

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031020\
 Data File : VU037143.D
 Acq On : 10 Mar 2020 09:41
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 10 09:59:42 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	16118	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	7609	1.22	ug/l	0.00
Spiked Amount 1.000			Recovery	=	122.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6363	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	79191	10.064	ug/l 97
3) Chloromethane	1.54	50	73394	9.382	ug/l 100
4) Vinyl Chloride	1.62	62	68203	9.919	ug/l 98
5) Bromomethane	1.87	94	22705	9.468	ug/l 99
6) Chloroethane	1.95	64	31699	9.622	ug/l 99
7) Trichlorofluoromethane	2.16	101	85220	10.199	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	40617	10.361	ug/l 94
9) 1,1-Dichloroethene	2.60	96	38648	10.369	ug/l 78
10) Iodomethane	2.75	142	30531	13.539	ug/l # 75
11) Allyl Chloride	2.95	41	73237	10.135	ug/l # 64
12) Acrylonitrile	3.36	53	21437	24.315	ug/l 97
13) Acetone	2.67	43	52724	53.805	ug/l # 80
14) Carbon Disulfide	2.82	76	125955	10.146	ug/l 99
15) Methylene Chloride	3.08	84	43009	9.191	ug/l # 79
16) trans-1,2-Dichloroethene	3.38	96	41251	10.421	ug/l 87
17) 1,1-Dichloroethane	3.91	63	92128	10.039	ug/l 98
18) 2-Butanone	4.77	43	80940	54.040	ug/l 97
19) Cyclohexane	5.42	56	74599	9.545	ug/l 96
20) Methylcyclohexane	6.79	83	81160	10.514	ug/l # 88
21) 2,2-Dichloropropane	4.71	77	85342	10.192	ug/l 95
22) cis-1,2-Dichloroethene	4.71	96	51587	10.522	ug/l 84
23) Diethyl Ether	2.40	59	32973	10.443	ug/l 89
24) tert-Butyl Alcohol	3.27	59	39789	115.259	ug/l 98
25) Methyl tert-Butyl Ether	3.41	73	115483	10.574	ug/l # 73
26) Bromochloromethane	5.02	128	22644	10.494	ug/l 83
27) Chloroform	5.13	83	96796	9.795	ug/l 99
28) 1,1,1-Trichloroethane	5.35	97	85476	10.146	ug/l 95
29) 1,1-Dichloropropene	5.56	75	72081	10.530	ug/l 97
30) Carbon Tetrachloride	5.56	117	76761	10.413	ug/l 99
31) Isopropyl Ether	4.05	45	149412	10.199	ug/l 86
32) Ethyl-t-butyl ether	4.56	59	143622	10.385	ug/l 94
33) Tert-Amyl methyl ether	5.98	73	125058	10.537	ug/l 99
34) Propionitrile	4.84	54	23219	58.940	ug/l # 96
35) Benzene	5.81	78	198088	10.186	ug/l 98
36) 1,2-Dichloroethane	5.83	62	71273	10.110	ug/l # 92
37) Trichloroethene	6.57	130	51951	10.181	ug/l 97
38) 1,2-Dichloropropane	6.83	63	55121	10.326	ug/l 99
39) Methacrylonitrile	5.02	41	20200	10.628	ug/l # 85
40) Methyl acrylate	4.90	55	29501	11.224	ug/l # 94
41) Tetrahydrofuran	5.11	42	20715	21.845	ug/l # 85
42) 1-Chlorobutane	5.49	56	103287	10.475	ug/l 85

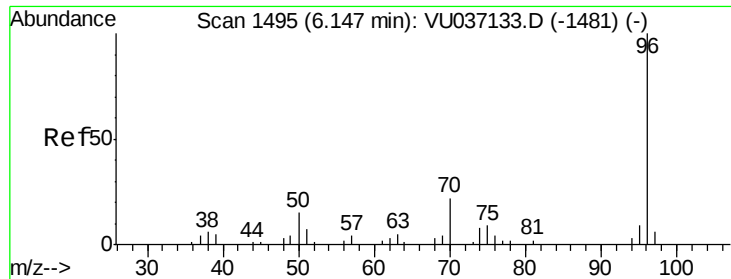
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031020\
 Data File : VU037143.D
 Acq On : 10 Mar 2020 09:41
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 10 09:59:42 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	30071	10.991	ug/l	89
44) Bromodichloromethane	7.14	83	74401	10.445	ug/l	100
45) 4-Methyl-2-Pentanone	7.83	43	200720	54.707	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.85	75	66936	66.654	ug/l #	70
47) Methyl methacrylate	7.00	69	52354	23.152	ug/l #	67
48) Ethyl methacrylate	8.36	69	49510	11.082	ug/l	71
49) Toluene	8.00	92	124196	10.576	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	69664	10.856	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	77511	10.576	ug/l #	79
52) 1,1,2-Trichloroethane	8.43	97	39261	10.756	ug/l	99
53) 1,3-Dichloropropane	8.60	76	67462	10.420	ug/l	100
54) 2-Hexanone	8.72	43	144230	57.062	ug/l	87
55) Dibromochloromethane	8.83	129	48702	10.779	ug/l	99
56) 1,2-Dibromoethane	8.95	107	37917	10.969	ug/l	98
58) Tetrachloroethene	8.58	164	48462	10.119	ug/l	93
59) Chlorobenzene	9.47	112	134560	10.266	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	49494	10.316	ug/l	97
61) Pentachloroethane	11.45	117	37134	10.145	ug/l	94
62) Hexachloroethane	12.49	117	41641	10.627	ug/l	83
63) Ethyl Benzene	9.59	91	243089	10.865	ug/l	95
64) m/p-Xylenes	9.72	106	186345	22.001	ug/l	90
65) o-Xylene	10.12	106	88796	10.865	ug/l	90
66) Styrene	10.13	104	152081	11.369	ug/l	95
67) Bromoform	10.31	173	26664	11.180	ug/l #	97
69) Isopropylbenzene	10.50	105	241471	10.840	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.80	83	51886	10.807	ug/l	95
71) 1,2,3-Trichloropropane	10.85	75	66936	17.053	ug/l	66
72) Bromobenzene	10.80	156	55389	10.276	ug/l	89
73) n-propylbenzene	10.92	120	67118	11.366	ug/l	81
74) 2-Chlorotoluene	11.01	126	58246	10.897	ug/l	89
75) 1,3,5-Trimethylbenzene	11.10	105	214585	11.126	ug/l	95
76) 4-Chlorotoluene	11.11	126	60297	11.206	ug/l	80
77) tert-Butylbenzene	11.44	119	199237	10.597	ug/l	92
78) 1,2,4-Trimethylbenzene	11.48	105	222922	11.450	ug/l	94
79) sec-Butylbenzene	11.66	105	278390	10.882	ug/l	99
80) Nitrobenzene	13.24	77	5068	48.225	ug/l	91
81) p-Isopropyltoluene	11.81	119	229656	11.390	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	112597	10.543	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	113888	10.525	ug/l	98
84) n-Butylbenzene	12.22	91	222313	11.639	ug/l	96
85) 1,2-Dichlorobenzene	12.23	146	108238	10.473	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	9664	11.405	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.88	180	61565	11.852	ug/l	97
88) Hexachlorobutadiene	14.06	225	33451	10.406	ug/l	100
89) Naphthalene	14.12	128	111261	10.482	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	59796	11.828	ug/l	98

(#) = 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: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 96 Resp: 16118

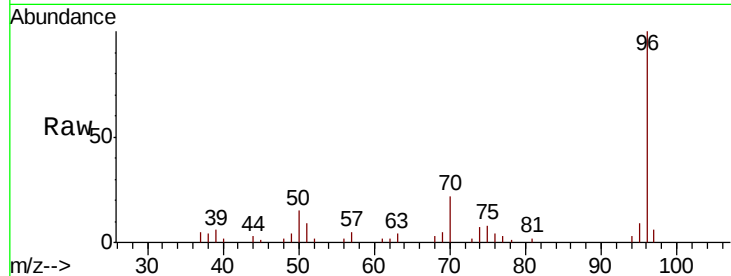
Ion Ratio Lower Upper

96 100

70 21.8 15.6 23.4

95 8.9 7.0 10.6

97 0.0 0.0 0.0

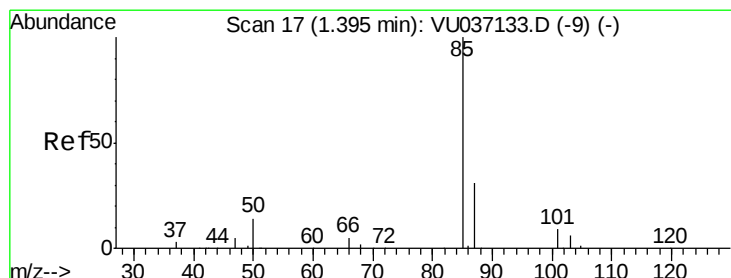
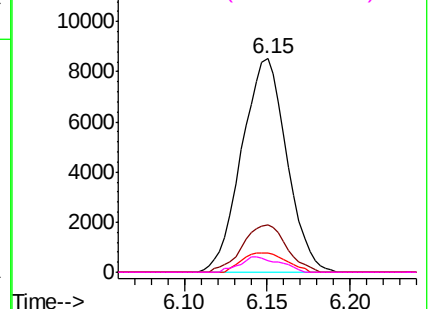
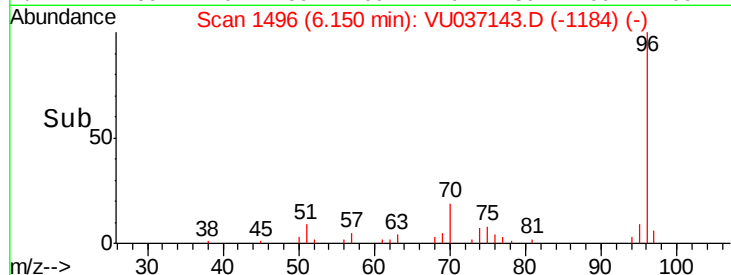


Abundance Ion 96.00 (95.70 to 96.70): VU037143.D (-1481) (-)

Ion 70.00 (69.70 to 70.70): VU037143.D (-1481) (-)

Ion 95.00 (94.70 to 95.70): VU037143.D (-1481) (-)

Ion 97.00 (96.70 to 97.70): VU037143.D (-1481) (-)



#2

Dichlorodifluoromethane

Concen: 10.064 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037143.D

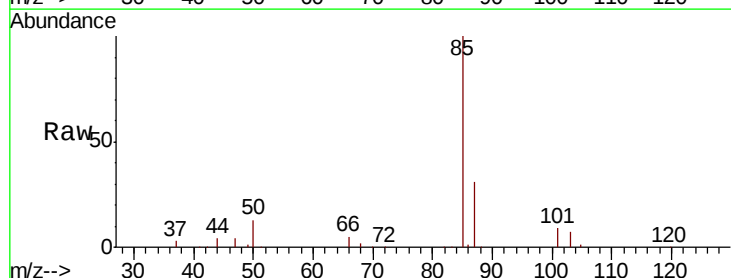
Acq: 10 Mar 2020 09:41

Tgt Ion: 85 Resp: 79191

Ion Ratio Lower Upper

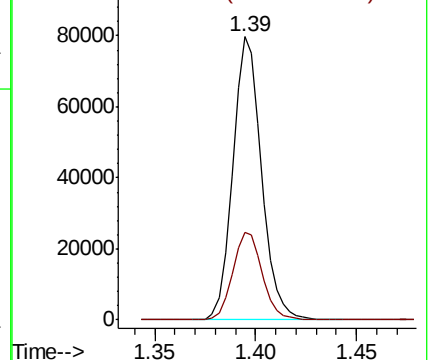
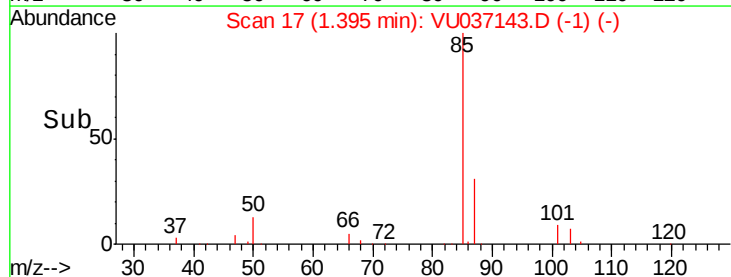
85 100

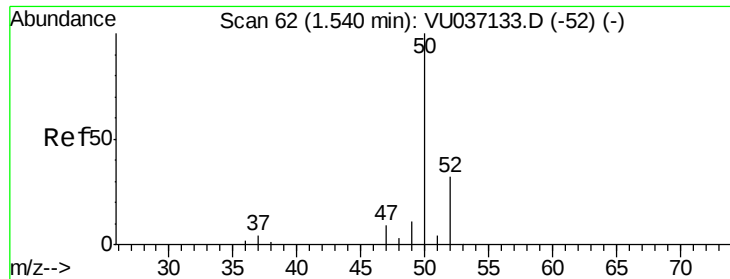
87 31.0 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU037143.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU037143.D (-9) (-)





#3

Chloromethane

Concen: 9.382 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

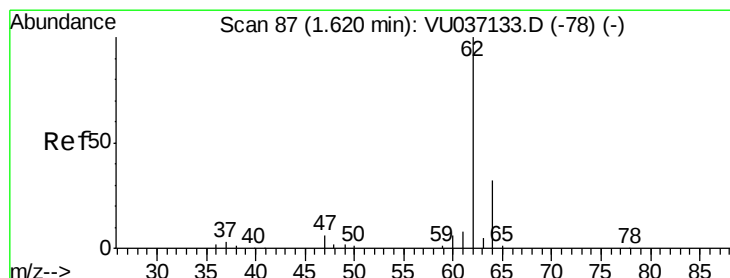
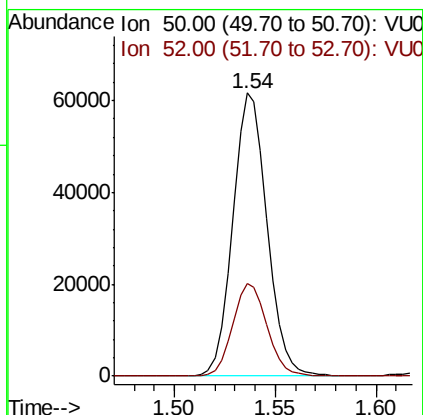
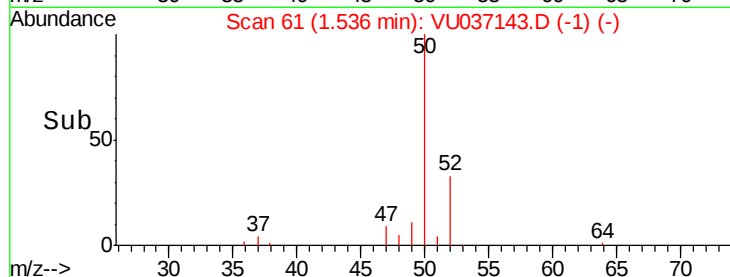
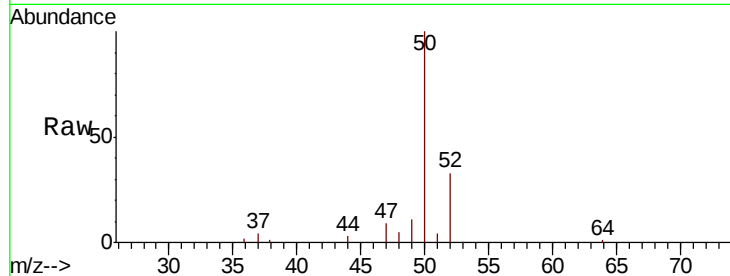
VSTDCCC010

Tot Ion: 50 Resp: 73394

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 9.919 ug/l

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU037143.D

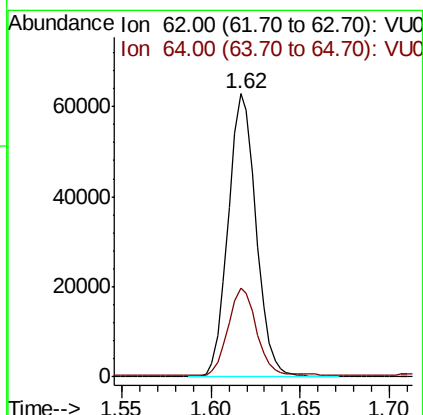
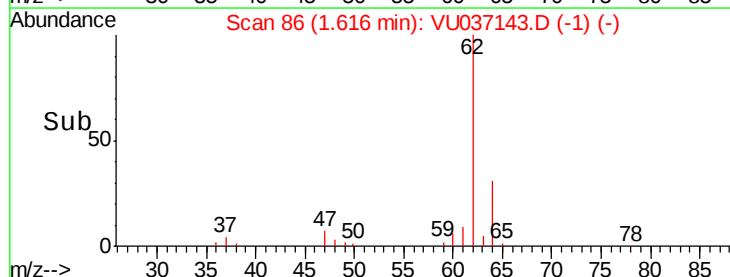
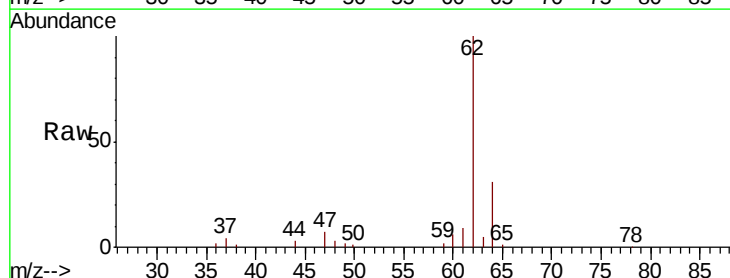
Acq: 10 Mar 2020 09:41

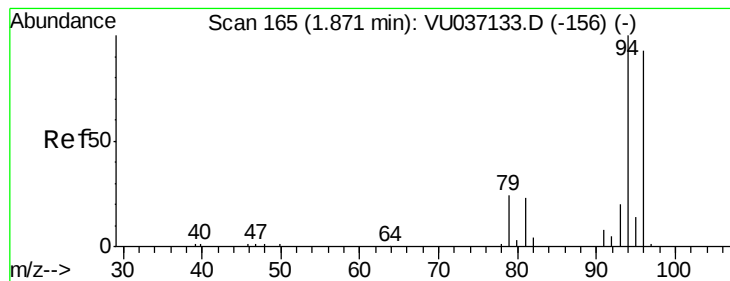
Tgt Ion: 62 Resp: 68203

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.2





#5

Bromomethane

Concen: 9.468 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

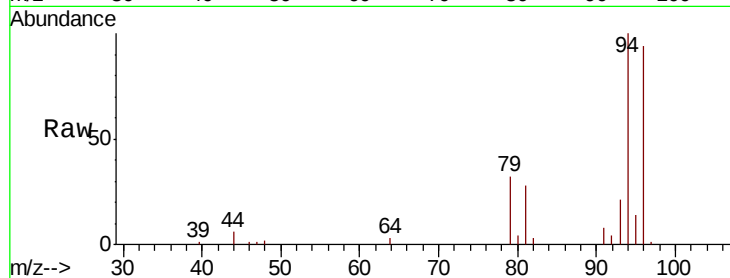
VSTDCCC010

Tot Ion: 94 Resp: 22705

Ion Ratio Lower Upper

94 100

96 94.1 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VU037143.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU037143.D (-156) (-)

1.87

20000

15000

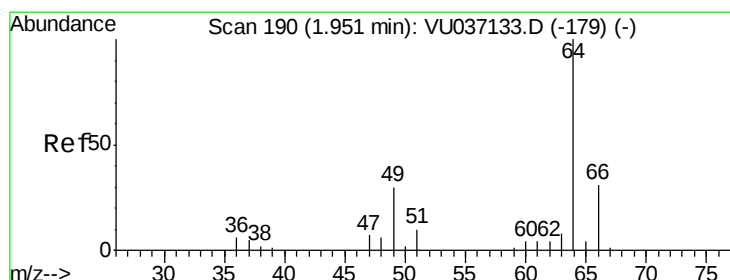
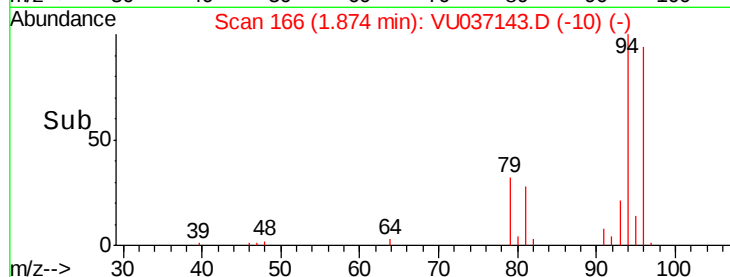
10000

5000

0

1.85 1.90 1.95

Time-->



#6

Chloroethane

Concen: 9.622 ug/l

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU037143.D

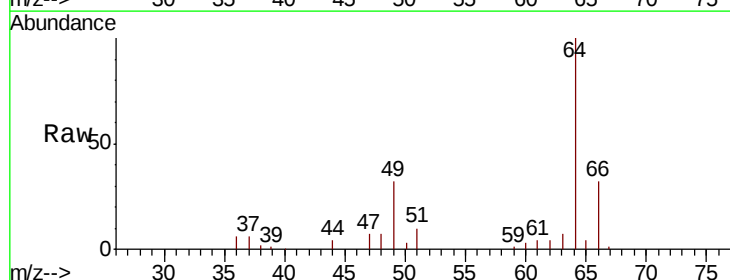
Acq: 10 Mar 2020 09:41

Tgt Ion: 64 Resp: 31699

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU037143.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU037143.D (-179) (-)

1.95

25000

20000

15000

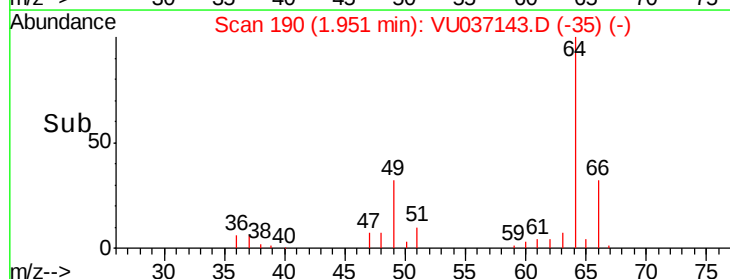
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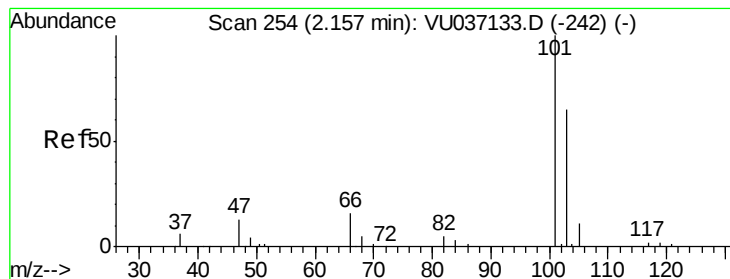
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0

1.90 1.95 2.00

Time-->



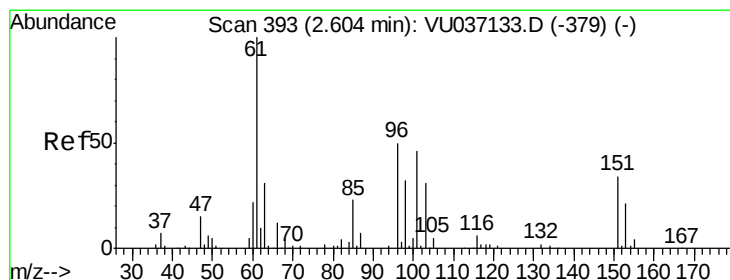
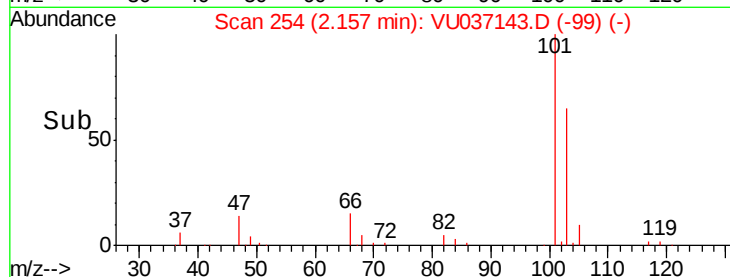
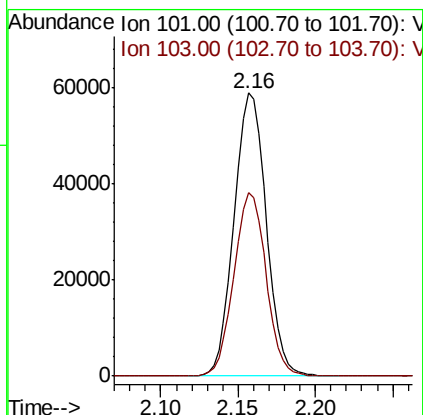
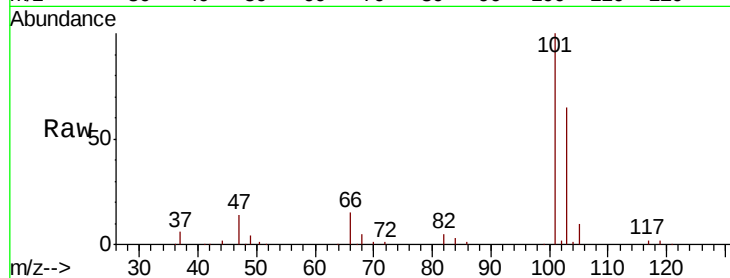


#7

Trichlorofluoromethane
Concen: 10.199 ug/l
RT: 2.16 min Scan# 254
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

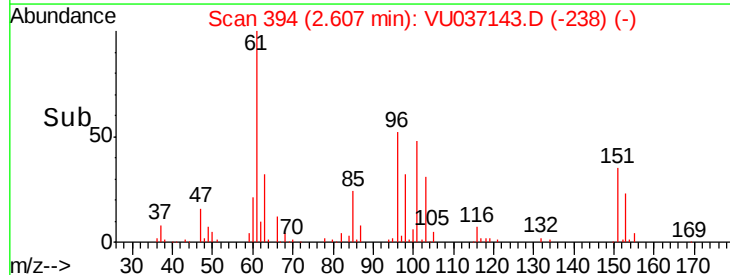
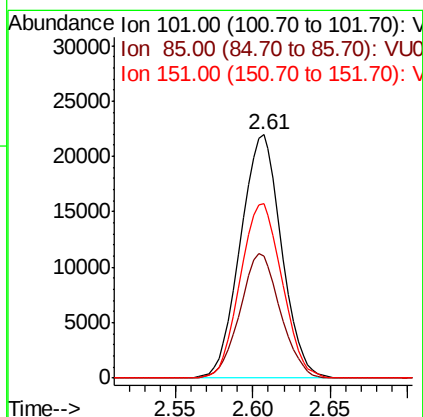
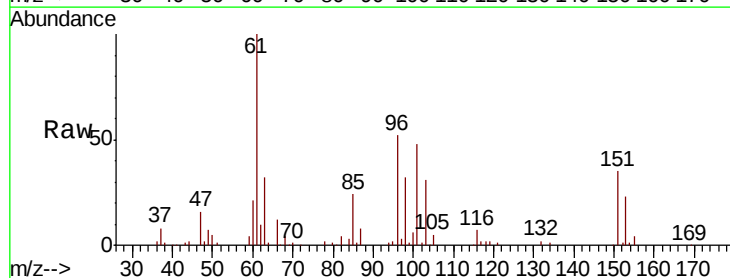
Tot Ion:101 Resp: 85220
Ion Ratio Lower Upper
101 100
103 64.8 53.0 79.6

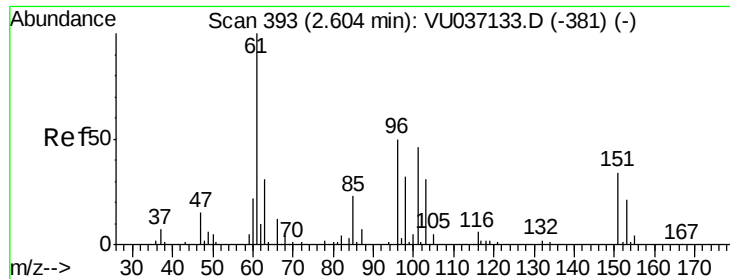


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.361 ug/l
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion:101 Resp: 40617
Ion Ratio Lower Upper
101 100
85 50.2 33.9 50.9
151 73.1 59.8 89.8





#9

1,1-Dichloroethene

Concen: 10.369 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

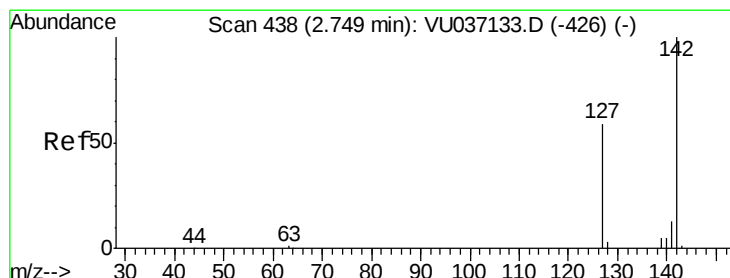
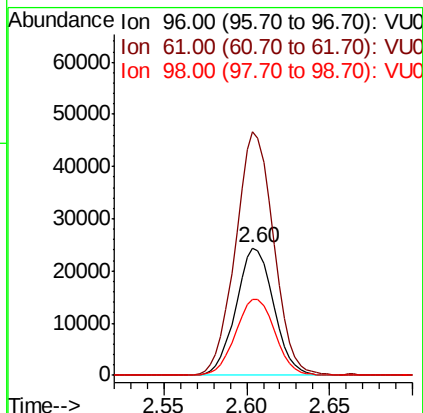
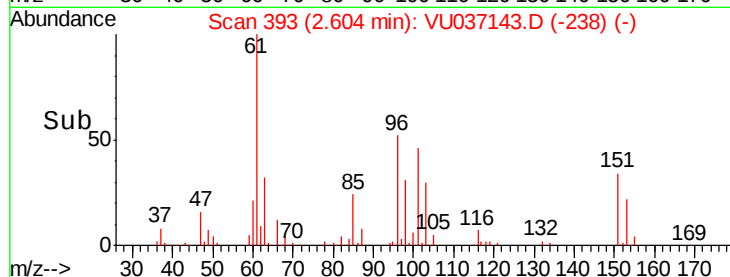
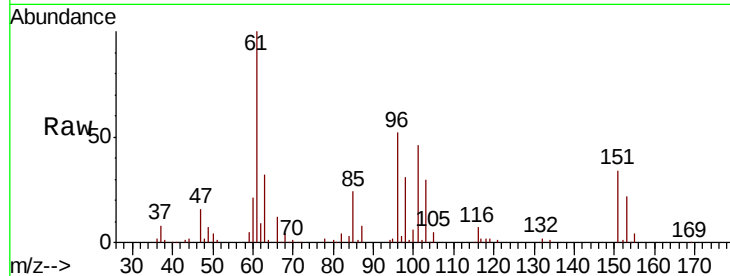
Tot Ion: 96 Resp: 38648

Ion Ratio Lower Upper

96 100

61 190.9 0.0 463.2

98 59.8 0.0 130.0



#10

Iodomethane

Concen: 13.539 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU037143.D

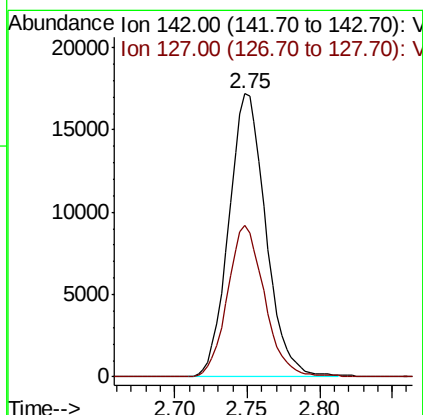
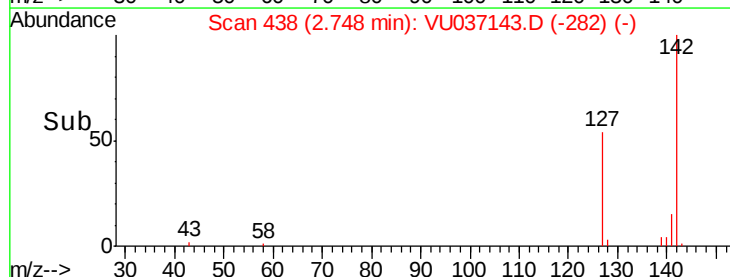
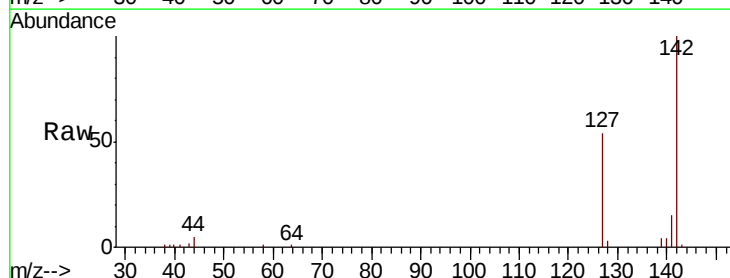
Acq: 10 Mar 2020 09:41

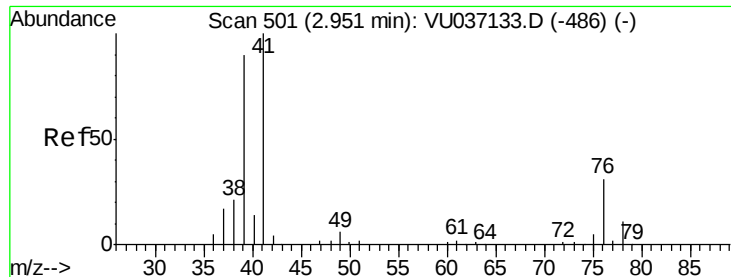
Tgt Ion: 142 Resp: 30531

Ion Ratio Lower Upper

142 100

127 53.3 30.3 45.5#

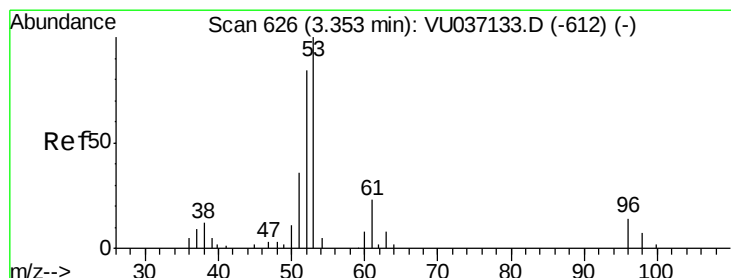
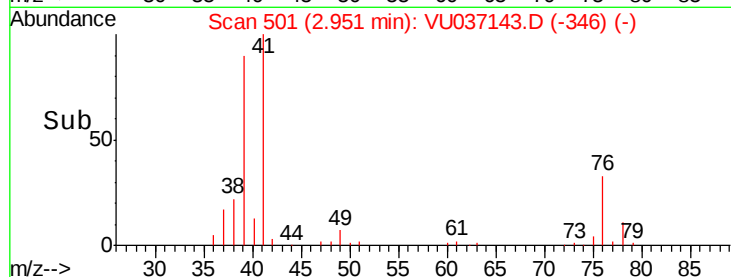
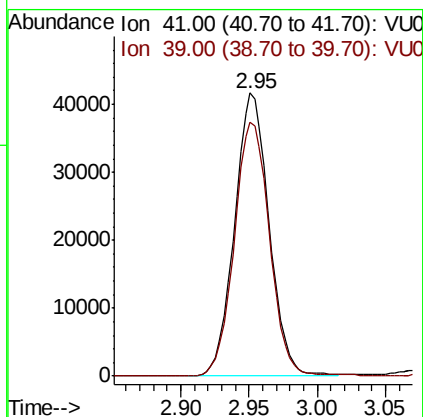
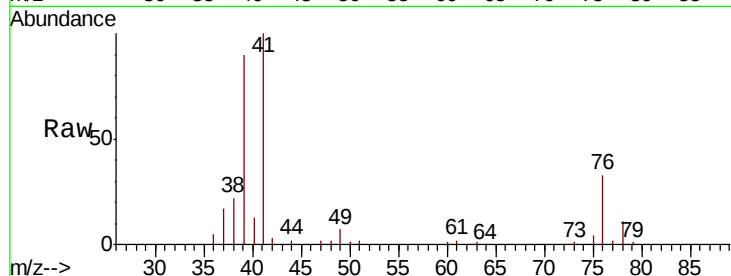




#11
Allvl Chloride
Concen: 10.135 ug/l
RT: 2.95 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

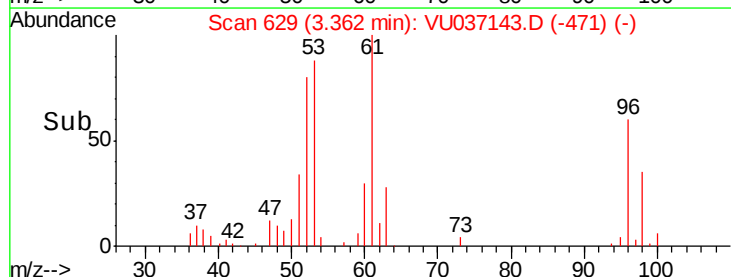
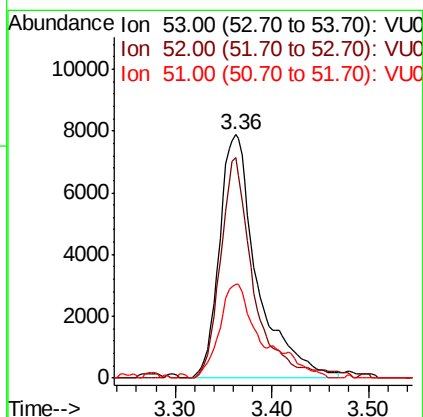
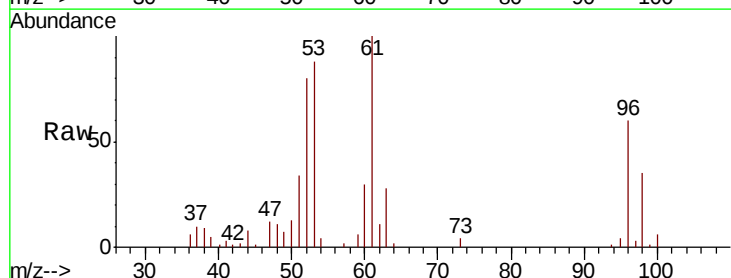
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

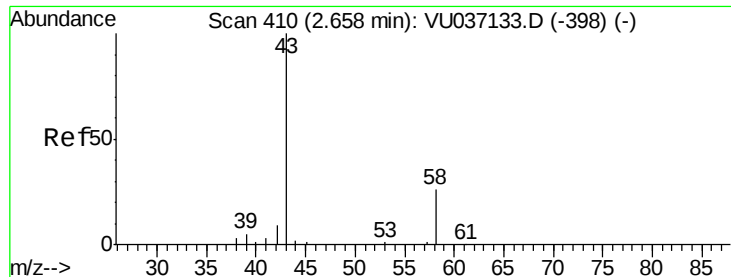
Tot Ion: 41 Resp: 73237
Ion Ratio Lower Upper
41 100
39 91.6 50.7 76.1#



#12
Acrylonitrile
Concen: 24.315 ug/l
RT: 3.36 min Scan# 629
Delta R.T. 0.01 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 53 Resp: 21437
Ion Ratio Lower Upper
53 100
52 77.7 64.6 97.0
51 33.8 27.2 40.8





#13

Acetone

Concen: 53.805 ug/l

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

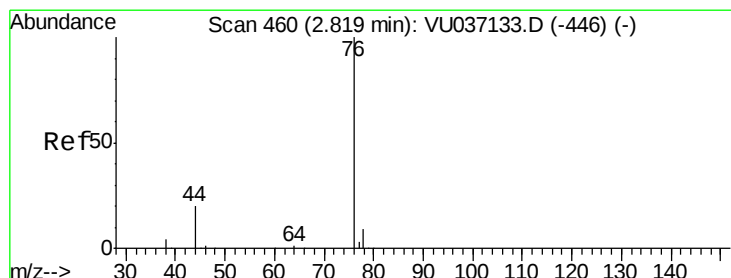
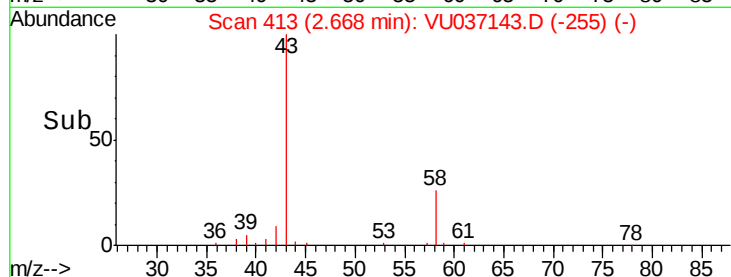
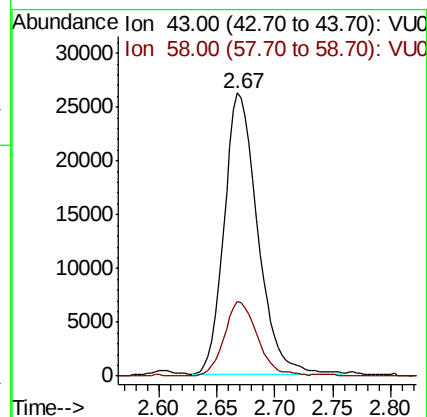
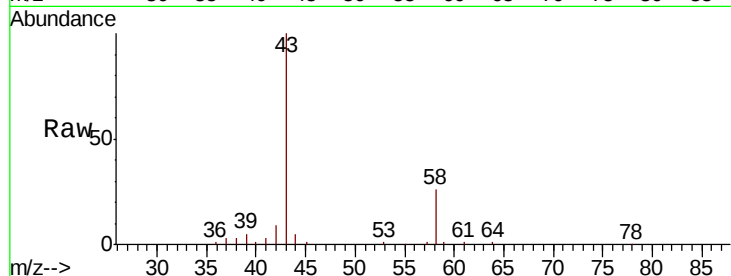
VSTDCCC010

Tot Ion: 43 Resp: 52724

Ion Ratio Lower Upper

43 100

58 26.5 30.8 46.2#



#14

Carbon Disulfide

Concen: 10.146 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037143.D

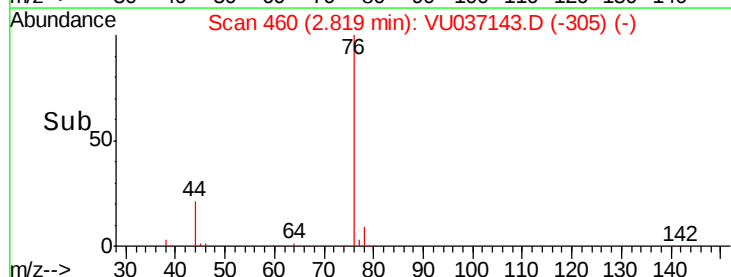
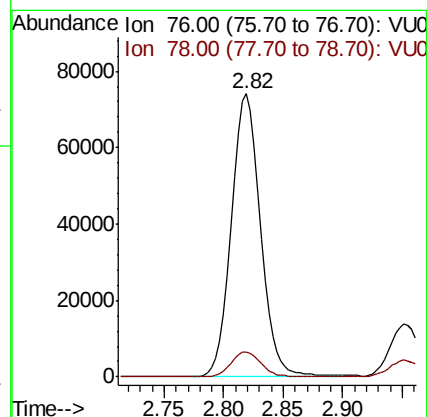
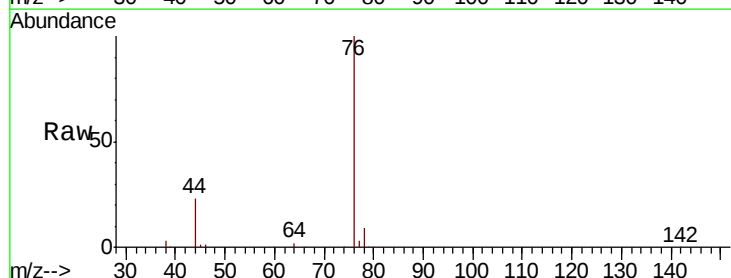
Acq: 10 Mar 2020 09:41

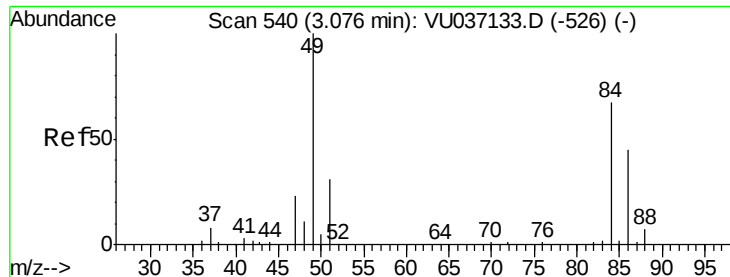
Tgt Ion: 76 Resp: 125955

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

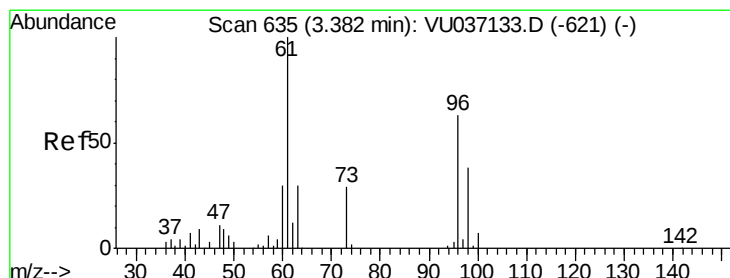
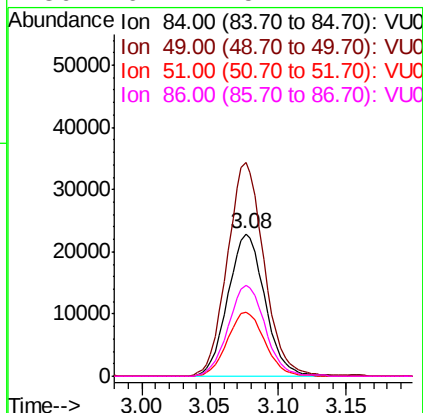
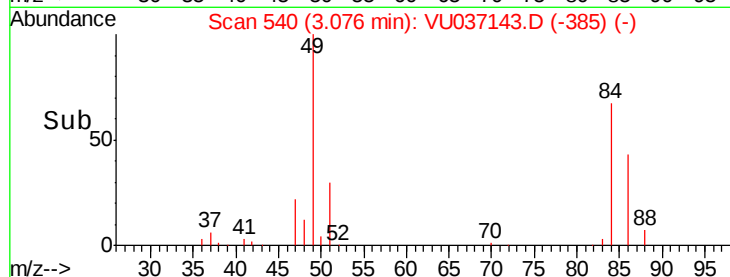
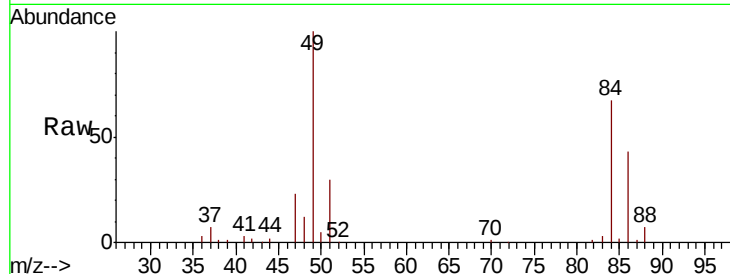




#15
Methvlene Chloride
Concen: 9.191 ug/l
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

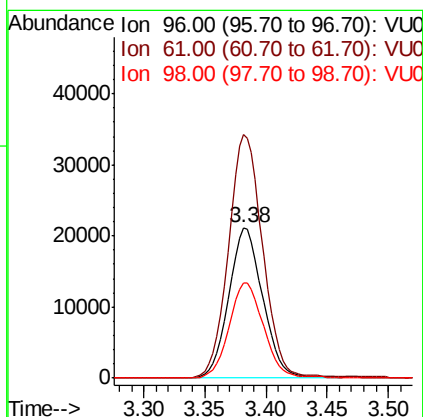
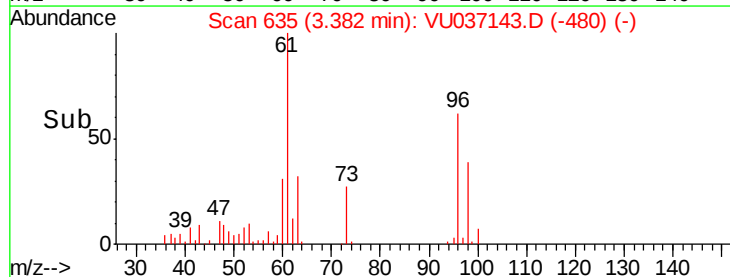
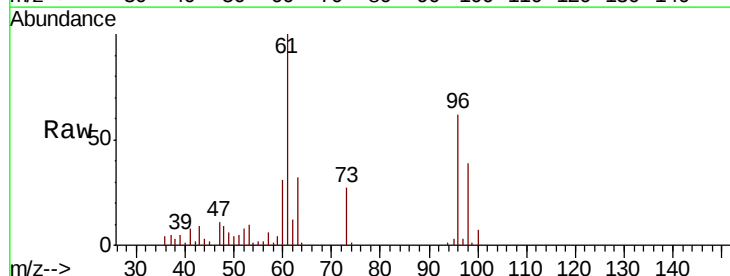
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

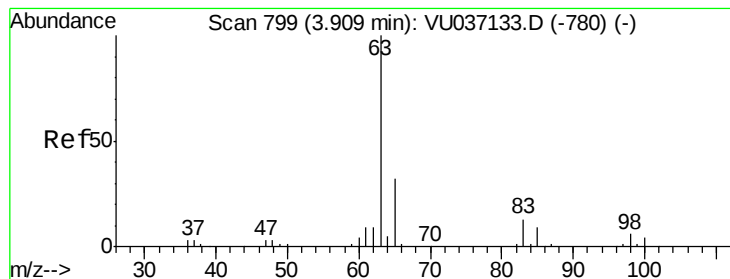
Tot Ion: 84 Resp: 43009
Ion Ratio Lower Upper
84 100
49 149.5 89.7 134.5#
51 45.0 0.0 71.6
86 64.1 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 10.421 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 96 Resp: 41251
Ion Ratio Lower Upper
96 100
61 162.0 110.8 166.2
98 63.1 50.3 75.5





#17

1,1-Dichloroethane

Concen: 10.039 ug/l

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

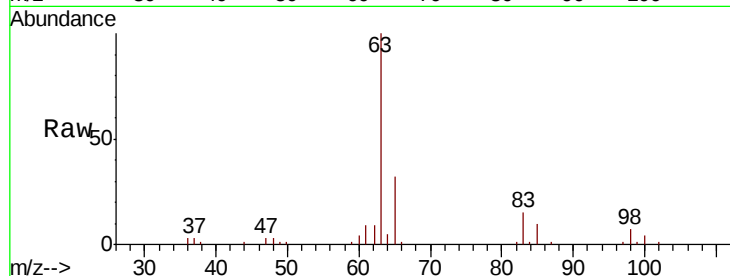
Tot Ion: 63 Resp: 92128

Ion Ratio Lower Upper

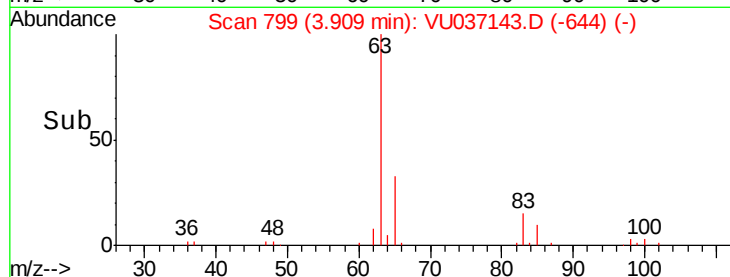
63 100

98 6.9 3.5 10.5

100 3.6 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VU037143.D (-780) (-)



Ion 98.00 (97.70 to 98.70): VU037143.D (-644) (-)

Ion 100.00 (99.70 to 100.70): VU037143.D (-644) (-)

Time-->

3.80 3.90 4.00

40000

30000

20000

10000

0

3.91

Time-->

3.80 3.90 4.00

40000

30000

20000

10000

0

4.77

Time-->

4.70 4.80 4.90

40000

30000

20000

10000

0

4.77

Time-->

4.70 4.80 4.90

40000

30000

20000

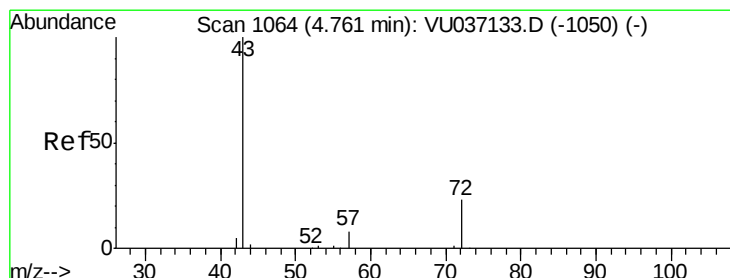
10000

0

4.77

Time-->

4.70 4.80 4.90



#18

2-Butanone

Concen: 54.040 ug/l

RT: 4.77 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VU037143.D

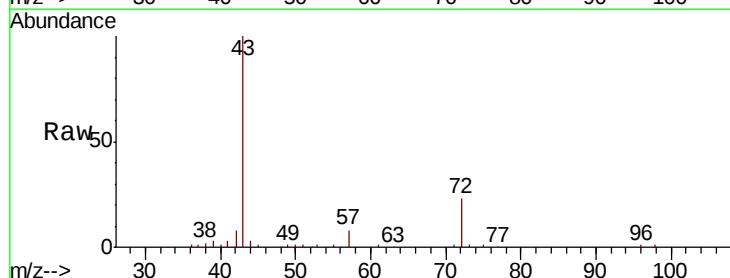
Acq: 10 Mar 2020 09:41

Tgt Ion: 43 Resp: 80940

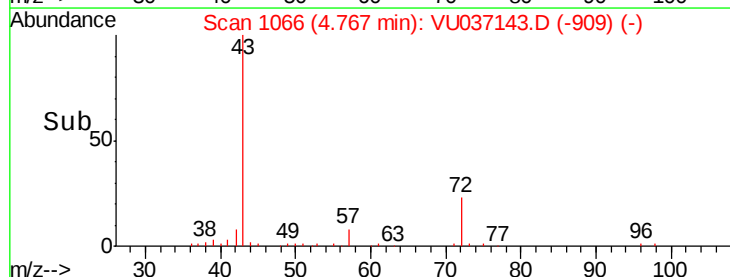
Ion Ratio Lower Upper

43 100

57 7.9 0.0 17.8



Abundance Ion 43.00 (42.70 to 43.70): VU037143.D (-1050) (-)



Ion 57.00 (56.70 to 57.70): VU037143.D (-909) (-)

Time-->

4.70 4.80 4.90

40000

30000

20000

10000

0

4.77

Time-->

4.70 4.80 4.90

40000

30000

20000

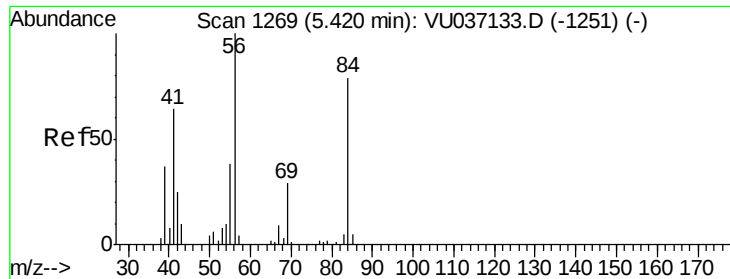
10000

0

4.77

Time-->

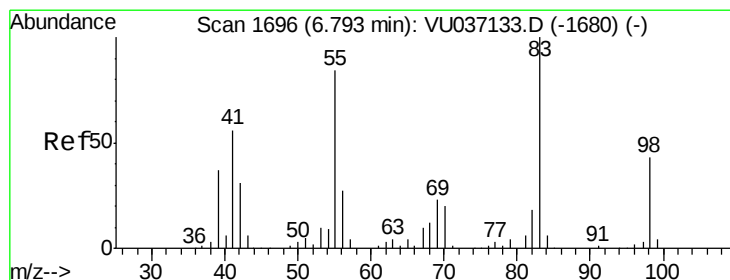
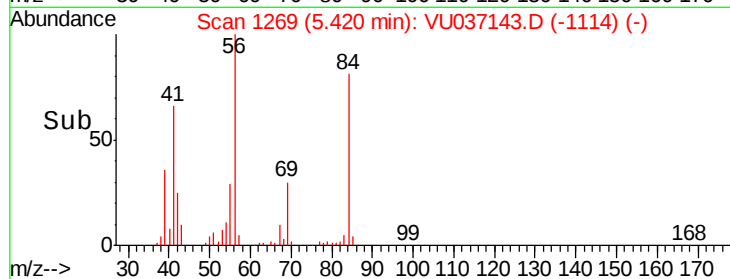
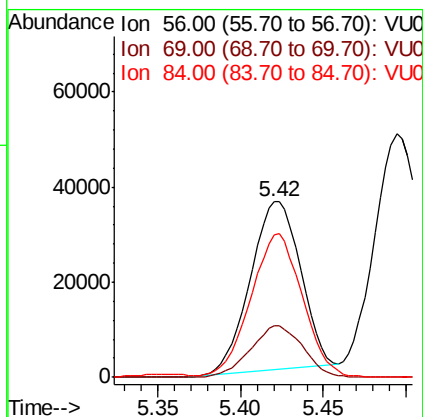
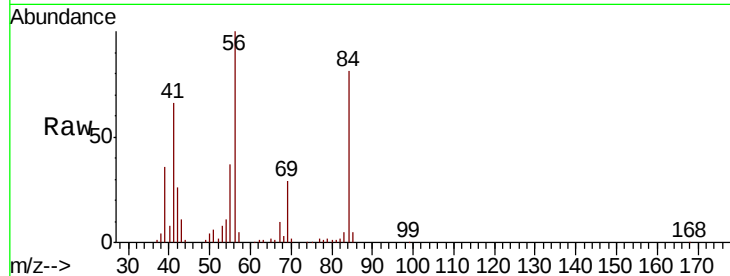
4.70 4.80 4.90



#19
Cyclohexane
Concen: 9.545 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

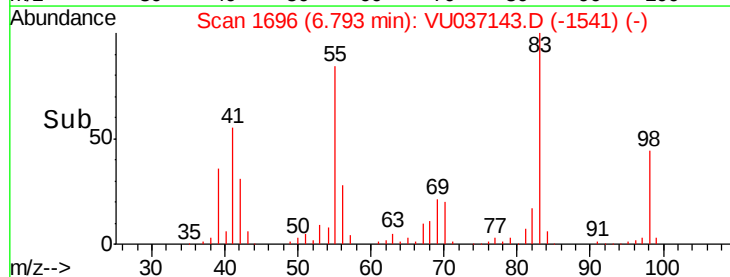
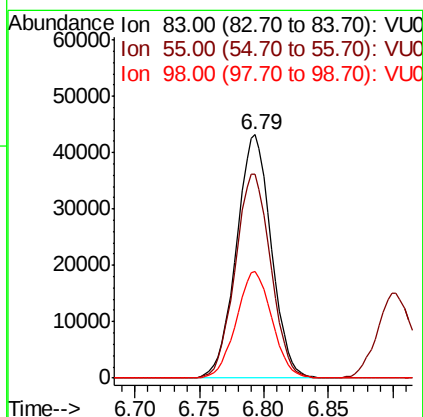
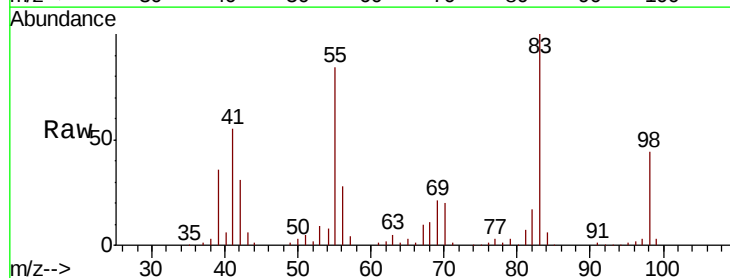
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

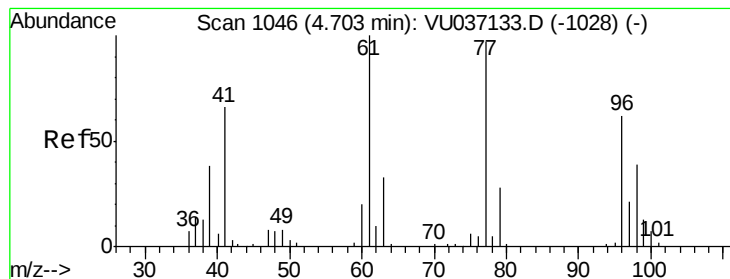
Tot Ion: 56 Resp: 74599
Ion Ratio Lower Upper
56 100
69 32.1 26.2 39.2
84 86.5 72.8 109.2



#20
Methylcyclohexane
Concen: 10.514 ug/l
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 83 Resp: 81160
Ion Ratio Lower Upper
83 100
55 85.5 56.6 85.0#
98 45.0 37.5 56.3





#21

2,2-Dichloropropane

Concen: 10.192 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

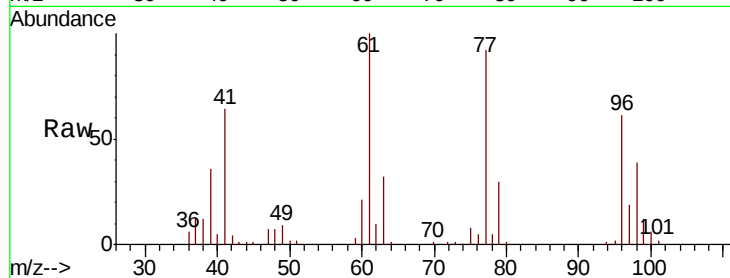
VSTDCCC010

Tot Ion: 77 Resp: 85342

Ion Ratio Lower Upper

77 100

97 21.1 19.0 28.4



Abundance Ion 77.00 (76.70 to 77.70): VU037143.D (-891) (-)

Ion 97.00 (96.70 to 97.70): VU037143.D (-891) (-)

4.71

40000

30000

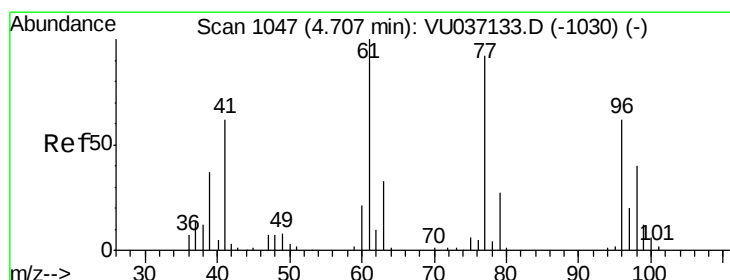
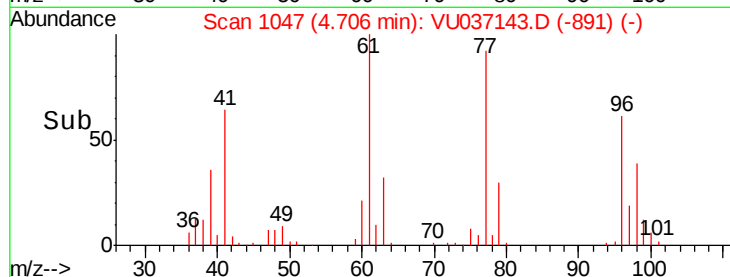
20000

10000

0

4.60 4.65 4.70 4.75 4.80

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.522 ug/l

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

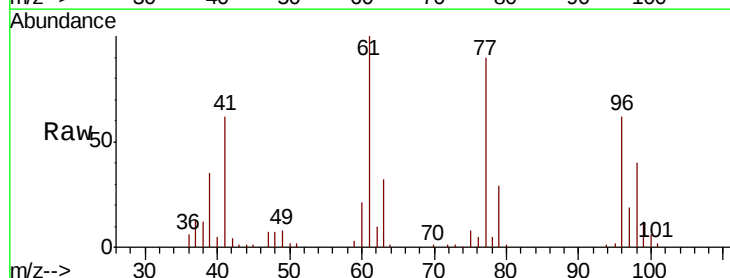
Tgt Ion: 96 Resp: 51587

Ion Ratio Lower Upper

96 100

61 164.0 0.0 342.0

98 64.3 32.0 96.0



Abundance Ion 96.00 (95.70 to 96.70): VU037143.D (-892) (-)

Ion 61.00 (60.70 to 61.70): VU037143.D (-892) (-)

Ion 98.00 (97.70 to 98.70): VU037143.D (-892) (-)

4.71

50000

40000

30000

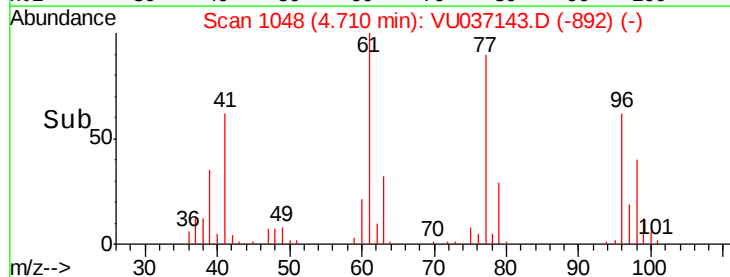
20000

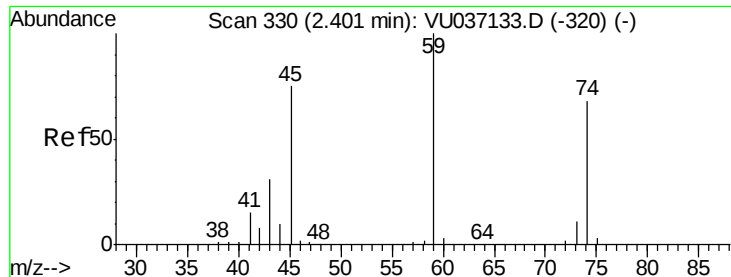
10000

0

4.60 4.70 4.80

Time-->

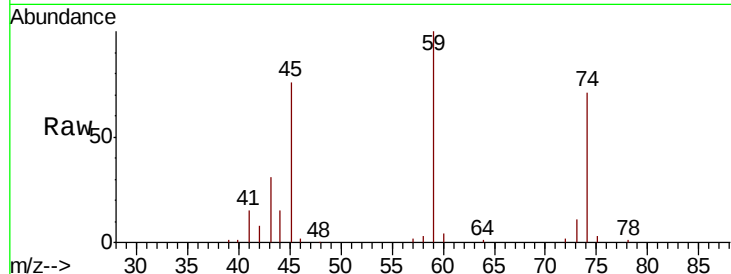




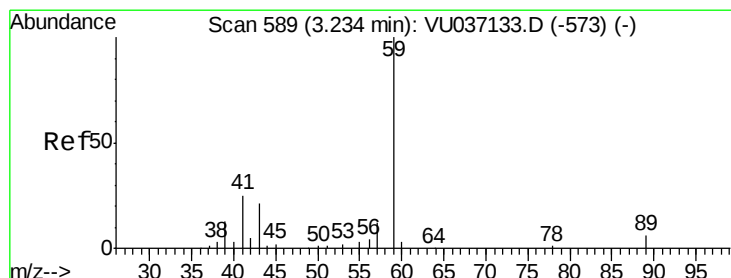
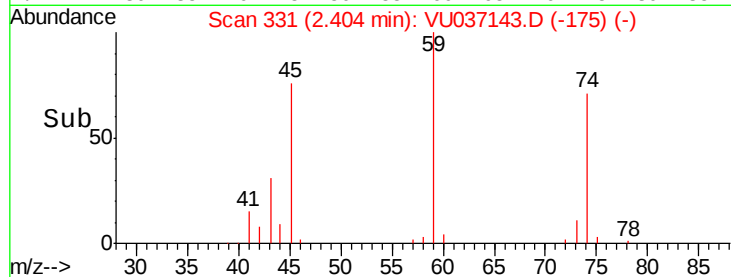
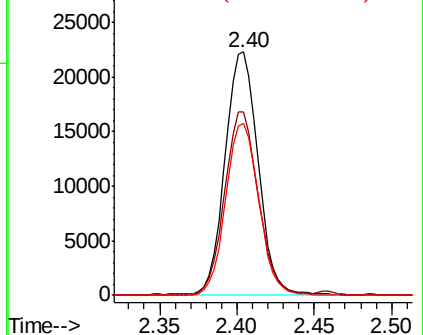
#23
Diethyl Ether
Concen: 10.443 ug/l
RT: 2.40 min Scan# 331
Delta R.T. 0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 59 Resp: 32973
Ion Ratio Lower Upper
59 100
45 77.6 52.4 78.6
74 71.1 62.1 93.1

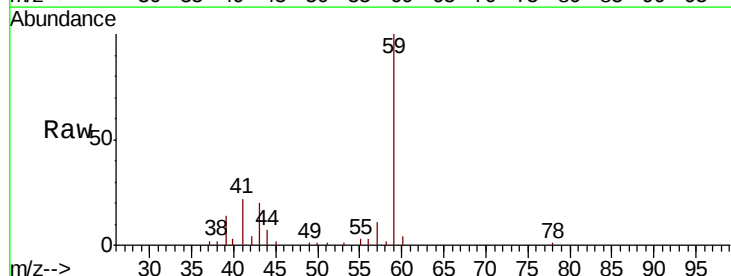


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

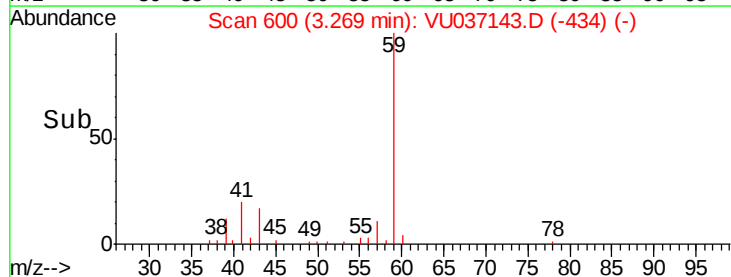
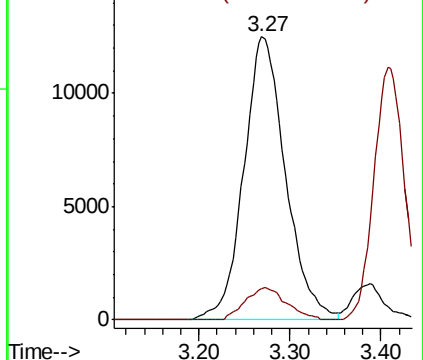


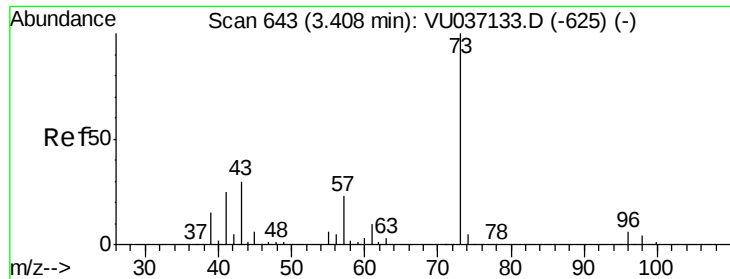
#24
tert-Butyl Alcohol
Concen: 115.259 ug/l
RT: 3.27 min Scan# 600
Delta R.T. 0.04 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 59 Resp: 39789
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



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



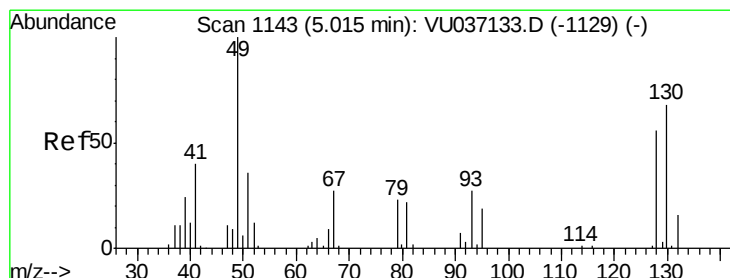
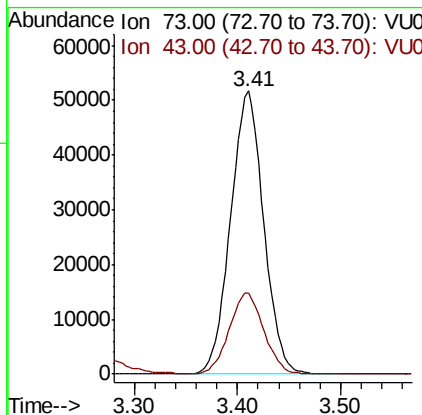
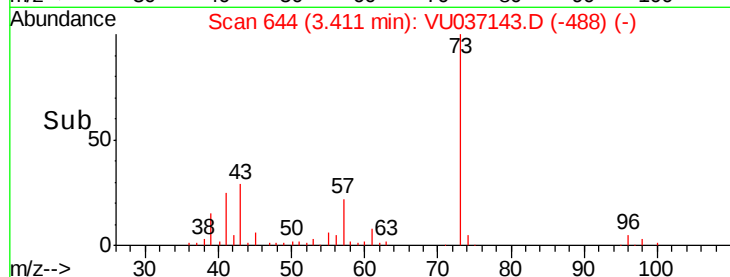
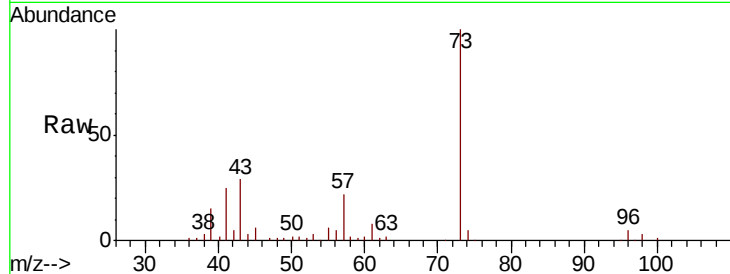


#25

Methvl tert-Butvl Ether
 Concen: 10.574 ug/l
 RT: 3.41 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

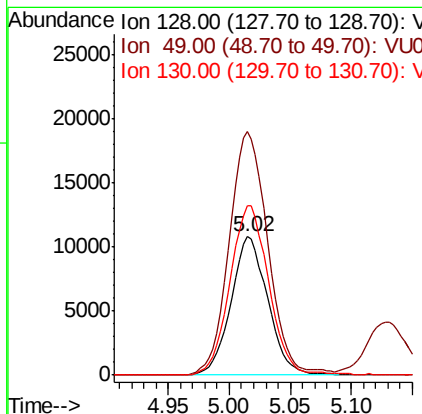
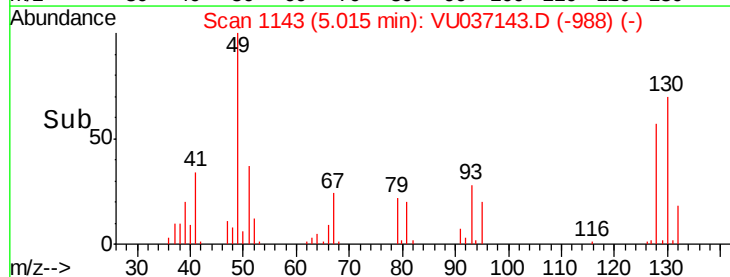
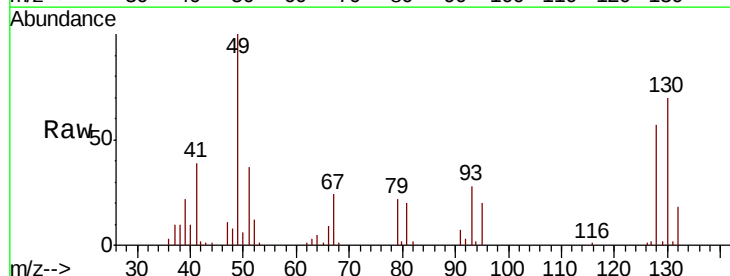
Tot Ion: 73 Resp: 115483
 Ion Ratio Lower Upper
 73 100
 43 30.0 14.5 21.7#

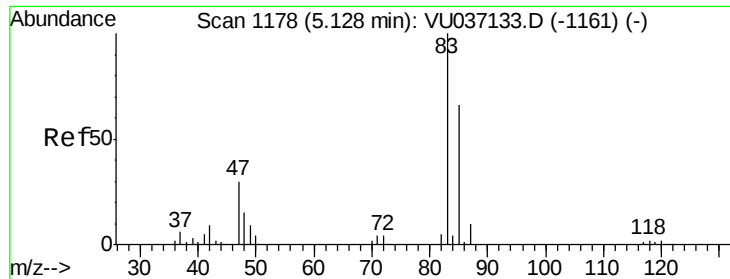


#26

Bromochloromethane
 Concen: 10.494 ug/l
 RT: 5.02 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion: 128 Resp: 22644
 Ion Ratio Lower Upper
 128 100
 49 182.9 0.0 286.2
 130 129.2 104.3 156.5

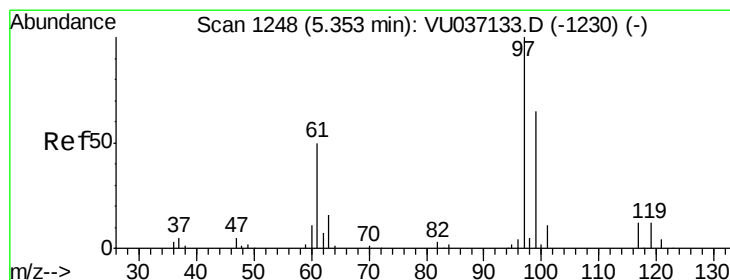
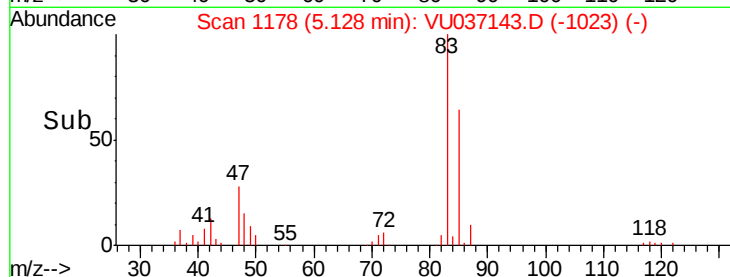
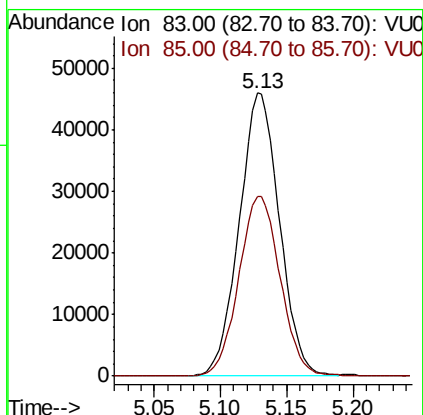
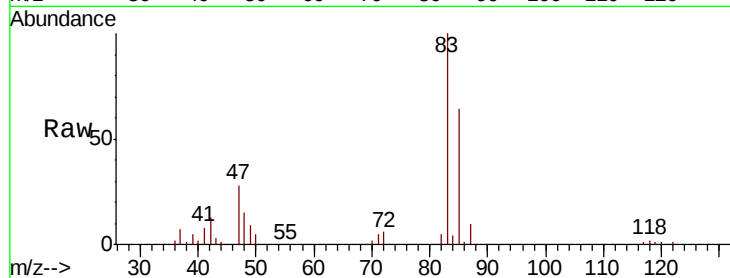




#27
Chloroform
Concen: 9.795 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

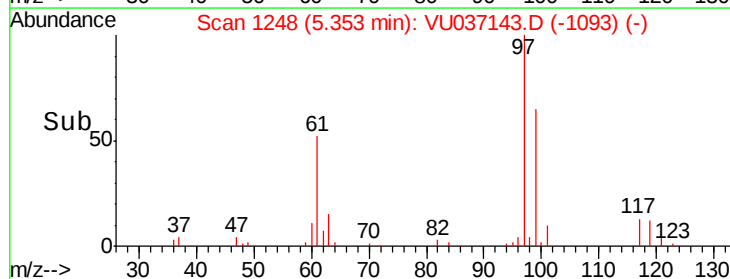
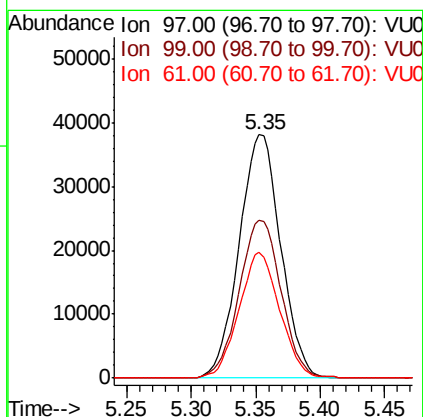
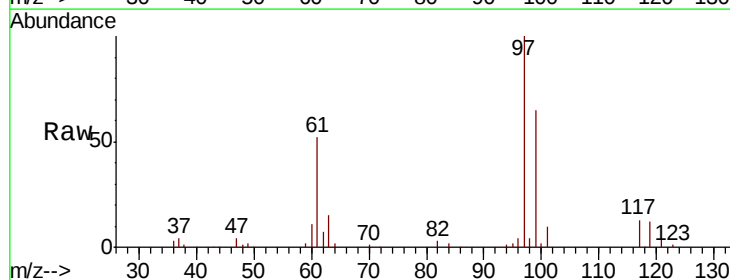
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

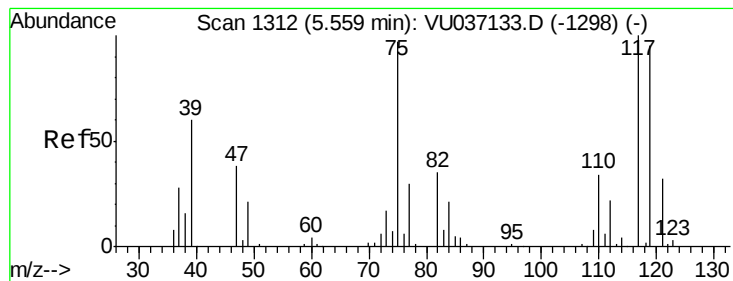
Tot Ion: 83 Resp: 96796
Ion Ratio Lower Upper
83 100
85 63.5 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 10.146 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 97 Resp: 85476
Ion Ratio Lower Upper
97 100
99 65.8 32.1 96.3
61 50.8 22.7 68.0





#29

1,1-Dichloropropene

Concen: 10.530 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

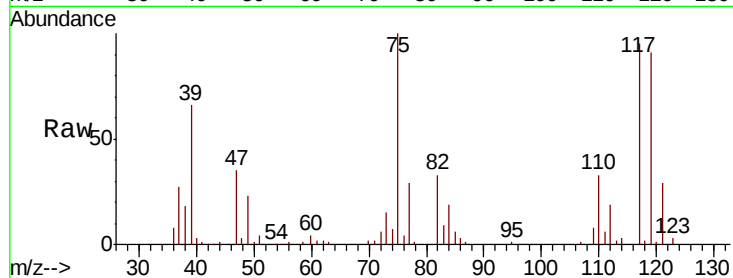
Tot Ion: 75 Resp: 72081

Ion Ratio Lower Upper

75 100

110 34.0 18.6 55.8

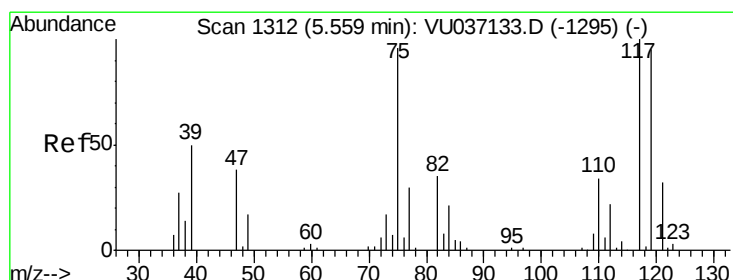
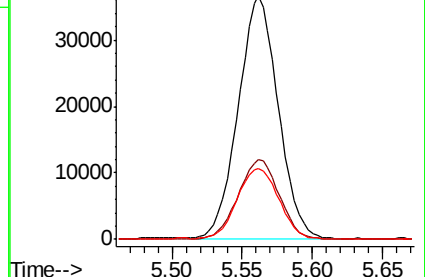
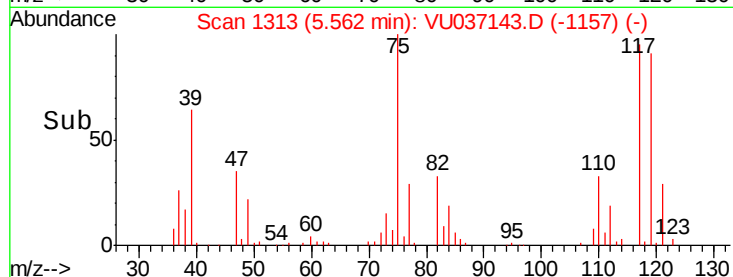
77 30.9 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU037143.D (-1298) (-)

Ion 110.00 (109.70 to 110.70): VU037143.D (-1298) (-)

Ion 77.00 (76.70 to 77.70): VU037143.D (-1298) (-)



#30

Carbon Tetrachloride

Concen: 10.413 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

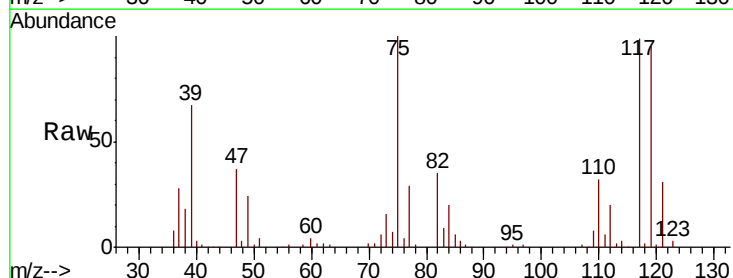
Tgt Ion: 117 Resp: 76761

Ion Ratio Lower Upper

117 100

119 96.7 77.0 115.6

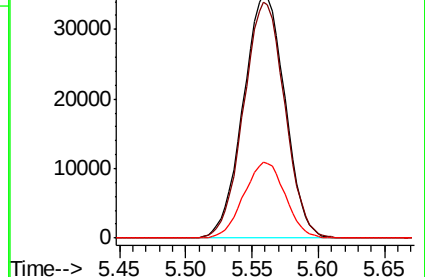
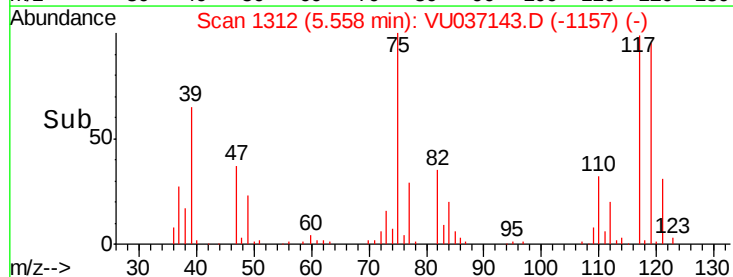
121 31.0 23.3 34.9

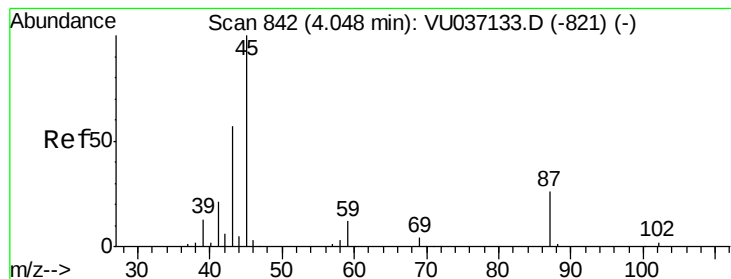


Abundance Ion 117.00 (116.70 to 117.70): VU037143.D (-1295) (-)

Ion 119.00 (118.70 to 119.70): VU037143.D (-1295) (-)

Ion 121.00 (120.70 to 121.70): VU037143.D (-1295) (-)





#31

Isopropyl Ether

Concen: 10.199 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

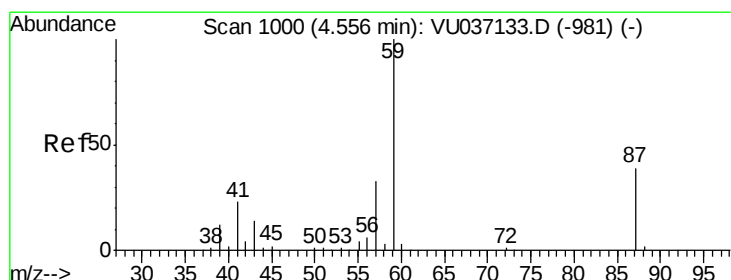
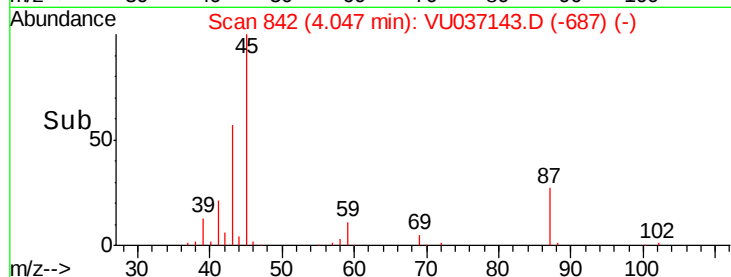
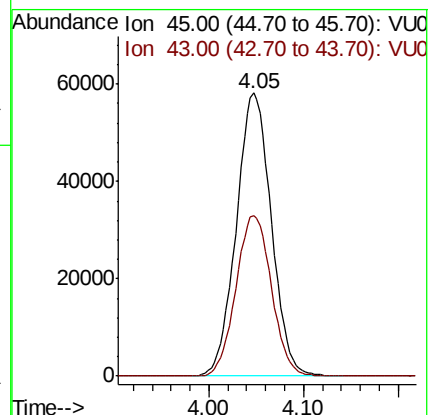
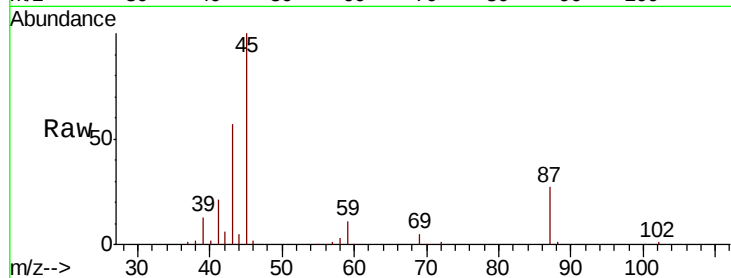
VSTDCCC010

Tot Ion: 45 Resp: 149412

Ion Ratio Lower Upper

45 100

43 57.5 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 10.385 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VU037143.D

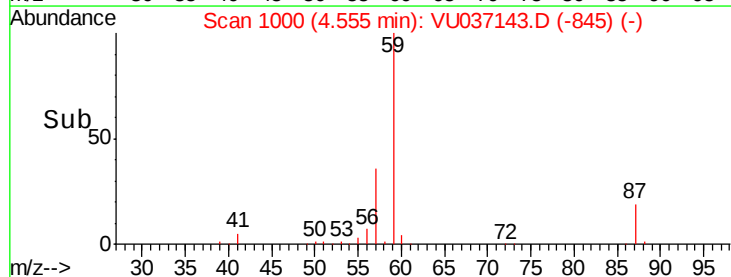
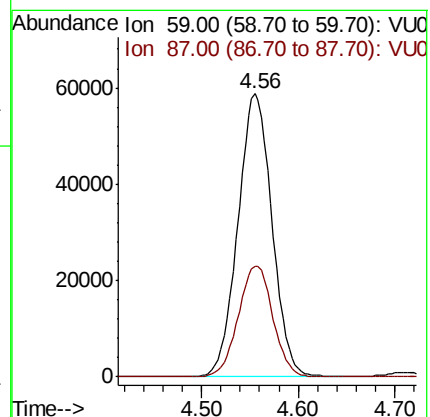
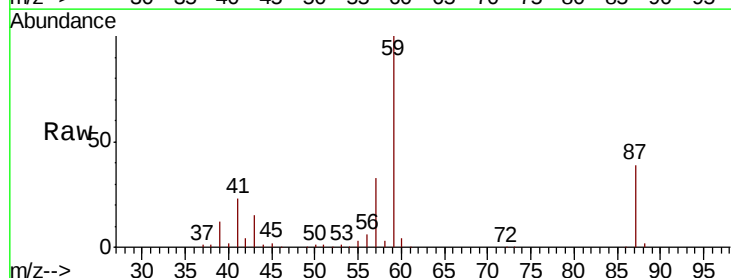
Acq: 10 Mar 2020 09:41

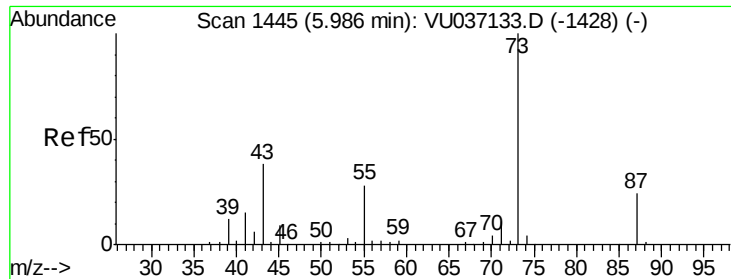
Tgt Ion: 59 Resp: 143622

Ion Ratio Lower Upper

59 100

87 39.7 35.1 52.7

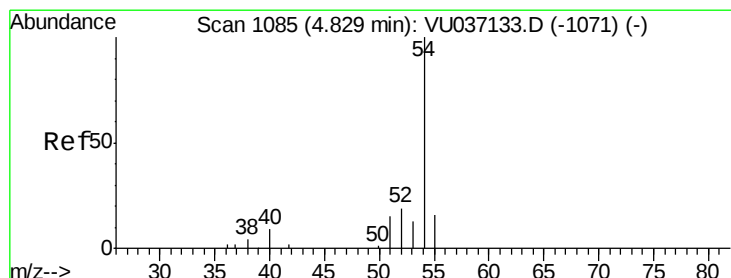
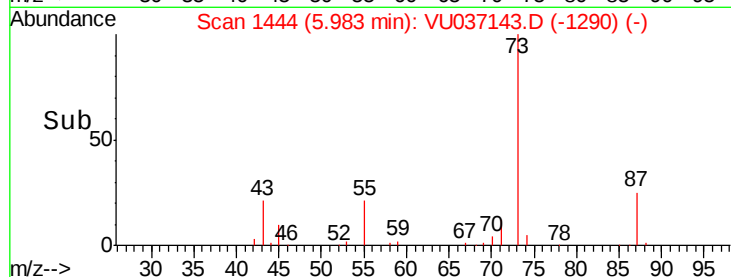
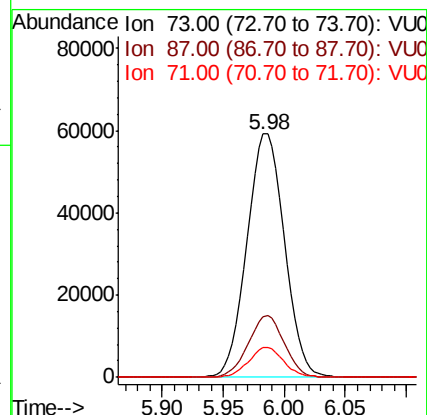
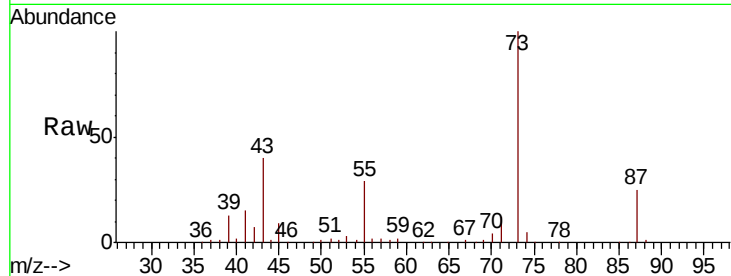




#33
Tert-Butyl methyl ether
Concen: 10.537 ug/l
RT: 5.98 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

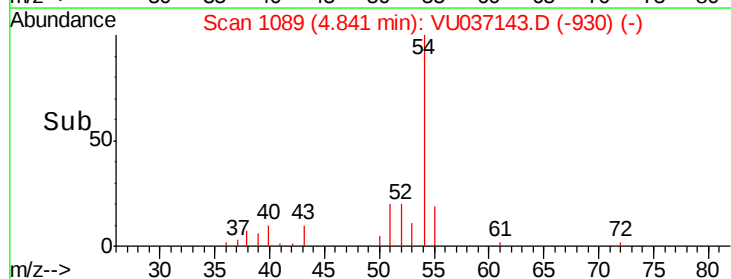
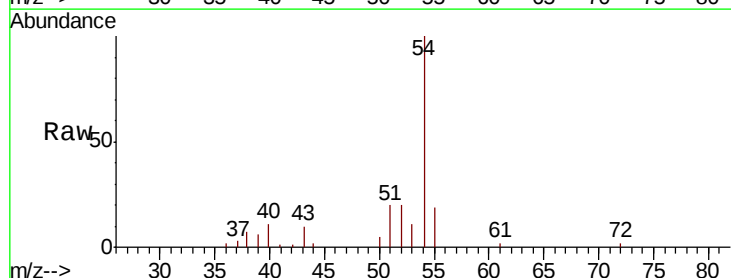
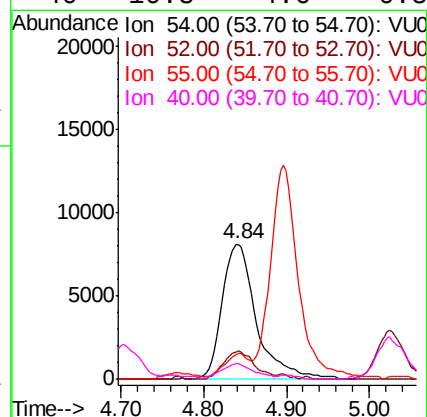
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

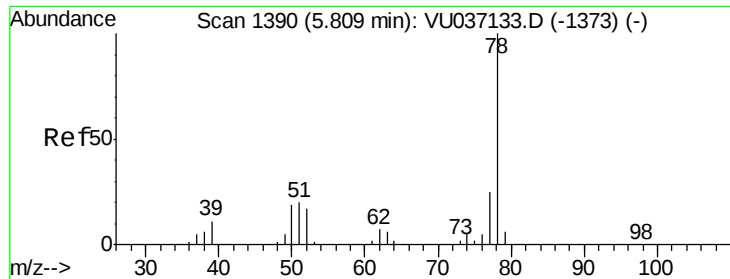
Tot Ion: 73 Resp: 125058
Ion Ratio Lower Upper
73 100
87 24.4 19.8 29.6
71 11.6 9.1 13.7



#34
Propionitrile
Concen: 58.940 ug/l
RT: 4.84 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 54 Resp: 23219
Ion Ratio Lower Upper
54 100
52 18.4 15.2 22.8
55 12.7 9.5 14.3
40 10.8 4.6 6.8#





#35

Benzene

Concen: 10.186 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

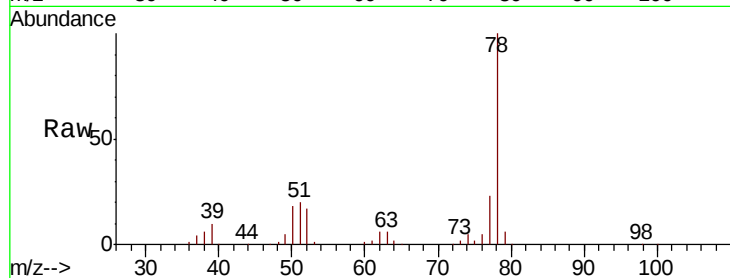
VSTDCCC010

Tot Ion: 78 Resp: 198088

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037143.D (-1235) (-)

Ion 77.00 (76.70 to 77.70): VU037143.D (-1235) (-)

5.81

100000

80000

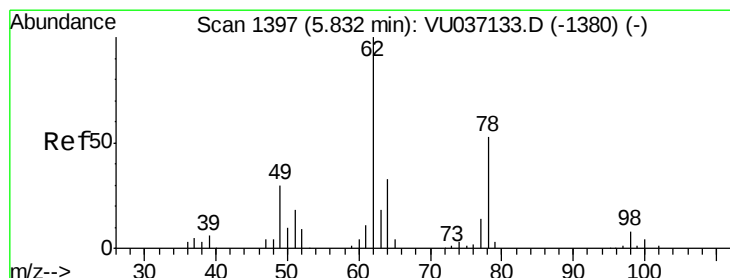
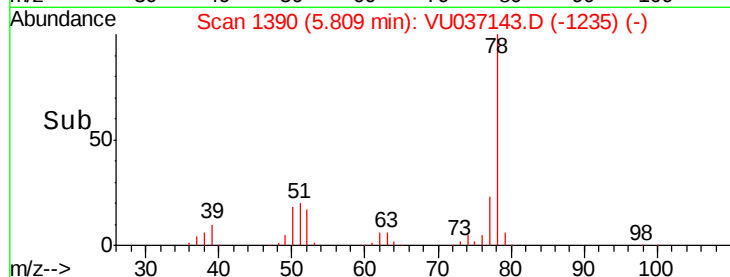
60000

40000

20000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.110 ug/l

RT: 5.83 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VU037143.D

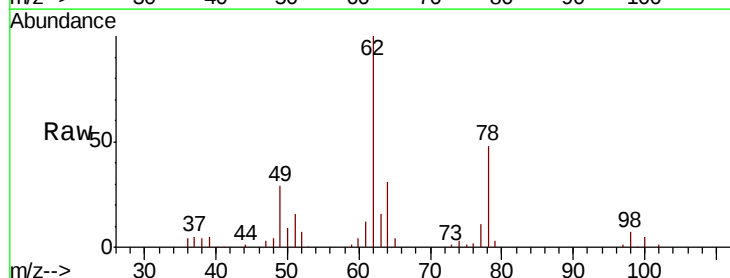
Acq: 10 Mar 2020 09:41

Tgt Ion: 62 Resp: 71273

Ion Ratio Lower Upper

62 100

98 6.9 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU037143.D (-1242) (-)

Ion 98.00 (97.70 to 98.70): VU037143.D (-1242) (-)

5.83

40000

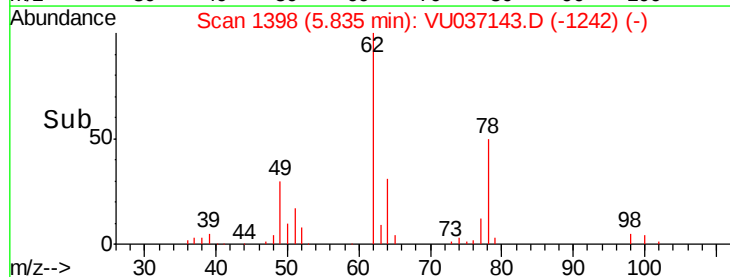
30000

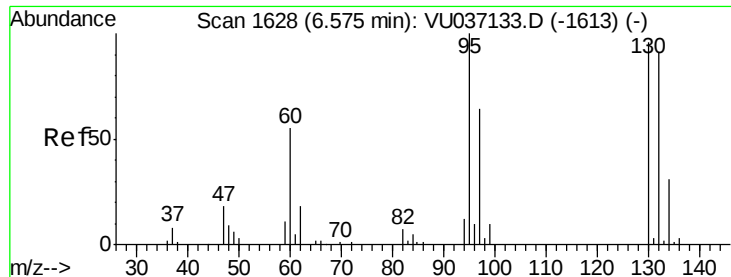
20000

10000

0

Time-->

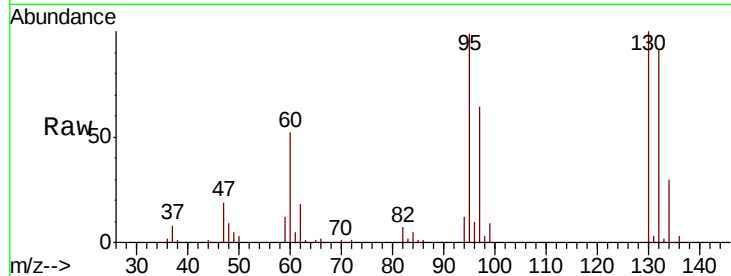




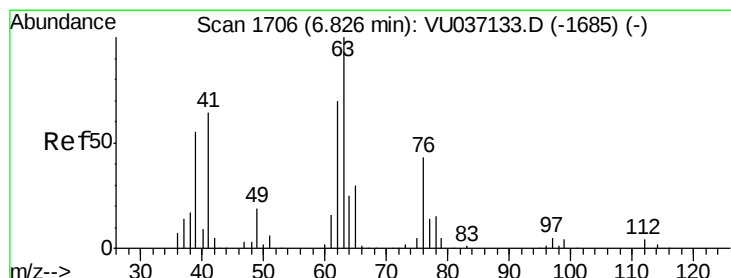
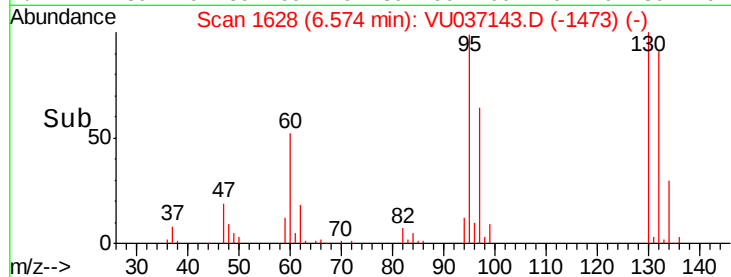
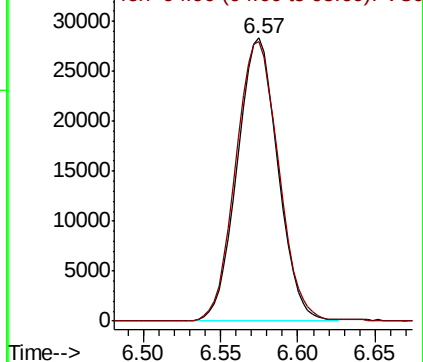
#37
 Trichloroethene
 Concen: 10.181 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:130 Resp: 51951
 Ion Ratio Lower Upper
 130 100
 95 98.8 77.0 115.4

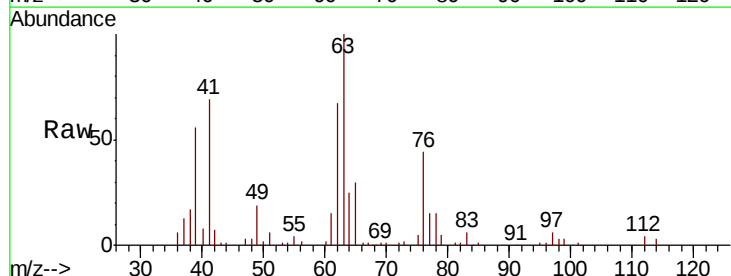


Abundance Ion 129.90 (129.60 to 130.60): VU037143.D (-1613) (-)
 Ion 94.90 (94.60 to 95.60): VU037143.D (-1613) (-)

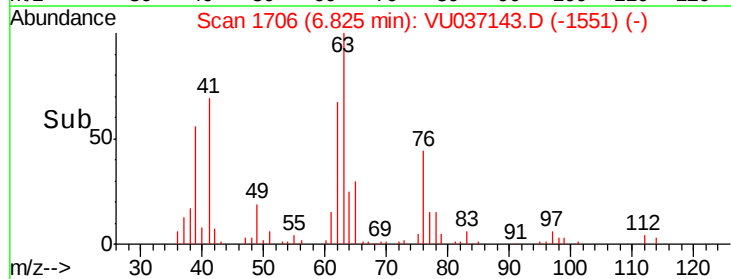
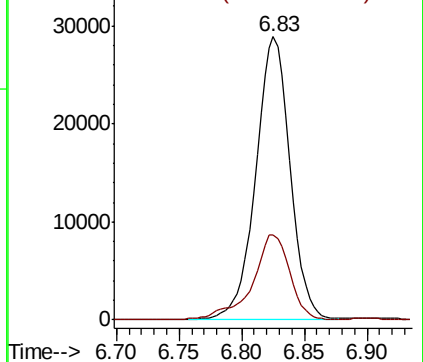


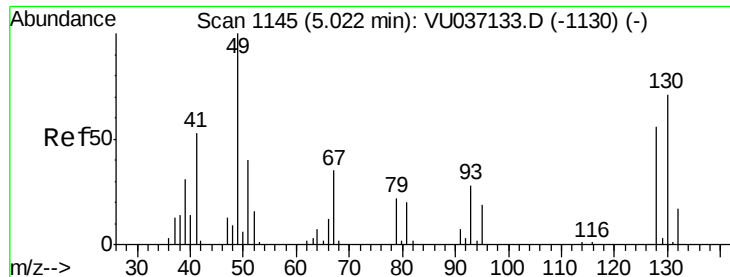
#38
 1,2-Dichloropropane
 Concen: 10.326 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion: 63 Resp: 55121
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU037143.D (-1685) (-)
 Ion 65.00 (64.70 to 65.70): VU037143.D (-1685) (-)





#39

Methacrylonitrile

Concen: 10.628 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampled :

VSTDCCC010

Tot Ion: 41 Resp: 20200

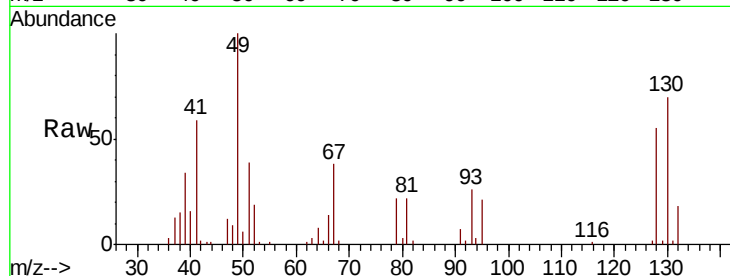
Ion Ratio Lower Upper

41 100

67 66.0 69.6 104.4#

39 60.2 41.6 62.4

52 33.5 25.9 38.9

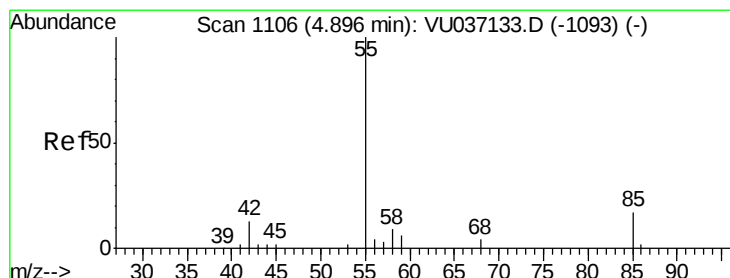
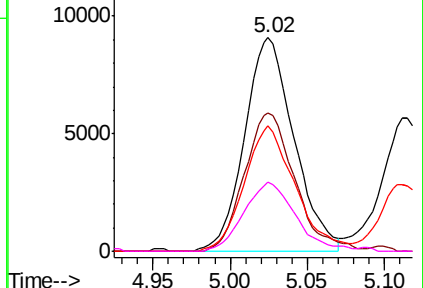
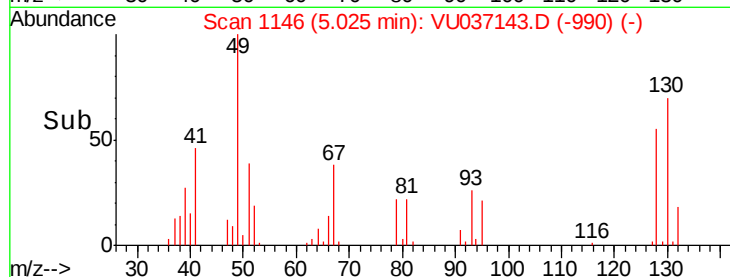


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 11.224 ug/l

RT: 4.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Tgt Ion: 55 Resp: 29501

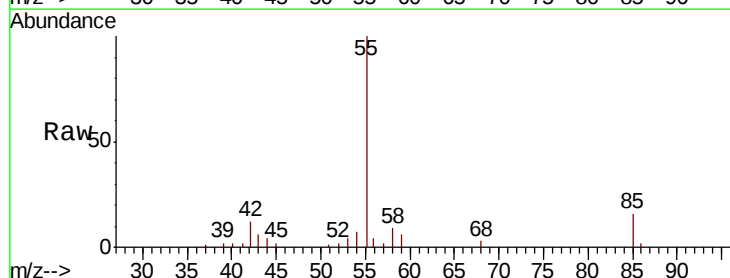
Ion Ratio Lower Upper

55 100

85 15.7 14.7 22.1

58 8.3 7.1 10.7

42 11.9 6.9 10.3#

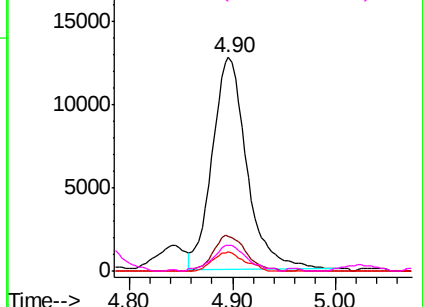
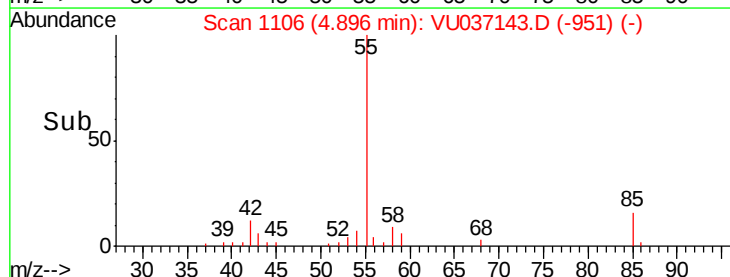


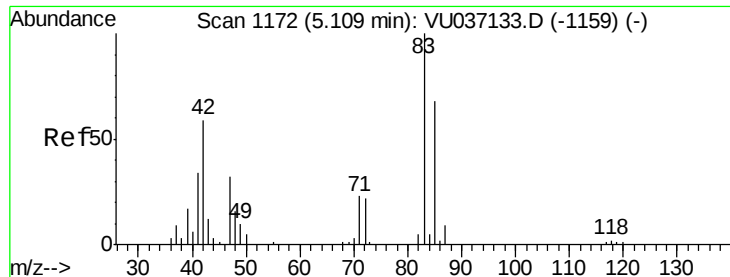
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

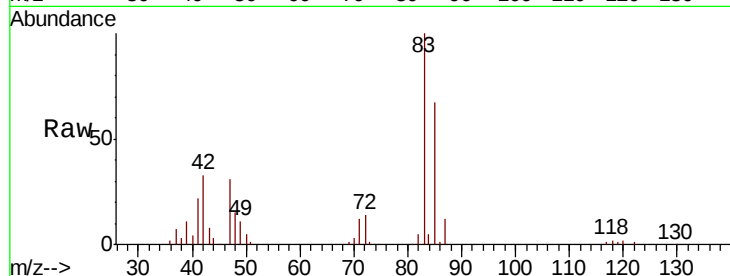




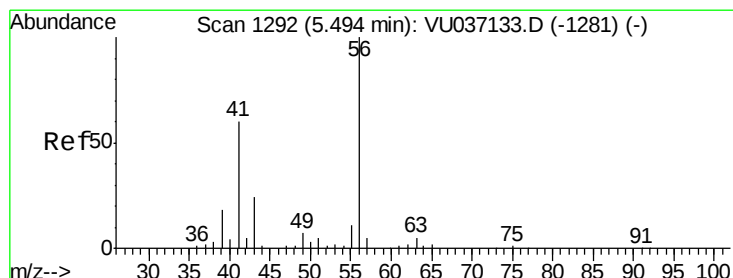
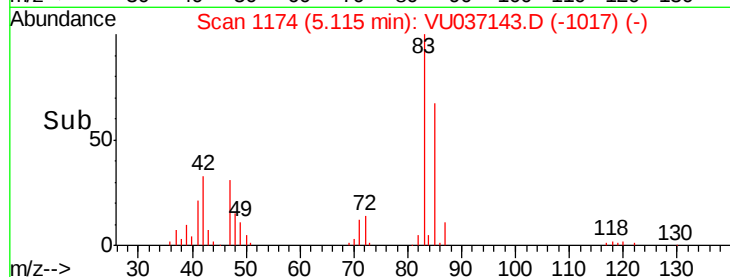
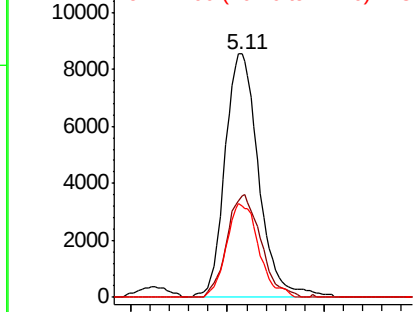
#41
Tetrahydrofuran
Concen: 21.845 ug/l
RT: 5.11 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 42 Resp: 20715
Ion Ratio Lower Upper
42 100
72 42.3 42.5 63.7#
71 36.9 37.3 55.9#

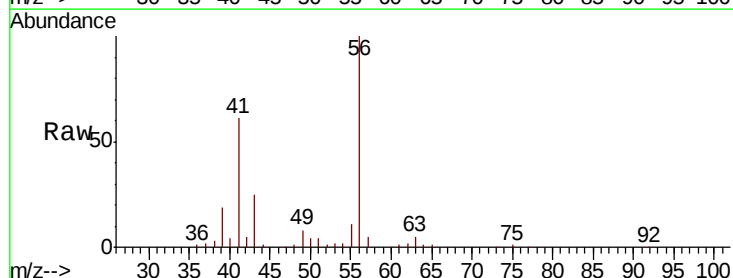


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

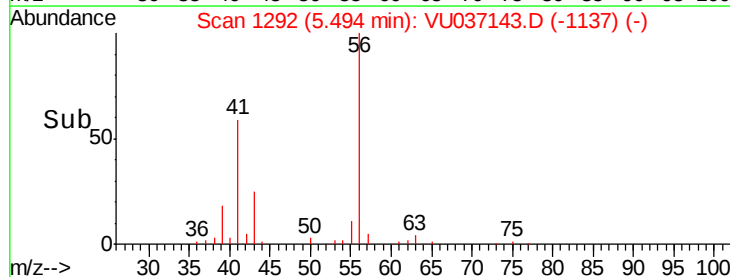
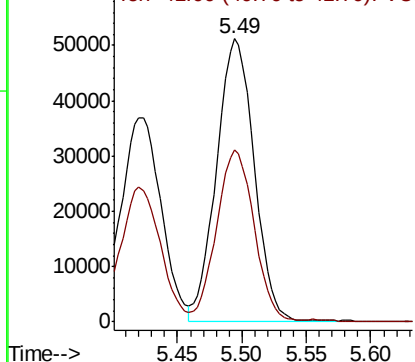


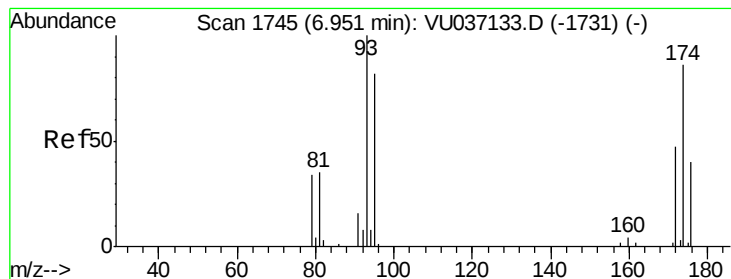
#42
1-Chlorobutane
Concen: 10.475 ug/l
RT: 5.49 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 56 Resp: 103287
Ion Ratio Lower Upper
56 100
41 59.9 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: 10.991 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

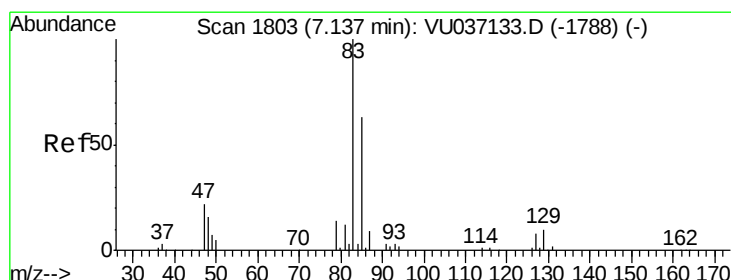
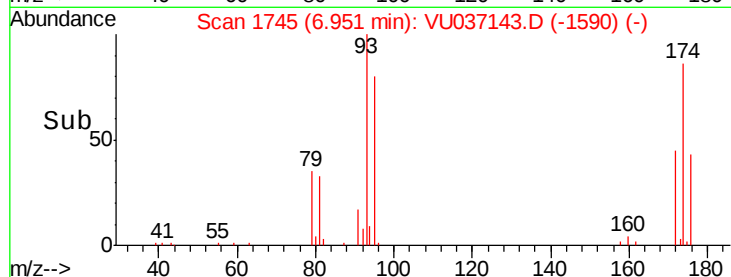
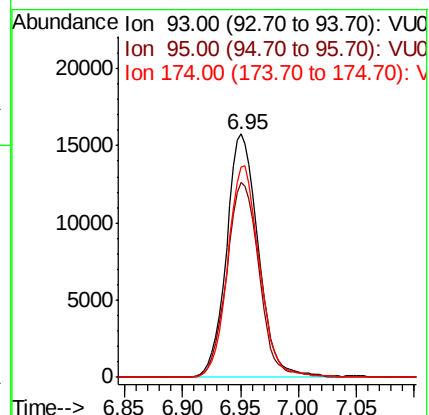
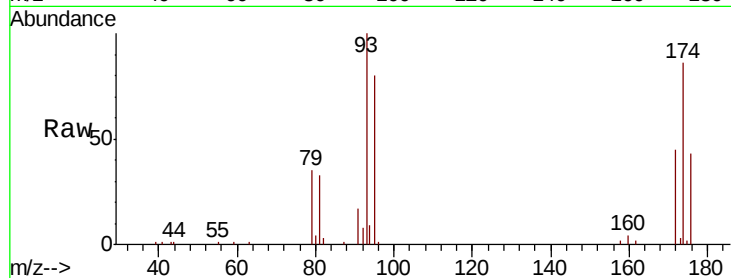
Tot Ion: 93 Resp: 30071

Ion Ratio Lower Upper

93 100

95 81.7 67.9 101.9

174 86.2 83.4 125.0



#44

Bromodichloromethane

Concen: 10.445 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

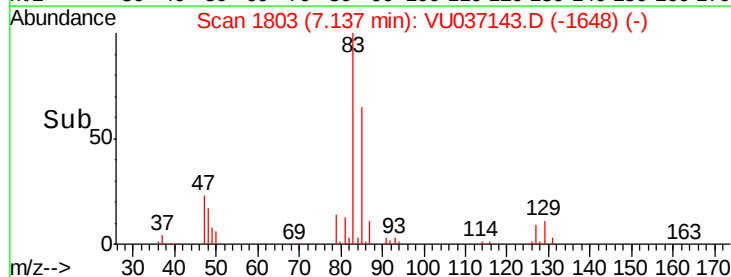
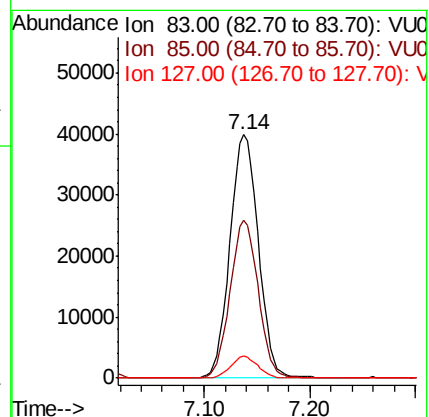
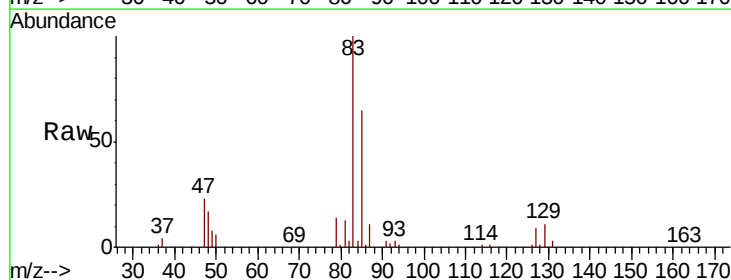
Tgt Ion: 83 Resp: 74401

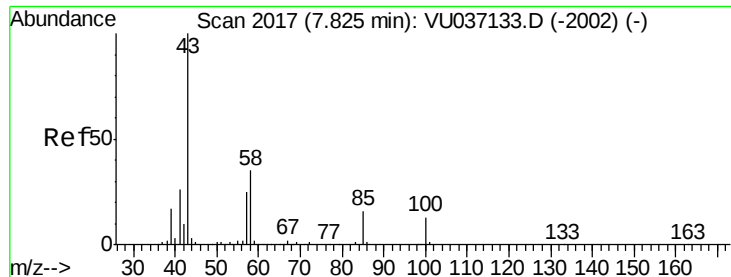
Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6

127 9.0 6.8 10.2

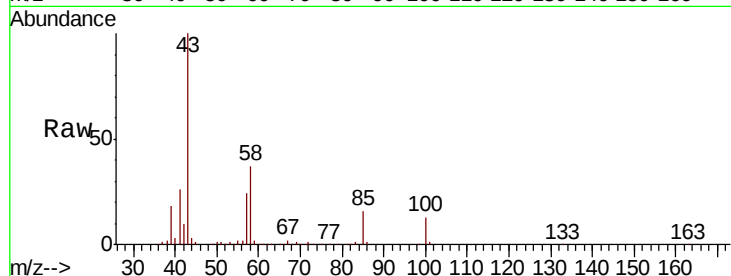




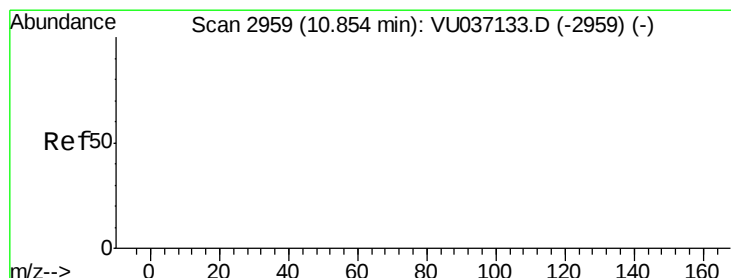
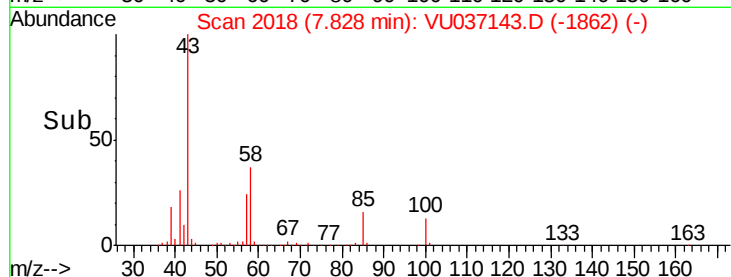
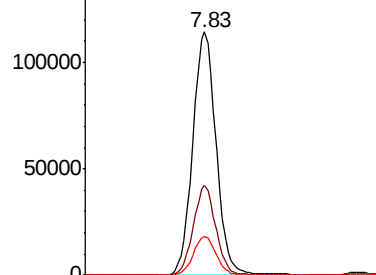
#45
4-Methyl-2-Pentanone
Concen: 54.707 ug/l
RT: 7.83 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 200720
Ion Ratio Lower Upper
43 100
58 35.6 22.1 66.1
85 15.7 17.4 26.0#

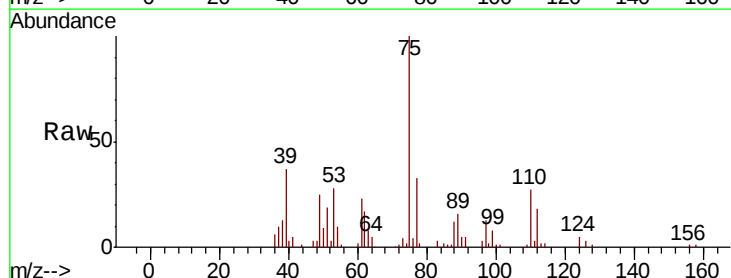


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

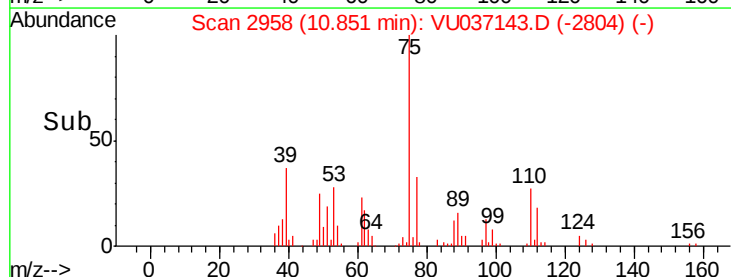
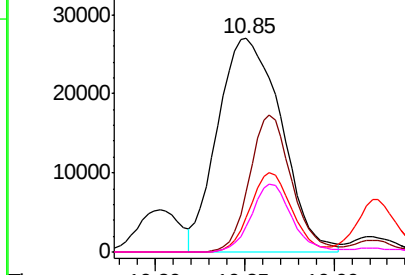


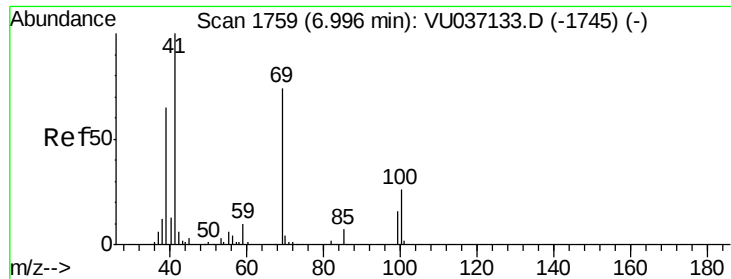
#46
t-1,4-Dichloro-2-butene
Concen: 66.654 ug/l
RT: 10.85 min Scan# 2958
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 75 Resp: 66936
Ion Ratio Lower Upper
75 100
53 42.6 52.2 78.2#
89 24.4 39.8 59.6#
88 20.4 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

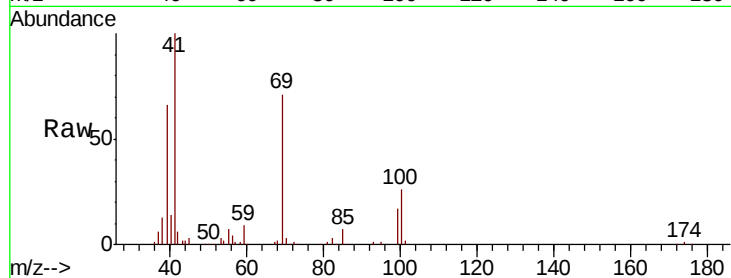




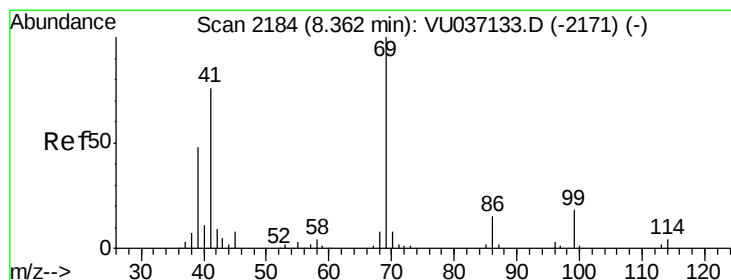
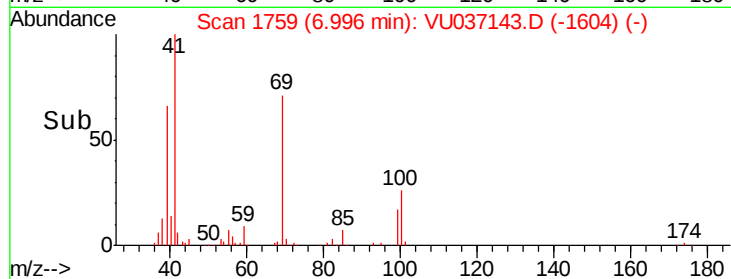
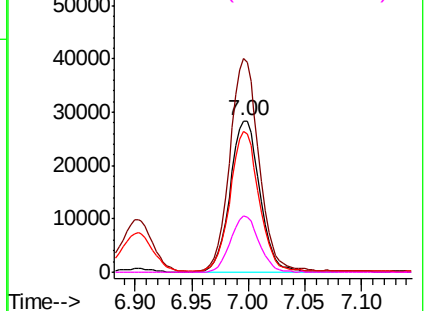
#47
Methyl methacrylate
Concen: 23.152 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 52354
Ion Ratio Lower Upper
69 100
41 136.4 0.0 200.8
39 88.4 43.5 65.3#
100 35.3 31.1 46.7

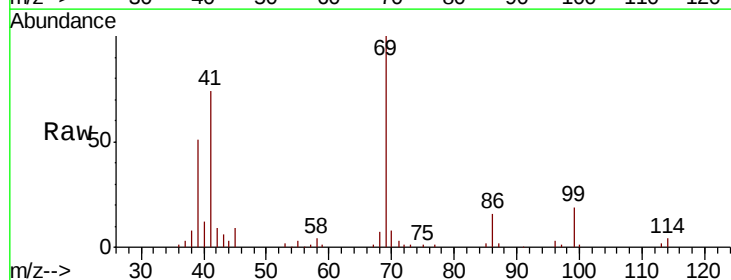


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

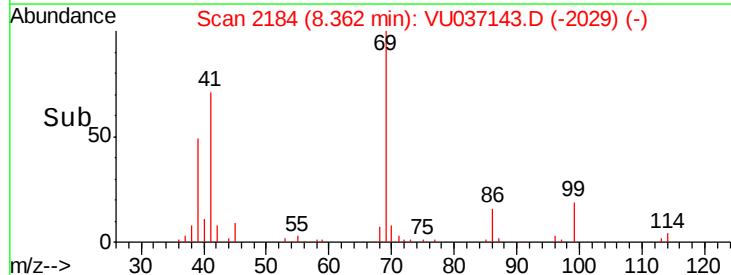
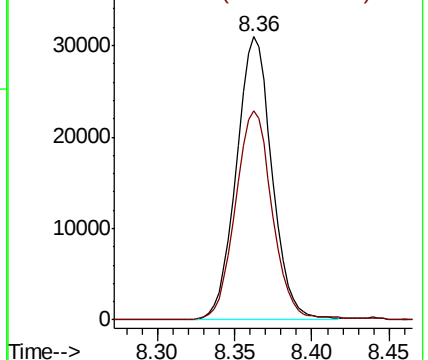


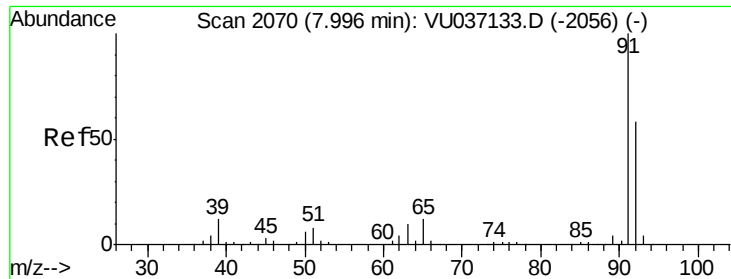
#48
Ethyl methacrylate
Concen: 11.082 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 69 Resp: 49510
Ion Ratio Lower Upper
69 100
41 77.0 27.9 83.6



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





#49

Toluene

Concen: 10.576 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

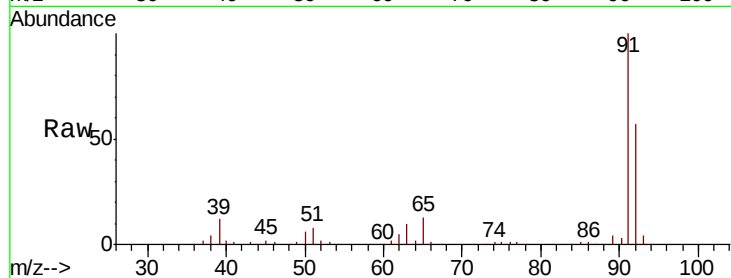
VSTDCCC010

Tot Ion: 92 Resp: 124196

Ion Ratio Lower Upper

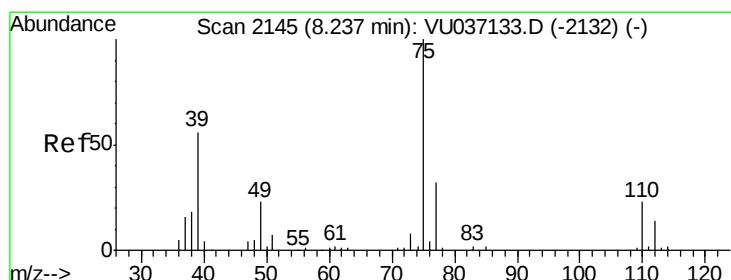
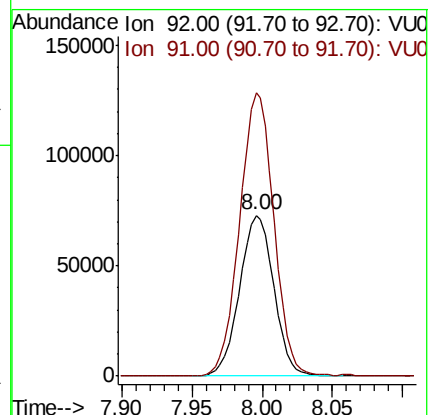
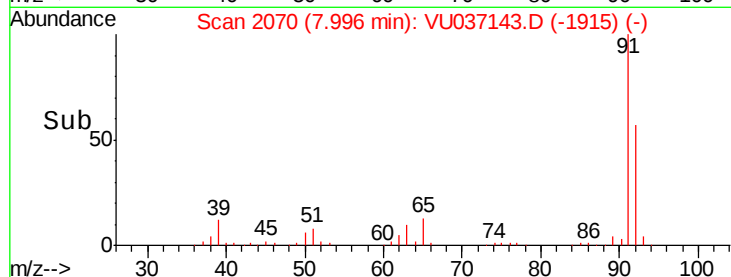
92 100

91 175.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU037143.D (-1915) (-)

Ion 91.00 (90.70 to 91.70): VU037143.D (-1915) (-)



#50

t-1,3-Dichloropropene

Concen: 10.856 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037143.D

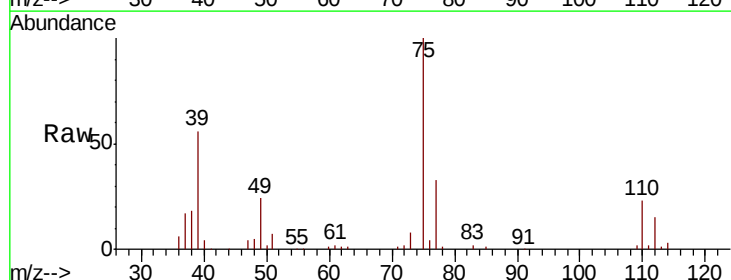
Acq: 10 Mar 2020 09:41

Tgt Ion: 75 Resp: 69664

Ion Ratio Lower Upper

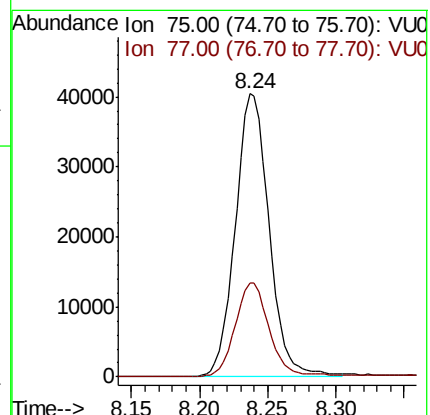
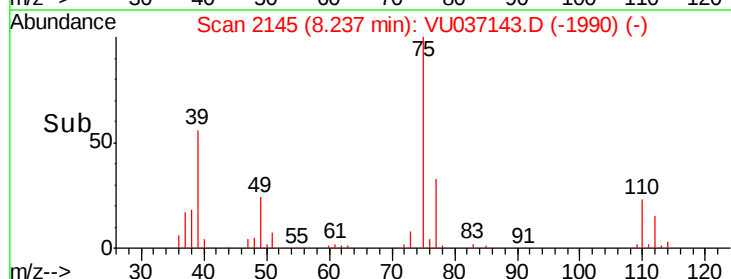
75 100

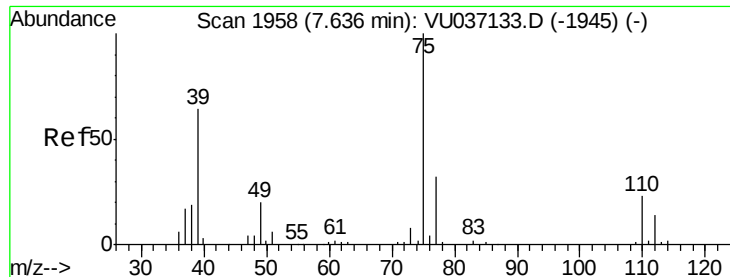
77 33.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037143.D (-1990) (-)

Ion 77.00 (76.70 to 77.70): VU037143.D (-1990) (-)



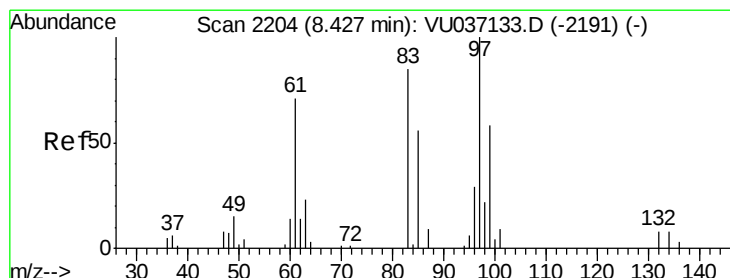
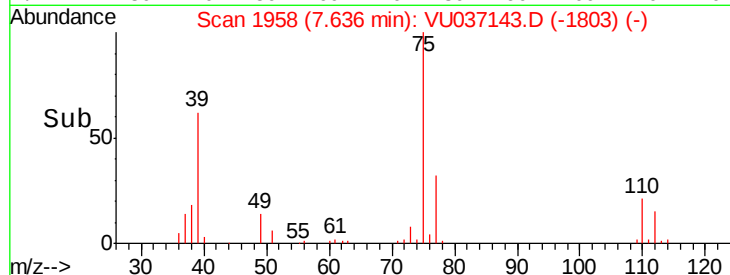
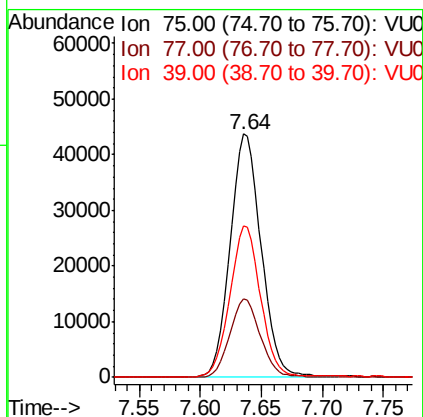
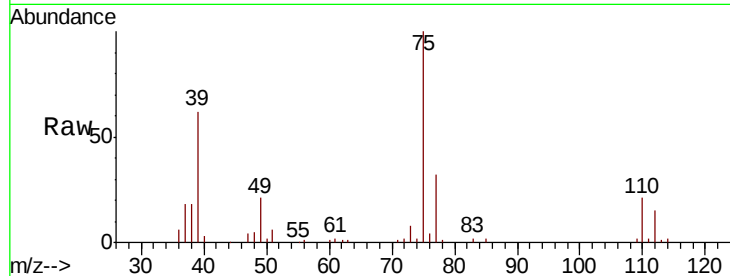


#51

cis-1,3-Dichloropropene
 Concen: 10.576 ug/l
 RT: 7.64 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

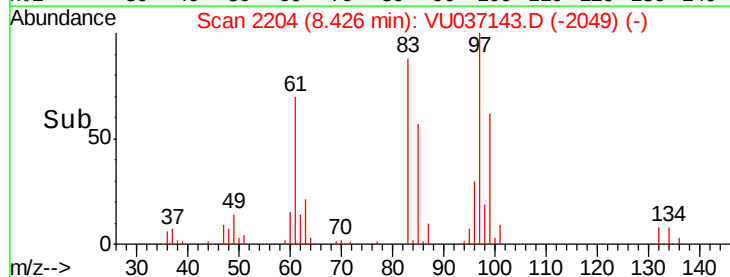
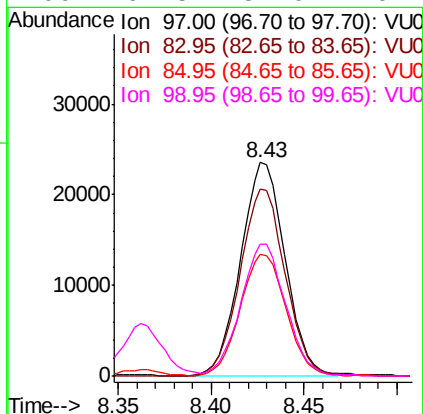
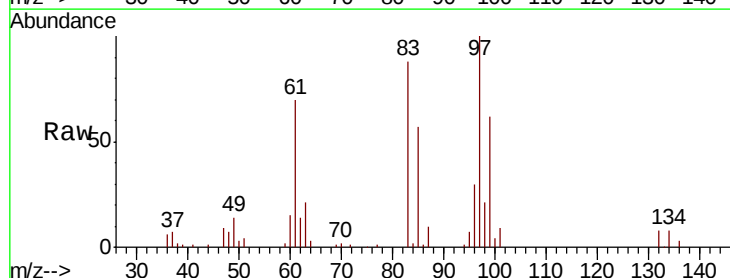
Tot Ion: 75 Resp: 77511
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 62.0 31.8 47.6#

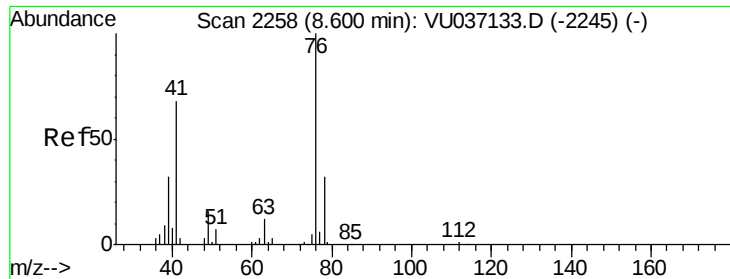


#52

1,1,2-Trichloroethane
 Concen: 10.756 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion: 97 Resp: 39261
 Ion Ratio Lower Upper
 97 100
 83 87.7 70.9 106.3
 85 56.7 45.6 68.4
 99 61.5 51.0 76.4

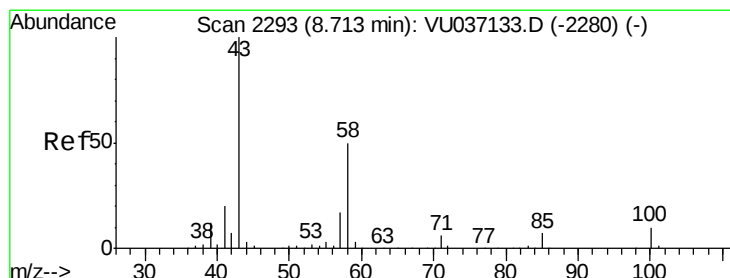
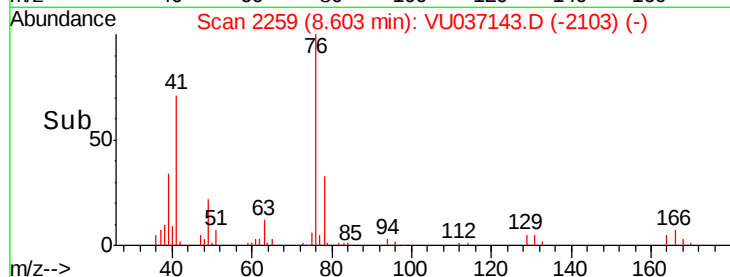
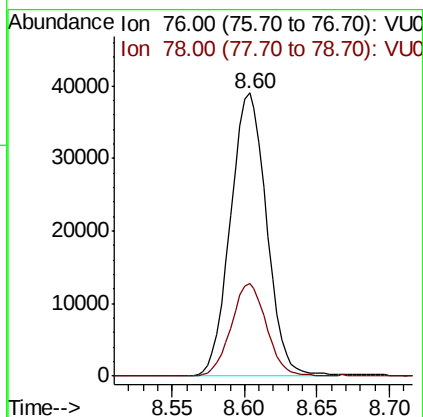
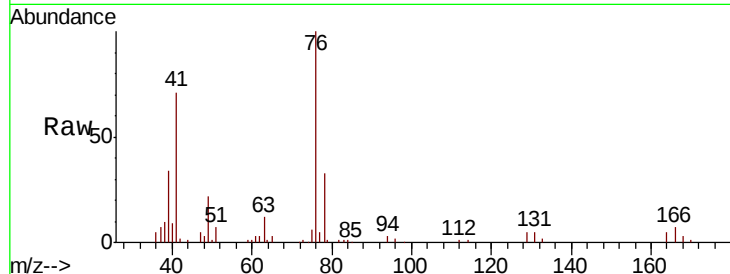




#53
 1,3-Dichloropropane
 Concen: 10.420 ug/l
 RT: 8.60 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

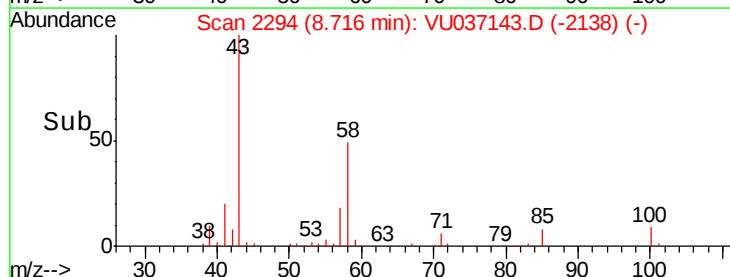
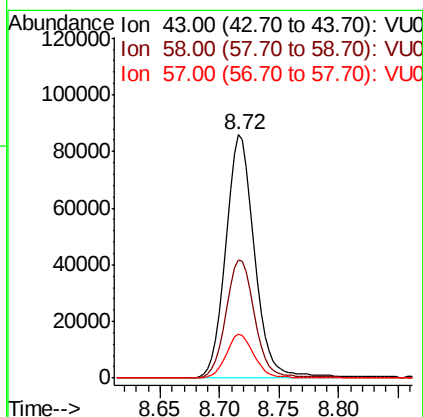
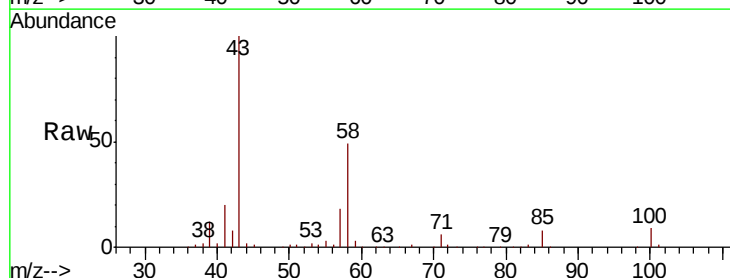
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

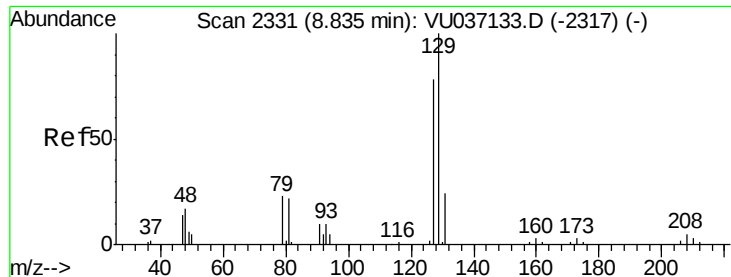
Tot Ion: 76 Resp: 67462
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.2



#54
 2-Hexanone
 Concen: 57.062 ug/l
 RT: 8.72 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion: 43 Resp: 144230
 Ion Ratio Lower Upper
 43 100
 58 49.1 40.6 80.6
 57 17.5 1.2 41.2

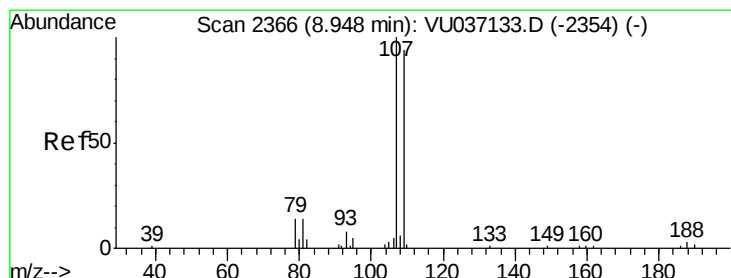
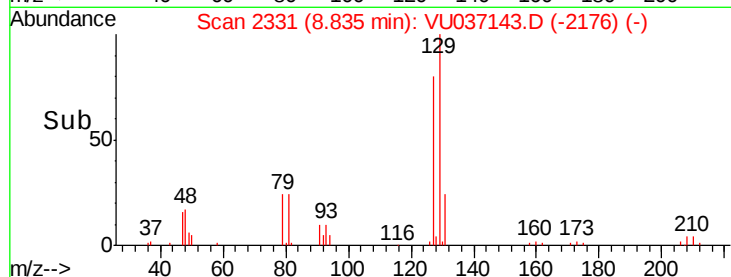
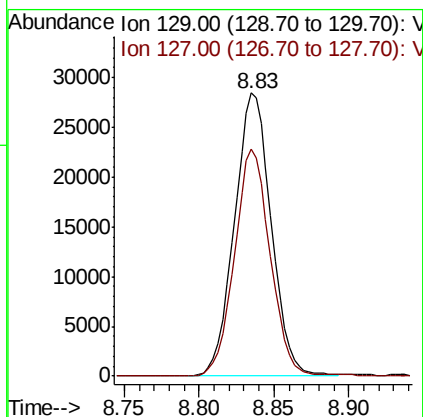
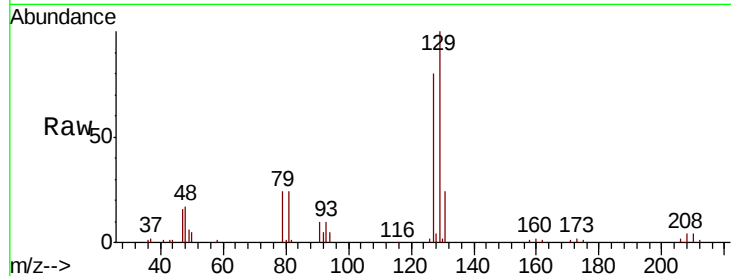




#55
 Dibromochloromethane
 Concen: 10.779 ug/l
 RT: 8.83 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

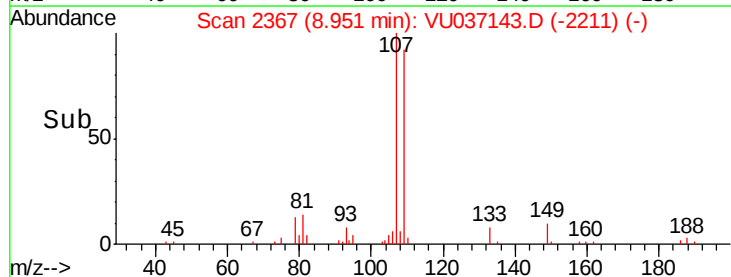
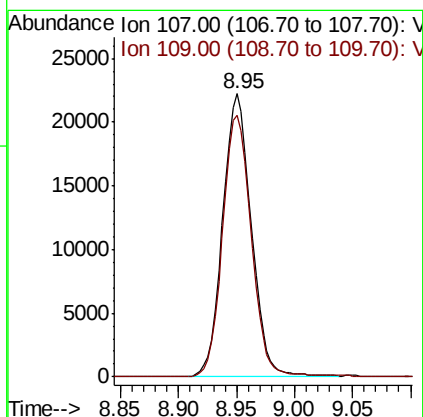
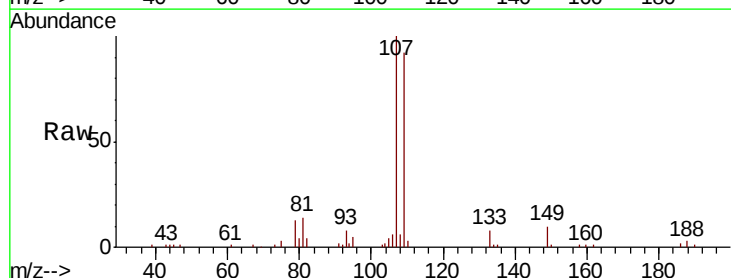
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

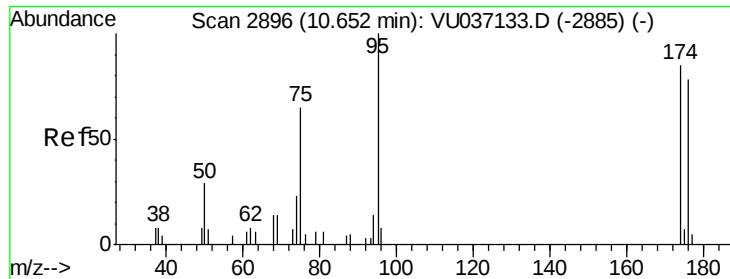
Tot Ion:129 Resp: 48702
 Ion Ratio Lower Upper
 129 100
 127 77.6 62.6 94.0



#56
 1,2-Dibromoethane
 Concen: 10.969 ug/l
 RT: 8.95 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion:107 Resp: 37917
 Ion Ratio Lower Upper
 107 100
 109 93.5 0.0 190.8

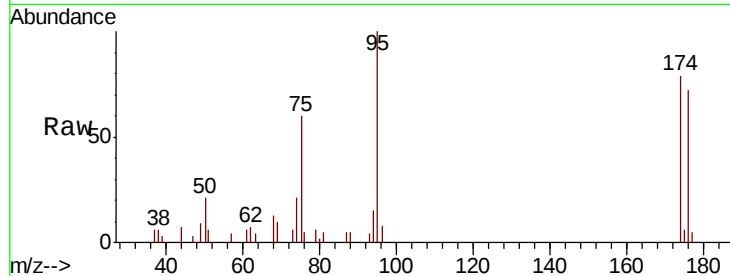




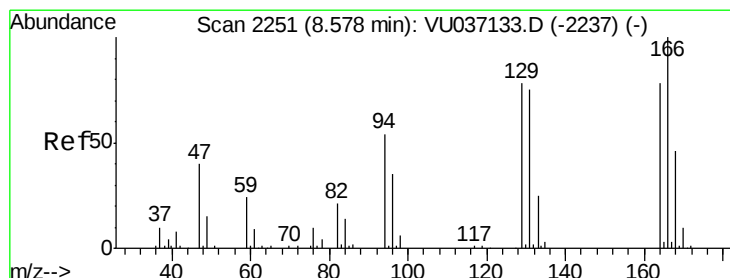
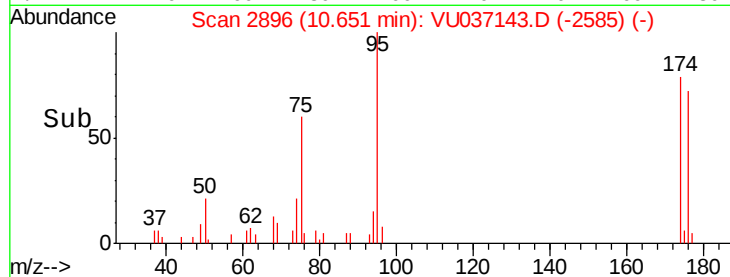
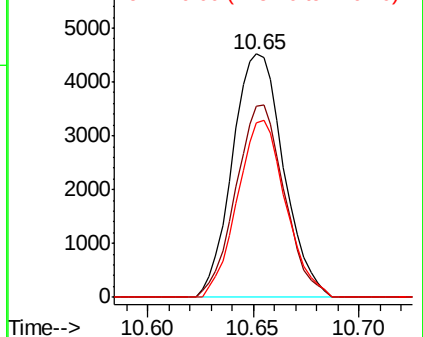
#57
4-Bromofluorobenzene
Concen: 1.220 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 95 Resp: 7609
Ion Ratio Lower Upper
95 100
174 75.1 64.7 97.1
176 68.8 60.6 91.0

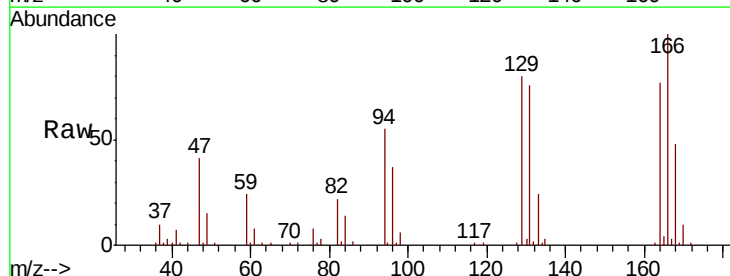


Abundance Ion 95.00 (94.70 to 95.70): VU037143.D (-2096) (-)
Ion 174.00 (173.70 to 174.70): VU037143.D (-2096) (-)
Ion 176.00 (175.70 to 176.70): VU037143.D (-2096) (-)

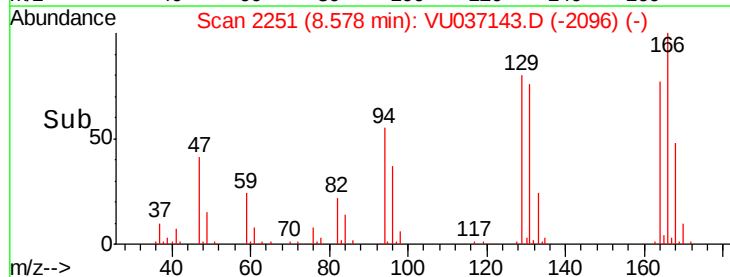
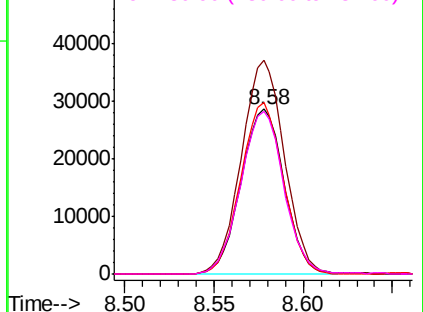


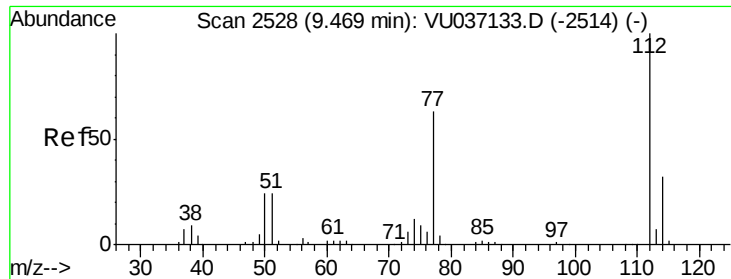
#58
Tetrachloroethene
Concen: 10.119 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 164 Resp: 48462
Ion Ratio Lower Upper
164 100
166 129.7 102.0 153.0
129 104.1 74.9 112.3
131 98.8 72.6 108.8



Abundance Ion 163.85 (163.55 to 164.55): VU037143.D (-2096) (-)
Ion 165.80 (165.50 to 166.50): VU037143.D (-2096) (-)
Ion 128.90 (128.60 to 129.60): VU037143.D (-2096) (-)
Ion 130.90 (130.60 to 131.60): VU037143.D (-2096) (-)





#59

Chlorobenzene

Concen: 10.266 ug/l

RT: 9.47 min Scan# 2529

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

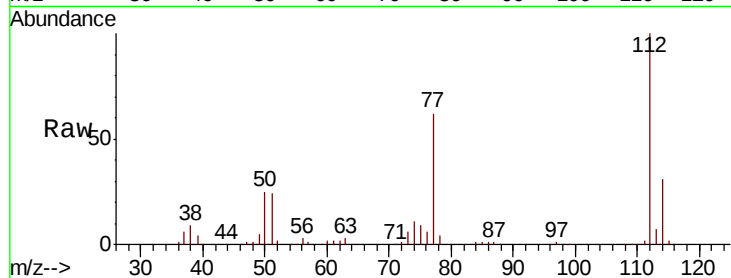
VSTDCCC010

Tot Ion:112 Resp: 134560

Ion Ratio Lower Upper

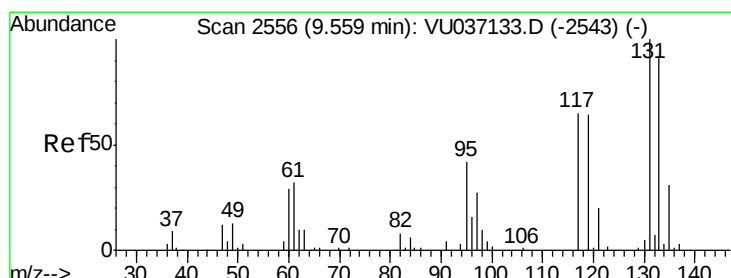
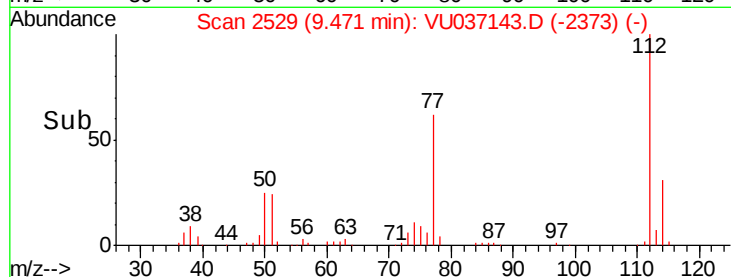
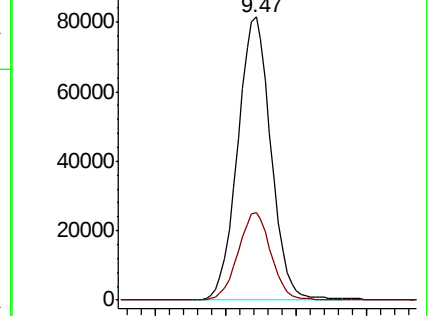
112 100

114 31.1 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 10.316 ug/l

RT: 9.56 min Scan# 2556

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

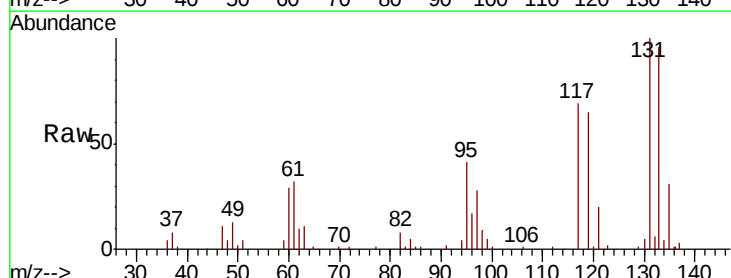
Tgt Ion:131 Resp: 49494

Ion Ratio Lower Upper

131 100

133 97.3 76.4 114.6

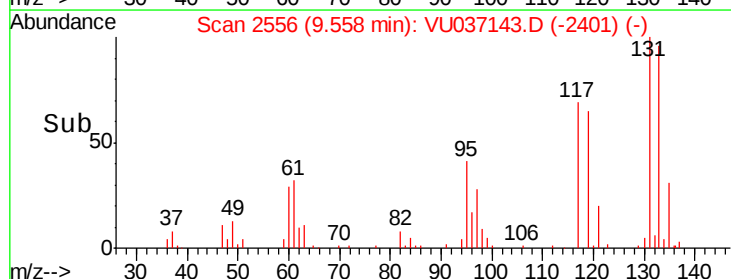
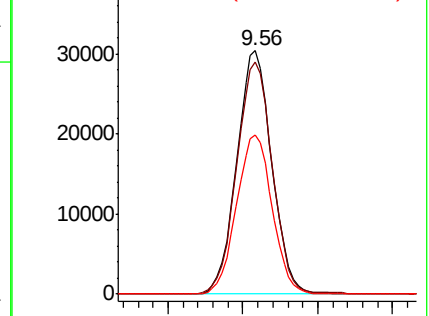
119 66.6 56.6 85.0

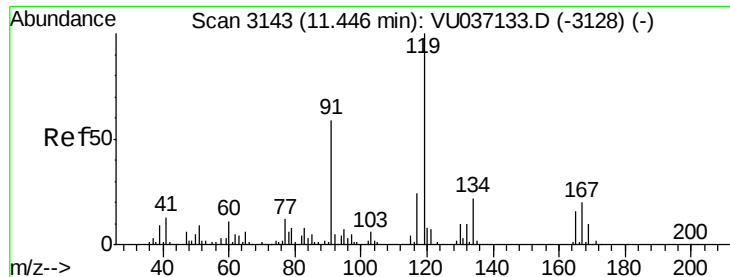


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

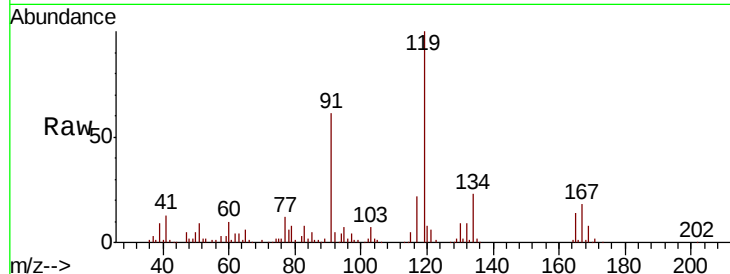




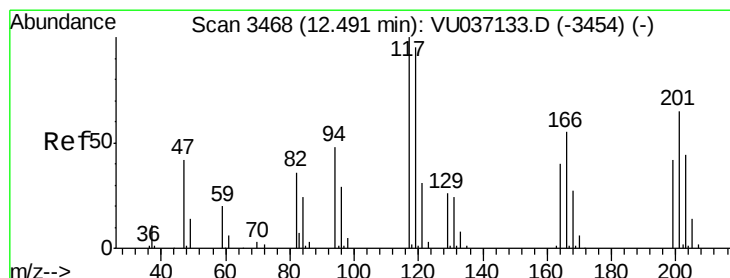
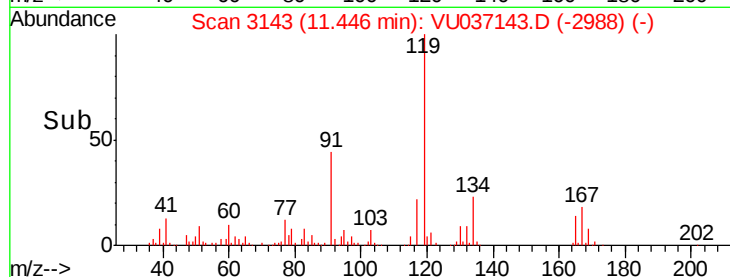
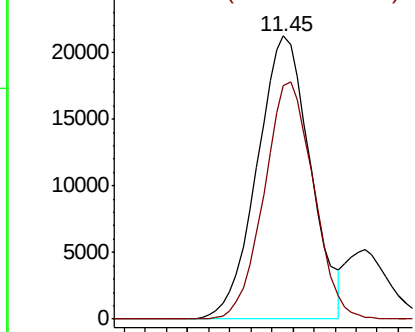
#61
 Pentachloroethane
 Concen: 10.145 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:117 Resp: 37134
 Ion Ratio Lower Upper
 117 100
 167 78.1 66.7 100.1

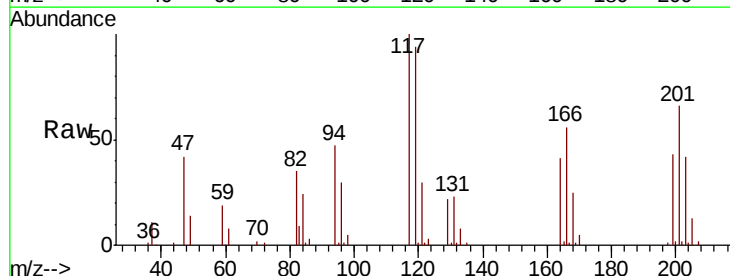


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

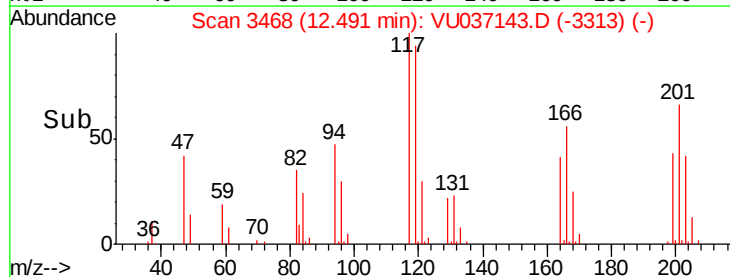
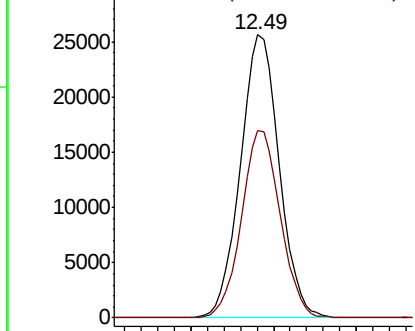


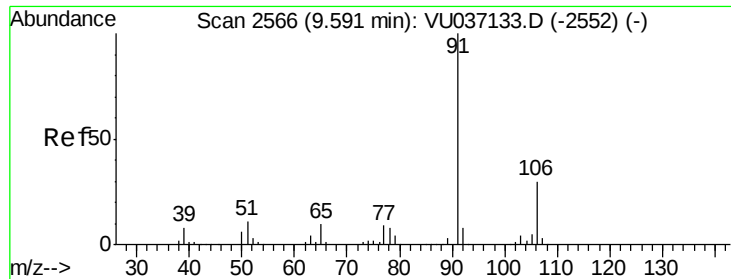
#62
 Hexachloroethane
 Concen: 10.627 ug/l
 RT: 12.49 min Scan# 3468
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion:117 Resp: 41641
 Ion Ratio Lower Upper
 117 100
 201 66.1 65.0 97.4



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

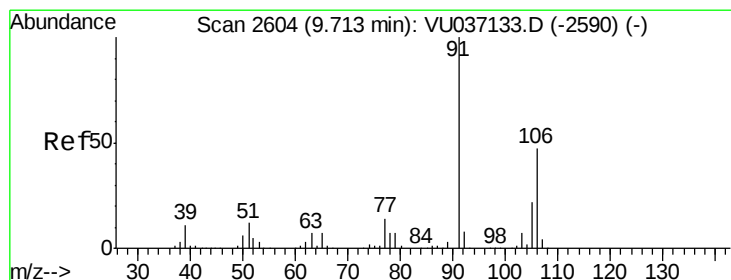
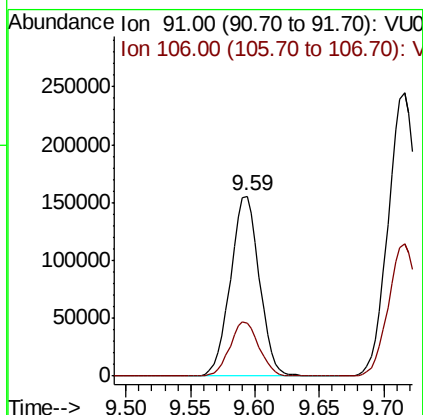
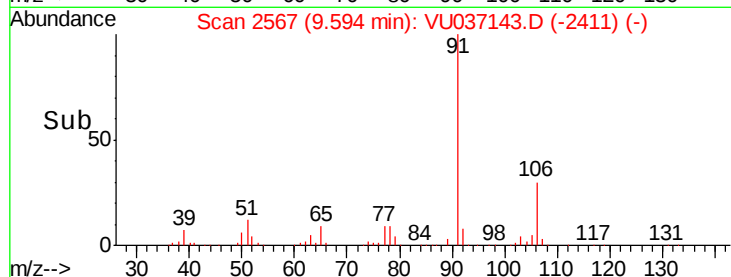
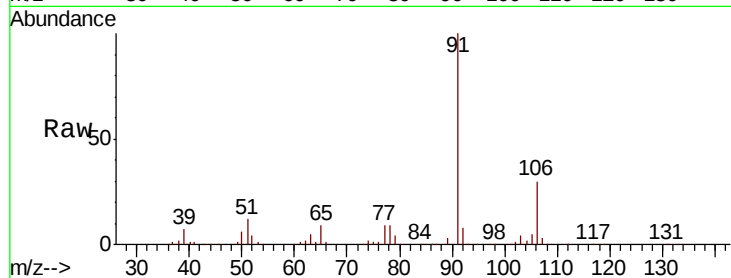




#63
Ethyl Benzene
Concen: 10.865 ug/l
RT: 9.59 min Scan# 2567
Delta R.T. 0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

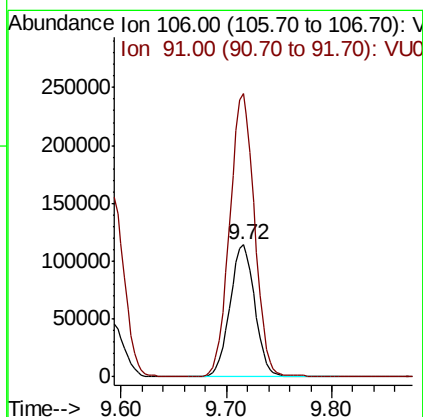
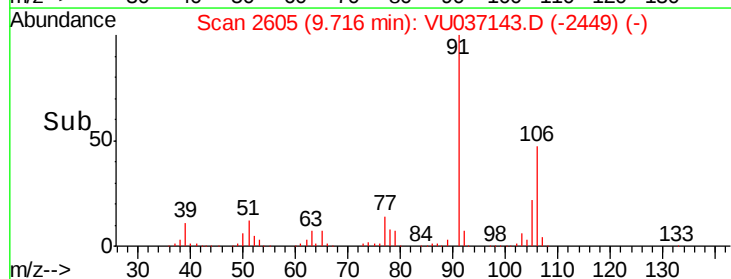
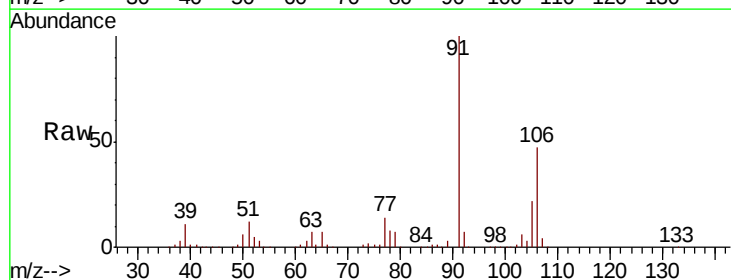
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

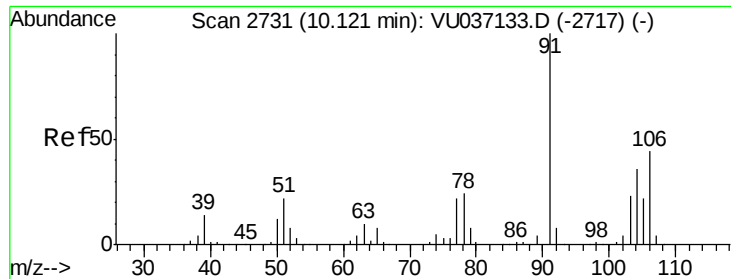
Tot Ion: 91 Resp: 243089
Ion Ratio Lower Upper
91 100
106 29.8 26.0 39.0



#64
m/p-Xylenes
Concen: 22.001 ug/l
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion: 106 Resp: 186345
Ion Ratio Lower Upper
106 100
91 213.0 158.2 237.4

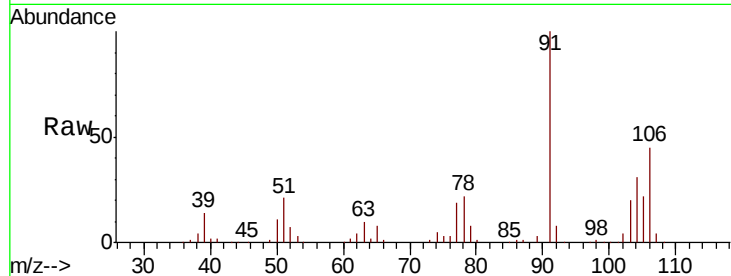




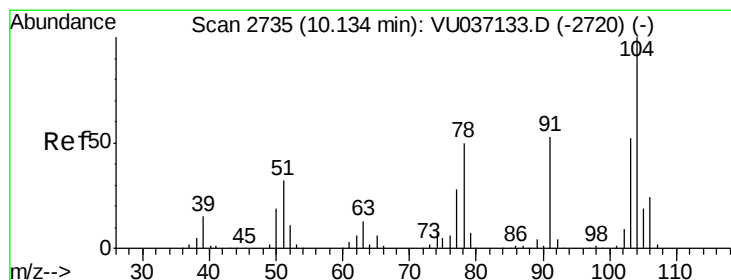
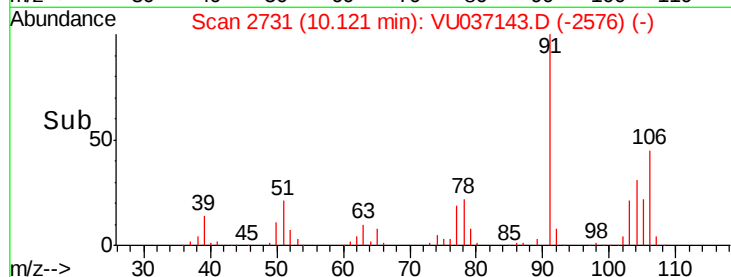
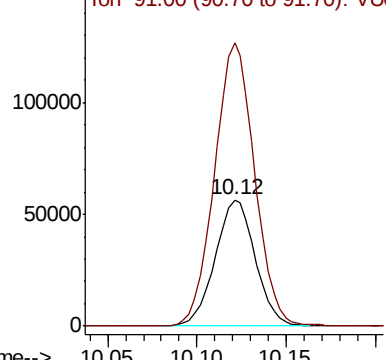
#65
o-Xylene
Concen: 10.865 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:106 Resp: 88796
Ion Ratio Lower Upper
106 100
91 224.3 104.3 312.9

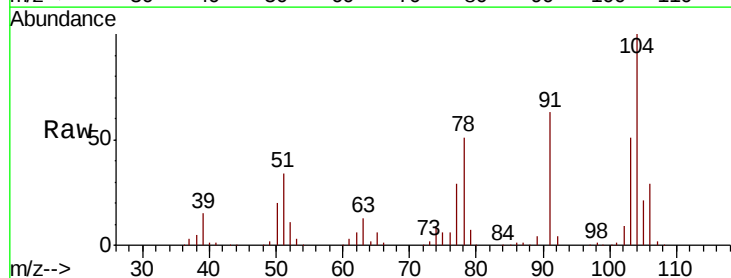


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

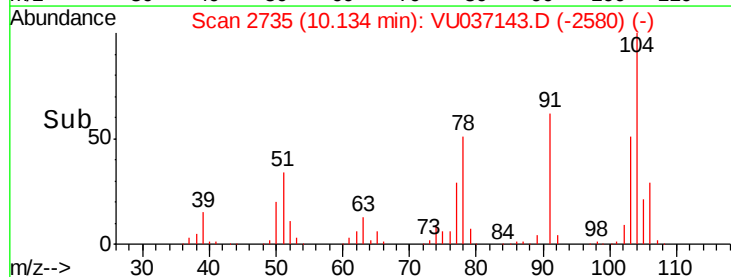
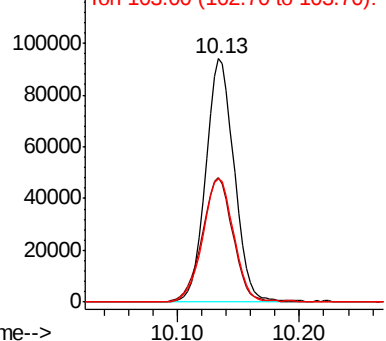


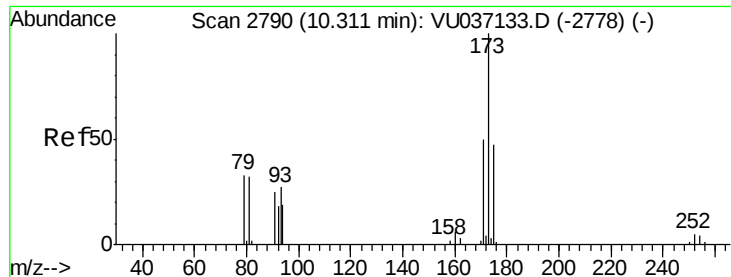
#66
Styrene
Concen: 11.369 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion:104 Resp: 152081
Ion Ratio Lower Upper
104 100
78 55.8 38.6 57.8
103 55.1 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: 11.180 ug/l

RT: 10.31 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

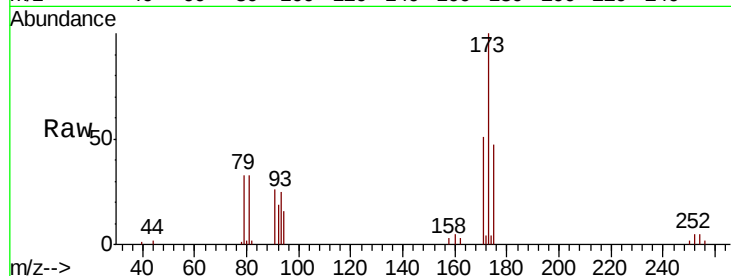
Tot Ion:173 Resp: 26664

Ion Ratio Lower Upper

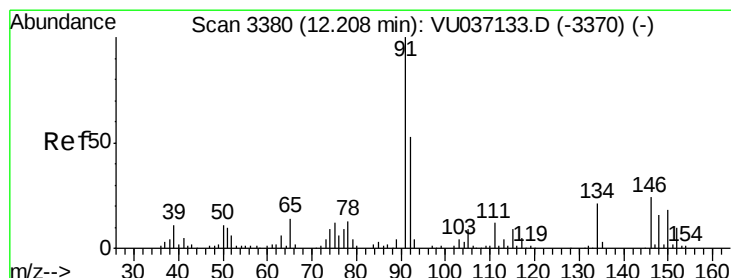
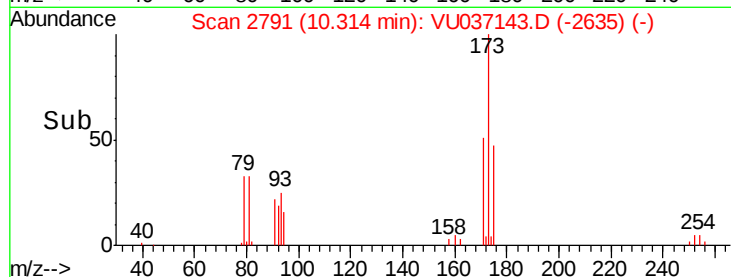
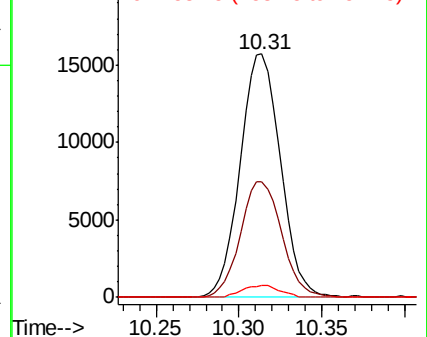
173 100

175 48.7 38.3 57.5

254 4.4 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: 1.001 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

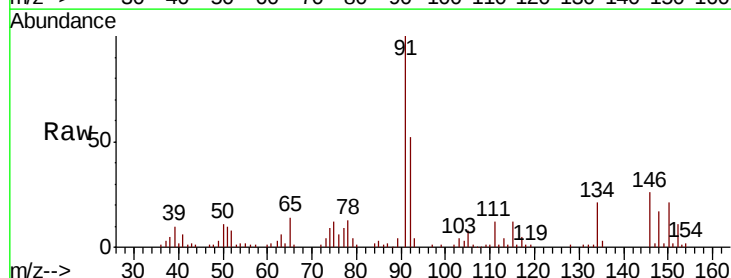
Tgt Ion:152 Resp: 6363

Ion Ratio Lower Upper

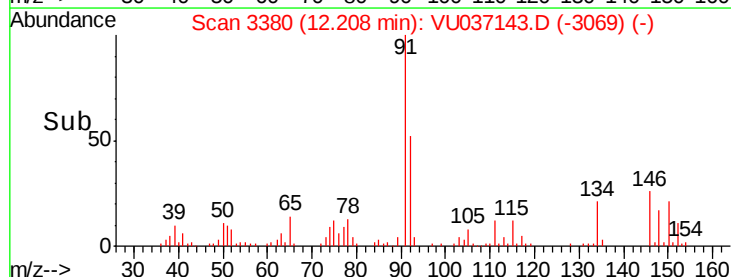
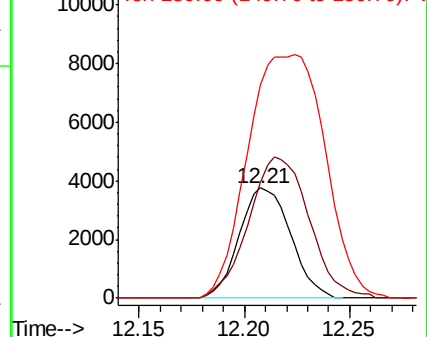
152 100

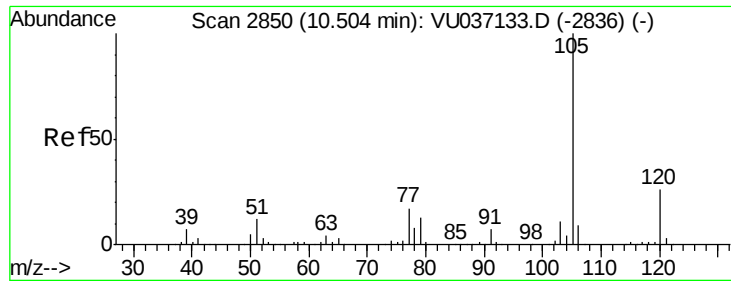
115 150.7 0.0 241.8

150 332.0 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: 10.840 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

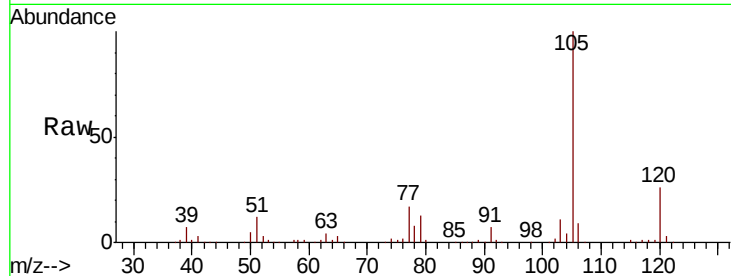
VSTDCCC010

Tot Ion:105 Resp: 241471

Ion Ratio Lower Upper

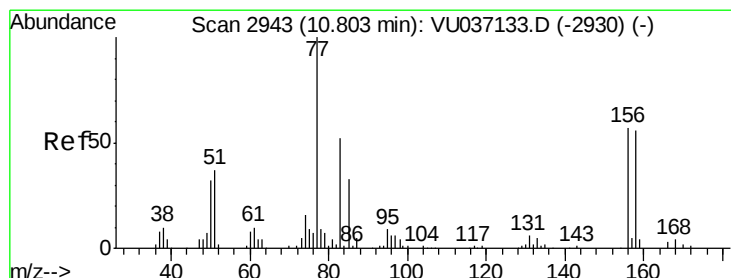
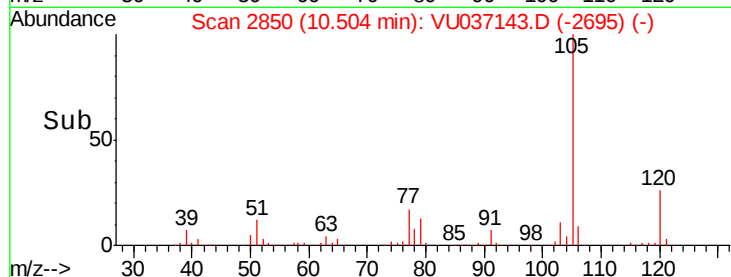
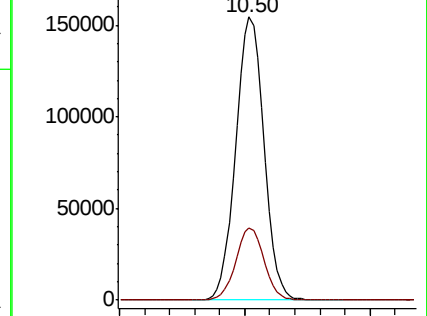
105 100

120 25.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.807 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

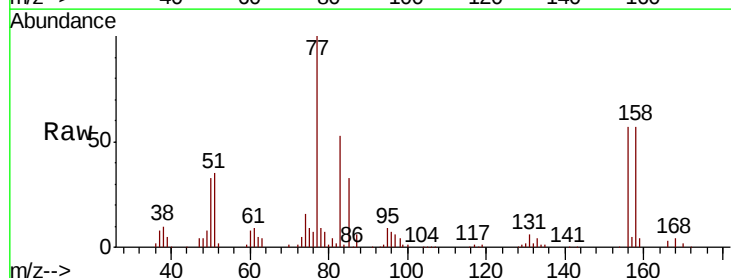
Tgt Ion: 83 Resp: 51886

Ion Ratio Lower Upper

83 100

131 9.8 7.8 11.8

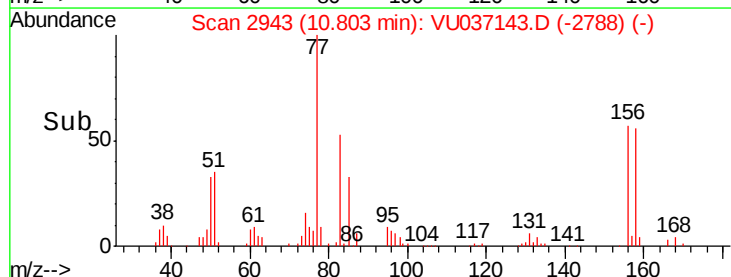
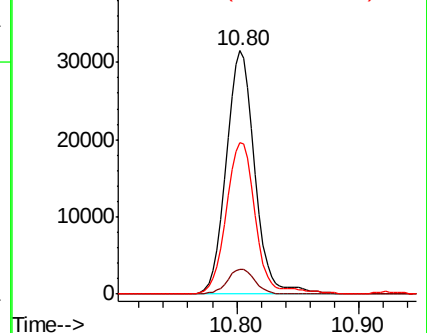
85 62.3 53.2 79.8

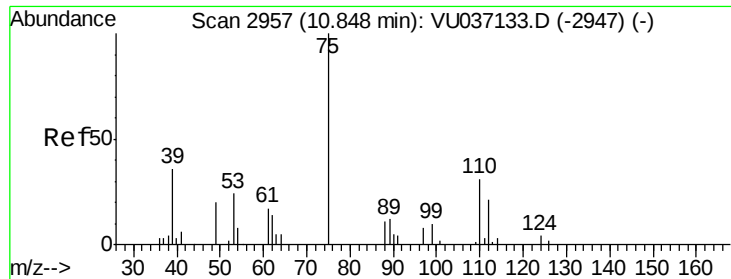


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

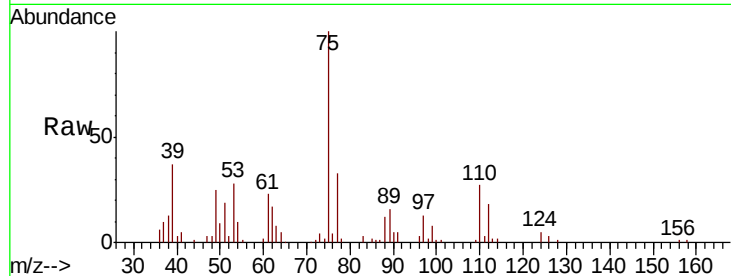




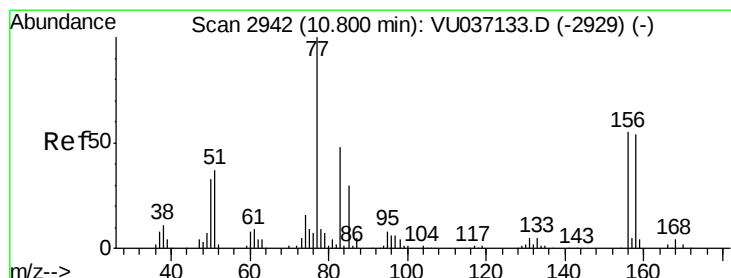
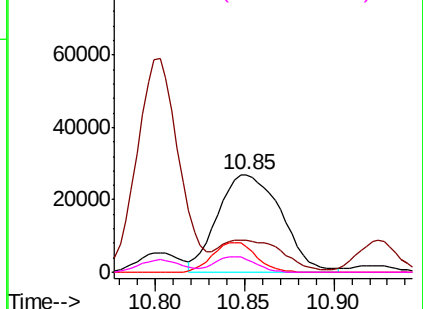
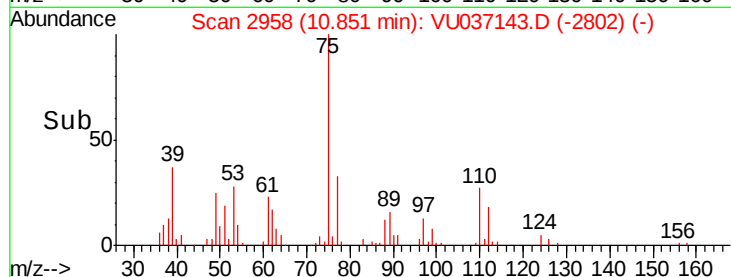
#71
 1,2,3-Trichloropropane
 Concen: 17.053 ug/l
 RT: 10.85 min Scan# 2958
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	75	Resp:	66936
Ion	Ratio	Lower	Upper
75	100		
77	32.3	0.0	129.6
110	20.8	0.0	77.4
97	10.5	0.0	42.0

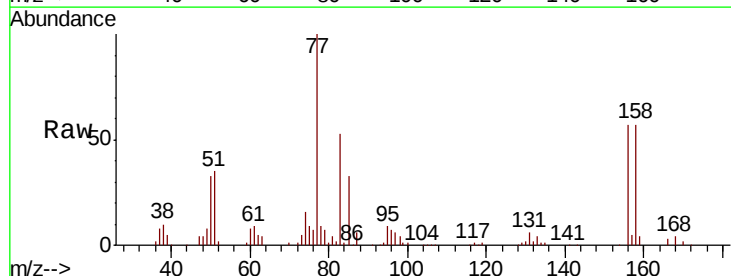


Abundance Ion 75.00 (74.70 to 75.70): VU037143.D (-2947) (-)
 Ion 77.00 (76.70 to 77.70): VU037143.D (-2947) (-)
 Ion 110.00 (109.70 to 110.70): VU037143.D (-2947) (-)
 Ion 97.00 (96.70 to 97.70): VU037143.D (-2947) (-)

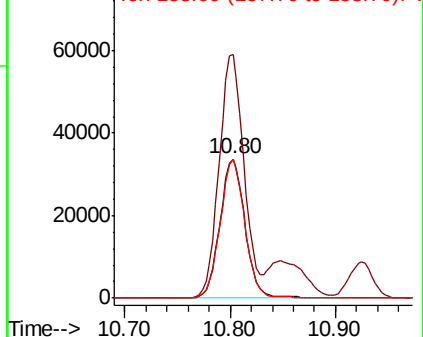
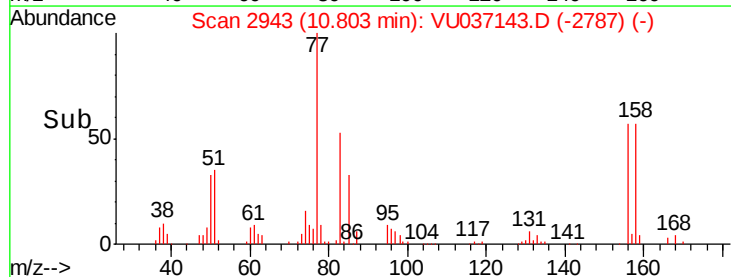


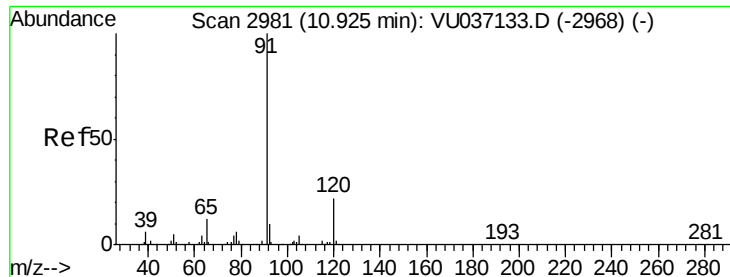
#72
 Bromobenzene
 Concen: 10.276 ug/l
 RT: 10.80 min Scan# 2943
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion:	156	Resp:	55389
Ion	Ratio	Lower	Upper
156	100		
77	175.2	0.0	306.6
158	97.8	0.0	192.0



Abundance Ion 156.00 (155.70 to 156.70): VU037143.D (-2787) (-)
 Ion 77.00 (76.70 to 77.70): VU037143.D (-2787) (-)
 Ion 158.00 (157.70 to 158.70): VU037143.D (-2787) (-)

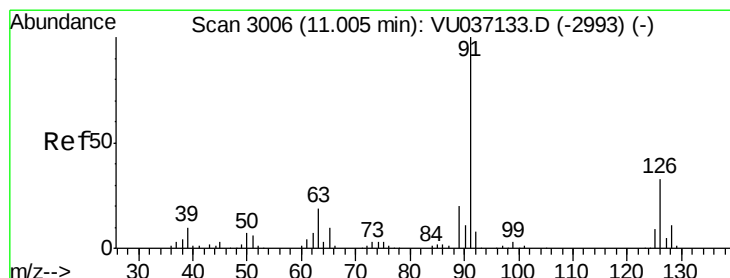
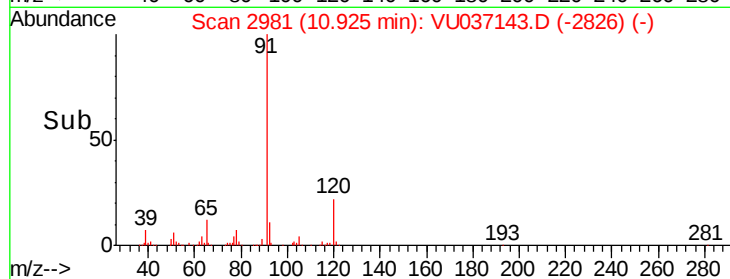
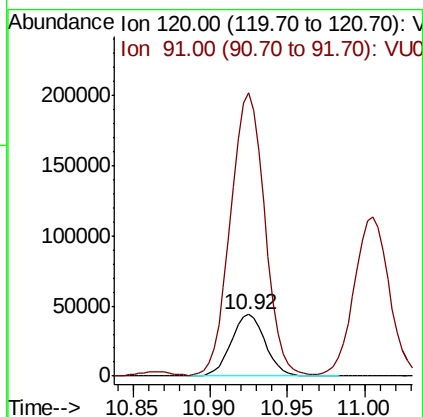
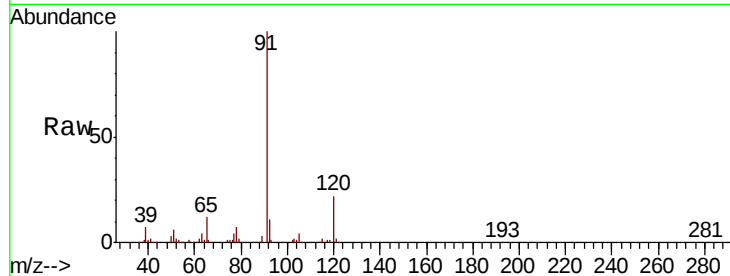




#73
n-propylbenzene
Concen: 11.366 ug/l
RT: 10.92 min Scan# 2981
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

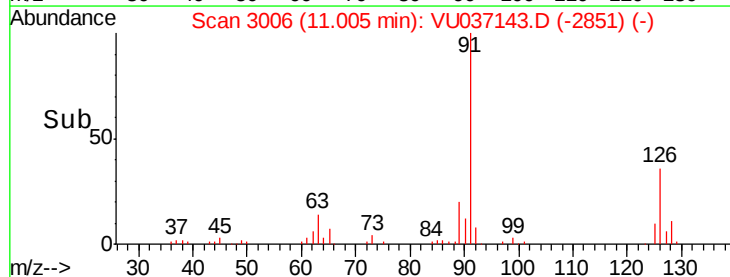
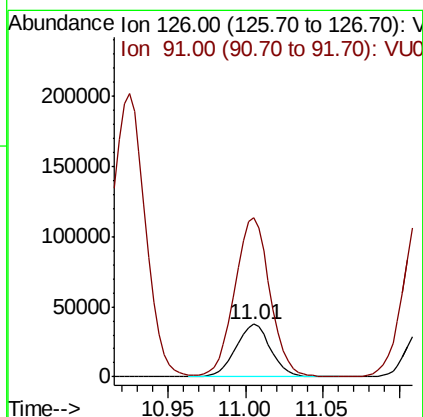
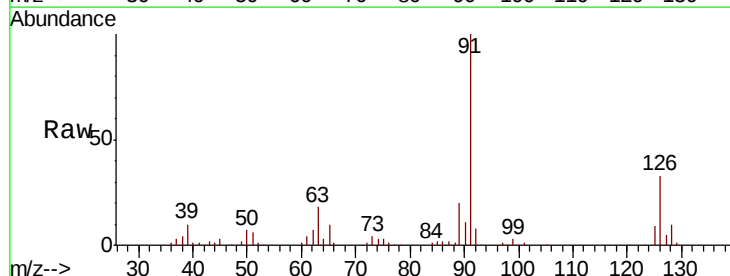
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

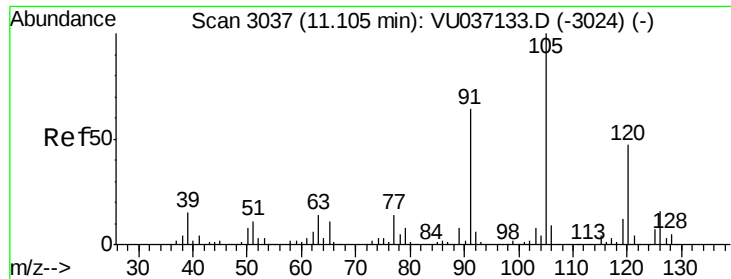
Tot Ion:120 Resp: 67118
Ion Ratio Lower Upper
120 100
91 458.8 329.5 494.3



#74
2-Chlorotoluene
Concen: 10.897 ug/l
RT: 11.01 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion:126 Resp: 58246
Ion Ratio Lower Upper
126 100
91 305.2 0.0 567.4

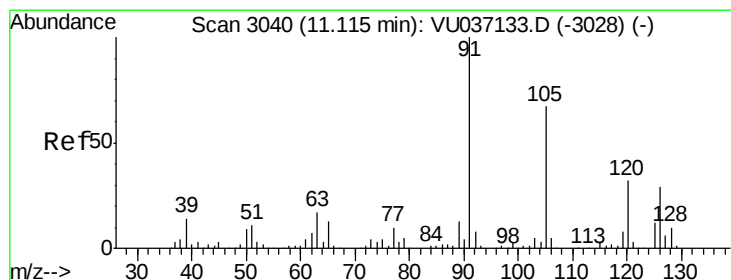
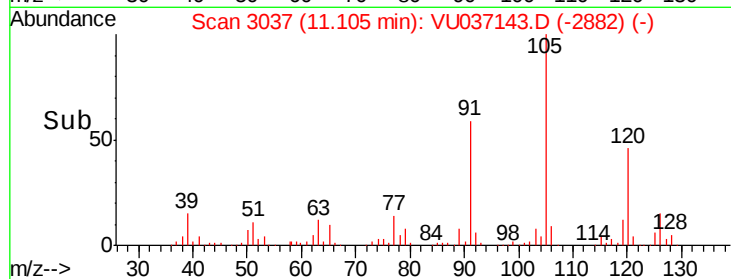
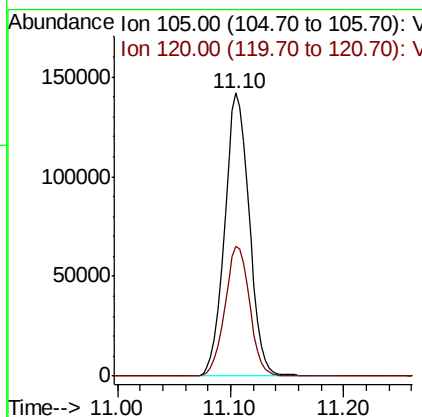
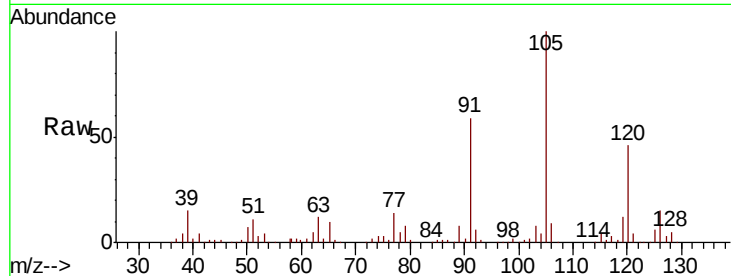




#75
 1,3,5-Trimethylbenzene
 Concen: 11.126 ug/l
 RT: 11.10 min Scan# 3037
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

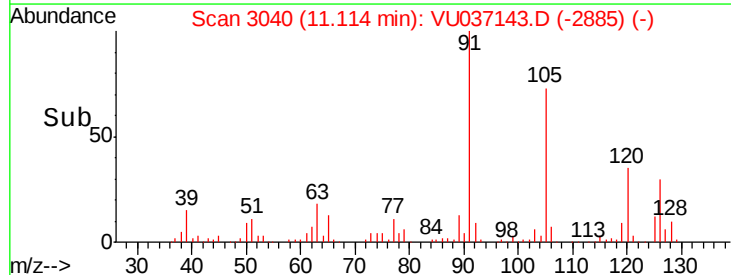
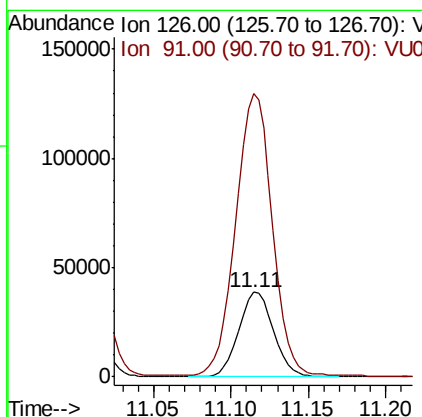
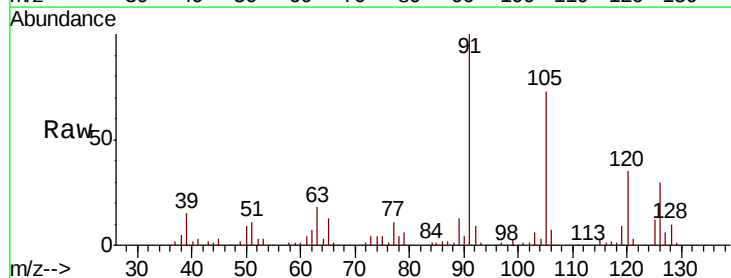
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

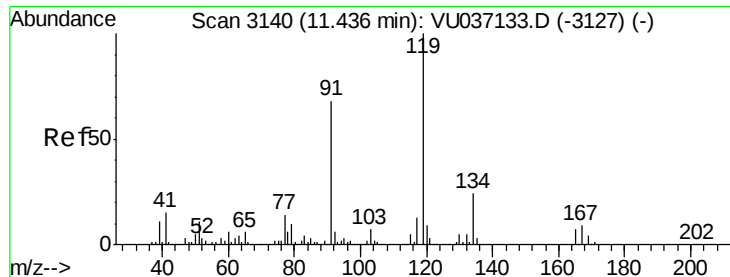
Tot Ion:105 Resp: 214585
 Ion Ratio Lower Upper
 105 100
 120 46.2 39.8 59.8



#76
 4-Chlorotoluene
 Concen: 11.206 ug/l
 RT: 11.11 min Scan# 3040
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion:126 Resp: 60297
 Ion Ratio Lower Upper
 126 100
 91 357.3 0.0 633.0





#77

tert-Butylbenzene

Concen: 10.597 ug/l

RT: 11.44 min Scan# 3141

Delta R.T. 0.00 min

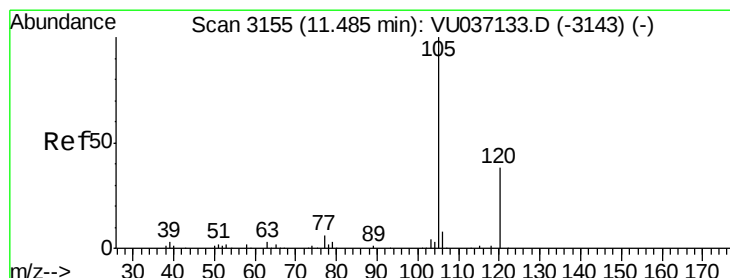
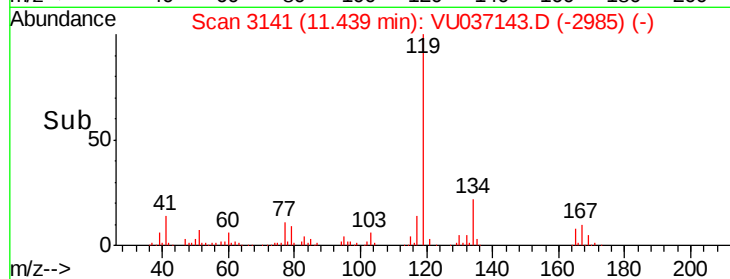
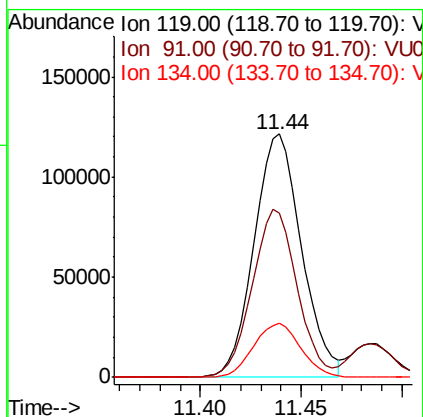
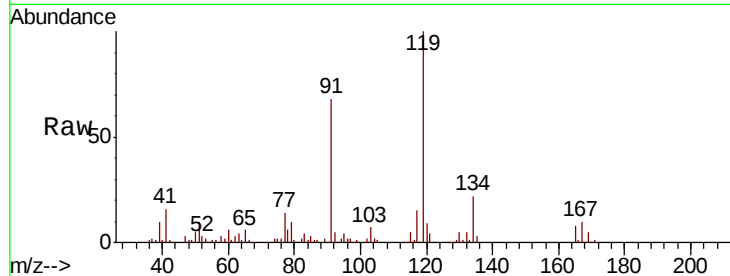
Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:119 Resp: 199237

Ion	Ratio	Lower	Upper
119	100		
91	65.5	29.3	87.8
134	22.3	19.0	28.4



#78

1,2,4-Trimethylbenzene

Concen: 11.450 ug/l

RT: 11.48 min Scan# 3155

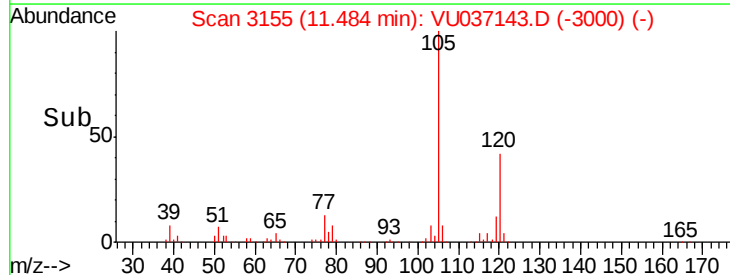
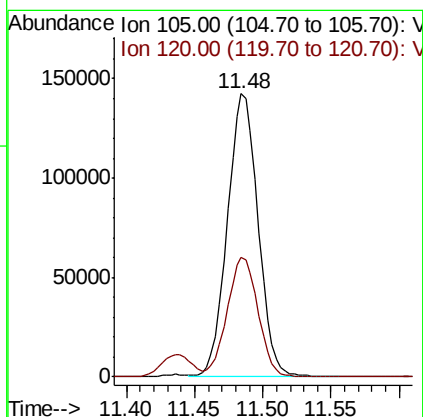
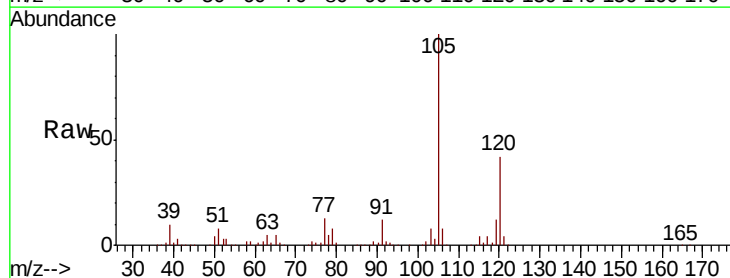
Delta R.T. -0.00 min

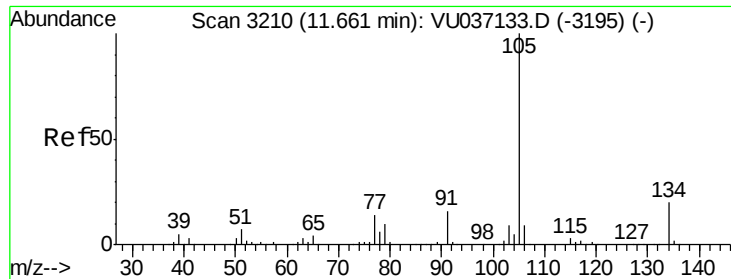
Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Tgt Ion:105 Resp: 222922

Ion	Ratio	Lower	Upper
105	100		
120	42.6	23.3	69.8

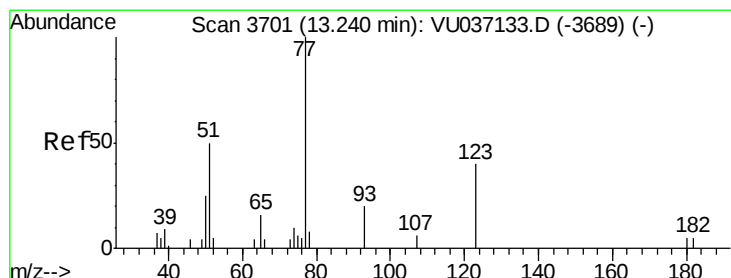
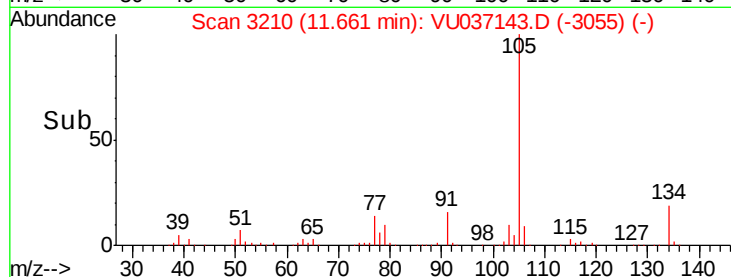
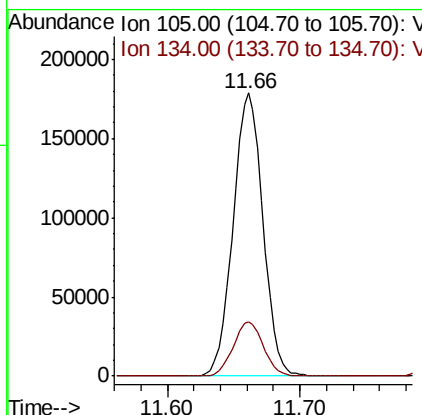
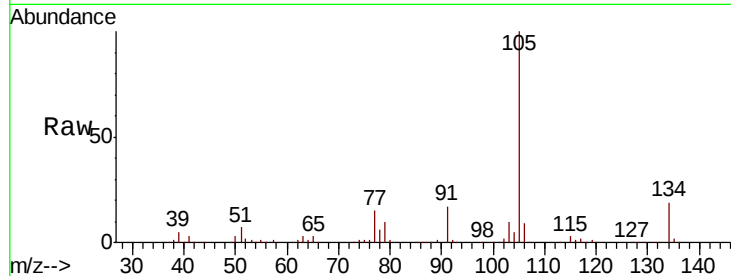




#79
 sec-Butylbenzene
 Concen: 10.882 ug/l
 RT: 11.66 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

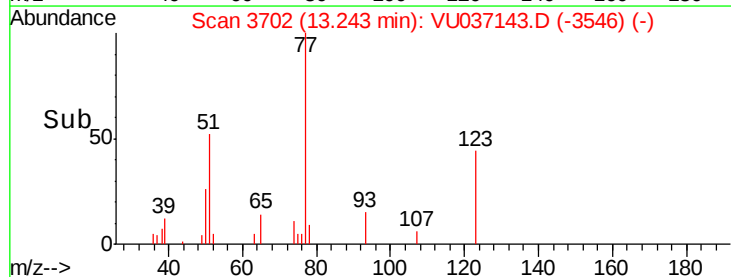
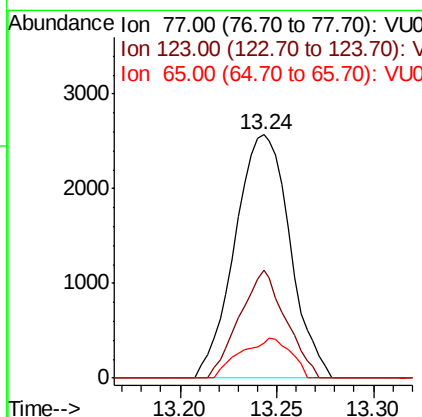
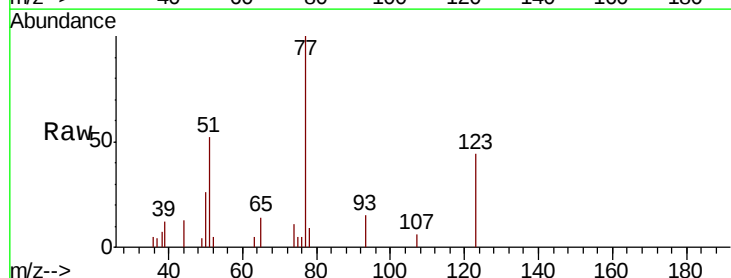
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

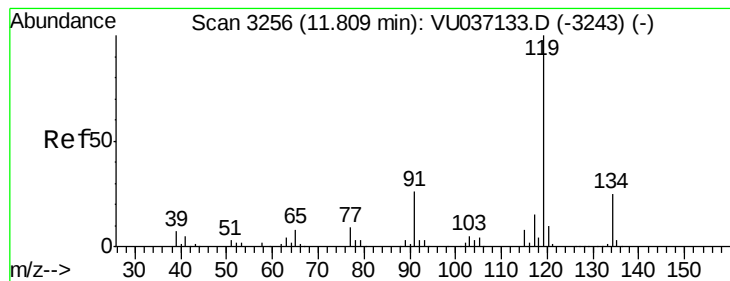
Tot Ion: 105 Resp: 278390
 Ion Ratio Lower Upper
 105 100
 134 19.4 16.0 24.0



#80
 Nitrobenzene
 Concen: 48.225 ug/l
 RT: 13.24 min Scan# 3702
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion: 77 Resp: 5068
 Ion Ratio Lower Upper
 77 100
 123 37.3 19.6 69.6
 65 14.9 12.7 16.1





#81

p-Isopropyltoluene

Concen: 11.390 ug/l

RT: 11.81 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

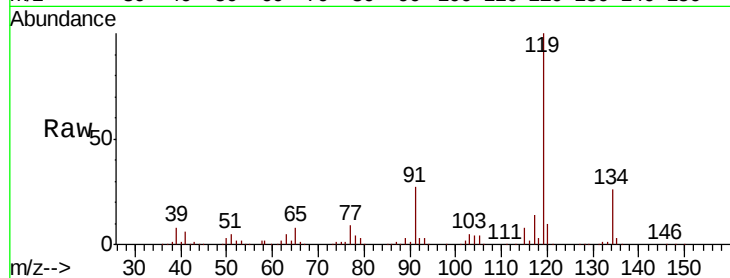
Tot Ion:119 Resp: 229656

Ion Ratio Lower Upper

119 100

134 25.7 21.4 32.0

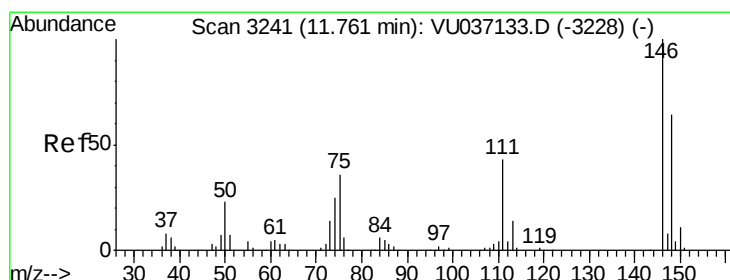
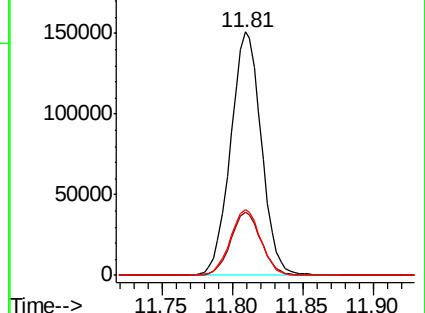
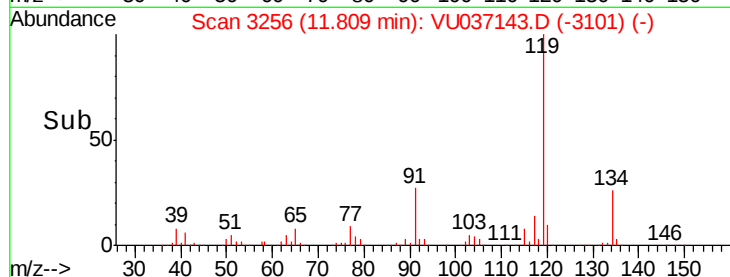
91 26.8 18.3 27.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU



#82

1,3-Dichlorobenzene

Concen: 10.543 ug/l

RT: 11.76 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VU037143.D

Acq: 10 Mar 2020 09:41

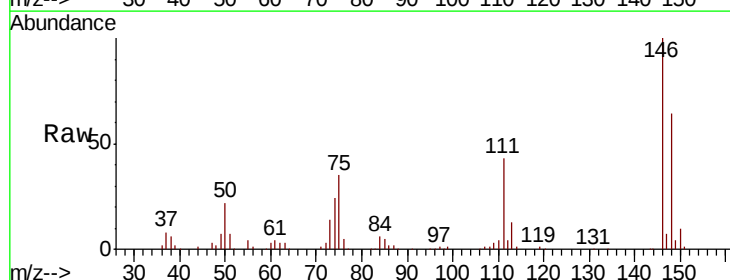
Tgt Ion:146 Resp: 112597

Ion Ratio Lower Upper

146 100

111 43.4 32.2 48.2

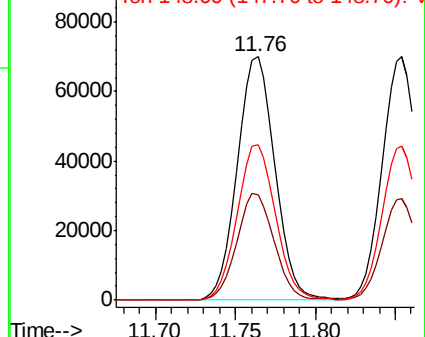
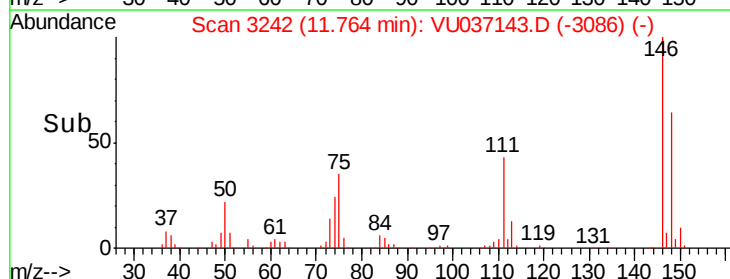
148 64.8 51.4 77.2

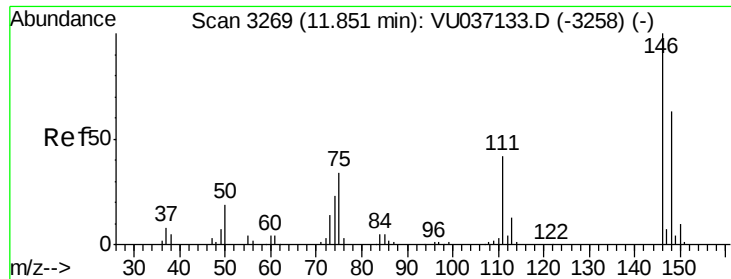


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

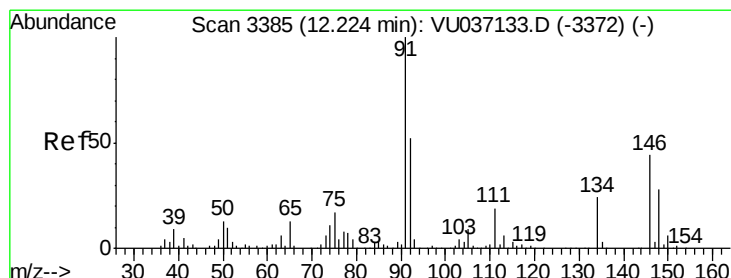
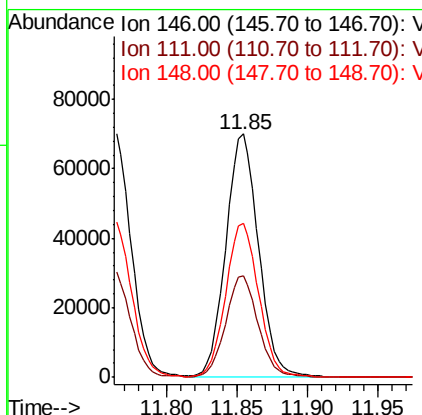
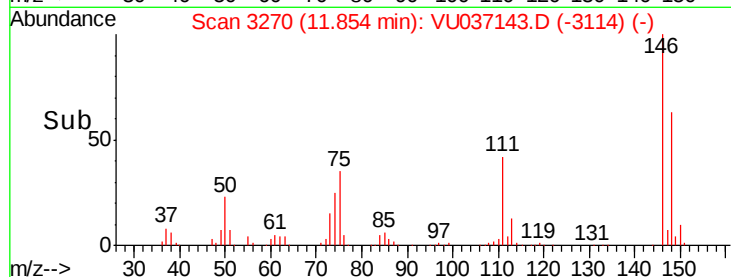
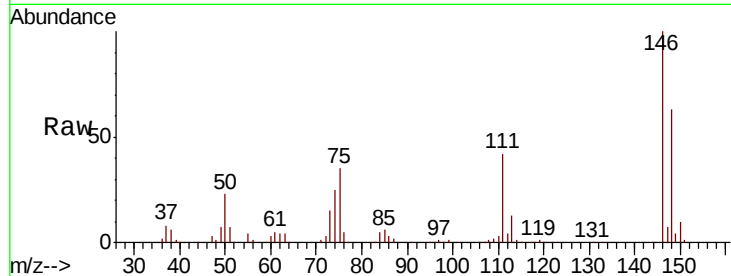




#83
 1,4-Dichlorobenzene
 Concen: 10.525 ug/l
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

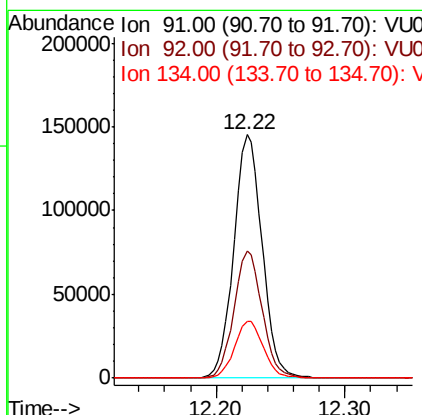
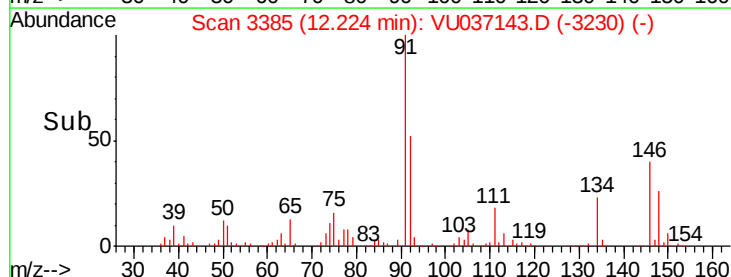
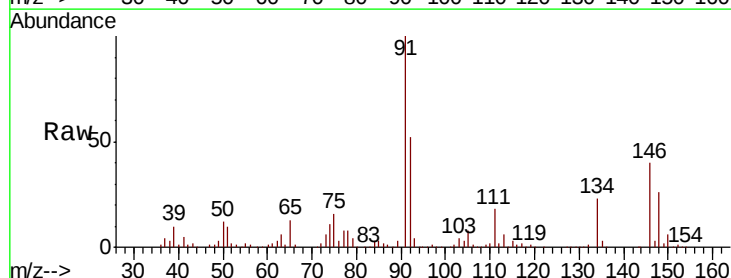
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

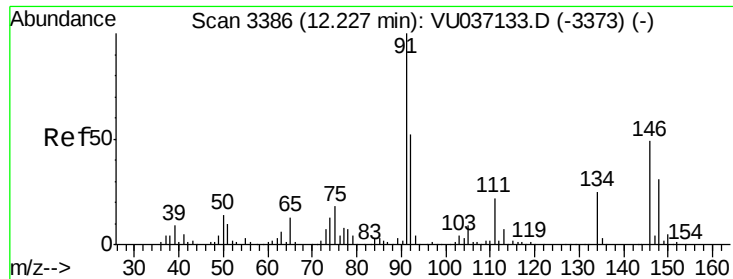
Tot Ion:146 Resp: 113888
 Ion Ratio Lower Upper
 146 100
 111 41.3 30.5 45.7
 148 63.6 51.0 76.4



#84
 n-Butylbenzene
 Concen: 11.639 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion: 91 Resp: 222313
 Ion Ratio Lower Upper
 91 100
 92 51.8 42.9 64.3
 134 23.7 21.4 32.0

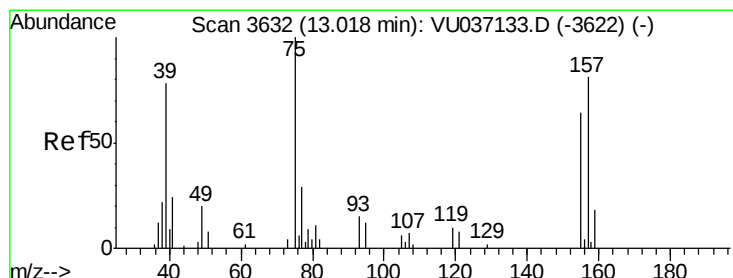
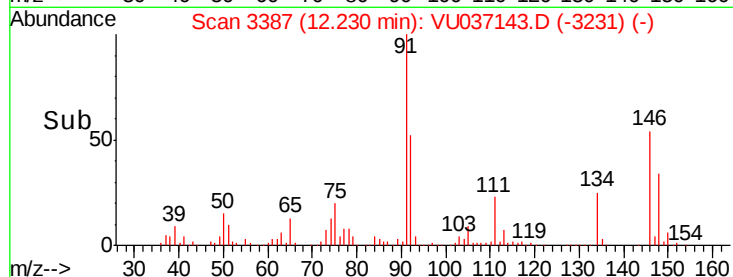
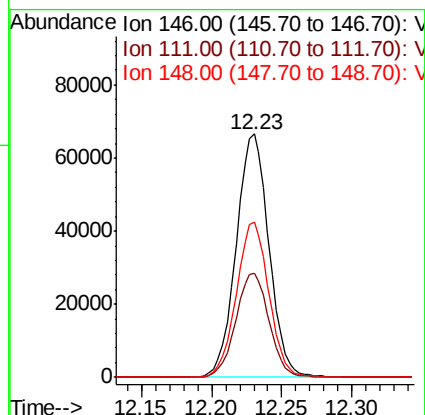
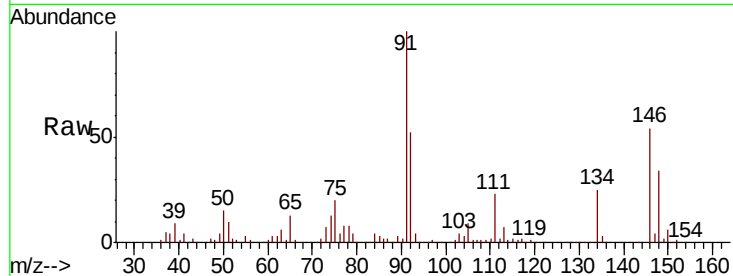




#85
 1,2-Dichlorobenzene
 Concen: 10.473 ug/l
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

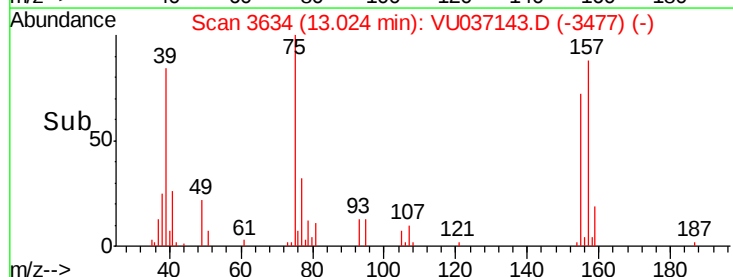
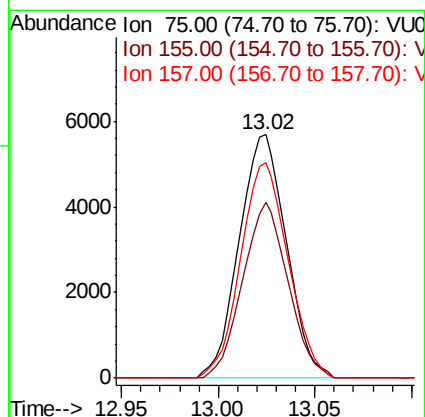
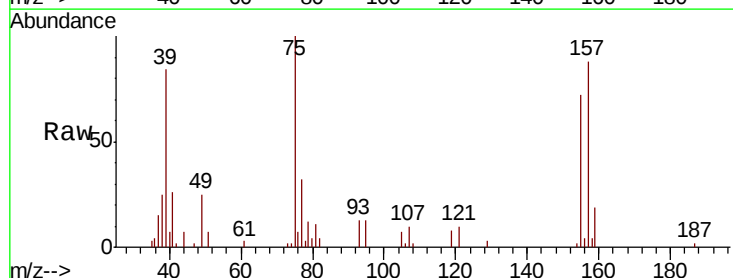
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

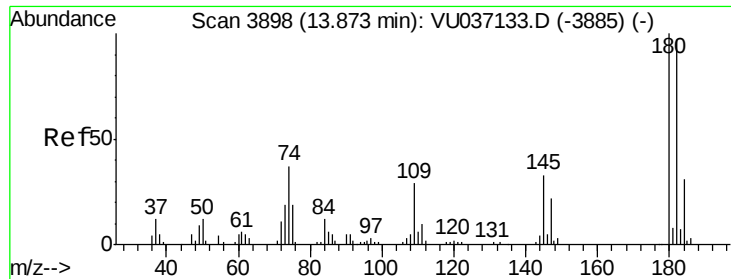
Tot Ion:146 Resp: 108238
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.8 62.4
 148 63.4 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.405 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. 0.01 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion: 75 Resp: 9664
 Ion Ratio Lower Upper
 75 100
 155 69.2 71.8 107.8#
 157 88.7 92.4 138.6#

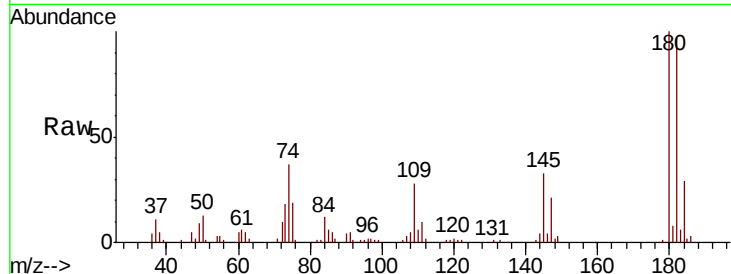




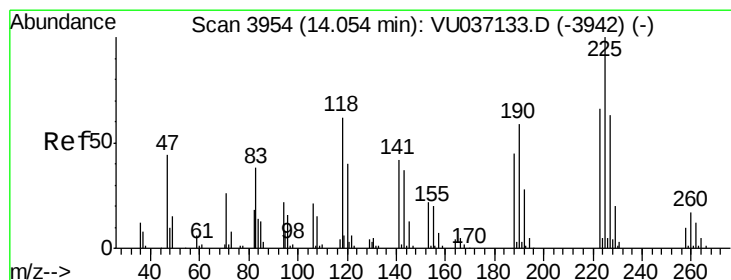
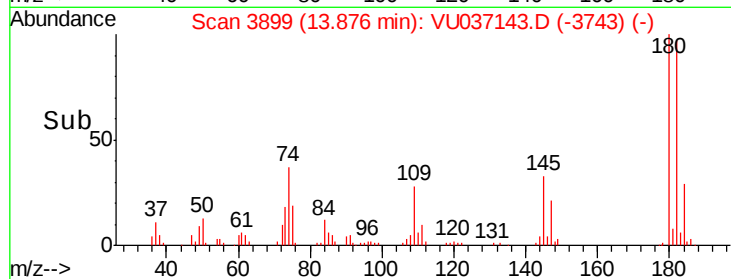
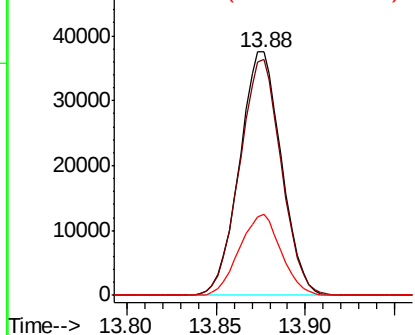
#87
 1,2,4-Trichlorobenzene
 Concen: 11.852 ug/l
 RT: 13.88 min Scan# 3899
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:180 Resp: 61565
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.9 113.9
 145 33.3 23.4 35.2

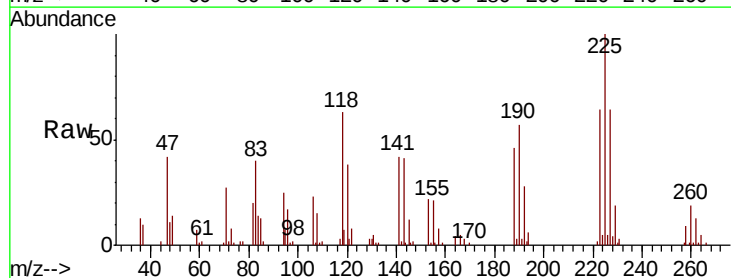


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

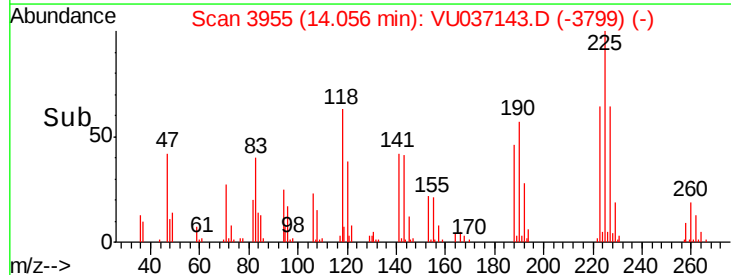
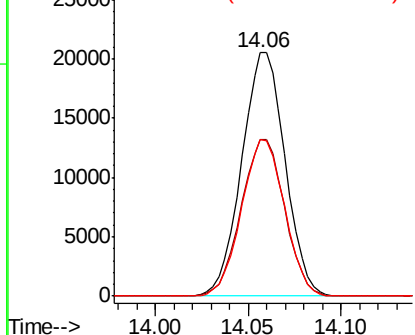


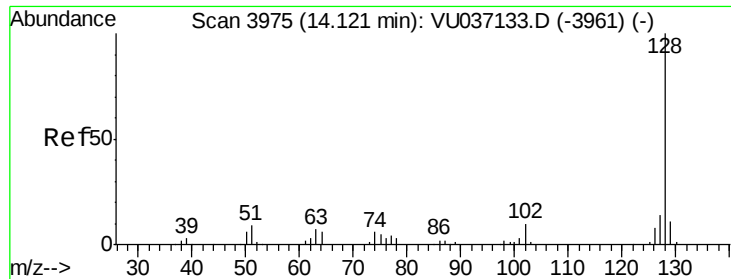
#88
 Hexachlorobutadiene
 Concen: 10.406 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU037143.D
 Acq: 10 Mar 2020 09:41

Tgt Ion:225 Resp: 33451
 Ion Ratio Lower Upper
 225 100
 223 64.5 51.7 77.5
 227 63.6 50.6 75.8



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

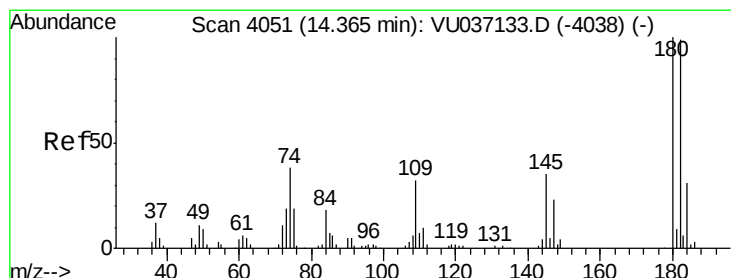
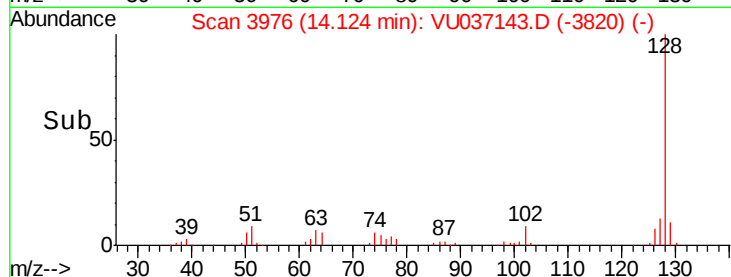
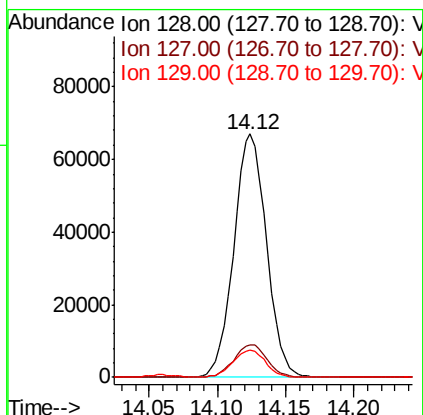
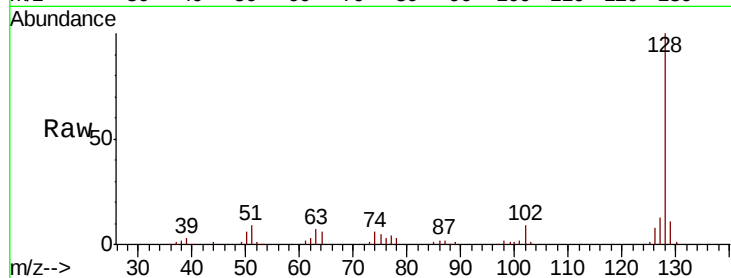




#89
Naphthalene
Concen: 10.482 ug/l
RT: 14.12 min Scan# 3976
Delta R.T. 0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:128 Resp: 111261
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.1 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 11.828 ug/l
RT: 14.37 min Scan# 4052
Delta R.T. 0.00 min
Lab File: VU037143.D
Acq: 10 Mar 2020 09:41

Tgt Ion:180 Resp: 59796
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 34.7 25.2 37.8

