

Data File : VU029849.D
Acq On : 07 Mar 2019 12:11
Operator : JC/SP
Sample : VU0308WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

Quant Time: Mar 08 01:08:31 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	61452	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21568	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	24892	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	37157	1.807 ug/l	95
3) Chloromethane	1.33	50	33184	1.812 ug/l	99
4) Vinyl Chloride	1.40	62	38464	1.867 ug/l	98
5) Bromomethane	1.63	94	26068	1.853 ug/l	96
6) Chloroethane	1.70	64	23924	1.937 ug/l	98
7) Trichlorofluoromethane	1.88	101	52689	1.877 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	31252	1.914 ug/l	99
9) 1,1-Dichloroethene	2.28	96	30286	1.895 ug/l	97
10) Iodomethane	2.41	142	24455	1.872 ug/l	100
11) Allyl Chloride	2.59	41	41478	1.846 ug/l	99
12) Acrylonitrile	2.93	53	13322	3.822 ug/l	96
13) Acetone	2.32	43	25340	8.778 ug/l	98
14) Carbon Disulfide	2.47	76	95045	1.836 ug/l	98
15) Methylene Chloride	2.70	84	35989	1.876 ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	33773	1.870 ug/l	98
17) 1,1-Dichloroethane	3.44	63	56651	1.875 ug/l	99
18) 2-Butanone	4.28	43	33789	8.613 ug/l	96
19) Cyclohexane	4.98	56	37845	1.613 ug/l	99
20) Methylcyclohexane	6.41	83	50663	1.854 ug/l	99
21) 2,2-Dichloropropane	4.22	77	46033	1.864 ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	35578	1.859 ug/l	99
23) Diethyl Ether	2.10	59	22351	1.865 ug/l	98
24) tert-Butyl Alcohol	2.83	59	22897	18.523 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	75429	1.874 ug/l	100
26) Bromochloromethane	4.54	128	16557	1.949 ug/l	97
27) Chloroform	4.67	83	56238	1.838 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	49184	1.896 ug/l	98
29) 1,1-Dichloropropene	5.13	75	40913	1.775 ug/l	96
30) Carbon Tetrachloride	5.13	117	42381	1.873 ug/l	97
31) Isopropyl Ether	3.58	45	78929	1.894 ug/l	96
32) Ethyl-t-butyl ether	4.07	59	74410	1.837 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	70639	1.886 ug/l	98
34) Propionitrile	4.34	54	10225	8.762 ug/l #	97
35) Benzene	5.38	78	128661	1.895 ug/l	98
36) 1,2-Dichloroethane	5.40	62	34612	1.866 ug/l	98
37) Trichloroethene	6.18	130	37495	1.891 ug/l	94
38) 1,2-Dichloropropane	6.43	63	32393	1.885 ug/l	95
39) Methacrylonitrile	4.55	41	8983	1.830 ug/l	96
40) Methyl acrylate	4.43	55	14403	1.856 ug/l #	85
41) Tetrahydrofuran	4.66	42	9295	3.620 ug/l	97
42) 1-Chlorobutane	5.06	56	55478	1.884 ug/l	97

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	16783	1.884	ug/l	97
44) Bromodichloromethane	6.76	83	40428	1.848	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	86305	9.289	ug/l	96
46) t-1,4-Dichloro-2-butene	10.49	75	34102	8.780	ug/l #	50
47) Methyl methacrylate	6.63	69	28158	3.684	ug/l	98
48) Ethyl methacrylate	8.02	69	26680	1.822	ug/l	99
49) Toluene	7.63	92	77031	1.847	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	34062	1.777	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	42806	1.804	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	23847	1.808	ug/l	96
53) 1,3-Dichloropropane	8.24	76	38953	1.801	ug/l	97
54) 2-Hexanone	8.36	43	56401	8.741	ug/l	97
55) Dibromochloromethane	8.47	129	28535	1.823	ug/l	98
56) 1,2-Dibromoethane	8.58	107	24116	1.929	ug/l	95
58) Tetrachloroethene	8.22	164	38622	1.907	ug/l	97
59) Chlorobenzene	9.12	112	89143	1.860	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	31819	1.851	ug/l	98
61) Pentachloroethane	11.10	117	21161	1.768	ug/l	97
62) Hexachloroethane	12.14	117	21629	1.718	ug/l	100
63) Ethyl Benzene	9.25	91	139719	1.780	ug/l	99
64) m/p-Xylenes	9.37	106	111571	3.595	ug/l	96
65) o-Xylene	9.78	106	55190	1.852	ug/l	99
66) Styrene	9.79	104	91122	1.840	ug/l	97
67) Bromoform	9.96	173	16045	1.746	ug/l	100
69) Isopropylbenzene	10.16	105	144776	1.832	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	29945	1.862	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	34102	2.853	ug/l #	80
72) Bromobenzene	10.45	156	38679	1.849	ug/l	98
73) n-propylbenzene	10.58	120	40024	1.801	ug/l	97
74) 2-Chlorotoluene	10.66	126	35923	1.823	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	121394	1.823	ug/l	100
76) 4-Chlorotoluene	10.77	126	36238	1.803	ug/l	97
77) tert-Butylbenzene	11.10	119	120775	1.833	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	123620	1.837	ug/l	98
79) sec-Butylbenzene	11.32	105	161867	1.854	ug/l	100
80) Nitrobenzene	12.87	77	748	2.562	ug/l #	64
81) p-Isopropyltoluene	11.47	119	134936	1.846	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	76116	1.837	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	76867	1.899	ug/l	97
84) n-Butylbenzene	11.89	91	119086	1.788	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	70044	1.793	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3653	1.591	ug/l	94
87) 1,2,4-Trichlorobenzene	13.50	180	43280	1.730	ug/l	97
88) Hexachlorobutadiene	13.69	225	29439	1.868	ug/l	98
89) Naphthalene	13.74	128	64983	1.738	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	42114	1.792	ug/l	98

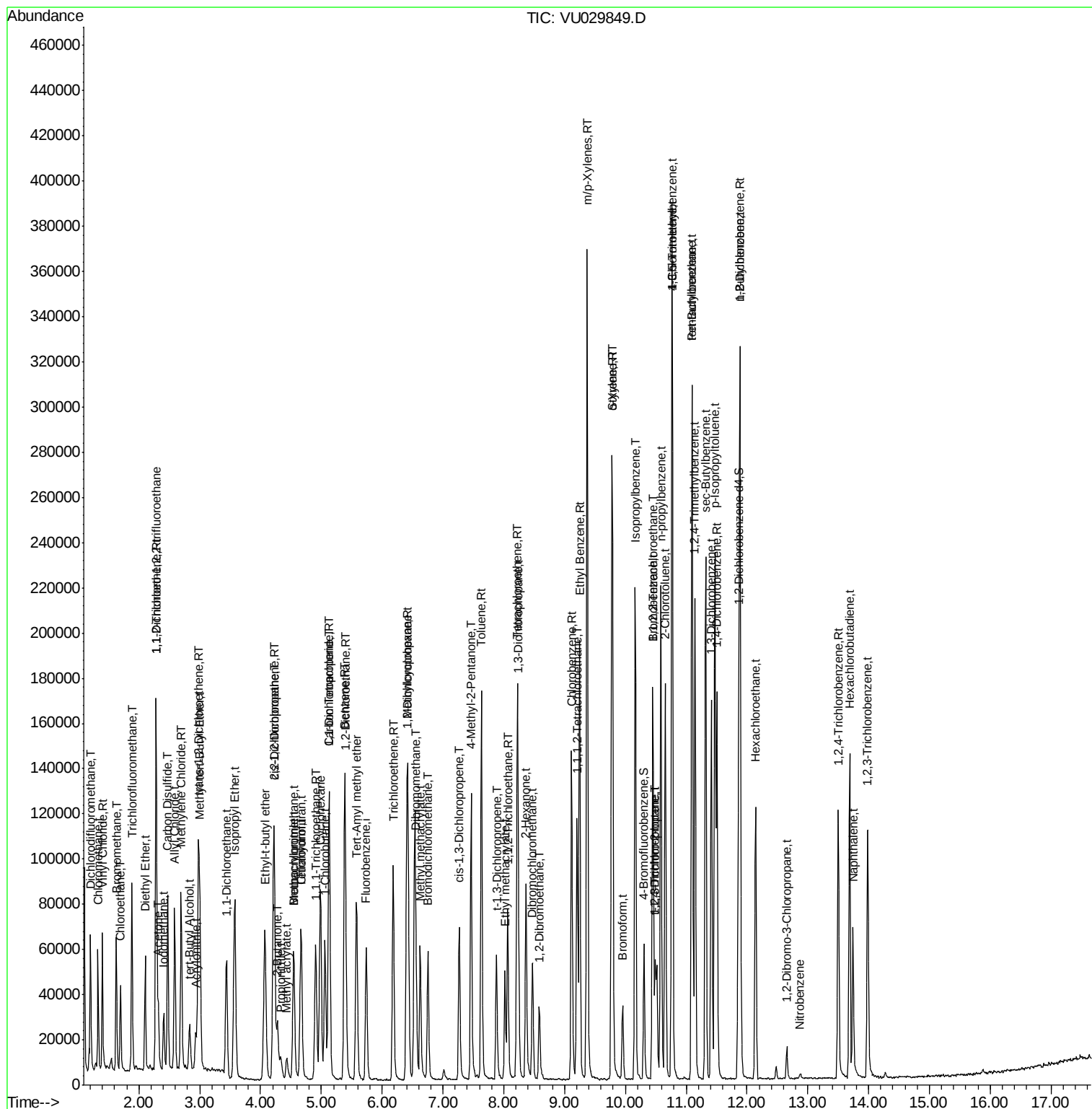
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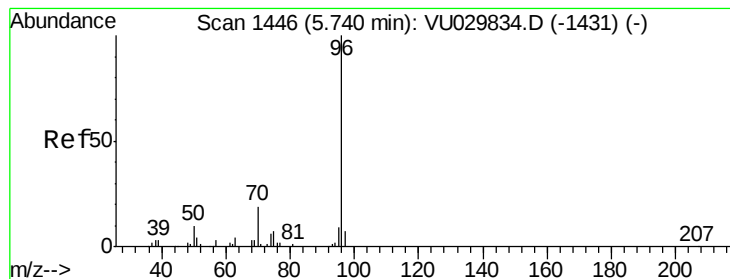
Data File : VU029849.D

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBS01

Tgt Ion: 96 Resp: 61452

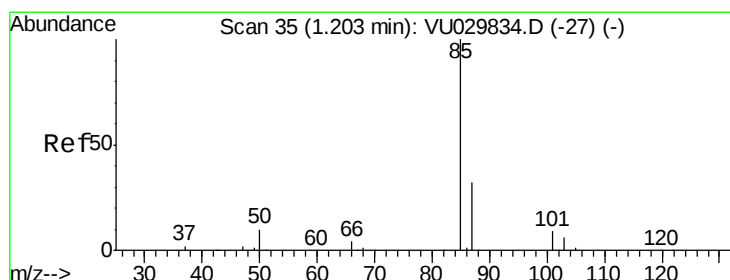
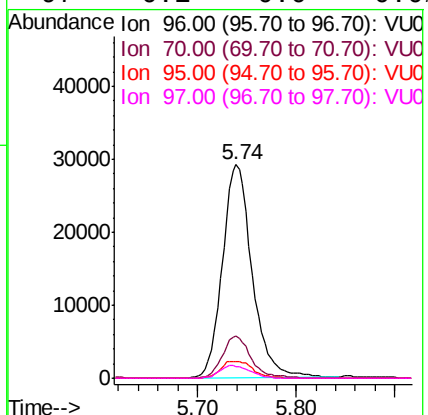
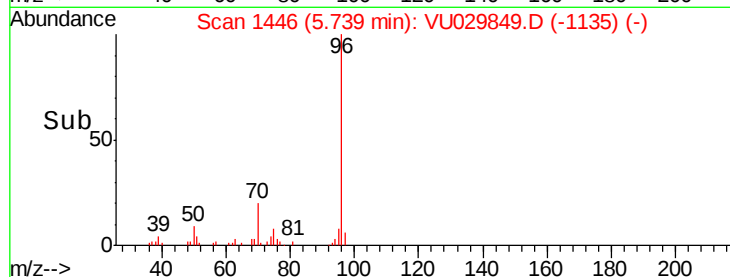
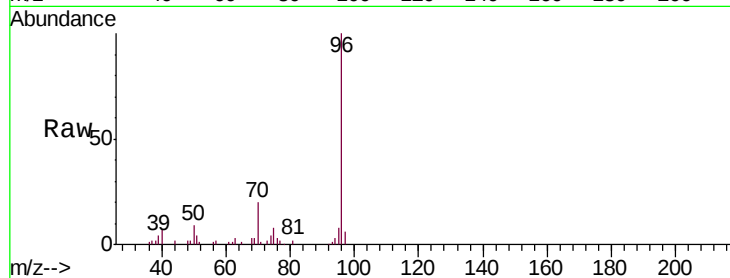
Ion Ratio Lower Upper

96 100

70 19.0 14.4 21.6

95 8.5 7.0 10.6

97 6.1 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.807 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029849.D

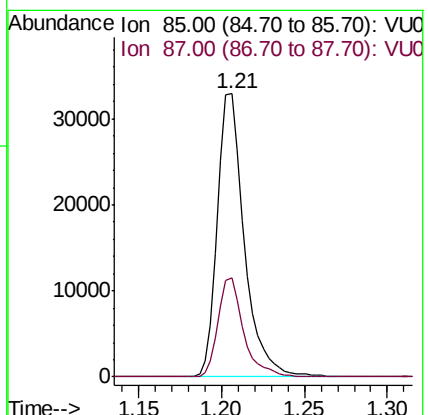
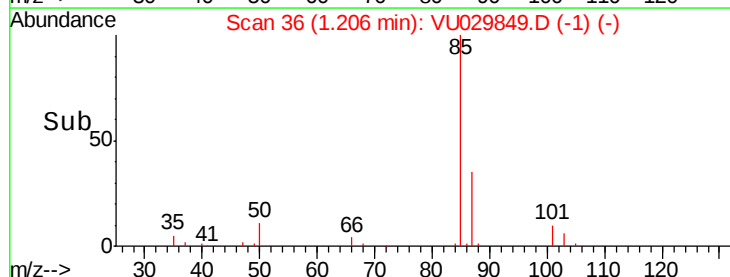
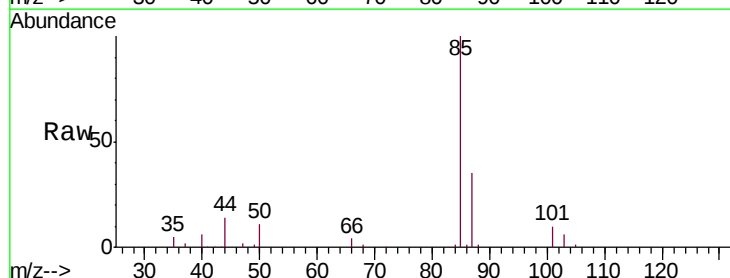
Acq: 07 Mar 2019 12:11

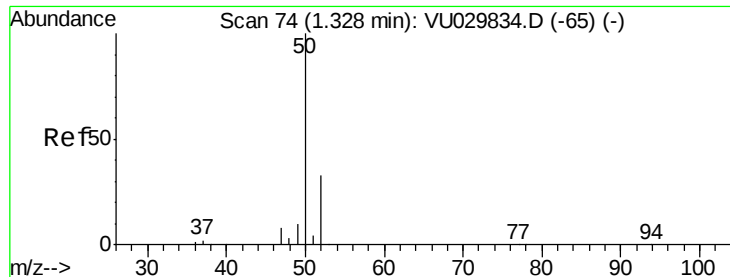
Tgt Ion: 85 Resp: 37157

Ion Ratio Lower Upper

85 100

87 34.9 16.2 48.6





#3

Chloromethane

Concen: 1.812 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

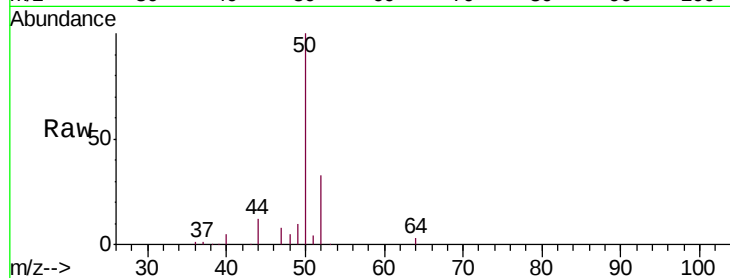
VU0308WBS01

Tgt Ion: 50 Resp: 33184

Ion Ratio Lower Upper

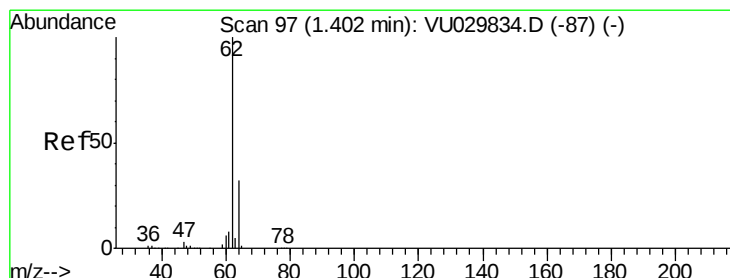
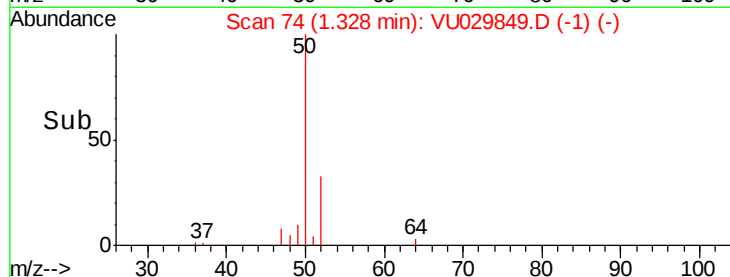
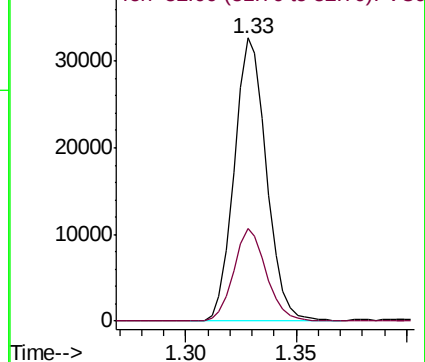
50 100

52 32.6 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.867 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029849.D

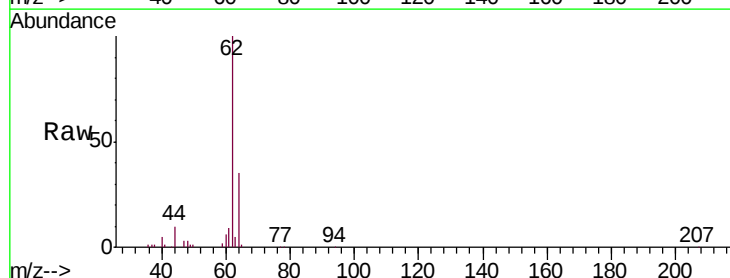
Acq: 07 Mar 2019 12:11

Tgt Ion: 62 Resp: 38464

Ion Ratio Lower Upper

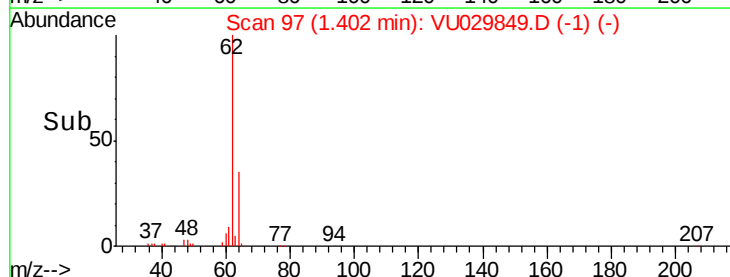
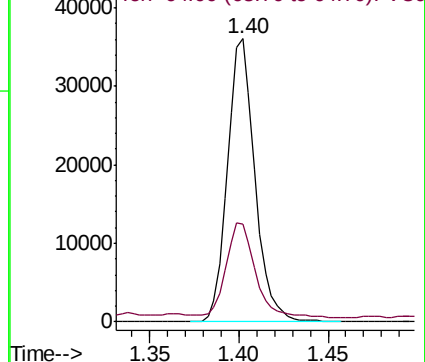
62 100

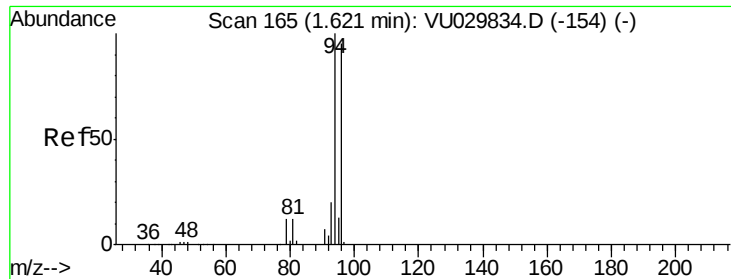
64 32.9 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.853 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

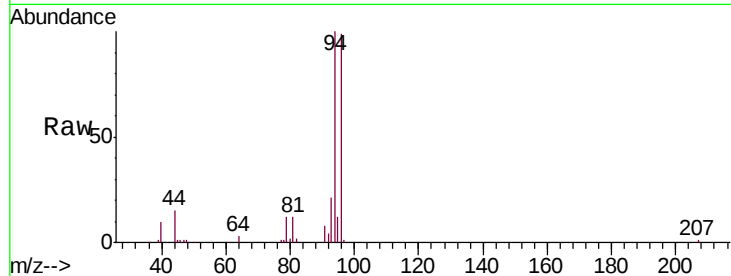
VU0308WBS01

Tgt Ion: 94 Resp: 26068

Ion Ratio Lower Upper

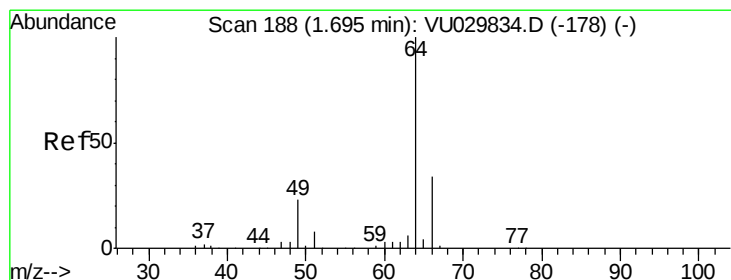
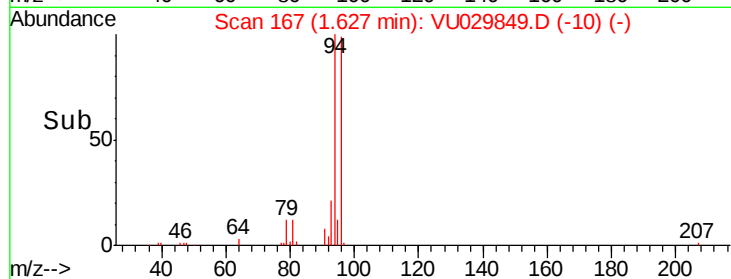
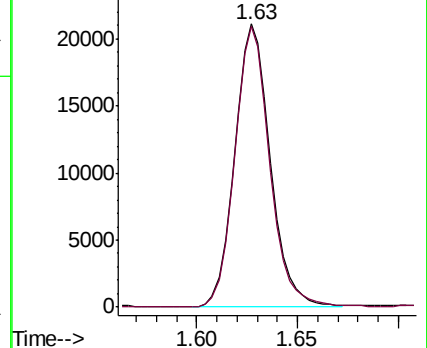
94 100

96 99.1 76.4 114.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.937 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029849.D

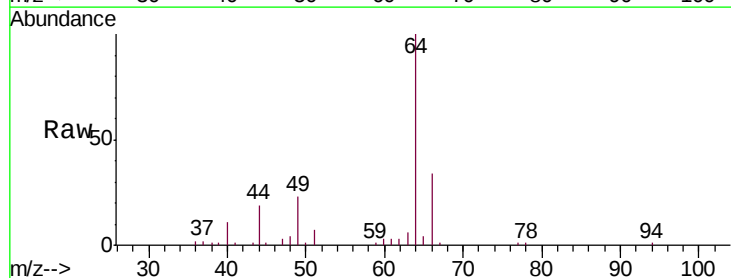
Acq: 07 Mar 2019 12:11

Tgt Ion: 64 Resp: 23924

Ion Ratio Lower Upper

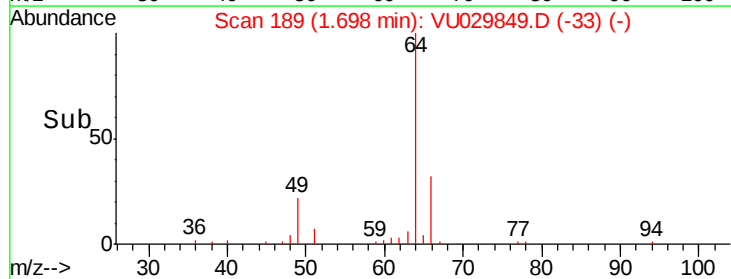
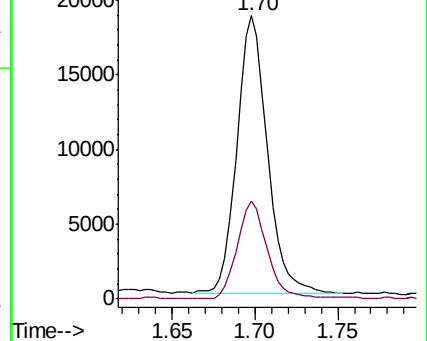
64 100

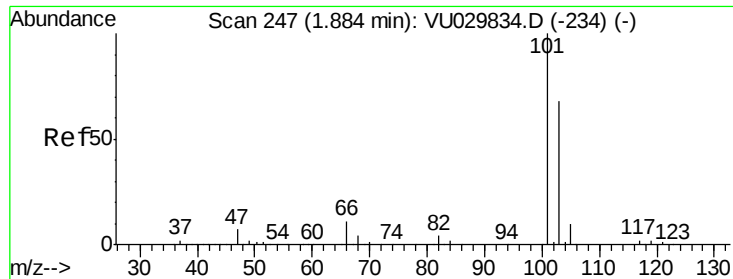
66 35.1 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



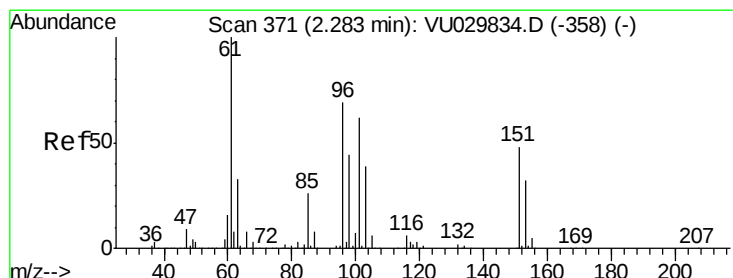
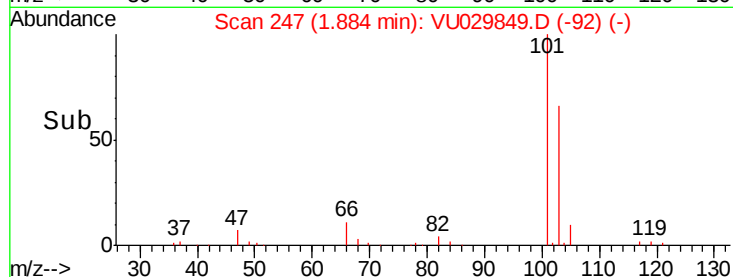
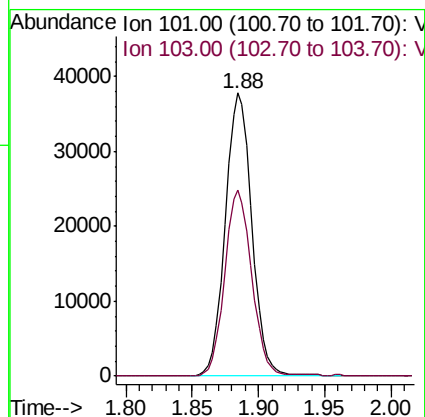
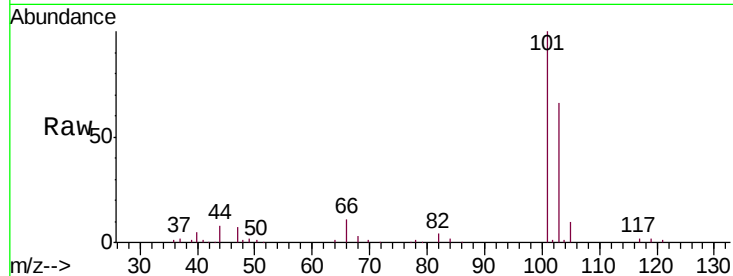


#7

Trichlorofluoromethane
 Concen: 1.877 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Instrument :
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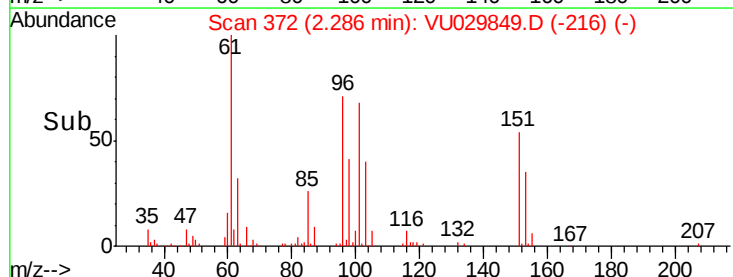
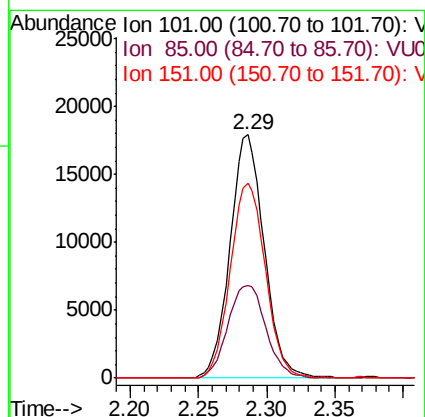
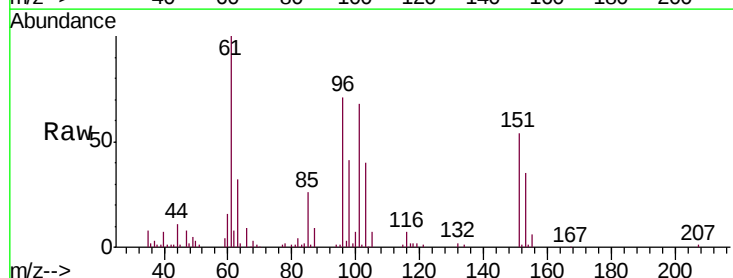
Tgt Ion:101 Resp: 52689
 Ion Ratio Lower Upper
 101 100
 103 65.9 54.2 81.2

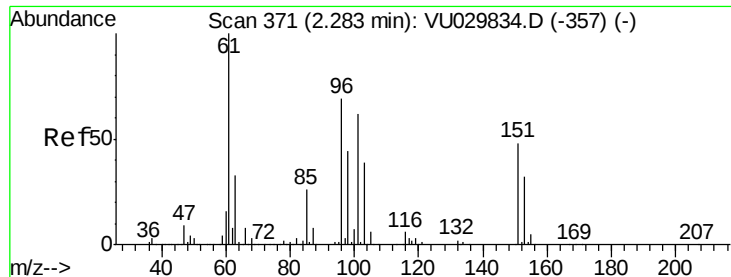


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.914 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion:101 Resp: 31252
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.4 50.0
 151 82.1 64.6 97.0





#9

1,1-Dichloroethene

Concen: 1.895 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBS01

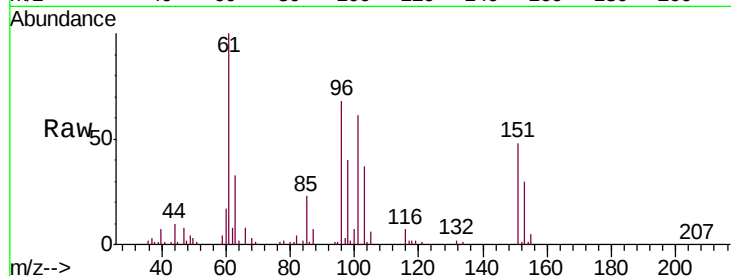
Tgt Ion: 96 Resp: 30286

Ion Ratio Lower Upper

96 100

61 147.1 0.0 435.3

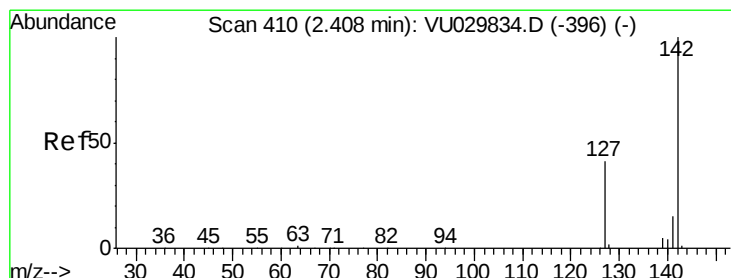
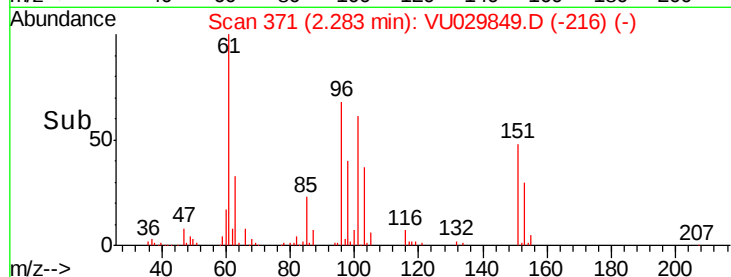
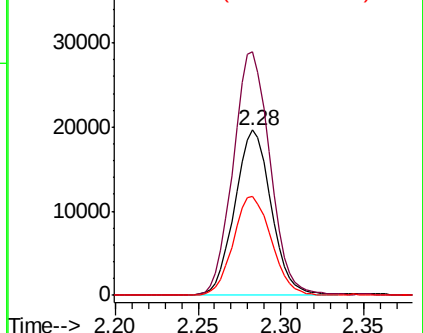
98 59.5 0.0 128.6



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: 1.872 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029849.D

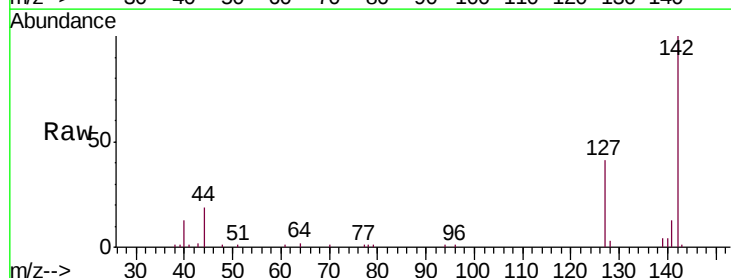
Acq: 07 Mar 2019 12:11

Tgt Ion: 142 Resp: 24455

Ion Ratio Lower Upper

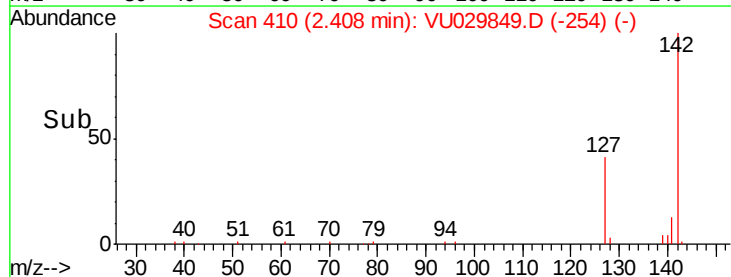
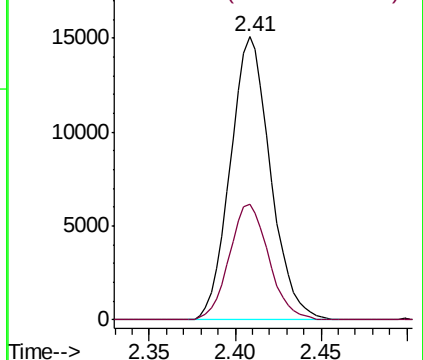
142 100

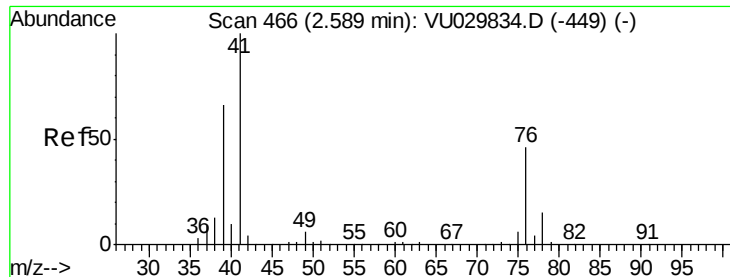
127 40.2 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

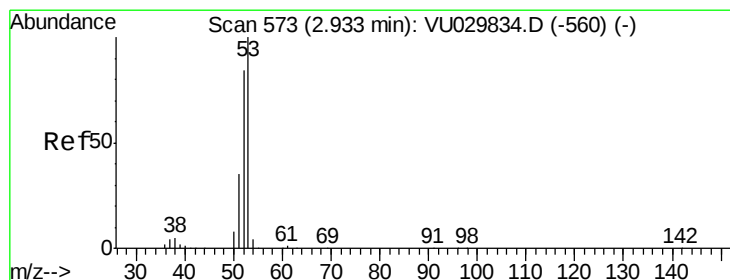
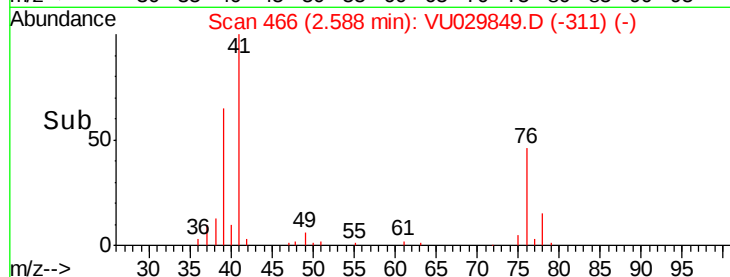
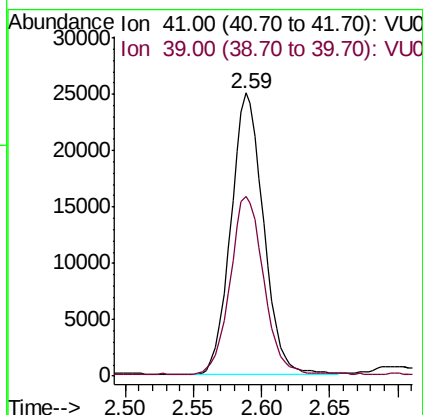
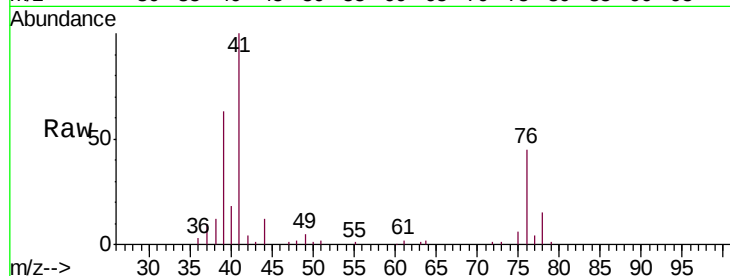




#11
 Allyl Chloride
 Concen: 1.846 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

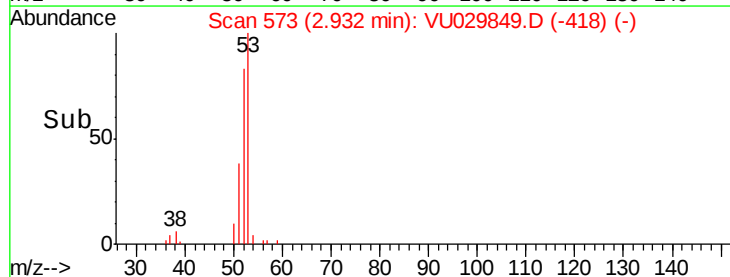
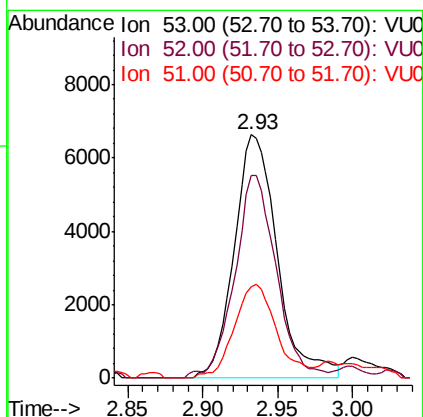
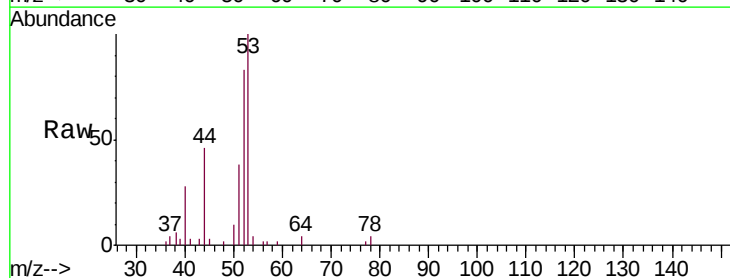
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

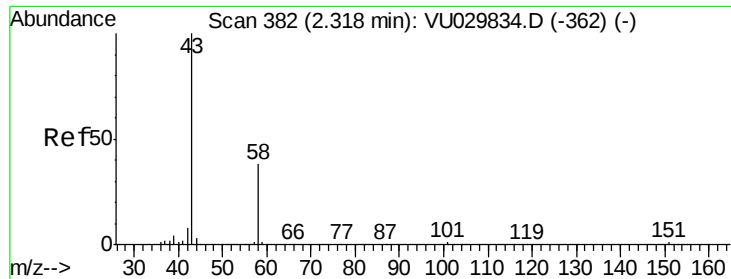
Tgt Ion: 41 Resp: 41478
 Ion Ratio Lower Upper
 41 100
 39 65.1 51.6 77.4



#12
 Acrylonitrile
 Concen: 3.822 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion: 53 Resp: 13322
 Ion Ratio Lower Upper
 53 100
 52 80.0 66.5 99.7
 51 38.1 28.6 42.8





#13

Acetone

Concen: 8.778 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

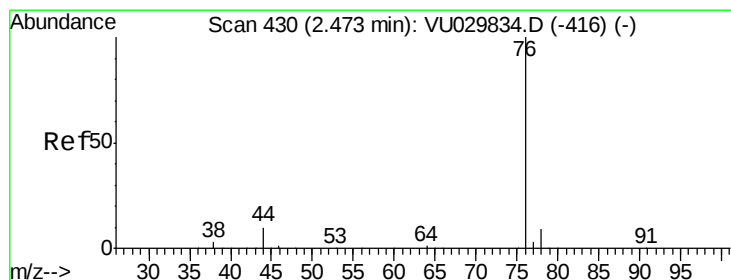
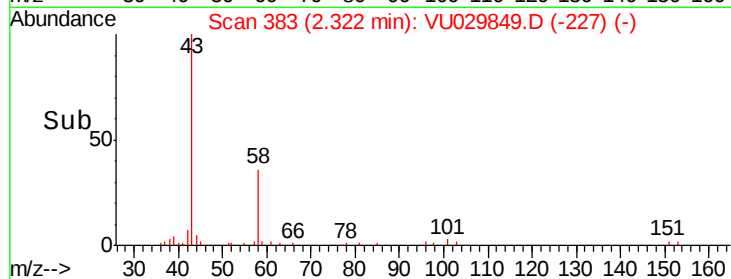
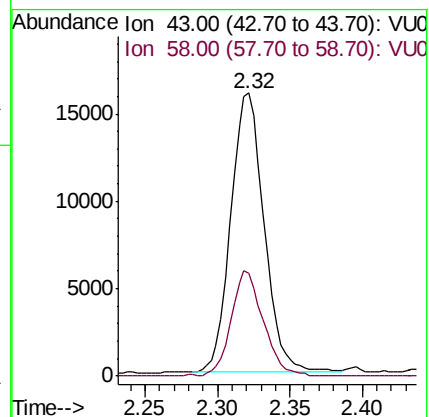
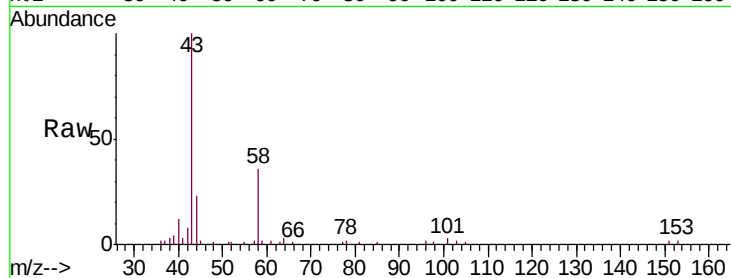
VU0308WBS01

Tgt Ion: 43 Resp: 25340

Ion Ratio Lower Upper

43 100

58 36.7 30.2 45.2



#14

Carbon Disulfide

Concen: 1.836 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029849.D

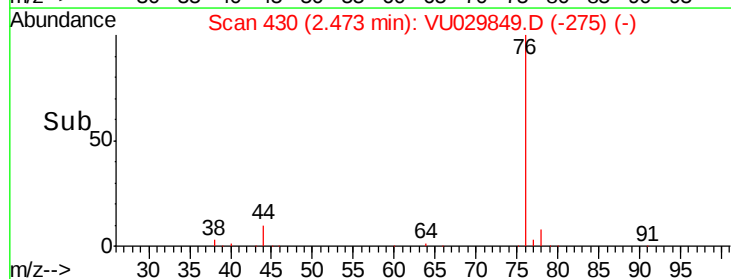
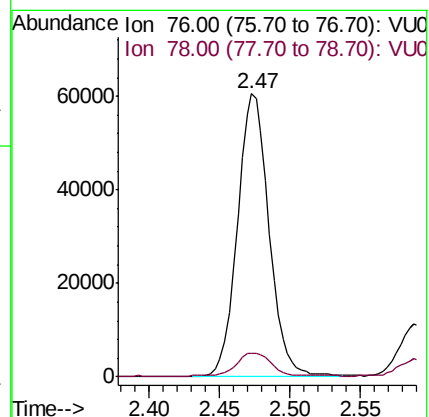
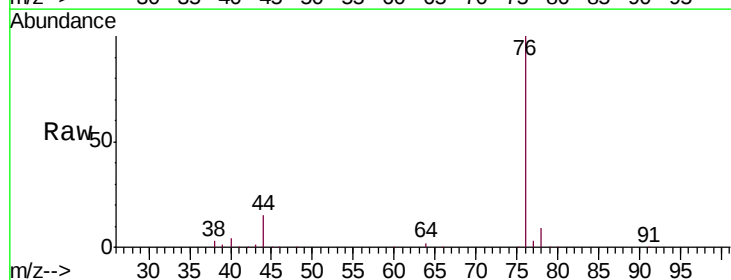
Acq: 07 Mar 2019 12:11

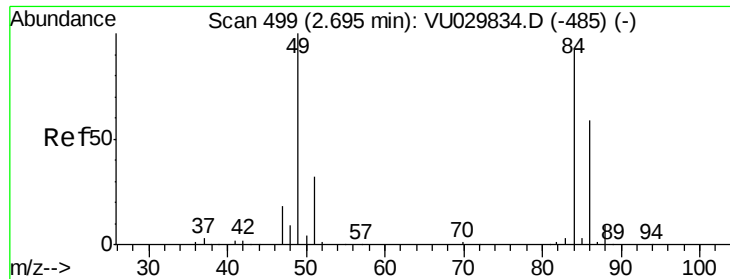
Tgt Ion: 76 Resp: 95045

Ion Ratio Lower Upper

76 100

78 8.1 7.2 10.8

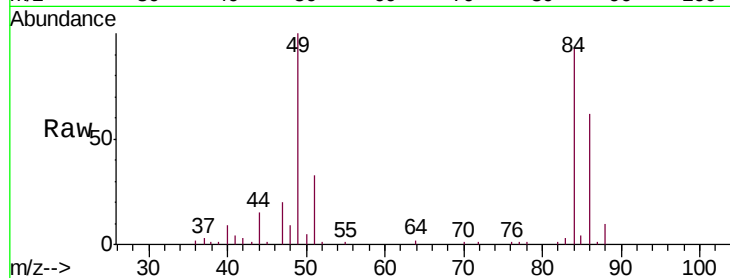




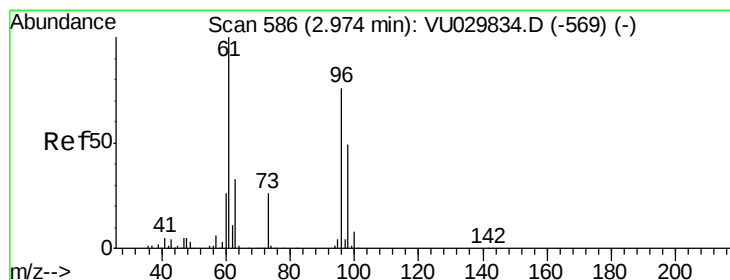
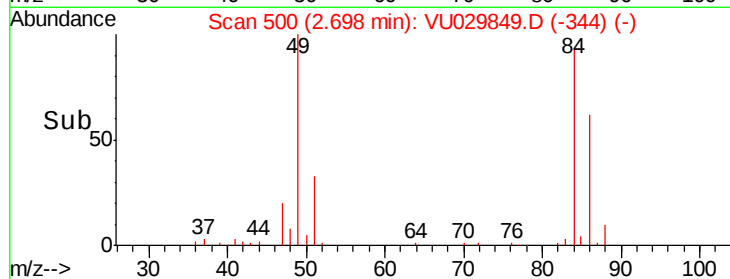
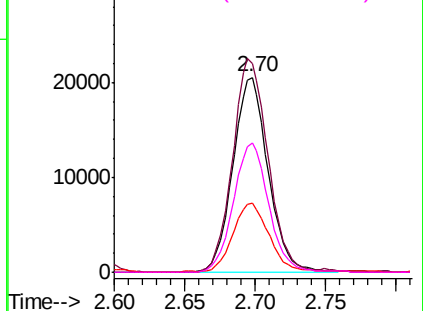
#15
Methylene Chloride
Concen: 1.876 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

Tgt Ion: 84 Resp: 35989
Ion Ratio Lower Upper
84 100
49 107.2 87.2 130.8
51 34.6 0.0 69.0
86 66.3 51.3 76.9

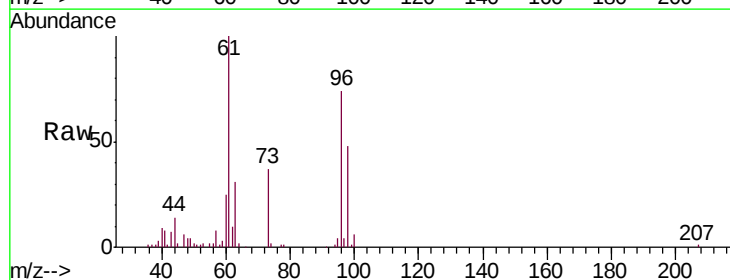


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

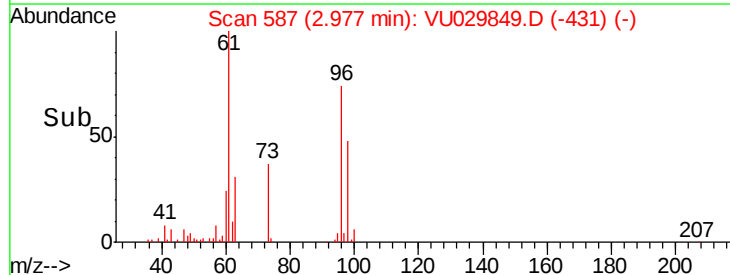
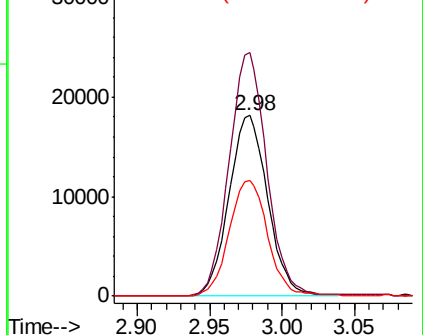


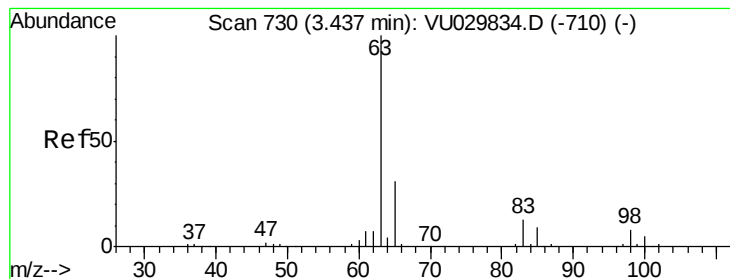
#16
trans-1,2-Dichloroethene
Concen: 1.870 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 96 Resp: 33773
Ion Ratio Lower Upper
96 100
61 134.8 104.7 157.1
98 64.2 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: 1.875 ug/l

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBS01

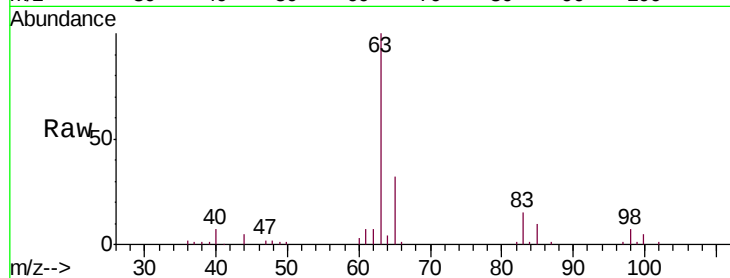
Tgt Ion: 63 Resp: 56651

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

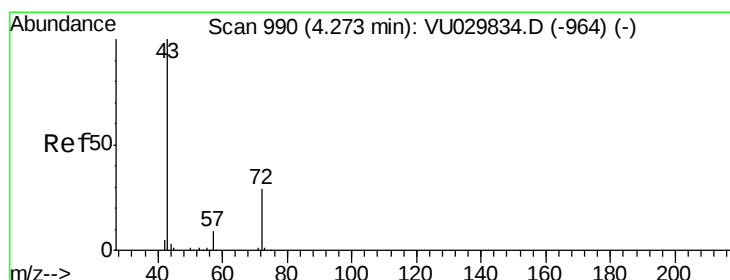
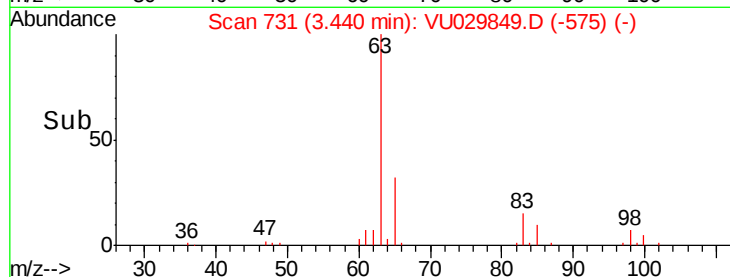
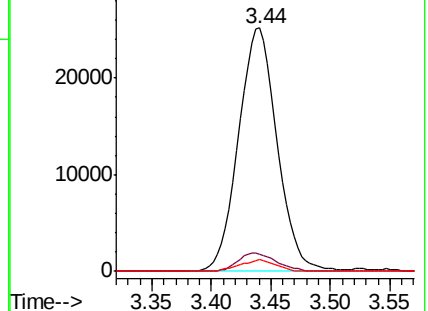
100 4.7 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-710) (-)

Ion 98.00 (97.70 to 98.70): VU029834.D (-710) (-)

Ion 100.00 (99.70 to 100.70): VU029834.D (-710) (-)



#18

2-Butanone

Concen: 8.613 ug/l

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VU029849.D

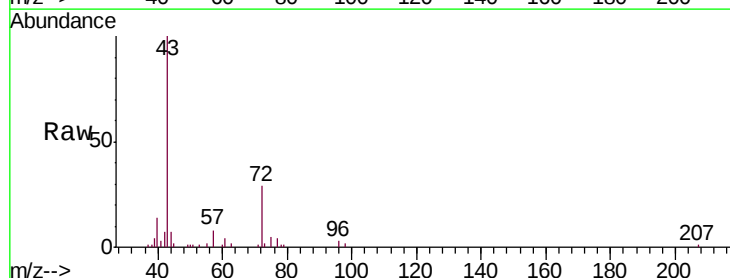
Acq: 07 Mar 2019 12:11

Tgt Ion: 43 Resp: 33789

Ion Ratio Lower Upper

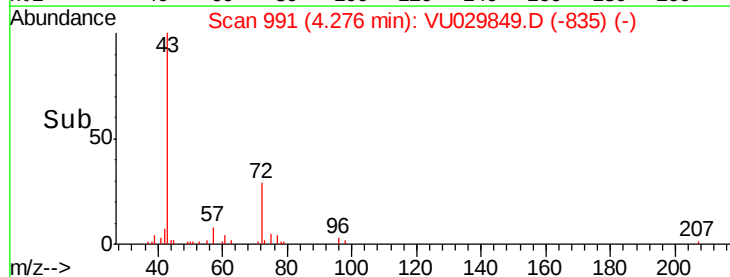
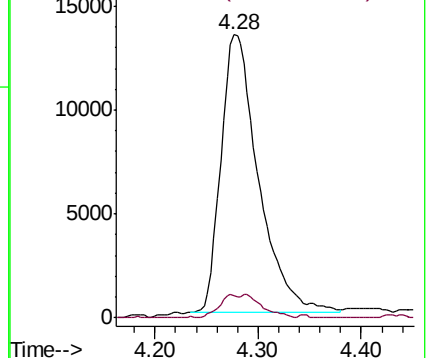
43 100

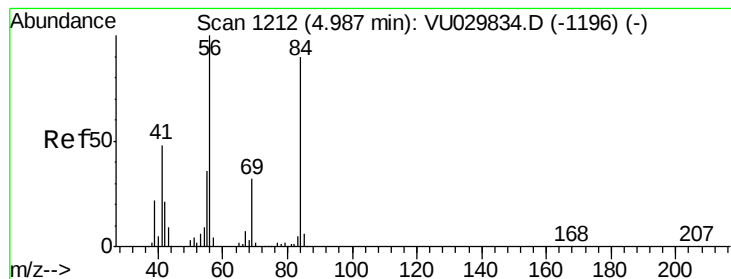
57 7.8 0.0 18.6



Abundance Ion 43.00 (42.70 to 43.70): VU029834.D (-964) (-)

Ion 57.00 (56.70 to 57.70): VU029834.D (-964) (-)





#19

Cyclohexane

Concen: 1.613 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBS01

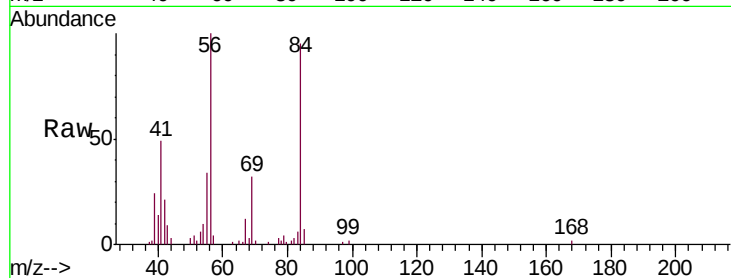
Tgt Ion: 56 Resp: 37845

Ion Ratio Lower Upper

56 100

69 37.9 29.4 44.2

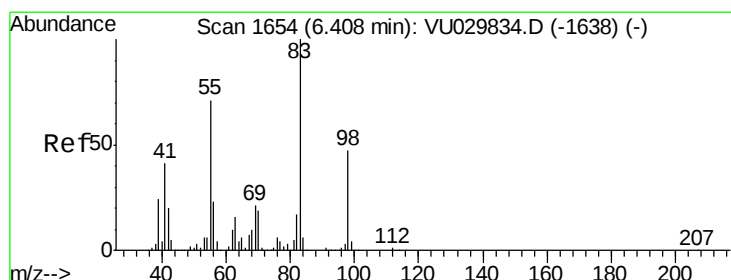
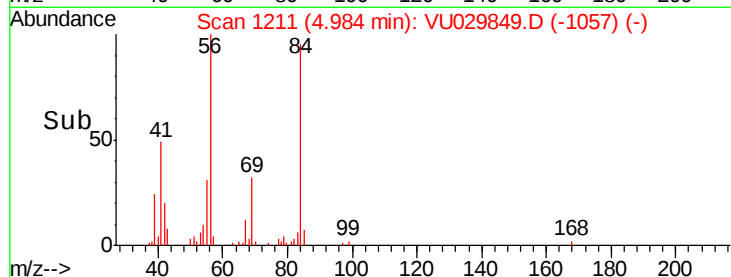
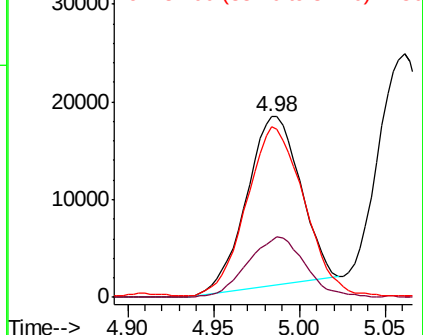
84 105.5 84.6 127.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.854 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

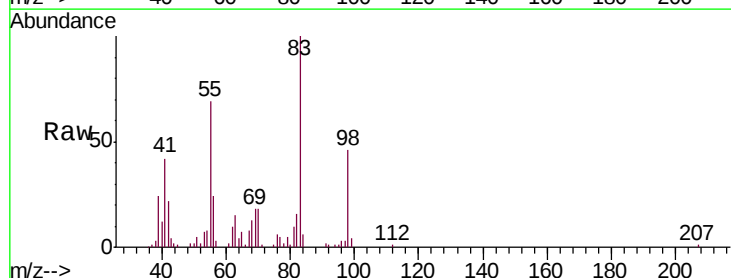
Tgt Ion: 83 Resp: 50663

Ion Ratio Lower Upper

83 100

55 70.9 55.9 83.9

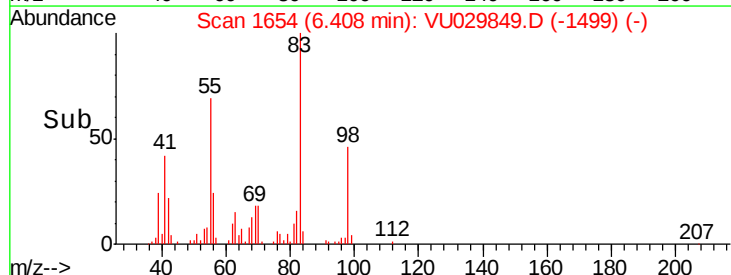
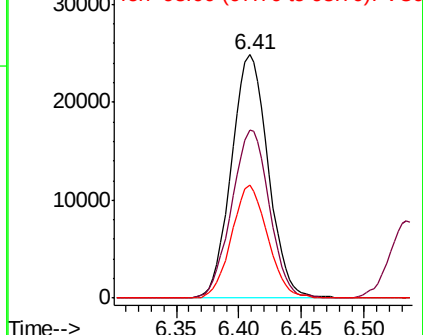
98 45.6 37.0 55.4

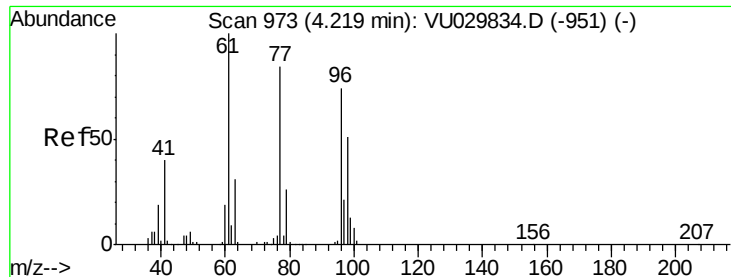


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 1.864 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

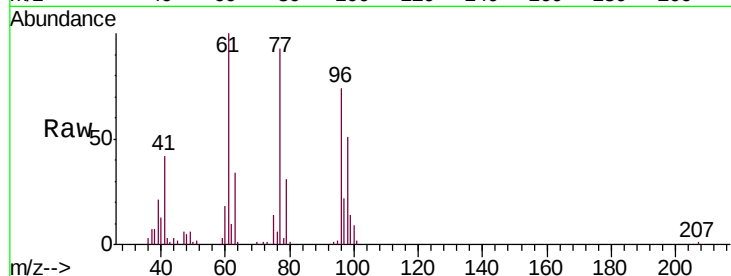
VU0308WBS01

Tgt Ion: 77 Resp: 46033

Ion Ratio Lower Upper

77 100

97 24.5 20.2 30.2



Abundance Ion 77.00 (76.70 to 77.70): VU029834.D (-951) (-)

Ion 97.00 (96.70 to 97.70): VU029834.D (-951) (-)

20000

15000

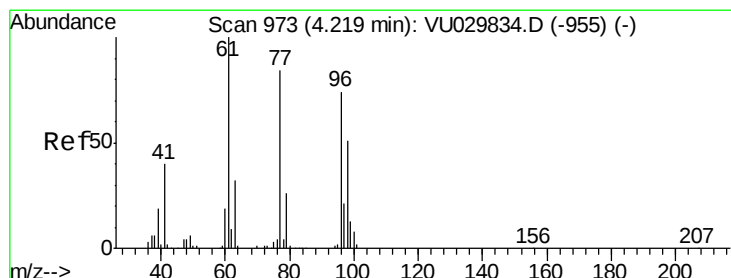
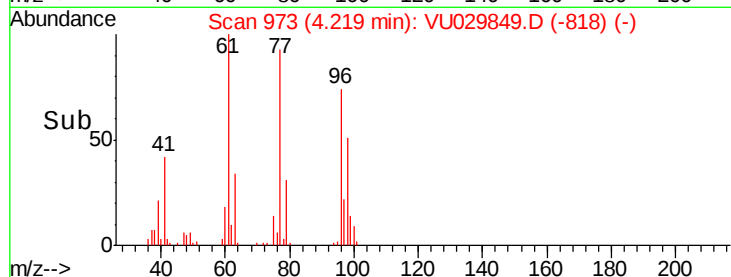
10000

5000

0

4.10 4.20 4.30

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.859 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

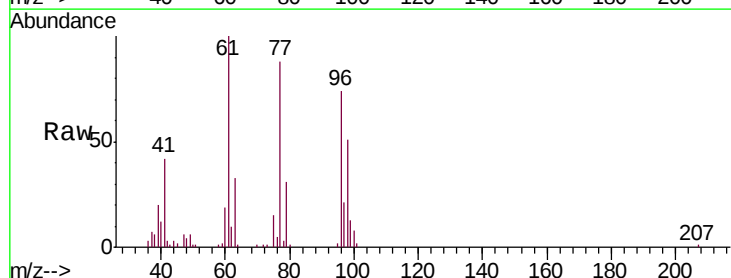
Tgt Ion: 96 Resp: 35578

Ion Ratio Lower Upper

96 100

61 134.1 0.0 339.0

98 66.9 33.1 99.5



Abundance Ion 96.00 (95.70 to 96.70): VU029834.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU029834.D (-955) (-)

Ion 98.00 (97.70 to 98.70): VU029834.D (-955) (-)

25000

20000

15000

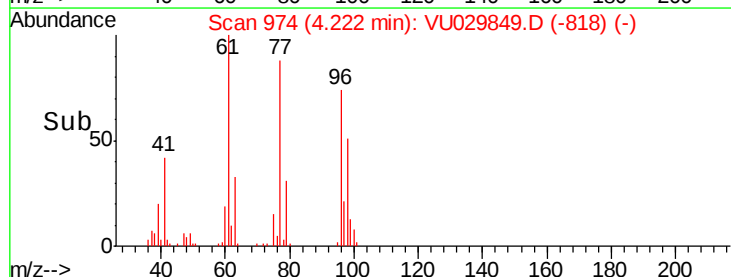
10000

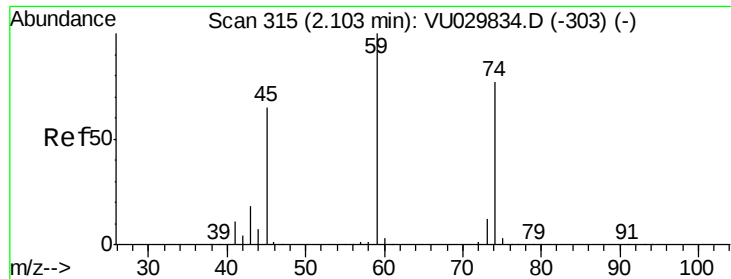
5000

0

4.15 4.20 4.25 4.30

Time-->

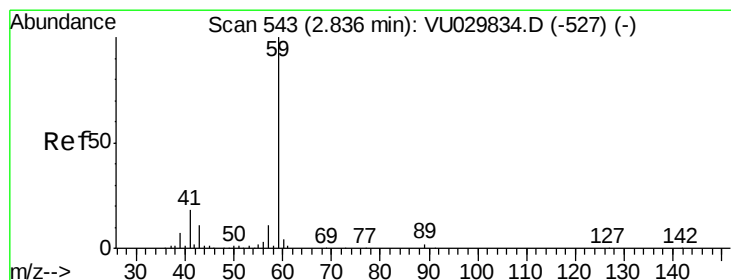
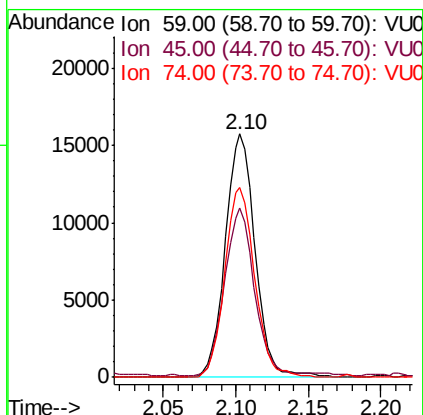
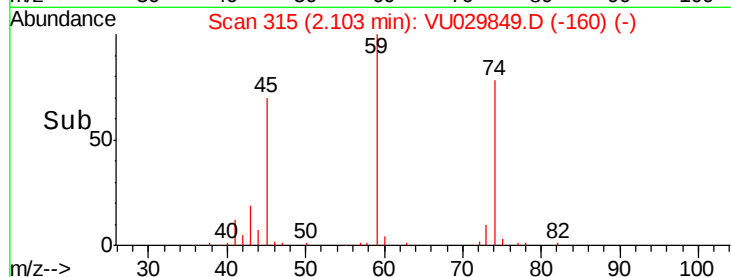
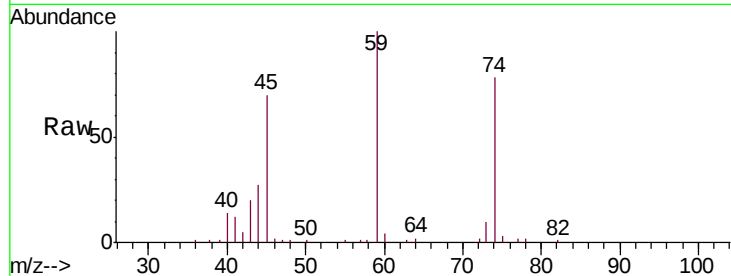




#23
Diethyl Ether
Concen: 1.865 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

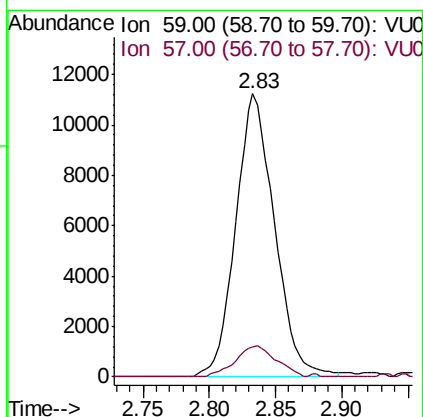
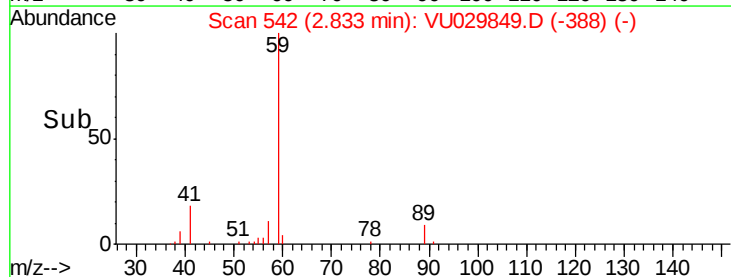
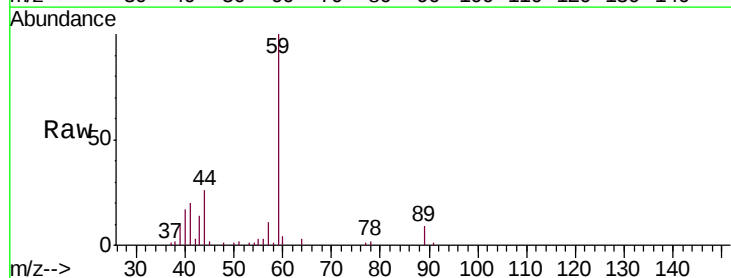
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

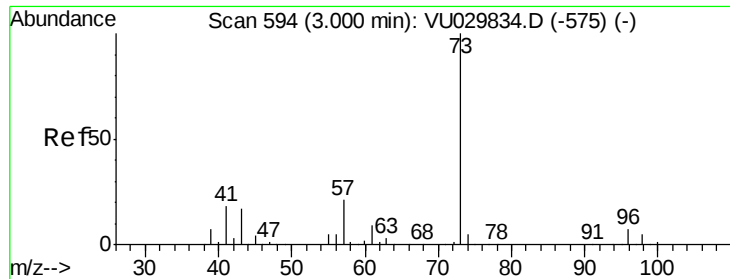
Tgt Ion: 59 Resp: 22351
Ion Ratio Lower Upper
59 100
45 68.7 52.7 79.1
74 78.4 61.8 92.6



#24
tert-Butyl Alcohol
Concen: 18.523 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 59 Resp: 22897
Ion Ratio Lower Upper
59 100
57 11.5 8.5 12.7



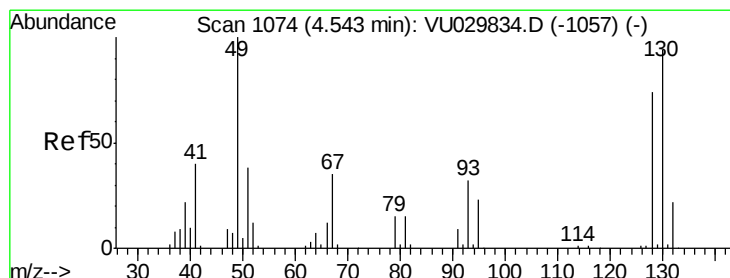
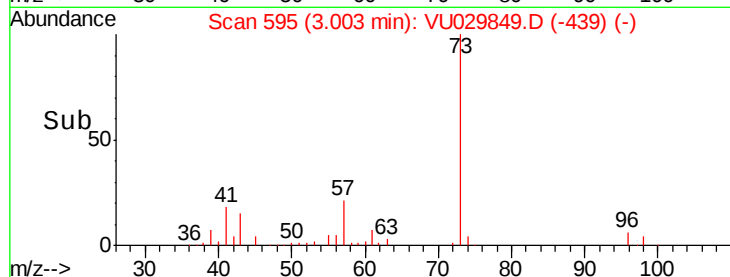
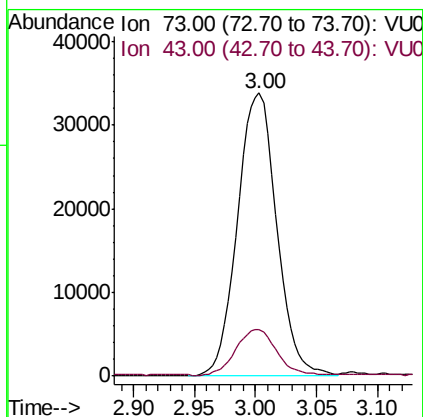
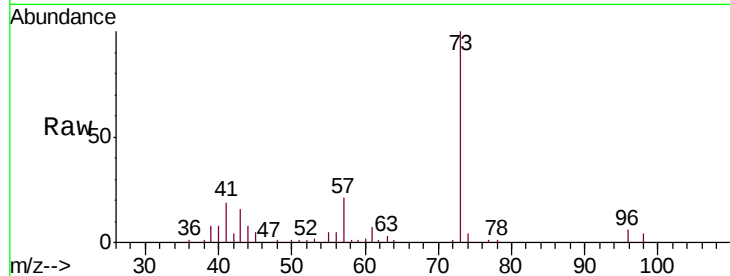


#25

Methyl tert-Butyl Ether
Concen: 1.874 ug/l
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

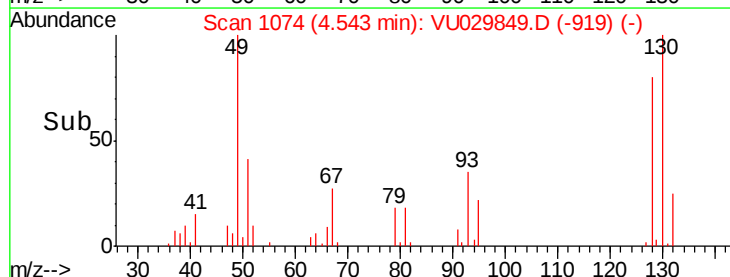
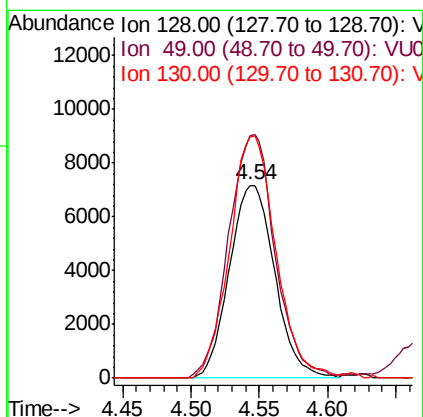
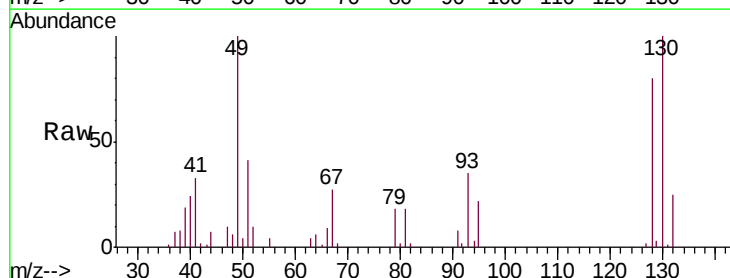
Tgt Ion: 73 Resp: 75429
Ion Ratio Lower Upper
73 100
43 16.6 13.1 19.7

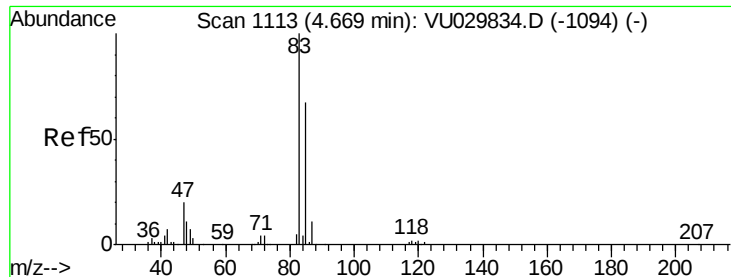


#26

Bromochloromethane
Concen: 1.949 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 128 Resp: 16557
Ion Ratio Lower Upper
128 100
49 129.6 0.0 270.6
130 127.8 104.2 156.4





#27

Chloroform

Concen: 1.838 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

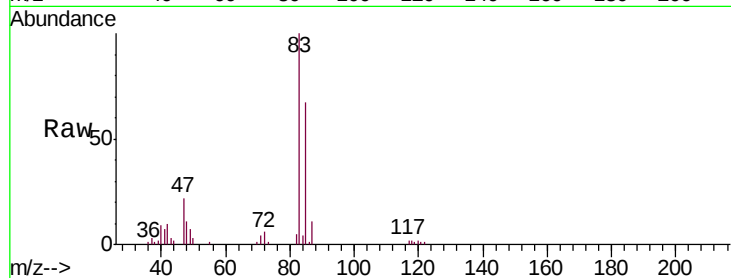
VU0308WBS01

Tgt Ion: 83 Resp: 56238

Ion Ratio Lower Upper

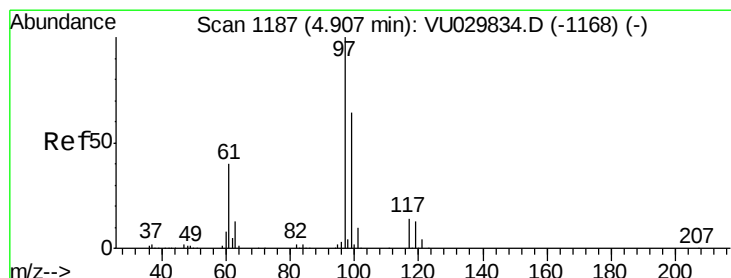
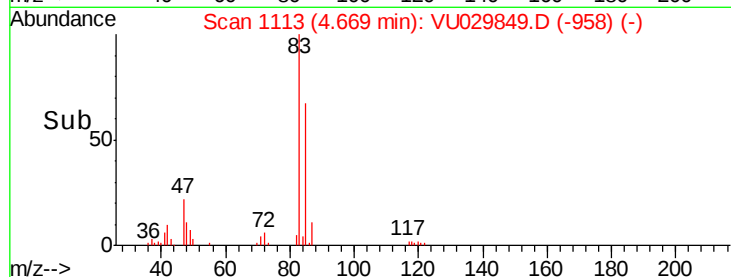
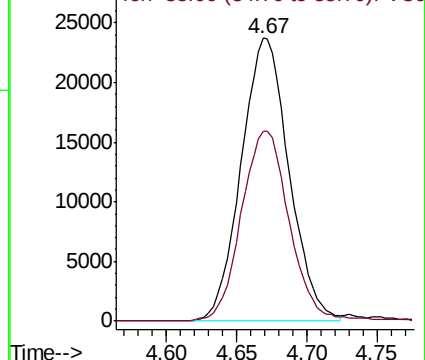
83 100

85 67.1 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: 1.896 ug/l

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

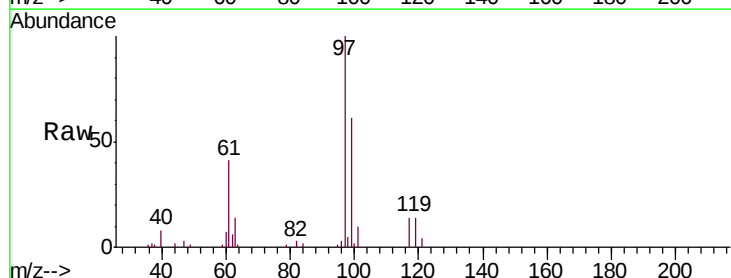
Tgt Ion: 97 Resp: 49184

Ion Ratio Lower Upper

97 100

99 62.2 31.9 95.9

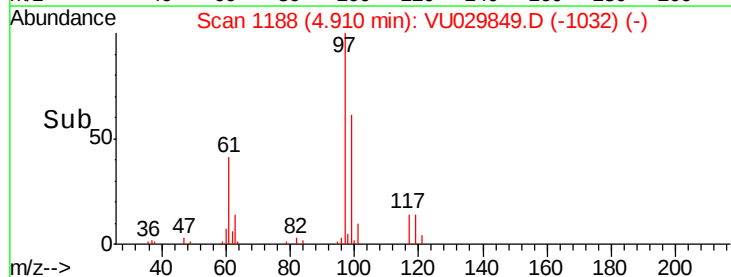
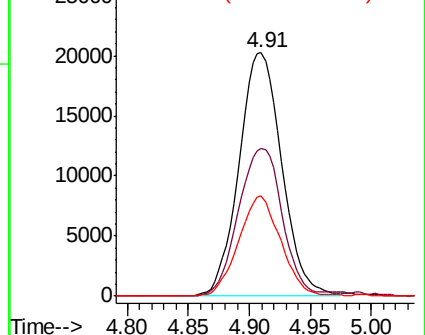
61 40.5 20.4 61.3

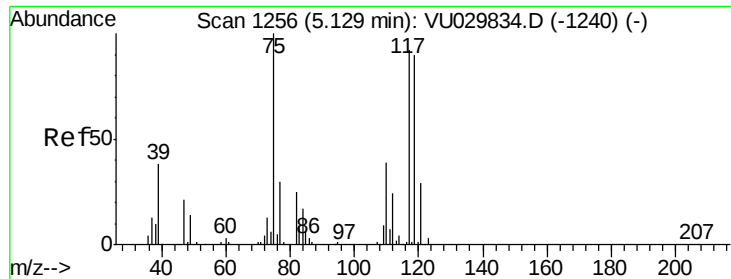


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

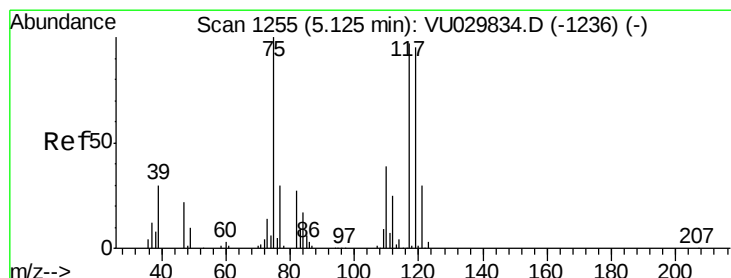
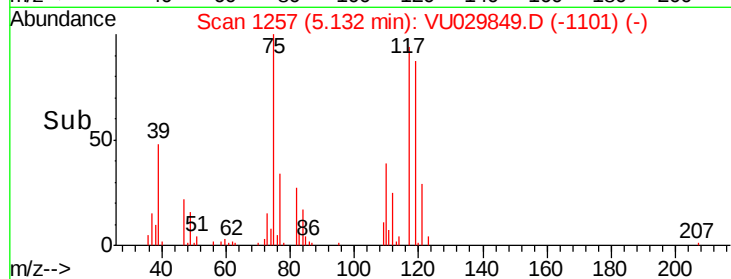
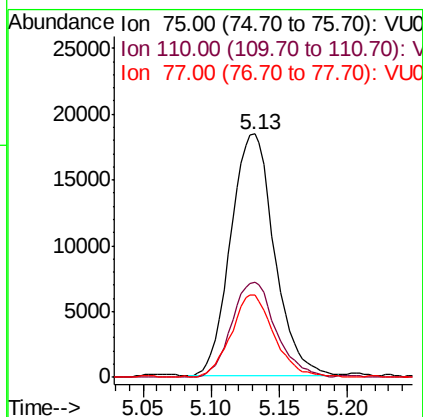
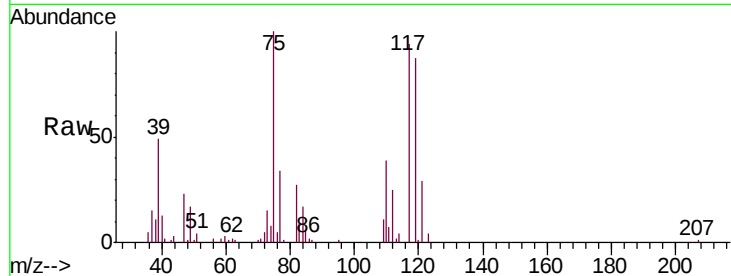




#29
 1,1-Dichloropropene
 Concen: 1.775 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

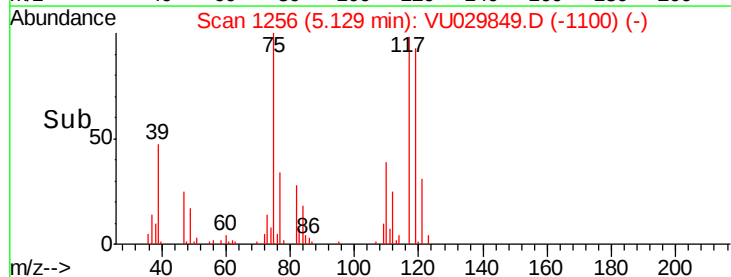
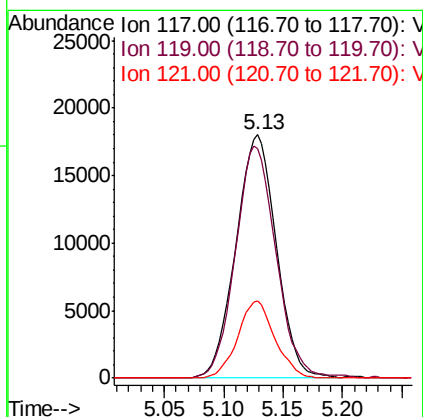
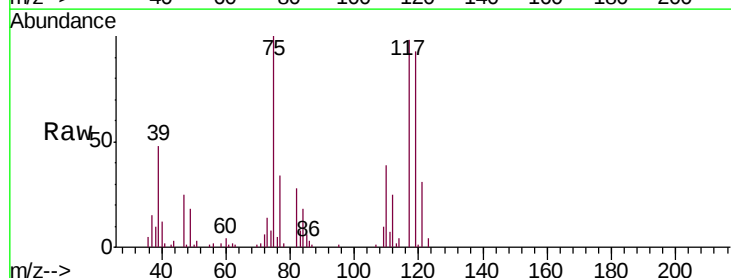
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

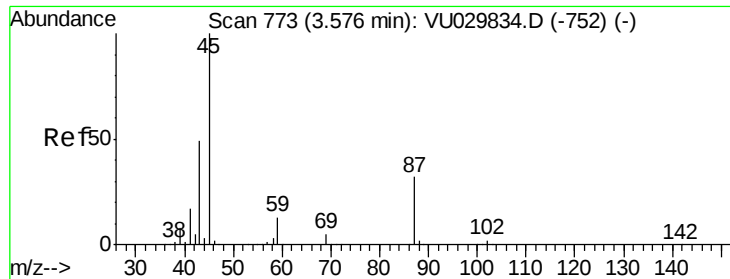
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.1	57.5
77	33.6	23.9	35.9



#30
 Carbon Tetrachloride
 Concen: 1.873 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.4	117.6
121	31.6	25.0	37.4





#31

Isopropyl Ether

Concen: 1.894 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

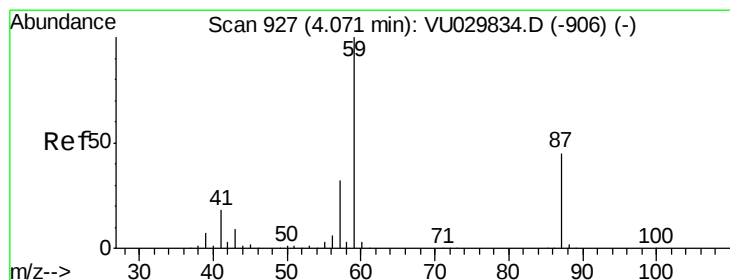
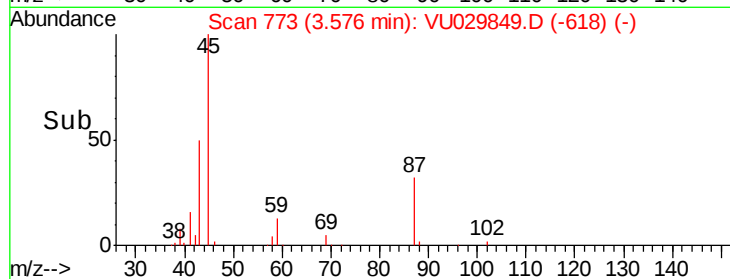
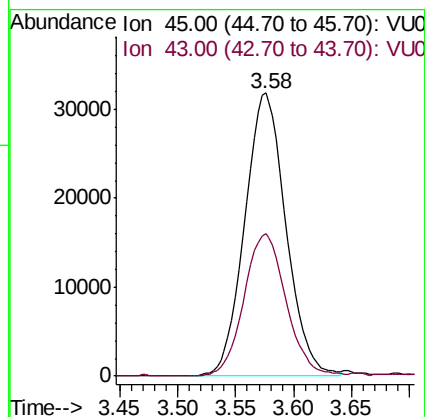
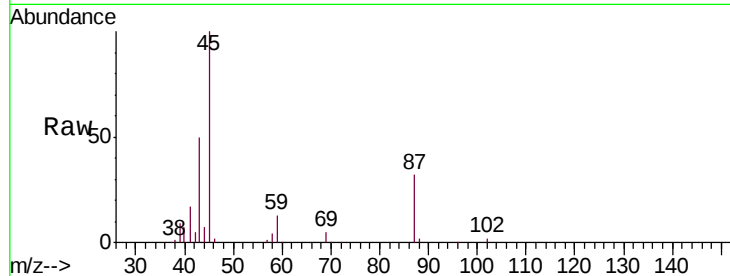
VU0308WBS01

Tgt Ion: 45 Resp: 78929

Ion Ratio Lower Upper

45 100

43 51.2 24.3 72.9



#32

Ethyl-t-butyl ether

Concen: 1.837 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029849.D

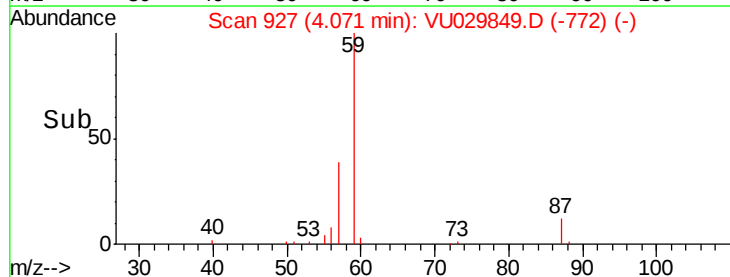
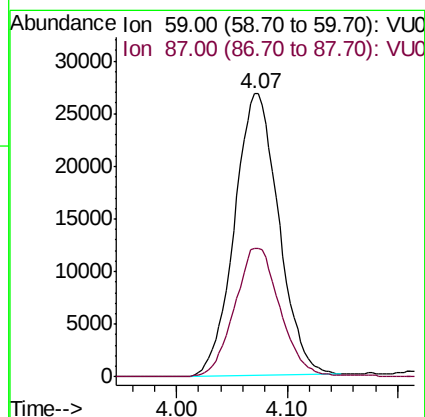
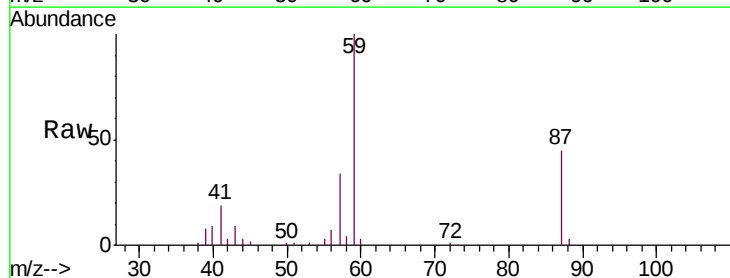
Acq: 07 Mar 2019 12:11

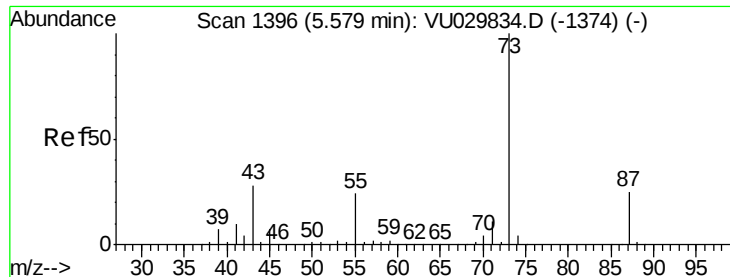
Tgt Ion: 59 Resp: 74410

Ion Ratio Lower Upper

59 100

87 46.3 36.2 54.4

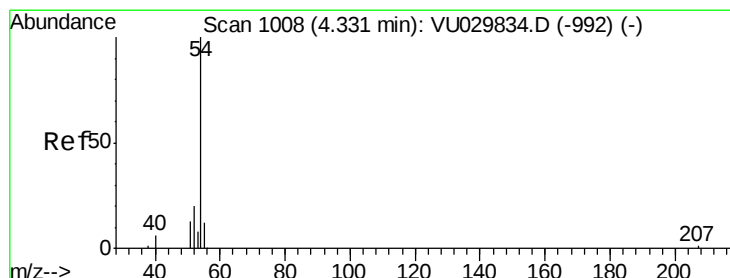
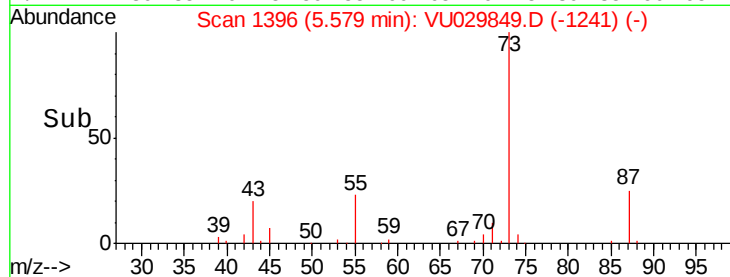
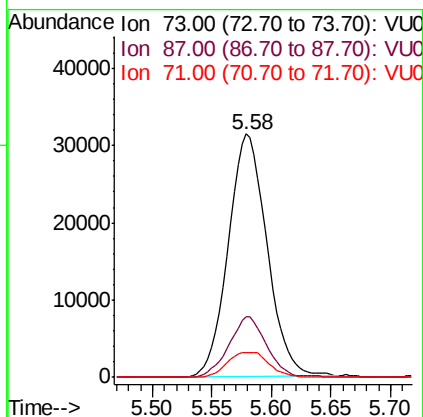
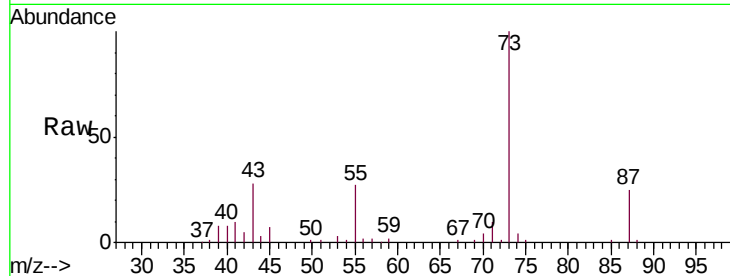




#33
Tert-Amyl methyl ether
Concen: 1.886 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

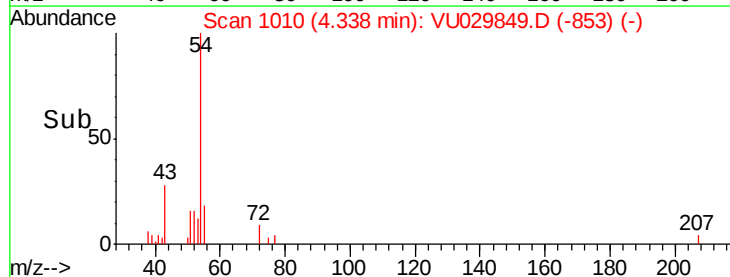
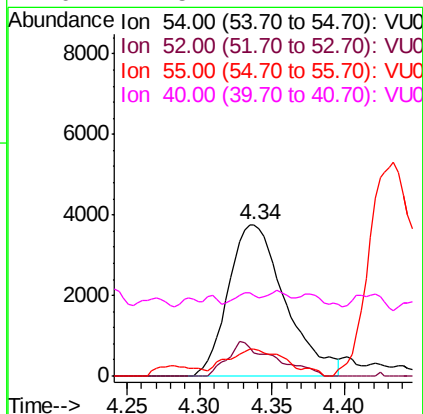
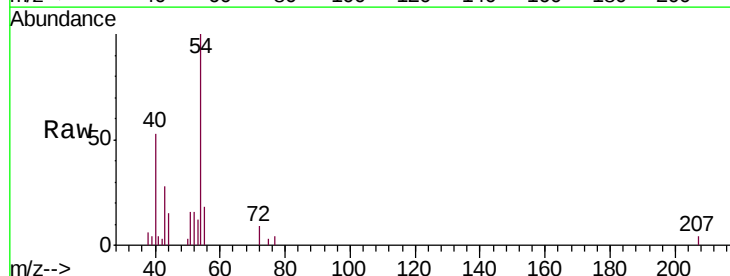
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

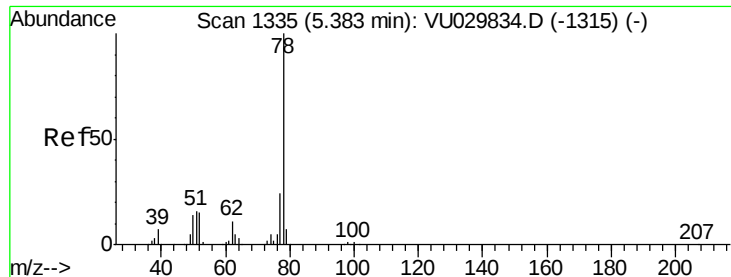
Tgt Ion: 73 Resp: 70639
Ion Ratio Lower Upper
73 100
87 23.4 19.7 29.5
71 11.2 9.4 14.2



#34
Propionitrile
Concen: 8.762 ug/l
RT: 4.34 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 54 Resp: 10225
Ion Ratio Lower Upper
54 100
52 18.8 16.1 24.1
55 13.4 11.2 16.8
40 2.5 4.7 7.1#





#35

Benzene

Concen: 1.895 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

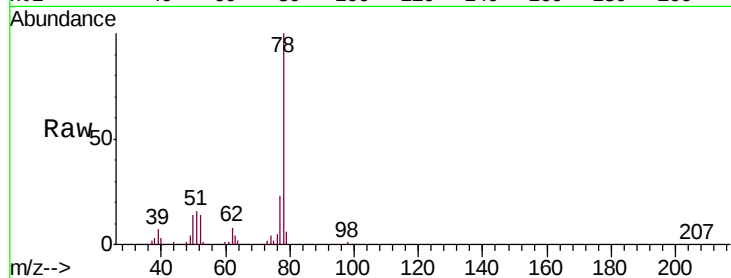
VU0308WBS01

Tgt Ion: 78 Resp: 128661

Ion Ratio Lower Upper

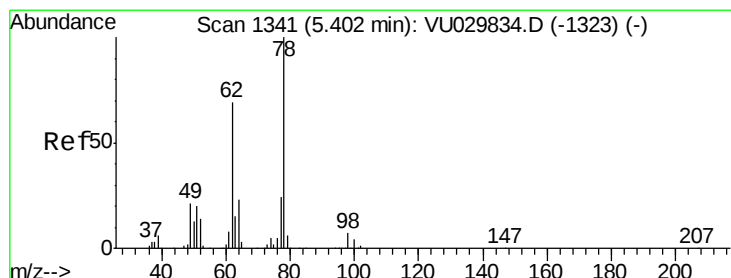
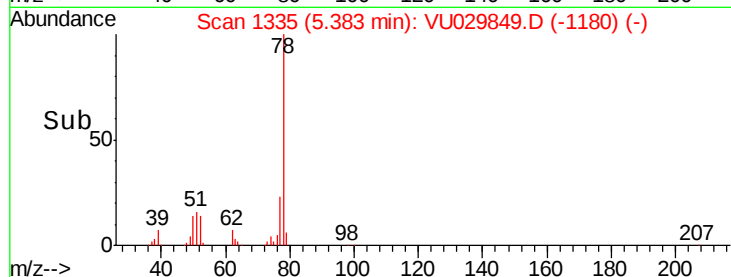
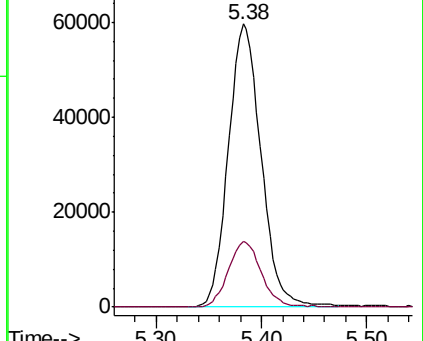
78 100

77 23.2 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.866 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029849.D

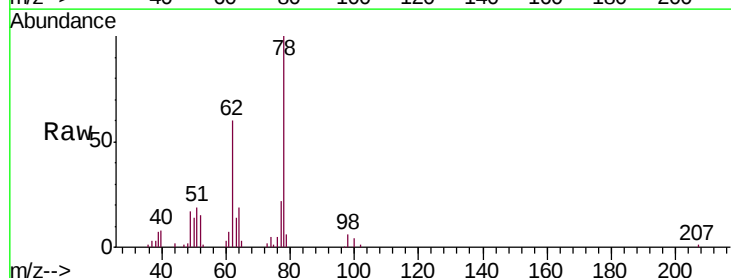
Acq: 07 Mar 2019 12:11

Tgt Ion: 62 Resp: 34612

Ion Ratio Lower Upper

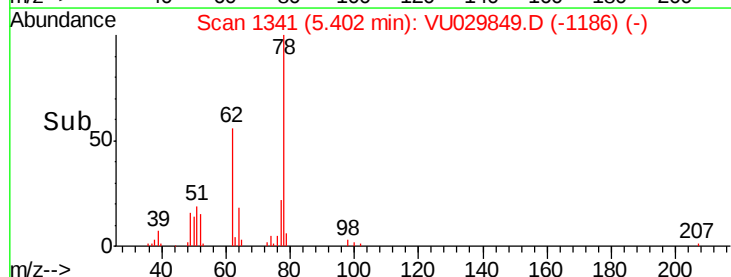
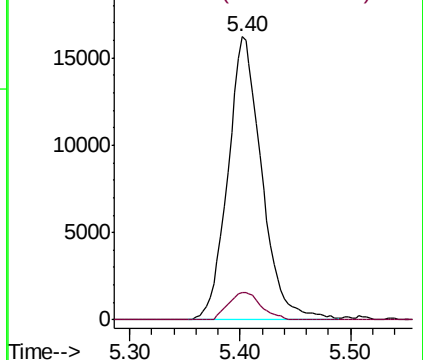
62 100

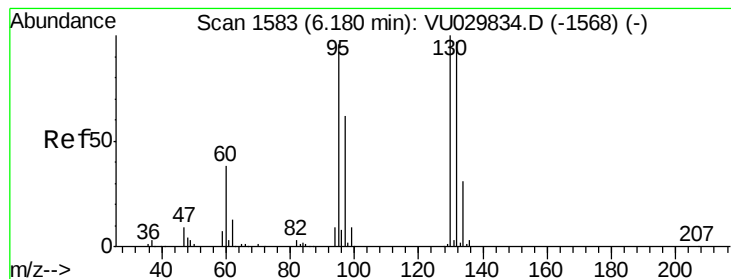
98 9.3 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.891 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

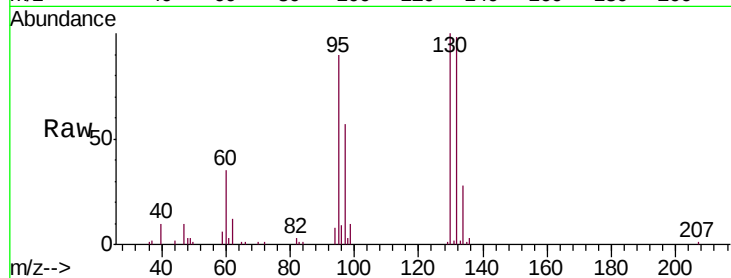
VU0308WBS01

Tgt Ion:130 Resp: 37495

Ion Ratio Lower Upper

130 100

95 90.3 76.6 114.8



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

Ion 94.90 (94.60 to 95.60): VU029834.D (-1568) (-)

6.18

20000

15000

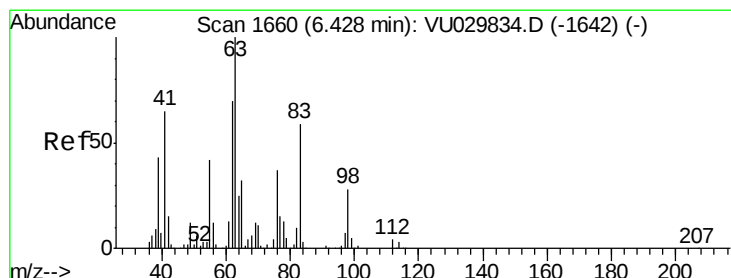
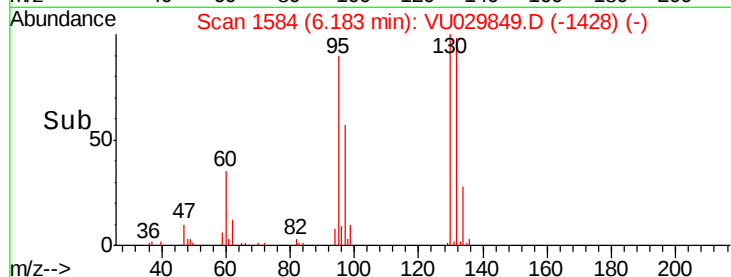
10000

5000

0

6.10 6.20 6.30

Time-->



#38

1,2-Dichloropropane

Concen: 1.885 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029849.D

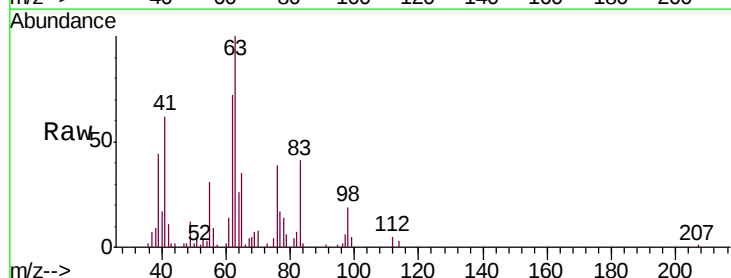
Acq: 07 Mar 2019 12:11

Tgt Ion: 63 Resp: 32393

Ion Ratio Lower Upper

63 100

65 34.8 25.4 38.2



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

Ion 65.00 (64.70 to 65.70): VU029834.D (-1642) (-)

6.43

15000

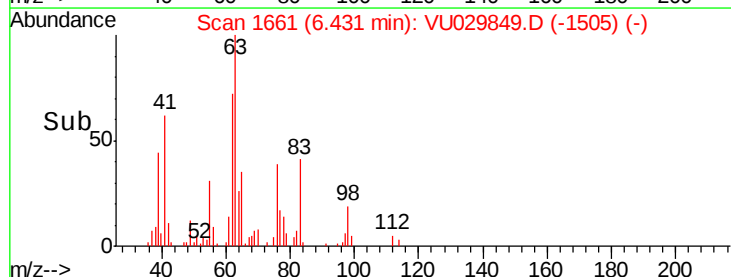
10000

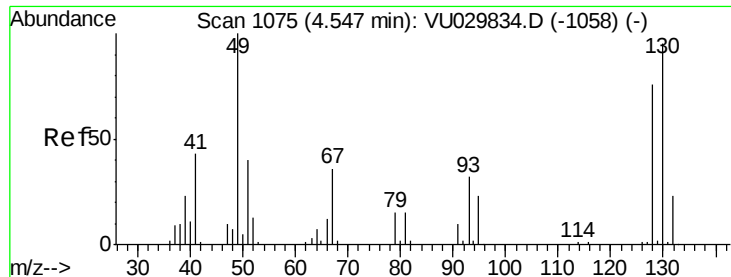
5000

0

6.35 6.40 6.45 6.50

Time-->

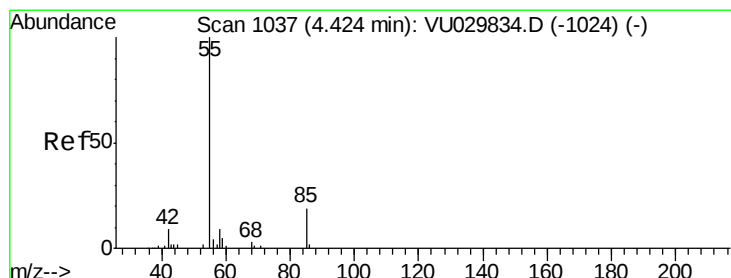
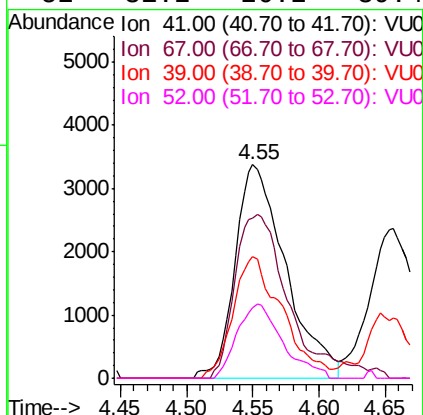
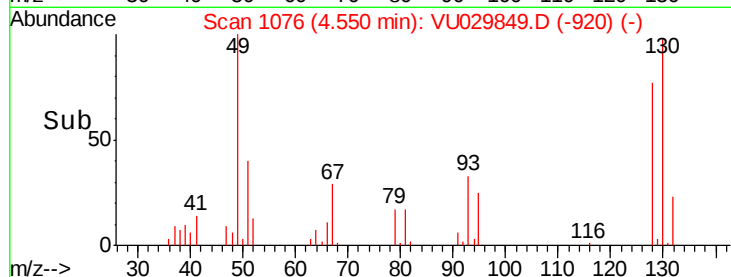
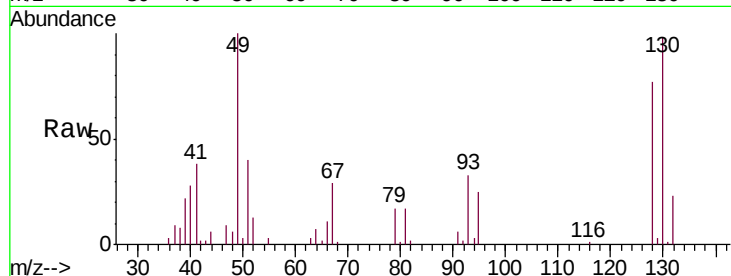




#39
Methacrylonitrile
Concen: 1.830 ug/l
RT: 4.55 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

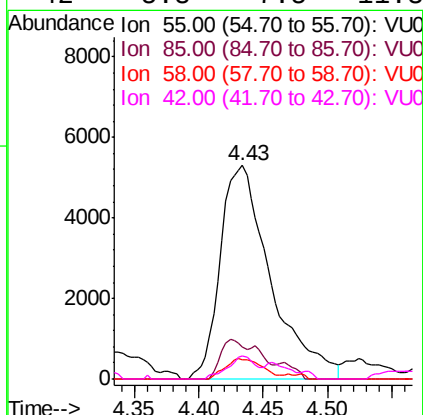
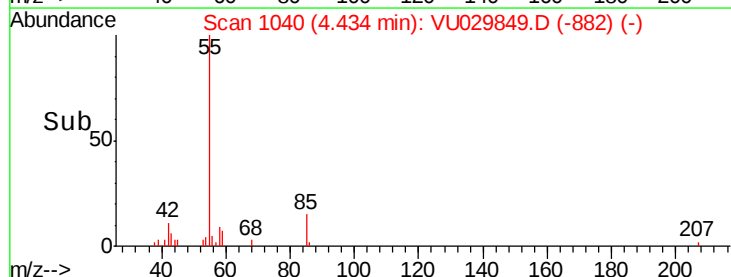
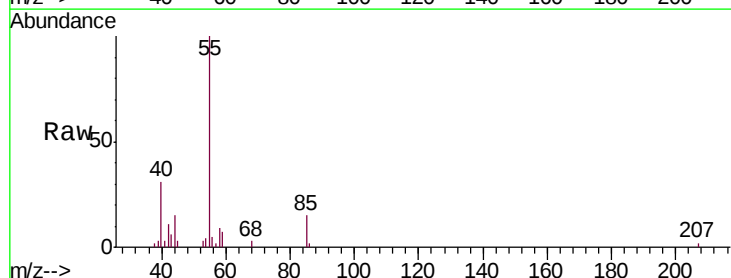
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

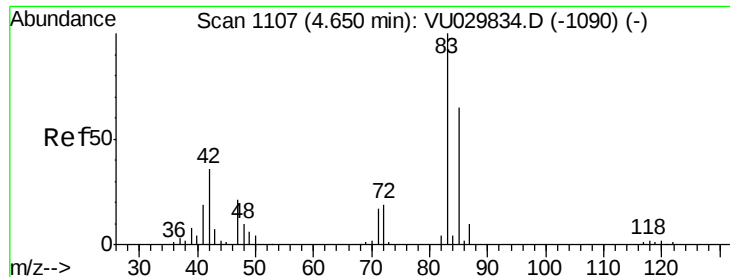
Tgt Ion: 41 Resp: 8983
Ion Ratio Lower Upper
41 100
67 81.4 68.4 102.6
39 55.4 42.6 63.8
52 31.2 26.2 39.4



#40
Methyl acrylate
Concen: 1.856 ug/l
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 55 Resp: 14403
Ion Ratio Lower Upper
55 100
85 8.8 15.2 22.8#
58 7.1 7.6 11.4#
42 5.8 7.5 11.3#

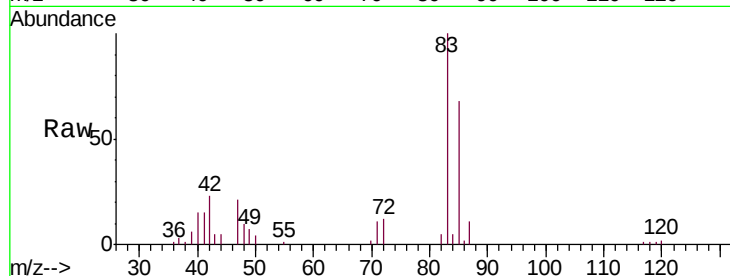




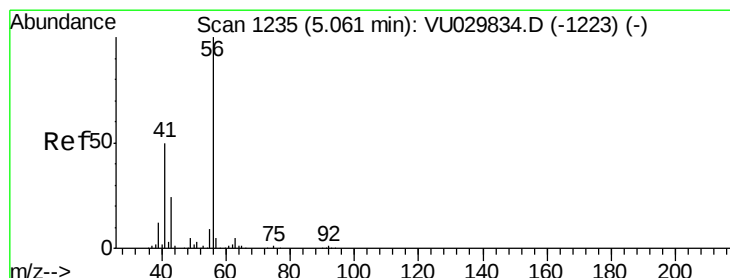
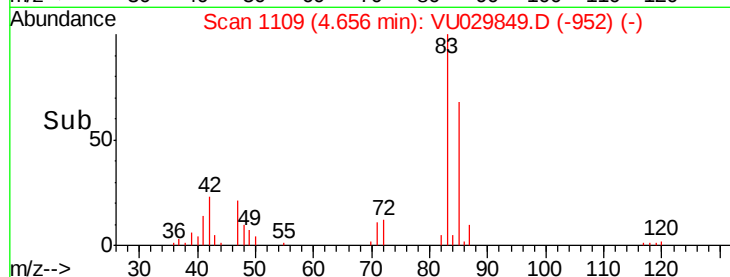
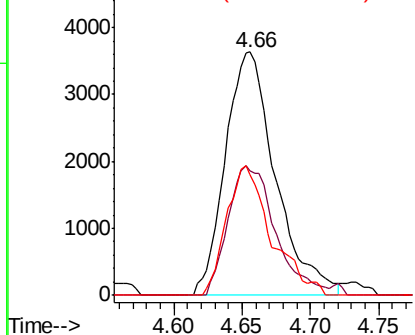
#41
Tetrahydrofuran
Concen: 3.620 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

Tgt Ion: 42 Resp: 9295
Ion Ratio Lower Upper
42 100
72 50.3 43.6 65.4
71 47.4 37.5 56.3

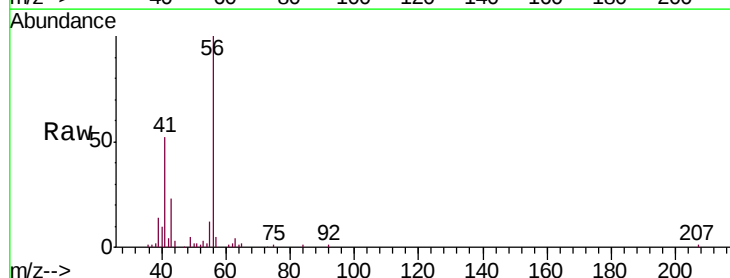


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

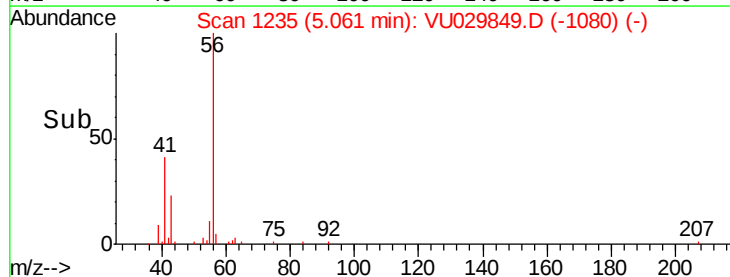
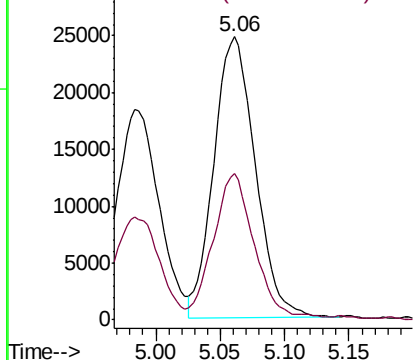


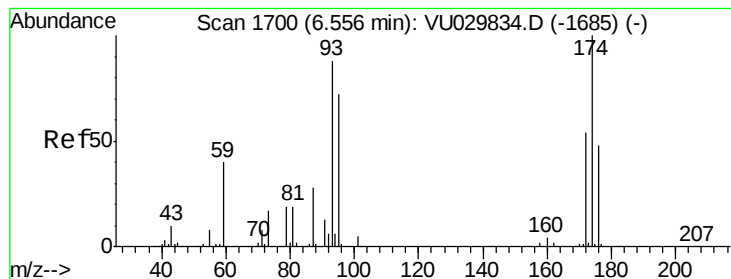
#42
1-Chlorobutane
Concen: 1.884 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 56 Resp: 55478
Ion Ratio Lower Upper
56 100
41 48.0 25.0 75.0



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





#43

Dibromomethane

Concen: 1.884 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBS01

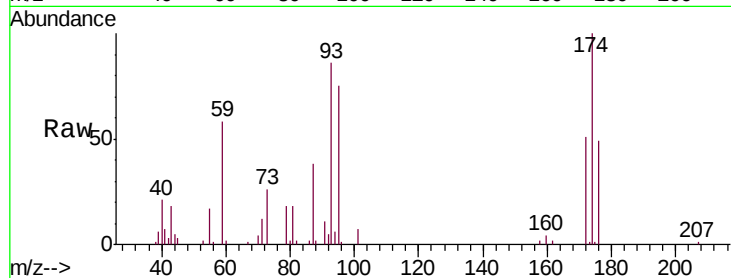
Tgt Ion: 93 Resp: 16783

Ion Ratio Lower Upper

93 100

95 88.3 67.0 100.6

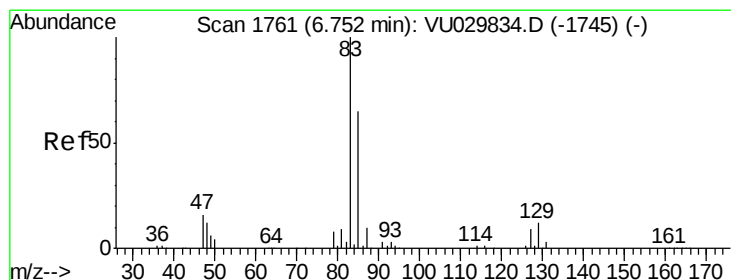
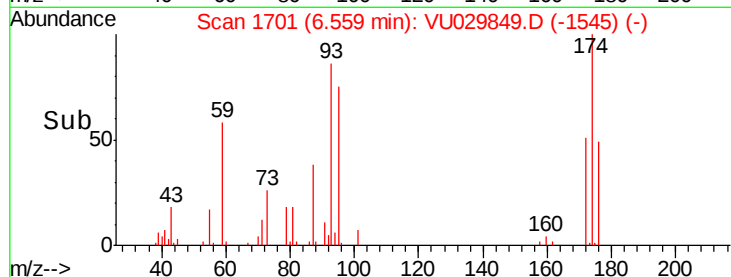
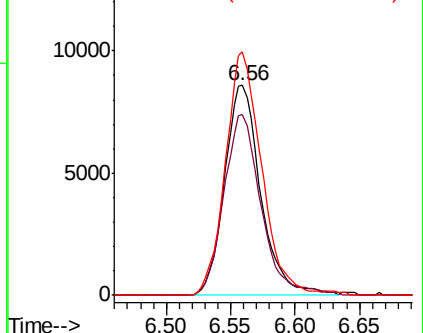
174 115.4 91.4 137.2



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: 1.848 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

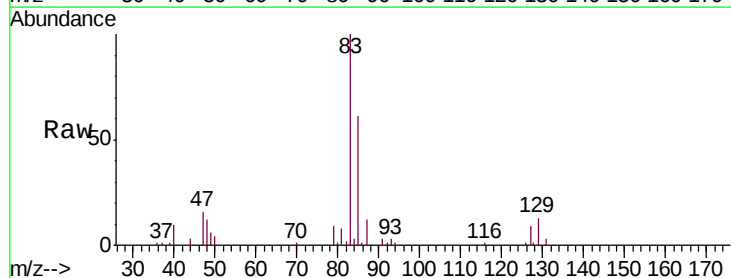
Tgt Ion: 83 Resp: 40428

Ion Ratio Lower Upper

83 100

85 60.7 51.7 77.5

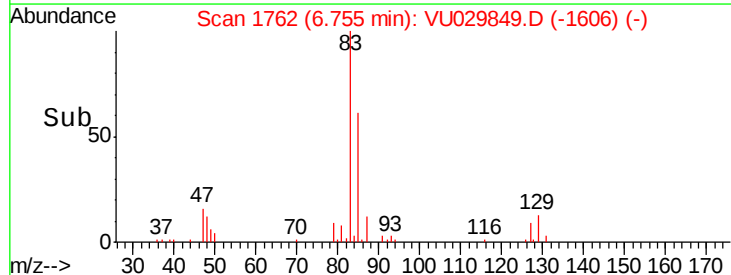
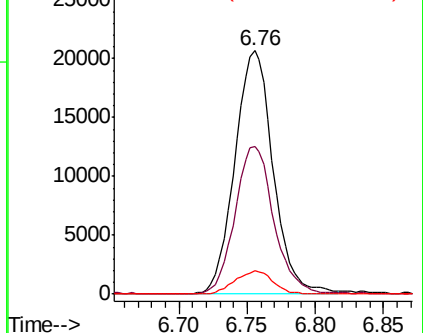
127 9.4 7.4 11.2

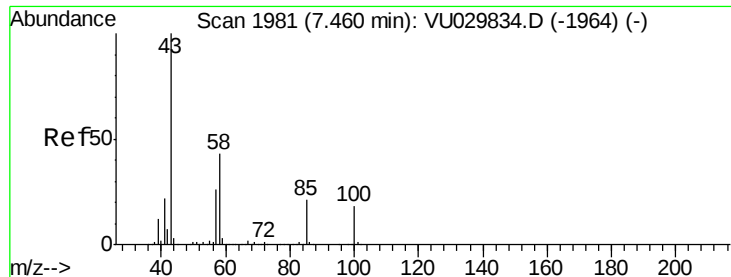


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

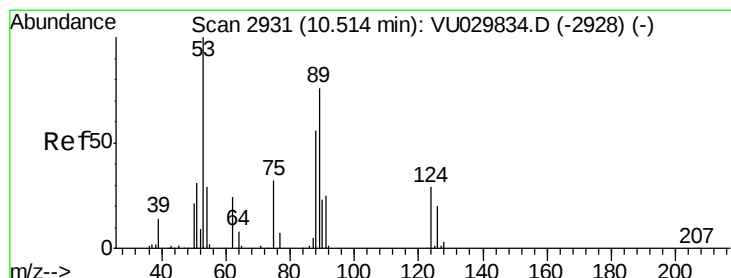
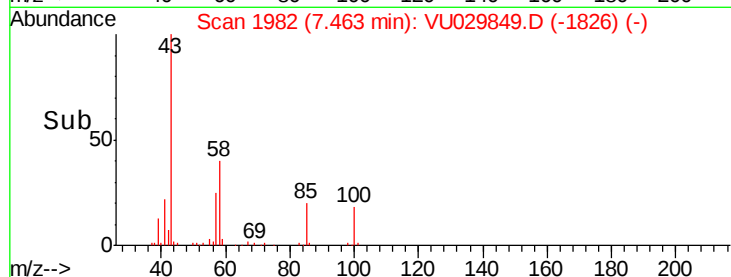
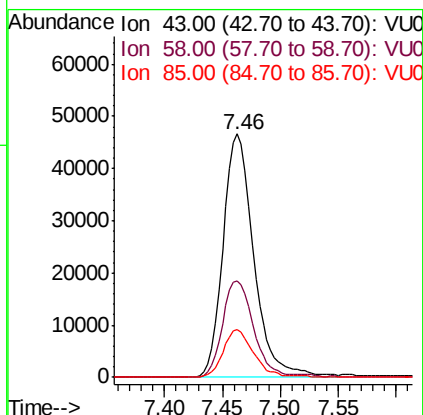
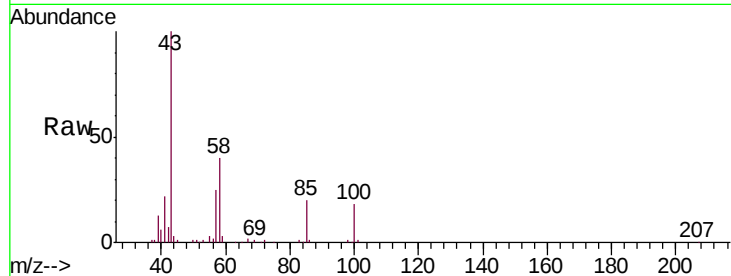




#45
 4-Methyl-2-Pentanone
 Concen: 9.289 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

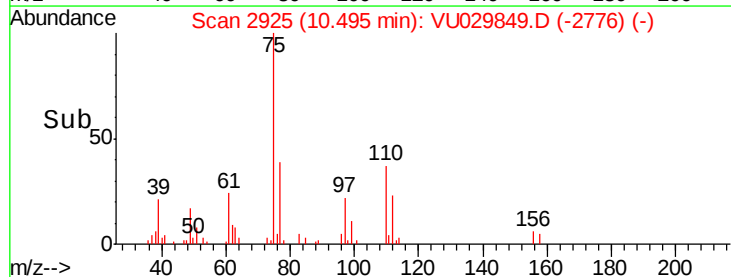
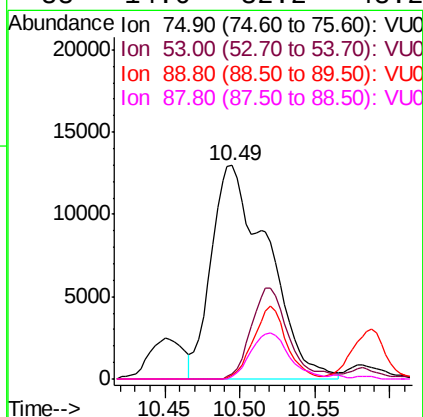
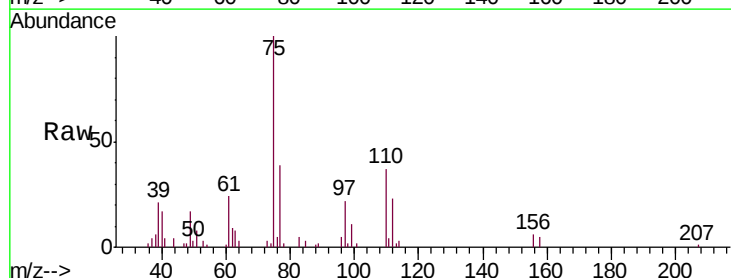
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

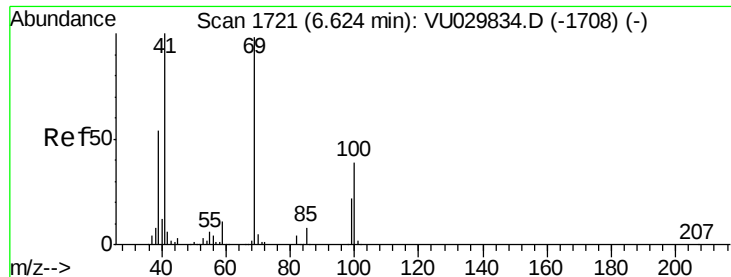
Tgt Ion: 43 Resp: 86305
 Ion Ratio Lower Upper
 43 100
 58 40.4 21.6 65.0
 85 19.5 16.5 24.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 8.780 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion: 75 Resp: 34102
 Ion Ratio Lower Upper
 75 100
 53 28.3 59.2 88.8#
 89 20.0 44.9 67.3#
 88 14.6 32.2 48.2#

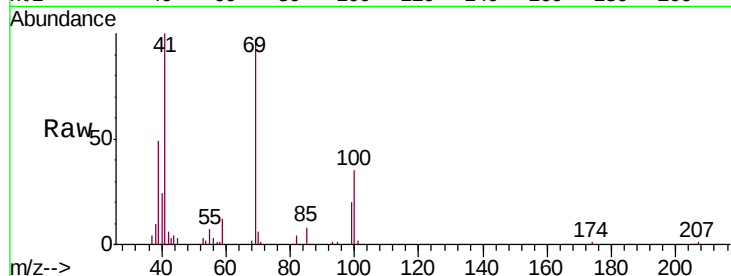




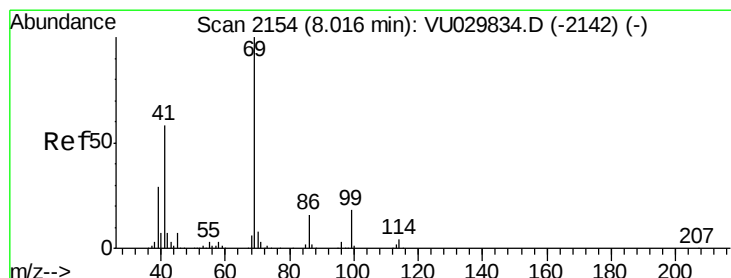
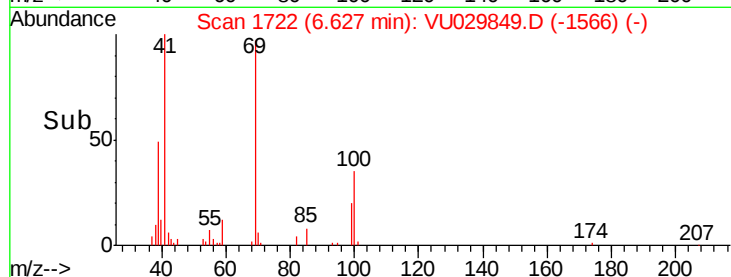
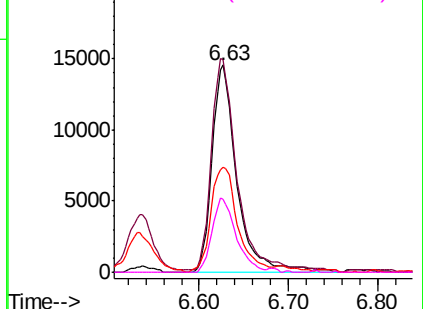
#47
Methyl methacrylate
Concen: 3.684 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

Tgt Ion: 69 Resp: 28158
Ion Ratio Lower Upper
69 100
41 100.8 0.0 201.0
39 54.1 43.3 64.9
100 34.4 31.5 47.3

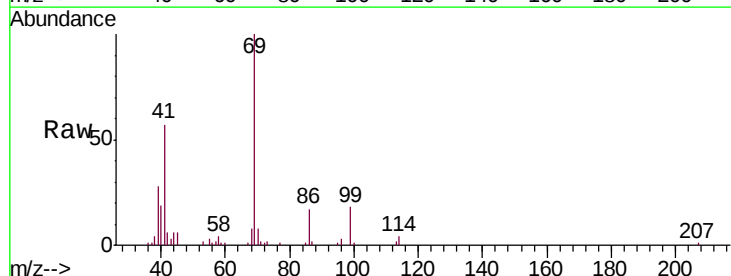


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

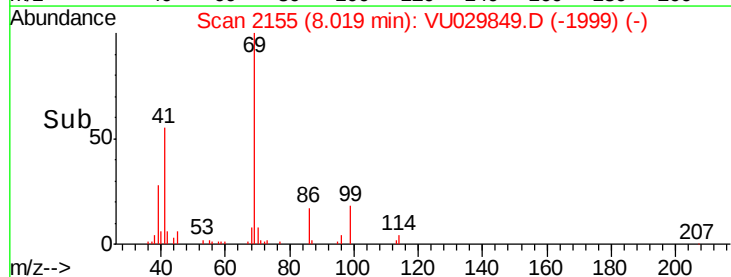
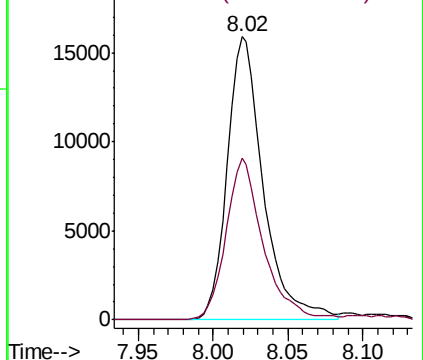


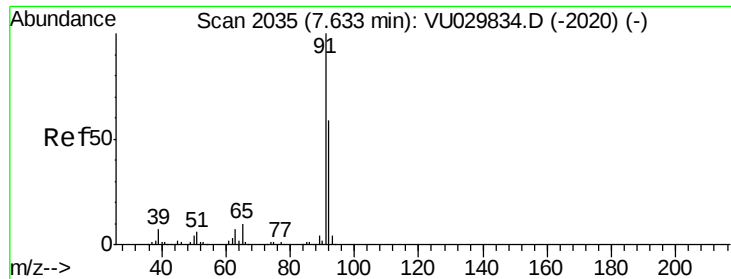
#48
Ethyl methacrylate
Concen: 1.822 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 69 Resp: 26680
Ion Ratio Lower Upper
69 100
41 59.0 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: 1.847 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

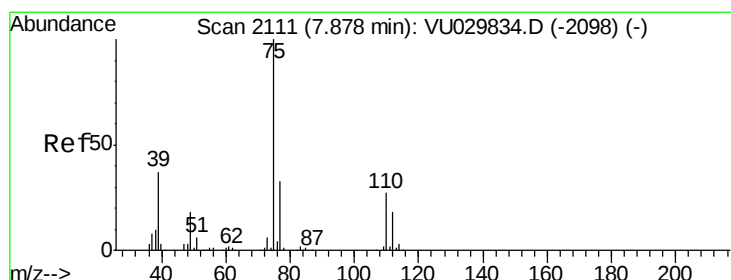
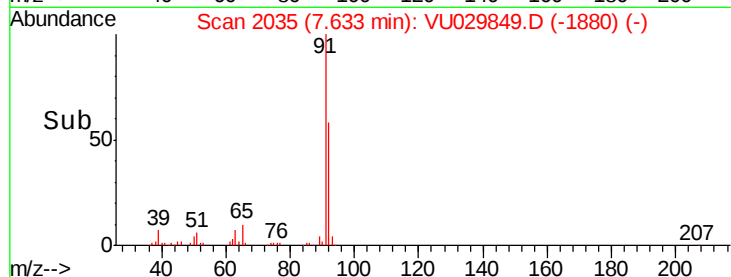
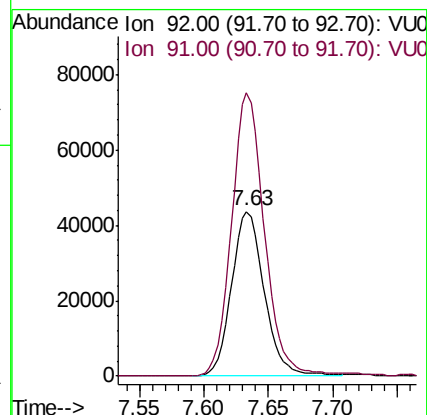
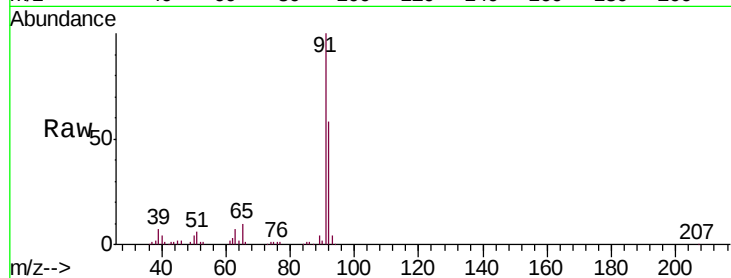
VU0308WBS01

Tgt Ion: 92 Resp: 77031

Ion Ratio Lower Upper

92 100

91 172.1 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 1.777 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029849.D

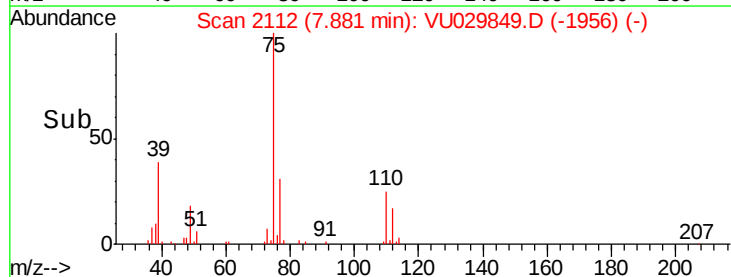
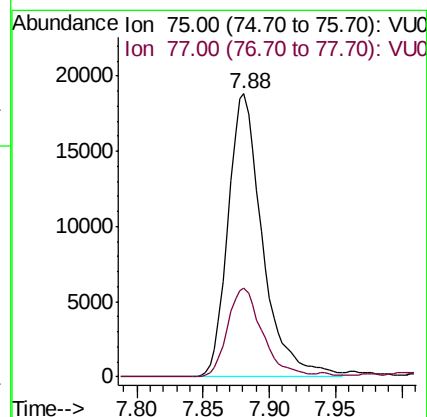
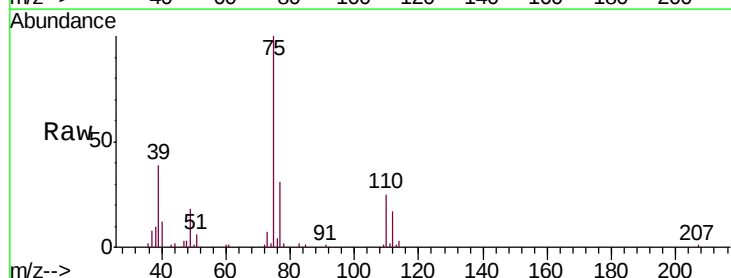
Acq: 07 Mar 2019 12:11

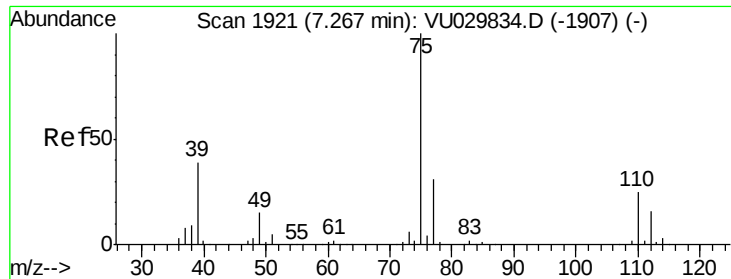
Tgt Ion: 75 Resp: 34062

Ion Ratio Lower Upper

75 100

77 31.2 26.4 39.6



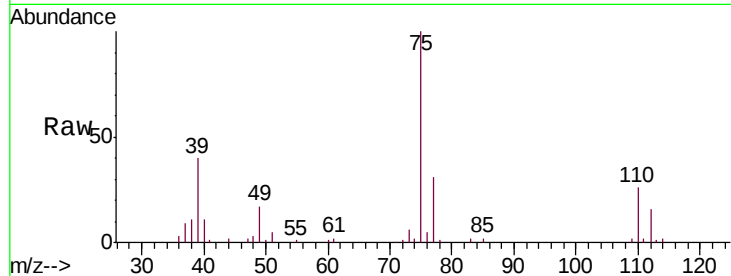


#51

cis-1,3-Dichloropropene
Concen: 1.804 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.9	37.3
39	39.8	30.8	46.2

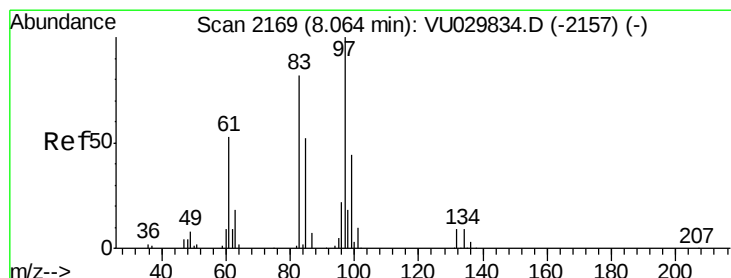
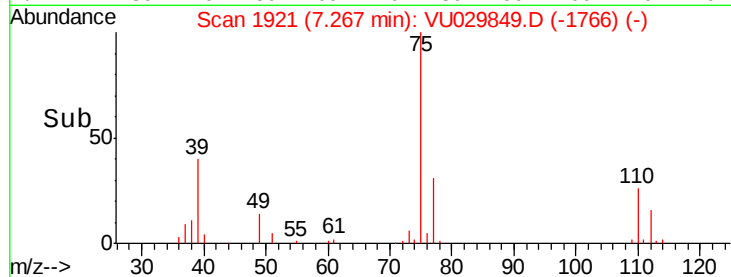
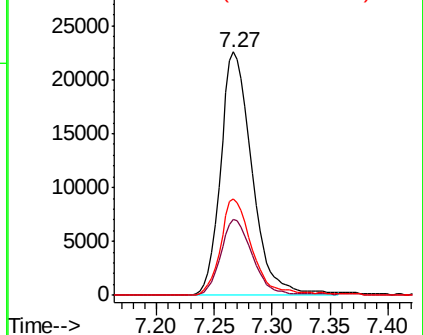


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

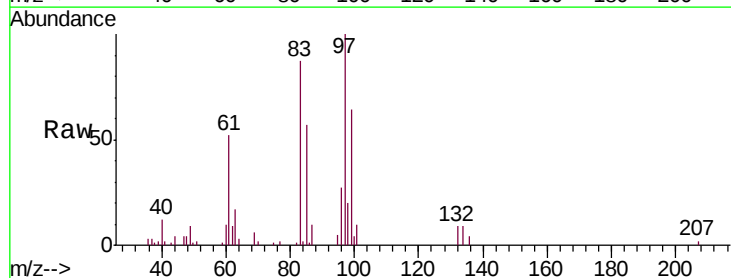
Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane
Concen: 1.808 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.9	98.9
85	56.1	43.0	64.6
99	64.2	49.7	74.5



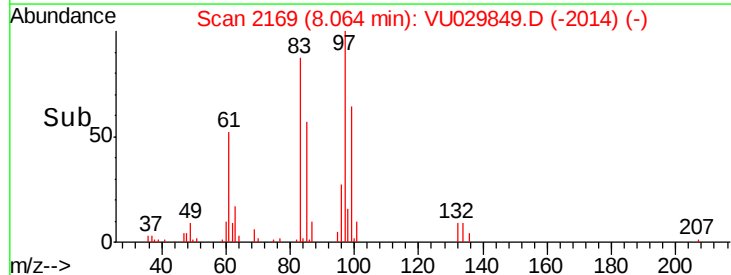
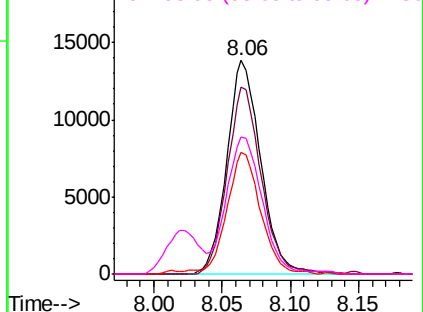
Abundance

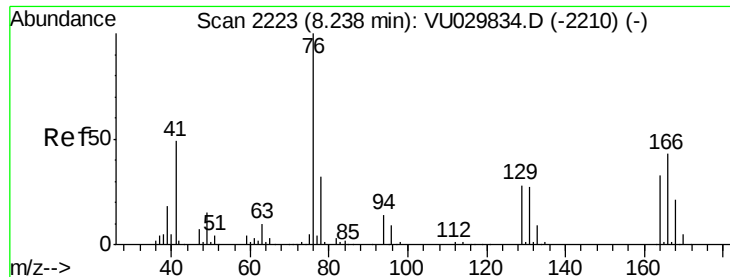
Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0

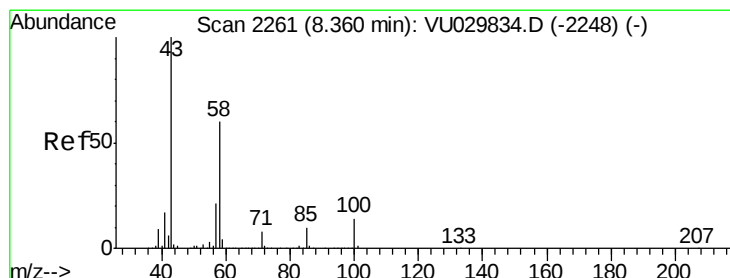
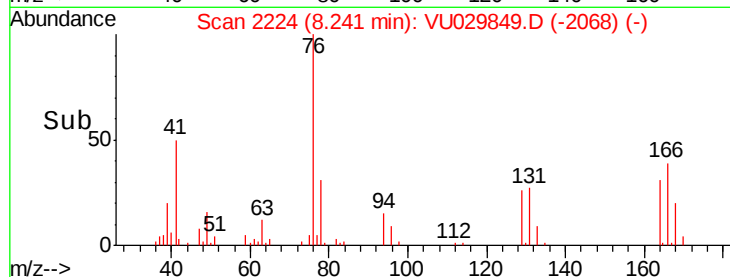
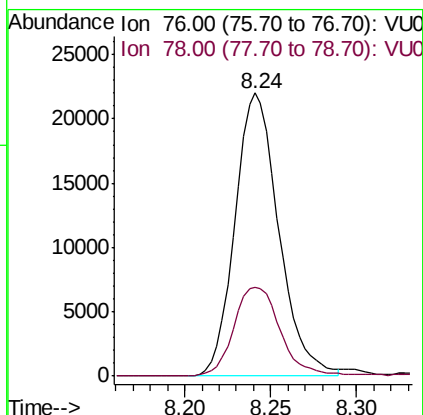
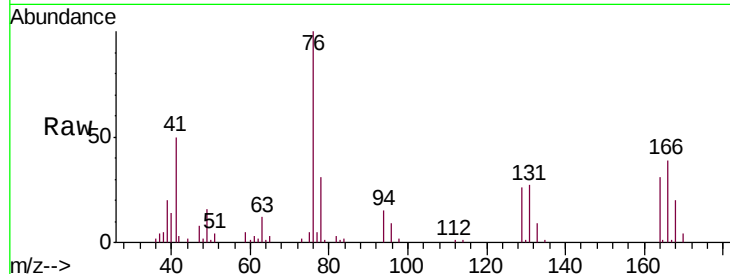




#53
 1,3-Dichloropropane
 Concen: 1.801 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

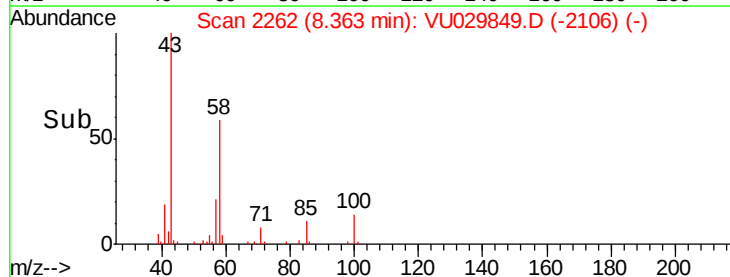
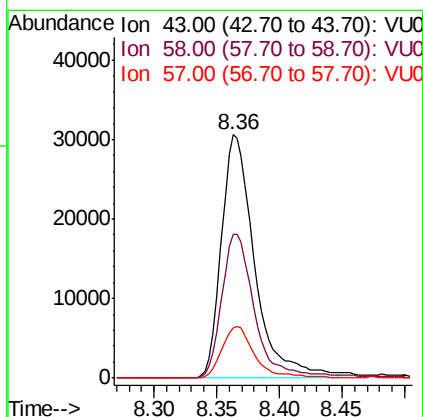
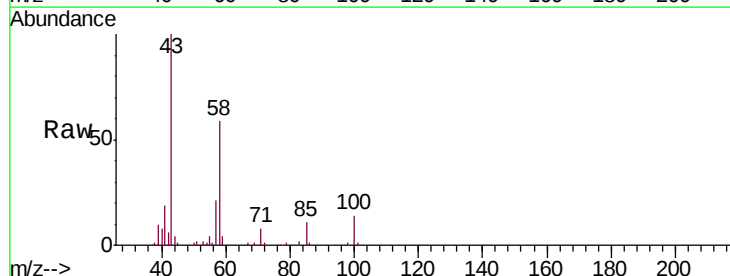
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

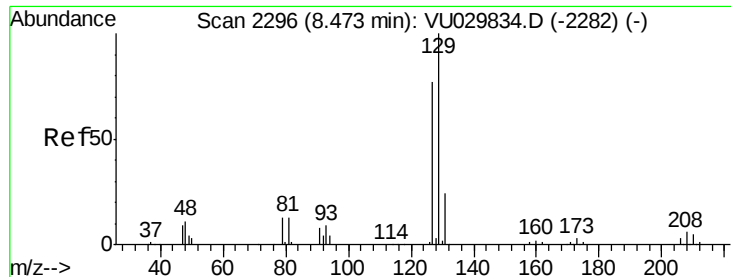
Tgt Ion: 76 Resp: 38953
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.7 38.5



#54
 2-Hexanone
 Concen: 8.741 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion: 43 Resp: 56401
 Ion Ratio Lower Upper
 43 100
 58 57.3 39.6 79.6
 57 20.9 0.5 40.5

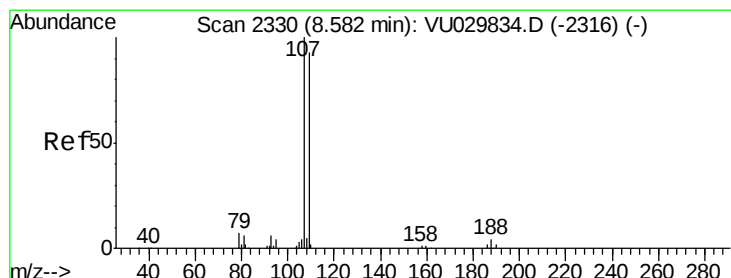
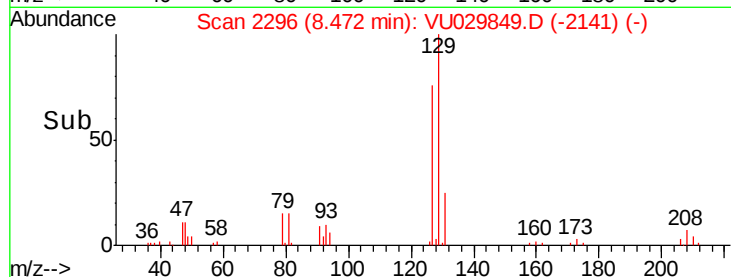
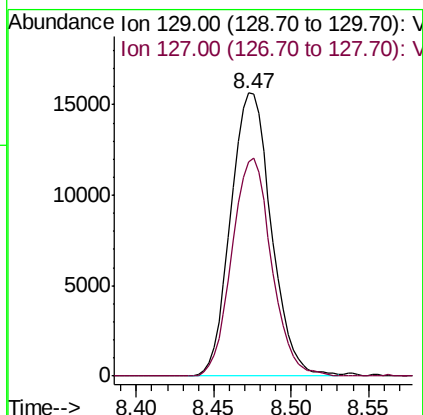
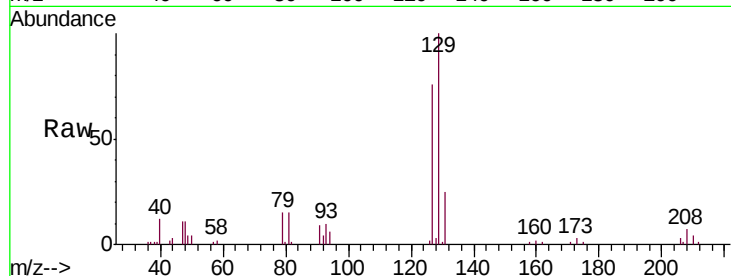




#55
 Dibromochloromethane
 Concen: 1.823 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

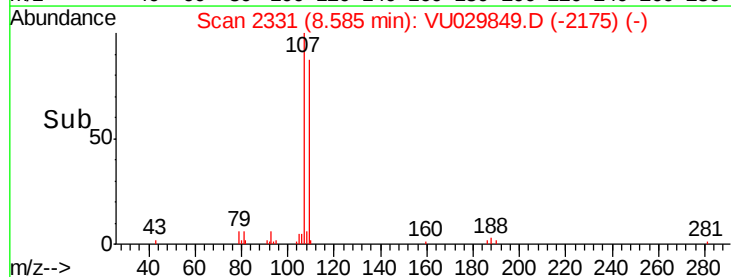
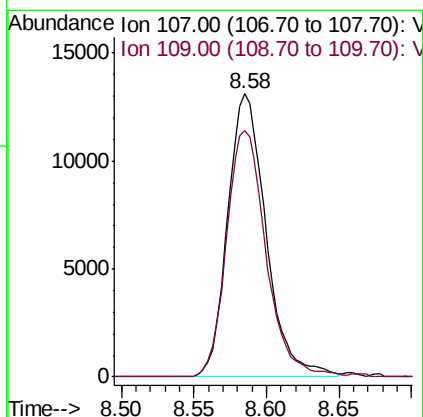
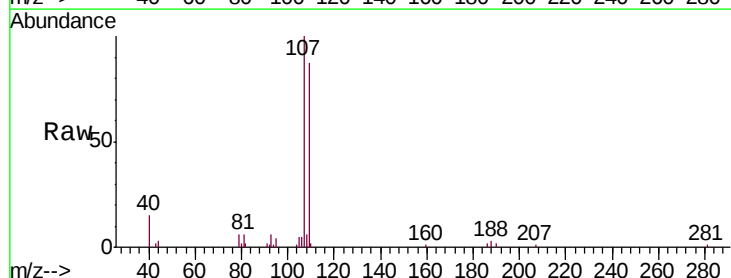
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

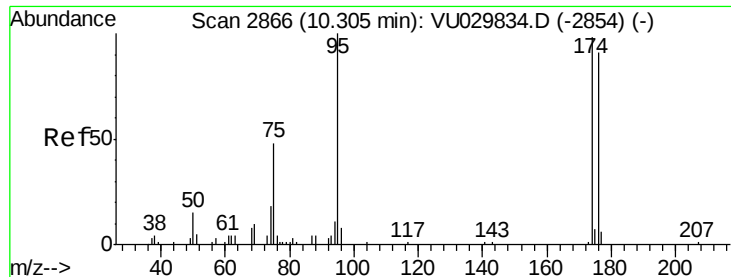
Tgt Ion:129 Resp: 28535
 Ion Ratio Lower Upper
 129 100
 127 75.1 61.6 92.4



#56
 1,2-Dibromoethane
 Concen: 1.929 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion:107 Resp: 24116
 Ion Ratio Lower Upper
 107 100
 109 89.5 0.0 188.4

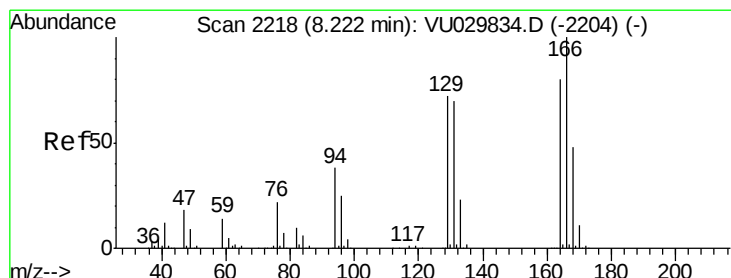
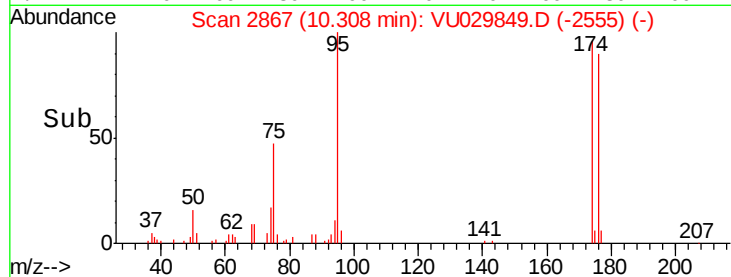
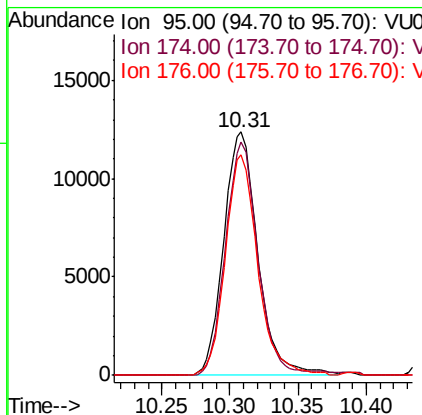
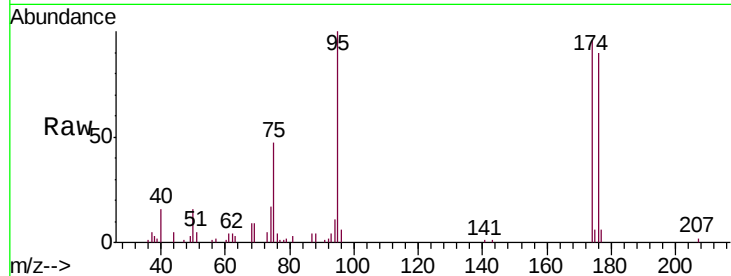




#57
4-Bromofluorobenzene
Concen: 1.929 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

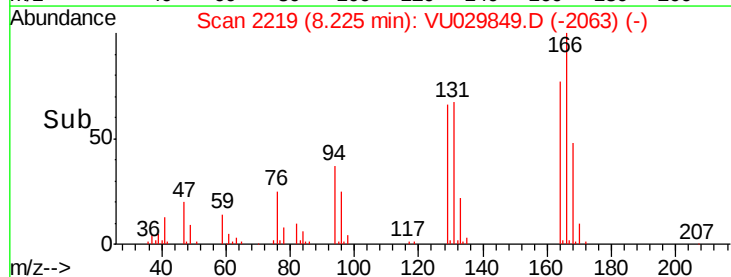
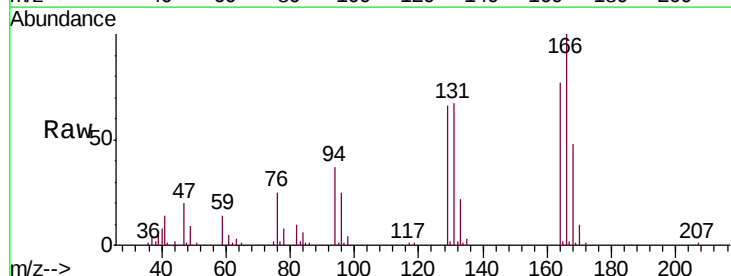
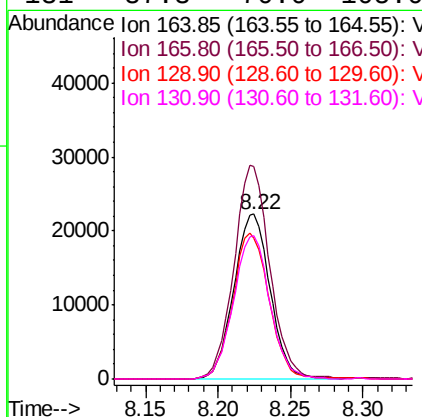
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

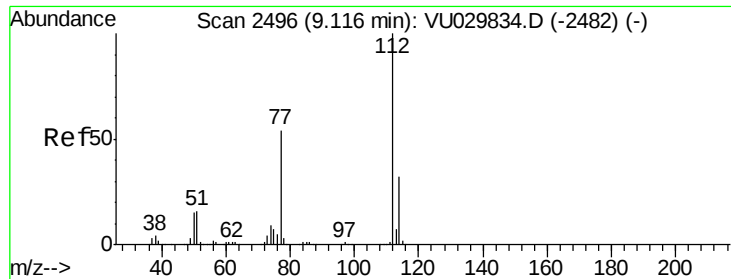
Tgt Ion: 95 Resp: 21568
Ion Ratio Lower Upper
95 100
174 90.6 76.5 114.7
176 86.0 74.2 111.2



#58
Tetrachloroethene
Concen: 1.907 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 164 Resp: 38622
Ion Ratio Lower Upper
164 100
166 129.4 100.5 150.7
129 85.8 72.3 108.5
131 87.3 70.0 105.0





#59

Chlorobenzene

Concen: 1.860 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

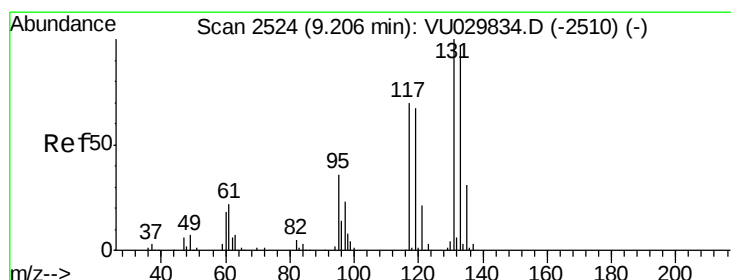
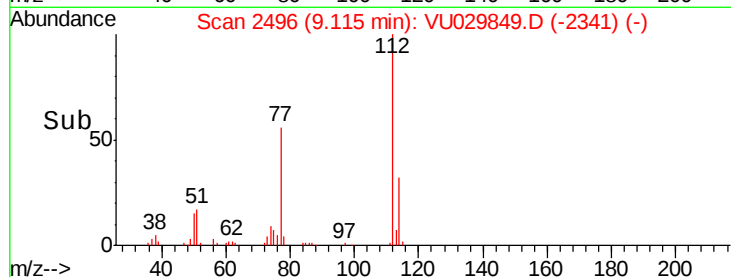
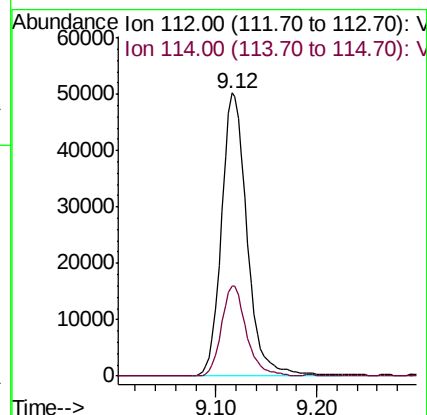
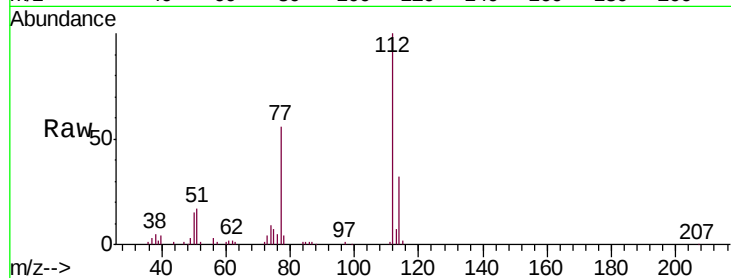
VU0308WBS01

Tgt Ion:112 Resp: 89143

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 1.851 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

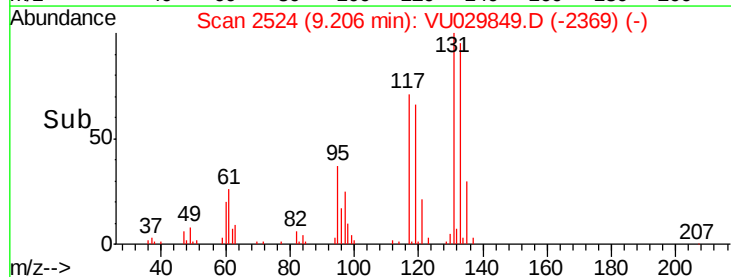
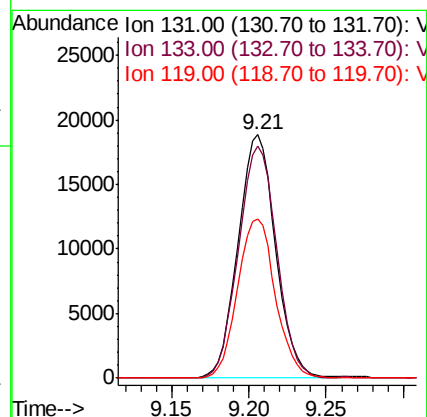
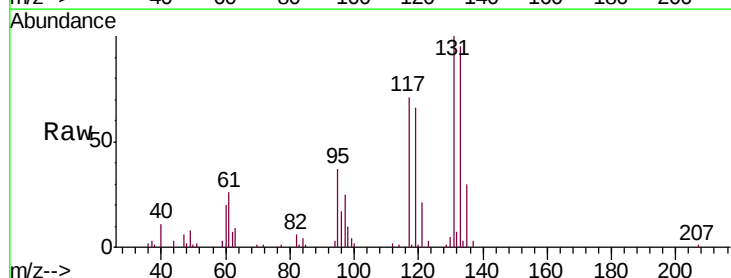
Tgt Ion:131 Resp: 31819

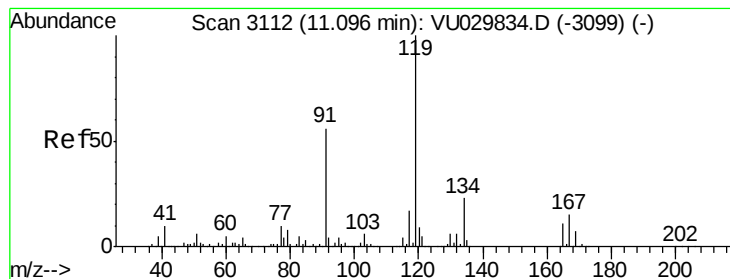
Ion Ratio Lower Upper

131 100

133 97.0 76.4 114.6

119 65.5 54.2 81.4





#61

Pentachloroethane

Concen: 1.768 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

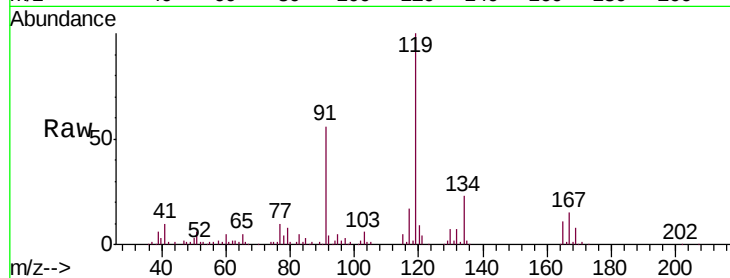
VU0308WBS01

Tgt Ion:117 Resp: 21161

Ion Ratio Lower Upper

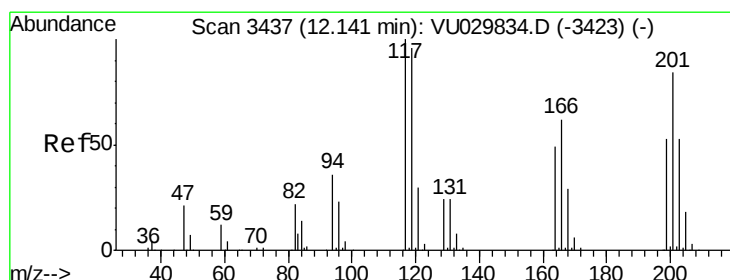
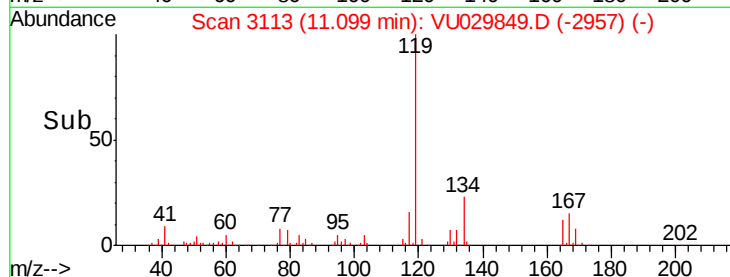
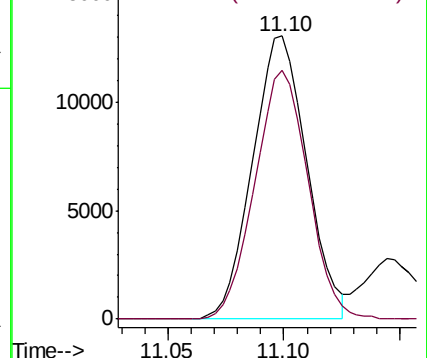
117 100

167 86.2 71.4 107.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.718 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029849.D

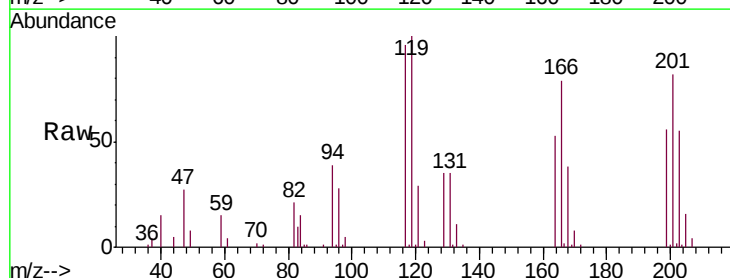
Acq: 07 Mar 2019 12:11

Tgt Ion:117 Resp: 21629

Ion Ratio Lower Upper

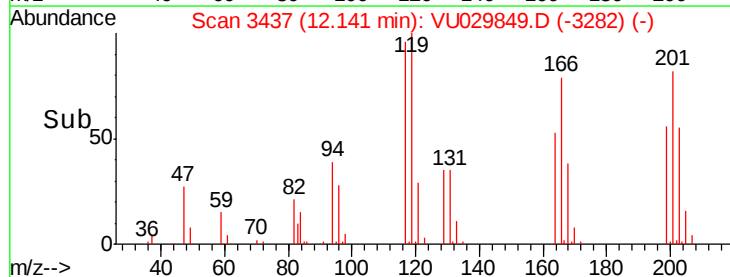
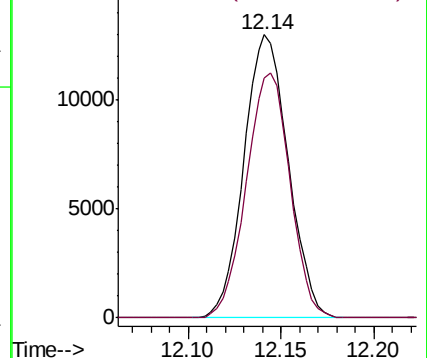
117 100

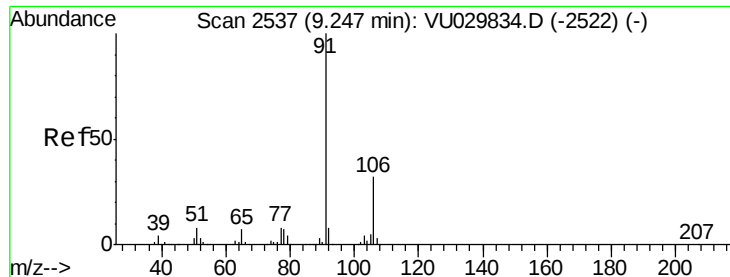
201 85.0 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

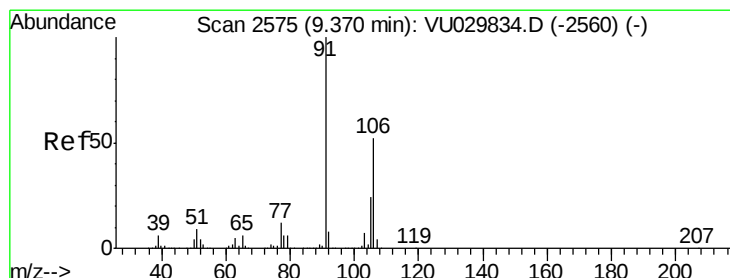
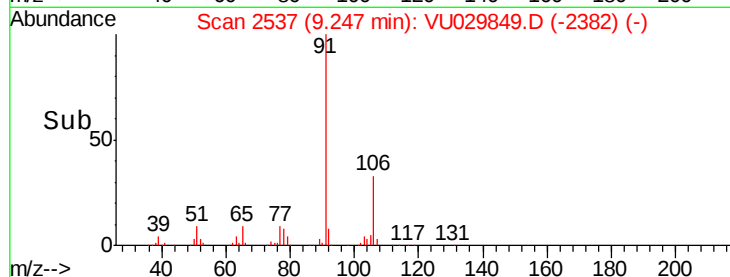
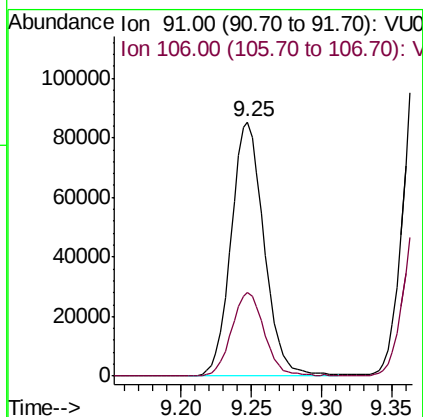
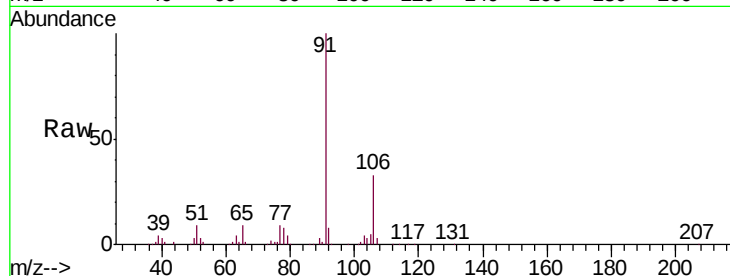




#63
Ethyl Benzene
Concen: 1.780 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

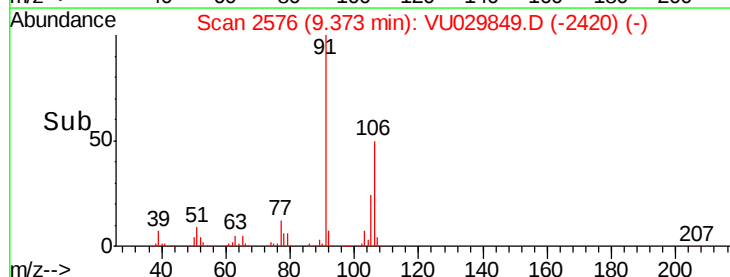
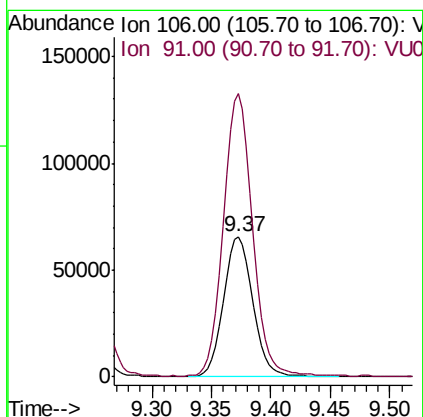
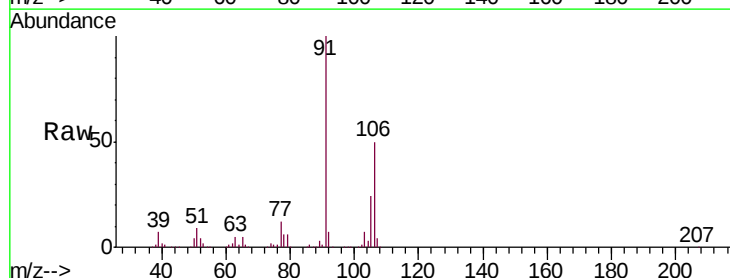
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

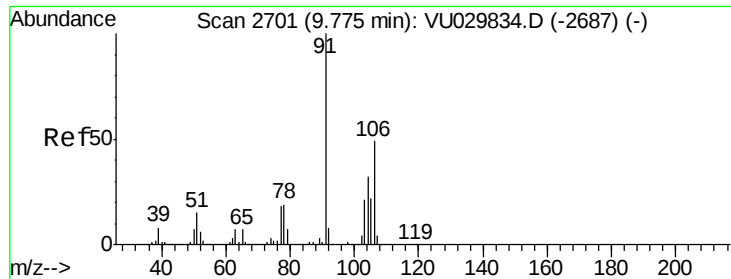
Tgt Ion: 91 Resp: 139719
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5



#64
m/p-Xylenes
Concen: 3.595 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion: 106 Resp: 111571
Ion Ratio Lower Upper
106 100
91 199.9 155.3 232.9





#65

o-Xylene

Concen: 1.852 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

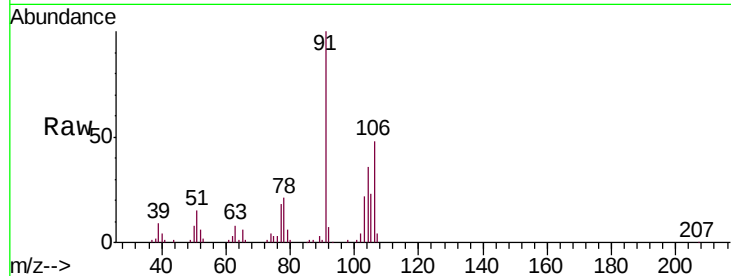
VU0308WBS01

Tgt Ion:106 Resp: 55190

Ion Ratio Lower Upper

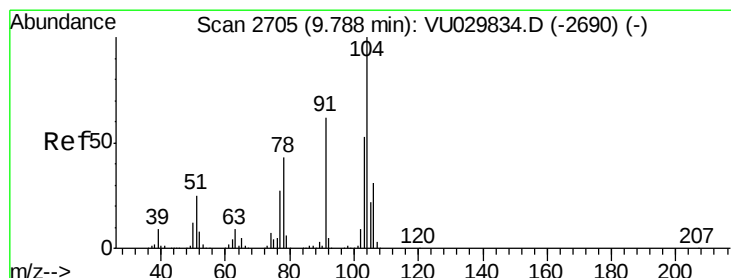
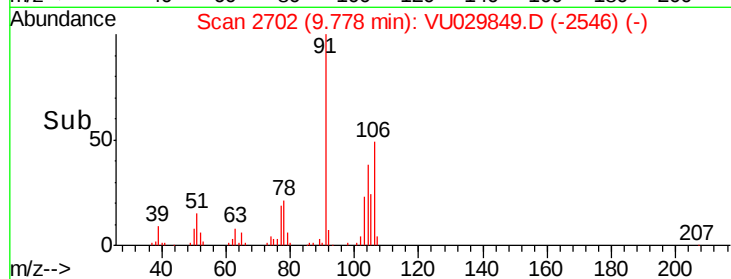
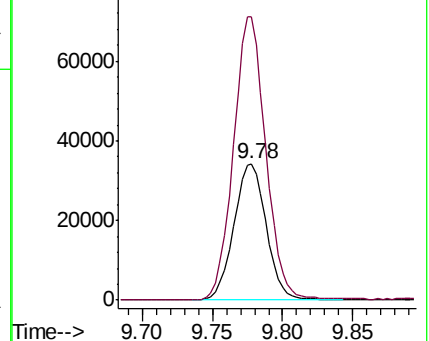
106 100

91 207.6 102.8 308.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.840 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

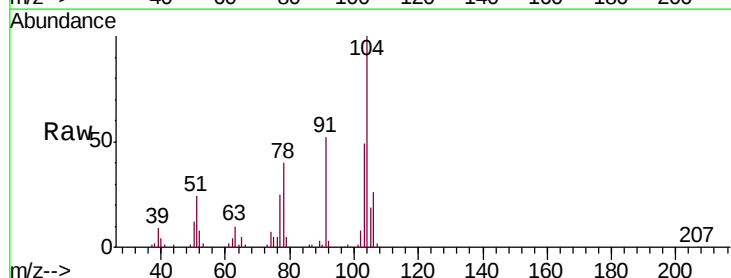
Tgt Ion:104 Resp: 91122

Ion Ratio Lower Upper

104 100

78 45.2 37.2 55.8

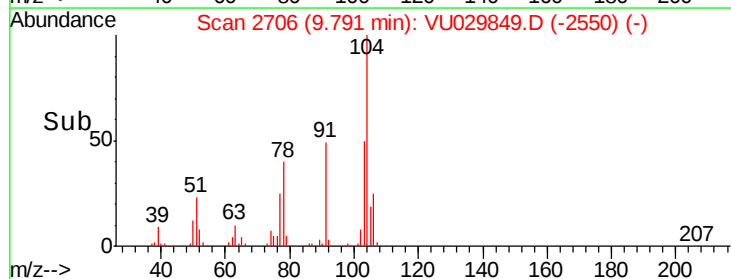
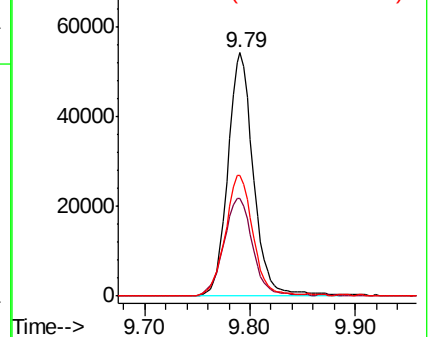
103 53.5 44.7 67.1

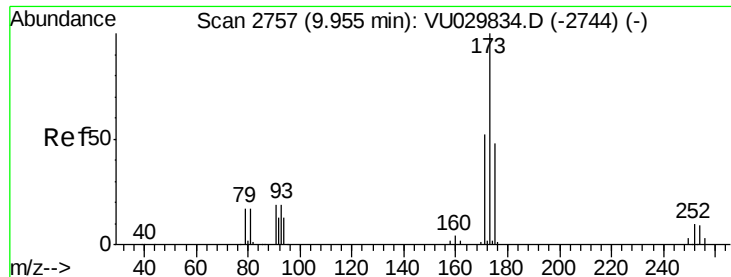


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.746 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VU0308WBS01

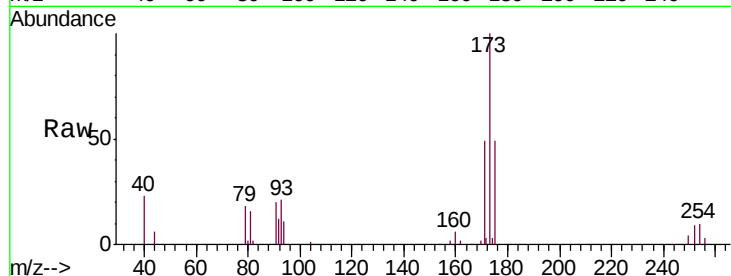
Tgt Ion:173 Resp: 16045

Ion Ratio Lower Upper

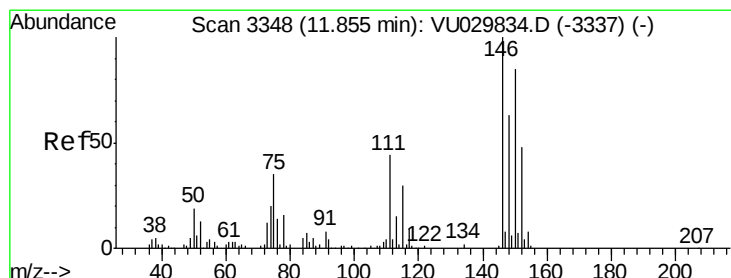
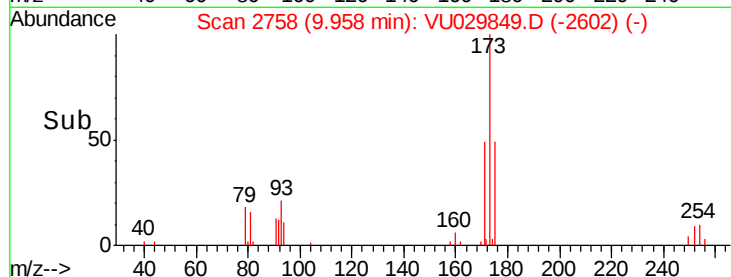
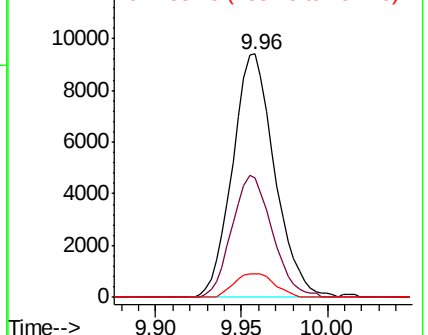
173 100

175 48.0 38.6 57.8

254 9.3 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: 1.746 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

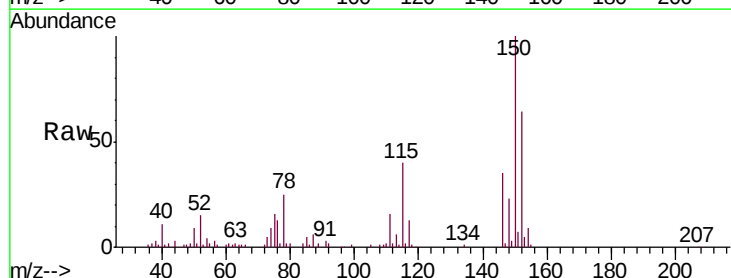
Tgt Ion:152 Resp: 24892

Ion Ratio Lower Upper

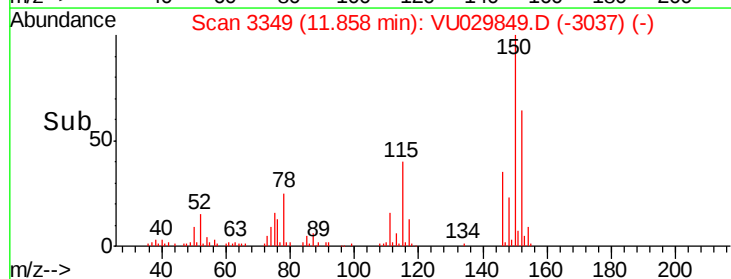
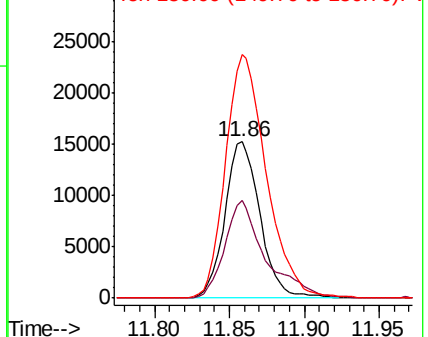
152 100

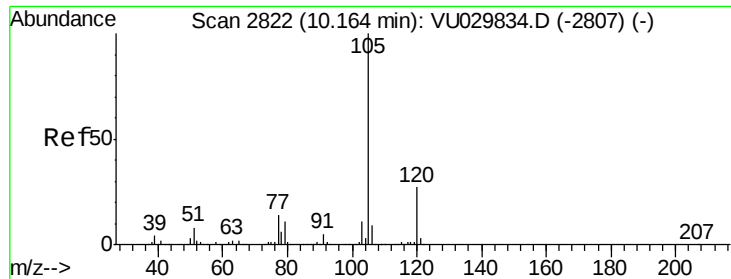
115 72.2 0.0 124.0

150 181.4 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: 1.832 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

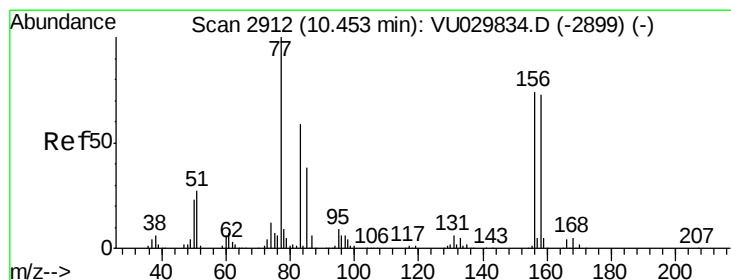
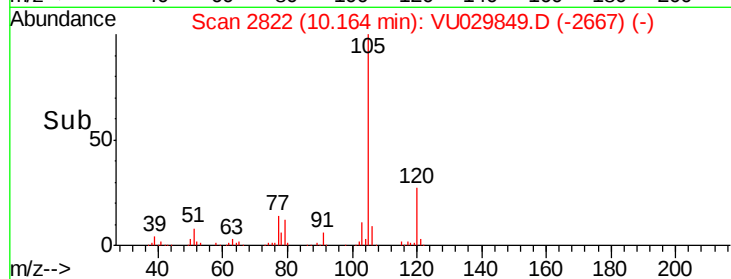
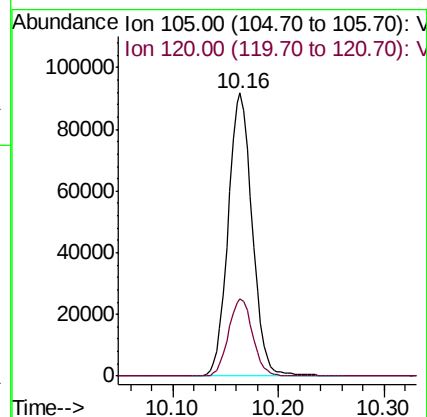
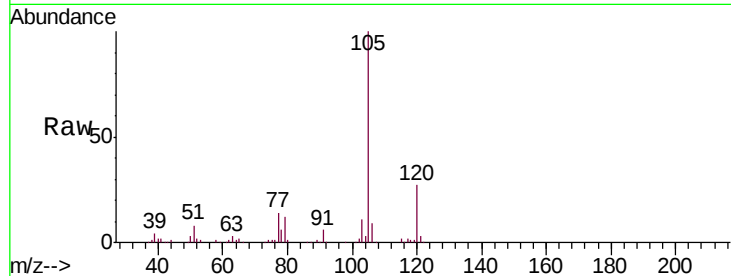
VU0308WBS01

Tgt Ion:105 Resp: 144776

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.862 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

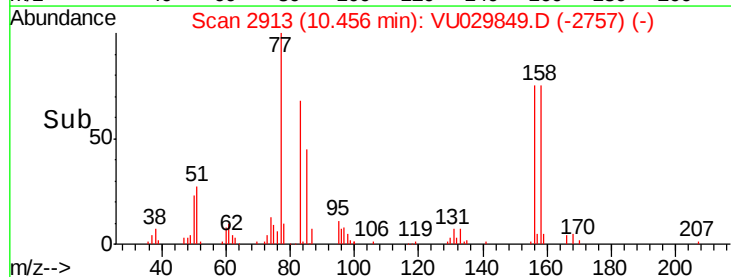
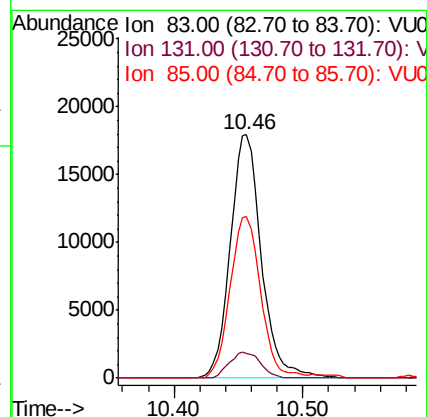
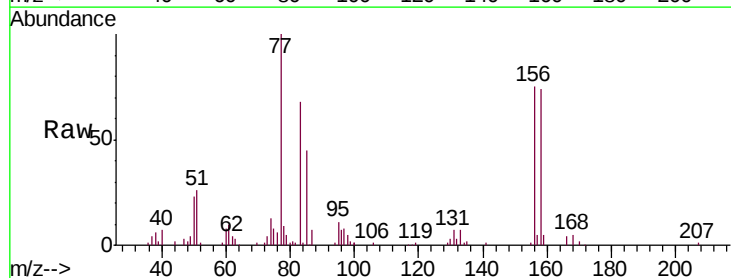
Tgt Ion: 83 Resp: 29945

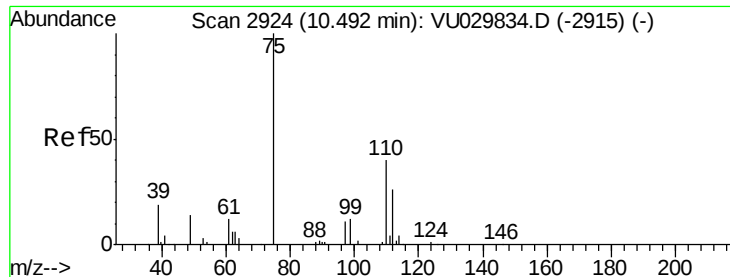
Ion Ratio Lower Upper

83 100

131 10.6 8.3 12.5

85 66.1 52.5 78.7

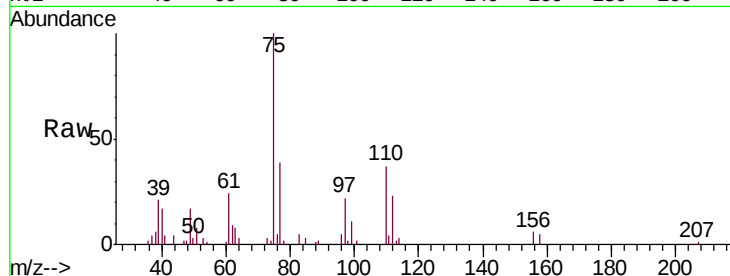




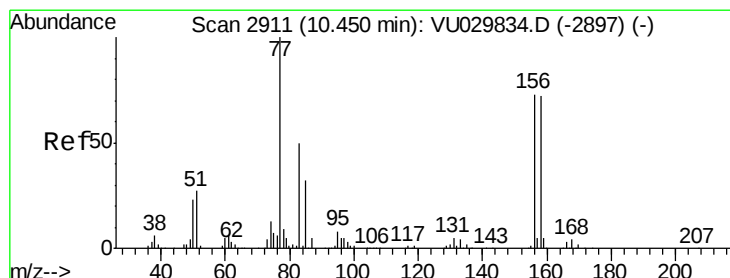
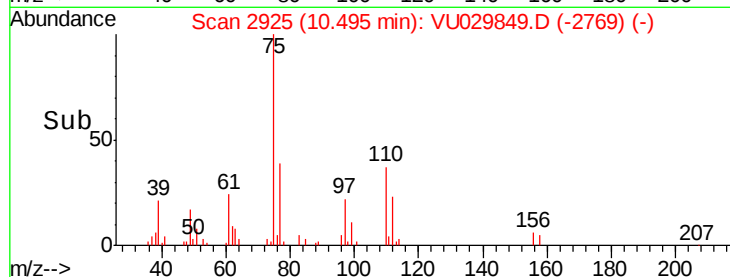
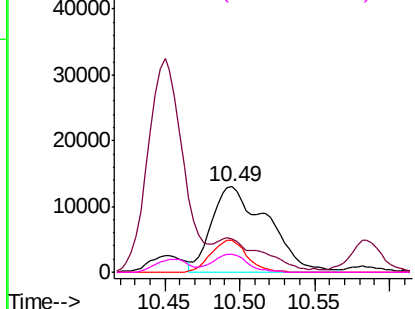
#71
 1,2,3-Trichloropropane
 Concen: 2.853 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

Tgt Ion:	75	Resp:	34102
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.4
110	23.8	0.0	74.8
97	13.1	0.0	39.4

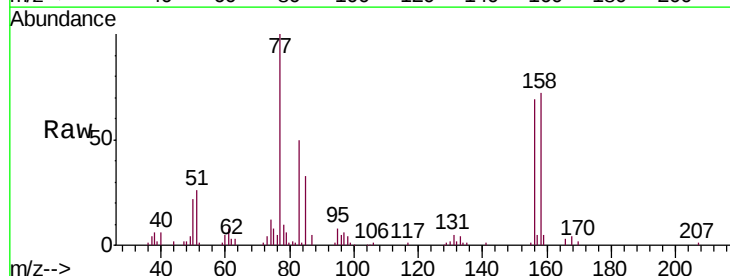


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

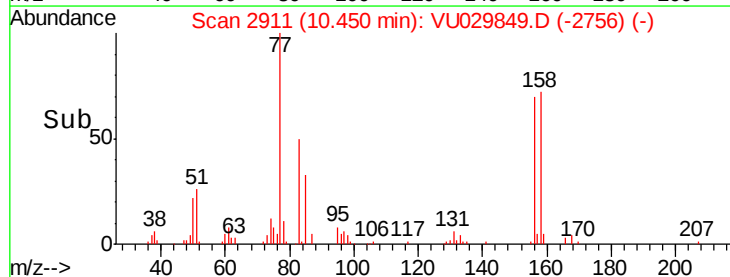
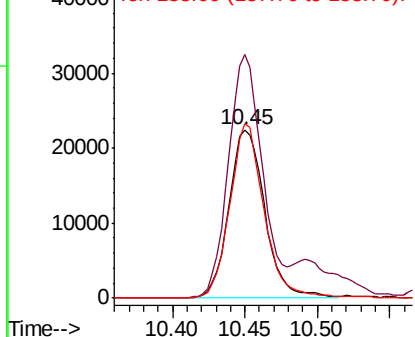


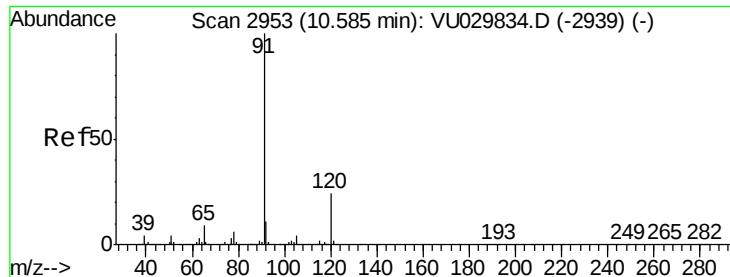
#72
 Bromobenzene
 Concen: 1.849 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion:	156	Resp:	38679
Ion	Ratio	Lower	Upper
156	100		
77	137.0	0.0	282.2
158	98.7	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

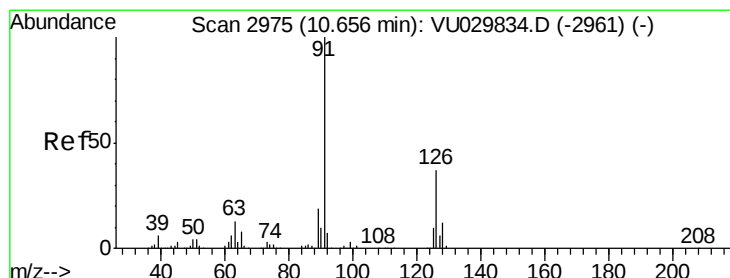
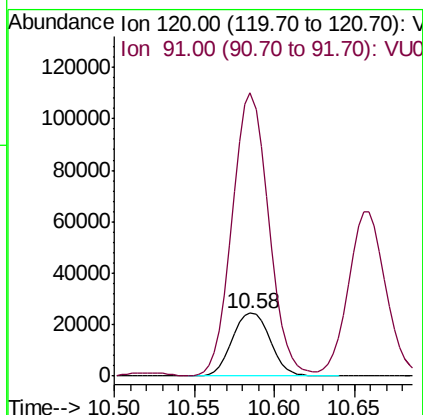
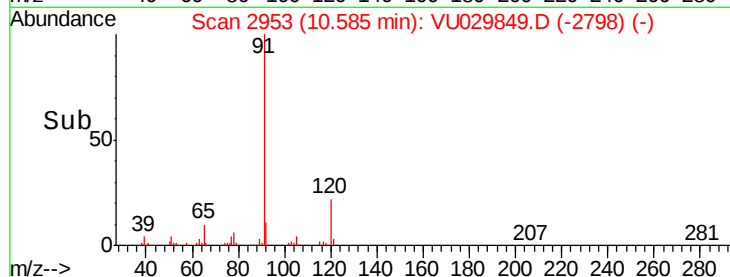
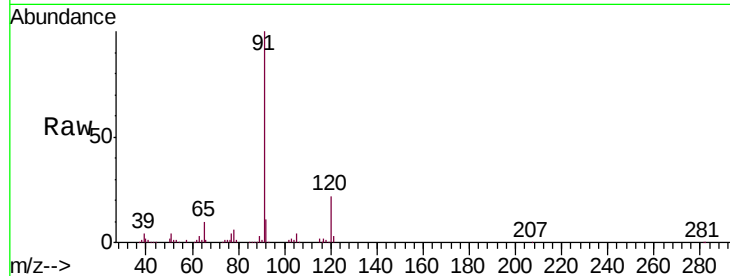




#73
n-propylbenzene
Concen: 1.801 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

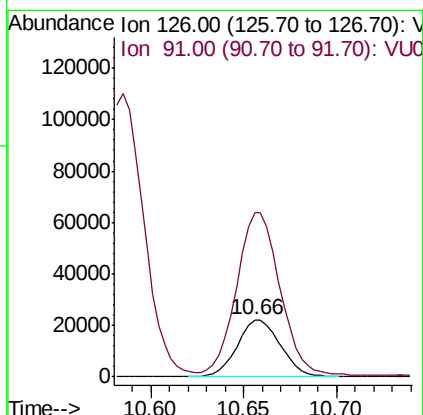
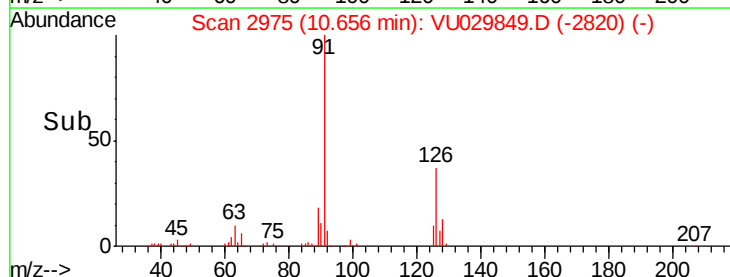
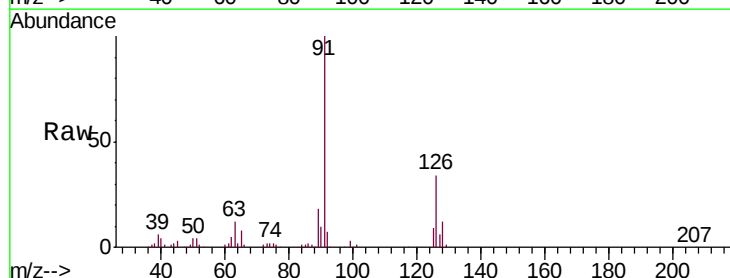
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

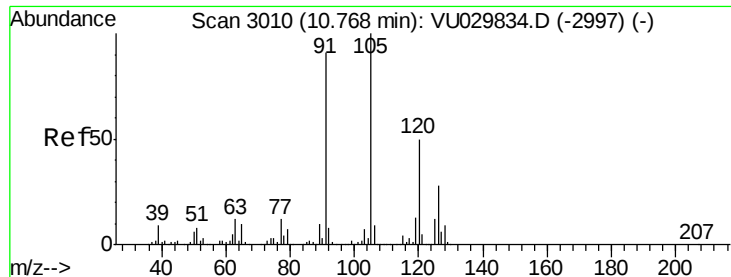
Tgt Ion:120 Resp: 40024
Ion Ratio Lower Upper
120 100
91 425.1 333.4 500.2



#74
2-Chlorotoluene
Concen: 1.823 ug/l
RT: 10.66 min Scan# 2975
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion:126 Resp: 35923
Ion Ratio Lower Upper
126 100
91 290.2 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 1.823 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

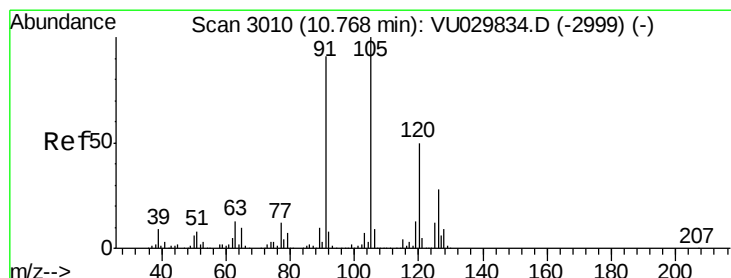
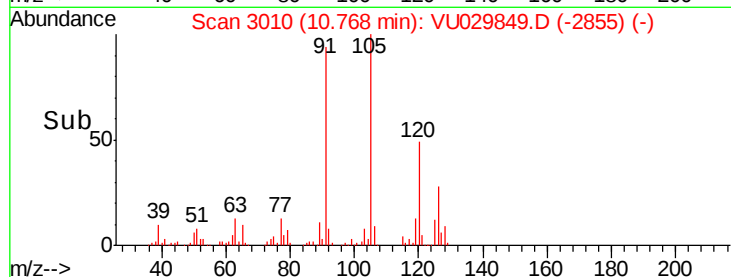
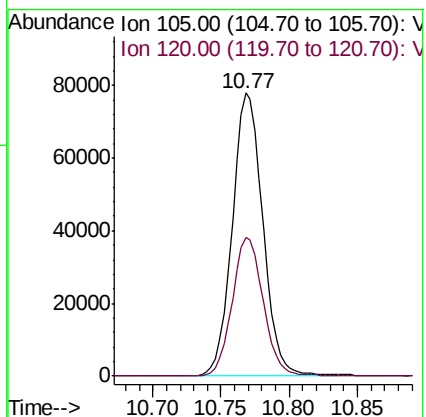
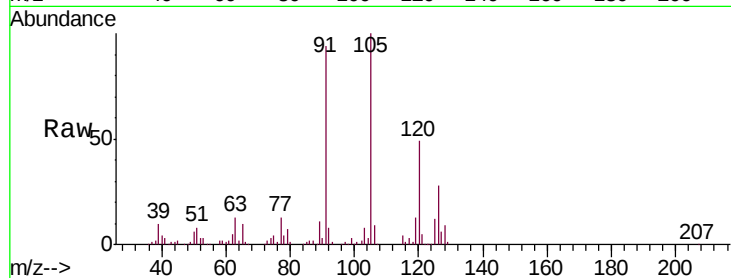
VU0308WBS01

Tgt Ion:105 Resp: 121394

Ion Ratio Lower Upper

105 100

120 49.8 40.0 60.0



#76

4-Chlorotoluene

Concen: 1.803 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029849.D

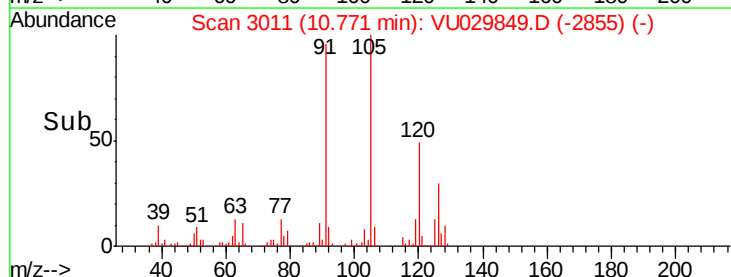
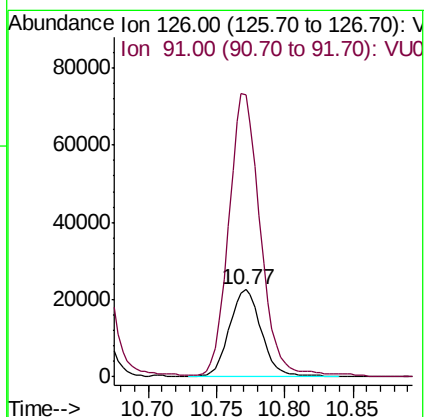
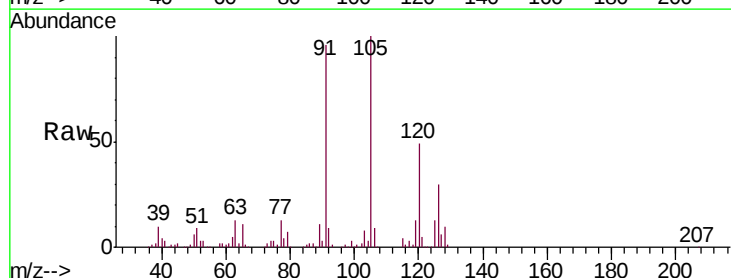
Acq: 07 Mar 2019 12:11

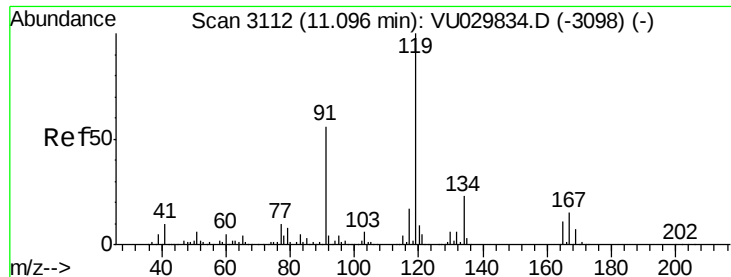
Tgt Ion:126 Resp: 36238

Ion Ratio Lower Upper

126 100

91 323.2 0.0 634.8

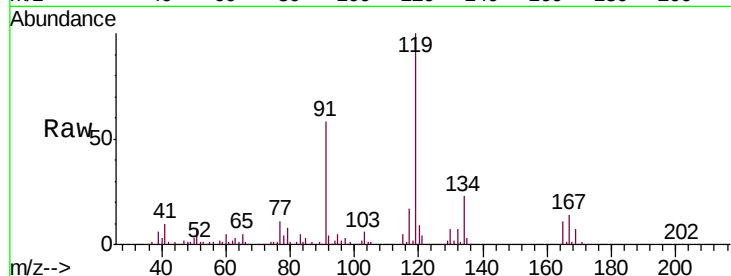




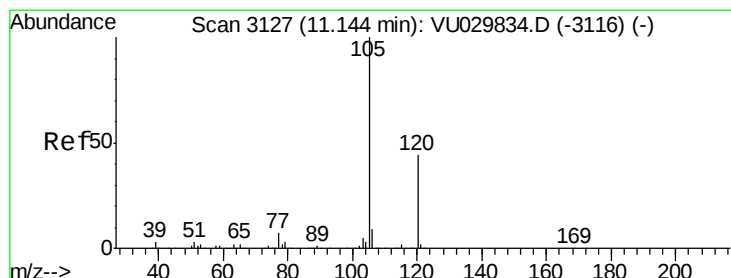
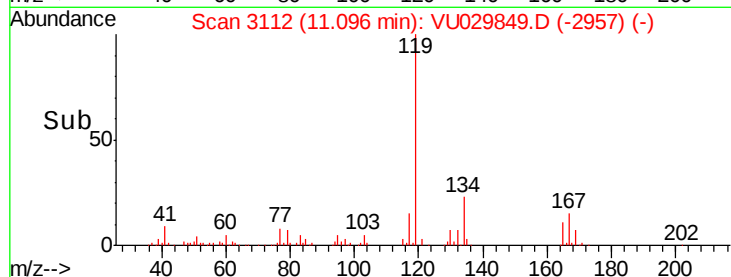
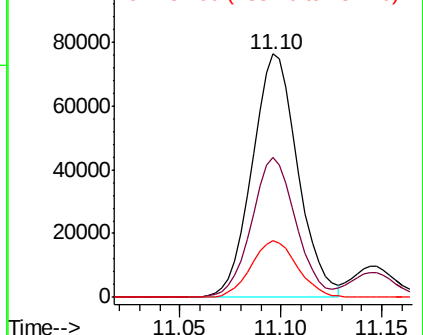
#77
 tert-Butylbenzene
 Concen: 1.833 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

Tgt Ion:119 Resp: 120775
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.7 83.1
 134 23.7 18.7 28.1

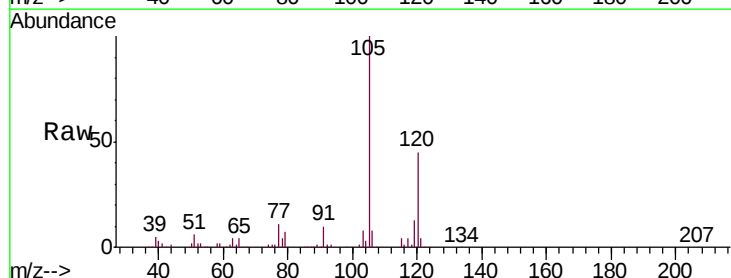


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

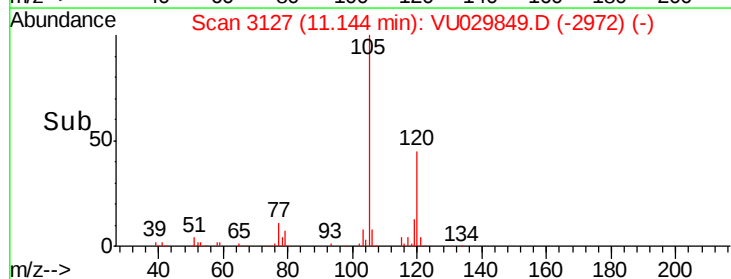
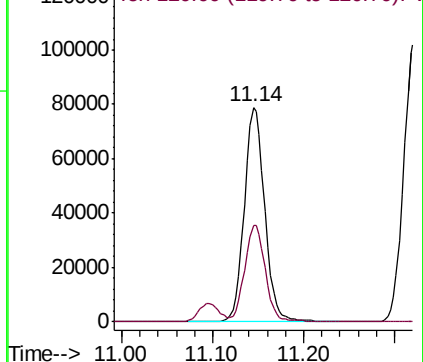


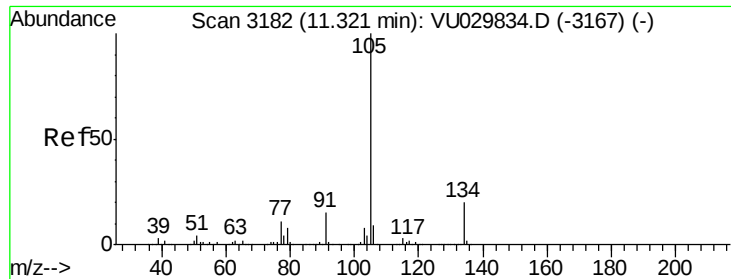
#78
 1,2,4-Trimethylbenzene
 Concen: 1.837 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion:105 Resp: 123620
 Ion Ratio Lower Upper
 105 100
 120 45.5 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: 1.854 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

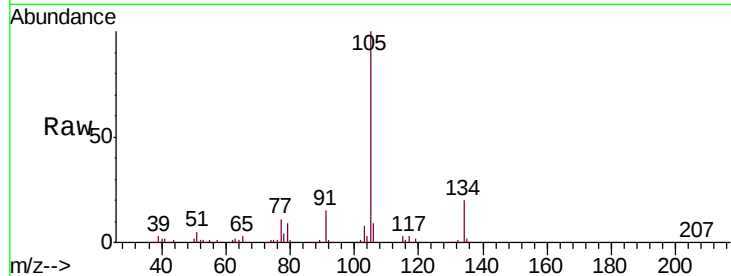
VU0308WBS01

Tgt Ion:105 Resp: 161867

Ion Ratio Lower Upper

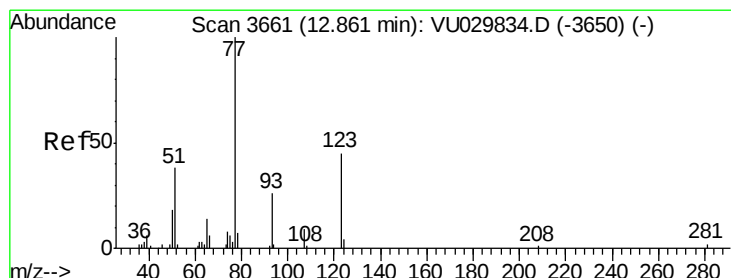
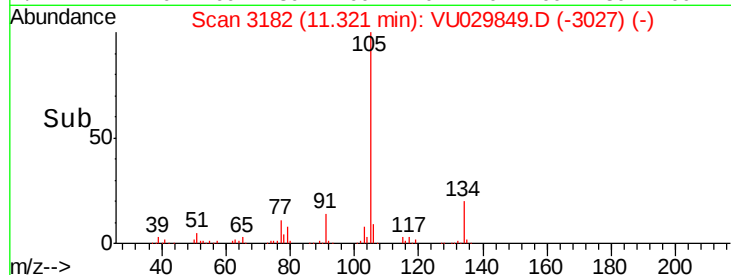
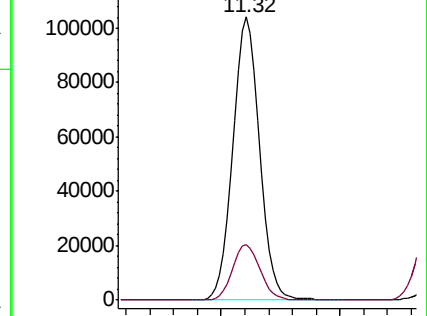
105 100

134 20.3 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: 2.562 ug/l

RT: 12.87 min Scan# 3664

Delta R.T. 0.01 min

Lab File: VU029849.D

Acq: 07 Mar 2019 12:11

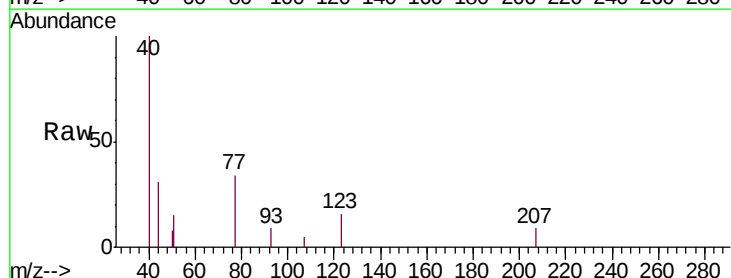
Tgt Ion: 77 Resp: 748

Ion Ratio Lower Upper

77 100

123 73.5 20.2 71.4#

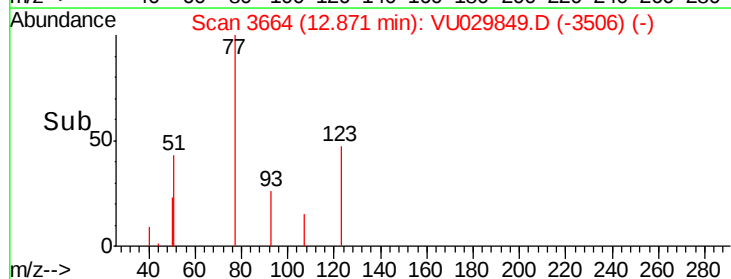
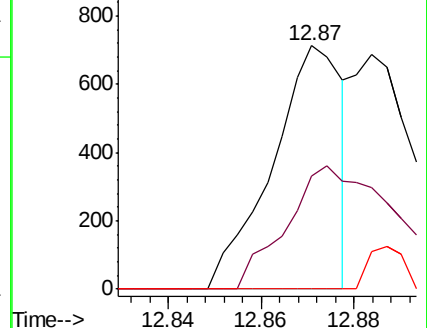
65 8.7 14.0 17.8#

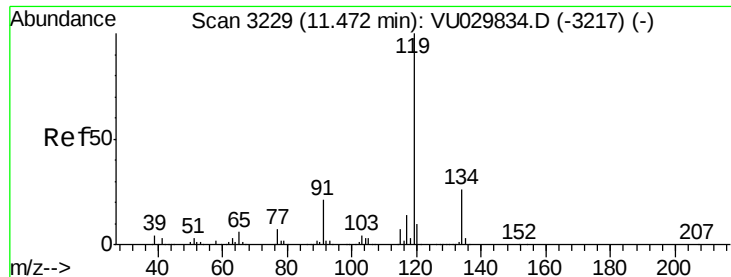


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

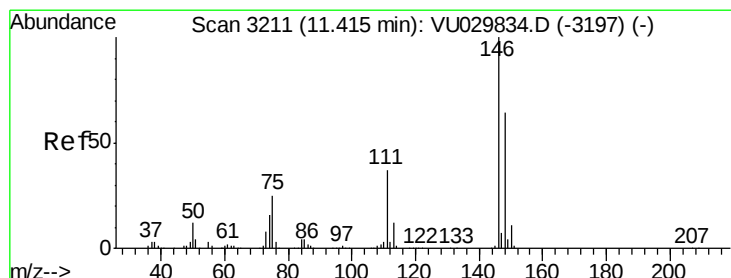
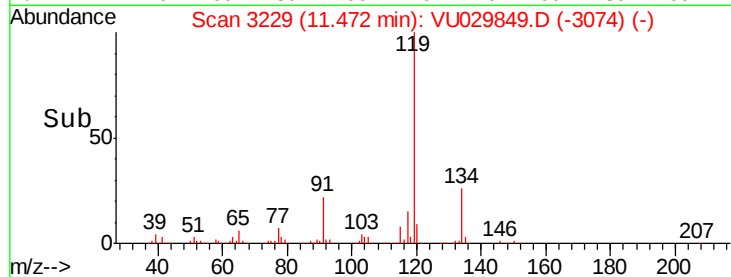
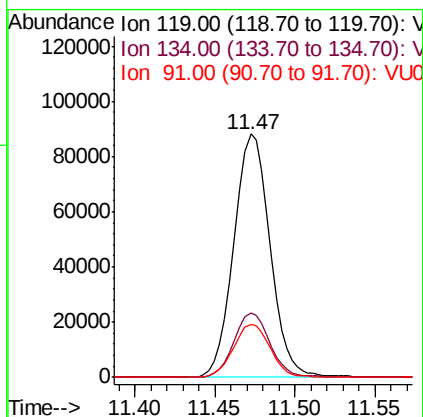
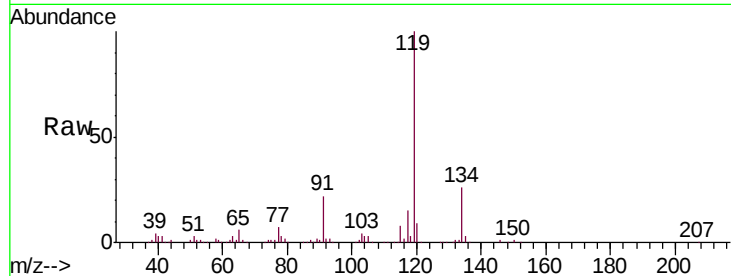




#81
p-Isopropyltoluene
Concen: 1.846 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

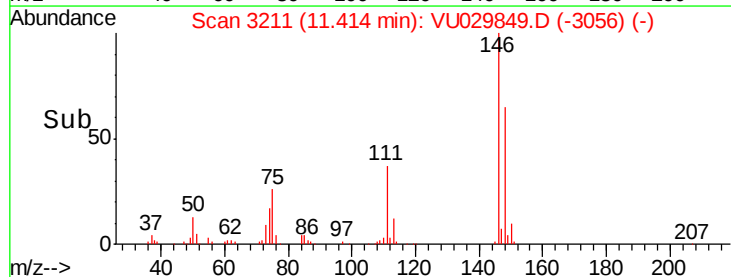
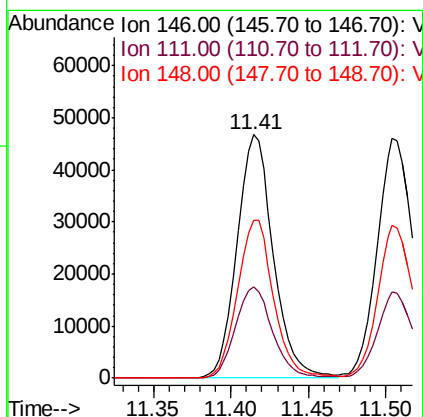
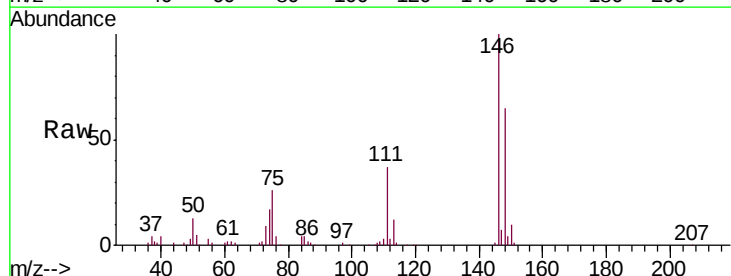
Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

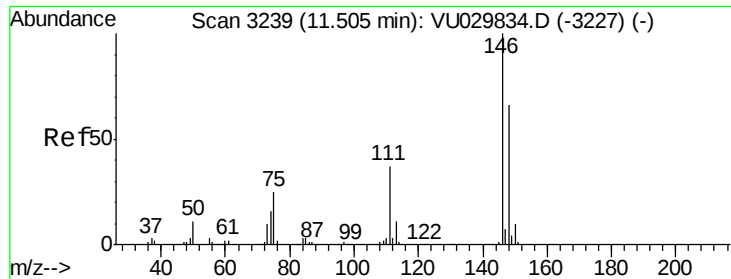
Tgt Ion:119 Resp: 134936
Ion Ratio Lower Upper
119 100
134 26.5 21.2 31.8
91 22.5 17.2 25.8



#82
1,3-Dichlorobenzene
Concen: 1.837 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion:146 Resp: 76116
Ion Ratio Lower Upper
146 100
111 38.3 30.2 45.4
148 64.7 51.2 76.8

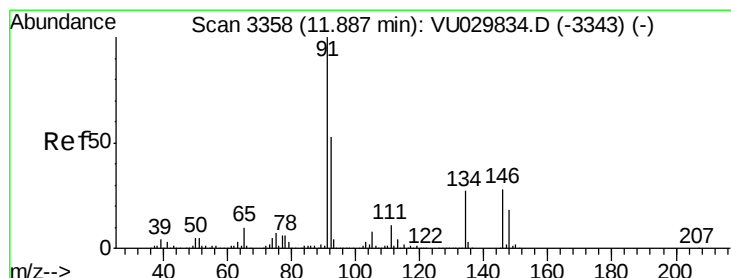
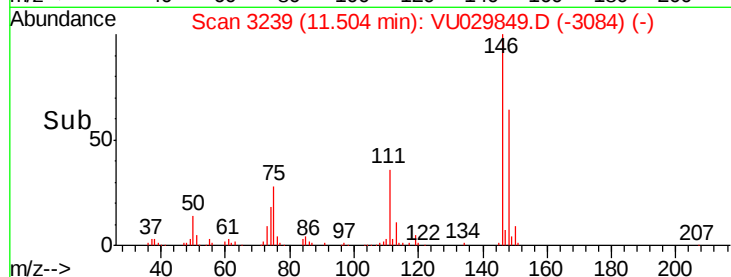
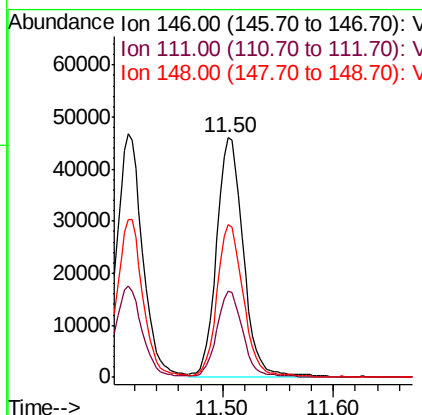
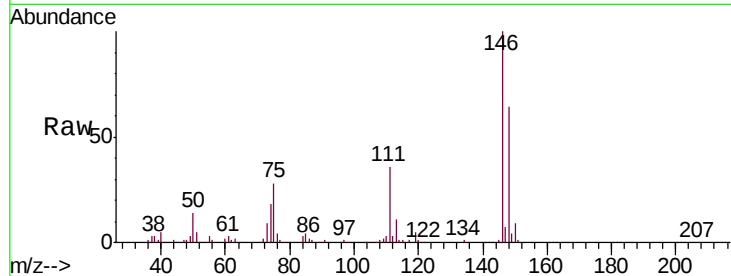




#83
 1,4-Dichlorobenzene
 Concen: 1.899 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

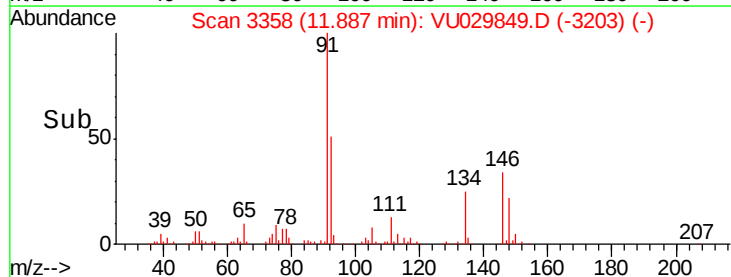
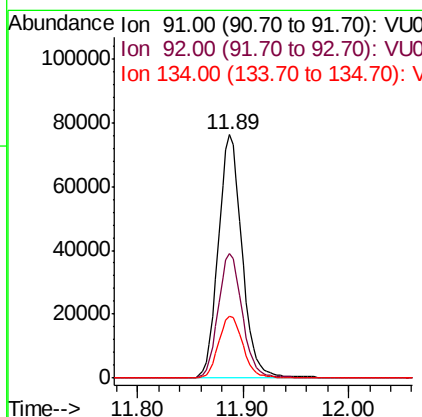
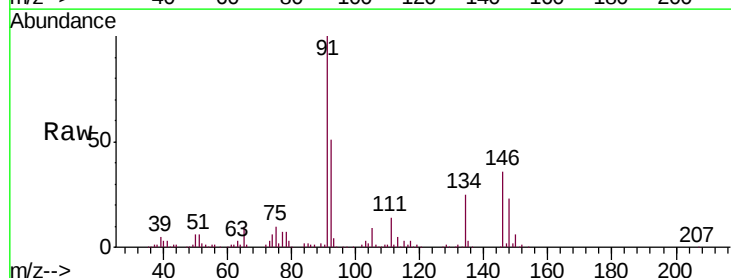
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

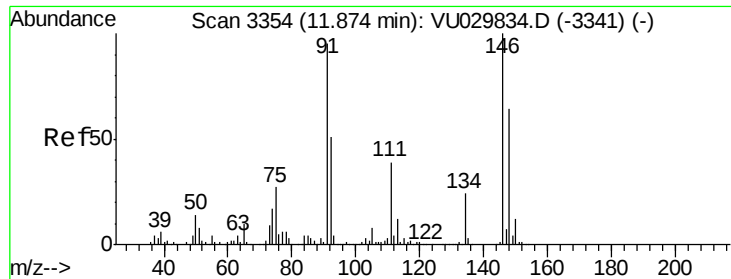
Tgt Ion: 146 Resp: 76867
 Ion Ratio Lower Upper
 146 100
 111 33.7 29.4 44.2
 148 62.8 51.7 77.5



#84
 n-Butylbenzene
 Concen: 1.788 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion: 91 Resp: 119086
 Ion Ratio Lower Upper
 91 100
 92 51.8 42.6 63.8
 134 25.9 21.7 32.5

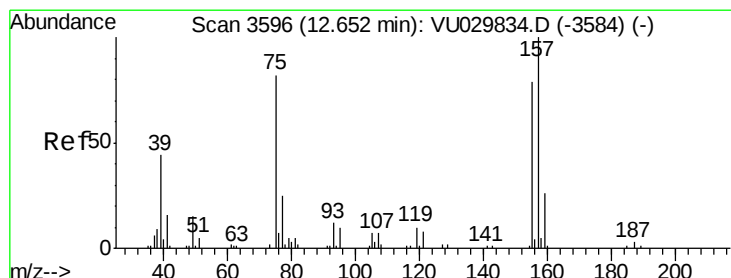
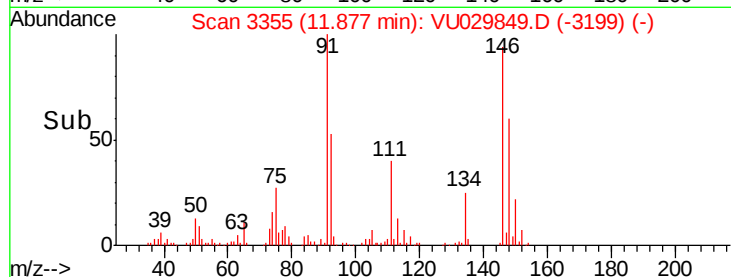
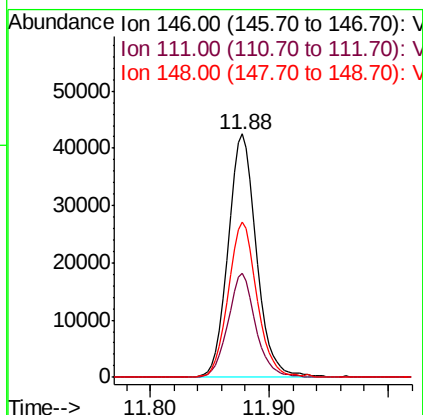
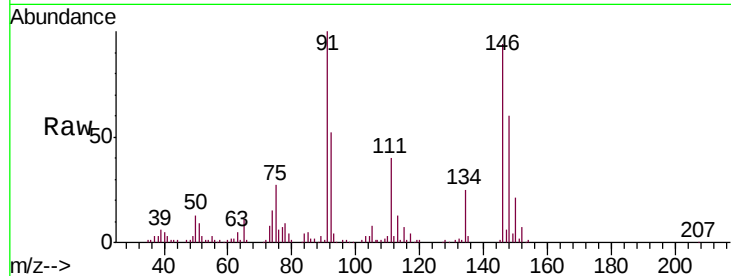




#85
 1,2-Dichlorobenzene
 Concen: 1.793 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

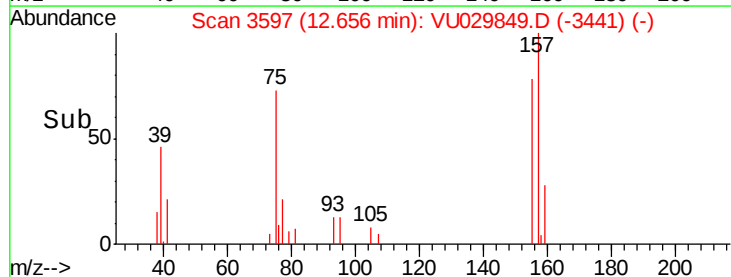
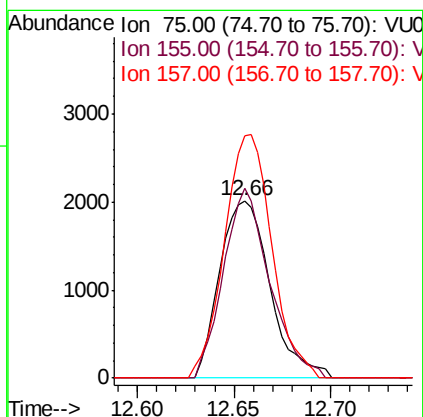
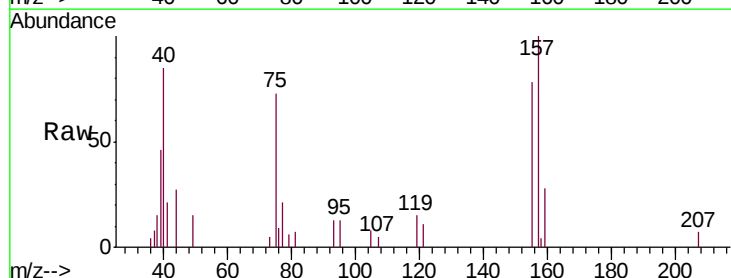
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

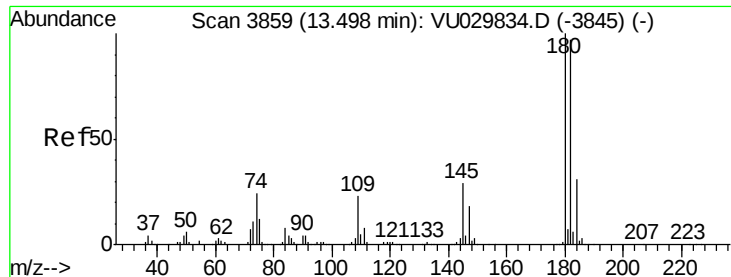
Tgt Ion:146 Resp: 70044
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.9 59.6
 148 64.6 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.591 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion: 75 Resp: 3653
 Ion Ratio Lower Upper
 75 100
 155 98.2 76.6 114.8
 157 129.5 96.2 144.2

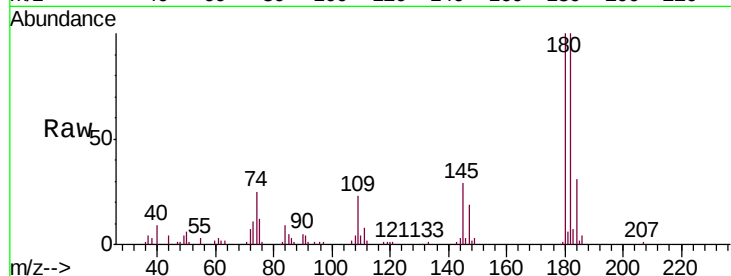




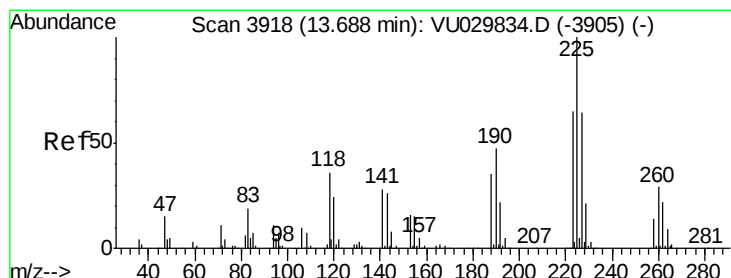
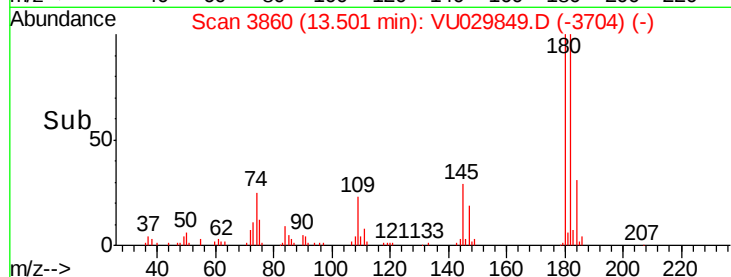
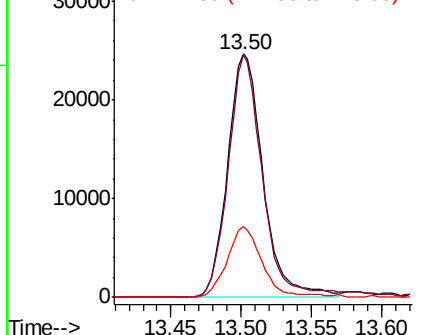
#87
 1,2,4-Trichlorobenzene
 Concen: 1.730 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0308WBS01

Tgt Ion:180 Resp: 43280
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.5 116.3
 145 28.2 23.6 35.4

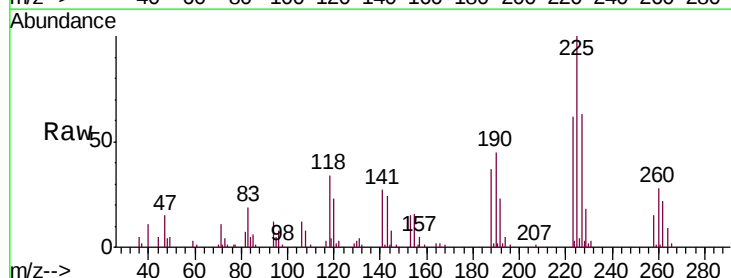


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

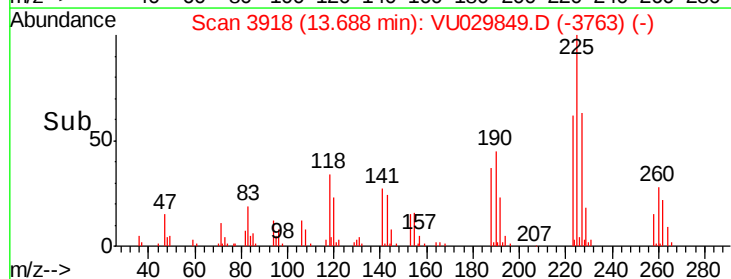
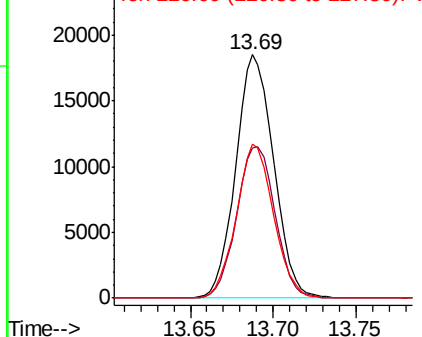


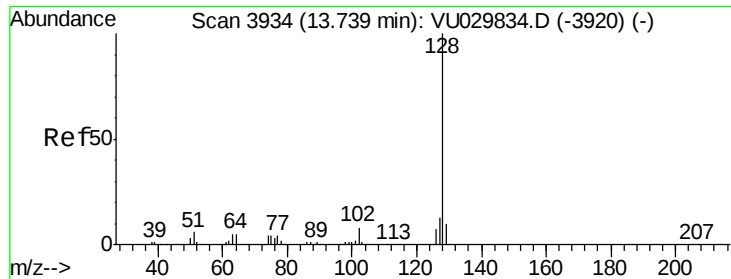
#88
 Hexachlorobutadiene
 Concen: 1.868 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029849.D
 Acq: 07 Mar 2019 12:11

Tgt Ion:225 Resp: 29439
 Ion Ratio Lower Upper
 225 100
 223 63.1 51.2 76.8
 227 61.9 50.9 76.3



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

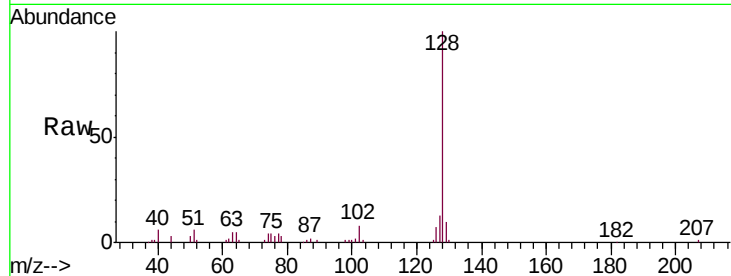




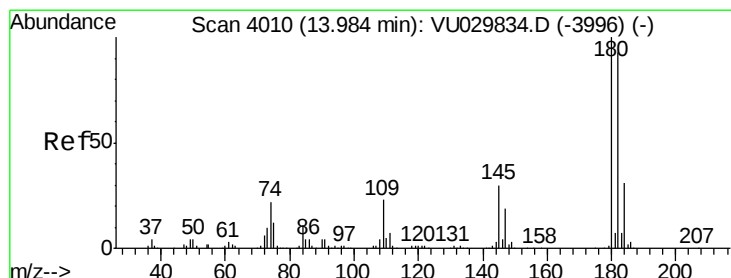
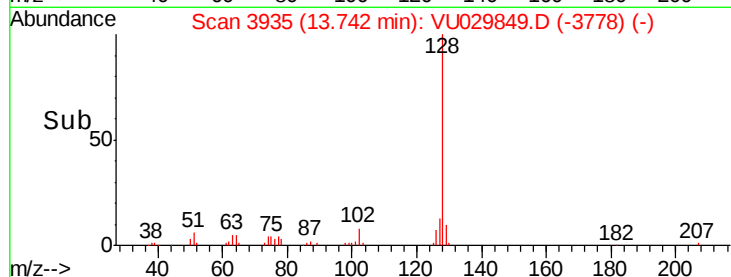
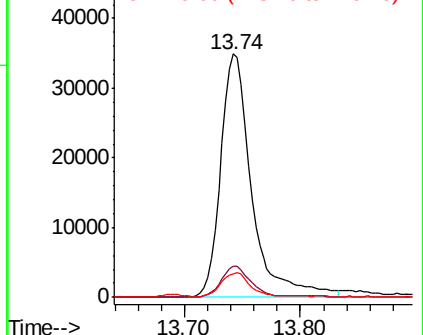
#89
Naphthalene
Concen: 1.738 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBS01

Tgt Ion:128 Resp: 64983
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 9.9 8.2 12.4

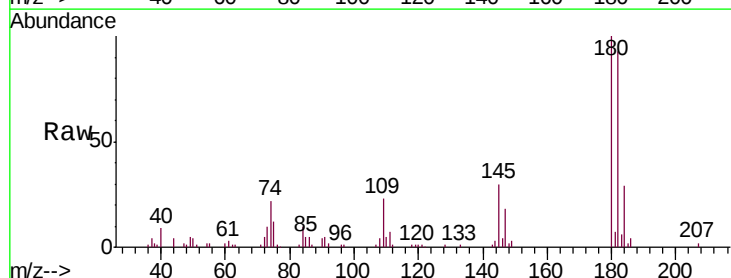


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.792 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU029849.D
Acq: 07 Mar 2019 12:11

Tgt Ion:180 Resp: 42114
Ion Ratio Lower Upper
180 100
182 91.6 74.8 112.2
145 29.8 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

