

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U031020\
 Data File : VU037151.D
 Acq On : 10 Mar 2020 14:08
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Mar 10 14:46:34 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	16033	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	6859	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6615	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	79412	10.146	ug/l	98
3) Chloromethane	1.54	50	84629	10.876	ug/l	99
4) Vinyl Chloride	1.62	62	70351	10.286	ug/l	98
5) Bromomethane	1.87	94	25289	10.601	ug/l	98
6) Chloroethane	1.95	64	32867	10.030	ug/l	98
7) Trichlorofluoromethane	2.16	101	86433	10.399	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	39850	10.220	ug/l #	93
9) 1,1-Dichloroethene	2.60	96	37864	10.212	ug/l	79
10) Iodomethane	2.75	142	22062	10.708	ug/l #	73
11) Allyl Chloride	2.95	41	72082	10.028	ug/l #	64
12) Acrylonitrile	3.36	53	18328	20.899	ug/l	92
13) Acetone	2.66	43	50399	51.705	ug/l #	77
14) Carbon Disulfide	2.82	76	124535	10.085	ug/l	100
15) Methylene Chloride	3.08	84	43799	9.409	ug/l #	76
16) trans-1,2-Dichloroethene	3.38	96	39643	10.068	ug/l	88
17) 1,1-Dichloroethane	3.91	63	89438	9.798	ug/l	98
18) 2-Butanone	4.76	43	74268	49.848	ug/l	98
19) Cyclohexane	5.42	56	73126	9.407	ug/l	96
20) Methylcyclohexane	6.79	83	80885	10.534	ug/l #	88
21) 2,2-Dichloropropane	4.71	77	84064	10.093	ug/l	95
22) cis-1,2-Dichloroethene	4.71	96	50588	10.373	ug/l	85
23) Diethyl Ether	2.40	59	31845	10.140	ug/l	88
24) tert-Butyl Alcohol	3.23	59	38074	110.876	ug/l	99
25) Methyl tert-Butyl Ether	3.41	73	110985	10.216	ug/l #	72
26) Bromochloromethane	5.02	128	22487	10.476	ug/l	82
27) Chloroform	5.13	83	96283	9.795	ug/l	100
28) 1,1,1-Trichloroethane	5.35	97	85764	10.235	ug/l	96
29) 1,1-Dichloropropene	5.56	75	69824	10.254	ug/l	97
30) Carbon Tetrachloride	5.56	117	75521	10.299	ug/l	97
31) Isopropyl Ether	4.05	45	145384	9.977	ug/l	85
32) Ethyl-t-butyl ether	4.56	59	137959	10.028	ug/l	94
33) Tert-Amyl methyl ether	5.98	73	121793	10.316	ug/l	99
34) Propionitrile	4.83	54	21793	55.613	ug/l #	96
35) Benzene	5.81	78	196947	10.181	ug/l	100
36) 1,2-Dichloroethane	5.83	62	68905	9.826	ug/l #	93
37) Trichloroethene	6.57	130	49573	9.766	ug/l	88
38) 1,2-Dichloropropane	6.83	63	52726	9.930	ug/l	100
39) Methacrylonitrile	5.02	41	19717	10.429	ug/l #	84
40) Methyl acrylate	4.89	55	26835	10.264	ug/l #	93
41) Tetrahydrofuran	5.11	42	18866	20.000	ug/l #	85
42) 1-Chlorobutane	5.49	56	100118	10.208	ug/l	79

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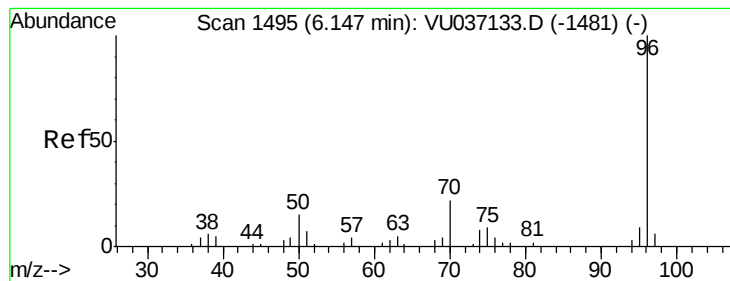
Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Quant Time: Mar 10 14:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

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

43) Dibromomethane	6.95	93	28395	10.433	ug/l	89
44) Bromodichloromethane	7.14	83	72568	10.242	ug/l	100
45) 4-Methyl-2-Pentanone	7.83	43	188918	51.763	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.85	75	65304	65.373	ug/l #	67
47) Methyl methacrylate	7.00	69	50284	22.355	ug/l #	68
48) Ethyl methacrylate	8.36	69	48334	10.876	ug/l	74
49) Toluene	8.00	92	124938	10.695	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	68380	10.713	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	74084	10.162	ug/l #	81
52) 1,1,2-Trichloroethane	8.43	97	38033	10.475	ug/l	98
53) 1,3-Dichloropropane	8.60	76	66297	10.294	ug/l	99
54) 2-Hexanone	8.71	43	135023	53.703	ug/l	86
55) Dibromochloromethane	8.83	129	47879	10.653	ug/l	98
56) 1,2-Dibromoethane	8.95	107	36208	10.530	ug/l	99
58) Tetrachloroethene	8.58	164	47900	10.055	ug/l	94
59) Chlorobenzene	9.47	112	134516	10.317	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	48924	10.251	ug/l	96
61) Pentachloroethane	11.45	117	38409	10.549	ug/l	91
62) Hexachloroethane	12.49	117	41062	10.535	ug/l	84
63) Ethyl Benzene	9.59	91	244102	10.968	ug/l	96
64) m/p-Xylenes	9.71	106	188151	22.332	ug/l	88
65) o-Xylene	10.12	106	88476	10.884	ug/l	90
66) Styrene	10.13	104	154177	11.587	ug/l	95
67) Bromoform	10.31	173	26394	11.126	ug/l #	98
69) Isopropylbenzene	10.50	105	244358	11.027	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.80	83	50423	10.558	ug/l	95
71) 1,2,3-Trichloropropane	10.85	75	65304	16.726	ug/l	65
72) Bromobenzene	10.80	156	55948	10.434	ug/l	91
73) n-propylbenzene	10.92	120	67051	11.415	ug/l	79
74) 2-Chlorotoluene	11.01	126	58041	10.917	ug/l	86
75) 1,3,5-Trimethylbenzene	11.10	105	219901	11.462	ug/l	95
76) 4-Chlorotoluene	11.11	126	61013	11.399	ug/l	82
77) tert-Butylbenzene	11.44	119	201393	10.768	ug/l	93
78) 1,2,4-Trimethylbenzene	11.48	105	222310	11.479	ug/l	96
79) sec-Butylbenzene	11.66	105	281885	11.077	ug/l	98
80) Nitrobenzene	13.24	77	5332	51.006	ug/l	95
81) p-Isopropyltoluene	11.81	119	230506	11.492	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	113858	10.717	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	113474	10.543	ug/l	98
84) n-Butylbenzene	12.22	91	219790	11.568	ug/l	97
85) 1,2-Dichlorobenzene	12.23	146	106527	10.363	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	9045	10.731	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.87	180	57763	11.179	ug/l	98
88) Hexachlorobutadiene	14.05	225	33263	10.402	ug/l	99
89) Naphthalene	14.12	128	103749	9.923	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	56012	11.138	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: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 96 Resp: 16033

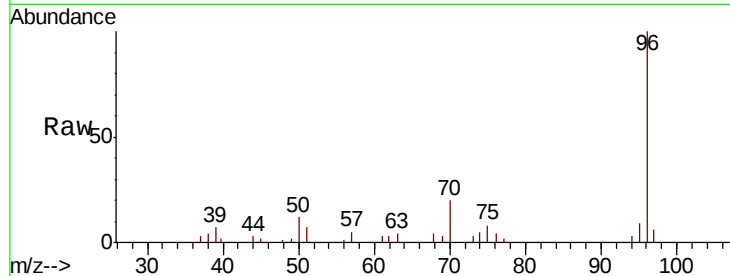
Ion Ratio Lower Upper

96 100

70 21.9 15.6 23.4

95 8.8 7.0 10.6

97 0.0 0.0 0.0

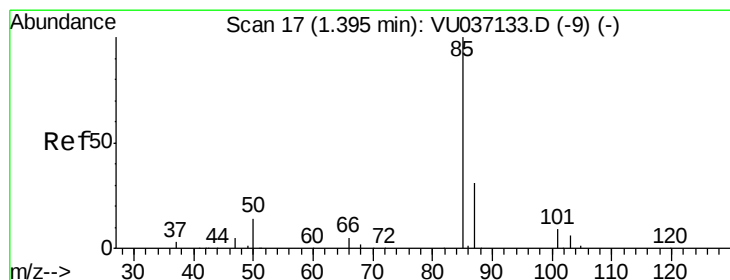
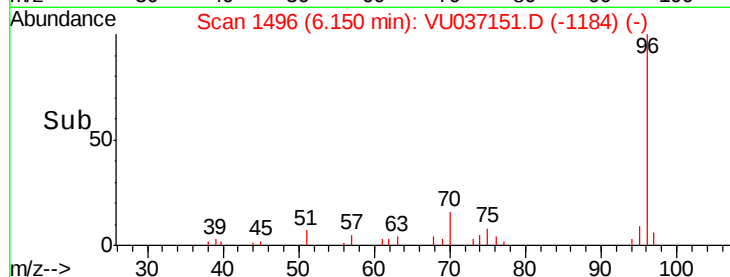
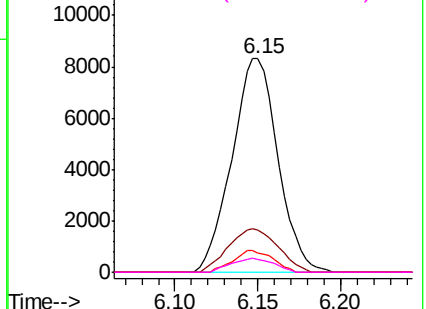


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 10.146 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037151.D

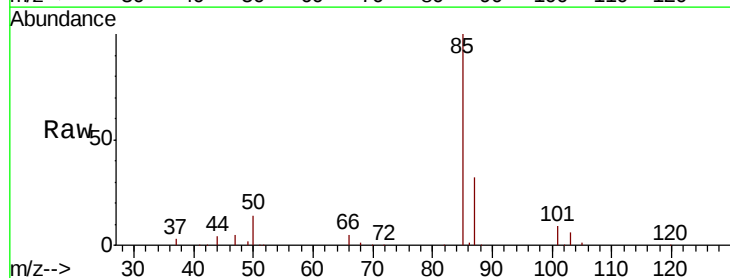
Acq: 10 Mar 2020 14:08

Tgt Ion: 85 Resp: 79412

Ion Ratio Lower Upper

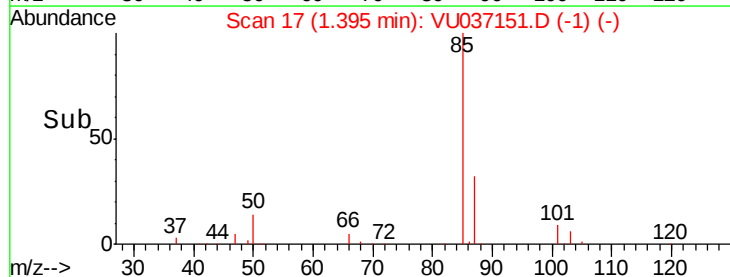
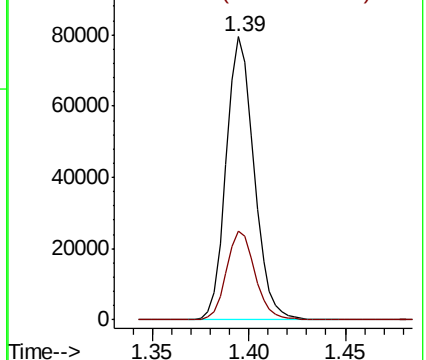
85 100

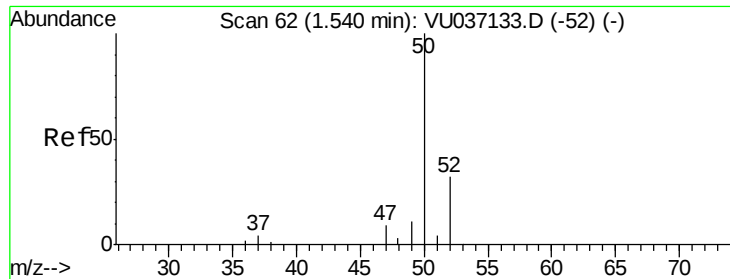
87 31.6 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 10.876 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

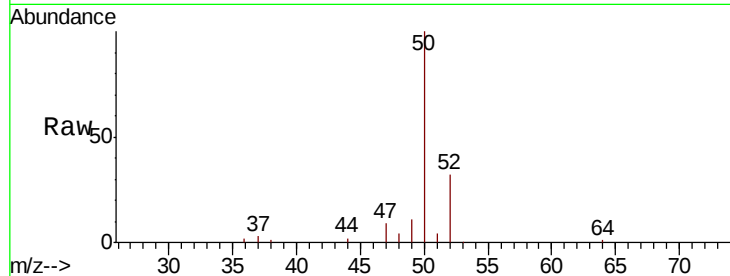
VSTDCCC010EC

Tot Ion: 50 Resp: 84629

Ion Ratio Lower Upper

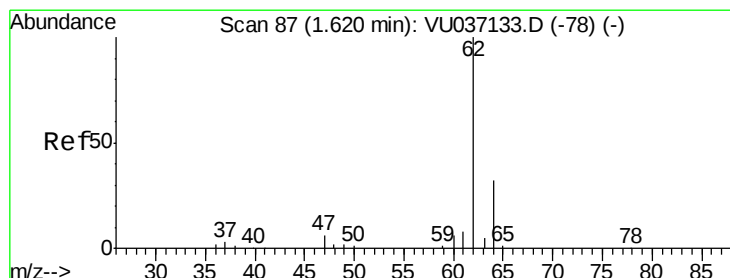
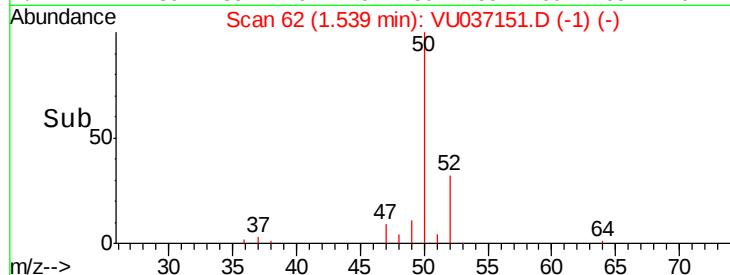
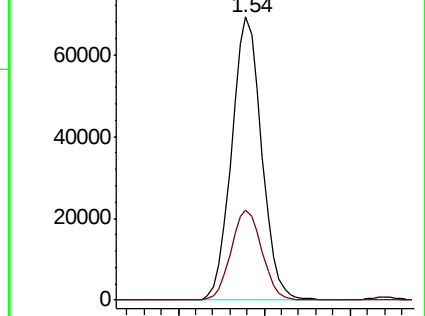
50 100

52 31.7 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU037151.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU037151.D (-1) (-)



#4

Vinyl Chloride

Concen: 10.286 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU037151.D

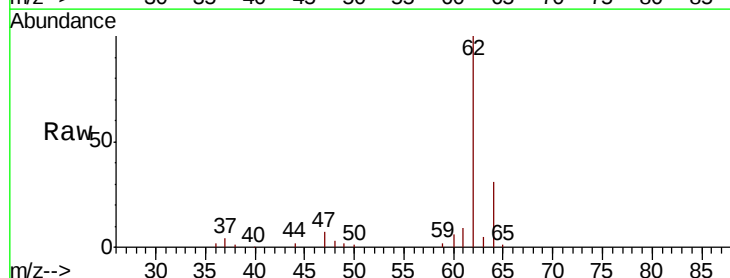
Acq: 10 Mar 2020 14:08

Tgt Ion: 62 Resp: 70351

Ion Ratio Lower Upper

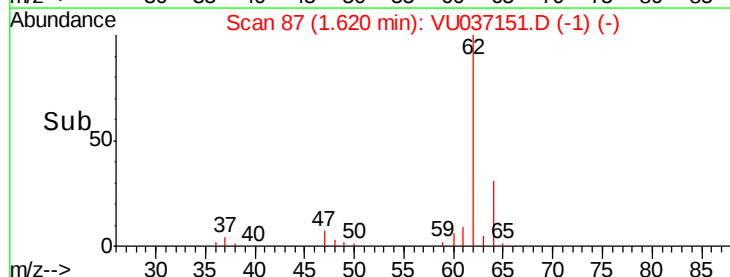
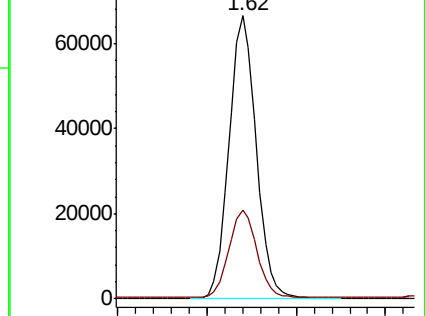
62 100

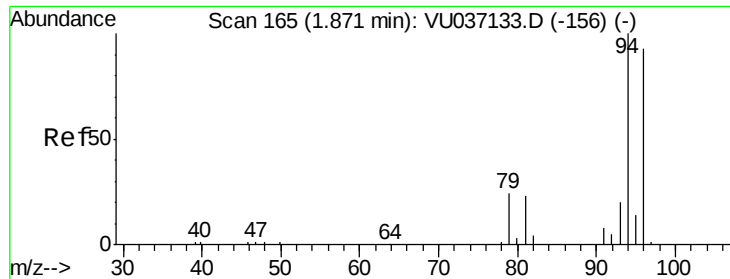
64 30.6 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VU037151.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU037151.D (-1) (-)





#5

Bromomethane

Concen: 10.601 ug/l

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

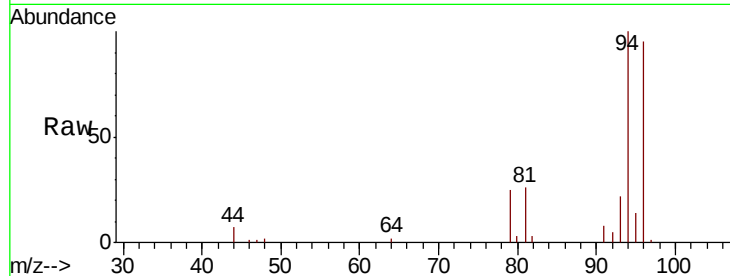
VSTDCCC010EC

Tot Ion: 94 Resp: 25289

Ion Ratio Lower Upper

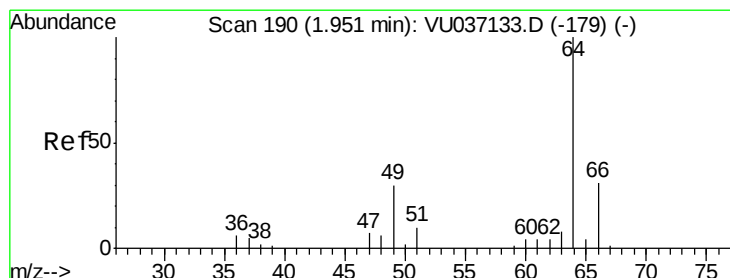
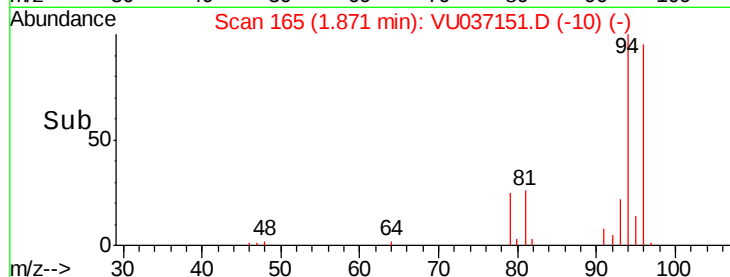
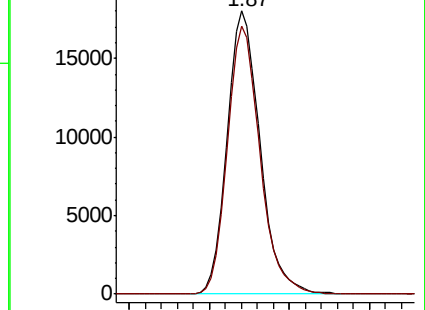
94 100

96 94.8 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VU037133.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU037151.D (-10) (-)



#6

Chloroethane

Concen: 10.030 ug/l

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU037151.D

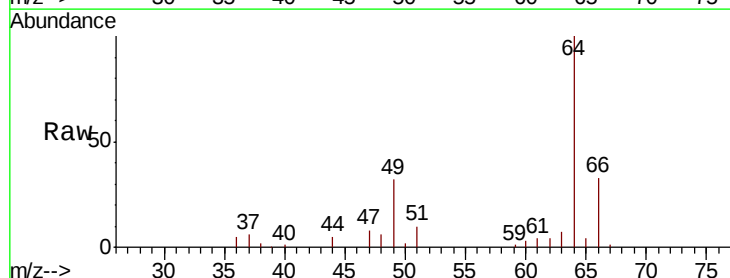
Acq: 10 Mar 2020 14:08

Tgt Ion: 64 Resp: 32867

Ion Ratio Lower Upper

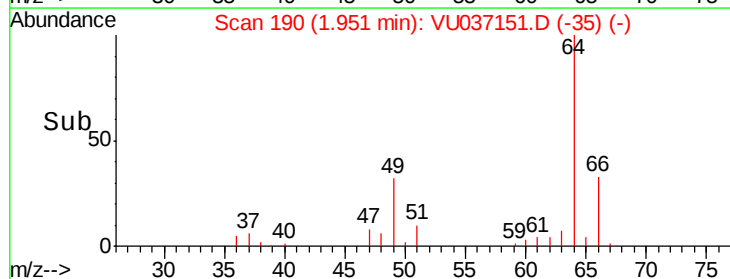
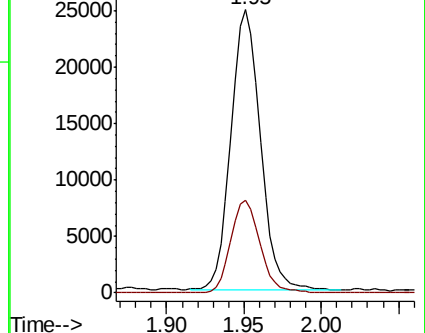
64 100

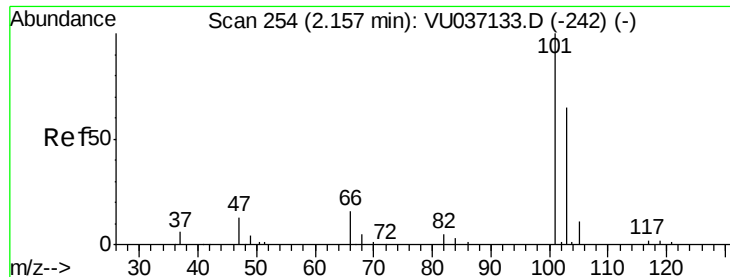
66 33.2 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU037133.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU037151.D (-35) (-)



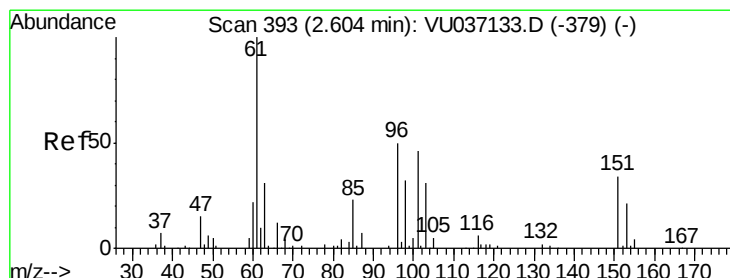
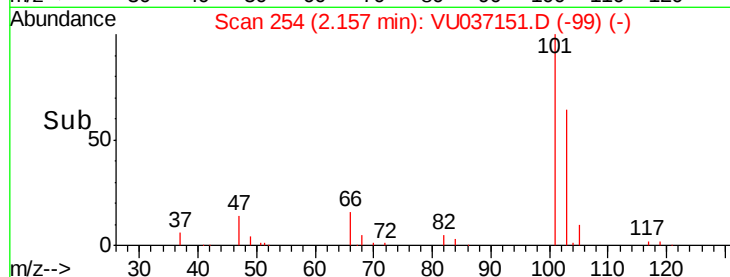
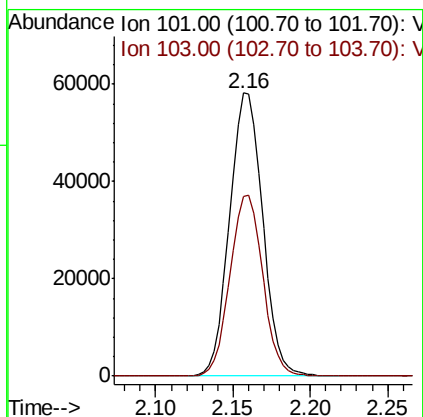
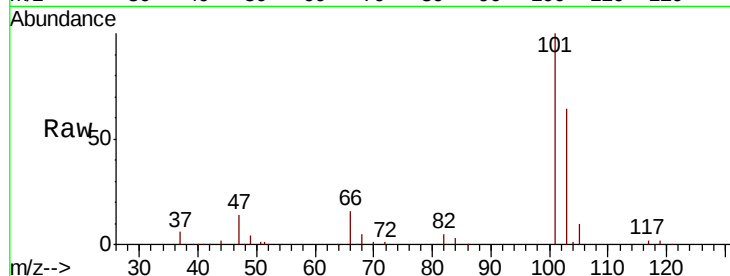


#7

Trichlorofluoromethane
 Concen: 10.399 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Instrument :
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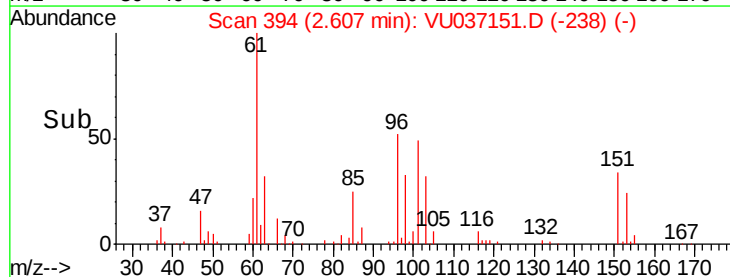
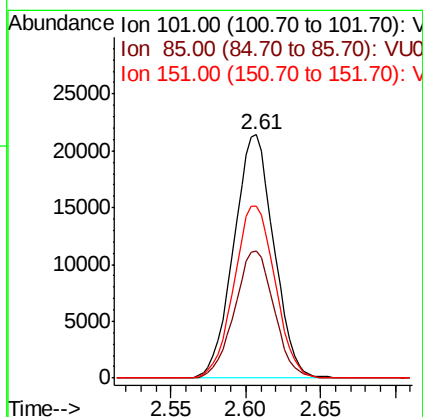
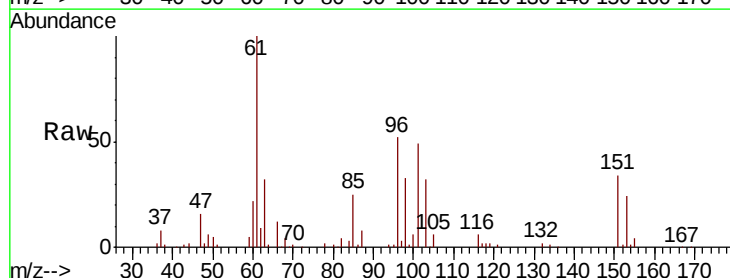
Tot Ion:101 Resp: 86433
 Ion Ratio Lower Upper
 101 100
 103 63.7 53.0 79.6

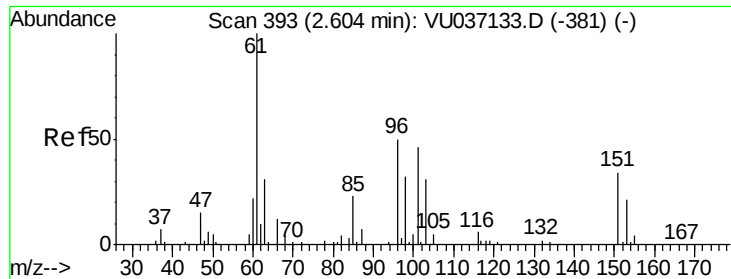


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.220 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Tgt Ion:101 Resp: 39850
 Ion Ratio Lower Upper
 101 100
 85 51.4 33.9 50.9#
 151 72.4 59.8 89.8





#9

1,1-Dichloroethene

Concen: 10.212 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

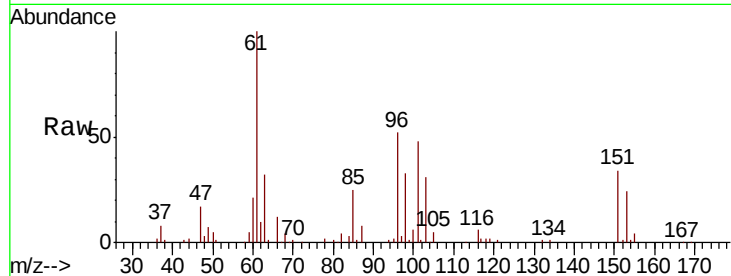
Tot Ion: 96 Resp: 37864

Ion Ratio Lower Upper

96 100

61 192.6 0.0 463.2

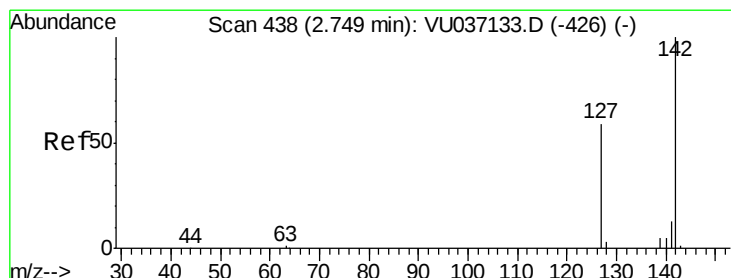
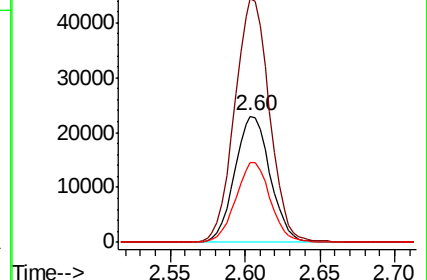
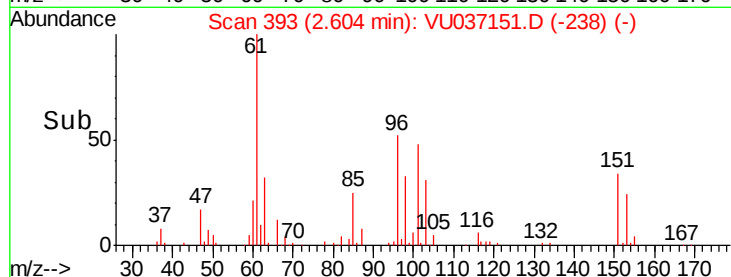
98 63.3 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU037151.D (-238) (-)

Ion 61.00 (60.70 to 61.70): VU037151.D (-238) (-)

Ion 98.00 (97.70 to 98.70): VU037151.D (-238) (-)



#10

Iodomethane

Concen: 10.708 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU037151.D

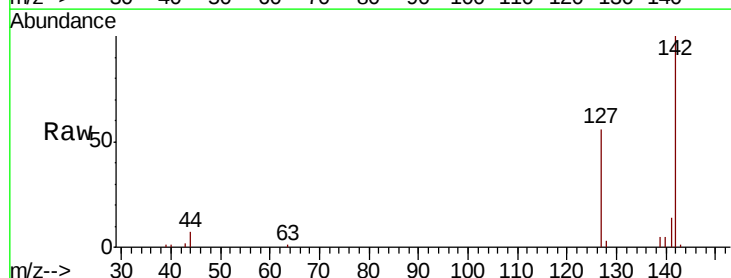
Acq: 10 Mar 2020 14:08

Tgt Ion: 142 Resp: 22062

Ion Ratio Lower Upper

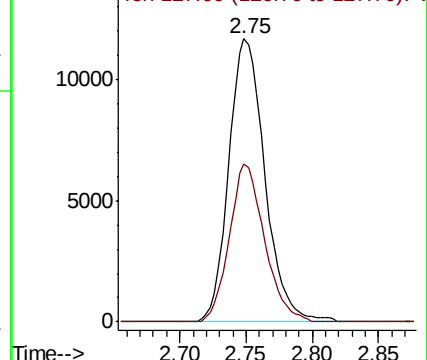
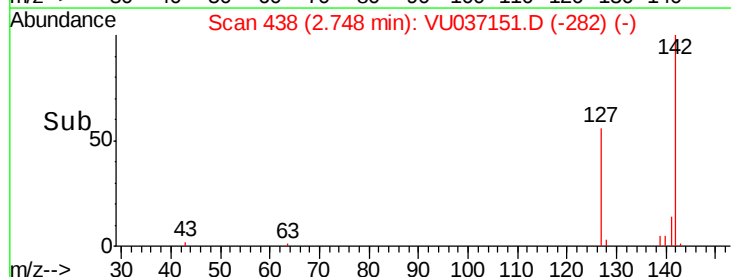
142 100

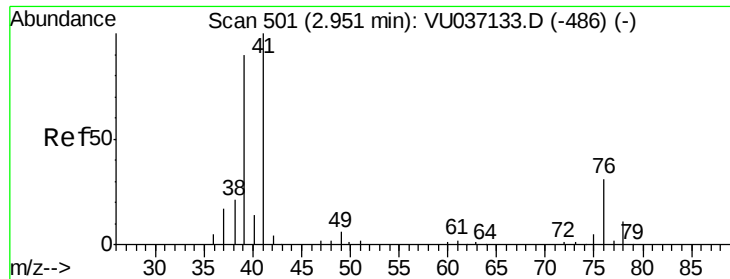
127 54.3 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU037151.D (-282) (-)

Ion 127.00 (126.70 to 127.70): VU037151.D (-282) (-)

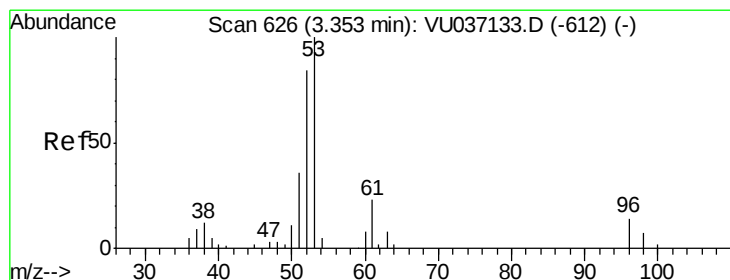
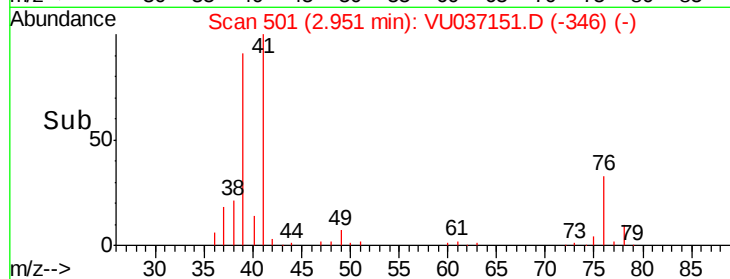
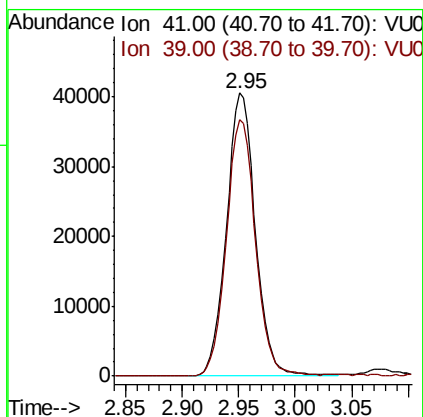
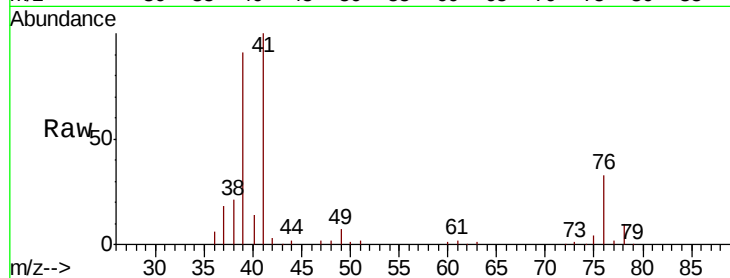




#11
Allvl Chloride
Concen: 10.028 ug/l
RT: 2.95 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

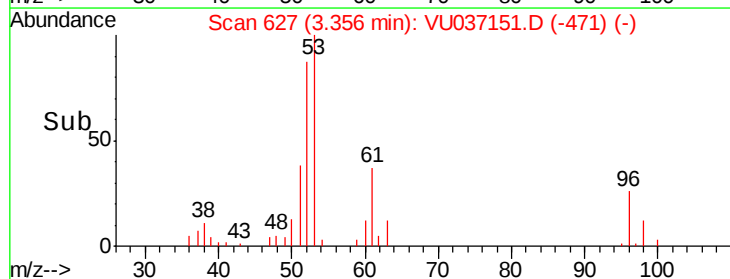
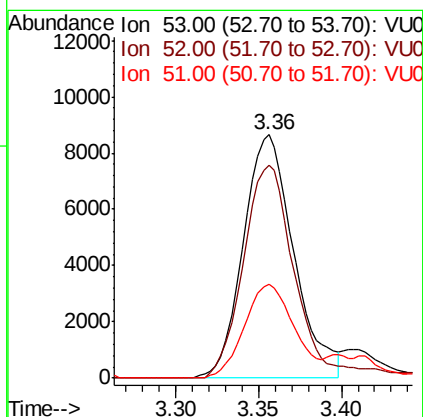
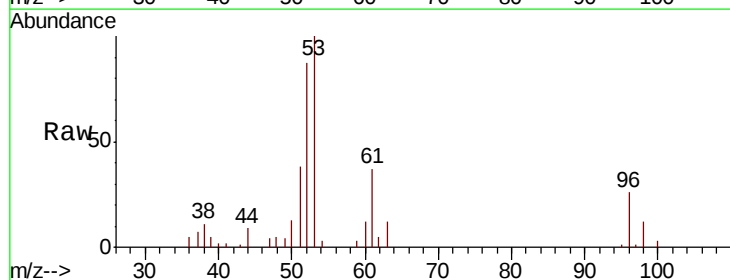
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

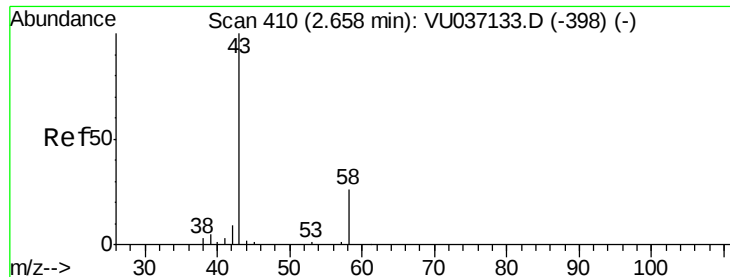
Tot Ion: 41 Resp: 72082
Ion Ratio Lower Upper
41 100
39 91.7 50.7 76.1#



#12
Acrylonitrile
Concen: 20.899 ug/l
RT: 3.36 min Scan# 627
Delta R.T. 0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 53 Resp: 18328
Ion Ratio Lower Upper
53 100
52 87.8 64.6 97.0
51 38.0 27.2 40.8





#13

Acetone

Concen: 51.705 ug/l

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

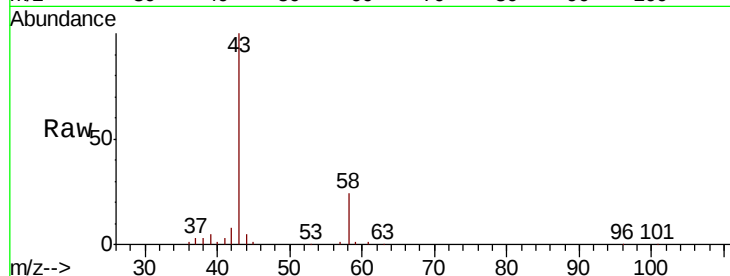
VSTDCCC010EC

Tot Ion: 43 Resp: 50399

Ion Ratio Lower Upper

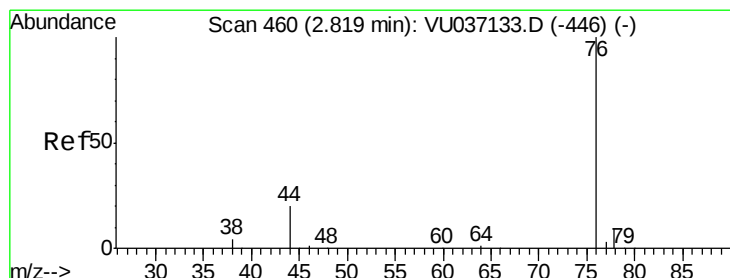
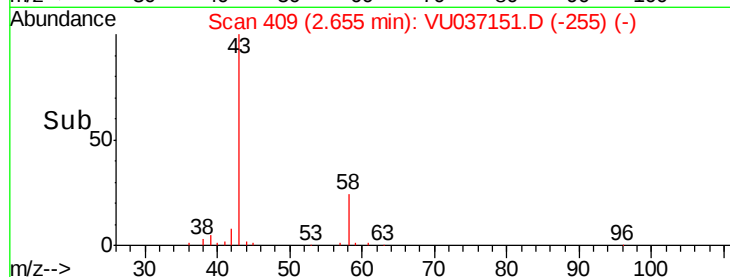
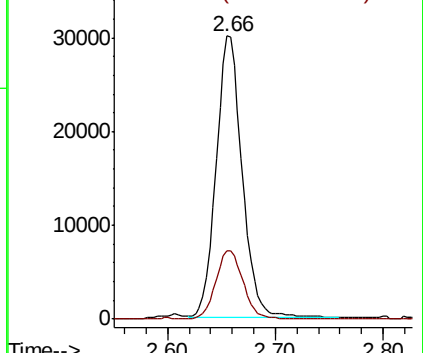
43 100

58 24.4 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VU037151.D (-255) (-)

Ion 58.00 (57.70 to 58.70): VU037151.D (-255) (-)



#14

Carbon Disulfide

Concen: 10.085 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037151.D

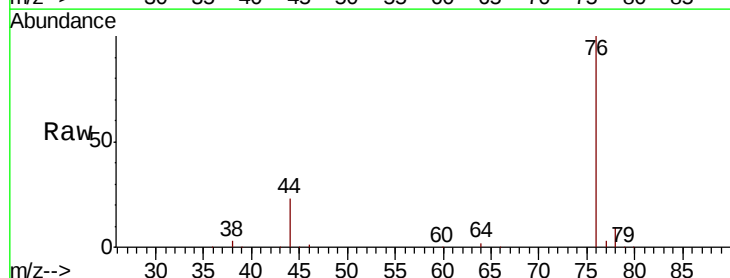
Acq: 10 Mar 2020 14:08

Tgt Ion: 76 Resp: 124535

Ion Ratio Lower Upper

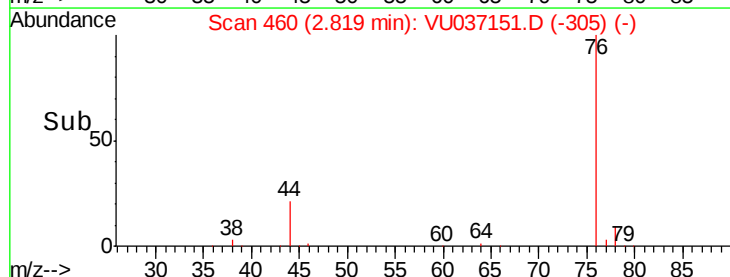
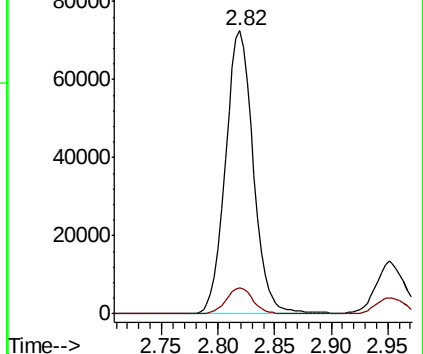
76 100

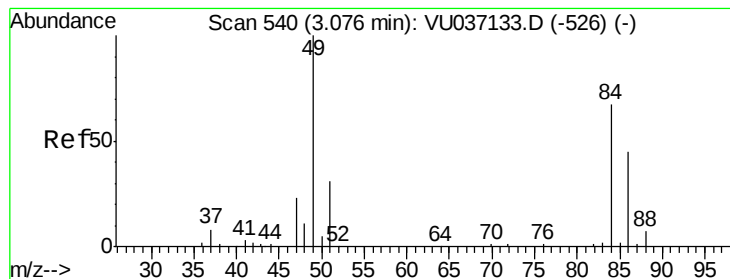
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU037151.D (-305) (-)

Ion 78.00 (77.70 to 78.70): VU037151.D (-305) (-)





#15

Methvlene Chloride

Concen: 9.409 ug/l

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 84 Resp: 43799

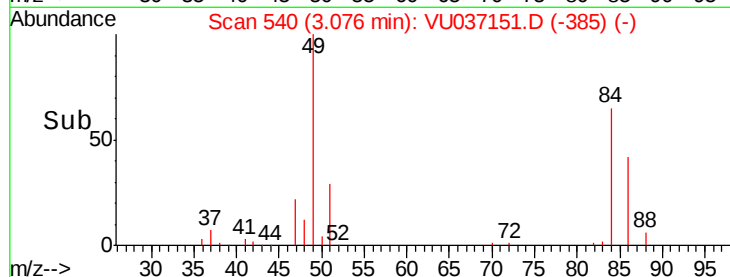
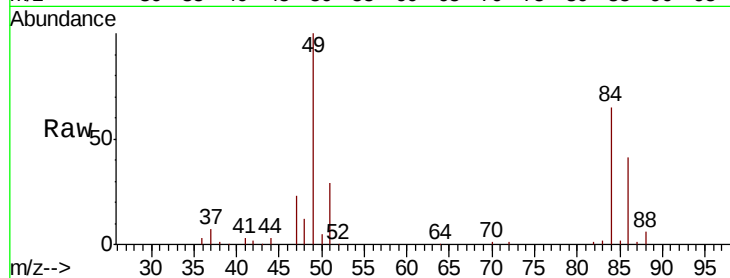
Ion Ratio Lower Upper

84 100

49 154.7 89.7 134.5#

51 45.0 0.0 71.6

86 64.2 51.4 77.2

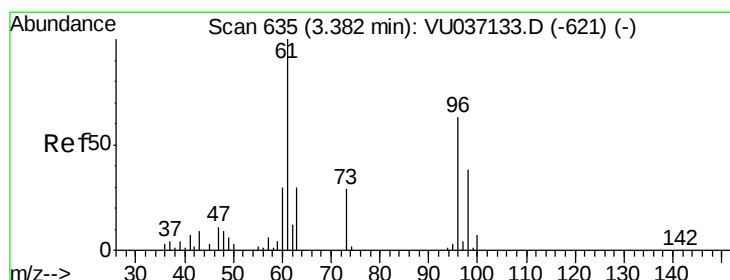
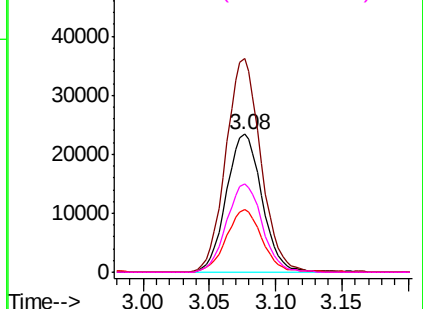


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 10.068 ug/l

RT: 3.38 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

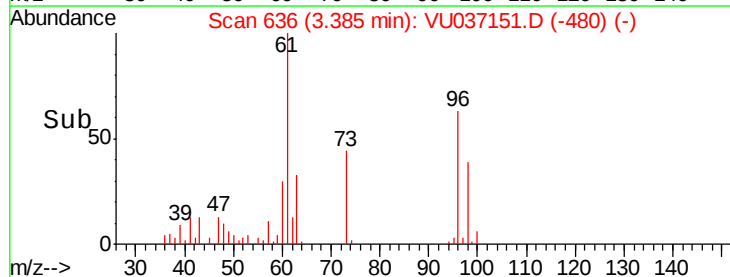
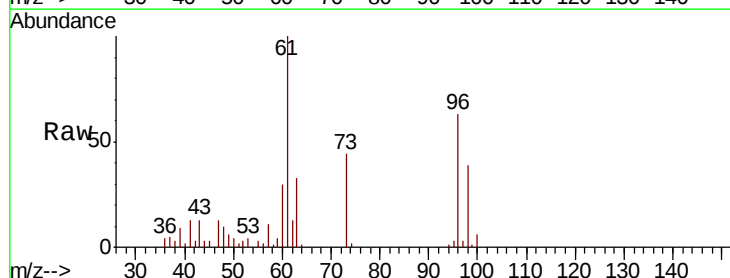
Tgt Ion: 96 Resp: 39643

Ion Ratio Lower Upper

96 100

61 159.0 110.8 166.2

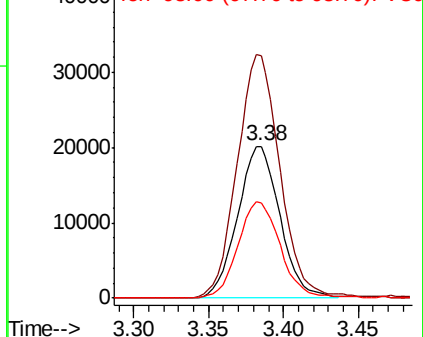
98 62.7 50.3 75.5

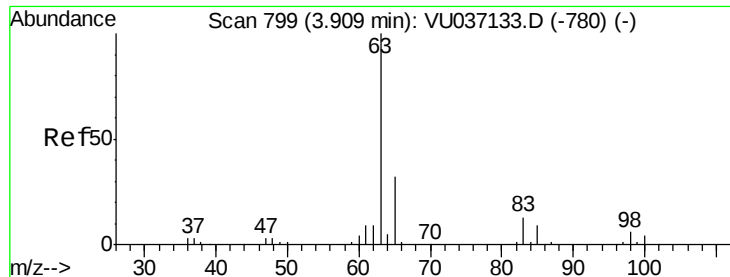


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

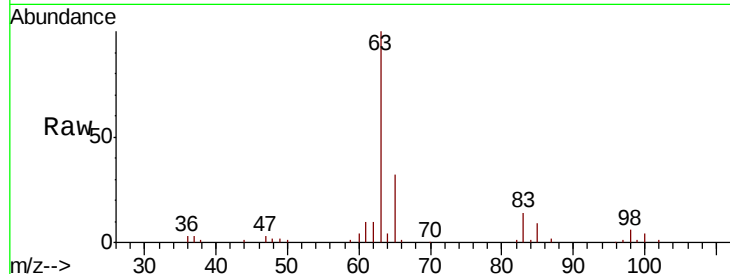




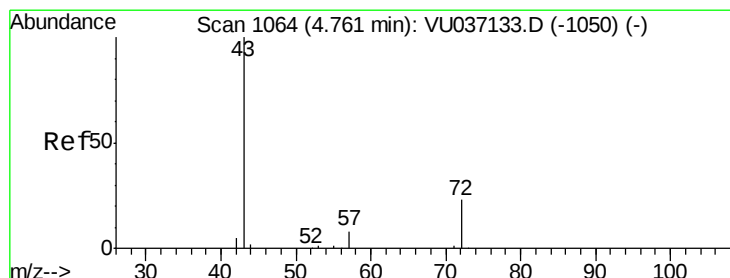
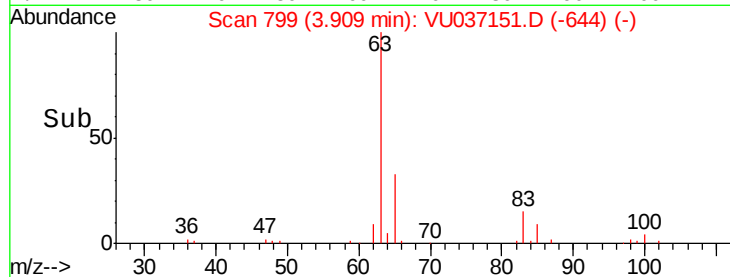
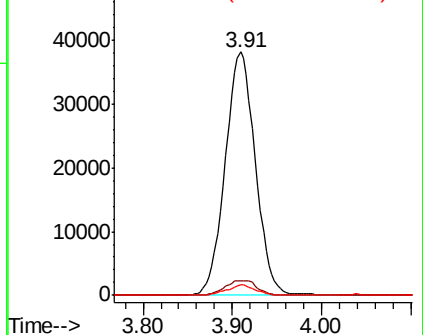
#17
 1,1-Dichloroethane
 Concen: 9.798 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 63 Resp: 89438
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.2 2.4 7.1

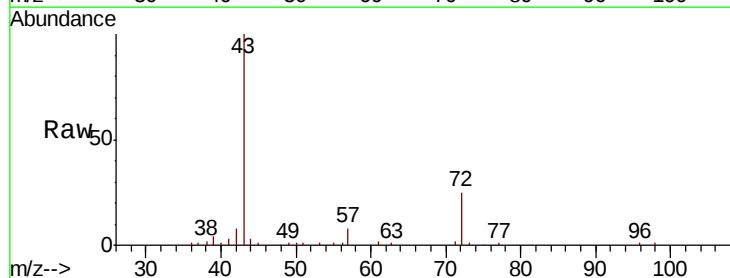


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

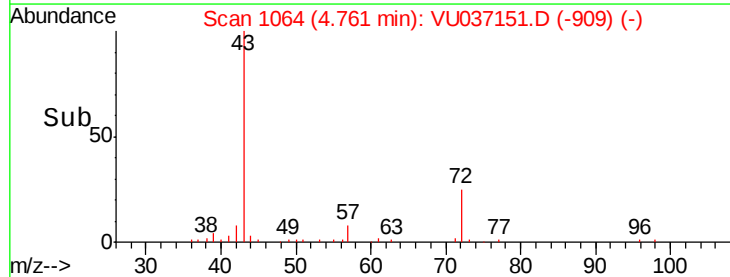
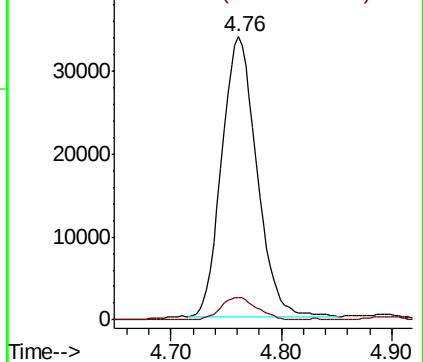


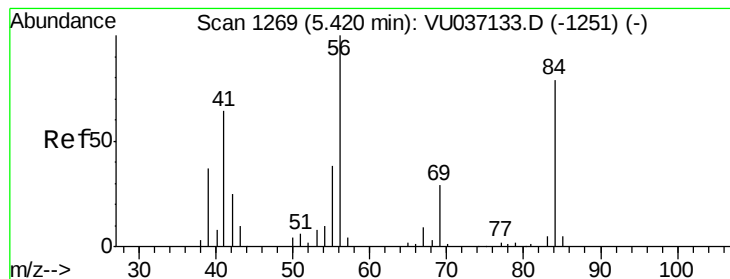
#18
 2-Butanone
 Concen: 49.848 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Tgt Ion: 43 Resp: 74268
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 17.8



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





#19

Cyclohexane

Concen: 9.407 ug/l

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

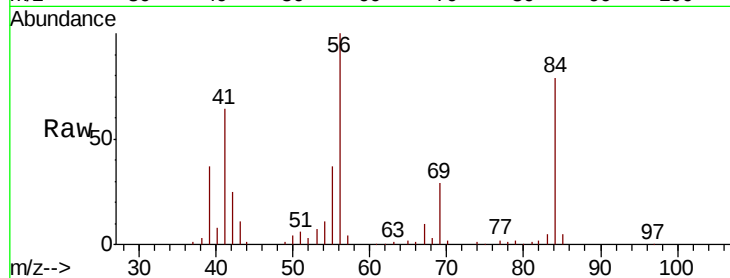
Tot Ion: 56 Resp: 73126

Ion Ratio Lower Upper

56 100

69 32.6 26.2 39.2

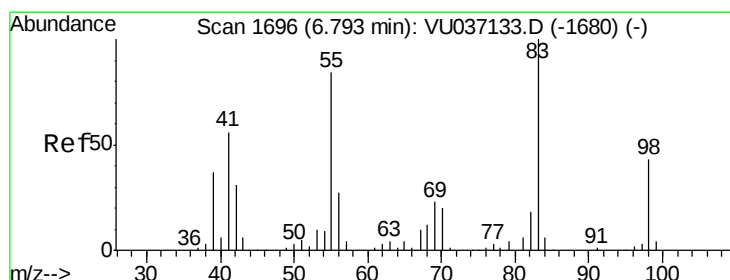
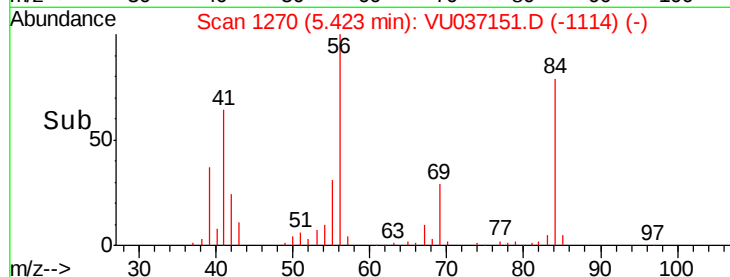
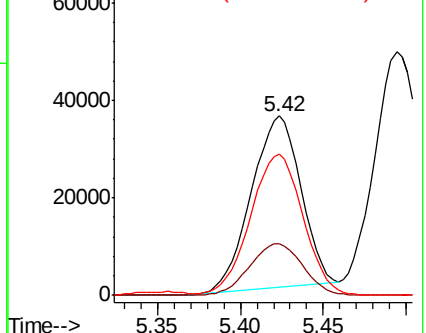
84 86.0 72.8 109.2



Abundance Ion 56.00 (55.70 to 56.70): VU037151.D (-1114) (-)

Ion 69.00 (68.70 to 69.70): VU037151.D (-1114) (-)

Ion 84.00 (83.70 to 84.70): VU037151.D (-1114) (-)



#20

Methylcyclohexane

Concen: 10.534 ug/l

RT: 6.79 min Scan# 1696

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

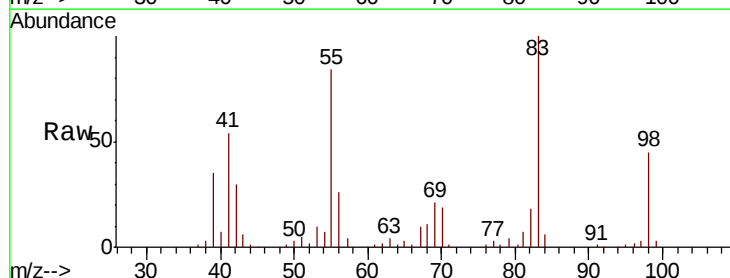
Tgt Ion: 83 Resp: 80885

Ion Ratio Lower Upper

83 100

55 85.5 56.6 85.0#

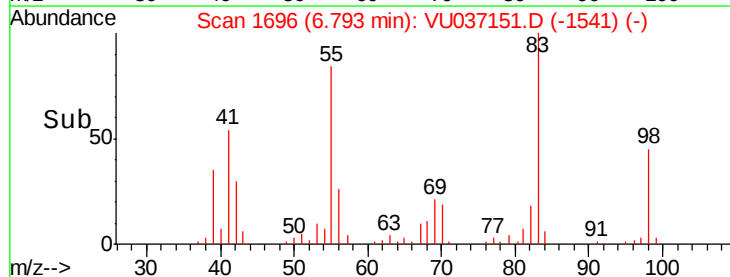
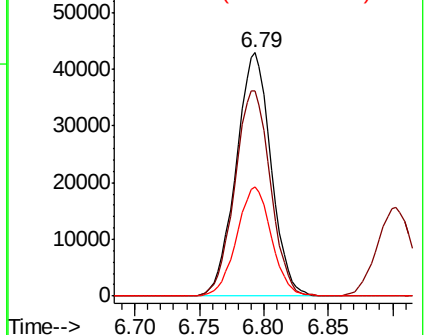
98 44.6 37.5 56.3

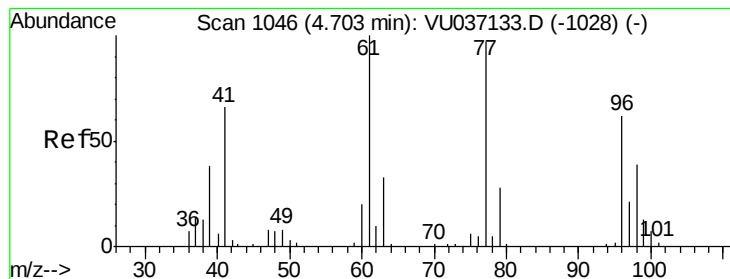


Abundance Ion 83.00 (82.70 to 83.70): VU037151.D (-1541) (-)

Ion 55.00 (54.70 to 55.70): VU037151.D (-1541) (-)

Ion 98.00 (97.70 to 98.70): VU037151.D (-1541) (-)





#21

2,2-Dichloropropane

Concen: 10.093 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

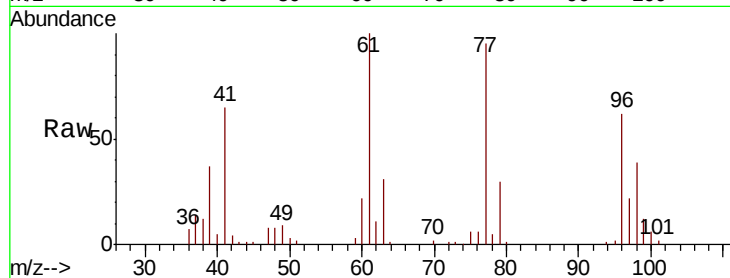
VSTDCCC010EC

Tot Ion: 77 Resp: 84064

Ion Ratio Lower Upper

77 100

97 21.3 19.0 28.4



Abundance Ion 77.00 (76.70 to 77.70): VU037151.D (-890) (-)

Ion 97.00 (96.70 to 97.70): VU037151.D (-890) (-)

4.71

40000

30000

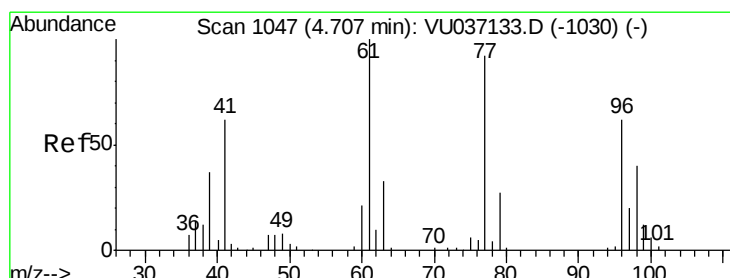
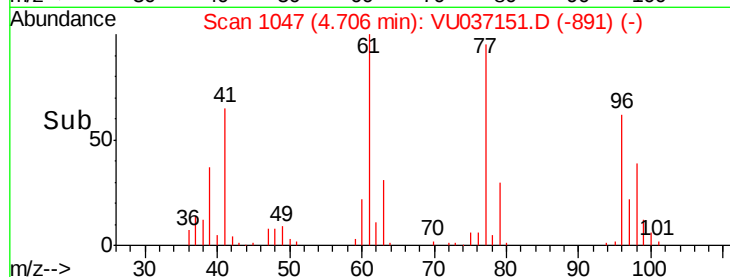
20000

10000

0

Time-->

4.60 4.70 4.80



#22

cis-1,2-Dichloroethene

Concen: 10.373 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

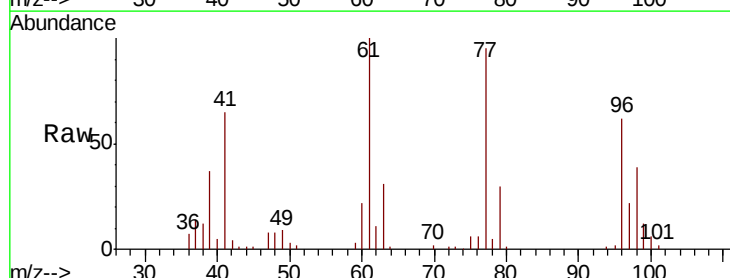
Tgt Ion: 96 Resp: 50588

Ion Ratio Lower Upper

96 100

61 163.8 0.0 342.0

98 64.0 32.0 96.0



Abundance Ion 96.00 (95.70 to 96.70): VU037151.D (-892) (-)

Ion 61.00 (60.70 to 61.70): VU037151.D (-892) (-)

Ion 98.00 (97.70 to 98.70): VU037151.D (-892) (-)

4.71

50000

40000

30000

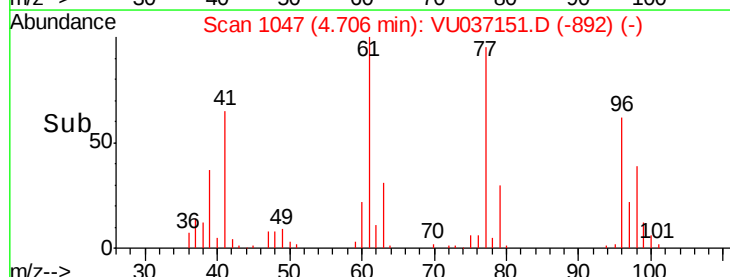
20000

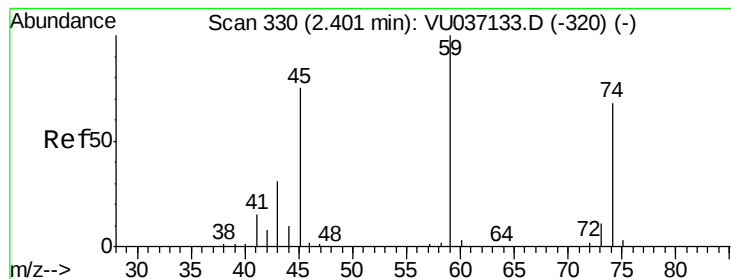
10000

0

Time-->

4.60 4.65 4.70 4.75 4.80





#23

Diethyl Ether

Concen: 10.140 ug/l

RT: 2.40 min Scan# 330

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

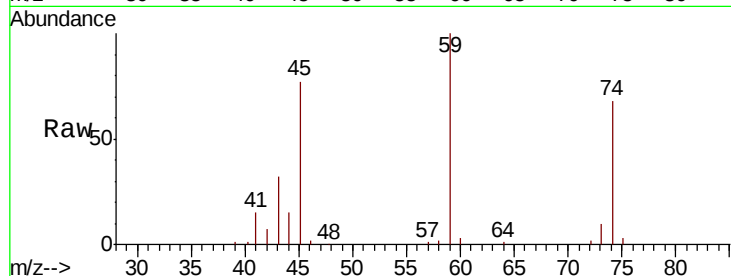
Tot Ion: 59 Resp: 31845

Ion Ratio Lower Upper

59 100

45 77.2 52.4 78.6

74 70.0 62.1 93.1

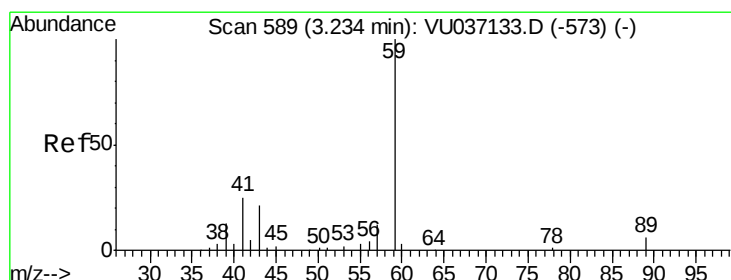
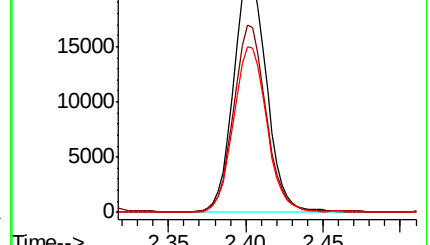
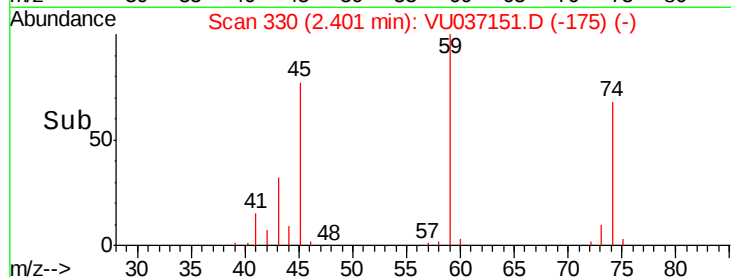


Abundance Ion 59.00 (58.70 to 59.70): VU037151.D (-175) (-)

Ion 45.00 (44.70 to 45.70): VU037151.D (-175) (-)

Ion 74.00 (73.70 to 74.70): VU037151.D (-175) (-)

Time-->



#24

tert-Butyl Alcohol

Concen: 110.876 ug/l

RT: 3.23 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU037151.D

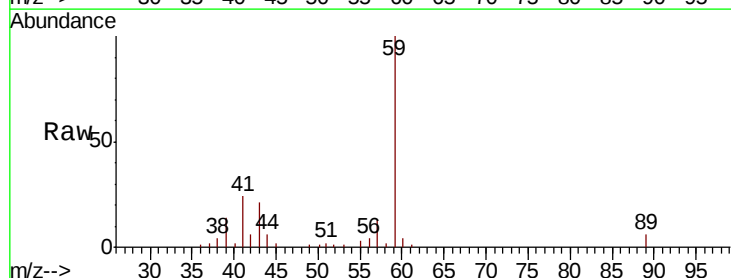
Acq: 10 Mar 2020 14:08

Tgt Ion: 59 Resp: 38074

Ion Ratio Lower Upper

59 100

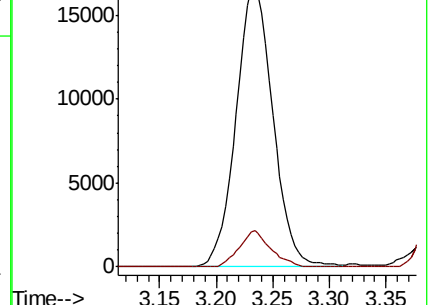
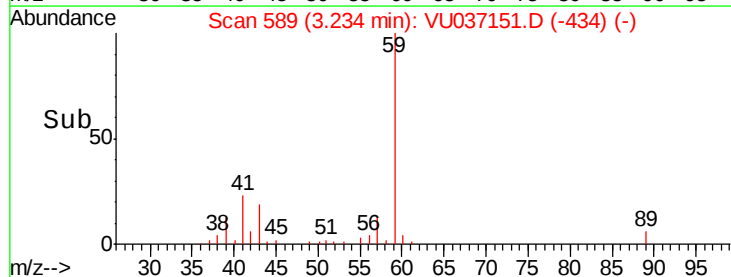
57 10.9 8.4 12.6

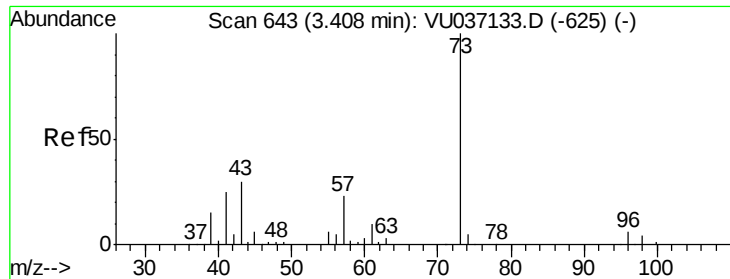


Abundance Ion 59.00 (58.70 to 59.70): VU037151.D (-434) (-)

Ion 57.00 (56.70 to 57.70): VU037151.D (-434) (-)

Time-->

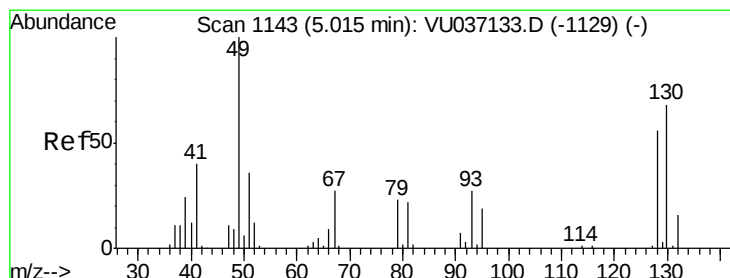
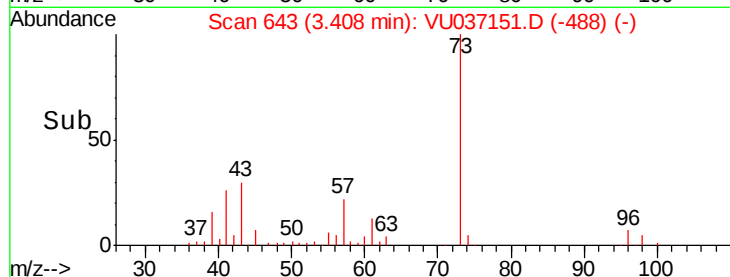
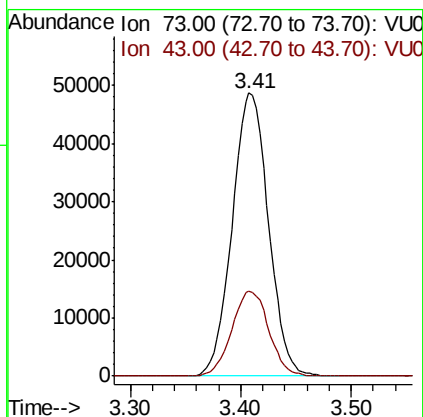
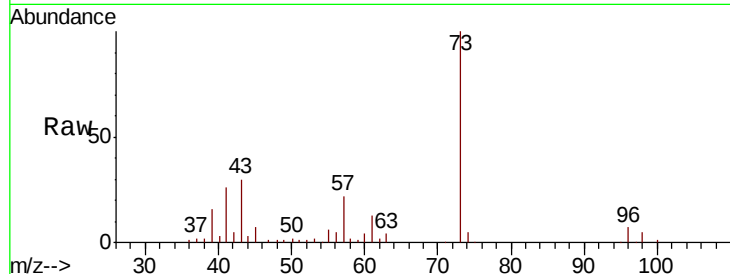




#25
Methvl tert-Butvl Ether
Concen: 10.216 ug/l
RT: 3.41 min Scan# 643
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

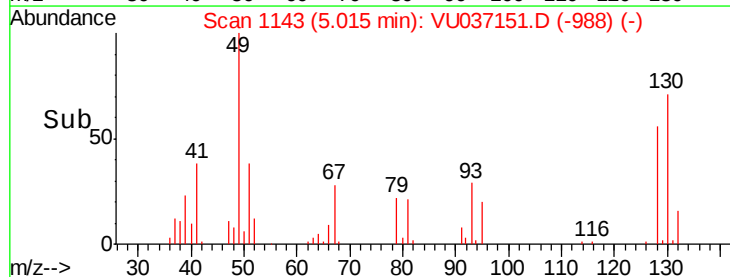
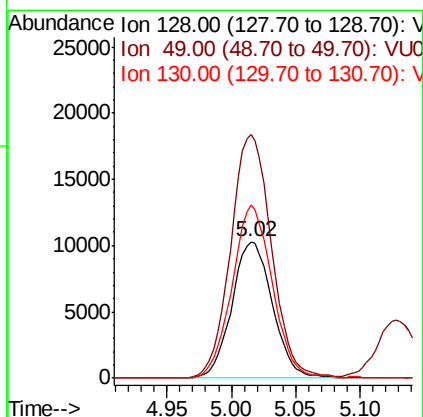
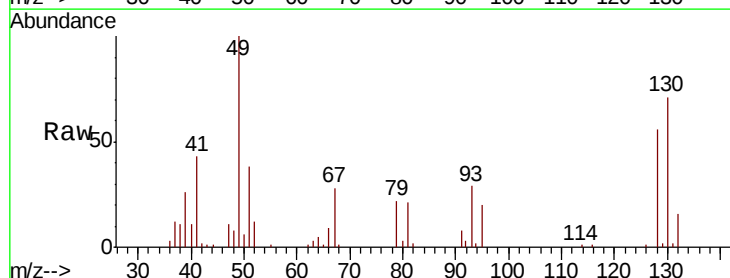
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

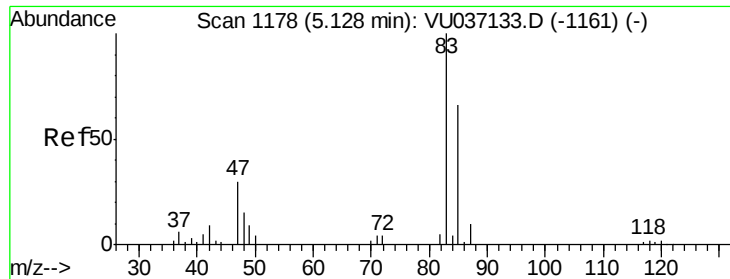
Tot Ion: 73 Resp: 110985
Ion Ratio Lower Upper
73 100
43 30.7 14.5 21.7#



#26
Bromochloromethane
Concen: 10.476 ug/l
RT: 5.02 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 128 Resp: 22487
Ion Ratio Lower Upper
128 100
49 179.9 0.0 286.2
130 125.5 104.3 156.5

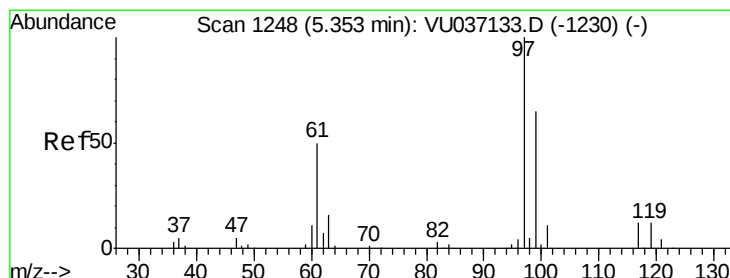
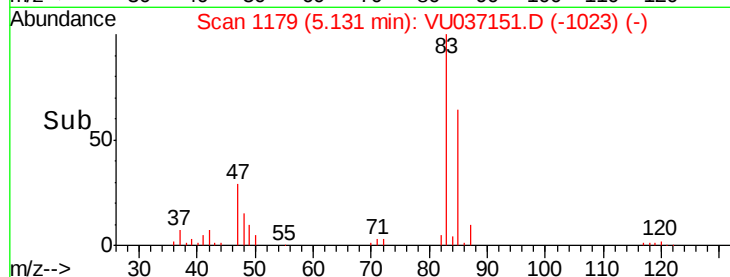
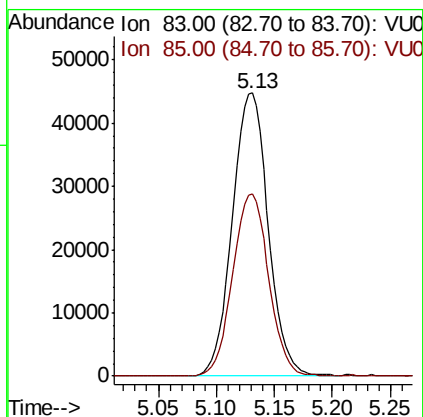
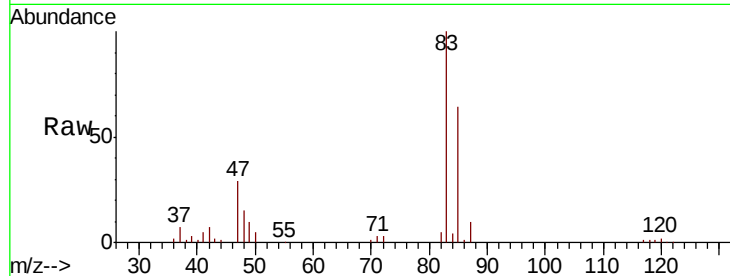




#27
Chloroform
Concen: 9.795 ug/l
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

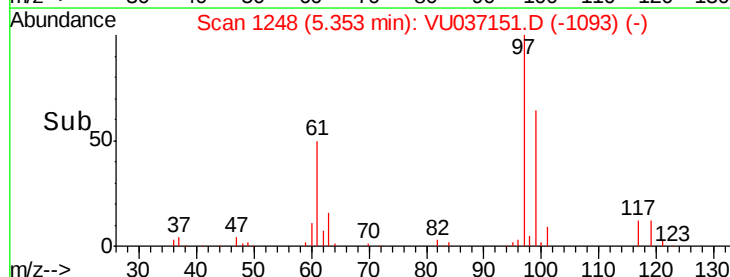
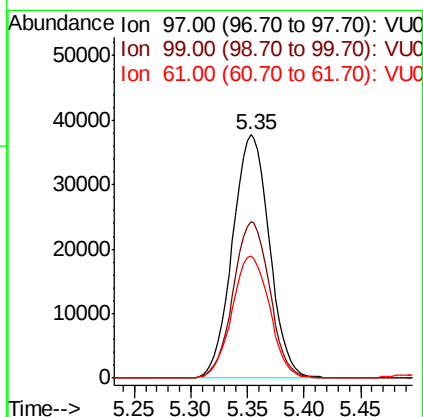
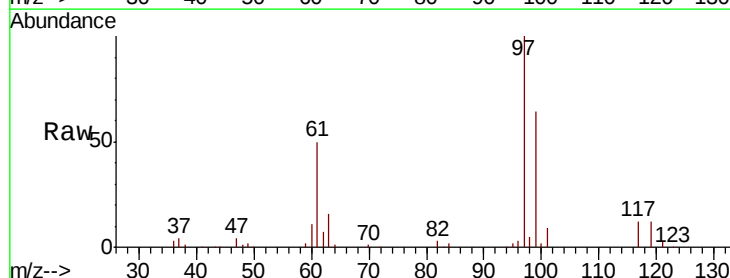
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

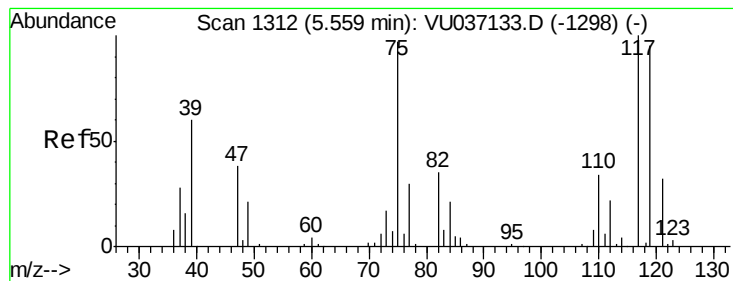
Tot Ion: 83 Resp: 96283
Ion Ratio Lower Upper
83 100
85 64.3 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 10.235 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 97 Resp: 85764
Ion Ratio Lower Upper
97 100
99 63.4 32.1 96.3
61 51.0 22.7 68.0





#29

1,1-Dichloropropene

Concen: 10.254 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

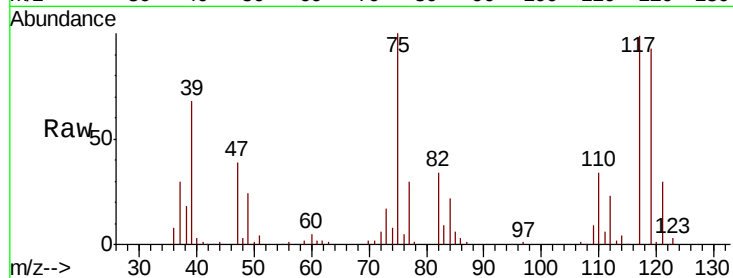
Tot Ion: 75 Resp: 69824

Ion Ratio Lower Upper

75 100

110 34.5 18.6 55.8

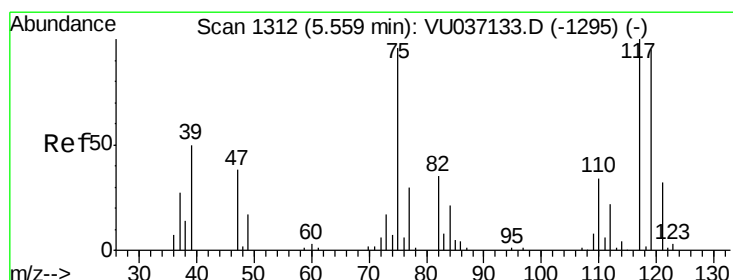
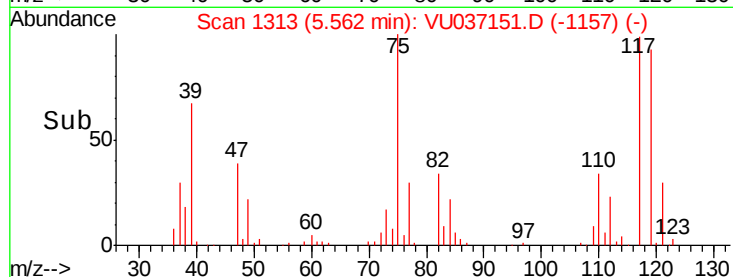
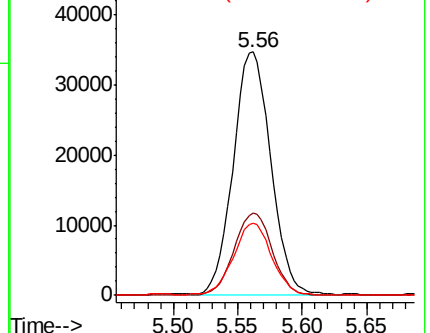
77 30.8 25.0 37.4



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

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

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



#30

Carbon Tetrachloride

Concen: 10.299 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

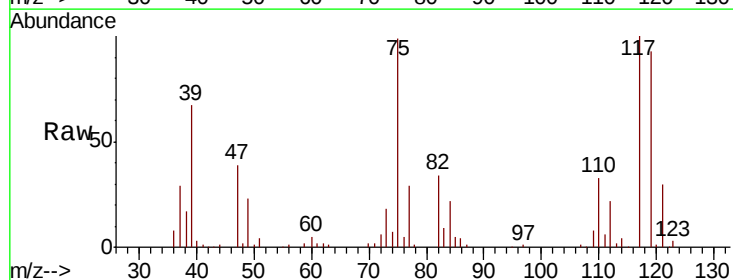
Tgt Ion: 117 Resp: 75521

Ion Ratio Lower Upper

117 100

119 93.3 77.0 115.6

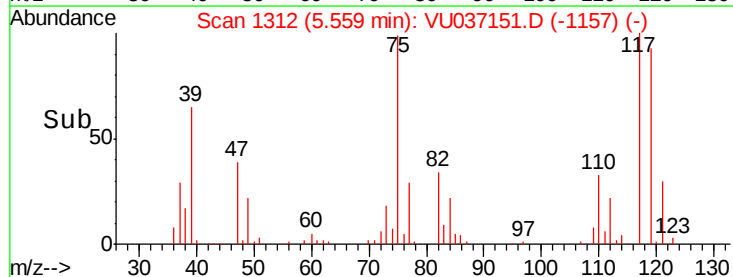
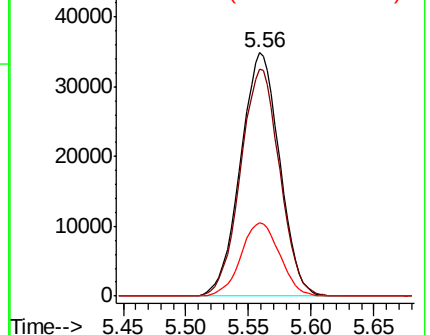
121 29.9 23.3 34.9

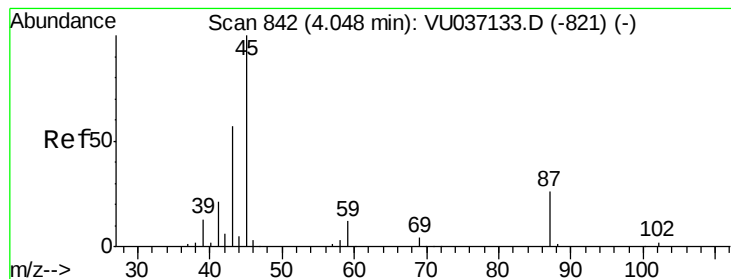


Abundance Ion 117.00 (116.70 to 117.70): VU037133.D (-1295) (-)

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

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





#31

Isopropyl Ether

Concen: 9.977 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

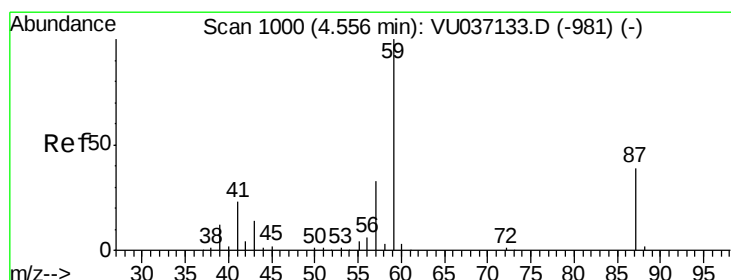
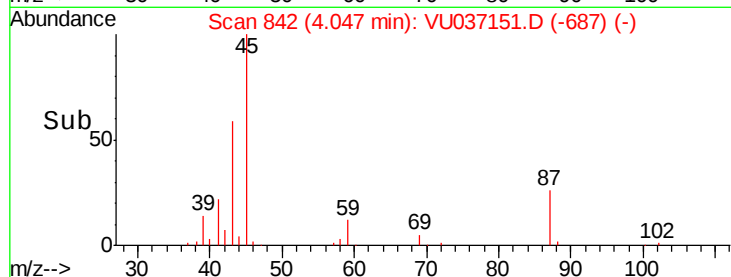
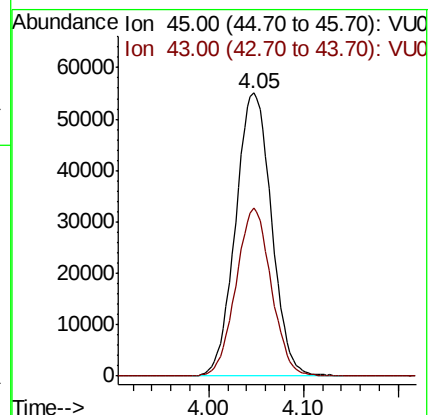
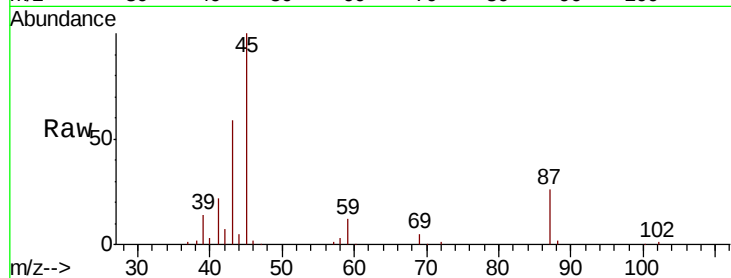
VSTDCCC010EC

Tot Ion: 45 Resp: 145384

Ion Ratio Lower Upper

45 100

43 58.4 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 10.028 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VU037151.D

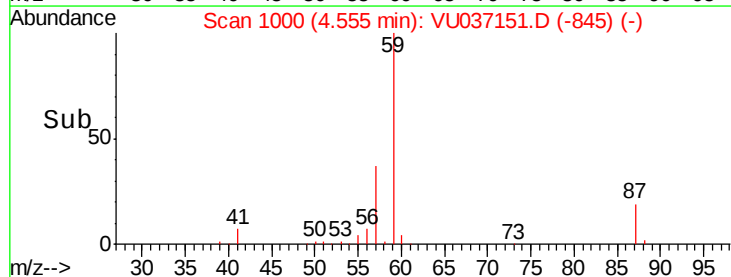
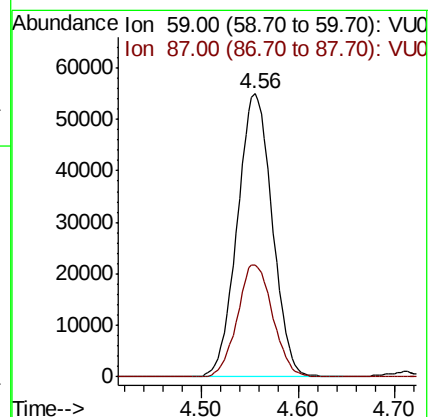
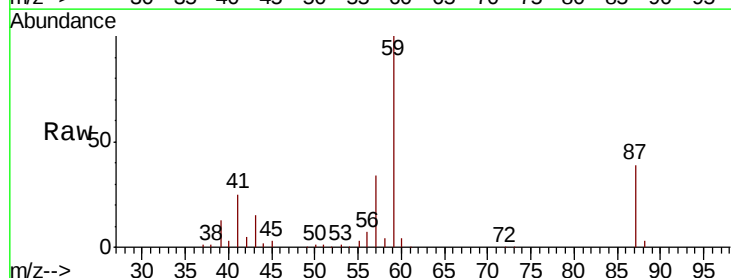
Acq: 10 Mar 2020 14:08

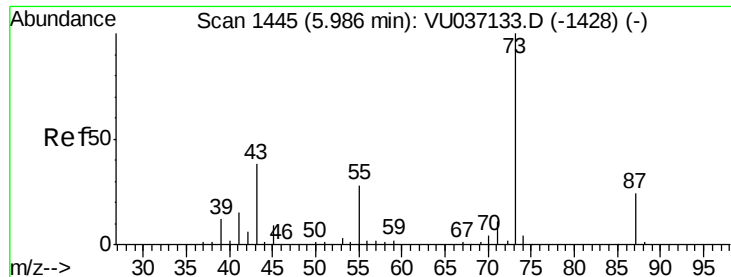
Tgt Ion: 59 Resp: 137959

Ion Ratio Lower Upper

59 100

87 39.9 35.1 52.7

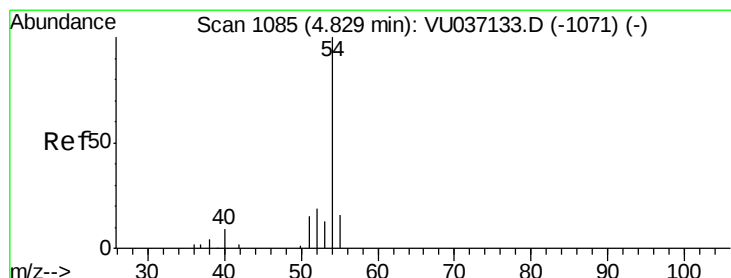
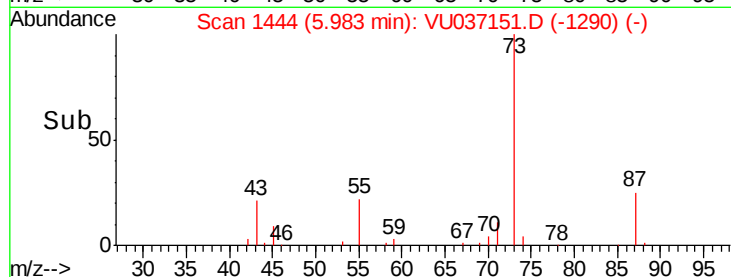
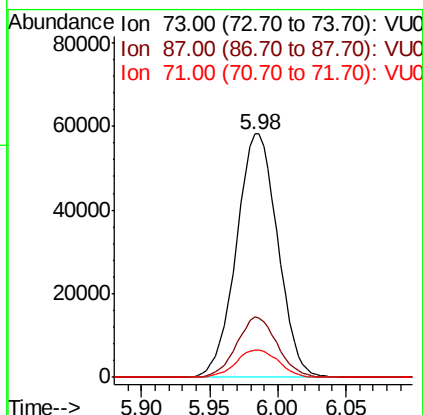
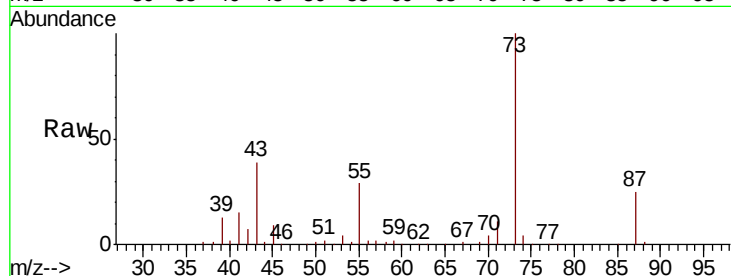




#33
Tert-Butyl methyl ether
Concen: 10.316 ug/l
RT: 5.98 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

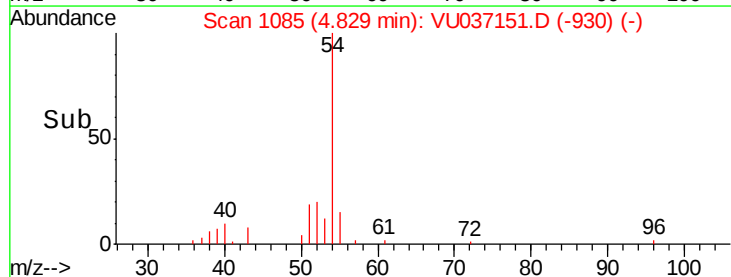
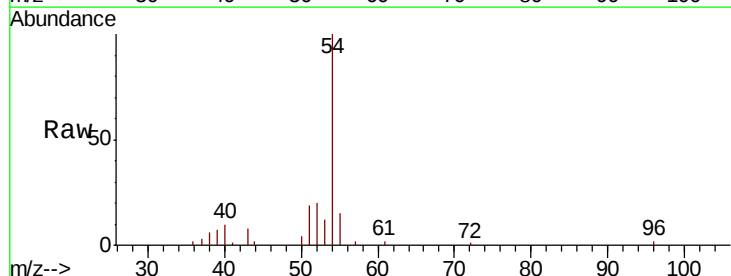
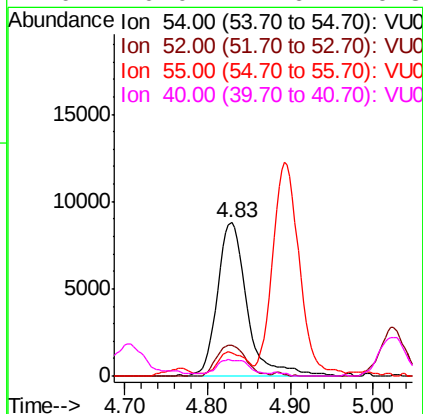
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

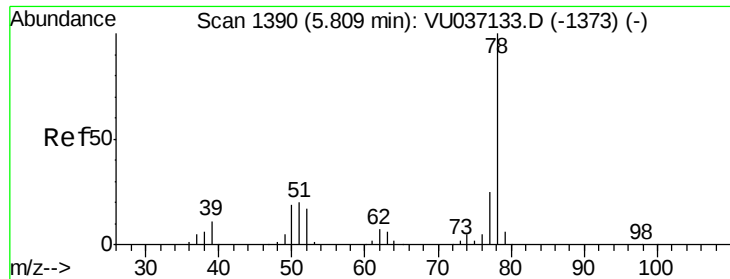
Tot Ion: 73 Resp: 121793
Ion Ratio Lower Upper
73 100
87 24.4 19.8 29.6
71 11.7 9.1 13.7



#34
Propionitrile
Concen: 55.613 ug/l
RT: 4.83 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 54 Resp: 21793
Ion Ratio Lower Upper
54 100
52 19.6 15.2 22.8
55 13.7 9.5 14.3
40 10.0 4.6 6.8#





#35

Benzene

Concen: 10.181 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

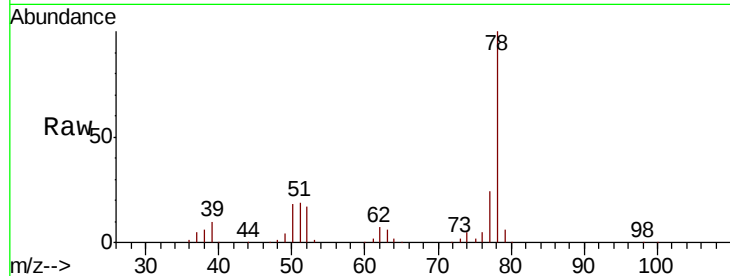
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 78 Resp: 196947

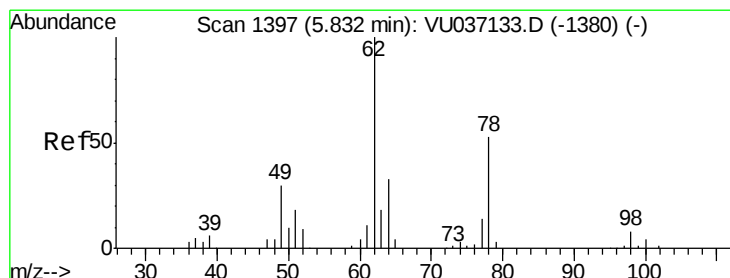
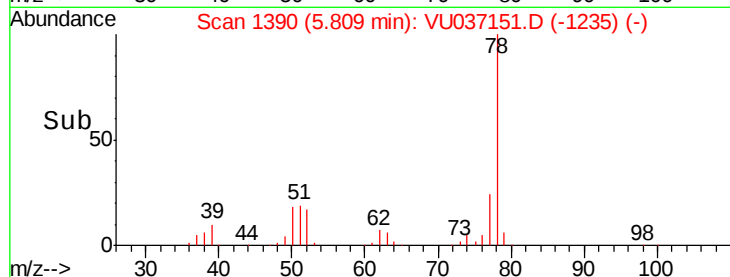
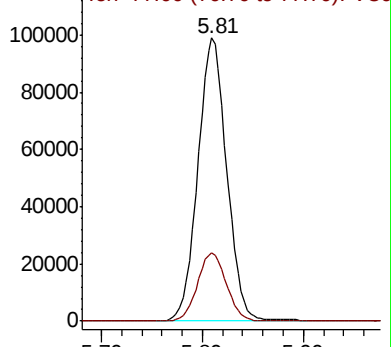
Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037151.D (-1235) (-)



#36

1,2-Dichloroethane

Concen: 9.826 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VU037151.D

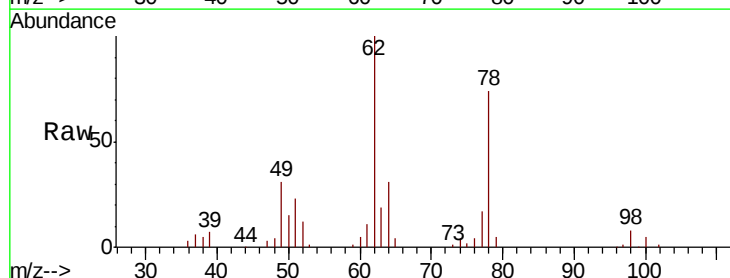
Acq: 10 Mar 2020 14:08

Tgt Ion: 62 Resp: 68905

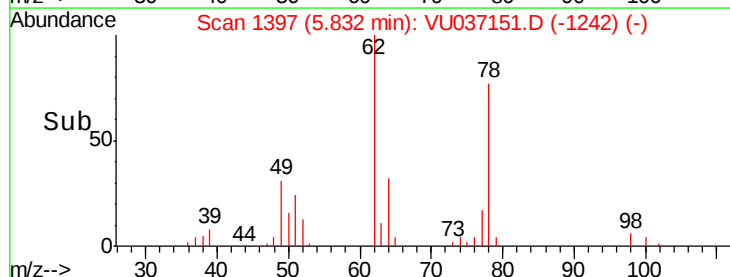
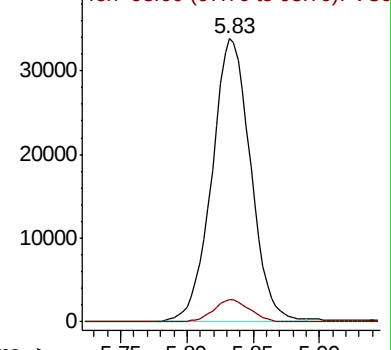
Ion Ratio Lower Upper

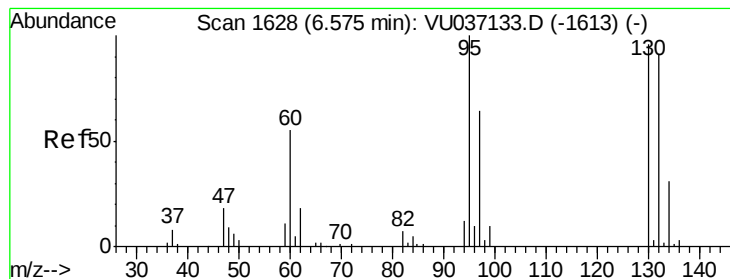
62 100

98 7.3 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU037151.D (-1242) (-)





#37

Trichloroethene

Concen: 9.766 ug/l

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

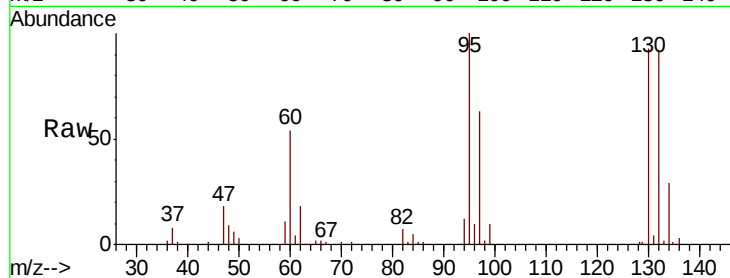
VSTDCCC010EC

Tot Ion:130 Resp: 49573

Ion Ratio Lower Upper

130 100

95 107.8 77.0 115.4



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

Ion 94.90 (94.60 to 95.60): VU037133.D (-1613) (-)

6.57

30000

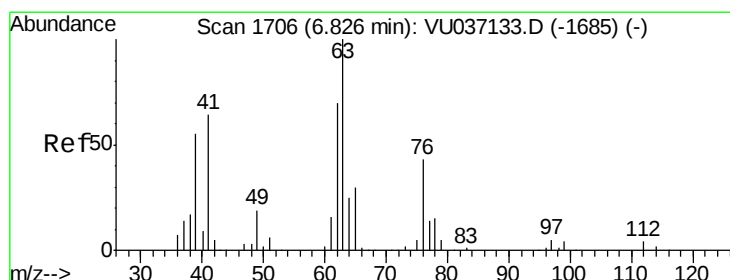
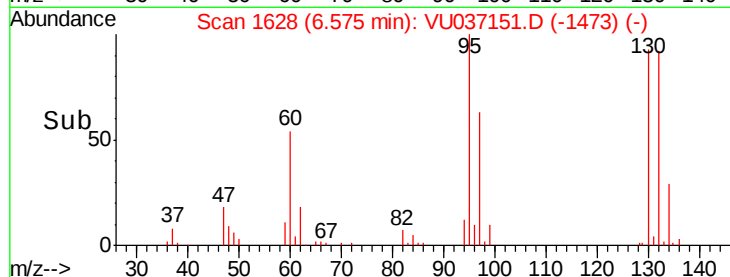
20000

10000

0

Time-->

6.50 6.55 6.60 6.65



#38

1,2-Dichloropropane

Concen: 9.930 ug/l

RT: 6.83 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VU037151.D

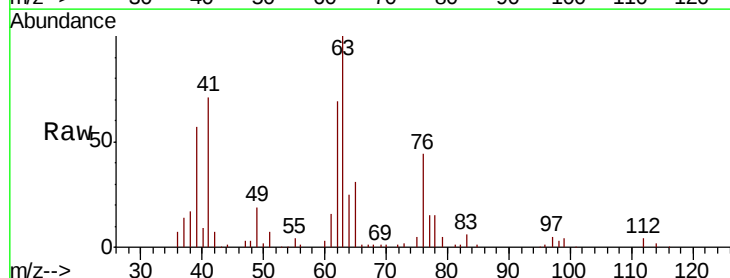
Acq: 10 Mar 2020 14:08

Tgt Ion: 63 Resp: 52726

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



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

Ion 65.00 (64.70 to 65.70): VU037133.D (-1685) (-)

6.83

30000

25000

20000

15000

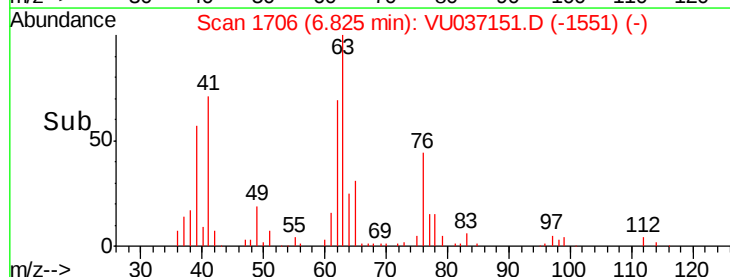
10000

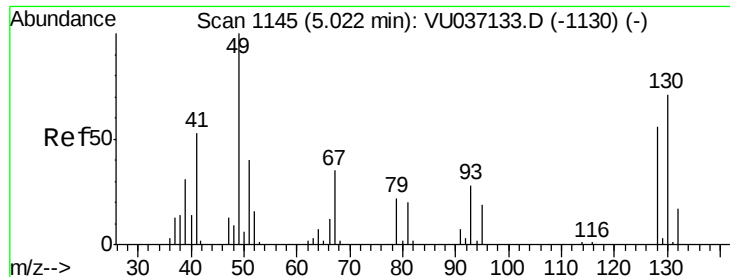
5000

0

Time-->

6.75 6.80 6.85 6.90

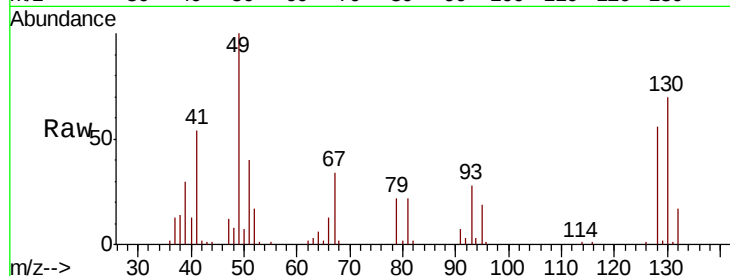




#39
Methacrylonitrile
Concen: 10.429 ug/l
RT: 5.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
67	65.3	69.6	104.4#
39	59.8	41.6	62.4
52	30.3	25.9	38.9



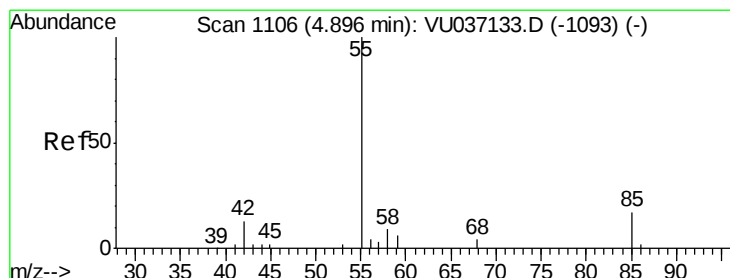
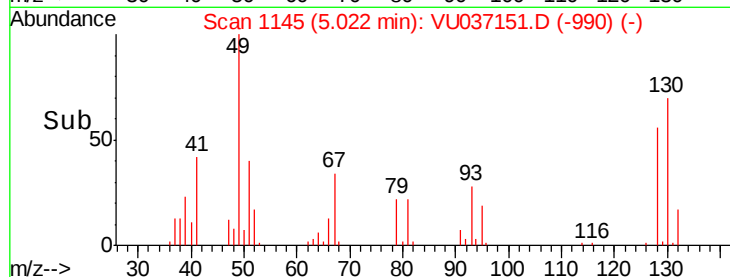
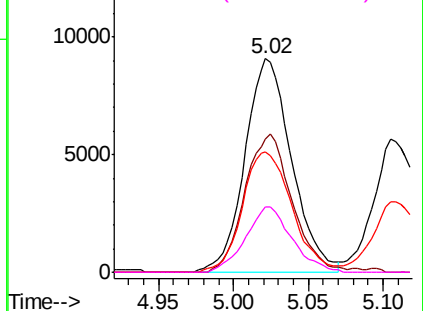
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

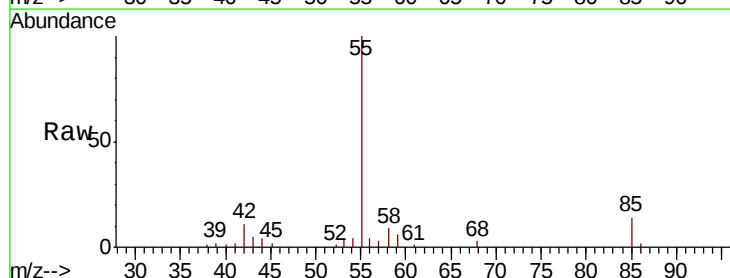
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 10.264 ug/l
RT: 4.89 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
55	100		
85	14.3	14.7	22.1#
58	9.0	7.1	10.7
42	11.5	6.9	10.3#



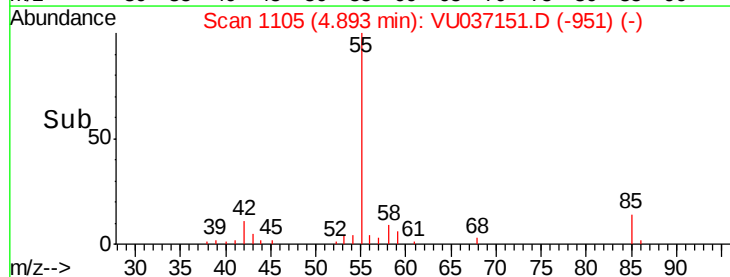
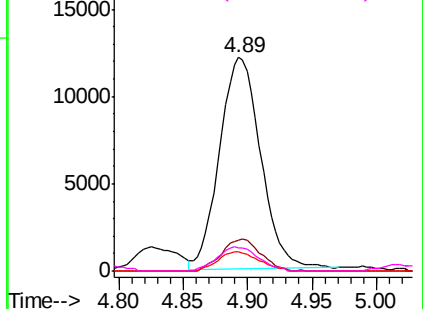
Abundance

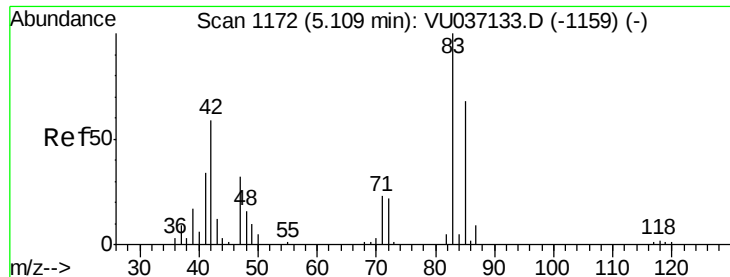
Ion 55.00 (54.70 to 55.70): VU0

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: 20.000 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

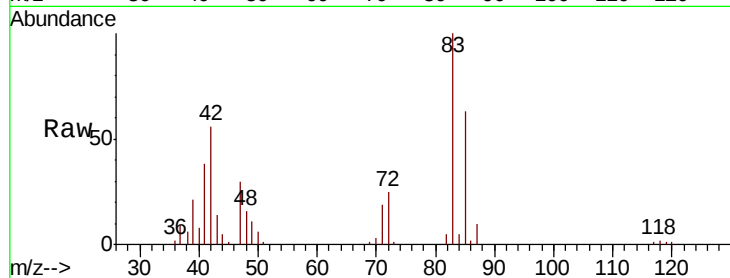
Tot Ion: 42 Resp: 18866

Ion Ratio Lower Upper

42 100

72 42.9 42.5 63.7

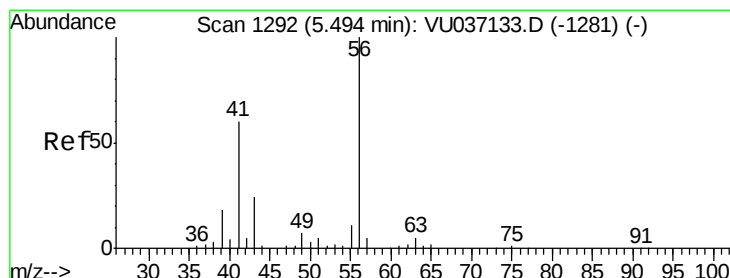
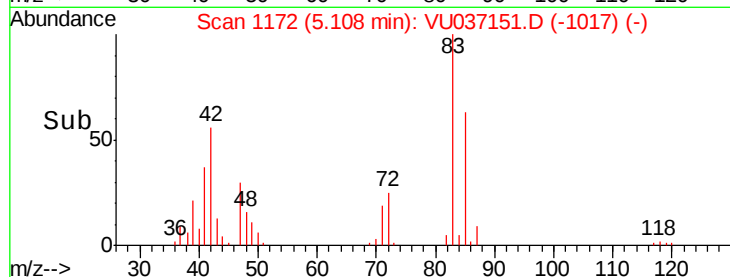
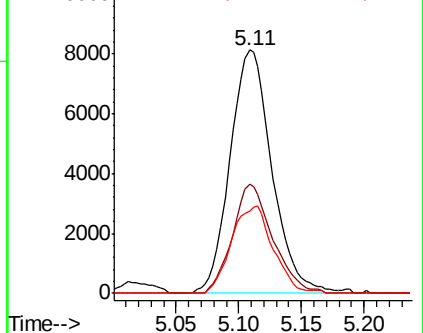
71 35.6 37.3 55.9#



Abundance Ion 42.00 (41.70 to 42.70): VU037133.D (-1159) (-)

Ion 72.00 (71.70 to 72.70): VU037133.D (-1159) (-)

Ion 71.00 (70.70 to 71.70): VU037133.D (-1159) (-)



#42

1-Chlorobutane

Concen: 10.208 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VU037151.D

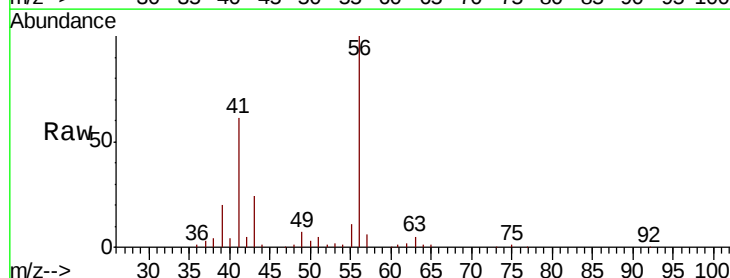
Acq: 10 Mar 2020 14:08

Tgt Ion: 56 Resp: 100118

Ion Ratio Lower Upper

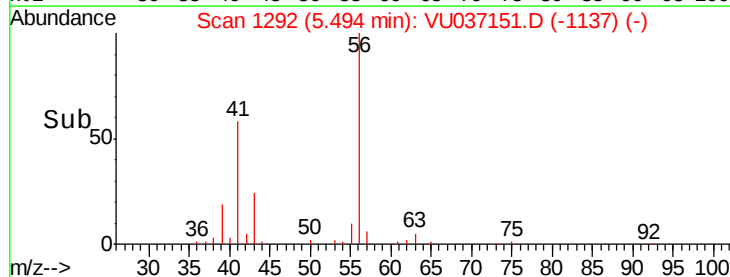
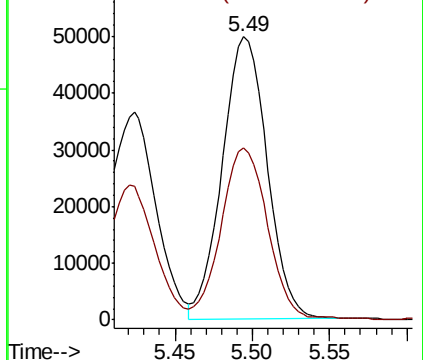
56 100

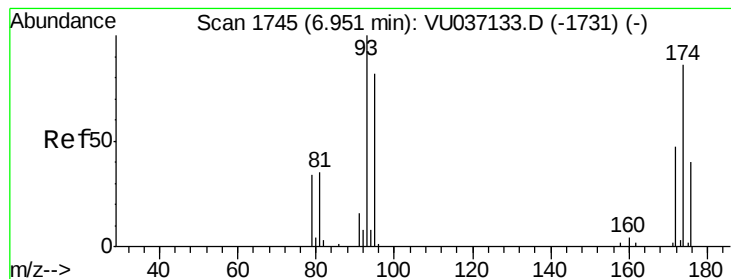
41 63.7 24.8 74.3



Abundance Ion 56.00 (55.70 to 56.70): VU037133.D (-1281) (-)

Ion 41.00 (40.70 to 41.70): VU037133.D (-1281) (-)





#43

Dibromomethane

Concen: 10.433 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

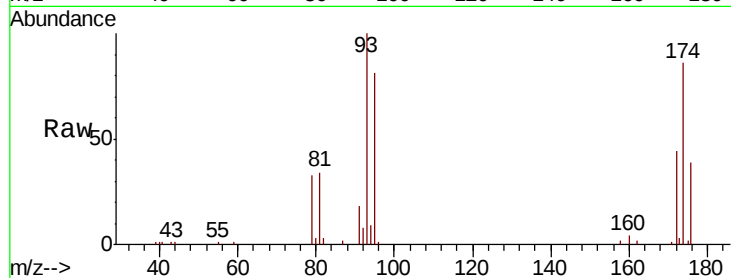
Tot Ion: 93 Resp: 28395

Ion Ratio Lower Upper

93 100

95 82.1 67.9 101.9

174 86.5 83.4 125.0

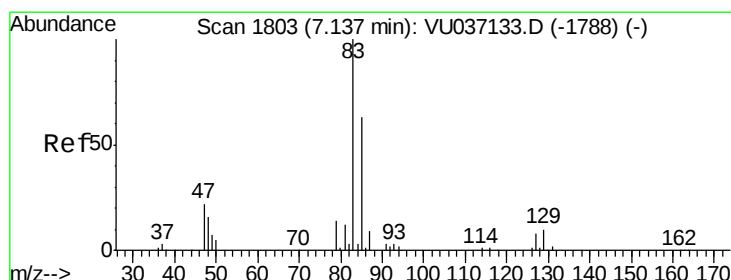
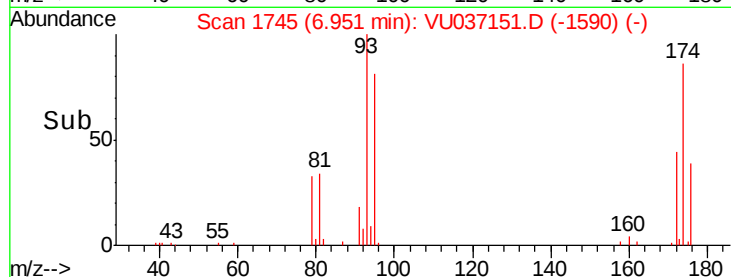
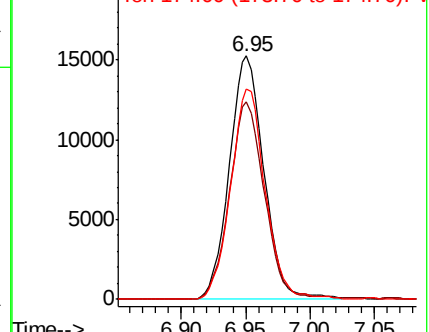


Abundance

Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 10.242 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

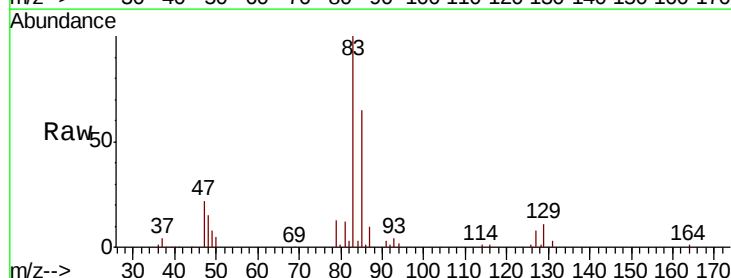
Tgt Ion: 83 Resp: 72568

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

127 8.5 6.8 10.2

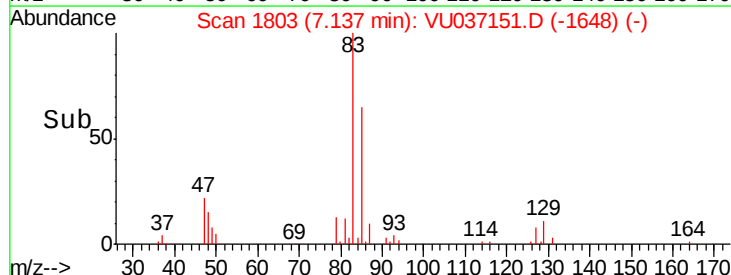
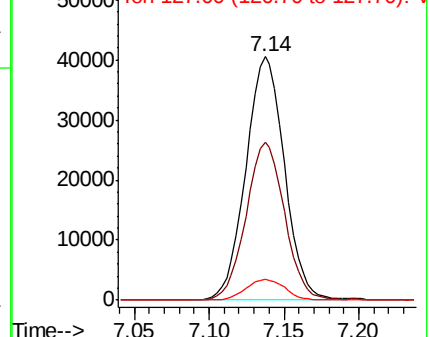


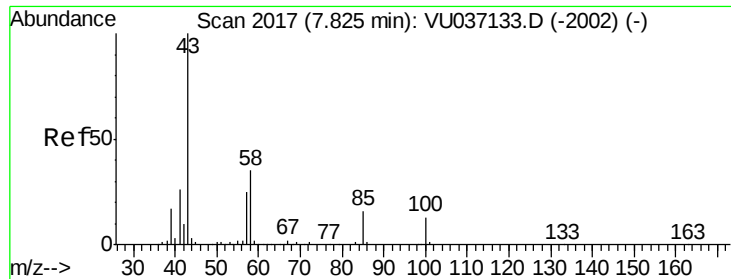
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

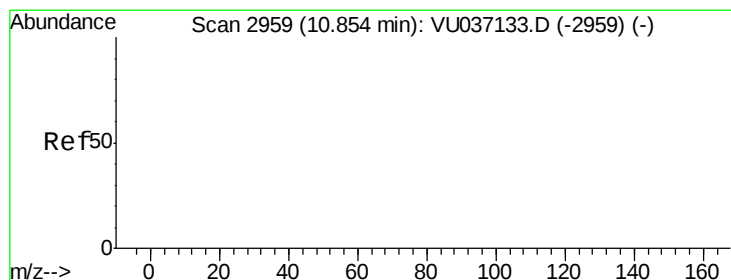
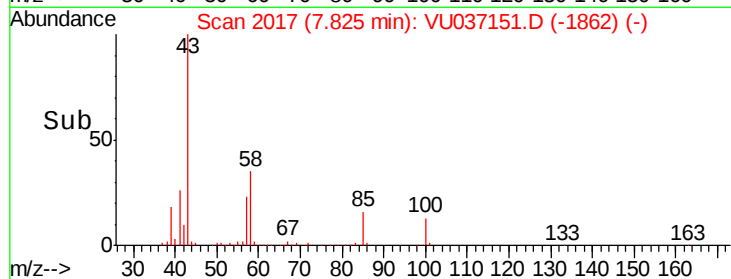
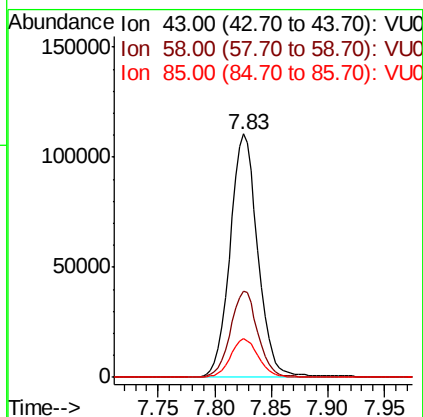
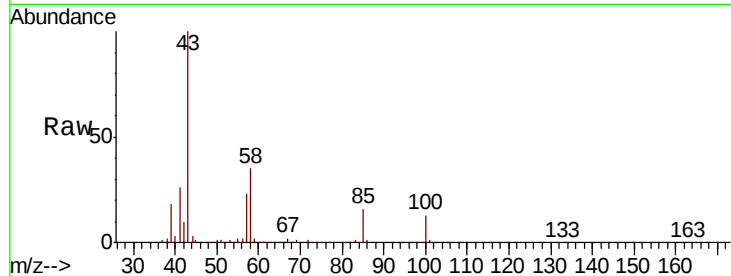




#45
4-Methyl-2-Pentanone
Concen: 51.763 ug/l
RT: 7.83 min Scan# 2017
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

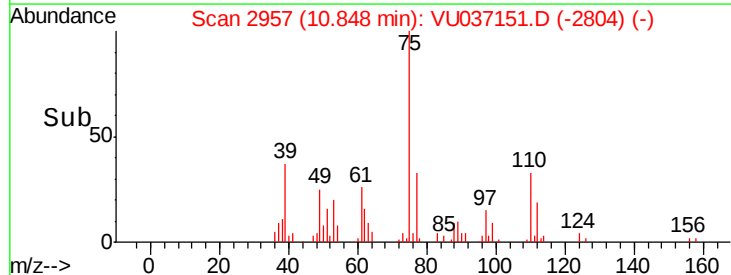
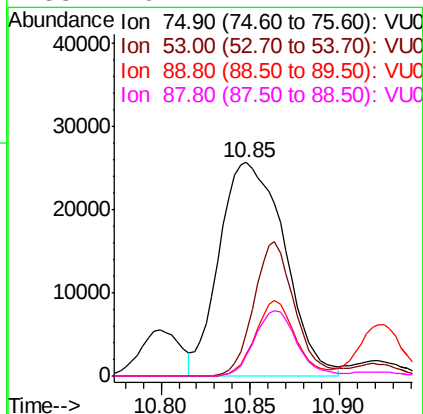
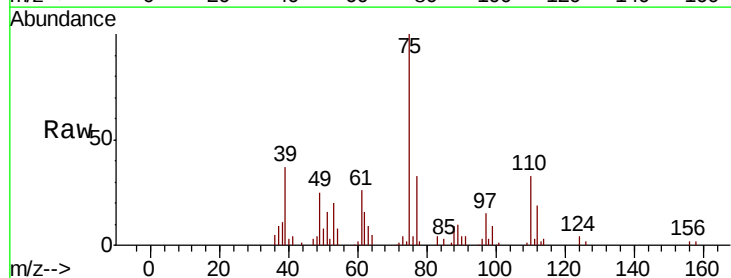
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

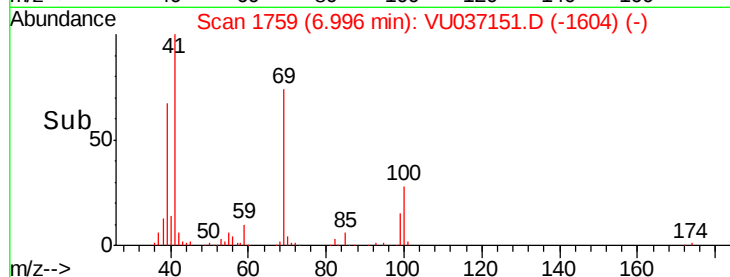
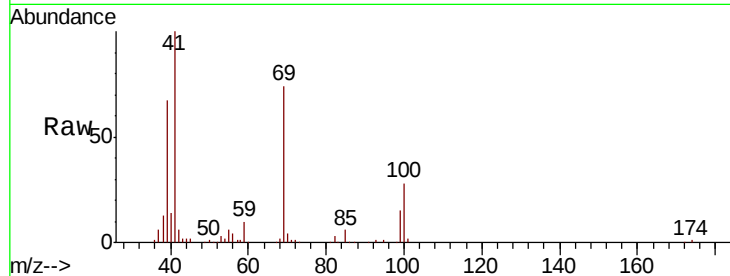
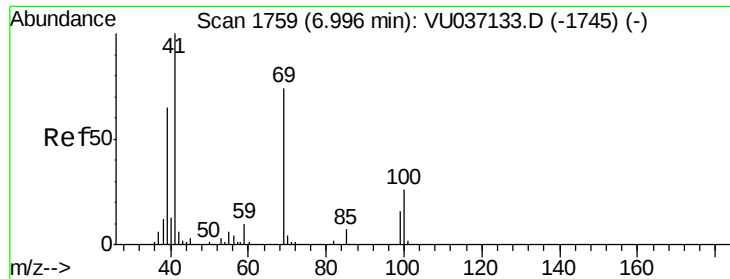
Tot Ion: 43 Resp: 188918
Ion Ratio Lower Upper
43 100
58 35.0 22.1 66.1
85 15.9 17.4 26.0#



#46
t-1,4-Dichloro-2-butene
Concen: 65.373 ug/l
RT: 10.85 min Scan# 2957
Delta R.T. -0.01 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 75 Resp: 65304
Ion Ratio Lower Upper
75 100
53 39.7 52.2 78.2#
89 21.9 39.8 59.6#
88 20.2 27.4 41.2#

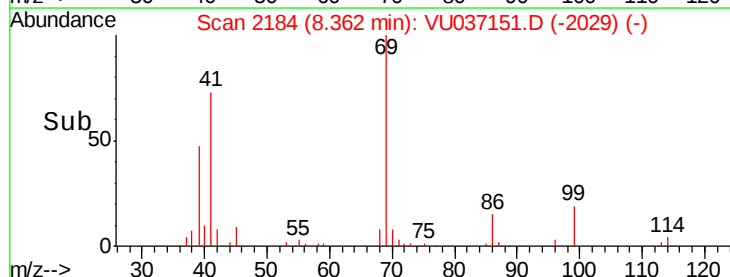
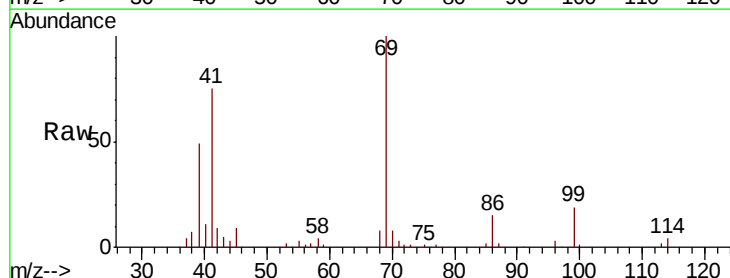
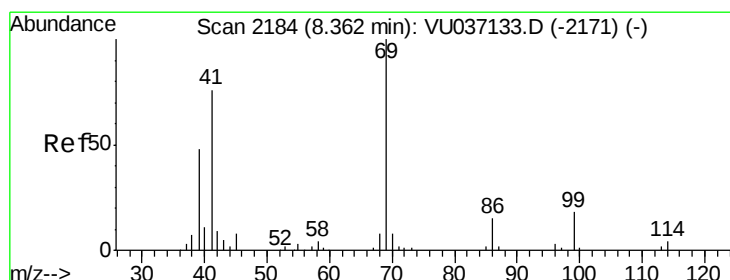
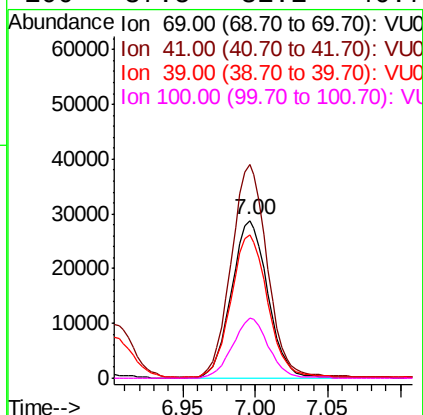




#47
Methyl methacrylate
Concen: 22.355 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

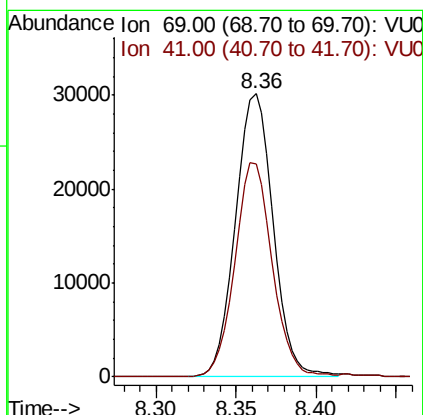
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

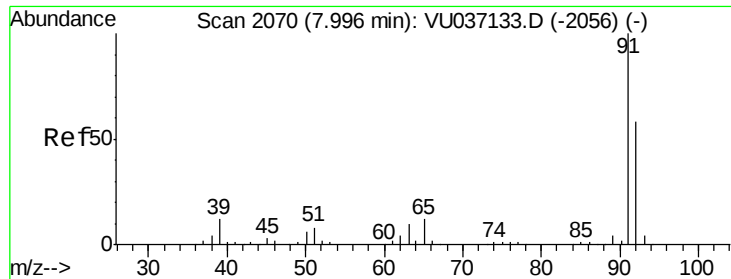
Tot Ion: 69 Resp: 50284
Ion Ratio Lower Upper
69 100
41 133.2 0.0 200.8
39 91.2 43.5 65.3#
100 37.5 31.1 46.7



#48
Ethyl methacrylate
Concen: 10.876 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 69 Resp: 48334
Ion Ratio Lower Upper
69 100
41 74.9 27.9 83.6





#49

Toluene

Concen: 10.695 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

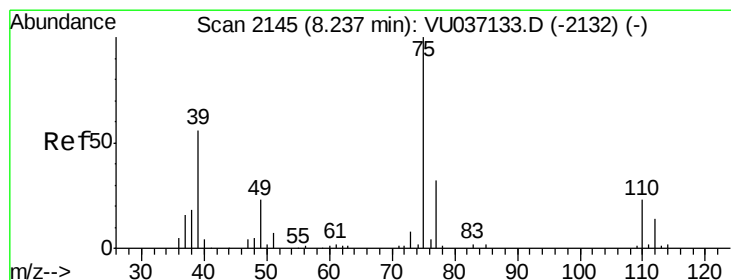
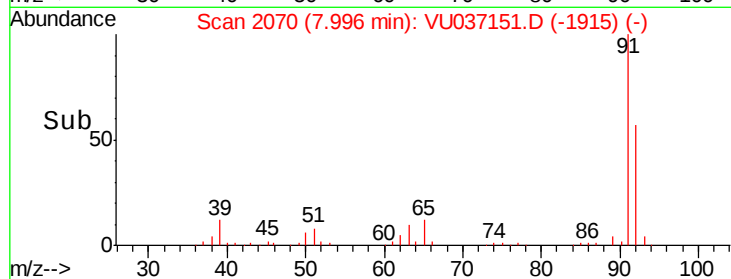
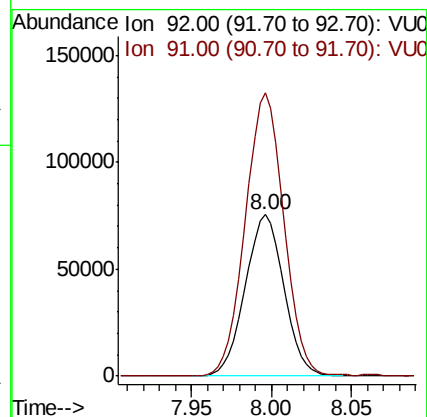
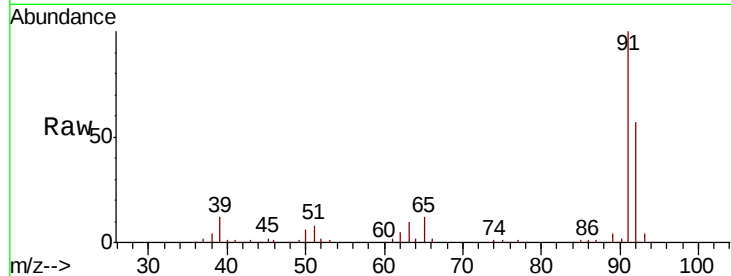
VSTDCCC010EC

Tot Ion: 92 Resp: 124938

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 10.713 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037151.D

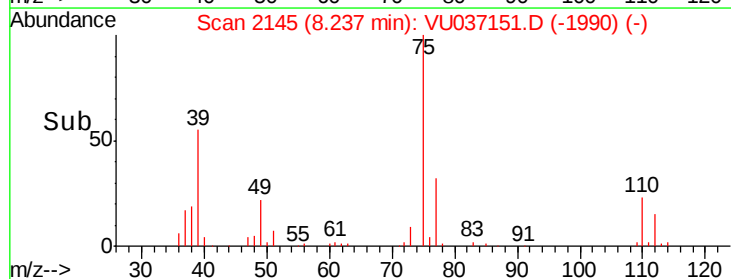
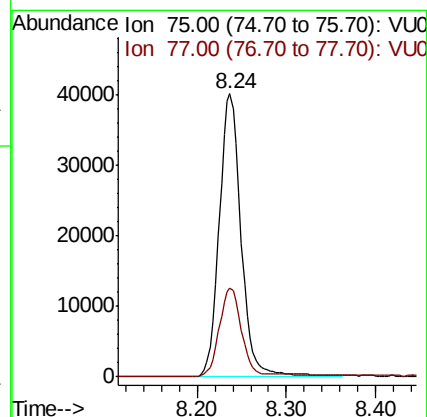
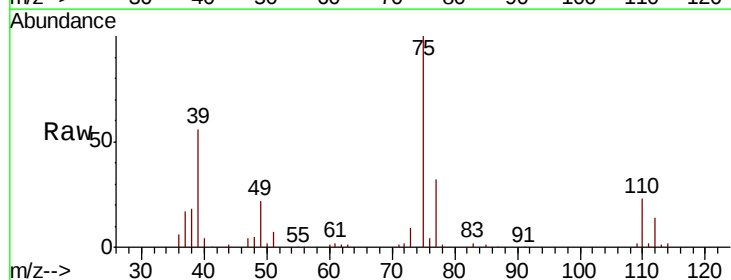
Acq: 10 Mar 2020 14:08

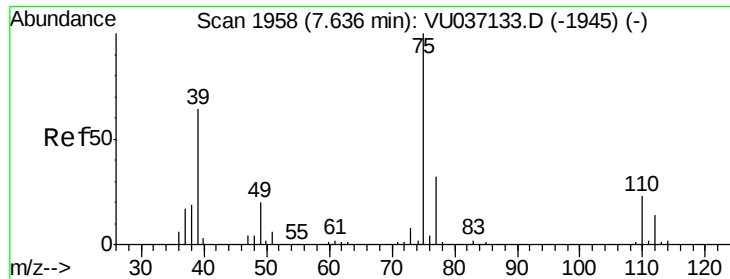
Tgt Ion: 75 Resp: 68380

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



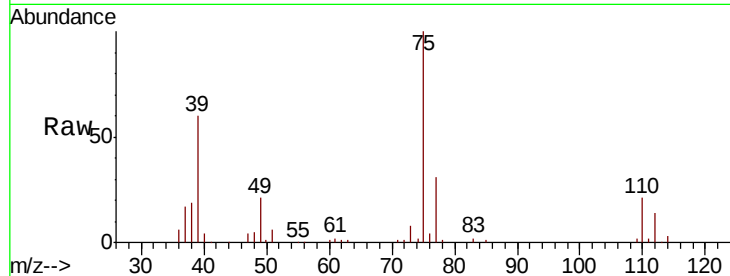


#51

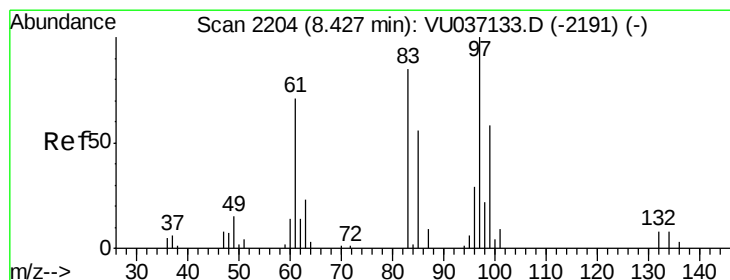
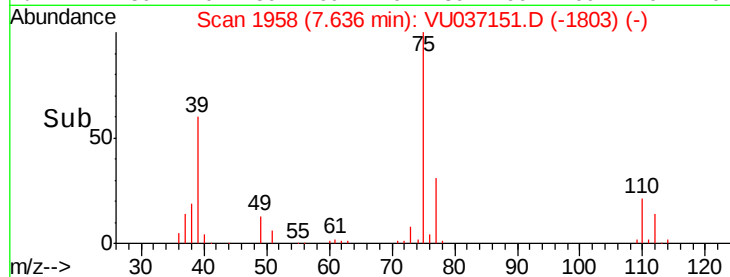
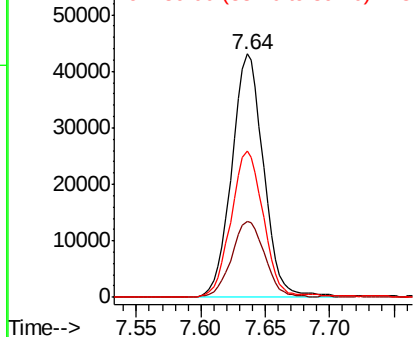
cis-1,3-Dichloropropene
Concen: 10.162 ug/l
RT: 7.64 min Scan# 1958
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 75 Resp: 74084
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 60.0 31.8 47.6#



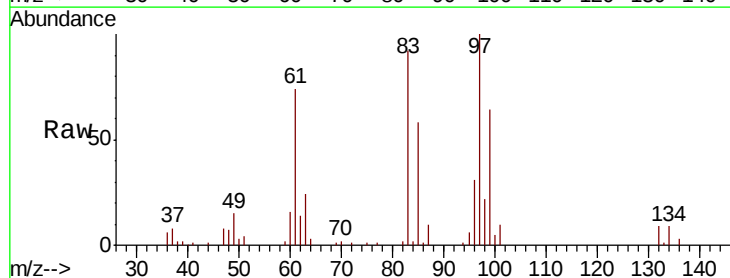
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



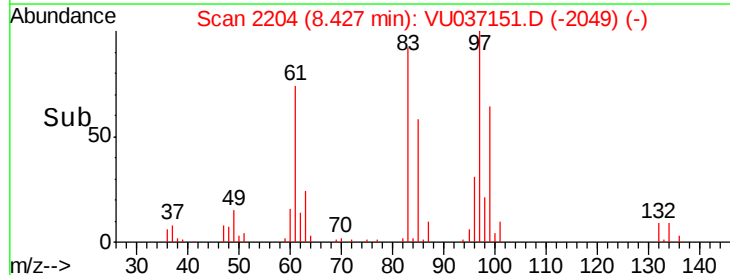
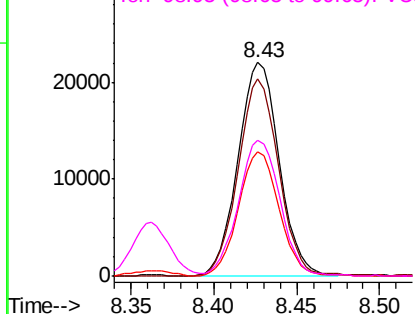
#52

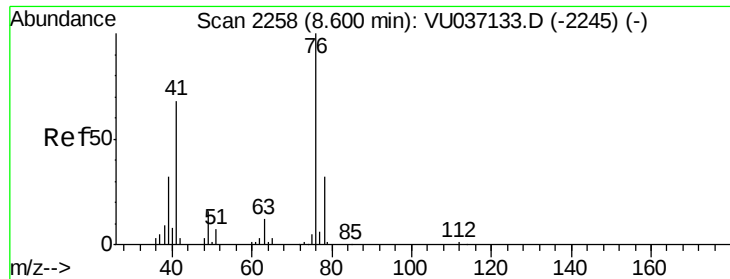
1,1,2-Trichloroethane
Concen: 10.475 ug/l
RT: 8.43 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 97 Resp: 38033
Ion Ratio Lower Upper
97 100
83 92.1 70.9 106.3
85 58.0 45.6 68.4
99 62.9 51.0 76.4



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 84.95 (84.65 to 85.65): VU0
Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 10.294 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

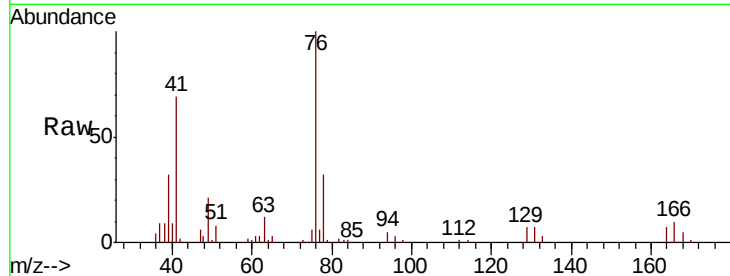
VSTDCCC010EC

Tot Ion: 76 Resp: 66297

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



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

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

8.60

40000

30000

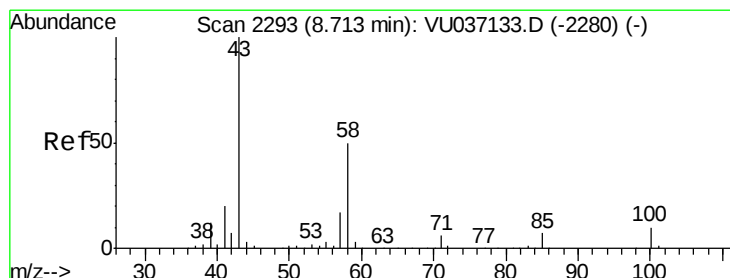
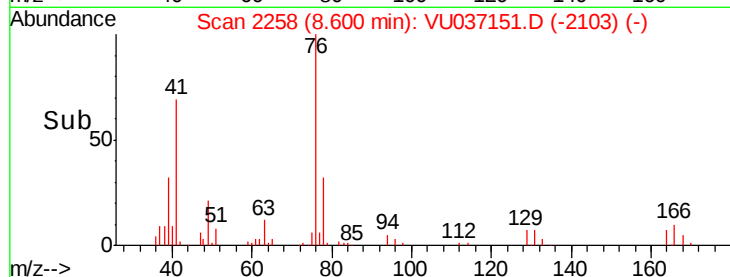
20000

10000

0

8.55 8.60 8.65

Time-->



#54

2-Hexanone

Concen: 53.703 ug/l

RT: 8.71 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

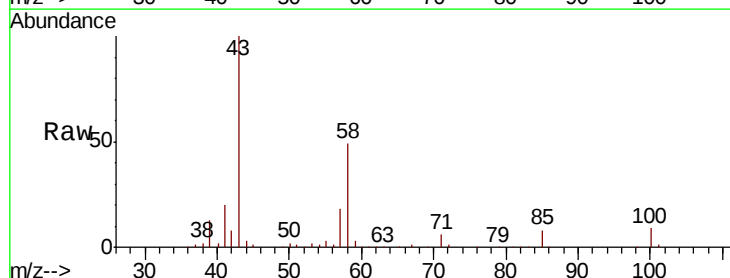
Tgt Ion: 43 Resp: 135023

Ion Ratio Lower Upper

43 100

58 48.6 40.6 80.6

57 17.5 1.2 41.2



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

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

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

8.71

100000

80000

60000

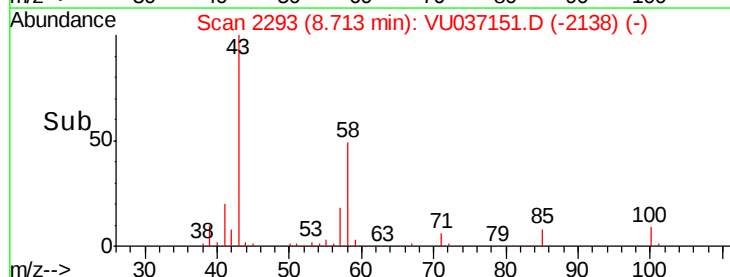
40000

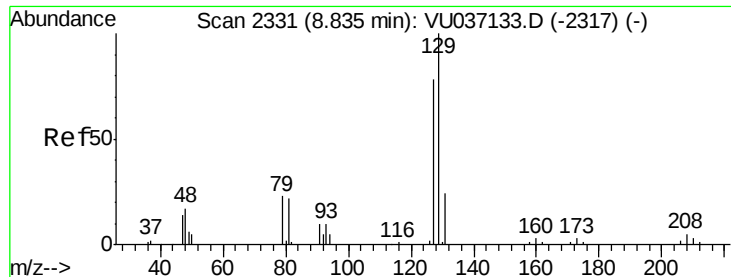
20000

0

8.65 8.70 8.75 8.80

Time-->





#55

Dibromochloromethane

Concen: 10.653 ug/l

RT: 8.83 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

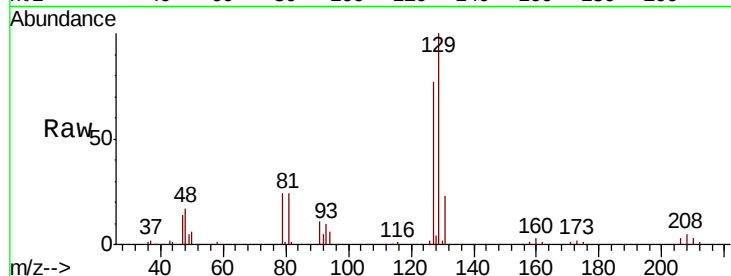
VSTDCCC010EC

Tot Ion:129 Resp: 47879

Ion Ratio Lower Upper

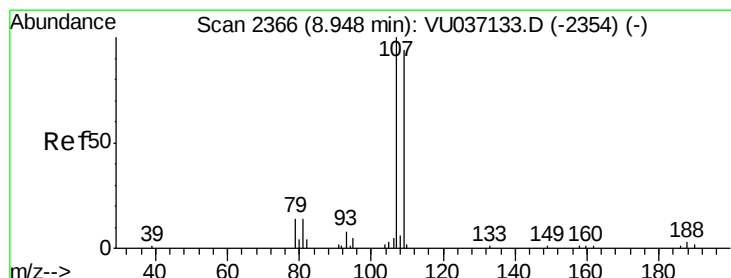
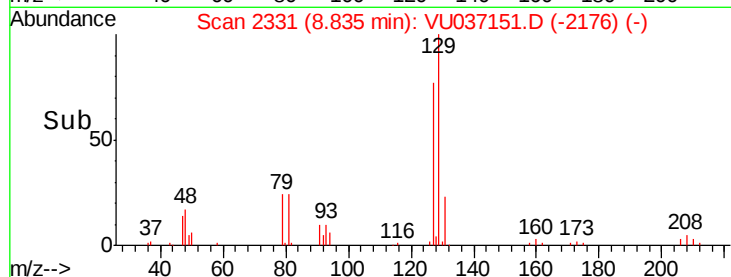
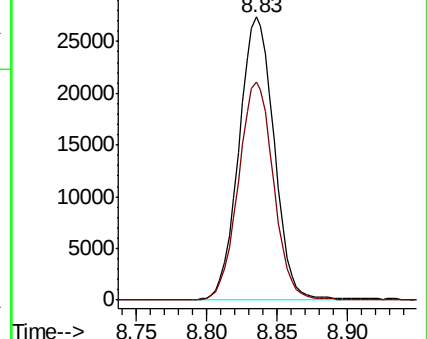
129 100

127 76.7 62.6 94.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.530 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. -0.00 min

Lab File: VU037151.D

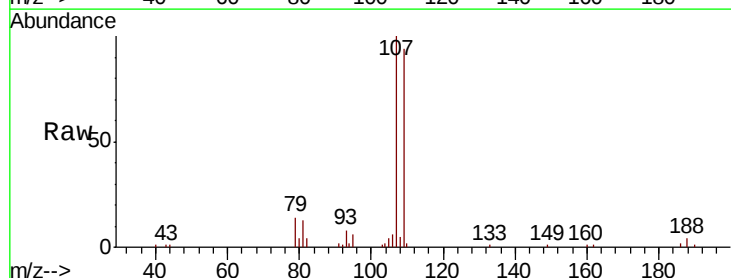
Acq: 10 Mar 2020 14:08

Tgt Ion:107 Resp: 36208

Ion Ratio Lower Upper

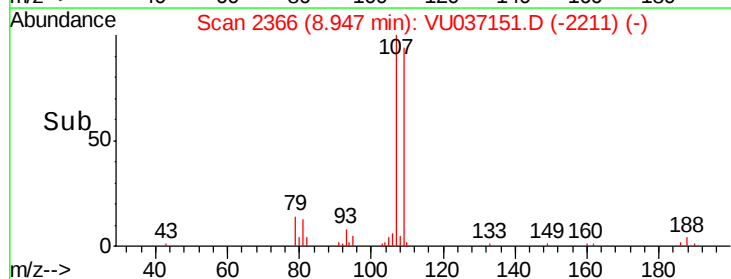
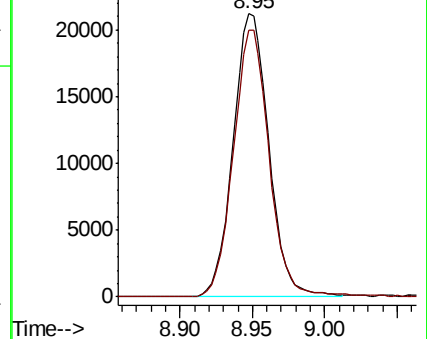
107 100

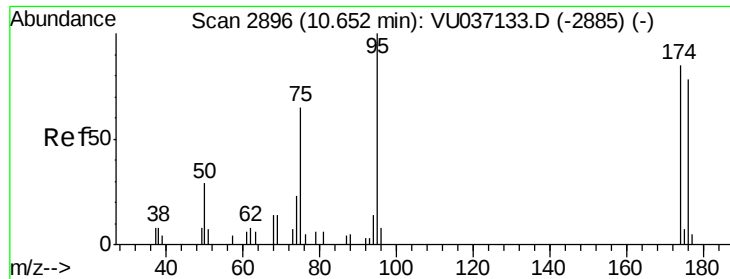
109 94.5 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

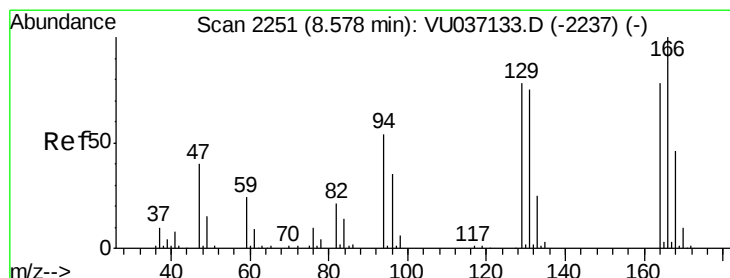
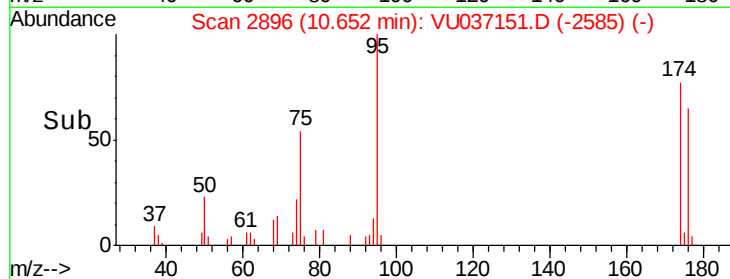
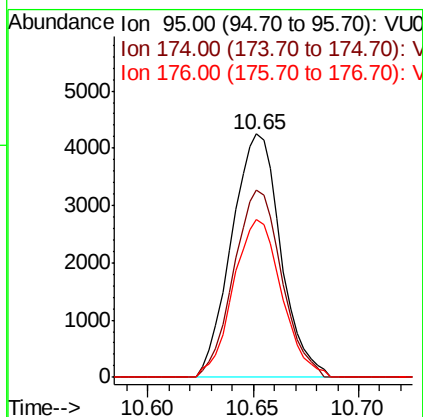
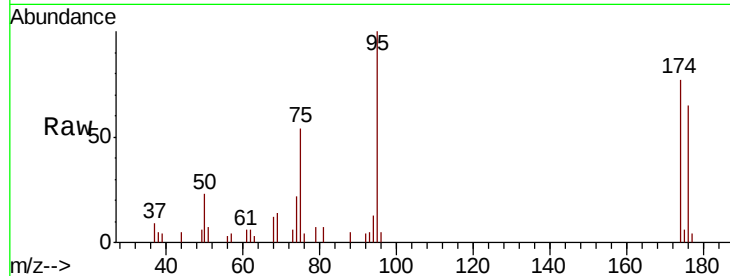




#57
4-Bromofluorobenzene
Concen: 1.106 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

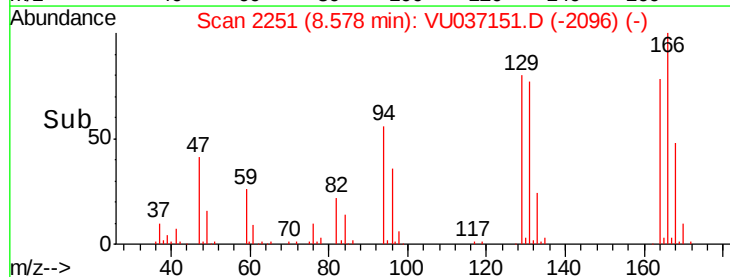
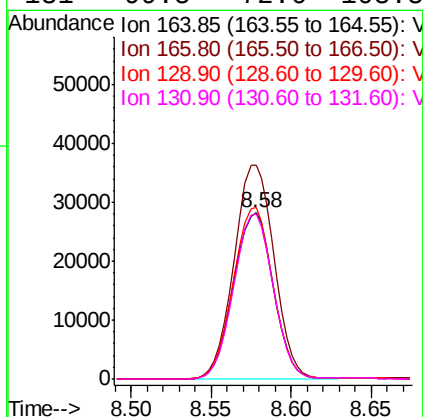
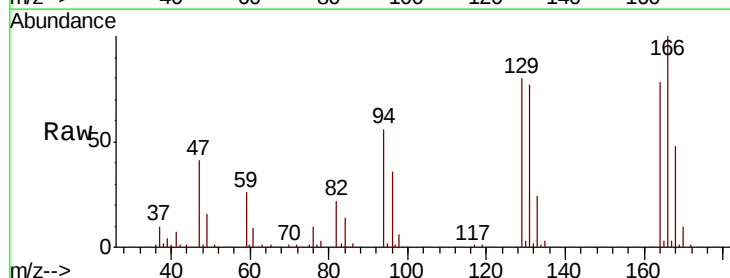
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

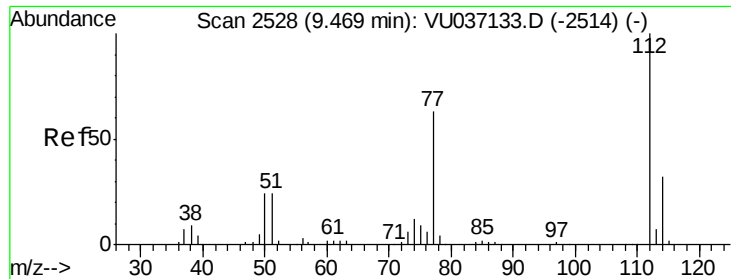
Tot Ion: 95 Resp: 6859
Ion Ratio Lower Upper
95 100
174 75.2 64.7 97.1
176 64.0 60.6 91.0



#58
Tetrachloroethene
Concen: 10.055 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 164 Resp: 47900
Ion Ratio Lower Upper
164 100
166 128.4 102.0 153.0
129 103.1 74.9 112.3
131 99.5 72.6 108.8





#59

Chlorobenzene

Concen: 10.317 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

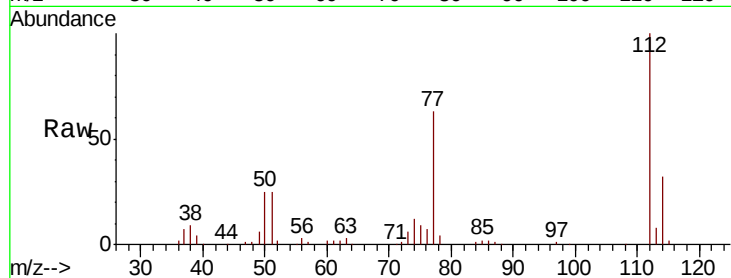
VSTDCCC010EC

Tot Ion:112 Resp: 134516

Ion Ratio Lower Upper

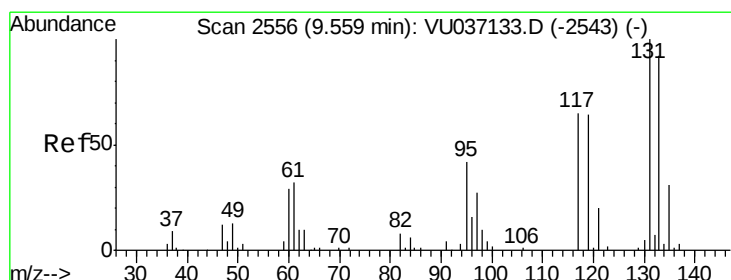
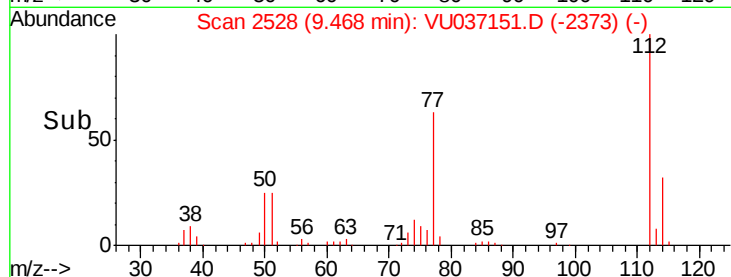
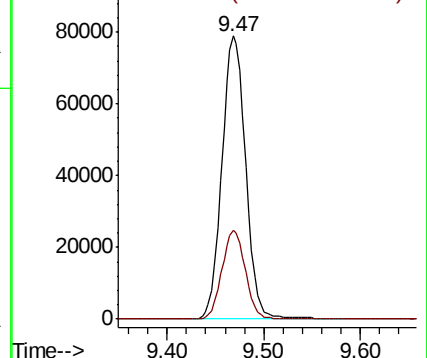
112 100

114 31.5 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: 10.251 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

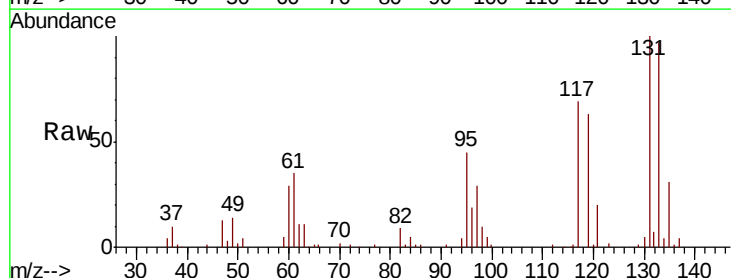
Tgt Ion:131 Resp: 48924

Ion Ratio Lower Upper

131 100

133 96.2 76.4 114.6

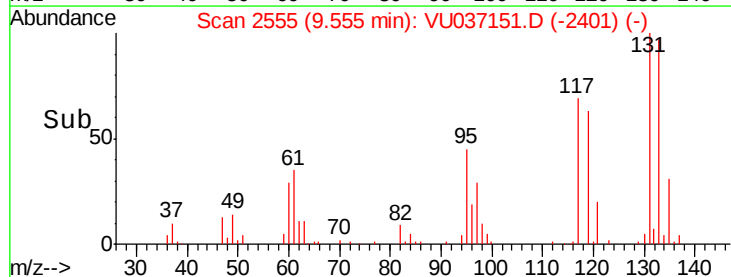
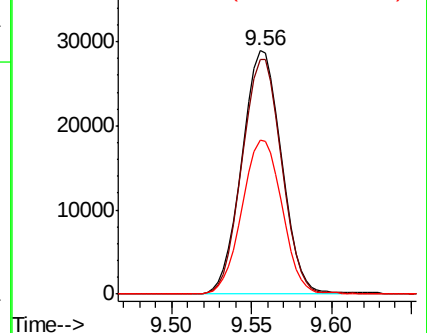
119 63.8 56.6 85.0

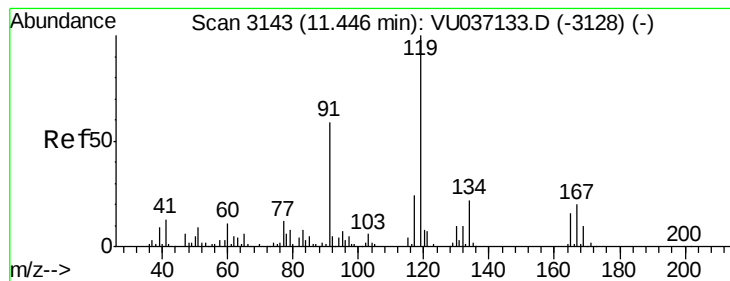


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 10.549 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

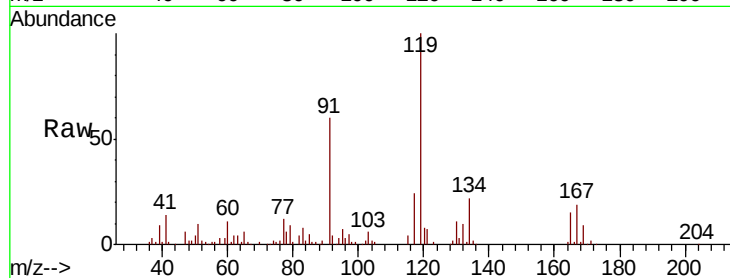
VSTDCCC010EC

Tot Ion:117 Resp: 38409

Ion Ratio Lower Upper

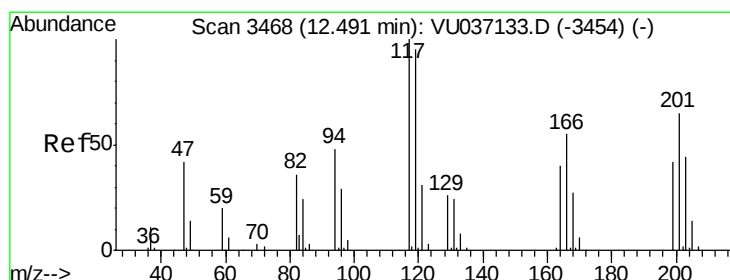
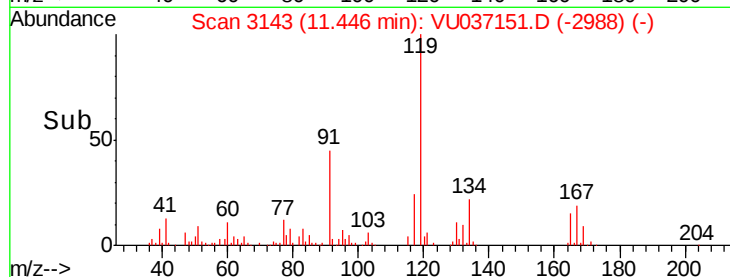
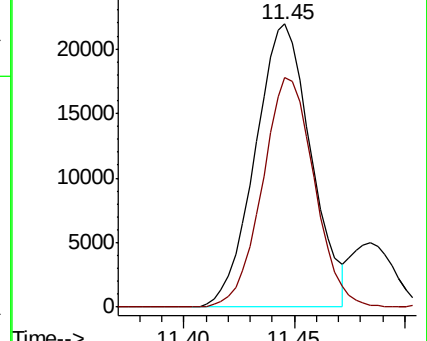
117 100

167 75.4 66.7 100.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.535 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. -0.00 min

Lab File: VU037151.D

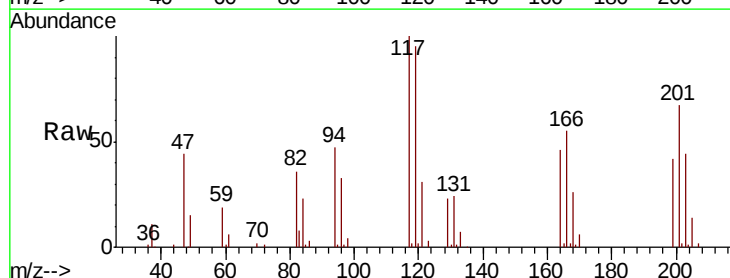
Acq: 10 Mar 2020 14:08

Tgt Ion:117 Resp: 41062

Ion Ratio Lower Upper

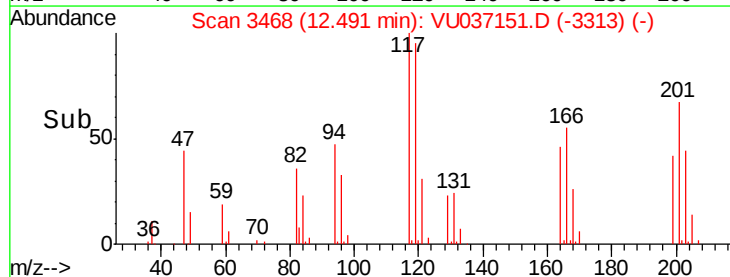
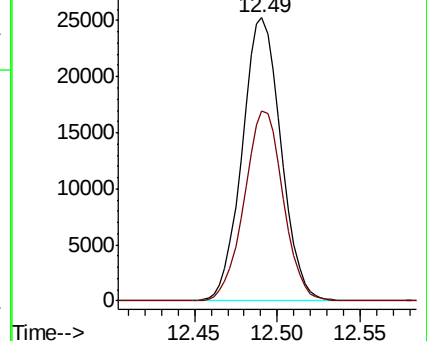
117 100

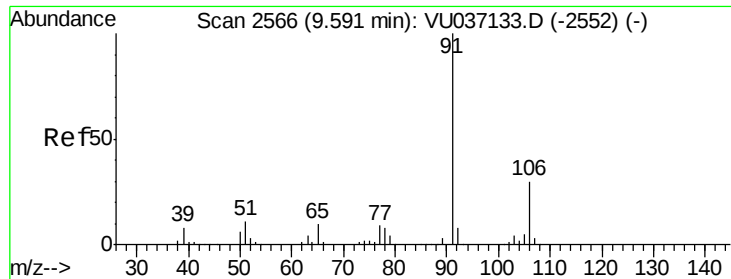
201 67.0 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

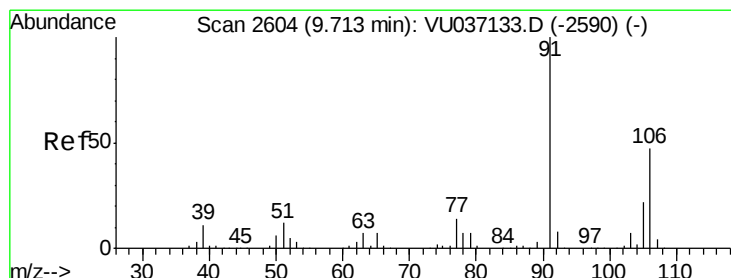
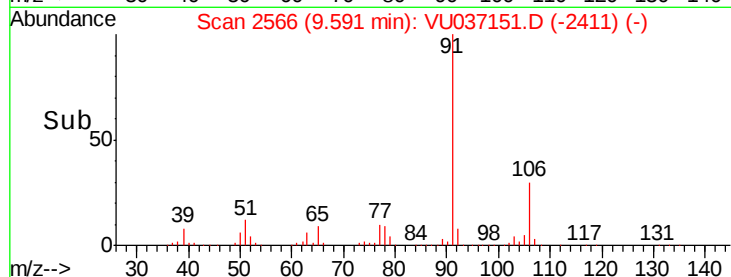
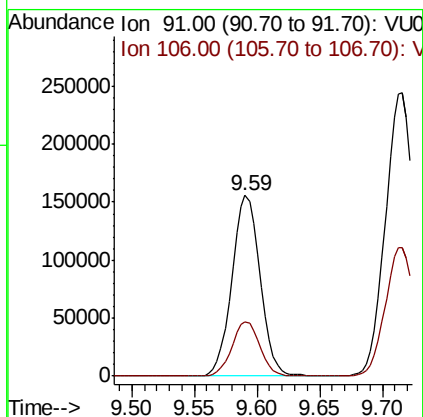
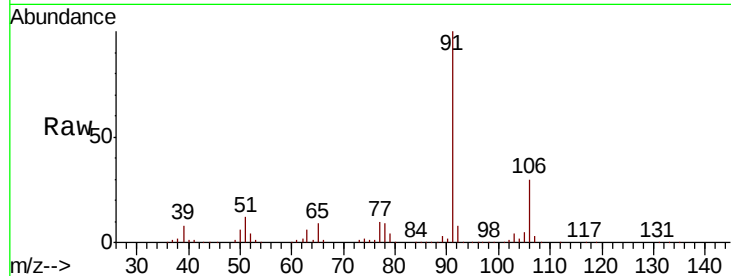




#63
Ethyl Benzene
Concen: 10.968 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

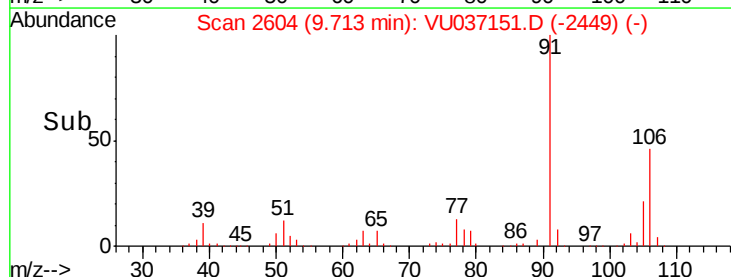
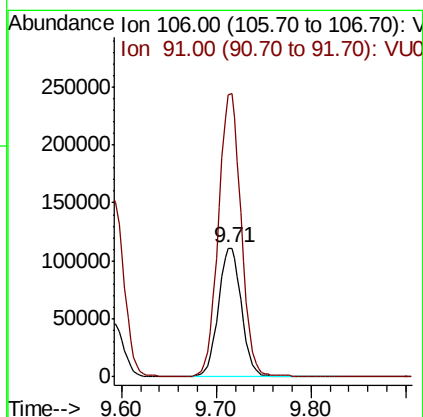
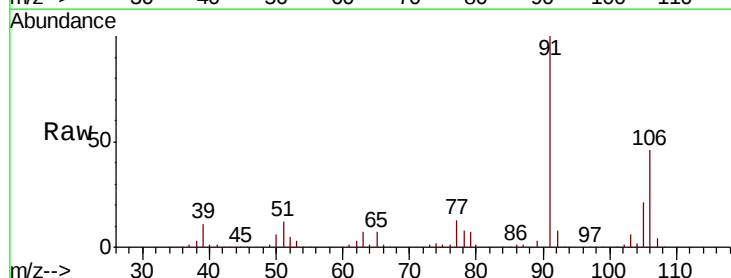
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

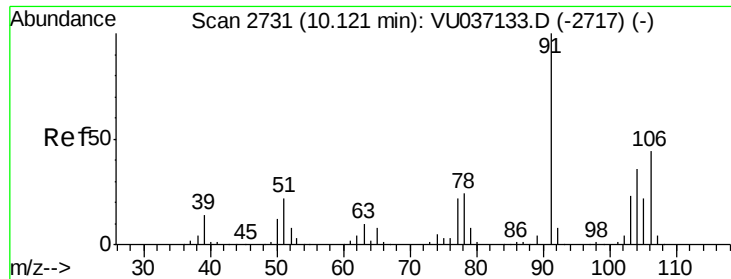
Tot Ion: 91 Resp: 244102
Ion Ratio Lower Upper
91 100
106 30.2 26.0 39.0



#64
m/p-Xylenes
Concen: 22.332 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion: 106 Resp: 188151
Ion Ratio Lower Upper
106 100
91 215.5 158.2 237.4

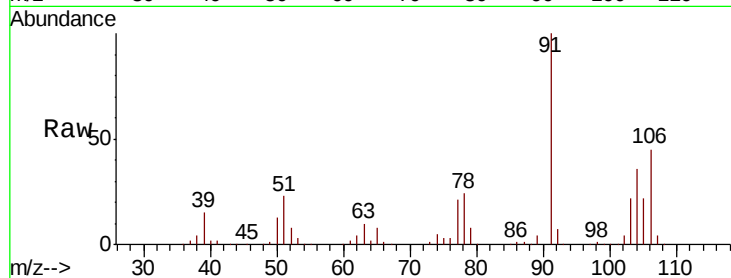




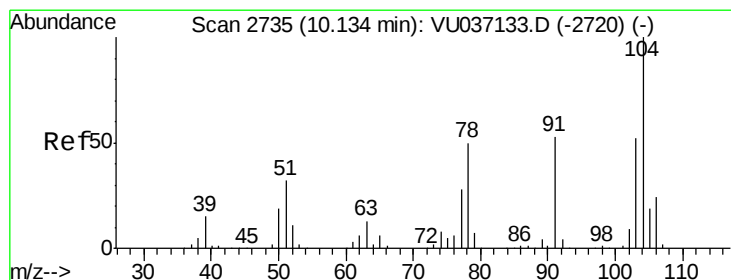
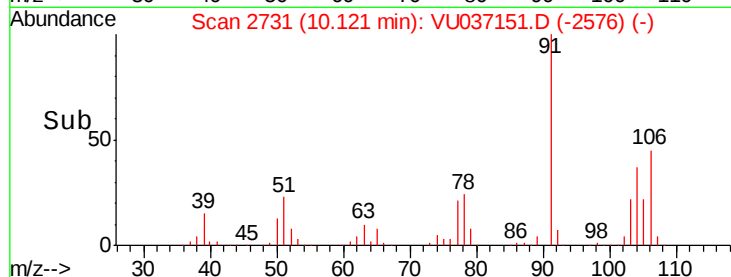
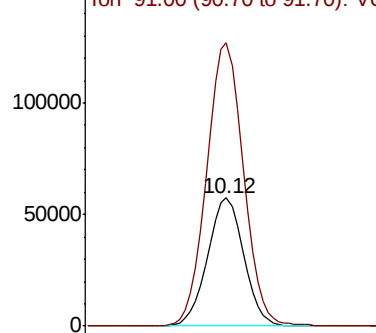
#65
o-Xylene
Concen: 10.884 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:106 Resp: 88476
Ion Ratio Lower Upper
106 100
91 224.5 104.3 312.9

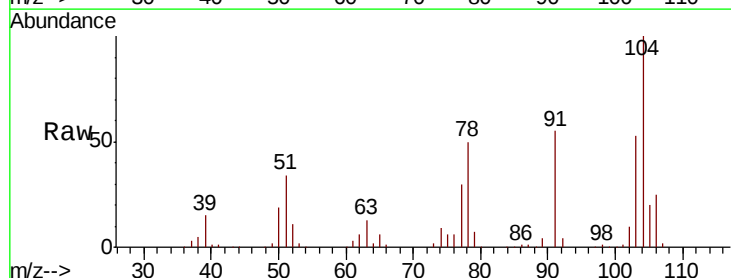


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

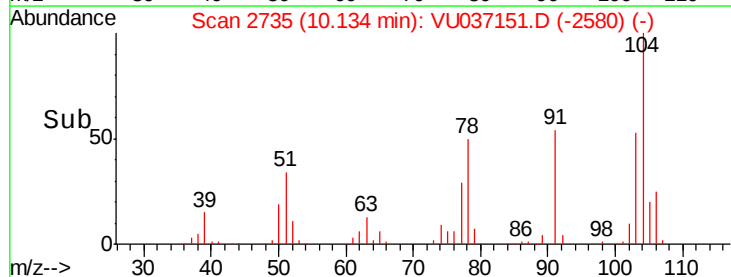
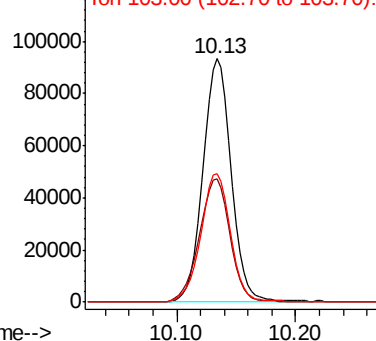


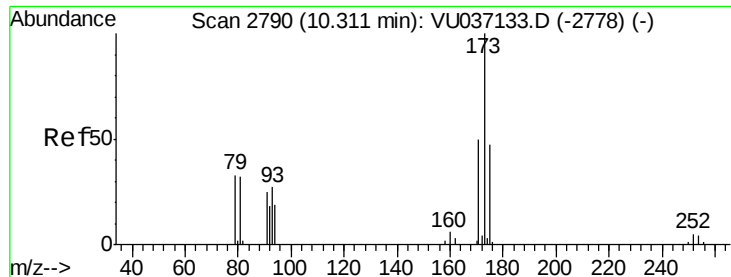
#66
Styrene
Concen: 11.587 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion:104 Resp: 154177
Ion Ratio Lower Upper
104 100
78 55.0 38.6 57.8
103 55.2 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 11.126 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

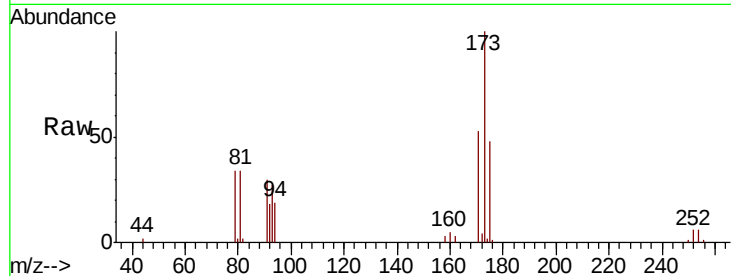
Tot Ion:173 Resp: 26394

Ion Ratio Lower Upper

173 100

175 47.7 38.3 57.5

254 4.8 6.6 9.8#

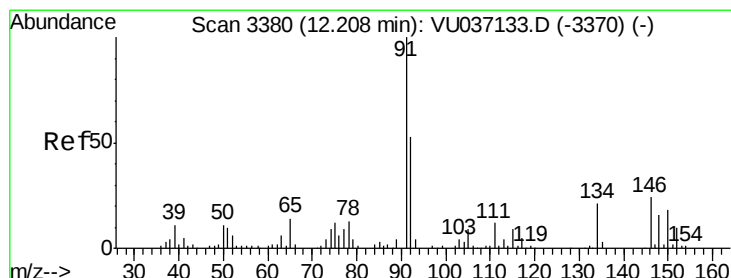
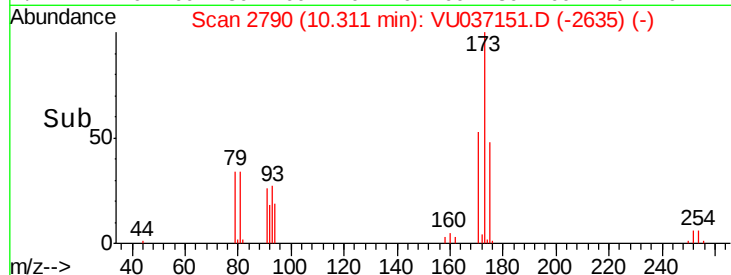
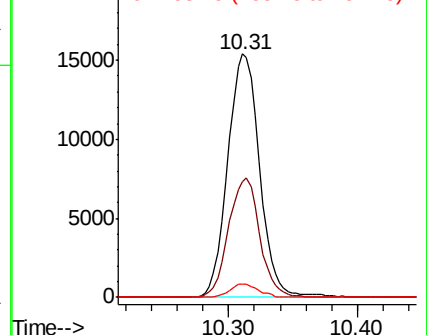


Abundance

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: 1.046 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

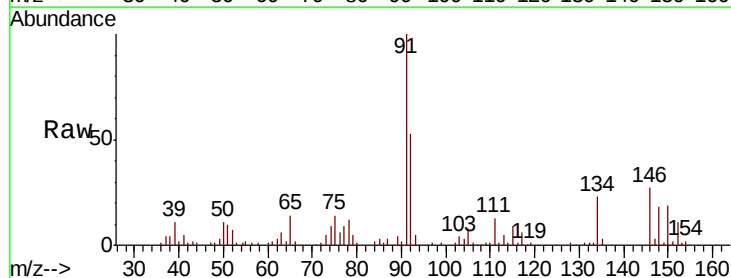
Tgt Ion:152 Resp: 6615

Ion Ratio Lower Upper

152 100

115 139.0 0.0 241.8

150 318.5 0.0 652.4

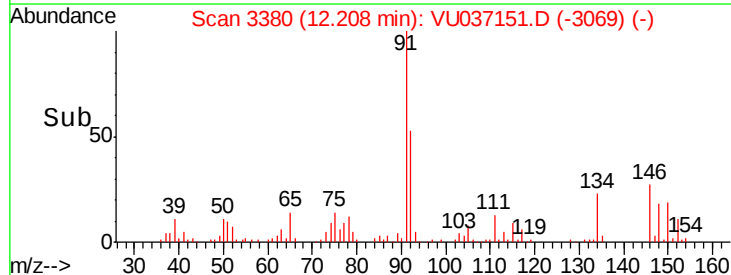
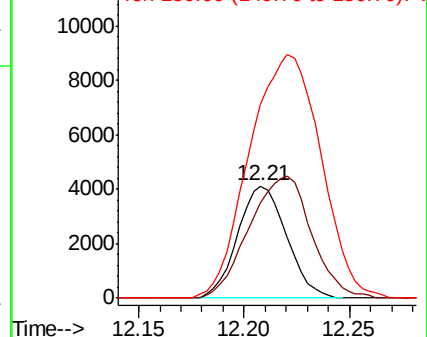


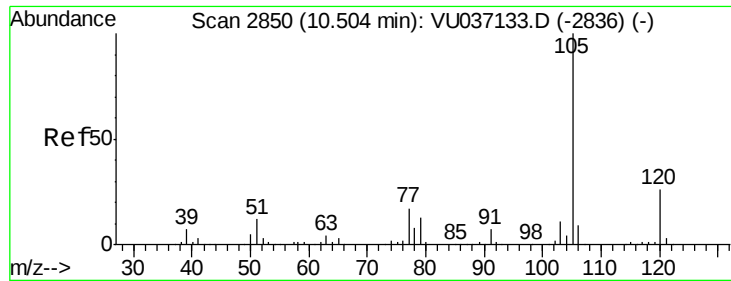
Abundance

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: 11.027 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

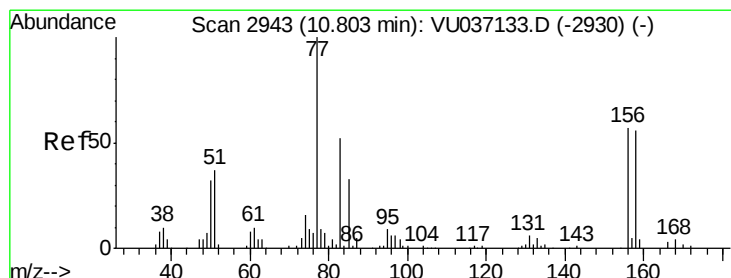
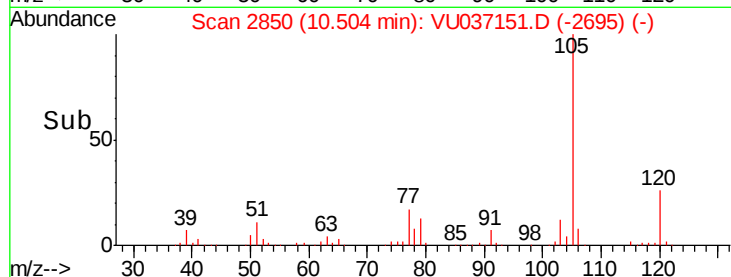
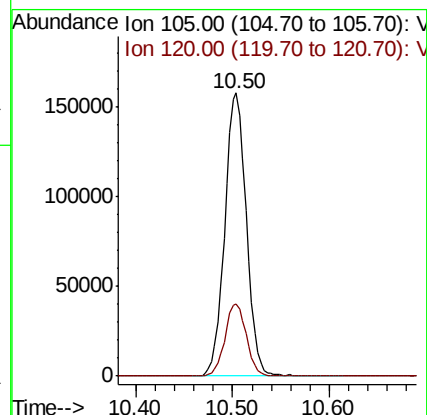
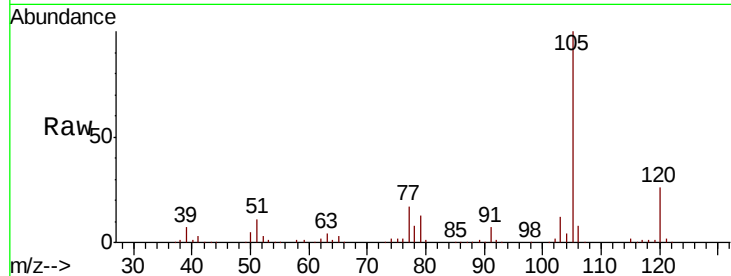
VSTDCCC010EC

Tot Ion:105 Resp: 244358

Ion Ratio Lower Upper

105 100

120 25.3 13.6 40.7



#70

1,1,2,2-Tetrachloroethane

Concen: 10.558 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

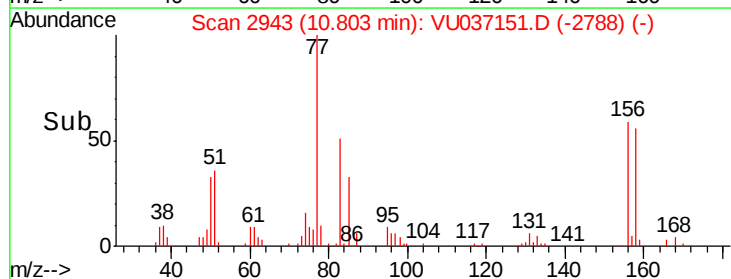
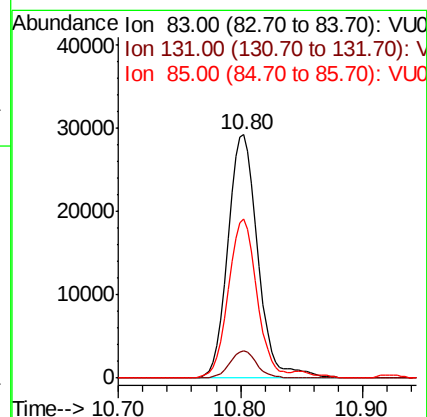
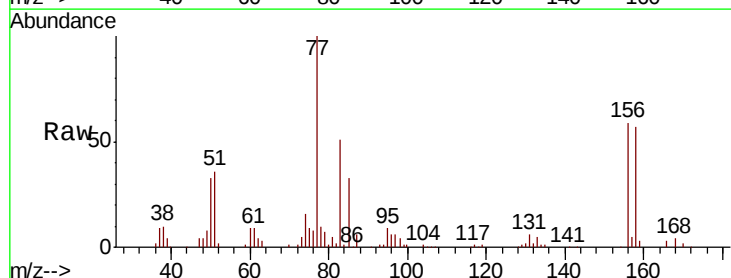
Tgt Ion: 83 Resp: 50423

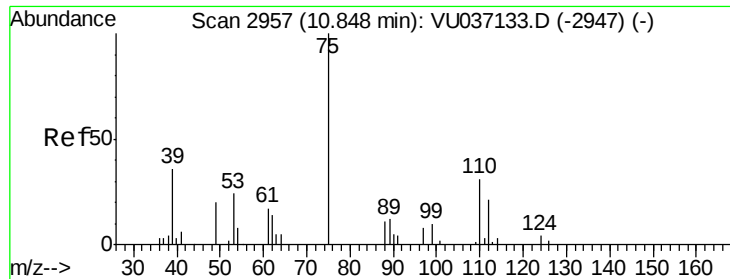
Ion Ratio Lower Upper

83 100

131 10.0 7.8 11.8

85 62.3 53.2 79.8

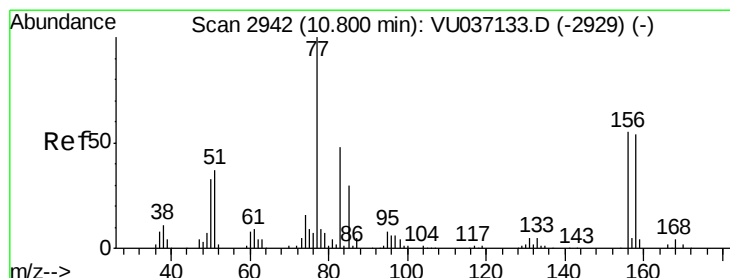
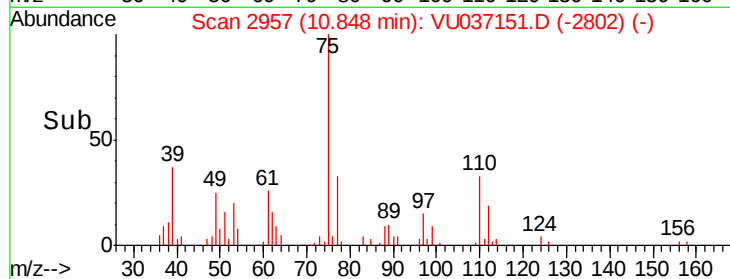
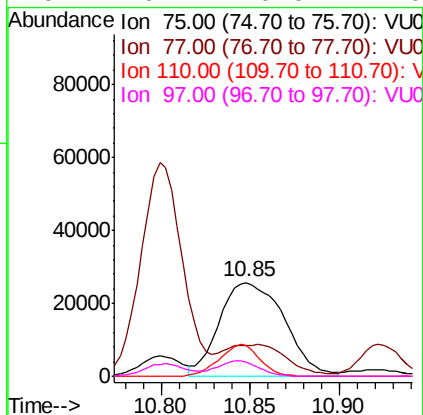
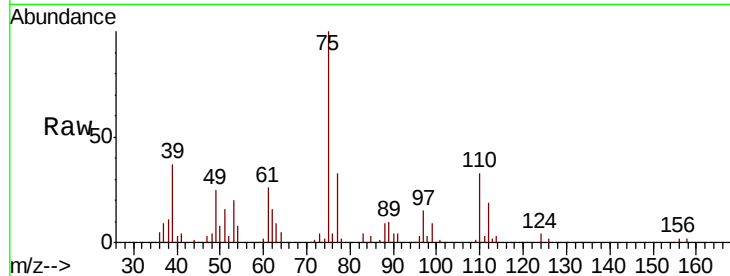




#71
 1,2,3-Trichloropropane
 Concen: 16.726 ug/l
 RT: 10.85 min Scan# 2957
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

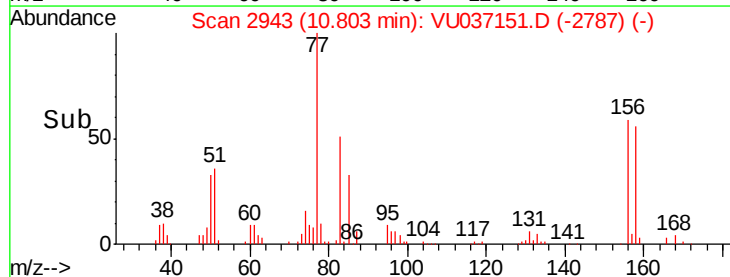
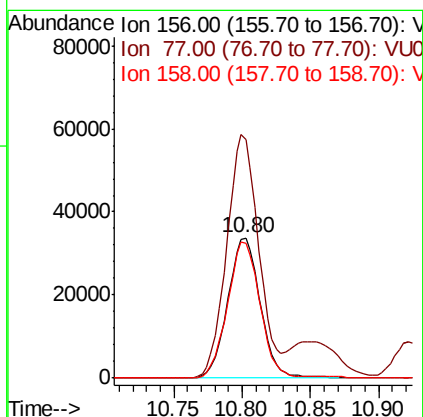
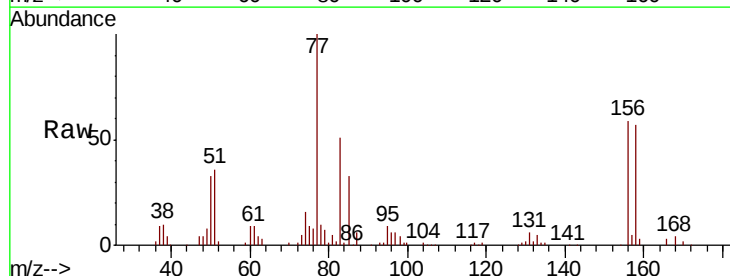
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

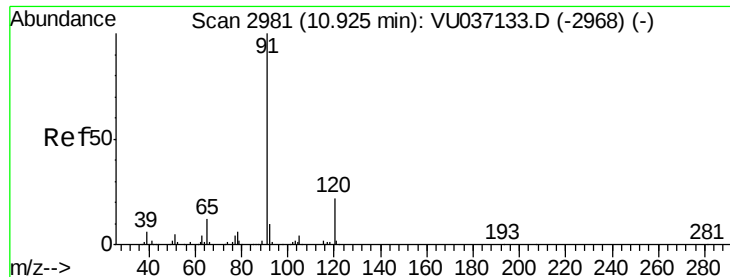
Tot Ion:	75	Resp:	65304
Ion	Ratio	Lower	Upper
75	100		
77	31.7	0.0	129.6
110	21.1	0.0	77.4
97	10.4	0.0	42.0



#72
 Bromobenzene
 Concen: 10.434 ug/l
 RT: 10.80 min Scan# 2943
 Delta R.T. 0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Tgt Ion:	156	Resp:	55948
Ion	Ratio	Lower	Upper
156	100		
77	170.9	0.0	306.6
158	97.1	0.0	192.0





#73

n-propylbenzene

Concen: 11.415 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

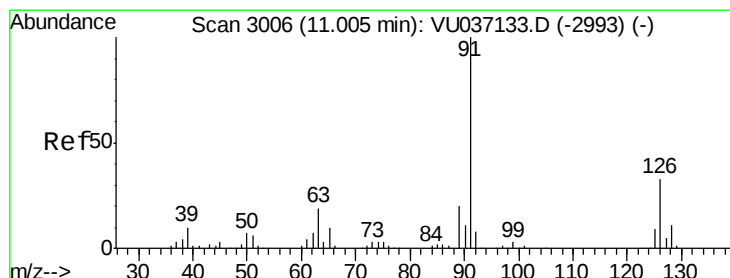
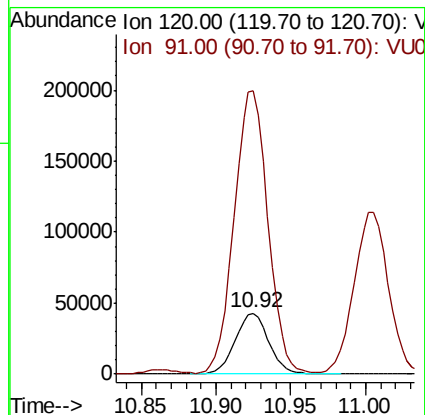
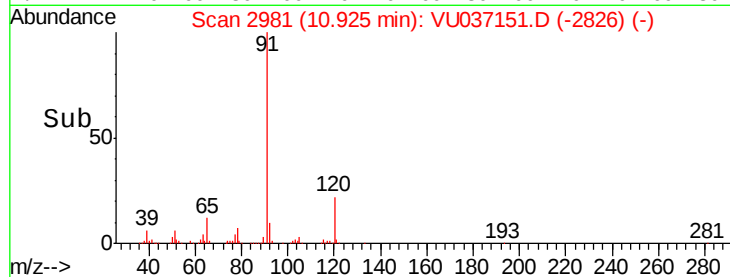
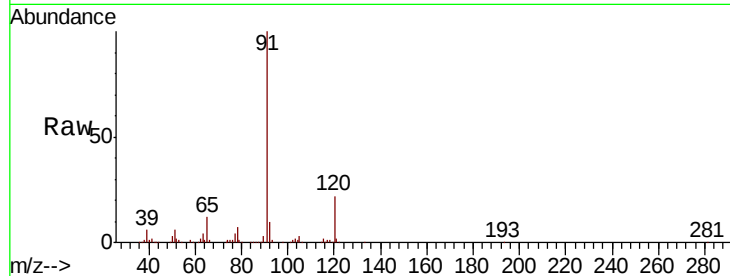
VSTDCCC010EC

Tot Ion:120 Resp: 67051

Ion Ratio Lower Upper

120 100

91 462.9 329.5 494.3



#74

2-Chlorotoluene

Concen: 10.917 ug/l

RT: 11.01 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU037151.D

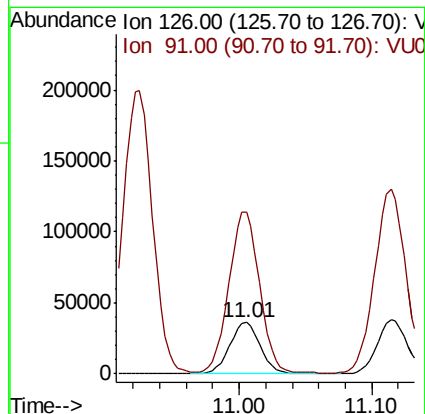
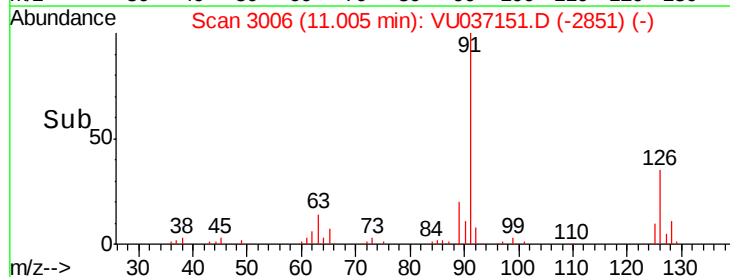
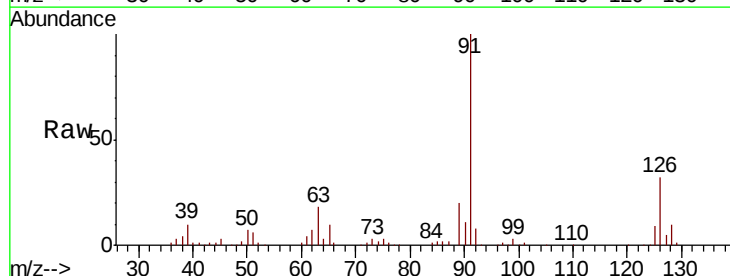
Acq: 10 Mar 2020 14:08

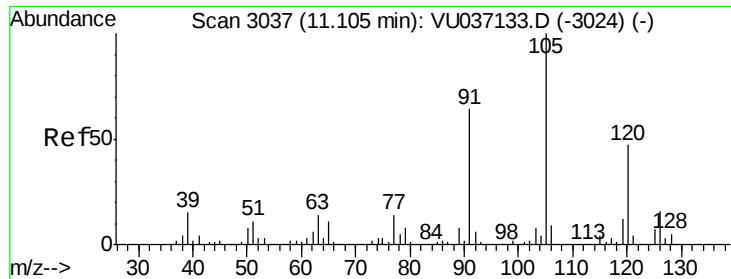
Tgt Ion:126 Resp: 58041

Ion Ratio Lower Upper

126 100

91 310.5 0.0 567.4





#75

1,3,5-Trimethylbenzene

Concen: 11.462 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

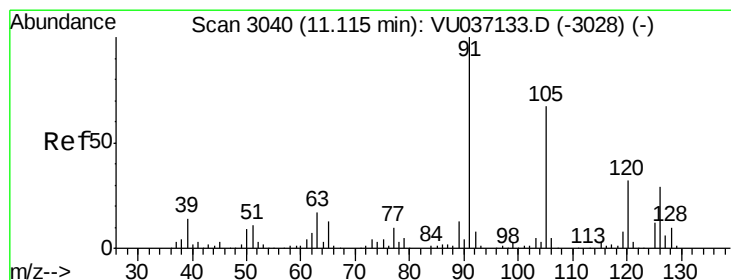
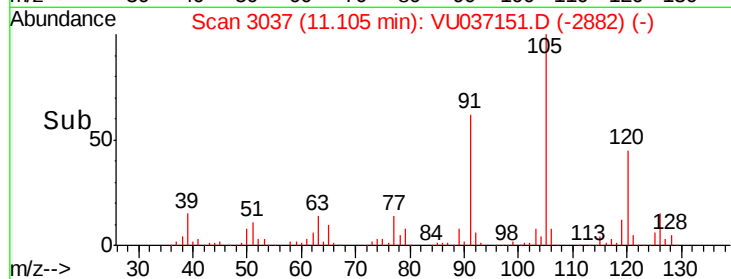
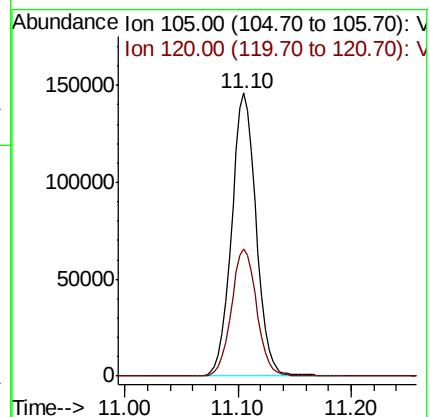
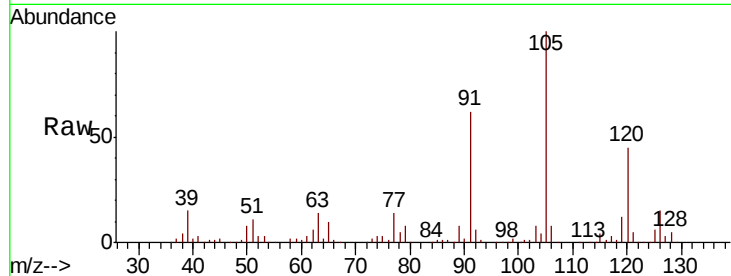
VSTDCCC010EC

Tot Ion:105 Resp: 219901

Ion Ratio Lower Upper

105 100

120 46.3 39.8 59.8



#76

4-Chlorotoluene

Concen: 11.399 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU037151.D

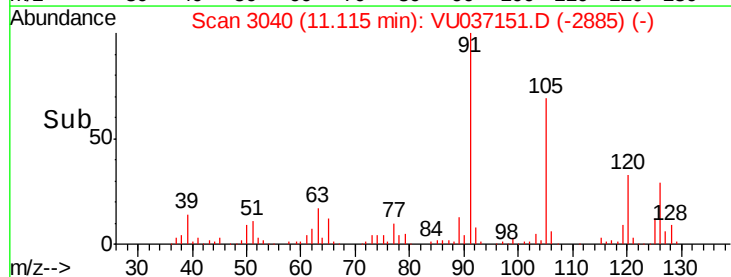
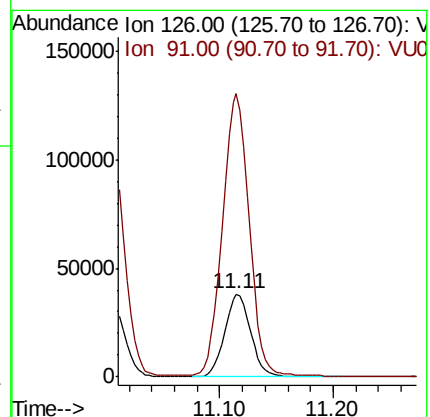
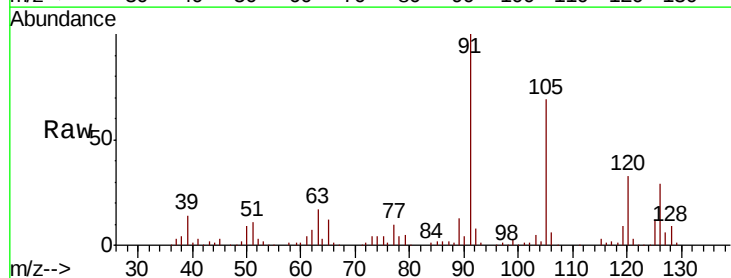
Acq: 10 Mar 2020 14:08

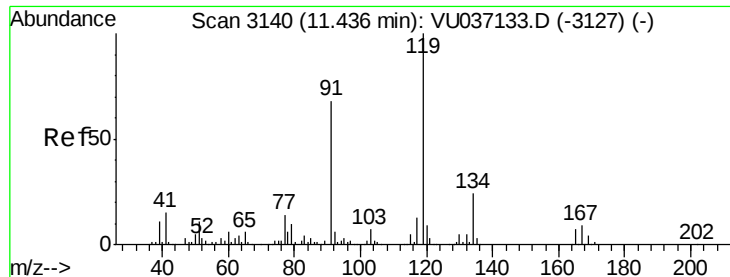
Tgt Ion:126 Resp: 61013

Ion Ratio Lower Upper

126 100

91 352.7 0.0 633.0





#77

tert-Butylbenzene

Concen: 10.768 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

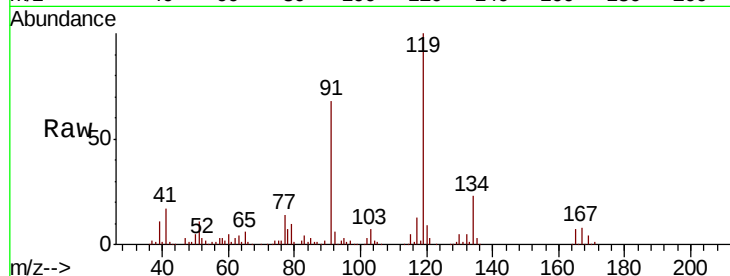
Tot Ion:119 Resp: 201393

Ion Ratio Lower Upper

119 100

91 64.8 29.3 87.8

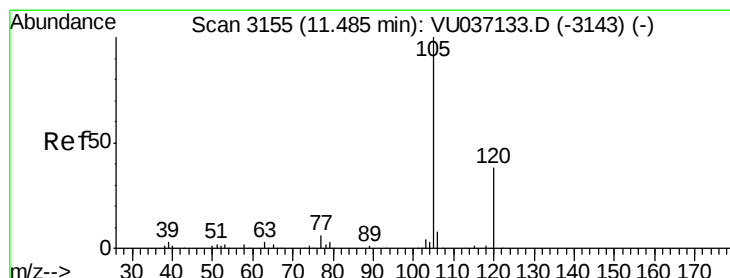
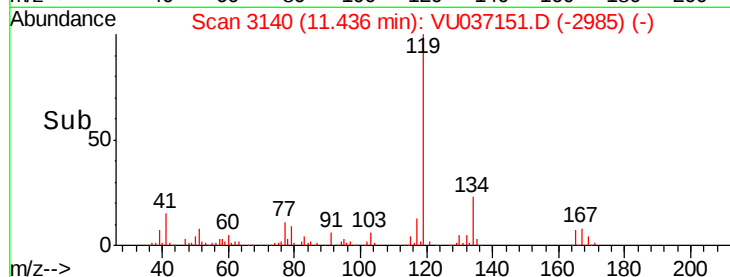
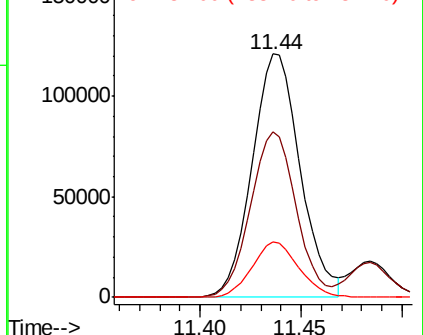
134 22.2 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 11.479 ug/l

RT: 11.48 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VU037151.D

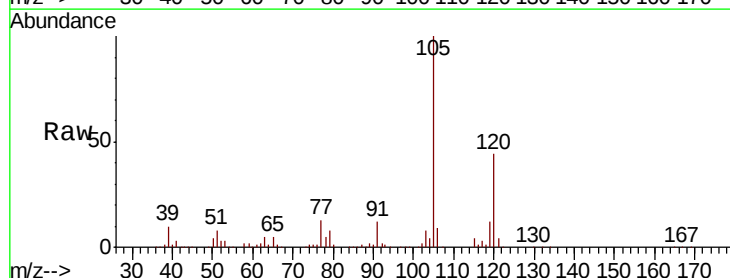
Acq: 10 Mar 2020 14:08

Tgt Ion:105 Resp: 222310

Ion Ratio Lower Upper

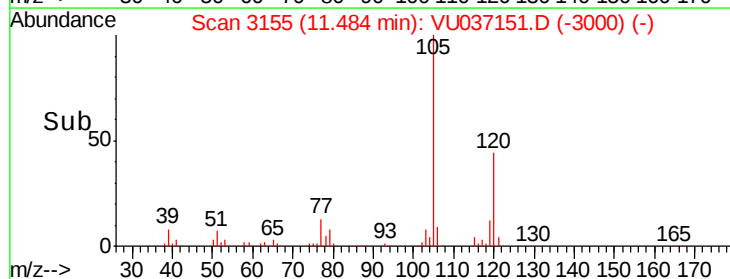
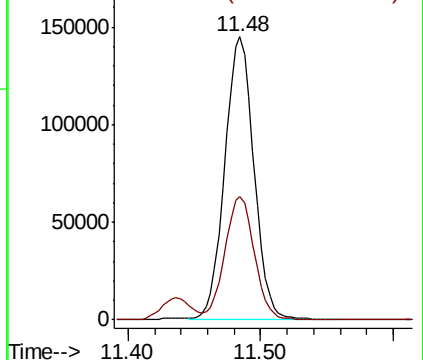
105 100

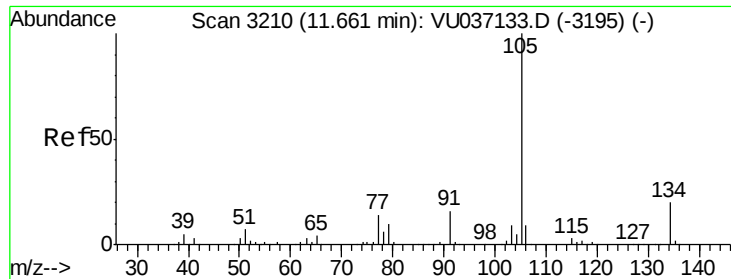
120 44.1 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 11.077 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. -0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

Instrument :

MSVOA_U

ClientSampleId :

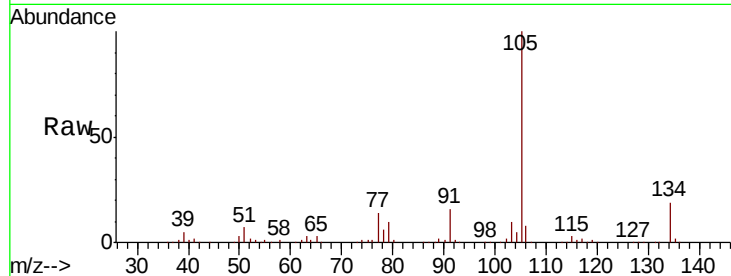
VSTDCCC010EC

Tot Ion: 105 Resp: 281885

Ion Ratio Lower Upper

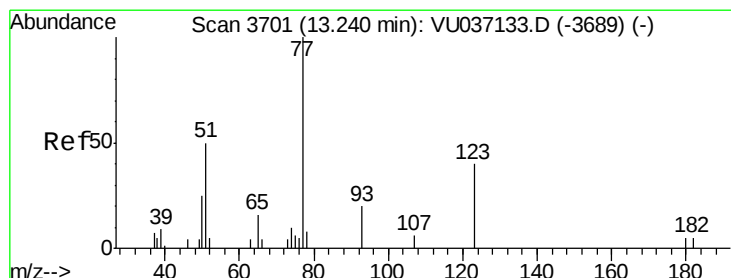
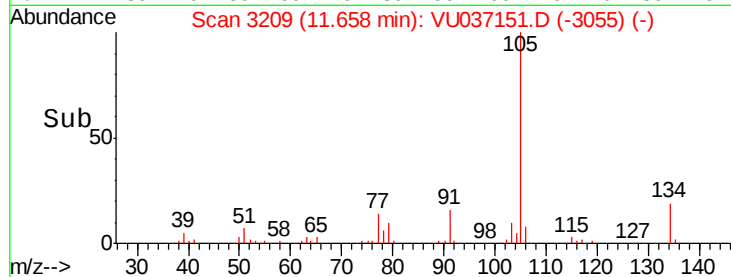
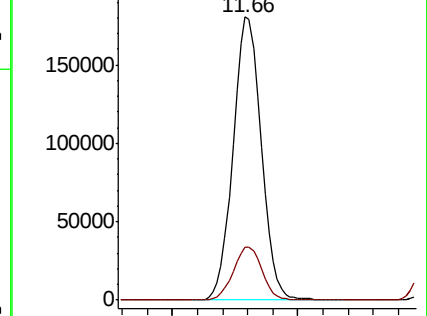
105 100

134 19.1 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 51.006 ug/l

RT: 13.24 min Scan# 3702

Delta R.T. 0.00 min

Lab File: VU037151.D

Acq: 10 Mar 2020 14:08

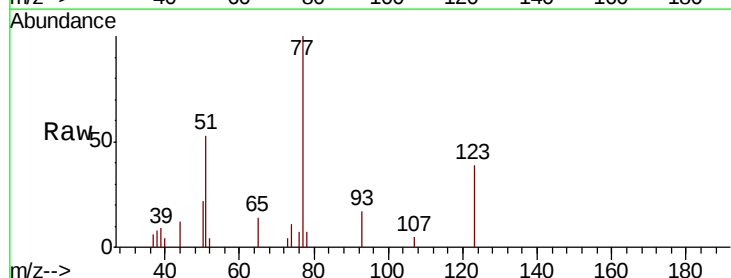
Tgt Ion: 77 Resp: 5332

Ion Ratio Lower Upper

77 100

123 41.5 19.6 69.6

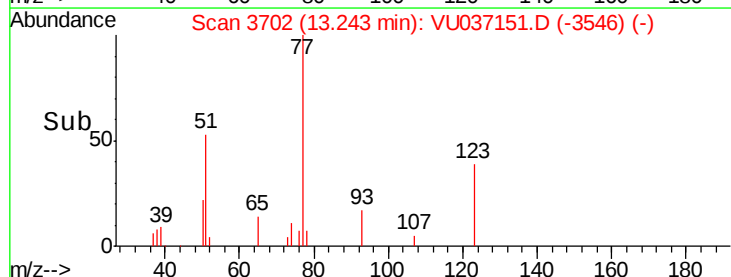
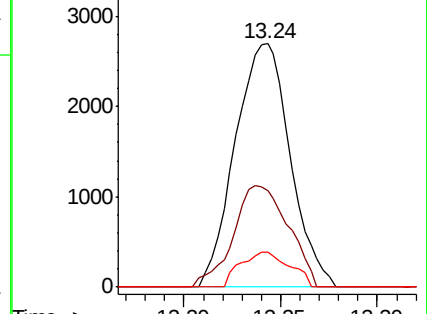
65 12.8 12.7 16.1

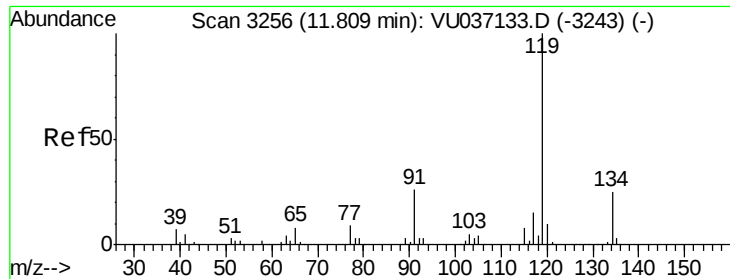


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

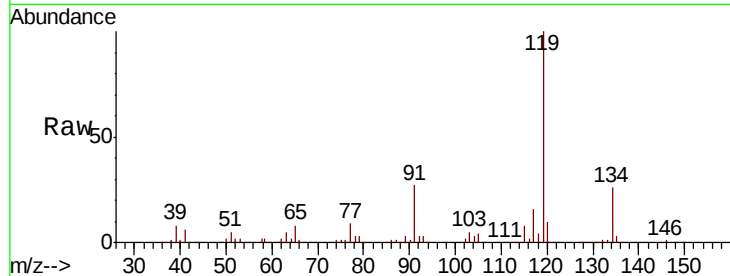




#81
 p-Isopropyltoluene
 Concen: 11.492 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	21.4	32.0
91	26.7	18.3	27.5

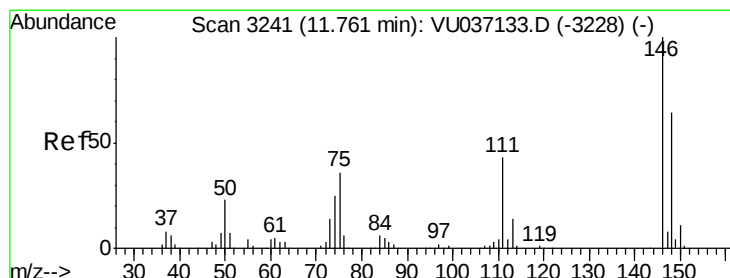
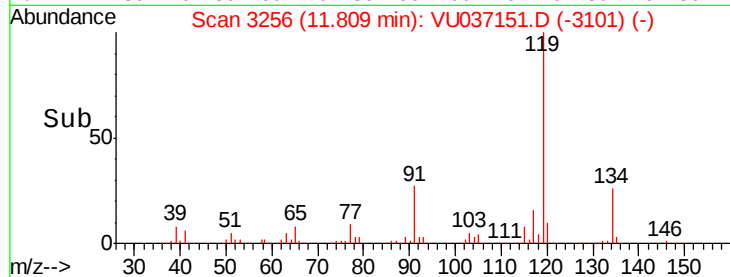
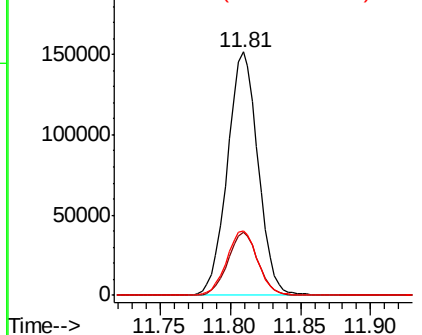


Abundance

Ion 119.00 (118.70 to 119.70): V

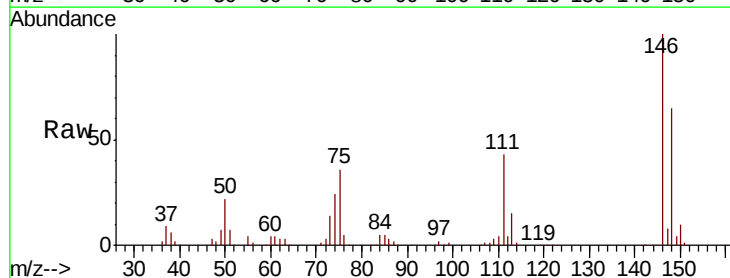
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 10.717 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	32.2	48.2
148	64.7	51.4	77.2

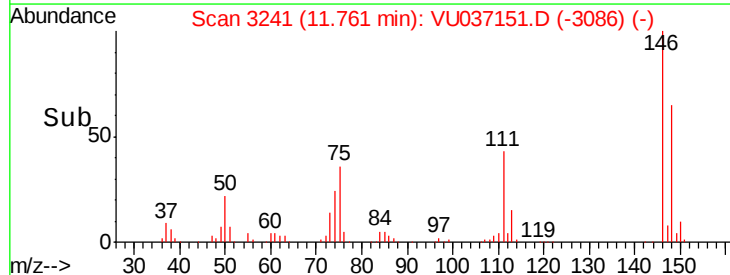
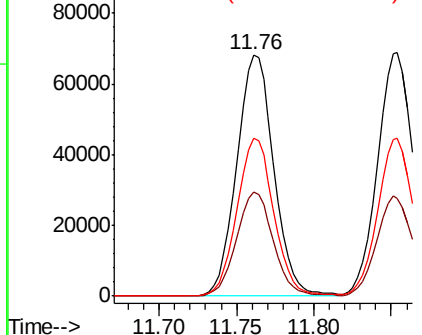


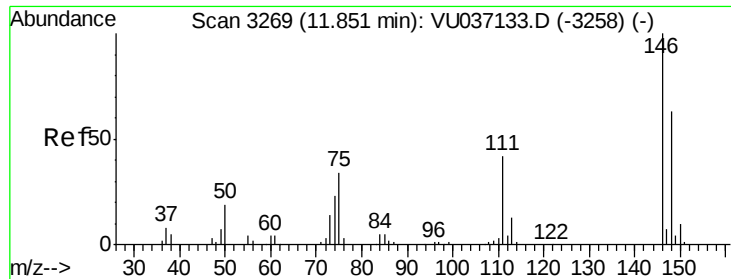
Abundance

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

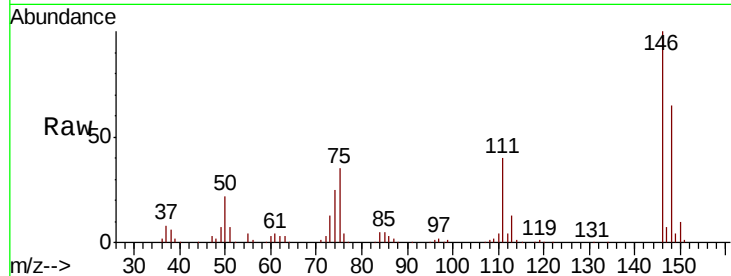




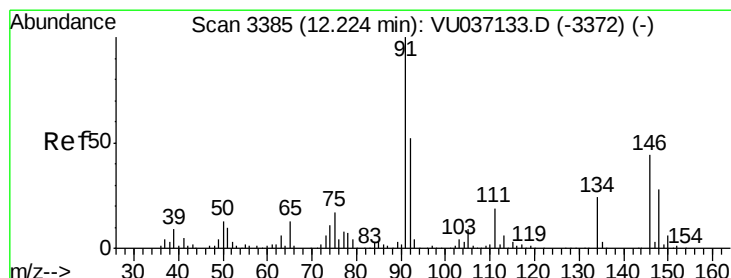
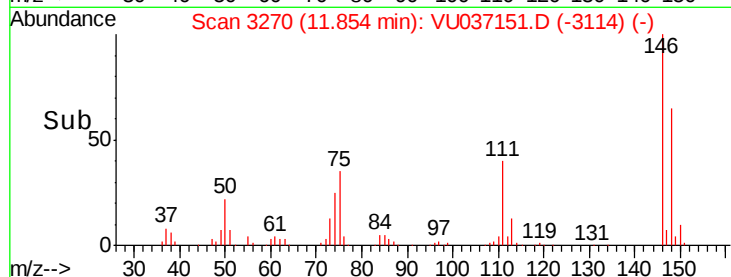
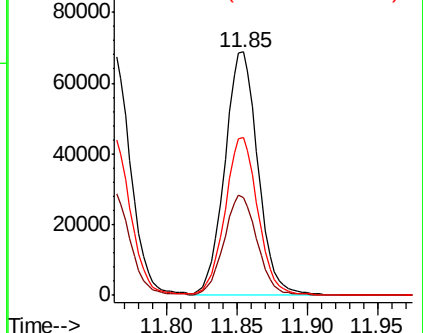
#83
 1,4-Dichlorobenzene
 Concen: 10.543 ug/l
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 113474
 Ion Ratio Lower Upper
 146 100
 111 41.1 30.5 45.7
 148 64.4 51.0 76.4

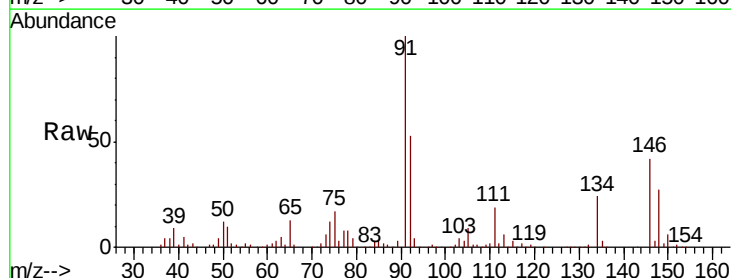


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

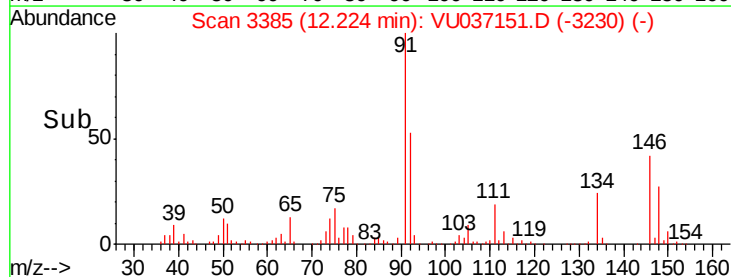
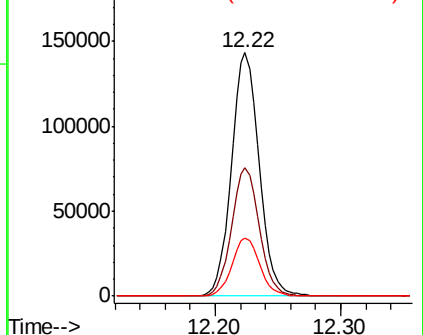


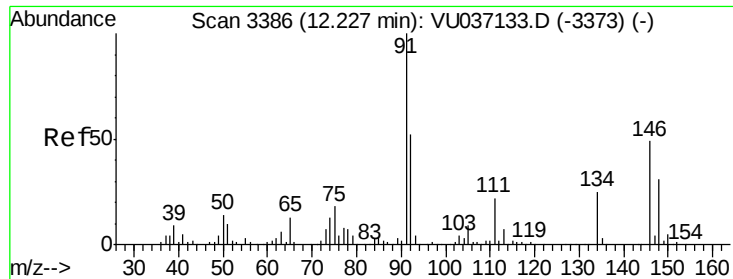
#84
 n-Butylbenzene
 Concen: 11.568 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Tgt Ion: 91 Resp: 219790
 Ion Ratio Lower Upper
 91 100
 92 52.6 42.9 64.3
 134 23.9 21.4 32.0



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

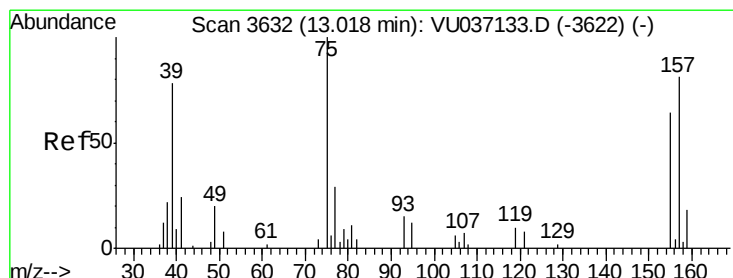
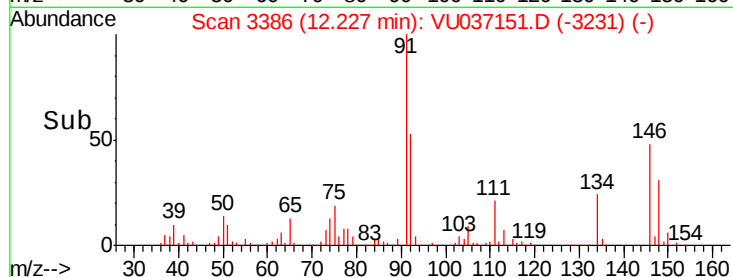
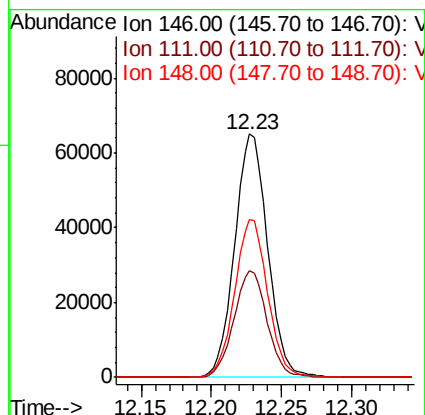
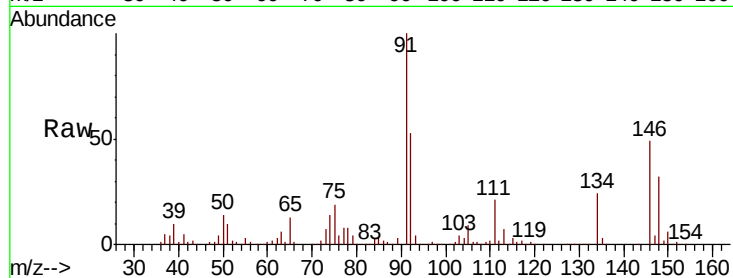




#85
 1,2-Dichlorobenzene
 Concen: 10.363 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

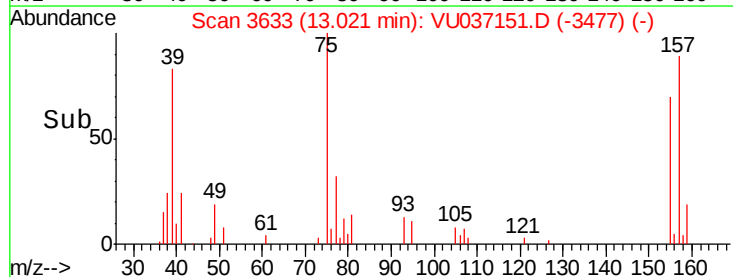
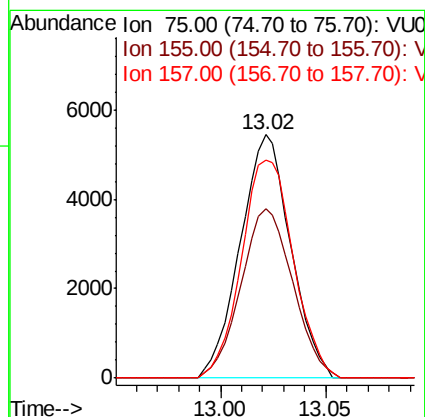
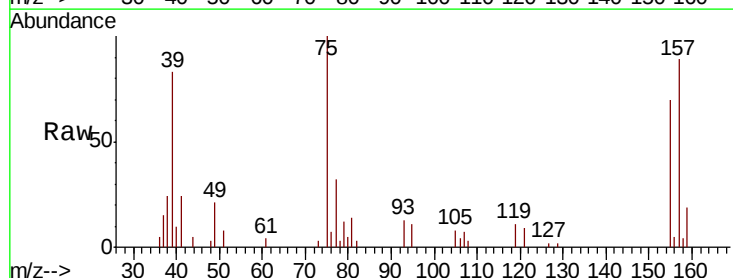
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

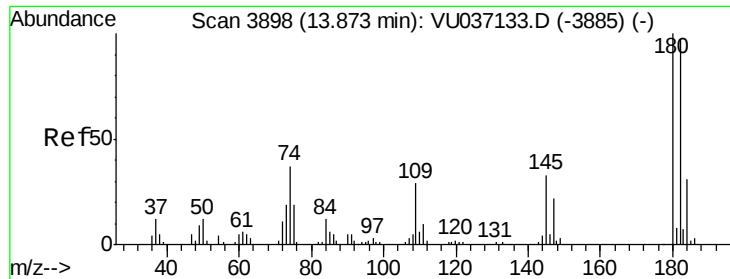
Tot Ion:146 Resp: 106527
 Ion Ratio Lower Upper
 146 100
 111 44.1 20.8 62.4
 148 64.8 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.731 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Tgt Ion: 75 Resp: 9045
 Ion Ratio Lower Upper
 75 100
 155 71.8 71.8 107.8#
 157 92.3 92.4 138.6#

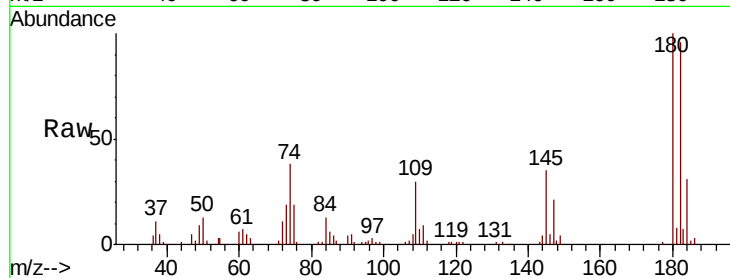




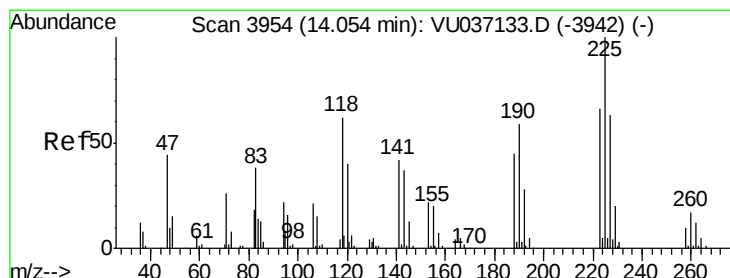
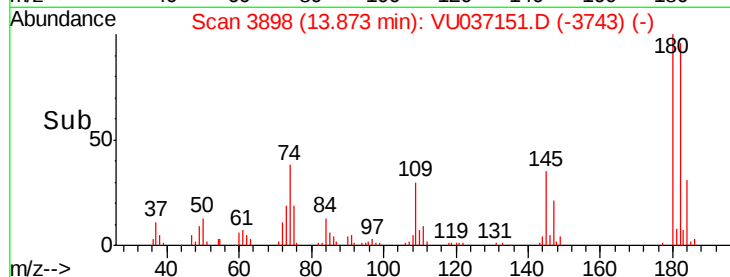
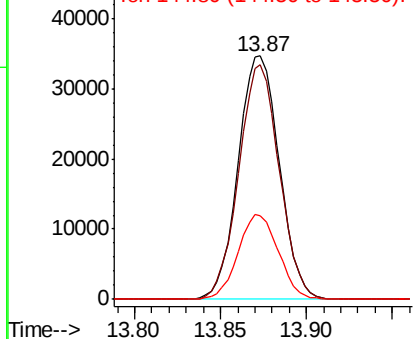
#87
 1,2,4-Trichlorobenzene
 Concen: 11.179 ug/l
 RT: 13.87 min Scan# 3898
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:180 Resp: 57763
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.9 113.9
 145 33.9 23.4 35.2

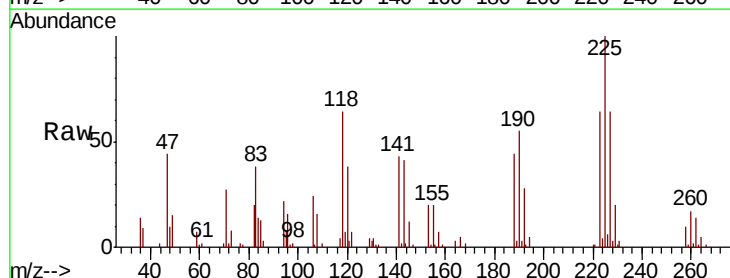


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

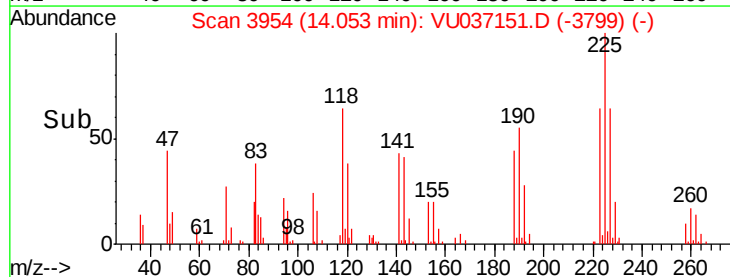
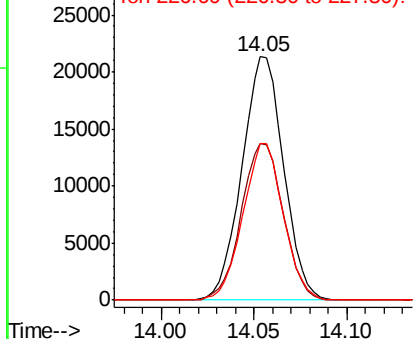


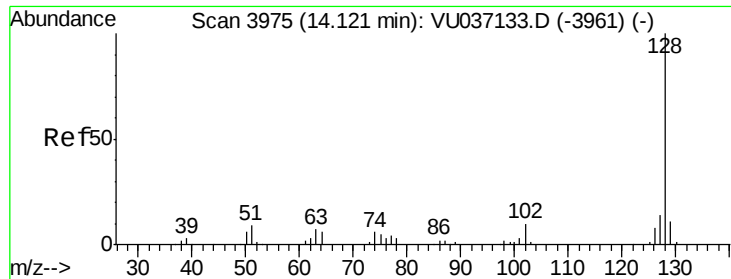
#88
 Hexachlorobutadiene
 Concen: 10.402 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. -0.00 min
 Lab File: VU037151.D
 Acq: 10 Mar 2020 14:08

Tgt Ion:225 Resp: 33263
 Ion Ratio Lower Upper
 225 100
 223 64.7 51.7 77.5
 227 62.3 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

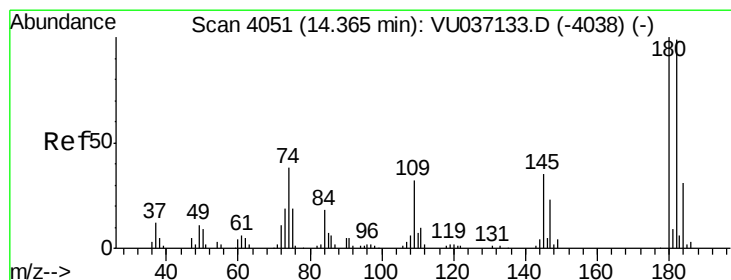
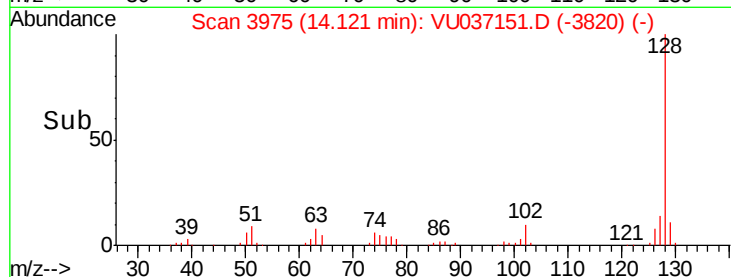
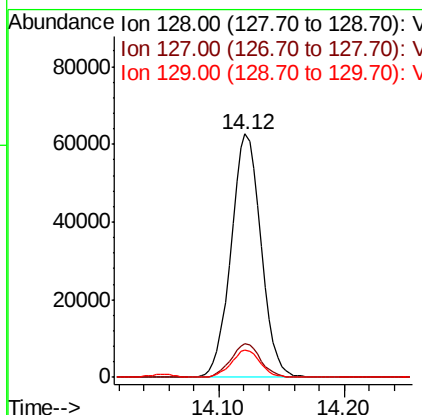
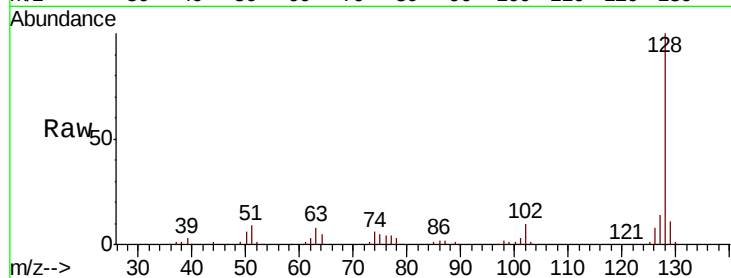




#89
Naphthalene
Concen: 9.923 ug/l
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:128 Resp: 103749
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.9 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 11.138 ug/l
RT: 14.37 min Scan# 4051
Delta R.T. -0.00 min
Lab File: VU037151.D
Acq: 10 Mar 2020 14:08

Tgt Ion:180 Resp: 56012
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 35.6 25.2 37.8

