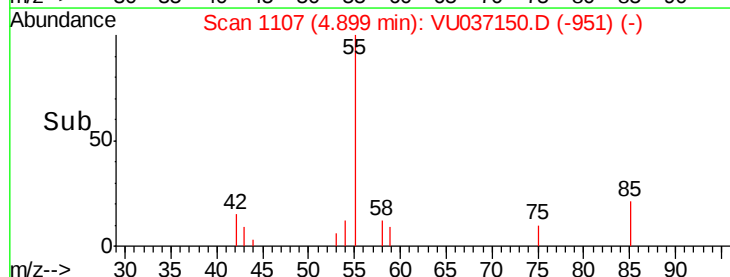
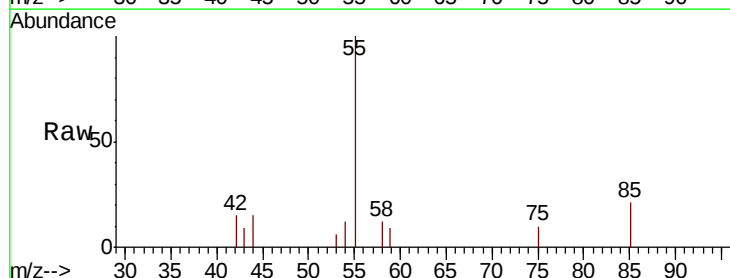
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

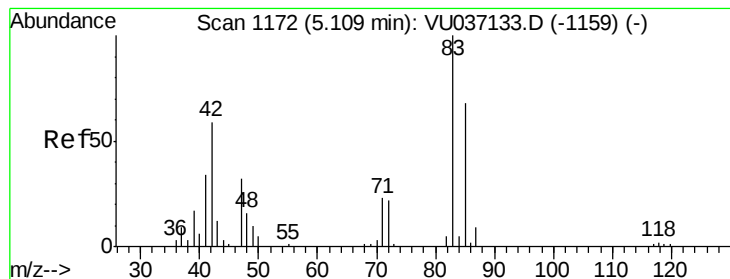
Tot Ion: 41 Resp: 3404
Ion Ratio Lower Upper
41 100
67 59.0 69.6 104.4#
39 64.6 41.6 62.4#
52 29.0 25.9 38.9



#40
Methyl acrylate
Concen: 1.920 ug/l
RT: 4.90 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 55 Resp: 4710
Ion Ratio Lower Upper
55 100
85 14.9 14.7 22.1
58 4.7 7.1 10.7#
42 8.8 6.9 10.3





#41

Tetrahydrofuran

Concen: 3.866 ug/l

RT: 5.11 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

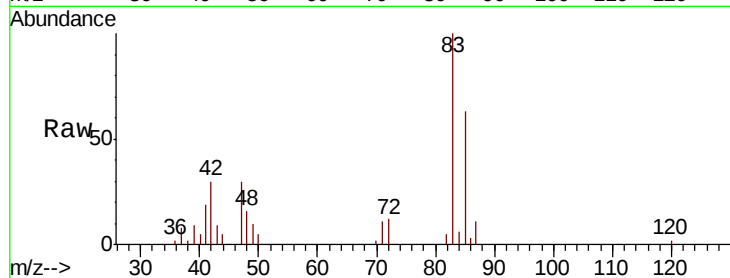
Tot Ion: 42 Resp: 3422

Ion Ratio Lower Upper

42 100

72 35.3 42.5 63.7#

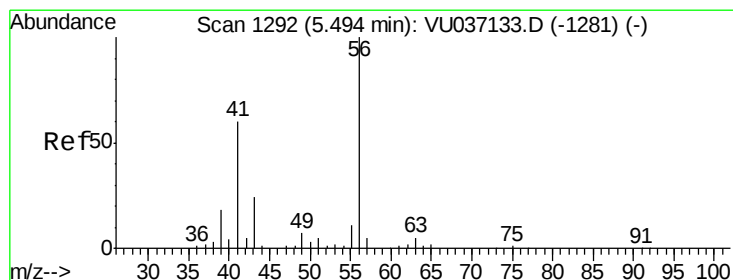
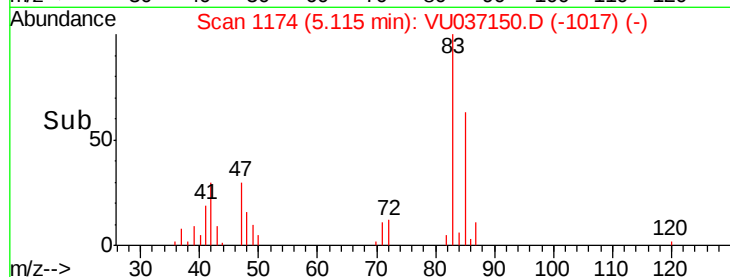
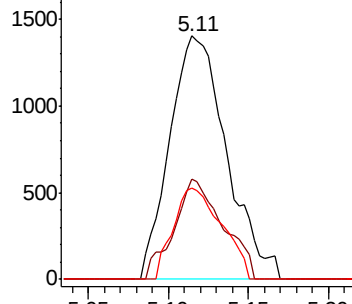
71 31.8 37.3 55.9#



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: 1.970 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VU037150.D

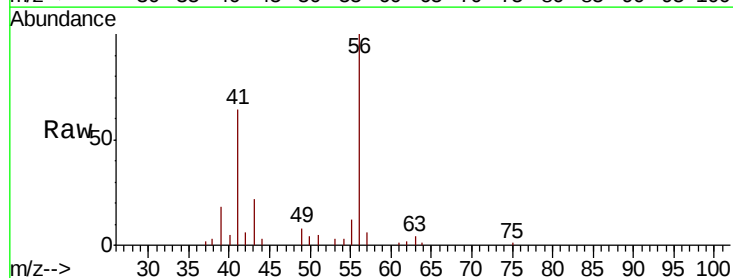
Acq: 10 Mar 2020 13:41

Tgt Ion: 56 Resp: 18131

Ion Ratio Lower Upper

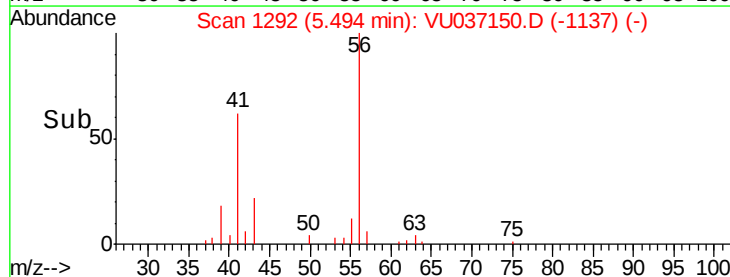
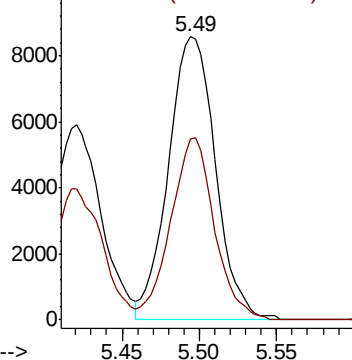
56 100

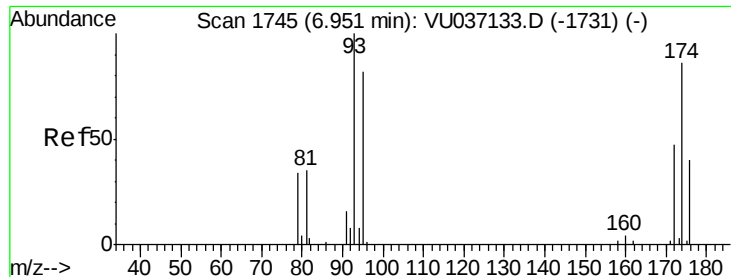
41 59.8 24.8 74.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.985 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

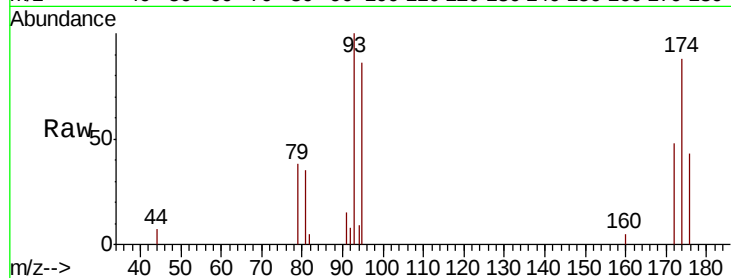
Tot Ion: 93 Resp: 5070

Ion Ratio Lower Upper

93 100

95 84.4 67.9 101.9

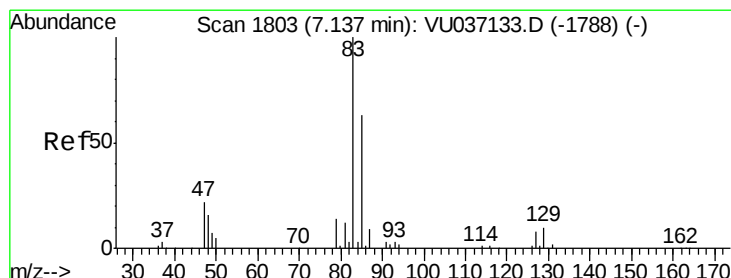
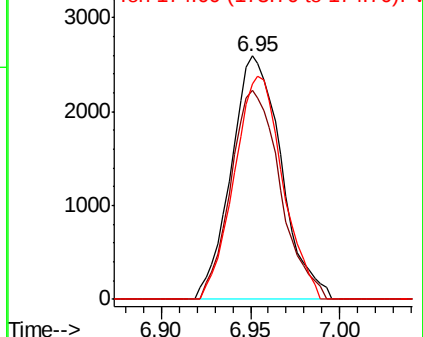
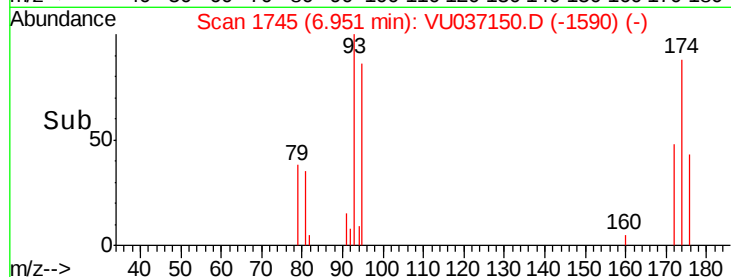
174 88.6 83.4 125.0



Abundance Ion 93.00 (92.70 to 93.70): VU037150.D (-1590) (-)

Ion 95.00 (94.70 to 95.70): VU037150.D (-1590) (-)

Ion 174.00 (173.70 to 174.70): VU037150.D (-1590) (-)



#44

Bromodichloromethane

Concen: 1.891 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

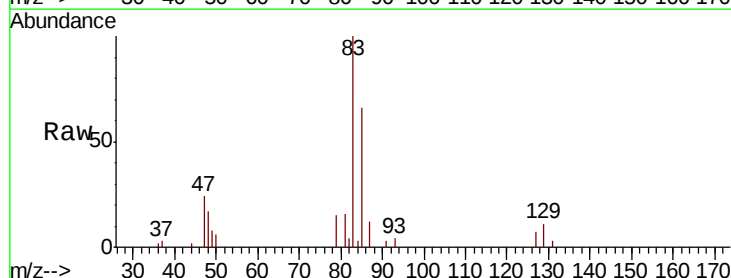
Tgt Ion: 83 Resp: 12571

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

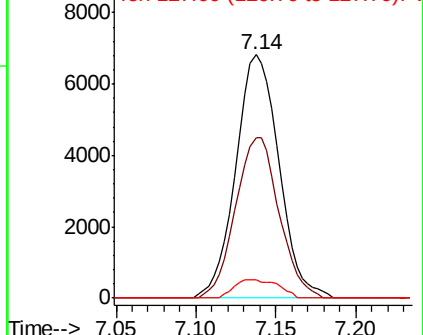
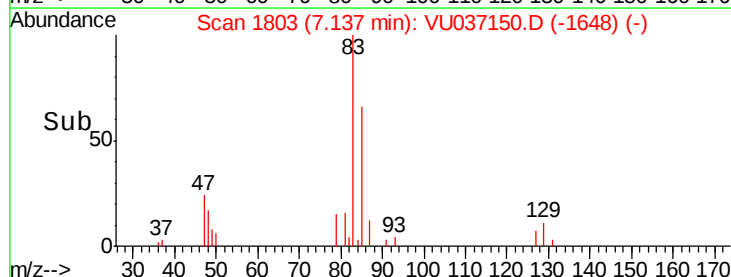
127 7.3 6.8 10.2

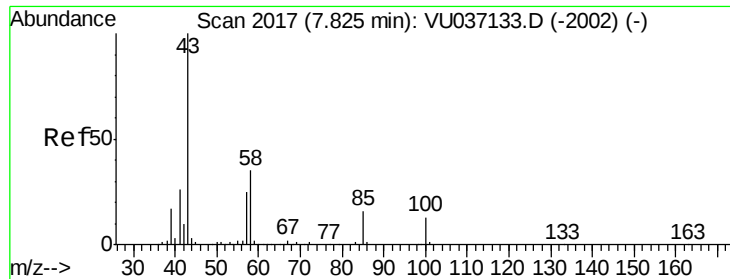


Abundance Ion 83.00 (82.70 to 83.70): VU037150.D (-1648) (-)

Ion 85.00 (84.70 to 85.70): VU037150.D (-1648) (-)

Ion 127.00 (126.70 to 127.70): VU037150.D (-1648) (-)

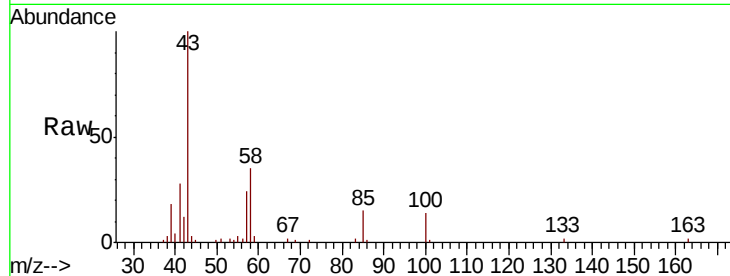




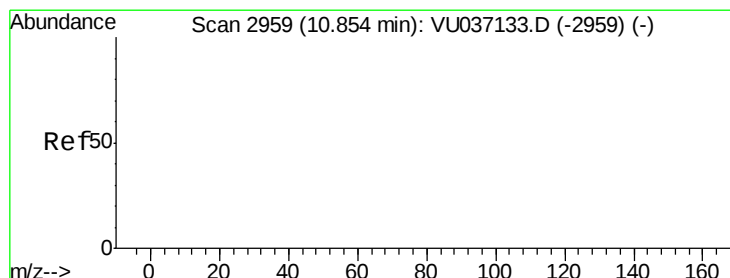
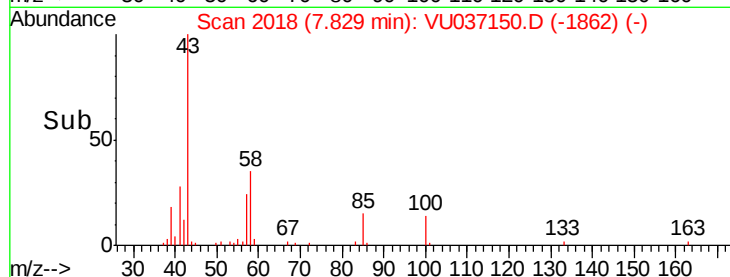
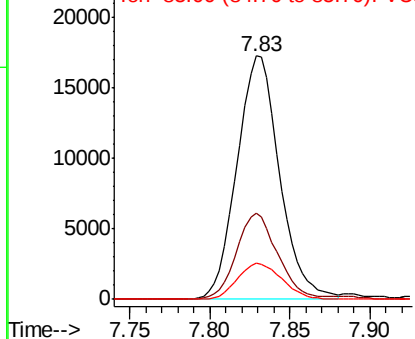
#45
4-Methyl-2-Pentanone
Concen: 9.172 ug/l
RT: 7.83 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tot Ion: 43 Resp: 31413
Ion Ratio Lower Upper
43 100
58 34.0 22.1 66.1
85 15.4 17.4 26.0#

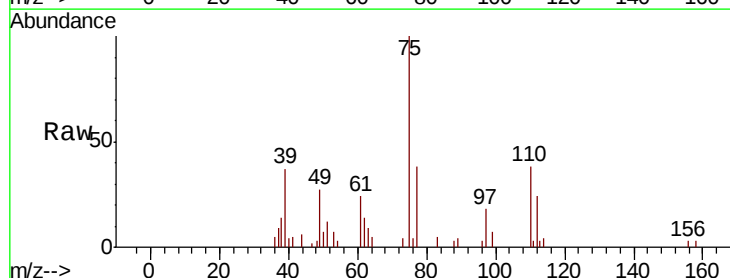


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

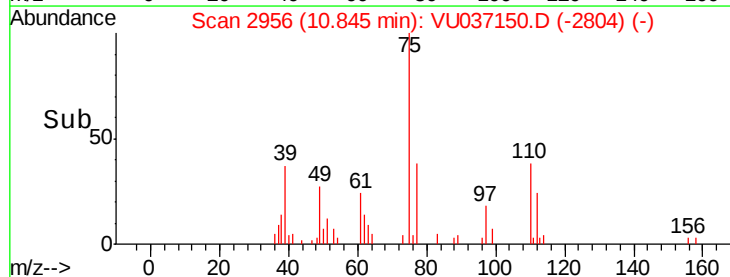
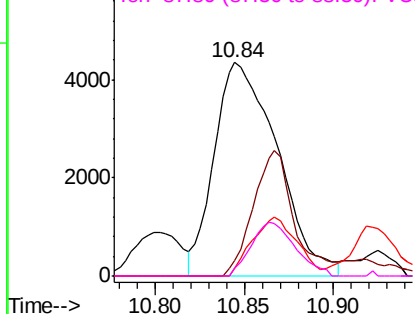


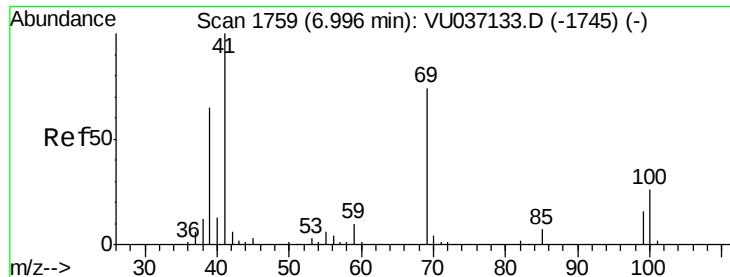
#46
t-1,4-Dichloro-2-butene
Concen: 11.439 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 75 Resp: 10723
Ion Ratio Lower Upper
75 100
53 37.8 52.2 78.2#
89 19.5 39.8 59.6#
88 17.4 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

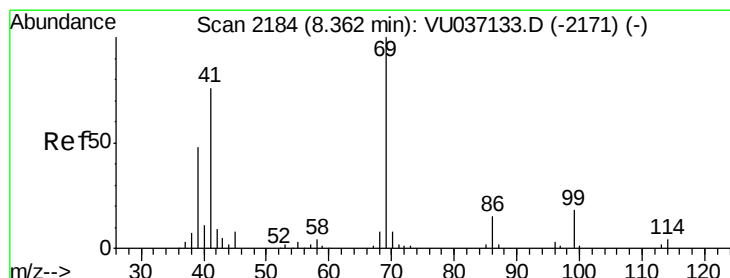
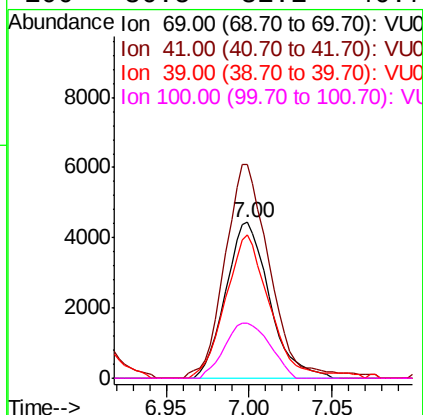
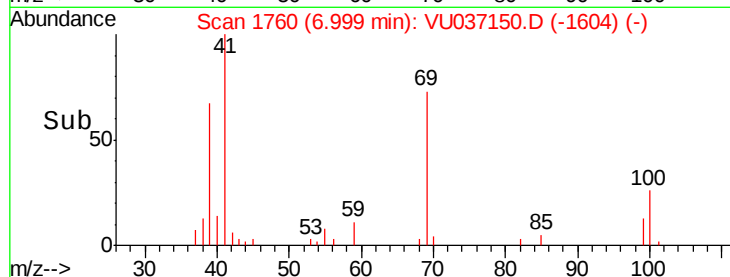
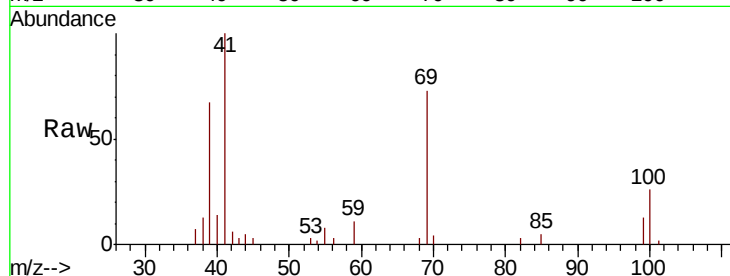




#47
Methyl methacrylate
Concen: 3.855 ug/l
RT: 7.00 min Scan# 1760
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

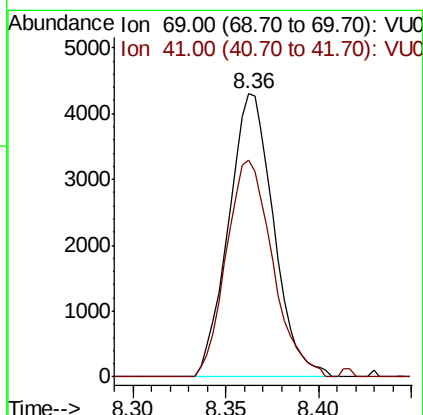
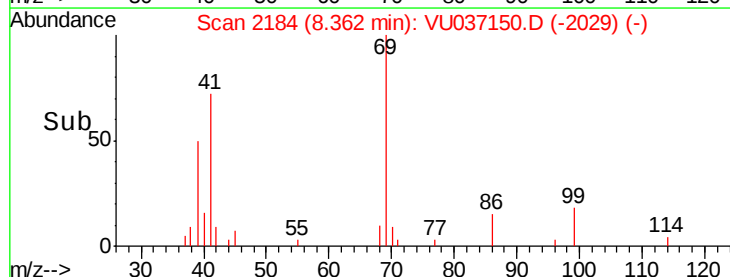
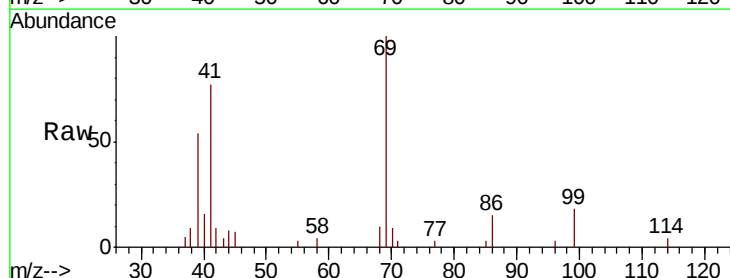
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

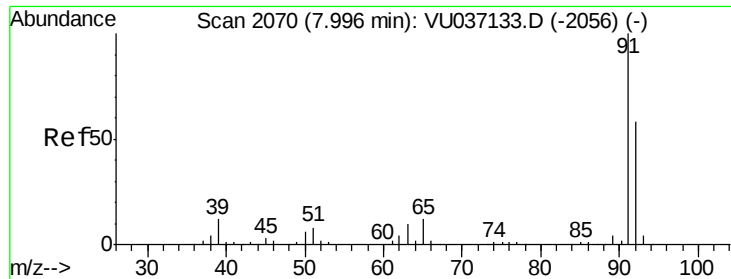
Tot Ion: 69 Resp: 8138
Ion Ratio Lower Upper
69 100
41 141.2 0.0 200.8
39 91.8 43.5 65.3#
100 36.5 31.1 46.7



#48
Ethyl methacrylate
Concen: 1.739 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 69 Resp: 7251
Ion Ratio Lower Upper
69 100
41 78.6 27.9 83.6





#49

Toluene

Concen: 1.907 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

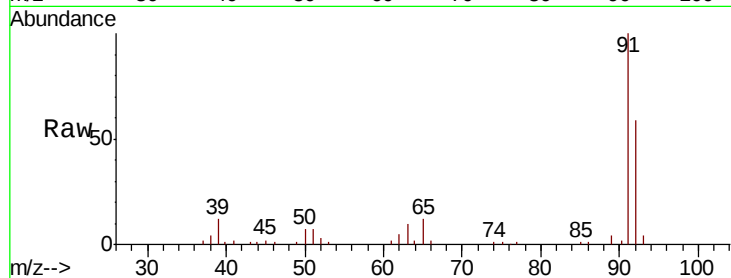
VU0310WBSD01

Tot Ion: 92 Resp: 20906

Ion Ratio Lower Upper

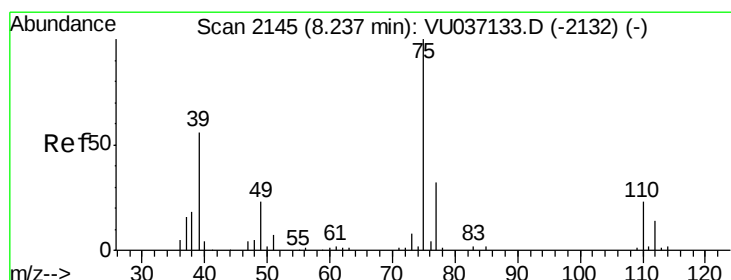
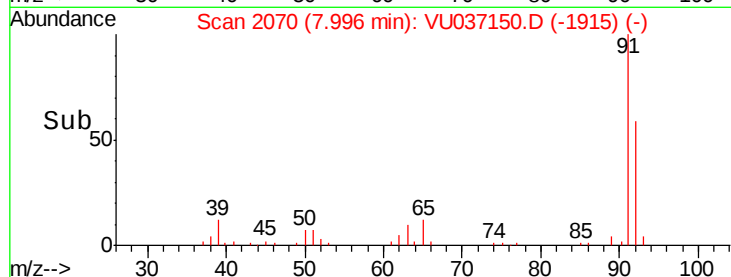
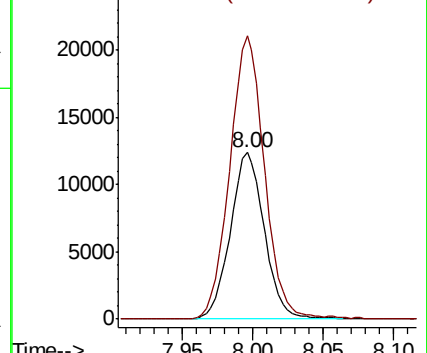
92 100

91 173.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU037133.D (-2056) (-)

Ion 91.00 (90.70 to 91.70): VU037133.D (-2056) (-)



#50

t-1,3-Dichloropropene

Concen: 1.855 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037150.D

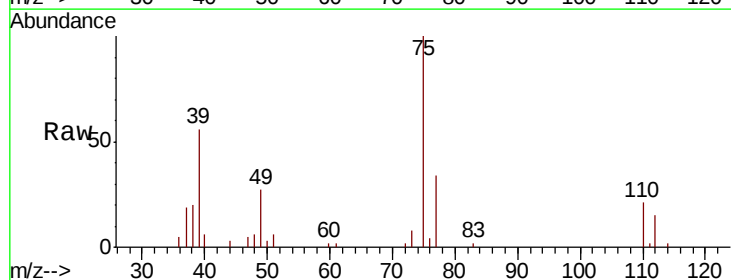
Acq: 10 Mar 2020 13:41

Tgt Ion: 75 Resp: 11111

Ion Ratio Lower Upper

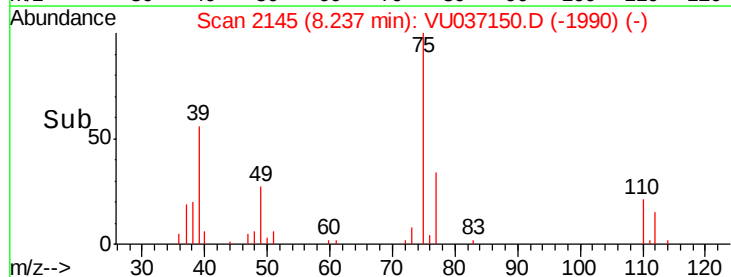
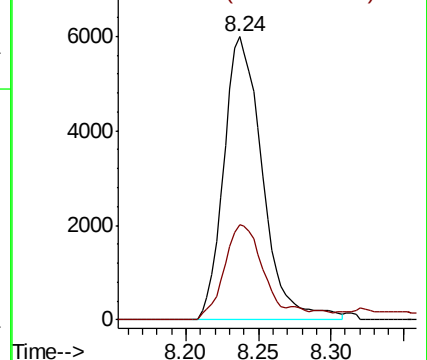
75 100

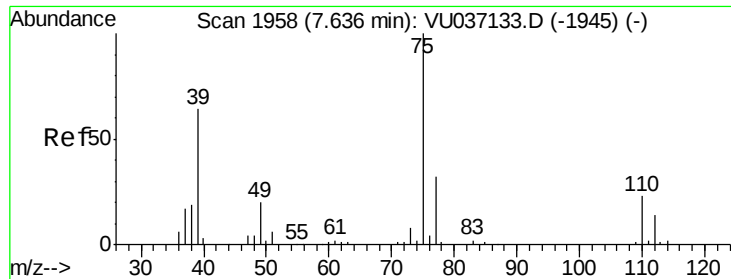
77 33.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037133.D (-2132) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-2132) (-)



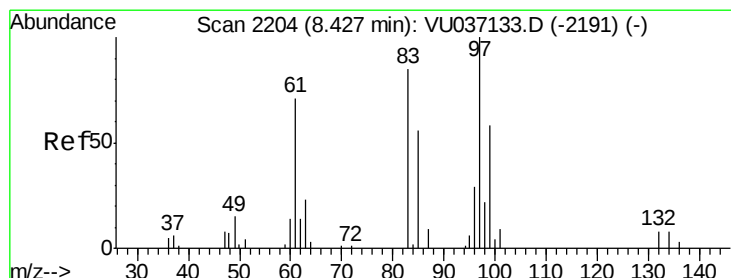
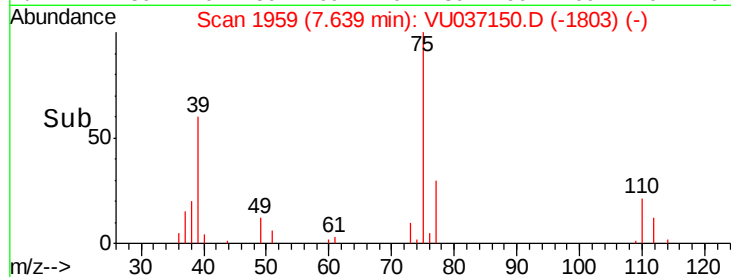
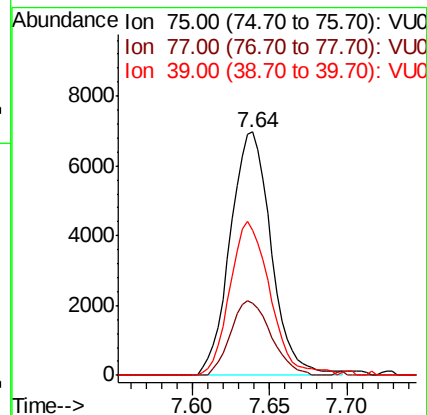
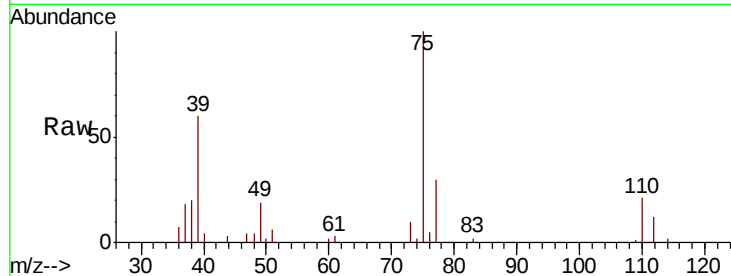


#51

cis-1,3-Dichloropropene
 Concen: 1.874 ug/l
 RT: 7.64 min Scan# 1959
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

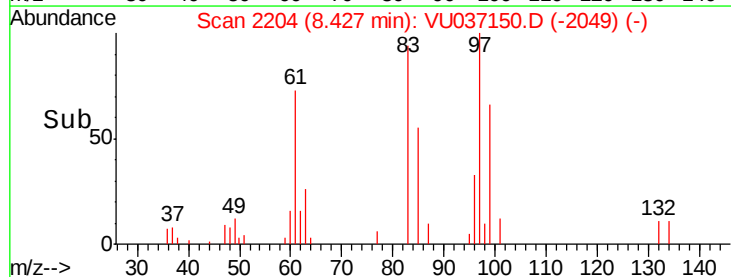
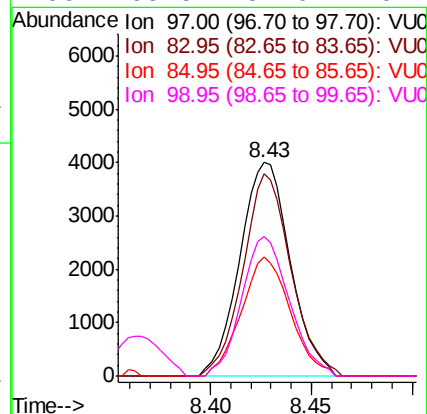
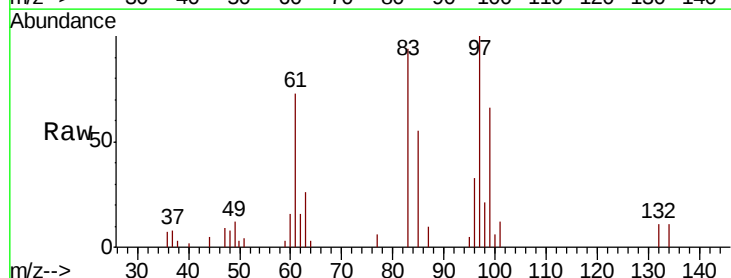
Tot Ion: 75 Resp: 12821
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.3 37.9
 39 59.7 31.8 47.6#

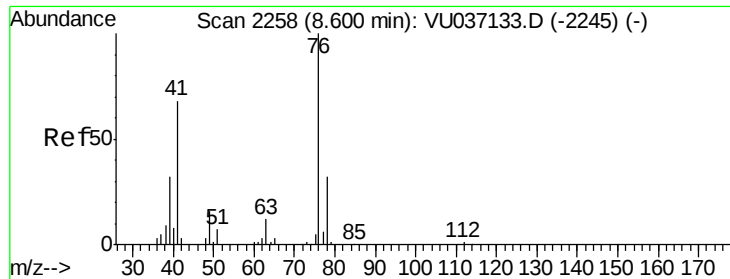


#52

1,1,2-Trichloroethane
 Concen: 2.055 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion: 97 Resp: 7003
 Ion Ratio Lower Upper
 97 100
 83 94.5 70.9 106.3
 85 55.5 45.6 68.4
 99 65.5 51.0 76.4





#53

1,3-Dichloropropane

Concen: 1.919 ug/l

RT: 8.60 min Scan# 2259

Delta R.T. 0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

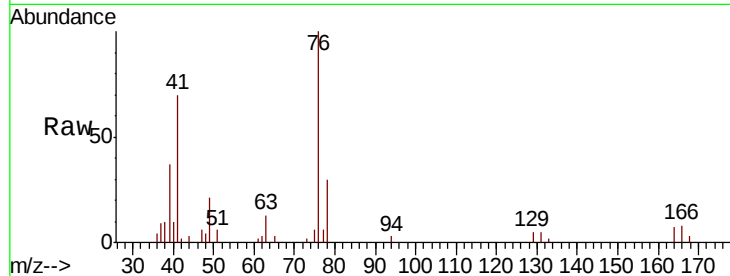
VU0310WBSD01

Tot Ion: 76 Resp: 11595

Ion Ratio Lower Upper

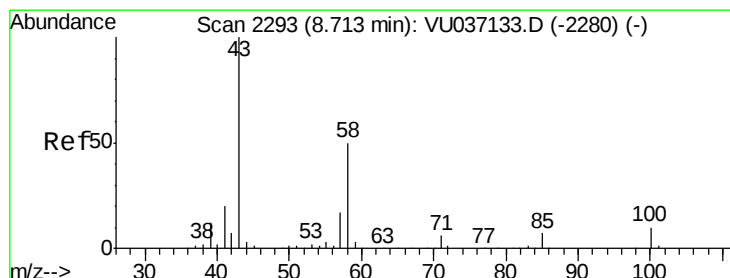
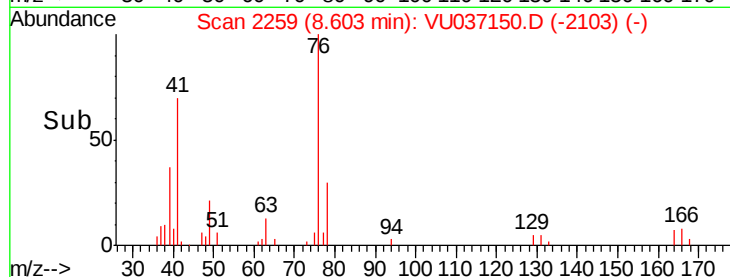
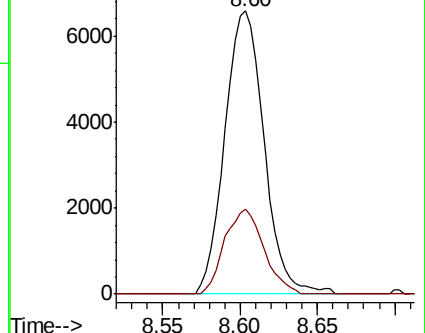
76 100

78 29.9 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU037133.D (-2245) (-)

Ion 78.00 (77.70 to 78.70): VU037133.D (-2245) (-)



#54

2-Hexanone

Concen: 9.287 ug/l

RT: 8.72 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

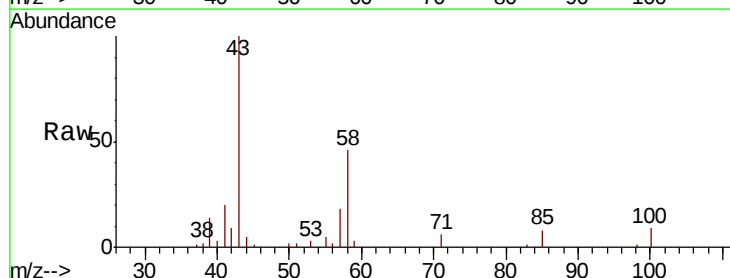
Tgt Ion: 43 Resp: 21912

Ion Ratio Lower Upper

43 100

58 46.6 40.6 80.6

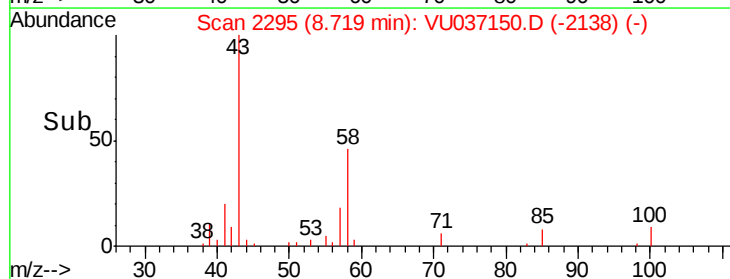
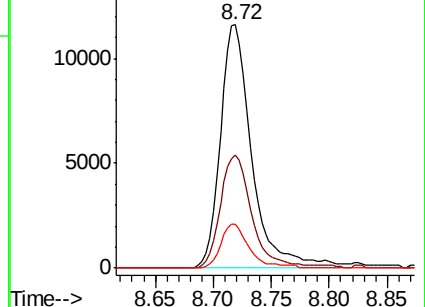
57 16.4 1.2 41.2

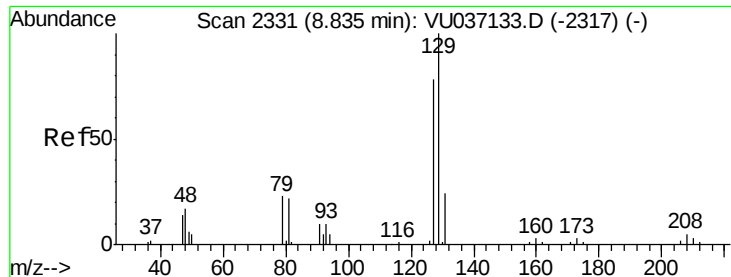


Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-2280) (-)

Ion 58.00 (57.70 to 58.70): VU037133.D (-2280) (-)

Ion 57.00 (56.70 to 57.70): VU037133.D (-2280) (-)





#55

Dibromochloromethane

Concen: 2.014 ug/l

RT: 8.83 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

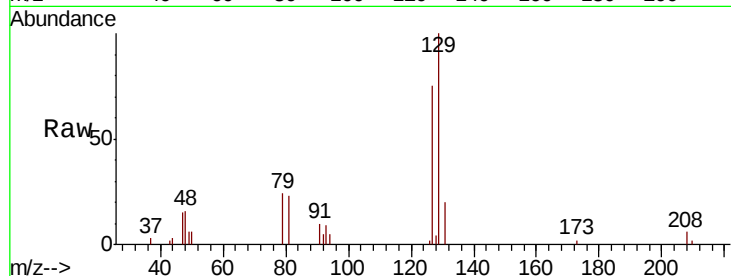
VU0310WBSD01

Tot Ion:129 Resp: 8493

Ion Ratio Lower Upper

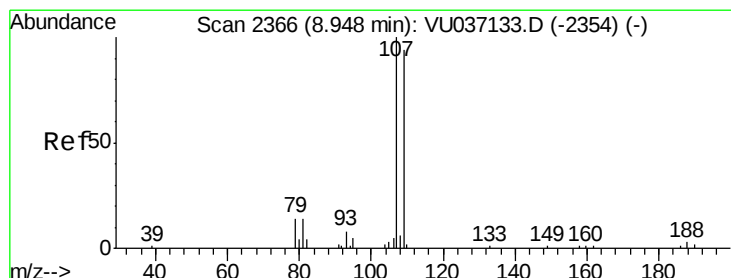
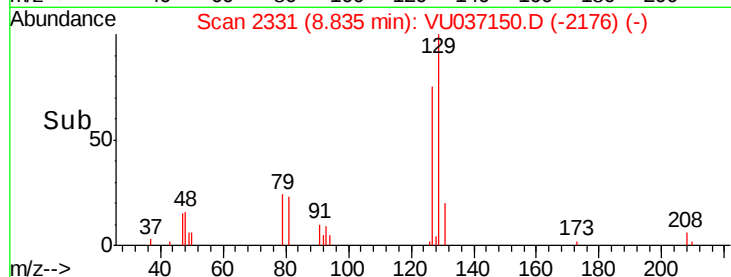
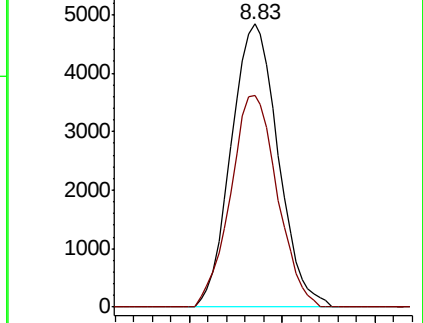
129 100

127 74.4 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: 2.015 ug/l

RT: 8.95 min Scan# 2368

Delta R.T. 0.01 min

Lab File: VU037150.D

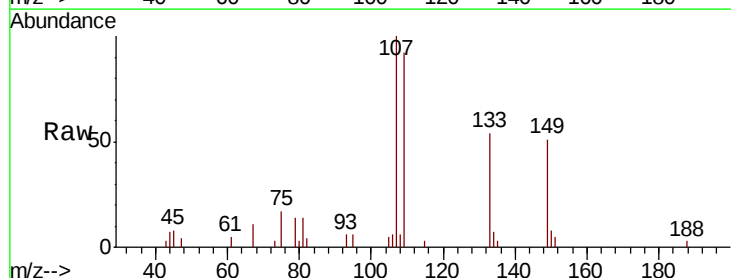
Acq: 10 Mar 2020 13:41

Tgt Ion:107 Resp: 6502

Ion Ratio Lower Upper

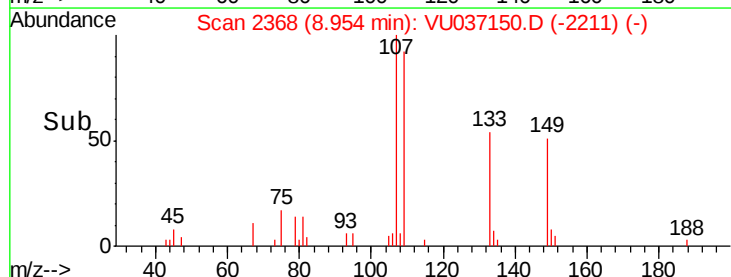
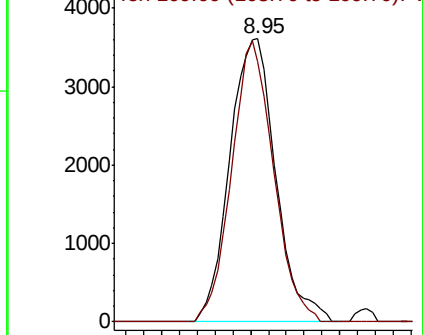
107 100

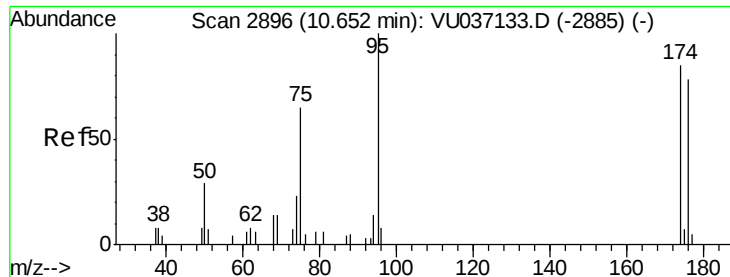
109 90.2 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

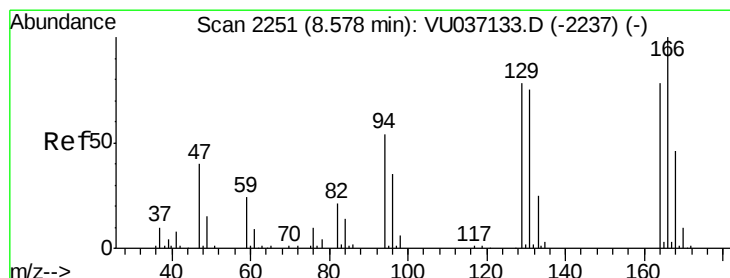
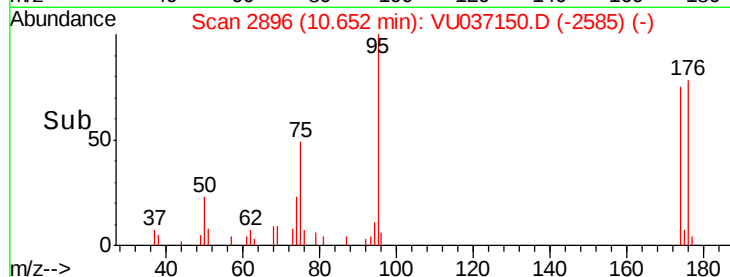
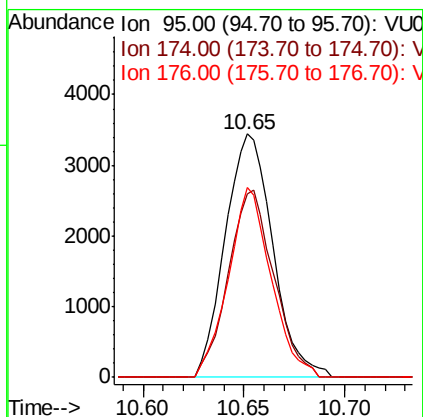
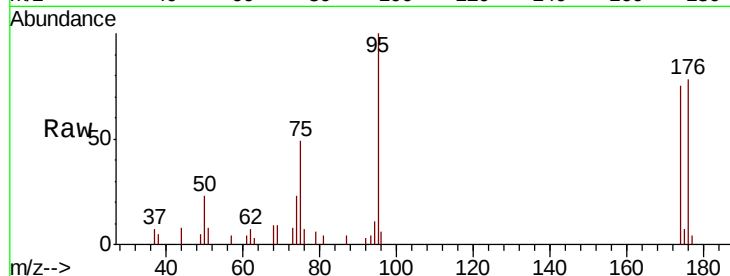




#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

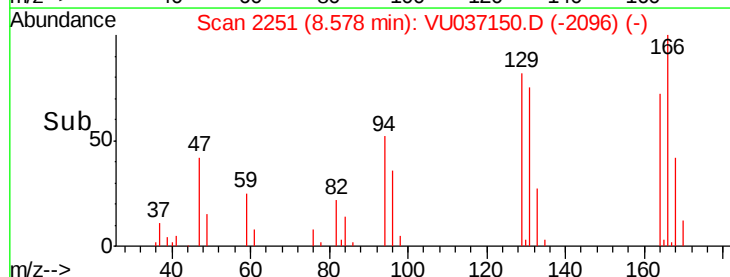
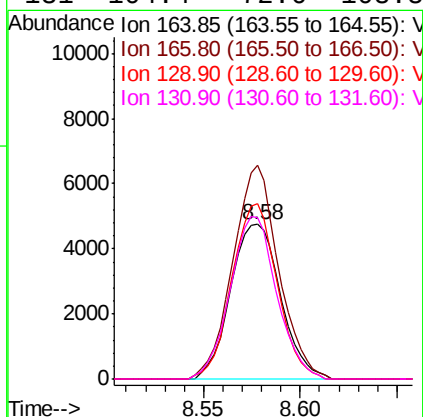
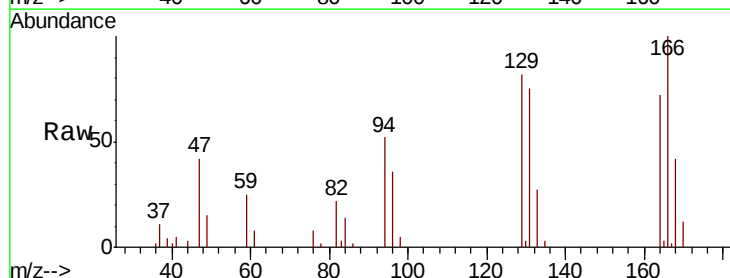
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

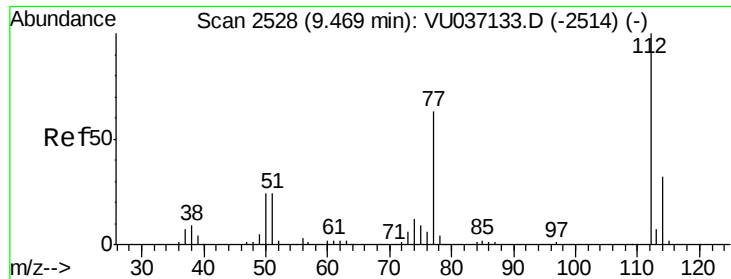
Tot Ion: 95 Resp: 5675
Ion Ratio Lower Upper
95 100
174 73.8 64.7 97.1
176 70.2 60.6 91.0



#58
Tetrachloroethene
Concen: 1.906 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion: 164 Resp: 8522
Ion Ratio Lower Upper
164 100
166 138.2 102.0 153.0
129 113.5 74.9 112.3#
131 104.4 72.6 108.8





#59

Chlorobenzene

Concen: 1.877 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

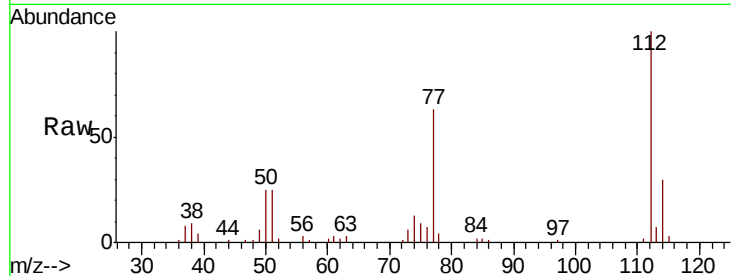
VU0310WBSD01

Tot Ion:112 Resp: 22966

Ion Ratio Lower Upper

112 100

114 29.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.47

15000

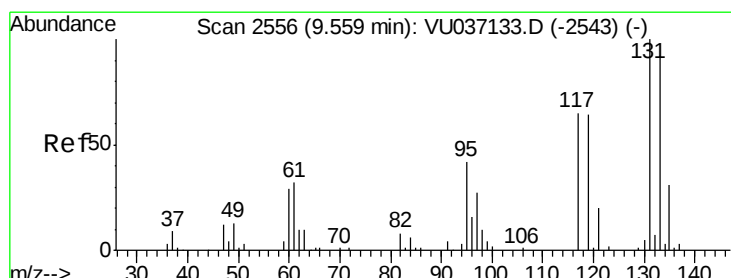
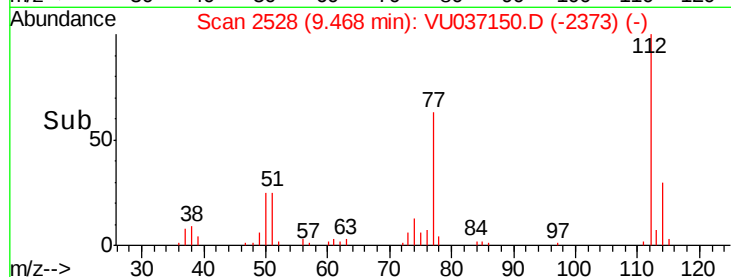
10000

5000

0

Time-->

9.40 9.45 9.50 9.55



#60

1,1,1,2-Tetrachloroethane

Concen: 2.005 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

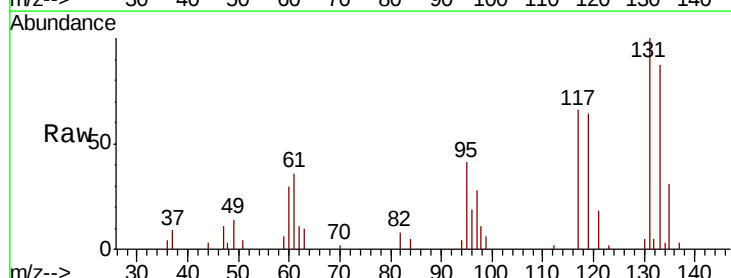
Tgt Ion:131 Resp: 8978

Ion Ratio Lower Upper

131 100

133 89.8 76.4 114.6

119 63.1 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

9.56

6000

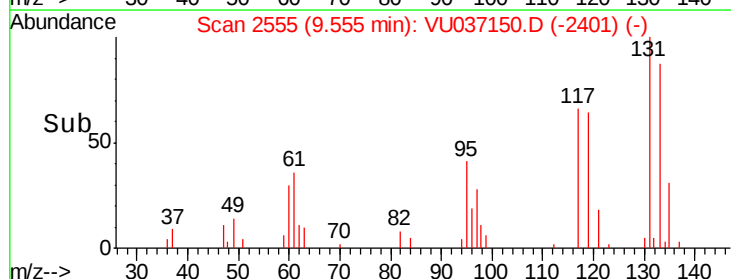
4000

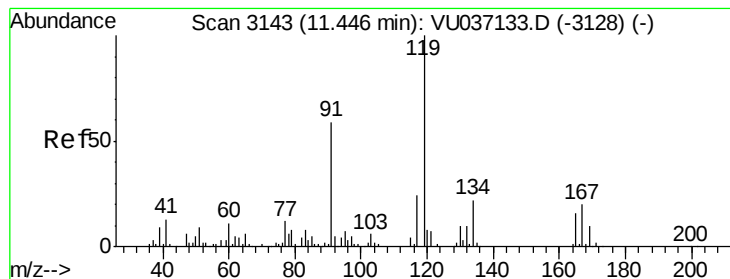
2000

0

Time-->

9.50 9.55 9.60





#61

Pentachloroethane

Concen: 2.108 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

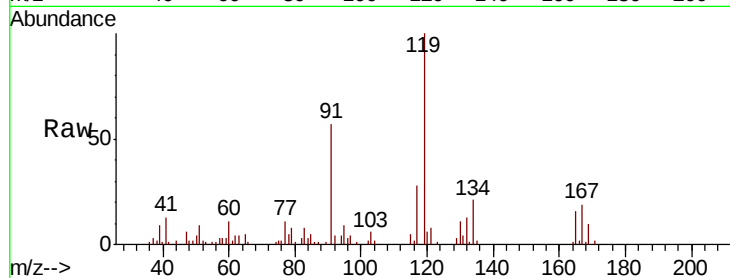
VU0310WBSD01

Tot Ion:117 Resp: 7203

Ion Ratio Lower Upper

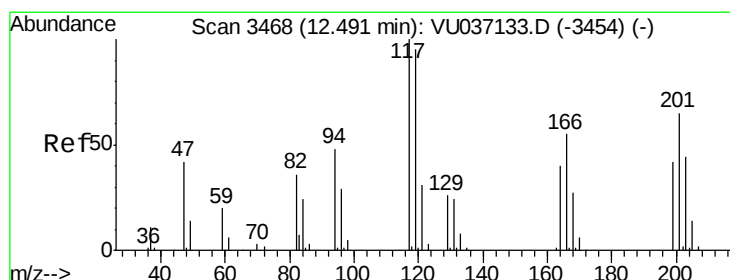
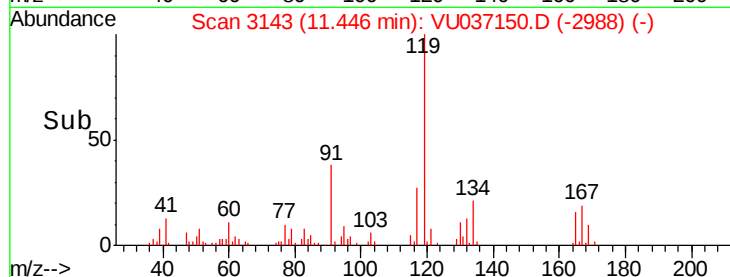
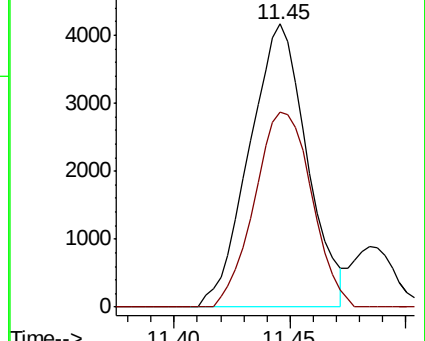
117 100

167 68.4 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: 1.930 ug/l

RT: 12.49 min Scan# 3467

Delta R.T. -0.00 min

Lab File: VU037150.D

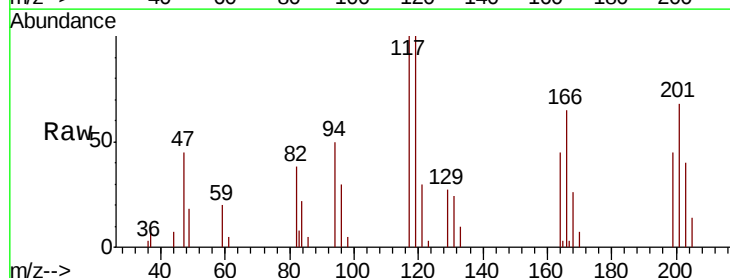
Acq: 10 Mar 2020 13:41

Tgt Ion:117 Resp: 7058

Ion Ratio Lower Upper

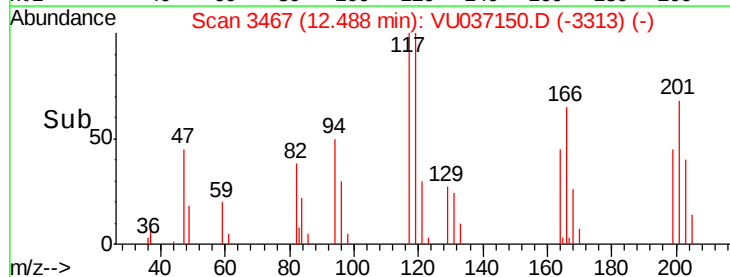
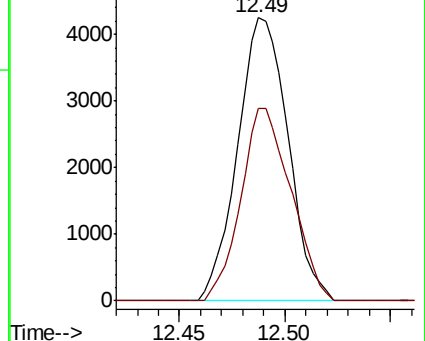
117 100

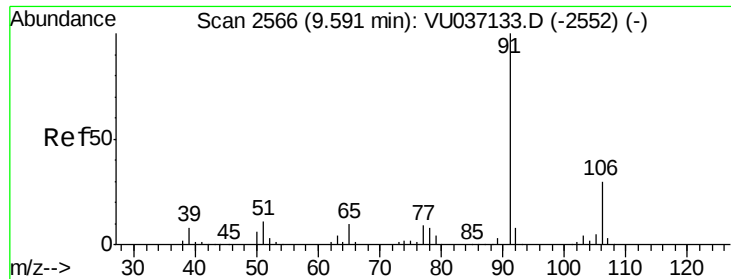
201 67.5 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.820 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

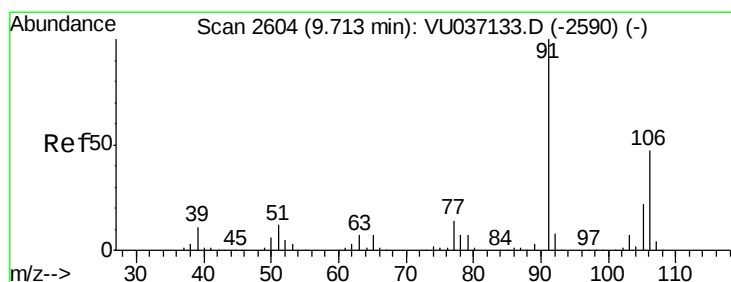
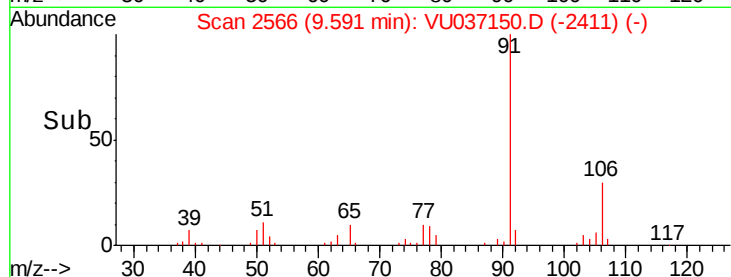
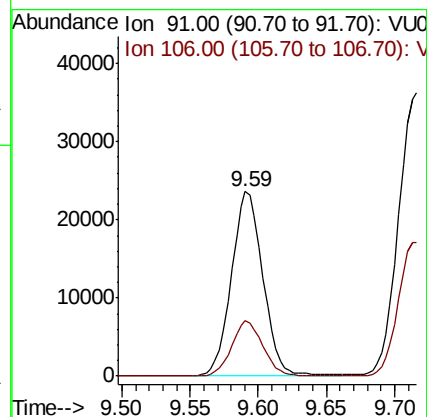
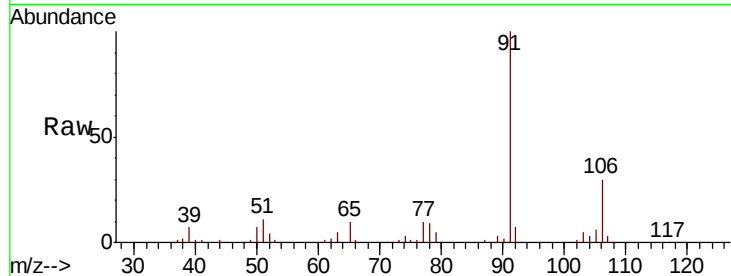
VU0310WBSD01

Tot Ion: 91 Resp: 38001

Ion Ratio Lower Upper

91 100

106 29.8 26.0 39.0



#64

m/p-Xylenes

Concen: 3.705 ug/l

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU037150.D

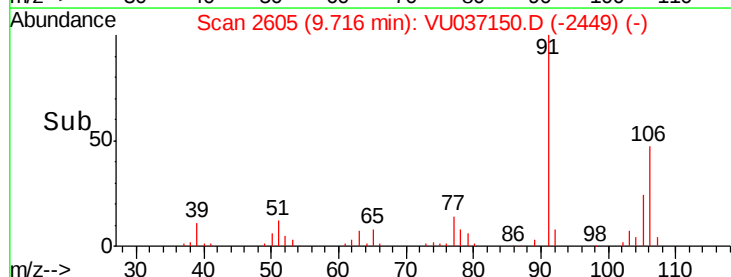
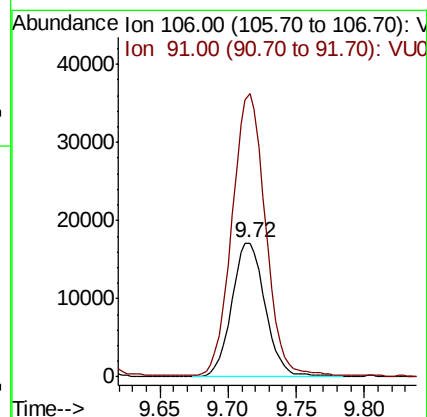
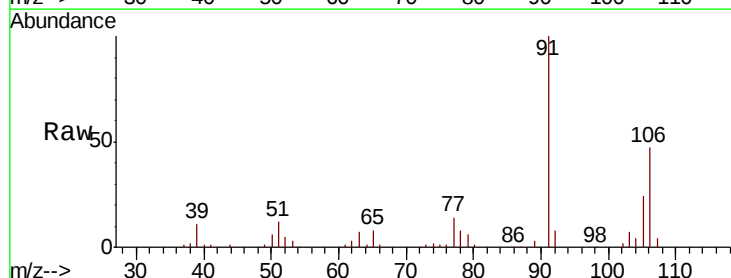
Acq: 10 Mar 2020 13:41

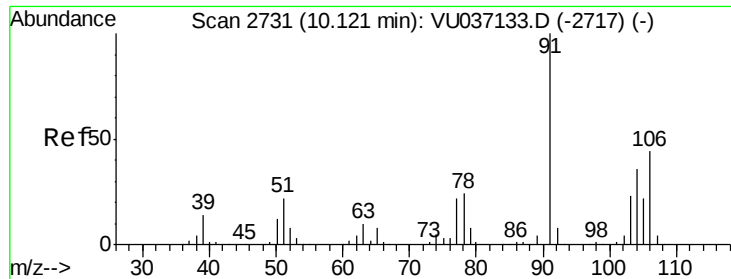
Tgt Ion: 106 Resp: 29294

Ion Ratio Lower Upper

106 100

91 209.6 158.2 237.4

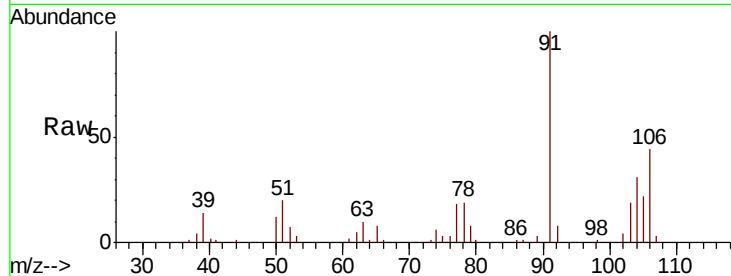




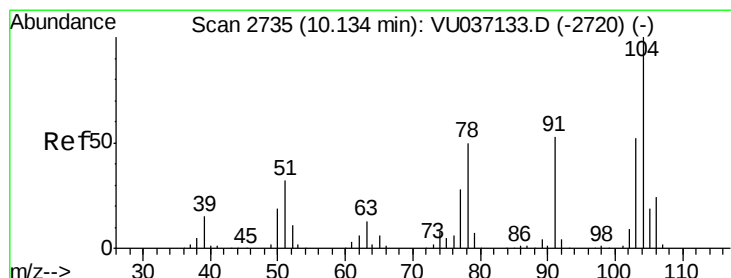
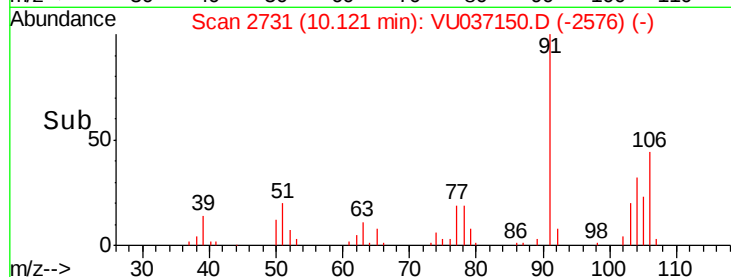
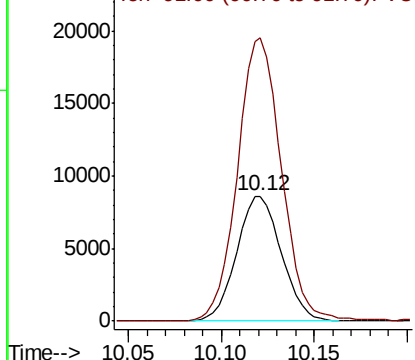
#65
o-Xylene
Concen: 1.882 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tot Ion:106 Resp: 14353
Ion Ratio Lower Upper
106 100
91 223.0 104.3 312.9

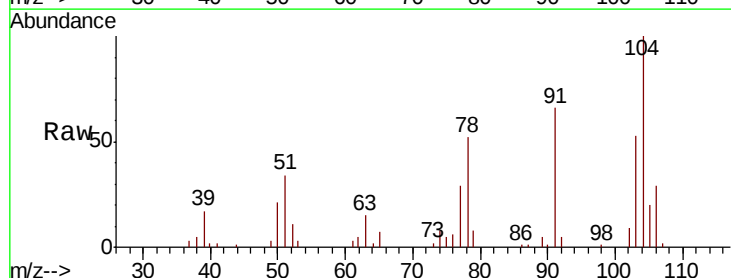


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

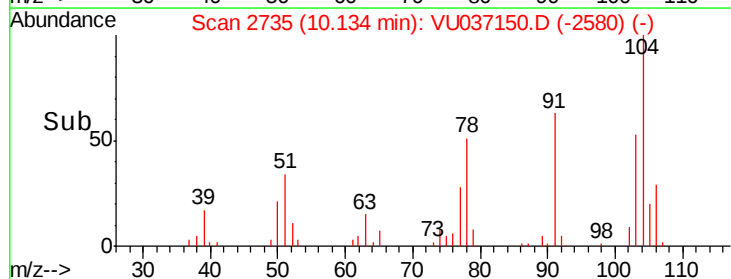
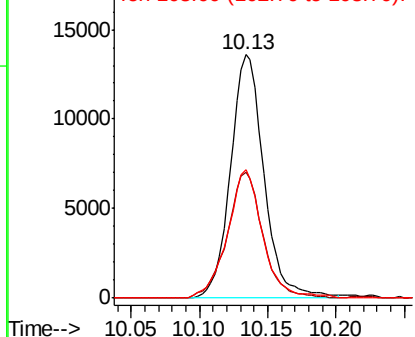


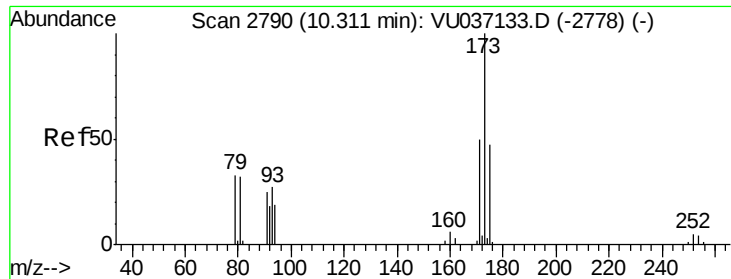
#66
Styrene
Concen: 1.856 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion:104 Resp: 23174
Ion Ratio Lower Upper
104 100
78 55.0 38.6 57.8
103 55.4 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: 1.979 ug/l

RT: 10.31 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

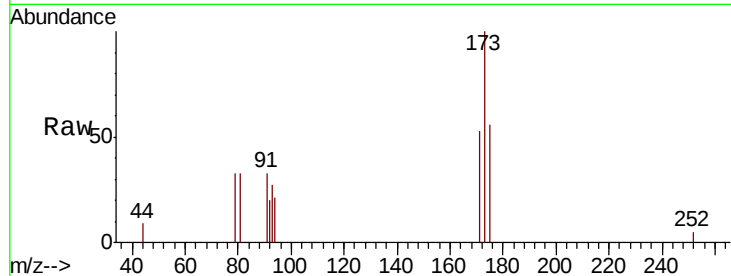
Tot Ion:173 Resp: 4406

Ion Ratio Lower Upper

173 100

175 46.9 38.3 57.5

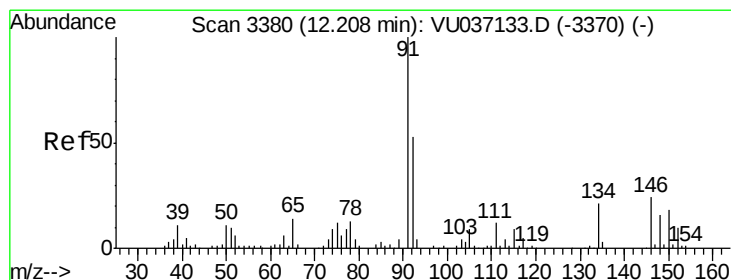
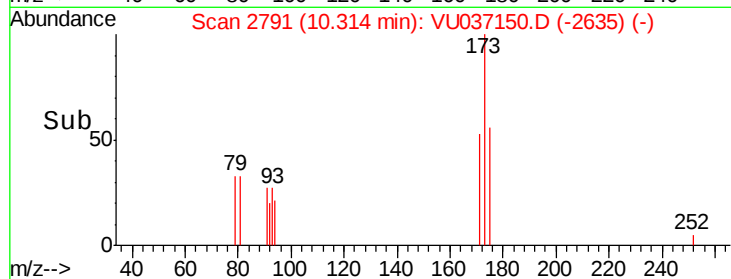
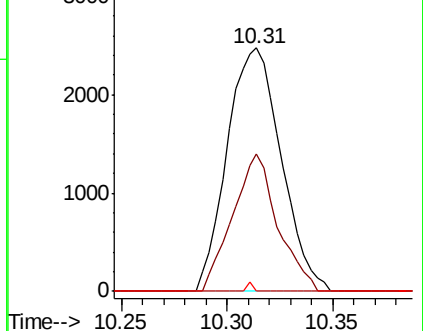
254 0.4 6.6 9.8#



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: 0.969 ug/l

RT: 12.21 min Scan# 3381

Delta R.T. 0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

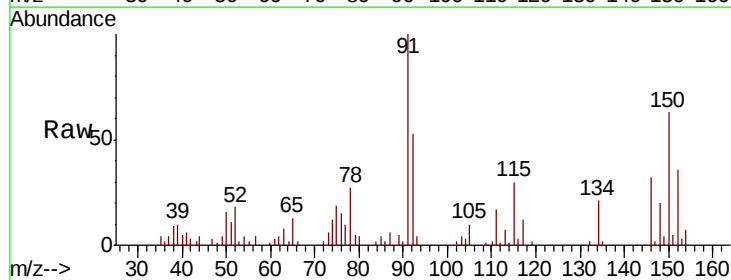
Tgt Ion:152 Resp: 5752

Ion Ratio Lower Upper

152 100

115 93.6 0.0 241.8

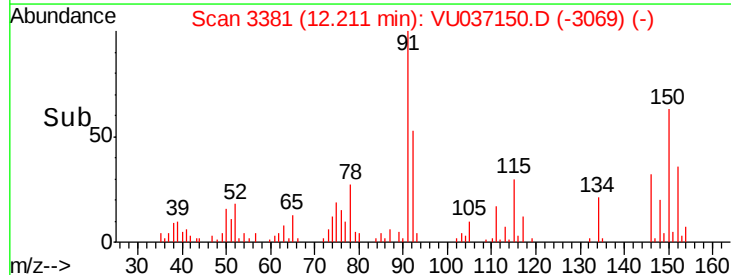
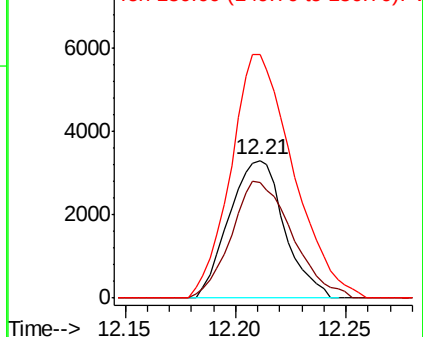
150 199.8 0.0 652.4

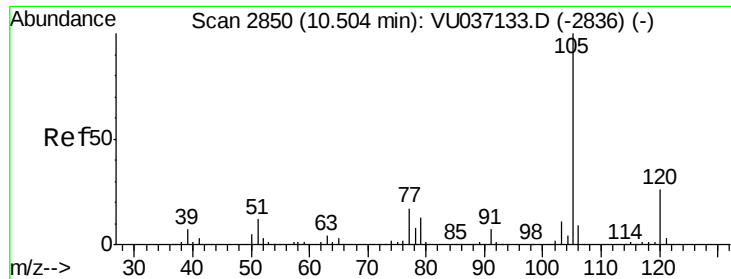


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.807 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

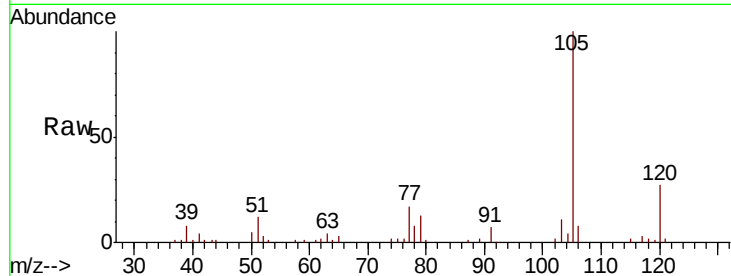
VU0310WBSD01

Tot Ion:105 Resp: 37579

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

5000

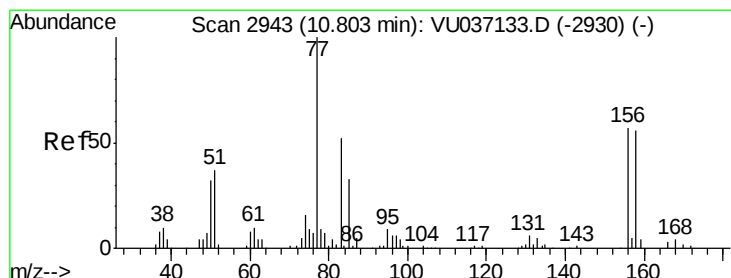
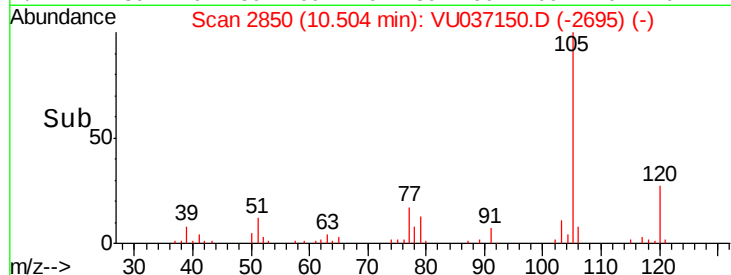
0

10.45

10.50

10.55

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 2.107 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

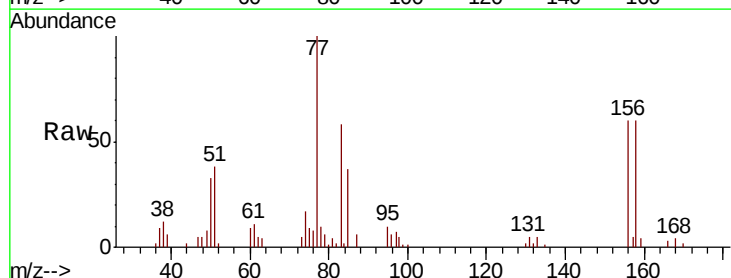
Tgt Ion: 83 Resp: 9443

Ion Ratio Lower Upper

83 100

131 8.8 7.8 11.8

85 60.3 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

6000

4000

2000

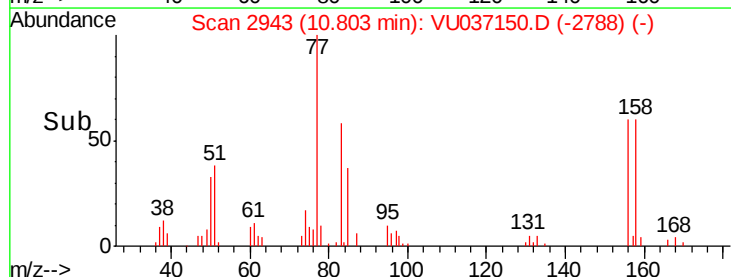
0

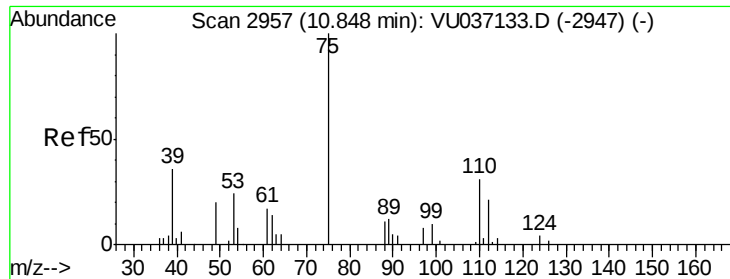
10.75

10.80

10.85

Time-->

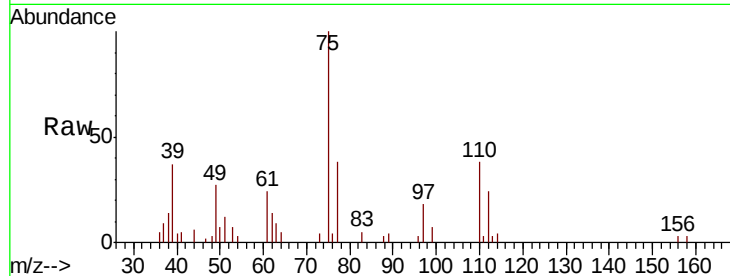




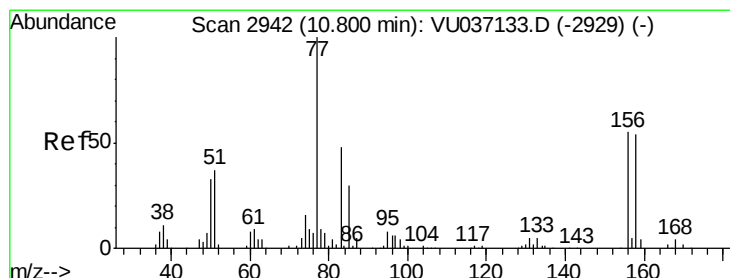
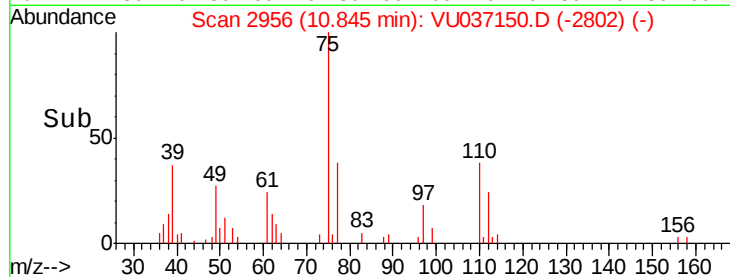
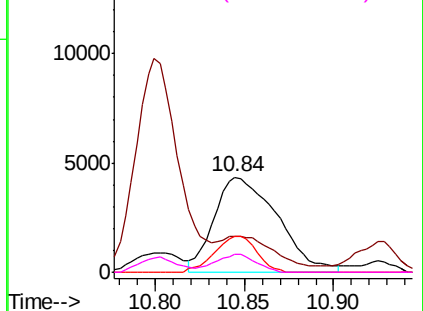
#71
 1,2,3-Trichloropropane
 Concen: 2.927 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Tot Ion:	75	Resp:	10723
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	129.6
110	25.0	0.0	77.4
97	11.9	0.0	42.0

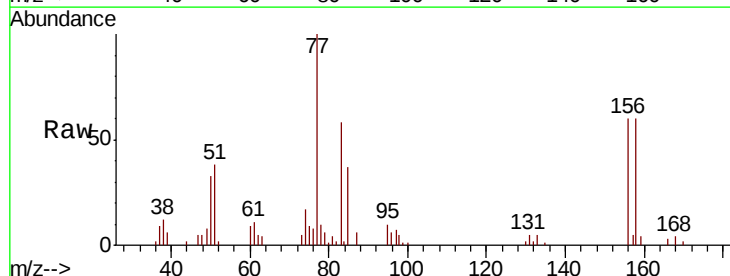


Abundance Ion 75.00 (74.70 to 75.70): VU037150.D (-2947) (-)
 Ion 77.00 (76.70 to 77.70): VU037150.D (-2947) (-)
 Ion 110.00 (109.70 to 110.70): VU037150.D (-2947) (-)
 Ion 97.00 (96.70 to 97.70): VU037150.D (-2947) (-)

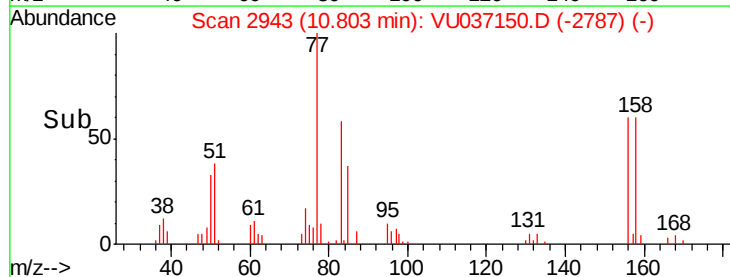
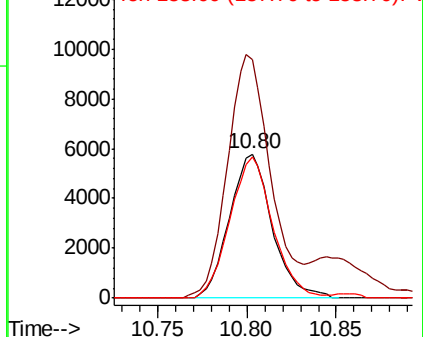


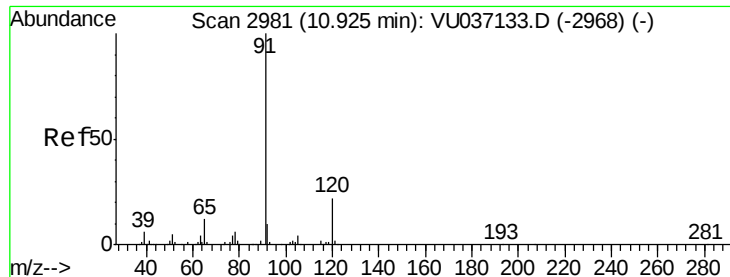
#72
 Bromobenzene
 Concen: 1.915 ug/l
 RT: 10.80 min Scan# 2943
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion:	156	Resp:	9636
Ion	Ratio	Lower	Upper
156	100		
77	171.2	0.0	306.6
158	99.0	0.0	192.0



Abundance Ion 156.00 (155.70 to 156.70): VU037150.D (-2929) (-)
 Ion 77.00 (76.70 to 77.70): VU037150.D (-2929) (-)
 Ion 158.00 (157.70 to 158.70): VU037150.D (-2929) (-)





#73

n-propylbenzene

Concen: 1.897 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

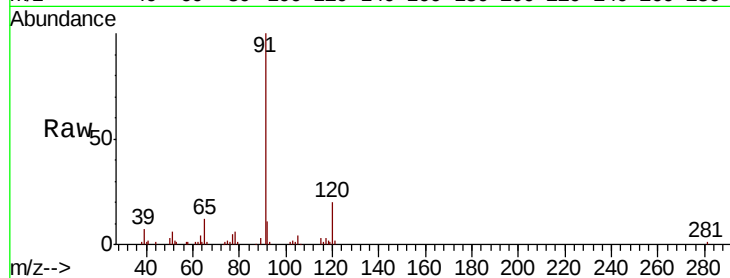
VU0310WBSD01

Tot Ion:120 Resp: 10458

Ion Ratio Lower Upper

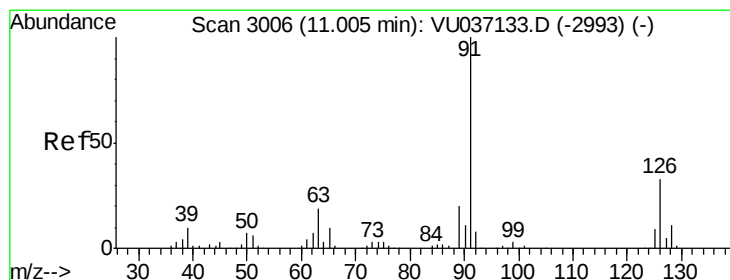
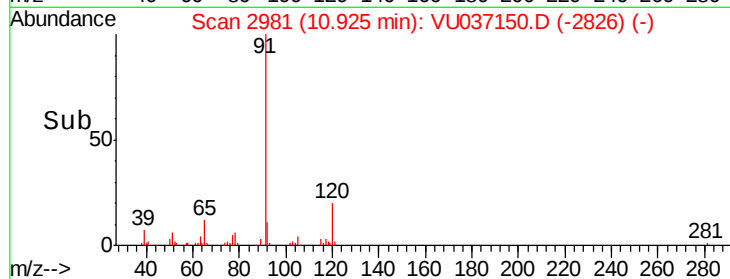
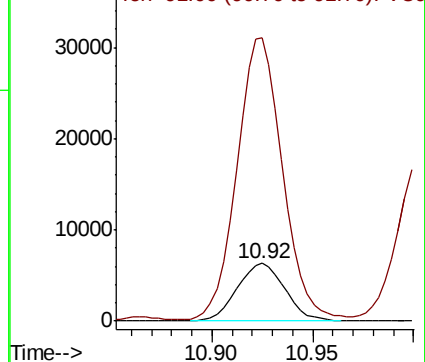
120 100

91 468.5 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.909 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU037150.D

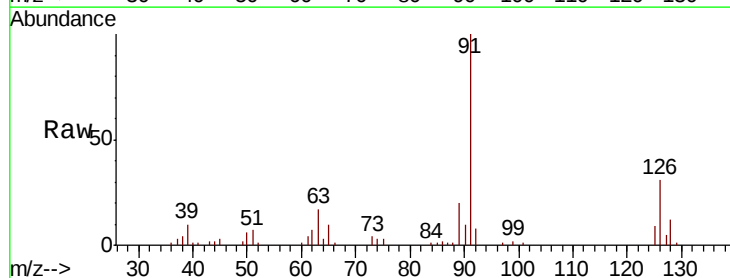
Acq: 10 Mar 2020 13:41

Tgt Ion:126 Resp: 9522

Ion Ratio Lower Upper

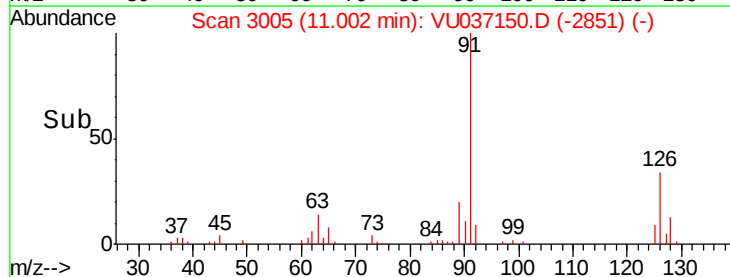
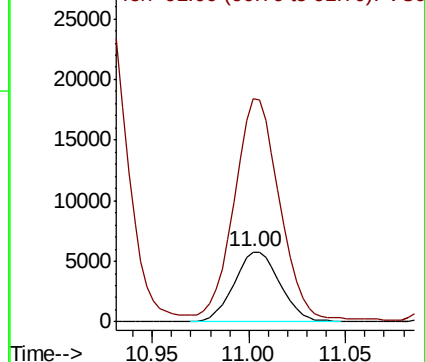
126 100

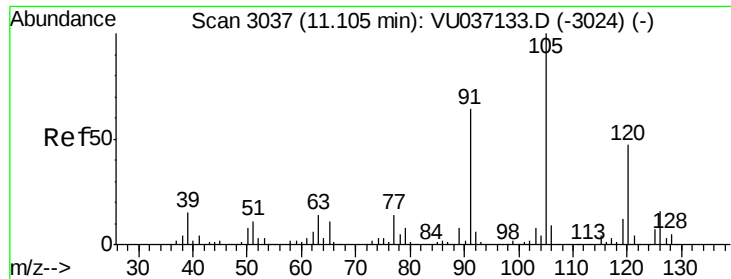
91 317.0 0.0 567.4



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: 1.919 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

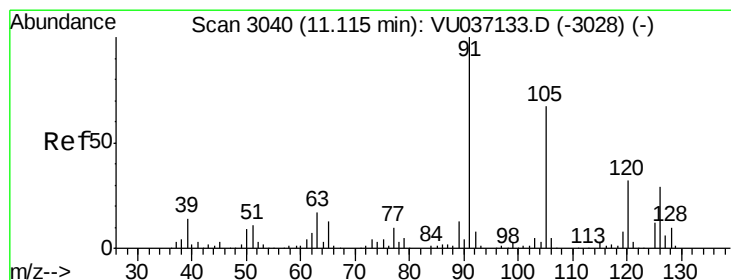
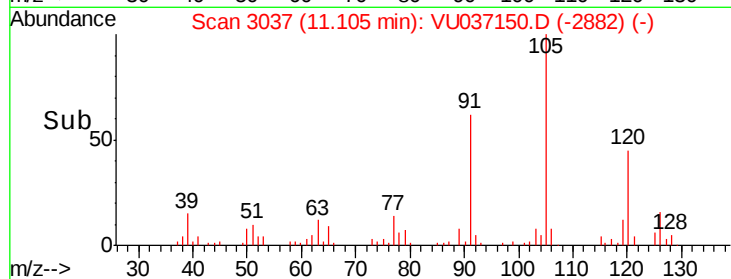
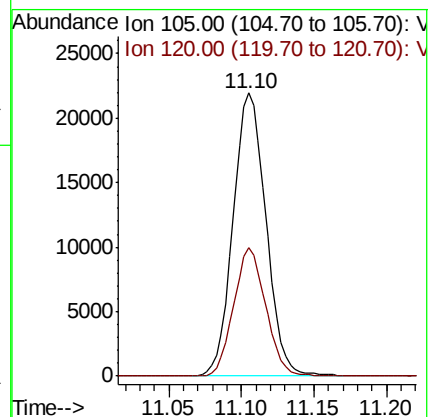
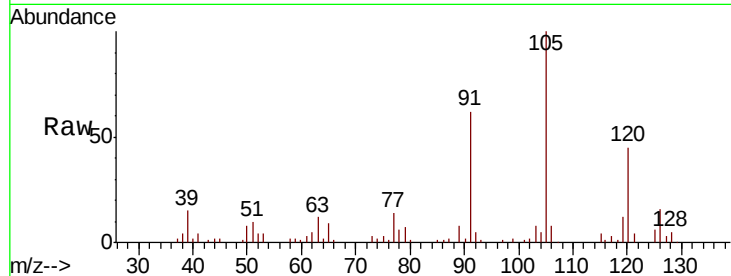
VU0310WBSD01

Tot Ion:105 Resp: 34550

Ion Ratio Lower Upper

105 100

120 44.1 39.8 59.8



#76

4-Chlorotoluene

Concen: 2.007 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU037150.D

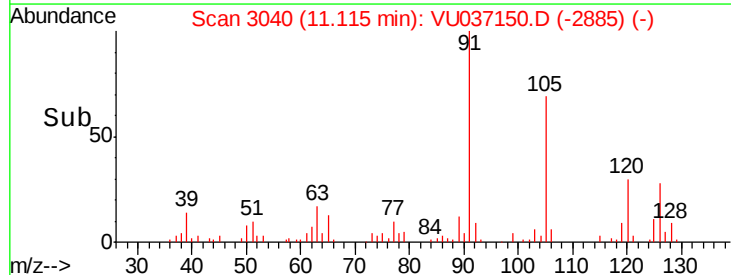
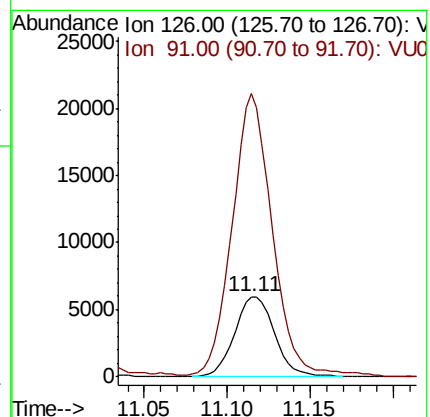
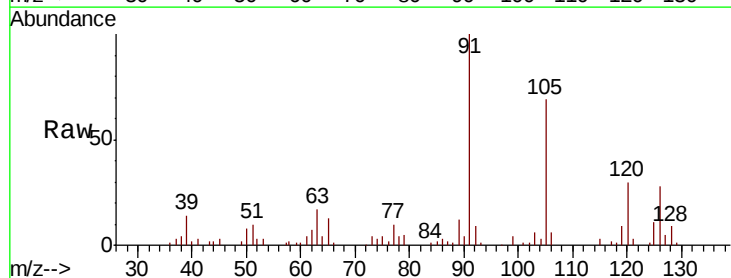
Acq: 10 Mar 2020 13:41

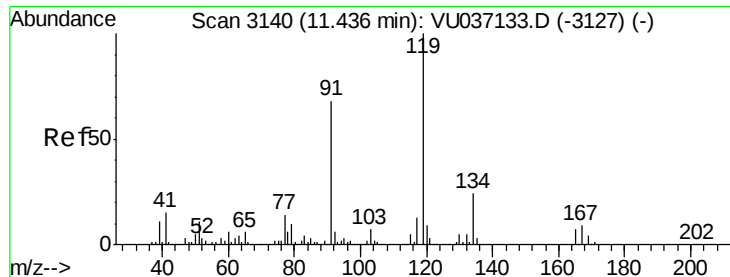
Tgt Ion:126 Resp: 10080

Ion Ratio Lower Upper

126 100

91 355.4 0.0 633.0

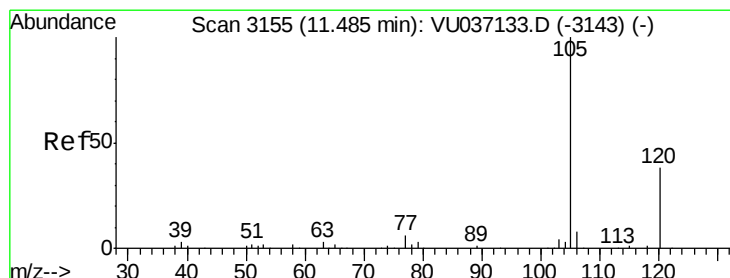
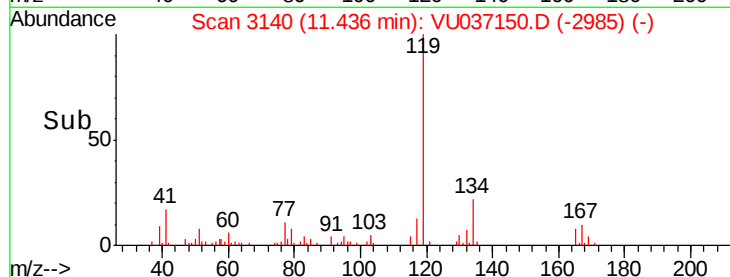
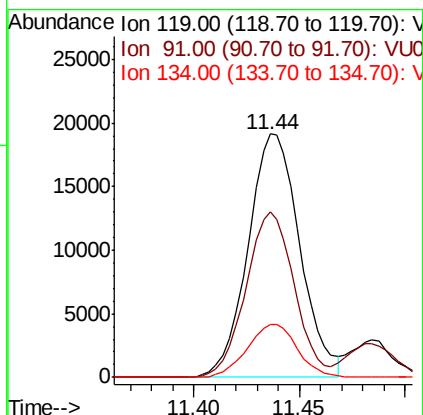
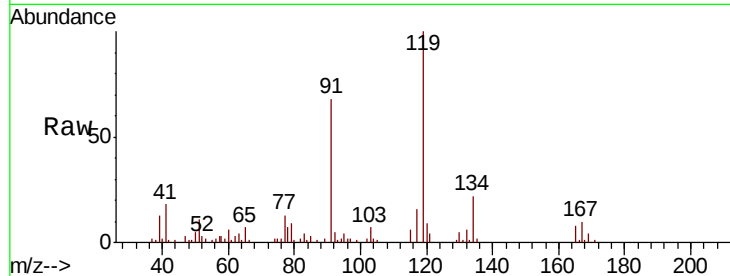




#77
 tert-Butylbenzene
 Concen: 1.861 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

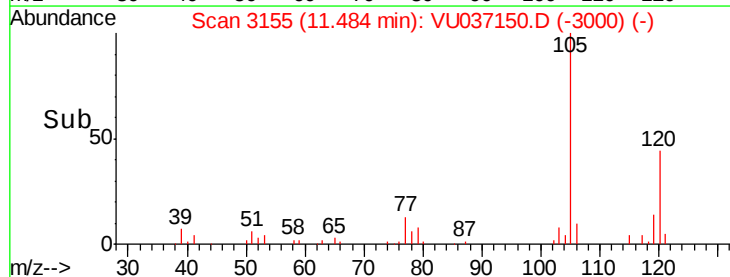
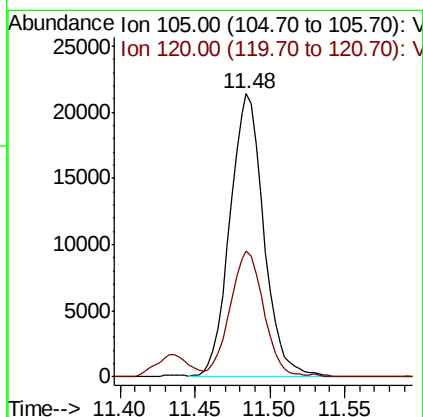
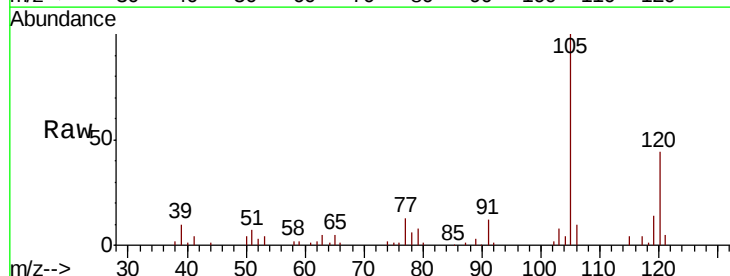
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

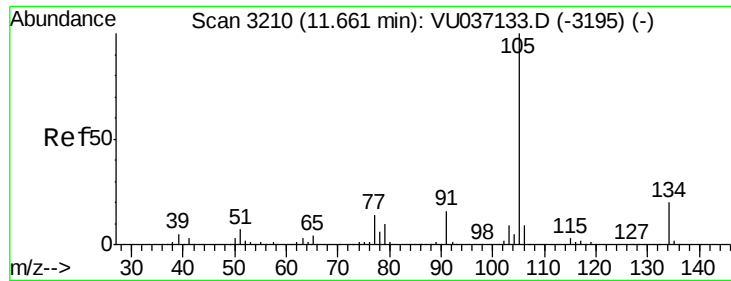
Tot Ion:119 Resp: 32654
 Ion Ratio Lower Upper
 119 100
 91 63.5 29.3 87.8
 134 21.1 19.0 28.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.856 ug/l
 RT: 11.48 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion:105 Resp: 33729
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.3 69.8





#79

sec-Butylbenzene

Concen: 1.853 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. -0.00 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

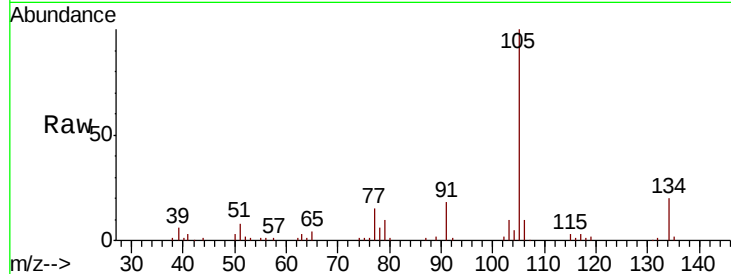
VU0310WBSD01

Tot Ion: 105 Resp: 44246

Ion Ratio Lower Upper

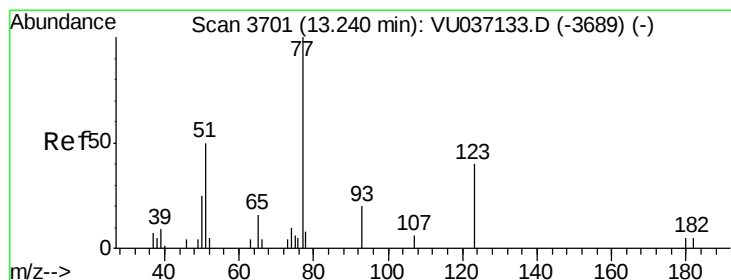
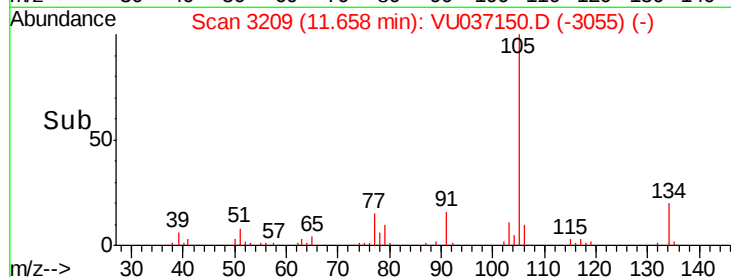
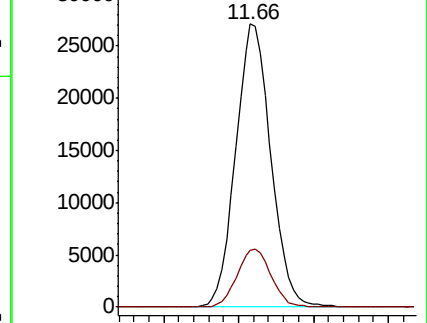
105 100

134 19.8 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 6.096 ug/l

RT: 13.25 min Scan# 3703

Delta R.T. 0.01 min

Lab File: VU037150.D

Acq: 10 Mar 2020 13:41

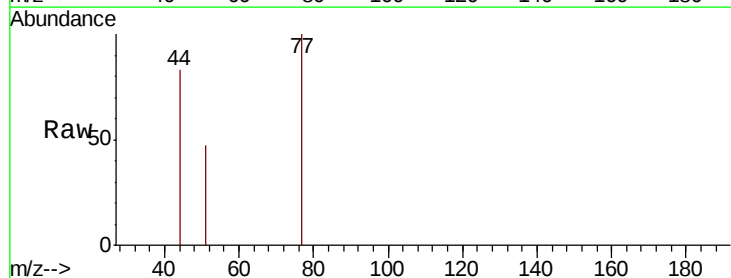
Tgt Ion: 77 Resp: 598

Ion Ratio Lower Upper

77 100

123 0.0 19.6 69.6#

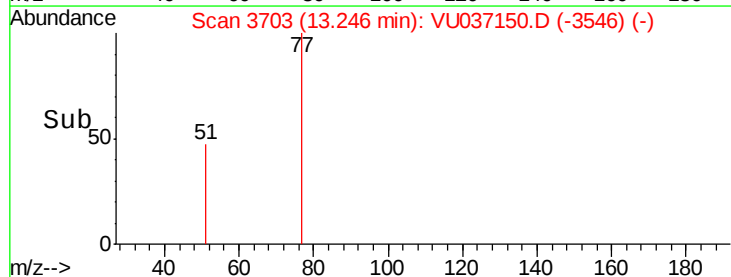
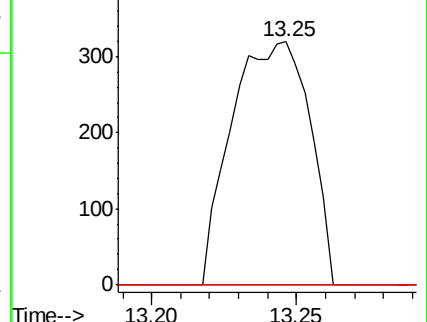
65 0.0 12.7 16.1#

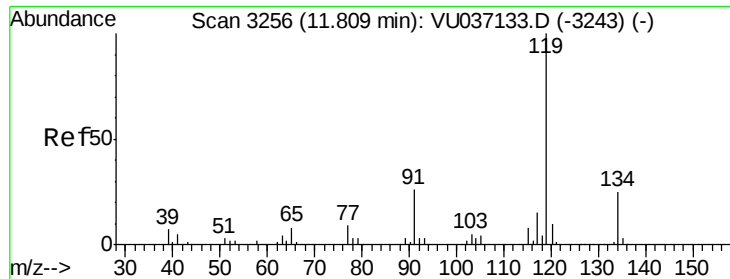


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

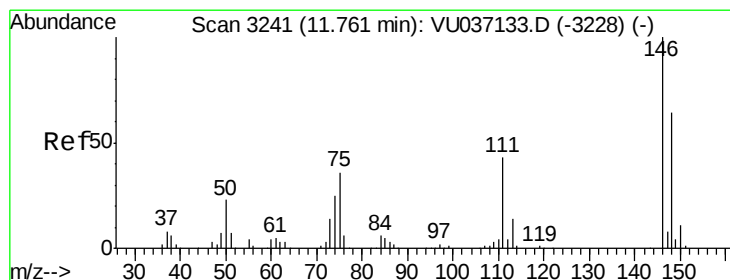
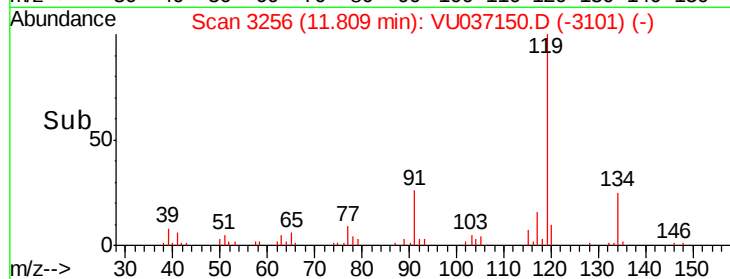
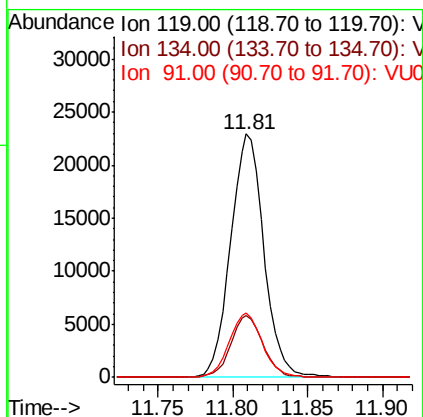
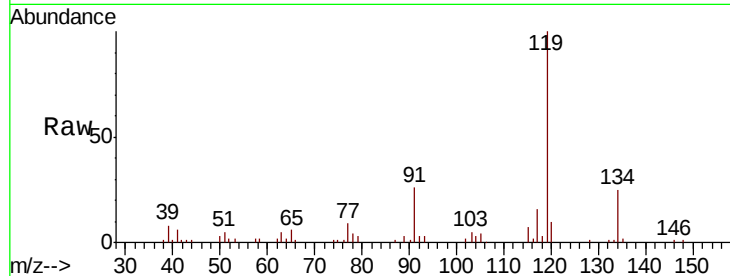




#81
 p-Isopropyltoluene
 Concen: 1.885 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

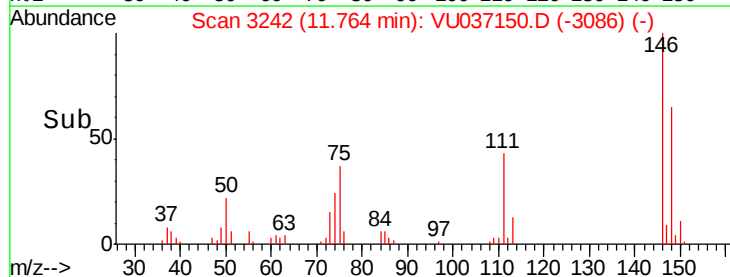
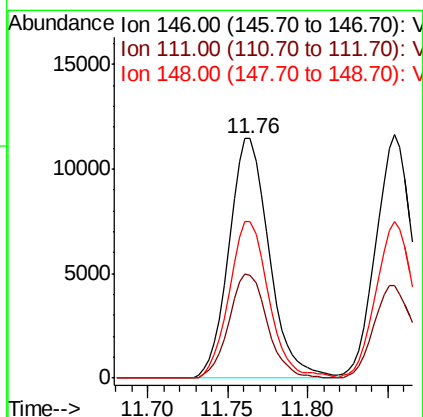
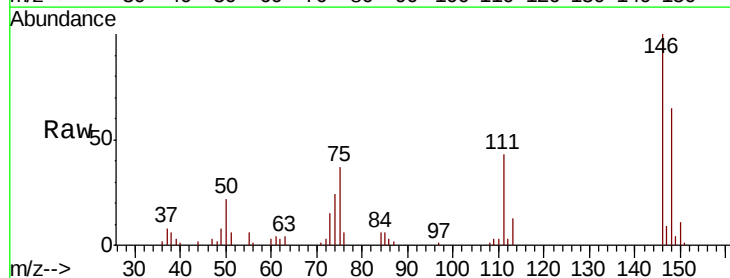
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

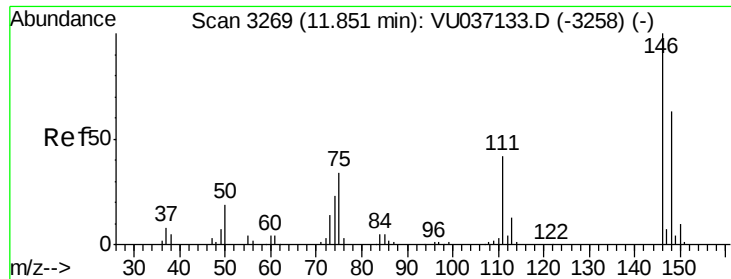
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.5	21.4	32.0
91	26.2	18.3	27.5



#82
 1,3-Dichlorobenzene
 Concen: 1.973 ug/l
 RT: 11.76 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	32.2	48.2
148	63.9	51.4	77.2

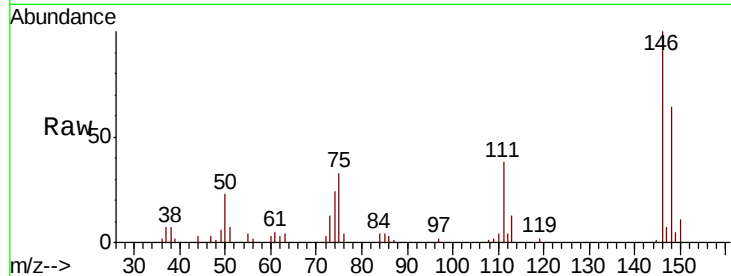




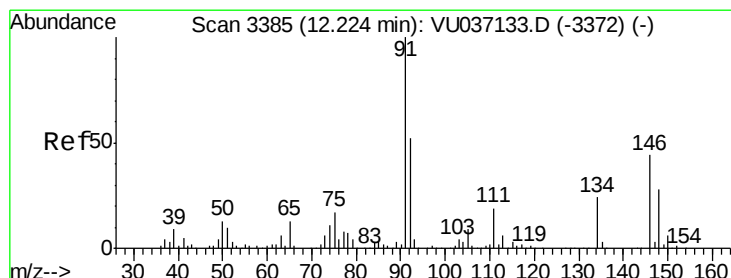
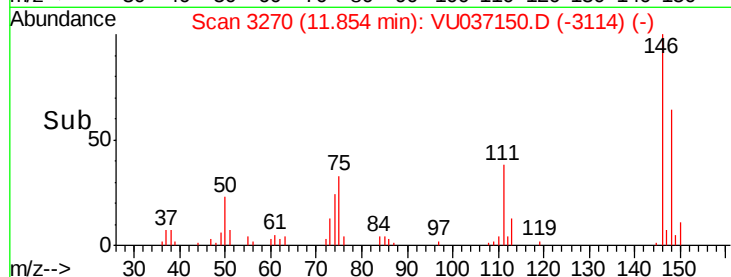
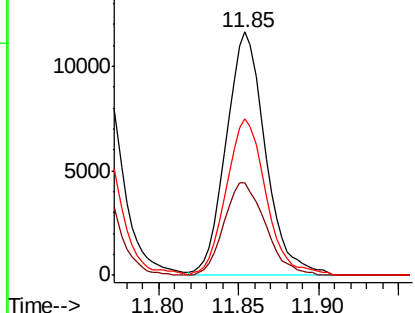
#83
 1,4-Dichlorobenzene
 Concen: 1.938 ug/l
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Tot Ion:146 Resp: 19576
 Ion Ratio Lower Upper
 146 100
 111 40.1 30.5 45.7
 148 64.7 51.0 76.4

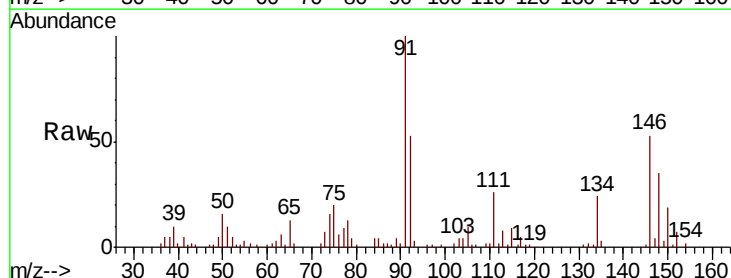


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

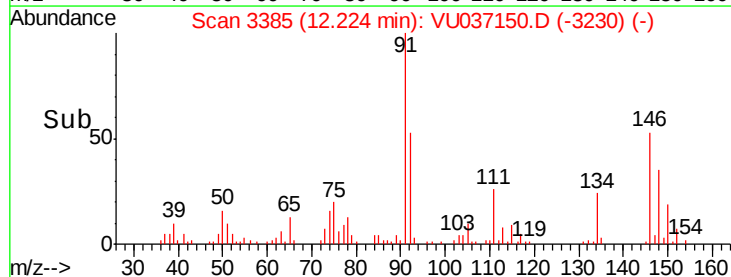
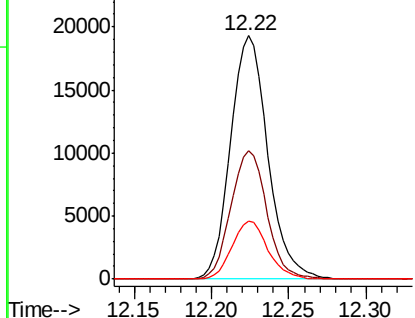


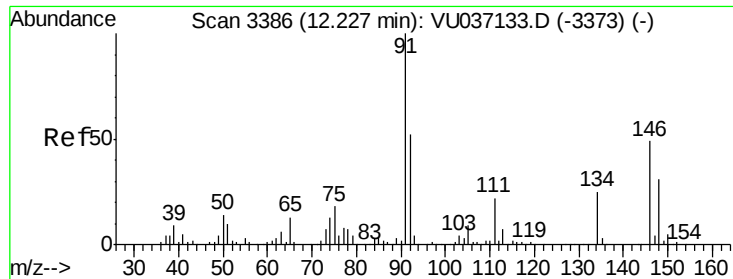
#84
 n-Butylbenzene
 Concen: 1.806 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion: 91 Resp: 32207
 Ion Ratio Lower Upper
 91 100
 92 50.8 42.9 64.3
 134 22.9 21.4 32.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

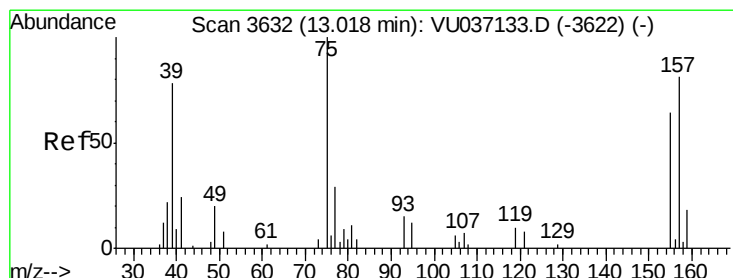
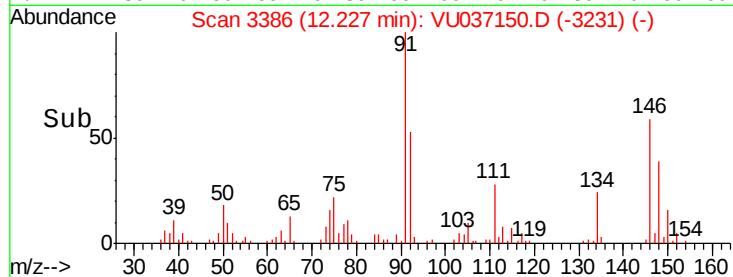
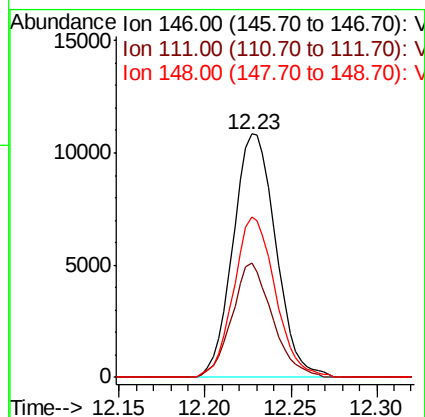
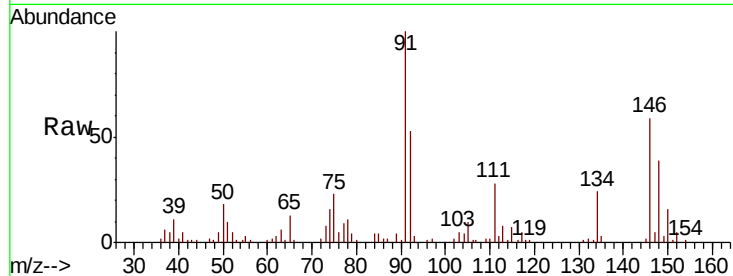




#85
 1,2-Dichlorobenzene
 Concen: 1.939 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

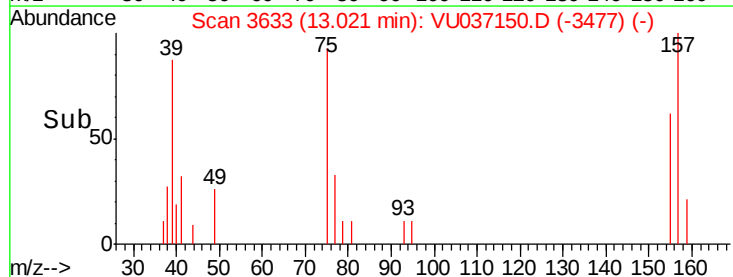
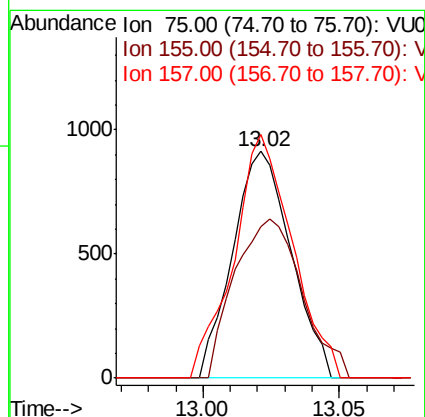
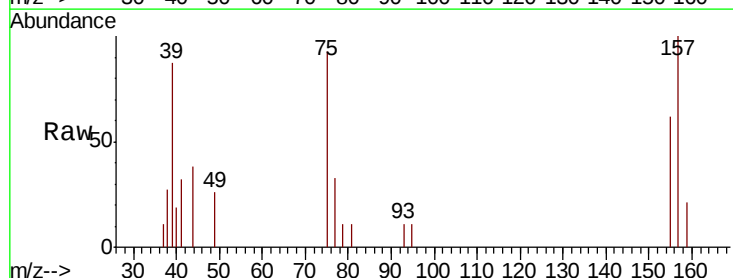
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

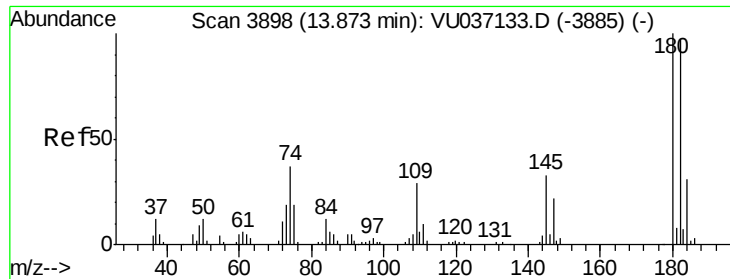
Tot Ion:146 Resp: 18708
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.8 62.4
 148 64.3 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.713 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion: 75 Resp: 1355
 Ion Ratio Lower Upper
 75 100
 155 81.4 71.8 107.8
 157 108.1 92.4 138.6

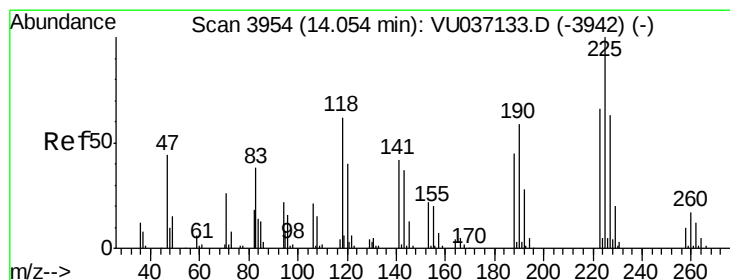
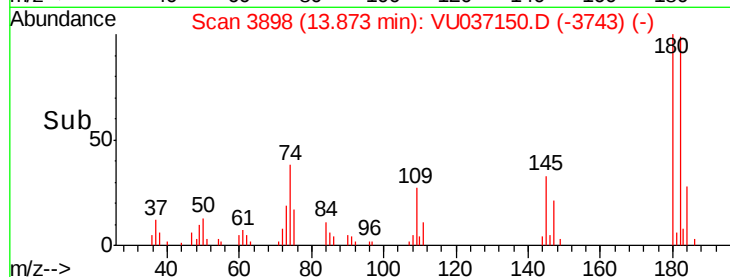
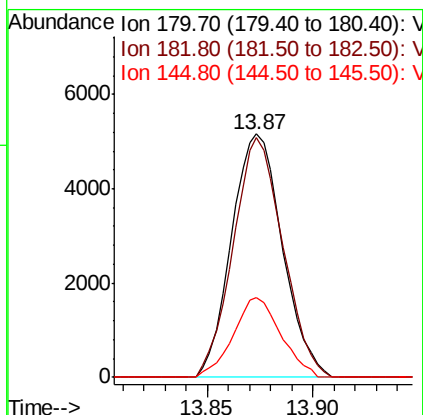
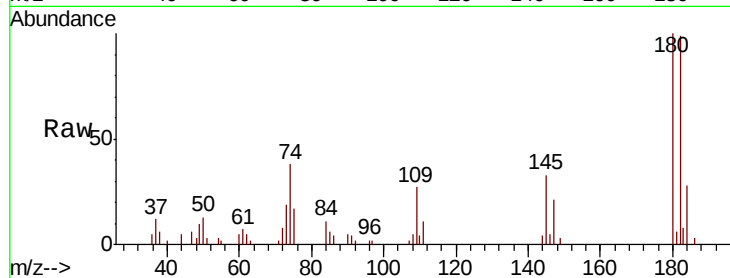




#87
 1,2,4-Trichlorobenzene
 Concen: 1.786 ug/l
 RT: 13.87 min Scan# 3898
 Delta R.T. -0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

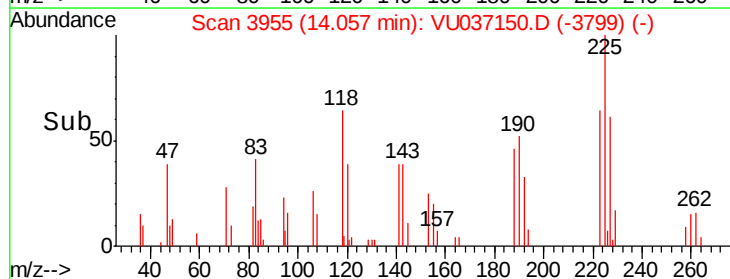
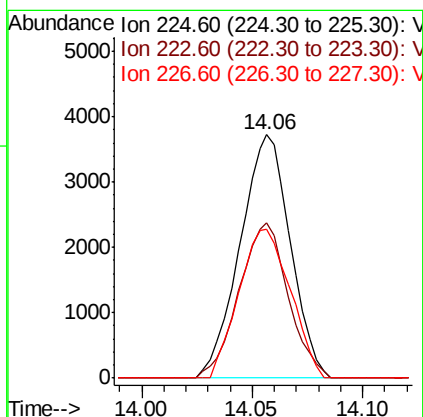
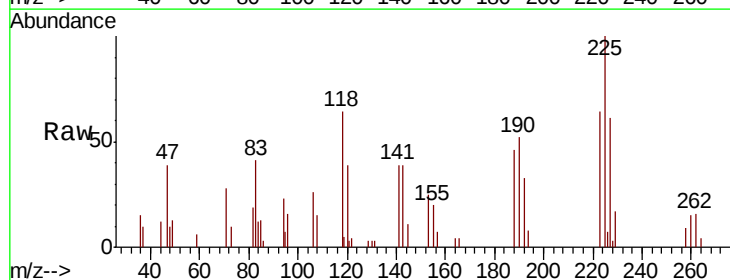
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

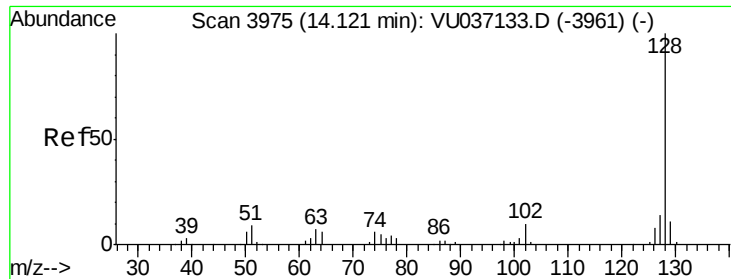
Tot Ion:180 Resp: 8658
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.9 113.9
 145 30.6 23.4 35.2



#88
 Hexachlorobutadiene
 Concen: 1.955 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU037150.D
 Acq: 10 Mar 2020 13:41

Tgt Ion:225 Resp: 5867
 Ion Ratio Lower Upper
 225 100
 223 62.5 51.7 77.5
 227 62.6 50.6 75.8

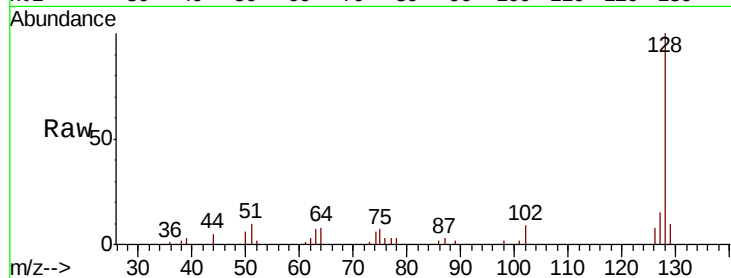




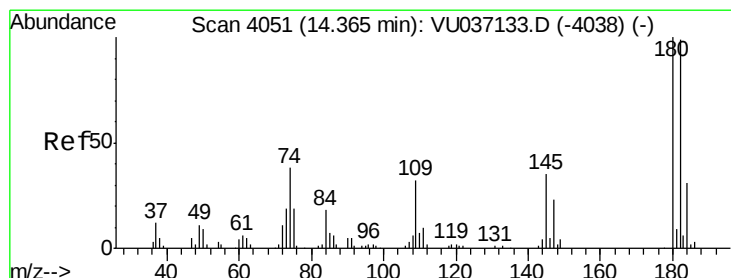
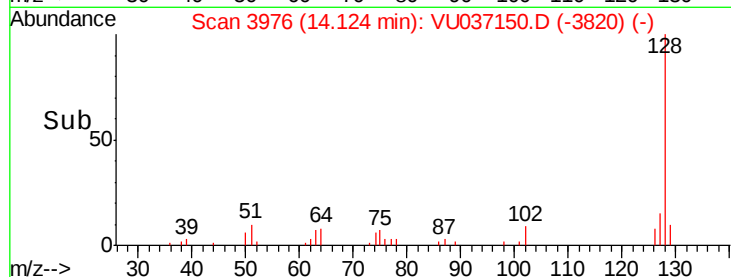
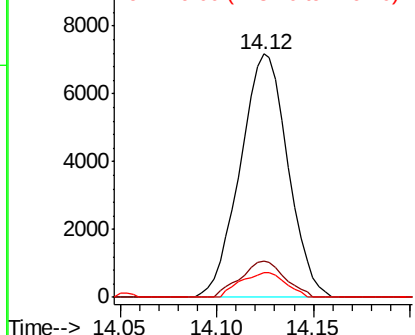
#89
Naphthalene
Concen: 1.650 ug/l
RT: 14.12 min Scan# 3976
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tot Ion:128 Resp: 12280
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 9.7 8.7 13.1

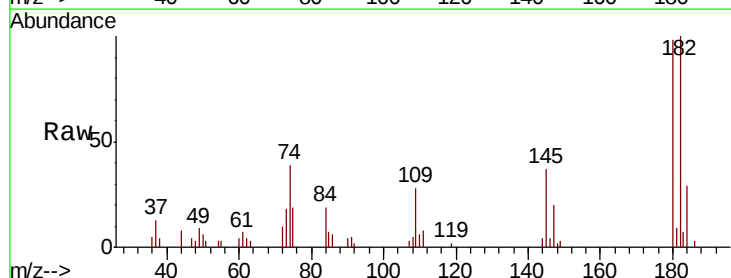


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.778 ug/l
RT: 14.37 min Scan# 4052
Delta R.T. 0.00 min
Lab File: VU037150.D
Acq: 10 Mar 2020 13:41

Tgt Ion:180 Resp: 8391
Ion Ratio Lower Upper
180 100
182 98.9 76.2 114.4
145 36.8 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

