

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030011.D
 Acq On : 12 Mar 2019 17:13
 Operator : JC/SP
 Sample : VU0314WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Quant Time: Mar 13 05:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 13 04:21:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	61572	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	21815	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25159	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	41422	1.834 ug/l	99
3) Chloromethane	1.33	50	46650	1.821 ug/l	97
4) Vinyl Chloride	1.40	62	41446	1.887 ug/l	99
5) Bromomethane	1.63	94	25937	2.067 ug/l	97
6) Chloroethane	1.70	64	24229	1.911 ug/l	99
7) Trichlorofluoromethane	1.88	101	53937	1.894 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29412	1.898 ug/l	99
9) 1,1-Dichloroethene	2.28	96	29222	1.902 ug/l	97
10) Iodomethane	2.41	142	24747	1.859 ug/l	98
11) Allyl Chloride	2.59	41	39767	1.831 ug/l	97
12) Acrylonitrile	2.93	53	12121	3.643 ug/l	96
13) Acetone	2.32	43	24087	8.315 ug/l	94
14) Carbon Disulfide	2.48	76	95457	1.783 ug/l	97
15) Methylene Chloride	2.70	84	34015	1.859 ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	32718	1.844 ug/l	99
17) 1,1-Dichloroethane	3.44	63	56799	1.894 ug/l	98
18) 2-Butanone	4.28	43	36204	9.027 ug/l	96
19) Cyclohexane	4.98	56	40653	1.582 ug/l	84
20) Methylcyclohexane	6.41	83	51151	1.804 ug/l	99
21) 2,2-Dichloropropane	4.22	77	44954	1.782 ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	36677	1.860 ug/l	97
23) Diethyl Ether	2.10	59	21638	1.885 ug/l	96
24) tert-Butyl Alcohol	2.83	59	22437	18.265 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	74072	1.909 ug/l	99
26) Bromochloromethane	4.55	128	16351	1.895 ug/l	99
27) Chloroform	4.67	83	58212	1.845 ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	49446	1.904 ug/l	99
29) 1,1-Dichloropropene	5.13	75	42838	1.812 ug/l	98
30) Carbon Tetrachloride	5.13	117	41529	1.789 ug/l	97
31) Isopropyl Ether	3.57	45	78559	1.861 ug/l	98
32) Ethyl-t-butyl ether	4.07	59	76107	1.872 ug/l	97
33) Tert-Amyl methyl ether	5.58	73	67519	1.814 ug/l	99
34) Propionitrile	4.34	54	10546	9.434 ug/l #	94
35) Benzene	5.39	78	129220	1.869 ug/l	98
36) 1,2-Dichloroethane	5.40	62	35140	1.900 ug/l	99
37) Trichloroethene	6.18	130	36816	1.848 ug/l	96
38) 1,2-Dichloropropane	6.43	63	32974	1.876 ug/l	98
39) Methacrylonitrile	4.55	41	8908	1.827 ug/l #	94
40) Methyl acrylate	4.43	55	14284	1.854 ug/l #	93
41) Tetrahydrofuran	4.65	42	9390	3.482 ug/l	96
42) 1-Chlorobutane	5.06	56	58500	1.890 ug/l	96

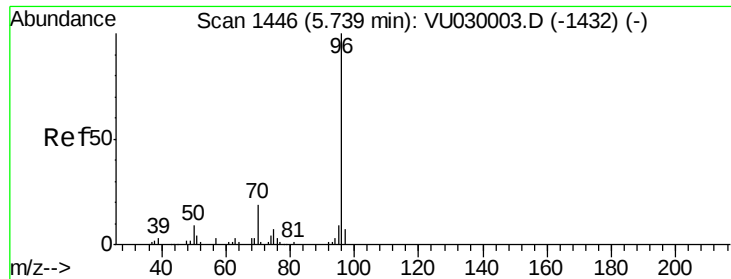
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030011.D
 Acq On : 12 Mar 2019 17:13
 Operator : JC/SP
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 ClientSampleId :
 VU0314WBS01

Quant Time: Mar 13 05:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 13 04:21:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	17105	1.881	ug/l	97
44) Bromodichloromethane	6.75	83	40772	1.879	ug/l	93
45) 4-Methyl-2-Pentanone	7.46	43	83932	9.340	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	18266	5.158	ug/l #	82
47) Methyl methacrylate	6.63	69	27882	3.659	ug/l	98
48) Ethyl methacrylate	8.02	69	26830	1.867	ug/l	99
49) Toluene	7.63	92	76725	1.841	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	35712	1.838	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	44250	1.812	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	25313	1.969	ug/l	99
53) 1,3-Dichloropropane	8.24	76	40635	1.890	ug/l	99
54) 2-Hexanone	8.36	43	58140	8.980	ug/l	98
55) Dibromochloromethane	8.48	129	28969	1.873	ug/l	98
56) 1,2-Dibromoethane	8.58	107	22598	1.826	ug/l	98
58) Tetrachloroethene	8.22	164	34062	1.883	ug/l	98
59) Chlorobenzene	9.12	112	86911	1.825	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	30989	1.843	ug/l	97
61) Pentachloroethane	11.10	117	23729	1.828	ug/l	95
62) Hexachloroethane	12.14	117	23613	1.806	ug/l	96
63) Ethyl Benzene	9.25	91	143456	1.835	ug/l	99
64) m/p-Xylenes	9.37	106	113673	3.695	ug/l	100
65) o-Xylene	9.77	106	54361	1.801	ug/l	98
66) Styrene	9.79	104	90750	1.835	ug/l	100
67) Bromoform	9.96	173	16590	1.876	ug/l	98
69) Isopropylbenzene	10.16	105	145649	1.851	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	31296	1.975	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	18266	1.533	ug/l #	88
72) Bromobenzene	10.45	156	38453	1.864	ug/l	99
73) n-propylbenzene	10.58	120	40954	1.835	ug/l	99
74) 2-Chlorotoluene	10.66	126	37848	1.936	ug/l	93
75) 1,3,5-Trimethylbenzene	10.77	105	122920	1.834	ug/l	99
76) 4-Chlorotoluene	10.77	126	37077	1.858	ug/l	98
77) tert-Butylbenzene	11.10	119	120035	1.829	ug/l	98
78) 1,2,4-Trimethylbenzene	11.14	105	126752	1.859	ug/l	100
79) sec-Butylbenzene	11.32	105	164260	1.869	ug/l	99
80) Nitrobenzene	12.87	77	2202	7.779	ug/l #	80
81) p-Isopropyltoluene	11.47	119	137926	1.871	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	79135	1.899	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	76032	1.815	ug/l	99
84) n-Butylbenzene	11.89	91	124879	1.813	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	72751	1.876	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	4263	1.867	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	49955	1.785	ug/l	99
88) Hexachlorobutadiene	13.69	225	30497	2.010	ug/l	97
89) Naphthalene	13.74	128	75207	1.715	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	48178	1.900	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 96 Resp: 61572

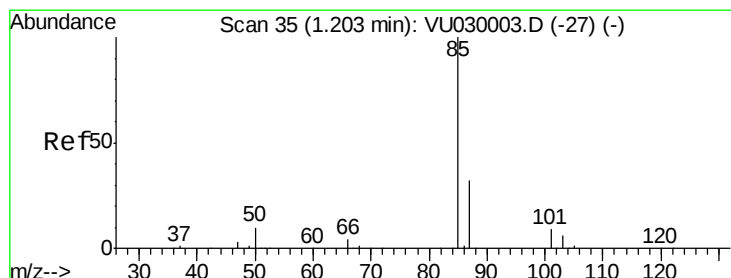
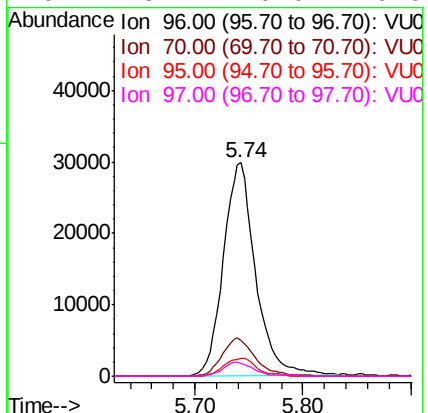
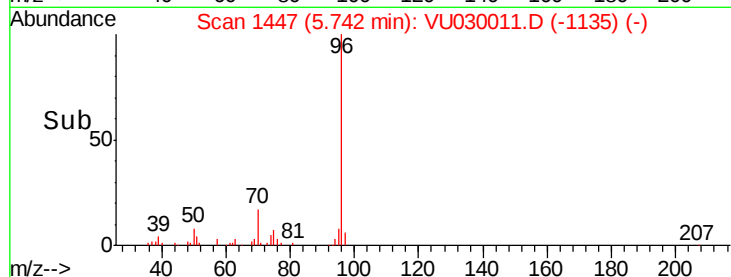
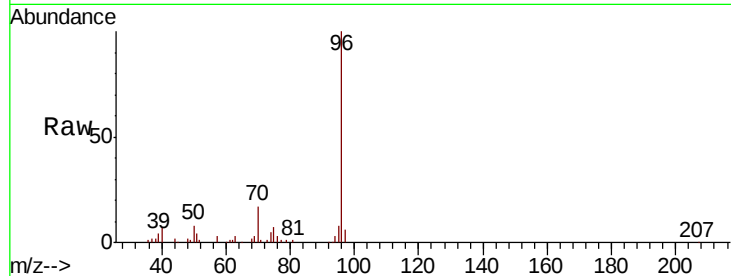
Ion Ratio Lower Upper

96 100

70 17.6 15.5 23.3

95 8.6 6.6 9.8

97 5.7 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.834 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU030011.D

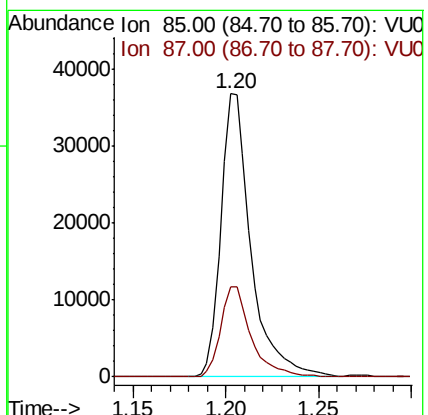
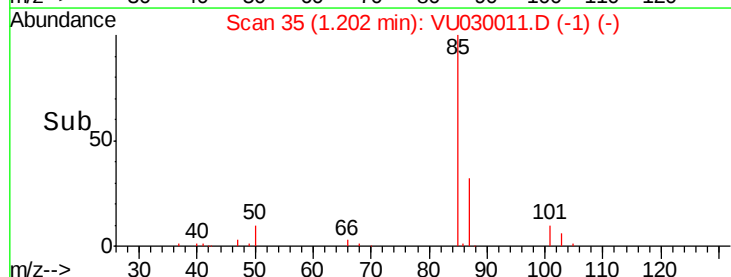
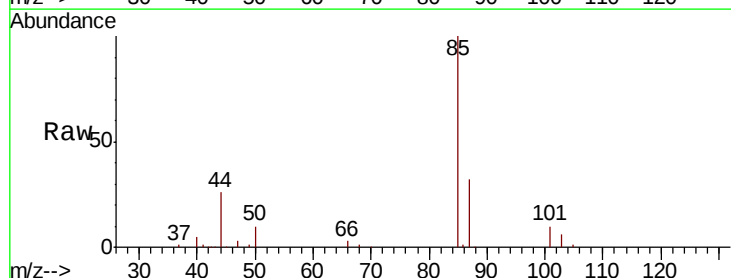
Acq: 12 Mar 2019 17:13

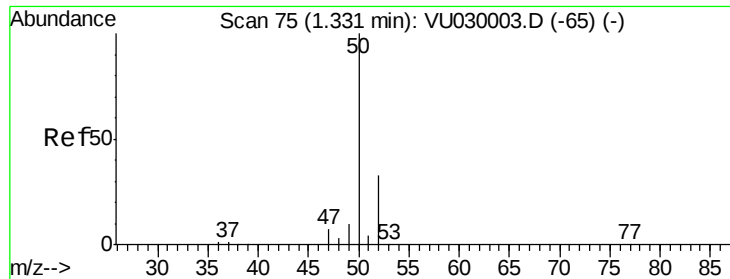
Tgt Ion: 85 Resp: 41422

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6





#3

Chloromethane

Concen: 1.821 ug/l

RT: 1.33 min Scan# 75

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

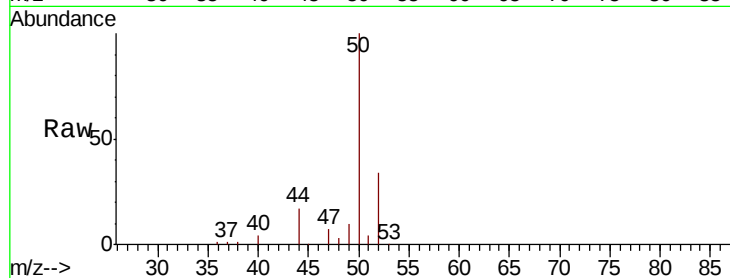
VU0314WBS01

Tgt Ion: 50 Resp: 46650

Ion Ratio Lower Upper

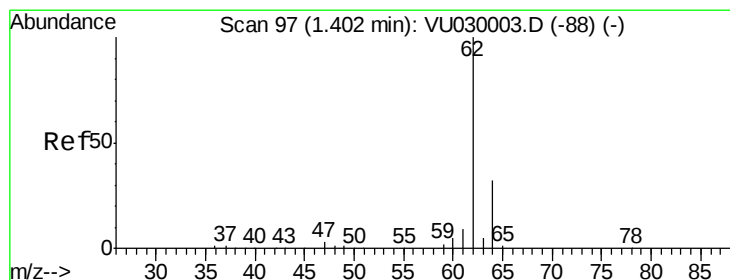
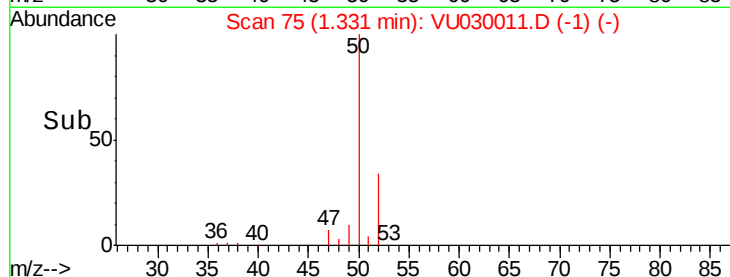
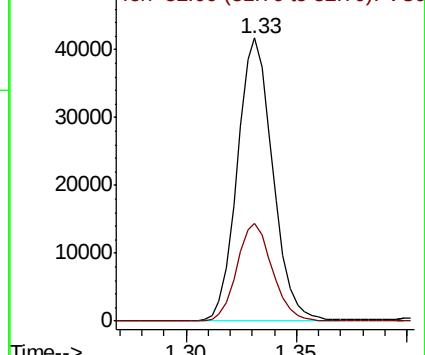
50 100

52 34.4 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU030003.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU030003.D (-65) (-)



#4

Vinyl Chloride

Concen: 1.887 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU030011.D

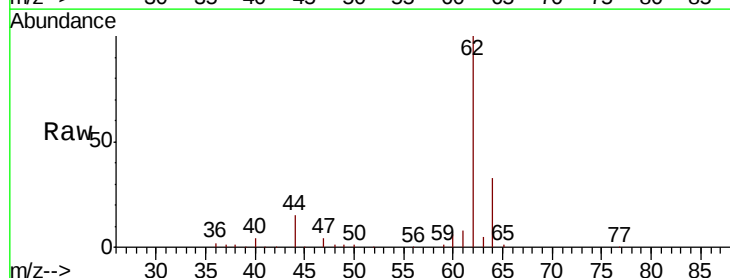
Acq: 12 Mar 2019 17:13

Tgt Ion: 62 Resp: 41446

Ion Ratio Lower Upper

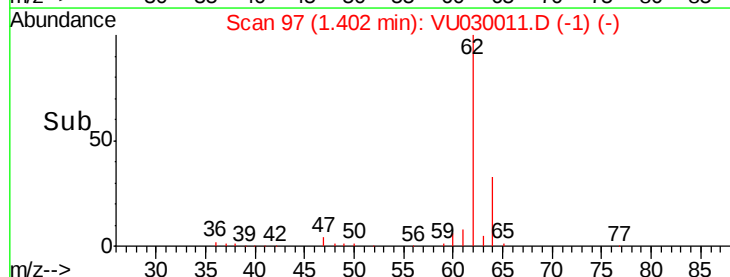
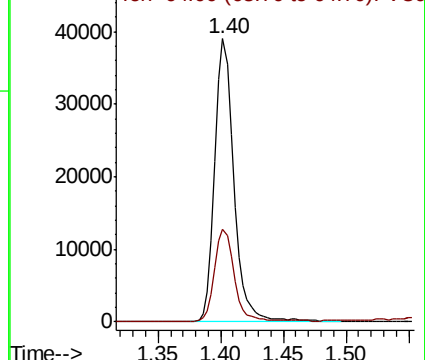
62 100

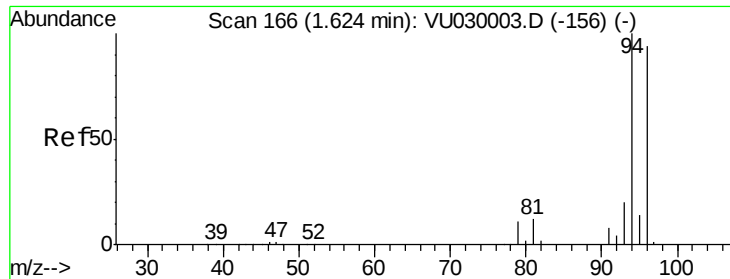
64 33.0 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU030003.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU030003.D (-88) (-)

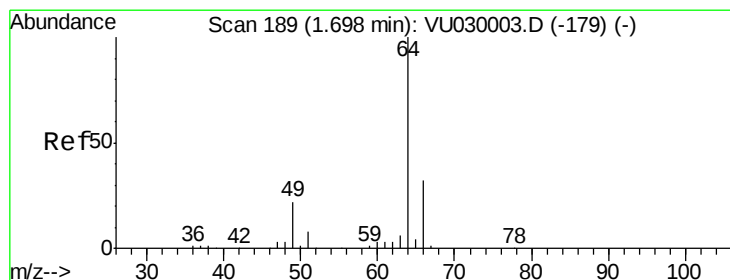
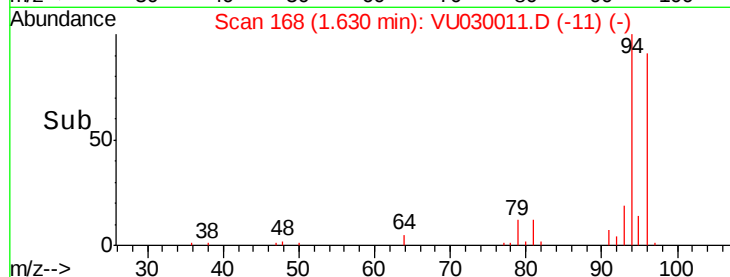
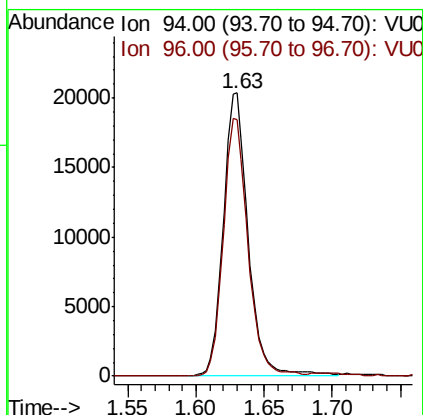
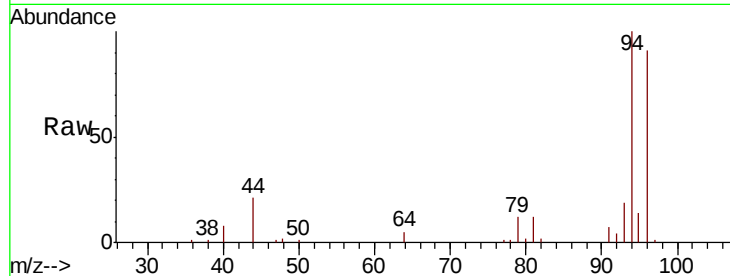




#5
Bromomethane
Concen: 2.067 ug/l
RT: 1.63 min Scan# 168
Delta R.T. 0.01 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

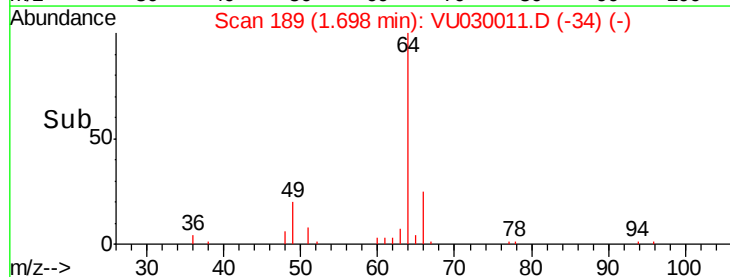
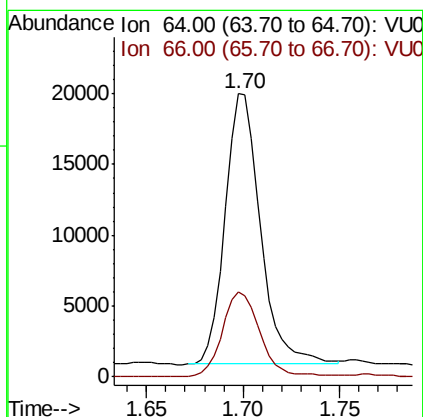
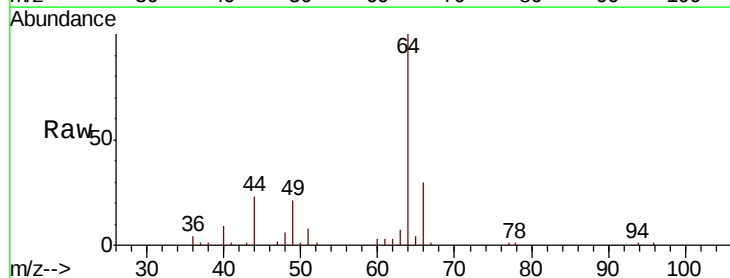
Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

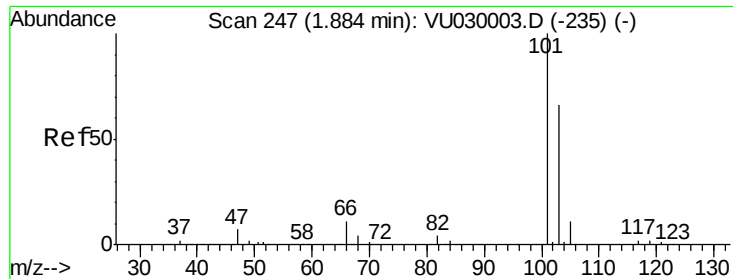
Tgt Ion: 94 Resp: 25937
Ion Ratio Lower Upper
94 100
96 90.7 75.2 112.8



#6
Chloroethane
Concen: 1.911 ug/l
RT: 1.70 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 64 Resp: 24229
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.6





#7

Trichlorofluoromethane

Concen: 1.894 ug/l

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

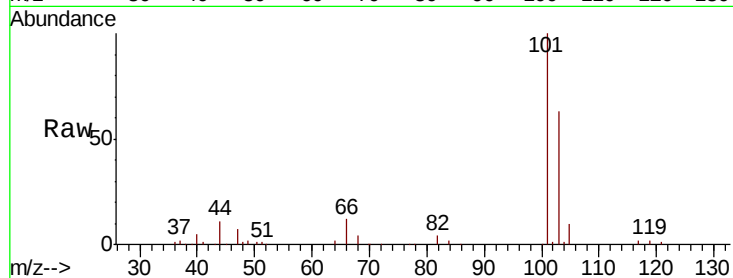
VU0314WBS01

Tgt Ion:101 Resp: 53937

Ion Ratio Lower Upper

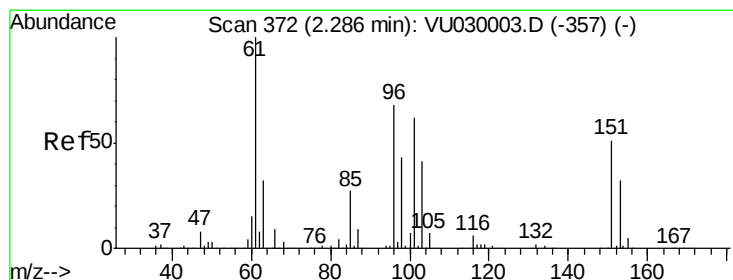
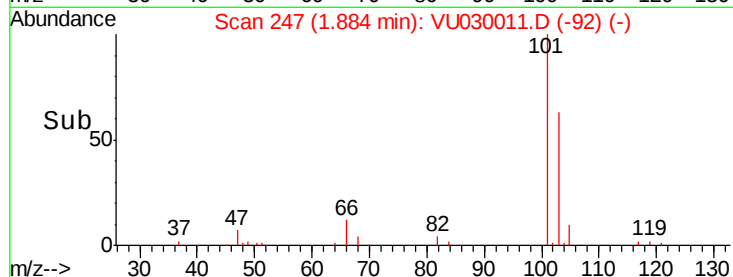
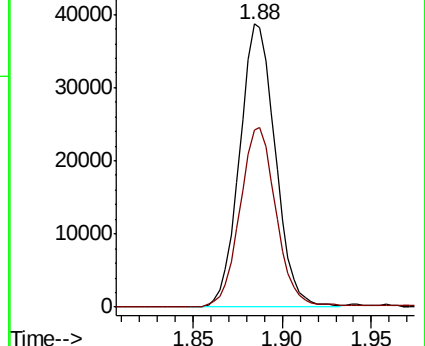
101 100

103 62.5 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.898 ug/l

RT: 2.29 min Scan# 372

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

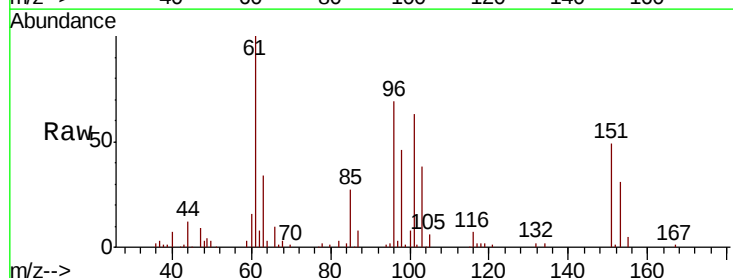
Tgt Ion:101 Resp: 29412

Ion Ratio Lower Upper

101 100

85 42.3 33.6 50.4

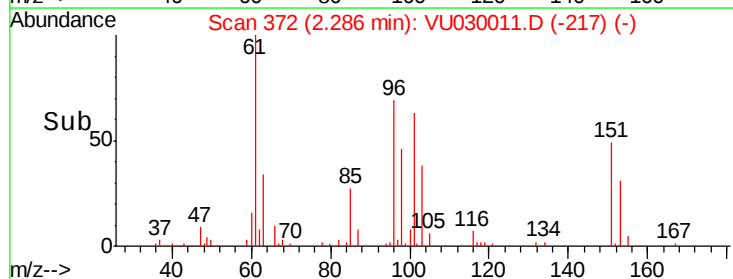
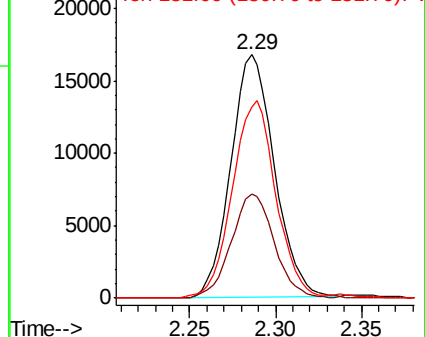
151 79.6 65.0 97.4

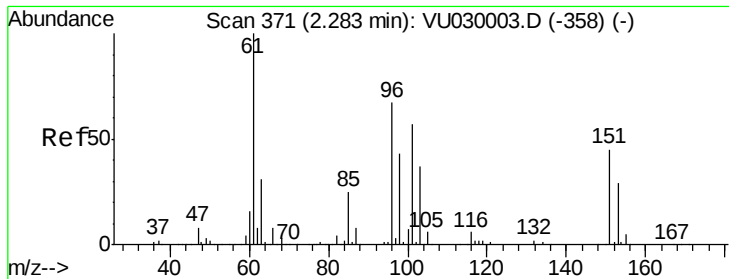


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

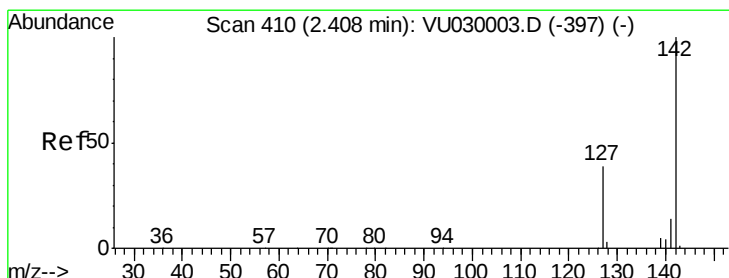
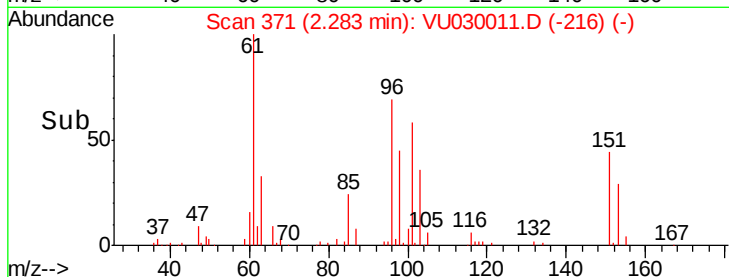
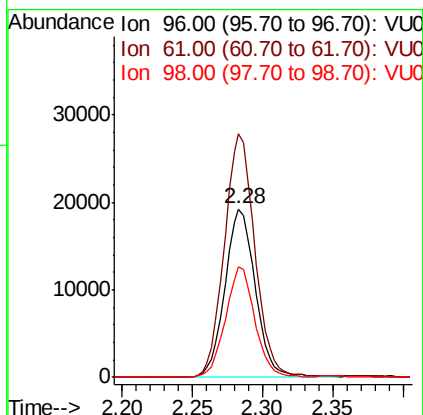
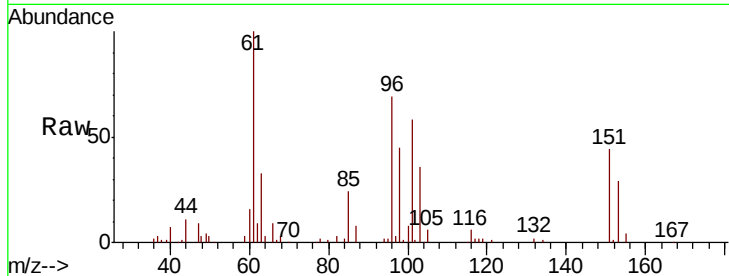




#9
 1,1-Dichloroethene
 Concen: 1.902 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

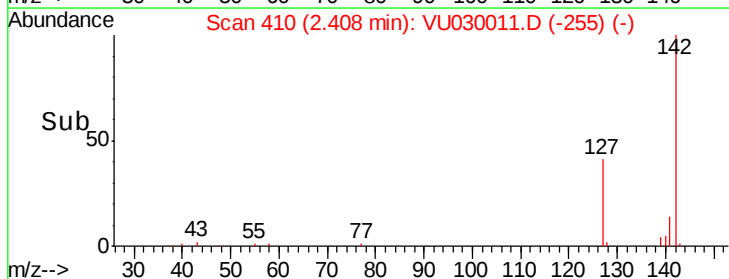
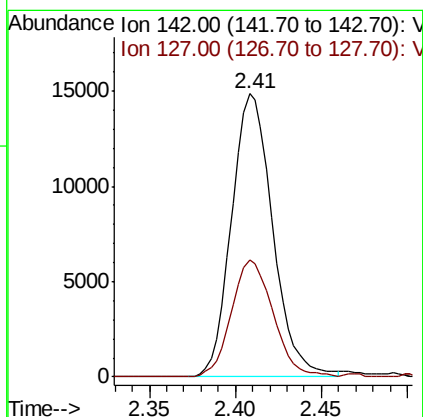
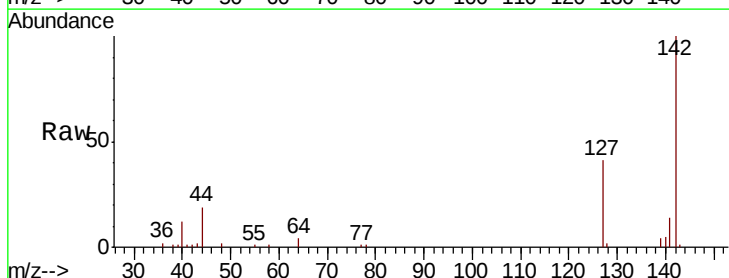
Instrument :
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 ClientSampleId :
 VU0314WBS01

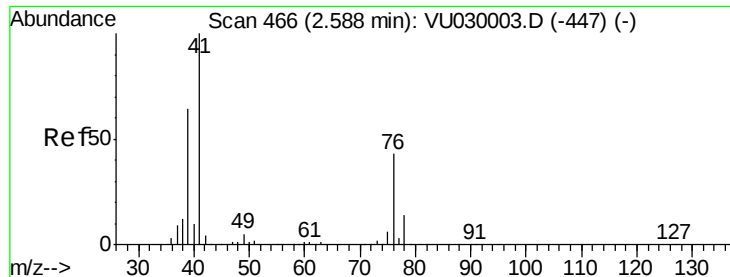
Tgt Ion: 96 Resp: 29222
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 447.0
 98 65.3 0.0 129.2



#10
 Iodomethane
 Concen: 1.859 ug/l
 RT: 2.41 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 142 Resp: 24747
 Ion Ratio Lower Upper
 142 100
 127 41.7 32.2 48.4

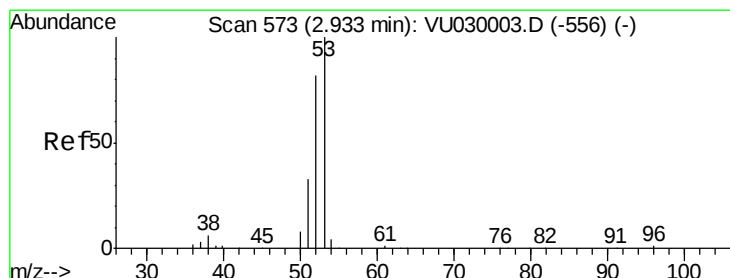
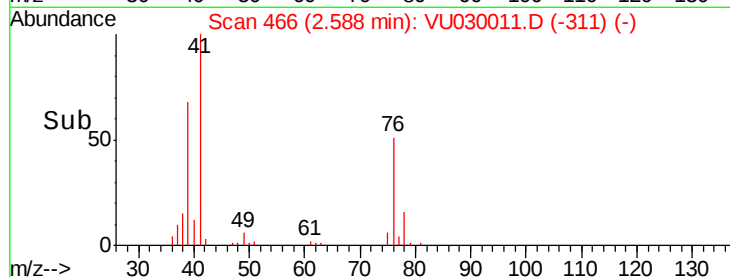
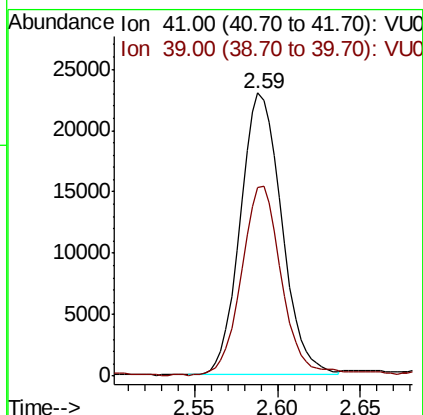
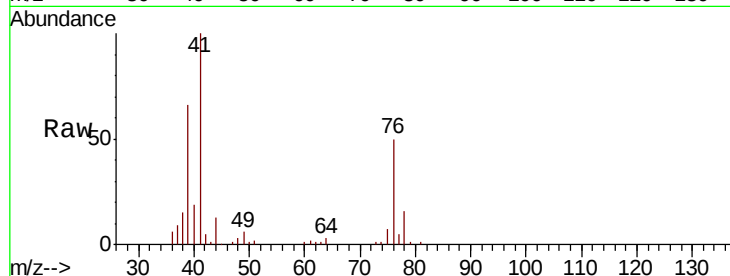




#11
 Allyl Chloride
 Concen: 1.831 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

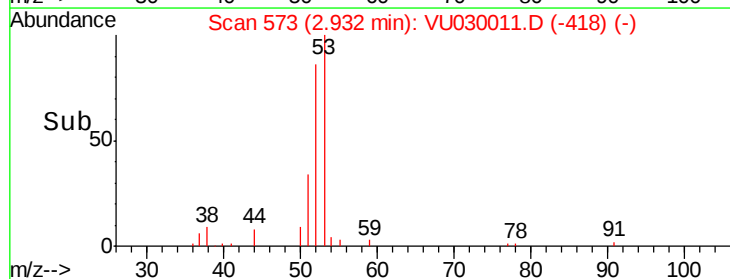
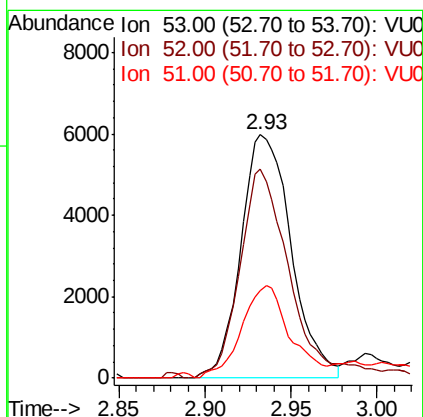
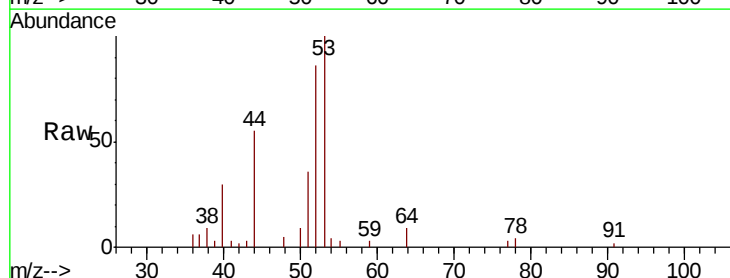
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

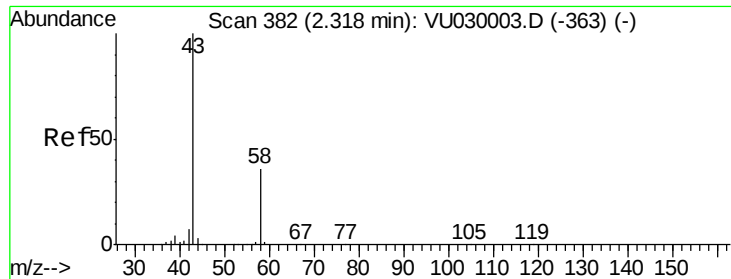
Tgt Ion: 41 Resp: 39767
 Ion Ratio Lower Upper
 41 100
 39 65.8 50.8 76.2



#12
 Acrylonitrile
 Concen: 3.643 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 53 Resp: 12121
 Ion Ratio Lower Upper
 53 100
 52 85.6 66.3 99.5
 51 36.7 26.9 40.3





#13

Acetone

Concen: 8.315 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

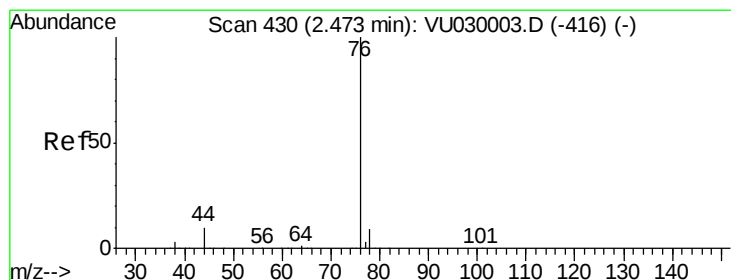
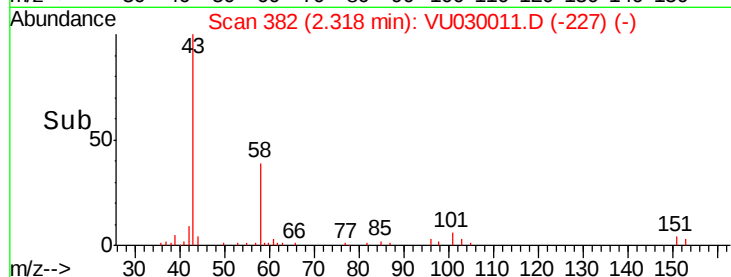
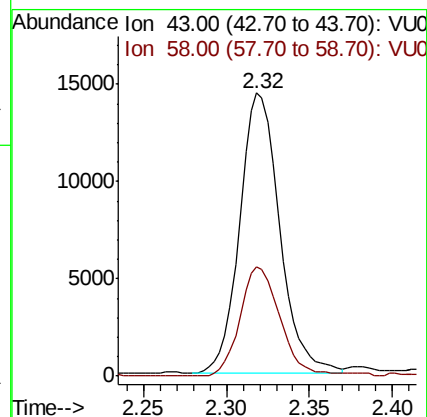
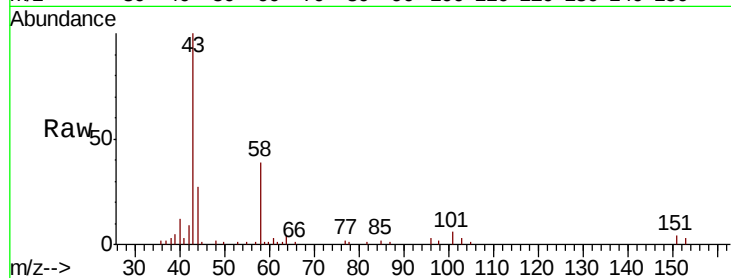
VU0314WBS01

Tgt Ion: 43 Resp: 24087

Ion Ratio Lower Upper

43 100

58 39.2 28.6 43.0



#14

Carbon Disulfide

Concen: 1.783 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU030011.D

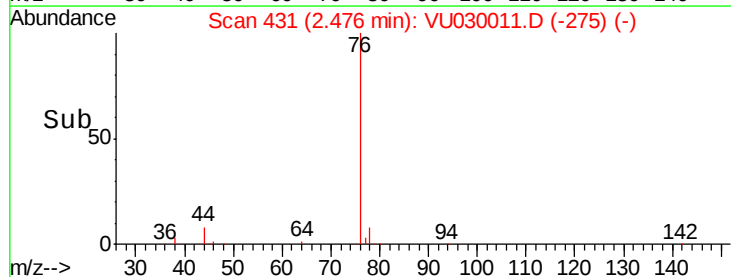
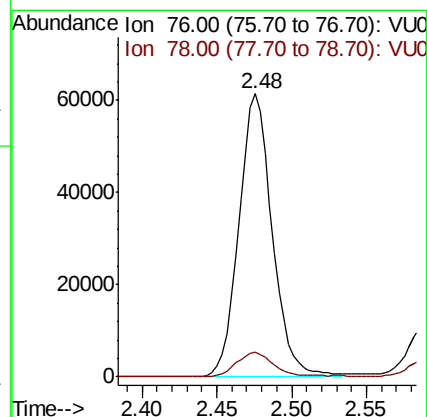
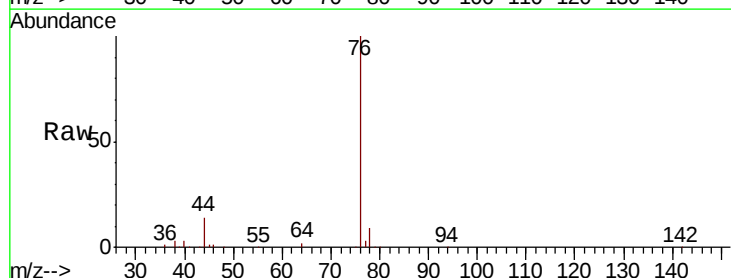
Acq: 12 Mar 2019 17:13

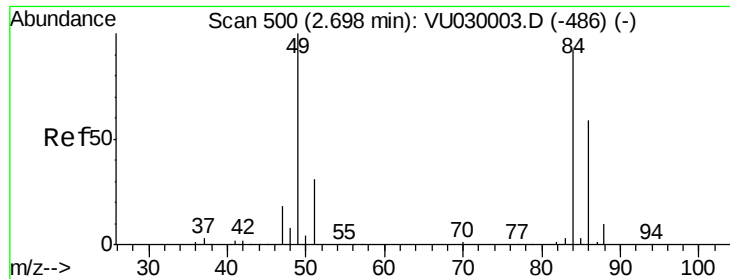
Tgt Ion: 76 Resp: 95457

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.2

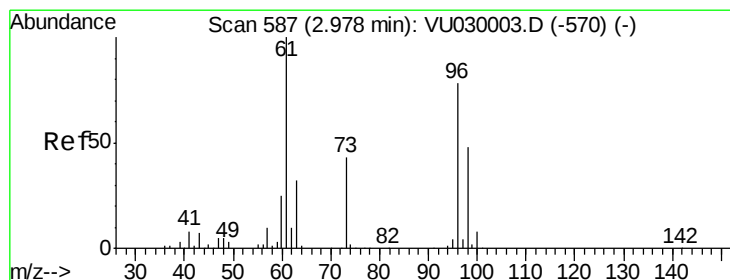
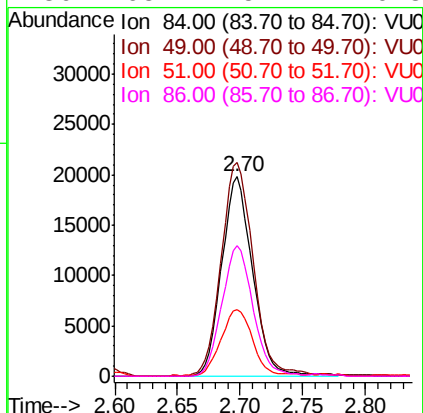
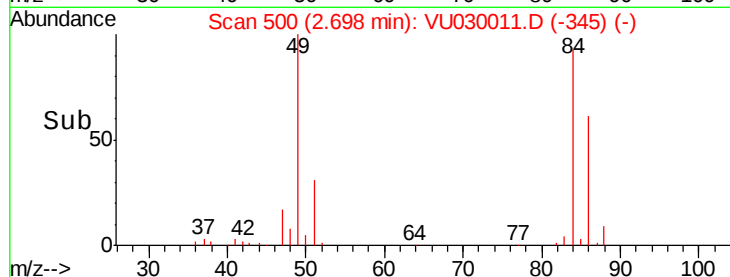
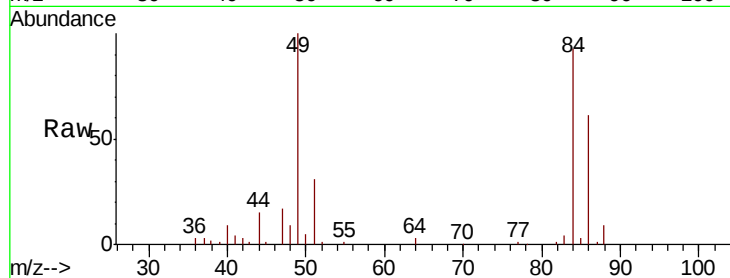




#15
Methylene Chloride
Concen: 1.859 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

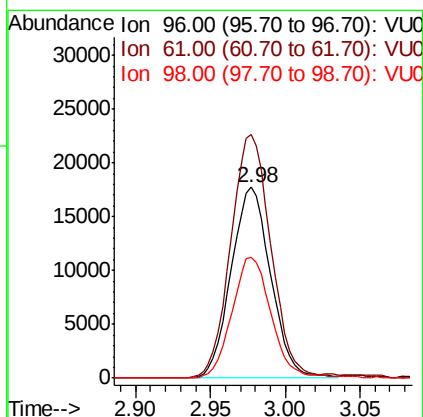
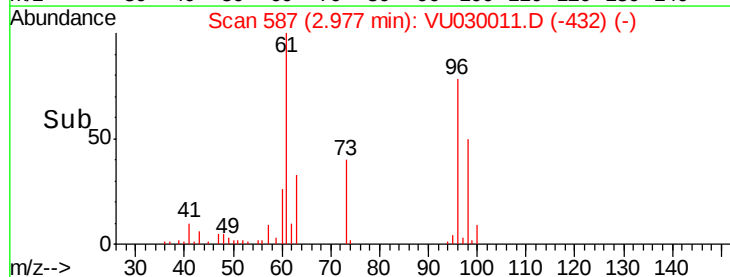
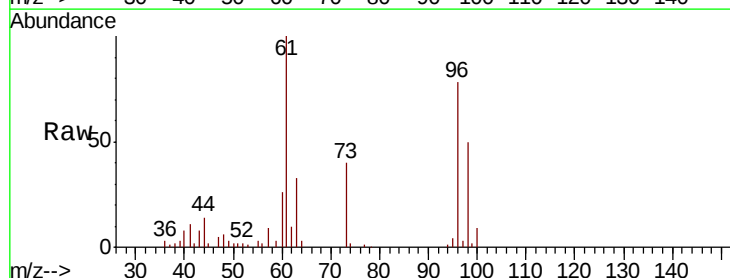
Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

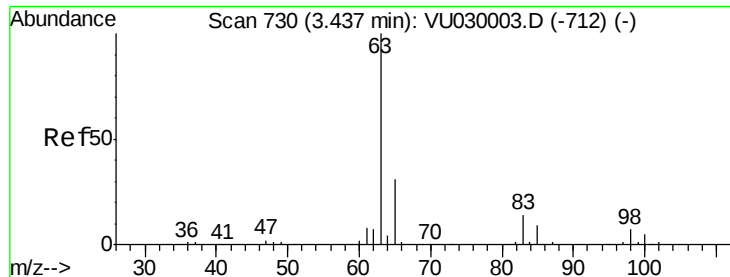
Tgt Ion:	84	Resp:	34015
Ion	Ratio	Lower	Upper
84	100		
49	107.2	86.5	129.7
51	32.7	0.0	66.8
86	65.7	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 1.844 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion:	96	Resp:	32718
Ion	Ratio	Lower	Upper
96	100		
61	127.5	103.0	154.6
98	63.4	49.5	74.3

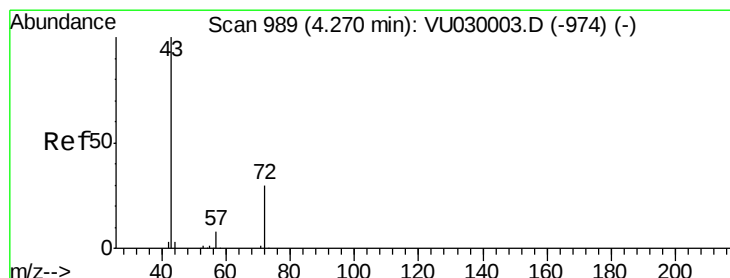
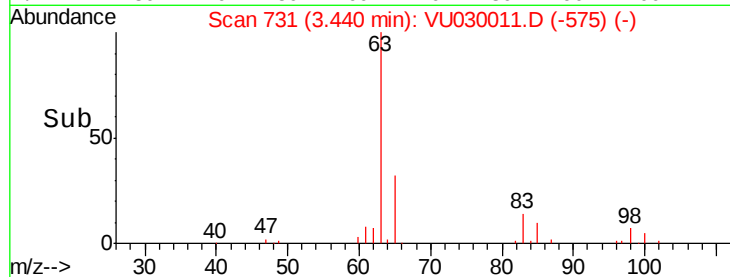
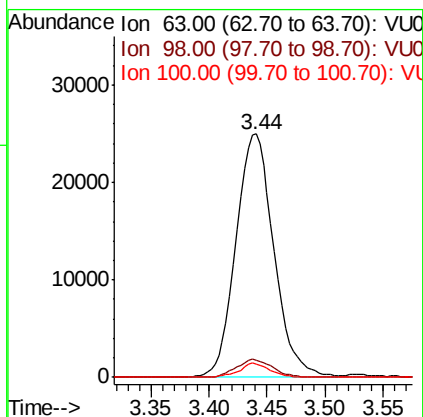
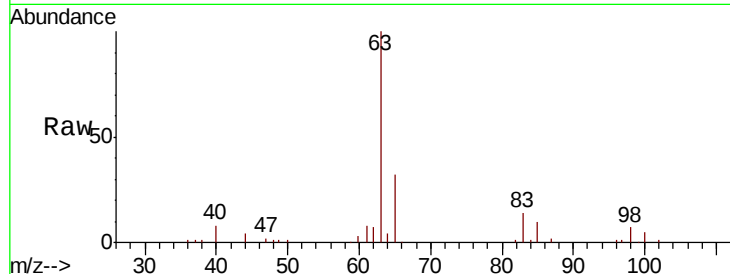




#17
 1,1-Dichloroethane
 Concen: 1.894 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

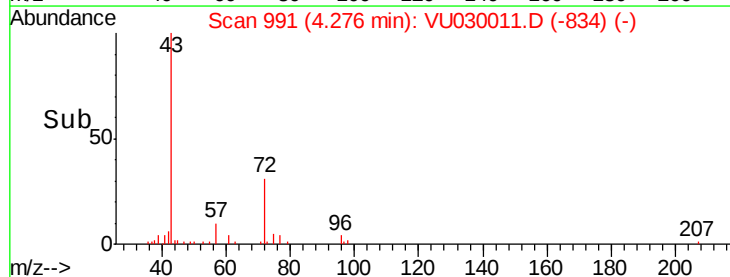
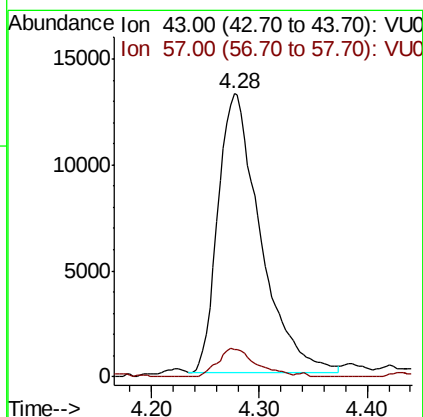
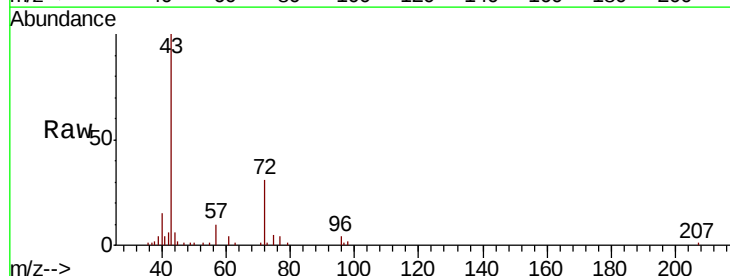
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

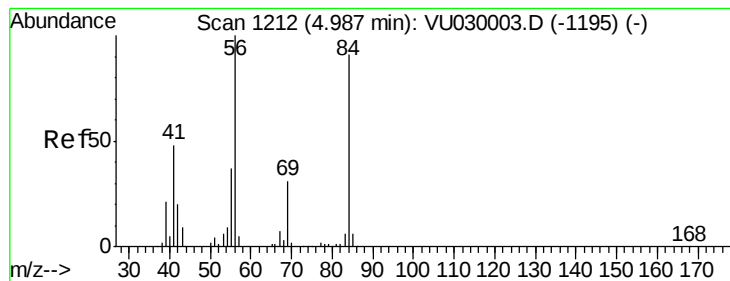
Tgt Ion: 63 Resp: 56799
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 5.3 2.3 6.8



#18
 2-Butanone
 Concen: 9.027 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 43 Resp: 36204
 Ion Ratio Lower Upper
 43 100
 57 9.9 0.0 16.8





#19

Cyclohexane

Concen: 1.582 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

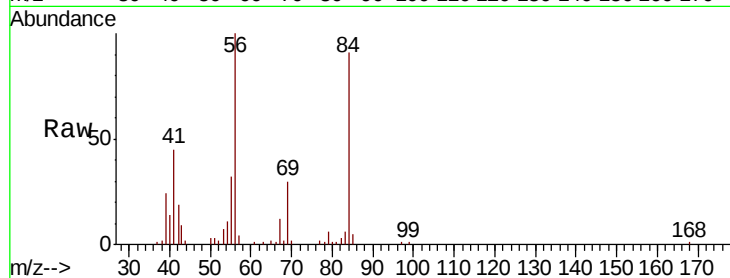
Tgt Ion: 56 Resp: 40653

Ion Ratio Lower Upper

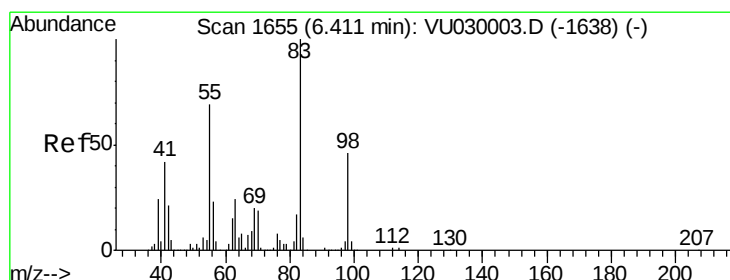
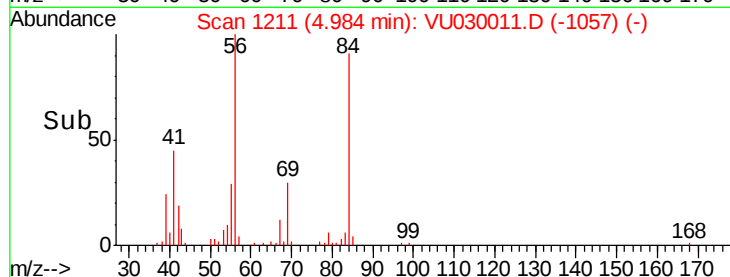
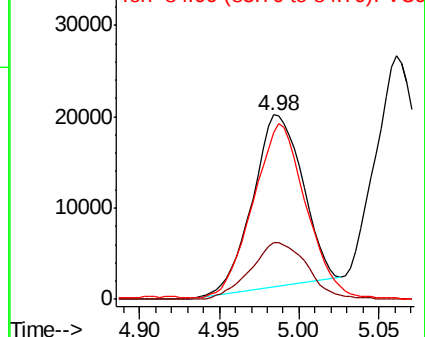
56 100

69 37.5 25.7 38.5

84 107.7 72.9 109.3



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



#20

Methylcyclohexane

Concen: 1.804 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

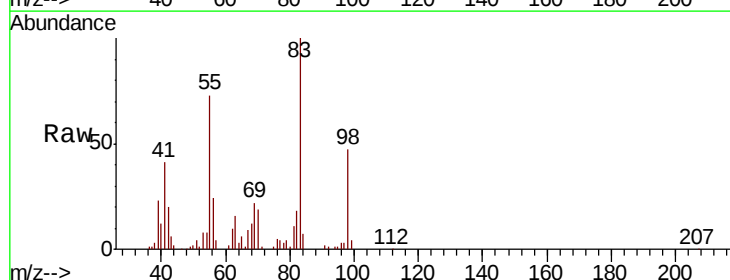
Tgt Ion: 83 Resp: 51151

Ion Ratio Lower Upper

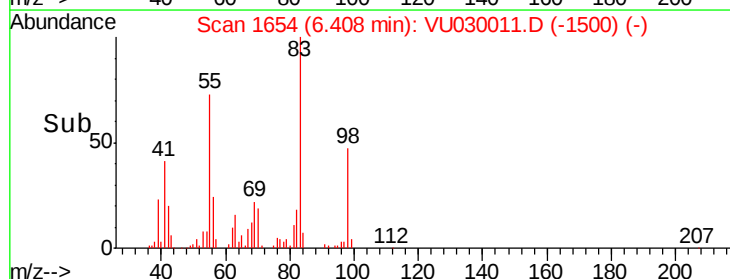
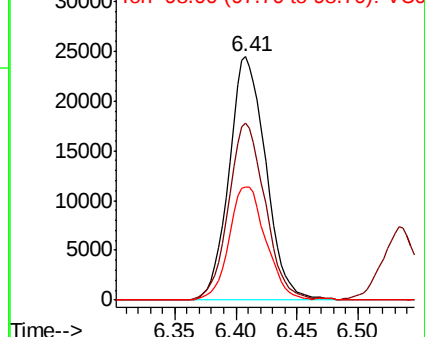
83 100

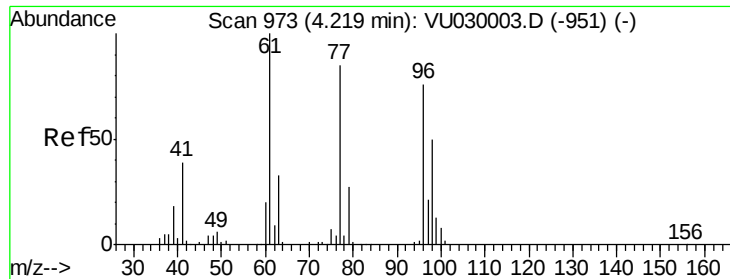
55 71.2 55.6 83.4

98 46.5 37.4 56.0



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





#21

2,2-Dichloropropane

Concen: 1.782 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

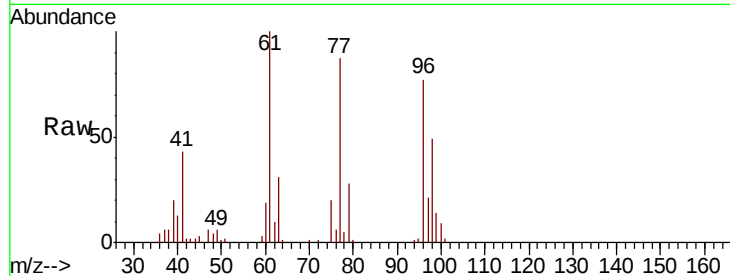
VU0314WBS01

Tgt Ion: 77 Resp: 44954

Ion Ratio Lower Upper

77 100

97 24.1 20.2 30.4



Abundance Ion 77.00 (76.70 to 77.70): VU030003.D (-951) (-)

Ion 97.00 (96.70 to 97.70): VU030003.D (-951) (-)

4.22

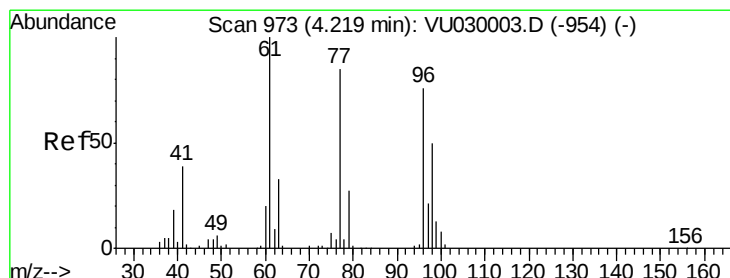
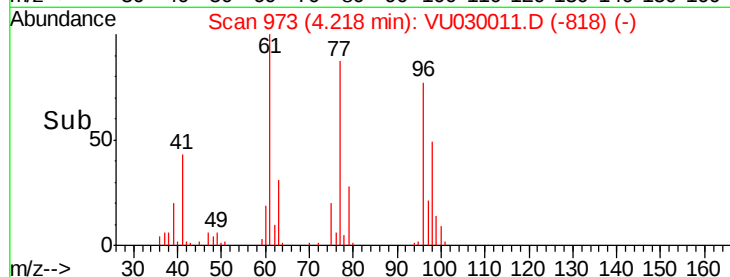
15000

10000

5000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.860 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

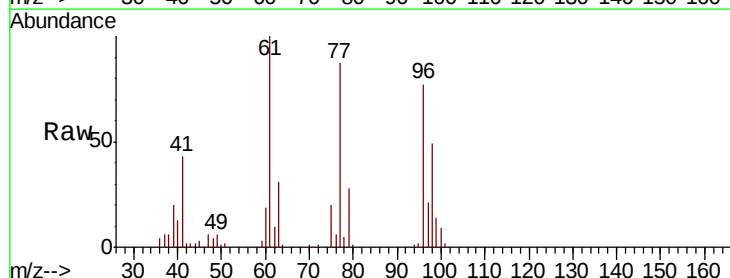
Tgt Ion: 96 Resp: 36677

Ion Ratio Lower Upper

96 100

61 129.0 0.0 335.8

98 64.9 32.6 97.7



Abundance Ion 96.00 (95.70 to 96.70): VU030003.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU030003.D (-954) (-)

Ion 98.00 (97.70 to 98.70): VU030003.D (-954) (-)

25000

20000

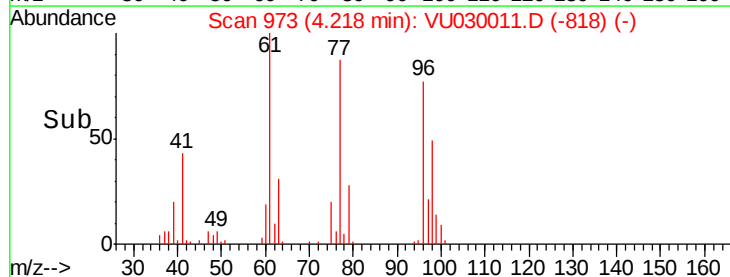
15000

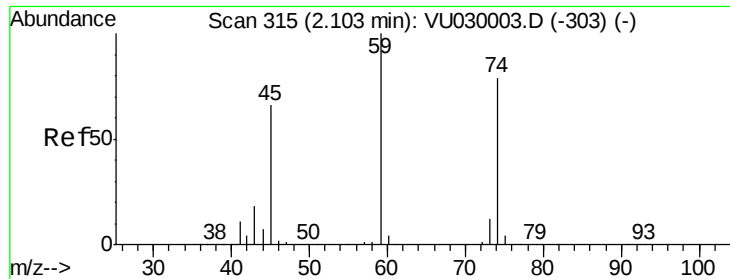
10000

5000

0

Time-->

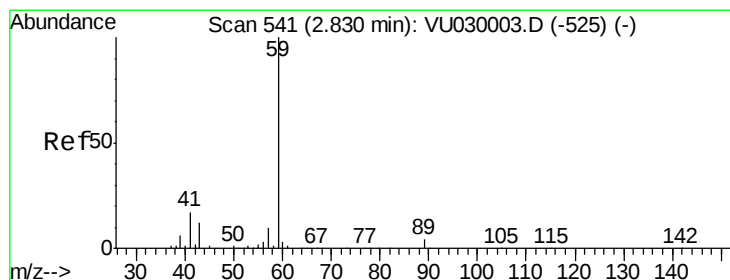
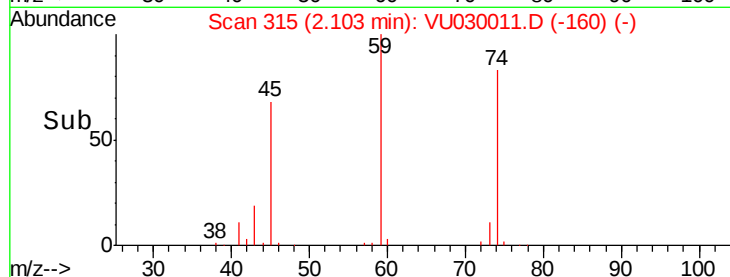
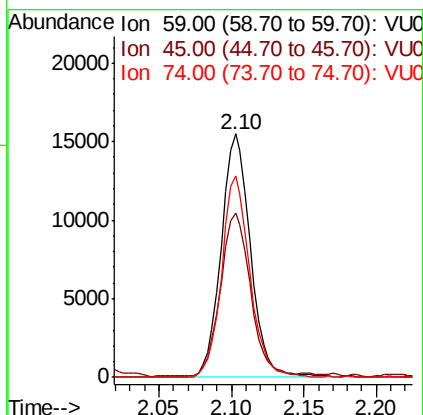
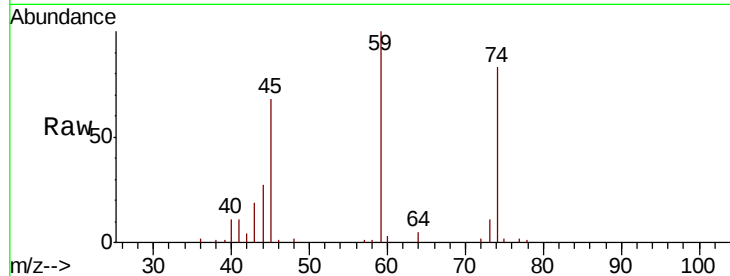




#23
Diethyl Ether
Concen: 1.885 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

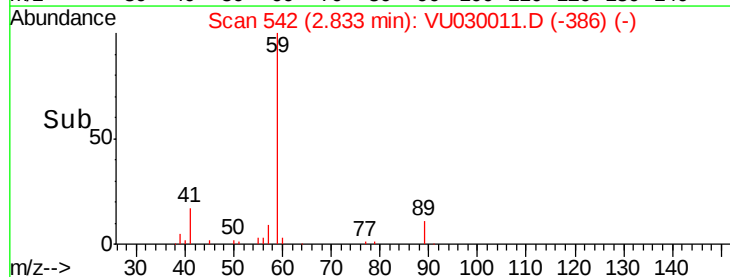
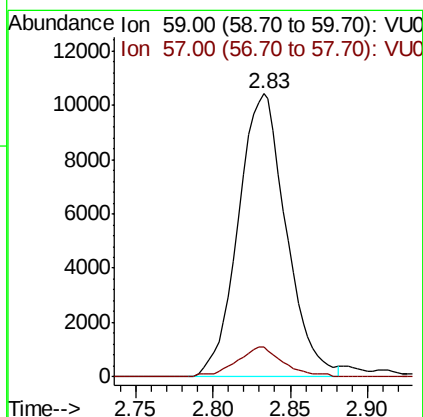
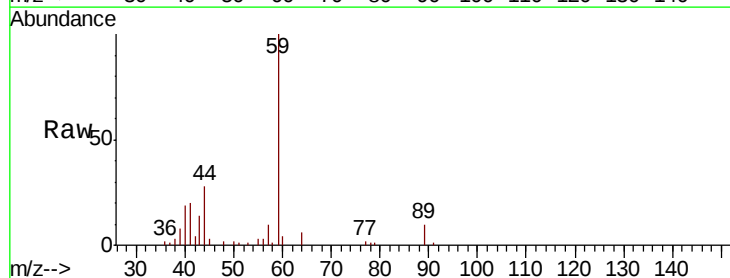
Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

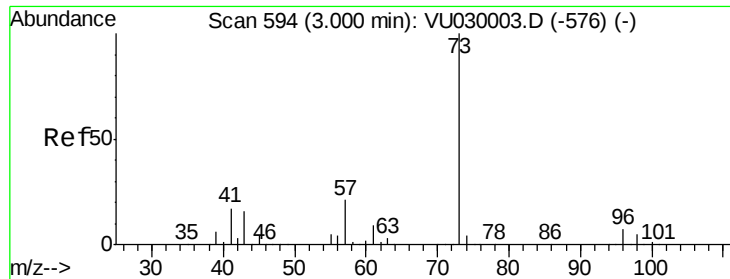
Tgt Ion: 59 Resp: 21638
Ion Ratio Lower Upper
59 100
45 68.1 52.3 78.5
74 79.8 61.1 91.7



#24
tert-Butyl Alcohol
Concen: 18.265 ug/l
RT: 2.83 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 59 Resp: 22437
Ion Ratio Lower Upper
59 100
57 10.4 7.7 11.5



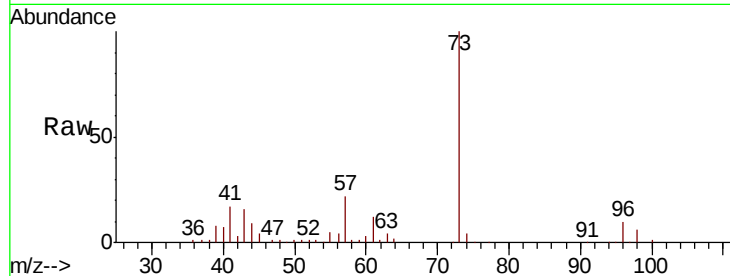


#25

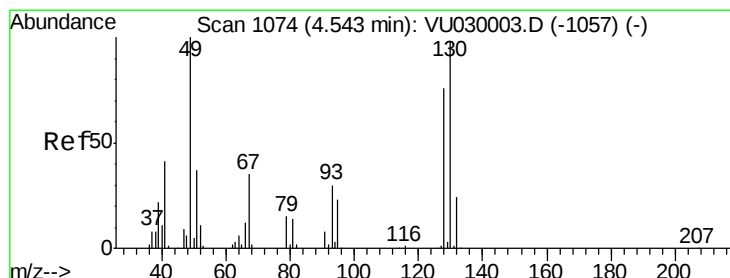
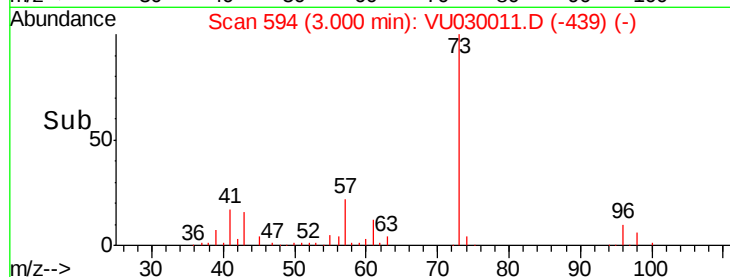
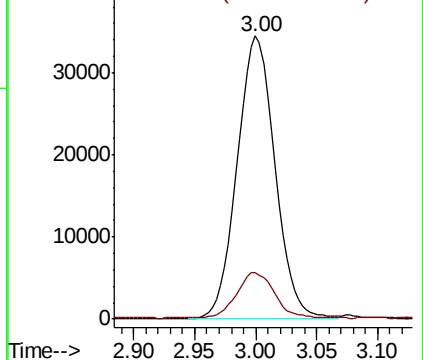
Methyl tert-Butyl Ether
Concen: 1.909 ug/l
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion: 73 Resp: 74072
Ion Ratio Lower Upper
73 100
43 16.0 13.1 19.7



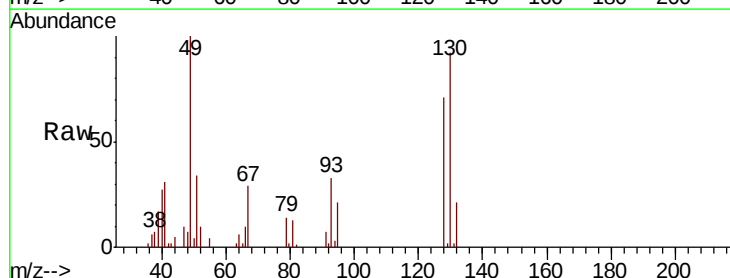
Abundance Ion 73.00 (72.70 to 73.70): VU030003.D (-576) (-)
Ion 43.00 (42.70 to 43.70): VU030003.D (-576) (-)



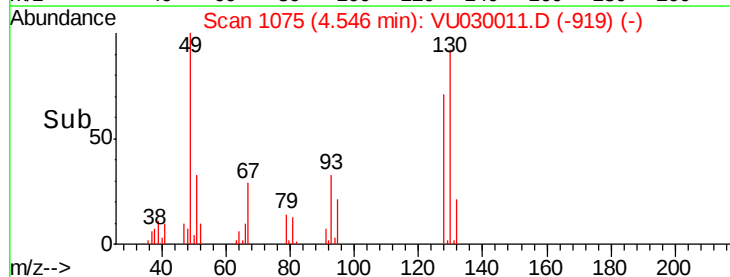
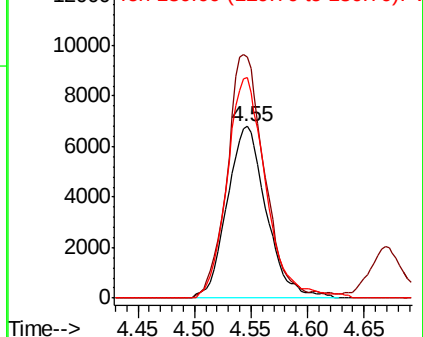
#26

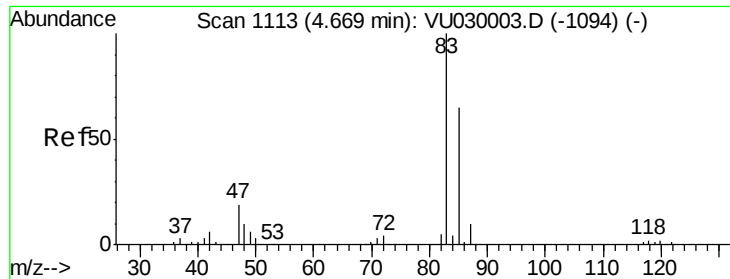
Bromochloromethane
Concen: 1.895 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 128 Resp: 16351
Ion Ratio Lower Upper
128 100
49 135.9 0.0 270.4
130 126.6 102.6 153.8



Abundance Ion 128.00 (127.70 to 128.70): VU030003.D (-1057) (-)
Ion 49.00 (48.70 to 49.70): VU030003.D (-1057) (-)
Ion 130.00 (129.70 to 130.70): VU030003.D (-1057) (-)

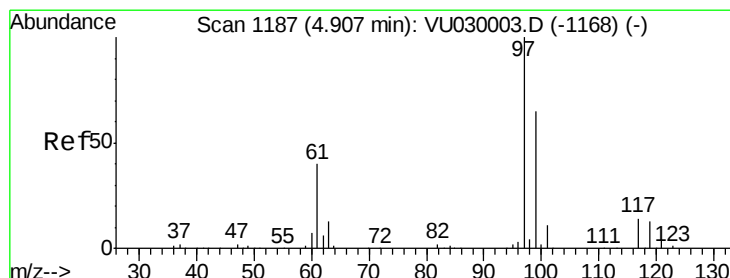
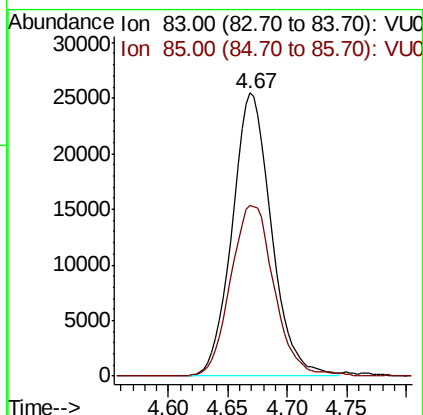
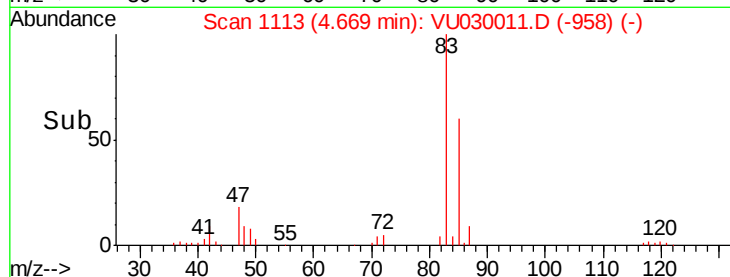
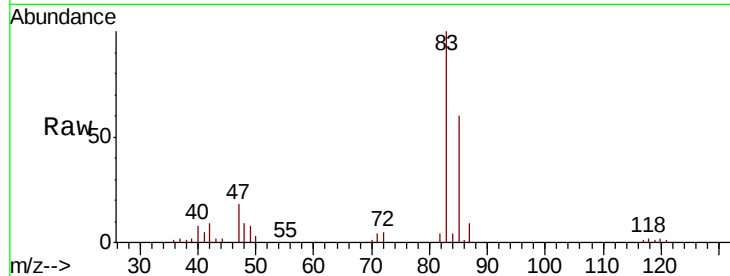




#27
Chloroform
Concen: 1.845 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

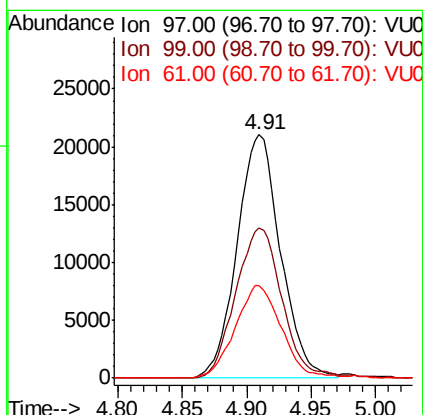
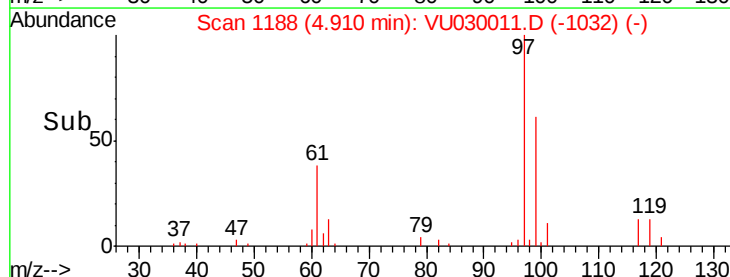
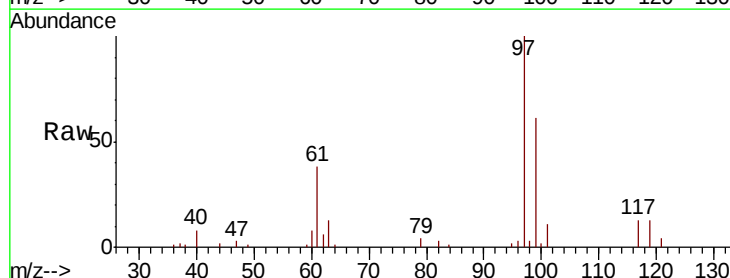
Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

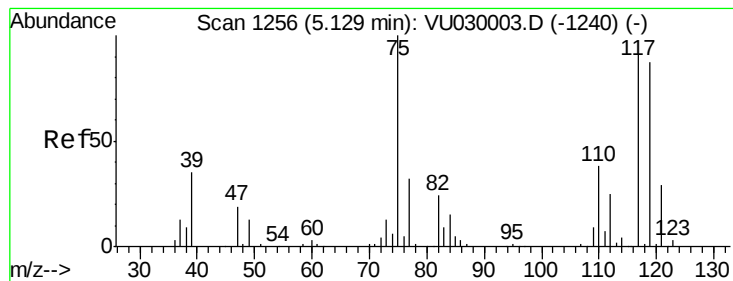
Tgt Ion: 83 Resp: 58212
Ion Ratio Lower Upper
83 100
85 60.1 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 1.904 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 97 Resp: 49446
Ion Ratio Lower Upper
97 100
99 65.2 32.4 97.0
61 40.3 20.4 61.2





#29

1,1-Dichloropropene

Concen: 1.812 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

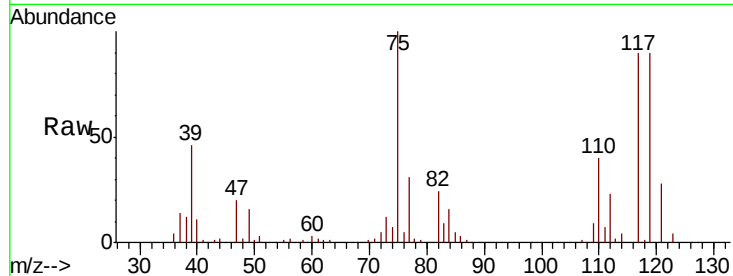
Tgt Ion: 75 Resp: 42838

Ion Ratio Lower Upper

75 100

110 39.6 19.1 57.3

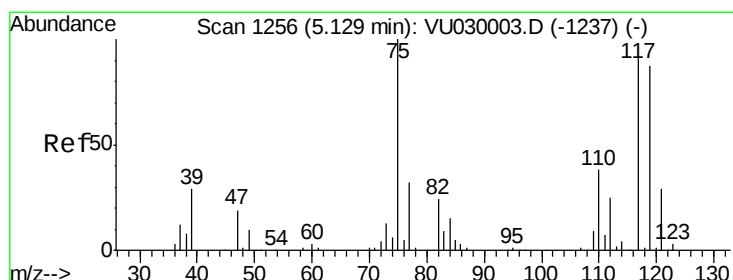
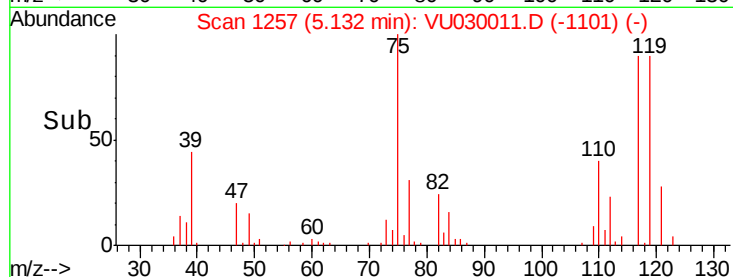
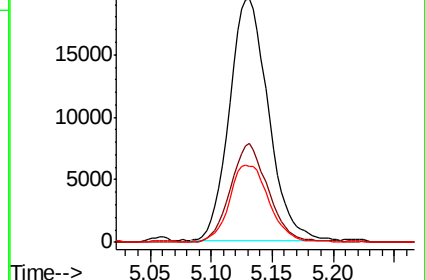
77 32.8 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU030003.D (-1240) (-)

Ion 110.00 (109.70 to 110.70): VU030003.D (-1240) (-)

Ion 77.00 (76.70 to 77.70): VU030003.D (-1240) (-)



#30

Carbon Tetrachloride

Concen: 1.789 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

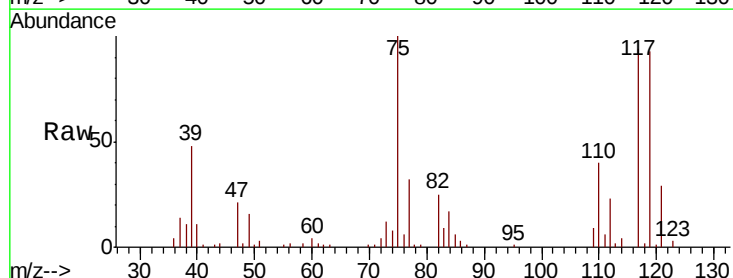
Tgt Ion: 117 Resp: 41529

Ion Ratio Lower Upper

117 100

119 98.4 76.3 114.5

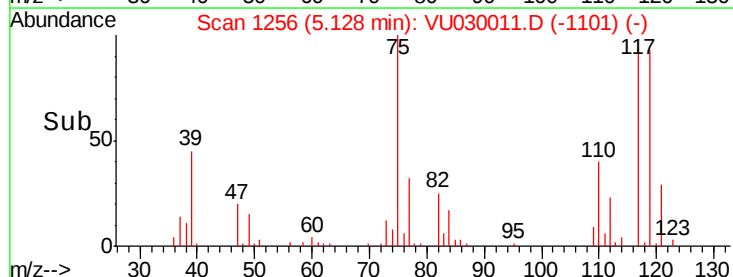
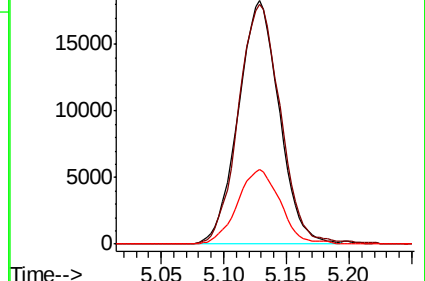
121 30.7 25.1 37.7

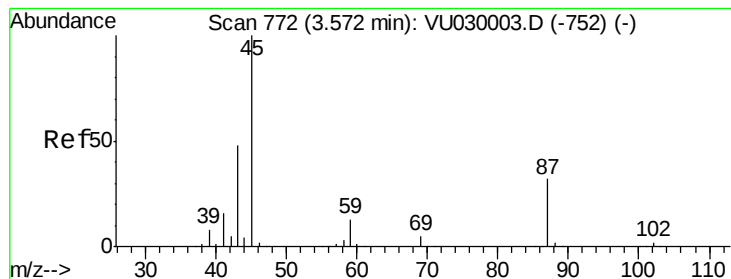


Abundance Ion 117.00 (116.70 to 117.70): VU030003.D (-1237) (-)

Ion 119.00 (118.70 to 119.70): VU030003.D (-1237) (-)

Ion 121.00 (120.70 to 121.70): VU030003.D (-1237) (-)





#31

Isopropyl Ether

Concen: 1.861 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

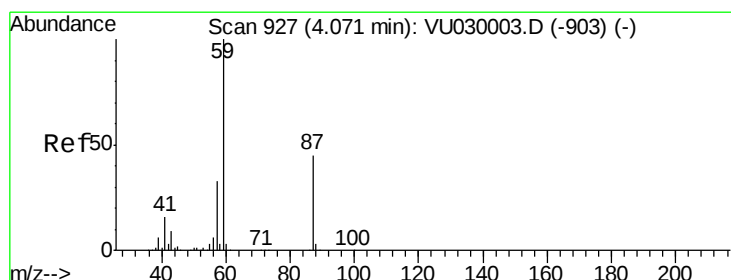
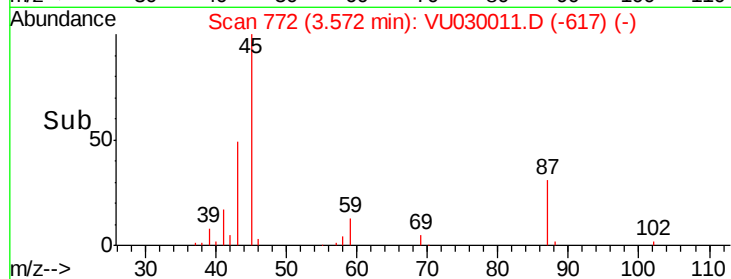
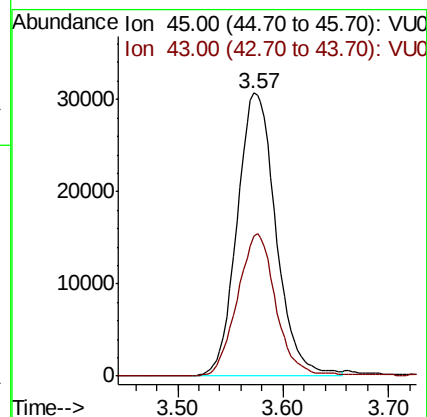
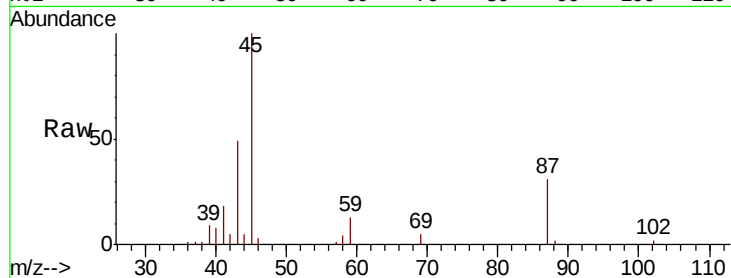
VU0314WBS01

Tgt Ion: 45 Resp: 78559

Ion Ratio Lower Upper

45 100

43 50.3 24.5 73.5



#32

Ethyl-t-butyl ether

Concen: 1.872 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU030011.D

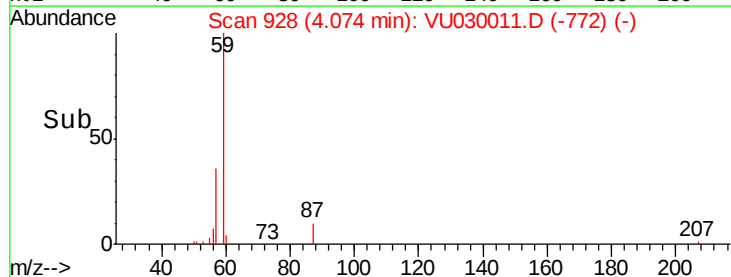
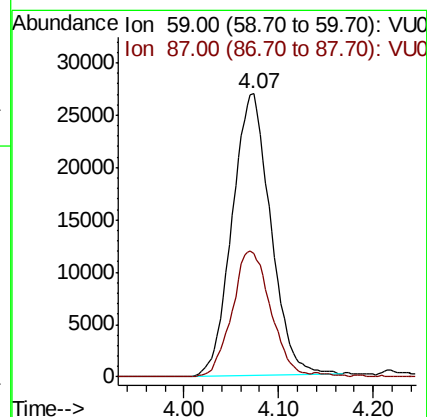
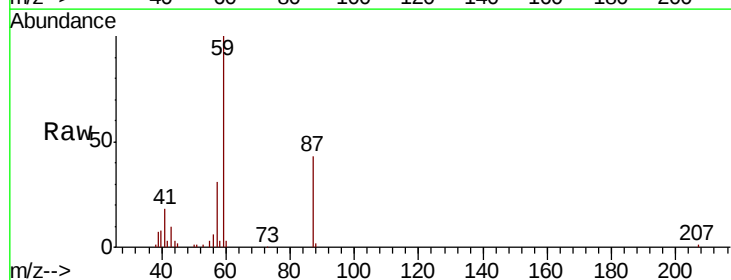
Acq: 12 Mar 2019 17:13

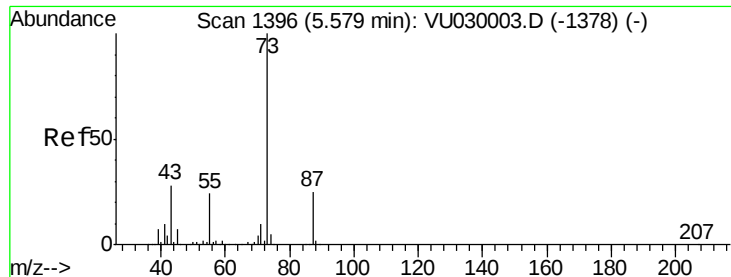
Tgt Ion: 59 Resp: 76107

Ion Ratio Lower Upper

59 100

87 43.4 36.2 54.4



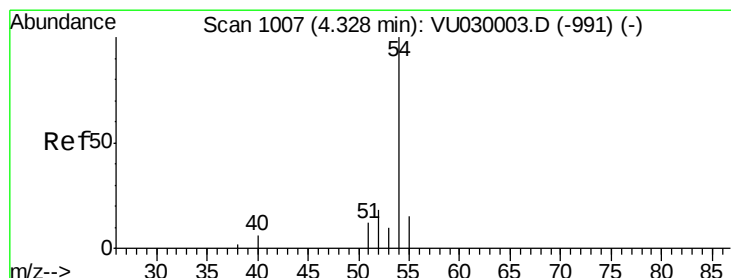
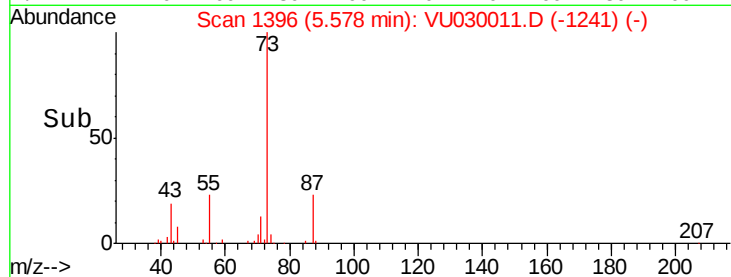
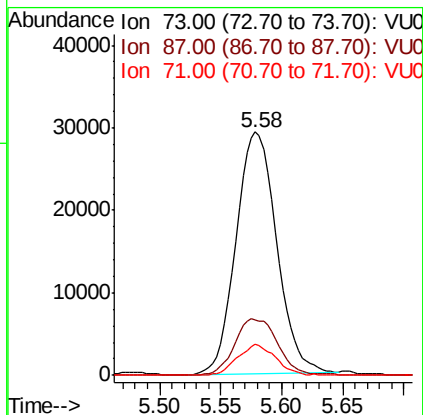
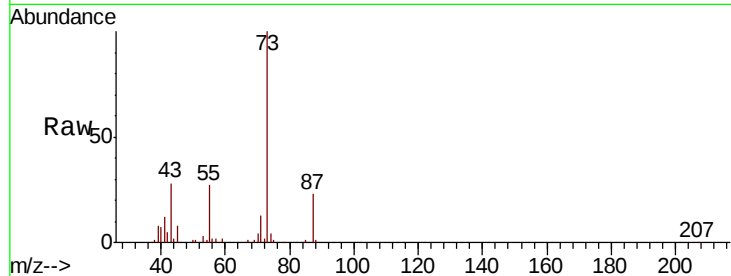


#33

Tert-Amyl methyl ether
 Concen: 1.814 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

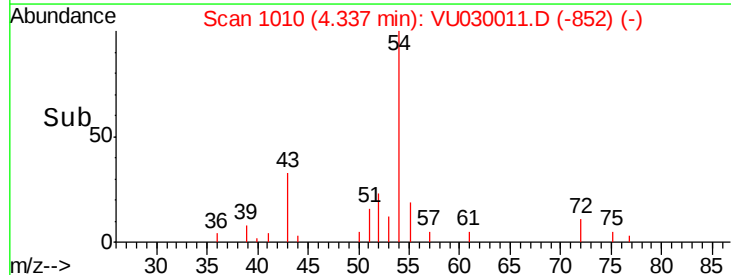
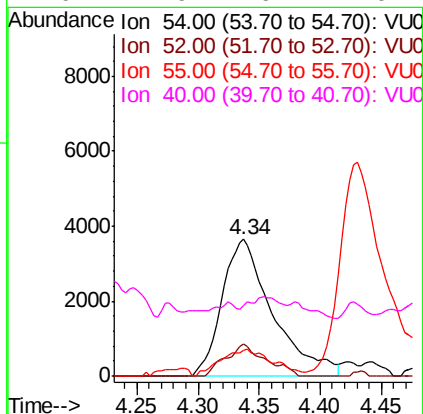
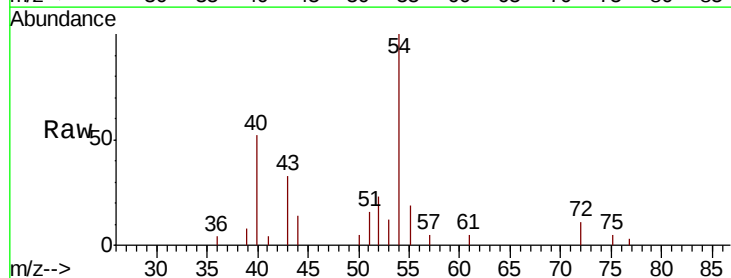
Tgt Ion	Ratio	Lower	Upper
73	100		
87	24.9	19.7	29.5
71	12.0	8.6	13.0

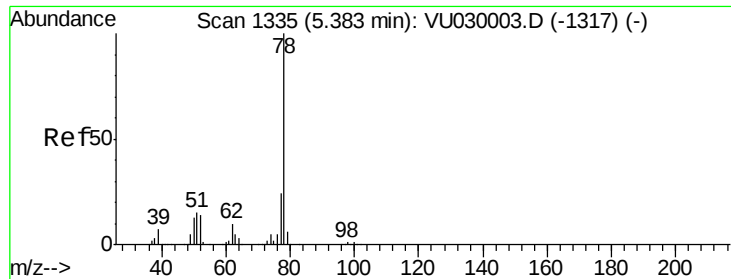


#34

Propionitrile
 Concen: 9.434 ug/l
 RT: 4.34 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.4	15.8	23.6
55	20.0	12.5	18.7#
40	4.9	6.1	9.1#





#35

Benzene

Concen: 1.869 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

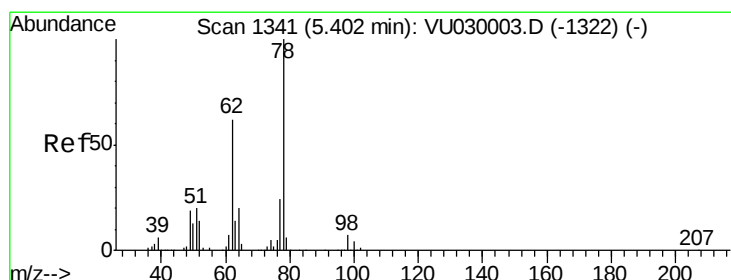
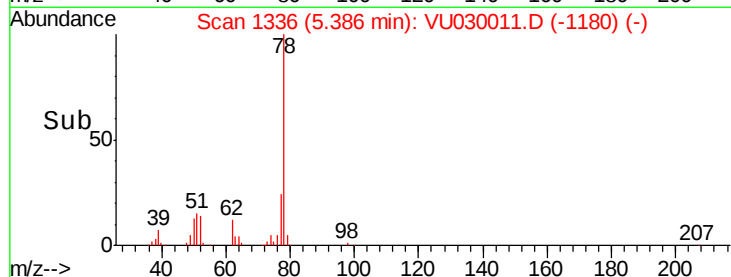
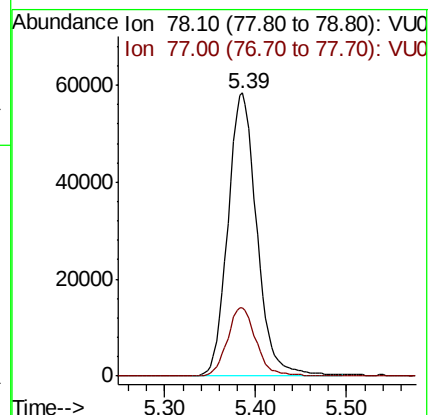
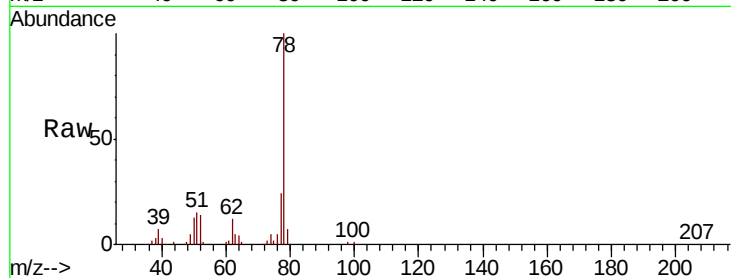
VU0314WBS01

Tgt Ion: 78 Resp: 129220

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3



#36

1,2-Dichloroethane

Concen: 1.900 ug/l

RT: 5.40 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU030011.D

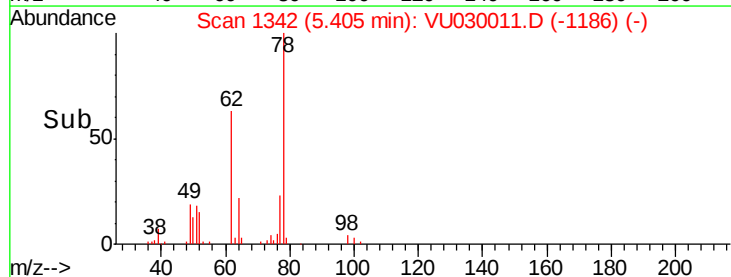
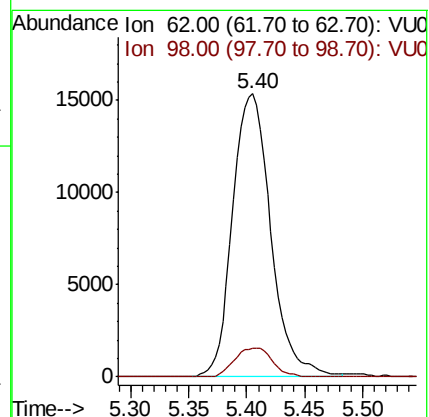
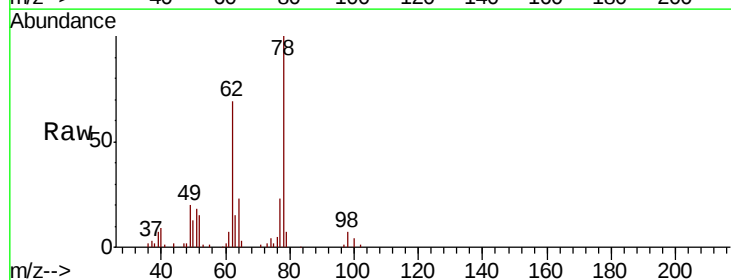
Acq: 12 Mar 2019 17:13

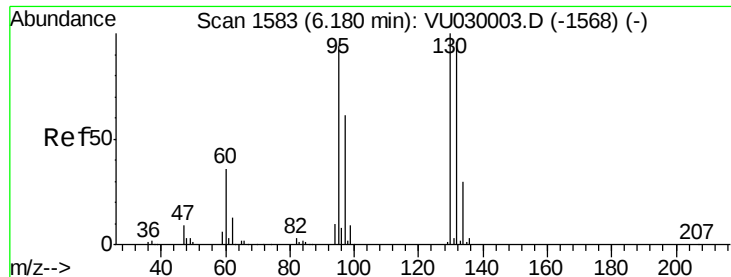
Tgt Ion: 62 Resp: 35140

Ion Ratio Lower Upper

62 100

98 10.1 8.4 12.6





#37

Trichloroethene

Concen: 1.848 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

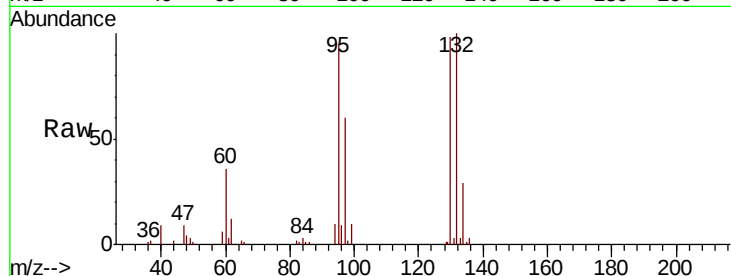
VU0314WBS01

Tgt Ion:130 Resp: 36816

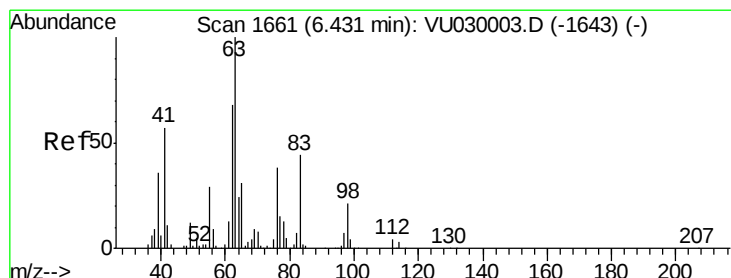
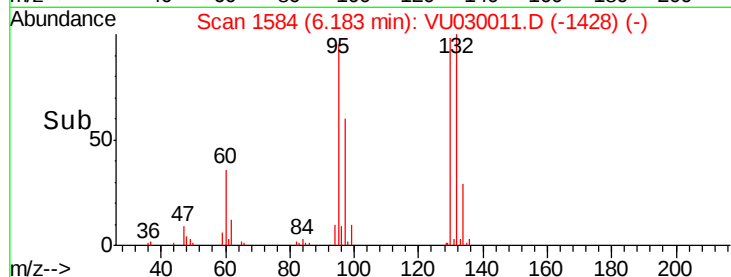
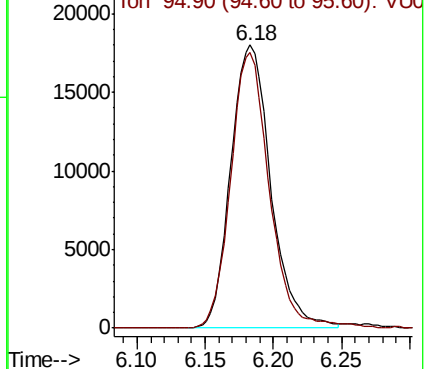
Ion Ratio Lower Upper

130 100

95 97.6 75.2 112.8



Abundance Ion 129.90 (129.60 to 130.60): VU030003.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 1.876 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VU030011.D

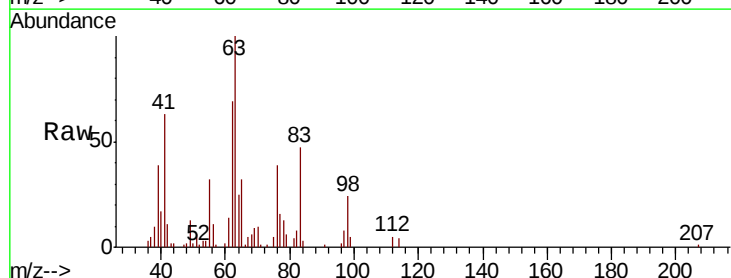
Acq: 12 Mar 2019 17:13

Tgt Ion: 63 Resp: 32974

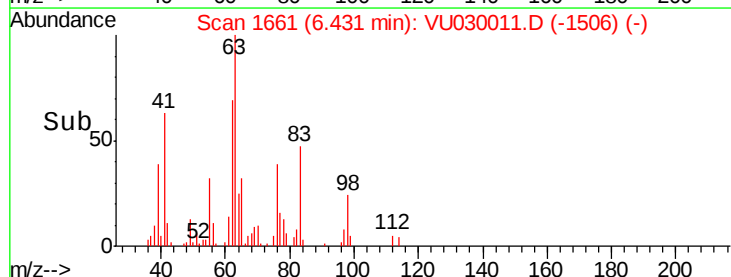
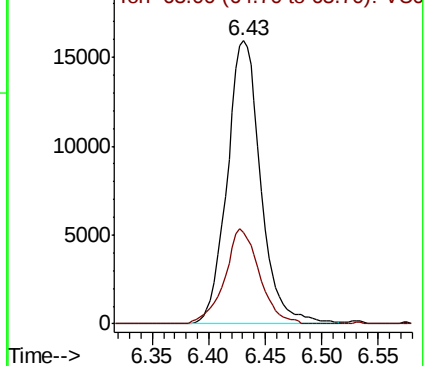
Ion Ratio Lower Upper

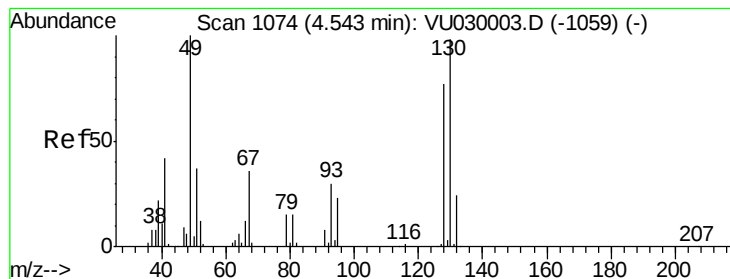
63 100

65 32.4 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU030003.D (-1643) (-)





#39

Methacrylonitrile

Concen: 1.827 ug/l

RT: 4.55 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

Tgt Ion: 41 Resp: 8908

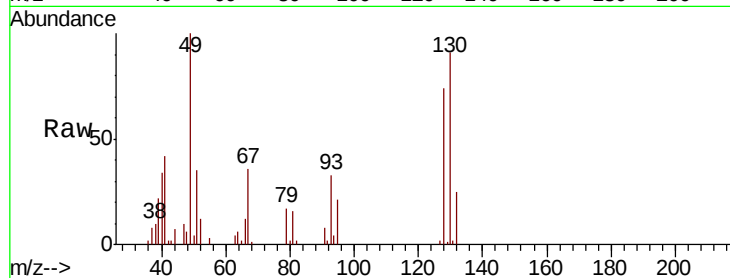
Ion Ratio Lower Upper

41 100

67 85.7 71.4 107.0

39 55.0 41.9 62.9

52 28.9 12.6 19.0#

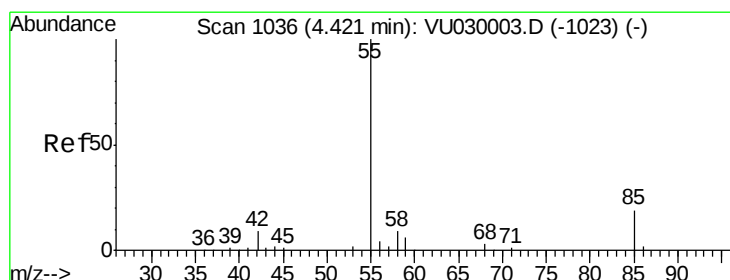
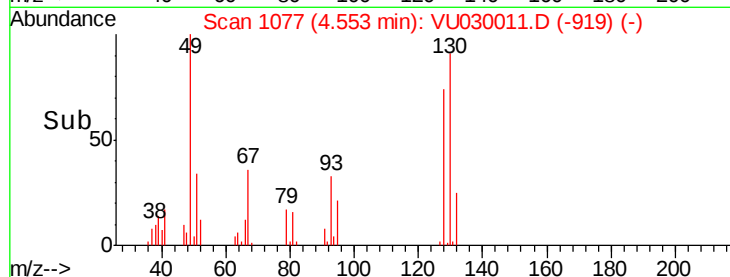
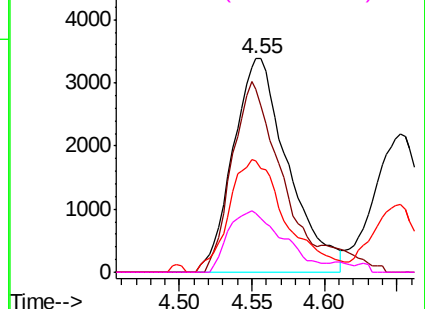


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 1.854 ug/l

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Tgt Ion: 55 Resp: 14284

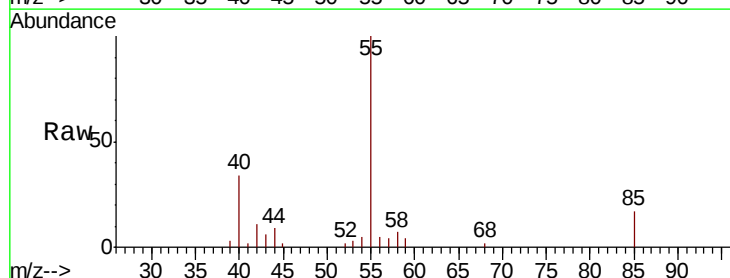
Ion Ratio Lower Upper

55 100

85 17.1 16.2 24.2

58 7.7 7.0 10.6

42 6.2 7.8 11.8#

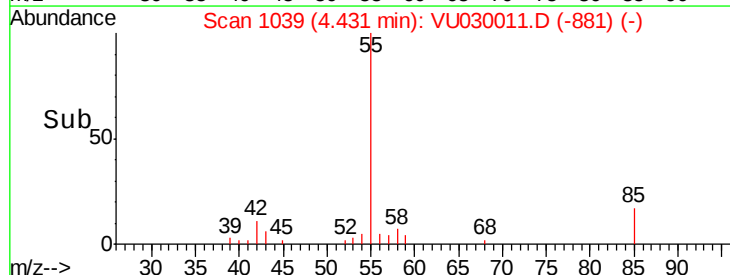
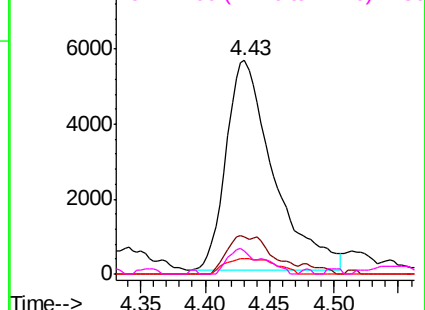


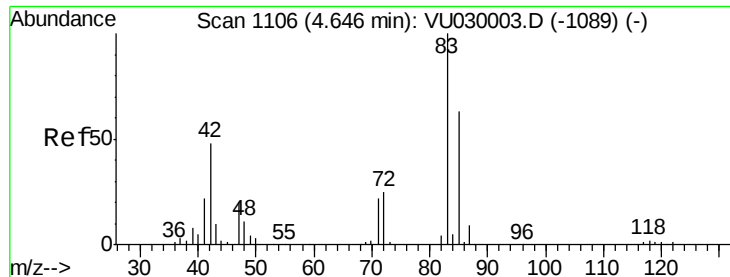
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

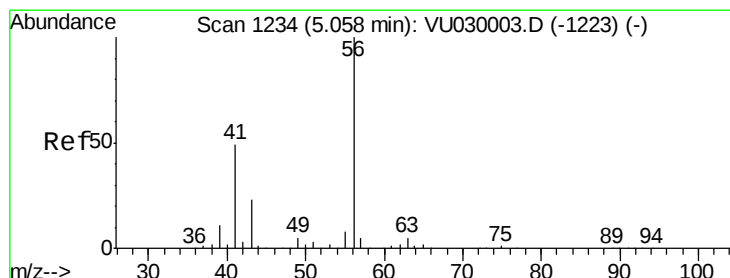
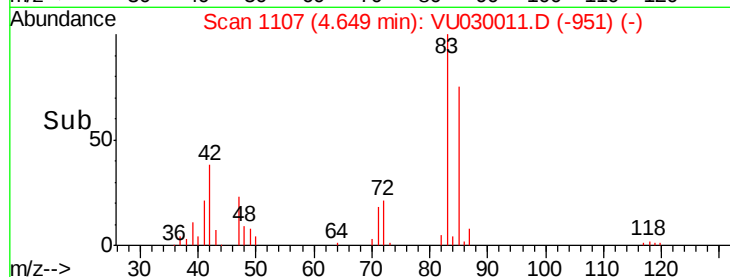
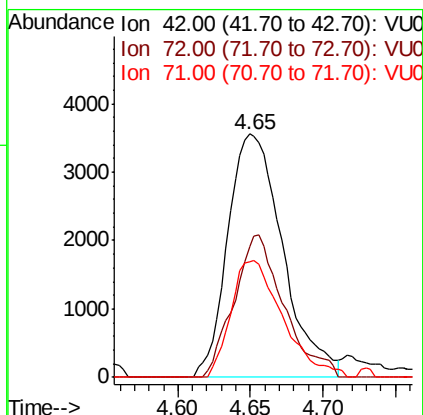
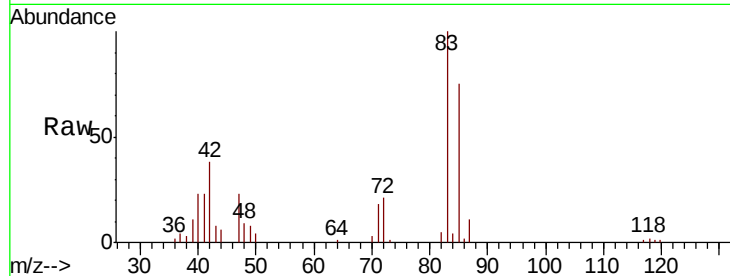




#41
Tetrahydrofuran
Concen: 3.482 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

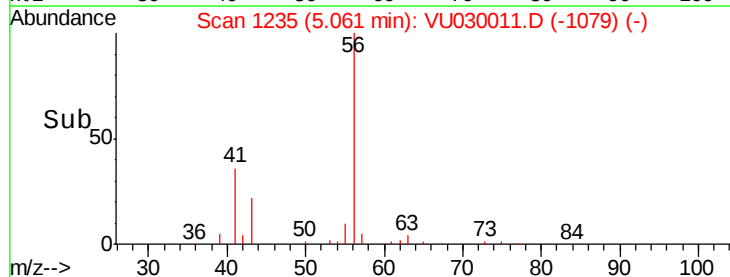
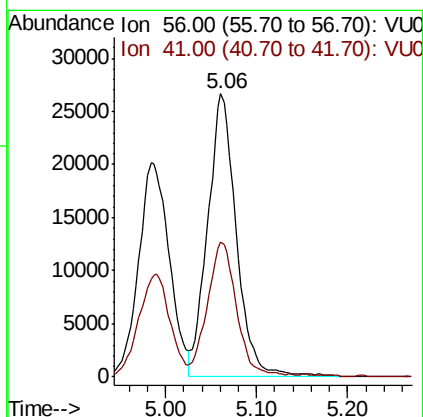
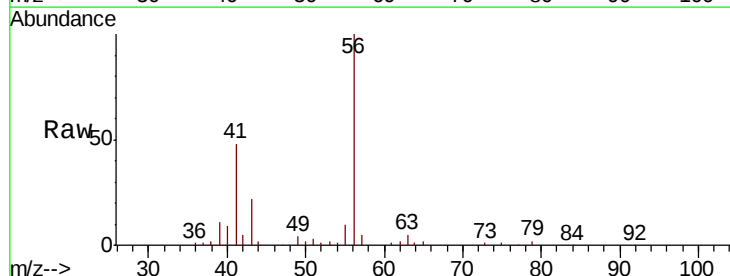
Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

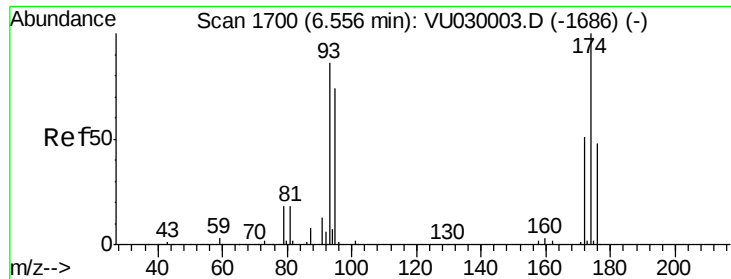
Tgt Ion: 42 Resp: 9390
Ion Ratio Lower Upper
42 100
72 53.0 44.9 67.3
71 45.0 37.8 56.8



#42
1-Chlorobutane
Concen: 1.890 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 56 Resp: 58500
Ion Ratio Lower Upper
56 100
41 46.7 24.7 74.1





#43

Dibromomethane

Concen: 1.881 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

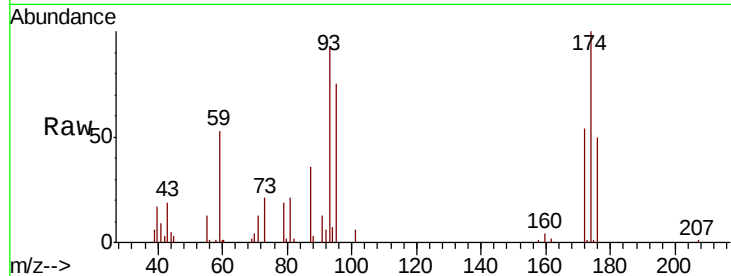
Tgt Ion: 93 Resp: 17105

Ion Ratio Lower Upper

93 100

95 85.5 68.6 102.8

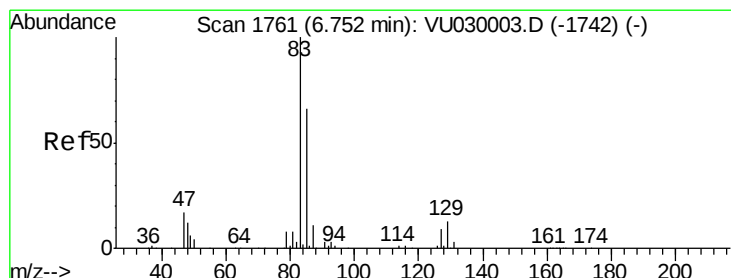
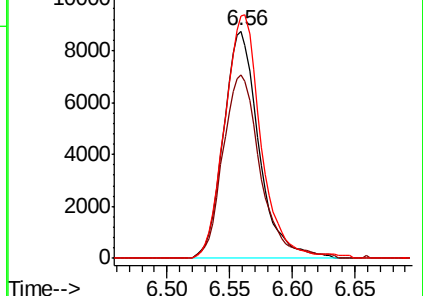
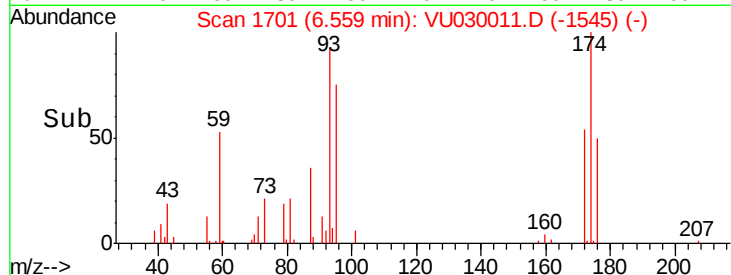
174 109.4 91.8 137.8



Abundance Ion 93.00 (92.70 to 93.70): VU030011.D (-1545) (-)

Ion 95.00 (94.70 to 95.70): VU030011.D (-1545) (-)

Ion 174.00 (173.70 to 174.70): VU030011.D (-1545) (-)



#44

Bromodichloromethane

Concen: 1.879 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

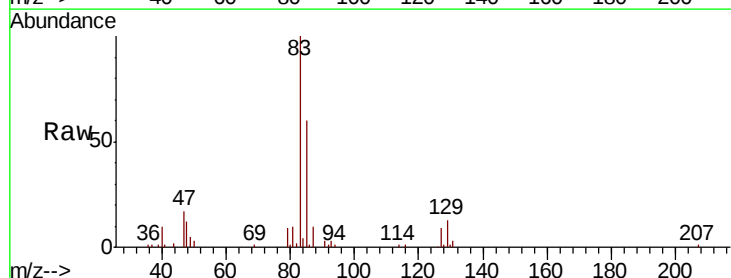
Tgt Ion: 83 Resp: 40772

Ion Ratio Lower Upper

83 100

85 60.1 53.2 79.8

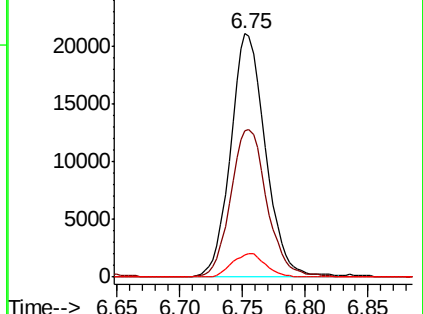
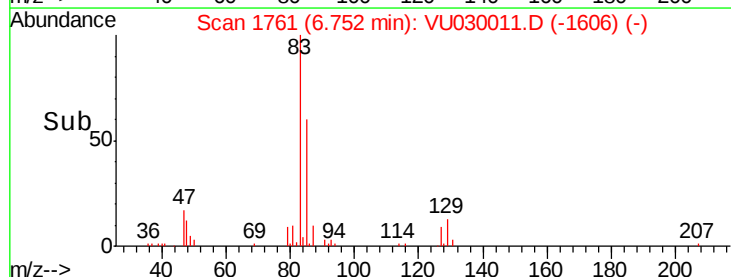
127 9.0 7.4 11.0

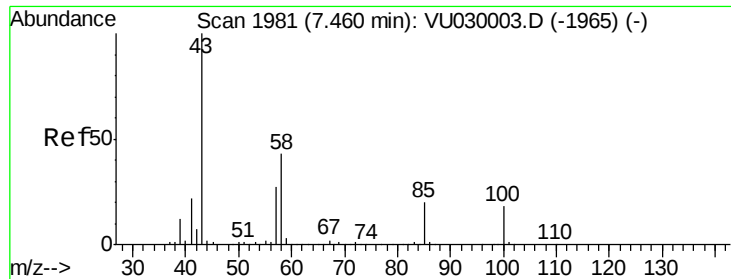


Abundance Ion 83.00 (82.70 to 83.70): VU030011.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VU030011.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VU030011.D (-1606) (-)

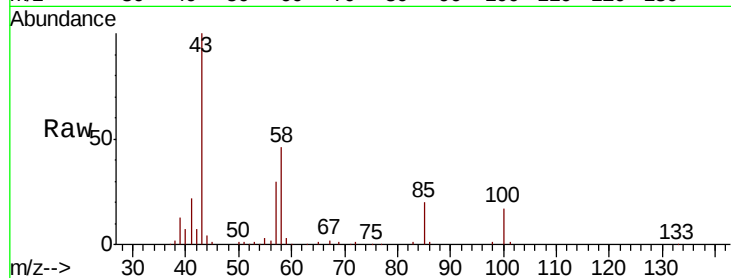




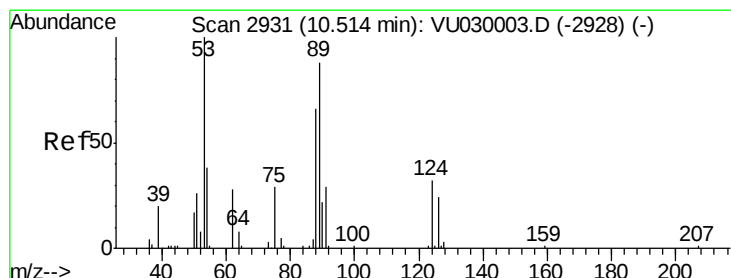
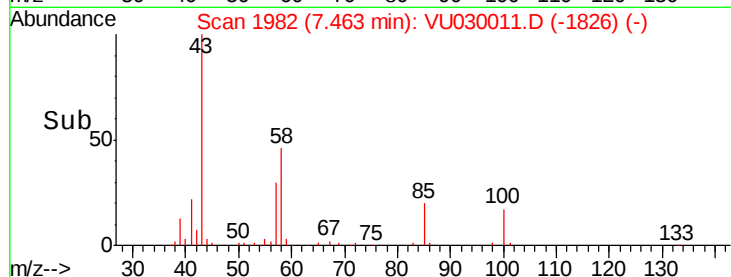
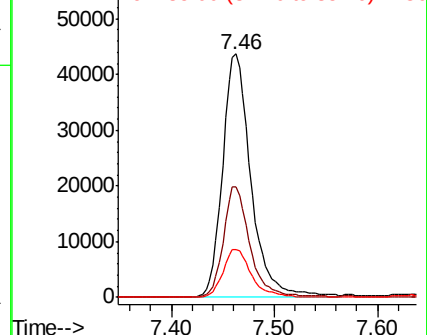
#45
4-Methyl-2-Pentanone
Concen: 9.340 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion: 43 Resp: 83932
Ion Ratio Lower Upper
43 100
58 42.4 21.6 64.6
85 19.7 16.3 24.5

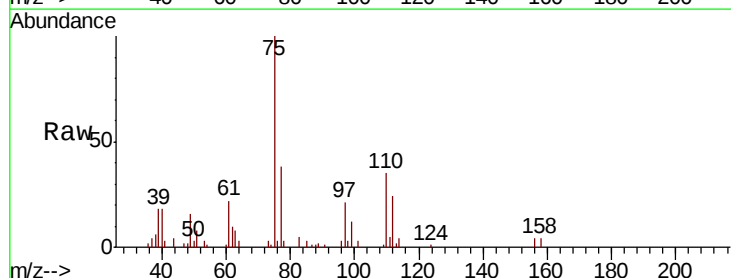


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

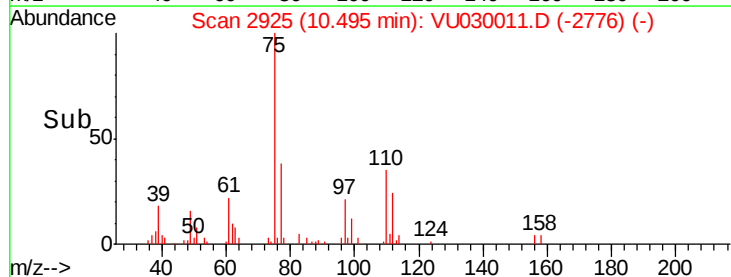
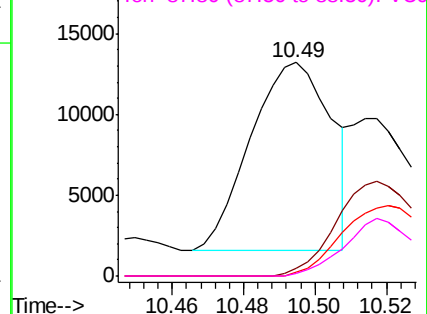


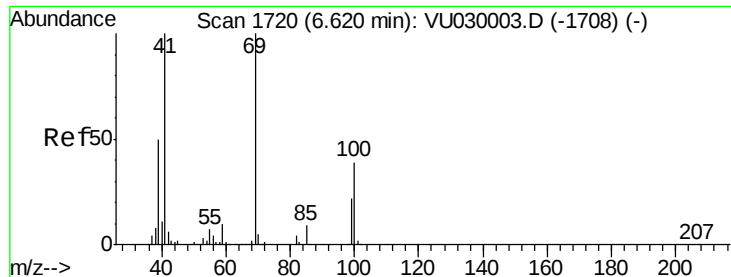
#46
t-1,4-Dichloro-2-butene
Concen: 5.158 ug/l
RT: 10.49 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 75 Resp: 18266
Ion Ratio Lower Upper
75 100
53 54.9 57.0 85.6#
89 41.9 43.6 65.4#
88 29.4 31.5 47.3#



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

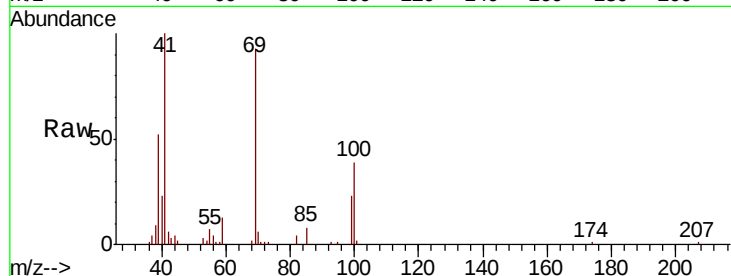




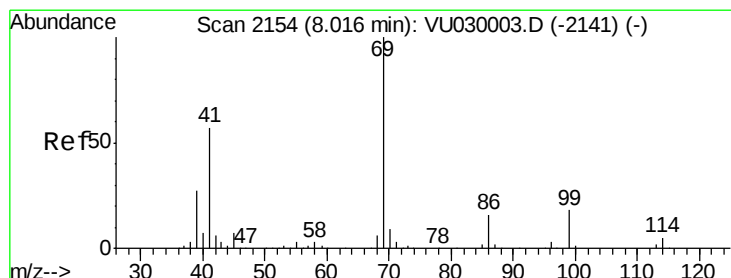
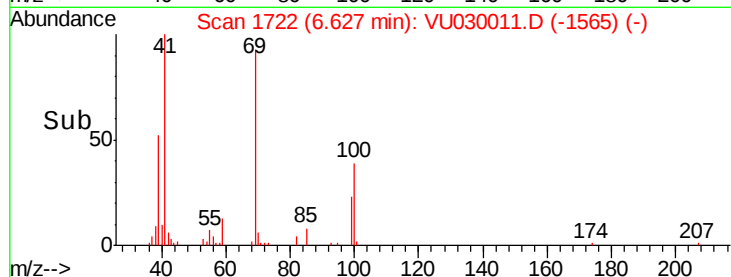
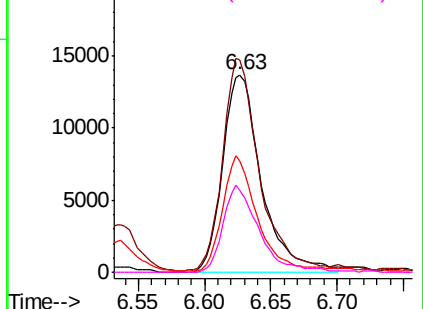
#47
Methyl methacrylate
Concen: 3.659 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.01 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion: 69 Resp: 27882
Ion Ratio Lower Upper
69 100
41 100.7 0.0 197.8
39 50.3 40.2 60.4
100 40.5 31.0 46.6

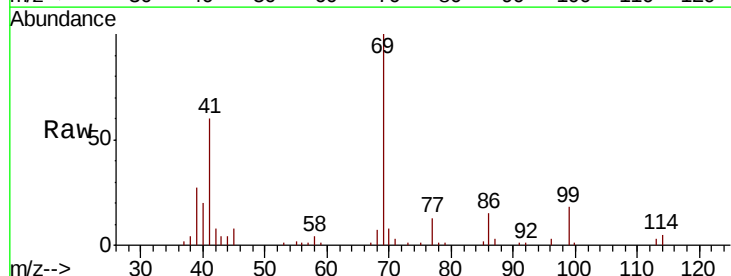


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

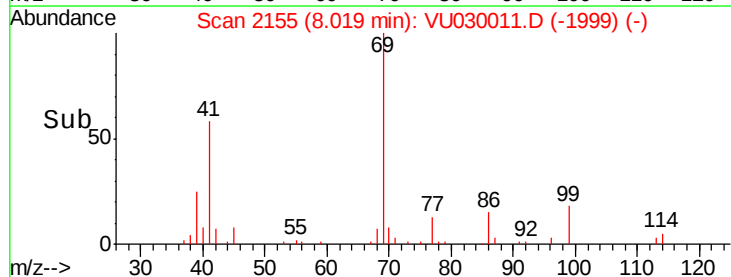
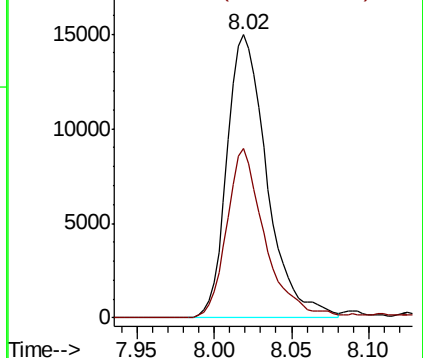


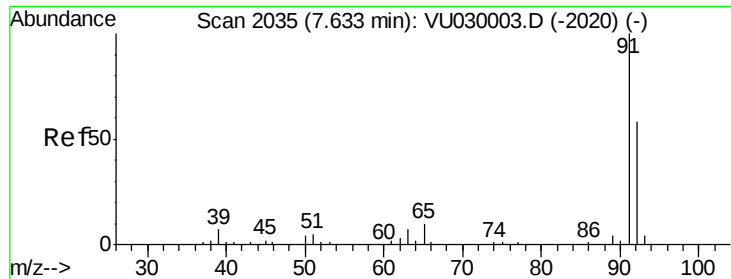
#48
Ethyl methacrylate
Concen: 1.867 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 69 Resp: 26830
Ion Ratio Lower Upper
69 100
41 57.2 28.1 84.4



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





#49

Toluene

Concen: 1.841 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

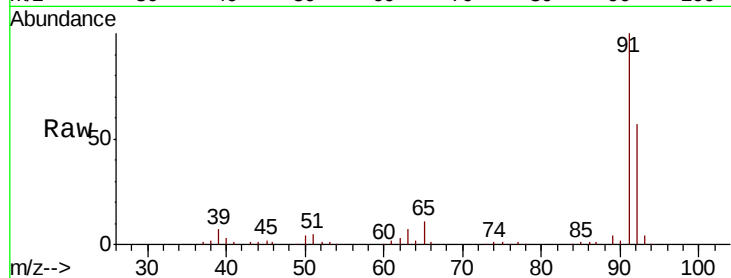
VU0314WBS01

Tgt Ion: 92 Resp: 76725

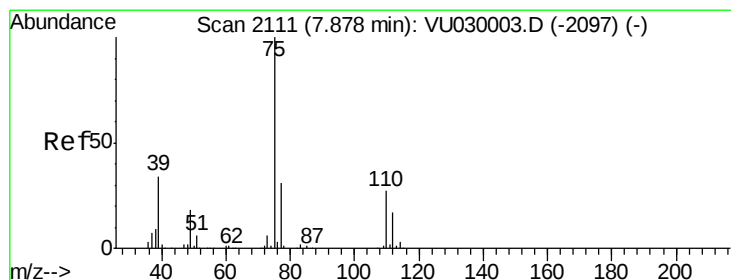
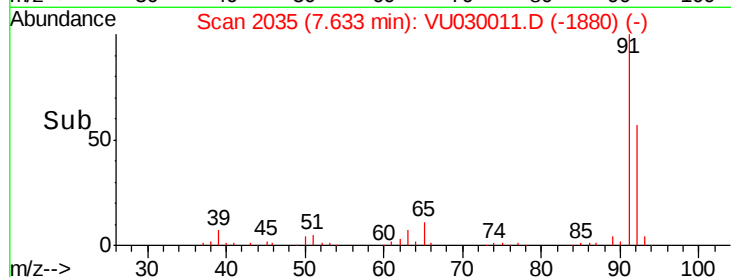
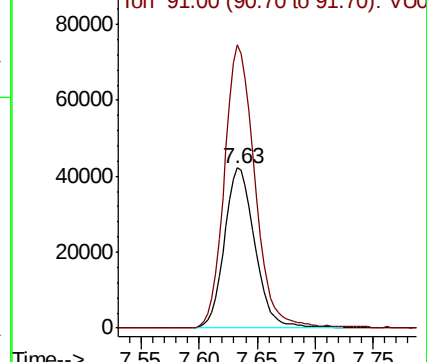
Ion Ratio Lower Upper

92 100

91 177.1 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VU030003.D (-2020) (-)



#50

t-1,3-Dichloropropene

Concen: 1.838 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU030011.D

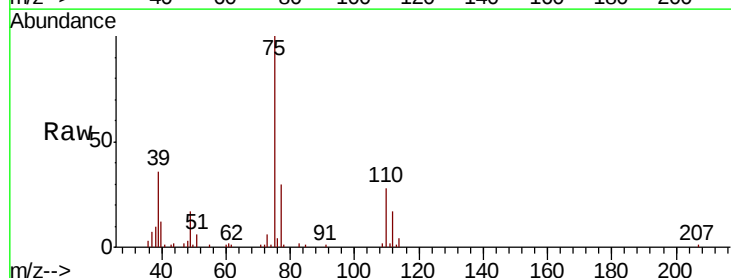
Acq: 12 Mar 2019 17:13

Tgt Ion: 75 Resp: 35712

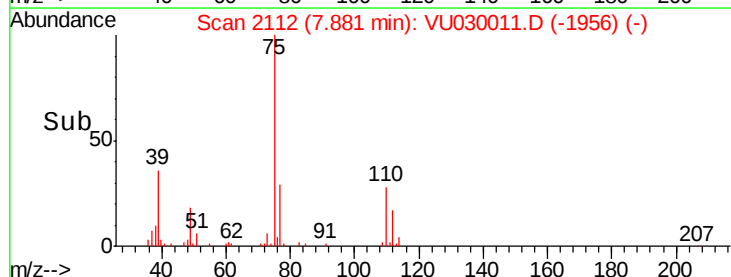
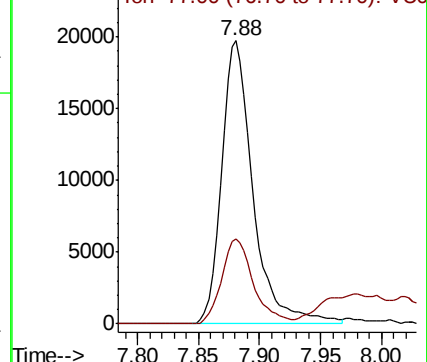
Ion Ratio Lower Upper

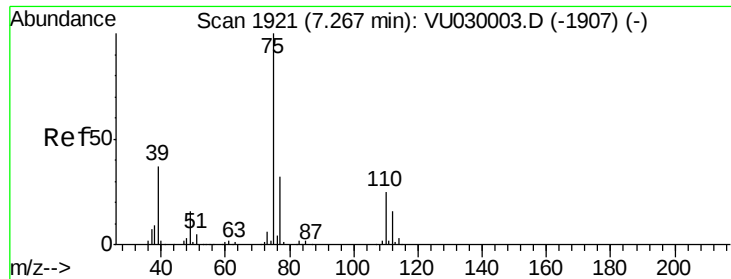
75 100

77 29.8 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VU030003.D (-2097) (-)



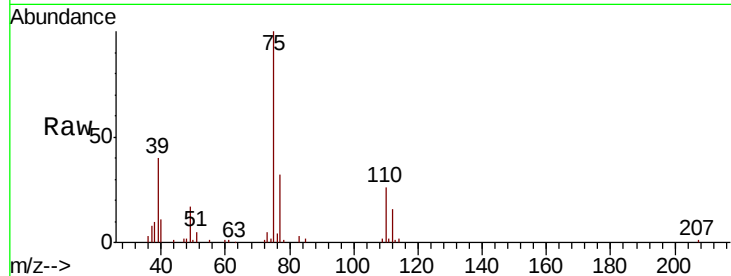


#51

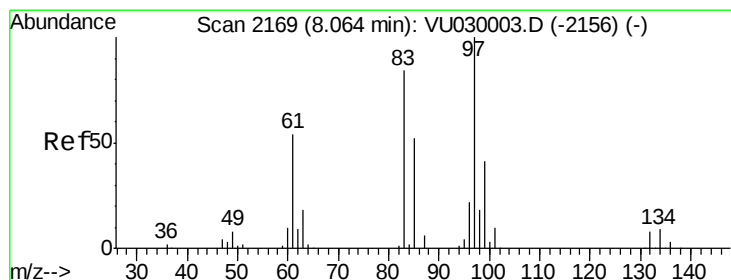
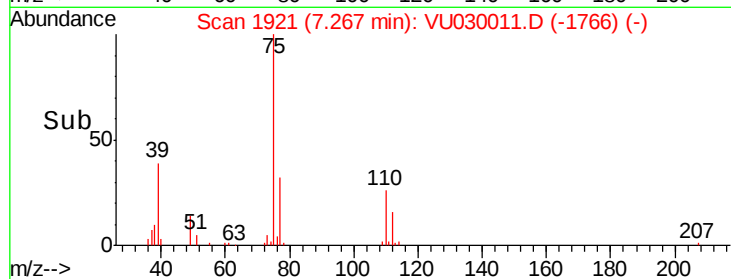
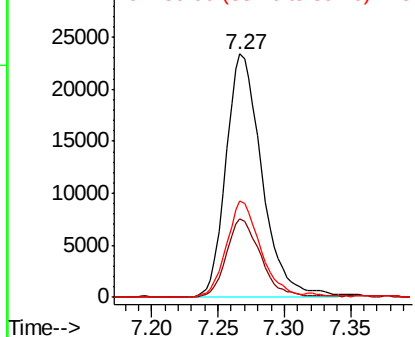
cis-1,3-Dichloropropene
Concen: 1.812 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion: 75 Resp: 44250
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
39 39.6 29.5 44.3



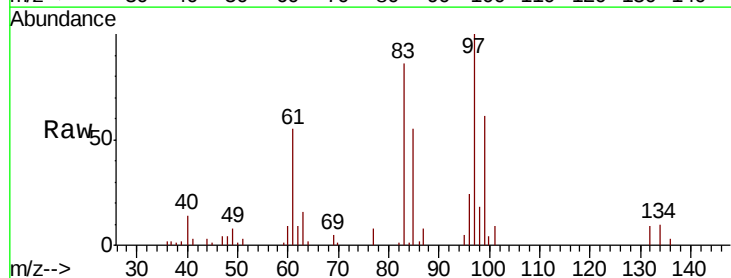
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



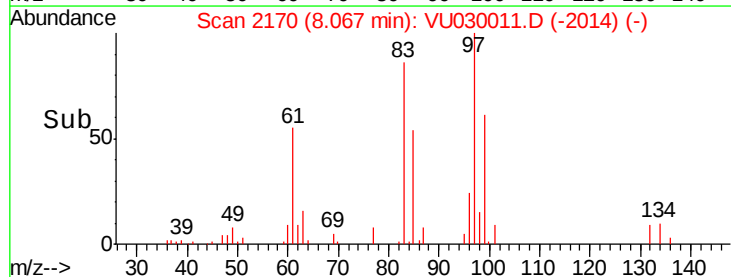
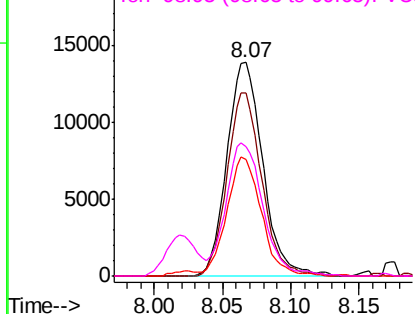
#52

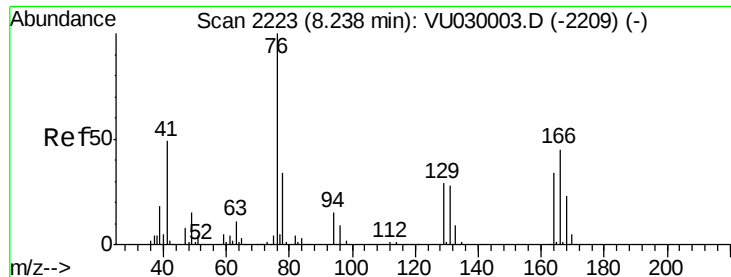
1,1,2-Trichloroethane
Concen: 1.969 ug/l
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 97 Resp: 25313
Ion Ratio Lower Upper
97 100
83 85.5 67.4 101.0
85 53.9 42.6 64.0
99 60.0 48.9 73.3



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

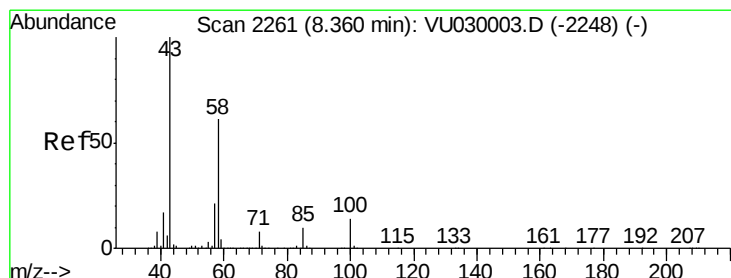
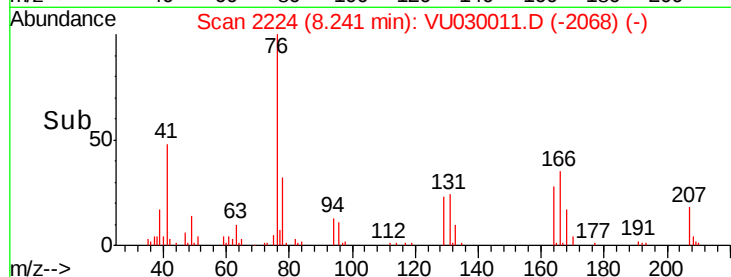
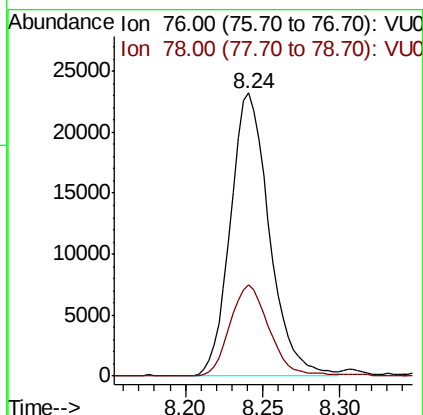
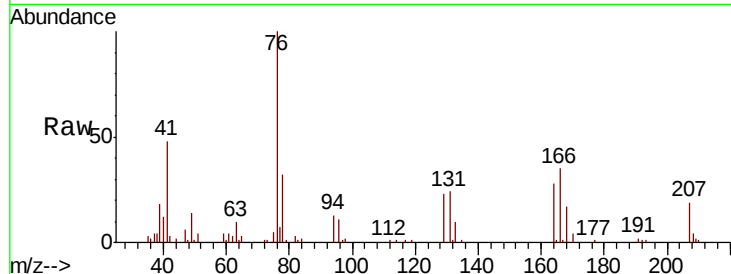




#53
 1,3-Dichloropropane
 Concen: 1.890 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

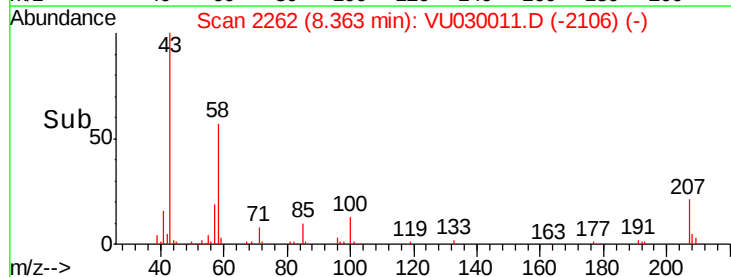
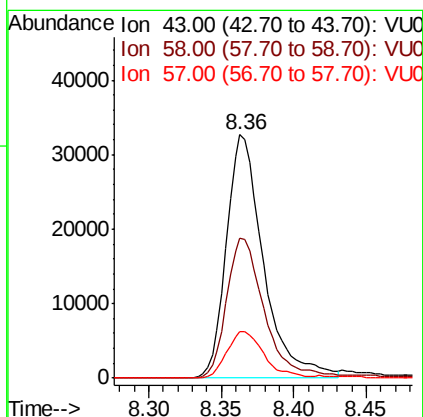
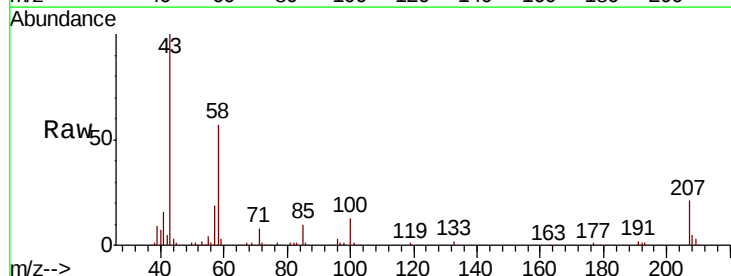
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

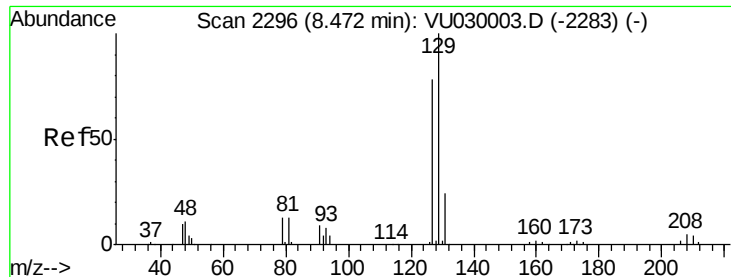
Tgt Ion: 76 Resp: 40635
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6



#54
 2-Hexanone
 Concen: 8.980 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 43 Resp: 58140
 Ion Ratio Lower Upper
 43 100
 58 58.8 40.3 80.3
 57 19.2 0.6 40.6

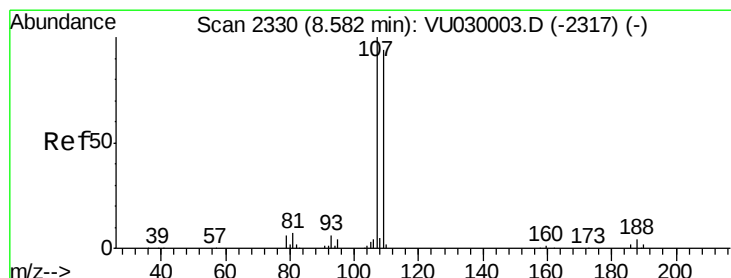
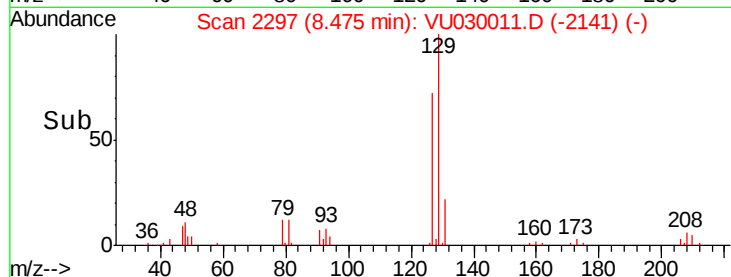
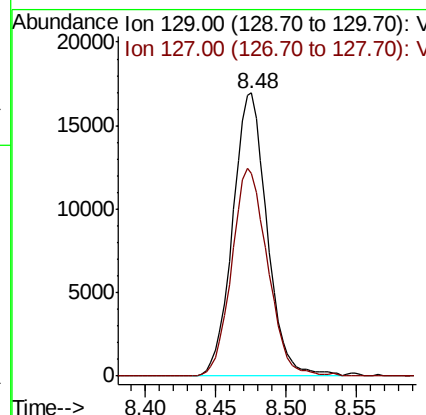
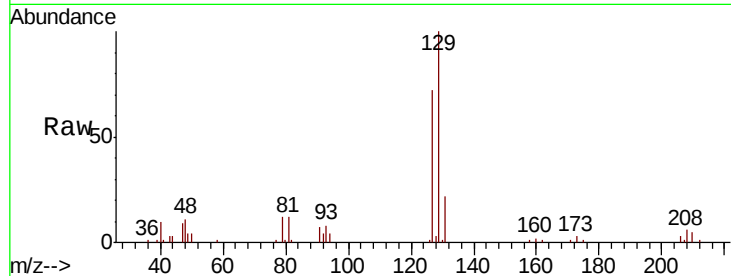




#55
 Dibromochloromethane
 Concen: 1.873 ug/l
 RT: 8.48 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

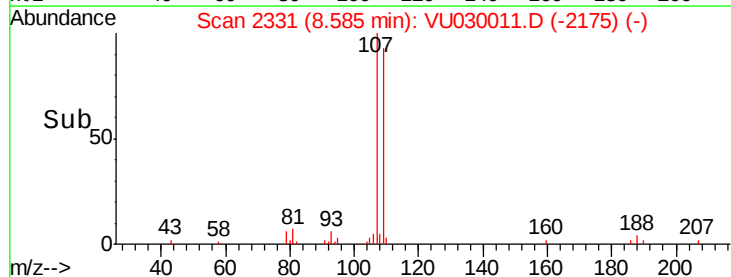
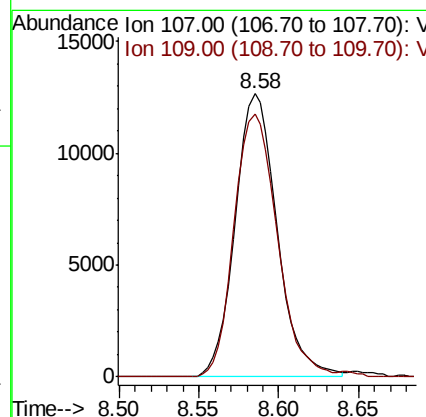
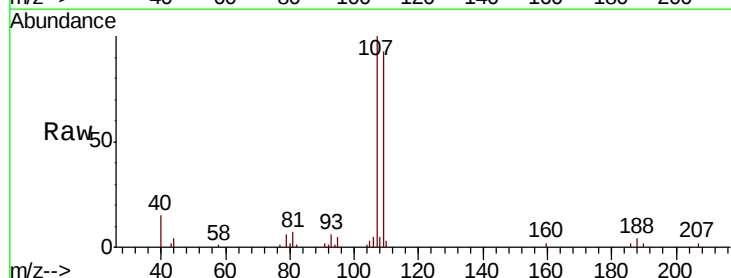
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

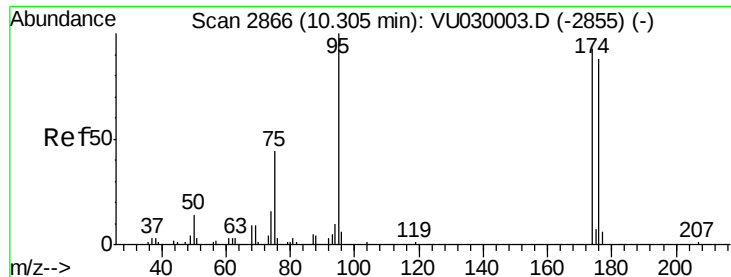
Tgt Ion:129 Resp: 28969
 Ion Ratio Lower Upper
 129 100
 127 76.4 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.826 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion:107 Resp: 22598
 Ion Ratio Lower Upper
 107 100
 109 95.8 0.0 186.8

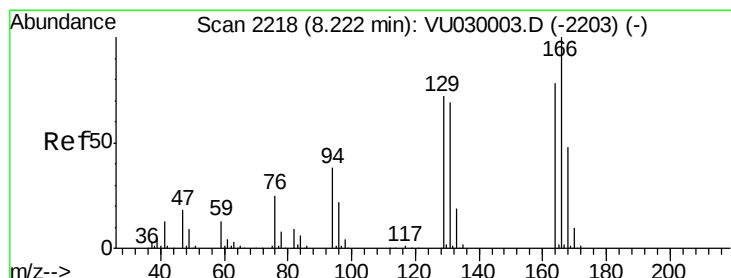
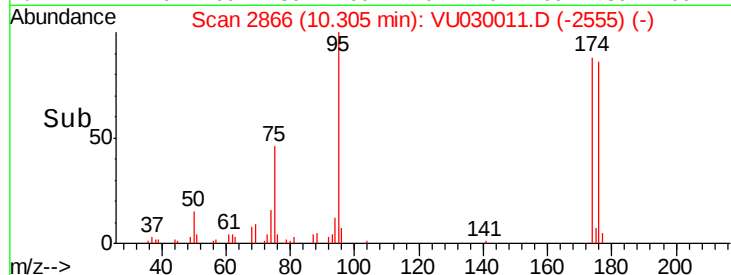
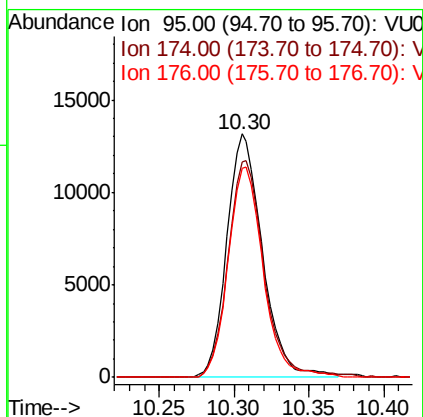
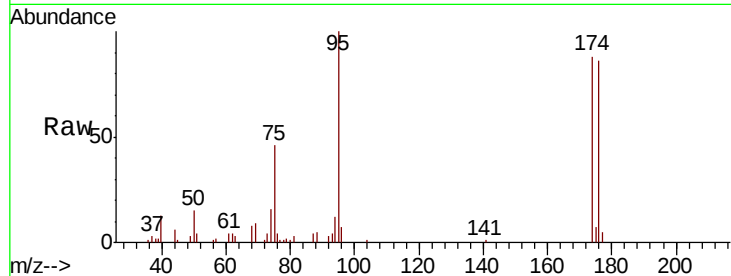




#57
4-Bromofluorobenzene
Concen: 1.826 ug/l
RT: 10.30 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

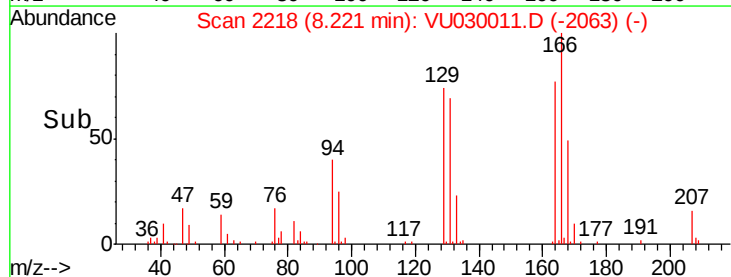
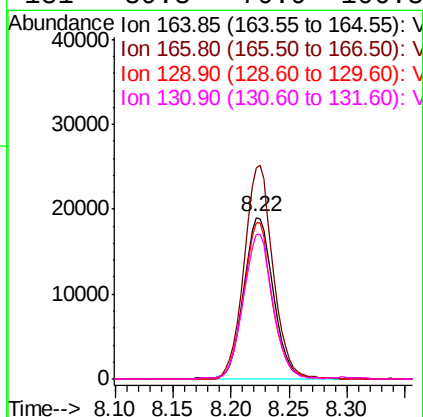
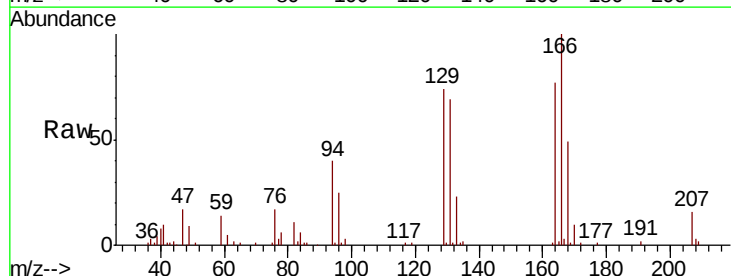
Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

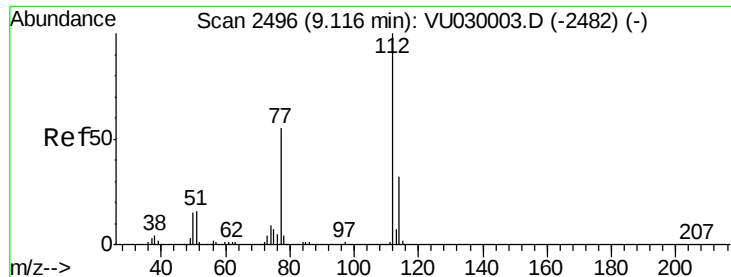
Tgt Ion: 95 Resp: 21815
Ion Ratio Lower Upper
95 100
174 89.9 78.1 117.1
176 85.2 70.8 106.2



#58
Tetrachloroethene
Concen: 1.883 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 164 Resp: 34062
Ion Ratio Lower Upper
164 100
166 130.1 103.2 154.8
129 96.3 74.5 111.7
131 89.3 70.9 106.3





#59

Chlorobenzene

Concen: 1.825 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

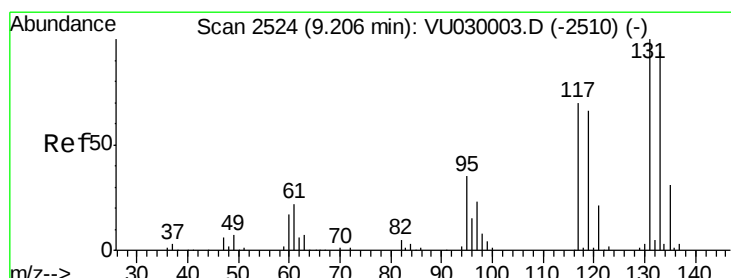
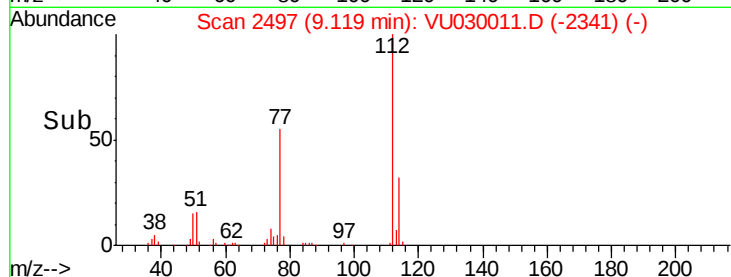
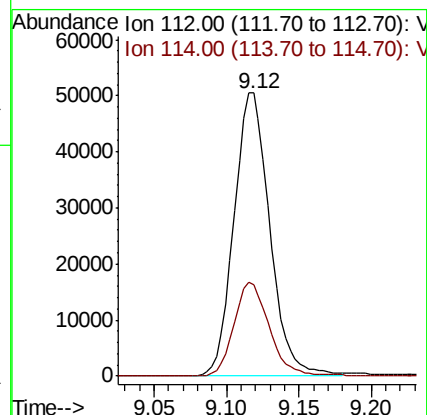
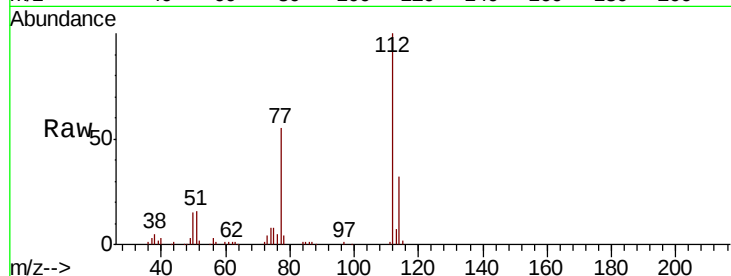
VU0314WBS01

Tgt Ion:112 Resp: 86911

Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 1.843 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

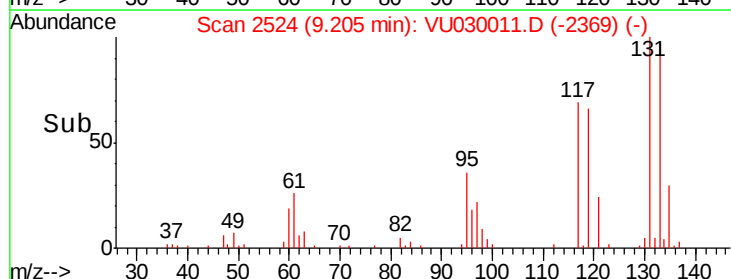
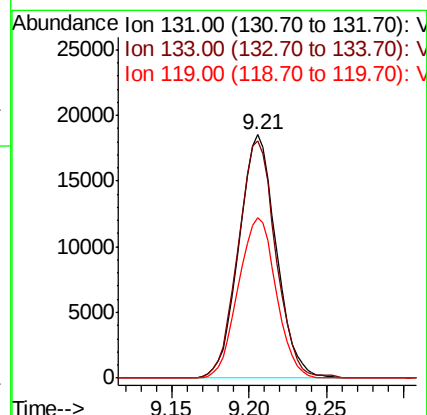
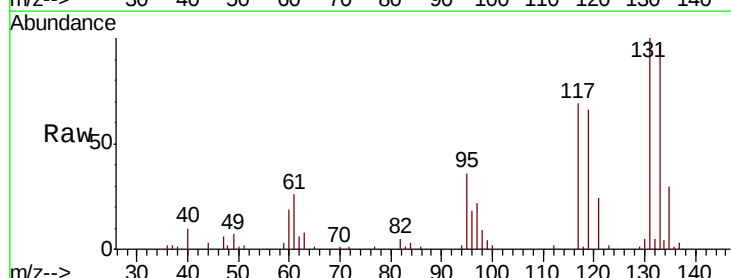
Tgt Ion:131 Resp: 30989

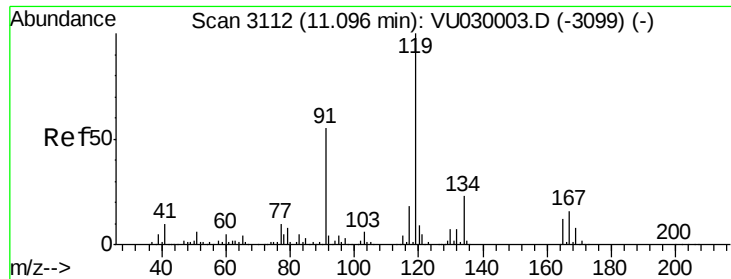
Ion Ratio Lower Upper

131 100

133 98.8 75.6 113.4

119 66.7 53.3 79.9





#61

Pentachloroethane

Concen: 1.828 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

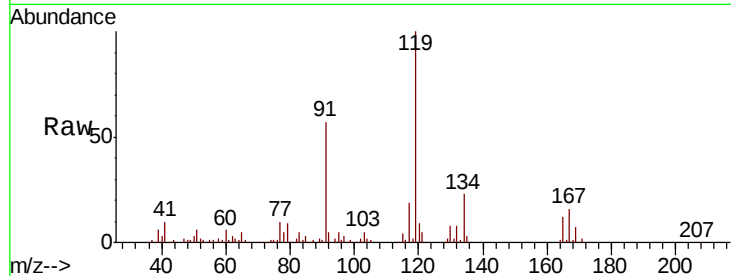
VU0314WBS01

Tgt Ion:117 Resp: 23729

Ion Ratio Lower Upper

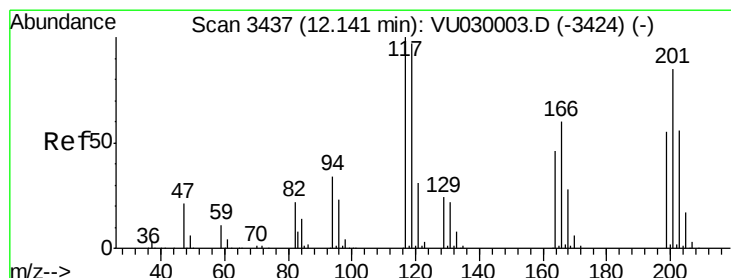
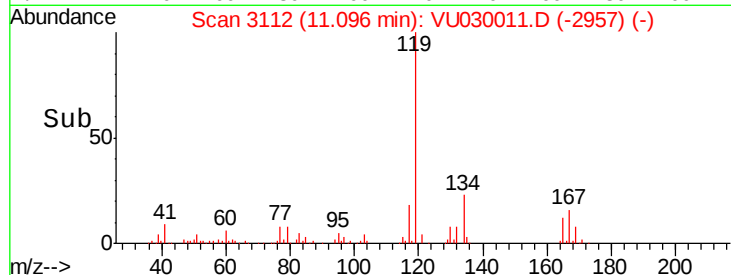
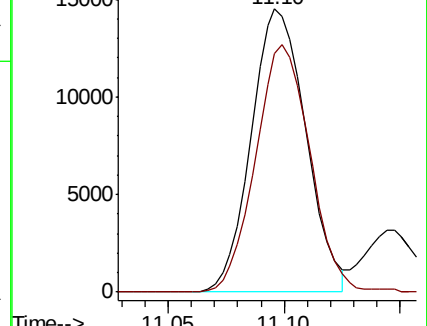
117 100

167 86.8 73.1 109.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.806 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU030011.D

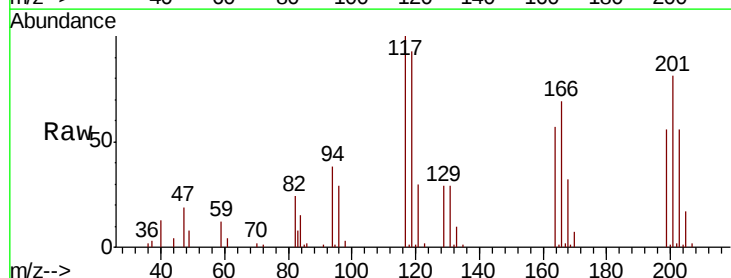
Acq: 12 Mar 2019 17:13

Tgt Ion:117 Resp: 23613

Ion Ratio Lower Upper

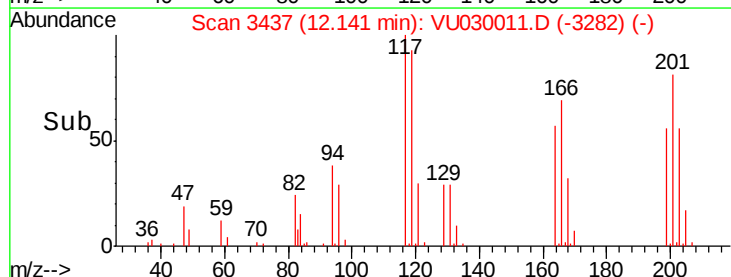
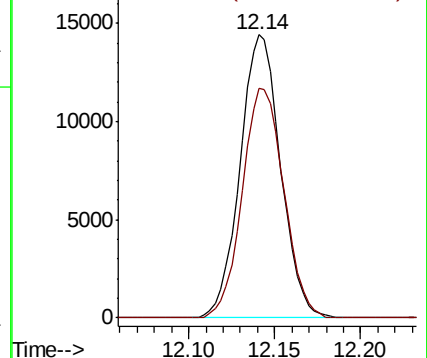
117 100

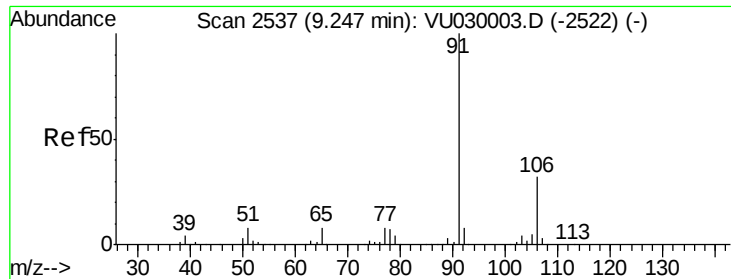
201 83.1 69.5 104.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

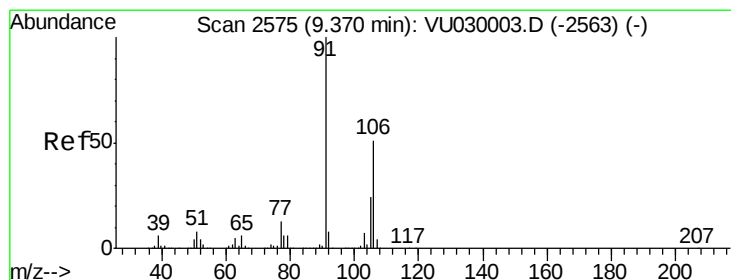
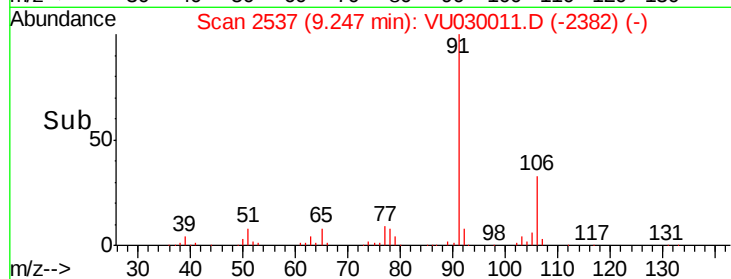
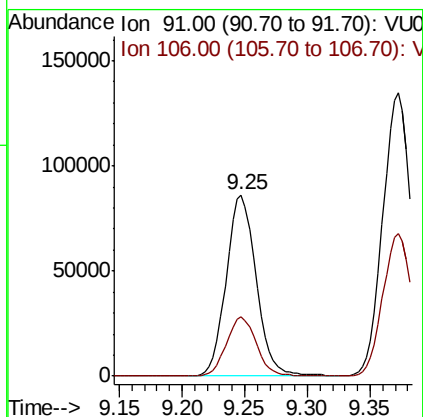
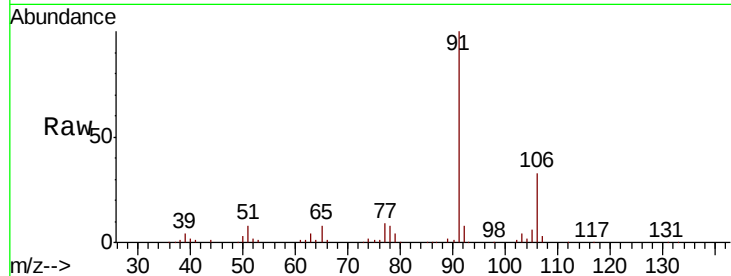




#63
Ethyl Benzene
Concen: 1.835 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

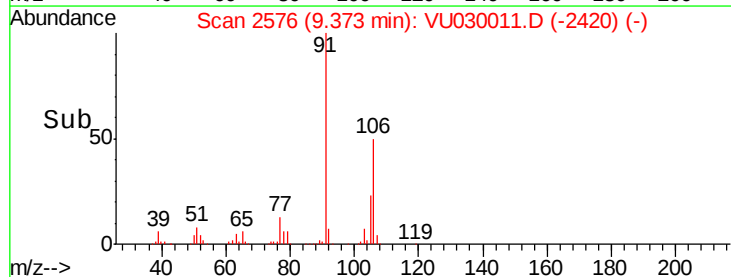
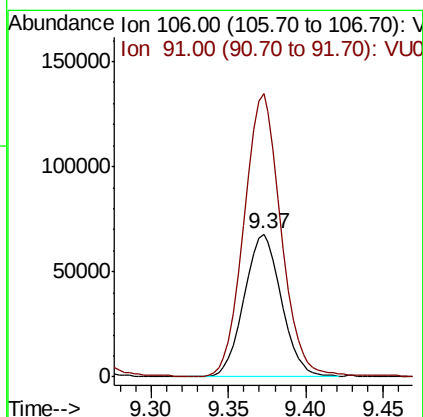
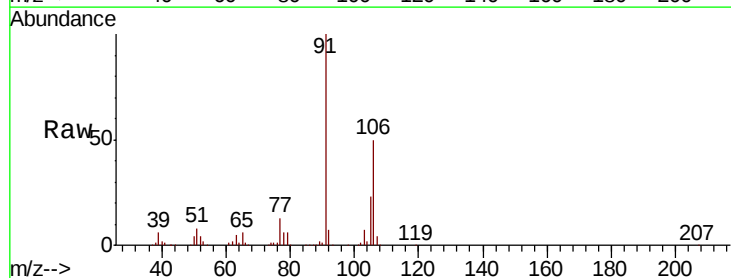
Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

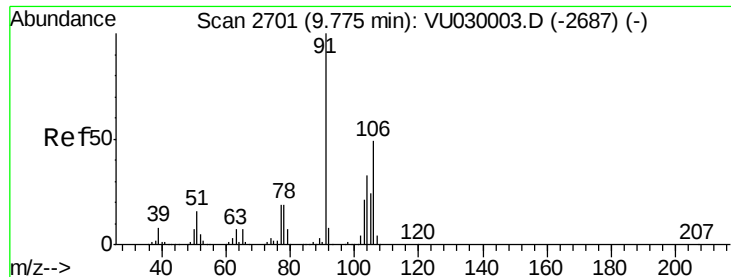
Tgt Ion: 91 Resp: 143456
Ion Ratio Lower Upper
91 100
106 32.7 25.7 38.5



#64
m/p-Xylenes
Concen: 3.695 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion: 106 Resp: 113673
Ion Ratio Lower Upper
106 100
91 197.9 157.9 236.9

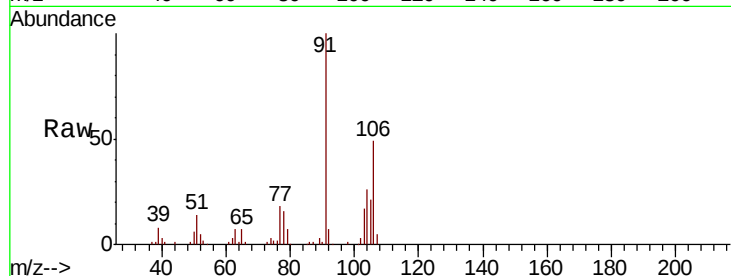




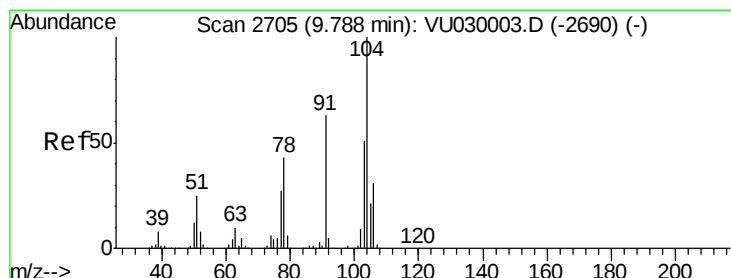
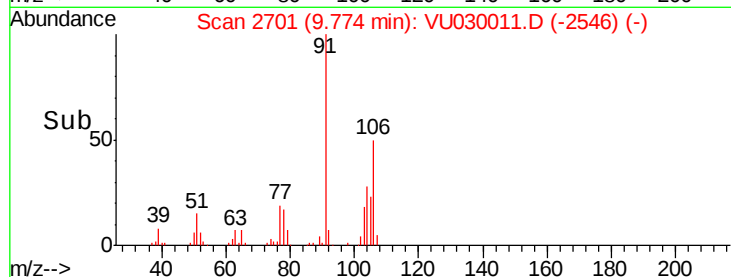
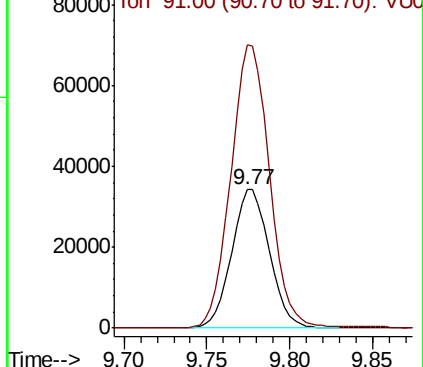
#65
o-Xylene
Concen: 1.801 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion:106 Resp: 54361
Ion Ratio Lower Upper
106 100
91 208.8 103.2 309.4

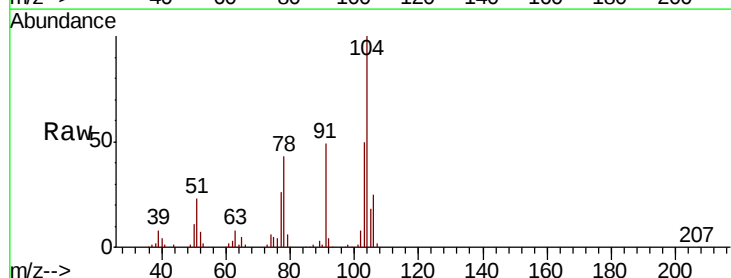


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

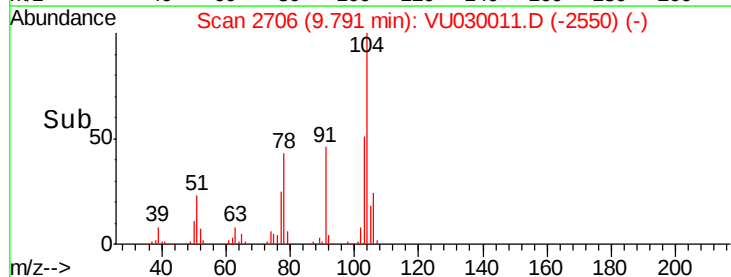
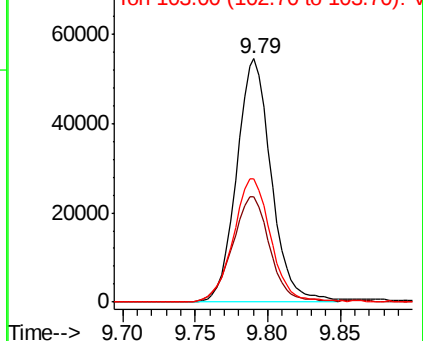


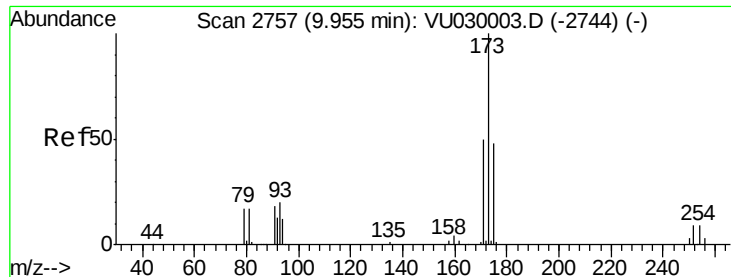
#66
Styrene
Concen: 1.835 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion:104 Resp: 90750
Ion Ratio Lower Upper
104 100
78 46.6 37.0 55.4
103 54.6 43.8 65.6



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

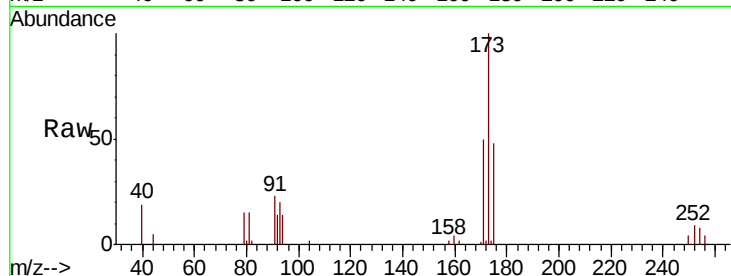




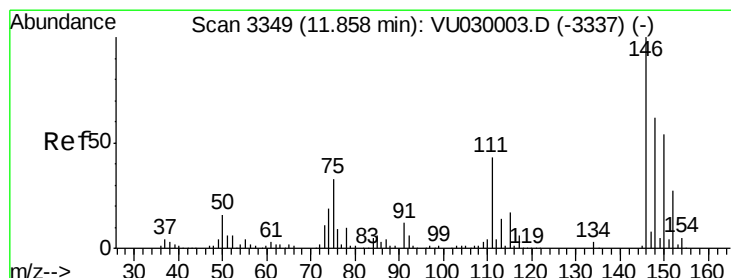
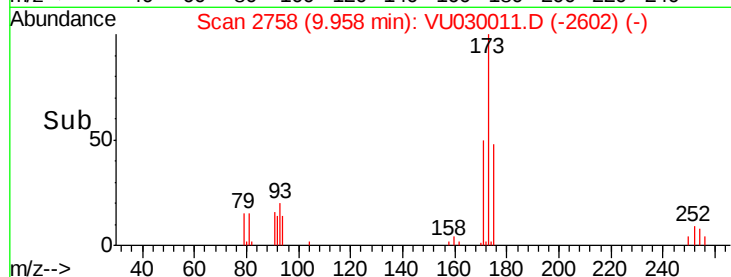
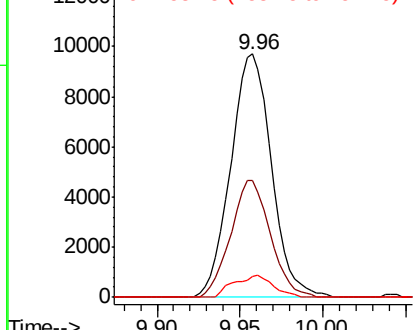
#67
Bromoform
Concen: 1.876 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Tgt Ion:173 Resp: 16590
Ion Ratio Lower Upper
173 100
175 46.7 39.0 58.4
254 8.7 7.0 10.4

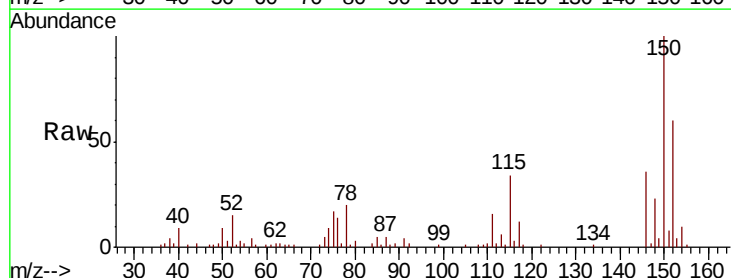


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

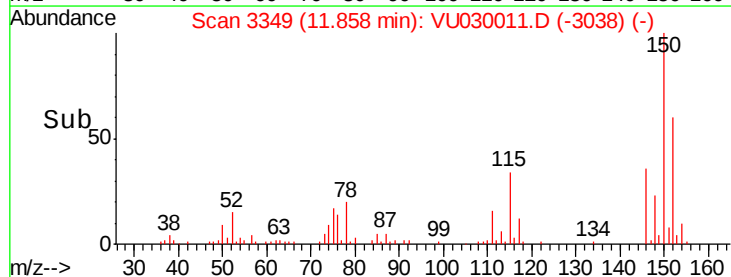
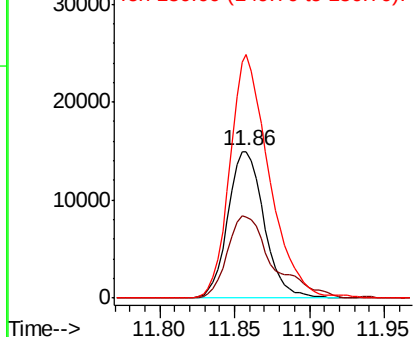


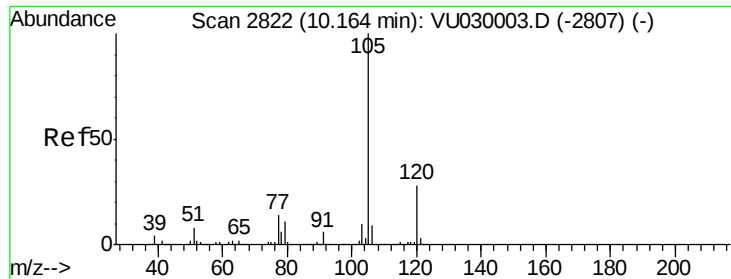
#68
1,2-Dichlorobenzene-d4
Concen: 1.876 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU030011.D
Acq: 12 Mar 2019 17:13

Tgt Ion:152 Resp: 25159
Ion Ratio Lower Upper
152 100
115 70.2 0.0 126.8
150 179.6 0.0 634.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.851 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

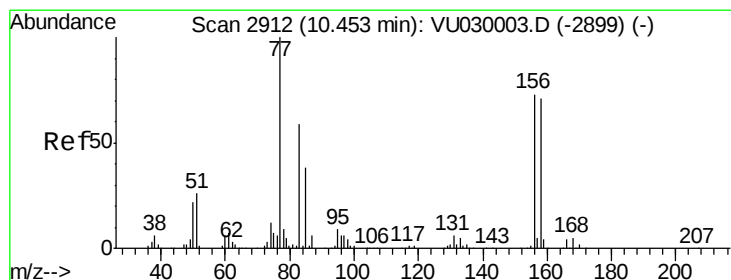
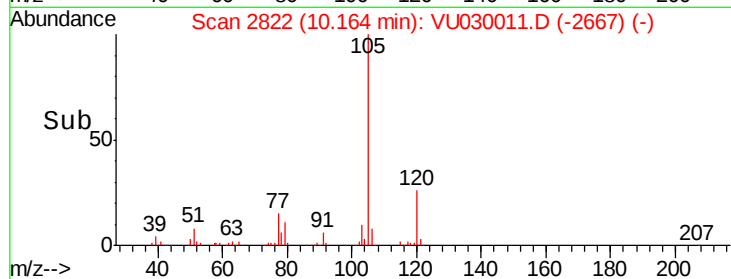
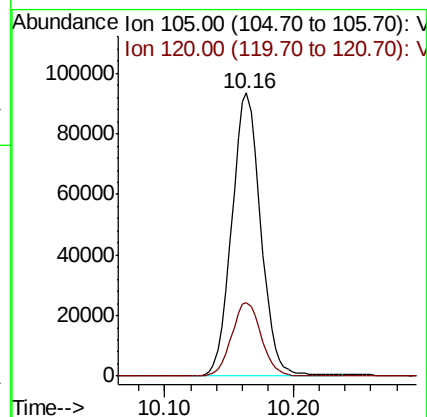
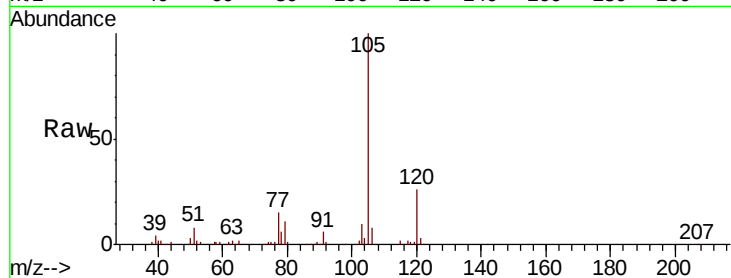
VU0314WBS01

Tgt Ion:105 Resp: 145649

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.975 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

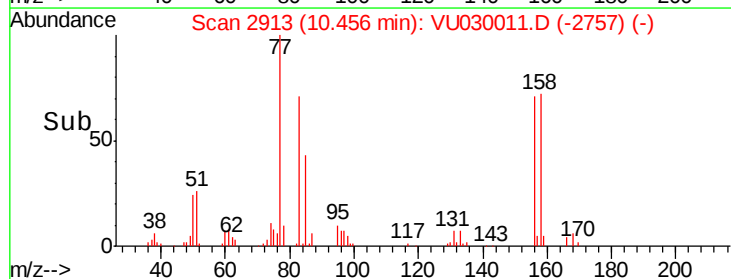
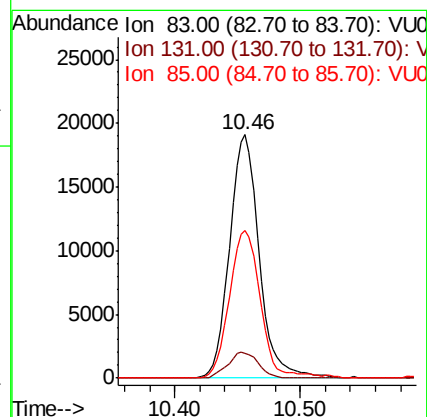
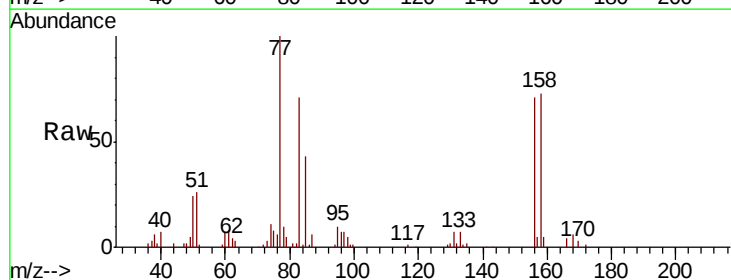
Tgt Ion: 83 Resp: 31296

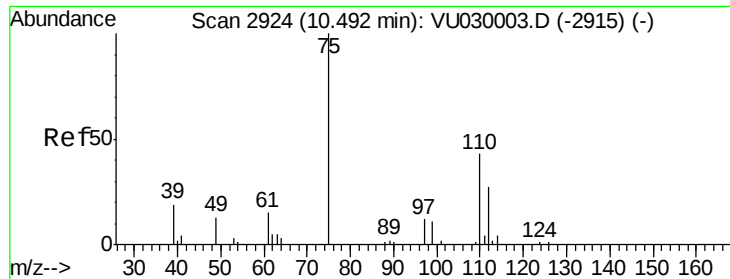
Ion Ratio Lower Upper

83 100

131 10.7 8.4 12.6

85 63.3 52.6 78.8

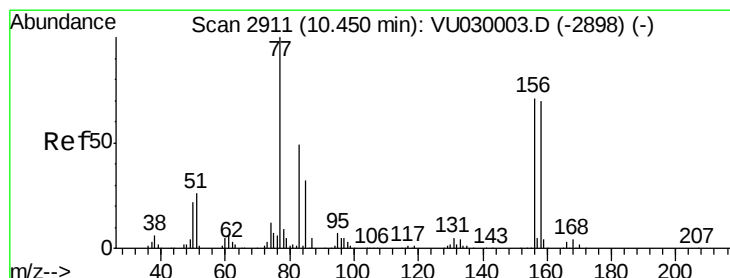
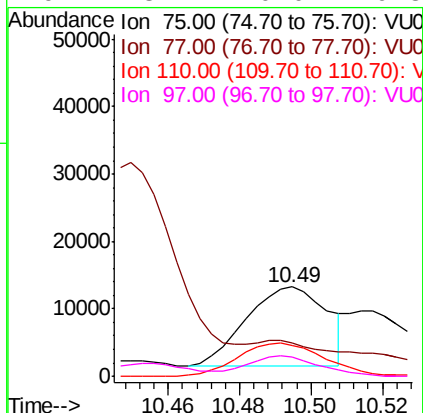
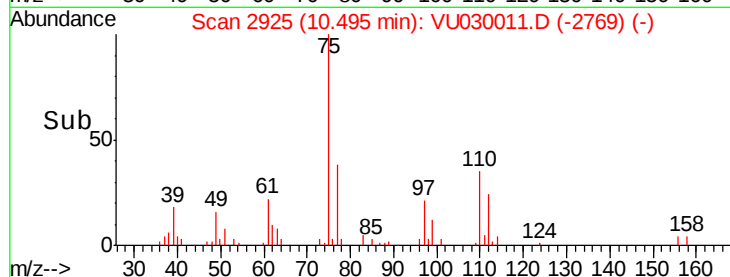
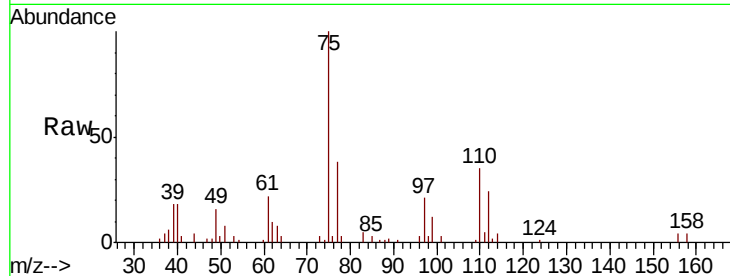




#71
 1,2,3-Trichloropropane
 Concen: 1.533 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

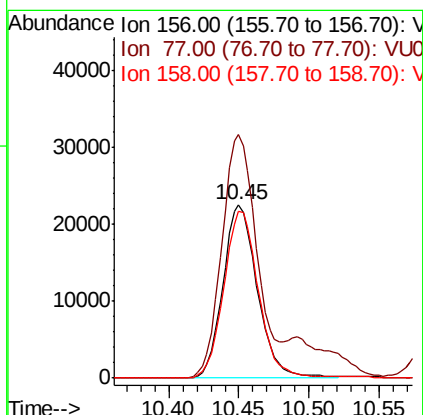
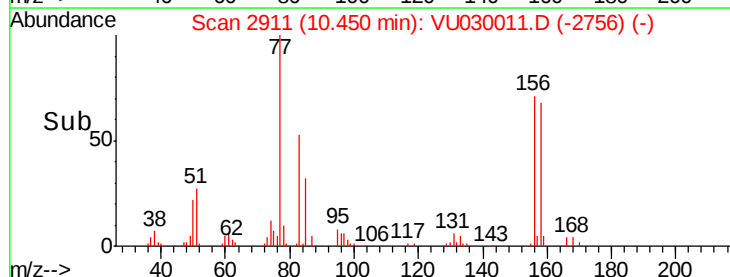
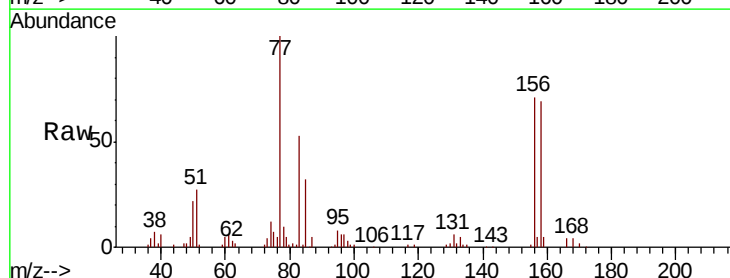
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

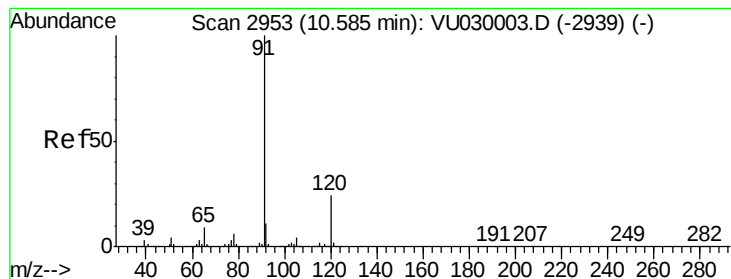
Tgt Ion:	75	Resp:	18266
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.8
110	45.7	0.0	76.8
97	23.1	0.0	40.8



#72
 Bromobenzene
 Concen: 1.864 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion:	156	Resp:	38453
Ion	Ratio	Lower	Upper
156	100		
77	141.7	0.0	278.6
158	97.4	0.0	195.2





#73

n-propylbenzene

Concen: 1.835 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

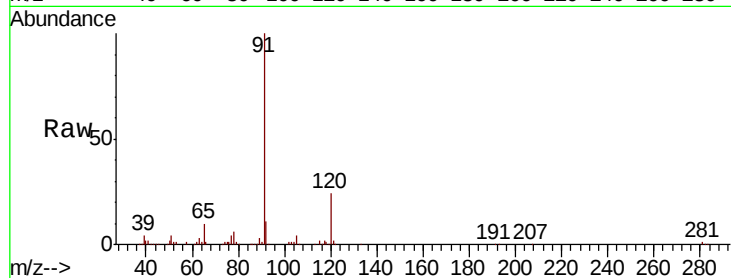
VU0314WBS01

Tgt Ion:120 Resp: 40954

Ion Ratio Lower Upper

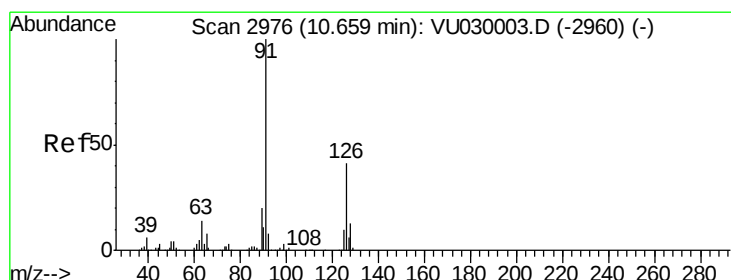
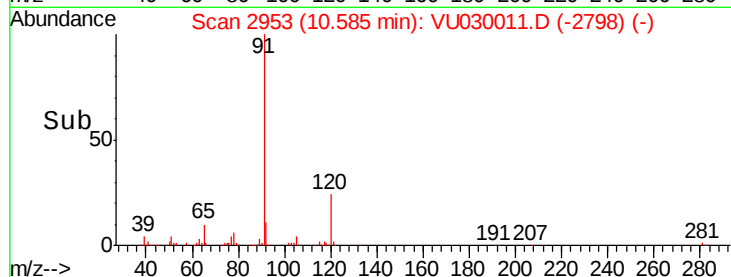
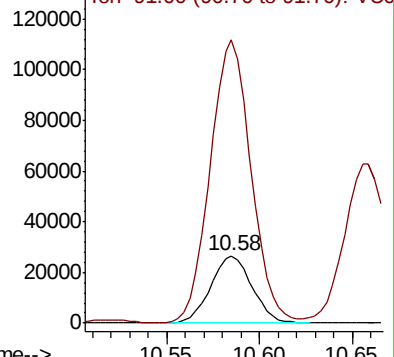
120 100

91 417.4 335.4 503.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.936 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. -0.00 min

Lab File: VU030011.D

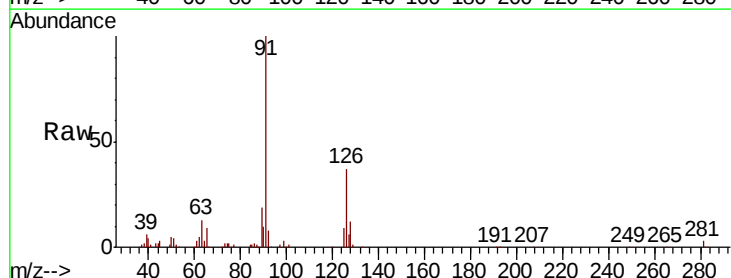
Acq: 12 Mar 2019 17:13

Tgt Ion:126 Resp: 37848

Ion Ratio Lower Upper

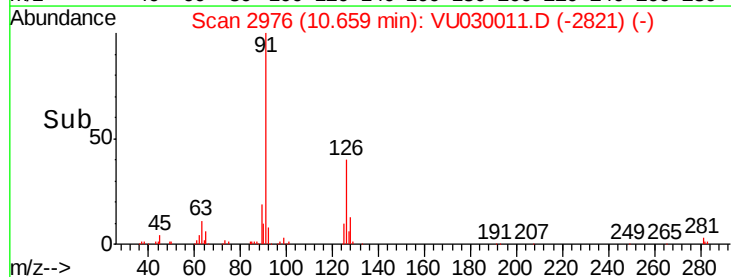
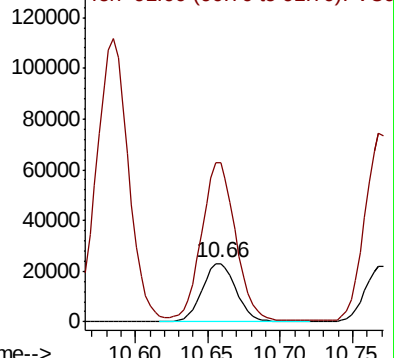
126 100

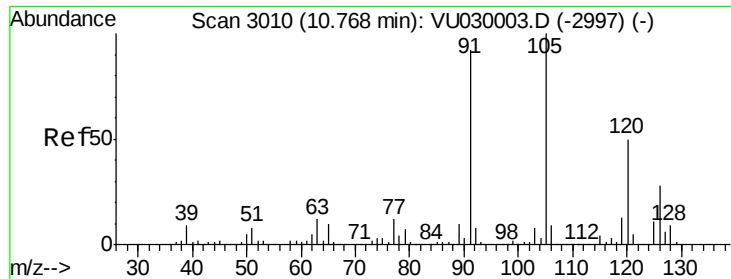
91 267.4 0.0 561.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.834 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

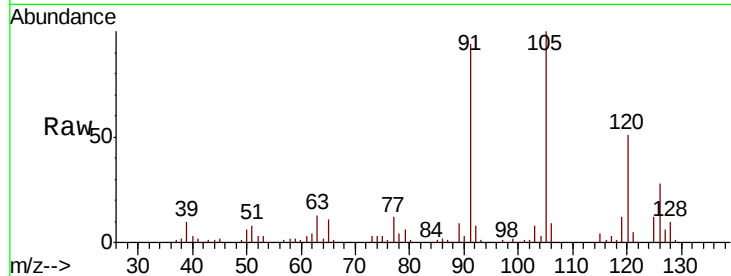
VU0314WBS01

Tgt Ion:105 Resp: 122920

Ion Ratio Lower Upper

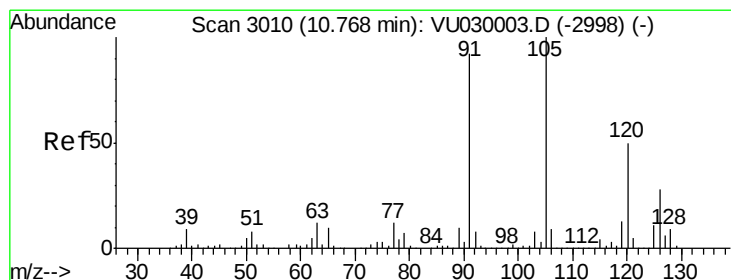
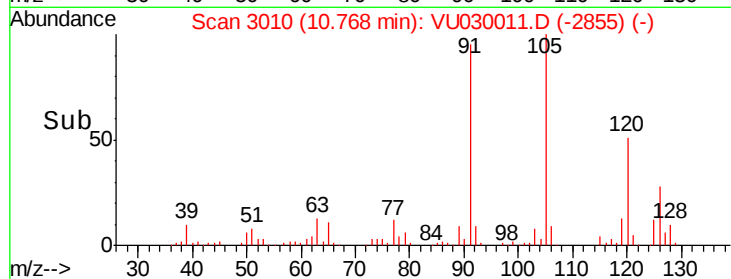
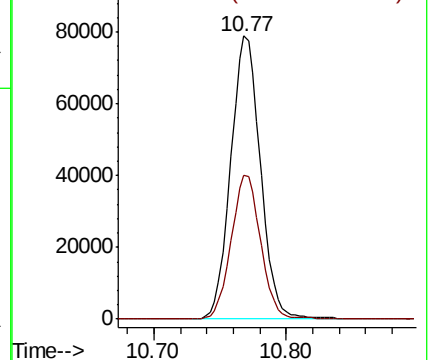
105 100

120 50.4 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.858 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU030011.D

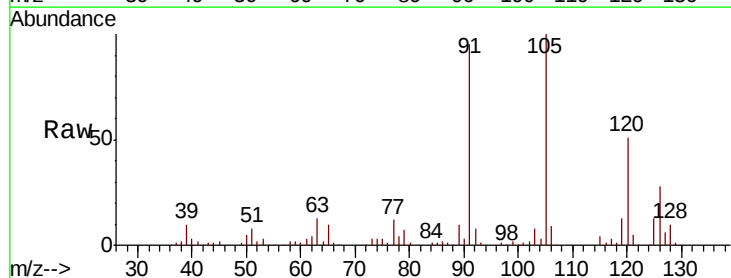
Acq: 12 Mar 2019 17:13

Tgt Ion:126 Resp: 37077

Ion Ratio Lower Upper

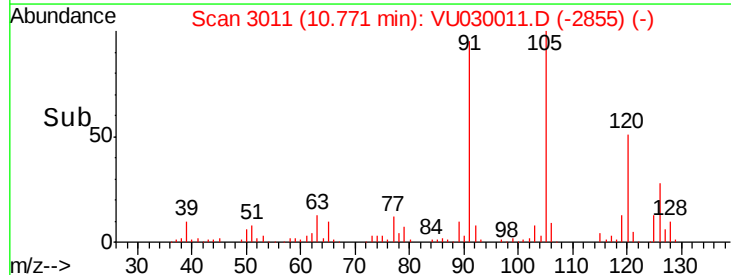
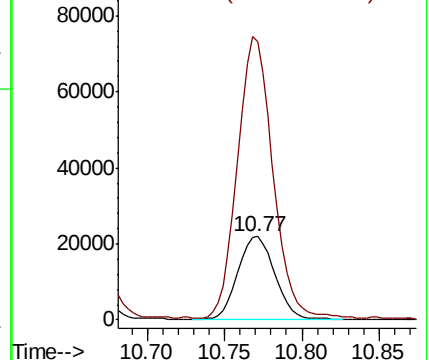
126 100

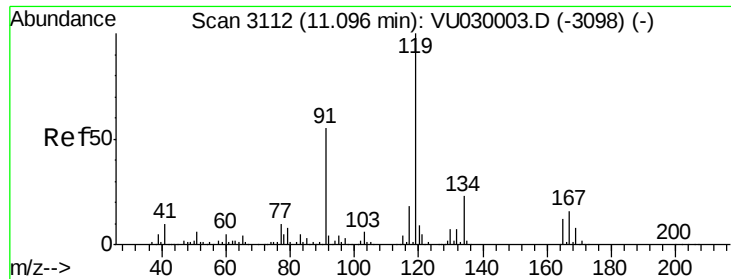
91 316.7 0.0 641.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

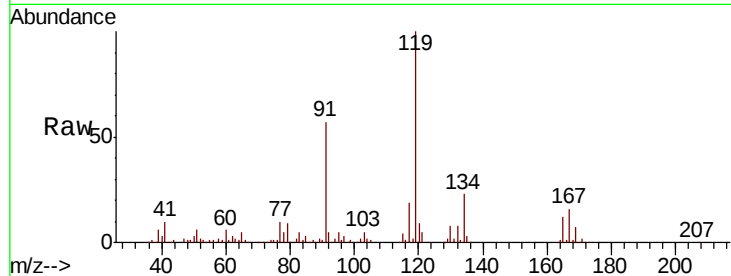




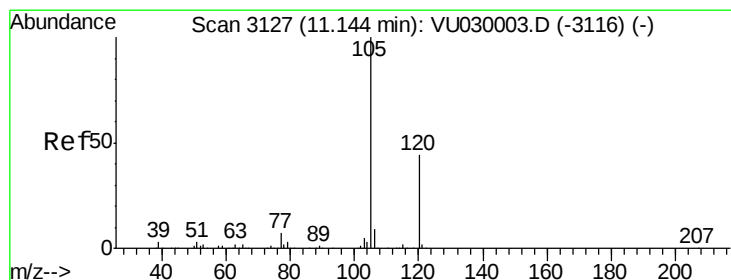
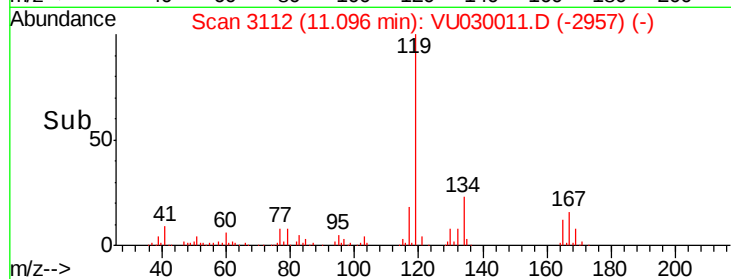
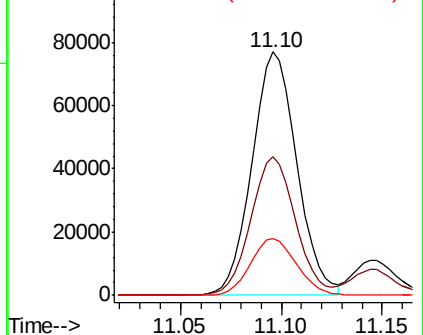
#77
 tert-Butylbenzene
 Concen: 1.829 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion:119 Resp: 120035
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.6 82.8
 134 24.0 18.7 28.1

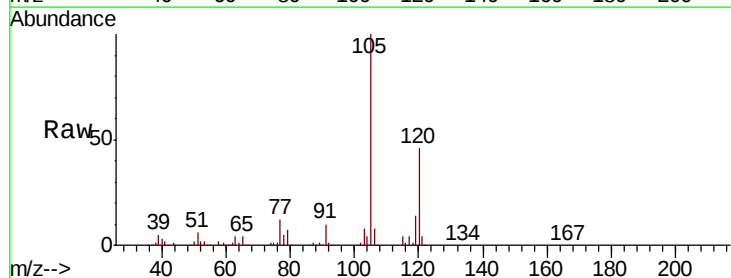


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

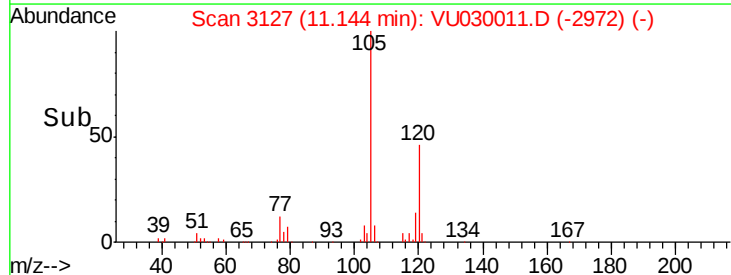
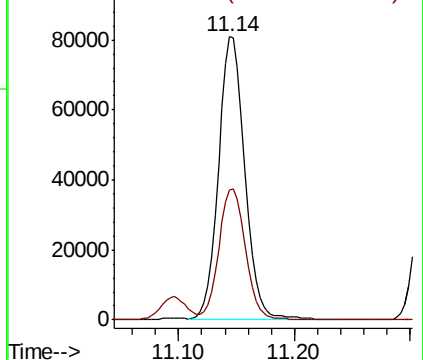


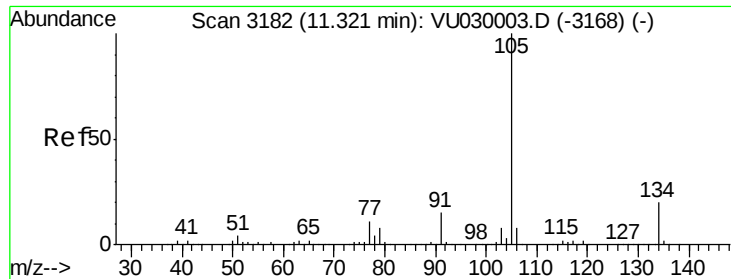
#78
 1,2,4-Trimethylbenzene
 Concen: 1.859 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion:105 Resp: 126752
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

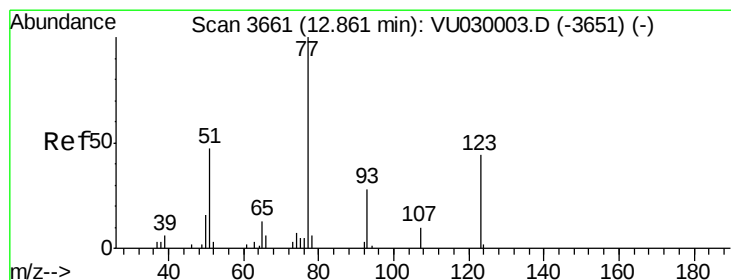
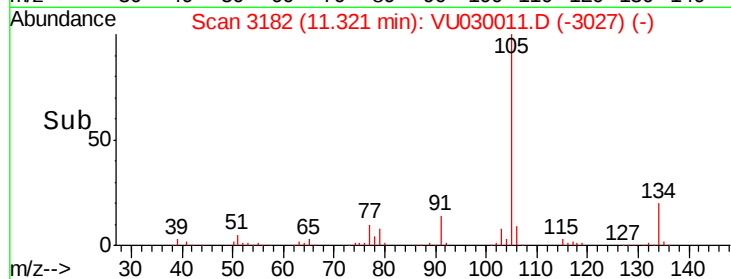
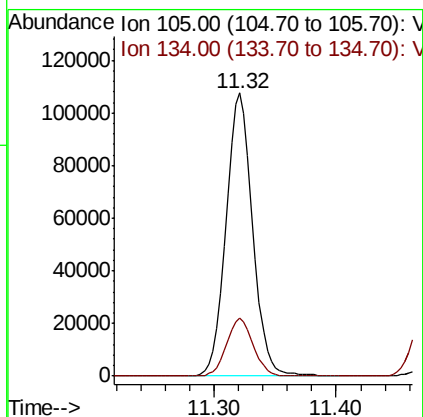
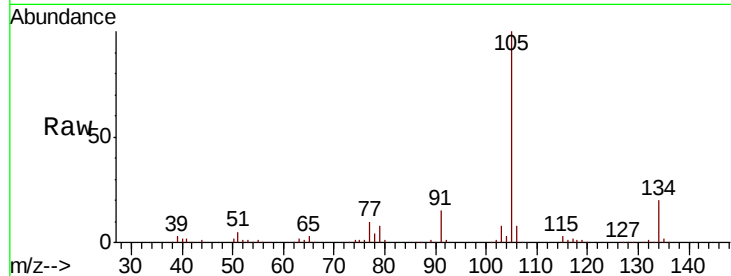




#79
 sec-Butylbenzene
 Concen: 1.869 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

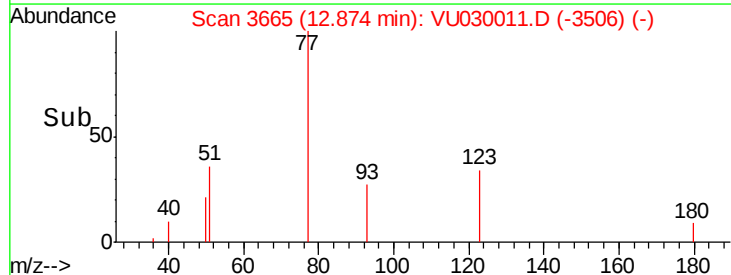
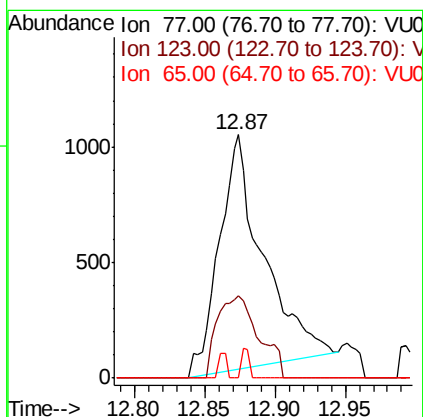
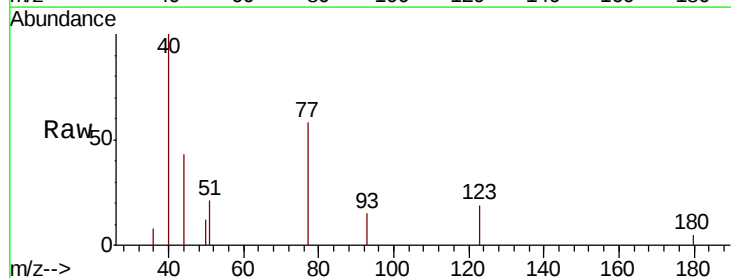
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

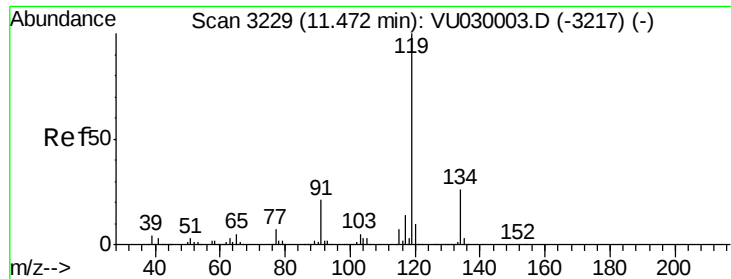
Tgt Ion: 105 Resp: 164260
 Ion Ratio Lower Upper
 105 100
 134 20.5 16.1 24.1



#80
 Nitrobenzene
 Concen: 7.779 ug/l
 RT: 12.87 min Scan# 3665
 Delta R.T. 0.01 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 77 Resp: 2202
 Ion Ratio Lower Upper
 77 100
 123 33.1 19.9 70.5
 65 2.2 10.8 13.8#

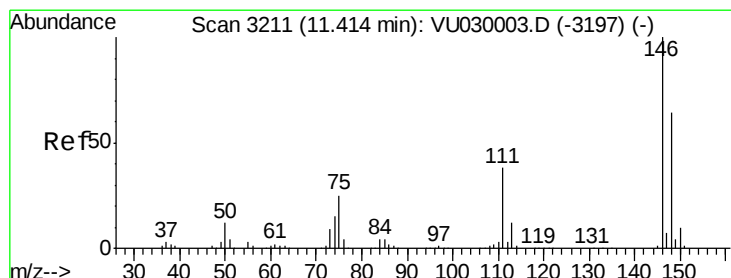
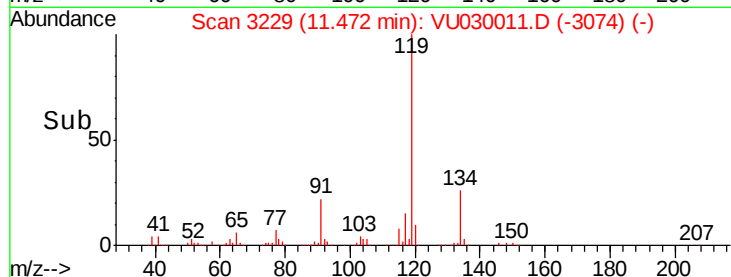
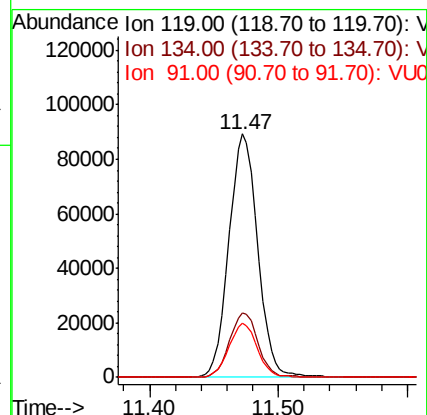
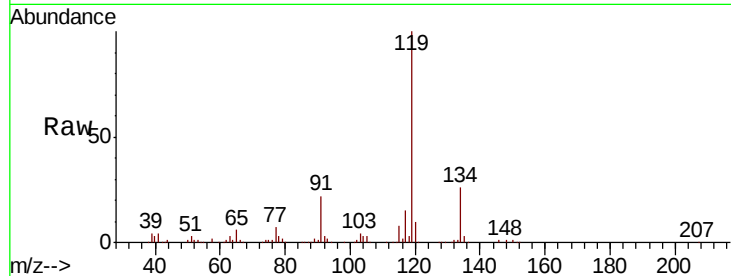




#81
 p-Isopropyltoluene
 Concen: 1.871 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

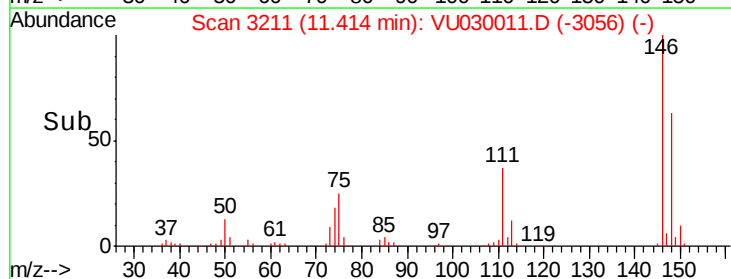
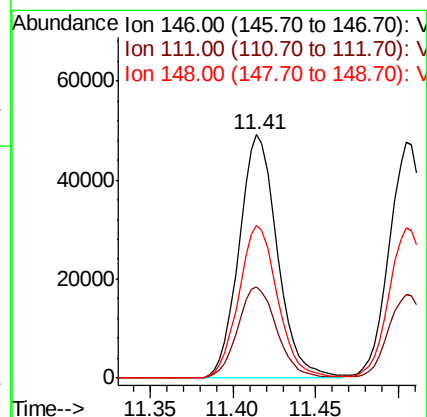
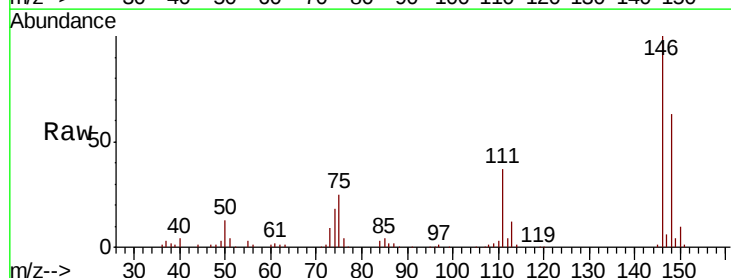
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

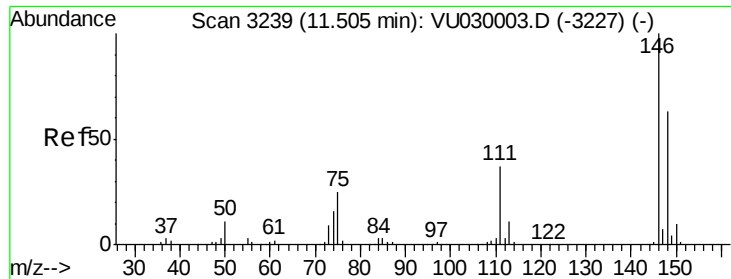
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.2	31.8
91	22.3	17.0	25.6



#82
 1,3-Dichlorobenzene
 Concen: 1.899 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.3	45.5
148	63.7	51.1	76.7

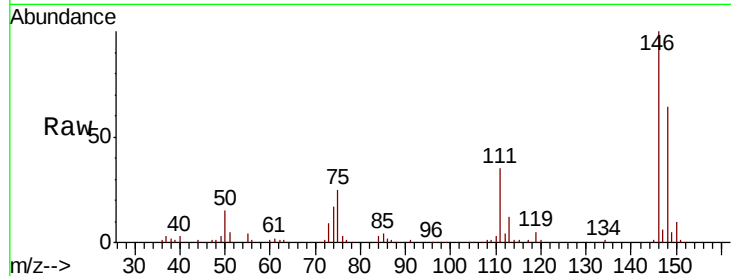




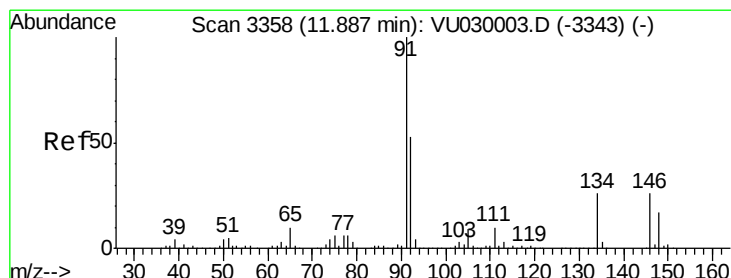
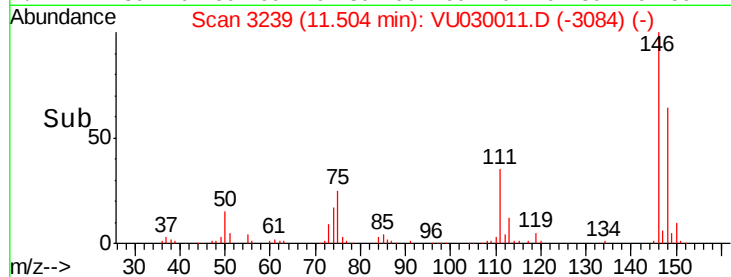
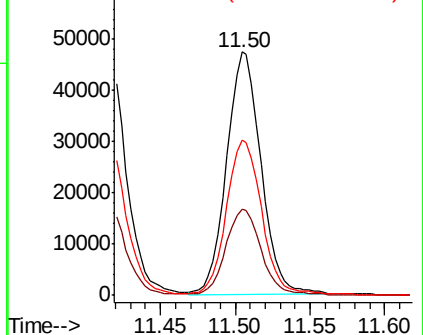
#83
 1,4-Dichlorobenzene
 Concen: 1.815 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion: 146 Resp: 76032
 Ion Ratio Lower Upper
 146 100
 111 37.1 29.3 43.9
 148 64.5 50.6 76.0

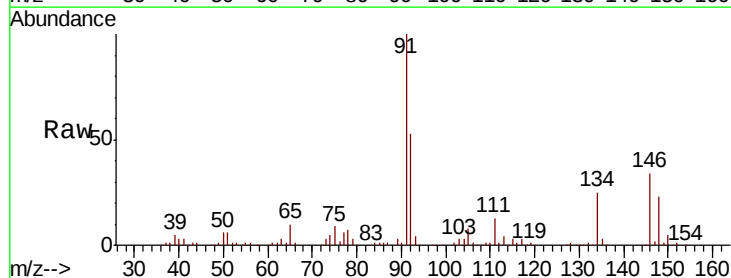


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

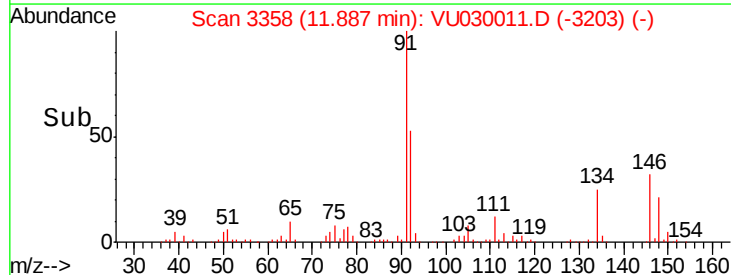
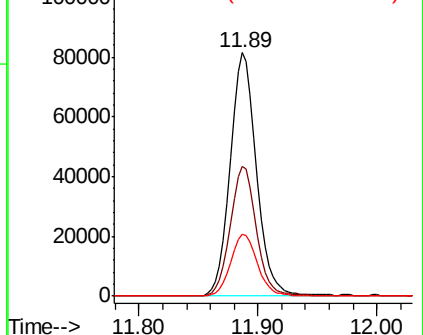


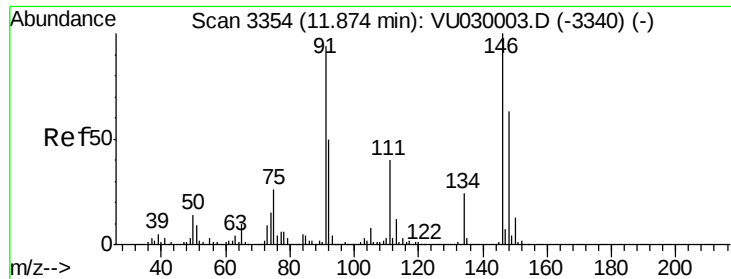
#84
 n-Butylbenzene
 Concen: 1.813 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion: 91 Resp: 124879
 Ion Ratio Lower Upper
 91 100
 92 52.6 42.4 63.6
 134 25.8 21.4 32.0



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





#85

1,2-Dichlorobenzene

Concen: 1.876 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

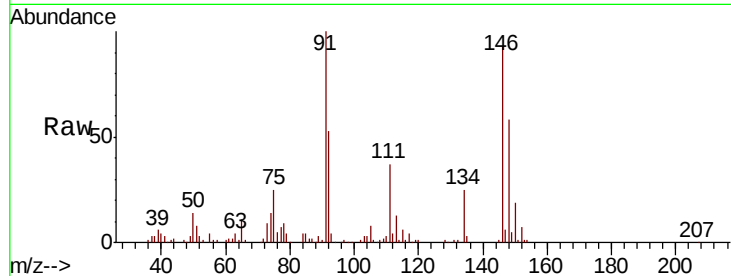
Tgt Ion:146 Resp: 72751

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

148 63.8 31.7 95.1

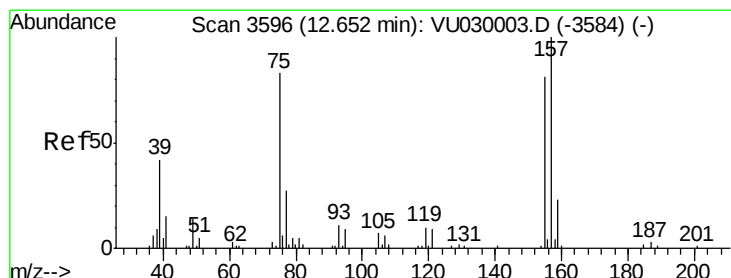
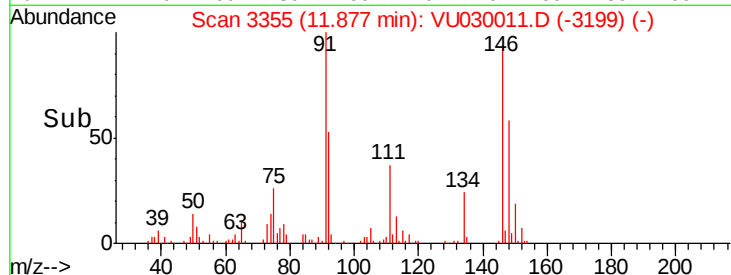
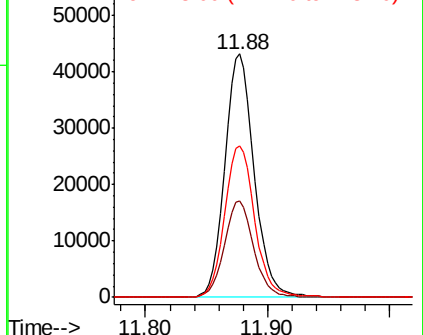


Abundance

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.867 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

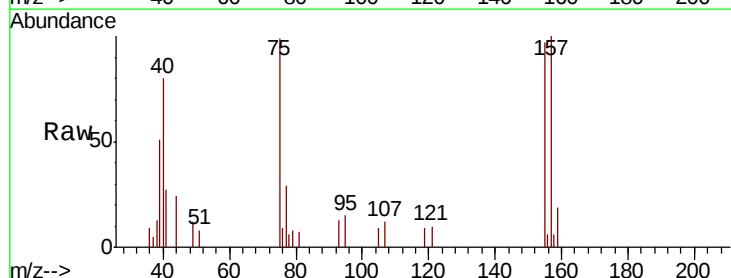
Tgt Ion: 75 Resp: 4263

Ion Ratio Lower Upper

75 100

155 95.3 78.2 117.4

157 117.5 97.2 145.8

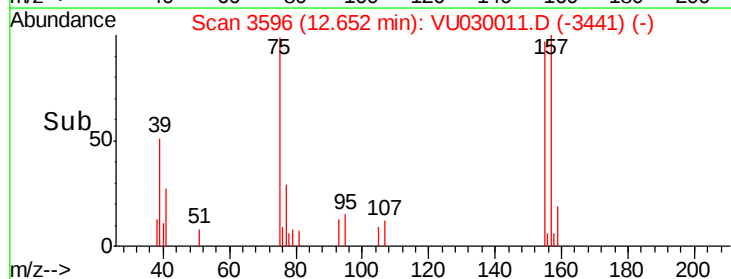
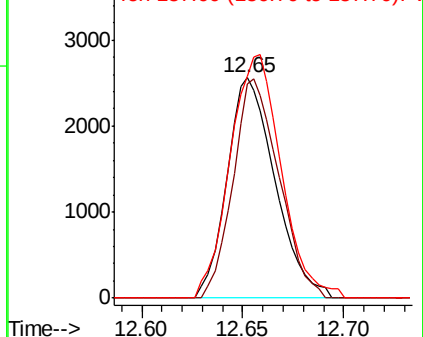


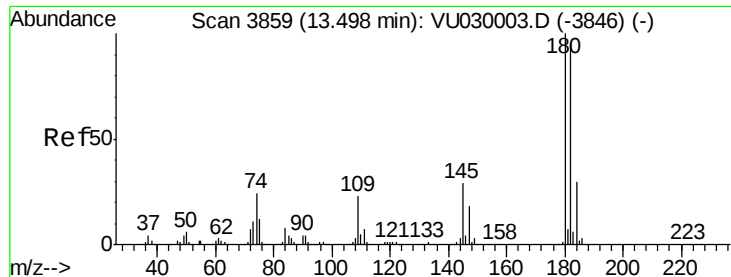
Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

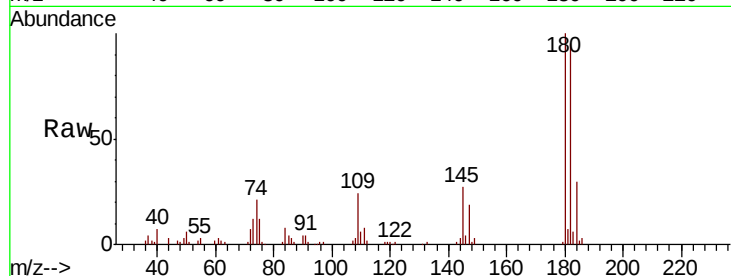




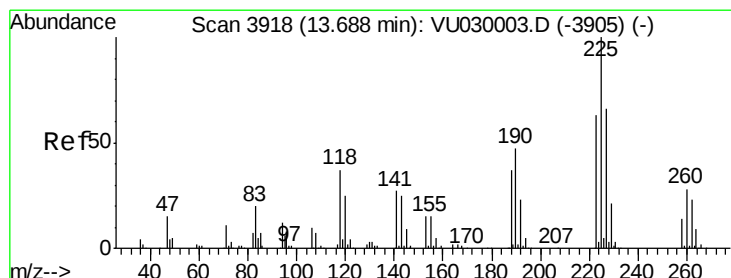
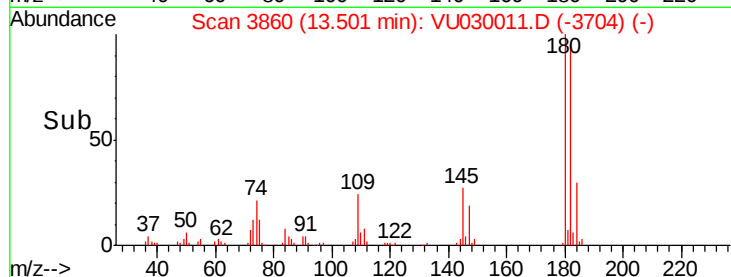
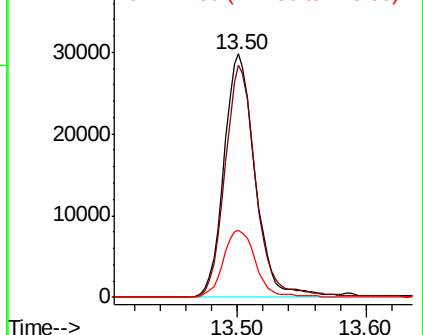
#87
 1,2,4-Trichlorobenzene
 Concen: 1.785 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0314WBS01

Tgt Ion	Resp	Lower	Upper
180	49955		
182	94.4	76.2	114.2
145	28.6	23.0	34.6

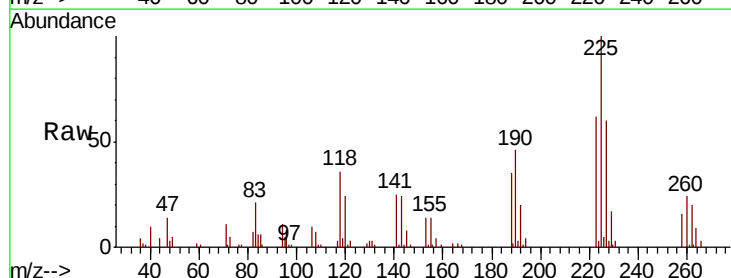


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

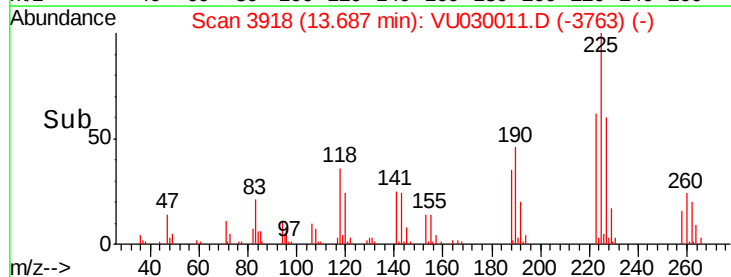
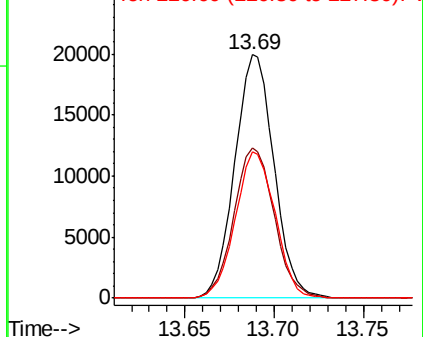


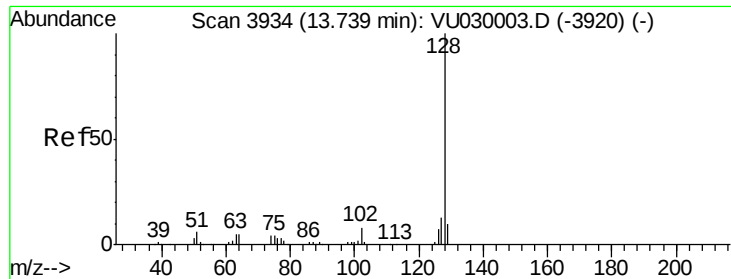
#88
 Hexachlorobutadiene
 Concen: 2.010 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU030011.D
 Acq: 12 Mar 2019 17:13

Tgt Ion	Resp	Lower	Upper
225	30497		
223	63.4	50.7	76.1
227	60.9	52.6	78.8



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





#89

Naphthalene

Concen: 1.715 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

VU0314WBS01

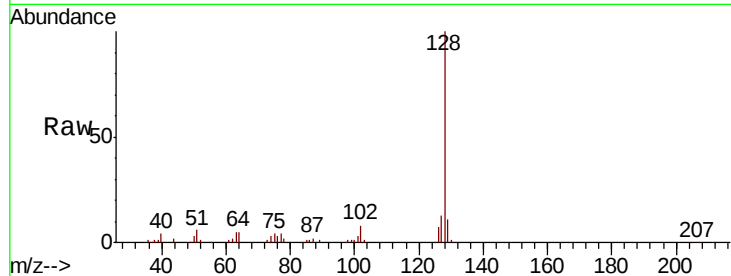
Tgt Ion:128 Resp: 75207

Ion Ratio Lower Upper

128 100

127 12.0 10.1 15.1

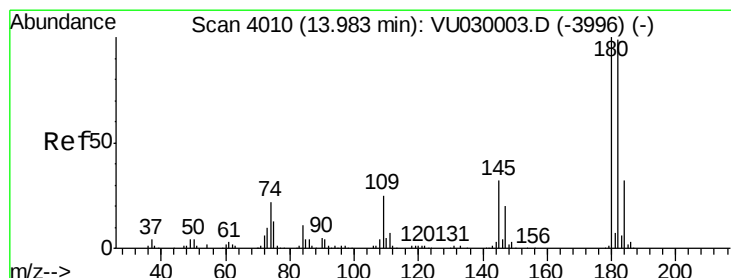
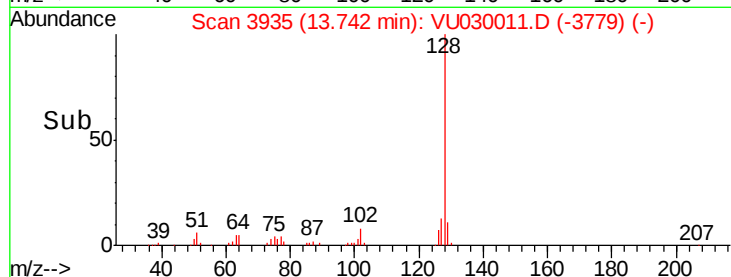
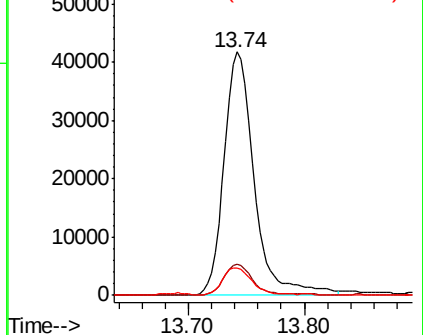
129 11.1 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.900 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU030011.D

Acq: 12 Mar 2019 17:13

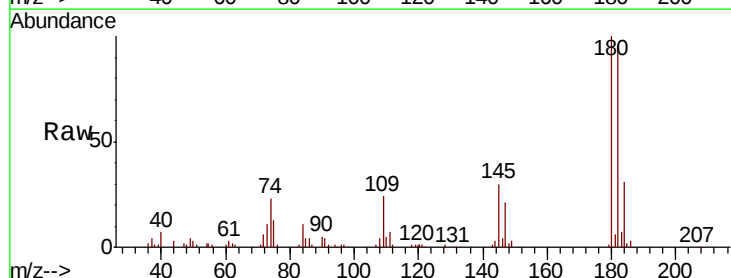
Tgt Ion:180 Resp: 48178

Ion Ratio Lower Upper

180 100

182 95.4 77.6 116.4

145 27.2 24.7 37.1



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

