

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029879.D
 Acq On : 08 Mar 2019 11:04
 Operator : JC/SP
 Sample : VU0310WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Quant Time: Mar 08 21:43:32 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	61999	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21473	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	23798	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	38359	1.849 ug/l	97
3) Chloromethane	1.33	50	34873	1.888 ug/l	100
4) Vinyl Chloride	1.40	62	39247	1.889 ug/l	96
5) Bromomethane	1.63	94	26451	1.864 ug/l	99
6) Chloroethane	1.70	64	23576	1.892 ug/l	95
7) Trichlorofluoromethane	1.88	101	54530	1.926 ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32236	1.957 ug/l	98
9) 1,1-Dichloroethene	2.28	96	29736	1.844 ug/l	96
10) Iodomethane	2.41	142	20796	1.669 ug/l	99
11) Allyl Chloride	2.59	41	42812	1.888 ug/l	98
12) Acrylonitrile	2.94	53	13079	3.720 ug/l	97
13) Acetone	2.32	43	26490	9.096 ug/l	94
14) Carbon Disulfide	2.47	76	92216	1.766 ug/l	100
15) Methylene Chloride	2.70	84	35549	1.837 ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	33847	1.858 ug/l	99
17) 1,1-Dichloroethane	3.44	63	56703	1.860 ug/l	99
18) 2-Butanone	4.28	43	36690	9.270 ug/l	98
19) Cyclohexane	4.99	56	37047	1.565 ug/l	98
20) Methylcyclohexane	6.41	83	51499	1.868 ug/l	99
21) 2,2-Dichloropropane	4.22	77	46043	1.848 ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	36888	1.911 ug/l	98
23) Diethyl Ether	2.10	59	21866	1.809 ug/l	98
24) tert-Butyl Alcohol	2.84	59	23733	19.029 ug/l	96
25) Methyl tert-Butyl Ether	3.00	73	77565	1.910 ug/l	100
26) Bromochloromethane	4.54	128	16704	1.949 ug/l	97
27) Chloroform	4.67	83	60383	1.956 ug/l	92
28) 1,1,1-Trichloroethane	4.91	97	48363	1.848 ug/l	98
29) 1,1-Dichloropropene	5.13	75	41953	1.804 ug/l	97
30) Carbon Tetrachloride	5.13	117	42470	1.860 ug/l	99
31) Isopropyl Ether	3.58	45	82027	1.951 ug/l	98
32) Ethyl-t-butyl ether	4.07	59	78934	1.932 ug/l	100
33) Tert-Amyl methyl ether	5.58	73	71004	1.879 ug/l	99
34) Propionitrile	4.33	54	10946	9.297 ug/l #	97
35) Benzene	5.39	78	130445	1.904 ug/l	99
36) 1,2-Dichloroethane	5.40	62	34685	1.854 ug/l	98
37) Trichloroethene	6.18	130	37444	1.872 ug/l	89
38) 1,2-Dichloropropane	6.43	63	33921	1.956 ug/l	100
39) Methacrylonitrile	4.55	41	5099	1.030 ug/l #	36
40) Methyl acrylate	4.43	55	15102	1.929 ug/l #	91
41) Tetrahydrofuran	4.65	42	9255	3.573 ug/l	96
42) 1-Chlorobutane	5.06	56	57968	1.951 ug/l	100

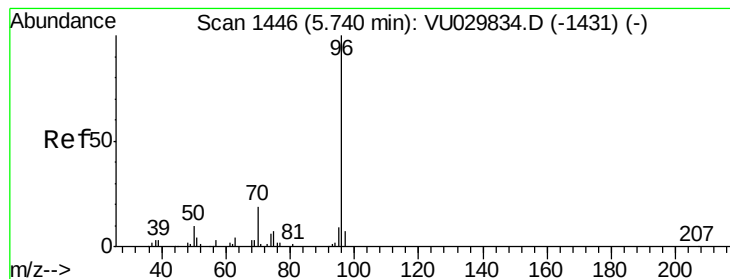
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029879.D
 Acq On : 08 Mar 2019 11:04
 Operator : JC/SP
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Quant Time: Mar 08 21:43:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 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)
43) Dibromomethane	6.56	93	17733	1.973	ug/l	97
44) Bromodichloromethane	6.75	83	40249	1.823	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	87024	9.284	ug/l	98
46) t-1,4-Dichloro-2-butene	10.49	75	18610	4.749	ug/l #	76
47) Methyl methacrylate	6.63	69	28285	3.667	ug/l	99
48) Ethyl methacrylate	8.02	69	27199	1.841	ug/l	99
49) Toluene	7.63	92	79616	1.892	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	34767	1.797	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	43451	1.815	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	25602	1.924	ug/l	98
53) 1,3-Dichloropropane	8.24	76	41119	1.884	ug/l	99
54) 2-Hexanone	8.37	43	59590	9.154	ug/l	96
55) Dibromochloromethane	8.48	129	29278	1.854	ug/l	98
56) 1,2-Dibromoethane	8.58	107	22675	1.798	ug/l	94
58) Tetrachloroethene	8.22	164	41238	2.018	ug/l	98
59) Chlorobenzene	9.12	112	90094	1.863	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	31908	1.840	ug/l	97
61) Pentachloroethane	11.10	117	20940	1.734	ug/l	94
62) Hexachloroethane	12.14	117	22445	1.767	ug/l	100
63) Ethyl Benzene	9.25	91	144159	1.820	ug/l	99
64) m/p-Xylenes	9.37	106	115734	3.696	ug/l	99
65) o-Xylene	9.78	106	55539	1.847	ug/l	95
66) Styrene	9.79	104	94133	1.884	ug/l	99
67) Bromoform	9.95	173	16690	1.800	ug/l	99
69) Isopropylbenzene	10.16	105	148503	1.862	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	30191	1.861	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	18610	1.543	ug/l #	85
72) Bromobenzene	10.45	156	39576	1.875	ug/l	99
73) n-propylbenzene	10.58	120	41418	1.848	ug/l	99
74) 2-Chlorotoluene	10.66	126	37086	1.865	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	125958	1.875	ug/l	99
76) 4-Chlorotoluene	10.77	126	37110	1.830	ug/l	100
77) tert-Butylbenzene	11.10	119	121789	1.832	ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	126265	1.860	ug/l	99
79) sec-Butylbenzene	11.32	105	165202	1.875	ug/l	99
80) Nitrobenzene	12.88	77	1337	4.539	ug/l #	41
81) p-Isopropyltoluene	11.47	119	137332	1.862	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	78335	1.874	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	73732	1.805	ug/l	97
84) n-Butylbenzene	11.89	91	118818	1.768	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	73752	1.871	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4206	1.816	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	43971	1.742	ug/l	98
88) Hexachlorobutadiene	13.69	225	28932	1.820	ug/l	99
89) Naphthalene	13.74	128	65190	1.731	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	42573	1.795	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tgt Ion: 96 Resp: 61999

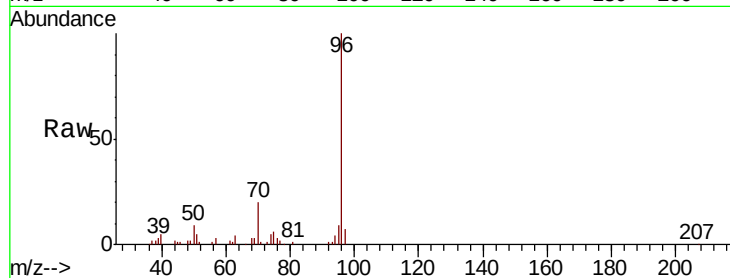
Ion Ratio Lower Upper

96 100

70 17.6 14.4 21.6

95 8.5 7.0 10.6

97 6.4 0.0 0.0#

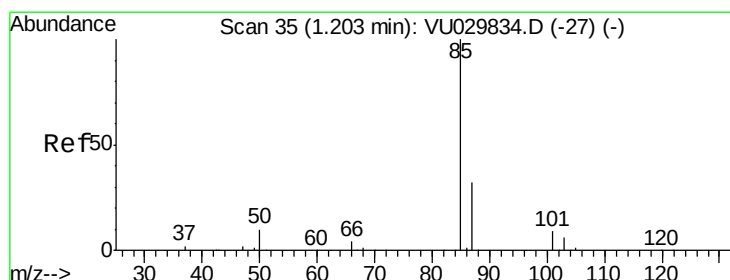
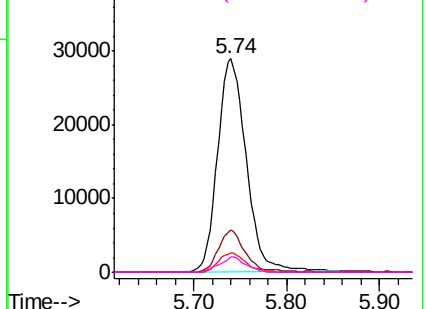
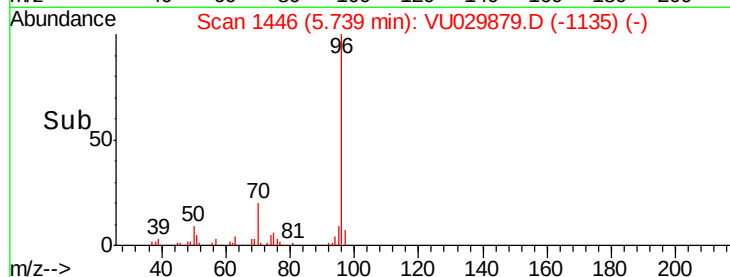


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.849 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029879.D

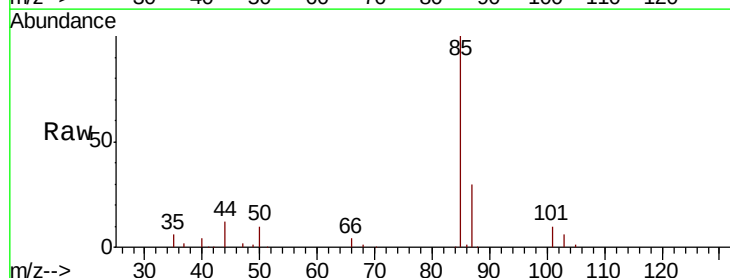
Acq: 08 Mar 2019 11:04

Tgt Ion: 85 Resp: 38359

Ion Ratio Lower Upper

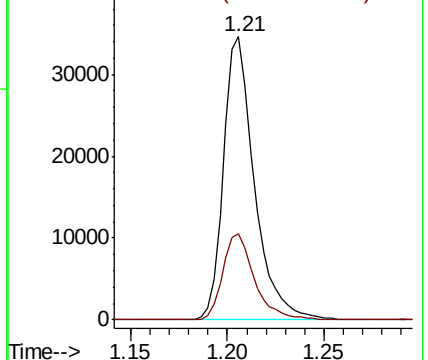
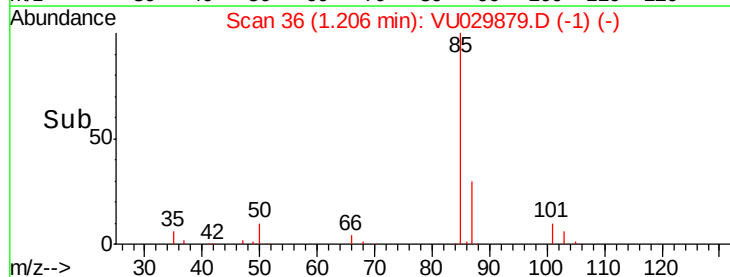
85 100

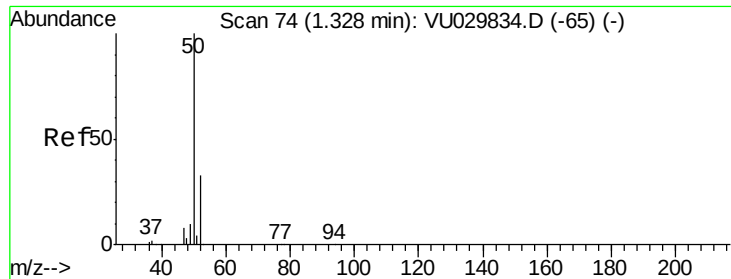
87 30.5 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.888 ug/l

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

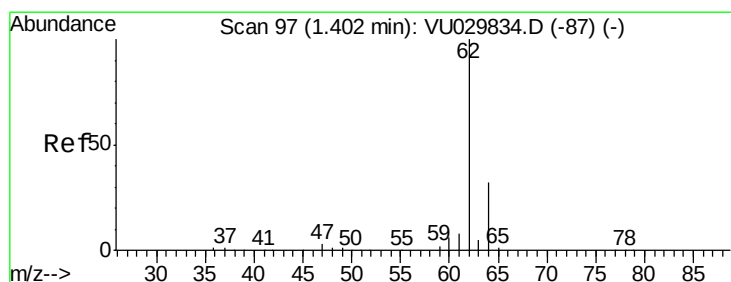
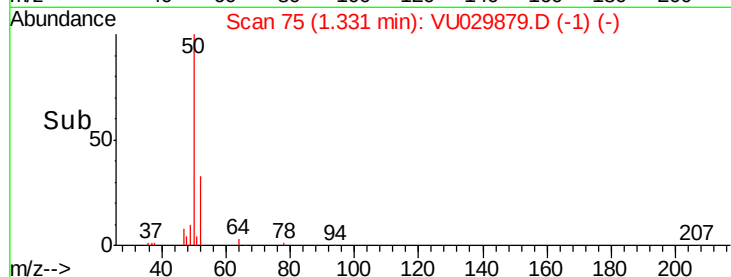
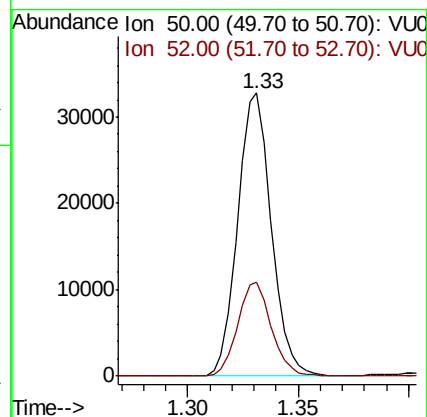
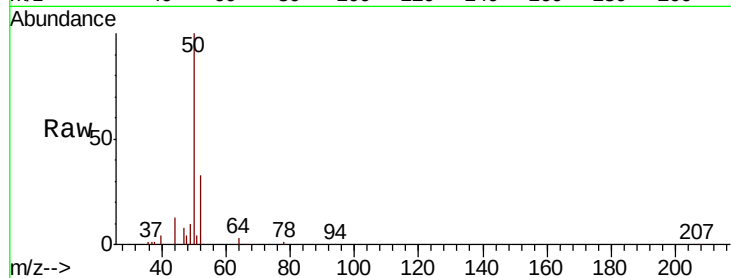
VU0310WBS01

Tgt Ion: 50 Resp: 34873

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 1.889 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029879.D

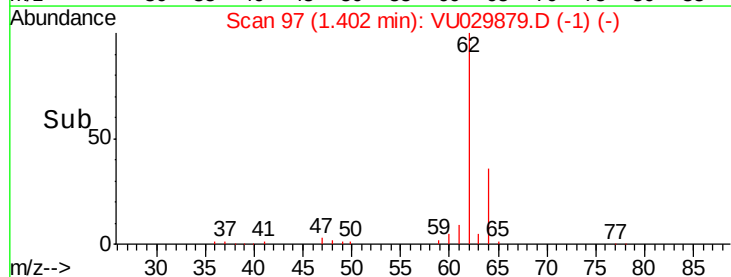
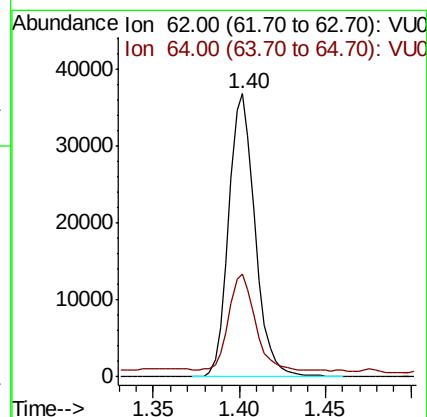
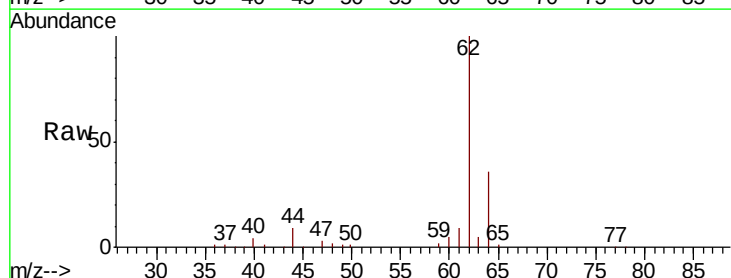
Acq: 08 Mar 2019 11:04

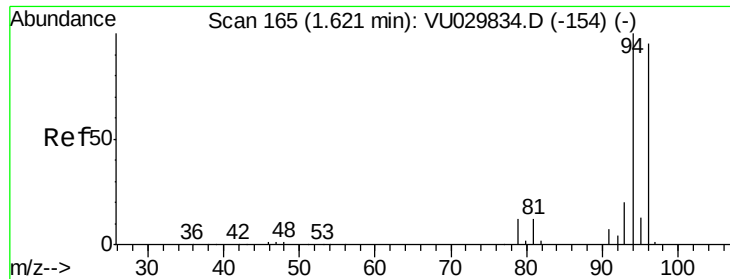
Tgt Ion: 62 Resp: 39247

Ion Ratio Lower Upper

62 100

64 34.1 25.7 38.5





#5

Bromomethane

Concen: 1.864 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

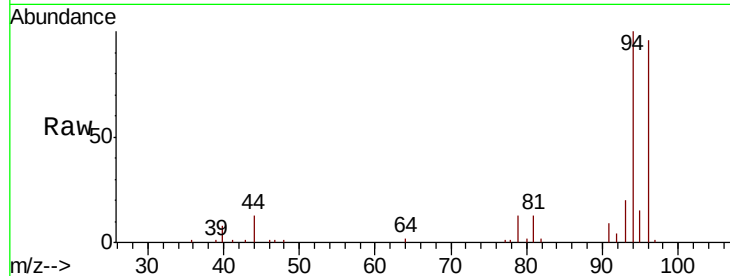
VU0310WBS01

Tgt Ion: 94 Resp: 26451

Ion Ratio Lower Upper

94 100

96 96.1 76.4 114.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

20000

15000

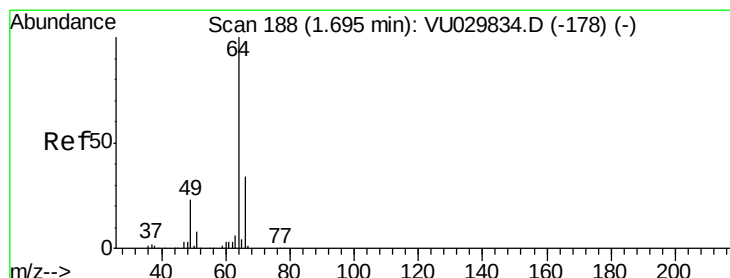
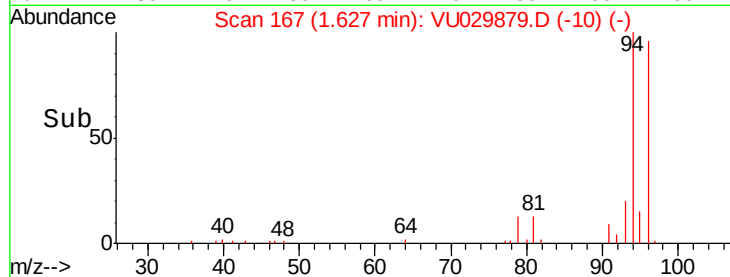
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 1.892 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029879.D

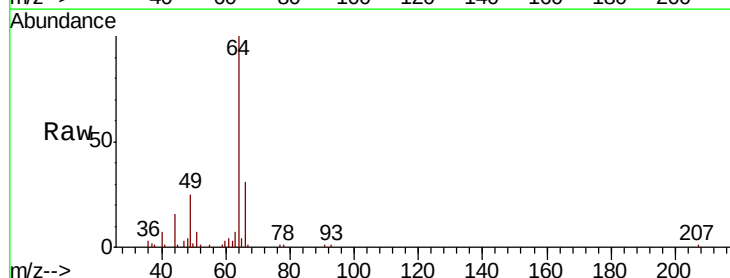
Acq: 08 Mar 2019 11:04

Tgt Ion: 64 Resp: 23576

Ion Ratio Lower Upper

64 100

66 31.2 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.70

20000

15000

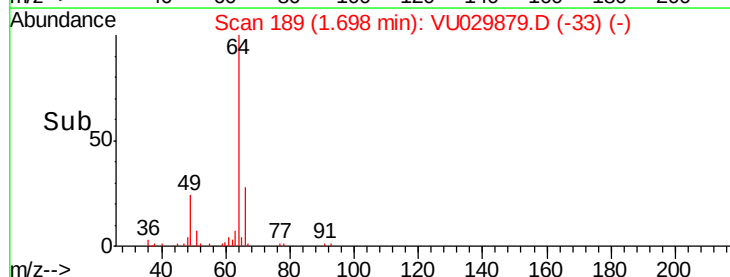
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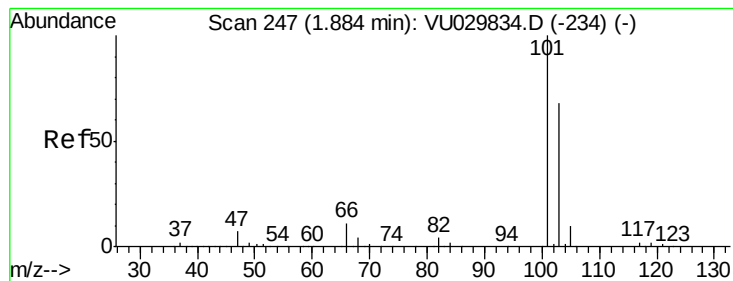
5000

0

Time-->

1.65 1.70 1.75



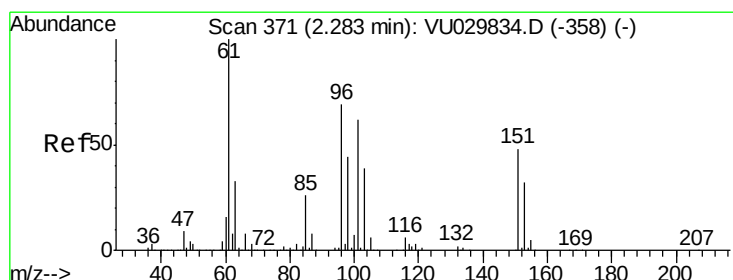
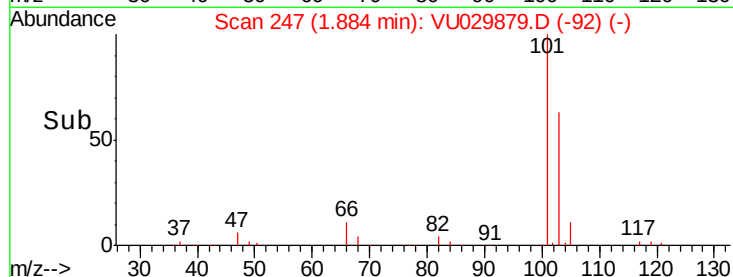
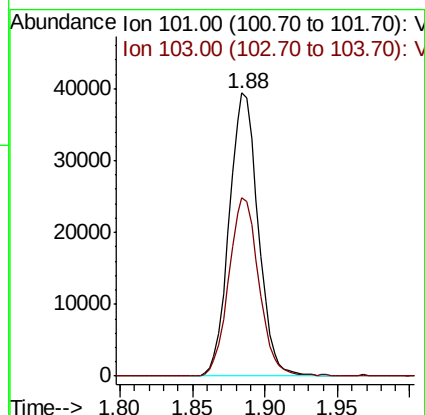
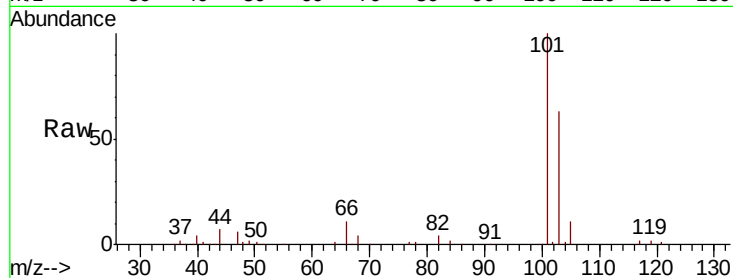


#7

Trichlorofluoromethane
 Concen: 1.926 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

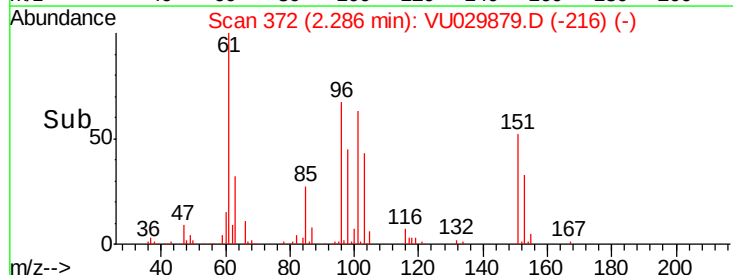
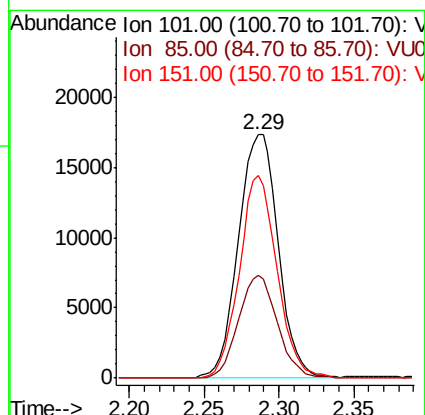
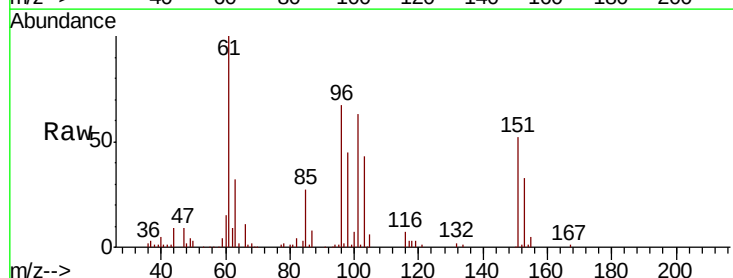
Tgt Ion:101 Resp: 54530
 Ion Ratio Lower Upper
 101 100
 103 63.2 54.2 81.2

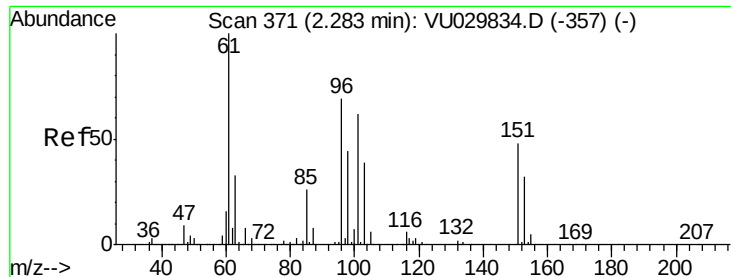


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.957 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion:101 Resp: 32236
 Ion Ratio Lower Upper
 101 100
 85 41.0 33.4 50.0
 151 78.3 64.6 97.0





#9

1,1-Dichloroethene

Concen: 1.844 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

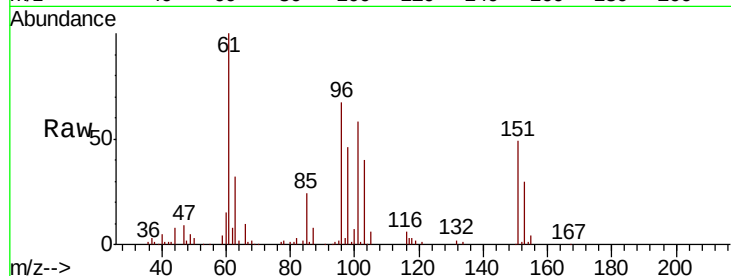
Tgt Ion: 96 Resp: 29736

Ion Ratio Lower Upper

96 100

61 148.6 0.0 435.3

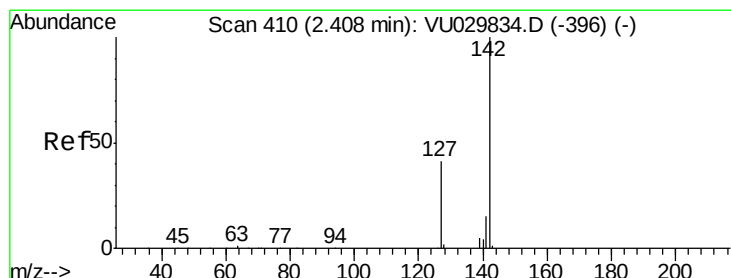
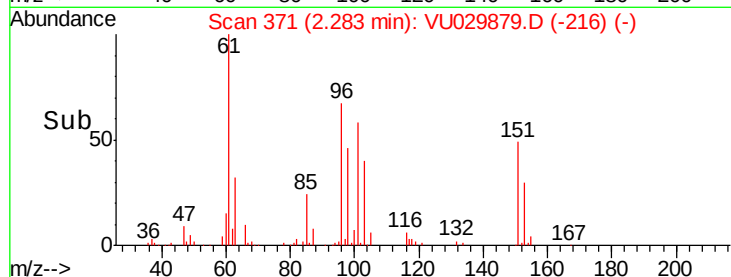
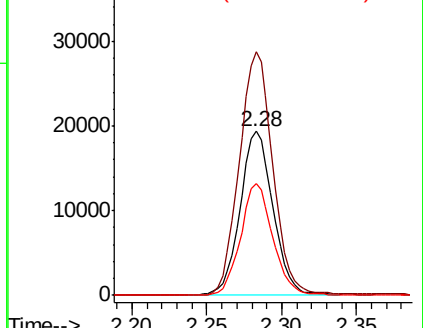
98 68.5 0.0 128.6



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: 1.669 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029879.D

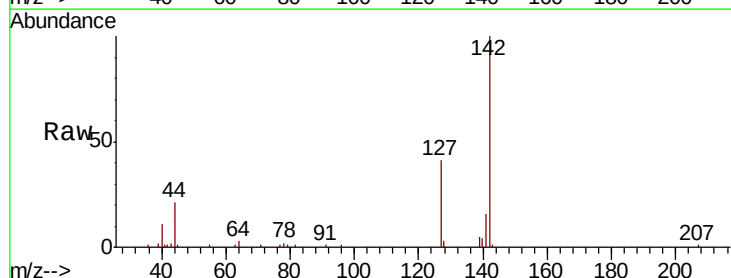
Acq: 08 Mar 2019 11:04

Tgt Ion: 142 Resp: 20796

Ion Ratio Lower Upper

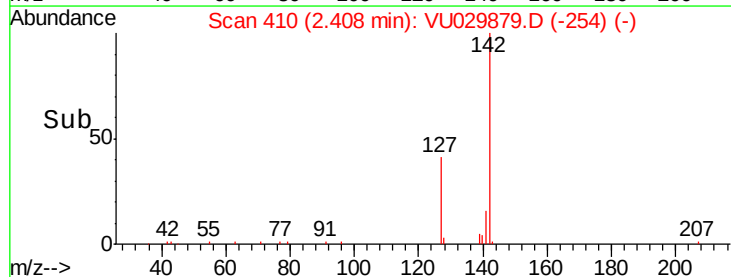
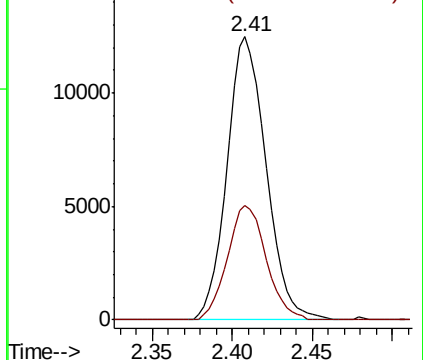
142 100

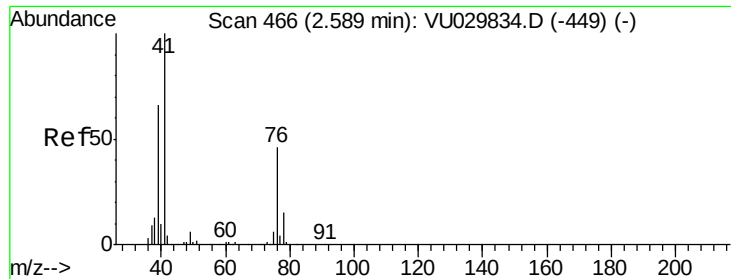
127 39.9 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

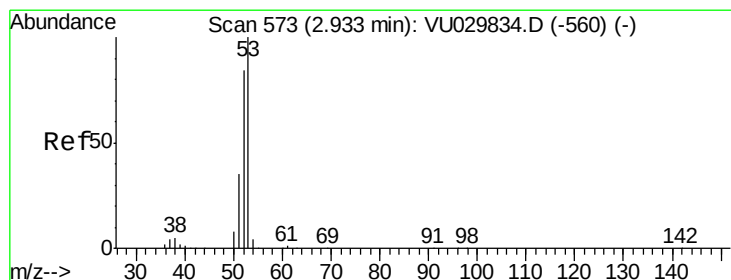
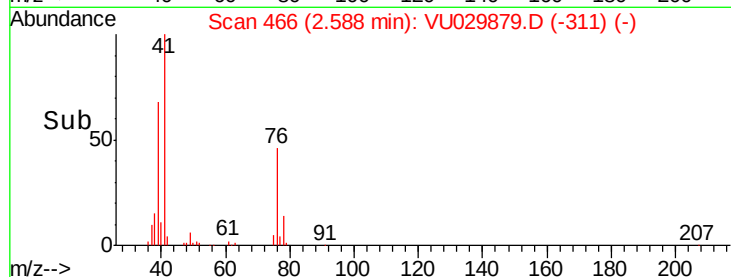
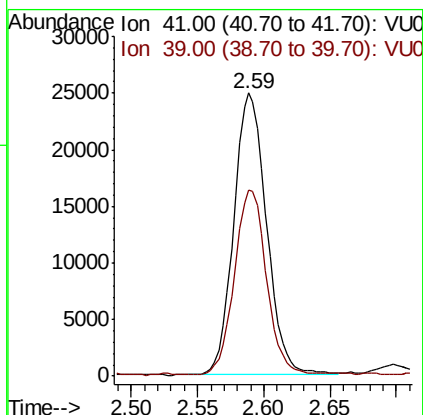
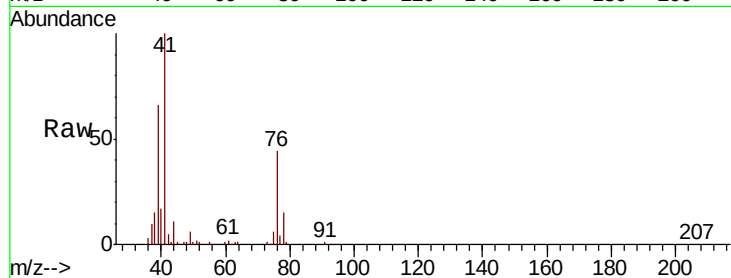




#11
 Allyl Chloride
 Concen: 1.888 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

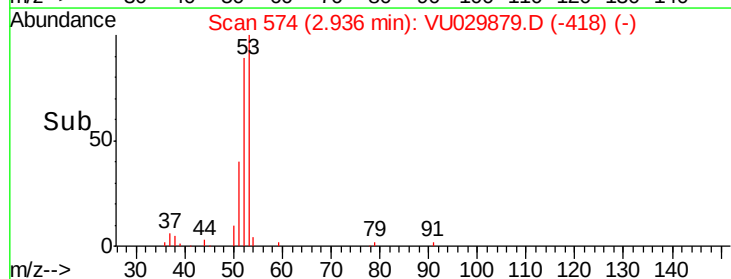
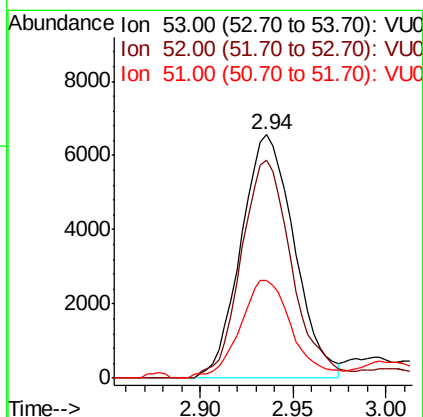
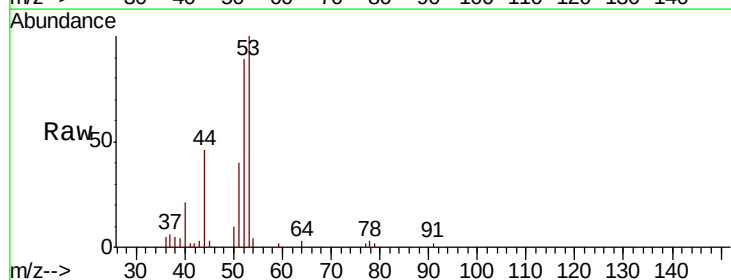
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

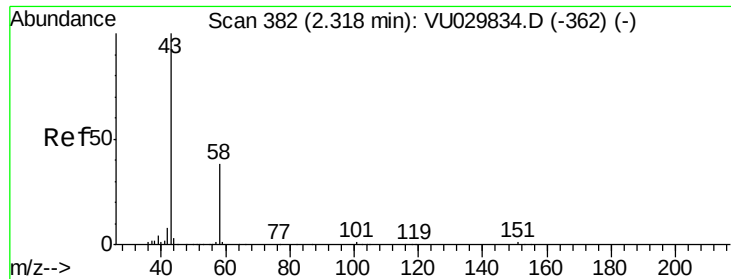
Tgt Ion: 41 Resp: 42812
 Ion Ratio Lower Upper
 41 100
 39 63.3 51.6 77.4



#12
 Acrylonitrile
 Concen: 3.720 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion: 53 Resp: 13079
 Ion Ratio Lower Upper
 53 100
 52 85.0 66.5 99.7
 51 39.4 28.6 42.8





#13

Acetone

Concen: 9.096 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

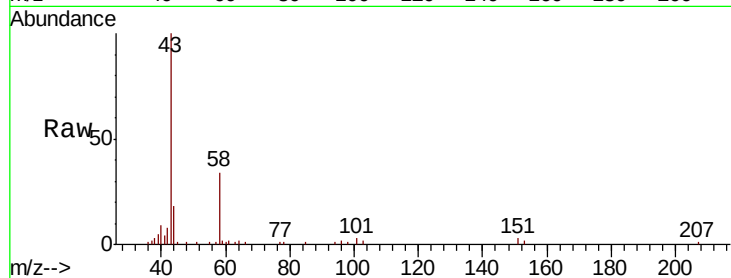
VU0310WBS01

Tgt Ion: 43 Resp: 26490

Ion Ratio Lower Upper

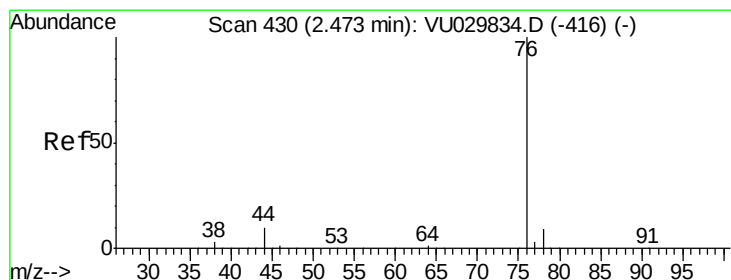
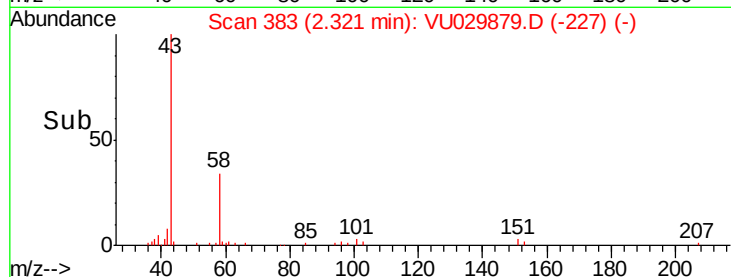
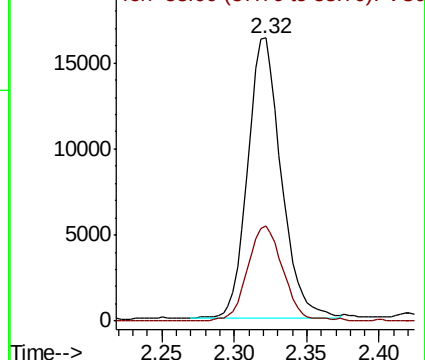
43 100

58 33.9 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU029879.D (-227) (-)

Ion 58.00 (57.70 to 58.70): VU029879.D (-227) (-)



#14

Carbon Disulfide

Concen: 1.766 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029879.D

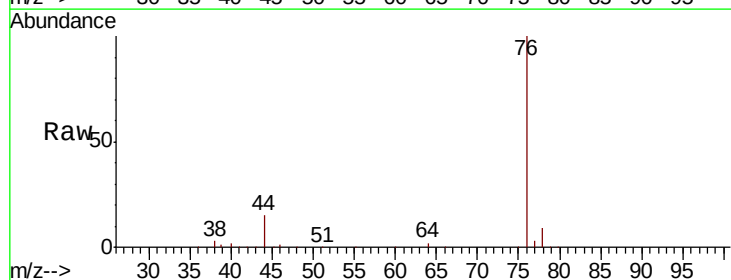
Acq: 08 Mar 2019 11:04

Tgt Ion: 76 Resp: 92216

Ion Ratio Lower Upper

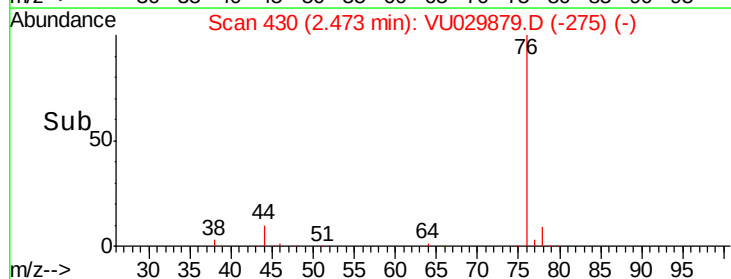
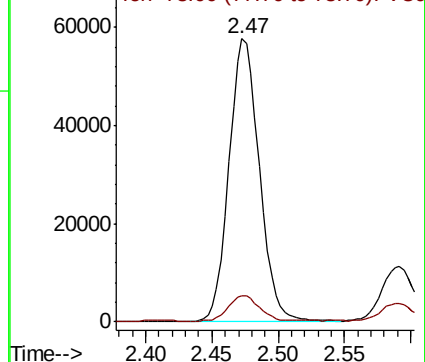
76 100

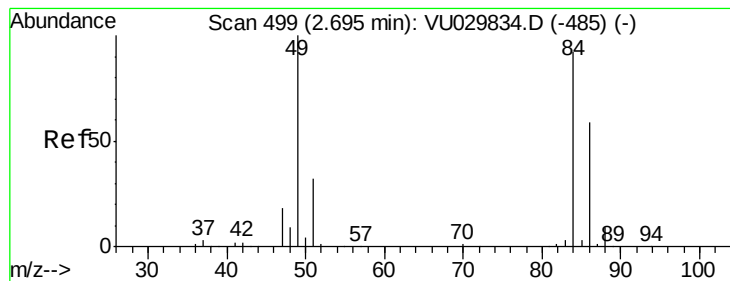
78 9.1 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU029879.D (-275) (-)

Ion 78.00 (77.70 to 78.70): VU029879.D (-275) (-)





#15

Methylene Chloride

Concen: 1.837 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tgt Ion: 84 Resp: 35549

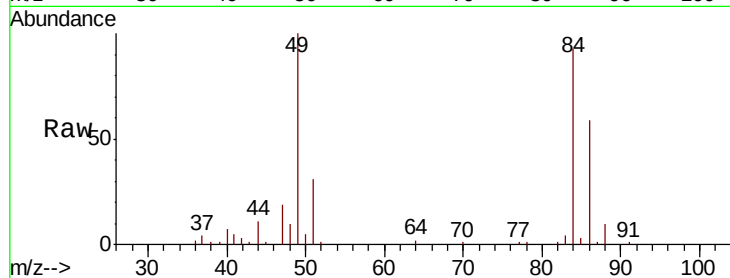
Ion Ratio Lower Upper

84 100

49 108.1 87.2 130.8

51 33.5 0.0 69.0

86 63.6 51.3 76.9

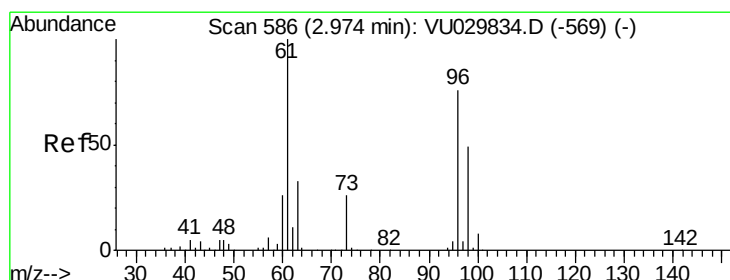
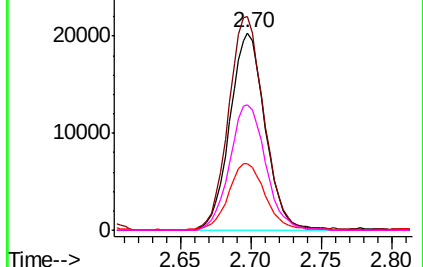
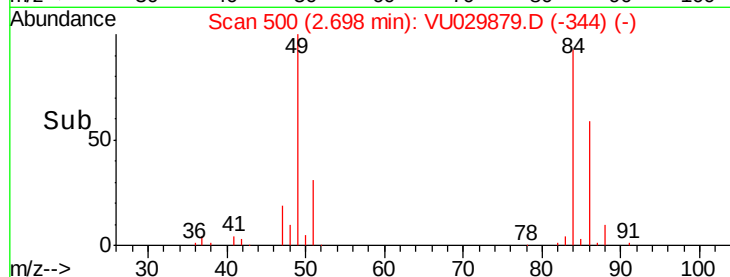


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 1.858 ug/l

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

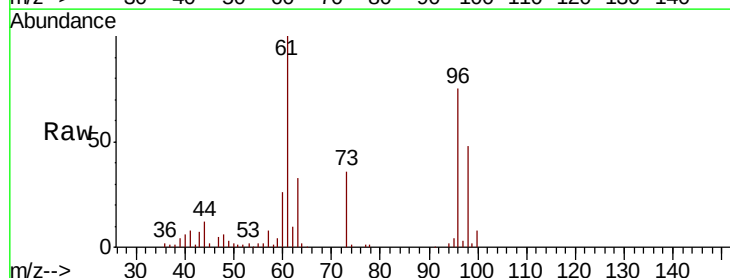
Tgt Ion: 96 Resp: 33847

Ion Ratio Lower Upper

96 100

61 133.3 104.7 157.1

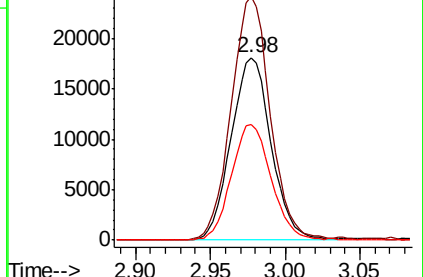
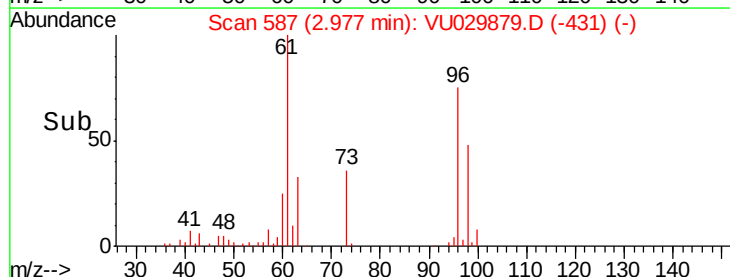
98 63.4 50.9 76.3

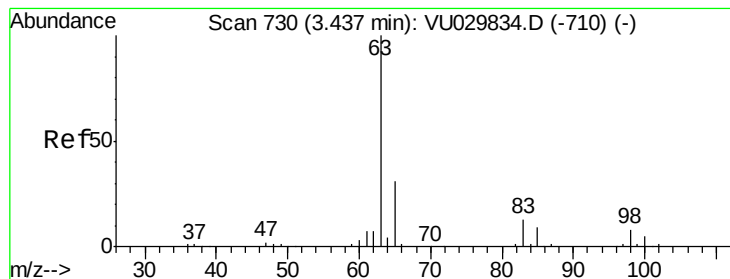


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 1.860 ug/l

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

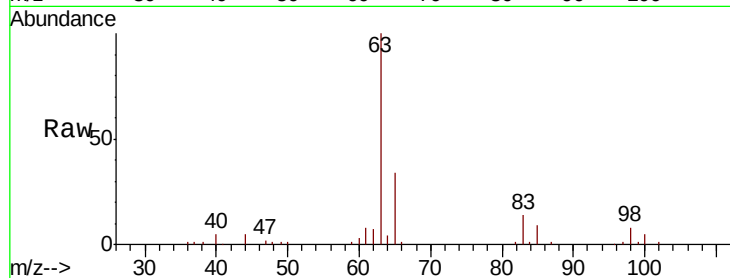
Tgt Ion: 63 Resp: 56703

Ion Ratio Lower Upper

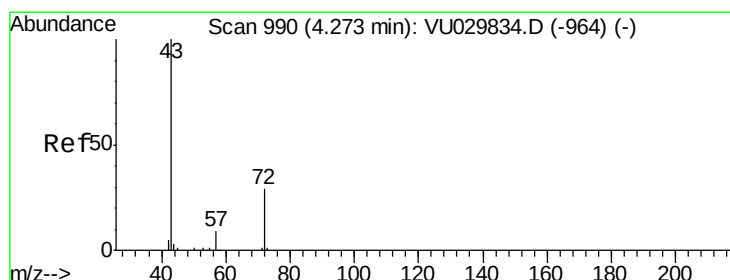
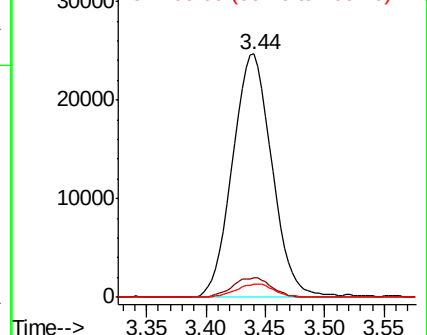
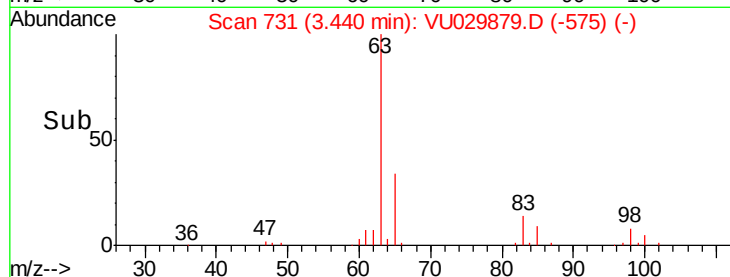
63 100

98 8.0 3.8 11.4

100 5.4 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VU029879.D (-575) (-)



#18

2-Butanone

Concen: 9.270 ug/l

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU029879.D

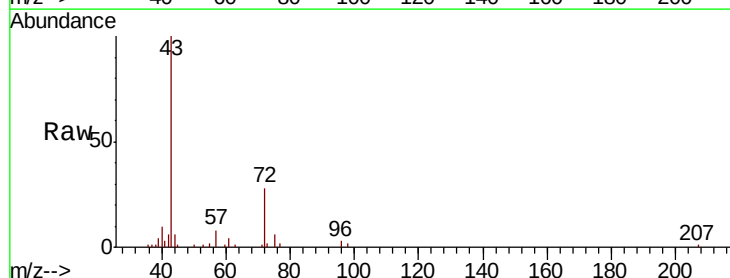
Acq: 08 Mar 2019 11:04

Tgt Ion: 43 Resp: 36690

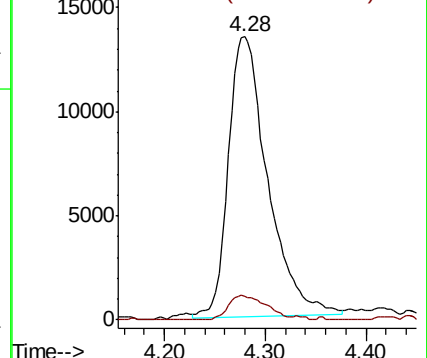
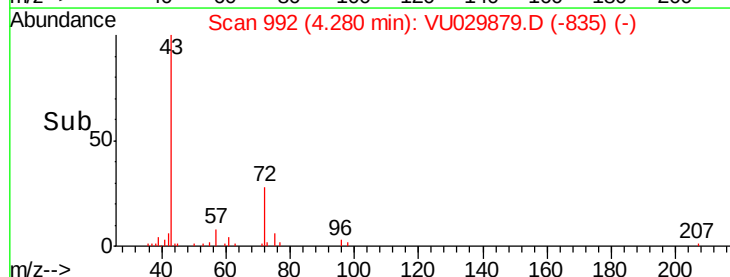
Ion Ratio Lower Upper

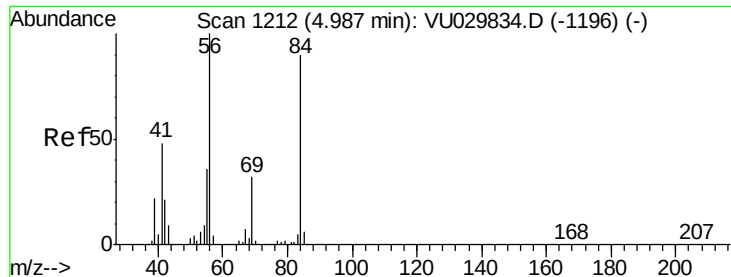
43 100

57 8.6 0.0 18.6



Abundance Ion 43.00 (42.70 to 43.70): VU029879.D (-835) (-)

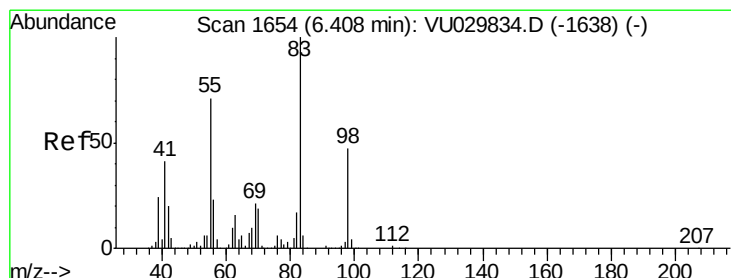
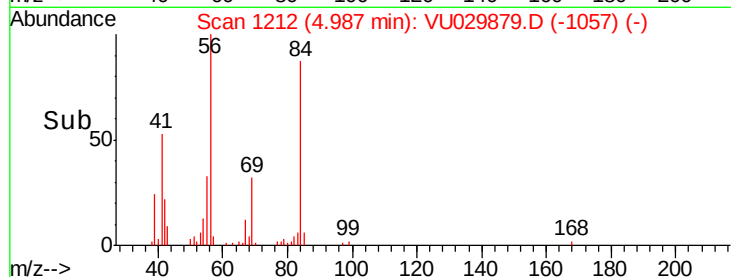
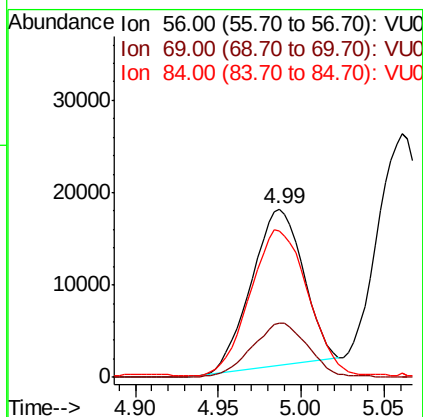
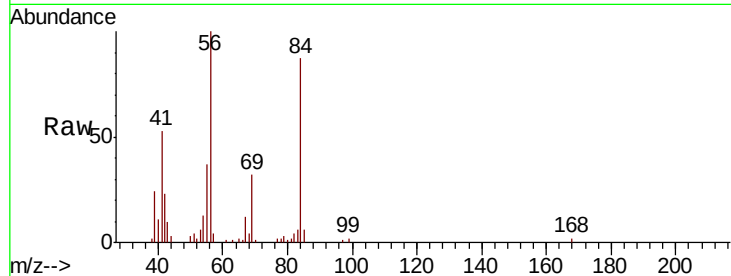




#19
Cyclohexane
Concen: 1.565 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

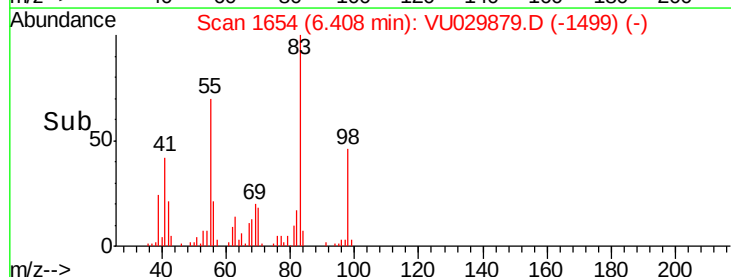
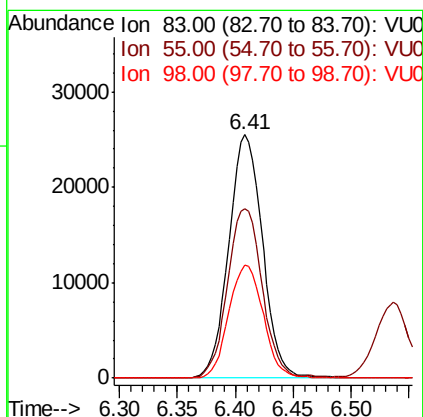
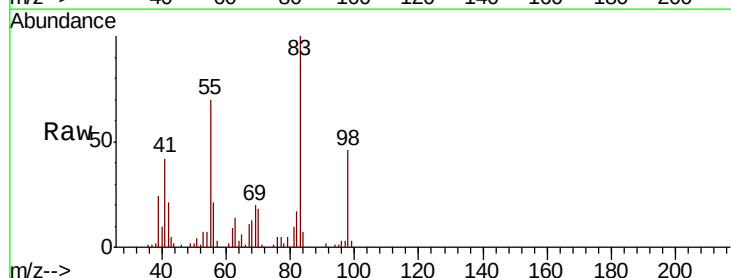
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

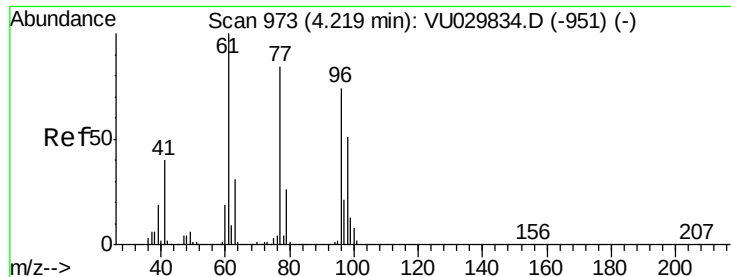
Tgt Ion: 56 Resp: 37047
Ion Ratio Lower Upper
56 100
69 37.7 29.4 44.2
84 103.1 84.6 127.0



#20
Methylcyclohexane
Concen: 1.868 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 83 Resp: 51499
Ion Ratio Lower Upper
83 100
55 70.0 55.9 83.9
98 47.4 37.0 55.4





#21

2,2-Dichloropropane

Concen: 1.848 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

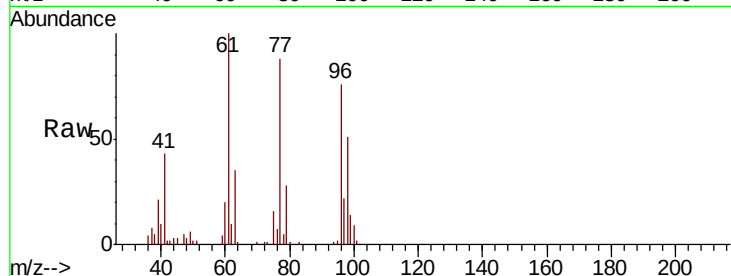
VU0310WBS01

Tgt Ion: 77 Resp: 46043

Ion Ratio Lower Upper

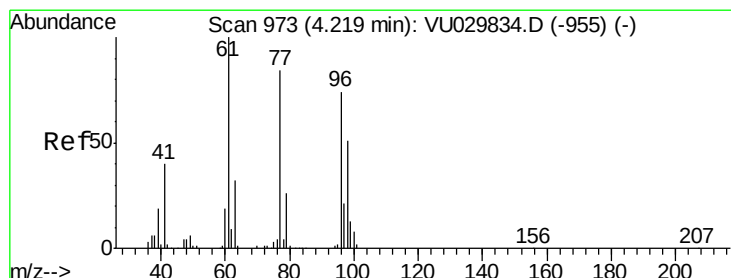
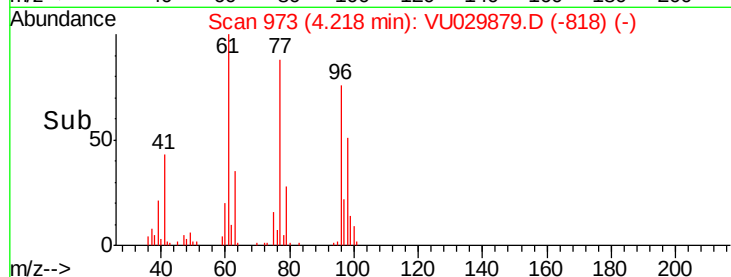
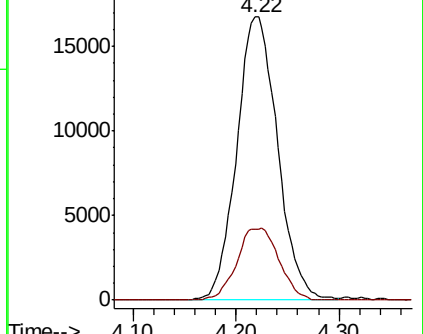
77 100

97 26.2 20.2 30.2



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.911 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

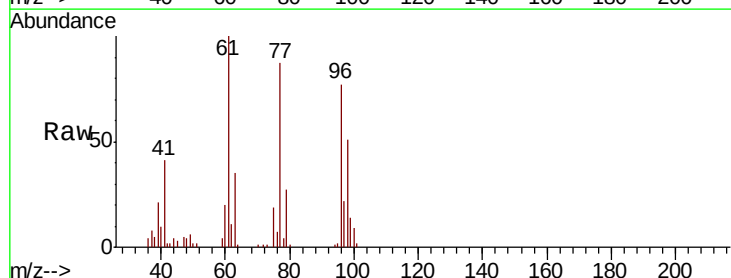
Tgt Ion: 96 Resp: 36888

Ion Ratio Lower Upper

96 100

61 132.8 0.0 339.0

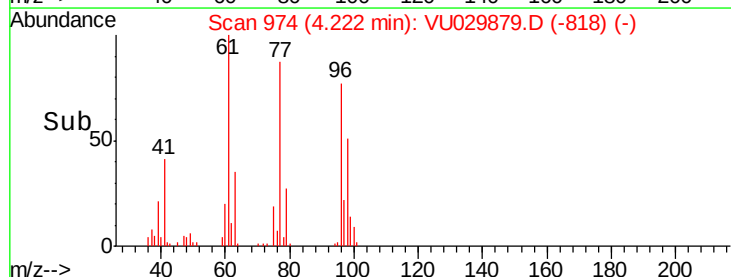
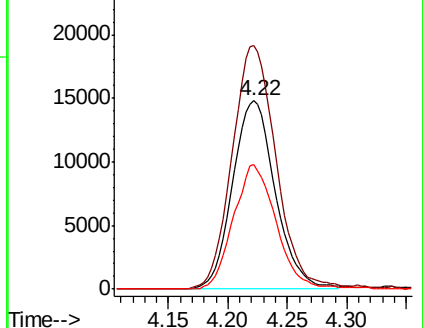
98 65.1 33.1 99.5

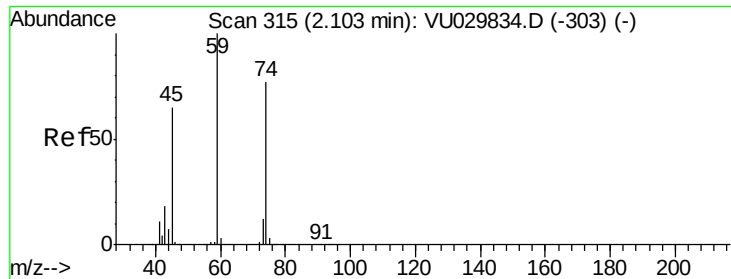


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

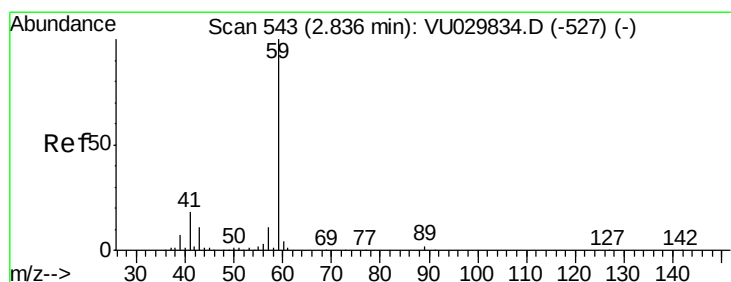
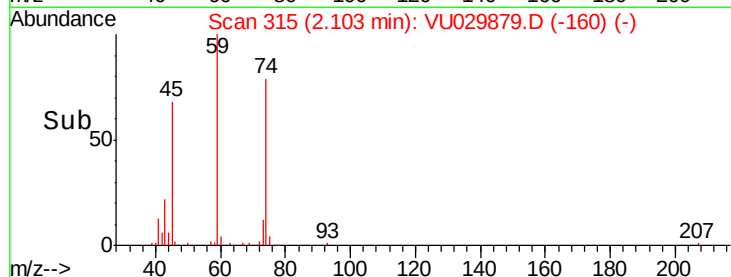
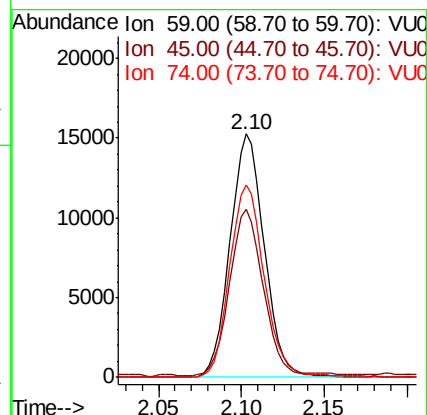
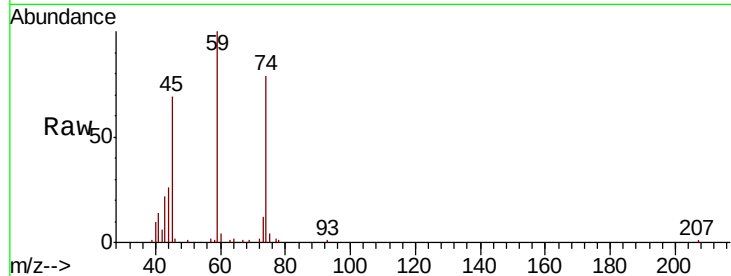




#23
Diethyl Ether
Concen: 1.809 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

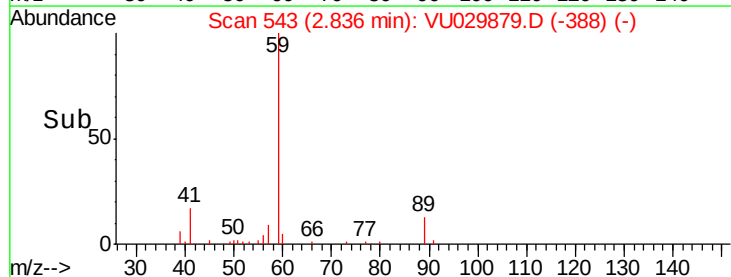
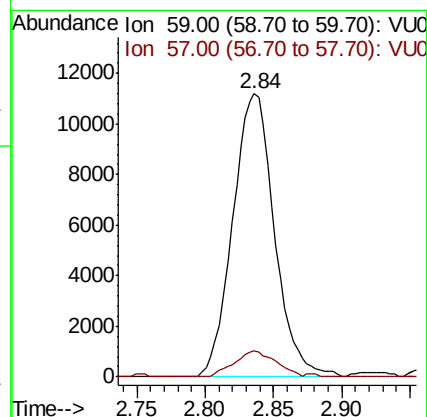
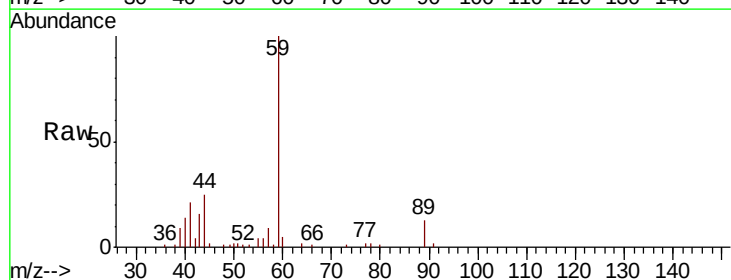
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

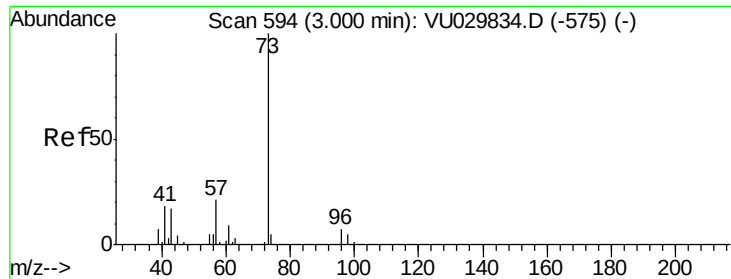
Tgt Ion: 59 Resp: 21866
Ion Ratio Lower Upper
59 100
45 66.7 52.7 79.1
74 79.8 61.8 92.6



#24
tert-Butyl Alcohol
Concen: 19.029 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 59 Resp: 23733
Ion Ratio Lower Upper
59 100
57 9.3 8.5 12.7





#25

Methyl tert-Butyl Ether

Concen: 1.910 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

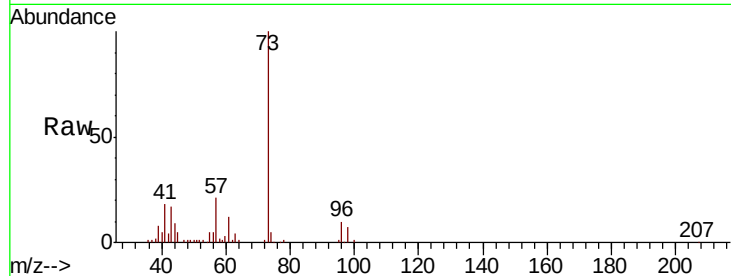
VU0310WBS01

Tgt Ion: 73 Resp: 77565

Ion Ratio Lower Upper

73 100

43 16.5 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029834.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029834.D (-575) (-)

3.00

40000

30000

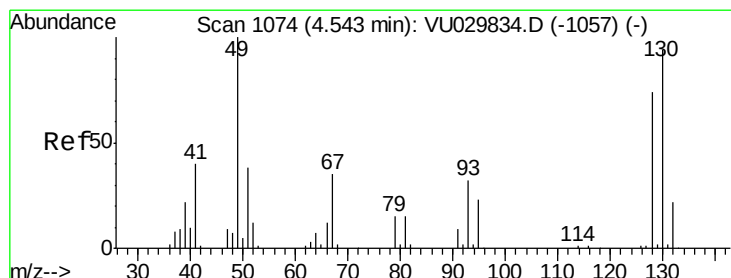
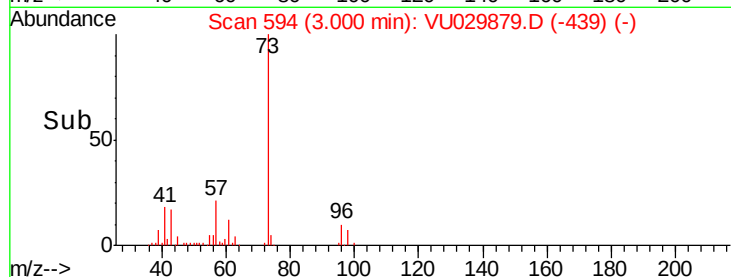
20000

10000

0

Time-->

2.90 2.95 3.00 3.05 3.10



#26

Bromochloromethane

Concen: 1.949 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

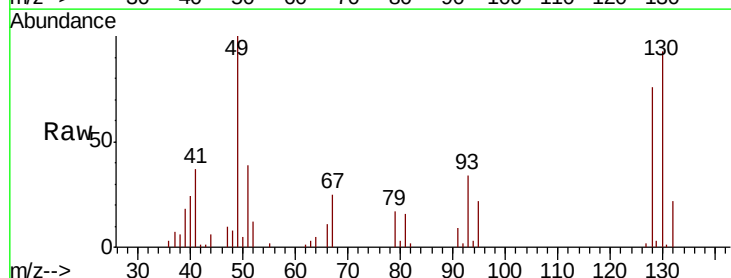
Tgt Ion: 128 Resp: 16704

Ion Ratio Lower Upper

128 100

49 134.5 0.0 270.6

130 124.2 104.2 156.4



Abundance Ion 128.00 (127.70 to 128.70): VU029834.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU029834.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU029834.D (-1057) (-)

12000

10000

8000

6000

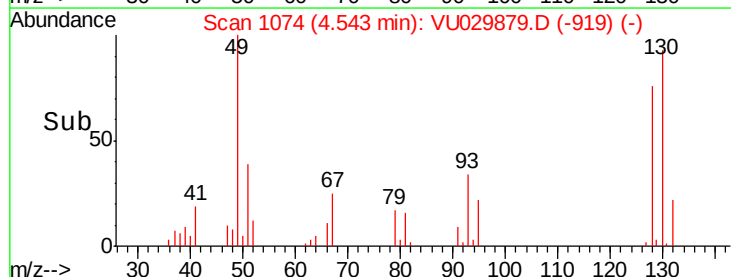
4000

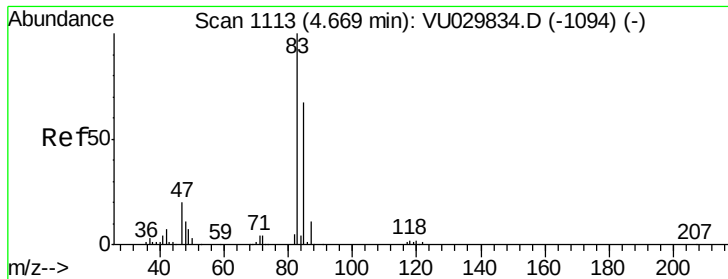
2000

0

Time-->

4.45 4.50 4.55 4.60 4.65





#27

Chloroform

Concen: 1.956 ug/l

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

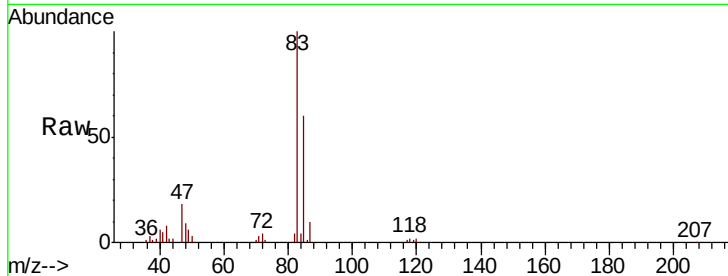
VU0310WBS01

Tgt Ion: 83 Resp: 60383

Ion Ratio Lower Upper

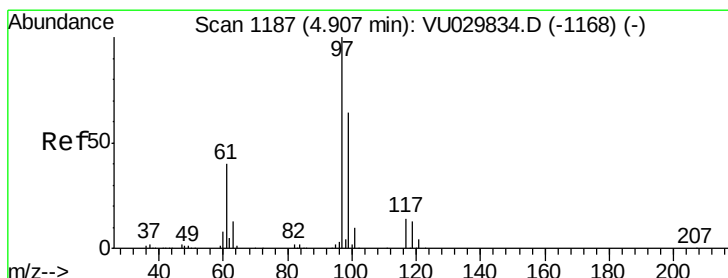
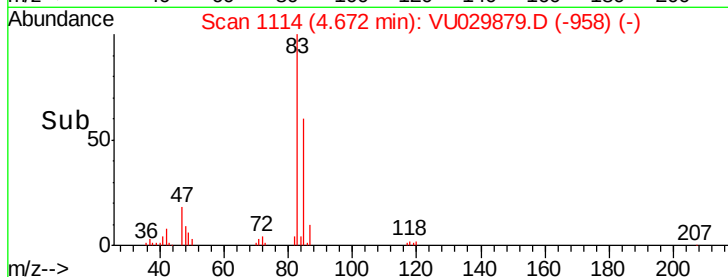
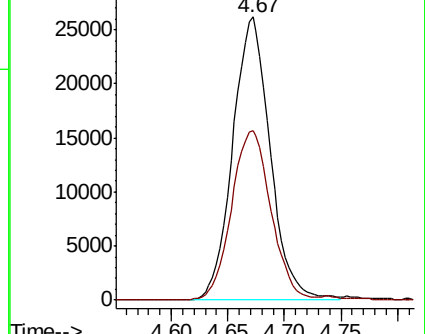
83 100

85 60.0 0.0 133.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.848 ug/l

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

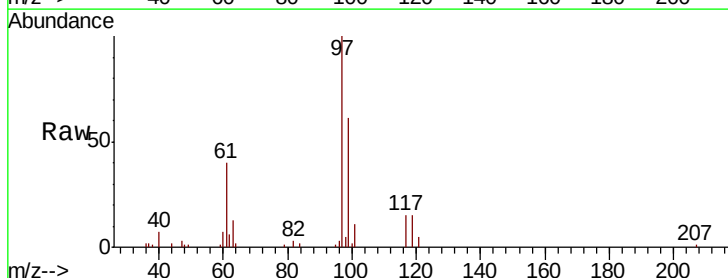
Tgt Ion: 97 Resp: 48363

Ion Ratio Lower Upper

97 100

99 65.6 31.9 95.9

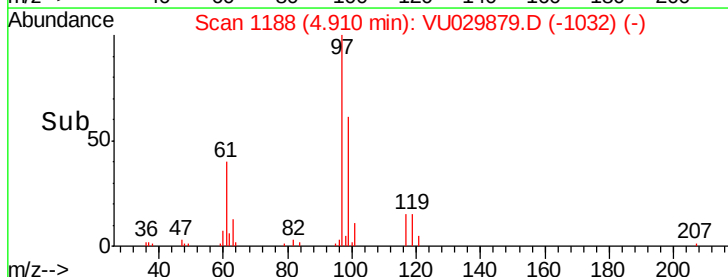
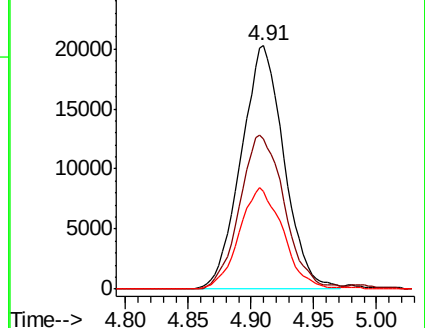
61 42.3 20.4 61.3

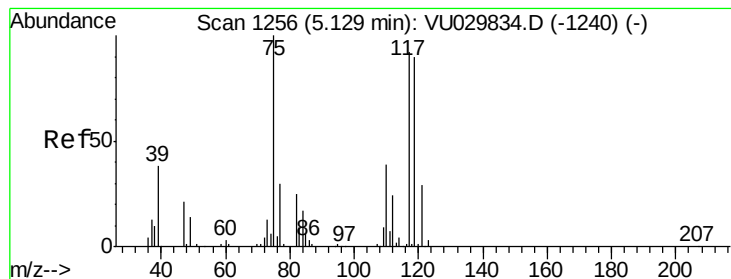


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

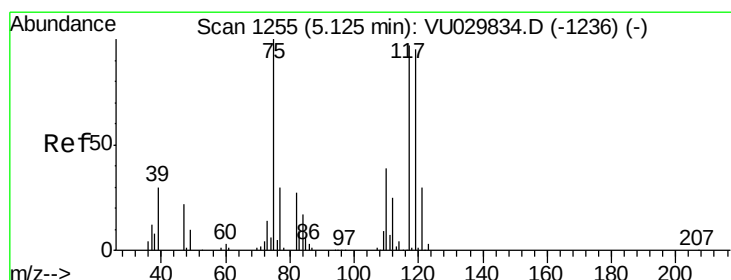
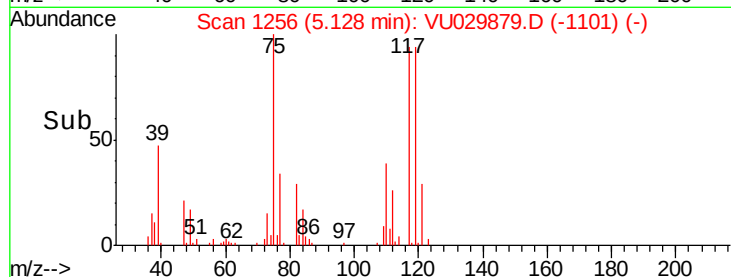
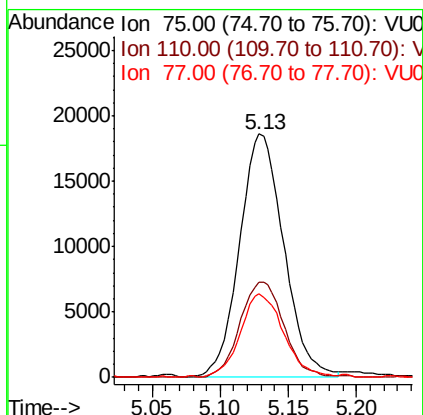
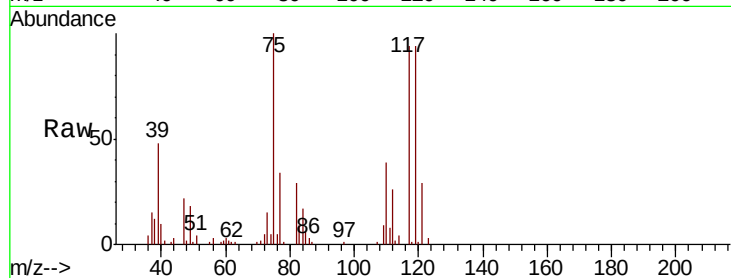




#29
 1,1-Dichloropropene
 Concen: 1.804 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

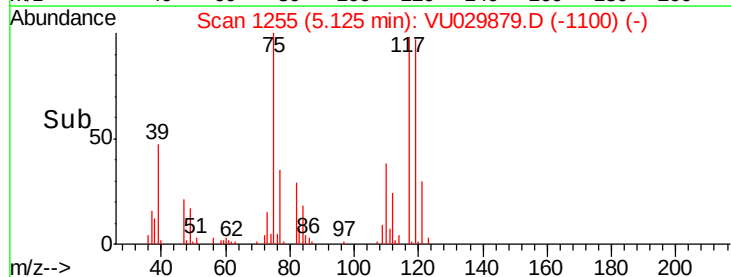
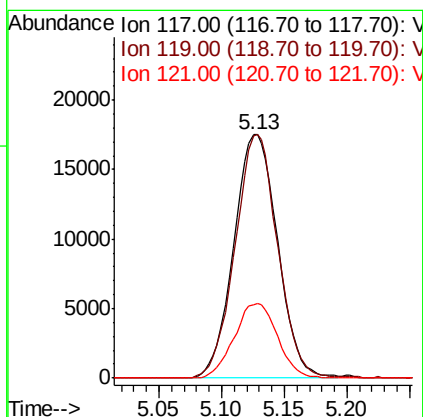
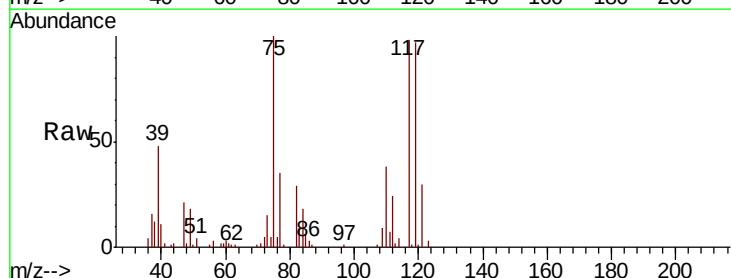
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

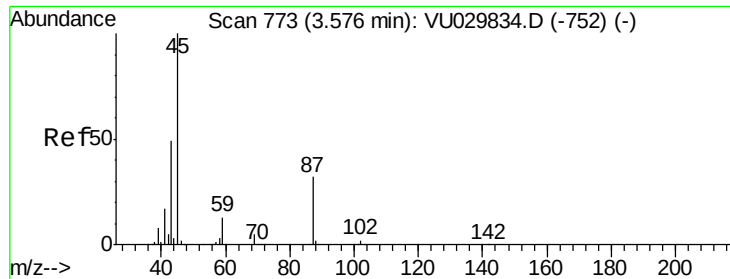
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.5
77	33.5	23.9	35.9



#30
 Carbon Tetrachloride
 Concen: 1.860 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.4	117.6
121	30.3	25.0	37.4





#31

Isopropyl Ether

Concen: 1.951 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

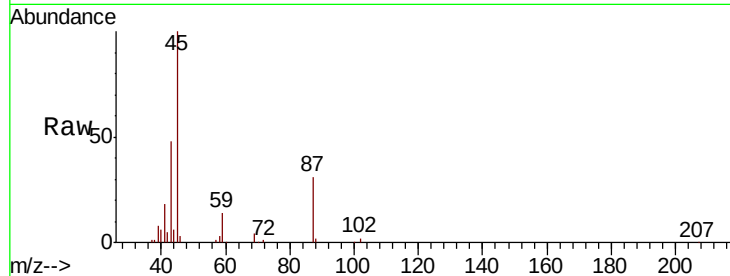
VU0310WBS01

Tgt Ion: 45 Resp: 82027

Ion Ratio Lower Upper

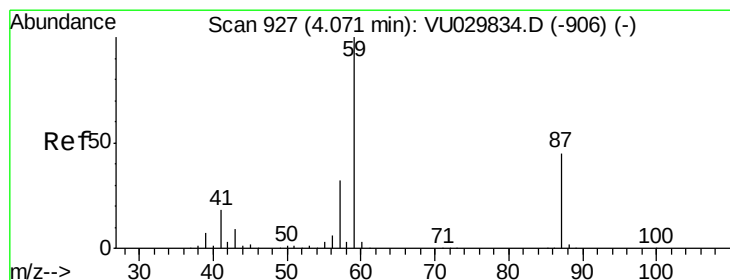
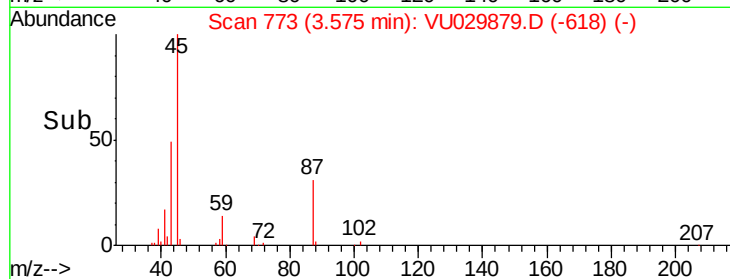
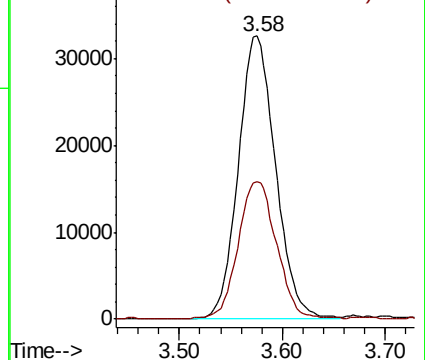
45 100

43 50.0 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: 1.932 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029879.D

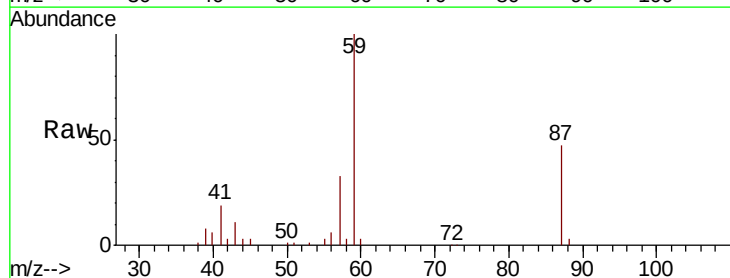
Acq: 08 Mar 2019 11:04

Tgt Ion: 59 Resp: 78934

Ion Ratio Lower Upper

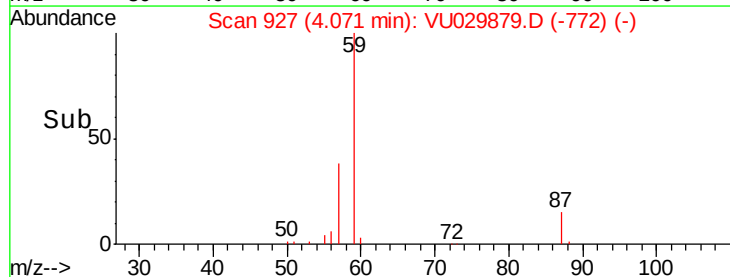
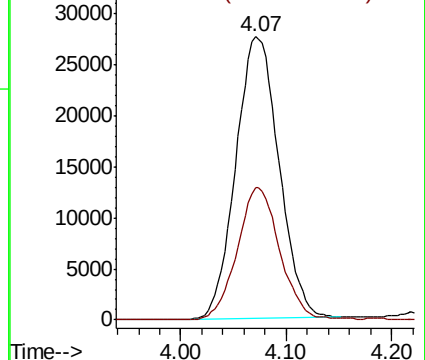
59 100

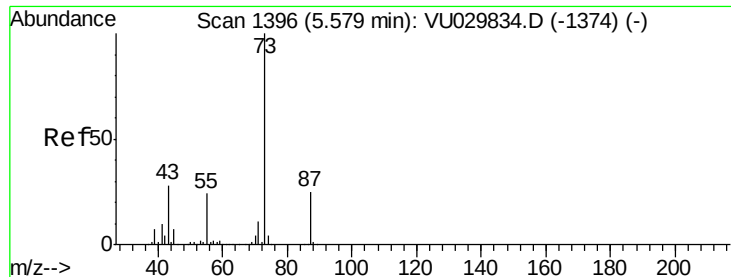
87 45.2 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

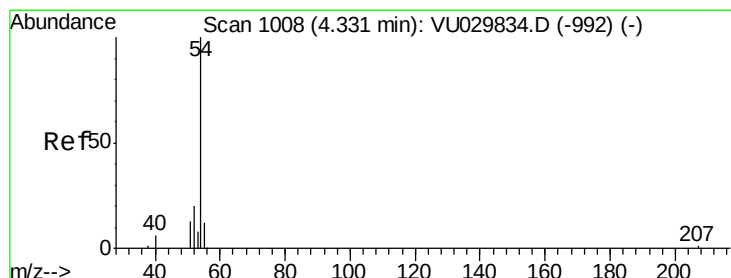
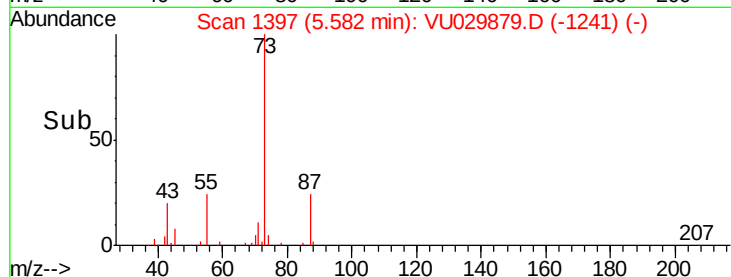
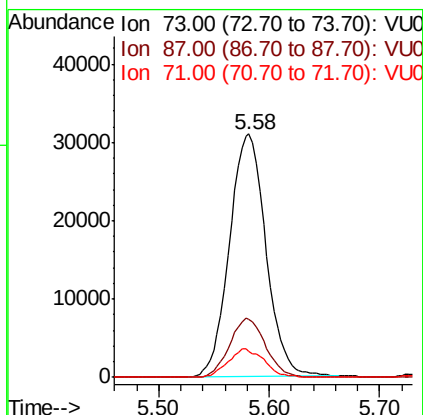
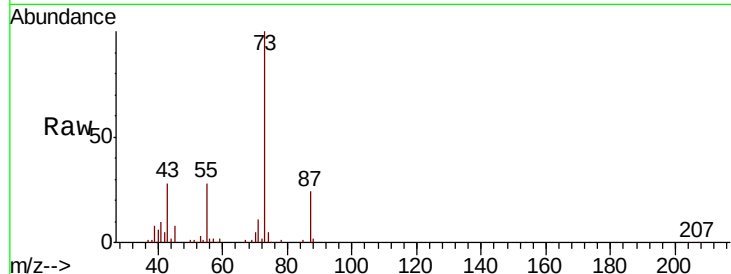




#33
Tert-Amyl methyl ether
Concen: 1.879 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

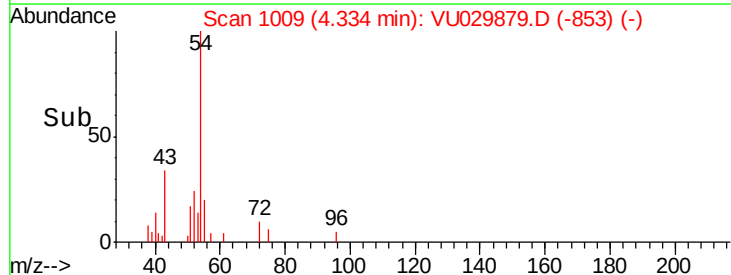
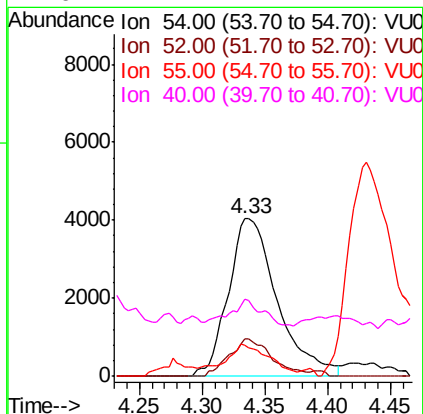
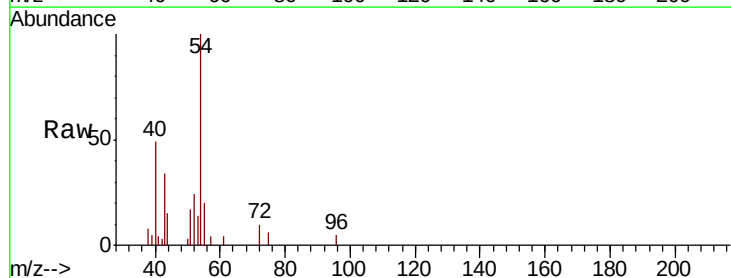
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

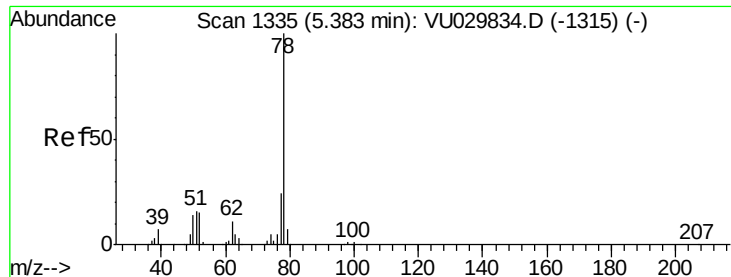
Tgt Ion: 73 Resp: 71004
Ion Ratio Lower Upper
73 100
87 23.9 19.7 29.5
71 11.5 9.4 14.2



#34
Propionitrile
Concen: 9.297 ug/l
RT: 4.33 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 54 Resp: 10946
Ion Ratio Lower Upper
54 100
52 20.3 16.1 24.1
55 14.0 11.2 16.8
40 11.7 4.7 7.1#





#35

Benzene

Concen: 1.904 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

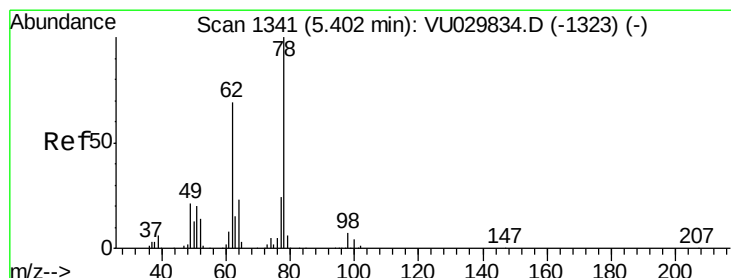
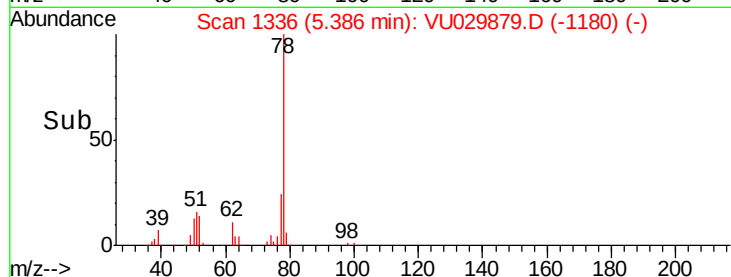
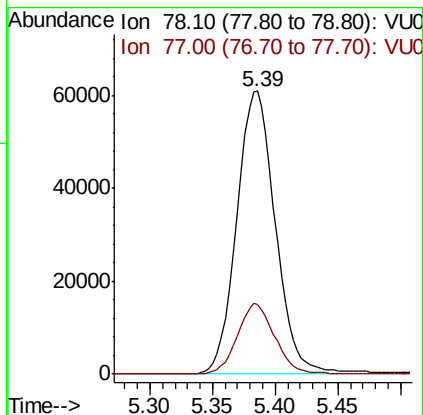
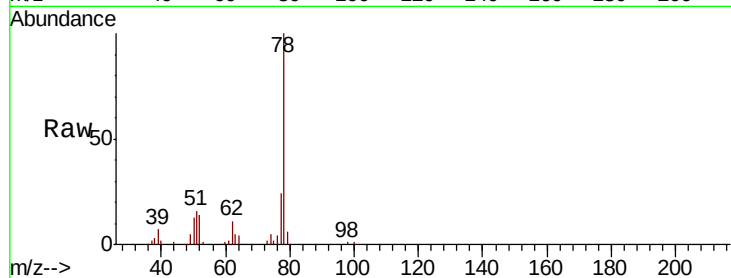
VU0310WBS01

Tgt Ion: 78 Resp: 130445

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8



#36

1,2-Dichloroethane

Concen: 1.854 ug/l

RT: 5.40 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029879.D

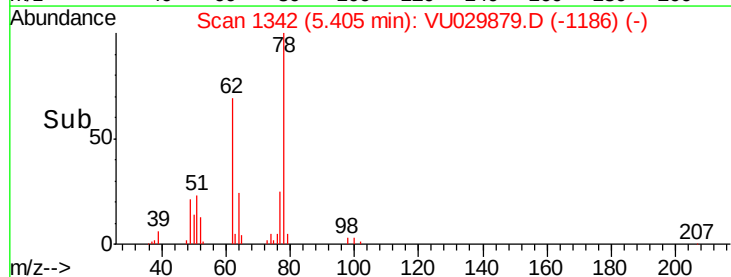
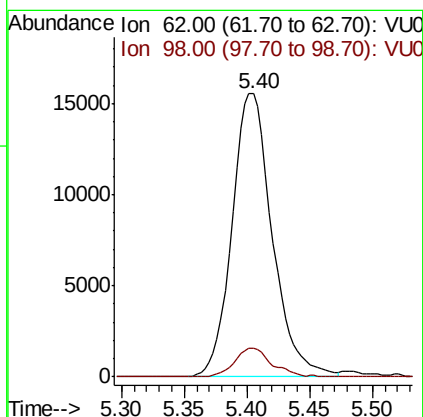
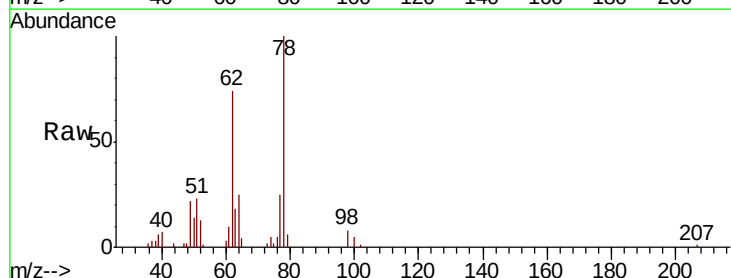
Acq: 08 Mar 2019 11:04

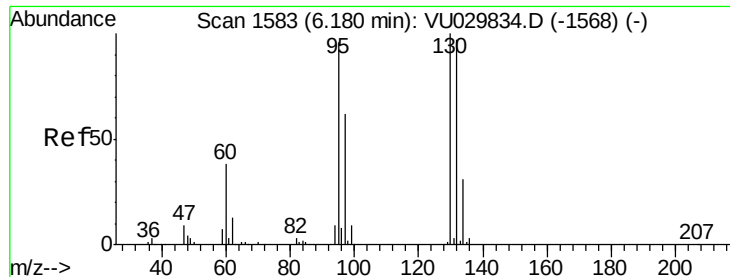
Tgt Ion: 62 Resp: 34685

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.2





#37

Trichloroethene

Concen: 1.872 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

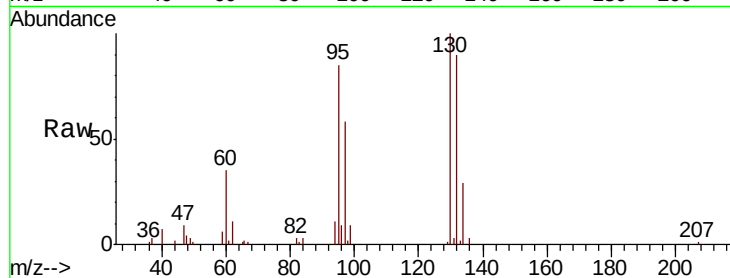
VU0310WBS01

Tgt Ion:130 Resp: 37444

Ion Ratio Lower Upper

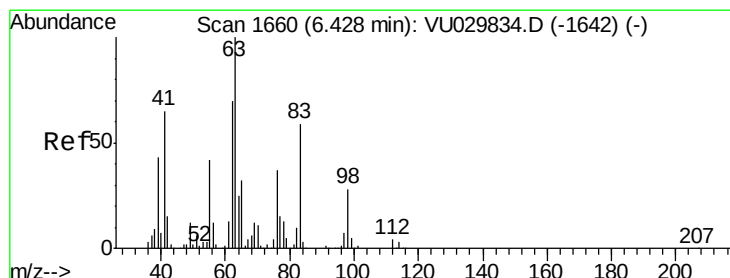
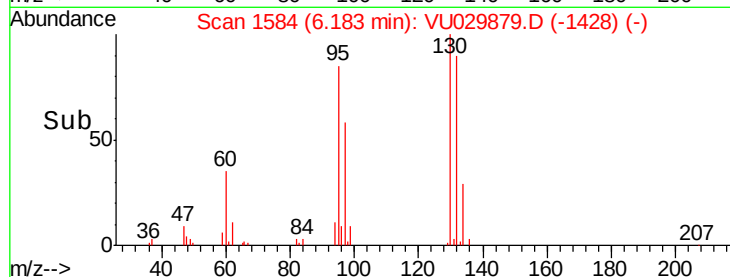
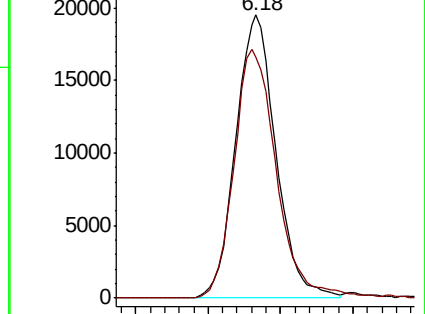
130 100

95 85.3 76.6 114.8



Abundance Ion 129.90 (129.60 to 130.60): VU029879.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU029879.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 1.956 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029879.D

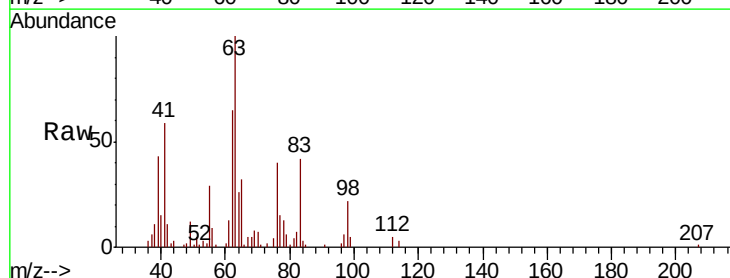
Acq: 08 Mar 2019 11:04

Tgt Ion: 63 Resp: 33921

Ion Ratio Lower Upper

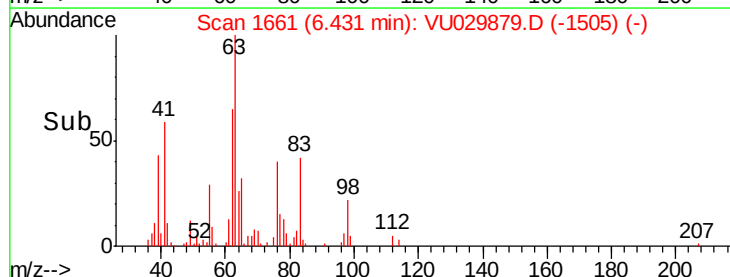
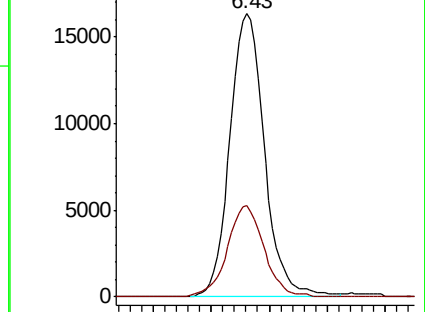
63 100

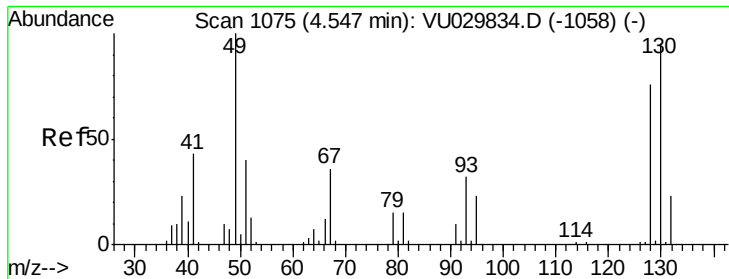
65 32.1 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU029879.D (-1505) (-)

Ion 65.00 (64.70 to 65.70): VU029879.D (-1505) (-)

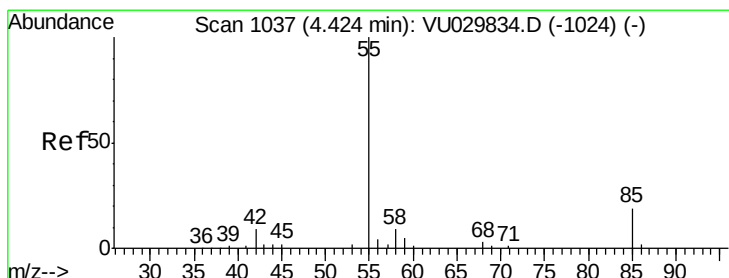
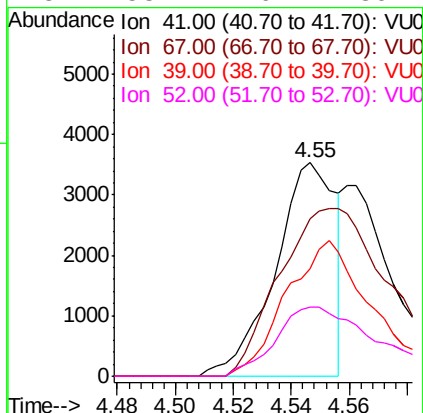
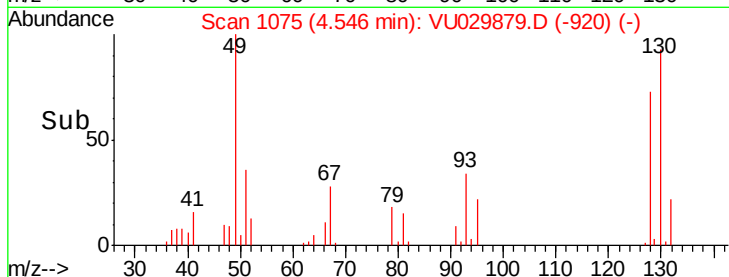
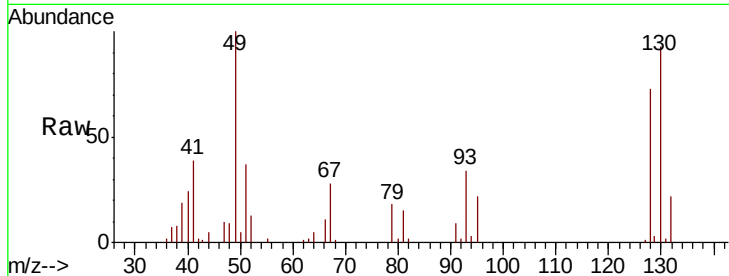




#39
Methacrylonitrile
Concen: 1.030 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

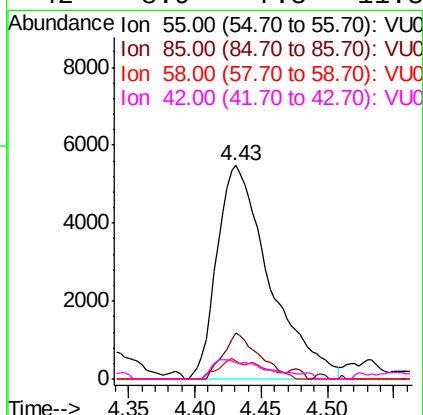
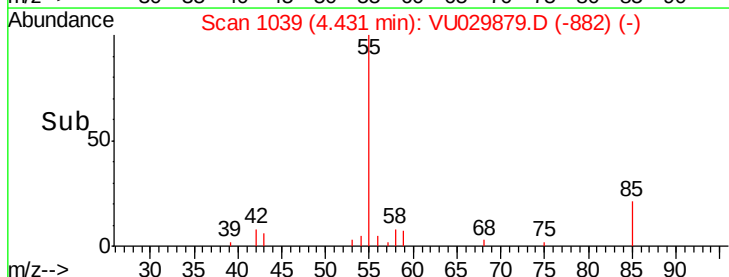
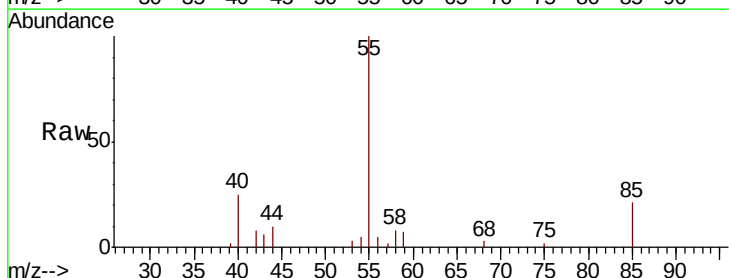
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

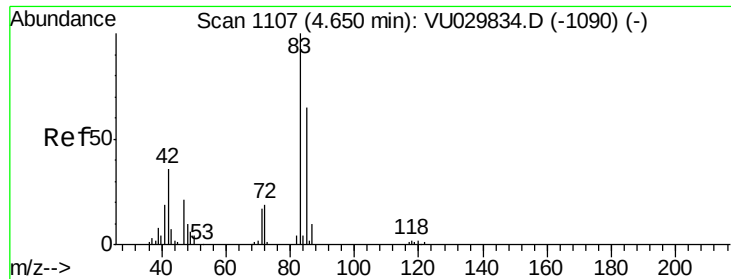
Tgt Ion: 41 Resp: 5099
Ion Ratio Lower Upper
41 100
67 155.6 68.4 102.6#
39 96.0 42.6 63.8#
52 53.1 26.2 39.4#



#40
Methyl acrylate
Concen: 1.929 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 55 Resp: 15102
Ion Ratio Lower Upper
55 100
85 14.3 15.2 22.8#
58 4.3 7.6 11.4#
42 8.9 7.5 11.3

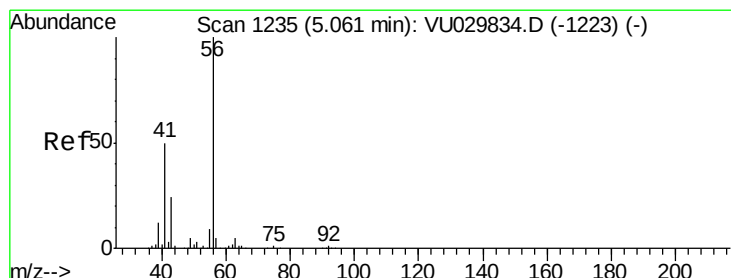
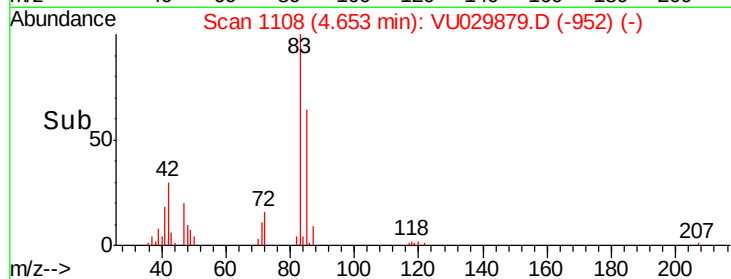
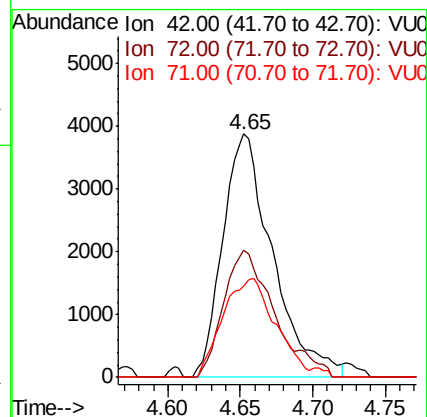
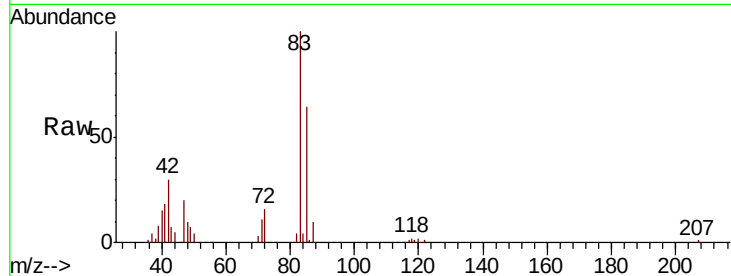




#41
Tetrahydrofuran
Concen: 3.573 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

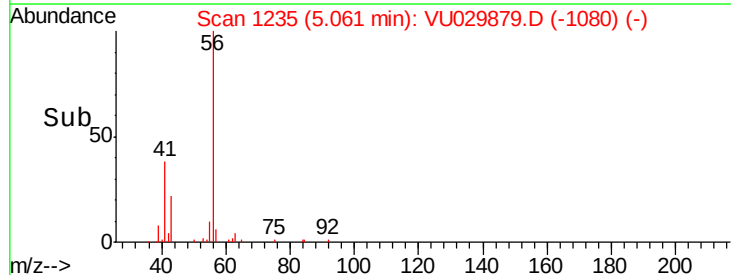
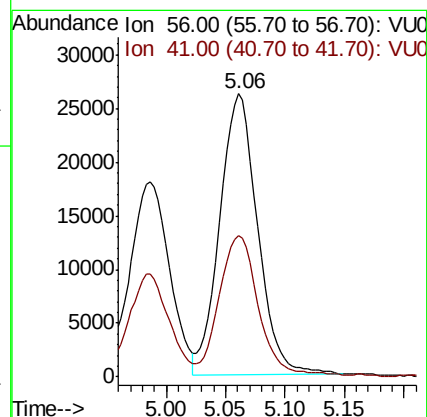
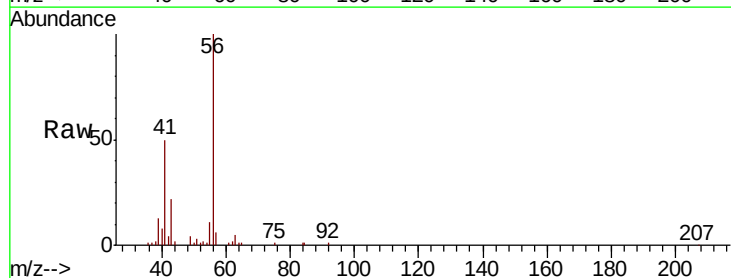
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

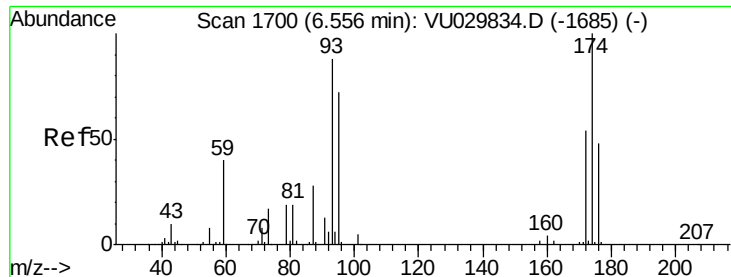
Tgt Ion: 42 Resp: 9255
Ion Ratio Lower Upper
42 100
72 53.2 43.6 65.4
71 42.9 37.5 56.3



#42
1-Chlorobutane
Concen: 1.951 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 56 Resp: 57968
Ion Ratio Lower Upper
56 100
41 50.3 25.0 75.0





#43

Dibromomethane

Concen: 1.973 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

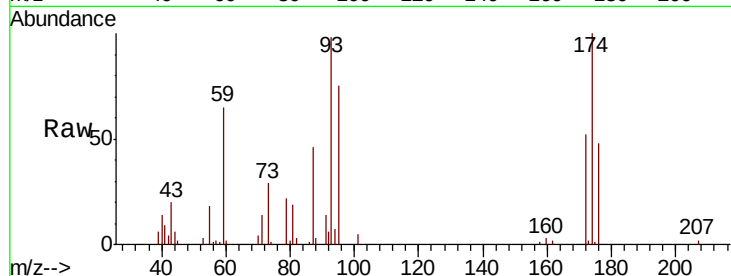
Tgt Ion: 93 Resp: 17733

Ion Ratio Lower Upper

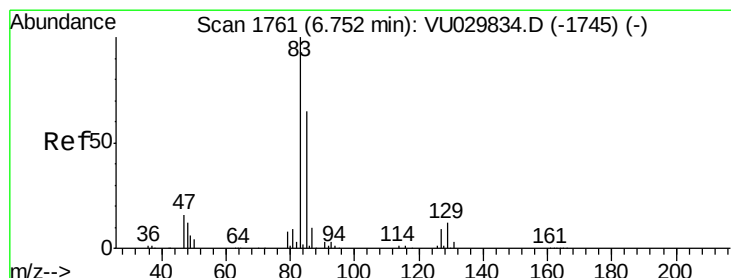
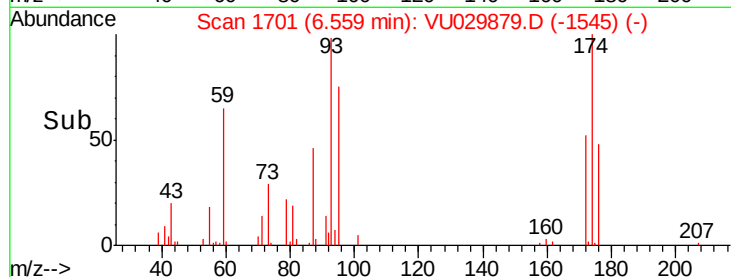
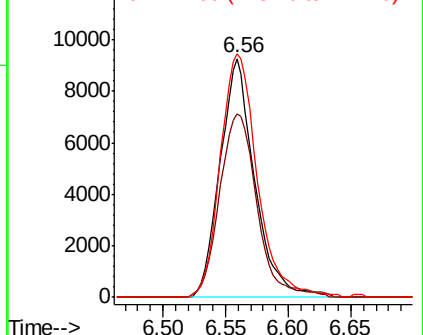
93 100

95 82.9 67.0 100.6

174 109.5 91.4 137.2



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.823 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

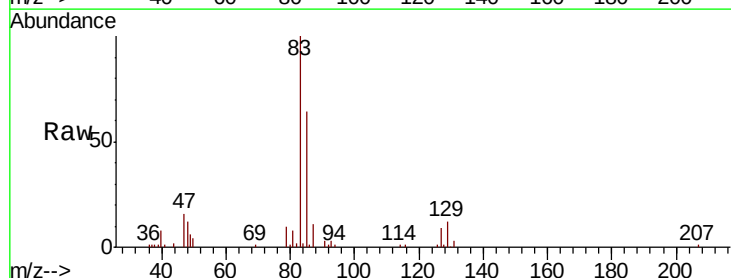
Tgt Ion: 83 Resp: 40249

Ion Ratio Lower Upper

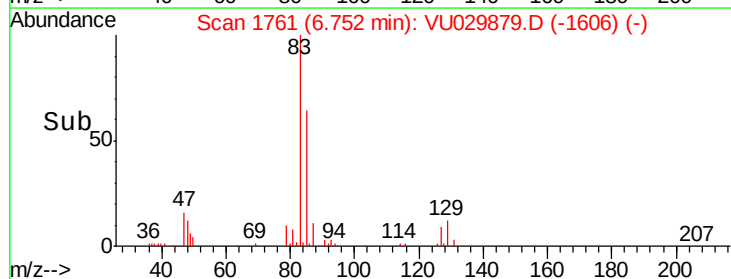
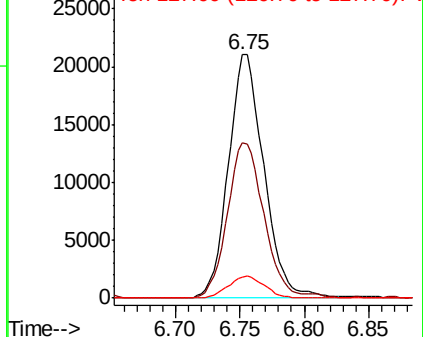
83 100

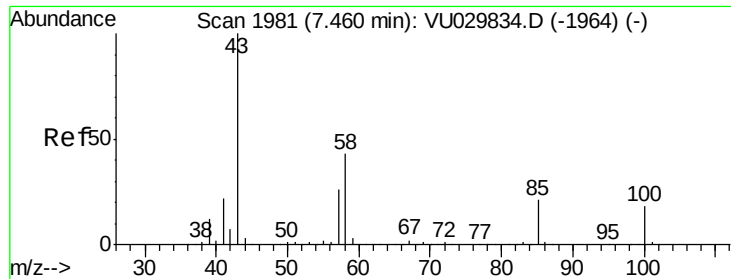
85 63.9 51.7 77.5

127 8.8 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V

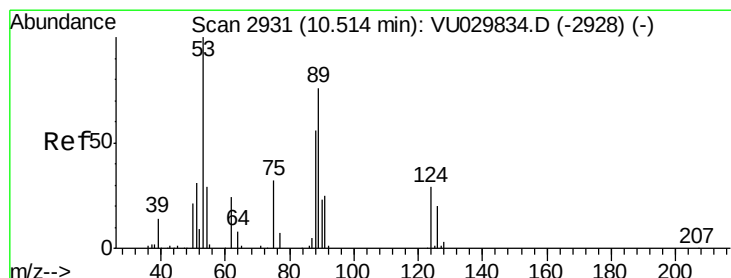
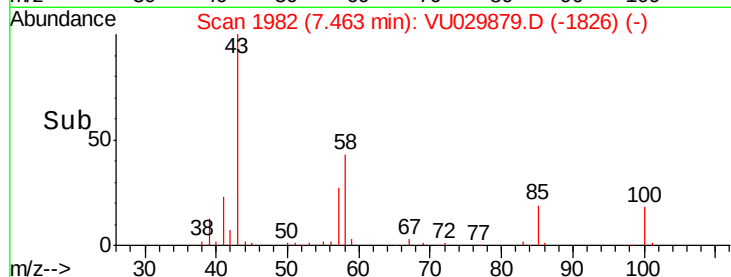
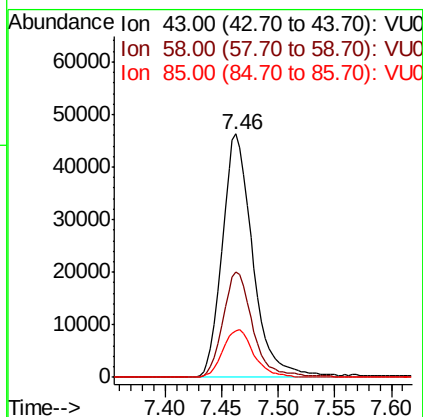
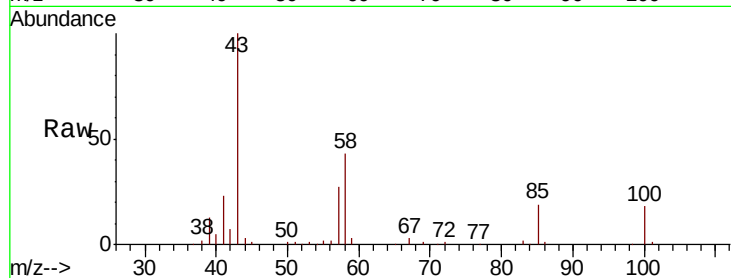




#45
4-Methyl-2-Pentanone
Concen: 9.284 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

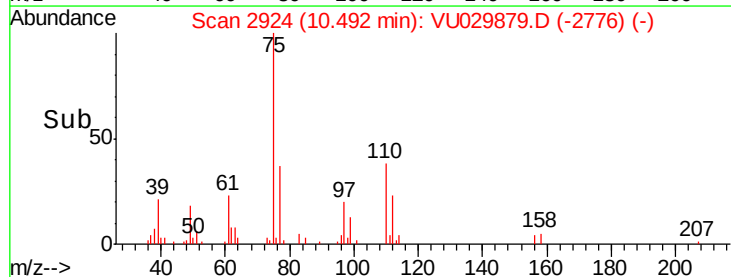
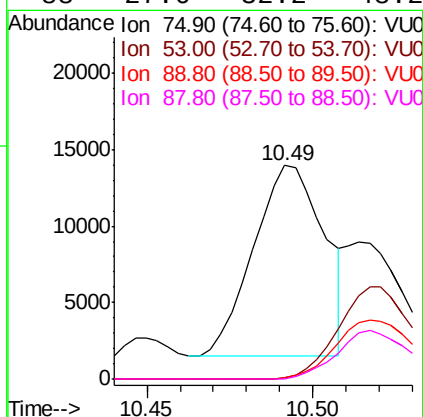
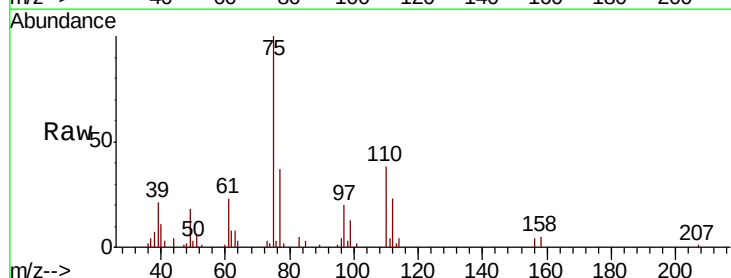
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

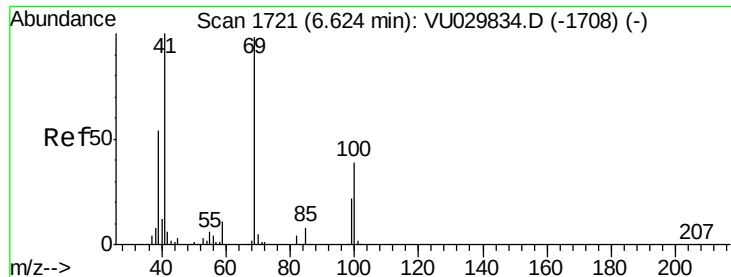
Tgt Ion: 43 Resp: 87024
Ion Ratio Lower Upper
43 100
58 41.9 21.6 65.0
85 19.8 16.5 24.7



#46
t-1,4-Dichloro-2-butene
Concen: 4.749 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 75 Resp: 18610
Ion Ratio Lower Upper
75 100
53 53.8 59.2 88.8#
89 35.9 44.9 67.3#
88 27.6 32.2 48.2#





#47

Methyl methacrylate

Concen: 3.667 ug/l

RT: 6.63 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tgt Ion: 69 Resp: 28285

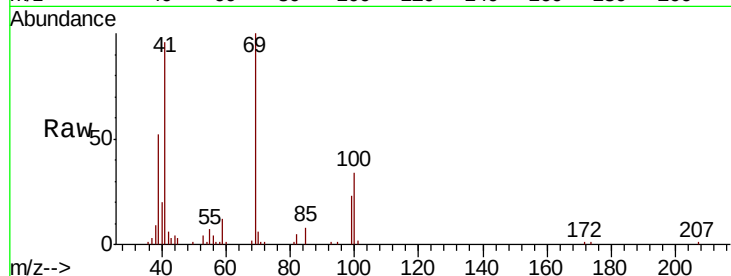
Ion Ratio Lower Upper

69 100

41 100.5 0.0 201.0

39 54.5 43.3 64.9

100 35.9 31.5 47.3

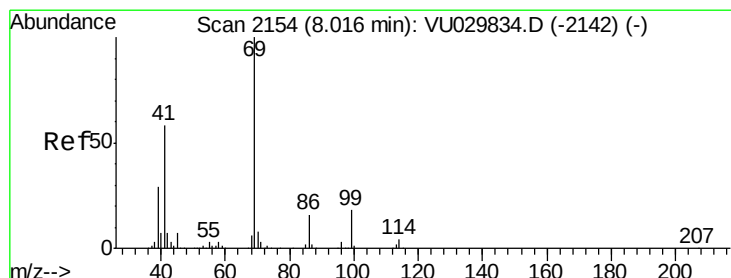
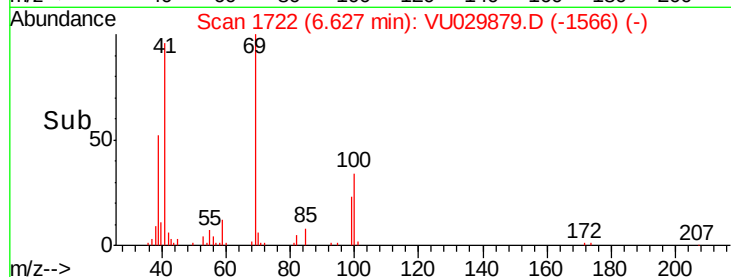
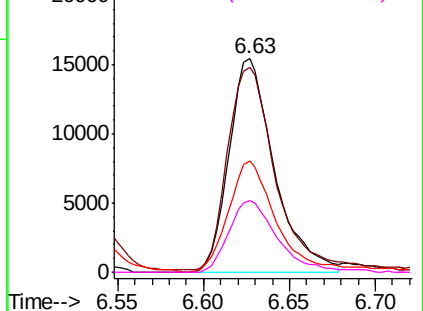


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 1.841 ug/l

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VU029879.D

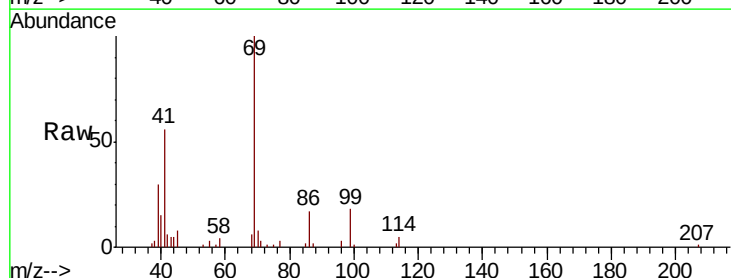
Acq: 08 Mar 2019 11:04

Tgt Ion: 69 Resp: 27199

Ion Ratio Lower Upper

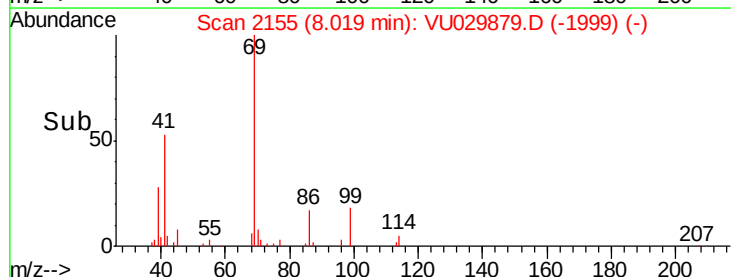
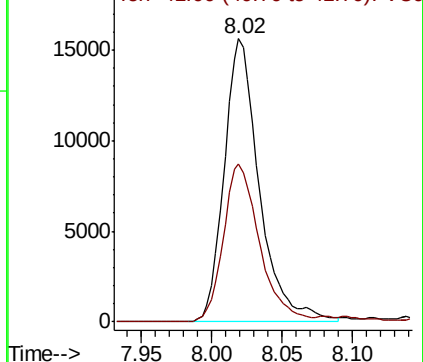
69 100

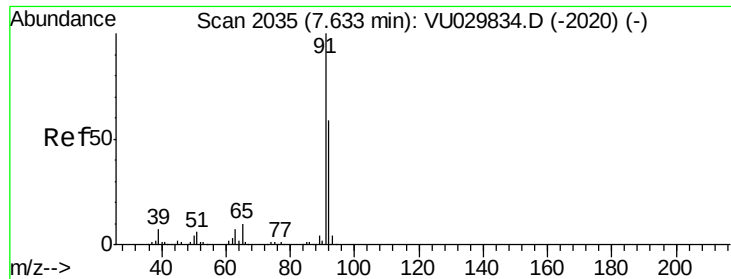
41 57.2 29.0 87.1



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.892 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

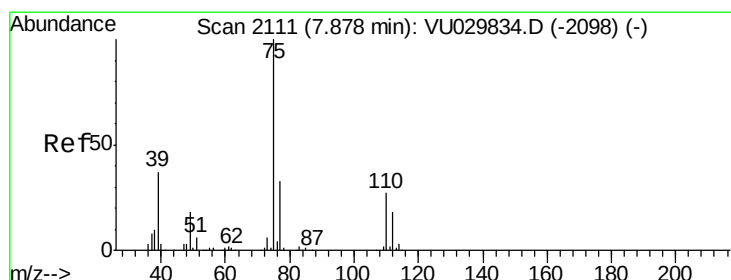
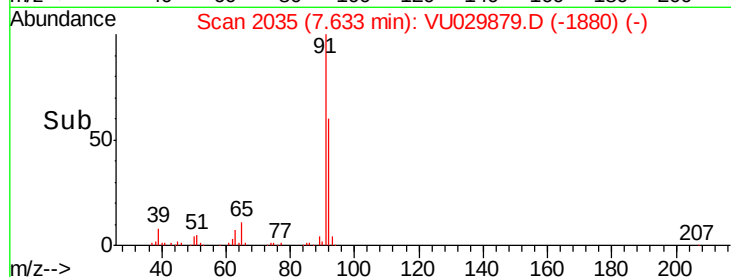
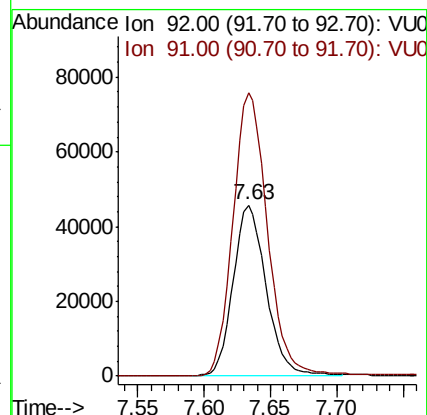
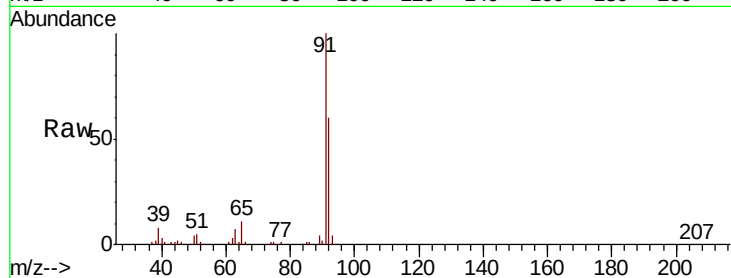
VU0310WBS01

Tgt Ion: 92 Resp: 79616

Ion Ratio Lower Upper

92 100

91 172.3 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 1.797 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029879.D

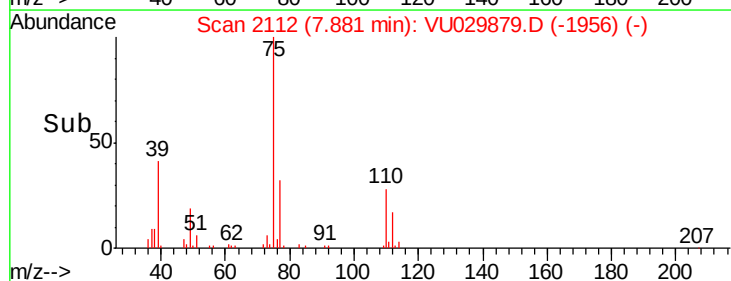
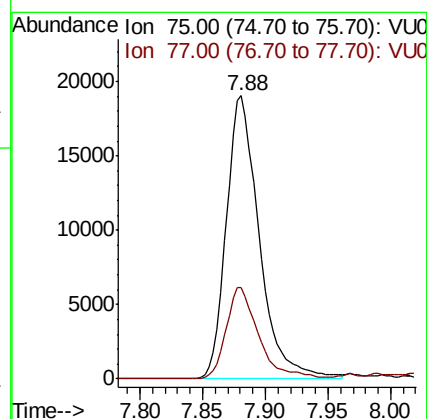
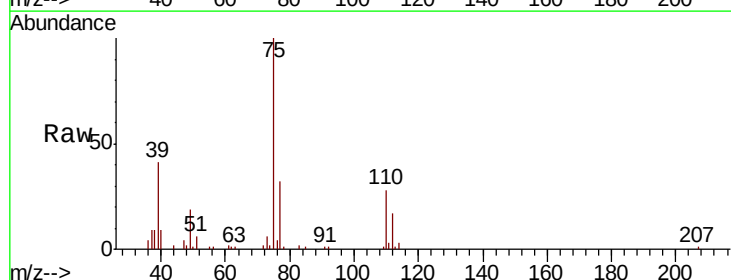
Acq: 08 Mar 2019 11:04

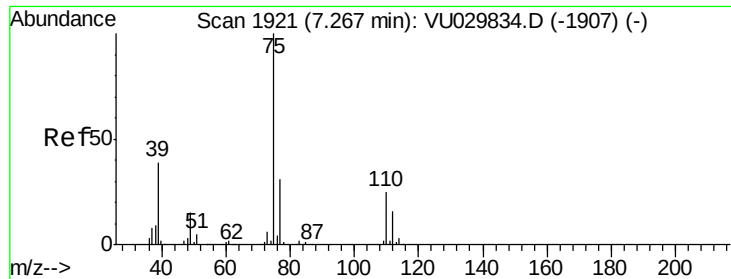
Tgt Ion: 75 Resp: 34767

Ion Ratio Lower Upper

75 100

77 32.4 26.4 39.6

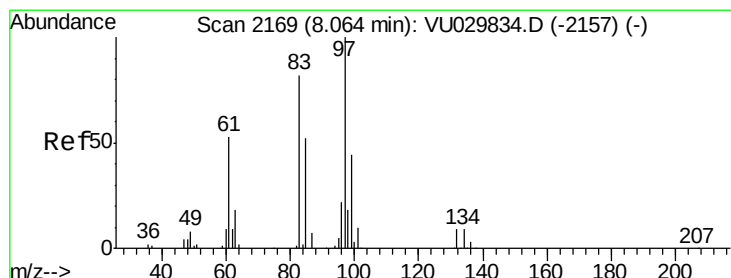
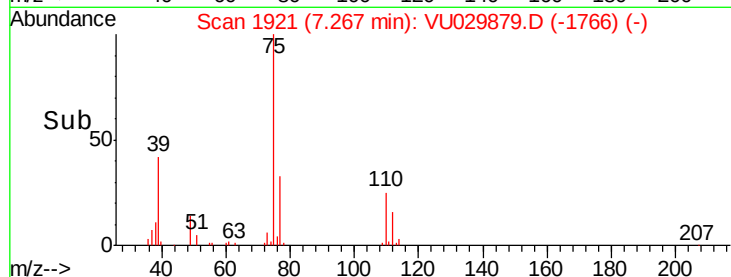
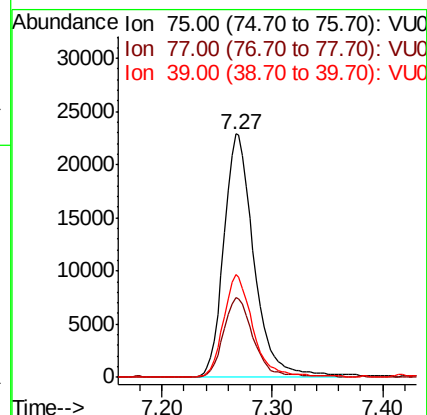
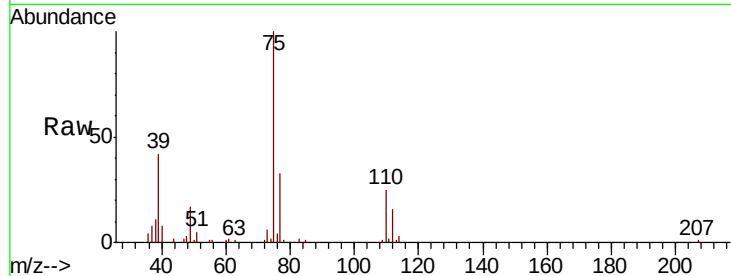




#51
 cis-1,3-Dichloropropene
 Concen: 1.815 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

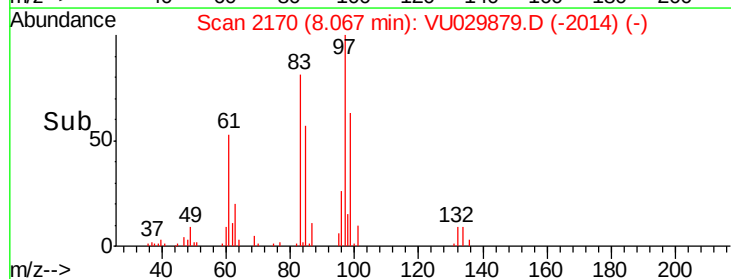
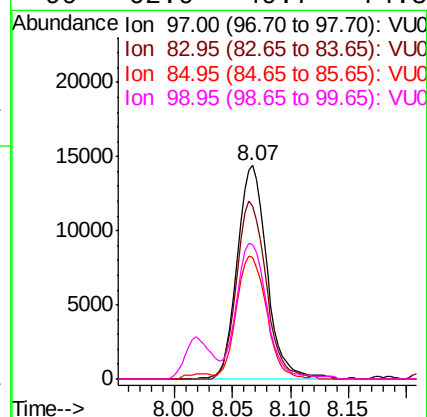
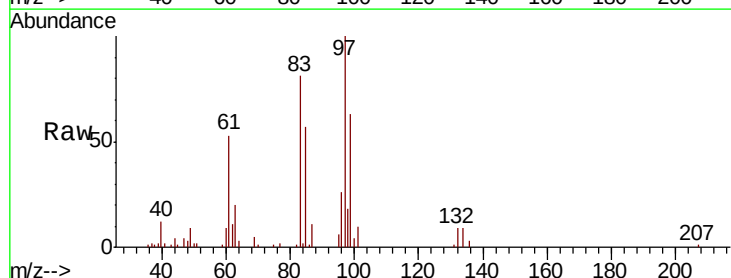
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

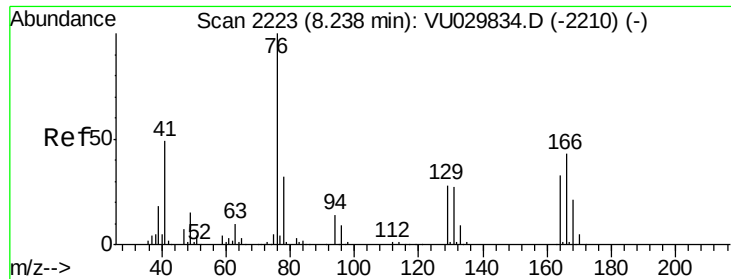
Tgt Ion: 75 Resp: 43451
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.9 37.3
 39 42.2 30.8 46.2



#52
 1,1,2-Trichloroethane
 Concen: 1.924 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion: 97 Resp: 25602
 Ion Ratio Lower Upper
 97 100
 83 80.9 65.9 98.9
 85 56.7 43.0 64.6
 99 62.9 49.7 74.5

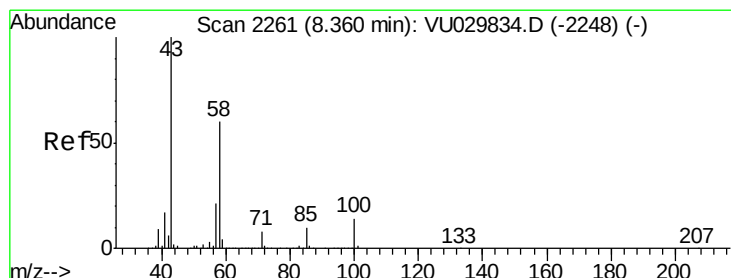
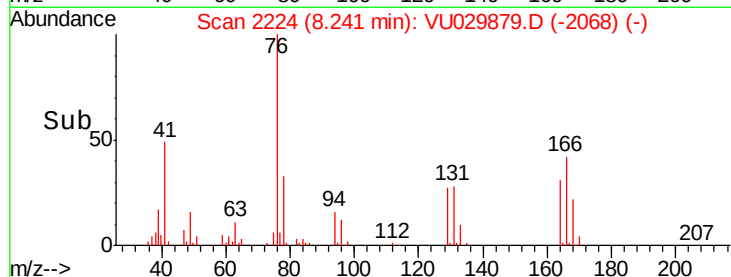
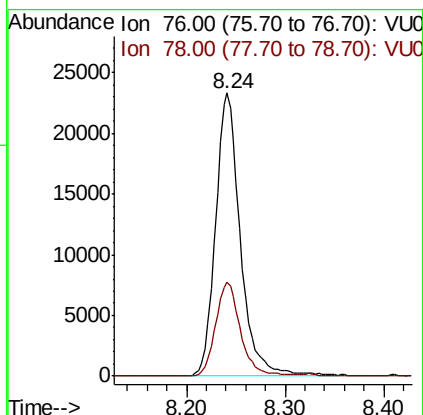
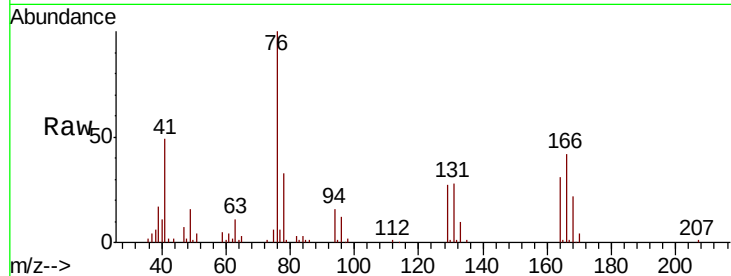




#53
 1,3-Dichloropropane
 Concen: 1.884 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

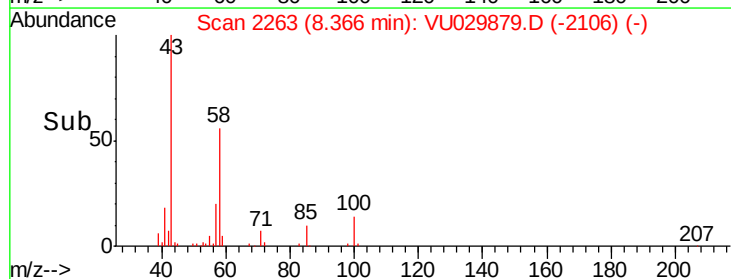
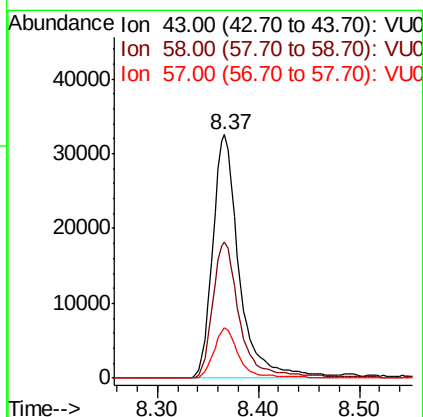
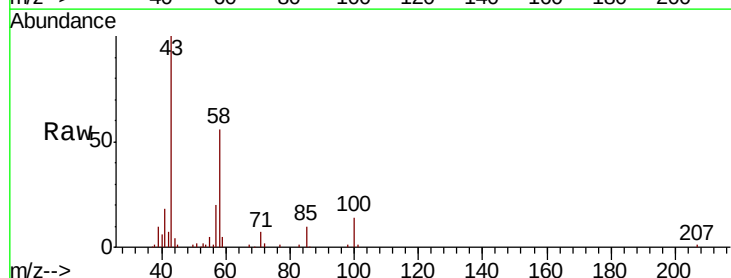
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

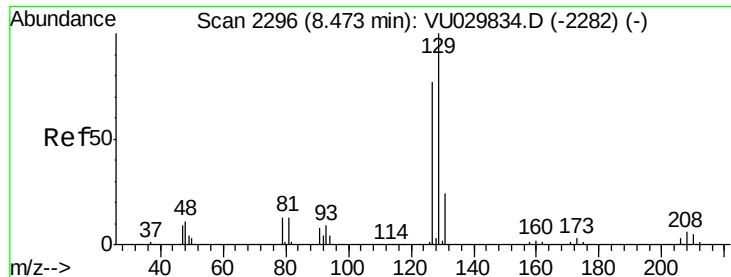
Tgt Ion: 76 Resp: 41119
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#54
 2-Hexanone
 Concen: 9.154 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion: 43 Resp: 59590
 Ion Ratio Lower Upper
 43 100
 58 56.1 39.6 79.6
 57 19.2 0.5 40.5

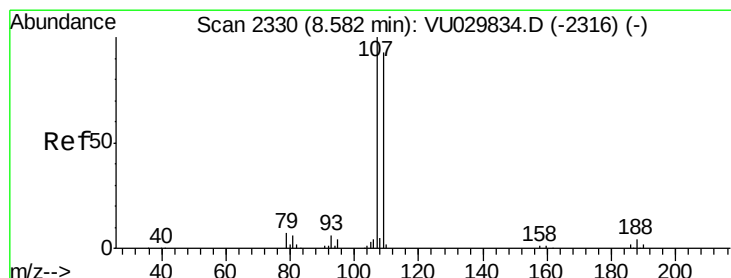
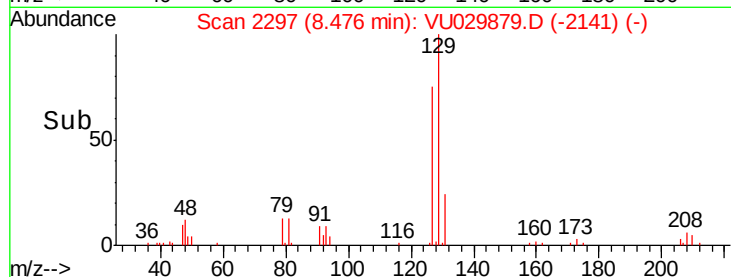
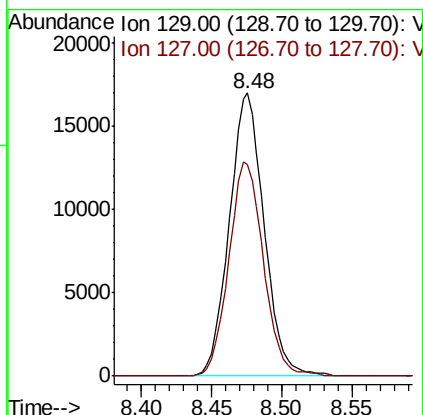
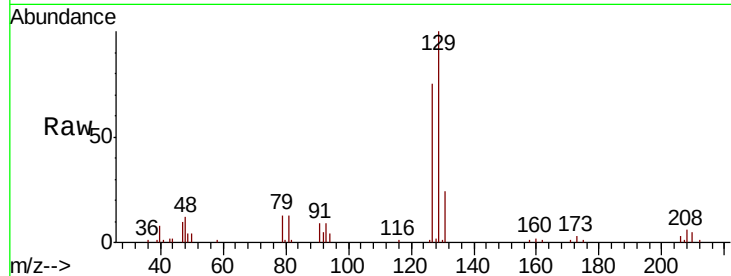




#55
Dibromochloromethane
Concen: 1.854 ug/l
RT: 8.48 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

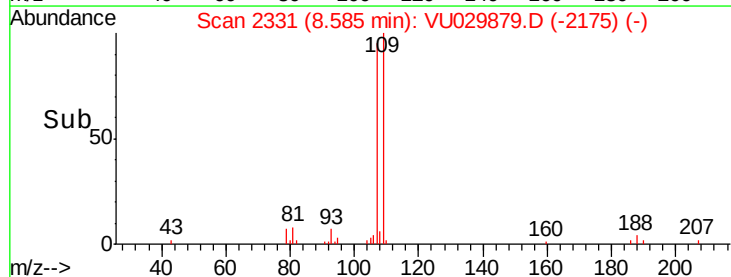
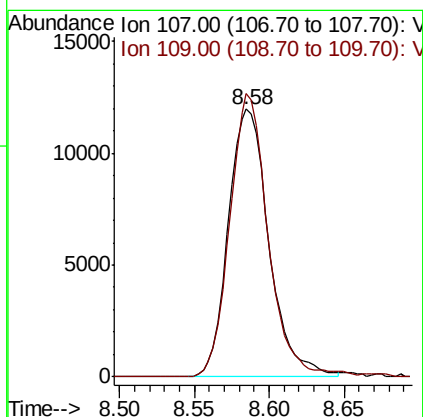
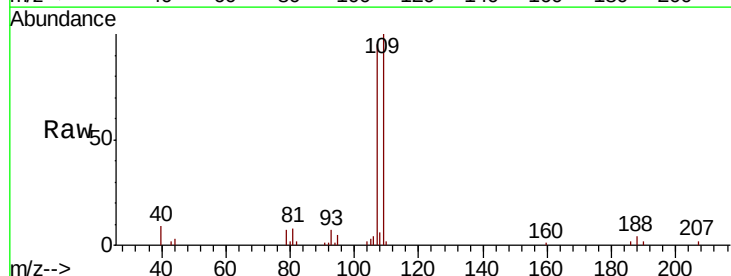
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

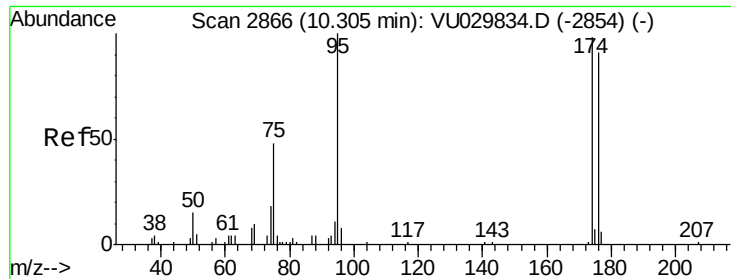
Tgt Ion:129 Resp: 29278
Ion Ratio Lower Upper
129 100
127 75.2 61.6 92.4



#56
1,2-Dibromoethane
Concen: 1.798 ug/l
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion:107 Resp: 22675
Ion Ratio Lower Upper
107 100
109 99.8 0.0 188.4

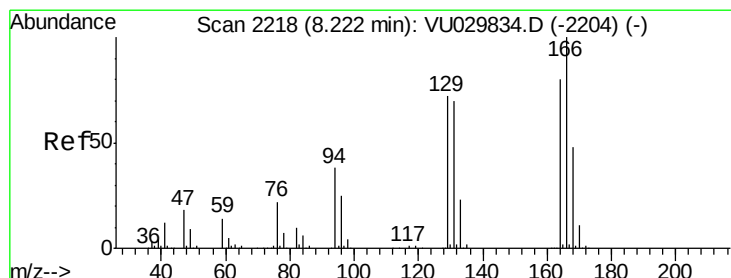
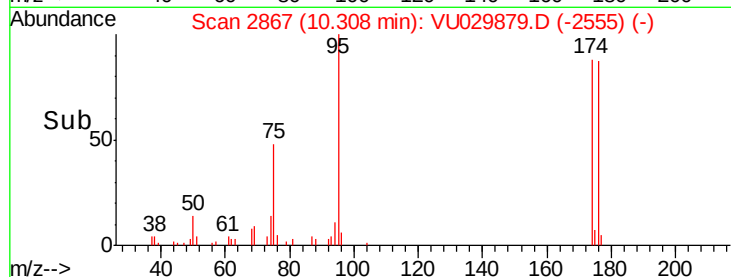
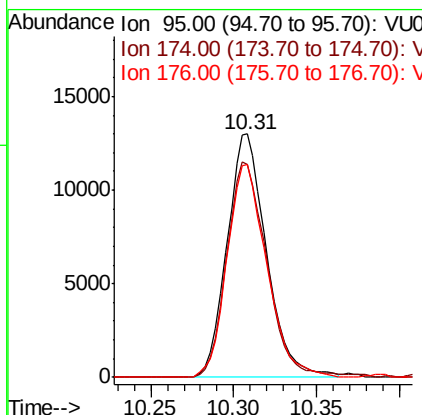
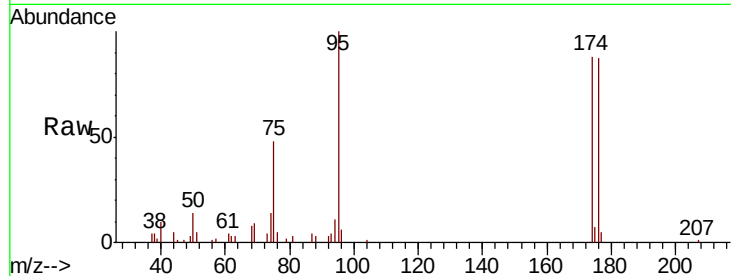




#57
4-Bromofluorobenzene
Concen: 1.798 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

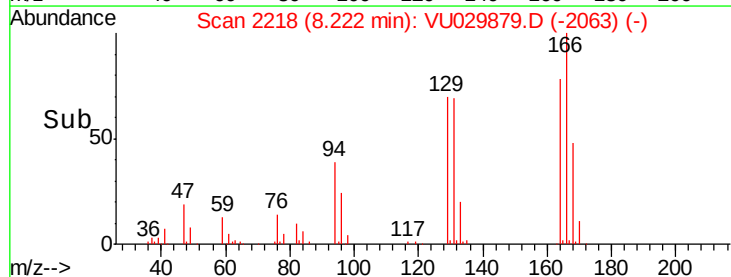
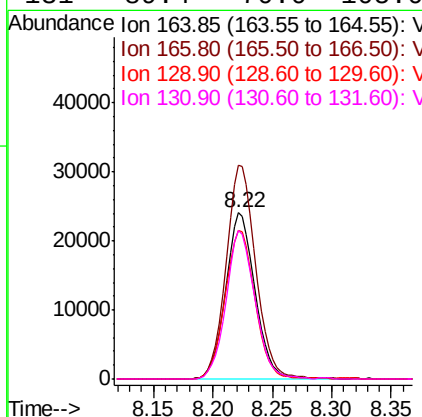
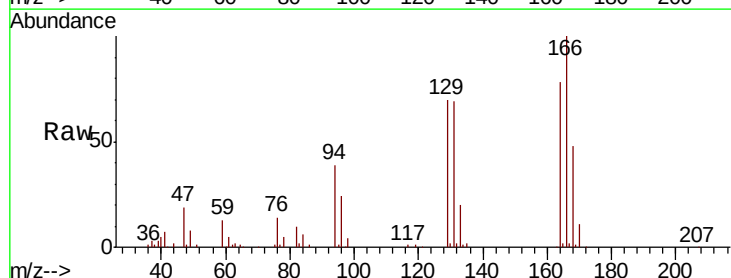
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

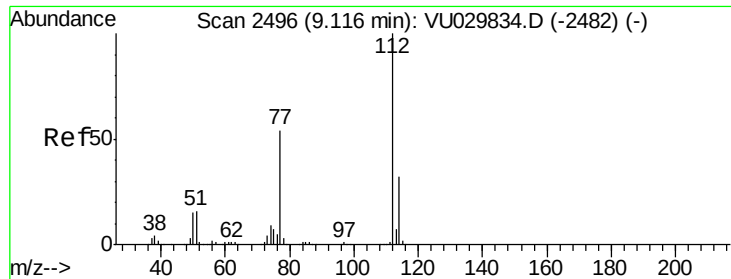
Tgt Ion: 95 Resp: 21473
Ion Ratio Lower Upper
95 100
174 90.5 76.5 114.7
176 88.1 74.2 111.2



#58
Tetrachloroethene
Concen: 2.018 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion: 164 Resp: 41238
Ion Ratio Lower Upper
164 100
166 128.7 100.5 150.7
129 89.6 72.3 108.5
131 89.4 70.0 105.0





#59

Chlorobenzene

Concen: 1.863 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

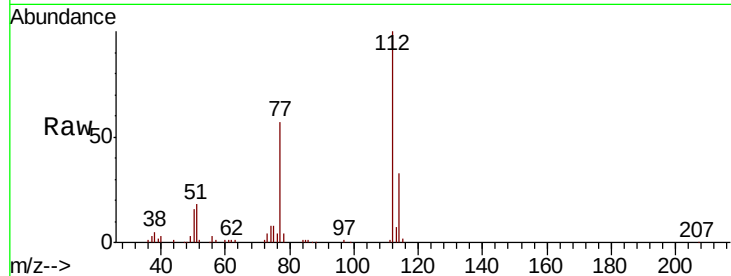
VU0310WBS01

Tgt Ion:112 Resp: 90094

Ion Ratio Lower Upper

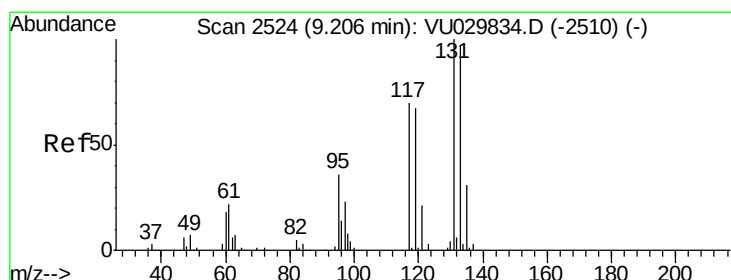
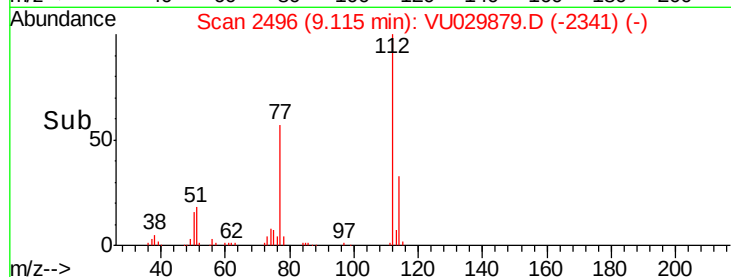
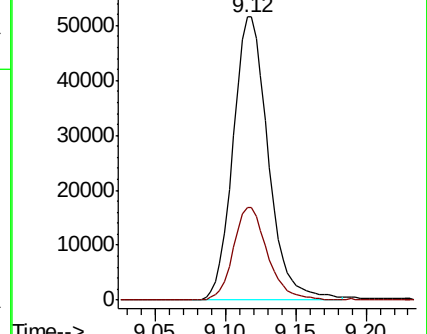
112 100

114 33.0 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.840 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

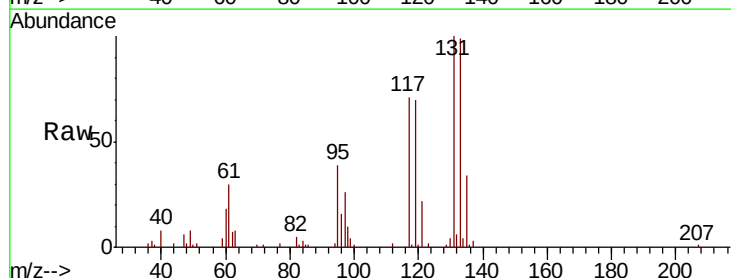
Tgt Ion:131 Resp: 31908

Ion Ratio Lower Upper

131 100

133 99.8 76.4 114.6

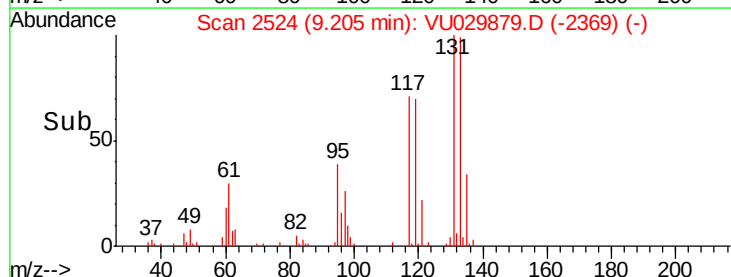
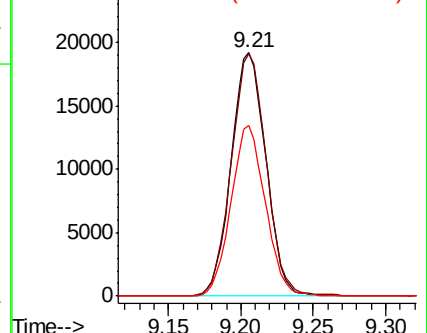
119 69.2 54.2 81.4

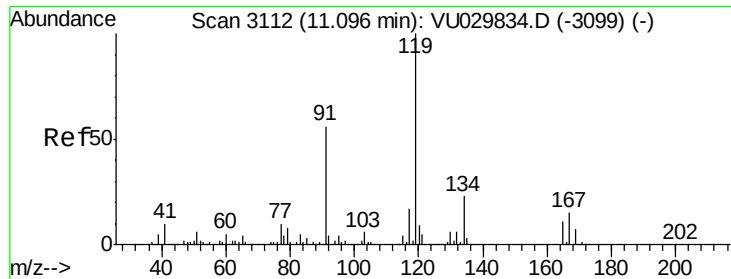


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

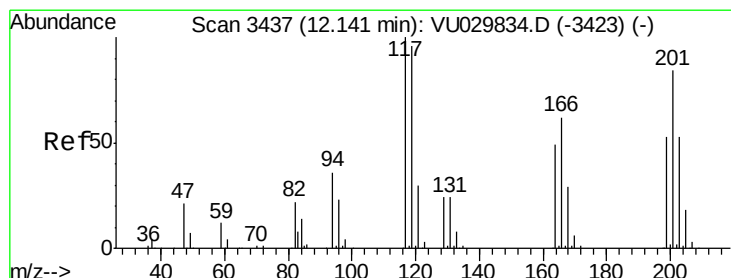
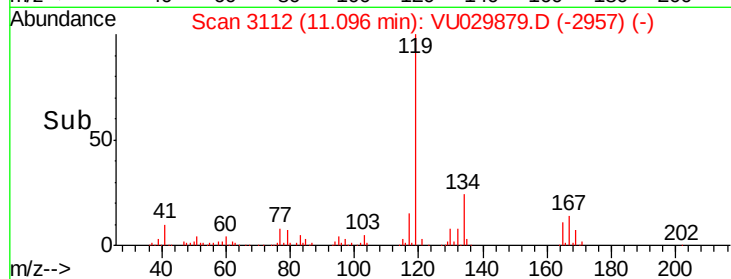
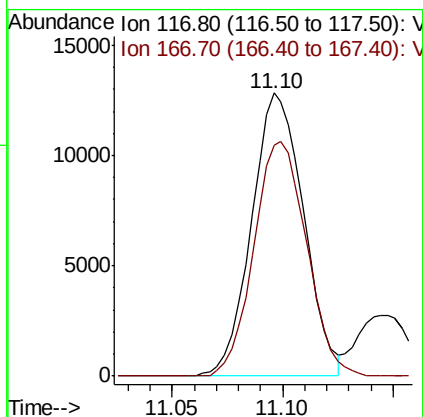
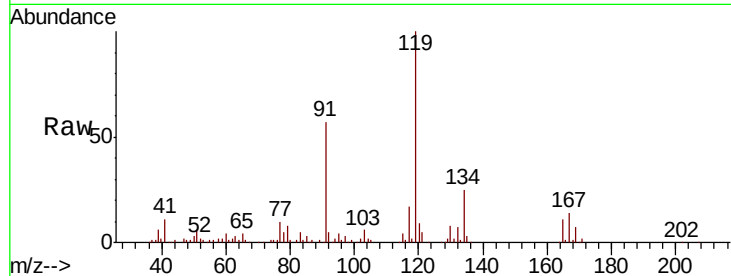




#61
 Pentachloroethane
 Concen: 1.734 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

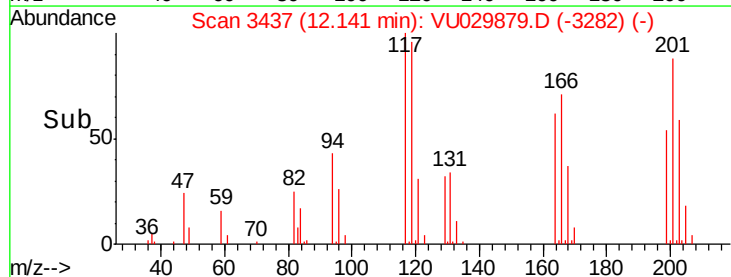
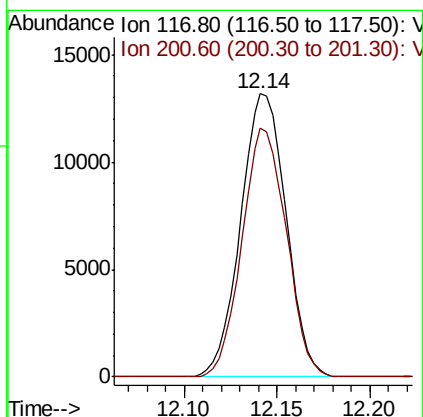
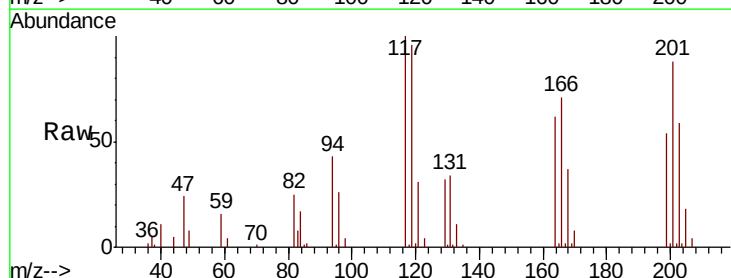
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

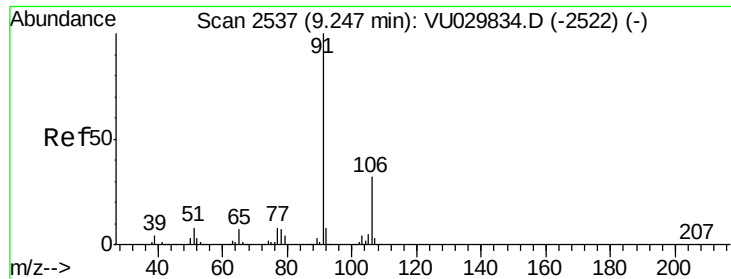
Tgt Ion:117 Resp: 20940
 Ion Ratio Lower Upper
 117 100
 167 84.0 71.4 107.2



#62
 Hexachloroethane
 Concen: 1.767 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion:117 Resp: 22445
 Ion Ratio Lower Upper
 117 100
 201 85.4 68.2 102.2





#63

Ethyl Benzene

Concen: 1.820 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

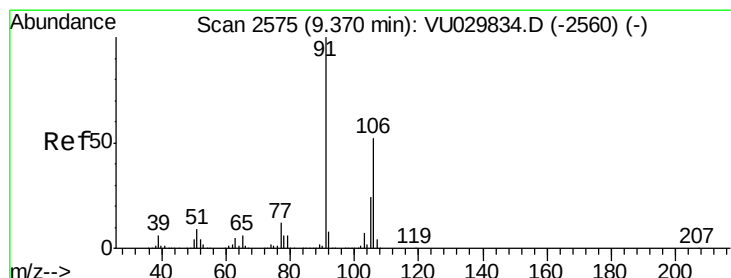
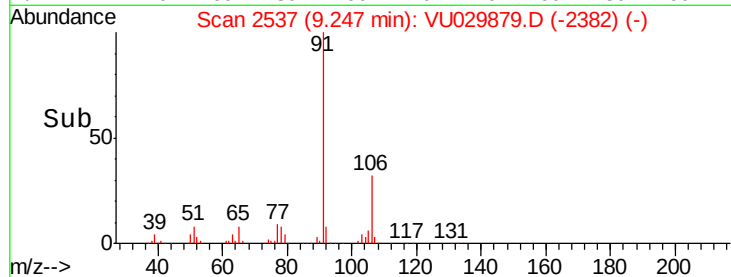
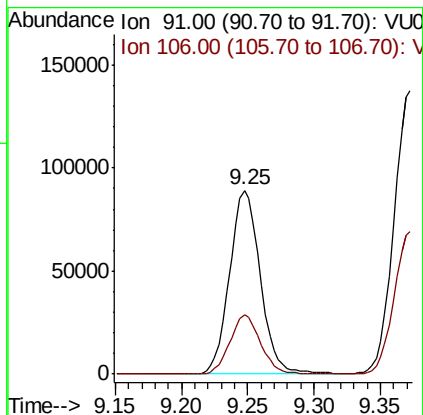
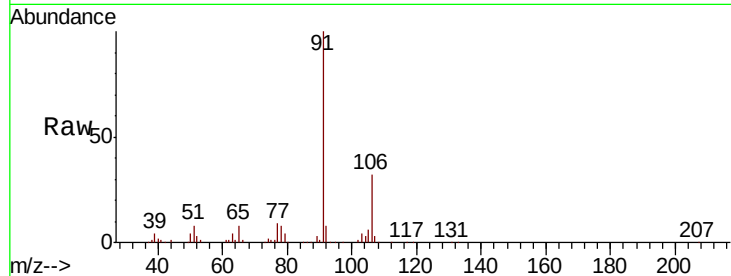
VU0310WBS01

Tgt Ion: 91 Resp: 144159

Ion Ratio Lower Upper

91 100

106 32.4 25.7 38.5



#64

m/p-Xylenes

Concen: 3.696 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029879.D

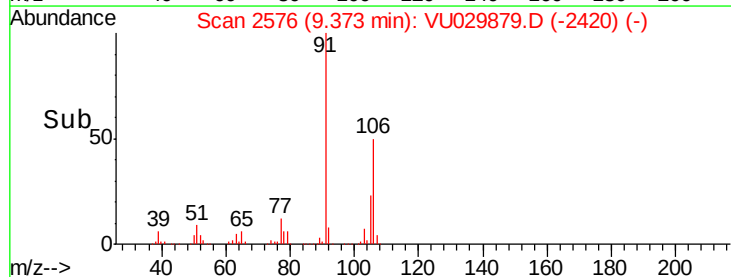
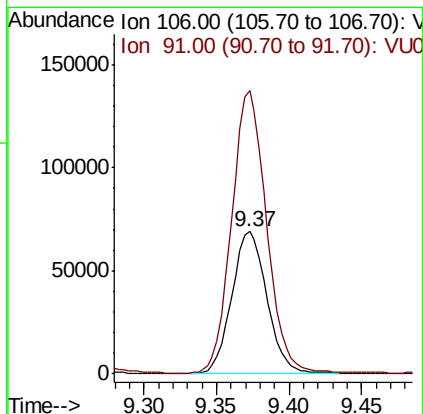
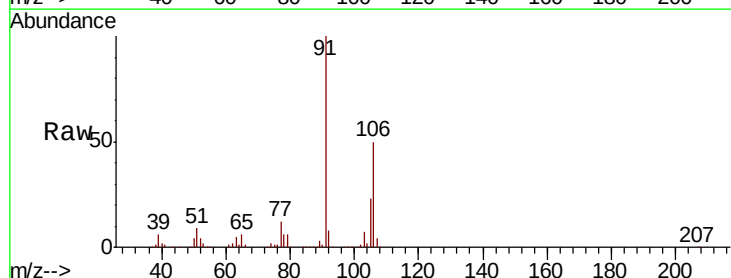
Acq: 08 Mar 2019 11:04

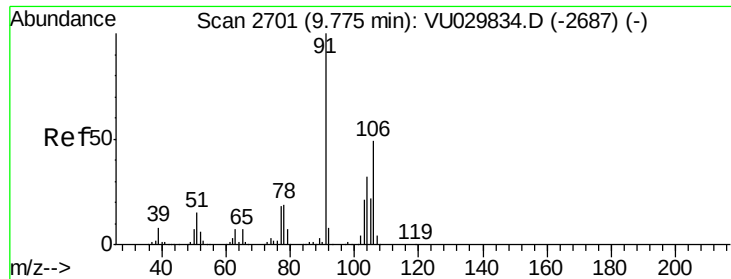
Tgt Ion: 106 Resp: 115734

Ion Ratio Lower Upper

106 100

91 196.1 155.3 232.9

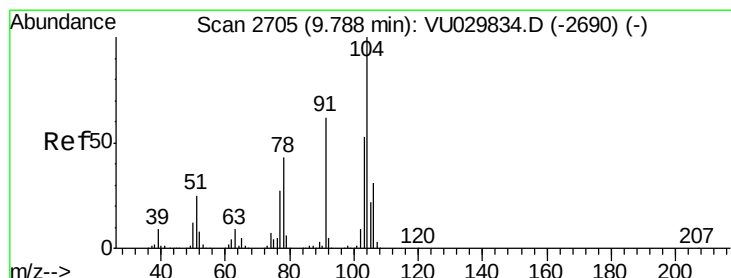
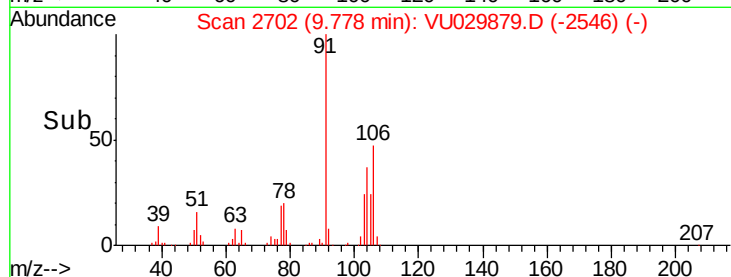
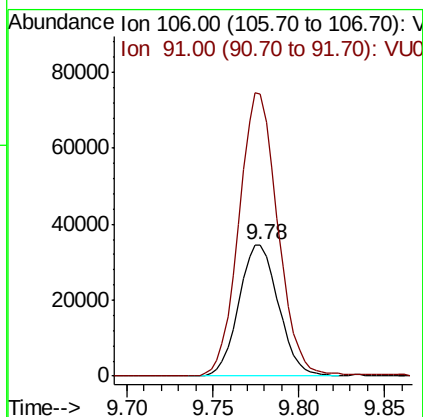
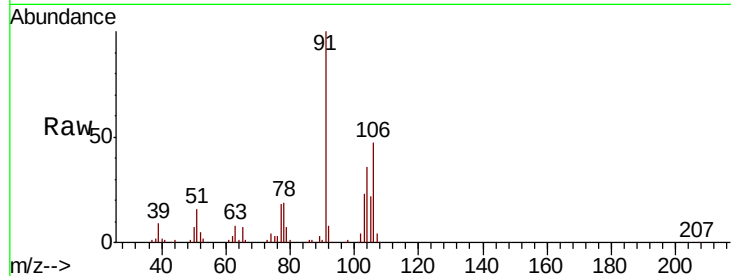




#65
o-Xylene
Concen: 1.847 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

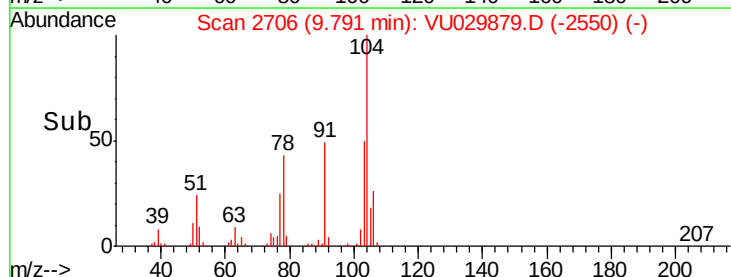
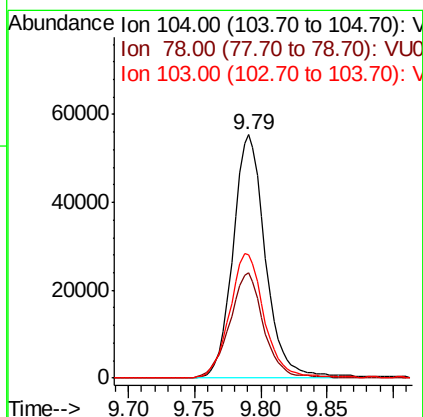
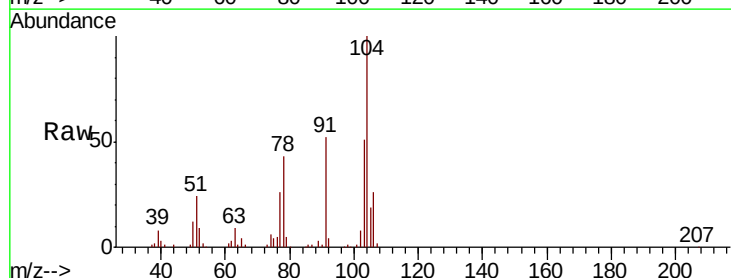
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

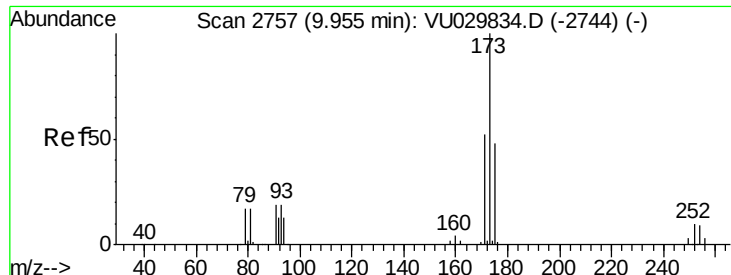
Tgt Ion:106 Resp: 55539
Ion Ratio Lower Upper
106 100
91 213.7 102.8 308.3



#66
Styrene
Concen: 1.884 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion:104 Resp: 94133
Ion Ratio Lower Upper
104 100
78 45.7 37.2 55.8
103 54.8 44.7 67.1

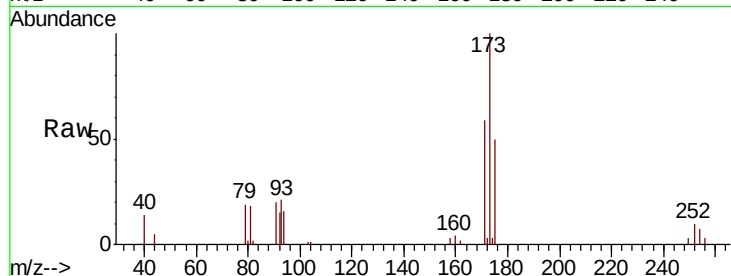




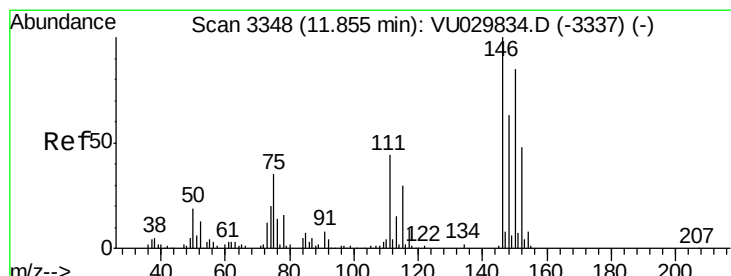
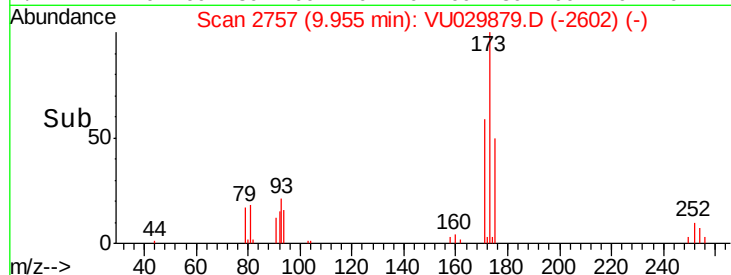
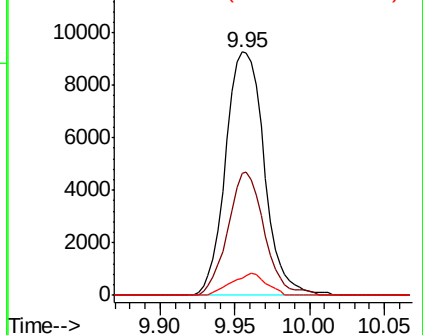
#67
Bromoform
Concen: 1.800 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tgt Ion:173 Resp: 16690
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
254 8.2 7.4 11.2

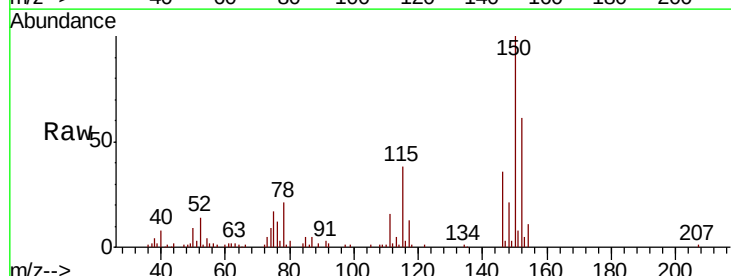


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

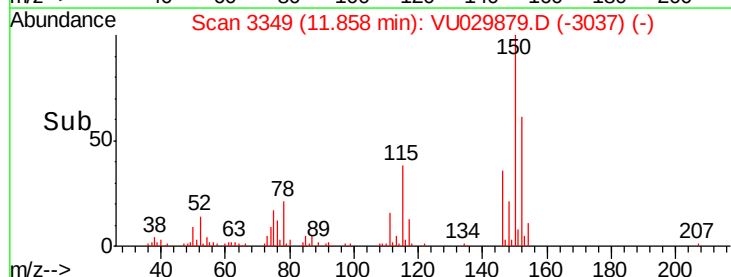
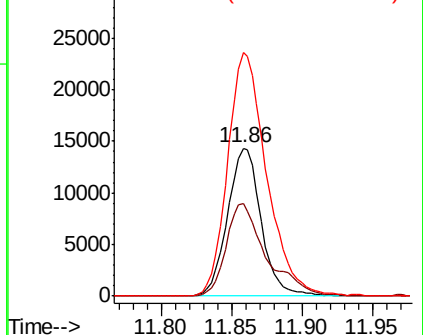


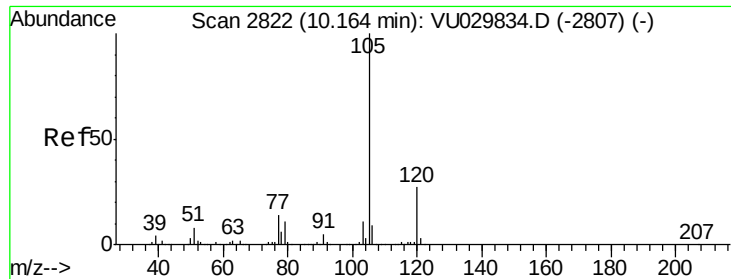
#68
1,2-Dichlorobenzene-d4
Concen: 1.800 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion:152 Resp: 23798
Ion Ratio Lower Upper
152 100
115 74.2 0.0 124.0
150 191.6 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: 1.862 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampled :

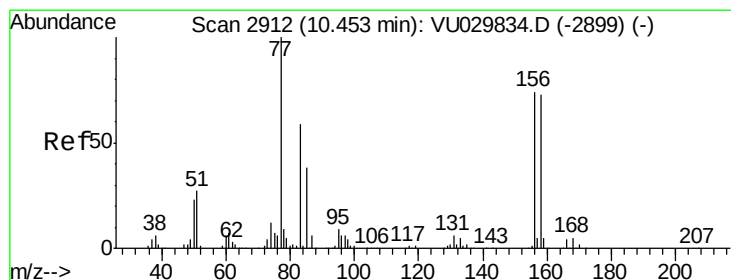
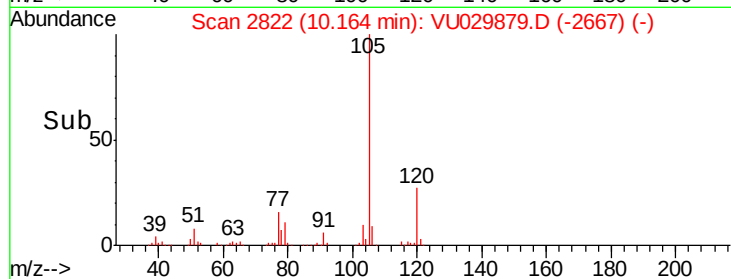
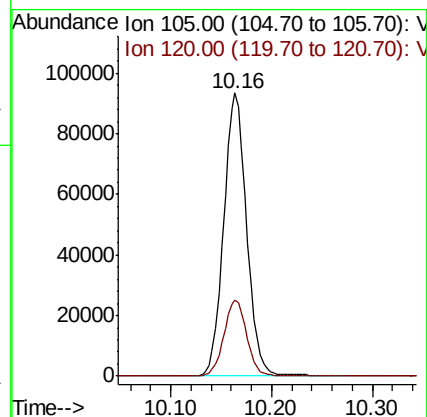
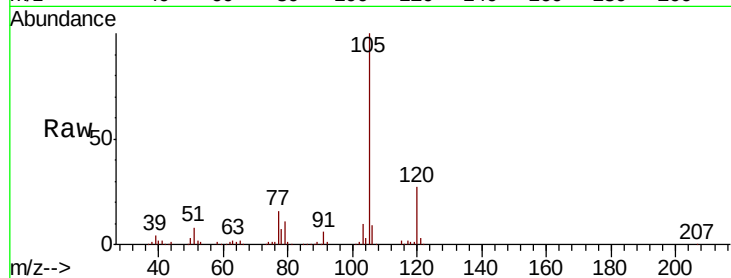
VU0310WBS01

Tgt Ion: 105 Resp: 148503

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.861 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

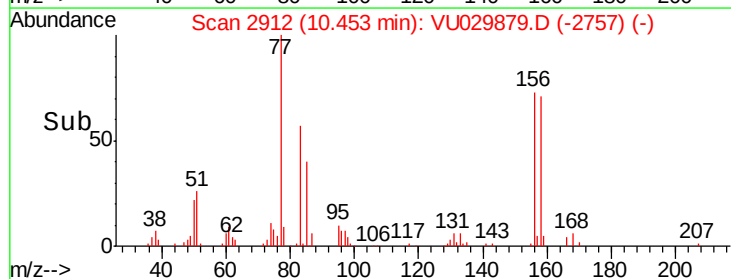
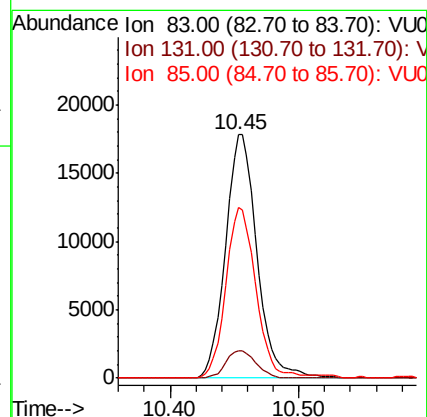
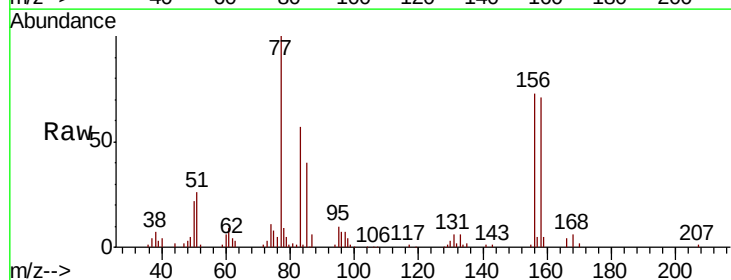
Tgt Ion: 83 Resp: 30191

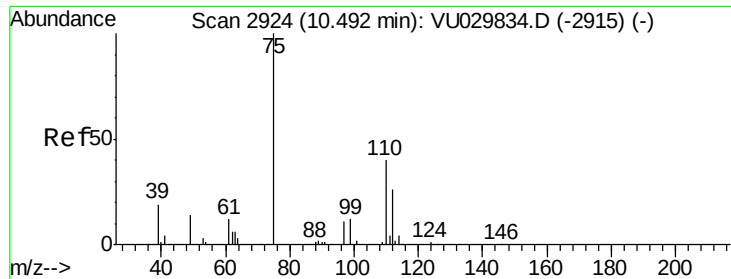
Ion Ratio Lower Upper

83 100

131 10.7 8.3 12.5

85 67.1 52.5 78.7





#71

1,2,3-Trichloropropane

Concen: 1.543 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

Tgt Ion: 75 Resp: 18610

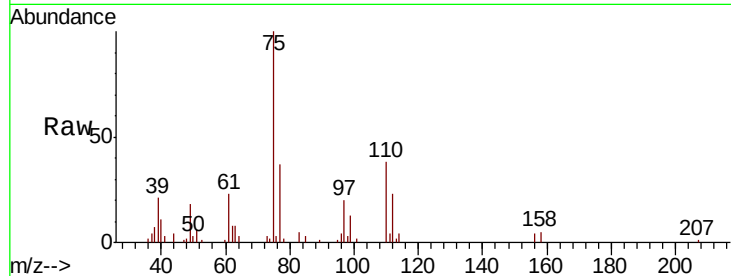
Ion Ratio Lower Upper

75 100

77 0.0 0.0 16.4

110 46.8 0.0 74.8

97 24.2 0.0 39.4

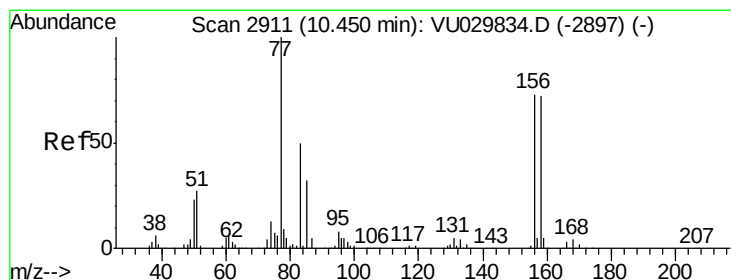
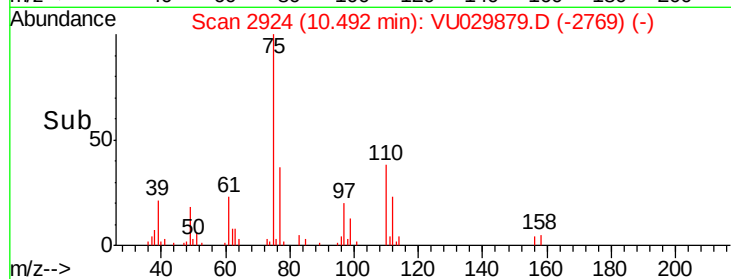
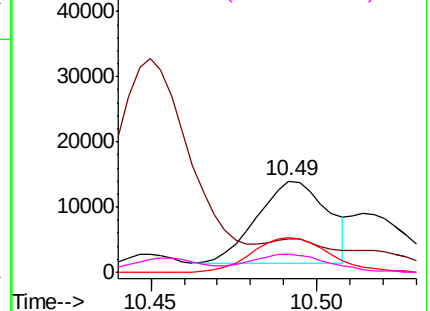


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 1.875 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

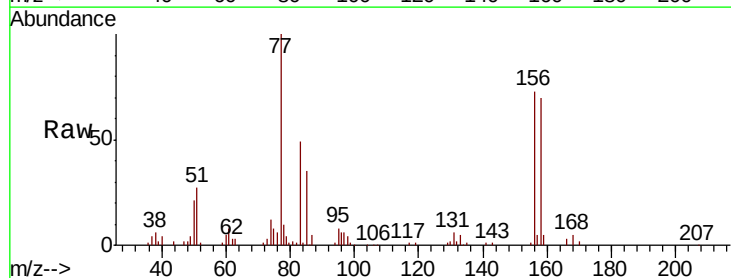
Tgt Ion: 156 Resp: 39576

Ion Ratio Lower Upper

156 100

77 139.3 0.0 282.2

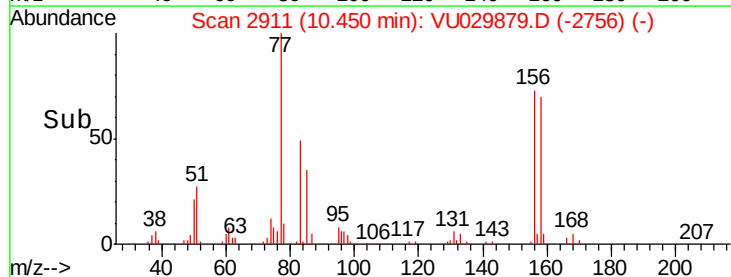
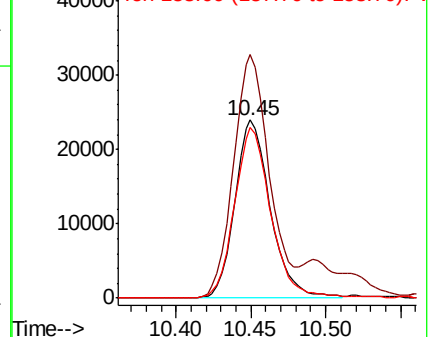
158 98.3 0.0 196.2

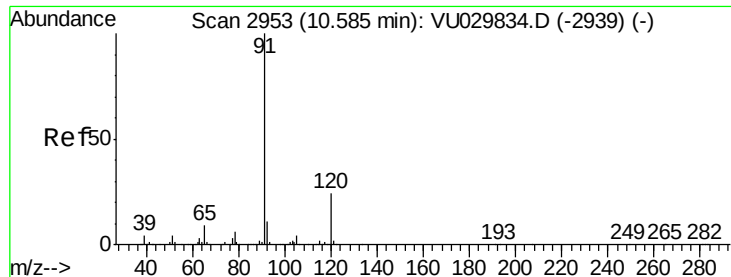


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.848 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

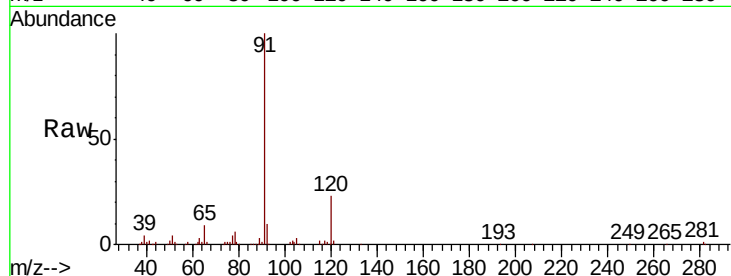
VU0310WBS01

Tgt Ion:120 Resp: 41418

Ion Ratio Lower Upper

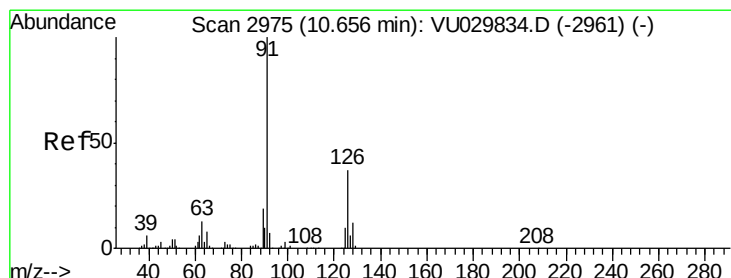
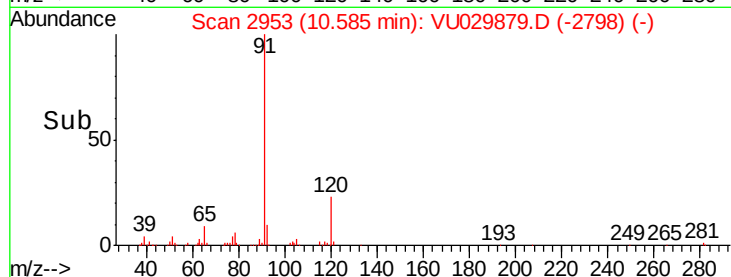
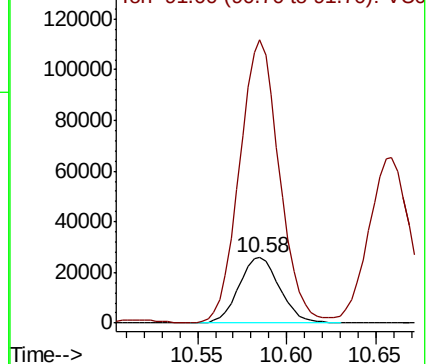
120 100

91 419.7 333.4 500.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.865 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029879.D

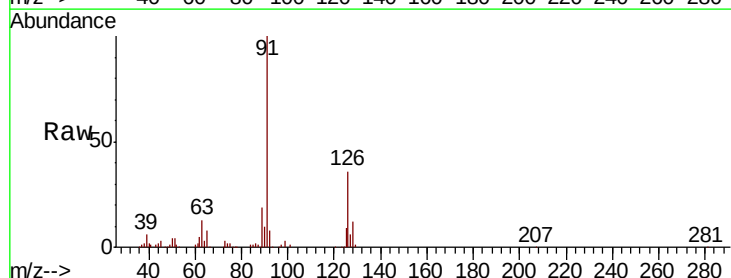
Acq: 08 Mar 2019 11:04

Tgt Ion:126 Resp: 37086

Ion Ratio Lower Upper

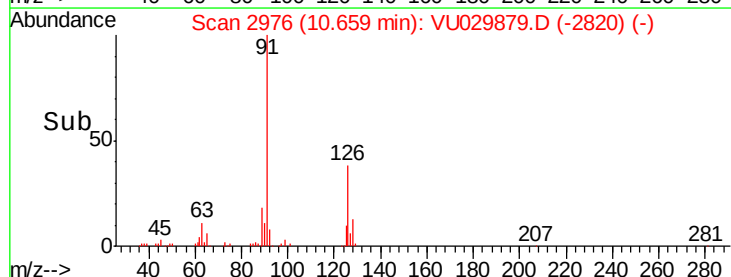
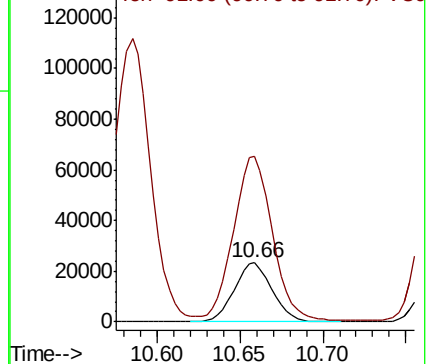
126 100

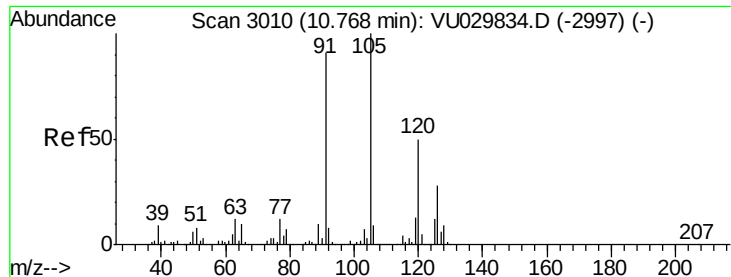
91 287.3 0.0 569.0



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: 1.875 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

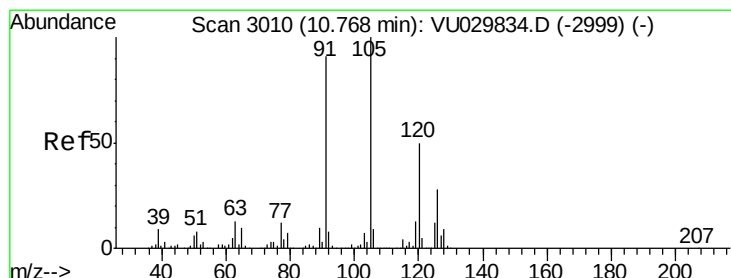
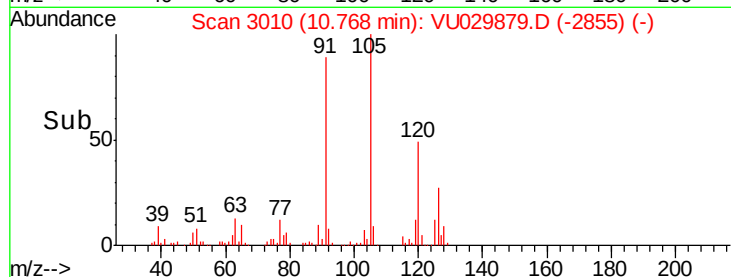
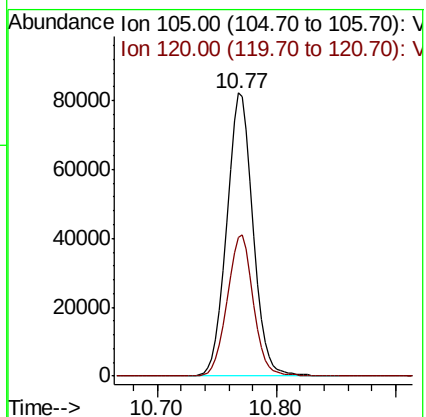
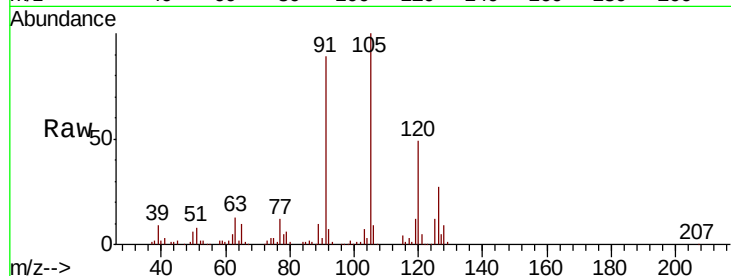
VU0310WBS01

Tgt Ion:105 Resp: 125958

Ion Ratio Lower Upper

105 100

120 49.4 40.0 60.0



#76

4-Chlorotoluene

Concen: 1.830 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029879.D

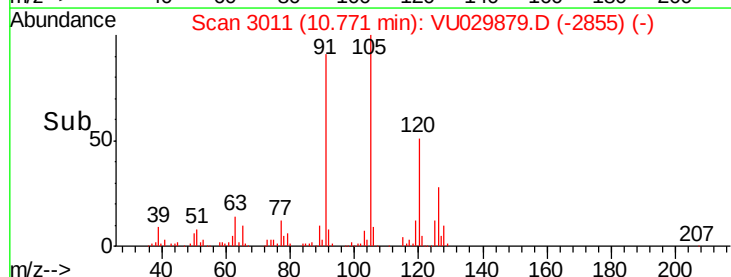
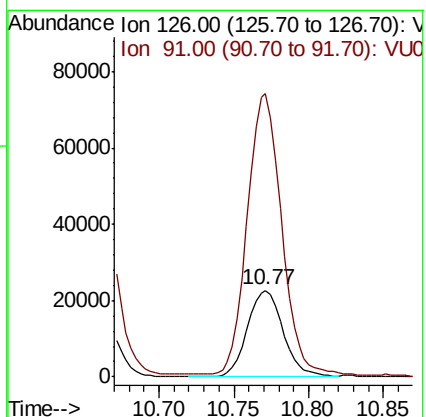
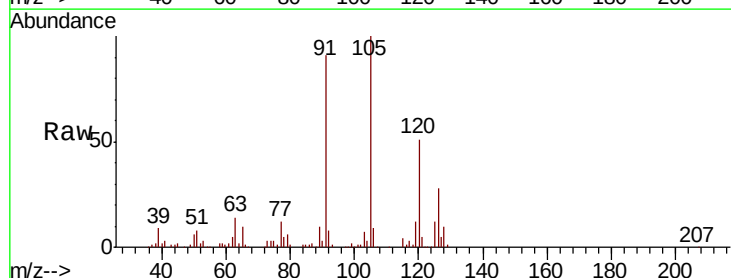
Acq: 08 Mar 2019 11:04

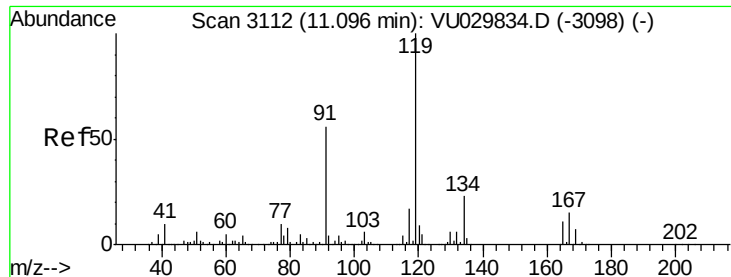
Tgt Ion:126 Resp: 37110

Ion Ratio Lower Upper

126 100

91 317.9 0.0 634.8

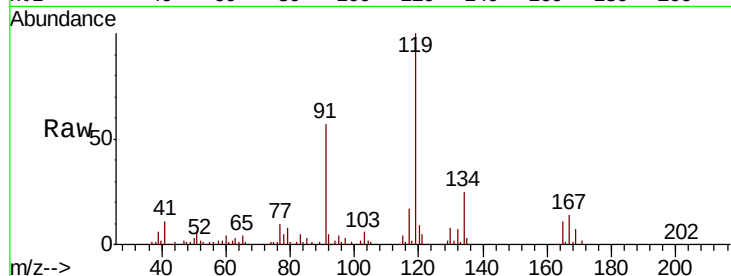




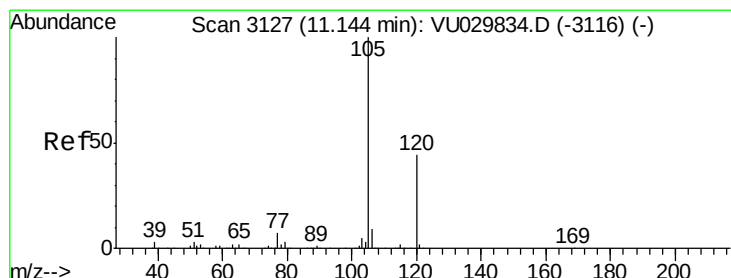
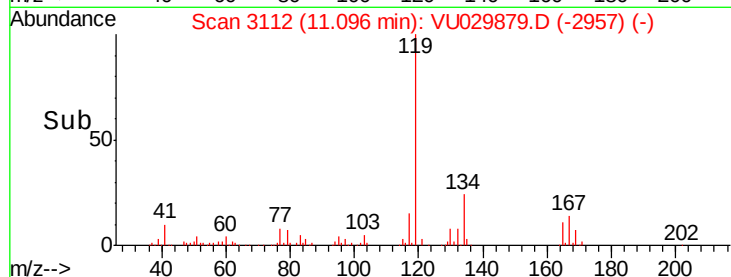
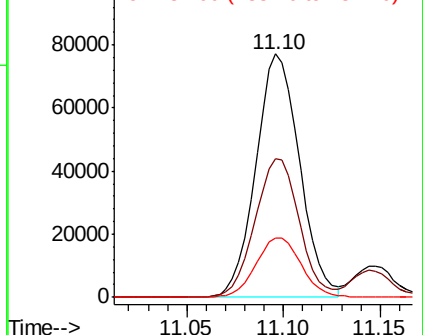
#77
 tert-Butylbenzene
 Concen: 1.832 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

Tgt Ion:119 Resp: 121789
 Ion Ratio Lower Upper
 119 100
 91 57.2 27.7 83.1
 134 25.2 18.7 28.1

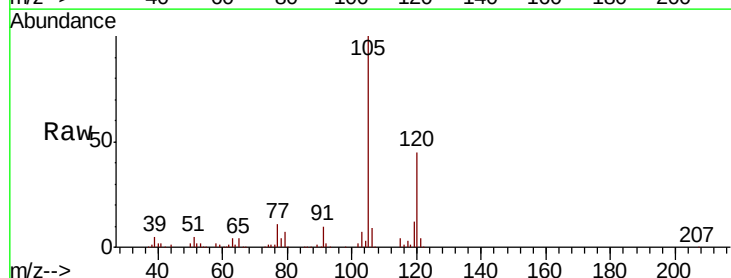


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

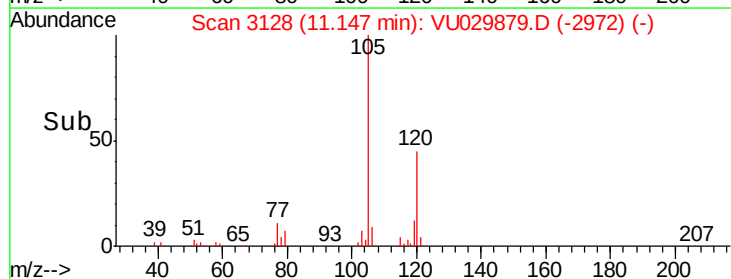
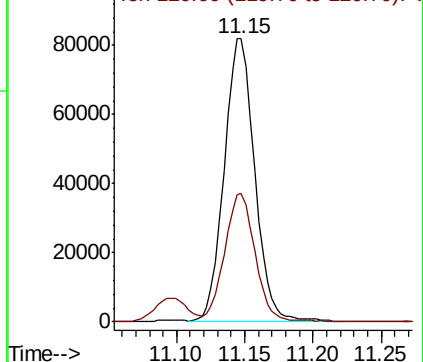


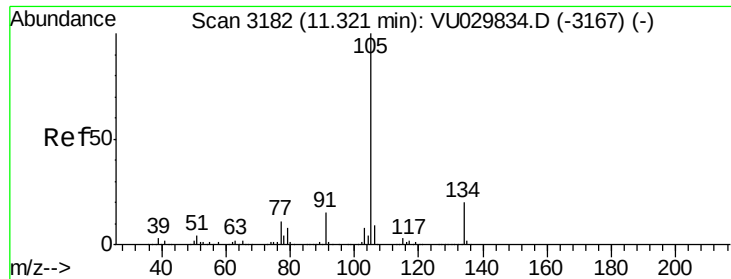
#78
 1,2,4-Trimethylbenzene
 Concen: 1.860 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion:105 Resp: 126265
 Ion Ratio Lower Upper
 105 100
 120 46.0 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: 1.875 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

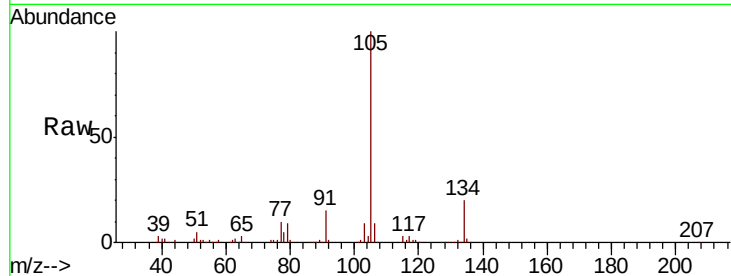
VU0310WBS01

Tgt Ion:105 Resp: 165202

Ion Ratio Lower Upper

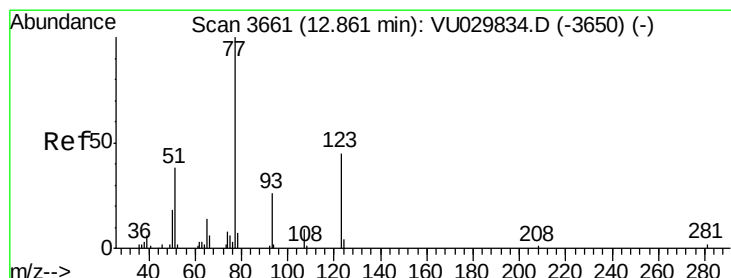
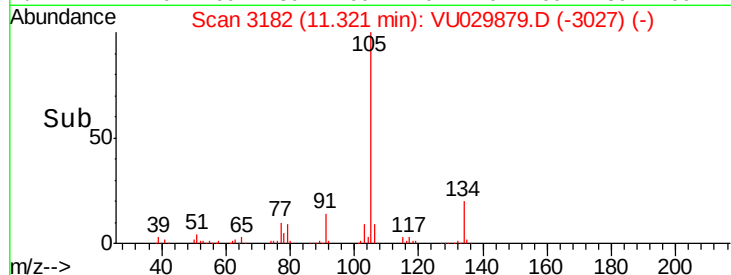
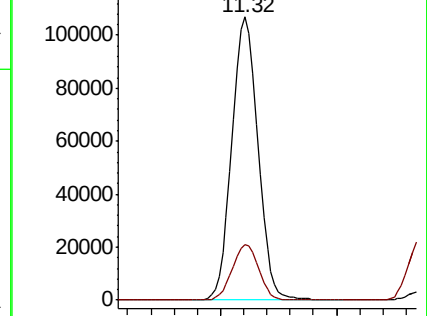
105 100

134 20.1 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: 4.539 ug/l

RT: 12.88 min Scan# 3668

Delta R.T. 0.02 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

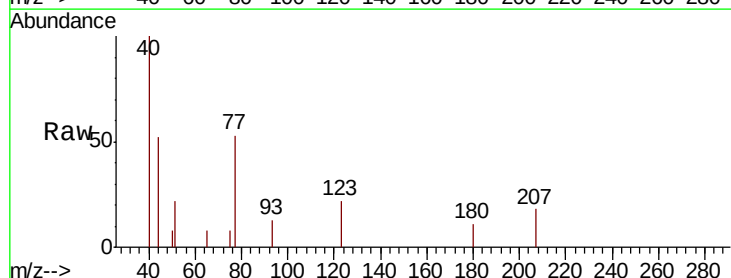
Tgt Ion: 77 Resp: 1337

Ion Ratio Lower Upper

77 100

123 0.0 20.2 71.4#

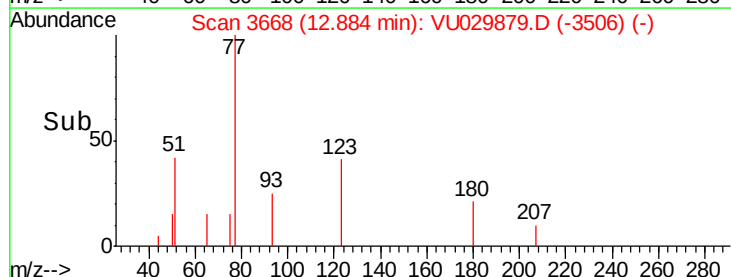
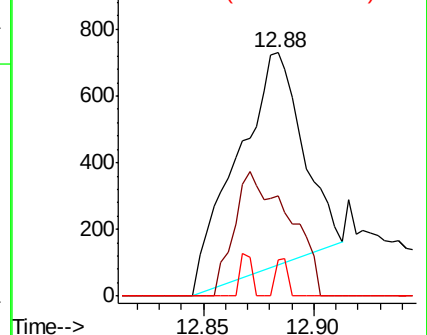
65 3.2 14.0 17.8#

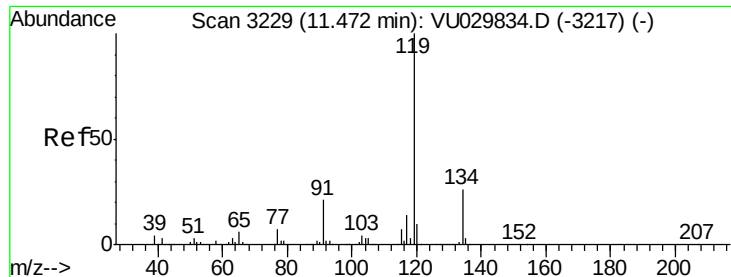


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

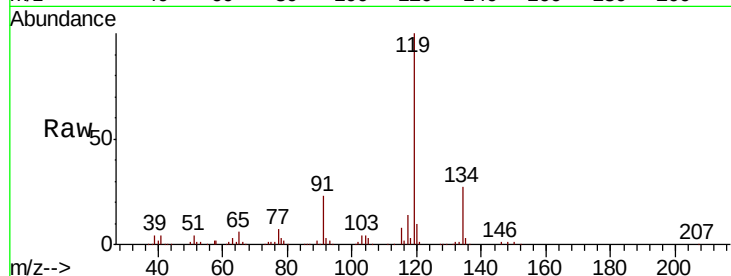




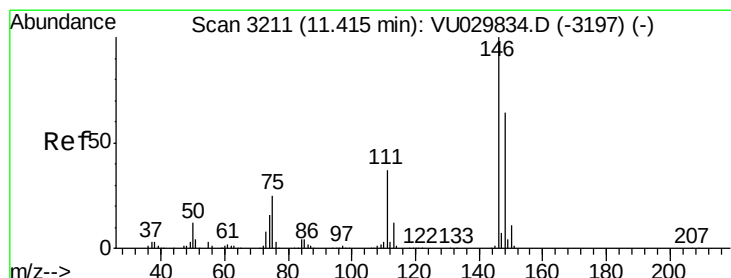
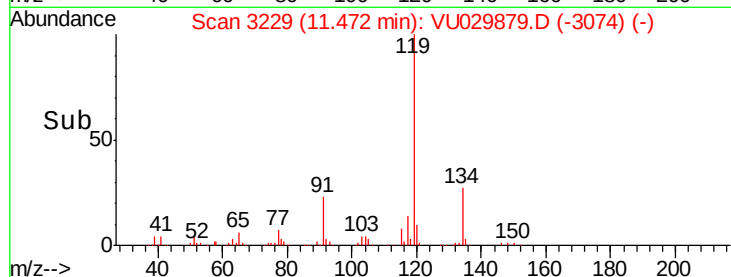
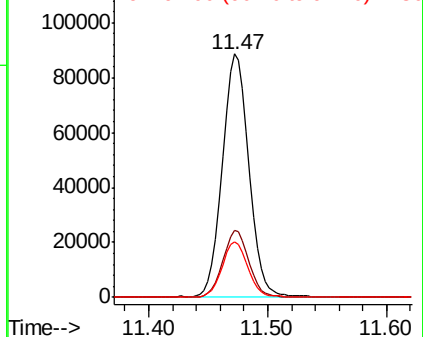
#81
p-Isopropyltoluene
Concen: 1.862 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBS01

Tgt Ion:119 Resp: 137332
Ion Ratio Lower Upper
119 100
134 26.8 21.2 31.8
91 22.5 17.2 25.8

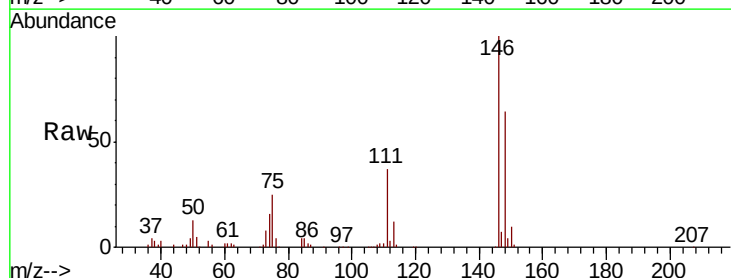


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

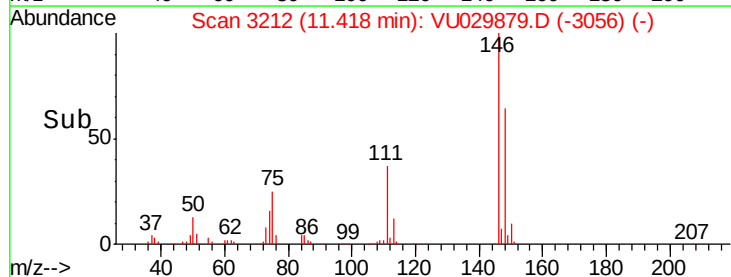
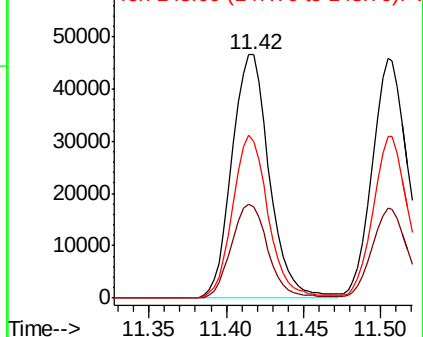


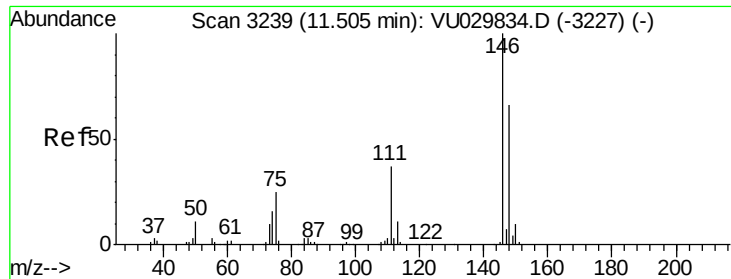
#82
1,3-Dichlorobenzene
Concen: 1.874 ug/l
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU029879.D
Acq: 08 Mar 2019 11:04

Tgt Ion:146 Resp: 78335
Ion Ratio Lower Upper
146 100
111 37.6 30.2 45.4
148 63.5 51.2 76.8



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

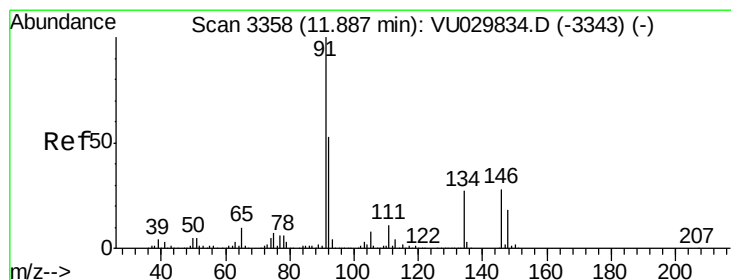
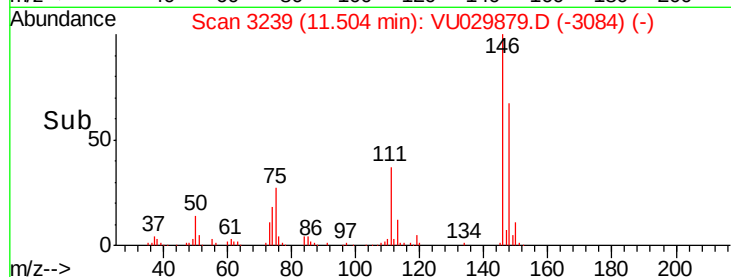
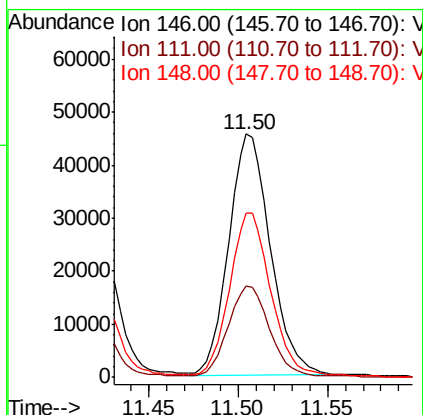
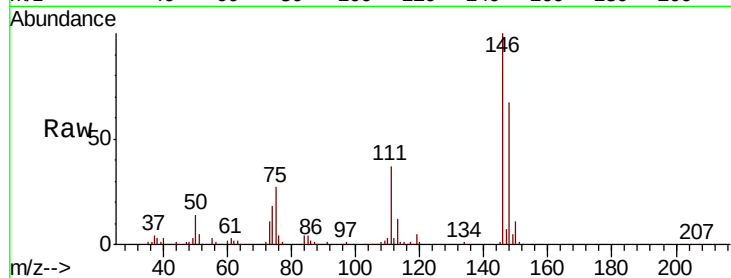




#83
 1,4-Dichlorobenzene
 Concen: 1.805 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

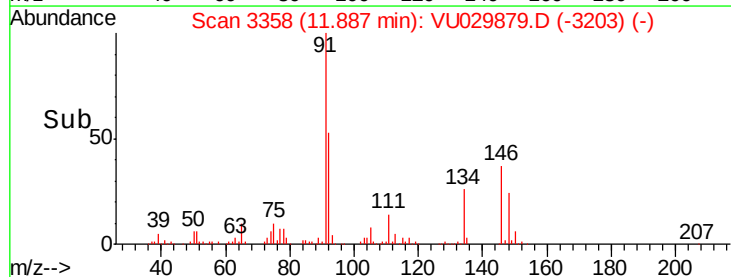
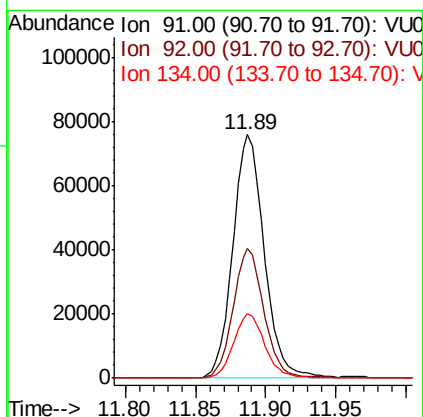
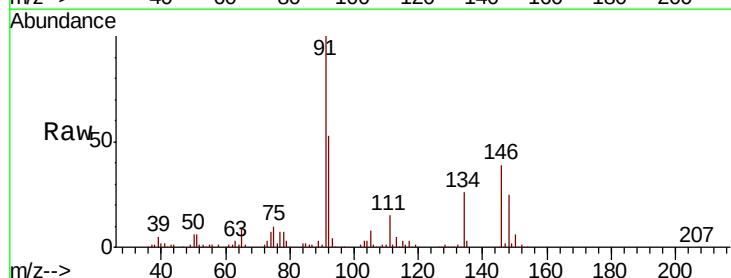
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

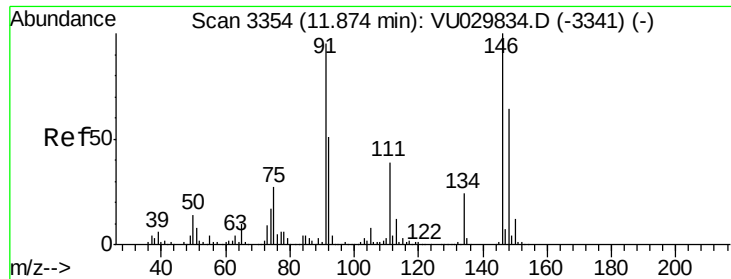
Tgt Ion: 146 Resp: 73732
 Ion Ratio Lower Upper
 146 100
 111 36.9 29.4 44.2
 148 68.5 51.7 77.5



#84
 n-Butylbenzene
 Concen: 1.768 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion: 91 Resp: 118818
 Ion Ratio Lower Upper
 91 100
 92 51.7 42.6 63.8
 134 26.4 21.7 32.5

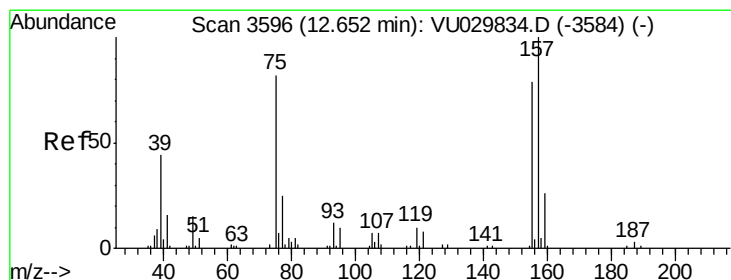
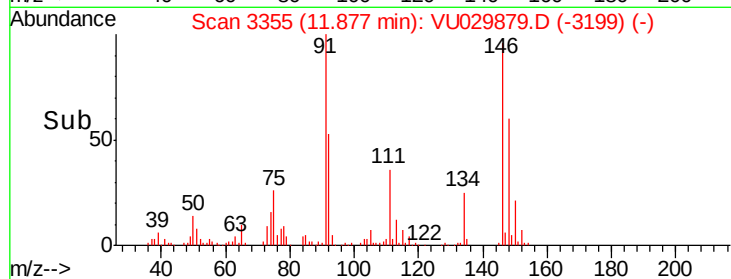
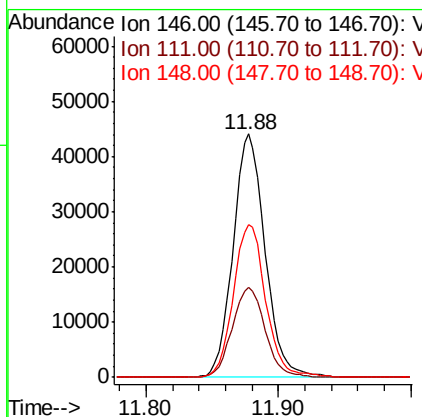
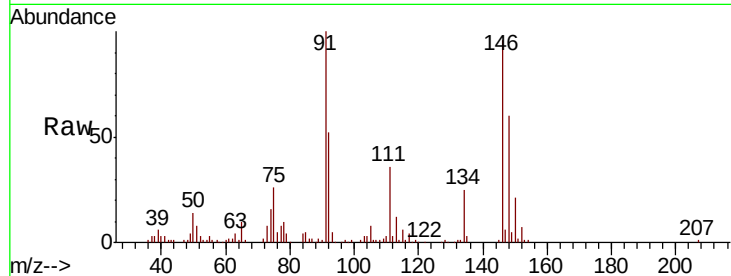




#85
 1,2-Dichlorobenzene
 Concen: 1.871 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

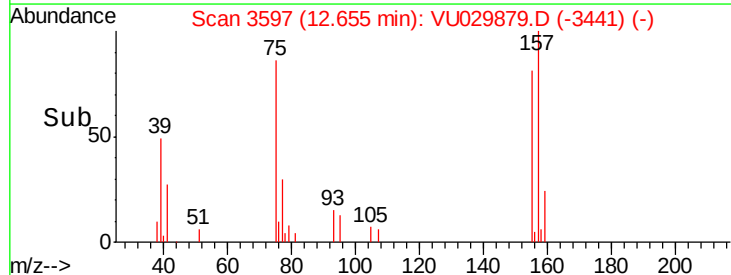
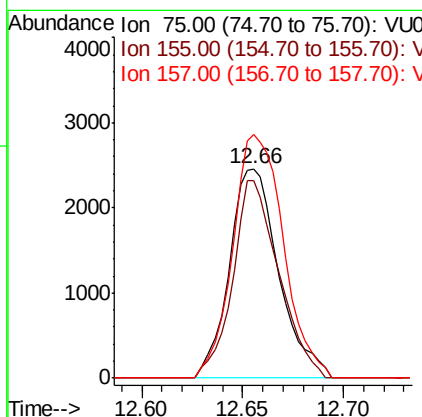
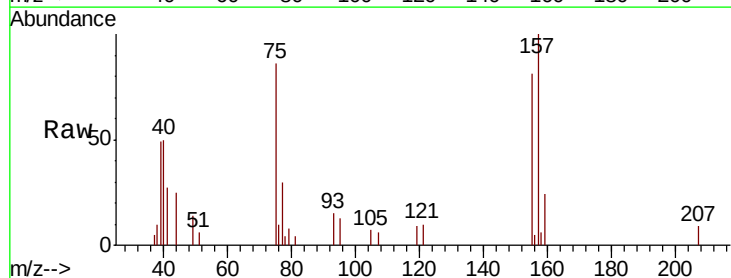
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

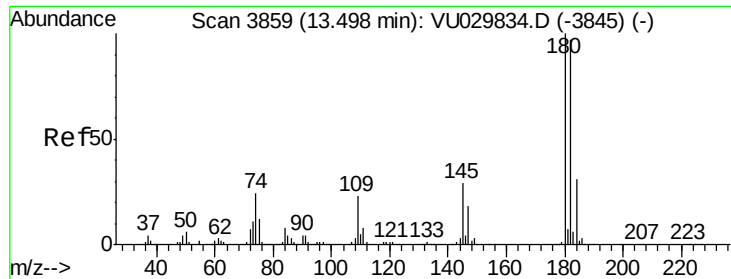
Tgt Ion: 146 Resp: 73752
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.9 59.6
 148 63.5 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.816 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion: 75 Resp: 4206
 Ion Ratio Lower Upper
 75 100
 155 88.0 76.6 114.8
 157 119.6 96.2 144.2

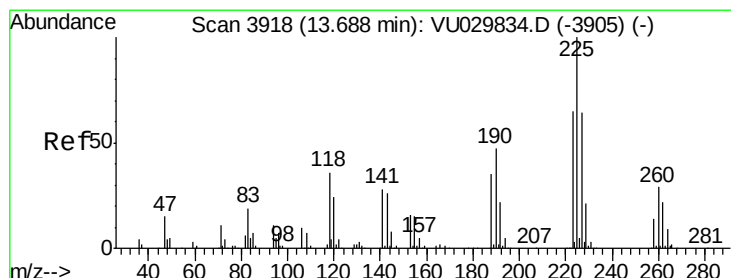
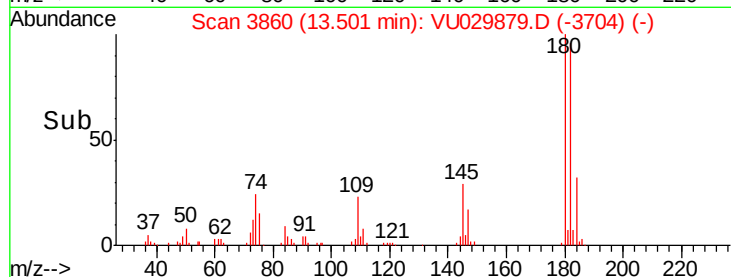
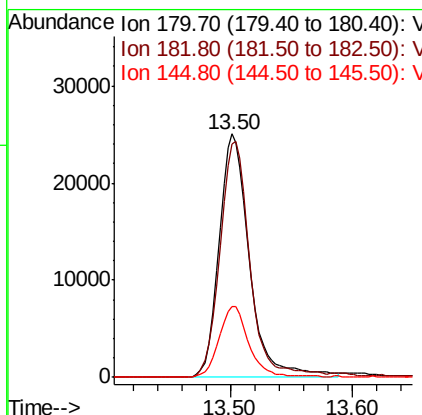
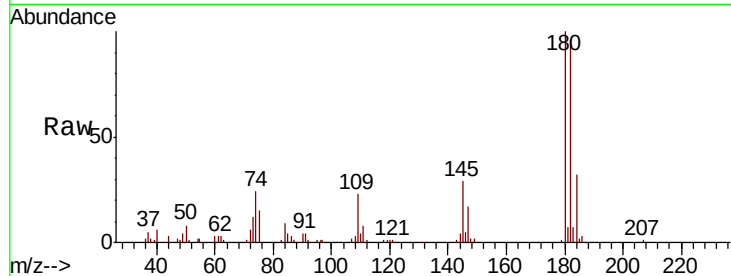




#87
 1,2,4-Trichlorobenzene
 Concen: 1.742 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

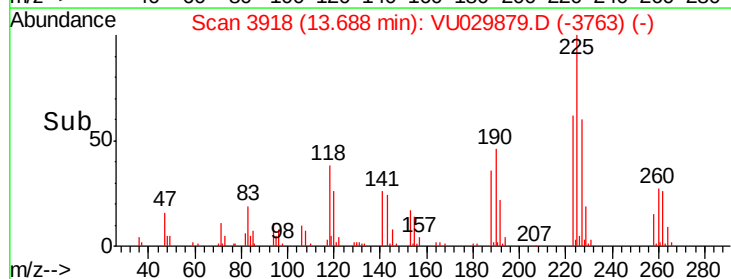
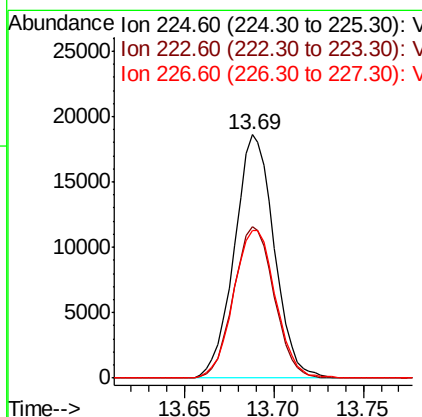
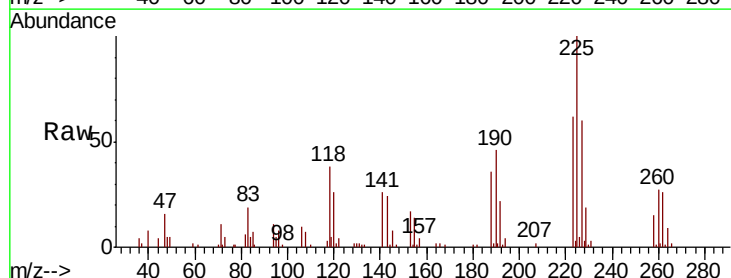
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBS01

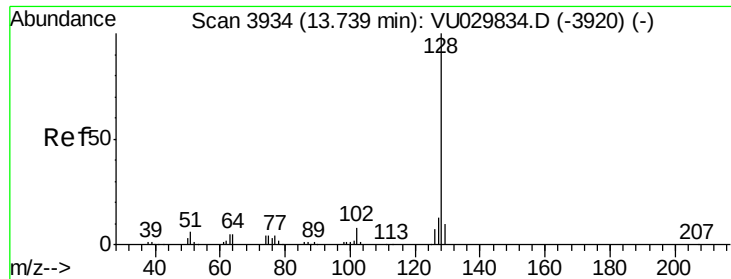
Tgt Ion:180 Resp: 43971
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.5 116.3
 145 28.8 23.6 35.4



#88
 Hexachlorobutadiene
 Concen: 1.820 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029879.D
 Acq: 08 Mar 2019 11:04

Tgt Ion:225 Resp: 28932
 Ion Ratio Lower Upper
 225 100
 223 63.2 51.2 76.8
 227 64.3 50.9 76.3





#89

Naphthalene

Concen: 1.731 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBS01

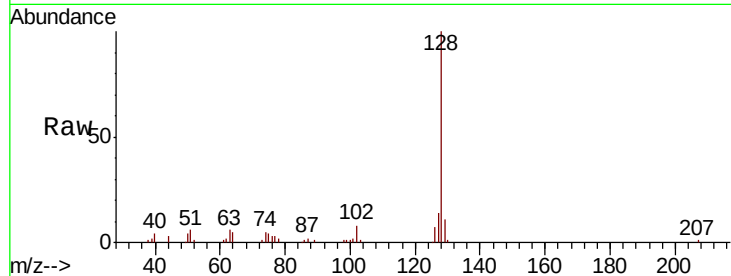
Tgt Ion:128 Resp: 65190

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

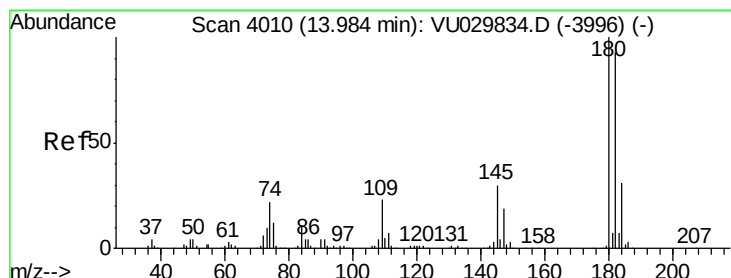
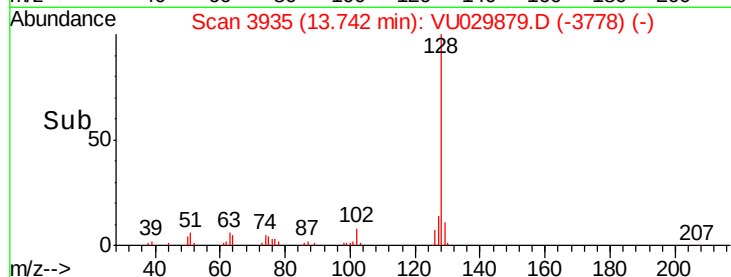
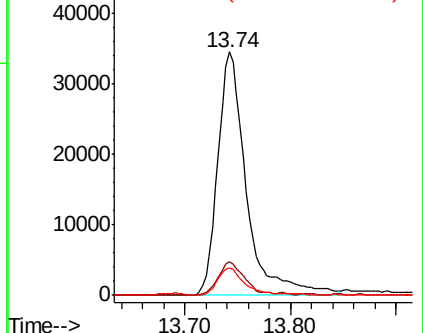
129 10.3 8.2 12.4



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: 1.795 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029879.D

Acq: 08 Mar 2019 11:04

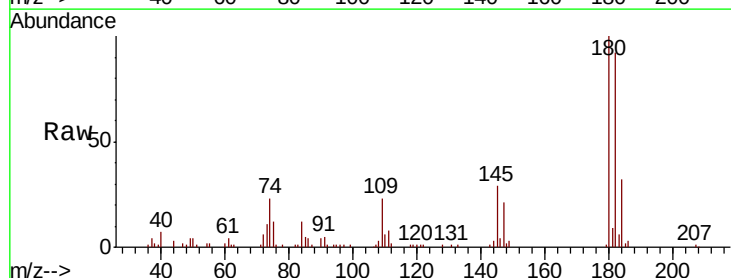
Tgt Ion:180 Resp: 42573

Ion Ratio Lower Upper

180 100

182 94.4 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

