

Data File : VU029850.D
Acq On : 07 Mar 2019 13:05
Operator : JC/SP
Sample : VU0308WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

Quant Time: Mar 08 01:09:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	59032	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21496	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25516	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.21	85	36800	1.863	ug/l	98
3) Chloromethane	1.33	50	33001	1.876	ug/l	98
4) Vinyl Chloride	1.40	62	36850	1.862	ug/l	97
5) Bromomethane	1.63	94	24840	1.838	ug/l	100
6) Chloroethane	1.70	64	21975	1.852	ug/l	99
7) Trichlorofluoromethane	1.88	101	51646	1.915	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29929	1.908	ug/l	100
9) 1,1-Dichloroethene	2.28	96	29332	1.910	ug/l	99
10) Iodomethane	2.41	142	21626	1.769	ug/l	96
11) Allyl Chloride	2.59	41	39606	1.835	ug/l	99
12) Acrylonitrile	2.93	53	12861	3.841	ug/l	99
13) Acetone	2.32	43	24512	8.840	ug/l	98
14) Carbon Disulfide	2.47	76	91358	1.837	ug/l	99
15) Methylene Chloride	2.70	84	35009	1.900	ug/l	95
16) trans-1,2-Dichloroethene	2.97	96	33254	1.917	ug/l	97
17) 1,1-Dichloroethane	3.44	63	54990	1.895	ug/l	99
18) 2-Butanone	4.28	43	34972	9.280	ug/l	96
19) Cyclohexane	4.99	56	36638	1.626	ug/l	99
20) Methylcyclohexane	6.41	83	48279	1.840	ug/l	99
21) 2,2-Dichloropropane	4.22	77	43552	1.836	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	35252	1.918	ug/l	98
23) Diethyl Ether	2.10	59	21668	1.882	ug/l	97
24) tert-Butyl Alcohol	2.84	59	23309	19.629	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	73808	1.909	ug/l	98
26) Bromochloromethane	4.54	128	15454	1.894	ug/l	99
27) Chloroform	4.67	83	55268	1.881	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	46907	1.883	ug/l	99
29) 1,1-Dichloropropene	5.13	75	40879	1.846	ug/l	99
30) Carbon Tetrachloride	5.13	117	40200	1.849	ug/l	98
31) Isopropyl Ether	3.58	45	76075	1.901	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	73138	1.880	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	69294	1.926	ug/l	99
34) Propionitrile	4.33	54	10766	9.604	ug/l #	92
35) Benzene	5.39	78	123808	1.898	ug/l	98
36) 1,2-Dichloroethane	5.40	62	34847	1.956	ug/l	99
37) Trichloroethene	6.18	130	36438	1.913	ug/l	96
38) 1,2-Dichloropropane	6.43	63	31509	1.908	ug/l	97
39) Methacrylonitrile	4.55	41	8606	1.825	ug/l	94
40) Methyl acrylate	4.43	55	12780	1.715	ug/l #	96
41) Tetrahydrofuran	4.65	42	8147	3.303	ug/l	96
42) 1-Chlorobutane	5.06	56	53201	1.881	ug/l	99

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Quant Time: Mar 08 01:09:16 2019
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	15895	1.857	ug/l	95
44) Bromodichloromethane	6.76	83	38845	1.848	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	83636	9.371	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	32195	8.628	ug/l #	51
47) Methyl methacrylate	6.63	69	27249	3.711	ug/l	98
48) Ethyl methacrylate	8.02	69	25824	1.835	ug/l	99
49) Toluene	7.63	92	74896	1.870	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	32253	1.751	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	41457	1.818	ug/l	98
52) 1,1,2-Trichloroethane	8.06	97	24609	1.943	ug/l	96
53) 1,3-Dichloropropane	8.24	76	39066	1.880	ug/l	100
54) 2-Hexanone	8.37	43	55873	9.014	ug/l	95
55) Dibromochloromethane	8.47	129	27701	1.843	ug/l	98
56) 1,2-Dibromoethane	8.58	107	22457	1.870	ug/l	99
58) Tetrachloroethene	8.22	164	38199	1.964	ug/l	98
59) Chlorobenzene	9.12	112	86357	1.876	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	30912	1.872	ug/l	100
61) Pentachloroethane	11.10	117	20837	1.812	ug/l	94
62) Hexachloroethane	12.14	117	21957	1.815	ug/l	99
63) Ethyl Benzene	9.25	91	136646	1.812	ug/l	98
64) m/p-Xylenes	9.37	106	109688	3.679	ug/l	98
65) o-Xylene	9.77	106	53538	1.870	ug/l	98
66) Styrene	9.79	104	87613	1.842	ug/l	98
67) Bromoform	9.96	173	16402	1.858	ug/l	100
69) Isopropylbenzene	10.16	105	139204	1.833	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	29720	1.924	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	32195	2.804	ug/l #	80
72) Bromobenzene	10.45	156	37873	1.884	ug/l	94
73) n-propylbenzene	10.58	120	40365	1.891	ug/l	95
74) 2-Chlorotoluene	10.66	126	36091	1.906	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	117910	1.843	ug/l	99
76) 4-Chlorotoluene	10.77	126	36830	1.908	ug/l	95
77) tert-Butylbenzene	11.10	119	116818	1.846	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	117587	1.819	ug/l	99
79) sec-Butylbenzene	11.32	105	158711	1.892	ug/l	100
80) Nitrobenzene	12.88	77	1638	5.841	ug/l #	83
81) p-Isopropyltoluene	11.47	119	128790	1.834	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	73889	1.856	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	73648	1.894	ug/l	97
84) n-Butylbenzene	11.89	91	115916	1.812	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	70222	1.871	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4119	1.868	ug/l	92
87) 1,2,4-Trichlorobenzene	13.50	180	42731	1.778	ug/l	100
88) Hexachlorobutadiene	13.69	225	28183	1.862	ug/l	98
89) Naphthalene	13.74	128	63513	1.761	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	40046	1.774	ug/l	96

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

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ALS Vial      : 9      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

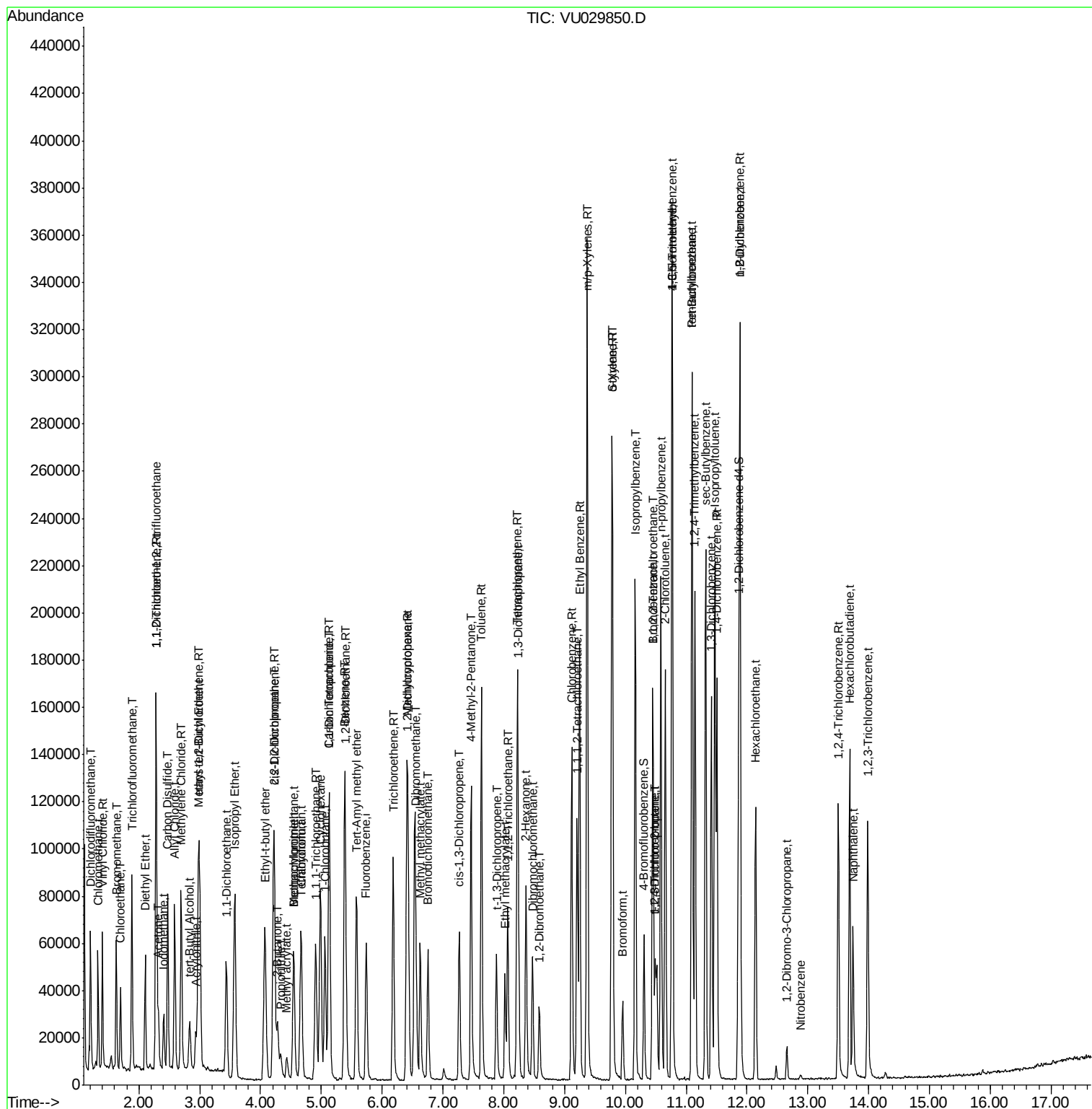
Quant Time: Mar 08 01:09:16 2019

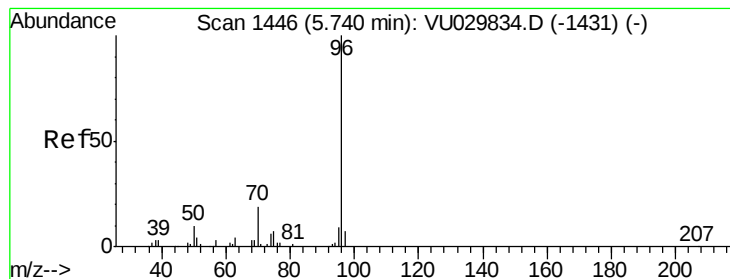
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\524U030719DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Fri Mar 08 00:30:10 2019

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

Tgt Ion: 96 Resp: 59032

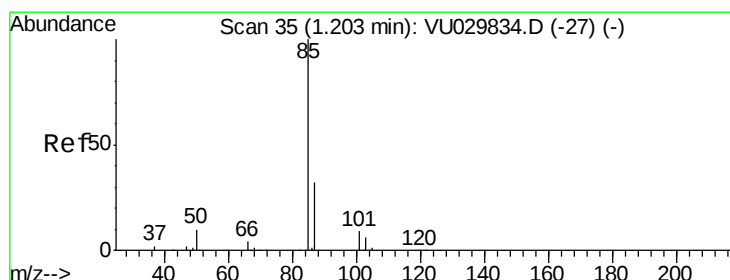
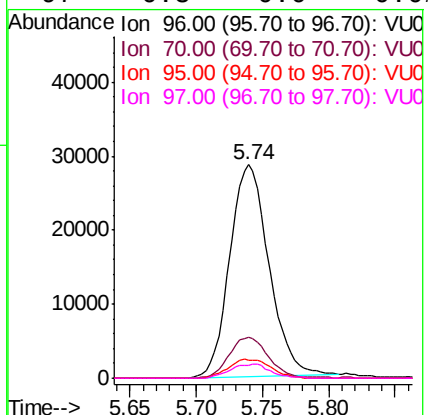
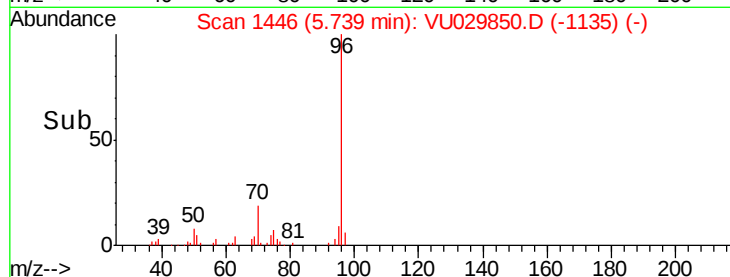
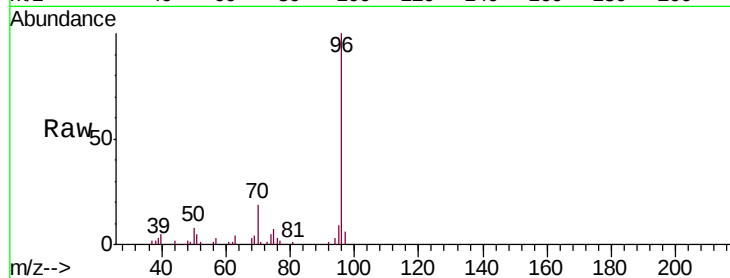
Ion Ratio Lower Upper

96 100

70 18.5 14.4 21.6

95 9.7 7.0 10.6

97 6.8 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.863 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029850.D

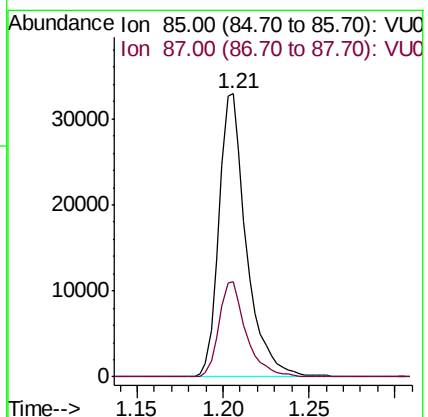
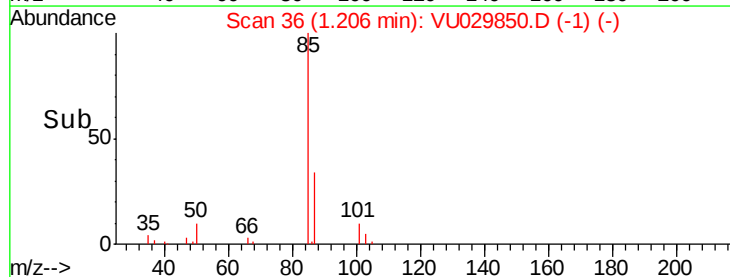
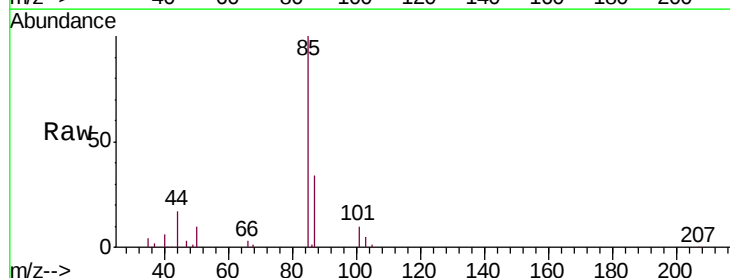
Acq: 07 Mar 2019 13:05

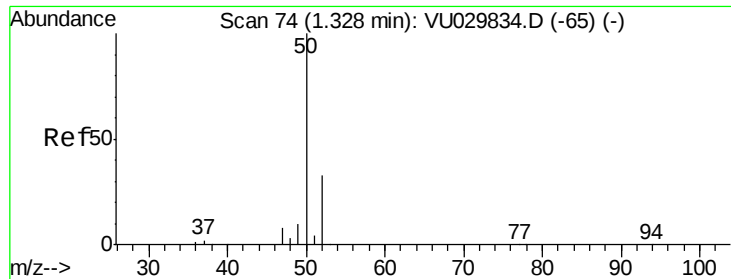
Tgt Ion: 85 Resp: 36800

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.6





#3

Chloromethane

Concen: 1.876 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

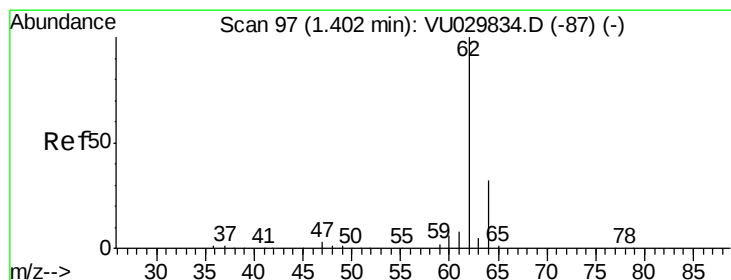
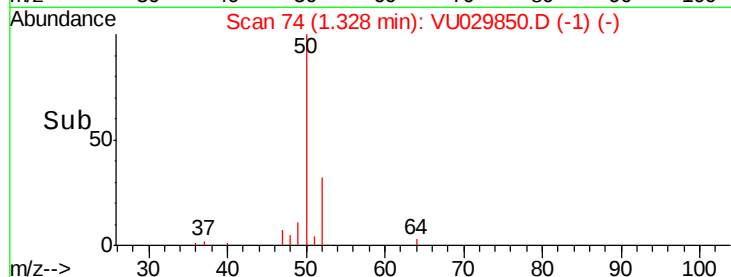
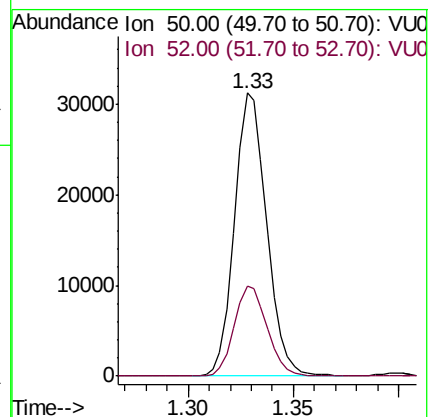
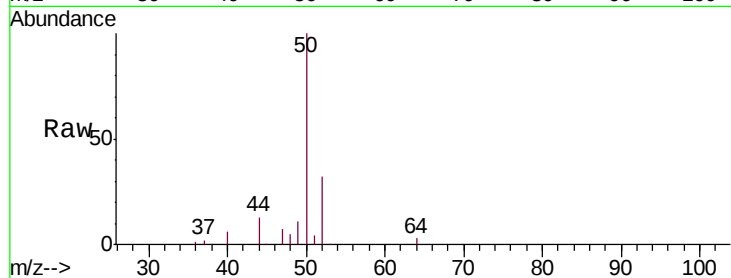
VU0308WBSD01

Tgt Ion: 50 Resp: 33001

Ion Ratio Lower Upper

50 100

52 31.7 26.5 39.7



#4

Vinyl Chloride

Concen: 1.862 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029850.D

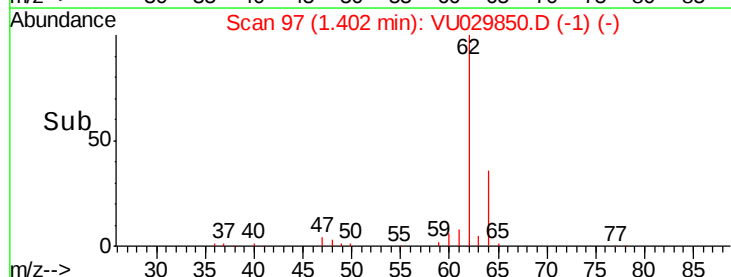
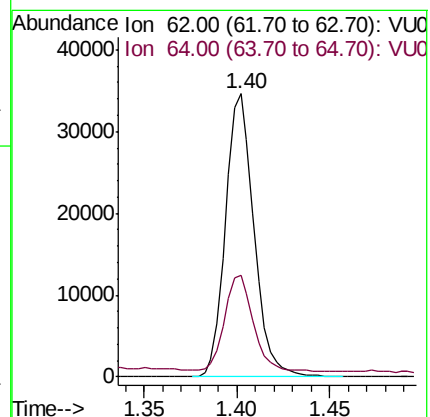
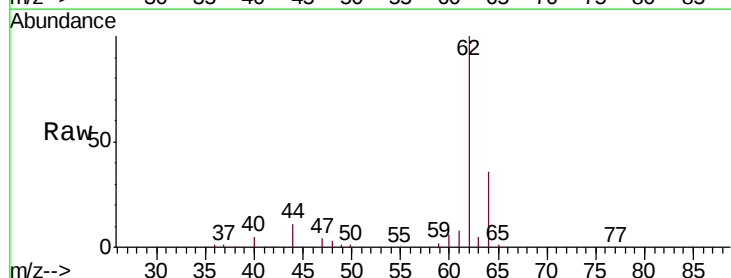
Acq: 07 Mar 2019 13:05

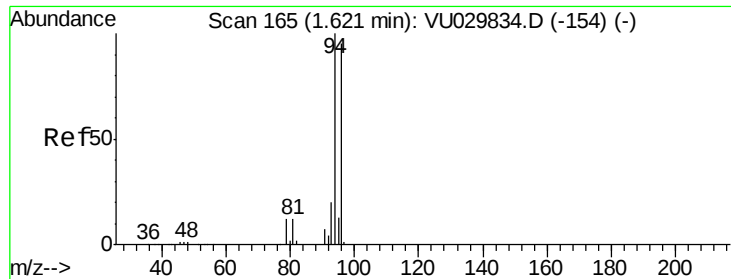
Tgt Ion: 62 Resp: 36850

Ion Ratio Lower Upper

62 100

64 33.7 25.7 38.5





#5

Bromomethane

Concen: 1.838 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

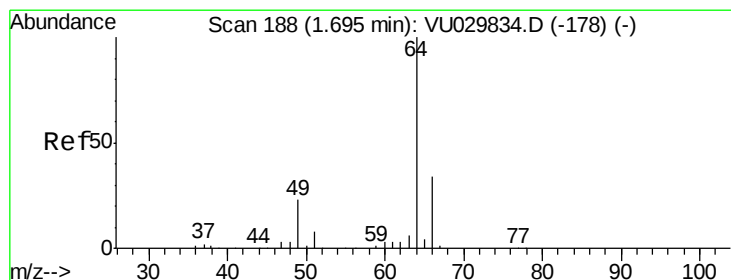
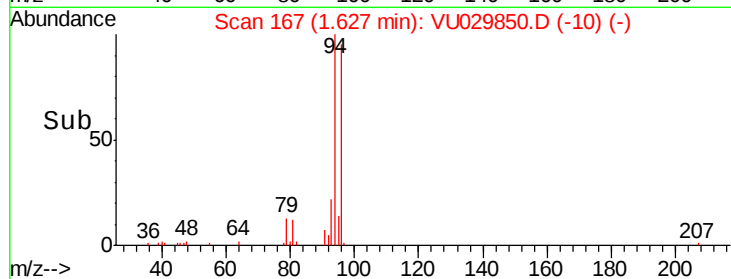
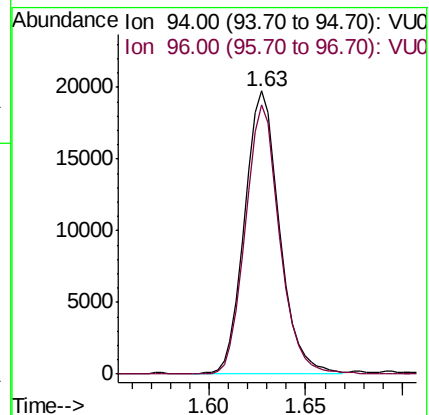
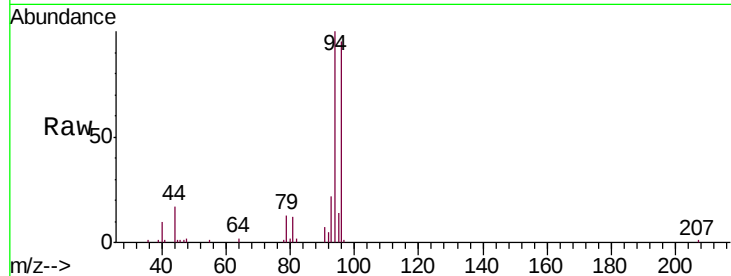
VU0308WBSD01

Tgt Ion: 94 Resp: 24840

Ion Ratio Lower Upper

94 100

96 95.3 76.4 114.6



#6

Chloroethane

Concen: 1.852 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029850.D

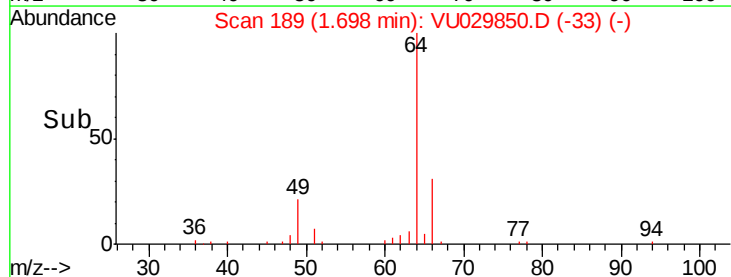
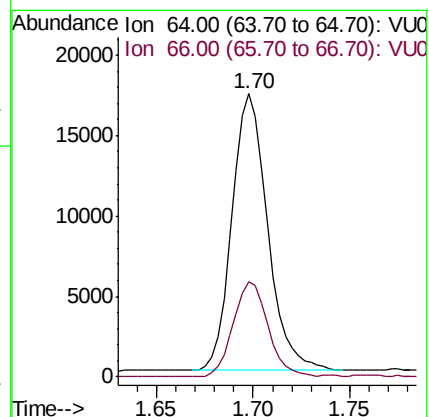
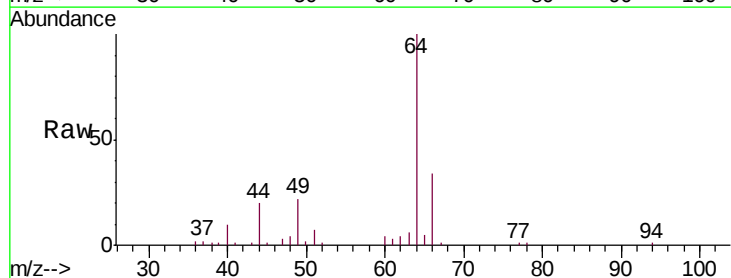
Acq: 07 Mar 2019 13:05

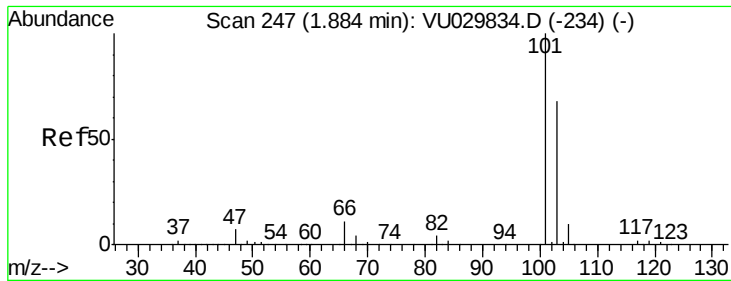
Tgt Ion: 64 Resp: 21975

Ion Ratio Lower Upper

64 100

66 34.5 27.3 40.9



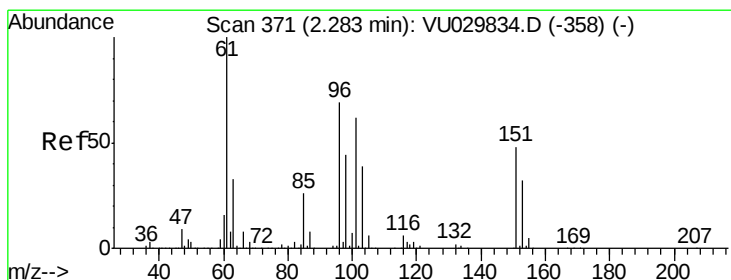
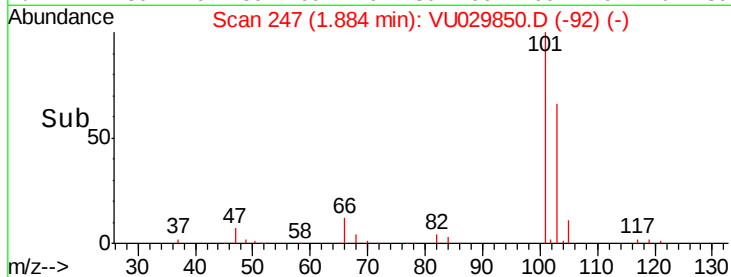
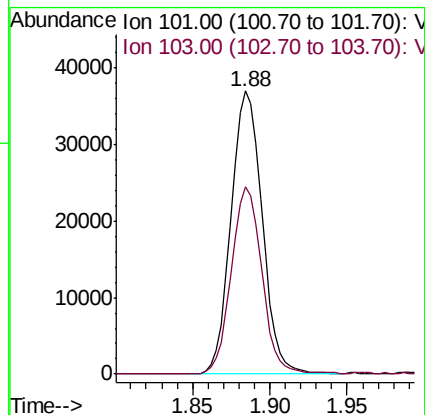
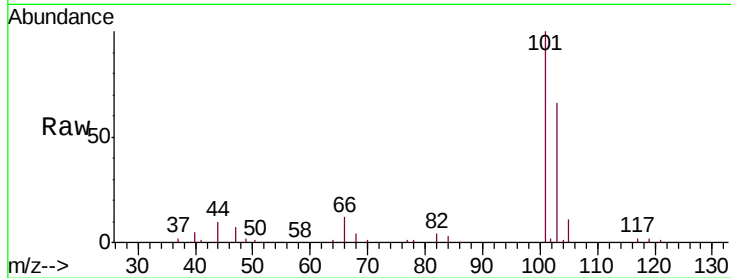


#7

Trichlorofluoromethane
 Concen: 1.915 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Instrument :
 MSVOA_U
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 VU0308WBSD01

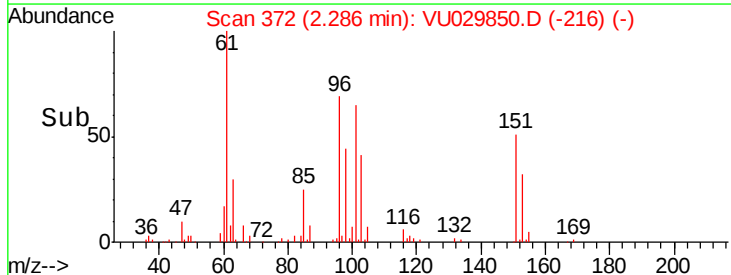
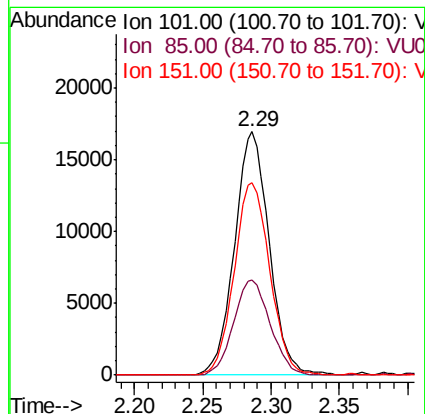
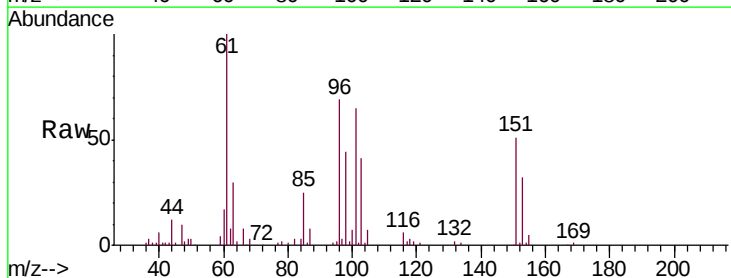
Tgt Ion:101 Resp: 51646
 Ion Ratio Lower Upper
 101 100
 103 66.1 54.2 81.2

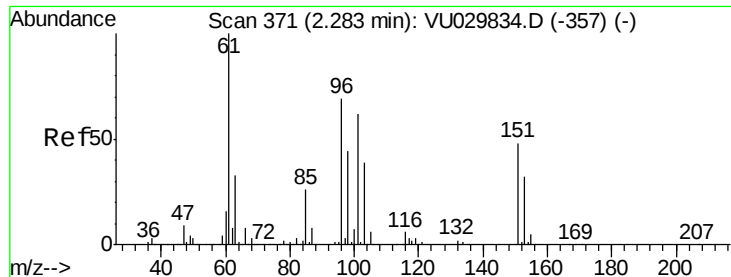


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.908 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion:101 Resp: 29929
 Ion Ratio Lower Upper
 101 100
 85 40.9 33.4 50.0
 151 80.9 64.6 97.0





#9

1,1-Dichloroethene

Concen: 1.910 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

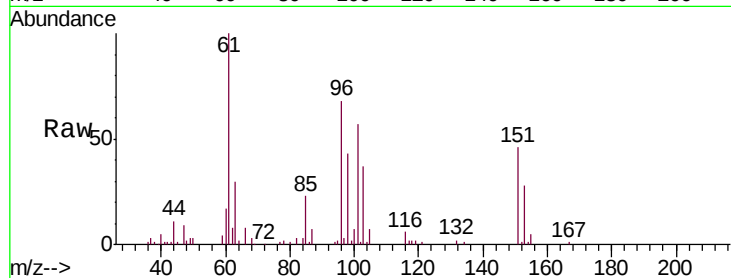
Tgt Ion: 96 Resp: 29332

Ion Ratio Lower Upper

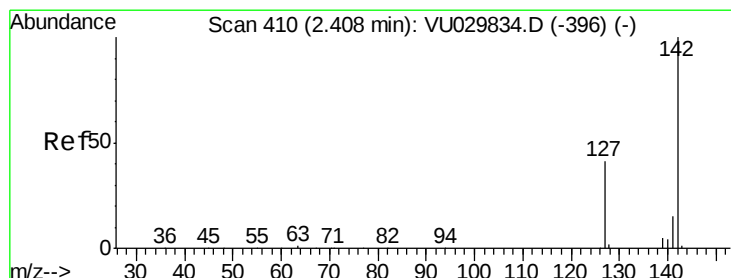
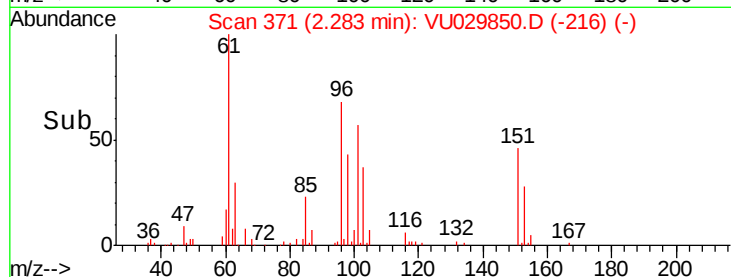
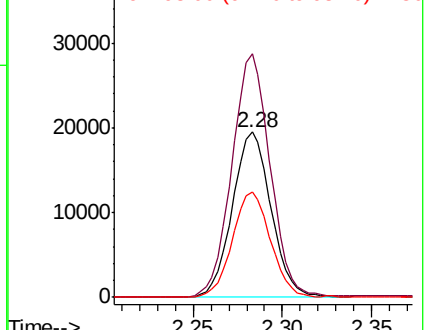
96 100

61 147.1 0.0 435.3

98 63.7 0.0 128.6



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.769 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029850.D

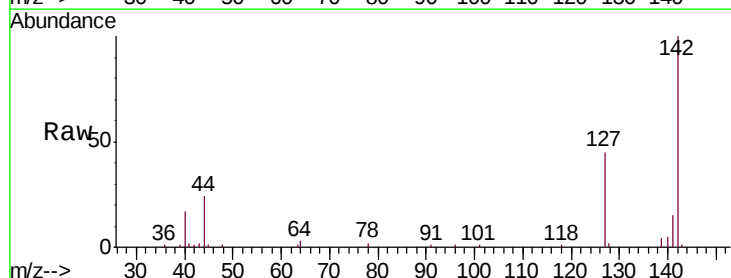
Acq: 07 Mar 2019 13:05

Tgt Ion: 142 Resp: 21626

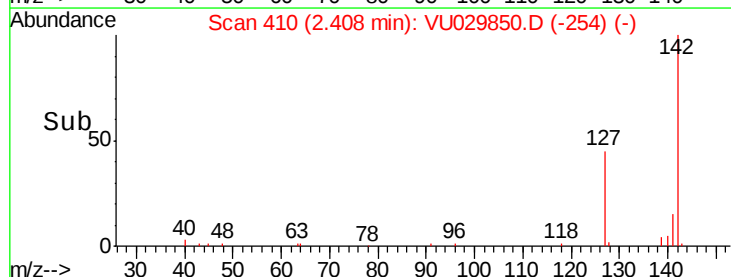
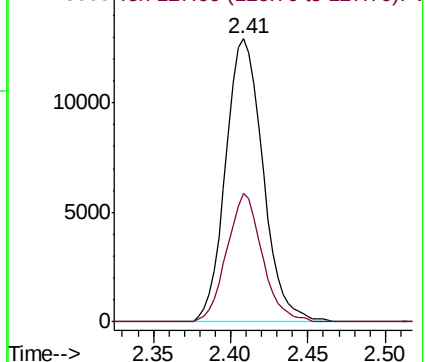
Ion Ratio Lower Upper

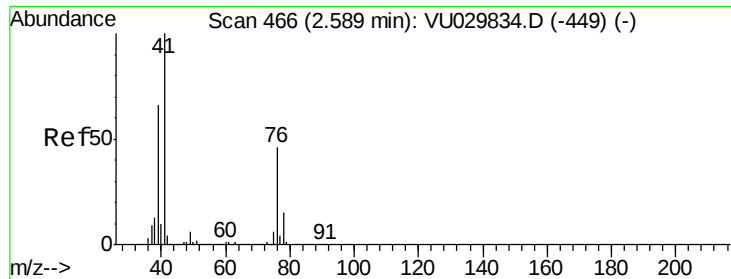
142 100

127 43.0 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

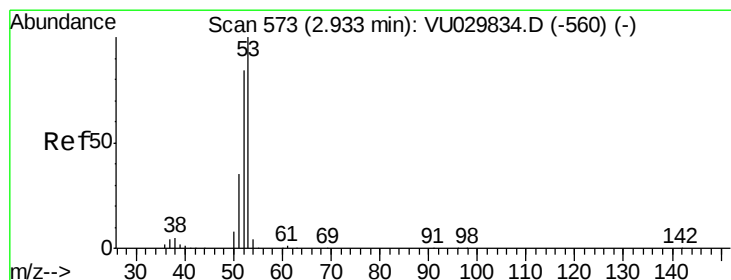
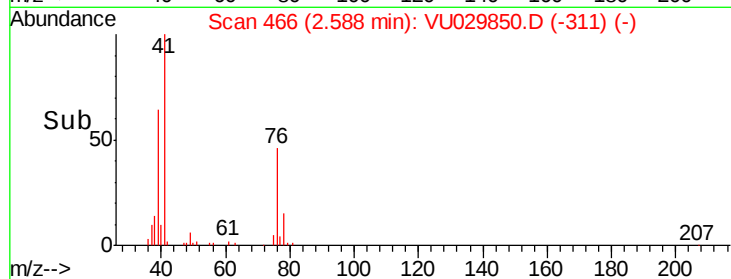
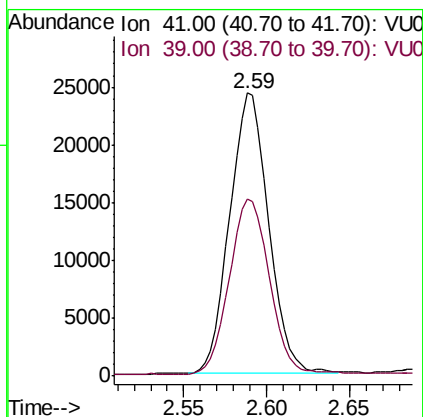
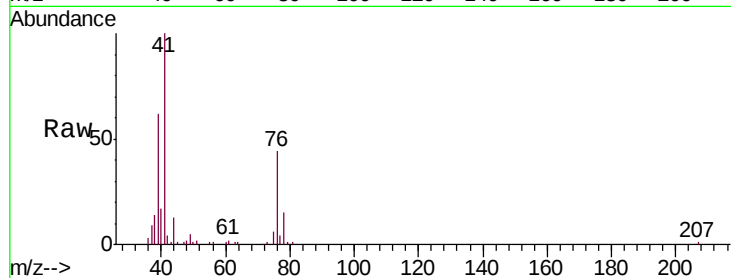




#11
 Allyl Chloride
 Concen: 1.835 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

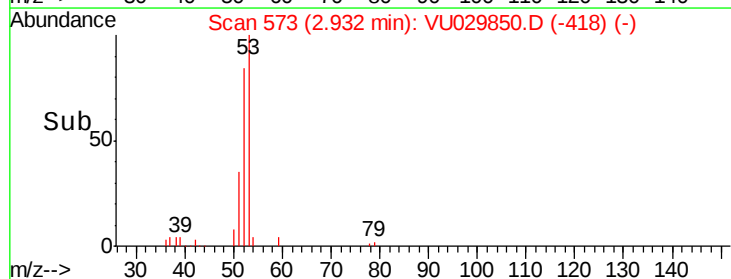
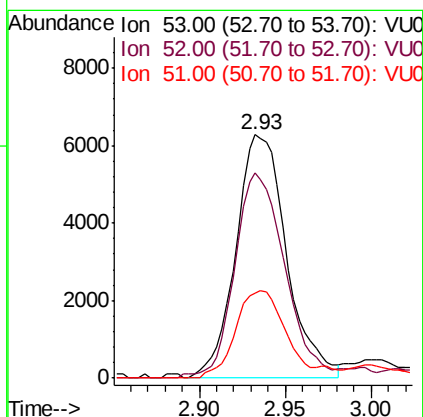
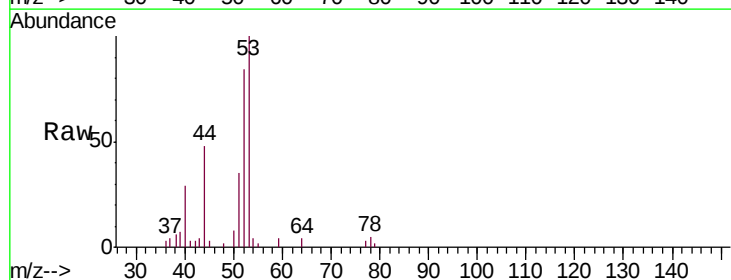
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

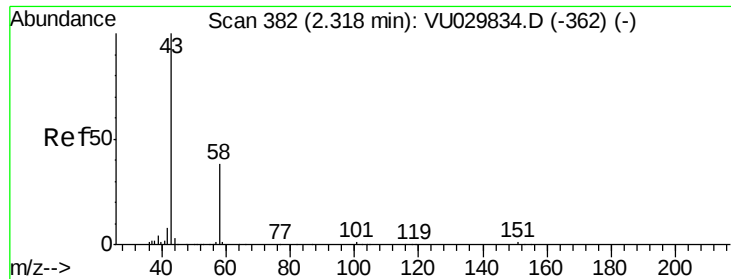
Tgt Ion: 41 Resp: 39606
 Ion Ratio Lower Upper
 41 100
 39 65.1 51.6 77.4



#12
 Acrylonitrile
 Concen: 3.841 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 53 Resp: 12861
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.5 99.7
 51 35.0 28.6 42.8





#13

Acetone

Concen: 8.840 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

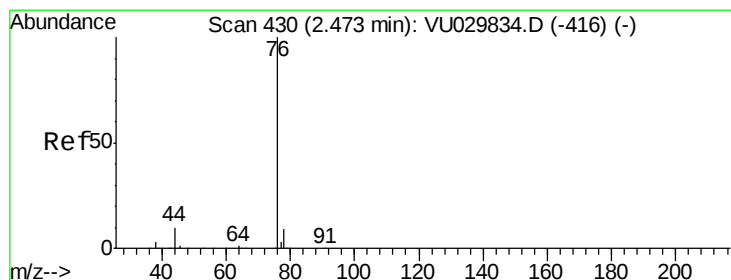
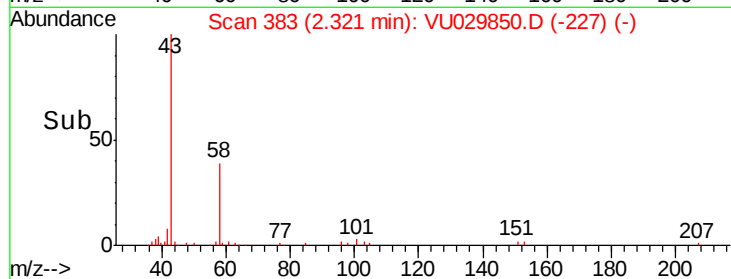
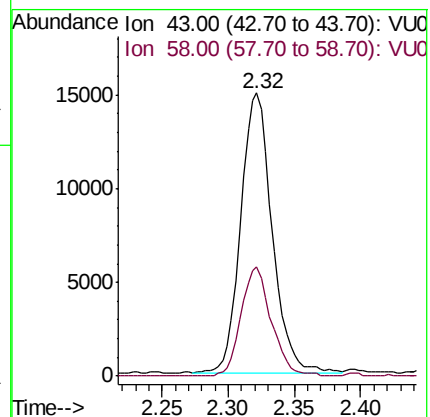
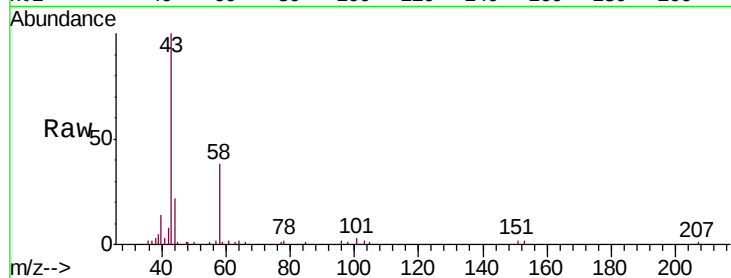
VU0308WBSD01

Tgt Ion: 43 Resp: 24512

Ion Ratio Lower Upper

43 100

58 39.0 30.2 45.2



#14

Carbon Disulfide

Concen: 1.837 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029850.D

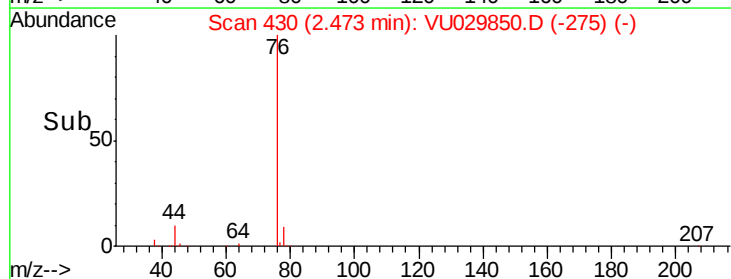
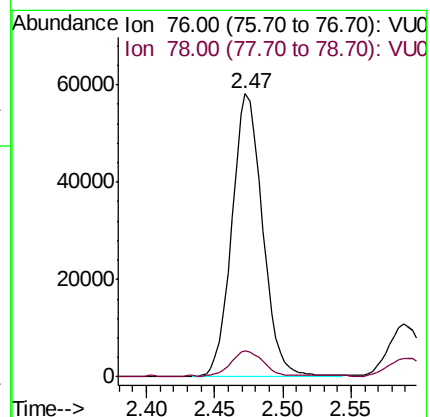
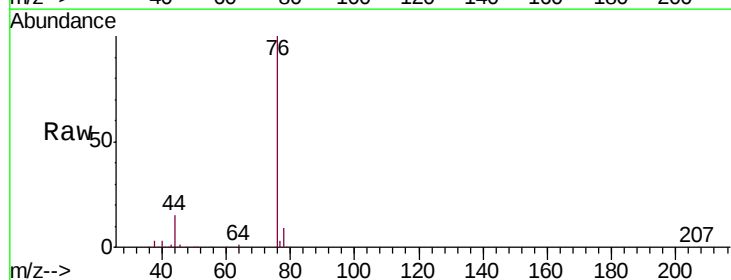
Acq: 07 Mar 2019 13:05

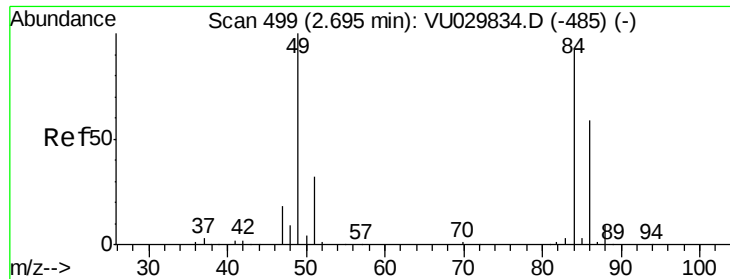
Tgt Ion: 76 Resp: 91358

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8





#15

Methylene Chloride

Concen: 1.900 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

Tgt Ion: 84 Resp: 35009

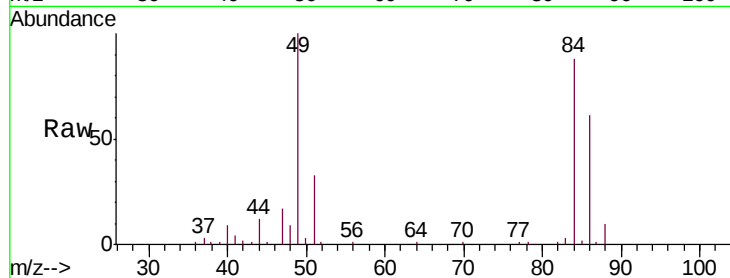
Ion Ratio Lower Upper

84 100

49 113.8 87.2 130.8

51 37.4 0.0 69.0

86 69.4 51.3 76.9

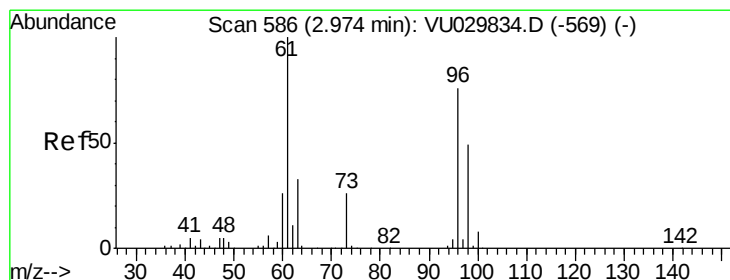
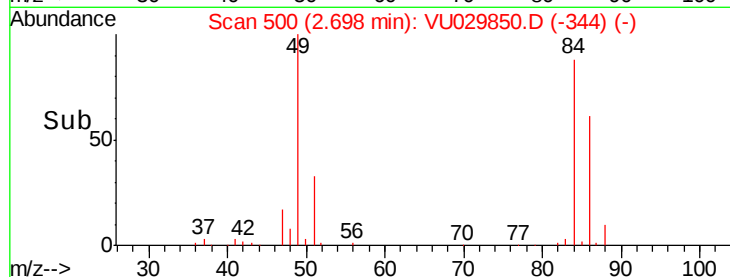
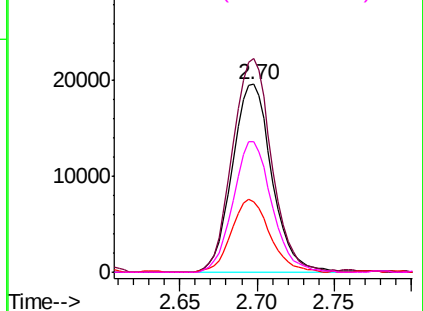


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 1.917 ug/l

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

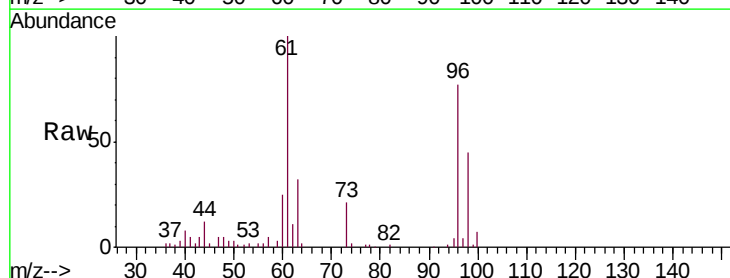
Tgt Ion: 96 Resp: 33254

Ion Ratio Lower Upper

96 100

61 129.4 104.7 157.1

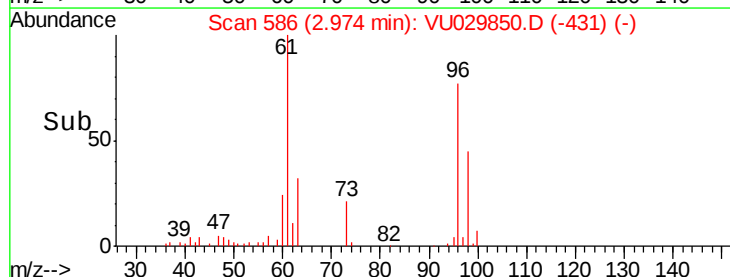
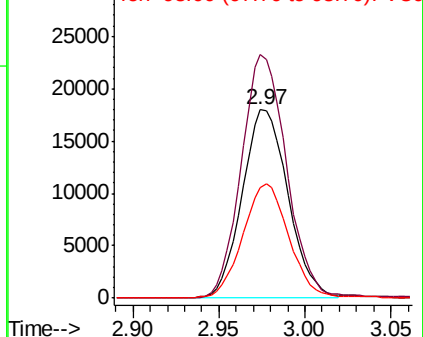
98 58.7 50.9 76.3

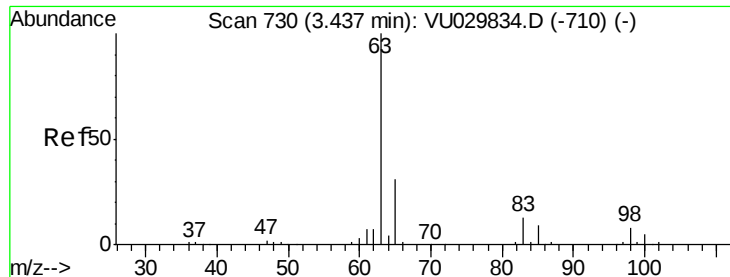


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

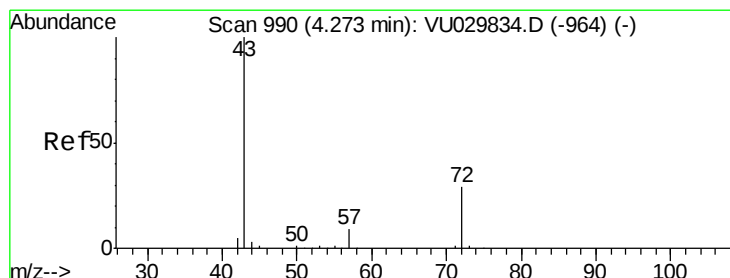
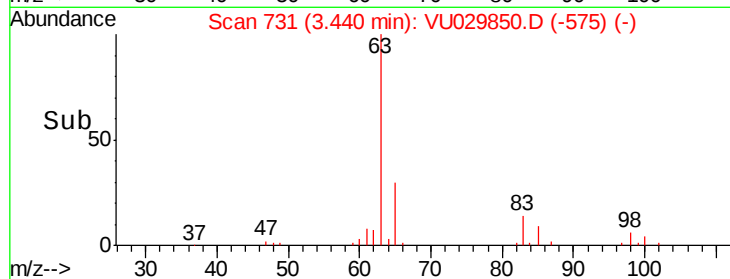
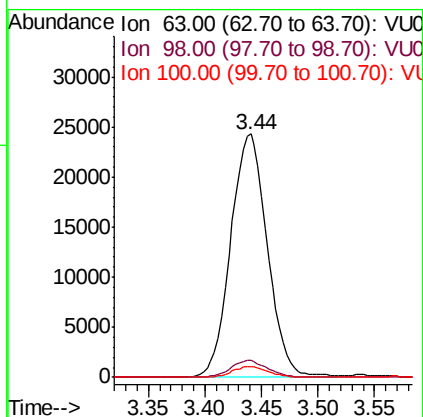
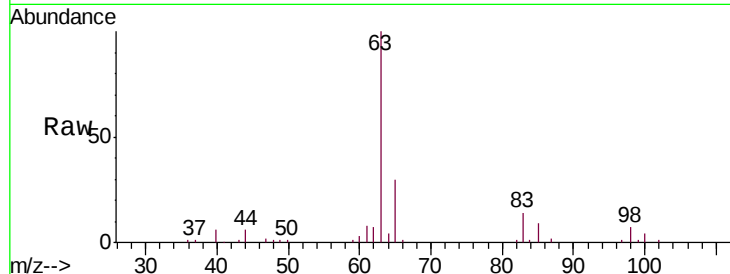




#17
 1,1-Dichloroethane
 Concen: 1.895 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

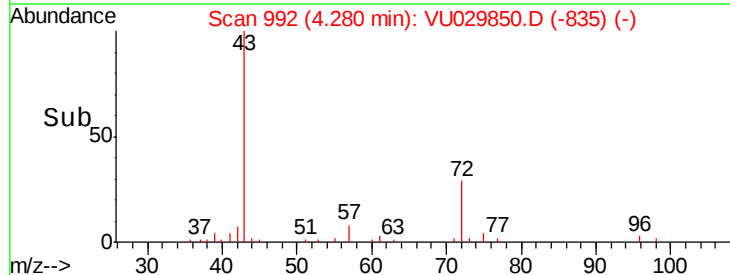
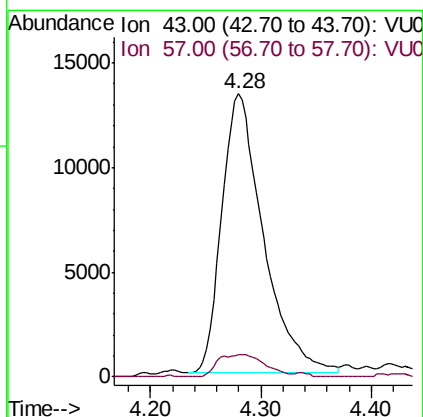
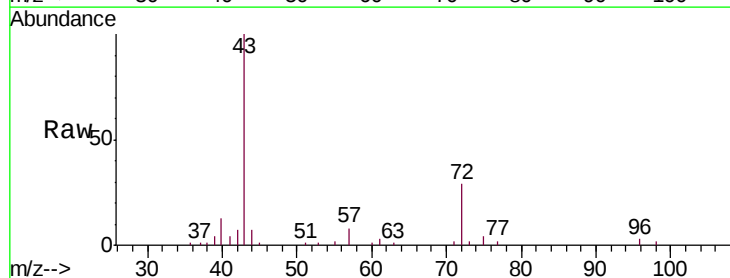
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

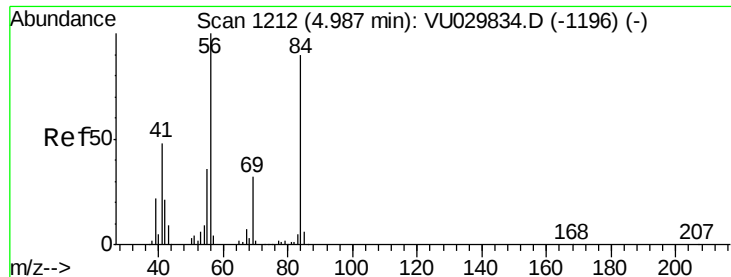
Tgt Ion: 63 Resp: 54990
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.5 2.4 7.1



#18
 2-Butanone
 Concen: 9.280 ug/l
 RT: 4.28 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 43 Resp: 34972
 Ion Ratio Lower Upper
 43 100
 57 7.8 0.0 18.6

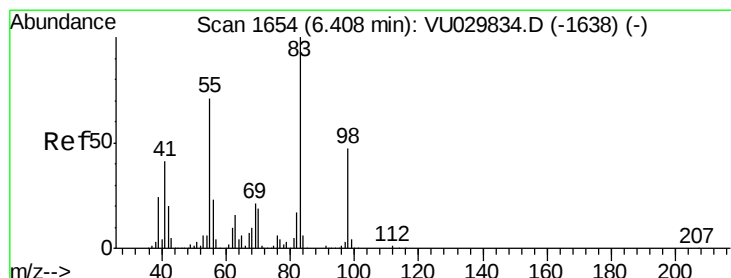
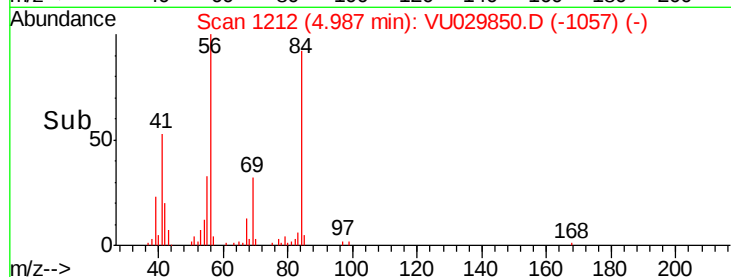
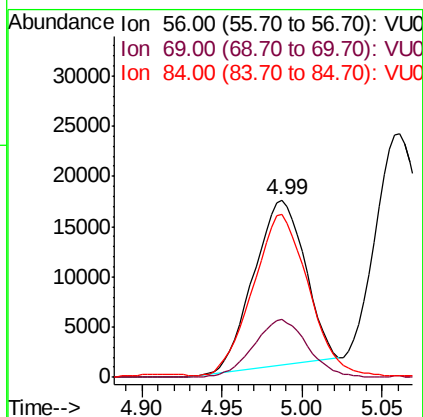
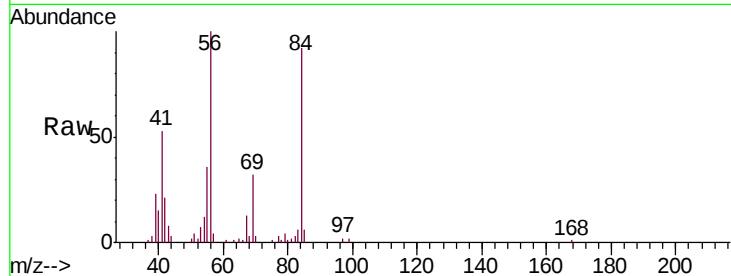




#19
Cyclohexane
Concen: 1.626 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

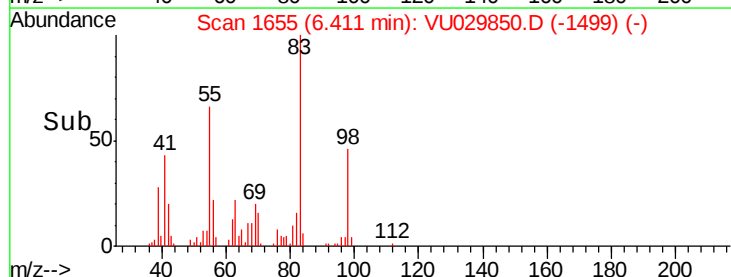
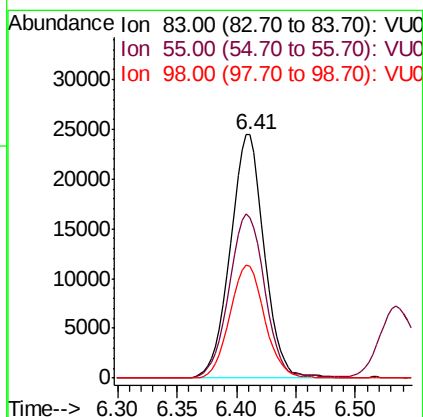
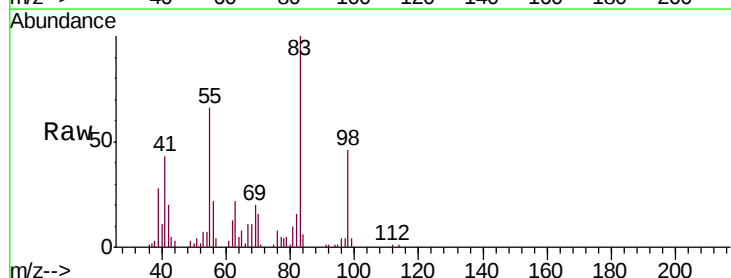
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

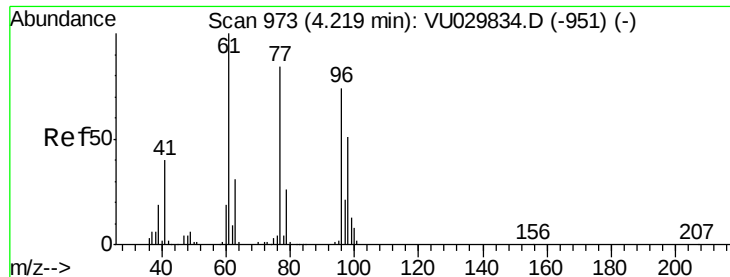
Tgt Ion: 56 Resp: 36638
Ion Ratio Lower Upper
56 100
69 36.7 29.4 44.2
84 104.5 84.6 127.0



#20
Methylcyclohexane
Concen: 1.840 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 83 Resp: 48279
Ion Ratio Lower Upper
83 100
55 70.2 55.9 83.9
98 47.7 37.0 55.4

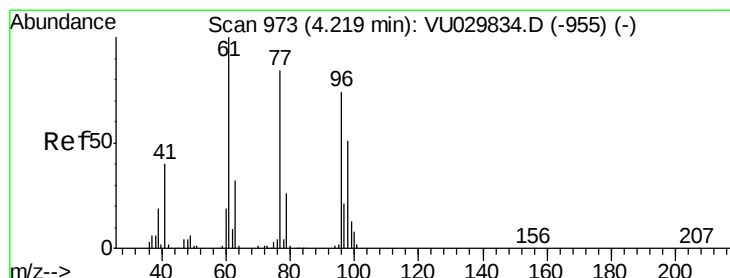
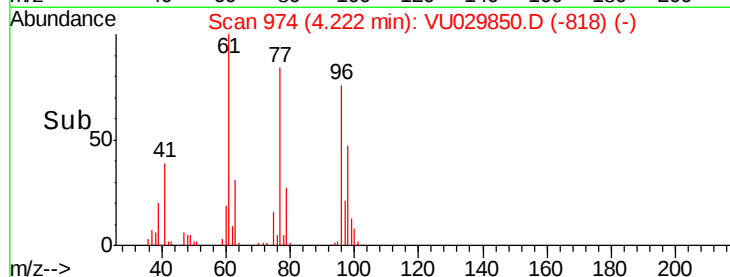
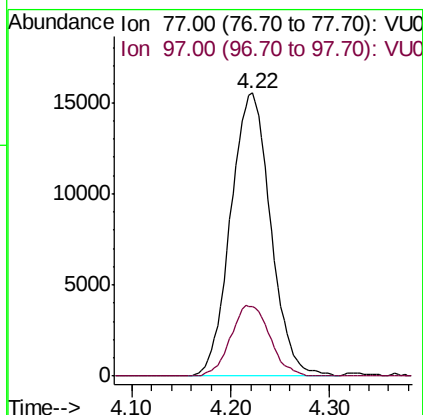
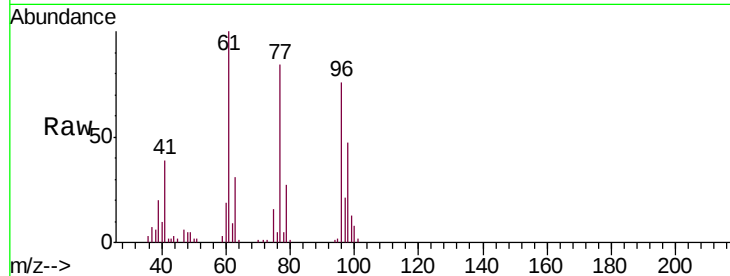




#21
 2,2-Dichloropropane
 Concen: 1.836 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

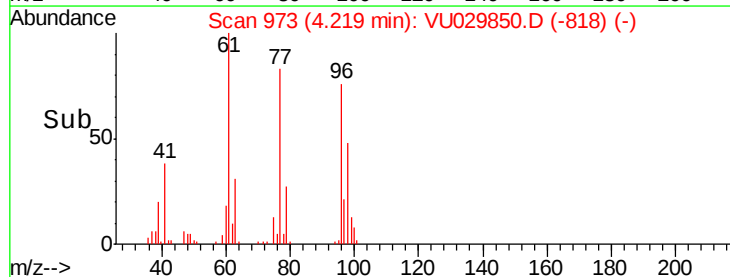
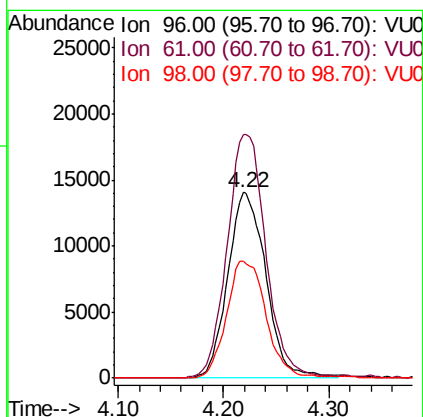
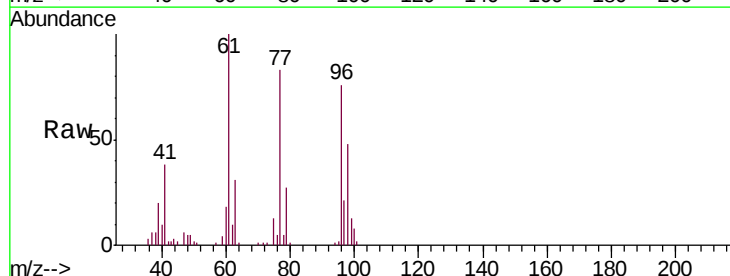
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

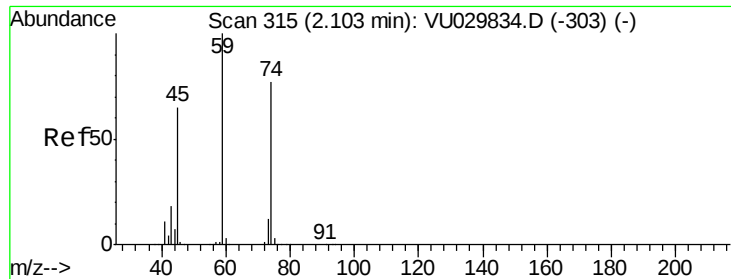
Tgt Ion: 77 Resp: 43552
 Ion Ratio Lower Upper
 77 100
 97 24.3 20.2 30.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.918 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 96 Resp: 35252
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 339.0
 98 65.3 33.1 99.5

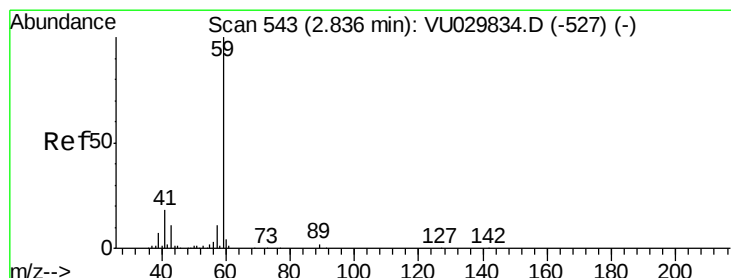
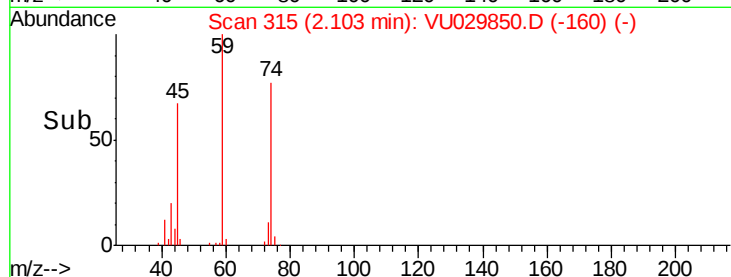
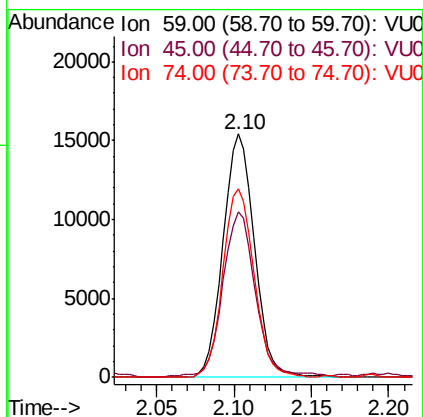
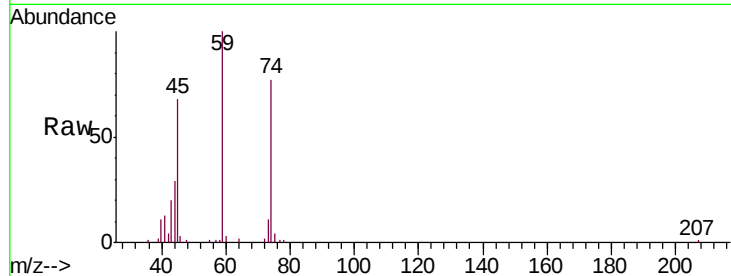




#23
Diethyl Ether
Concen: 1.882 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

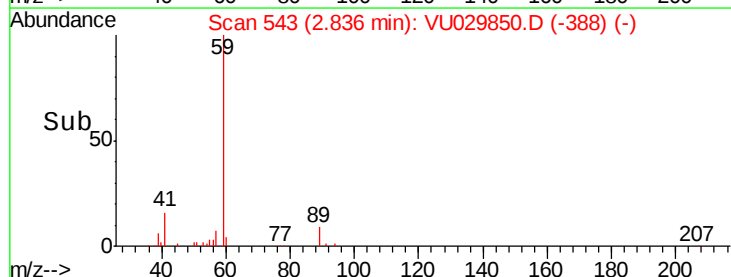
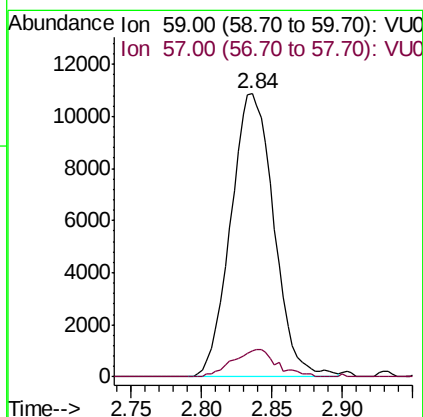
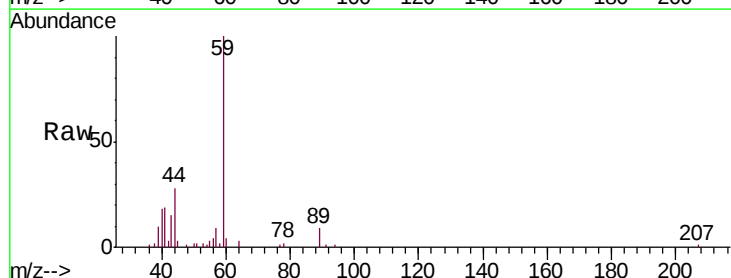
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

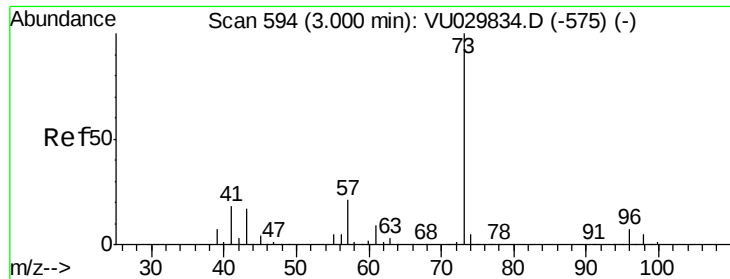
Tgt Ion: 59 Resp: 21668
Ion Ratio Lower Upper
59 100
45 70.4 52.7 79.1
74 76.9 61.8 92.6



#24
tert-Butyl Alcohol
Concen: 19.629 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 59 Resp: 23309
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7



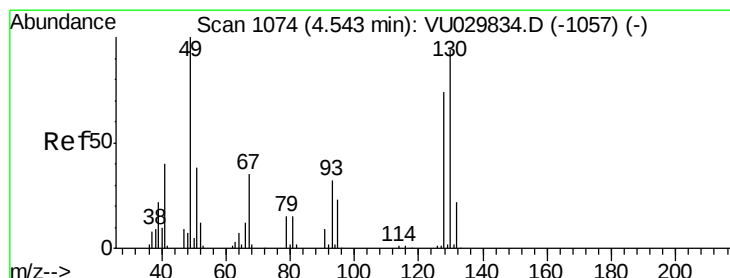
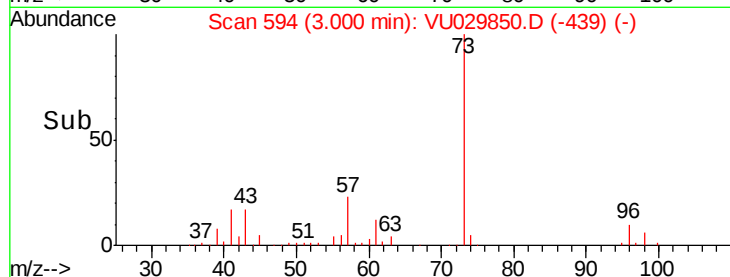
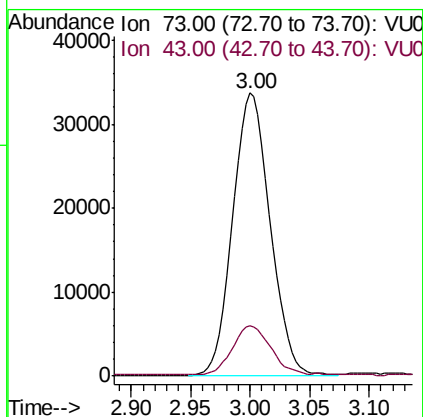
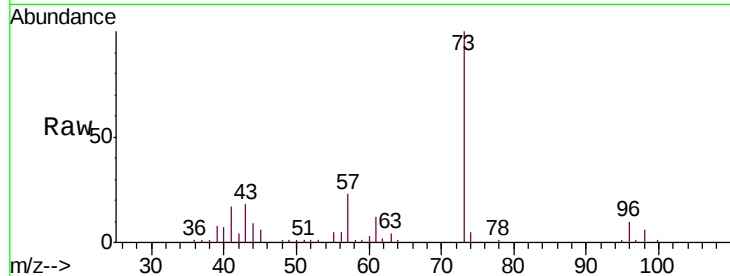


#25

Methyl tert-Butyl Ether
 Concen: 1.909 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

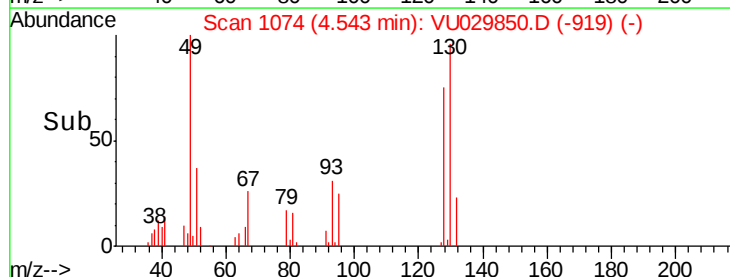
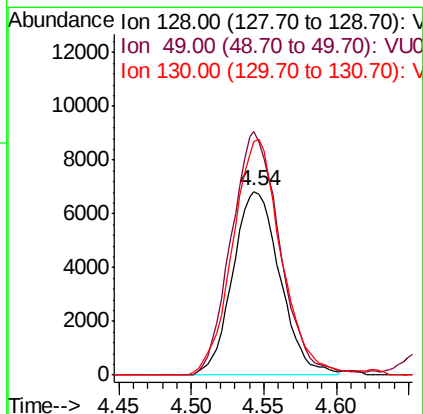
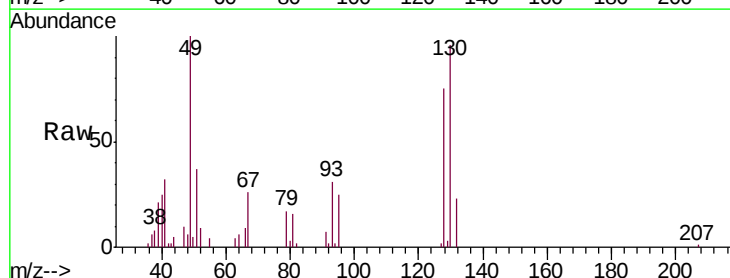
Tgt Ion: 73 Resp: 73808
 Ion Ratio Lower Upper
 73 100
 43 17.1 13.1 19.7

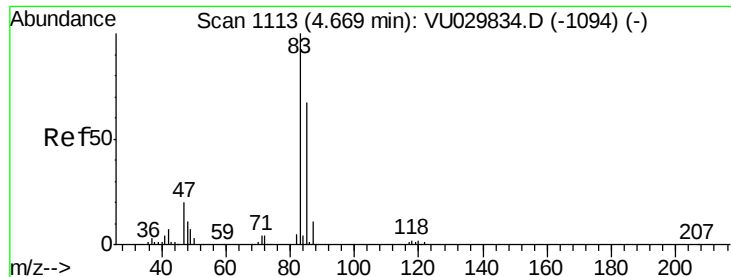


#26

Bromochloromethane
 Concen: 1.894 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 128 Resp: 15454
 Ion Ratio Lower Upper
 128 100
 49 136.8 0.0 270.6
 130 132.2 104.2 156.4





#27

Chloroform

Concen: 1.881 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

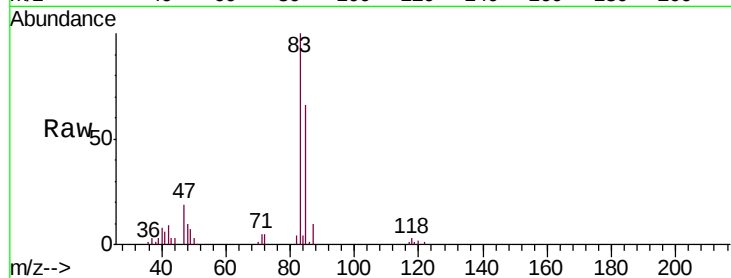
VU0308WBSD01

Tgt Ion: 83 Resp: 55268

Ion Ratio Lower Upper

83 100

85 65.9 0.0 133.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.67

25000

20000

15000

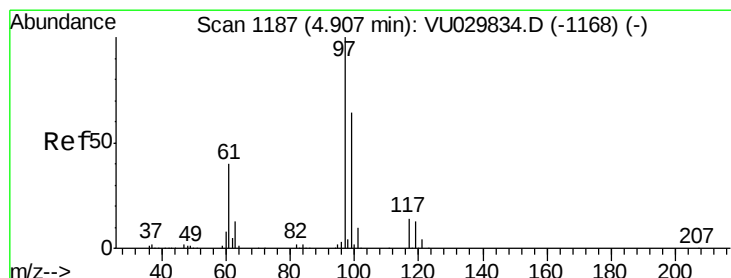
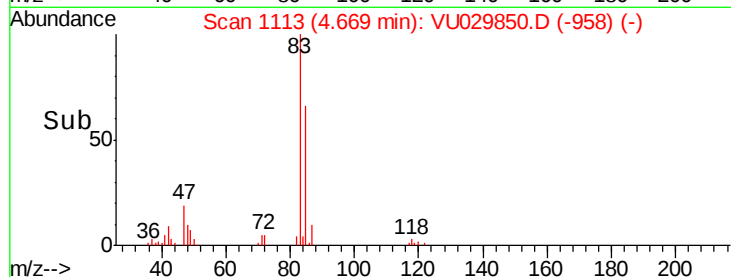
10000

5000

0

Time-->

4.60 4.70 4.80



#28

1,1,1-Trichloroethane

Concen: 1.883 ug/l

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

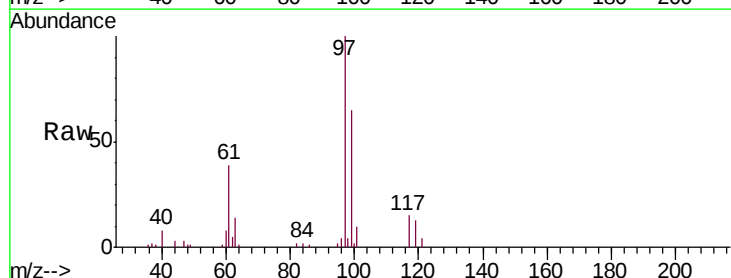
Tgt Ion: 97 Resp: 46907

Ion Ratio Lower Upper

97 100

99 65.2 31.9 95.9

61 41.5 20.4 61.3



Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

4.91

25000

20000

15000

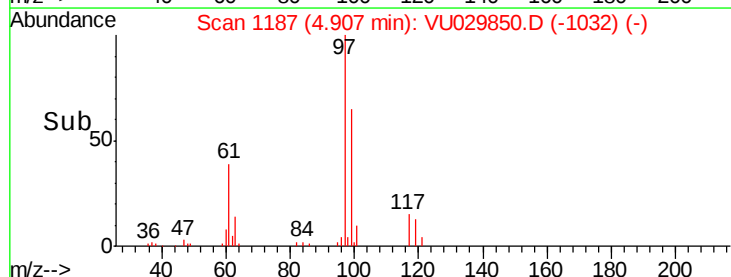
10000

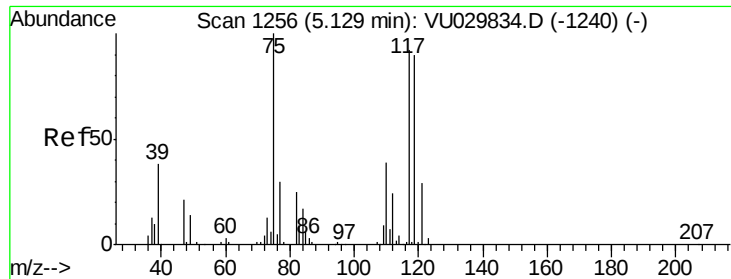
5000

0

Time-->

4.80 4.85 4.90 4.95 5.00

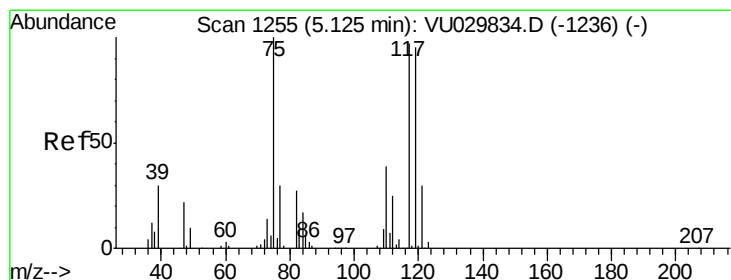
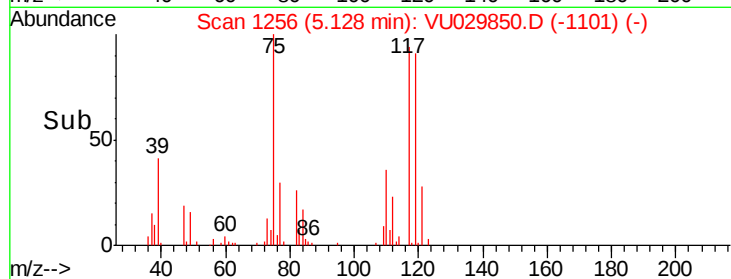
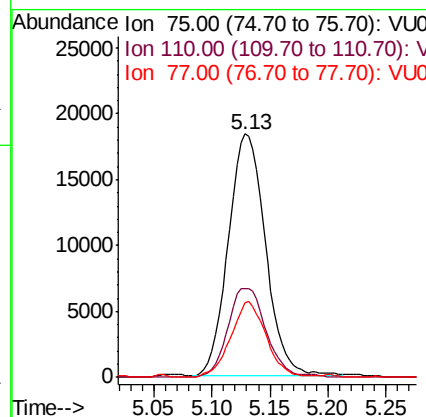
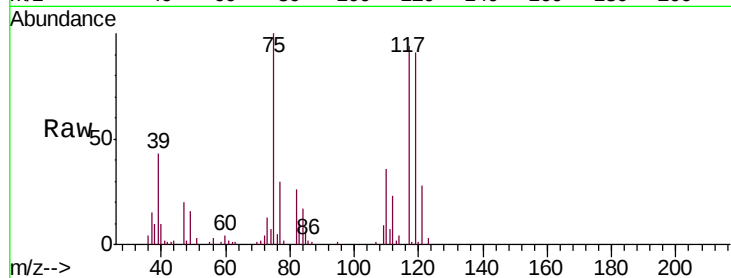




#29
 1,1-Dichloropropene
 Concen: 1.846 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

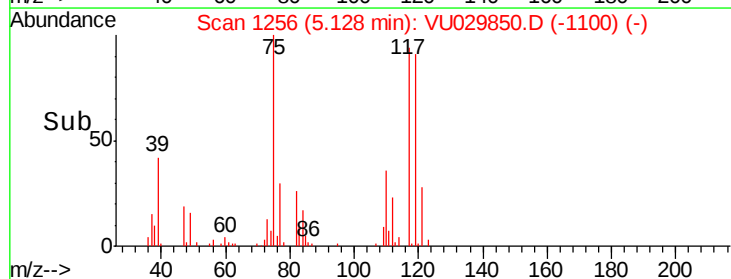
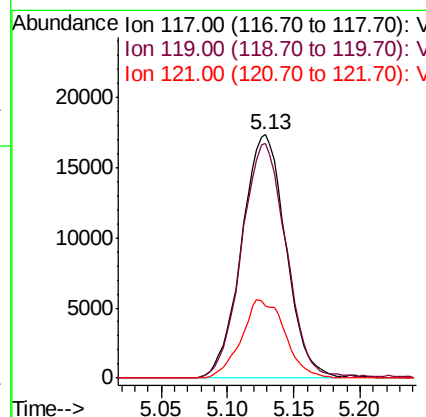
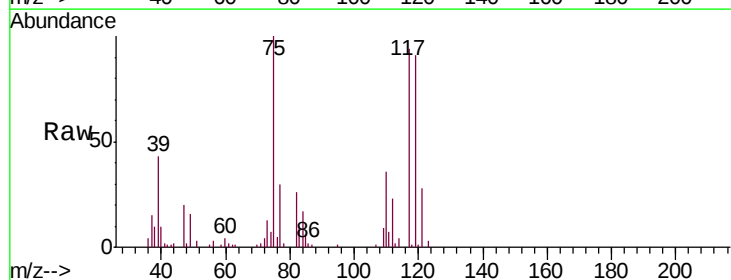
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

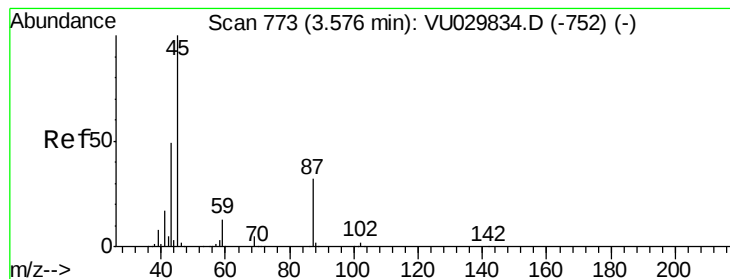
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	19.1	57.5
77	29.7	23.9	35.9



#30
 Carbon Tetrachloride
 Concen: 1.849 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.4	117.6
121	29.7	25.0	37.4





#31

Isopropyl Ether

Concen: 1.901 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

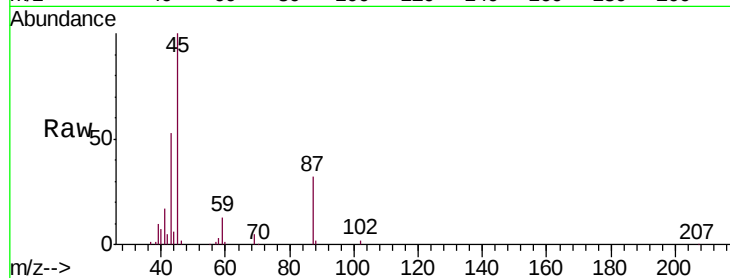
VU0308WBSD01

Tgt Ion: 45 Resp: 76075

Ion Ratio Lower Upper

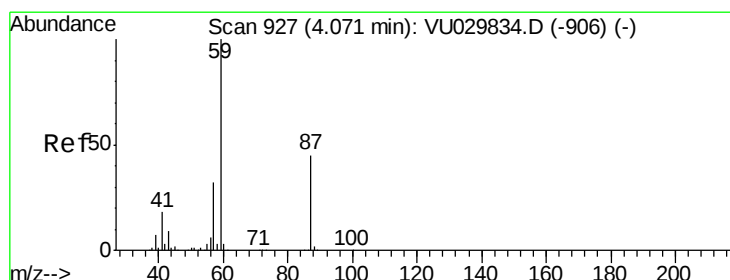
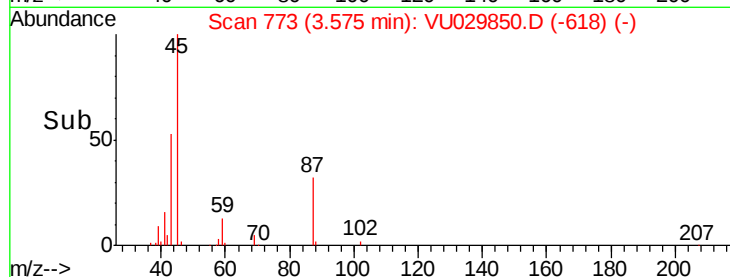
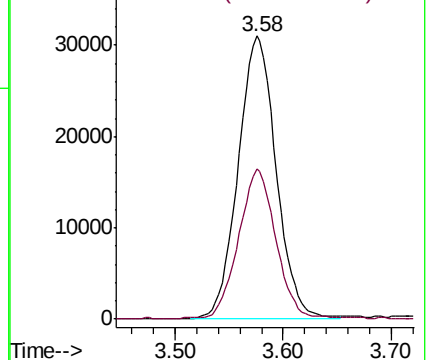
45 100

43 50.8 24.3 72.9



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.880 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029850.D

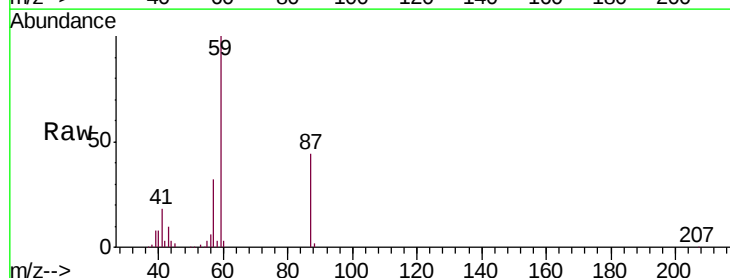
Acq: 07 Mar 2019 13:05

Tgt Ion: 59 Resp: 73138

Ion Ratio Lower Upper

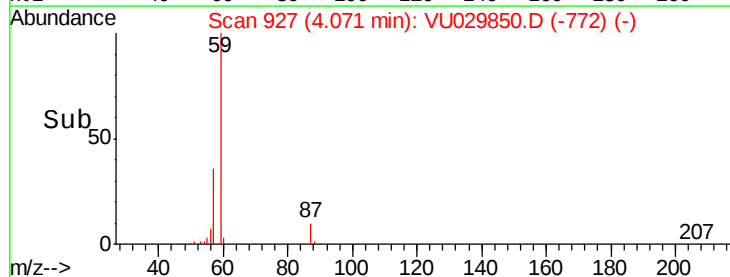
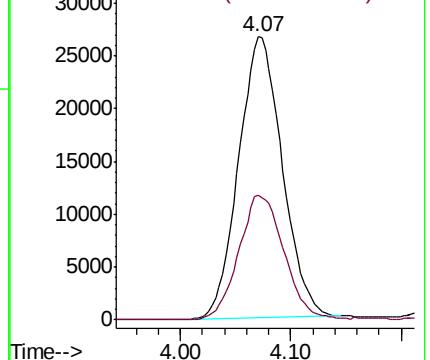
59 100

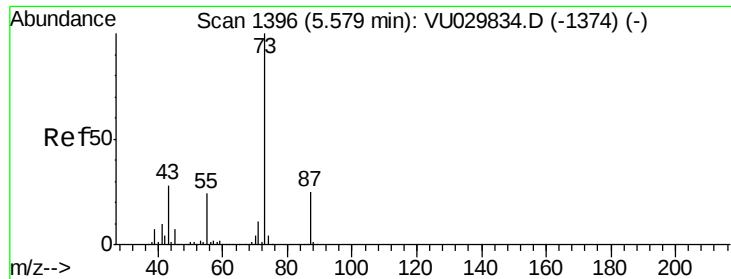
87 45.5 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

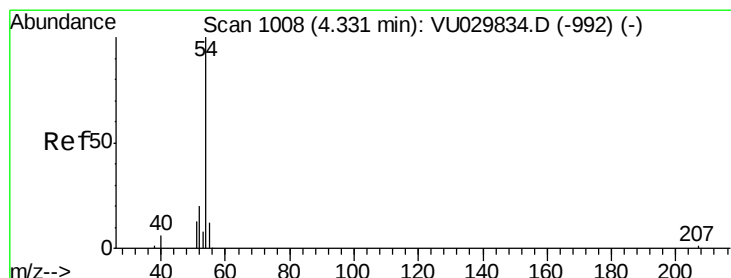
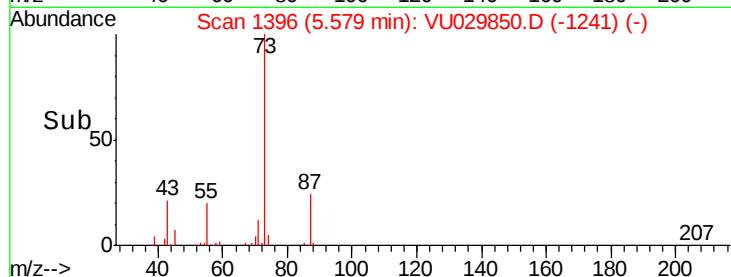
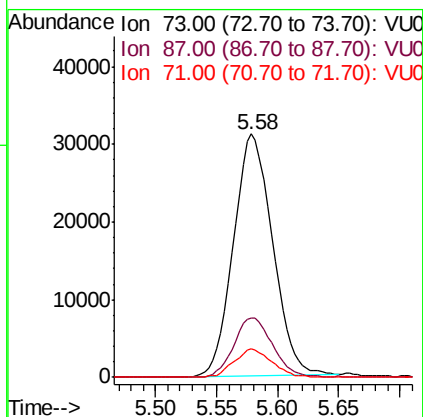
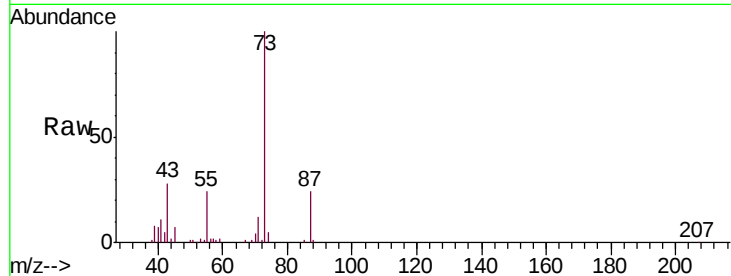




#33
Tert-Amyl methyl ether
Concen: 1.926 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

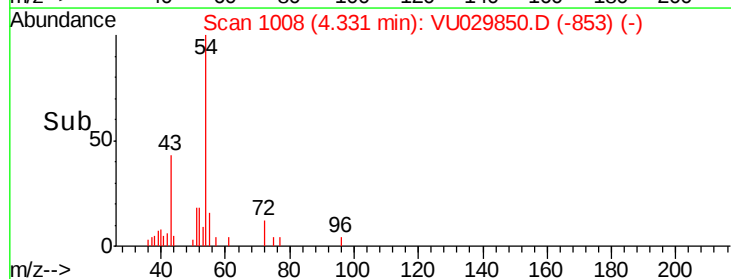
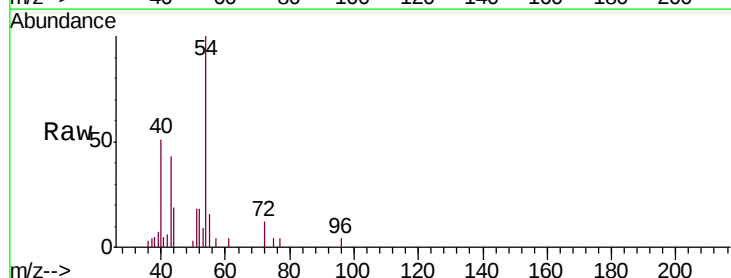
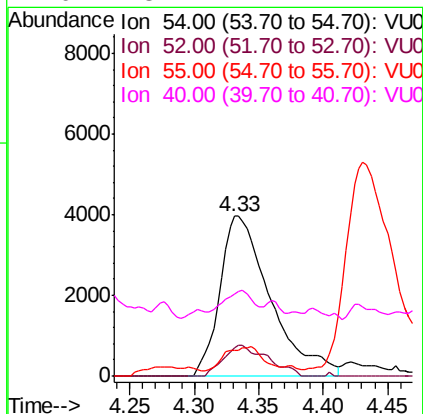
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

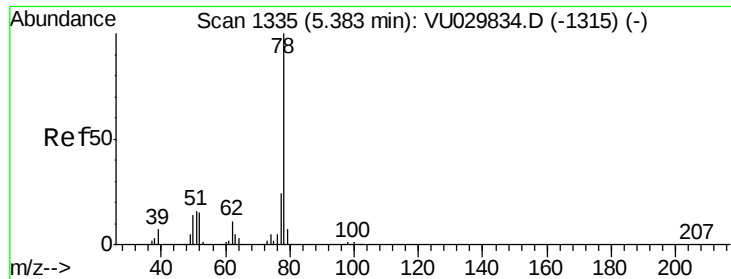
Tgt Ion: 73 Resp: 69294
Ion Ratio Lower Upper
73 100
87 24.3 19.7 29.5
71 11.3 9.4 14.2



#34
Propionitrile
Concen: 9.604 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 54 Resp: 10766
Ion Ratio Lower Upper
54 100
52 16.8 16.1 24.1
55 10.6 11.2 16.8#
40 8.4 4.7 7.1#

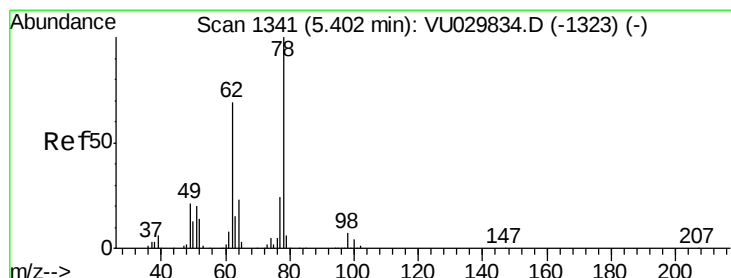
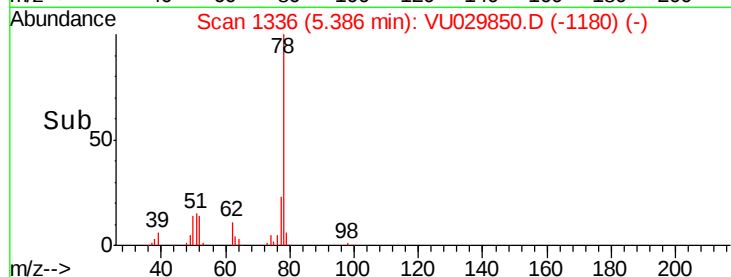
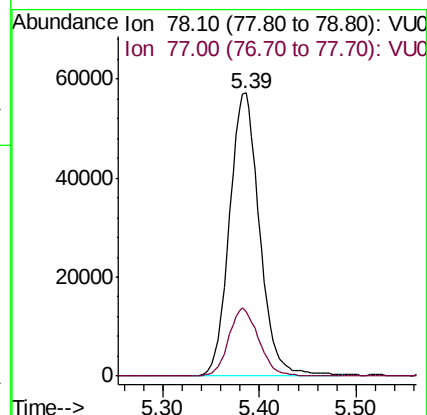
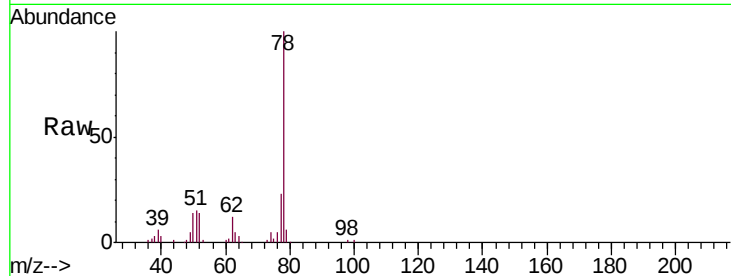




#35
Benzene
Concen: 1.898 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

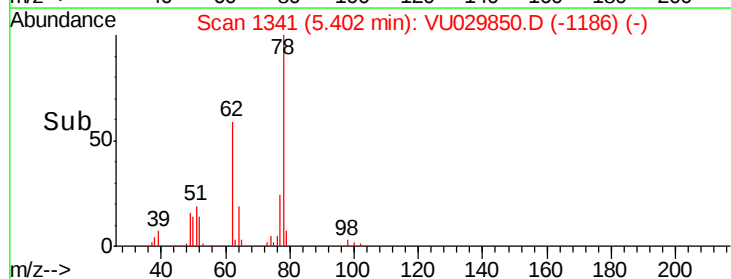
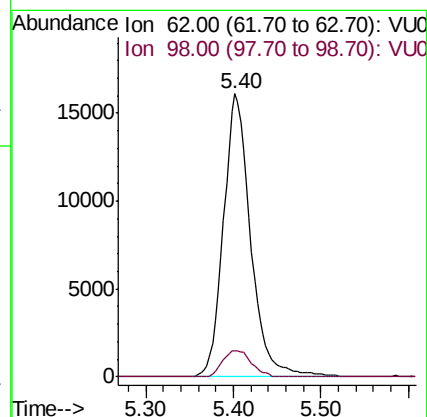
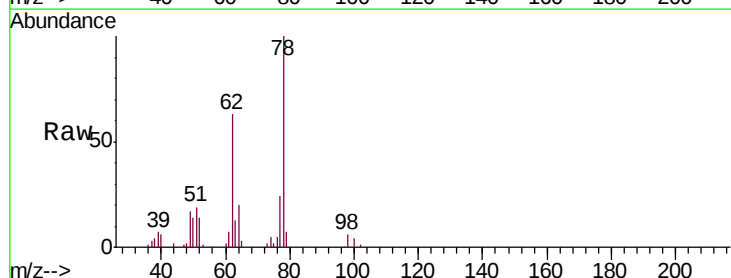
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

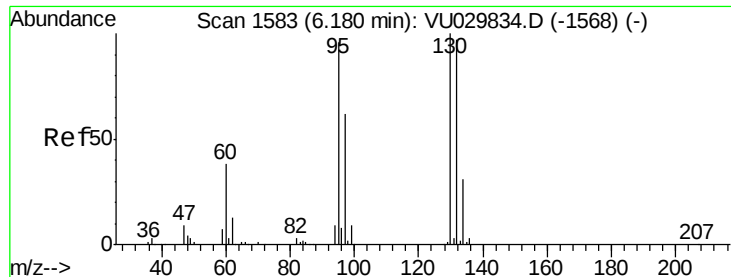
Tgt Ion: 78 Resp: 123808
Ion Ratio Lower Upper
78 100
77 22.9 19.2 28.8



#36
1,2-Dichloroethane
Concen: 1.956 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 62 Resp: 34847
Ion Ratio Lower Upper
62 100
98 9.7 8.2 12.2

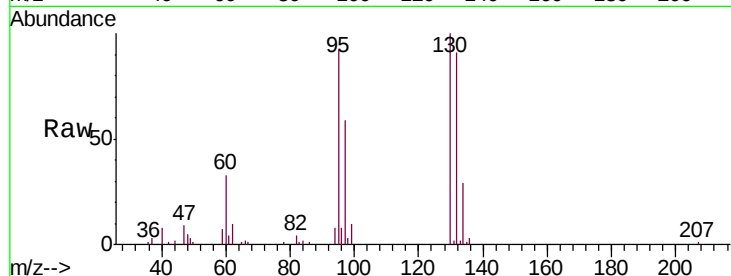




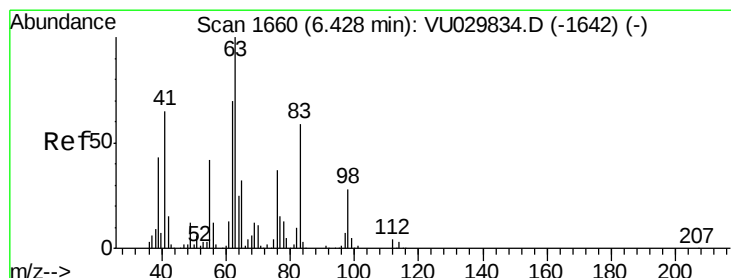
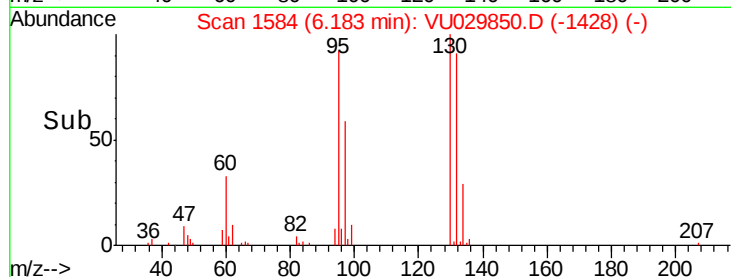
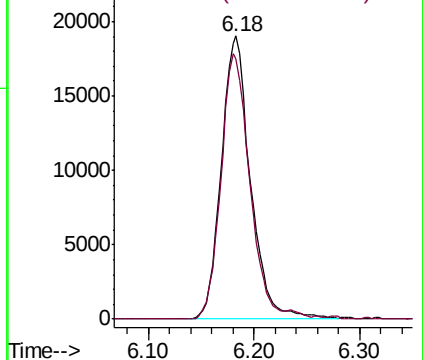
#37
 Trichloroethene
 Concen: 1.913 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

Tgt Ion:130 Resp: 36438
 Ion Ratio Lower Upper
 130 100
 95 91.8 76.6 114.8

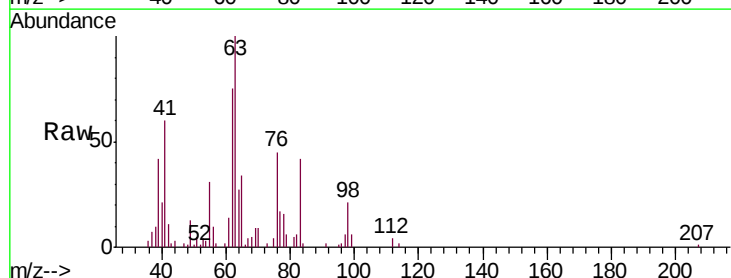


Abundance Ion 129.90 (129.60 to 130.60): VU029834.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU029834.D (-1568) (-)

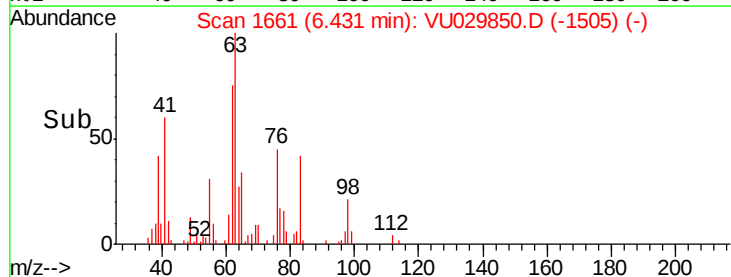
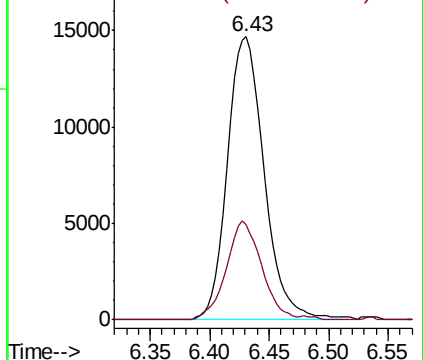


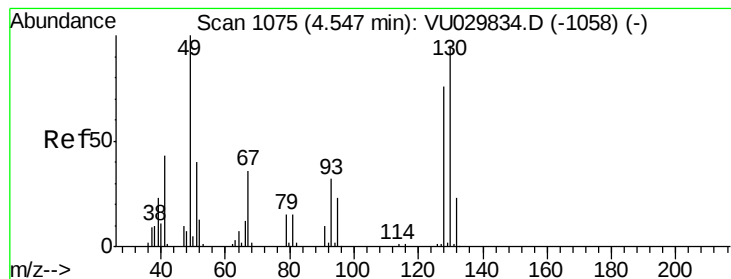
#38
 1,2-Dichloropropane
 Concen: 1.908 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 63 Resp: 31509
 Ion Ratio Lower Upper
 63 100
 65 33.5 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU029834.D (-1642) (-)





#39

Methacrylonitrile

Concen: 1.825 ug/l

RT: 4.55 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

Tgt Ion: 41 Resp: 8606

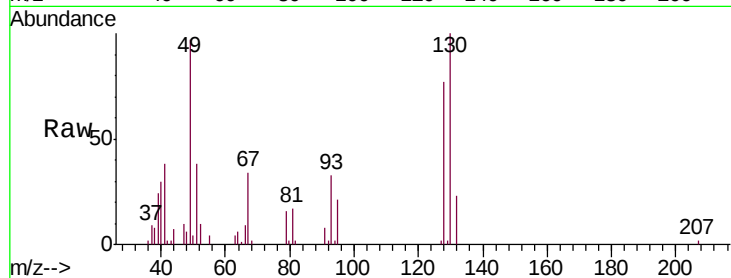
Ion Ratio Lower Upper

41 100

67 83.3 68.4 102.6

39 61.3 42.6 63.8

52 29.1 26.2 39.4

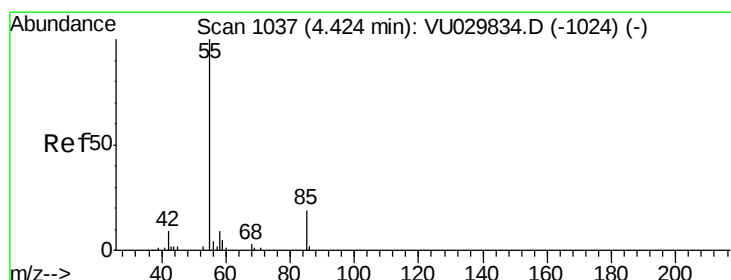
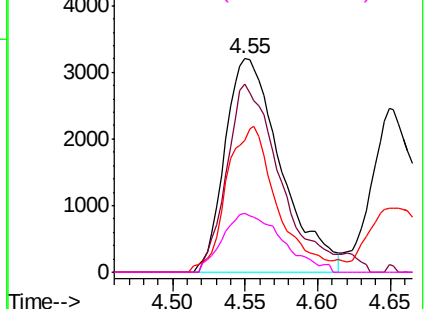
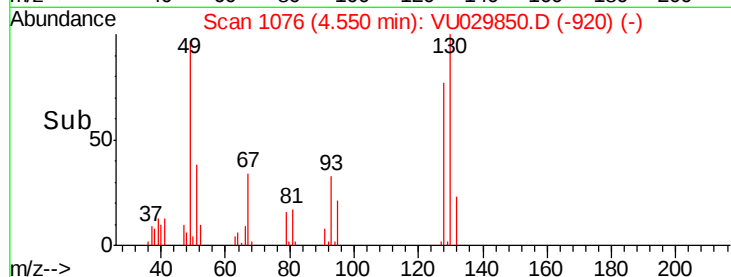


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 1.715 ug/l

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Tgt Ion: 55 Resp: 12780

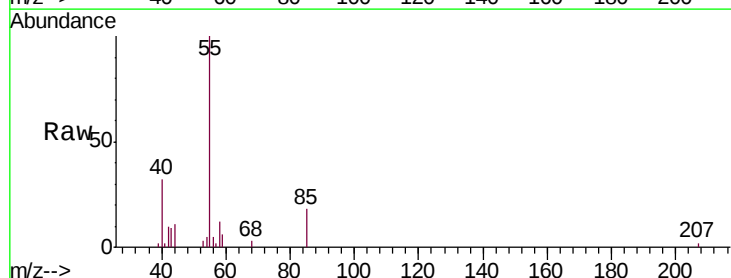
Ion Ratio Lower Upper

55 100

85 20.4 15.2 22.8

58 8.8 7.6 11.4

42 6.5 7.5 11.3#

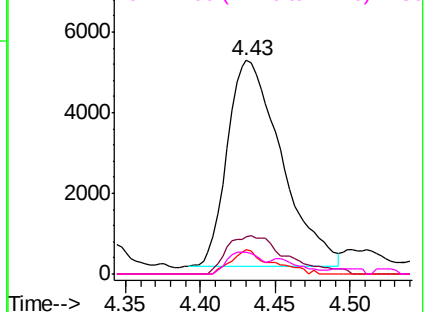
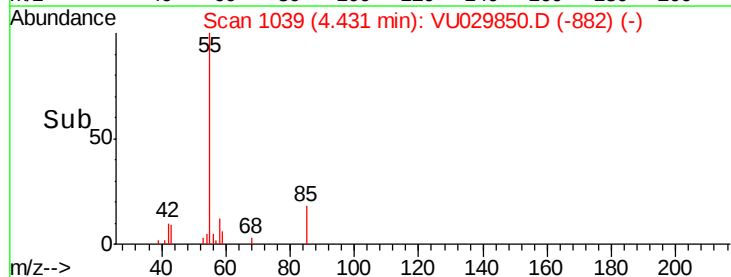


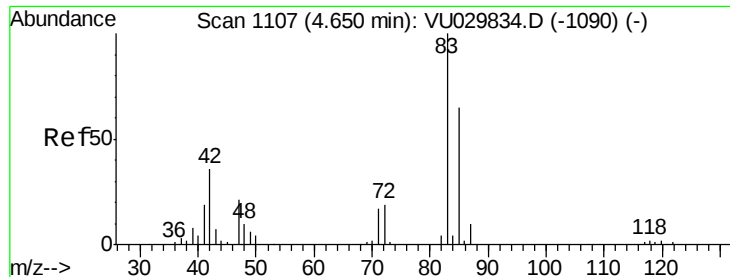
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

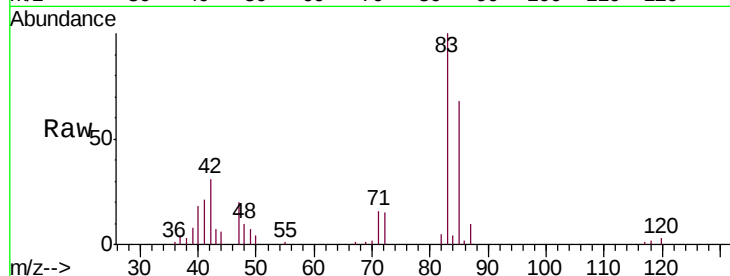




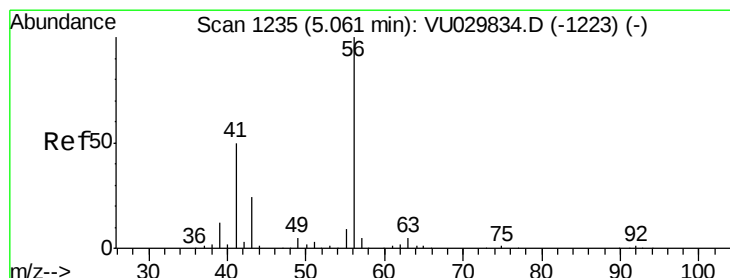
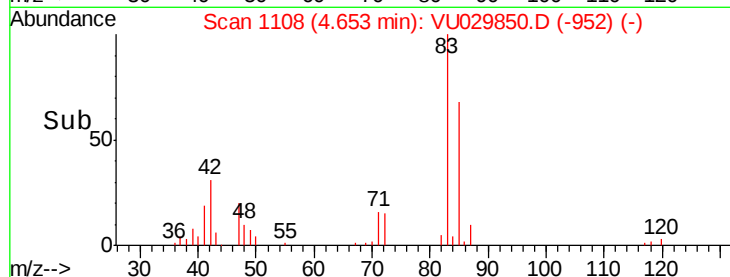
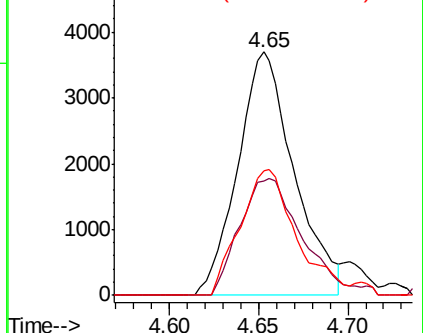
#41
Tetrahydrofuran
Concen: 3.303 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

Tgt Ion: 42 Resp: 8147
Ion Ratio Lower Upper
42 100
72 53.5 43.6 65.4
71 51.4 37.5 56.3

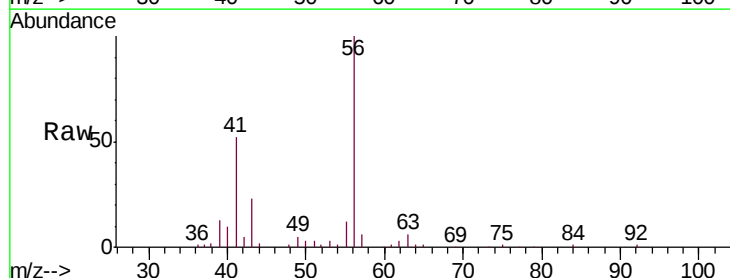


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

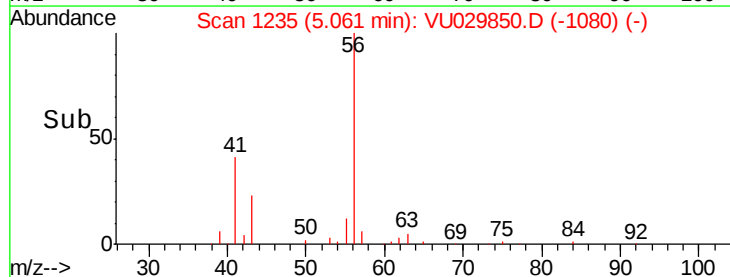
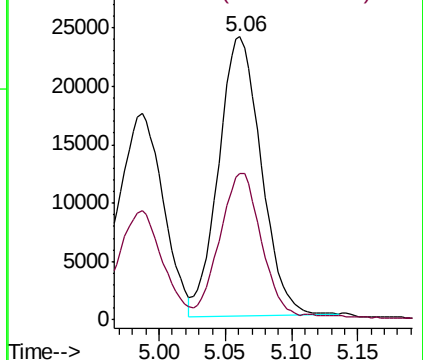


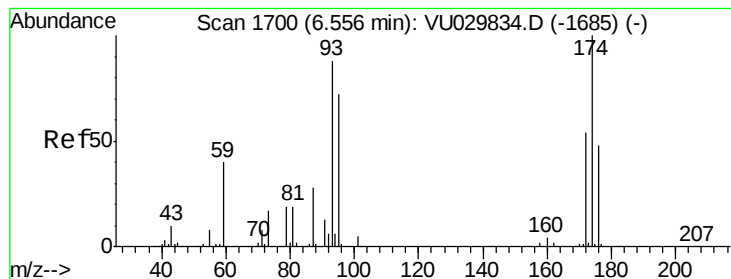
#42
1-Chlorobutane
Concen: 1.881 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 56 Resp: 53201
Ion Ratio Lower Upper
56 100
41 49.0 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.857 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

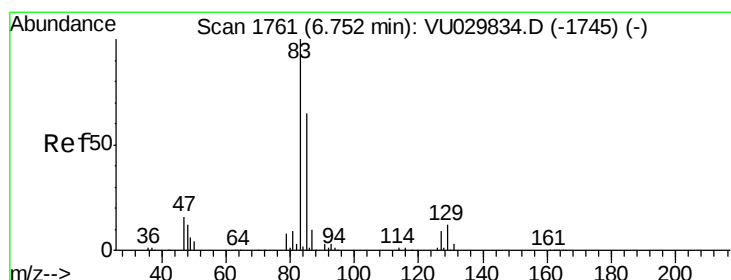
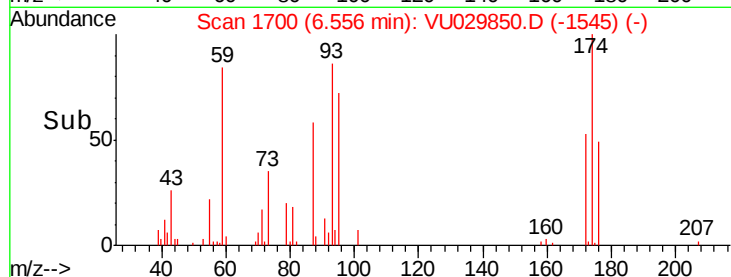
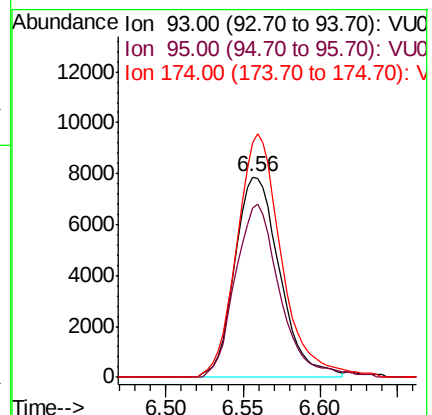
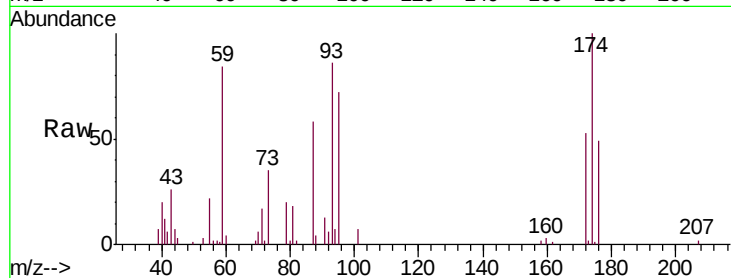
Tgt Ion: 93 Resp: 15895

Ion Ratio Lower Upper

93 100

95 86.1 67.0 100.6

174 120.8 91.4 137.2



#44

Bromodichloromethane

Concen: 1.848 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

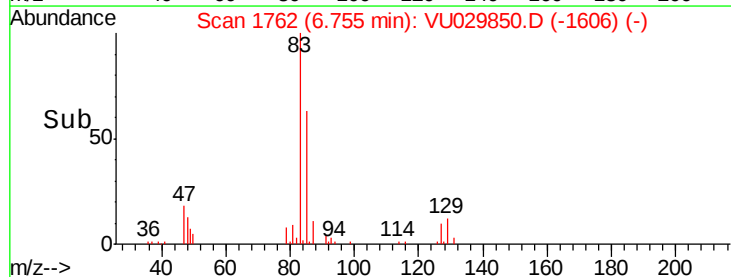
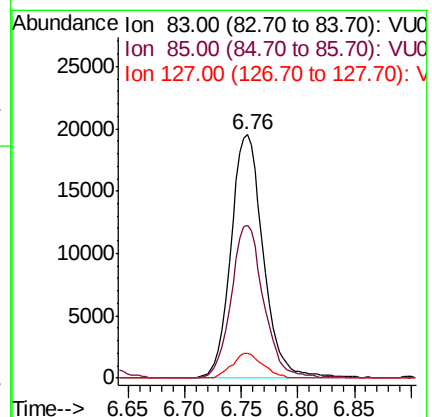
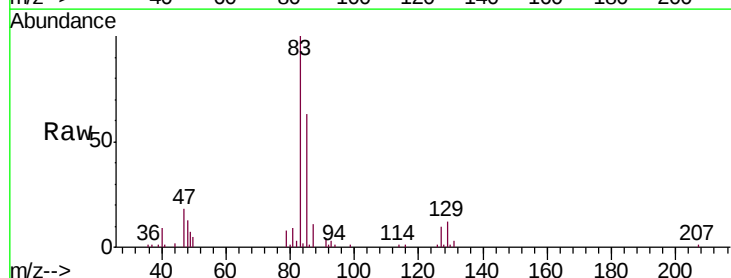
Tgt Ion: 83 Resp: 38845

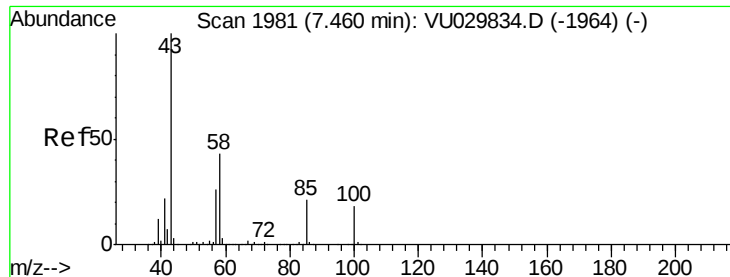
Ion Ratio Lower Upper

83 100

85 62.9 51.7 77.5

127 10.4 7.4 11.2

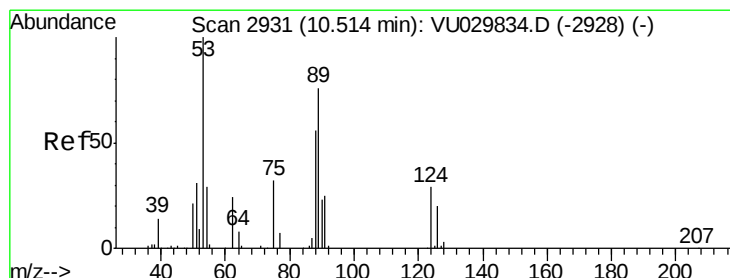
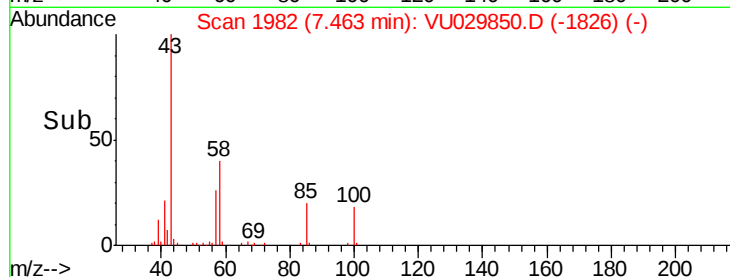
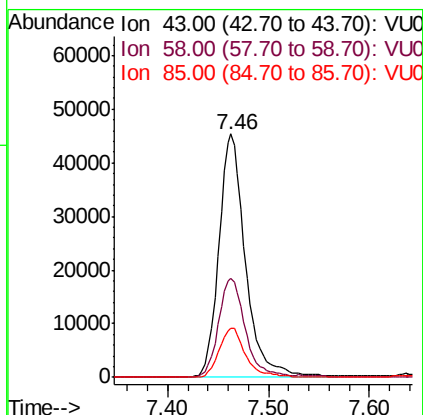
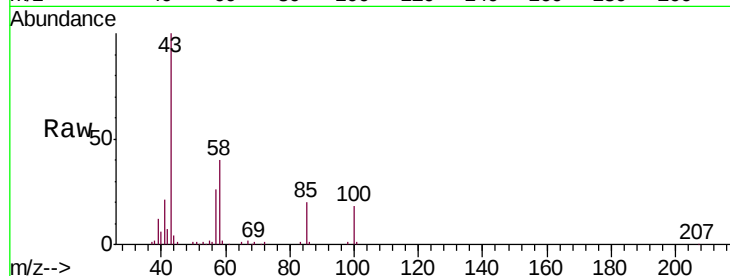




#45
4-Methyl-2-Pentanone
Concen: 9.371 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

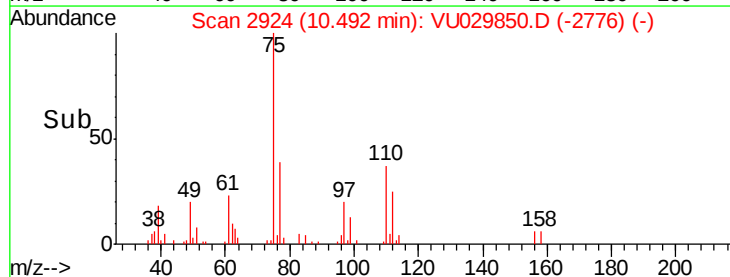
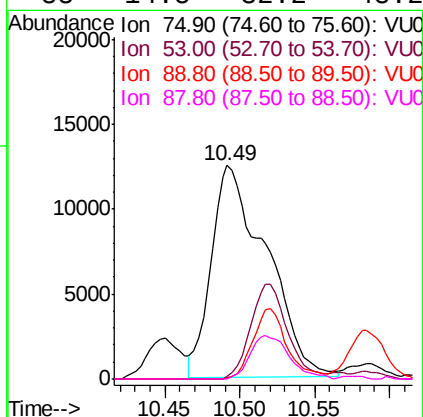
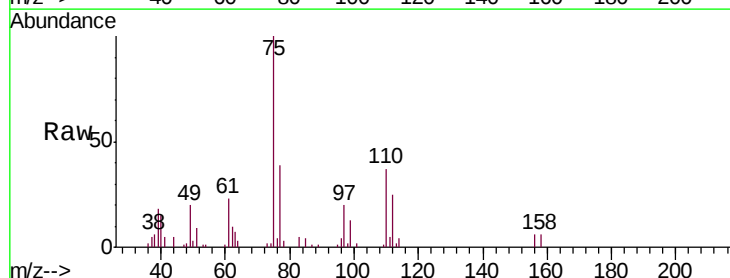
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

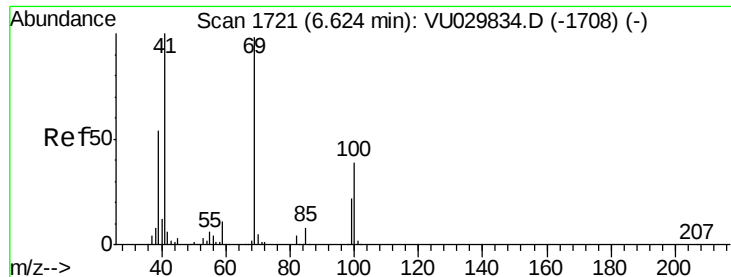
Tgt Ion: 43 Resp: 83636
Ion Ratio Lower Upper
43 100
58 40.7 21.6 65.0
85 20.2 16.5 24.7



#46
t-1,4-Dichloro-2-butene
Concen: 8.628 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 75 Resp: 32195
Ion Ratio Lower Upper
75 100
53 29.7 59.2 88.8#
89 20.4 44.9 67.3#
88 14.5 32.2 48.2#

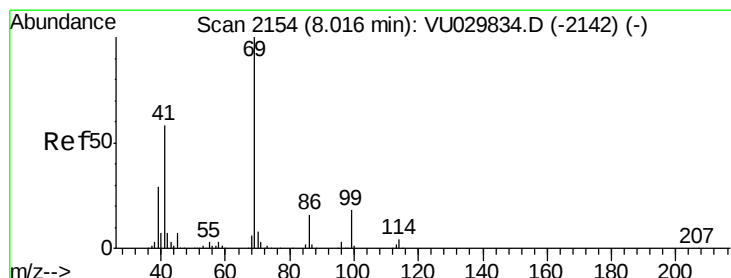
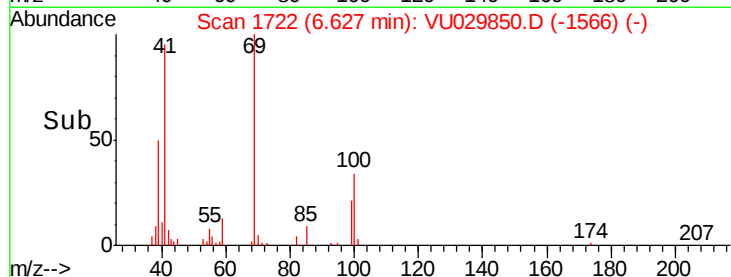
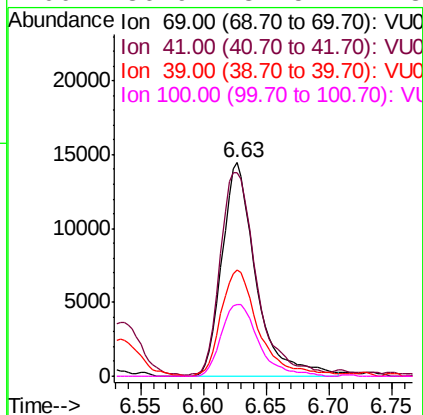
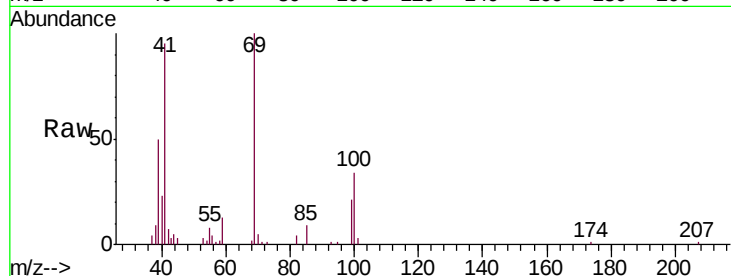




#47
Methyl methacrylate
Concen: 3.711 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

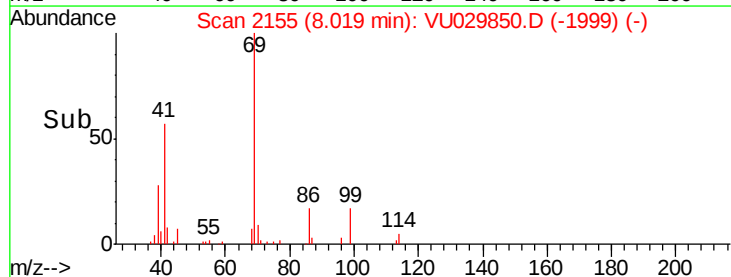
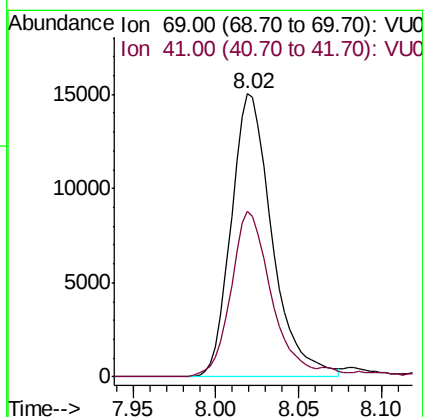
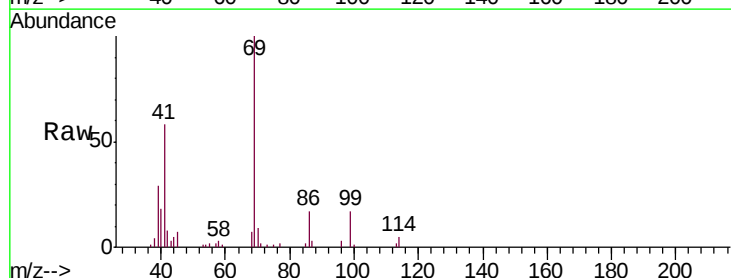
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

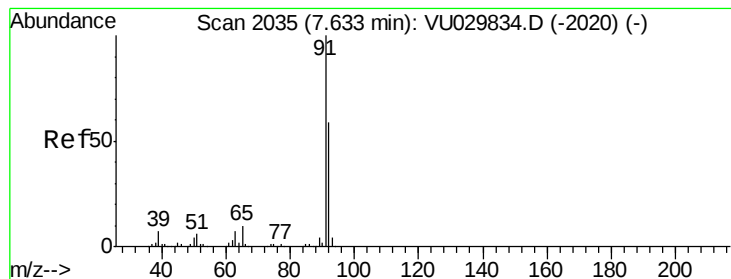
Tgt Ion: 69 Resp: 27249
Ion Ratio Lower Upper
69 100
41 99.7 0.0 201.0
39 55.1 43.3 64.9
100 36.9 31.5 47.3



#48
Ethyl methacrylate
Concen: 1.835 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 69 Resp: 25824
Ion Ratio Lower Upper
69 100
41 57.1 29.0 87.1





#49

Toluene

Concen: 1.870 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

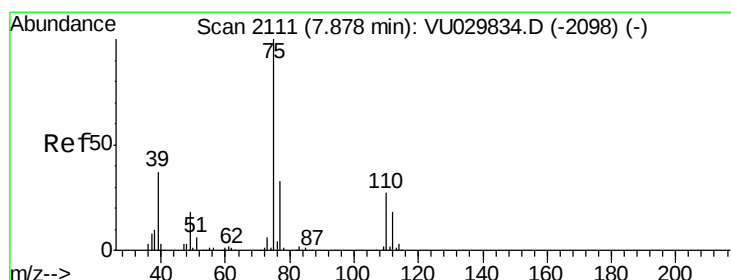
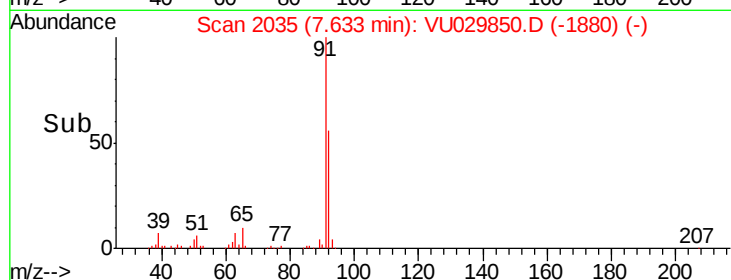
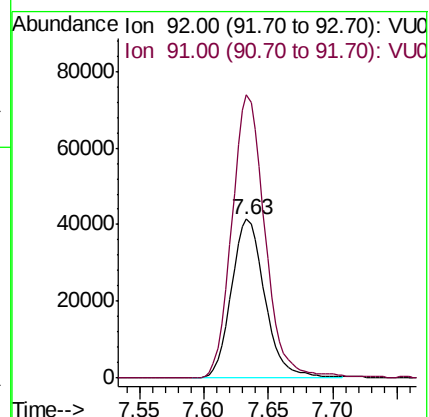
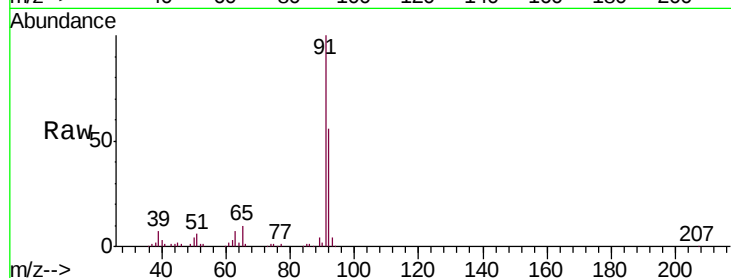
VU0308WBSD01

Tgt Ion: 92 Resp: 74896

Ion Ratio Lower Upper

92 100

91 176.4 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 1.751 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029850.D

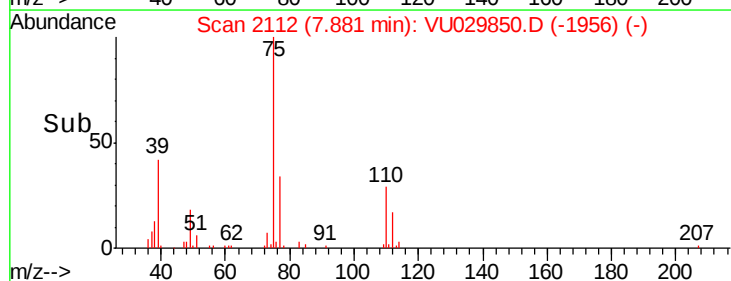
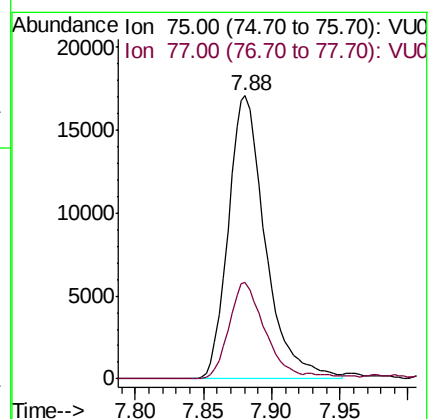
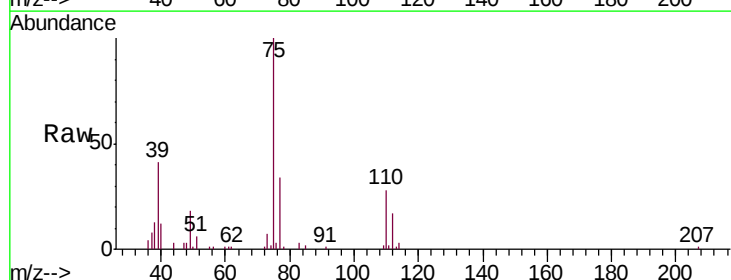
Acq: 07 Mar 2019 13:05

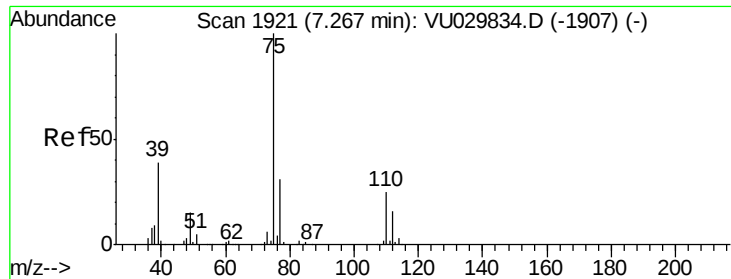
Tgt Ion: 75 Resp: 32253

Ion Ratio Lower Upper

75 100

77 34.0 26.4 39.6

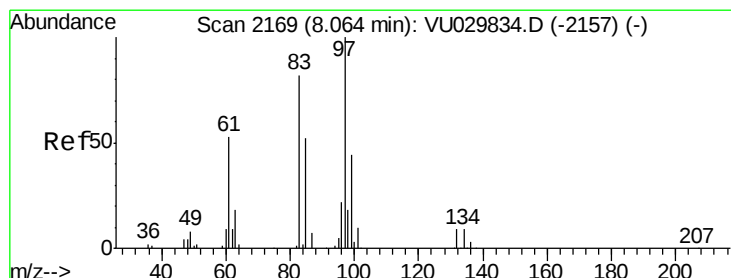
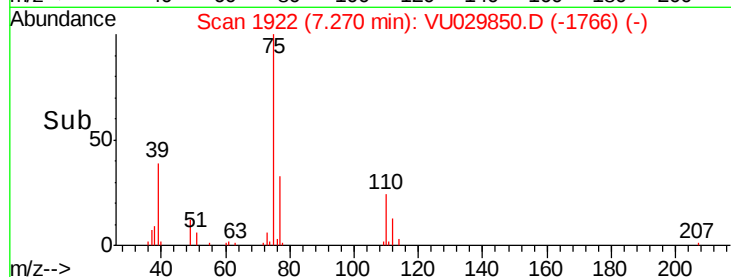
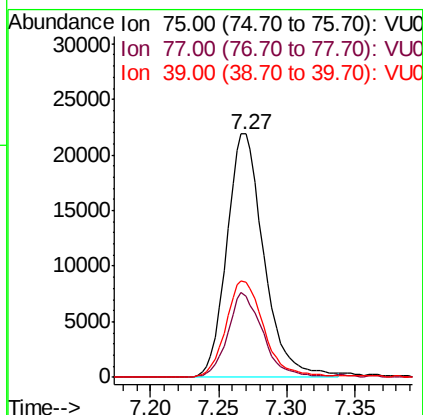
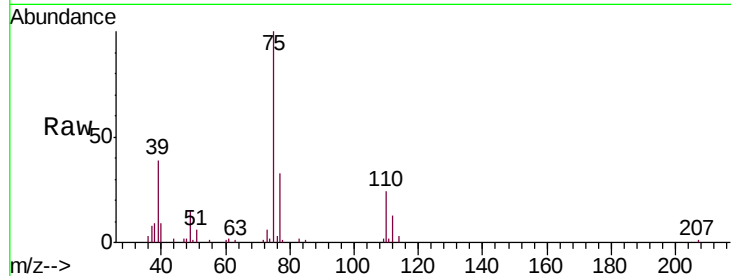




#51
 cis-1,3-Dichloropropene
 Concen: 1.818 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

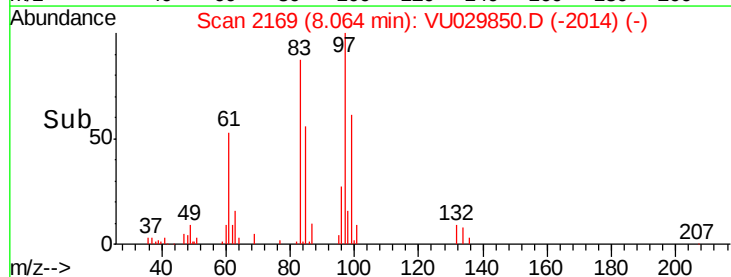
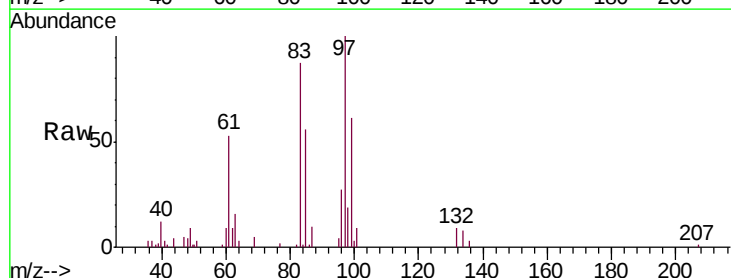
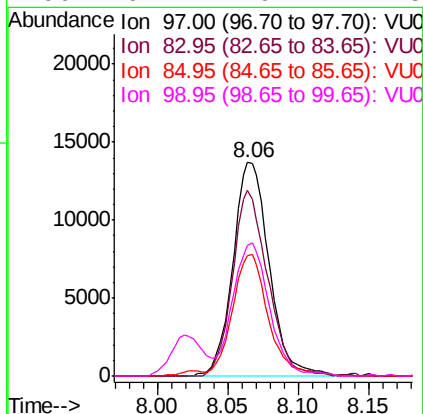
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

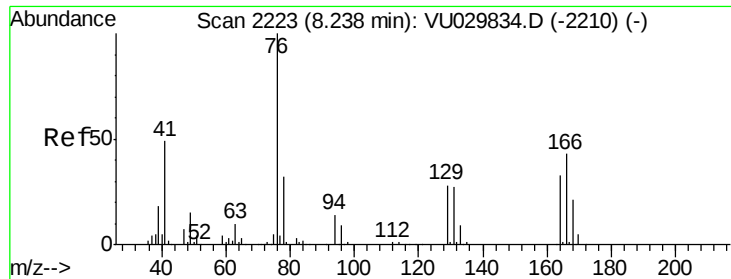
Tgt Ion: 75 Resp: 41457
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.9 37.3
 39 39.0 30.8 46.2



#52
 1,1,2-Trichloroethane
 Concen: 1.943 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 97 Resp: 24609
 Ion Ratio Lower Upper
 97 100
 83 87.1 65.9 98.9
 85 56.5 43.0 64.6
 99 61.2 49.7 74.5

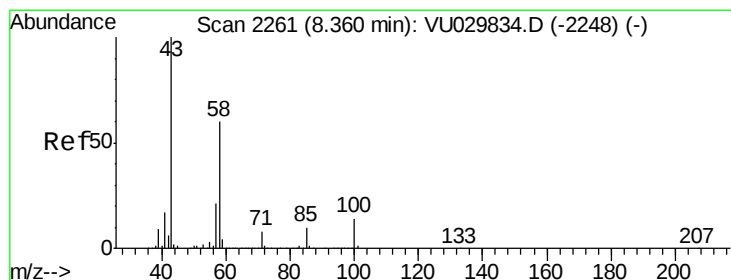
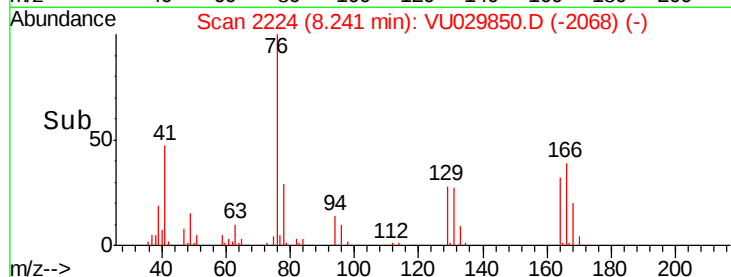
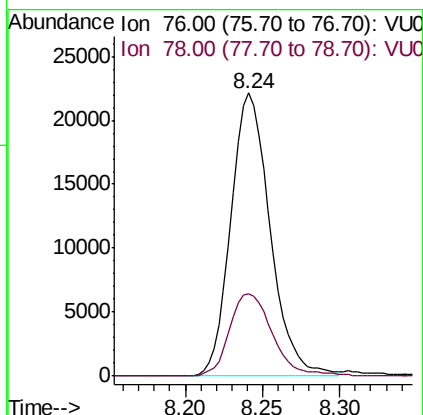
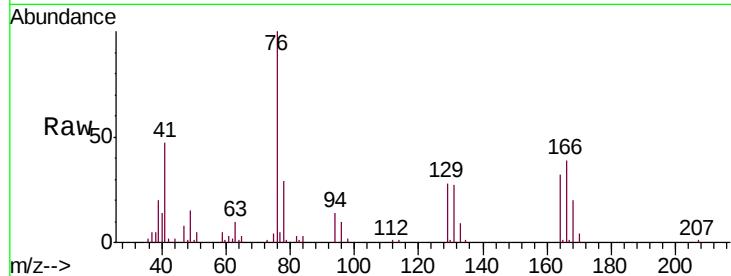




#53
 1,3-Dichloropropane
 Concen: 1.880 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

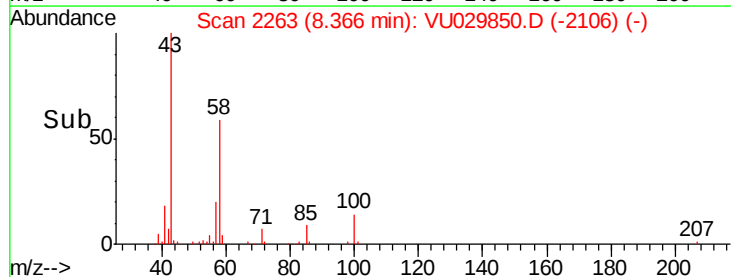
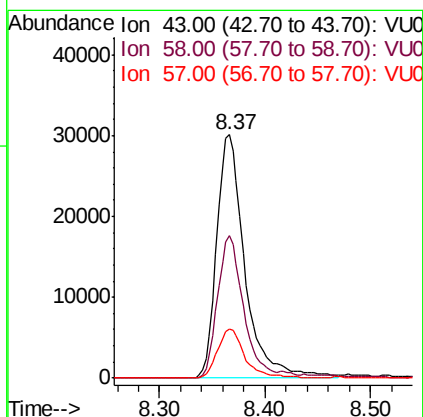
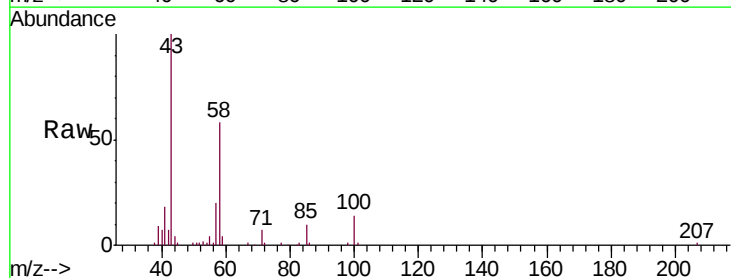
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

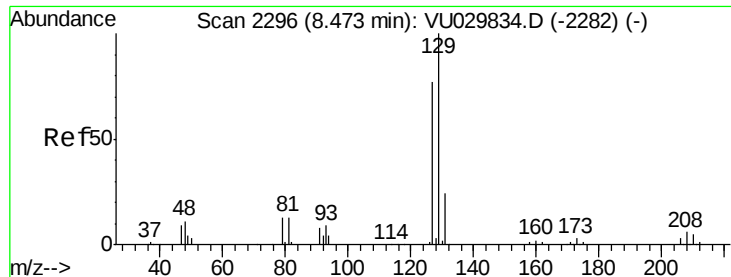
Tgt Ion: 76 Resp: 39066
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#54
 2-Hexanone
 Concen: 9.014 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 43 Resp: 55873
 Ion Ratio Lower Upper
 43 100
 58 55.4 39.6 79.6
 57 19.5 0.5 40.5

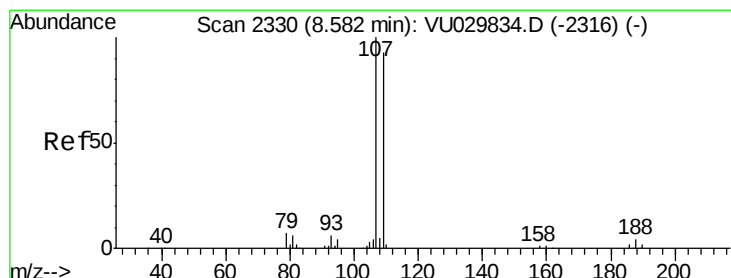
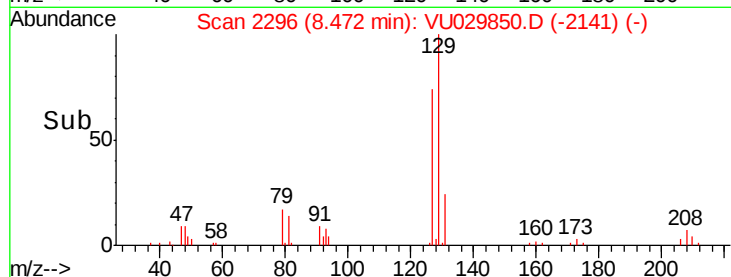
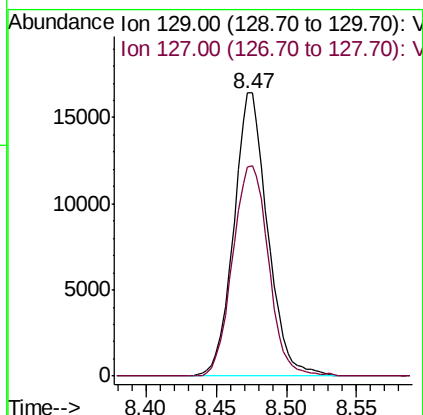
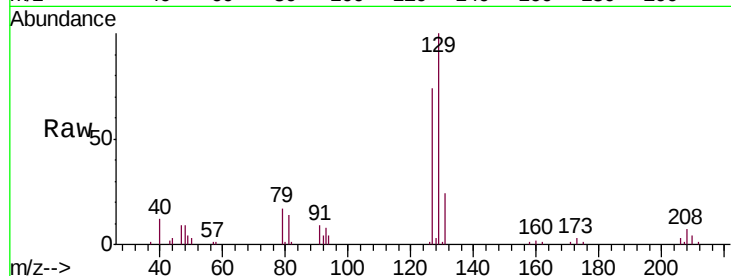




#55
Dibromochloromethane
Concen: 1.843 ug/l
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

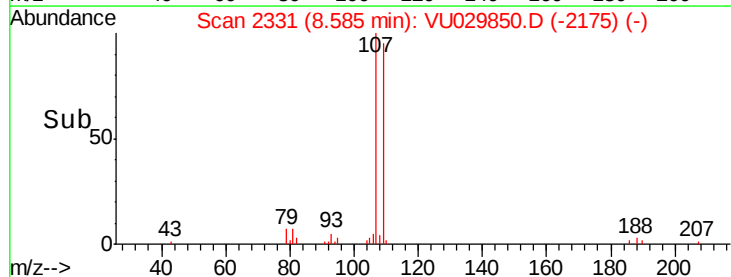
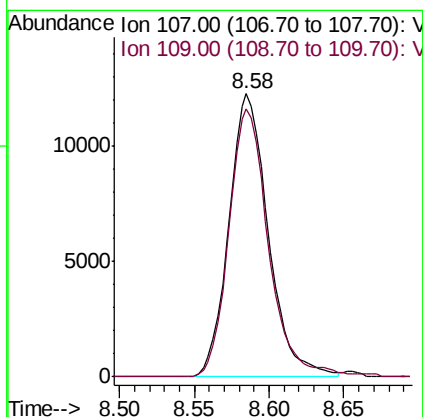
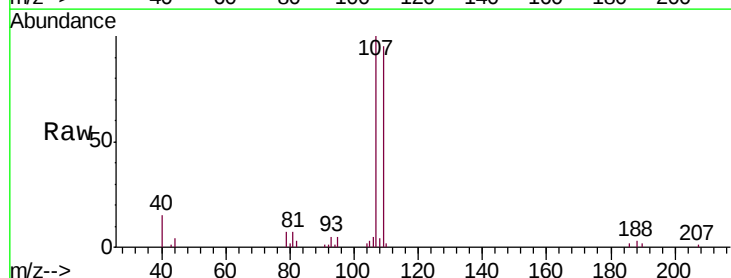
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

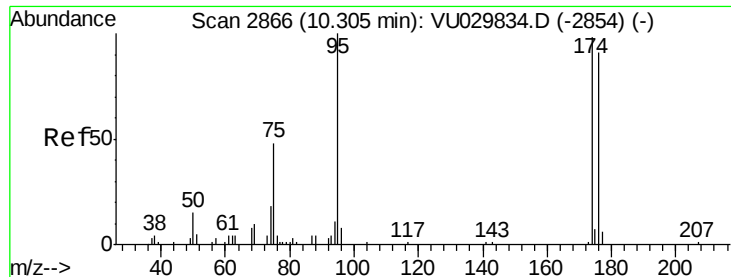
Tgt Ion:129 Resp: 27701
Ion Ratio Lower Upper
129 100
127 78.4 61.6 92.4



#56
1,2-Dibromoethane
Concen: 1.870 ug/l
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion:107 Resp: 22457
Ion Ratio Lower Upper
107 100
109 95.6 0.0 188.4

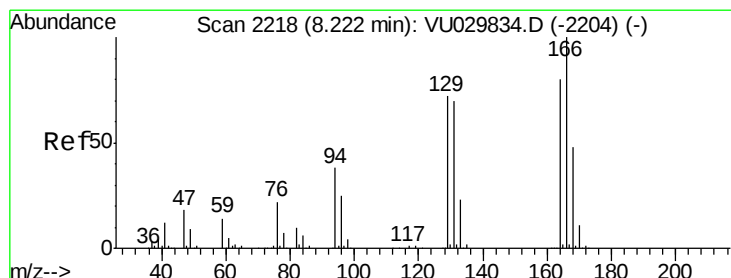
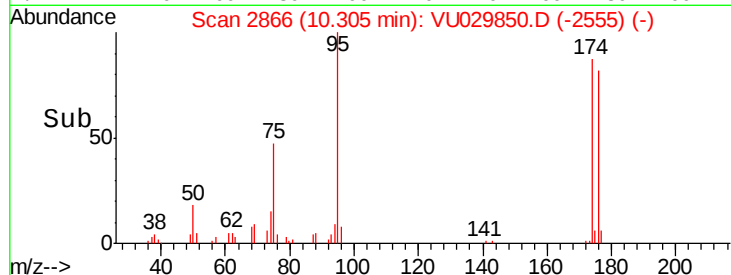
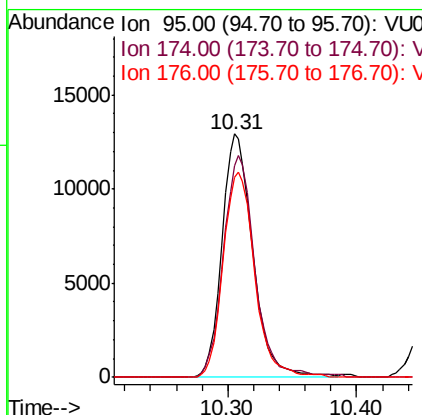
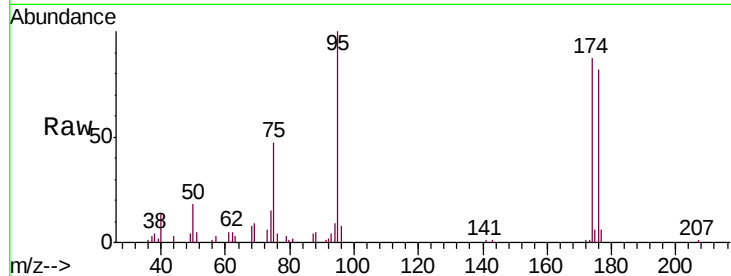




#57
4-Bromofluorobenzene
Concen: 1.870 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

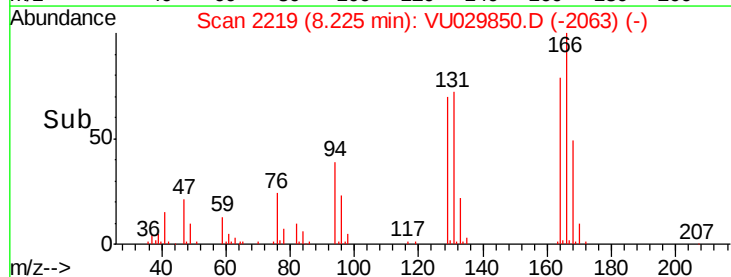
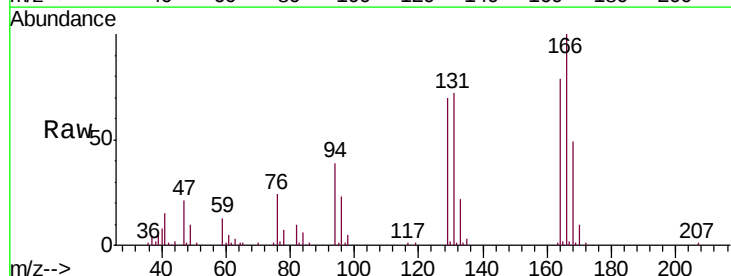
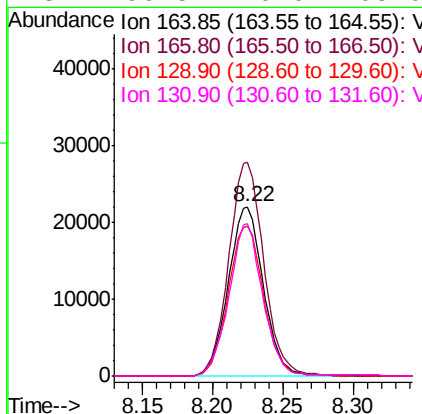
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

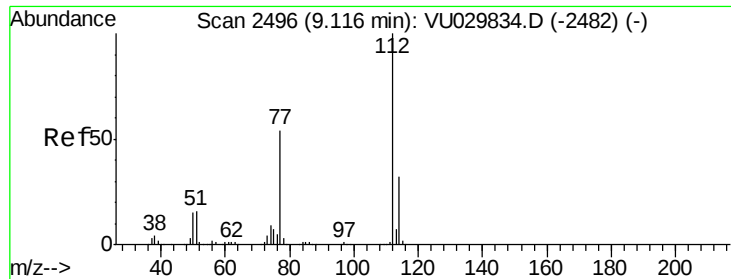
Tgt Ion: 95 Resp: 21496
Ion Ratio Lower Upper
95 100
174 93.2 76.5 114.7
176 85.3 74.2 111.2



#58
Tetrachloroethene
Concen: 1.964 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 164 Resp: 38199
Ion Ratio Lower Upper
164 100
166 126.4 100.5 150.7
129 89.0 72.3 108.5
131 90.5 70.0 105.0





#59

Chlorobenzene

Concen: 1.876 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

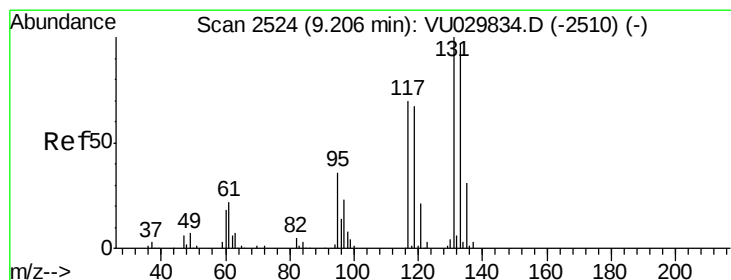
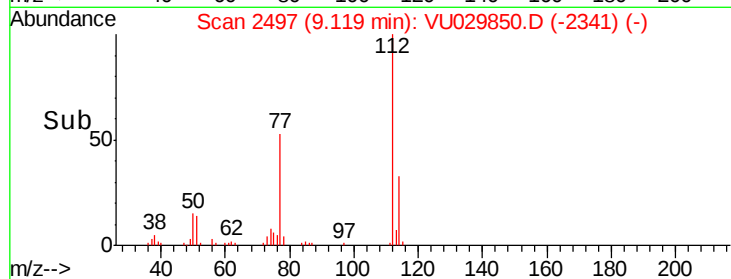
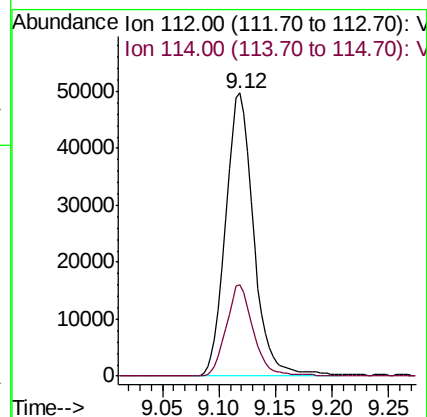
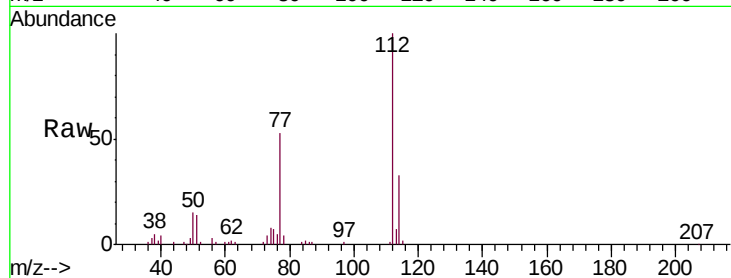
VU0308WBSD01

Tgt Ion:112 Resp: 86357

Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 1.872 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

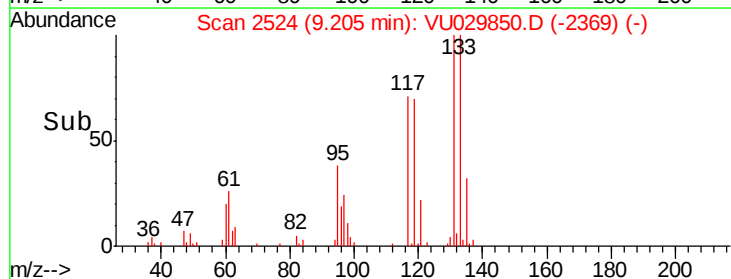
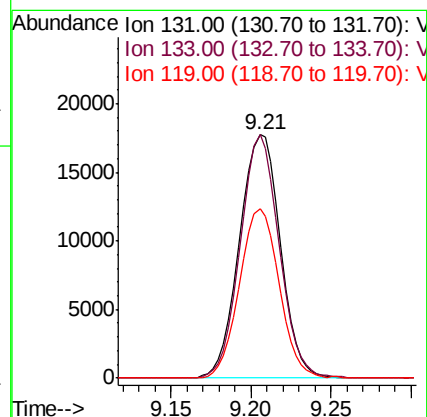
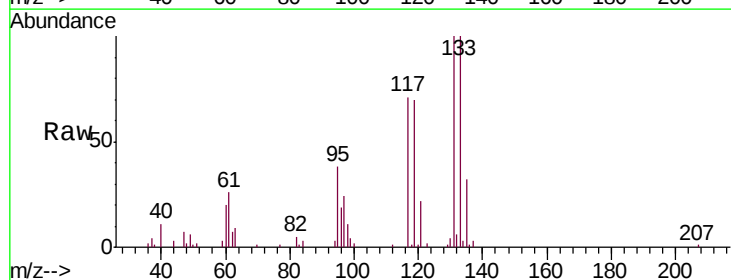
Tgt Ion:131 Resp: 30912

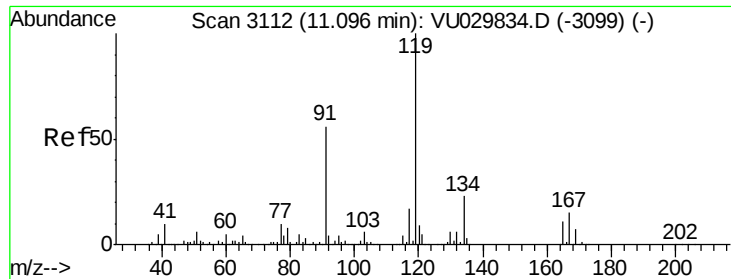
Ion Ratio Lower Upper

131 100

133 95.0 76.4 114.6

119 67.5 54.2 81.4

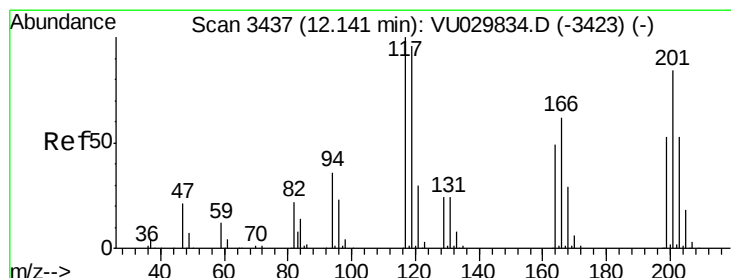
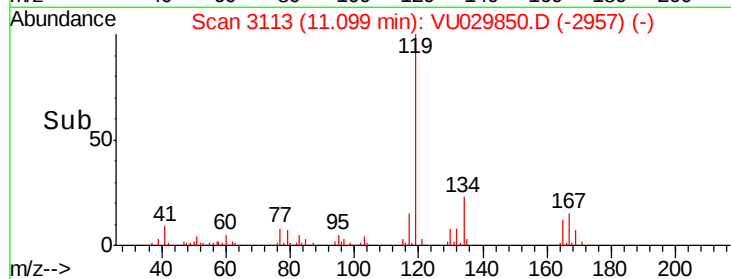
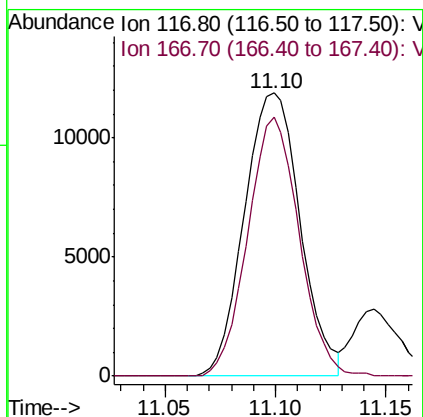
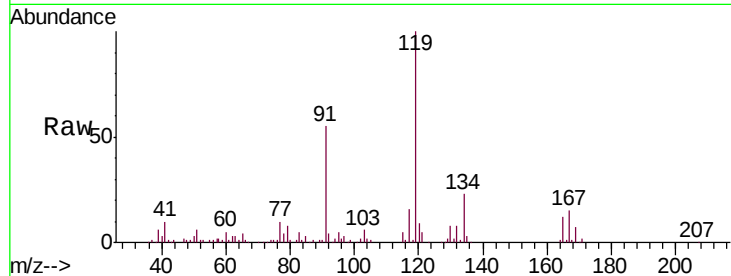




#61
 Pentachloroethane
 Concen: 1.812 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

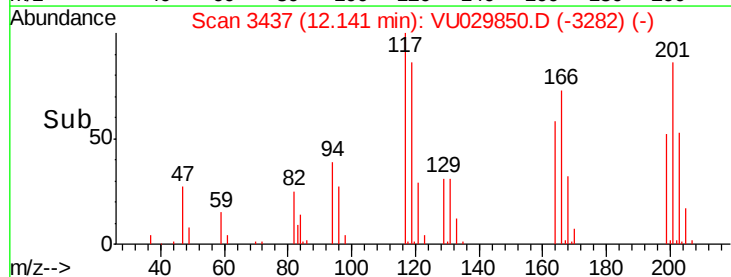
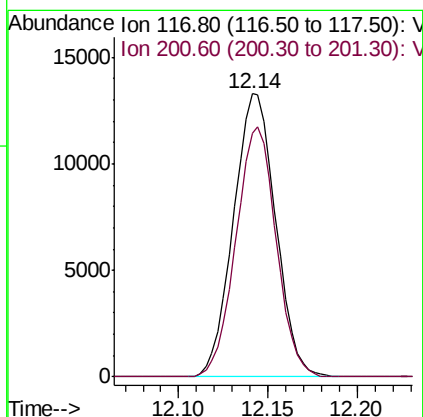
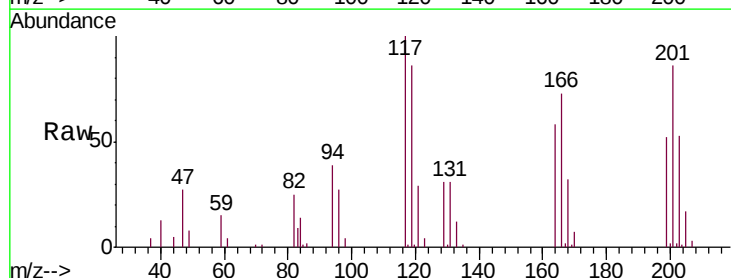
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

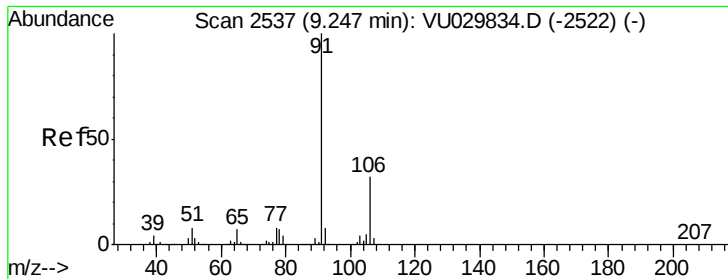
Tgt Ion:117 Resp: 20837
 Ion Ratio Lower Upper
 117 100
 167 84.1 71.4 107.2



#62
 Hexachloroethane
 Concen: 1.815 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion:117 Resp: 21957
 Ion Ratio Lower Upper
 117 100
 201 84.3 68.2 102.2

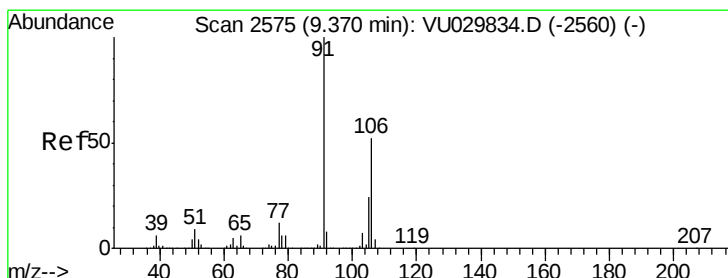
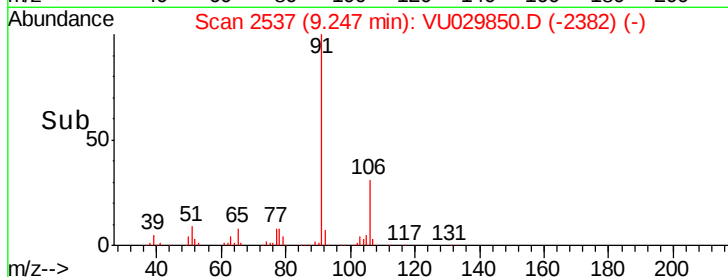
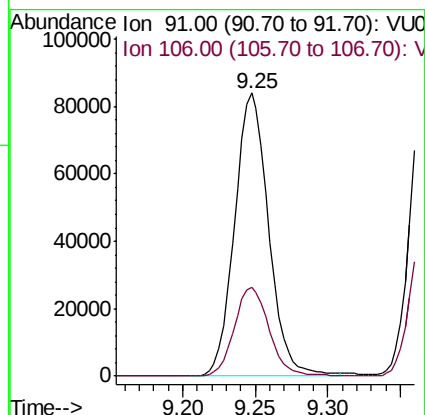
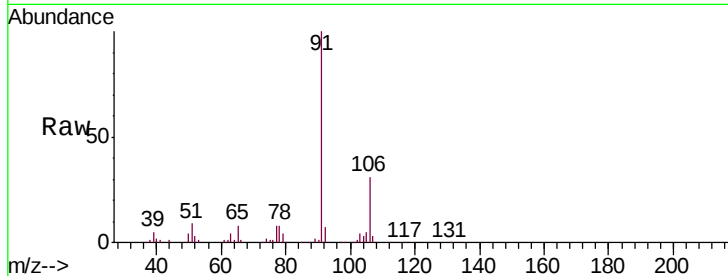




#63
Ethyl Benzene
Concen: 1.812 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

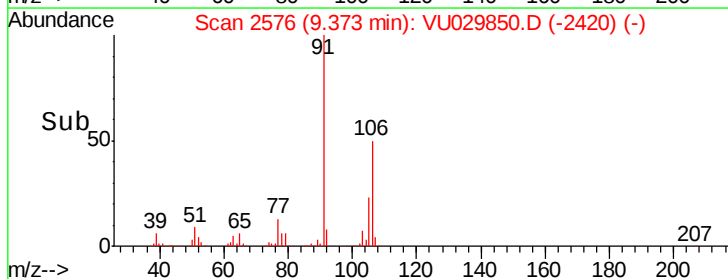
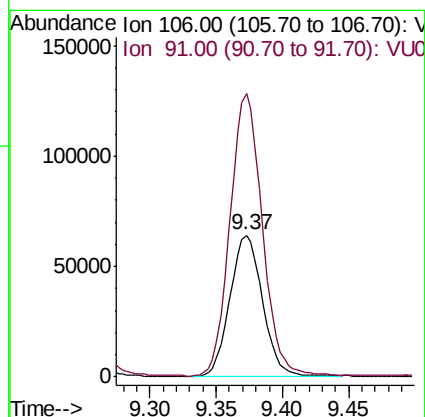
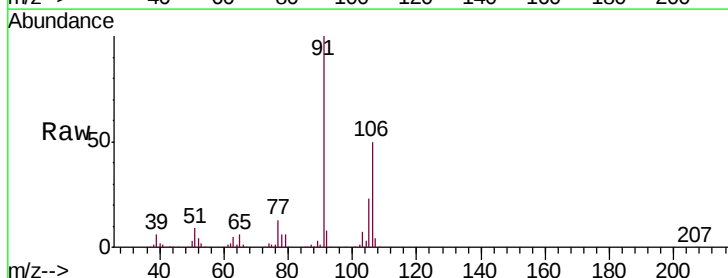
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

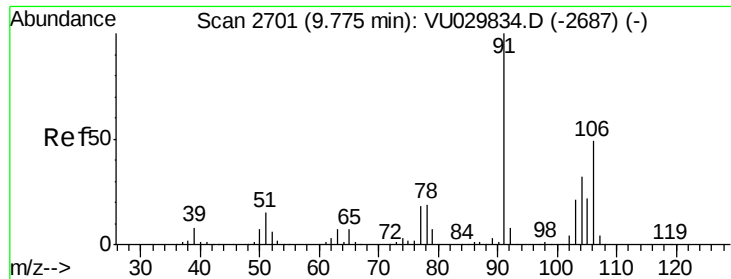
Tgt Ion: 91 Resp: 136646
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#64
m/p-Xylenes
Concen: 3.679 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion: 106 Resp: 109688
Ion Ratio Lower Upper
106 100
91 197.2 155.3 232.9

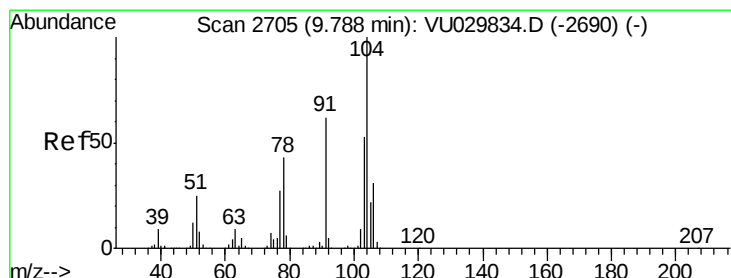
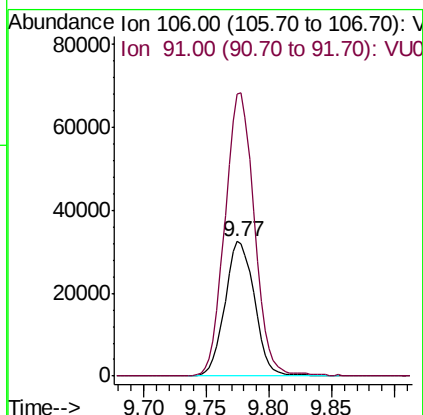
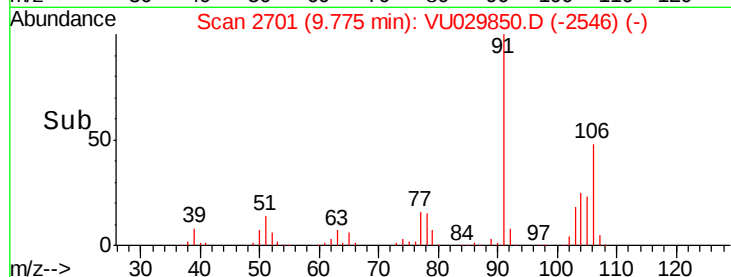
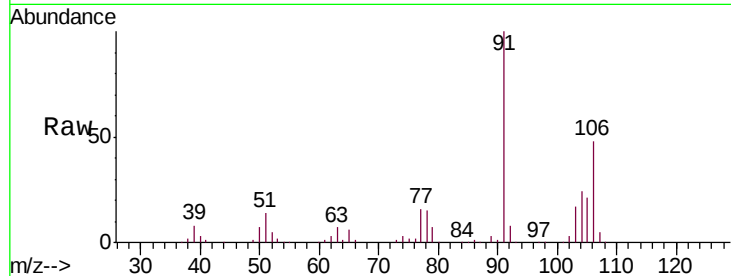




#65
o-Xylene
Concen: 1.870 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

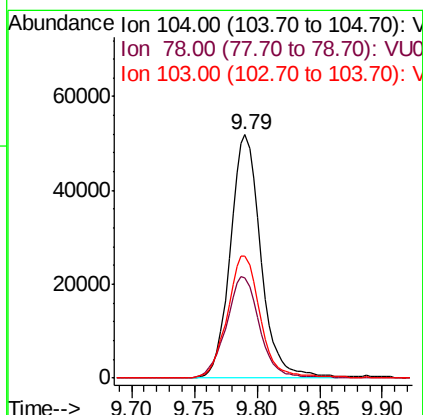
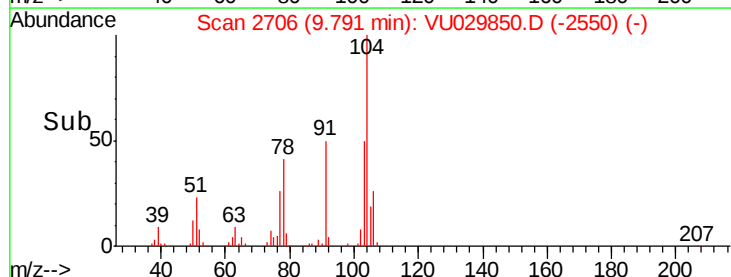
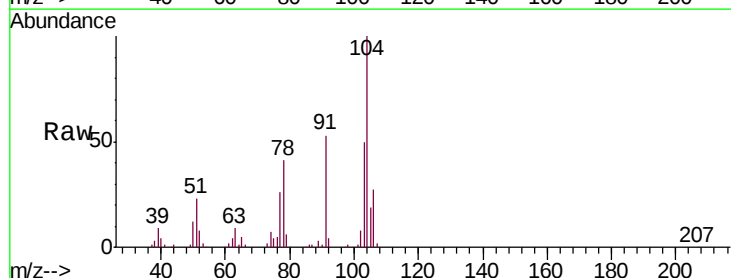
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

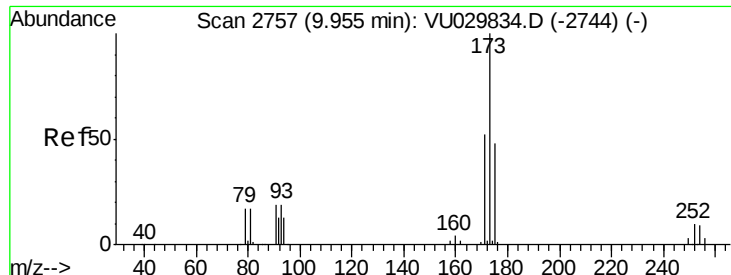
Tgt Ion:106 Resp: 53538
Ion Ratio Lower Upper
106 100
91 209.0 102.8 308.3



#66
Styrene
Concen: 1.842 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion:104 Resp: 87613
Ion Ratio Lower Upper
104 100
78 45.8 37.2 55.8
103 54.2 44.7 67.1





#67

Bromoform

Concen: 1.858 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

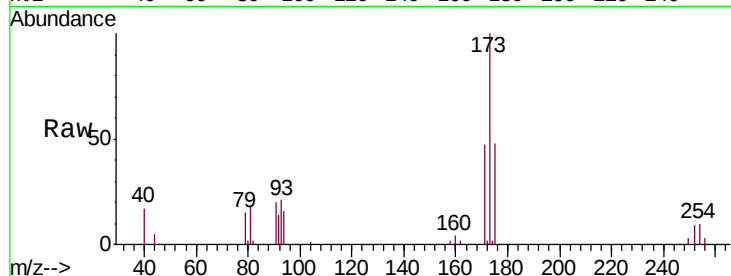
Tgt Ion:173 Resp: 16402

Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

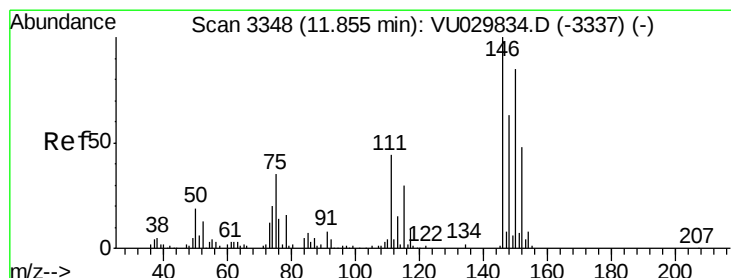
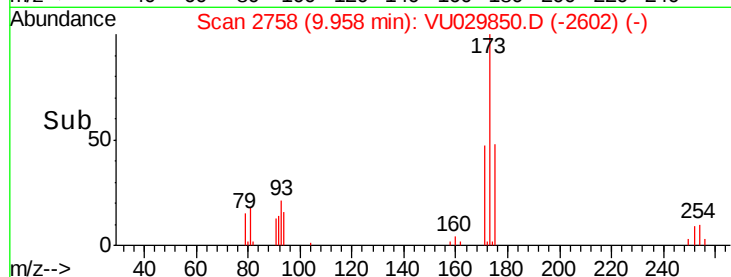
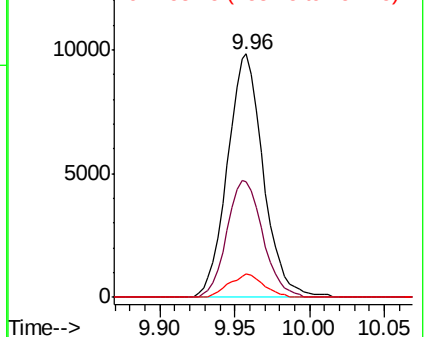
254 9.2 7.4 11.2



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: 1.858 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

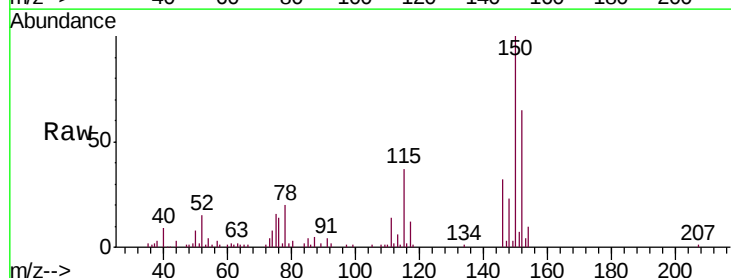
Tgt Ion:152 Resp: 25516

Ion Ratio Lower Upper

152 100

115 69.2 0.0 124.0

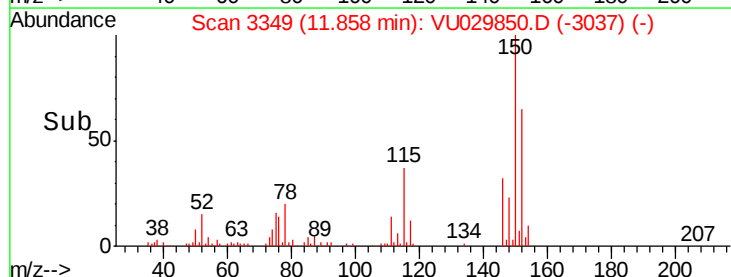
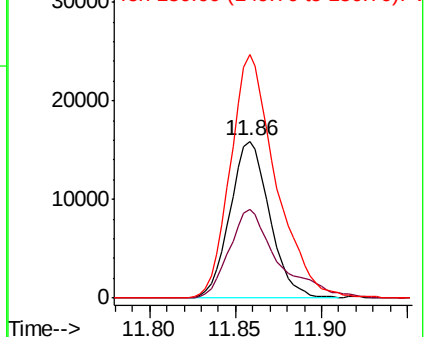
150 177.6 0.0 631.2

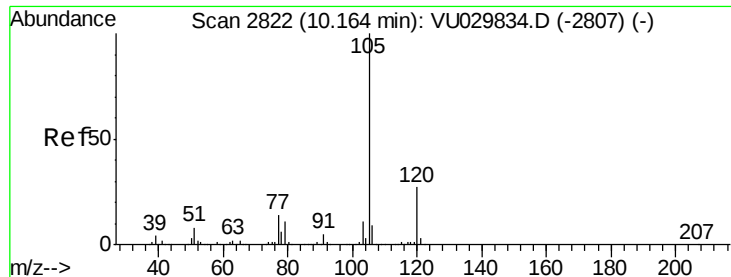


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.833 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

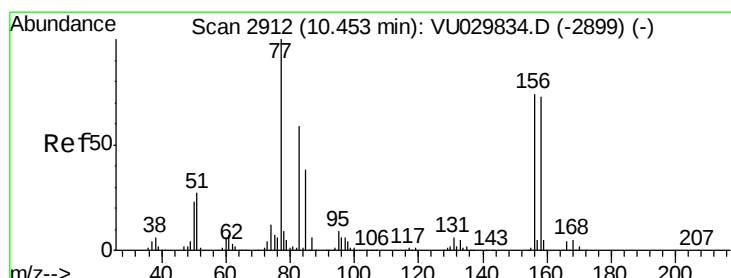
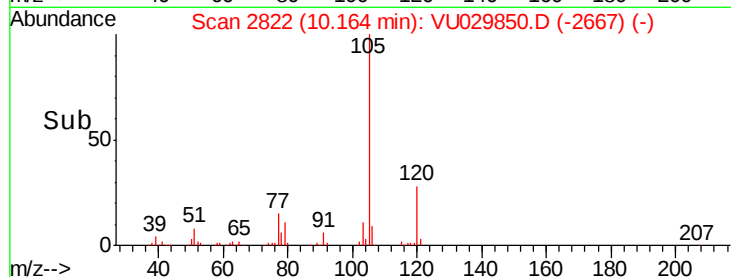
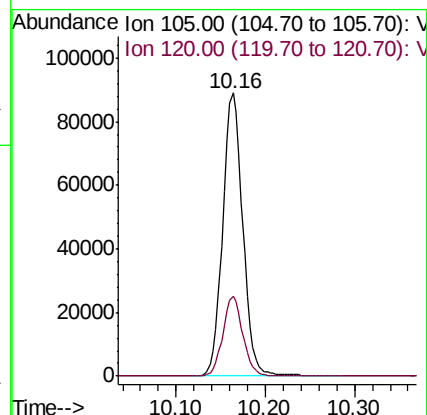
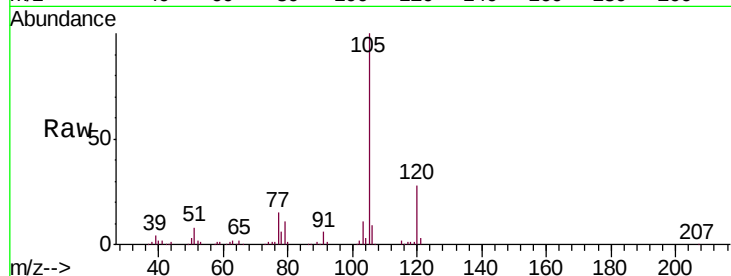
VU0308WBSD01

Tgt Ion:105 Resp: 139204

Ion Ratio Lower Upper

105 100

120 27.8 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.924 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

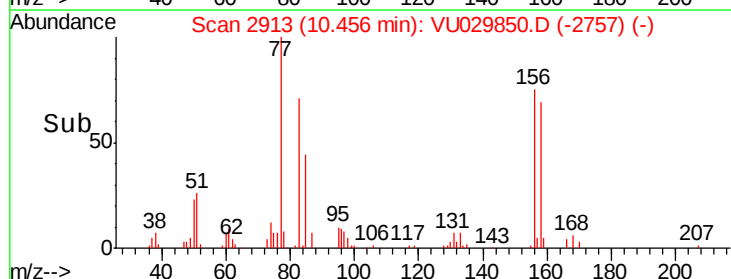
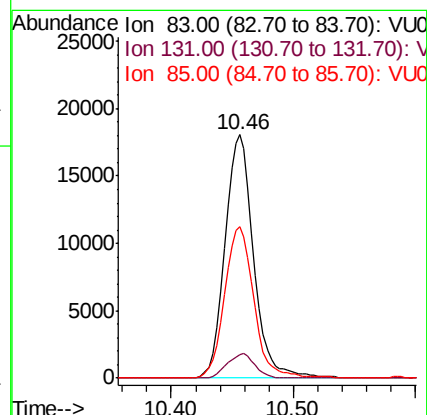
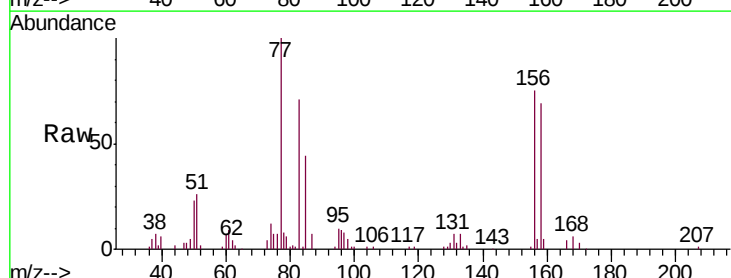
Tgt Ion: 83 Resp: 29720

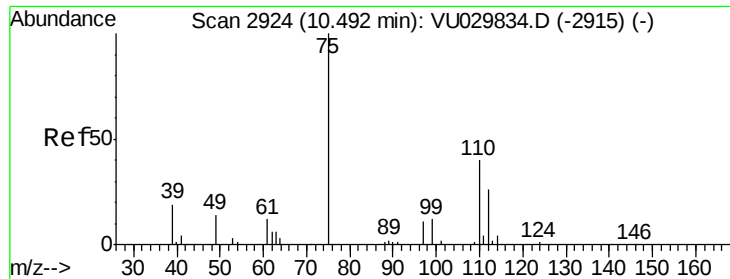
Ion Ratio Lower Upper

83 100

131 9.7 8.3 12.5

85 63.5 52.5 78.7

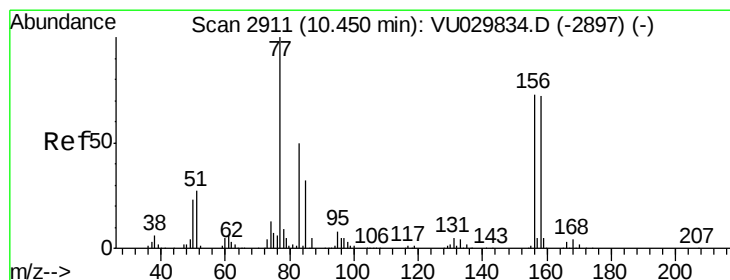
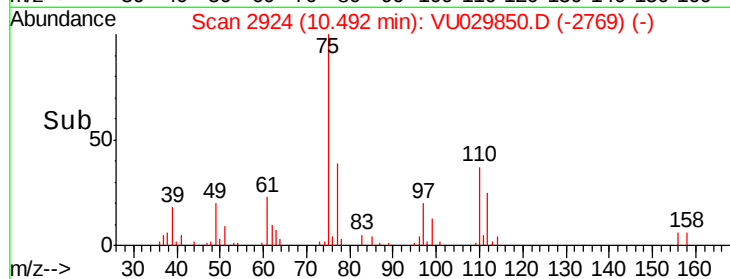
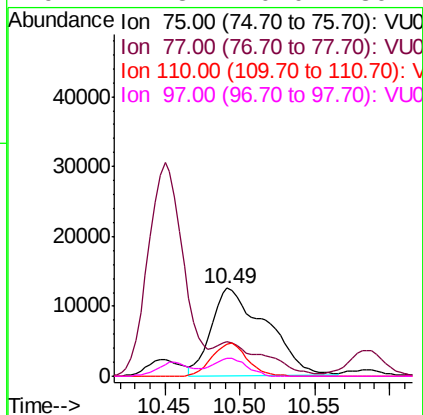
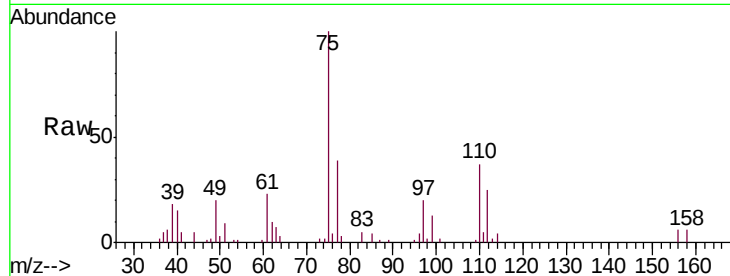




#71
1,2,3-Trichloropropane
Concen: 2.804 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

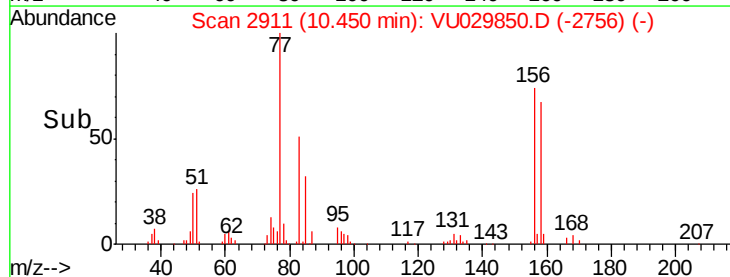
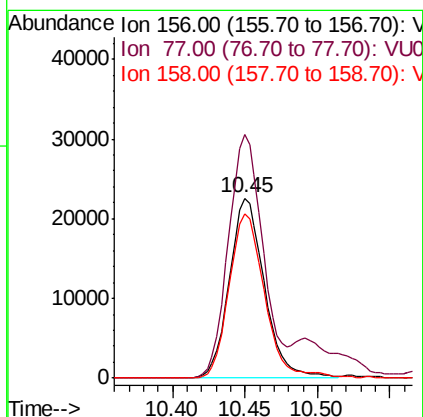
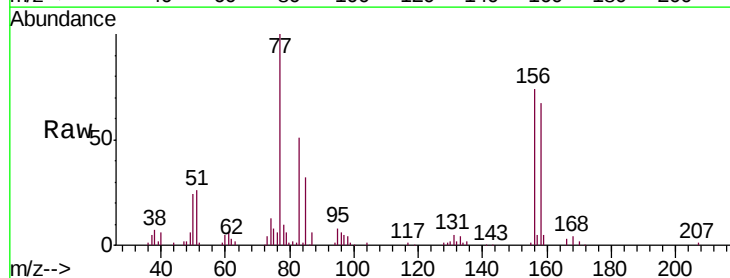
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

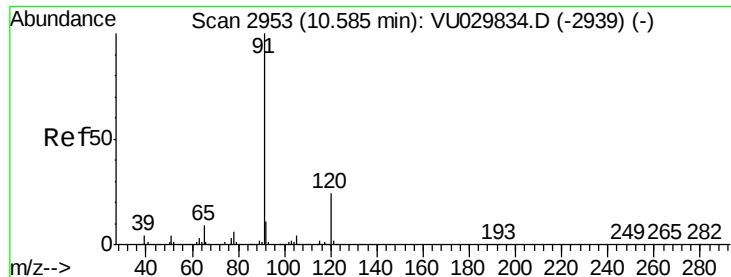
Tgt Ion:	75	Resp:	32195
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.4
110	24.1	0.0	74.8
97	12.8	0.0	39.4



#72
Bromobenzene
Concen: 1.884 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VU029850.D
Acq: 07 Mar 2019 13:05

Tgt Ion:	156	Resp:	37873
Ion	Ratio	Lower	Upper
156	100		
77	133.3	0.0	282.2
158	92.5	0.0	196.2





#73

n-propylbenzene

Concen: 1.891 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

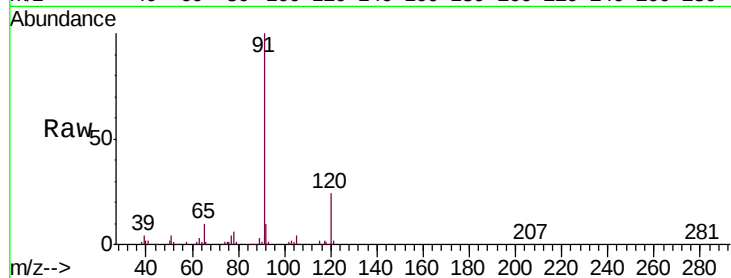
VU0308WBSD01

Tgt Ion:120 Resp: 40365

Ion Ratio Lower Upper

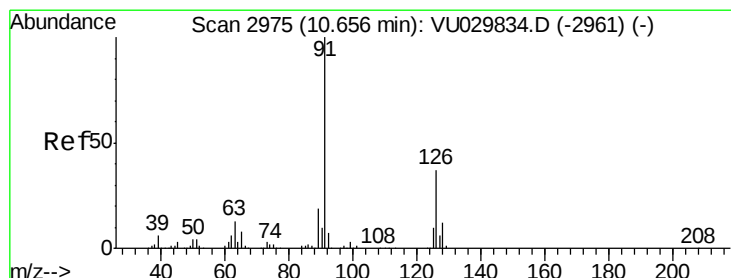
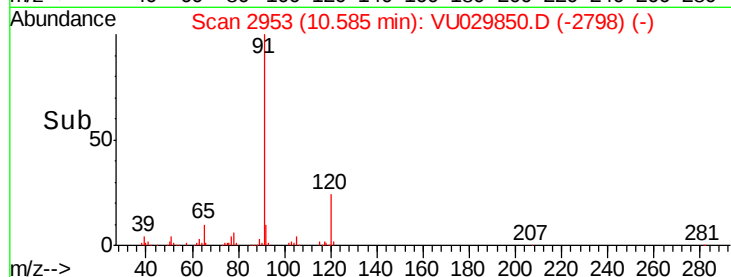
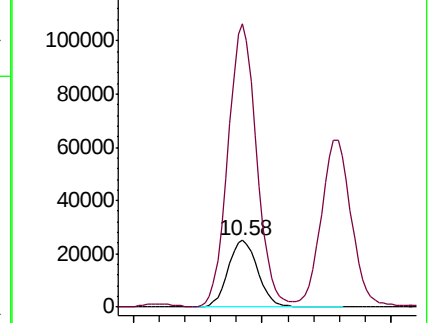
120 100

91 403.6 333.4 500.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.906 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029850.D

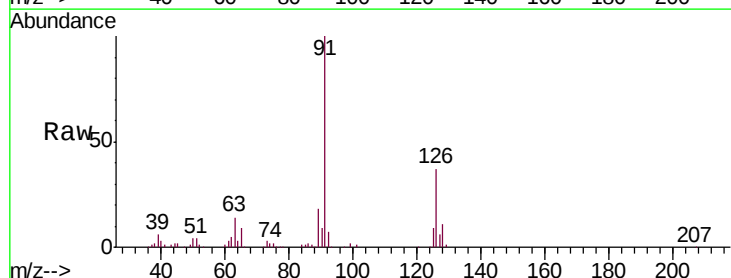
Acq: 07 Mar 2019 13:05

Tgt Ion:126 Resp: 36091

Ion Ratio Lower Upper

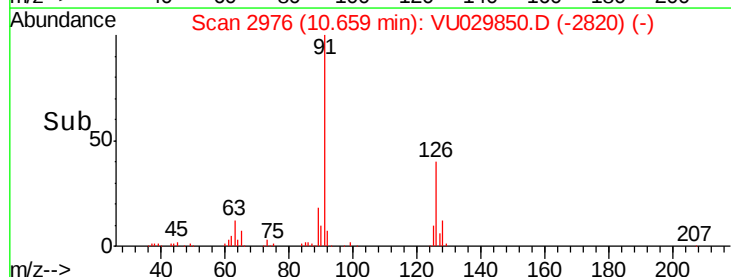
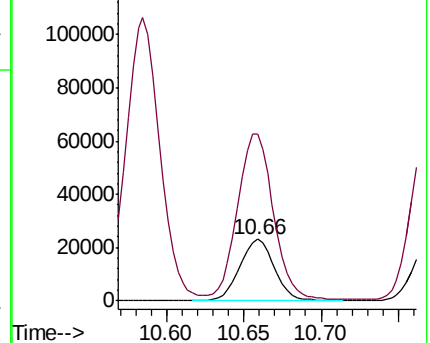
126 100

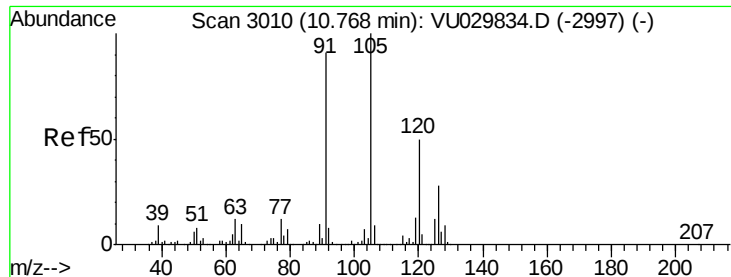
91 280.9 0.0 569.0



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: 1.843 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

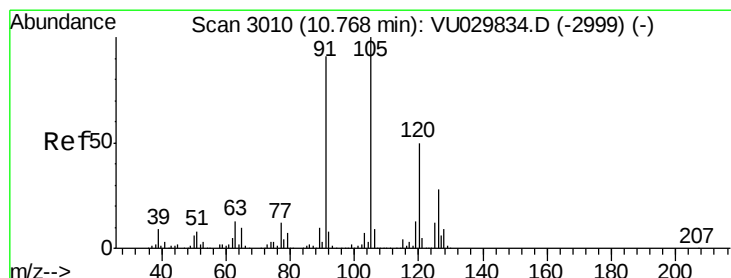
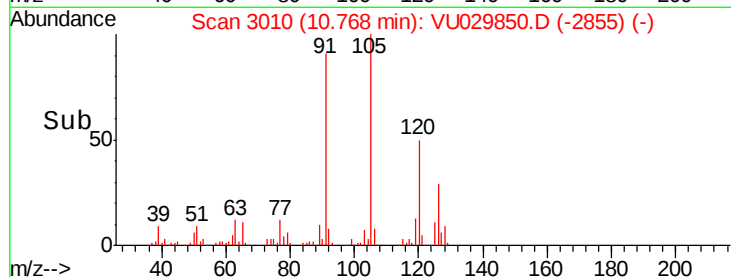
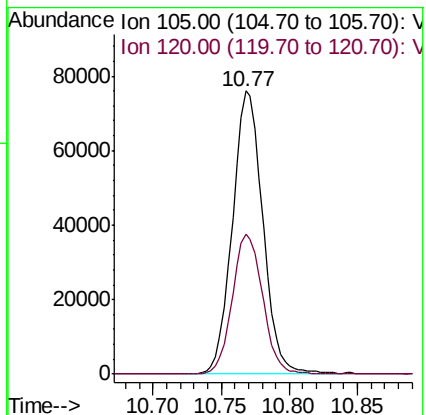
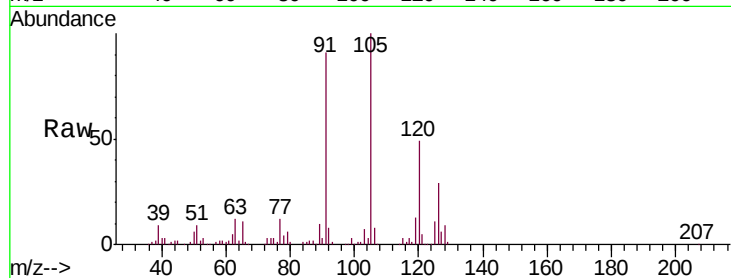
VU0308WBSD01

Tgt Ion:105 Resp: 117910

Ion Ratio Lower Upper

105 100

120 49.4 40.0 60.0



#76

4-Chlorotoluene

Concen: 1.908 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029850.D

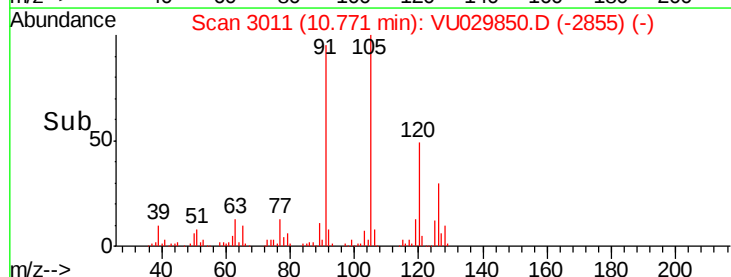
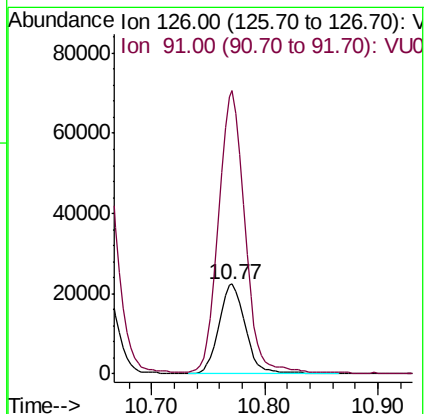
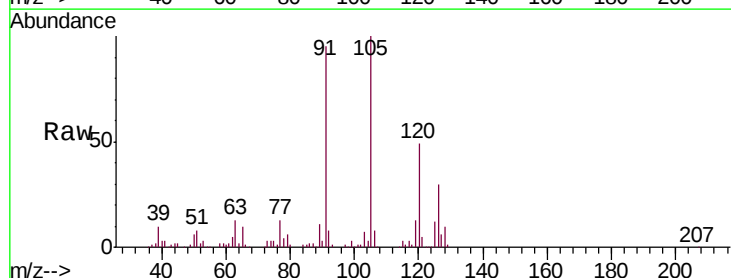
Acq: 07 Mar 2019 13:05

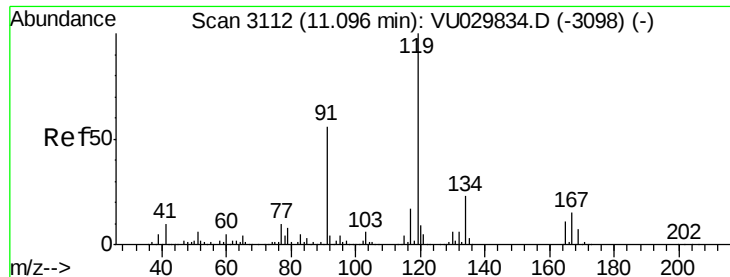
Tgt Ion:126 Resp: 36830

Ion Ratio Lower Upper

126 100

91 307.6 0.0 634.8

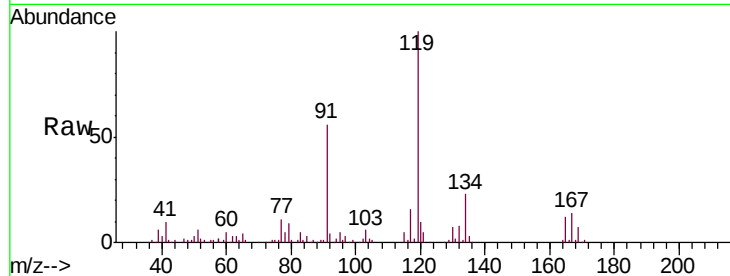




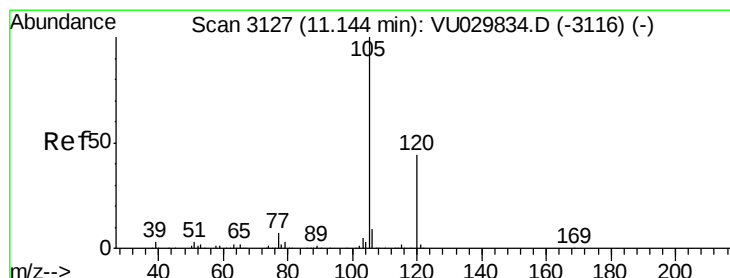
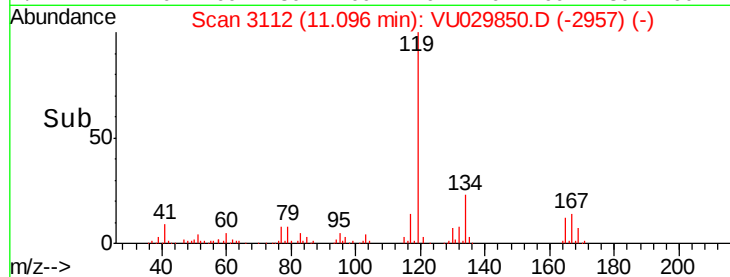
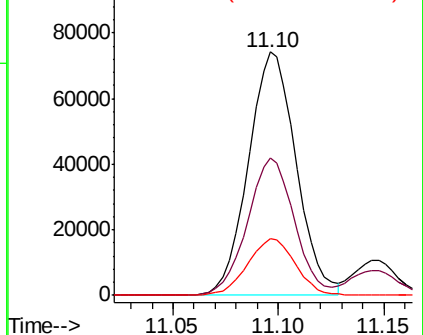
#77
 tert-Butylbenzene
 Concen: 1.846 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

Tgt Ion:119 Resp: 116818
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.7 83.1
 134 23.2 18.7 28.1

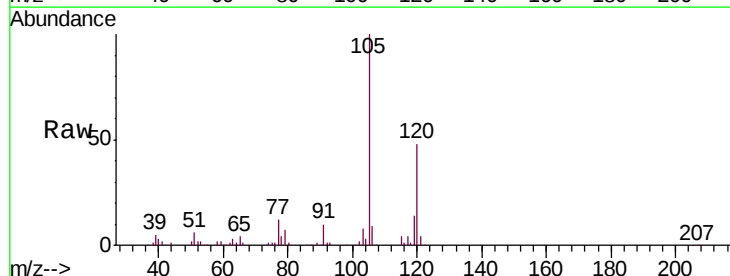


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

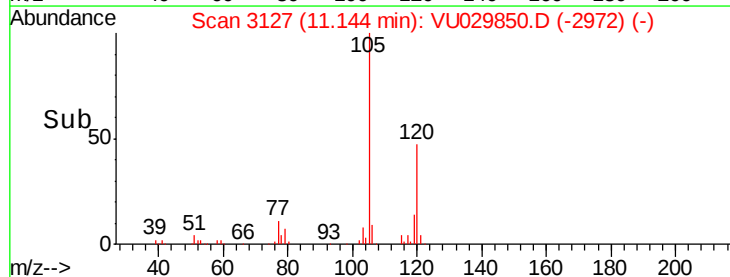
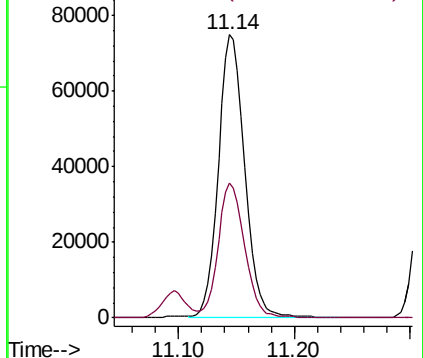


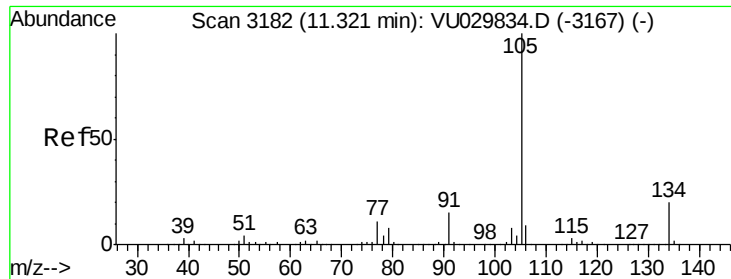
#78
 1,2,4-Trimethylbenzene
 Concen: 1.819 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion:105 Resp: 117587
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.5



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





#79

sec-Butylbenzene

Concen: 1.892 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

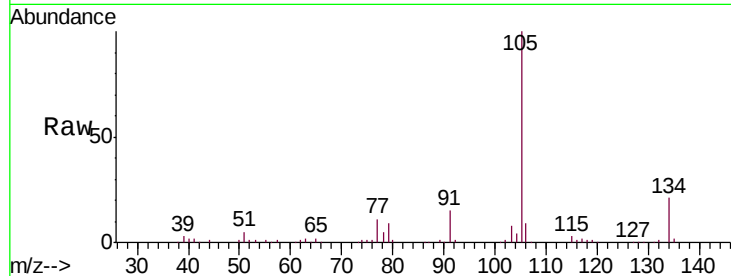
VU0308WBSD01

Tgt Ion: 105 Resp: 158711

Ion Ratio Lower Upper

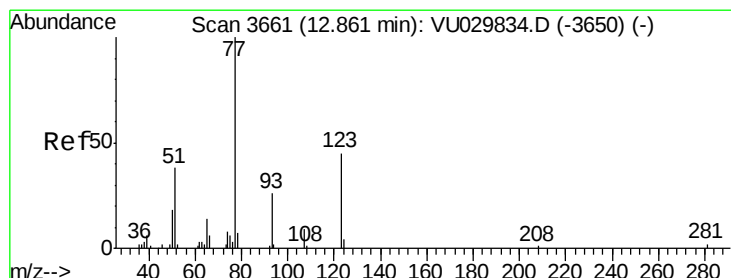
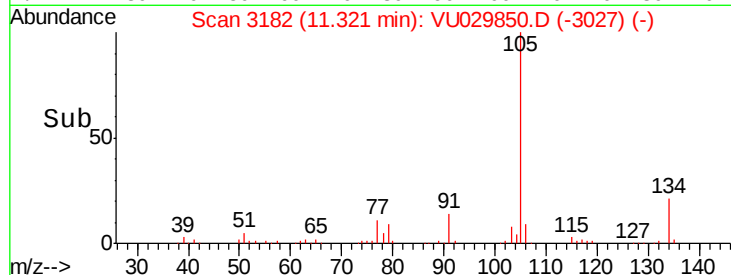
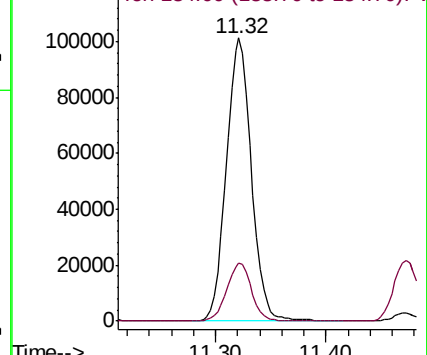
105 100

134 20.4 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 5.841 ug/l

RT: 12.88 min Scan# 3666

Delta R.T. 0.02 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

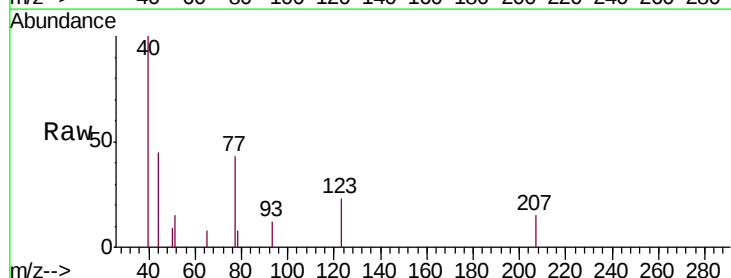
Tgt Ion: 77 Resp: 1638

Ion Ratio Lower Upper

77 100

123 36.3 20.2 71.4

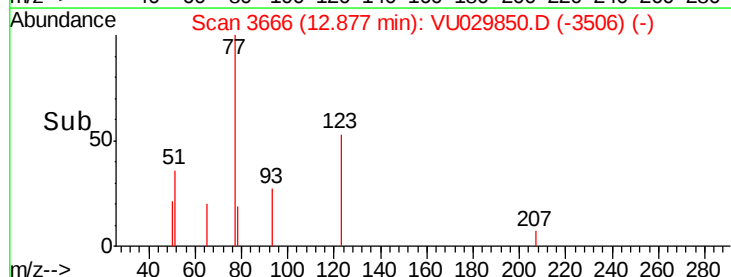
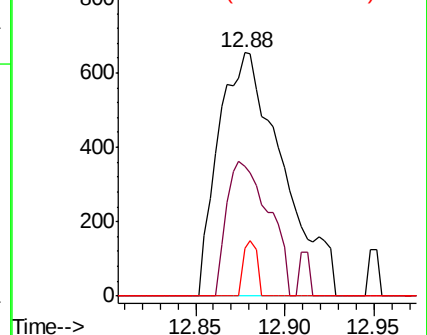
65 4.7 14.0 17.8#

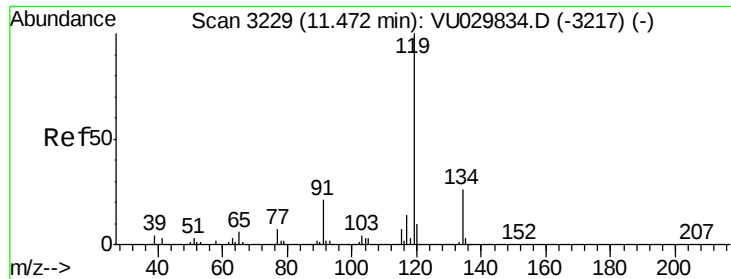


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

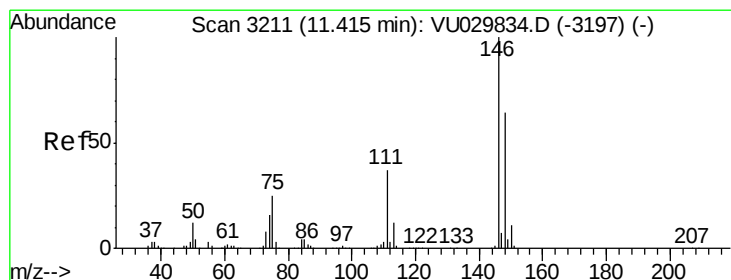
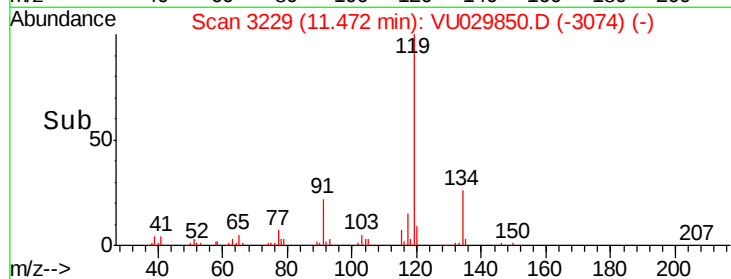
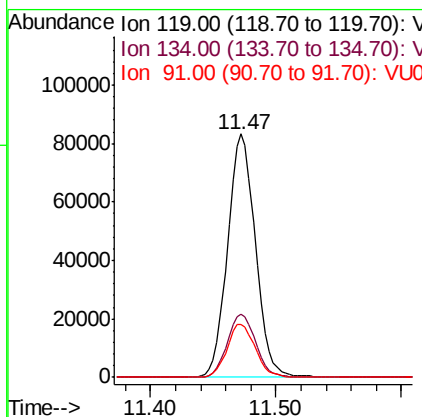
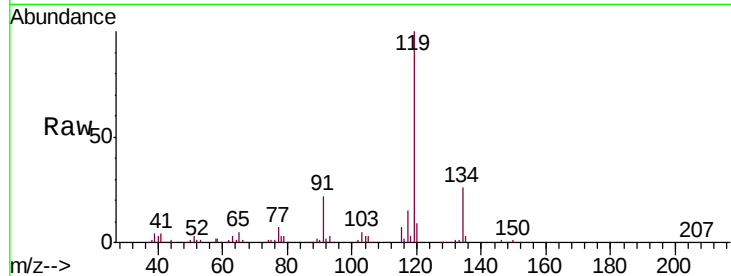




#81
 p-Isopropyltoluene
 Concen: 1.834 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

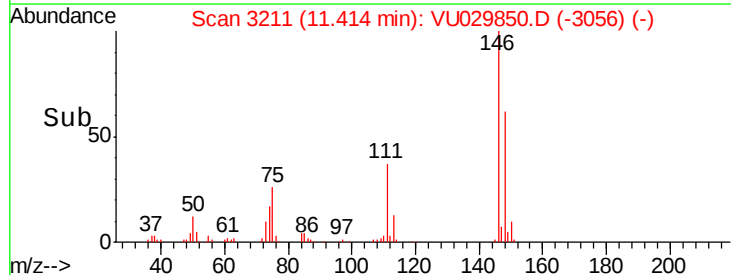
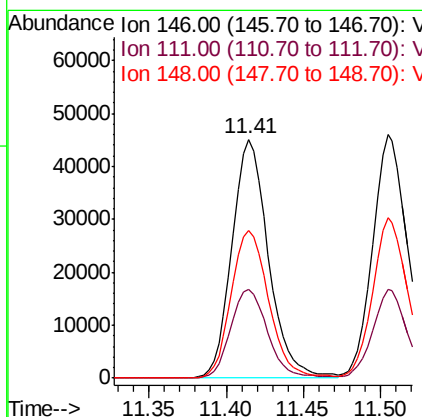
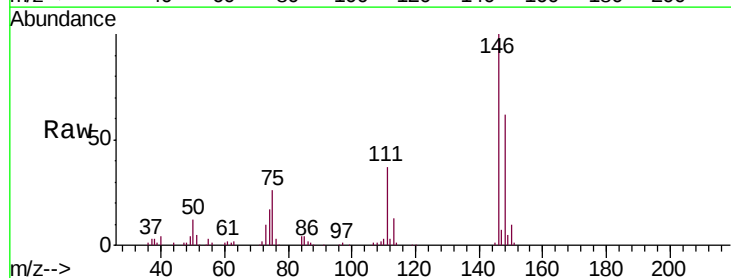
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

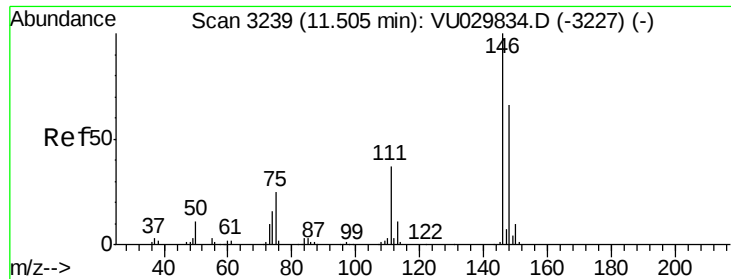
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.2	31.8
91	21.8	17.2	25.8



#82
 1,3-Dichlorobenzene
 Concen: 1.856 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	30.2	45.4
148	63.8	51.2	76.8

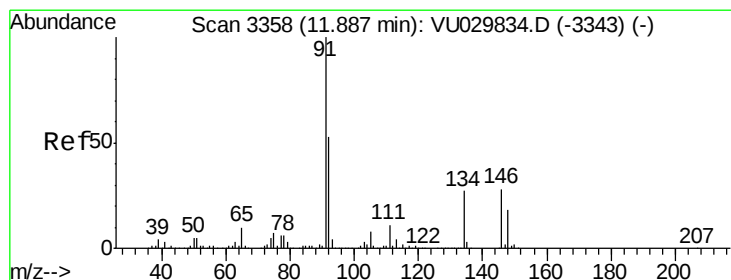
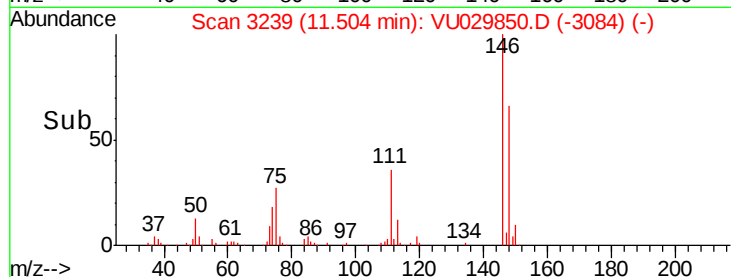
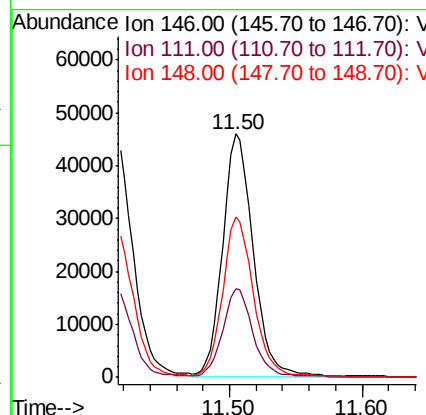
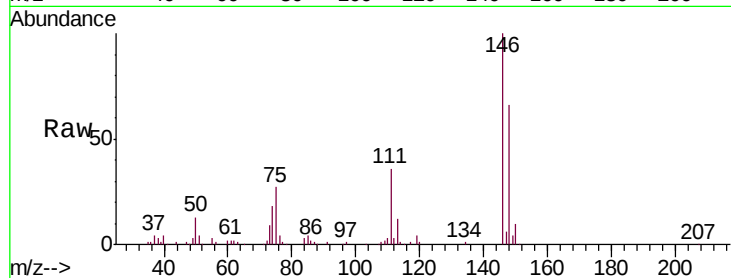




#83
 1,4-Dichlorobenzene
 Concen: 1.894 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

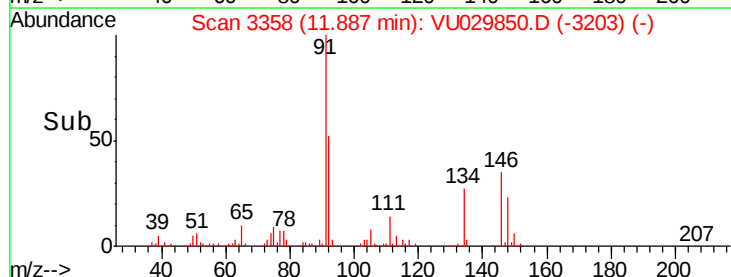
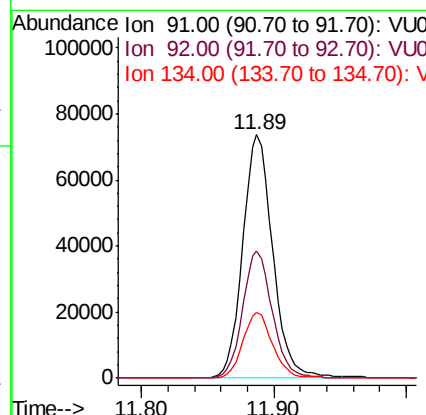
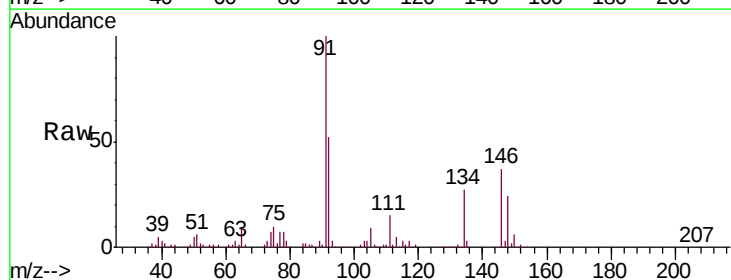
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBSD01

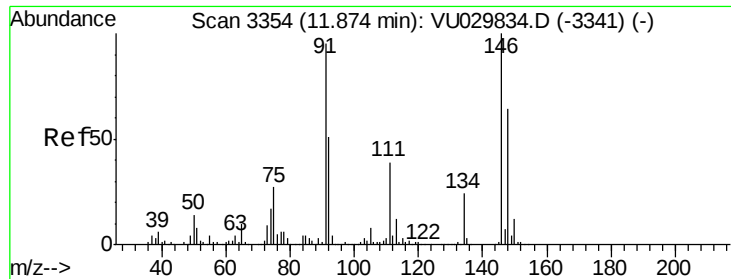
Tgt Ion: 146 Resp: 73648
 Ion Ratio Lower Upper
 146 100
 111 34.9 29.4 44.2
 148 67.4 51.7 77.5



#84
 n-Butylbenzene
 Concen: 1.812 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029850.D
 Acq: 07 Mar 2019 13:05

Tgt Ion: 91 Resp: 115916
 Ion Ratio Lower Upper
 91 100
 92 51.6 42.6 63.8
 134 26.7 21.7 32.5





#85

1,2-Dichlorobenzene

Concen: 1.871 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

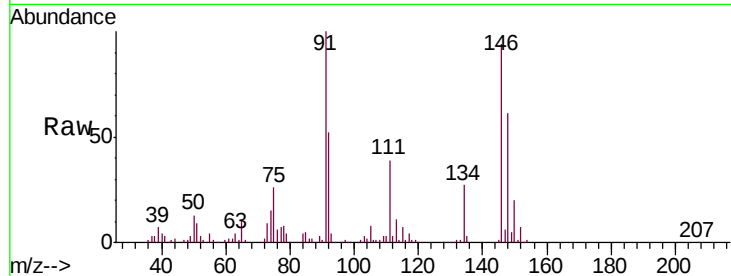
Tgt Ion:146 Resp: 70222

Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.6

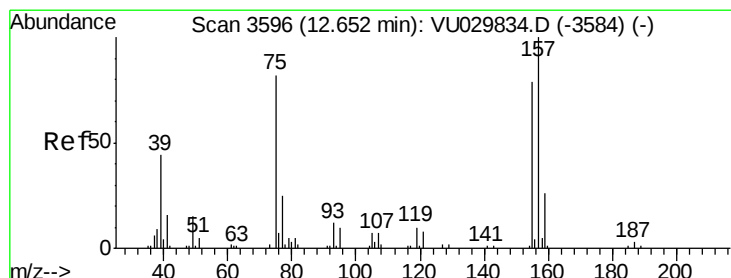
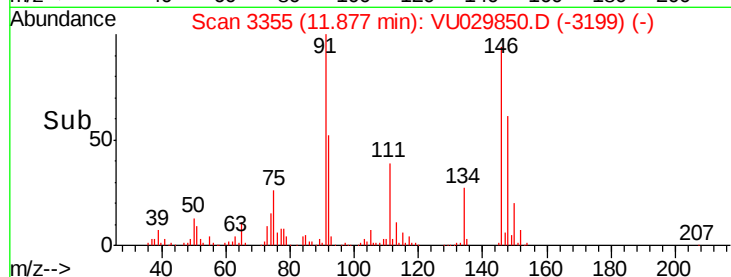
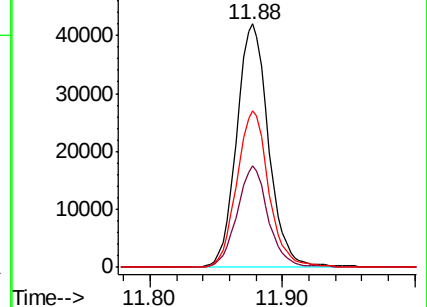
148 64.6 32.1 96.3



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: 1.868 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

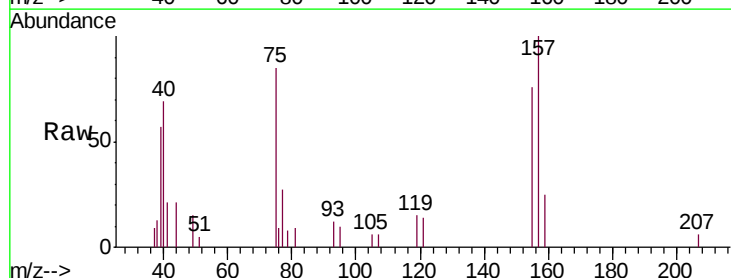
Tgt Ion: 75 Resp: 4119

Ion Ratio Lower Upper

75 100

155 85.6 76.6 114.8

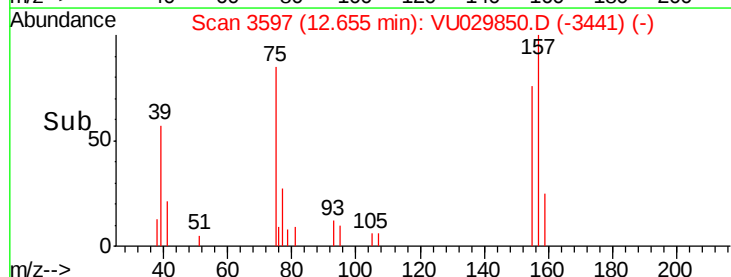
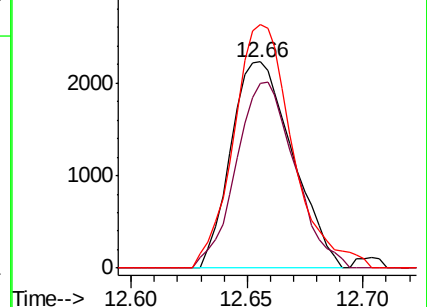
157 112.7 96.2 144.2

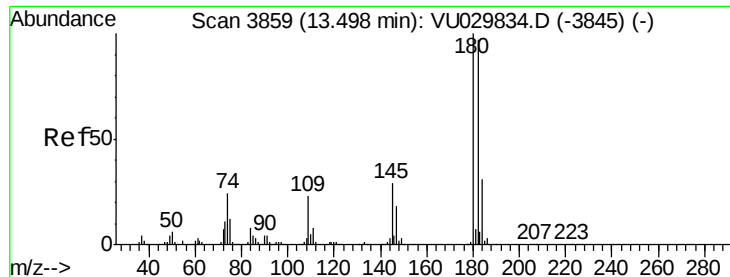


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 1.778 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

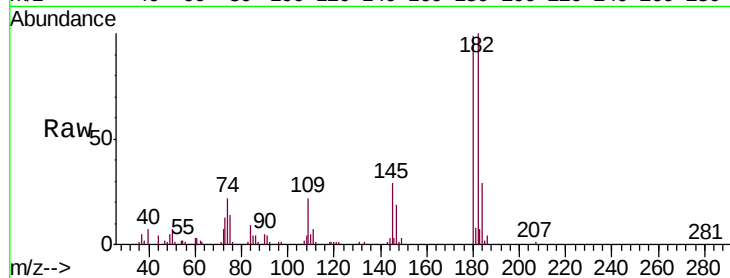
Tgt Ion:180 Resp: 42731

Ion Ratio Lower Upper

180 100

182 97.0 77.5 116.3

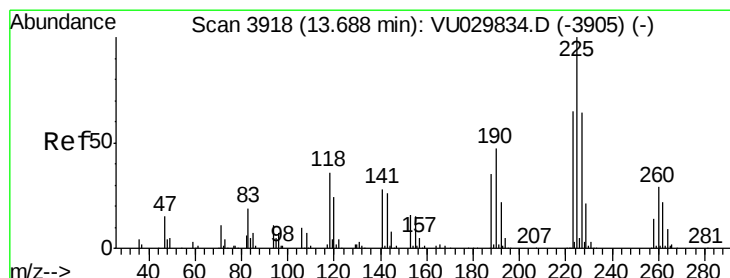
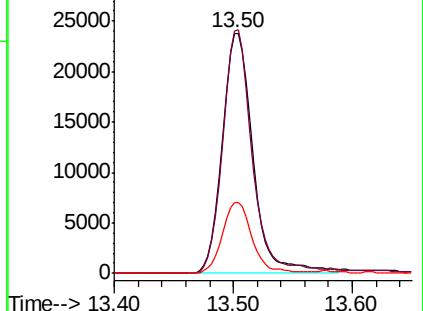
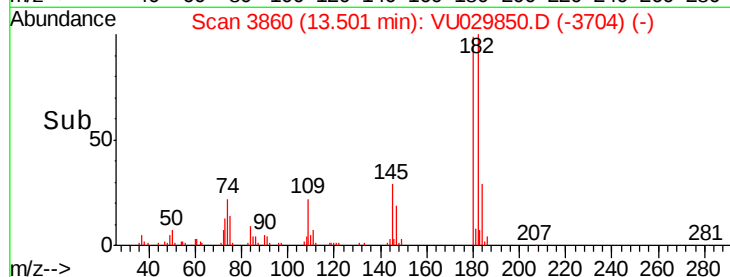
145 28.8 23.6 35.4



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 1.862 ug/l

RT: 13.69 min Scan# 3919

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

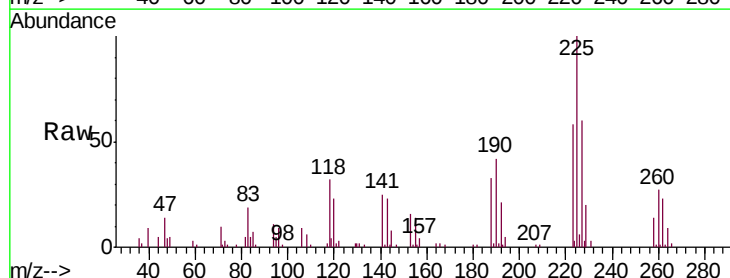
Tgt Ion:225 Resp: 28183

Ion Ratio Lower Upper

225 100

223 61.7 51.2 76.8

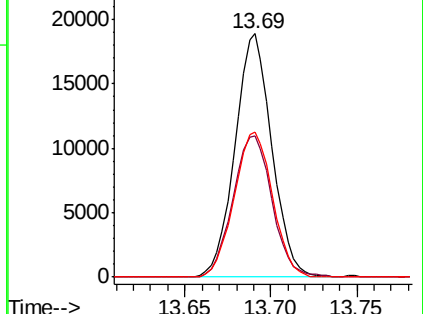
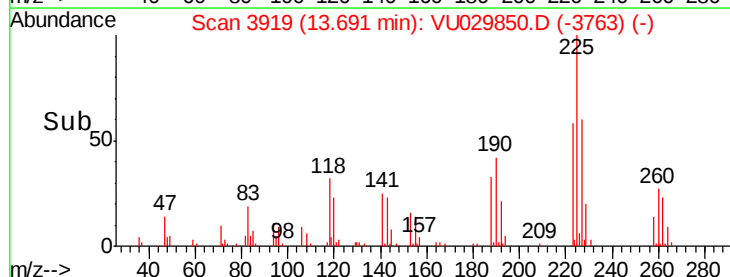
227 62.0 50.9 76.3

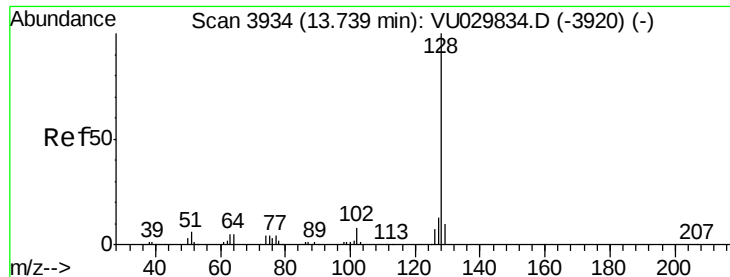


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.761 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBSD01

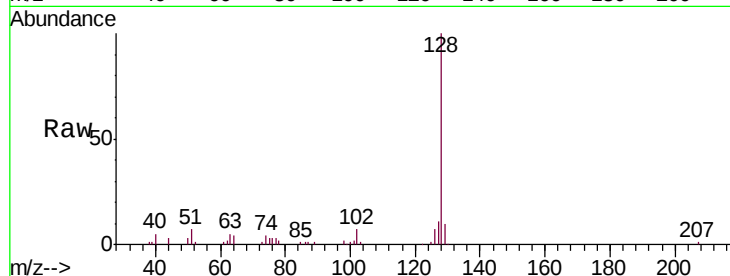
Tgt Ion:128 Resp: 63513

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

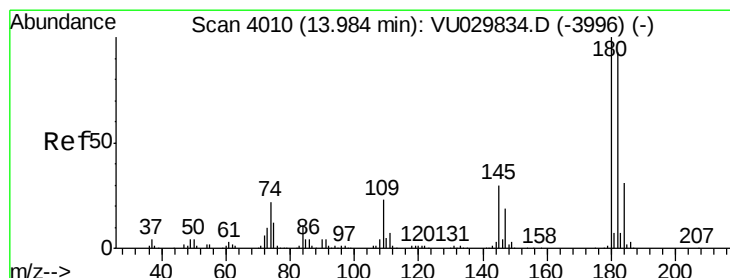
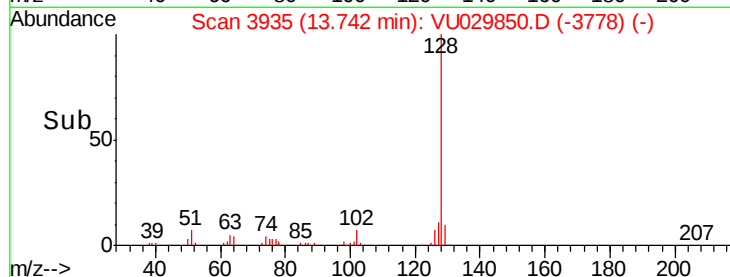
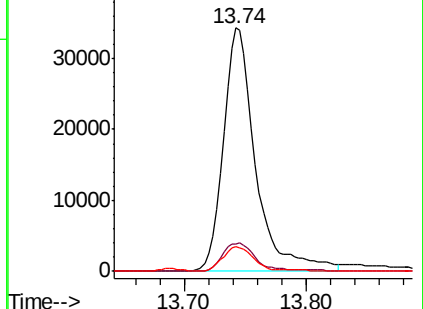
129 9.5 8.2 12.4



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: 1.774 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029850.D

Acq: 07 Mar 2019 13:05

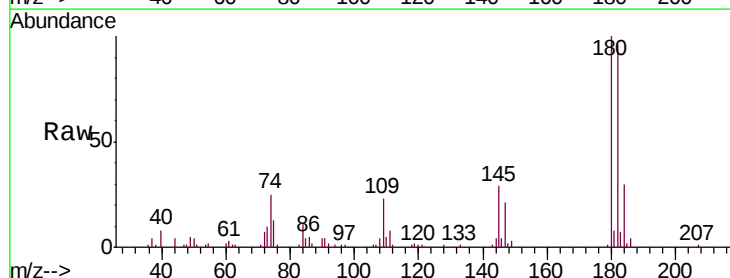
Tgt Ion:180 Resp: 40046

Ion Ratio Lower Upper

180 100

182 98.0 74.8 112.2

145 30.0 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

