

Data File : VU023542.D

Acq On : 30 Apr 2018 22:25

Operator : MD/SY

Sample : VU0430WBSD01

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

Quant Time: May 01 05:12:54 2018

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 05:06:52 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	46017	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	15635	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16120	1.10	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31660	2.12	ug/l	99
3) Chloromethane	1.33	50	36780	2.12	ug/l	100
4) Vinyl Chloride	1.40	62	35373	2.13	ug/l	89
5) Bromomethane	1.63	94	22690	2.56	ug/l	98
6) Chloroethane	1.70	64	19055	2.06	ug/l	95
7) Trichlorofluoromethane	1.89	101	41643	2.18	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	23846	2.04	ug/l	100
9) 1,1-Dichloroethene	2.29	96	22743	2.09	ug/l	96
10) Iodomethane	2.41	142	20144	1.56	ug/l	98
11) Allyl Chloride	2.60	41	41057	2.05	ug/l	98
12) Acrylonitrile	2.96	53	10685	4.76	ug/l #	95
13) Acetone	2.36	43	20383	10.70	ug/l	92
14) Carbon Disulfide	2.48	76	73370	2.05	ug/l	100
15) Methylene Chloride	2.70	84	25000	2.02	ug/l	98
16) trans-1,2-Dichloroethene	2.99	96	23972	2.06	ug/l	99
17) 1,1-Dichloroethane	3.45	63	47736	2.08	ug/l	99
18) 2-Butanone	4.31	43	31475	10.23	ug/l	100
19) Cyclohexane	4.99	56	41066	2.07	ug/l	99
20) Methylcyclohexane	6.41	83	36578	1.81	ug/l	97
21) 2,2-Dichloropropane	4.23	77	35072	1.93	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	26409	2.09	ug/l	99
23) Diethyl Ether	2.11	59	18833	2.12	ug/l	98
24) tert-Butyl Alcohol	2.90	59	6368	9.84	ug/l #	87
25) Methyl tert-Butyl Ether	3.01	73	57204	2.09	ug/l	98
26) Bromochloromethane	4.55	128	10581	2.12	ug/l	100
27) Chloroform	4.68	83	45220	2.09	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	36745	2.07	ug/l	99
29) 1,1-Dichloropropene	5.13	75	35718	2.05	ug/l	98
30) Carbon Tetrachloride	5.13	117	30420	2.04	ug/l	96
31) Isopropyl Ether	3.58	45	77373	2.00	ug/l	97
32) Ethyl-t-butyl ether	4.09	59	67045	2.03	ug/l	99
33) Tert-Amyl methyl ether	5.59	73	54067	1.93	ug/l	99
34) Propionitrile	4.37	54	8288	9.46	ug/l #	87
35) Benzene	5.39	78	105069	2.03	ug/l	99
36) 1,2-Dichloroethane	5.41	62	31068	2.12	ug/l	99
37) Trichloroethene	6.18	130	28046	2.02	ug/l	98
38) 1,2-Dichloropropane	6.44	63	29546	2.08	ug/l	96
39) Methacrylonitrile	4.56	41	9453	2.11	ug/l	98
40) Methyl acrylate	4.45	55	14618	2.35	ug/l #	94
41) Tetrahydrofuran	4.68	42	9700	4.20	ug/l	96
42) 1-Chlorobutane	5.07	56	51856	2.06	ug/l	99

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Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

Quant Time: May 01 05:12:54 2018

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Tue May 01 05:06:52 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.57	93	13155	2.16	ug/l	99
44) Bromodichloromethane	6.76	83	31484	2.05	ug/l	99
45) 4-Methyl-2-Pentanone	7.48	43	73807	10.24	ug/l	97
46) t-1,4-Dichloro-2-butene	10.50	75	25258	11.85	ug/l #	38
47) Methyl methacrylate	6.64	69	22362	4.05	ug/l	99
48) Ethyl methacrylate	8.03	69	18488	1.91	ug/l	96
49) Toluene	7.64	92	60897	2.04	ug/l	100
50) t-1,3-Dichloropropene	7.89	75	26267	2.01	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	32948	1.94	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	18887	2.18	ug/l	97
53) 1,3-Dichloropropane	8.25	76	32024	2.08	ug/l	98
54) 2-Hexanone	8.38	43	47161	9.61	ug/l	96
55) Dibromochloromethane	8.48	129	19943	2.10	ug/l	98
56) 1,2-Dibromoethane	8.59	107	15860	2.12	ug/l	99
58) Tetrachloroethene	8.23	164	25994	2.05	ug/l	96
59) Chlorobenzene	9.12	112	65475	2.05	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	21994	2.03	ug/l	98
61) Pentachloroethane	11.10	117	17024	2.21	ug/l	91
62) Hexachloroethane	12.15	117	16092	2.18	ug/l	96
63) Ethyl Benzene	9.25	91	105074	1.98	ug/l	100
64) m/p-Xylenes	9.38	106	82212	4.01	ug/l	99
65) o-Xylene	9.78	106	39369	2.00	ug/l	95
66) Styrene	9.80	104	66738	2.05	ug/l	99
67) Bromoform	9.96	173	10559	2.13	ug/l	99
69) Isopropylbenzene	10.17	105	103213	2.03	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	22390	2.29	ug/l	96
71) 1,2,3-Trichloropropane	10.50	75	25258	3.61	ug/l #	77
72) Bromobenzene	10.45	156	26834	2.12	ug/l	97
73) n-propylbenzene	10.59	120	28370	2.02	ug/l	94
74) 2-Chlorotoluene	10.66	126	26042	2.10	ug/l	99
75) 1,3,5-Trimethylbenzene	10.78	105	90533	2.11	ug/l	100
76) 4-Chlorotoluene	10.78	126	27561	2.14	ug/l	99
77) tert-Butylbenzene	11.10	119	83638	2.08	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	93369	2.16	ug/l	98
79) sec-Butylbenzene	11.33	105	118499	2.11	ug/l	100
80) Nitrobenzene	12.87	77	3719	11.13	ug/l #	94
81) p-Isopropyltoluene	11.48	119	97334	2.11	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	54384	2.15	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	55323	2.19	ug/l	98
84) n-Butylbenzene	11.89	91	93243	2.07	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	49138	2.16	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2893	2.10	ug/l	95
87) 1,2,4-Trichlorobenzene	13.51	180	33605	2.04	ug/l	97
88) Hexachlorobutadiene	13.70	225	21148	2.11	ug/l	99
89) Naphthalene	13.75	128	46305	1.86	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	30996	2.00	ug/l	99

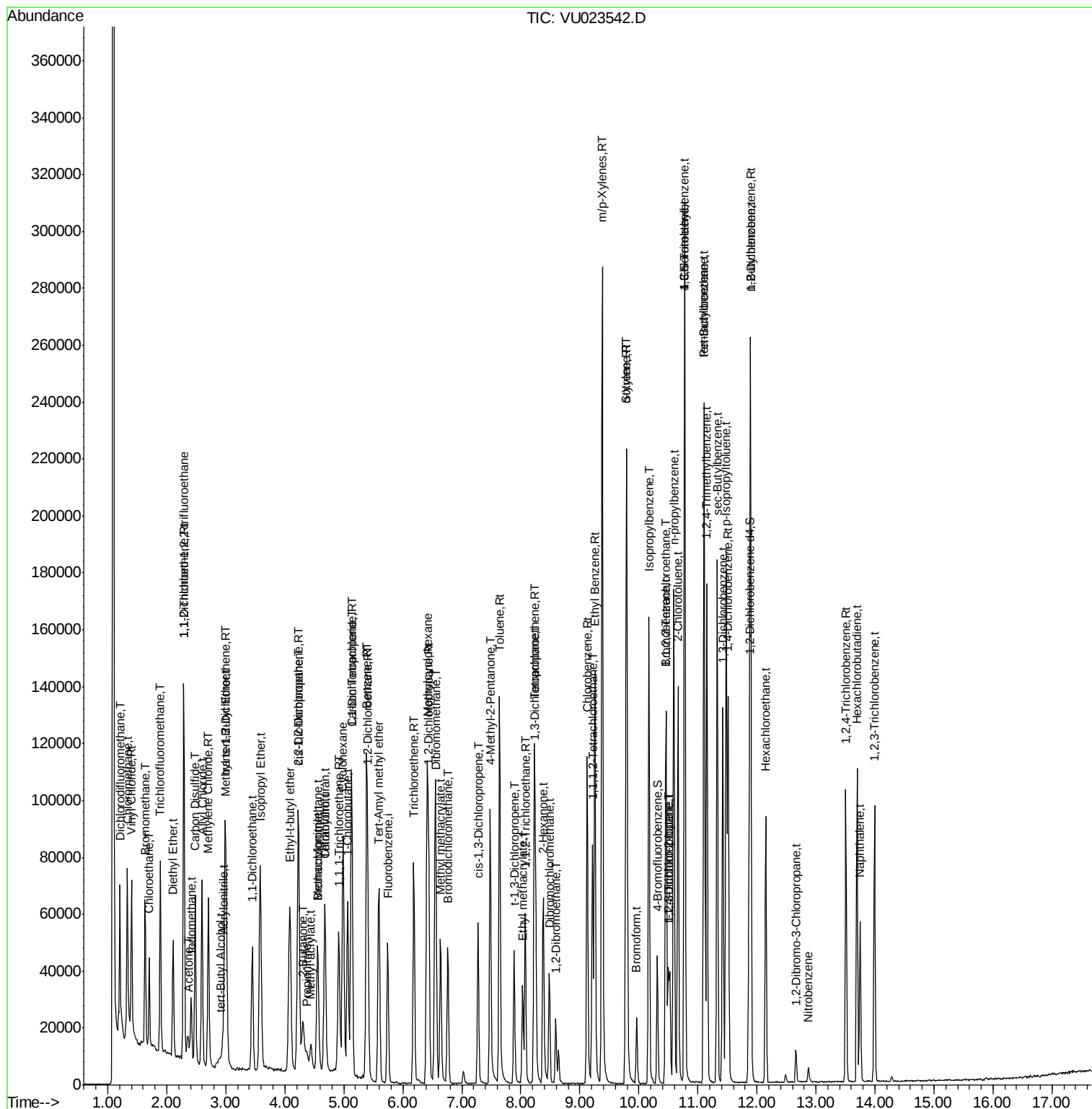
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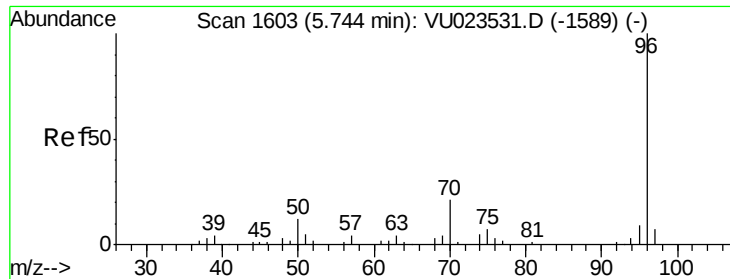
Data File : VU023542.D

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MSVOA_U
ClientSampleId :
VU0430WBSD01

Quant Time: May 01 05:12:54 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
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Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0430WBSD01

Tgt Ion: 96 Resp: 46017

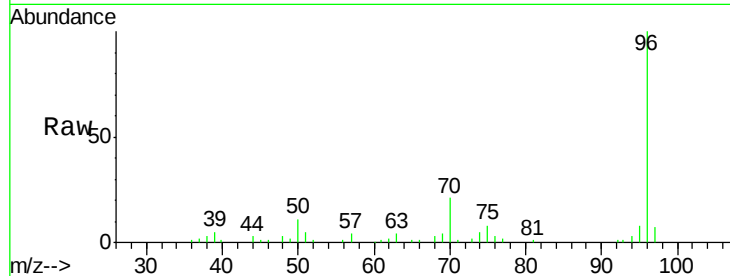
Ion Ratio Lower Upper

96 100

70 21.1 16.2 24.4

95 8.7 6.9 10.3

97 6.3 0.0 0.0#

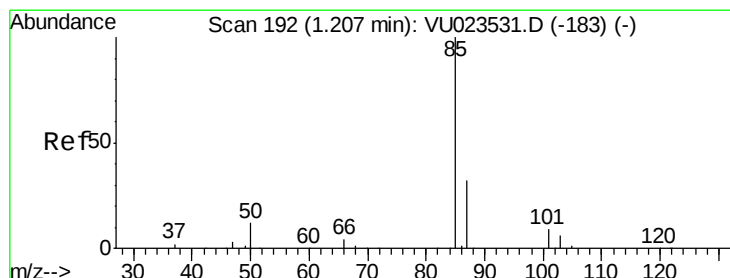
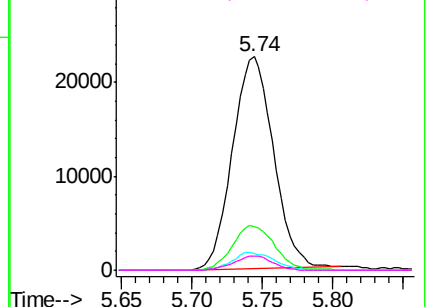
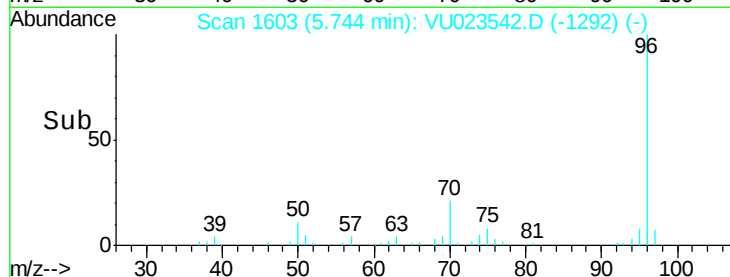


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 2.12 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023542.D

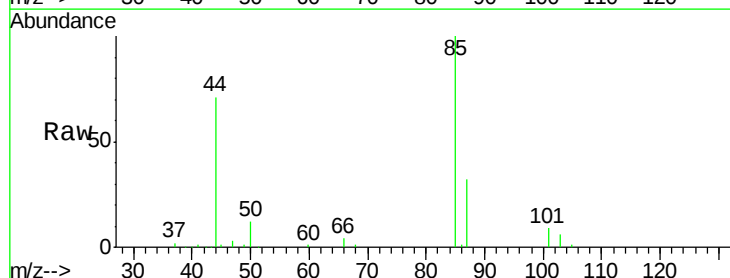
Acq: 30 Apr 2018 22:25

Tgt Ion: 85 Resp: 31660

Ion Ratio Lower Upper

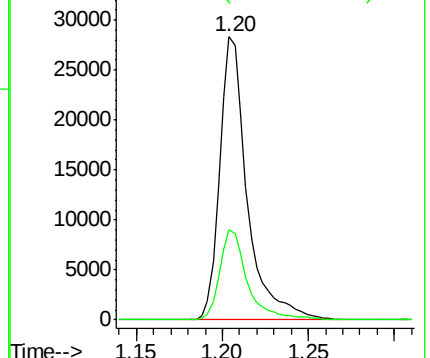
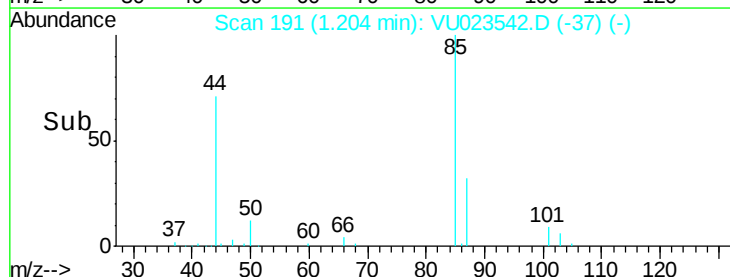
85 100

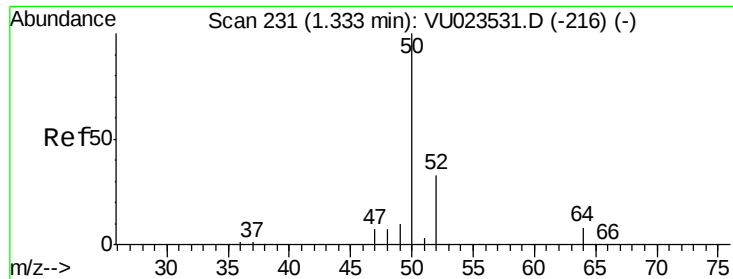
87 31.7 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

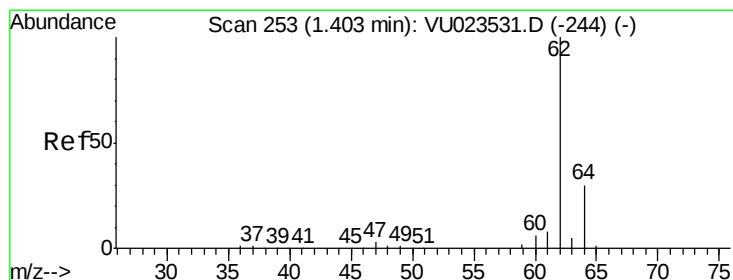
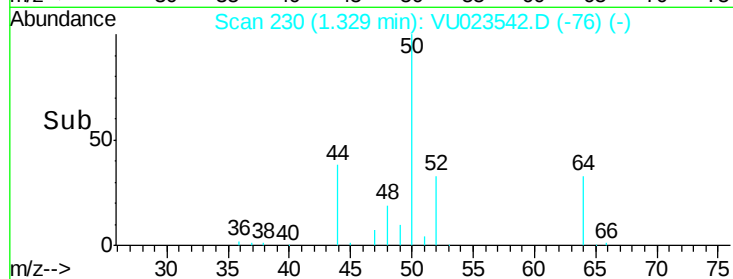
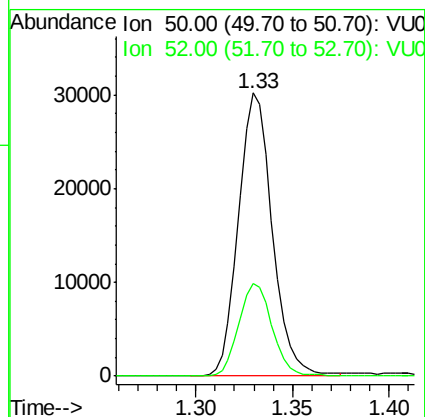
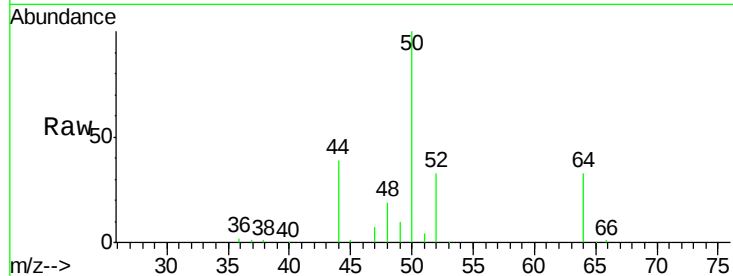




#3
Chloromethane
Concen: 2.12 ug/l
RT: 1.33 min Scan# 230
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

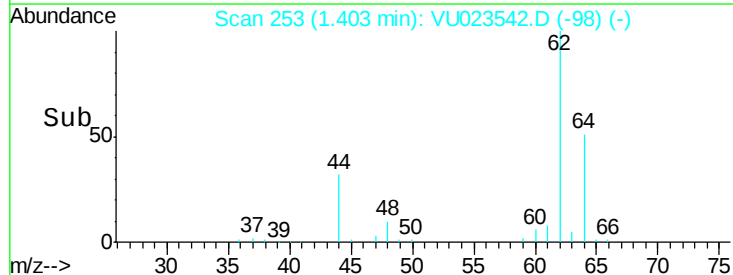
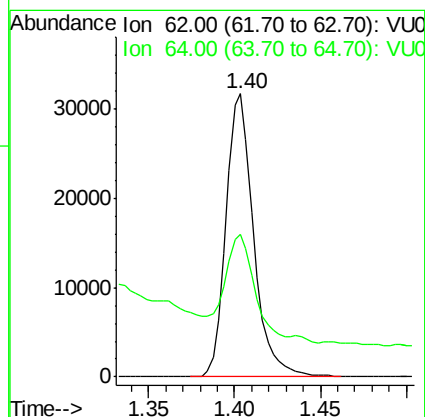
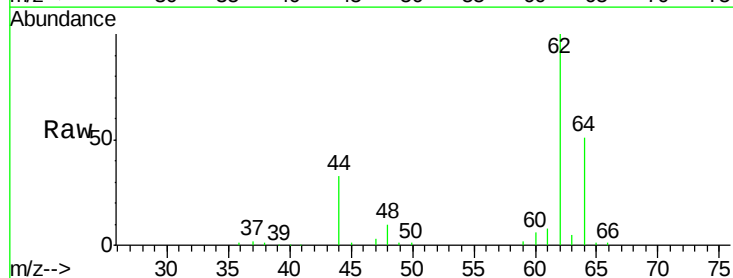
Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

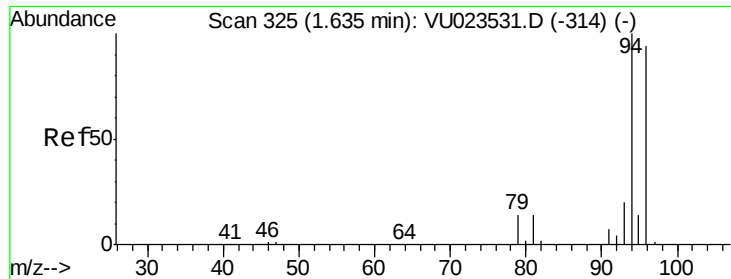
Tgt Ion: 50 Resp: 36780
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 2.13 ug/l
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 62 Resp: 35373
Ion Ratio Lower Upper
62 100
64 38.5 25.8 38.8

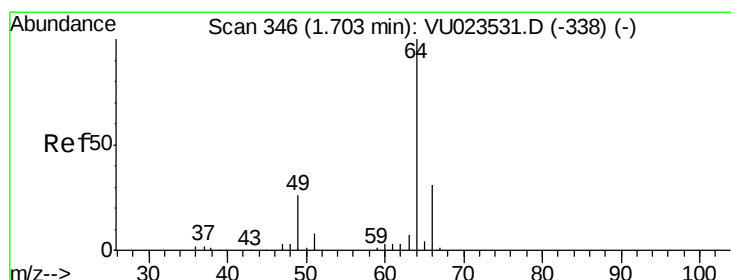
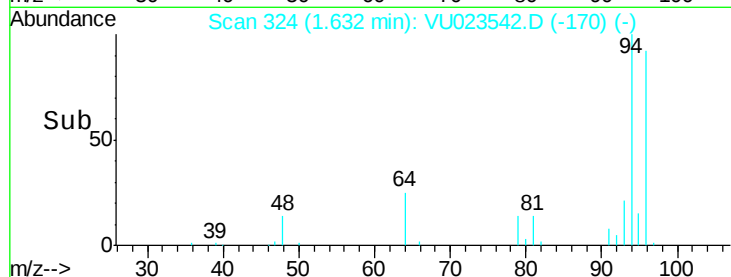
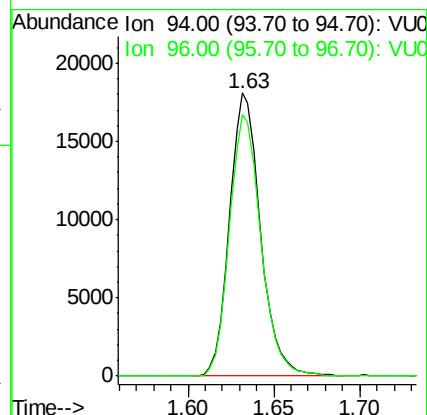
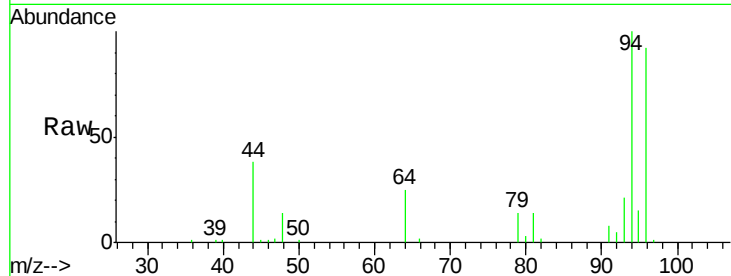




#5
 Bromomethane
 Concen: 2.56 ug/l
 RT: 1.63 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

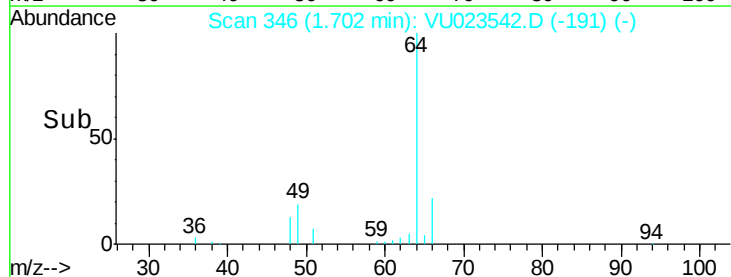
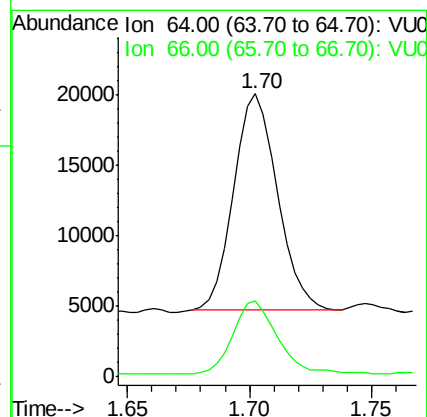
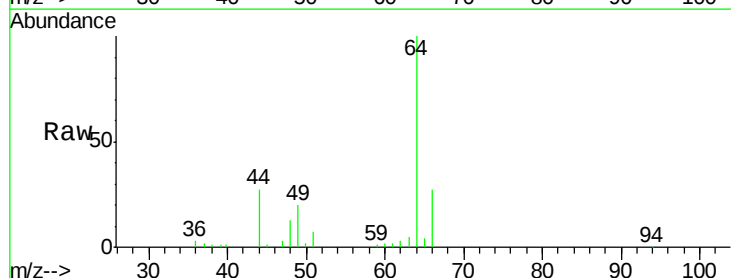
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

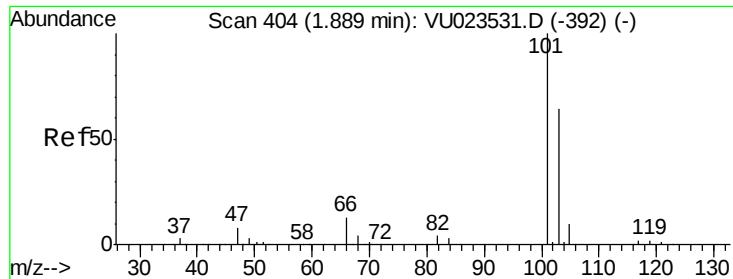
Tgt Ion: 94 Resp: 22690
 Ion Ratio Lower Upper
 94 100
 96 92.3 75.1 112.7



#6
 Chloroethane
 Concen: 2.06 ug/l
 RT: 1.70 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 64 Resp: 19055
 Ion Ratio Lower Upper
 64 100
 66 33.6 24.9 37.3





#7

Trichlorofluoromethane

Concen: 2.18 ug/l

RT: 1.89 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

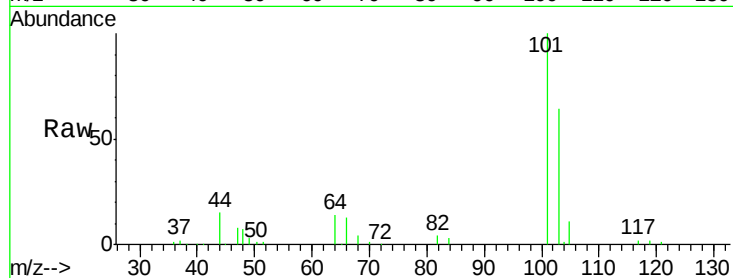
VU0430WBSD01

Tgt Ion:101 Resp: 41643

Ion Ratio Lower Upper

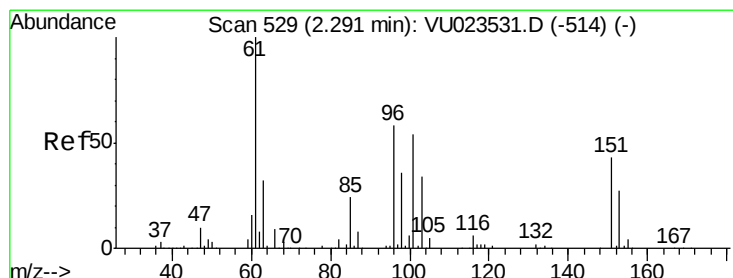
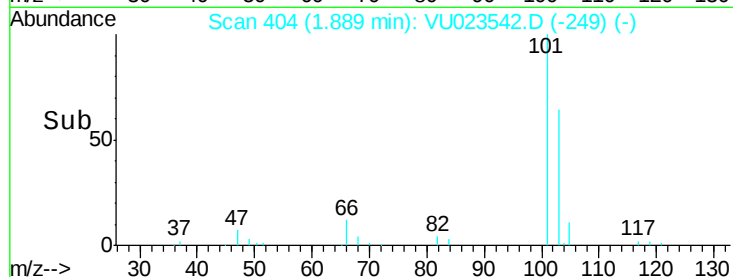
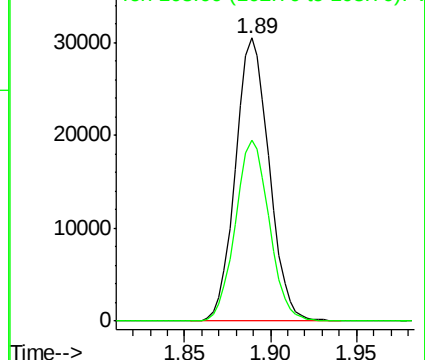
101 100

103 64.0 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 2.04 ug/l

RT: 2.29 min Scan# 529

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

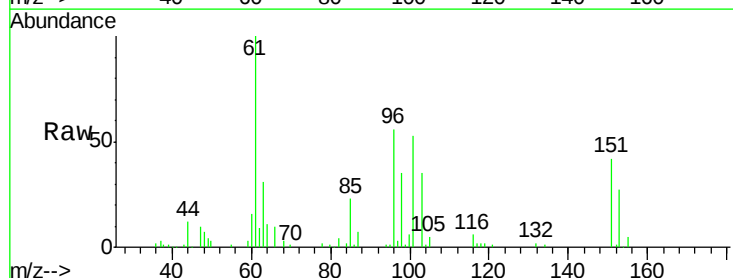
Tgt Ion:101 Resp: 23846

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

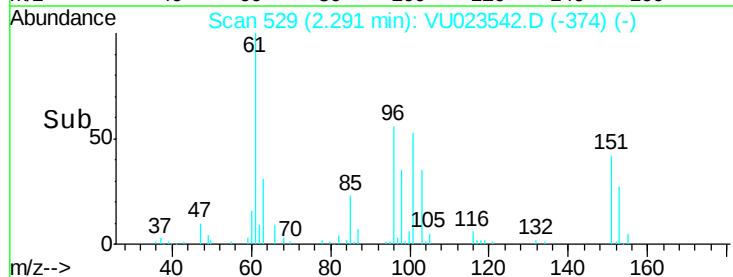
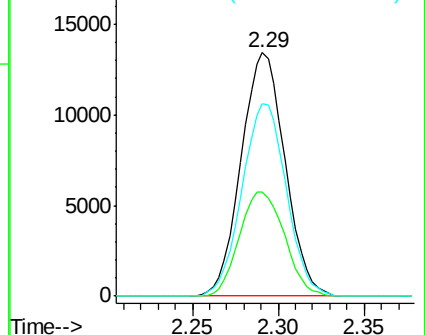
151 79.6 63.5 95.3

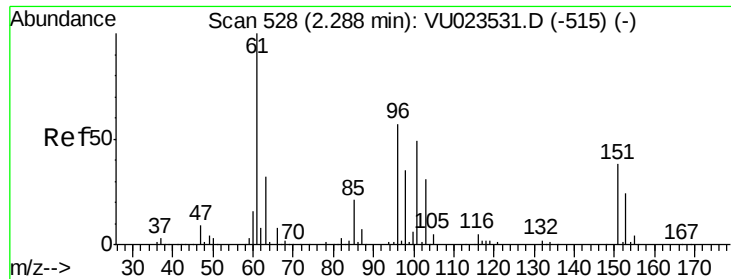


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.09 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0430WBSD01

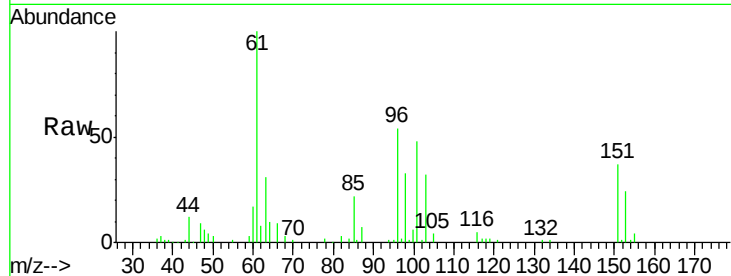
Tgt Ion: 96 Resp: 22743

Ion Ratio Lower Upper

96 100

61 183.5 0.0 526.5

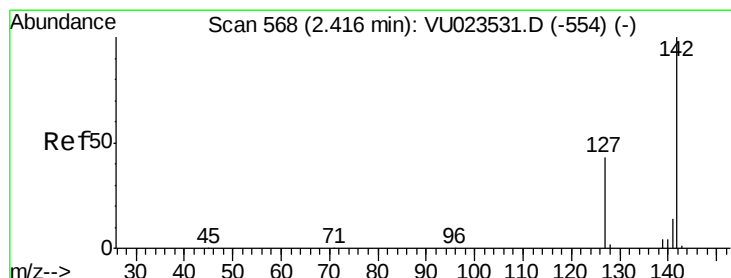
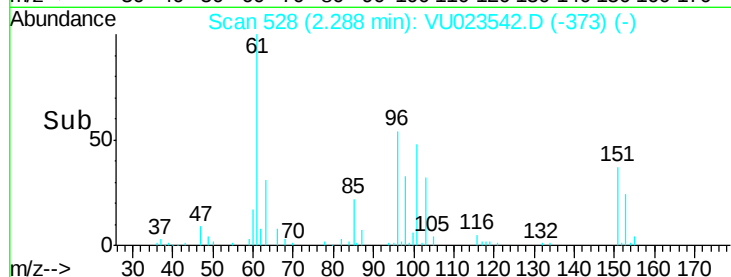
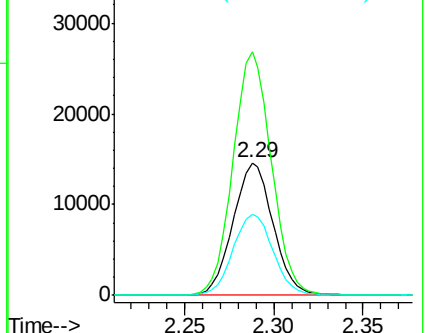
98 61.1 0.0 123.4



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: 1.56 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU023542.D

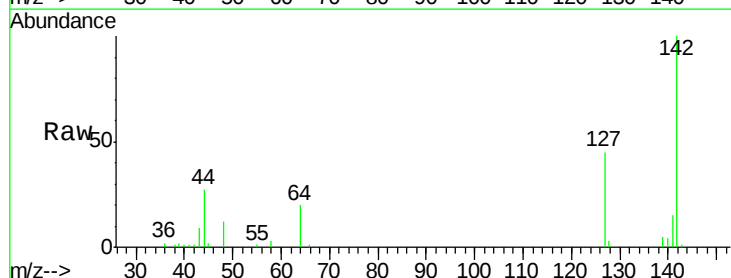
Acq: 30 Apr 2018 22:25

Tgt Ion: 142 Resp: 20144

Ion Ratio Lower Upper

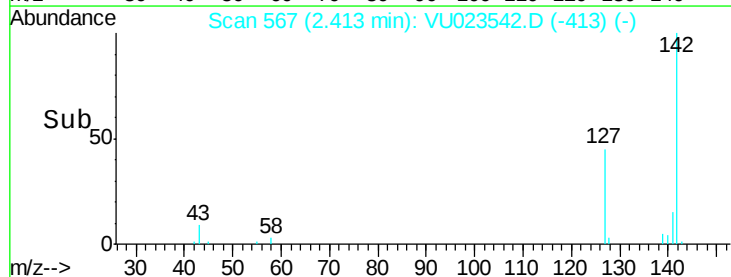
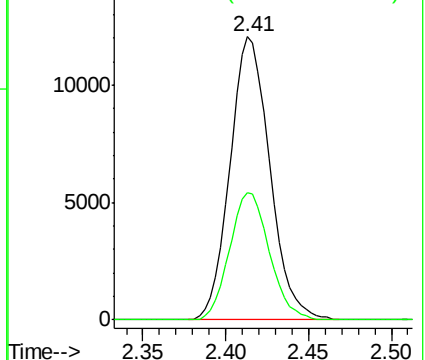
142 100

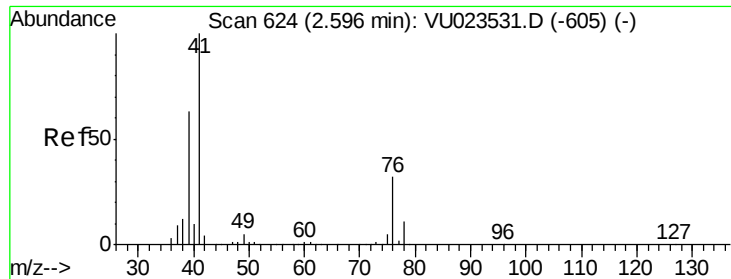
127 44.7 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

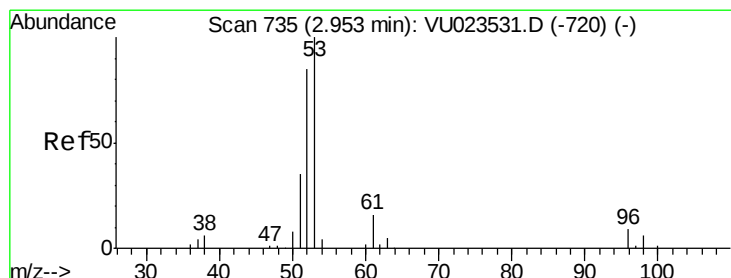
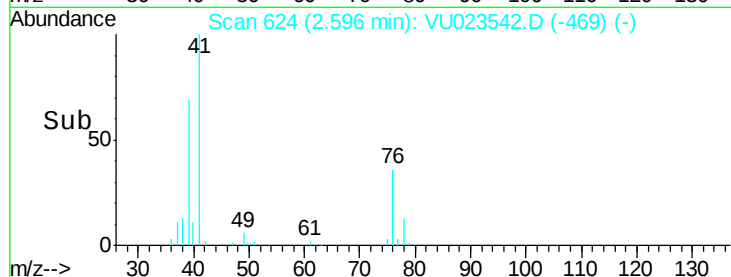
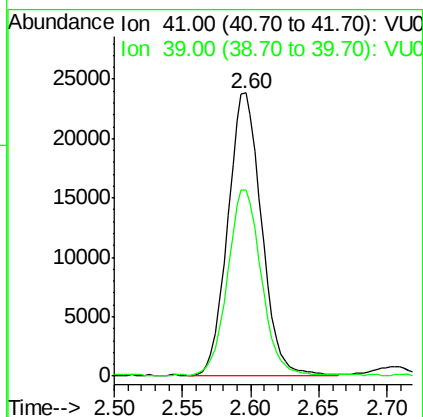
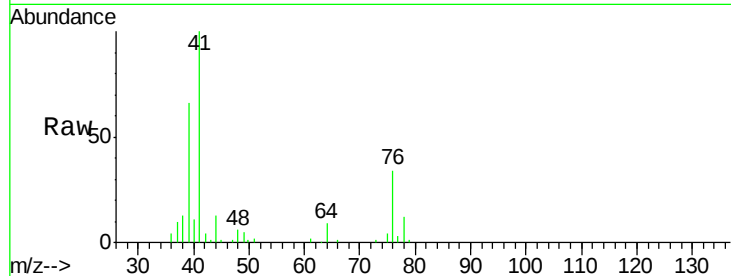




#11
 Allyl Chloride
 Concen: 2.05 ug/l
 RT: 2.60 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

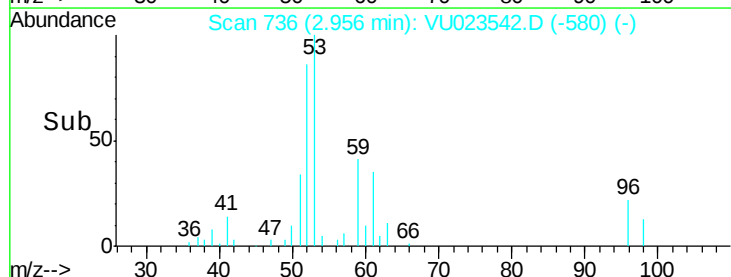
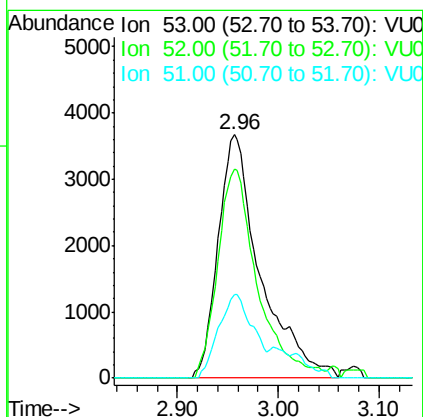
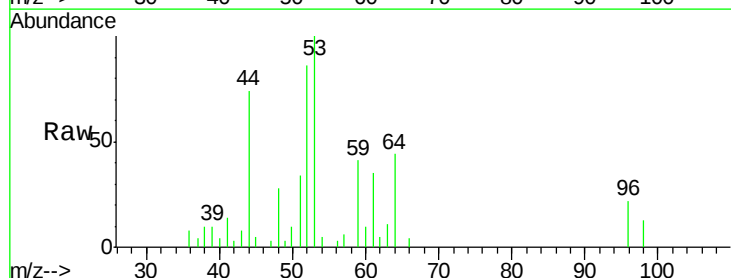
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

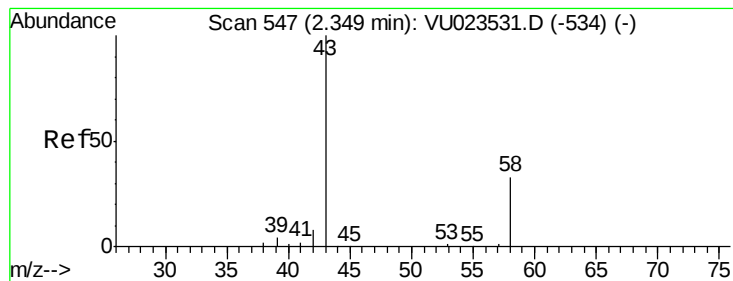
Tgt Ion: 41 Resp: 41057
 Ion Ratio Lower Upper
 41 100
 39 66.1 51.4 77.2



#12
 Acrylonitrile
 Concen: 4.76 ug/l
 RT: 2.96 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 53 Resp: 10685
 Ion Ratio Lower Upper
 53 100
 52 81.0 65.1 97.7
 51 28.4 30.2 45.4#





#13

Acetone

Concen: 10.70 ug/l

RT: 2.36 min Scan# 549

Delta R.T. 0.01 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

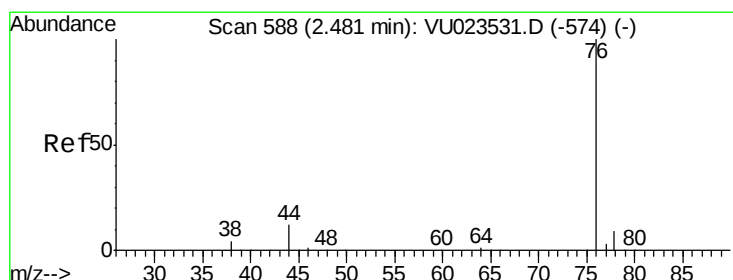
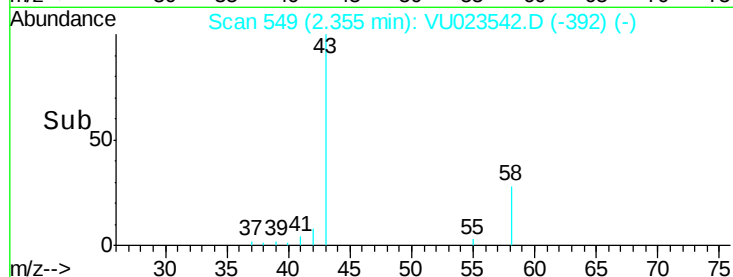
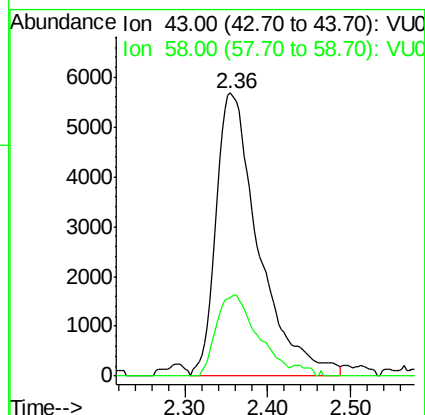
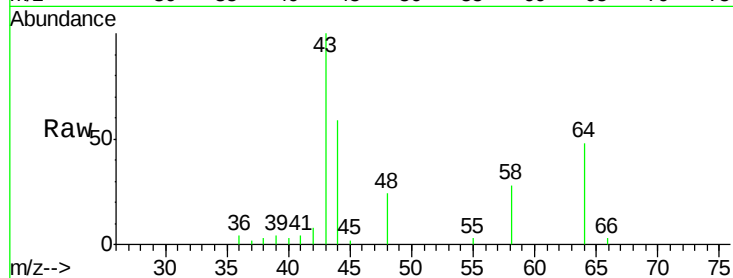
VU0430WBSD01

Tgt Ion: 43 Resp: 20383

Ion Ratio Lower Upper

43 100

58 27.8 26.0 39.0



#14

Carbon Disulfide

Concen: 2.05 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU023542.D

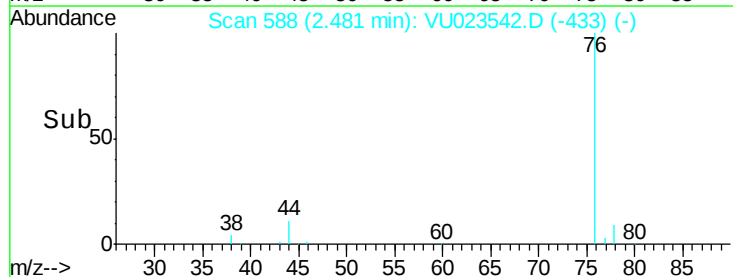
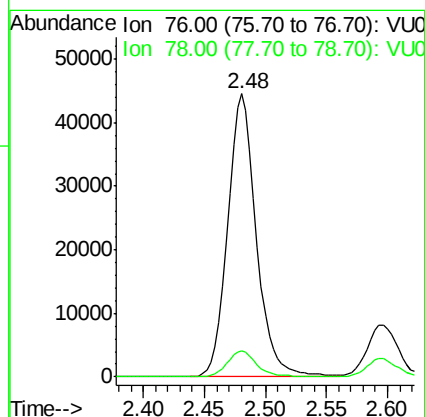
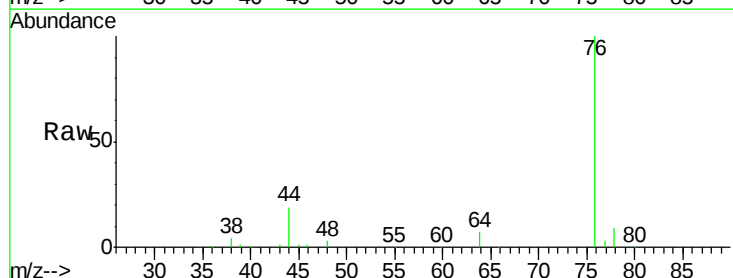
Acq: 30 Apr 2018 22:25

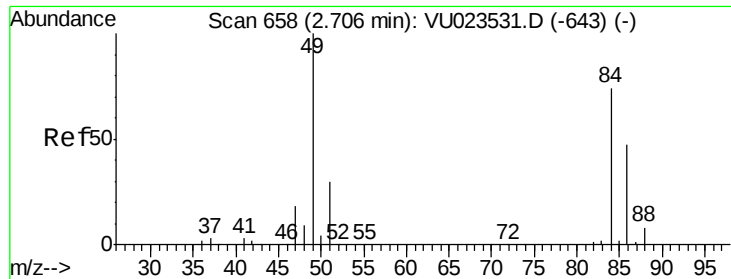
Tgt Ion: 76 Resp: 73370

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

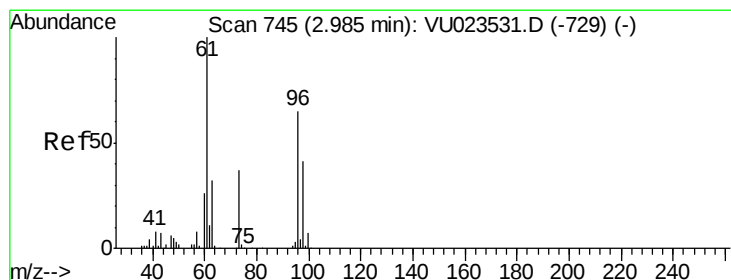
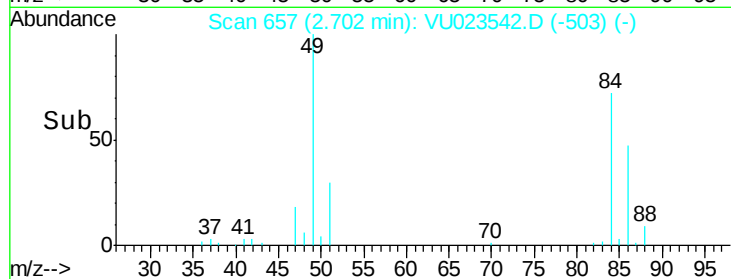
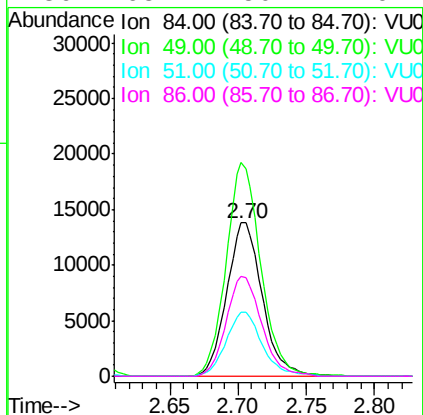
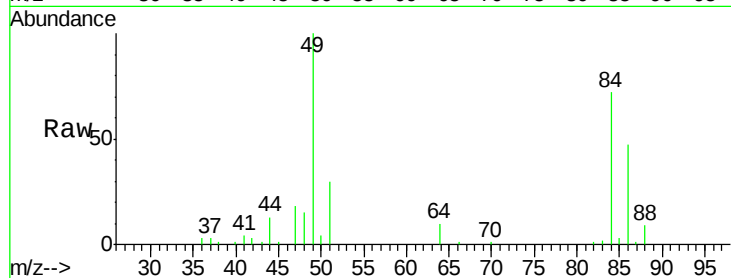




#15
Methylene Chloride
Concen: 2.02 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

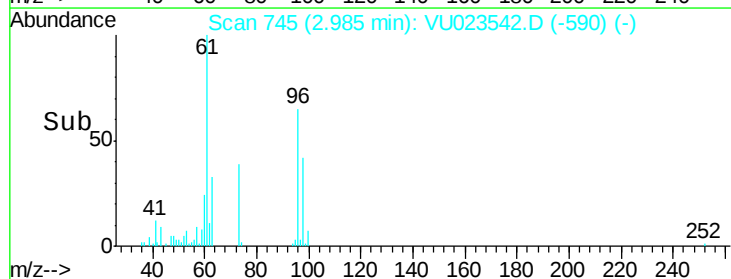
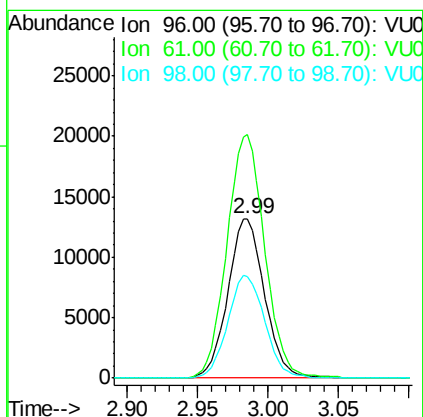
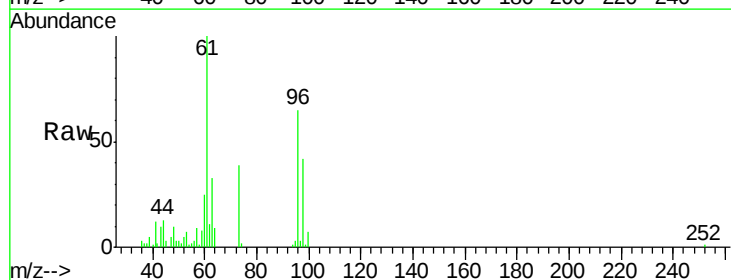
Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

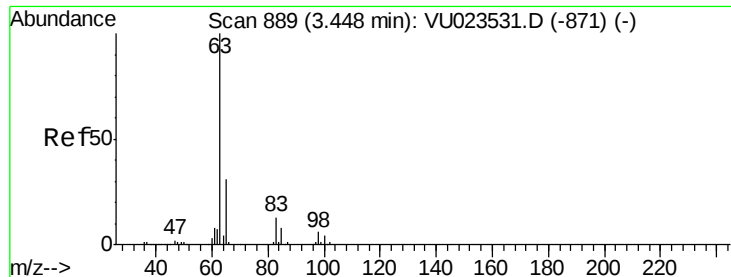
Tgt Ion: 84 Resp: 25000
Ion Ratio Lower Upper
84 100
49 139.2 108.7 163.1
51 41.4 0.0 82.4
86 65.1 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 2.06 ug/l
RT: 2.99 min Scan# 745
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 96 Resp: 23972
Ion Ratio Lower Upper
96 100
61 153.0 123.9 185.9
98 63.9 50.6 76.0

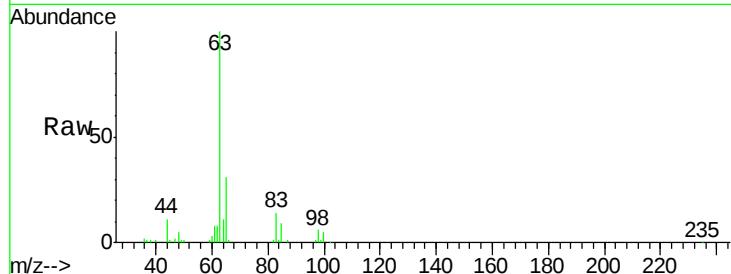




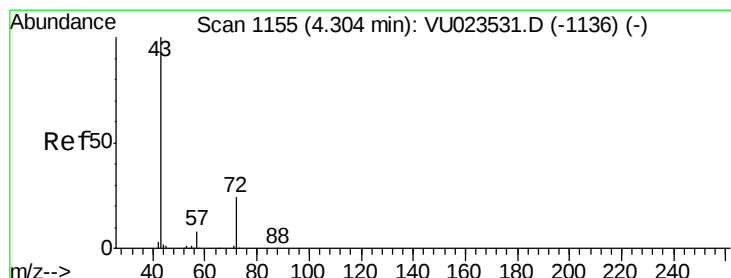
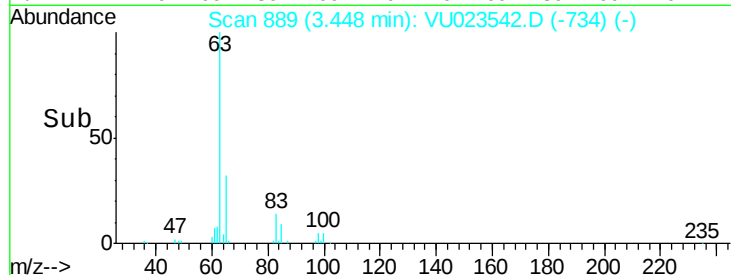
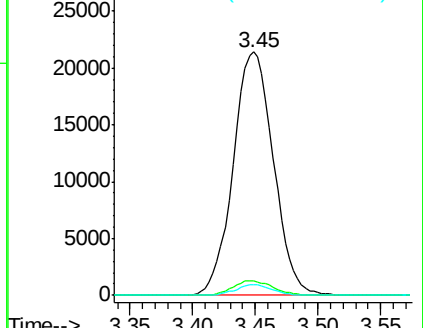
#17
 1,1-Dichloroethane
 Concen: 2.08 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

Tgt Ion: 63 Resp: 47736
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 4.6 2.0 5.8

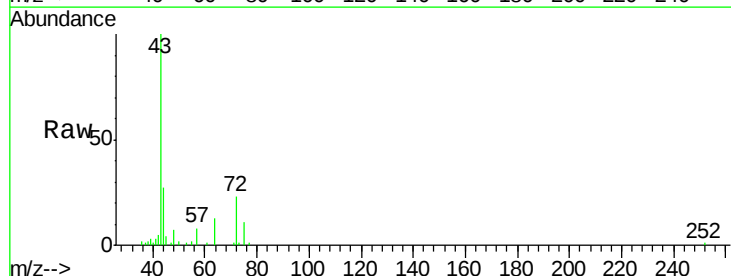


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

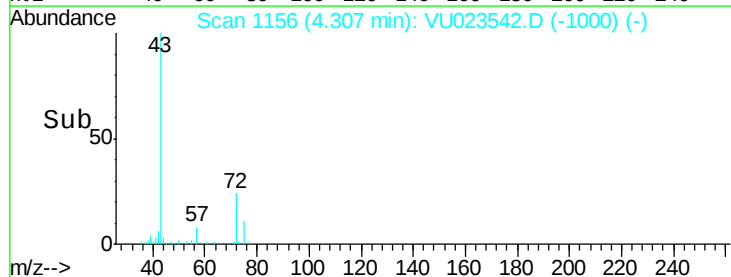
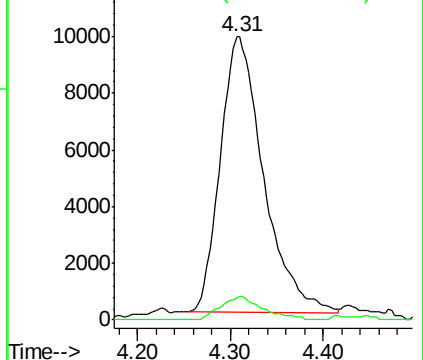


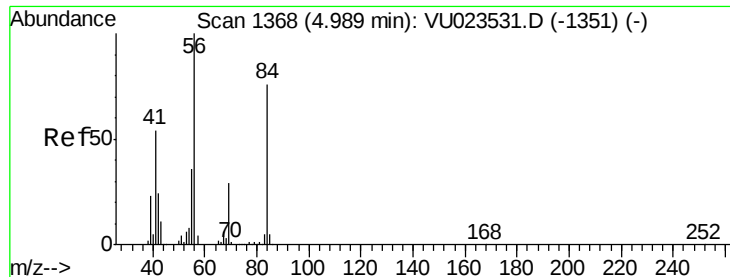
#18
 2-Butanone
 Concen: 10.23 ug/l
 RT: 4.31 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 43 Resp: 31475
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 15.8



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





#19

Cyclohexane

Concen: 2.07 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0430WBSD01

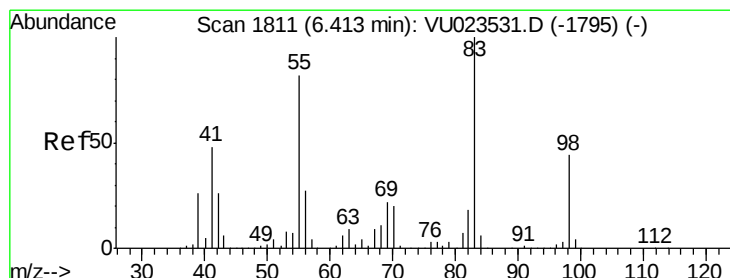
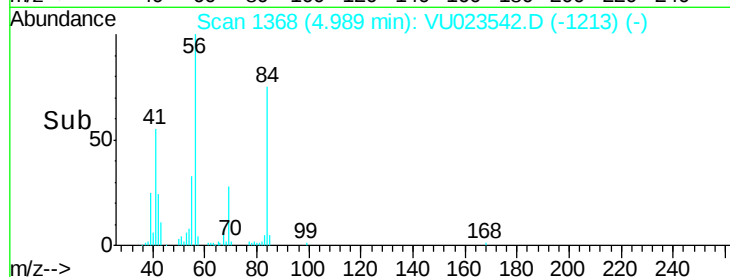
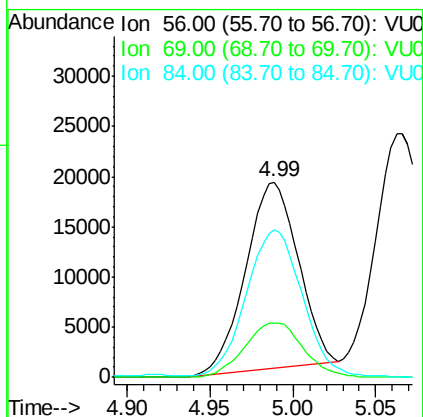
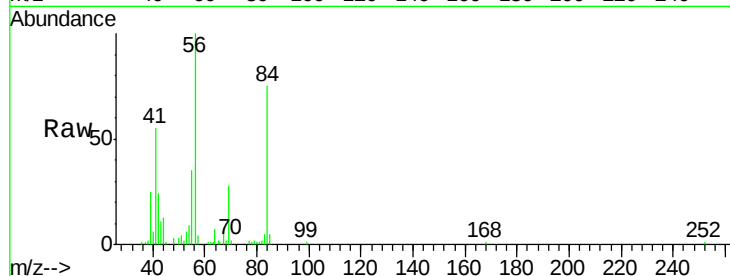
Tgt Ion: 56 Resp: 41066

Ion Ratio Lower Upper

56 100

69 32.4 26.0 39.0

84 84.0 68.3 102.5



#20

Methylcyclohexane

Concen: 1.81 ug/l

RT: 6.41 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

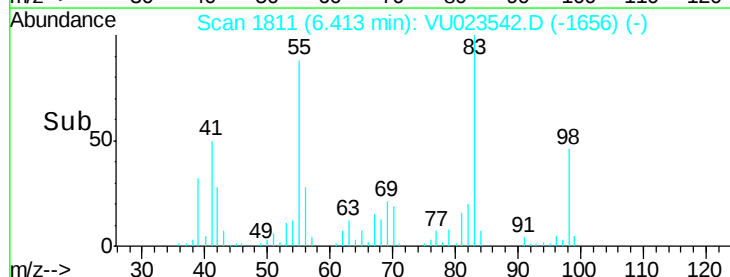
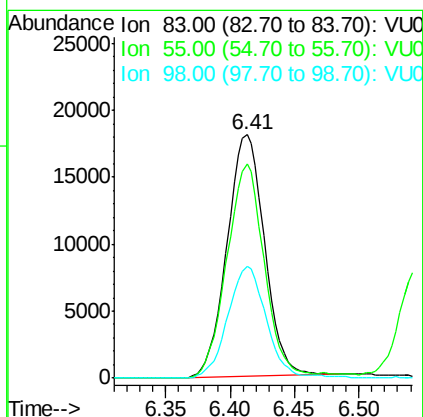
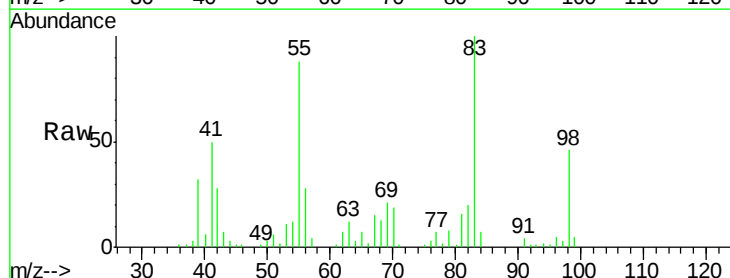
Tgt Ion: 83 Resp: 36578

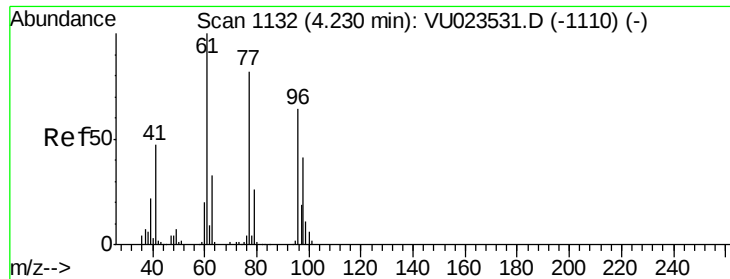
Ion Ratio Lower Upper

83 100

55 85.8 66.4 99.6

98 45.3 35.4 53.2





#21

2,2-Dichloropropane

Concen: 1.93 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

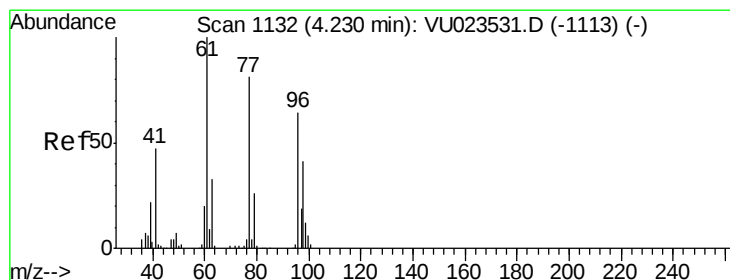
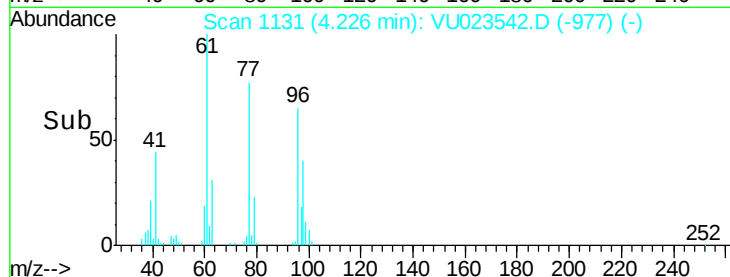
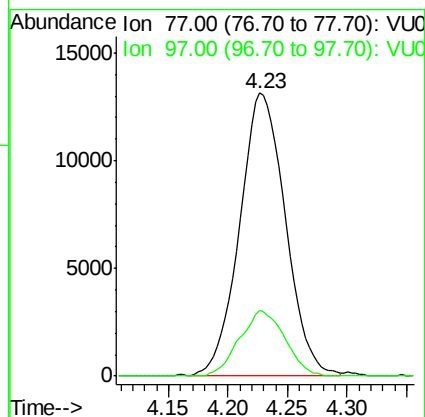
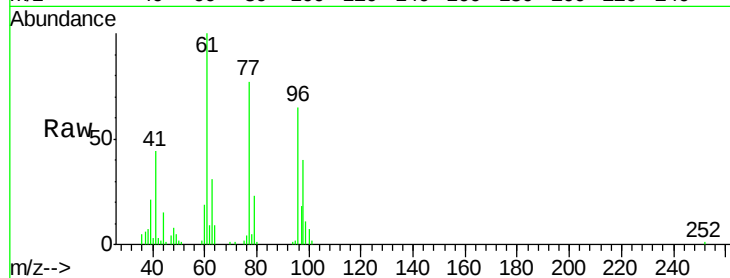
VU0430WBSD01

Tgt Ion: 77 Resp: 35072

Ion Ratio Lower Upper

77 100

97 22.9 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 2.09 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

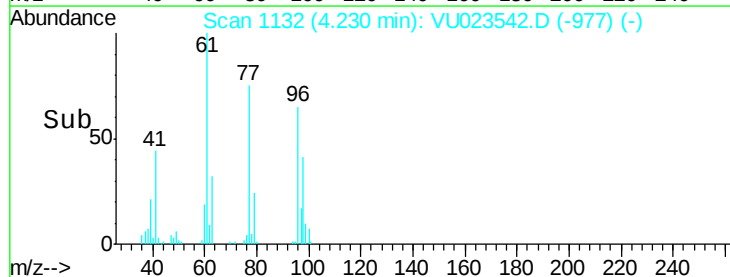
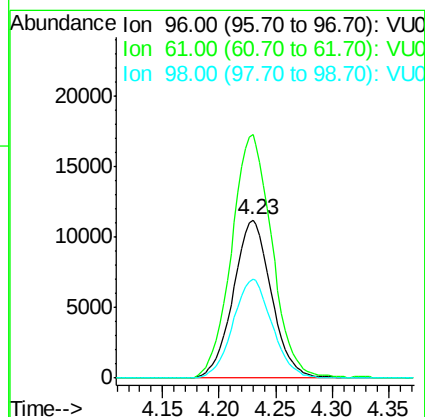
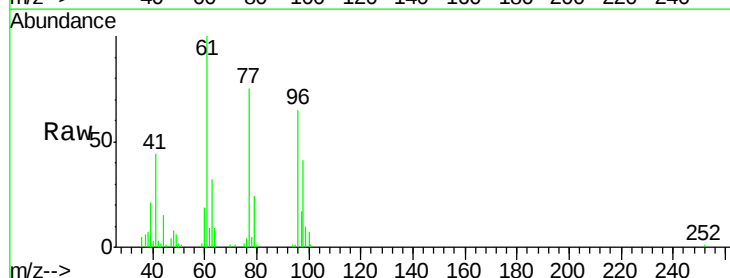
Tgt Ion: 96 Resp: 26409

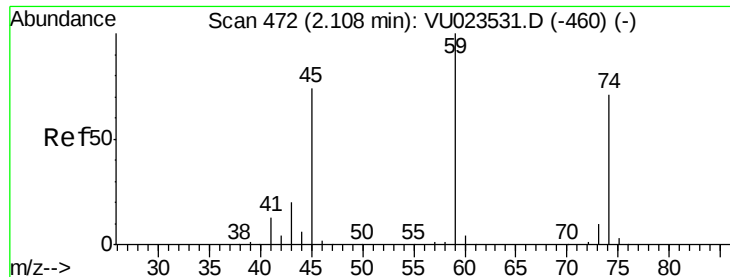
Ion Ratio Lower Upper

96 100

61 162.3 0.0 400.5

98 63.8 32.2 96.6

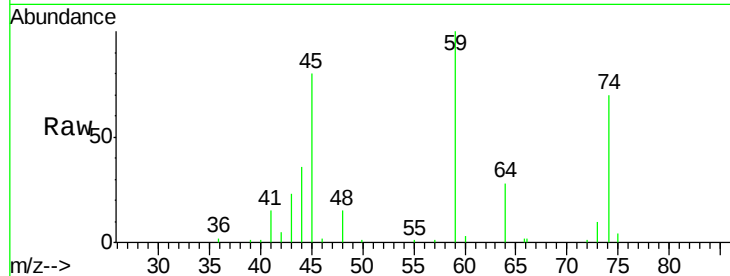




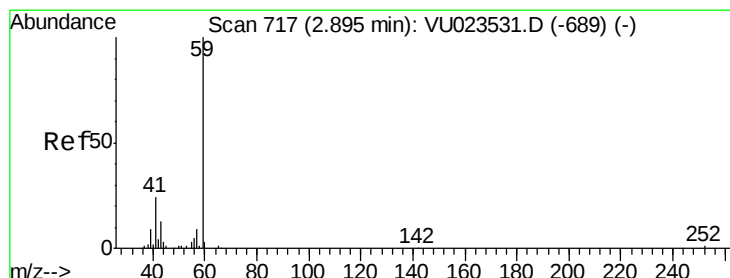
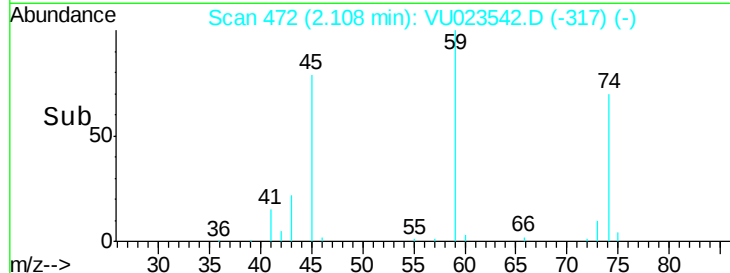
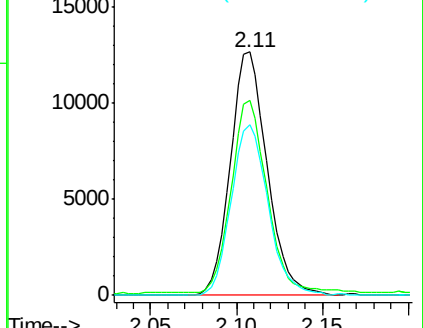
#23
Diethyl Ether
Concen: 2.12 ug/l
RT: 2.11 min Scan# 472
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

Tgt Ion: 59 Resp: 18833
Ion Ratio Lower Upper
59 100
45 77.4 60.0 90.0
74 70.3 56.5 84.7

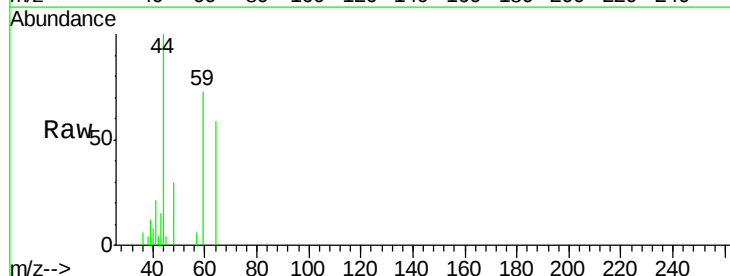


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

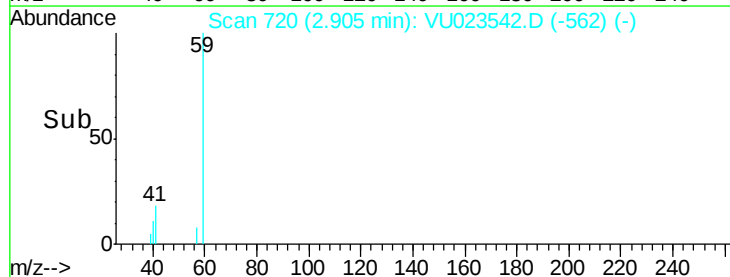
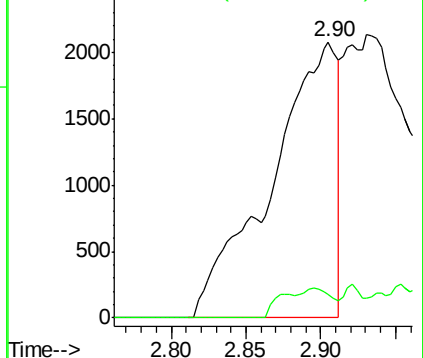


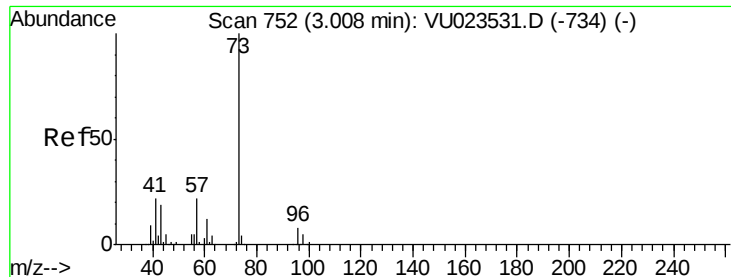
#24
tert-Butyl Alcohol
Concen: 9.84 ug/l
RT: 2.90 min Scan# 720
Delta R.T. 0.01 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 59 Resp: 6368
Ion Ratio Lower Upper
59 100
57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 2.09 ug/l

RT: 3.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

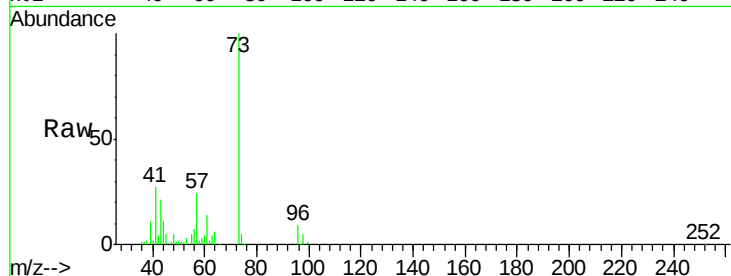
VU0430WBSD01

Tgt Ion: 73 Resp: 57204

Ion Ratio Lower Upper

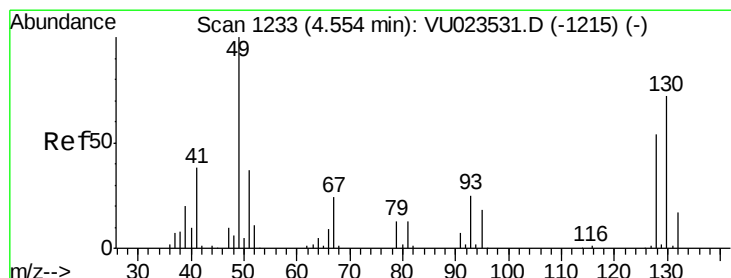
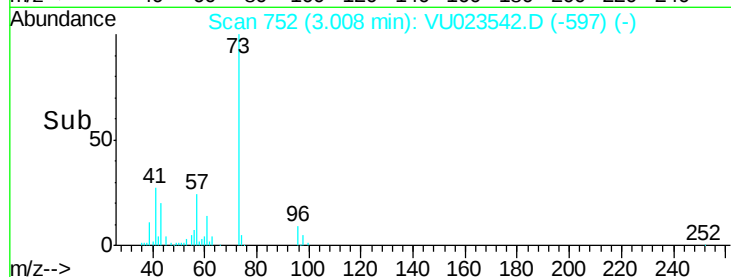
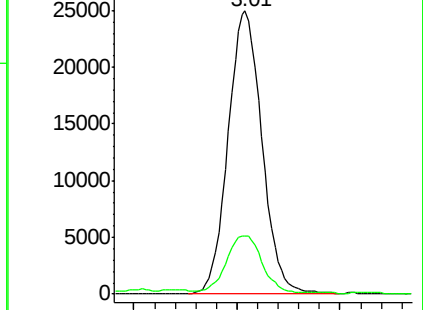
73 100

43 21.0 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VU023531.D (-734) (-)

Ion 43.00 (42.70 to 43.70): VU023531.D (-734) (-)



#26

Bromochloromethane

Concen: 2.12 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

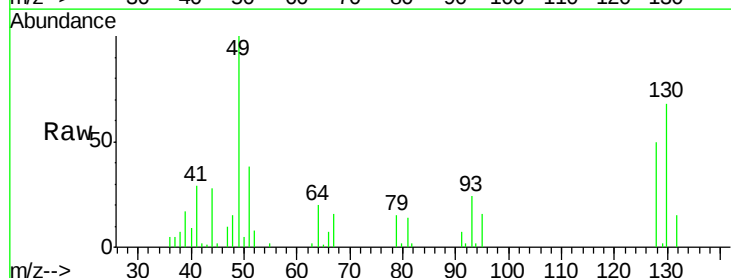
Tgt Ion: 128 Resp: 10581

Ion Ratio Lower Upper

128 100

49 188.4 0.0 375.2

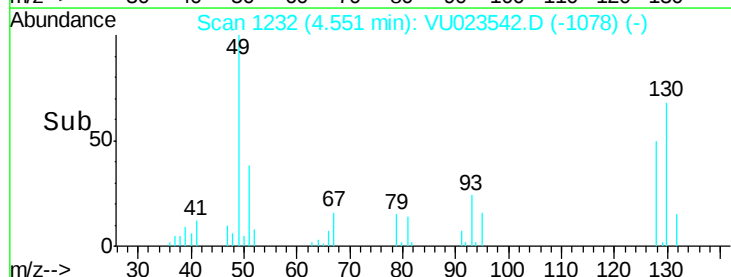
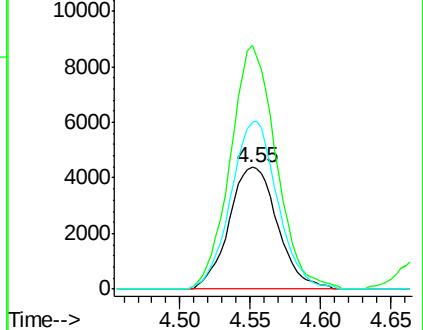
130 132.4 105.8 158.6

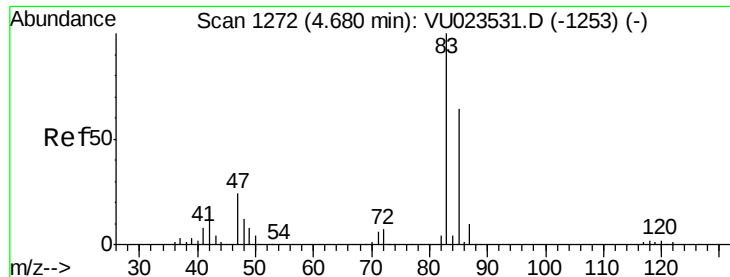


Abundance Ion 128.00 (127.70 to 128.70): VU023531.D (-1215) (-)

Ion 49.00 (48.70 to 49.70): VU023531.D (-1215) (-)

Ion 130.00 (129.70 to 130.70): VU023531.D (-1215) (-)

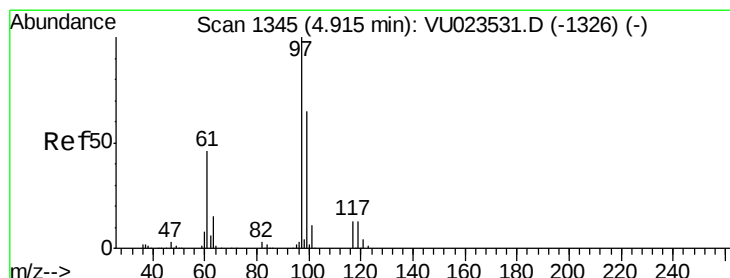
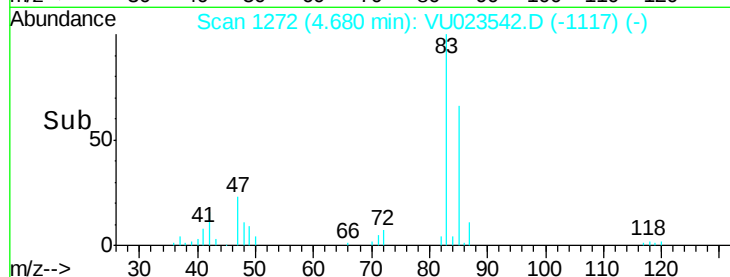
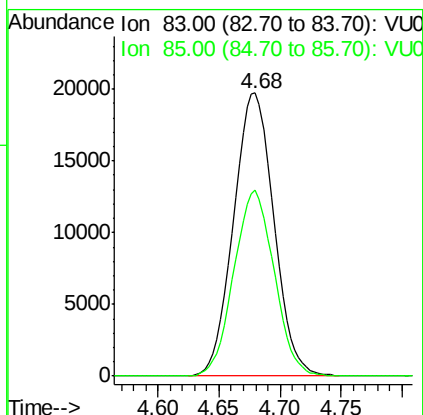
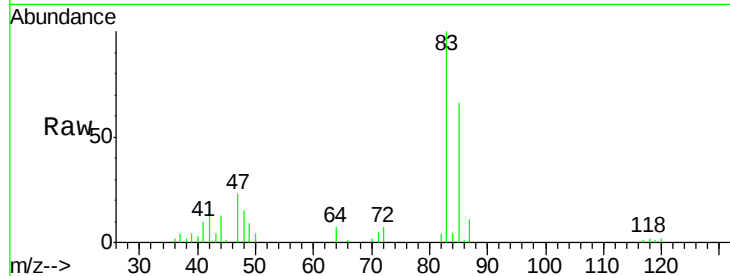




#27
 Chloroform
 Concen: 2.09 ug/l
 RT: 4.68 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

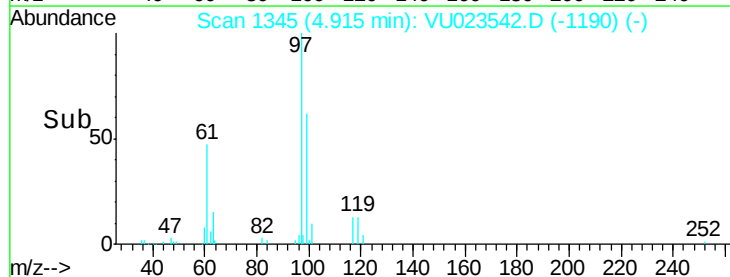
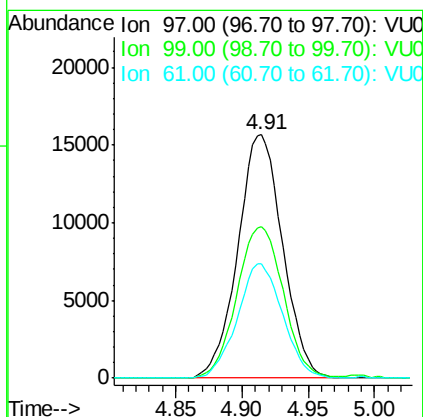
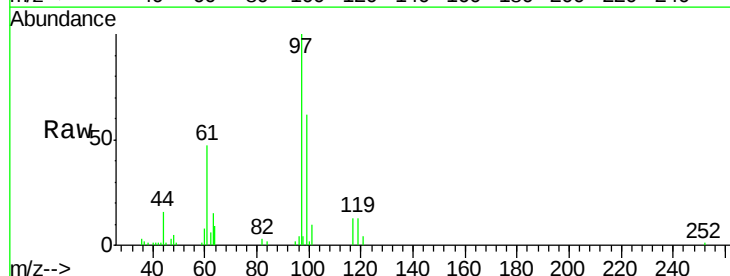
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

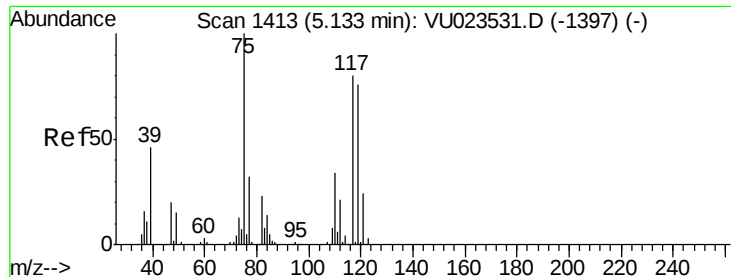
Tgt Ion: 83 Resp: 45220
 Ion Ratio Lower Upper
 83 100
 85 65.8 0.0 128.4



#28
 1,1,1-Trichloroethane
 Concen: 2.07 ug/l
 RT: 4.91 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 97 Resp: 36745
 Ion Ratio Lower Upper
 97 100
 99 64.7 32.3 96.9
 61 47.3 23.2 69.5





#29

1,1-Dichloropropene

Concen: 2.05 ug/l

RT: 5.13 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0430WBSD01

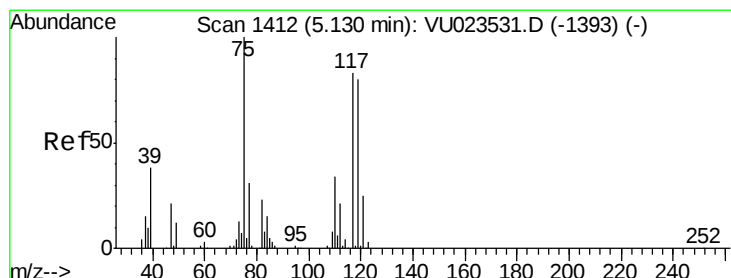
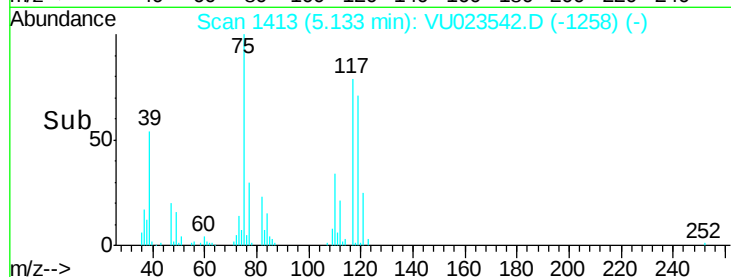
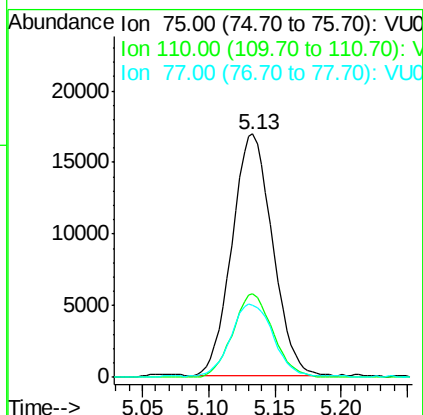
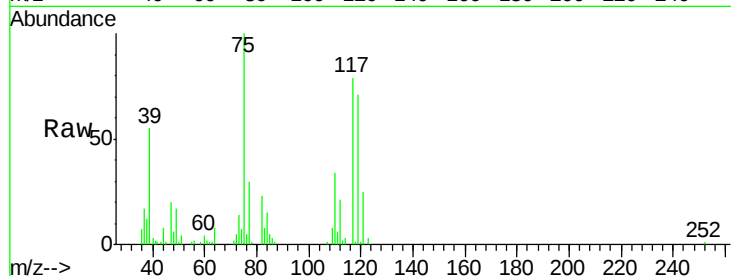
Tgt Ion: 75 Resp: 35718

Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.7

77 32.4 24.8 37.2



#30

Carbon Tetrachloride

Concen: 2.04 ug/l

RT: 5.13 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

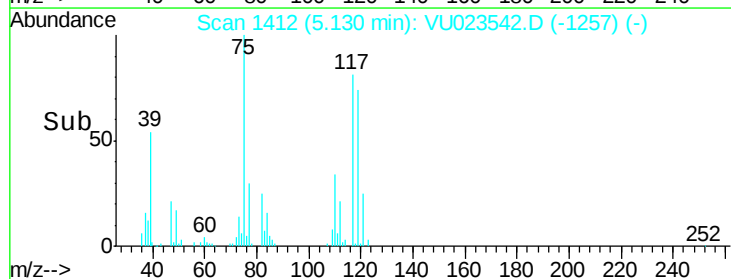
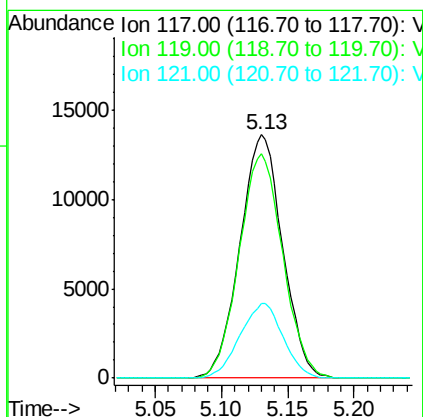
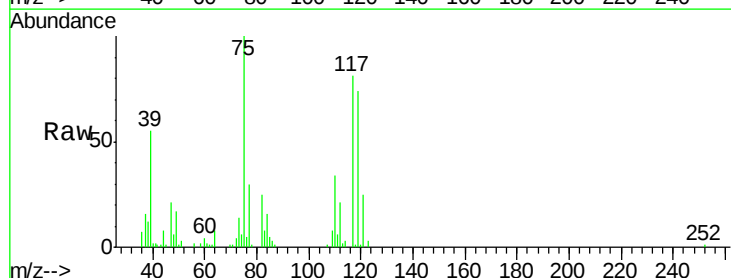
Tgt Ion: 117 Resp: 30420

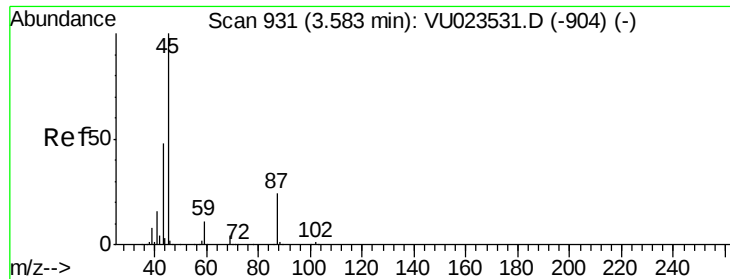
Ion Ratio Lower Upper

117 100

119 91.9 77.3 115.9

121 30.4 24.5 36.7





#31

Isopropyl Ether

Concen: 2.00 ug/l

RT: 3.58 min Scan# 931

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

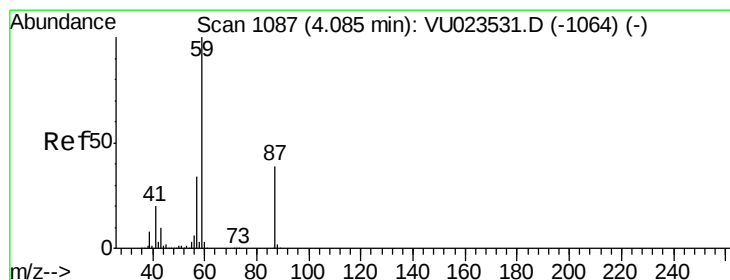
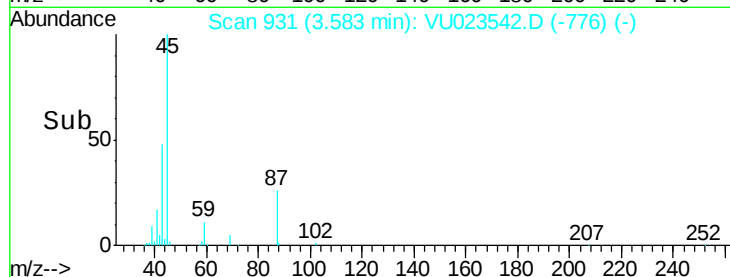
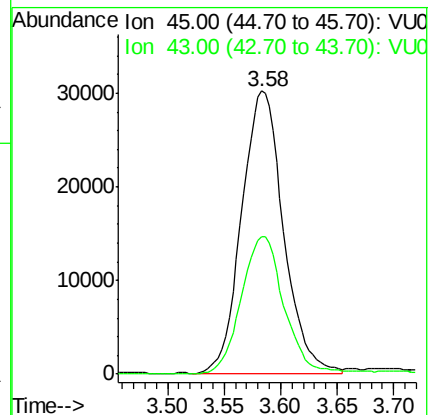
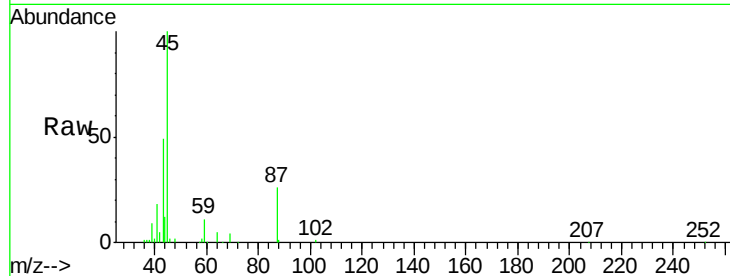
VU0430WBSD01

Tgt Ion: 45 Resp: 77373

Ion Ratio Lower Upper

45 100

43 50.0 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 2.03 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VU023542.D

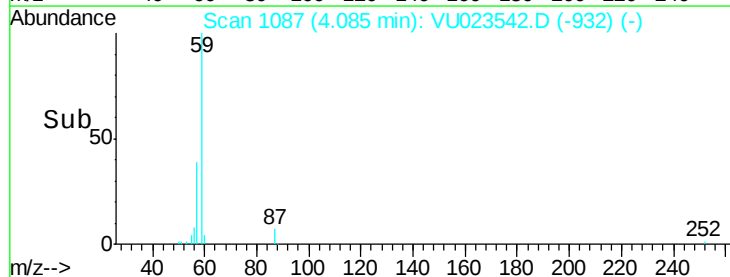
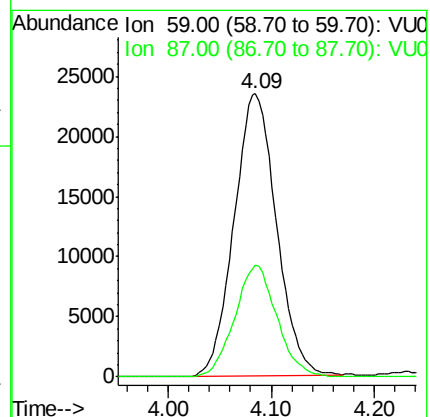
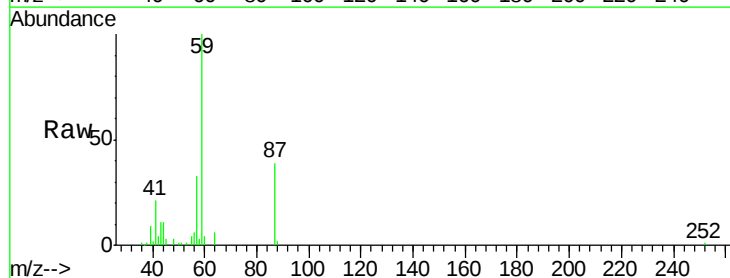
Acq: 30 Apr 2018 22:25

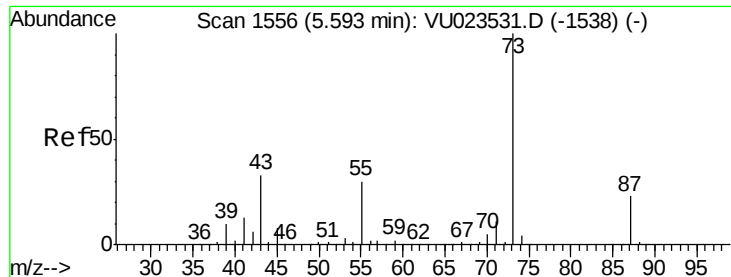
Tgt Ion: 59 Resp: 67045

Ion Ratio Lower Upper

59 100

87 39.2 31.0 46.6

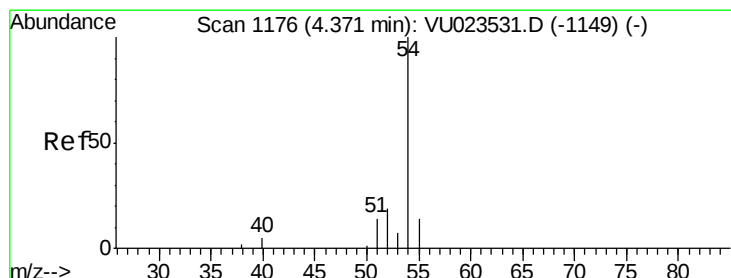
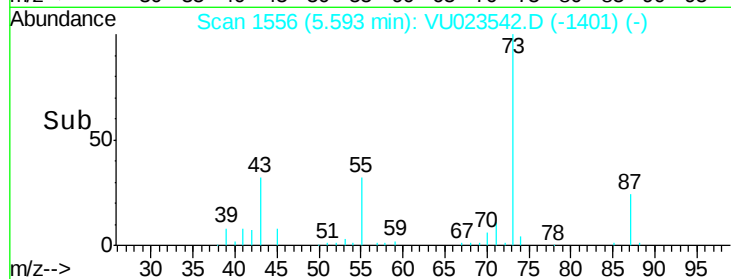
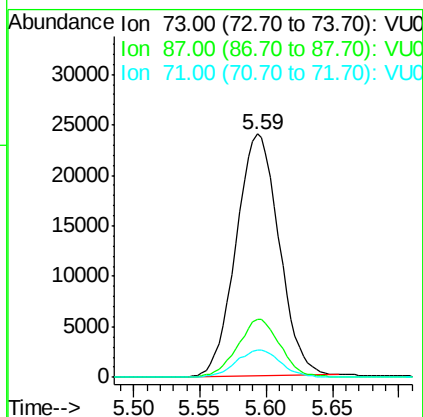
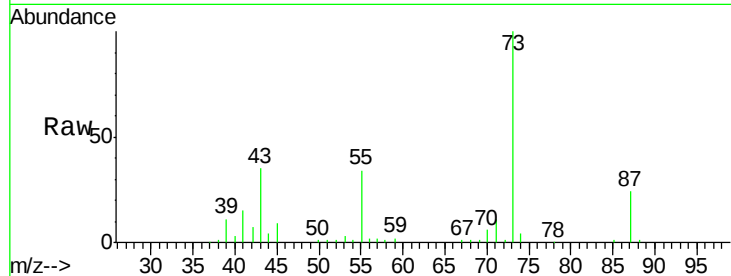




#33
Tert-Amyl methyl ether
Concen: 1.93 ug/l
RT: 5.59 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

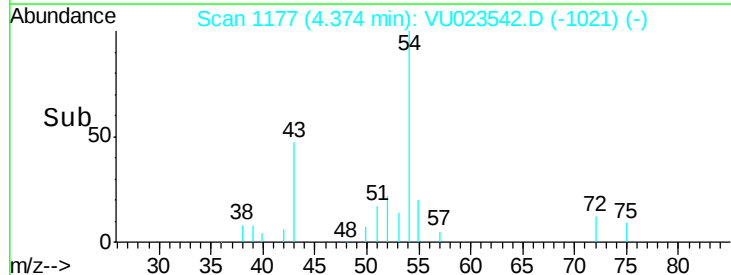
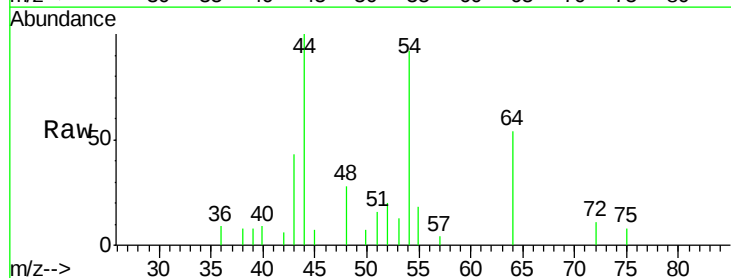
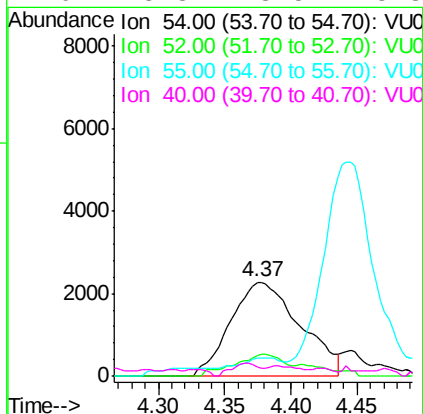
Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

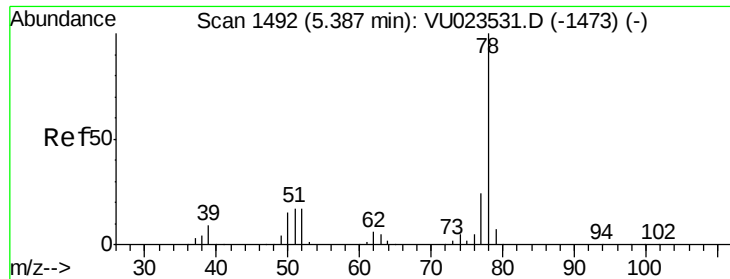
Tgt Ion: 73 Resp: 54067
Ion Ratio Lower Upper
73 100
87 23.8 18.6 28.0
71 11.7 9.3 13.9



#34
Propionitrile
Concen: 9.46 ug/l
RT: 4.37 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 54 Resp: 8288
Ion Ratio Lower Upper
54 100
52 10.8 13.7 20.5#
55 6.7 10.2 15.2#
40 5.3 3.5 5.3#





#35

Benzene

Concen: 2.03 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

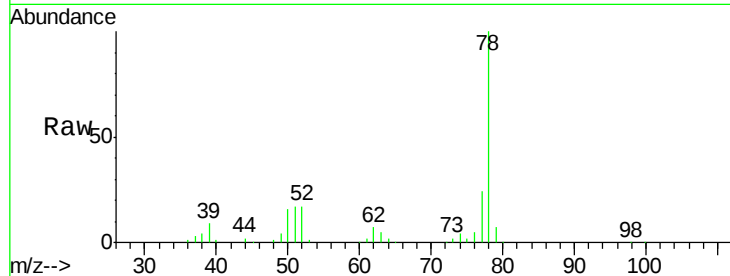
VU0430WBSD01

Tgt Ion: 78 Resp: 105069

Ion Ratio Lower Upper

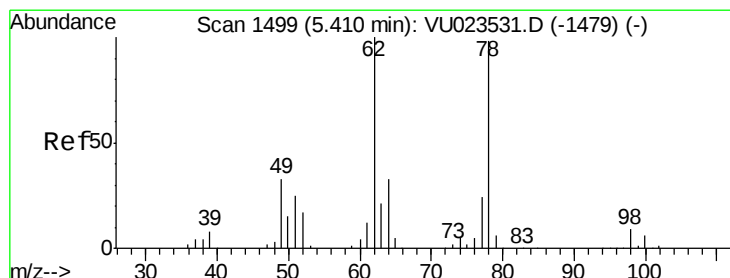
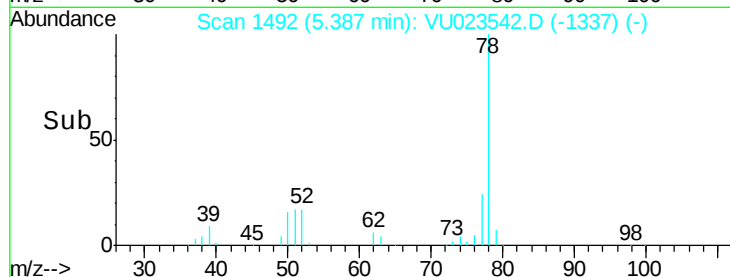
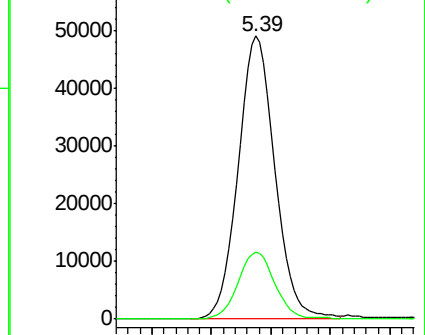
78 100

77 23.6 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 2.12 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU023542.D

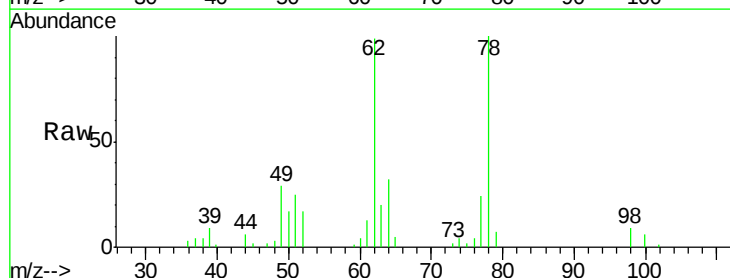
Acq: 30 Apr 2018 22:25

Tgt Ion: 62 Resp: 31068

Ion Ratio Lower Upper

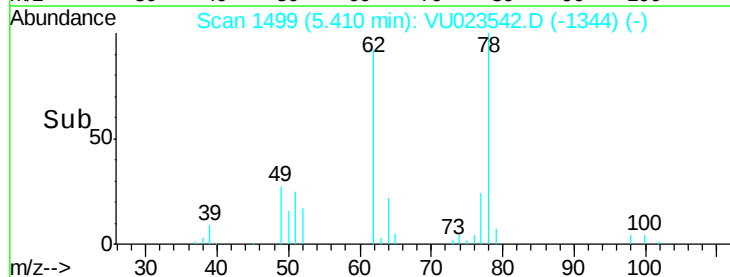
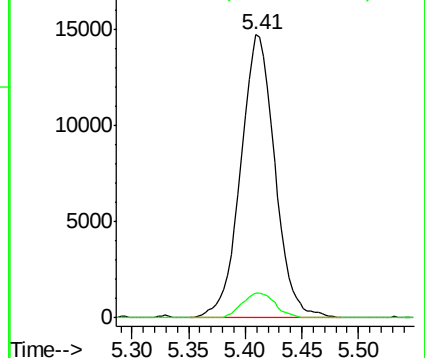
62 100

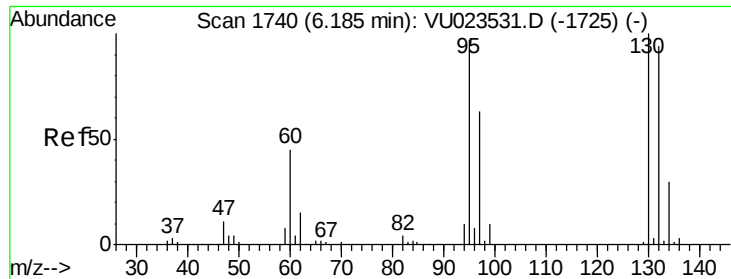
98 8.5 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 2.02 ug/l

RT: 6.18 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

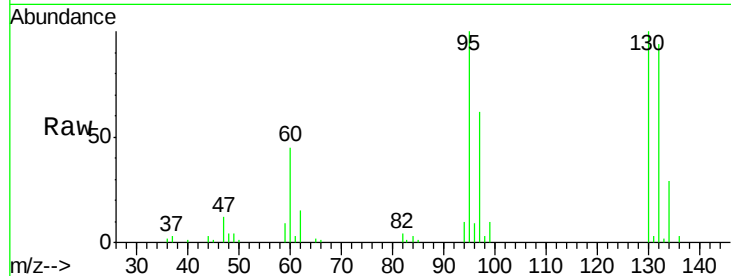
VU0430WBSD01

Tgt Ion:130 Resp: 28046

Ion Ratio Lower Upper

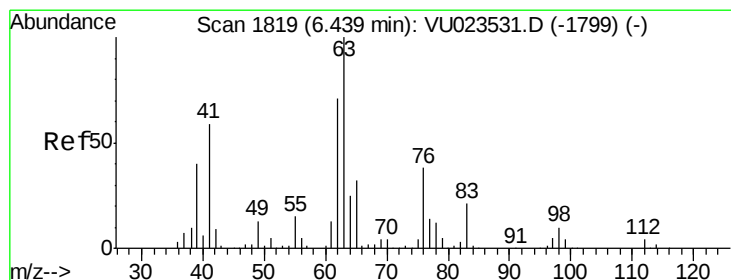
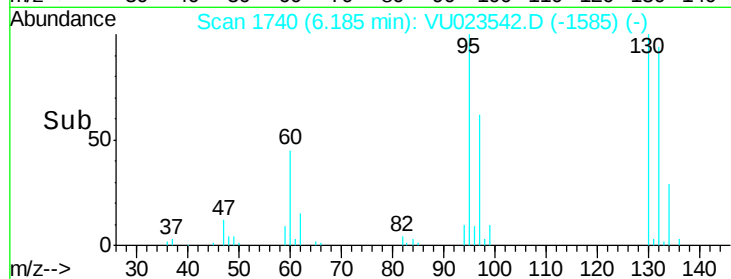
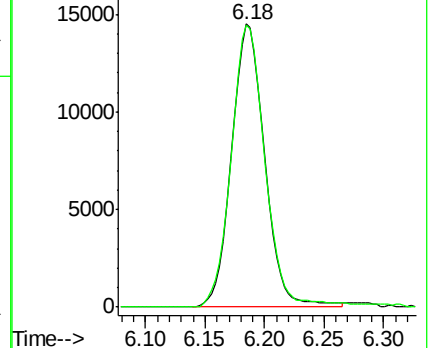
130 100

95 99.8 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 2.08 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU023542.D

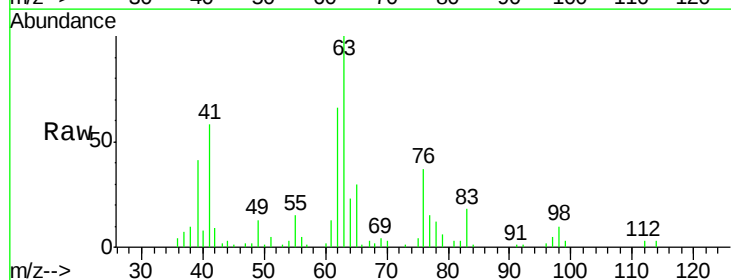
Acq: 30 Apr 2018 22:25

Tgt Ion: 63 Resp: 29546

Ion Ratio Lower Upper

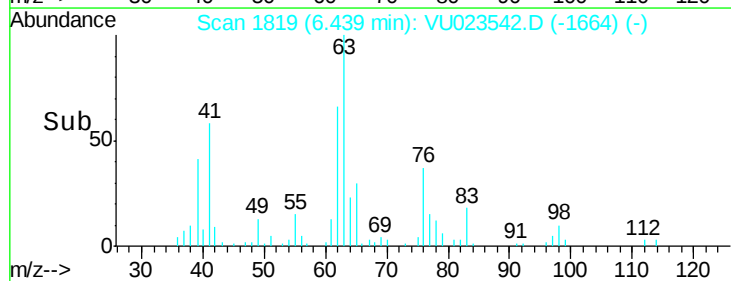
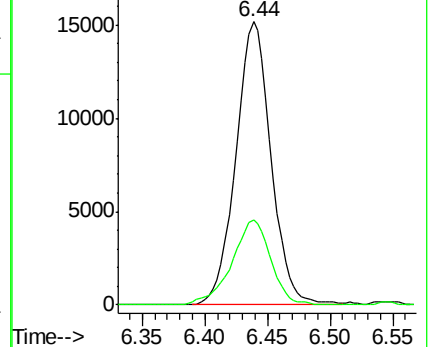
63 100

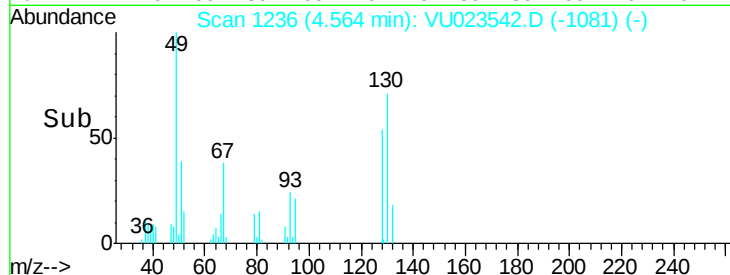
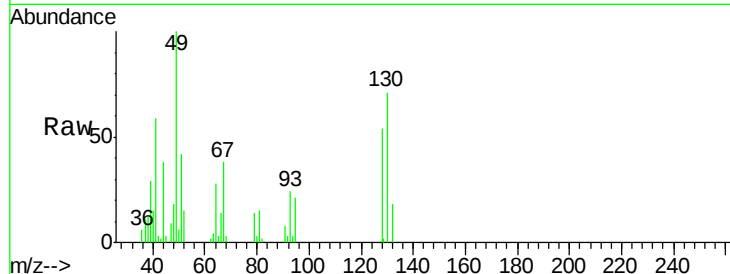
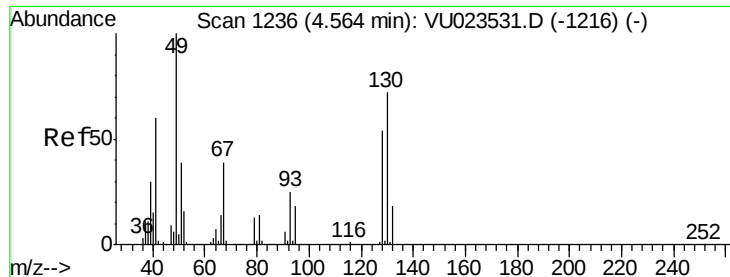
65 29.9 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0





#39

Methacrylonitrile

Concen: 2.11 ug/l

RT: 4.56 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0430WBSD01

Tgt Ion: 41 Resp: 9453

Ion Ratio Lower Upper

41 100

67 63.9 51.3 76.9

39 54.6 40.6 60.8

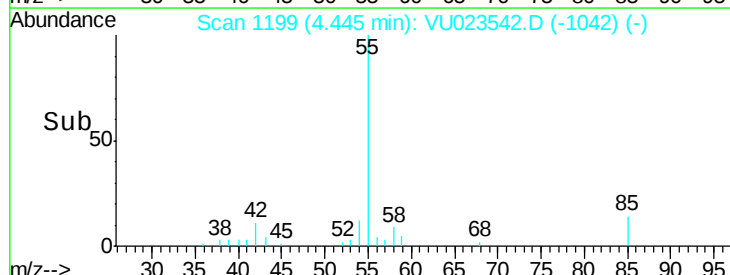
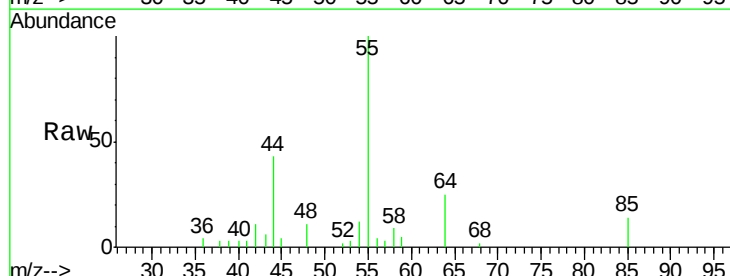
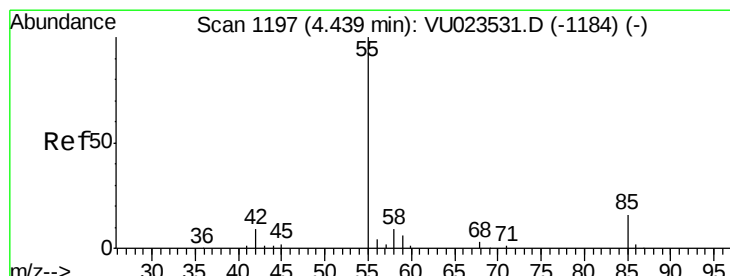
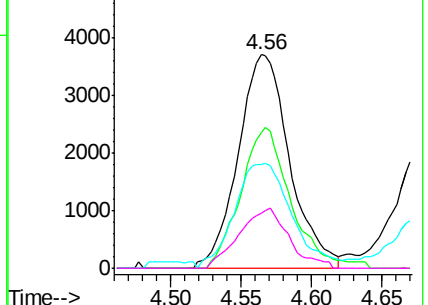
52 27.0 21.5 32.3

Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 2.35 ug/l

RT: 4.45 min Scan# 1199

Delta R.T. 0.01 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Tgt Ion: 55 Resp: 14618

Ion Ratio Lower Upper

55 100

85 13.7 12.3 18.5

58 7.9 7.0 10.6

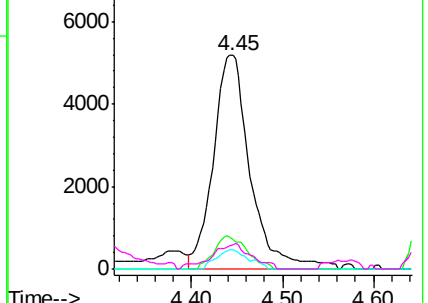
42 12.7 7.0 10.4#

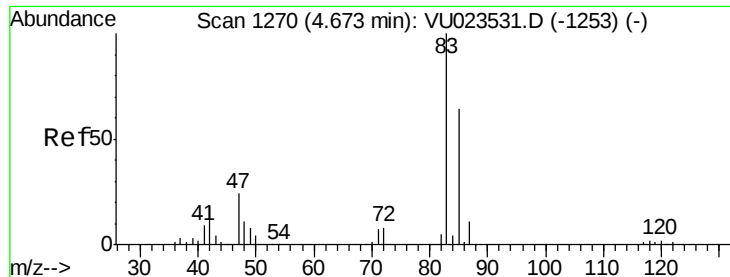
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

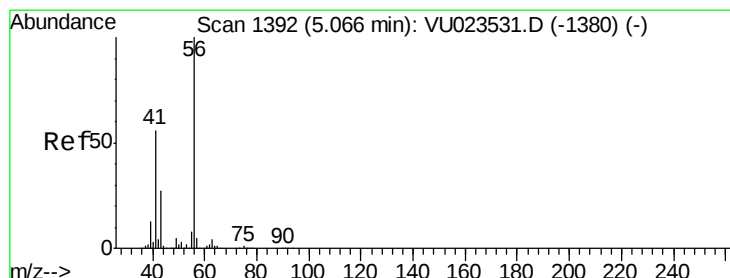
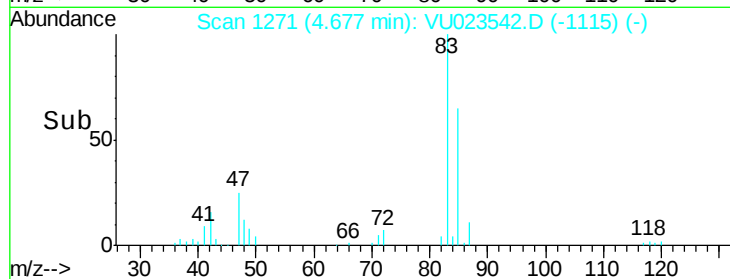
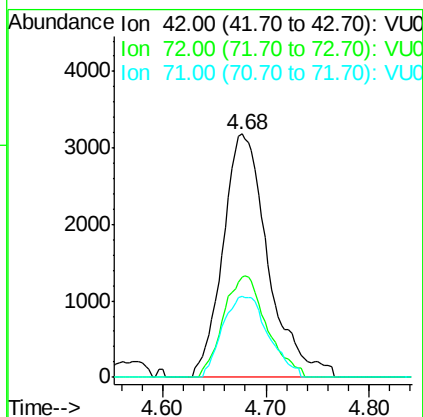
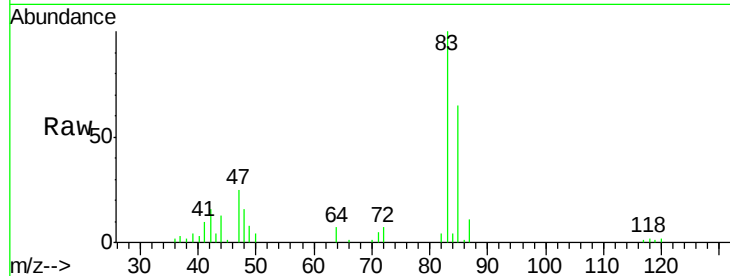




#41
Tetrahydrofuran
Concen: 4.20 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

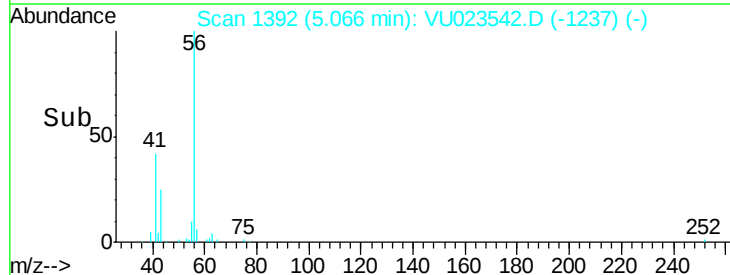
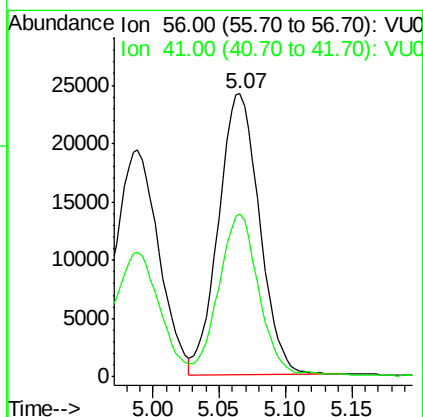
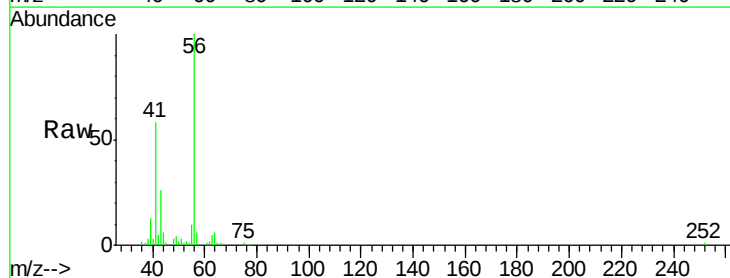
Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

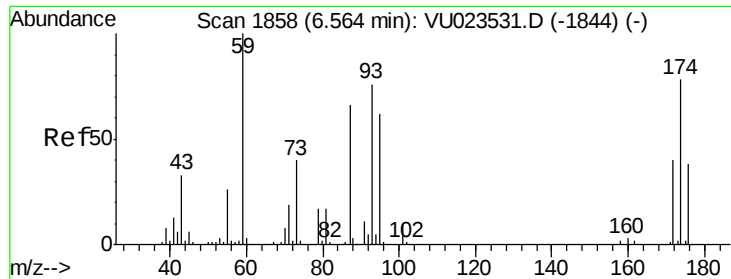
Tgt Ion: 42 Resp: 9700
Ion Ratio Lower Upper
42 100
72 39.9 33.2 49.8
71 33.6 29.8 44.8



#42
1-Chlorobutane
Concen: 2.06 ug/l
RT: 5.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 56 Resp: 51856
Ion Ratio Lower Upper
56 100
41 54.1 27.5 82.5





#43

Dibromomethane

Concen: 2.16 ug/l

RT: 6.57 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0430WBSD01

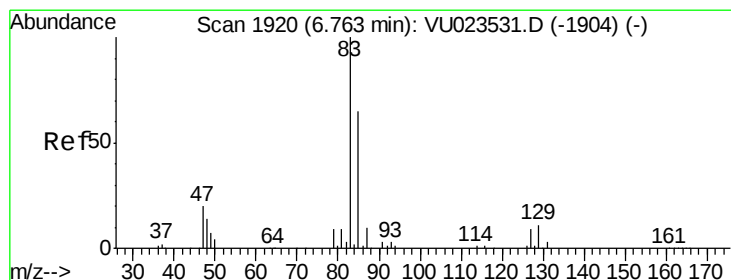
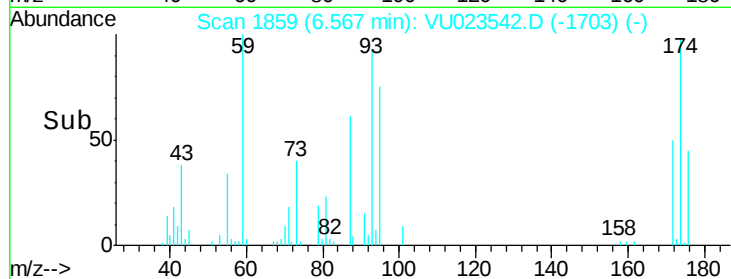
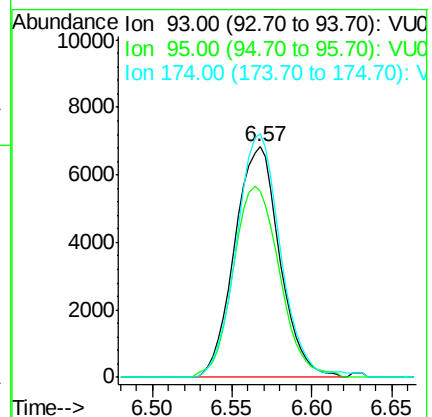
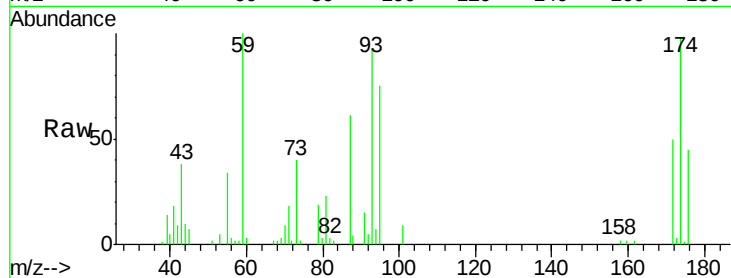
Tgt Ion: 93 Resp: 13155

Ion Ratio Lower Upper

93 100

95 84.9 67.2 100.8

174 102.1 82.8 124.2



#44

Bromodichloromethane

Concen: 2.05 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

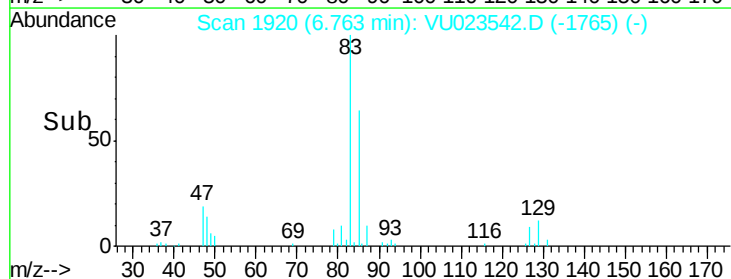
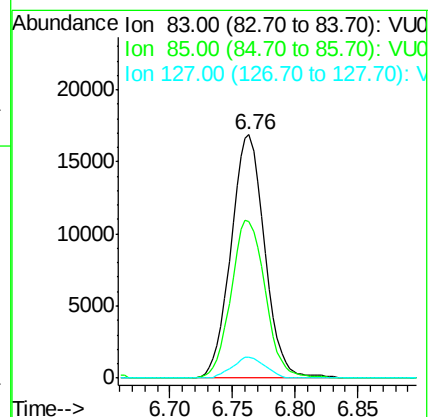
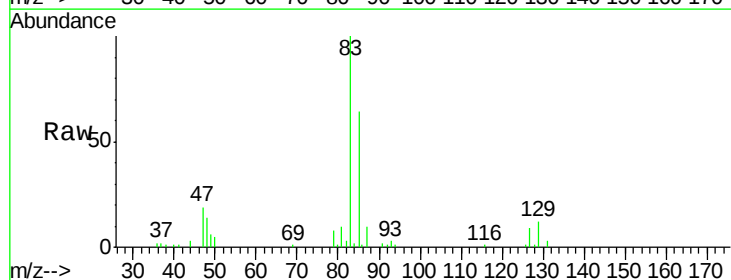
Tgt Ion: 83 Resp: 31484

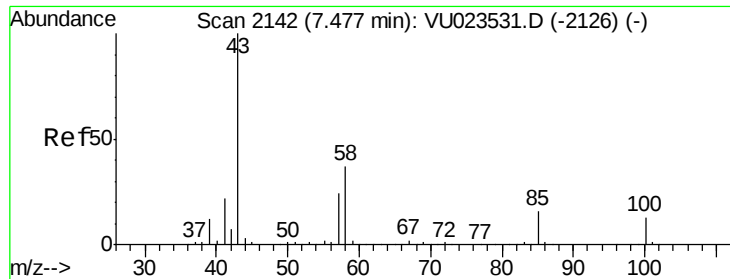
Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

127 8.6 7.0 10.4

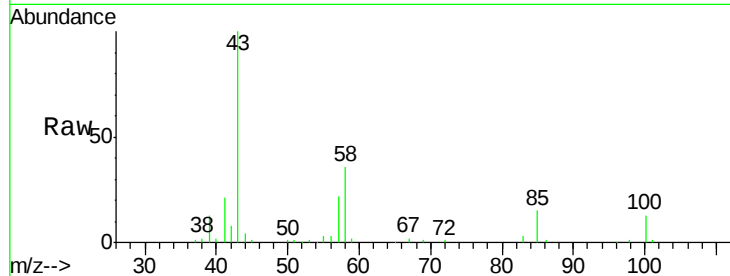




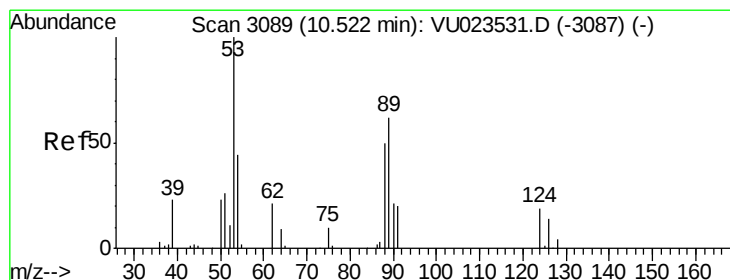
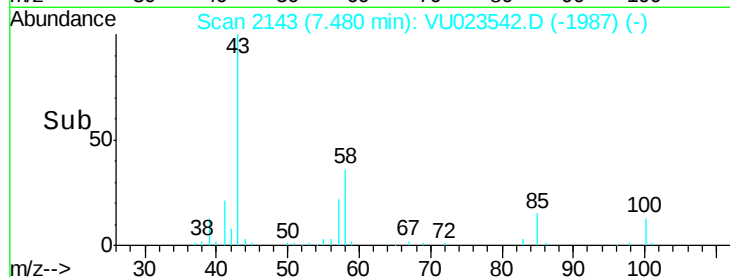
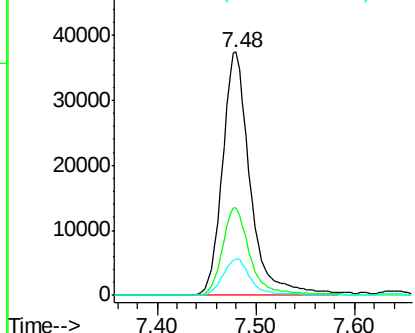
#45
4-Methyl-2-Pentanone
Concen: 10.24 ug/l
RT: 7.48 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

Tgt Ion: 43 Resp: 73807
Ion Ratio Lower Upper
43 100
58 35.8 18.8 56.4
85 14.9 12.6 19.0

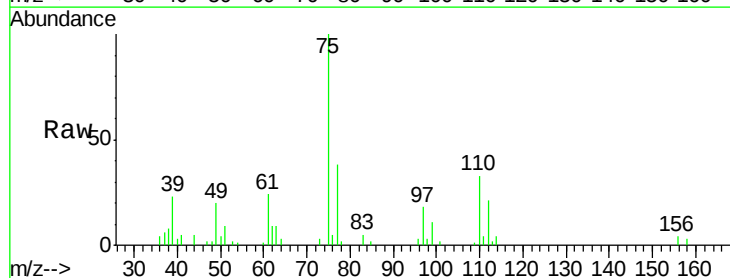


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

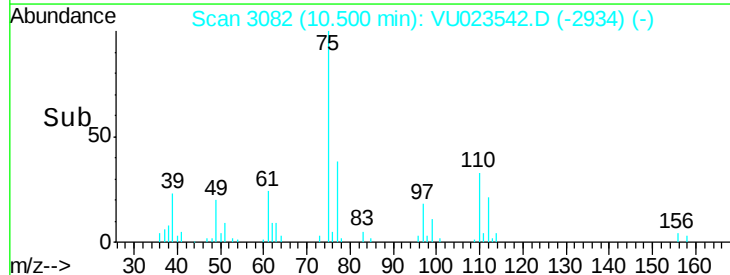
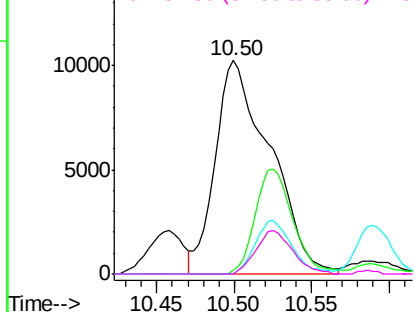


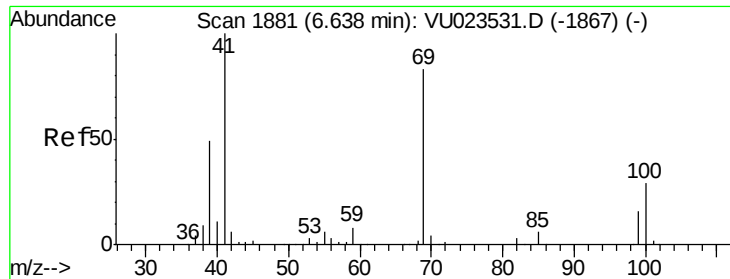
#46
t-1,4-Dichloro-2-butene
Concen: 11.85 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 75 Resp: 25258
Ion Ratio Lower Upper
75 100
53 33.9 82.2 123.4#
89 16.8 51.3 76.9#
88 13.5 37.4 56.2#



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

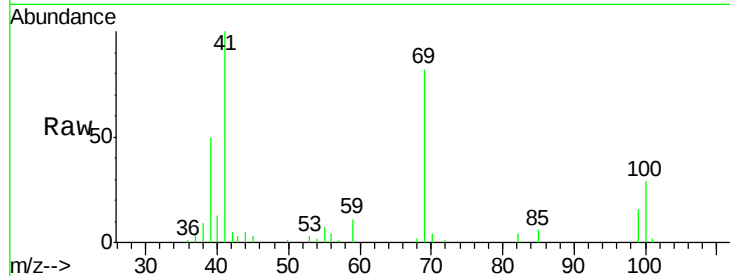




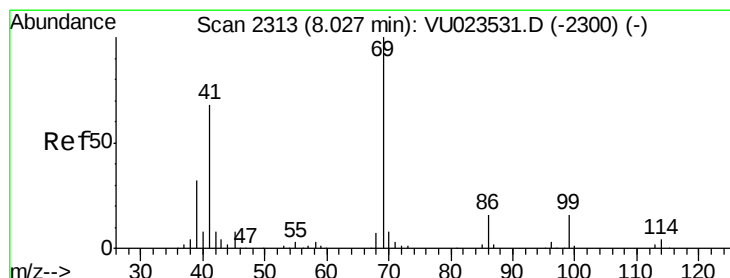
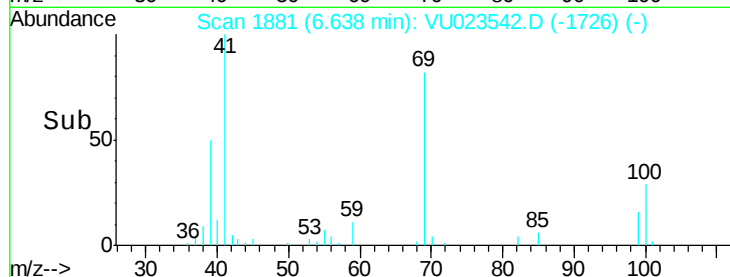
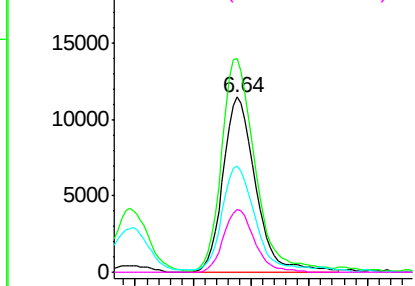
#47
Methyl methacrylate
Concen: 4.05 ug/l
RT: 6.64 min Scan# 1881
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

Tgt Ion: 69 Resp: 22362
Ion Ratio Lower Upper
69 100
41 122.5 0.0 245.4
39 59.1 49.0 73.4
100 34.0 27.8 41.8

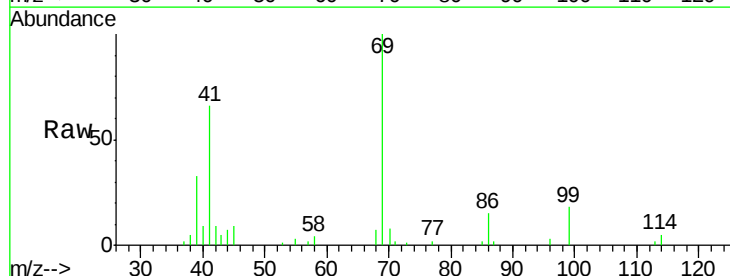


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

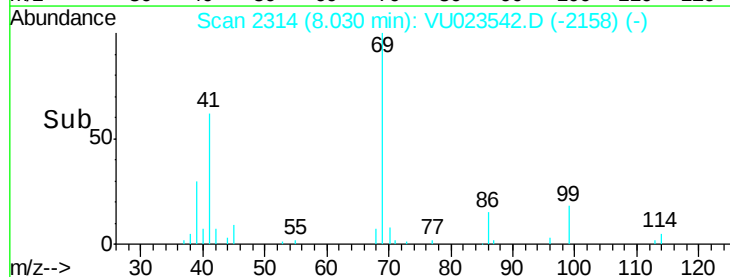
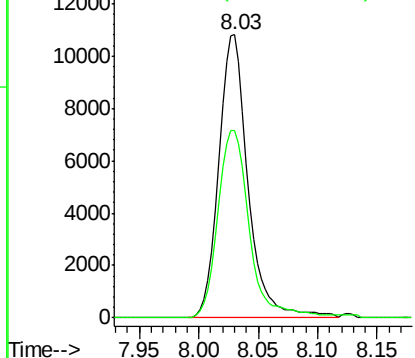


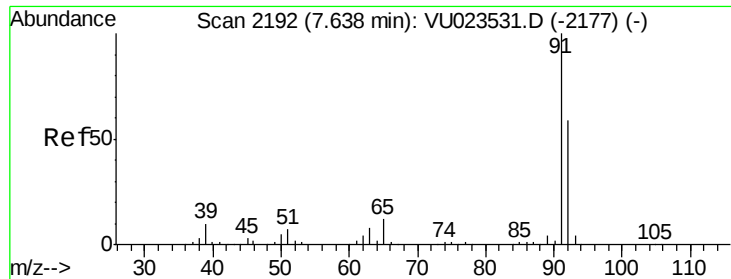
#48
Ethyl methacrylate
Concen: 1.91 ug/l
RT: 8.03 min Scan# 2314
Delta R.T. 0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 69 Resp: 18488
Ion Ratio Lower Upper
69 100
41 71.2 34.2 102.5



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





#49

Toluene

Concen: 2.04 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

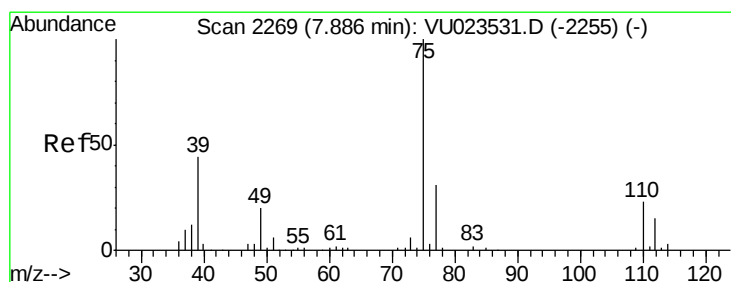
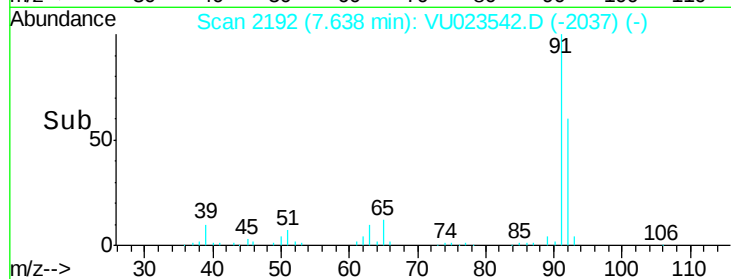
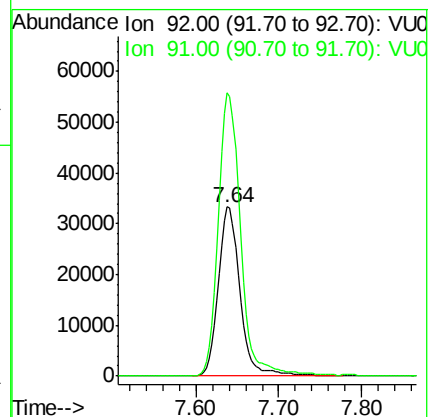
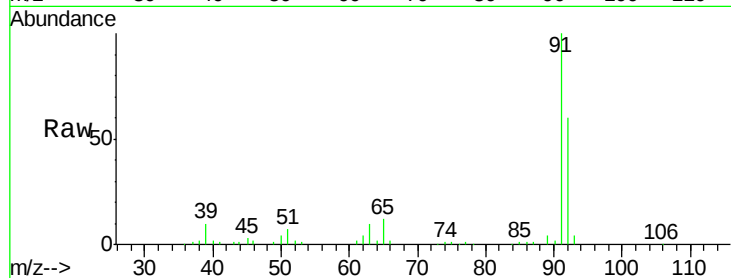
VU0430WBSD01

Tgt Ion: 92 Resp: 60897

Ion Ratio Lower Upper

92 100

91 171.4 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 2.01 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023542.D

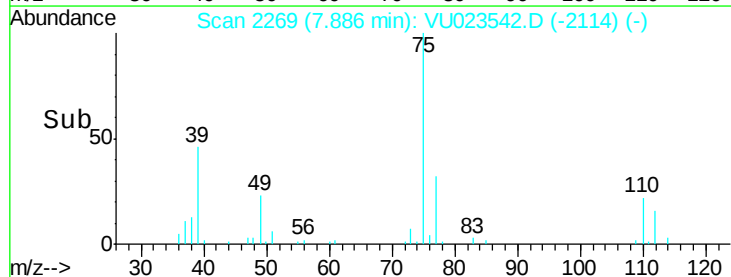
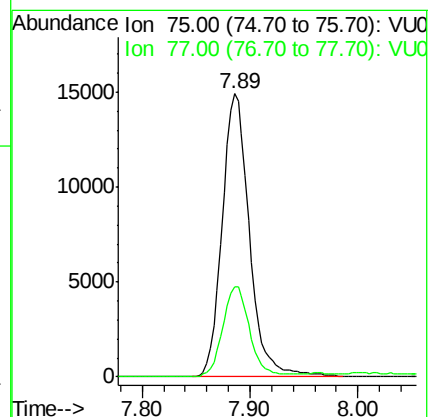
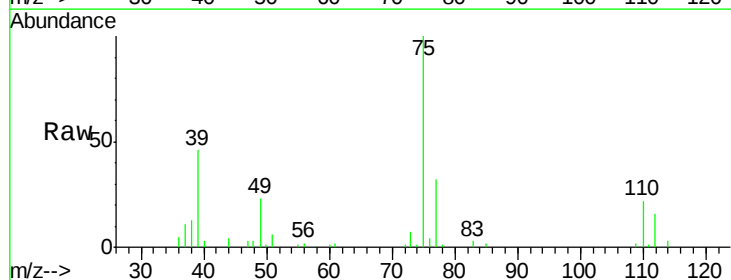
Acq: 30 Apr 2018 22:25

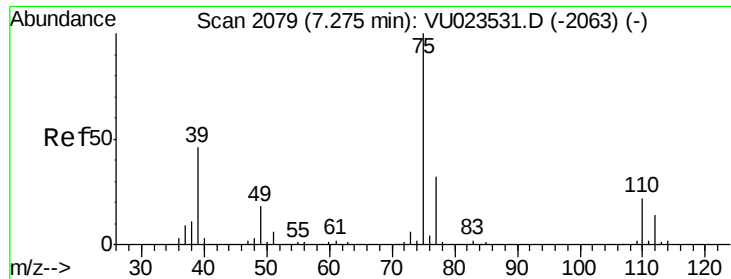
Tgt Ion: 75 Resp: 26267

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

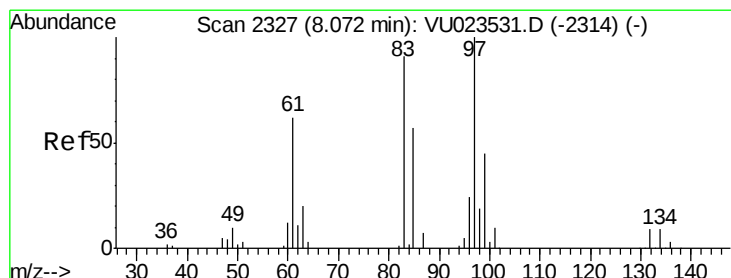
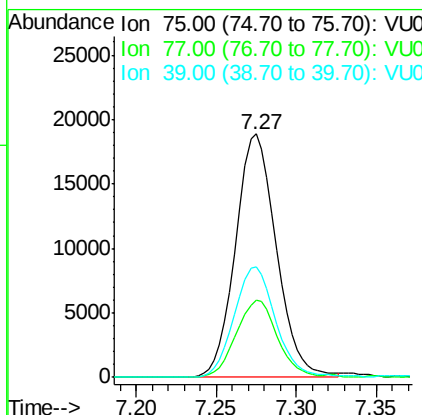
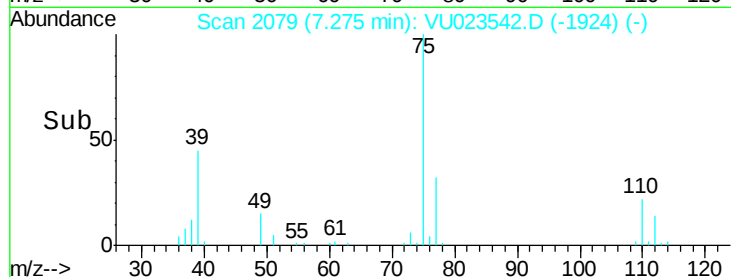
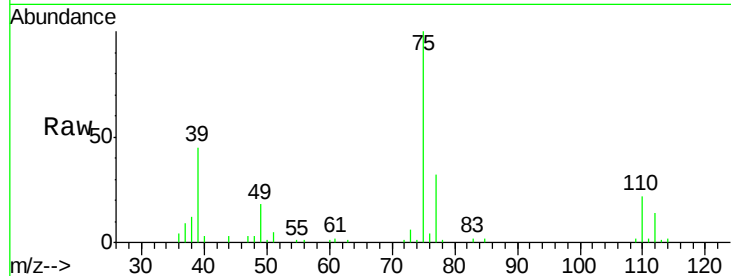




#51
 cis-1,3-Dichloropropene
 Concen: 1.94 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

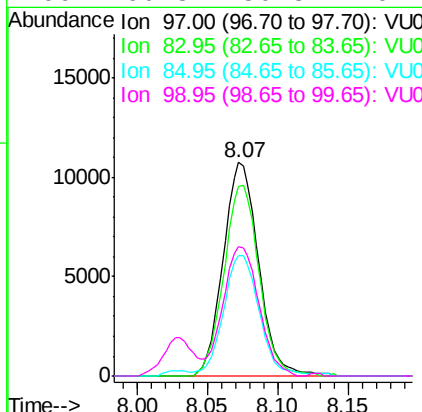
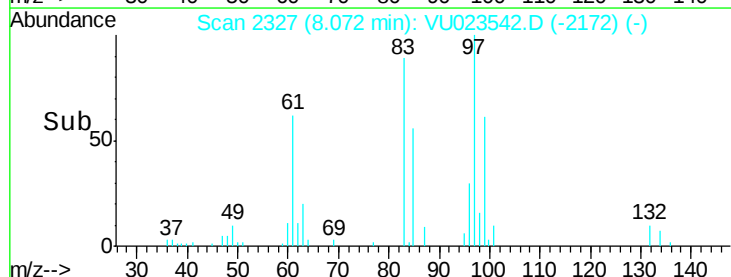
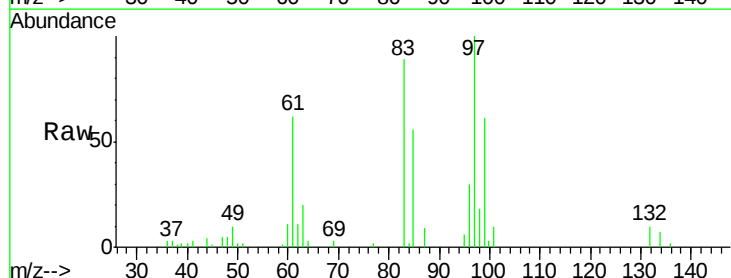
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

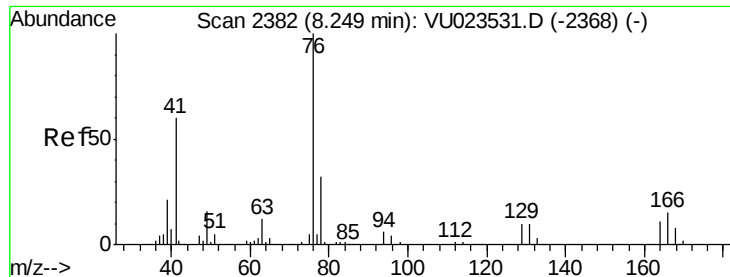
Tgt Ion: 75 Resp: 32948
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 45.4 36.4 54.6



#52
 1,1,2-Trichloroethane
 Concen: 2.18 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 97 Resp: 18887
 Ion Ratio Lower Upper
 97 100
 83 89.0 72.6 109.0
 85 56.1 47.2 70.8
 99 60.8 50.8 76.2

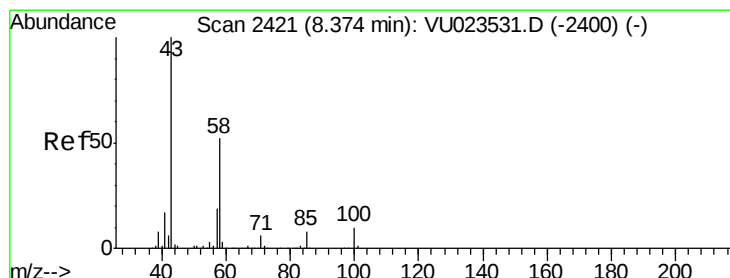
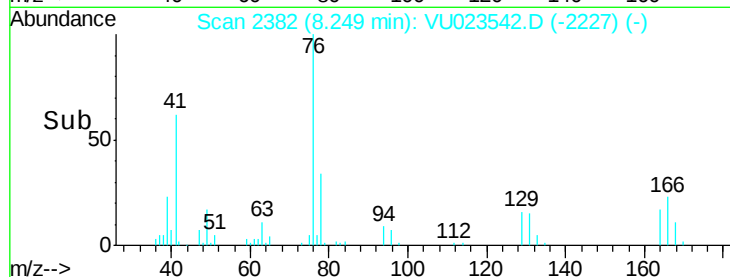
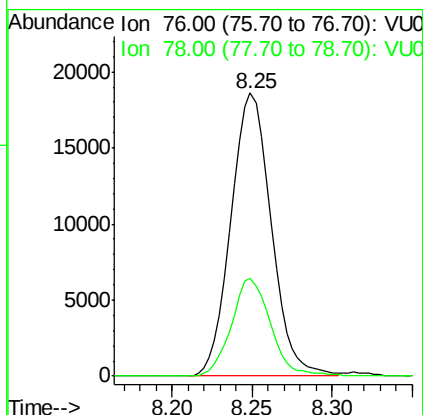
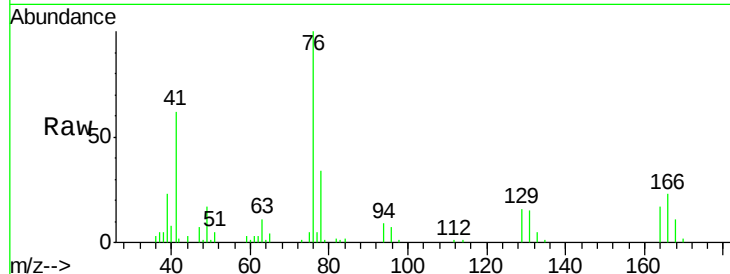




#53
 1,3-Dichloropropane
 Concen: 2.08 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

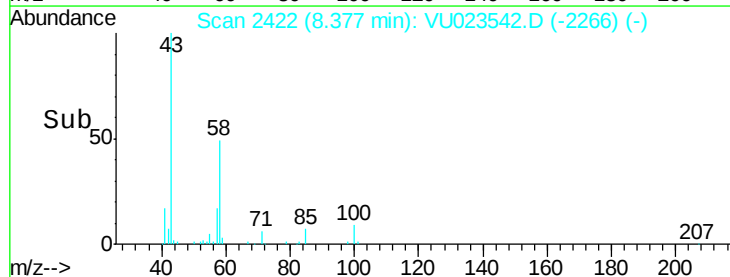
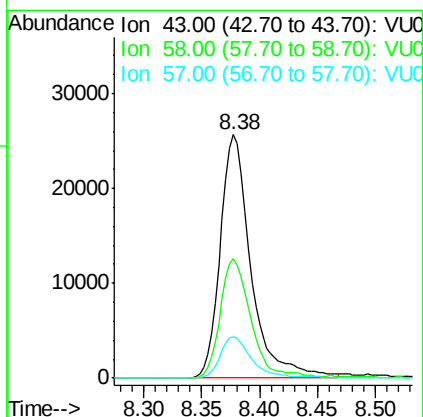
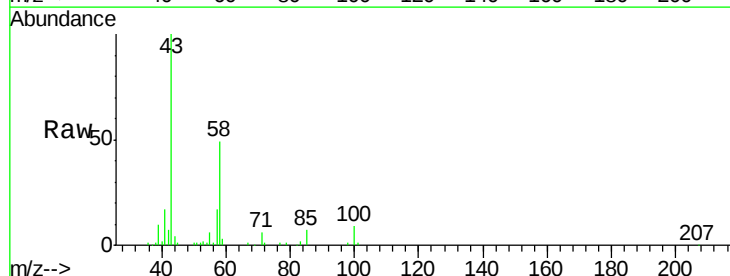
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

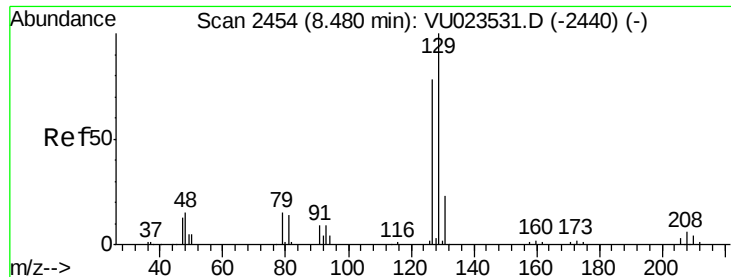
Tgt Ion: 76 Resp: 32024
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.7 38.5



#54
 2-Hexanone
 Concen: 9.61 ug/l
 RT: 8.38 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 43 Resp: 47161
 Ion Ratio Lower Upper
 43 100
 58 49.0 32.5 72.5
 57 17.6 0.0 37.9





#55

Dibromochloromethane

Concen: 2.10 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

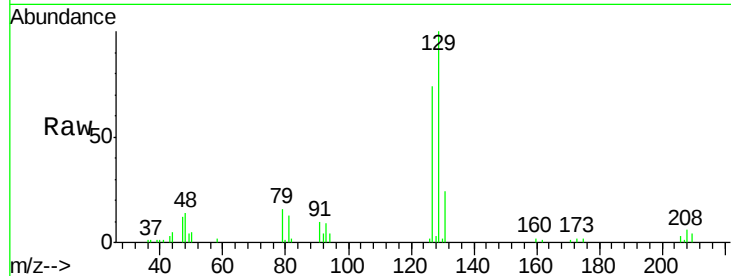
VU0430WBSD01

Tgt Ion:129 Resp: 19943

Ion Ratio Lower Upper

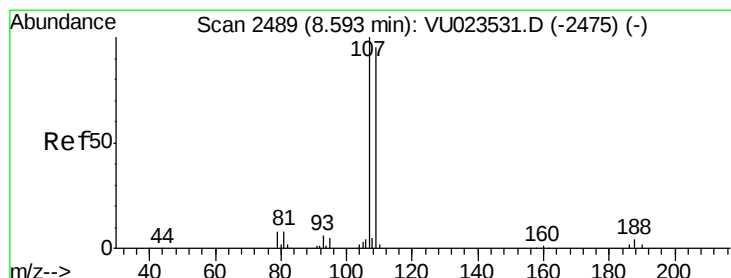
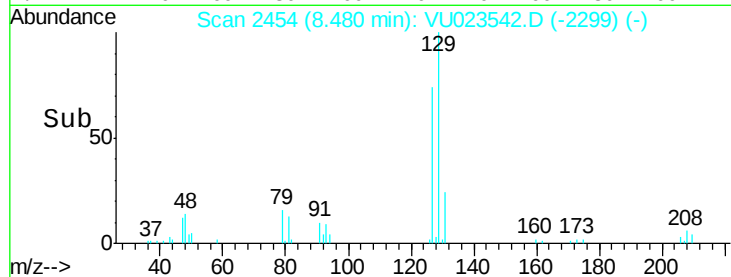
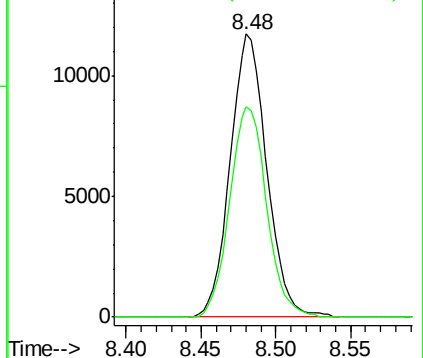
129 100

127 74.9 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.12 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. -0.00 min

Lab File: VU023542.D

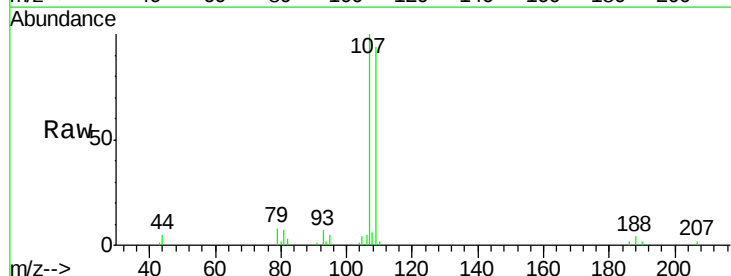
Acq: 30 Apr 2018 22:25

Tgt Ion:107 Resp: 15860

Ion Ratio Lower Upper

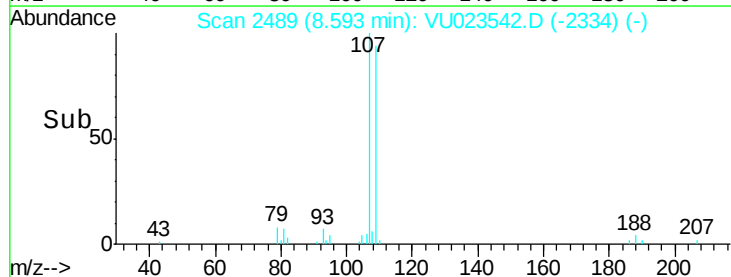
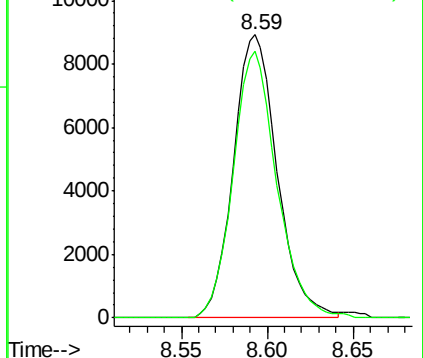
107 100

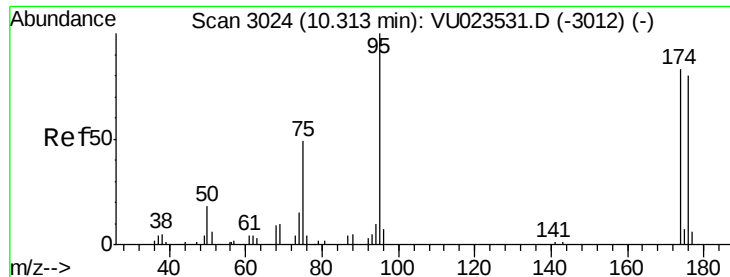
109 93.8 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

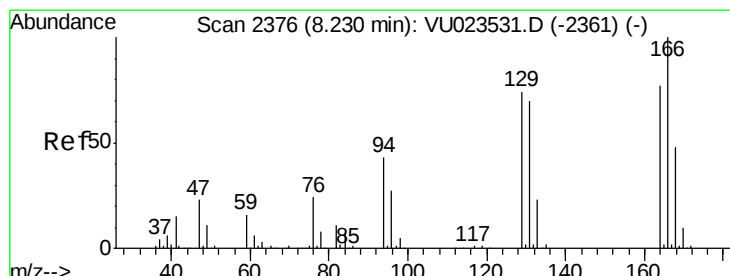
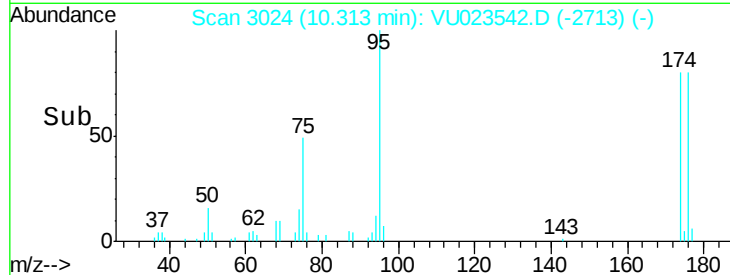
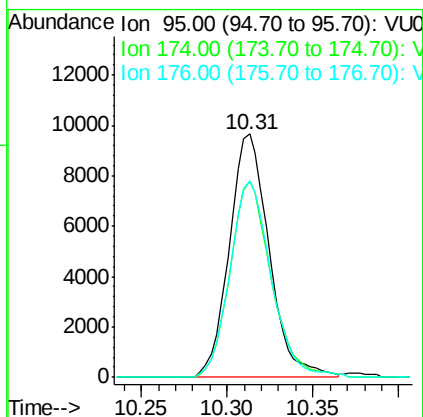
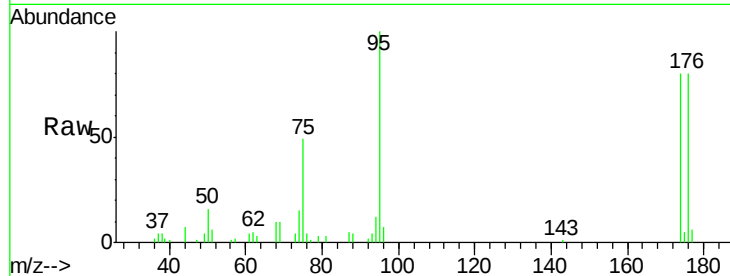




#57
 4-Bromofluorobenzene
 Concen: 2.12 ug/l
 RT: 10.31 min Scan# 3024
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

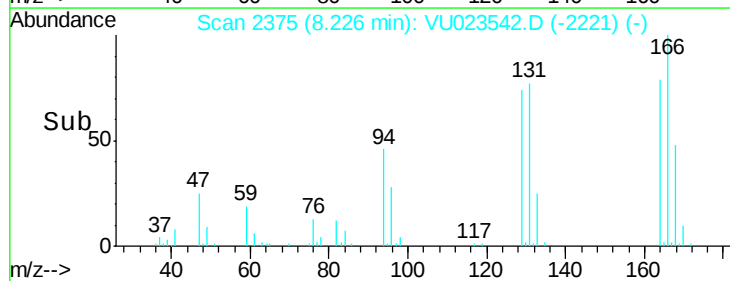
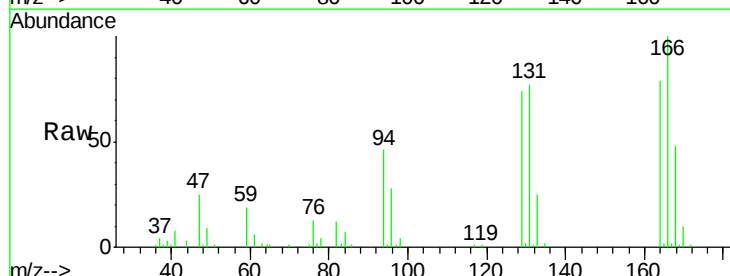
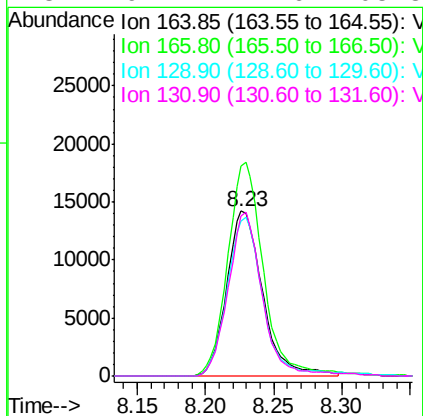
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

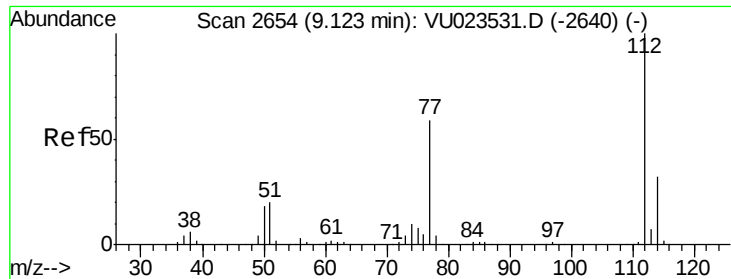
Tgt Ion: 95 Resp: 15635
 Ion Ratio Lower Upper
 95 100
 174 83.0 65.6 98.4
 176 83.3 62.0 93.0



#58
 Tetrachloroethene
 Concen: 2.05 ug/l
 RT: 8.23 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 164 Resp: 25994
 Ion Ratio Lower Upper
 164 100
 166 126.8 104.1 156.1
 129 93.8 76.8 115.2
 131 97.2 72.6 108.8





#59

Chlorobenzene

Concen: 2.05 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

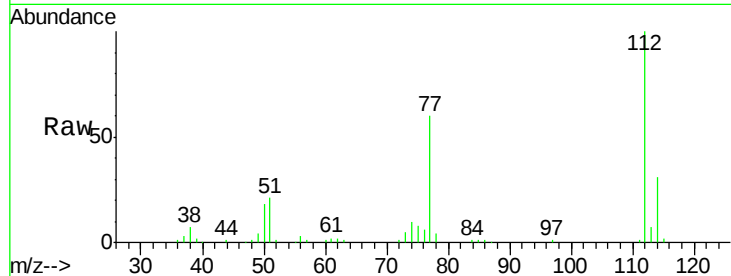
VU0430WBSD01

Tgt Ion:112 Resp: 65475

Ion Ratio Lower Upper

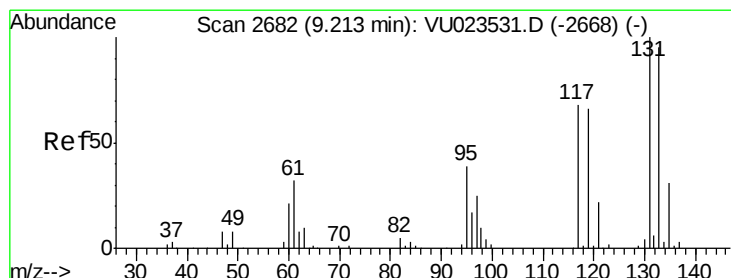
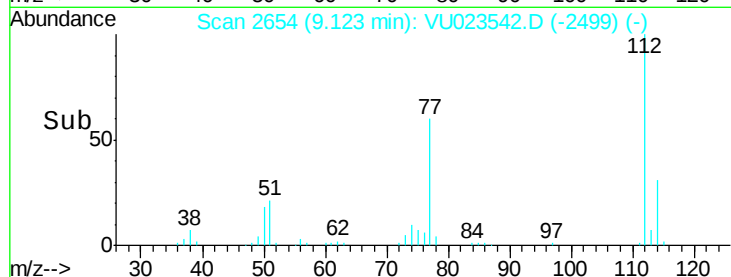
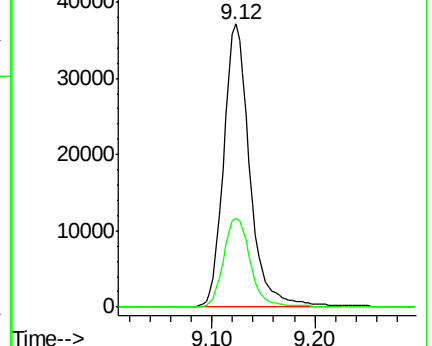
112 100

114 31.4 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.03 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

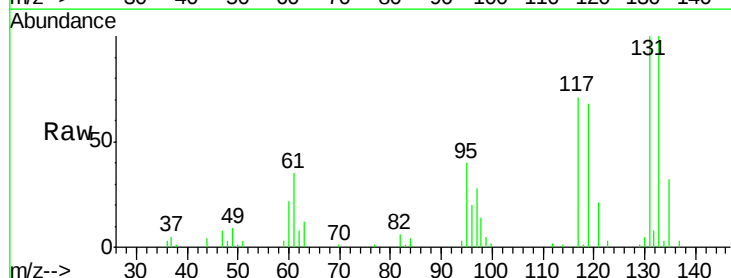
Tgt Ion:131 Resp: 21994

Ion Ratio Lower Upper

131 100

133 98.5 75.8 113.8

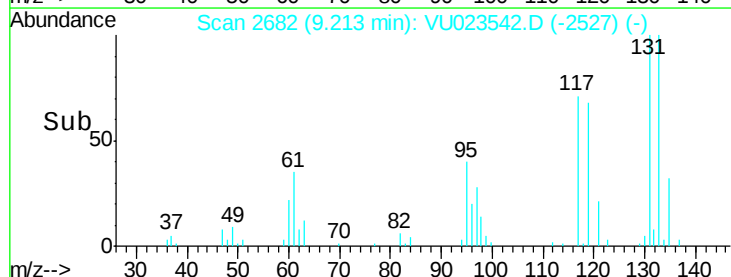
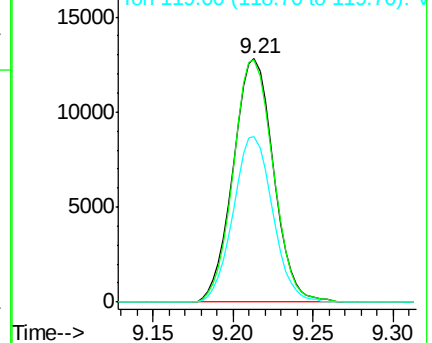
119 66.1 53.0 79.6

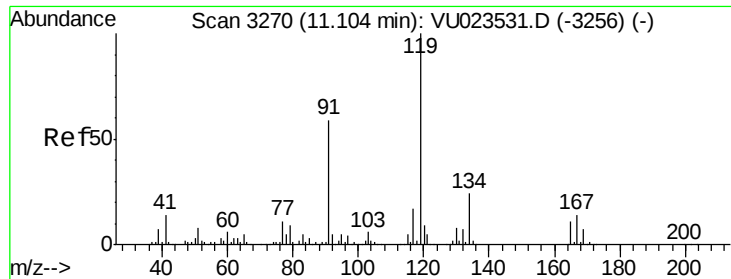


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

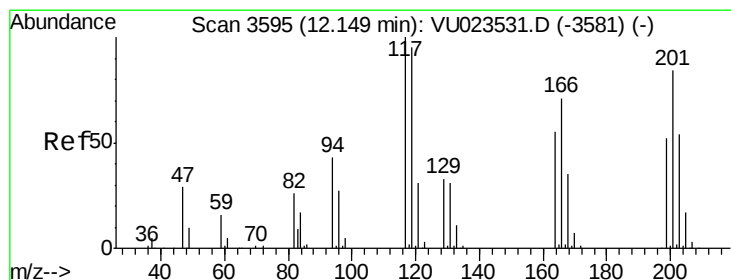
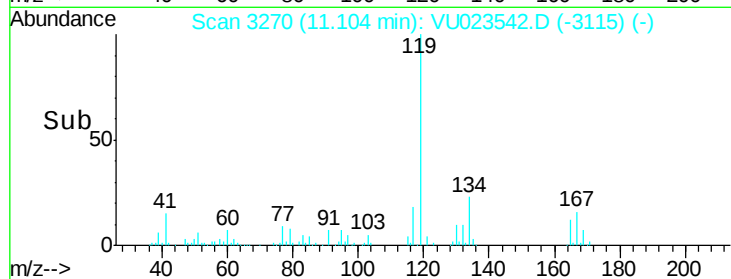
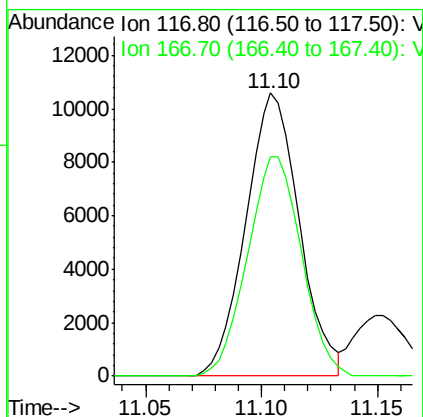
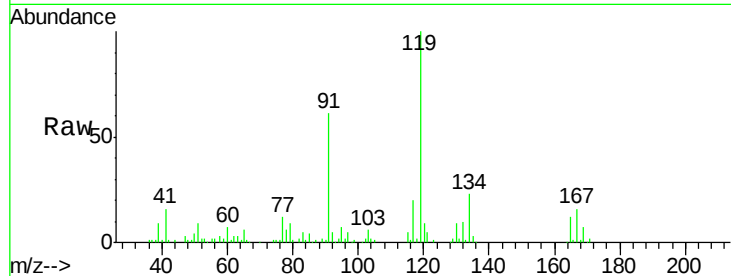




#61
 Pentachloroethane
 Concen: 2.21 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

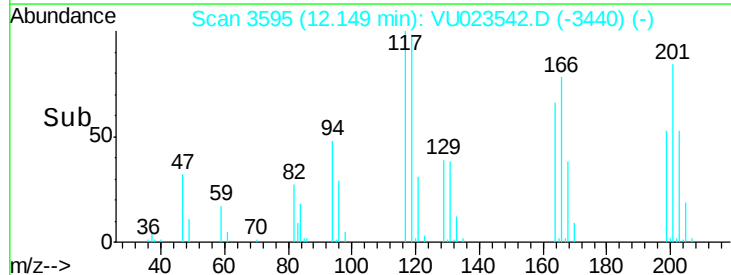
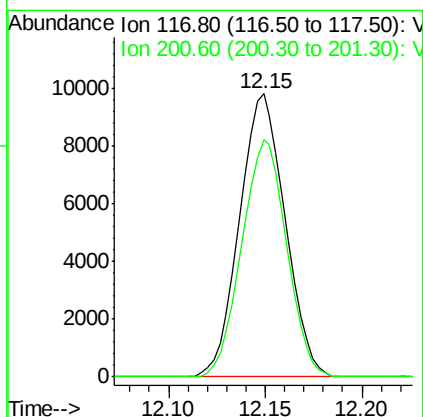
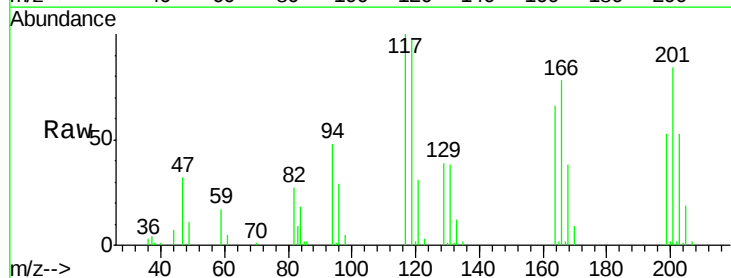
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

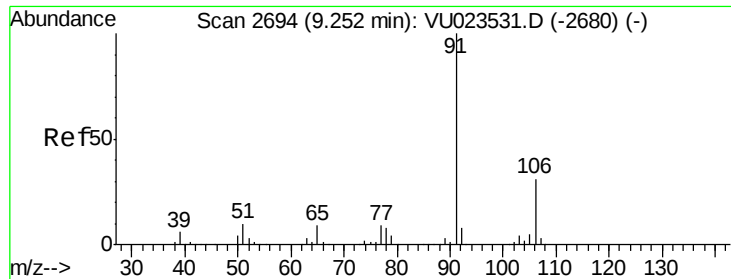
Tgt Ion:117 Resp: 17024
 Ion Ratio Lower Upper
 117 100
 167 78.1 69.2 103.8



#62
 Hexachloroethane
 Concen: 2.18 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion:117 Resp: 16092
 Ion Ratio Lower Upper
 117 100
 201 82.2 68.7 103.1

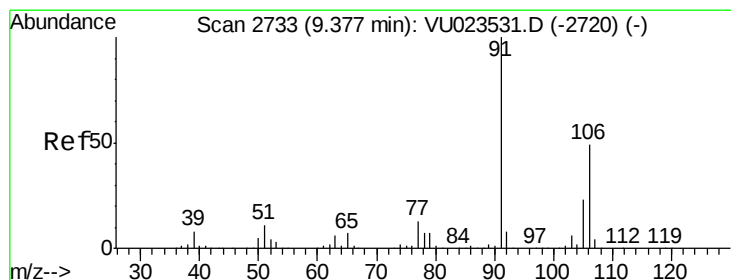
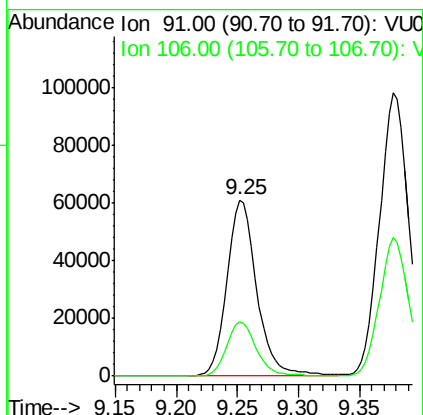
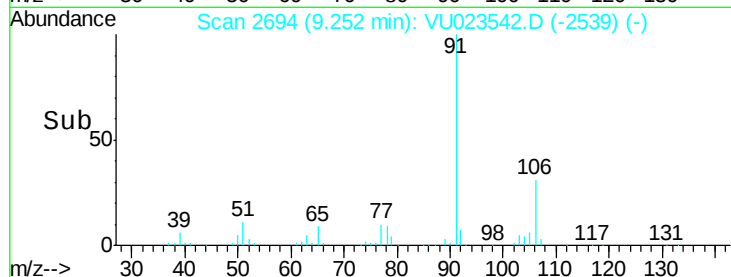
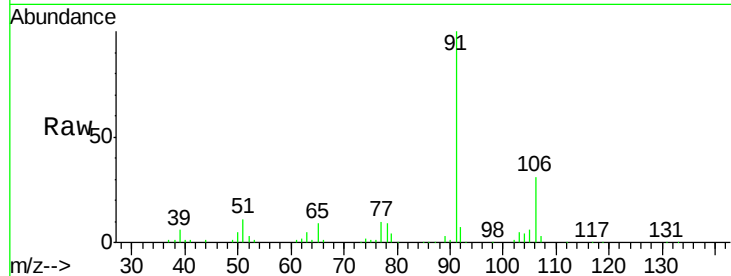




#63
Ethyl Benzene
Concen: 1.98 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

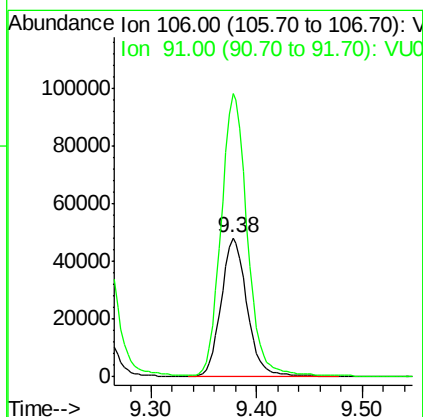
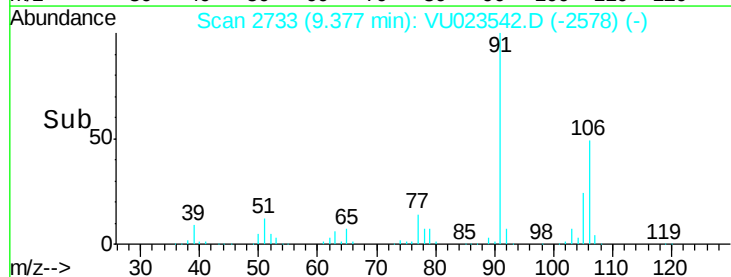
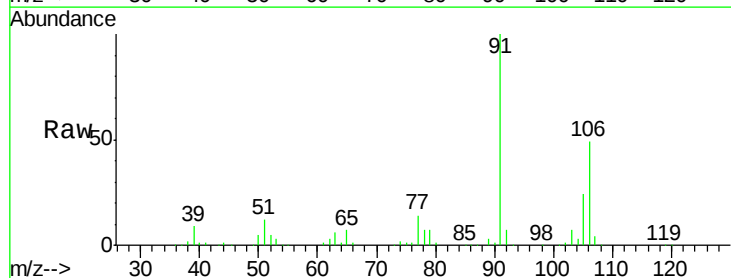
Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

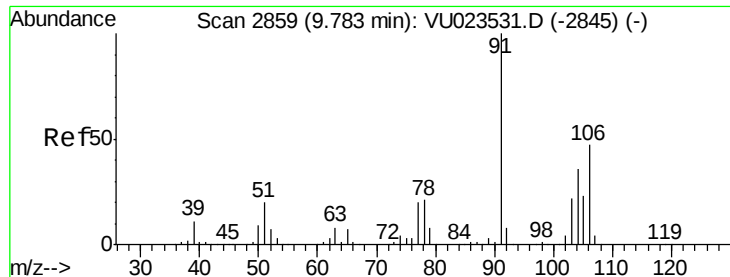
Tgt Ion: 91 Resp: 105074
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#64
m/p-Xylenes
Concen: 4.01 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion: 106 Resp: 82212
Ion Ratio Lower Upper
106 100
91 203.8 164.1 246.1

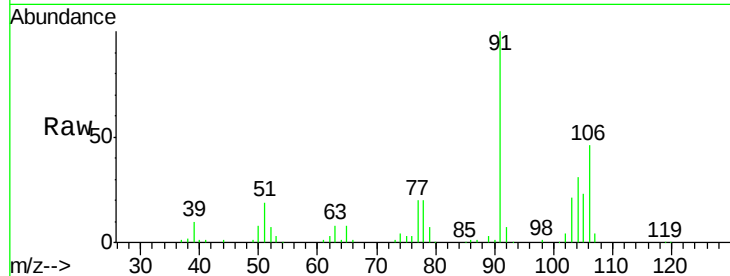




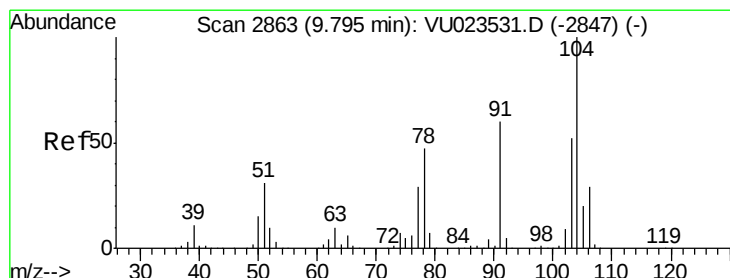
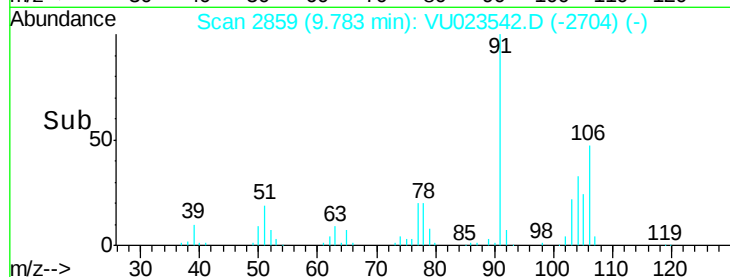
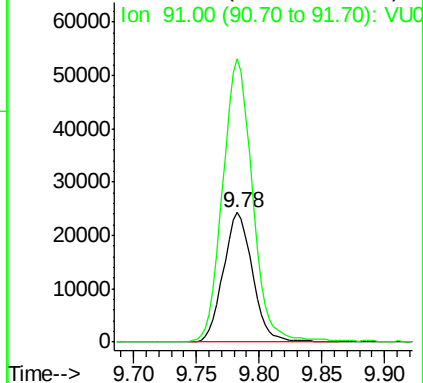
#65
o-Xylene
Concen: 2.00 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

Tgt Ion:106 Resp: 39369
Ion Ratio Lower Upper
106 100
91 223.4 107.9 323.7

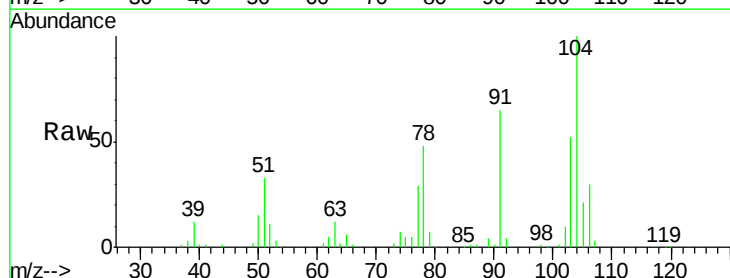


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

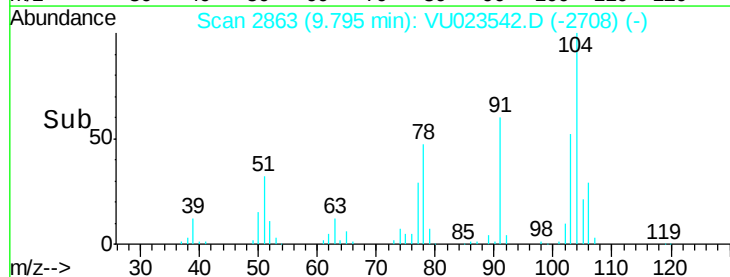
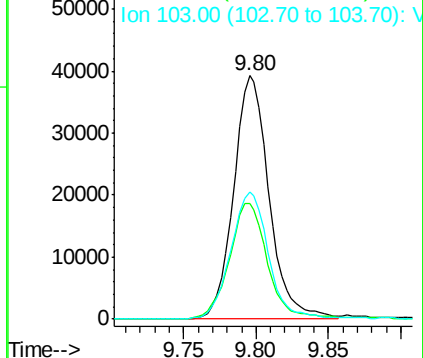


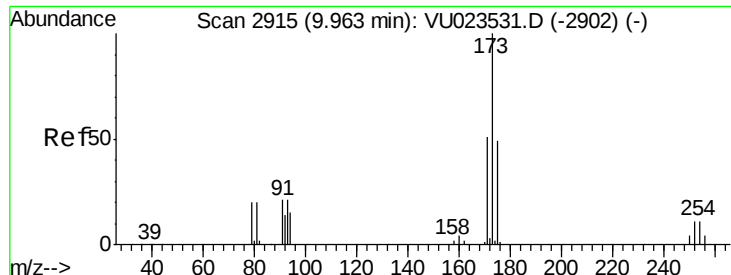
#66
Styrene
Concen: 2.05 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion:104 Resp: 66738
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.2
103 55.9 44.2 66.4



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

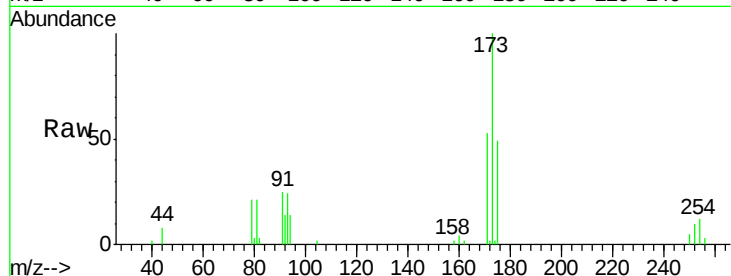




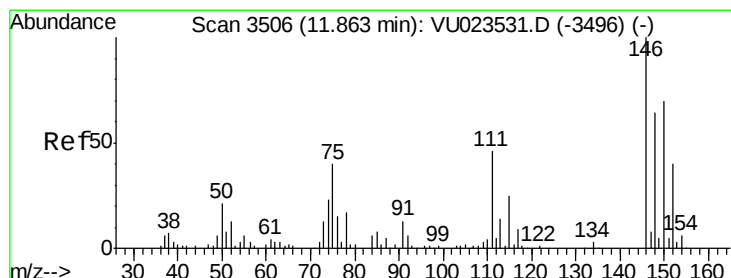
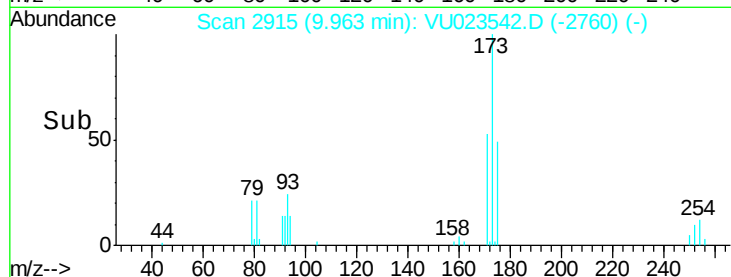
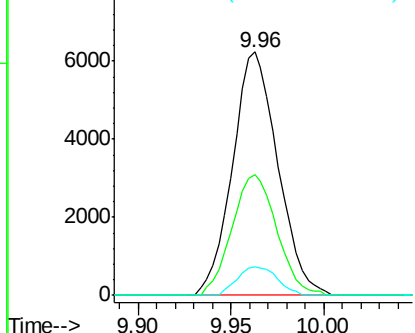
#67
Bromoform
Concen: 2.13 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
VU0430WBSD01

Tgt Ion:173 Resp: 10559
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 10.2 8.8 13.2

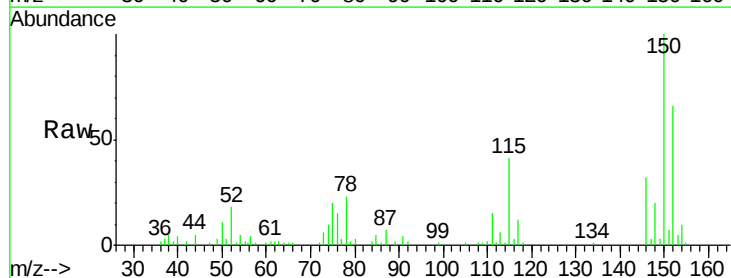


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

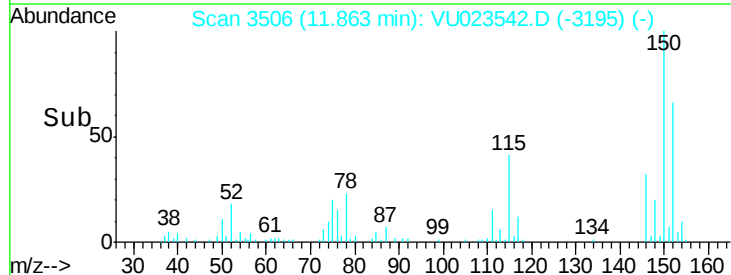
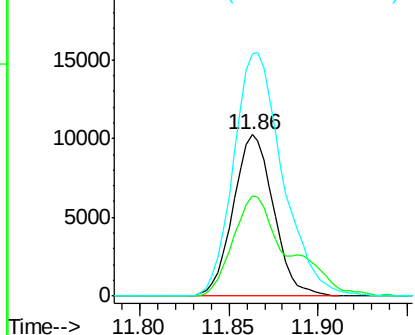


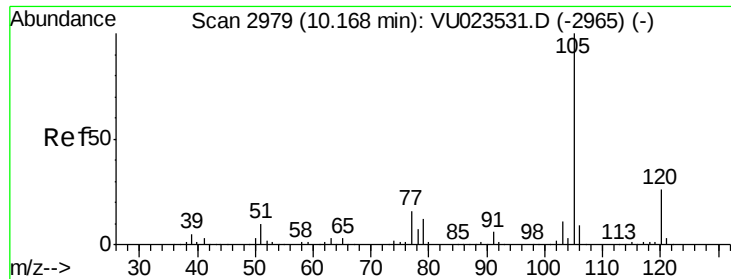
#68
1,2-Dichlorobenzene-d4
Concen: 2.13 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VU023542.D
Acq: 30 Apr 2018 22:25

Tgt Ion:152 Resp: 16120
Ion Ratio Lower Upper
152 100
115 66.7 0.0 118.8
150 183.5 0.0 0.0#



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: 2.03 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

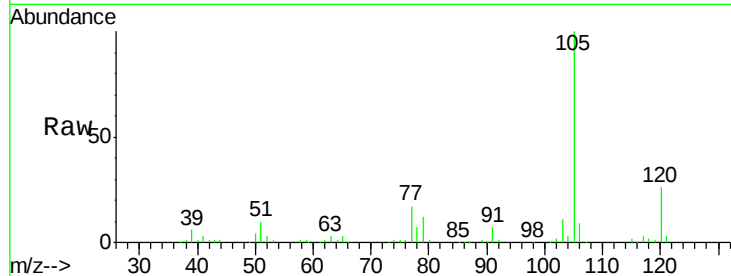
VU0430WBSD01

Tgt Ion:105 Resp: 103213

Ion Ratio Lower Upper

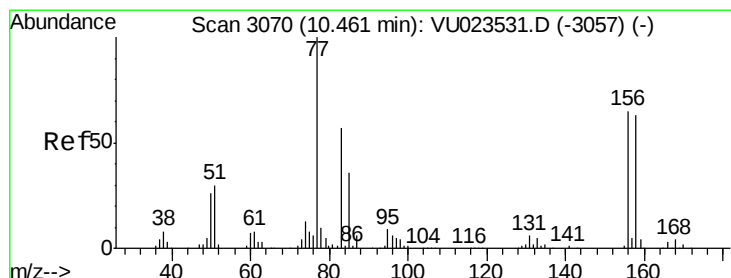
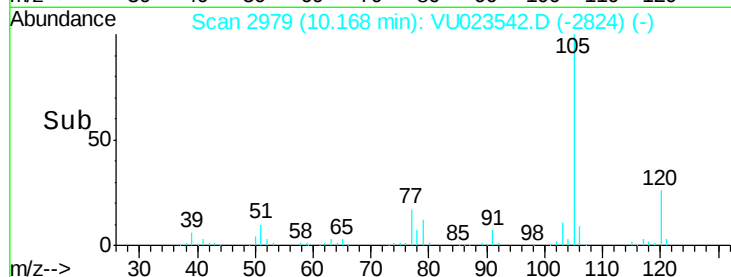
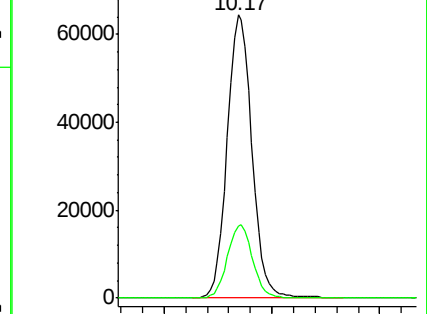
105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.29 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

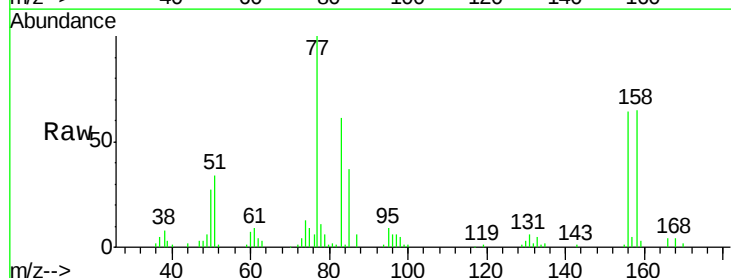
Tgt Ion: 83 Resp: 22390

Ion Ratio Lower Upper

83 100

131 9.7 7.9 11.9

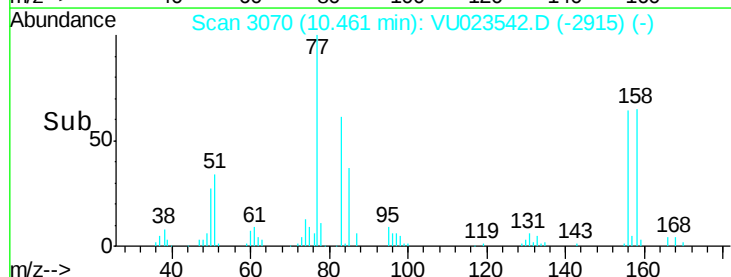
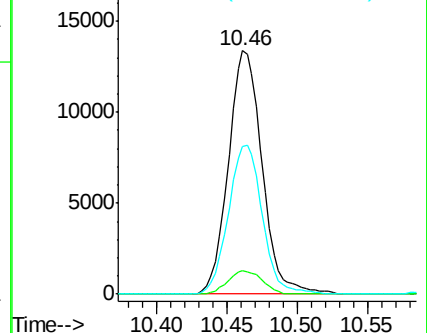
85 61.4 51.8 77.6

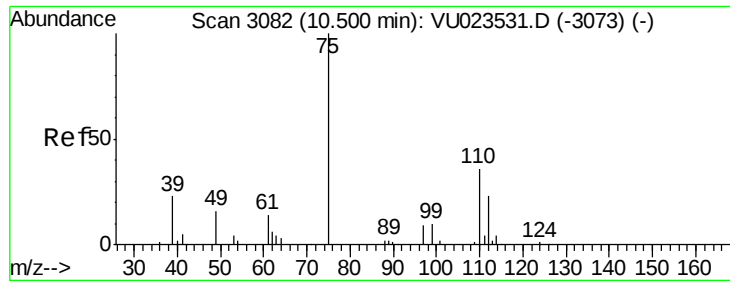


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

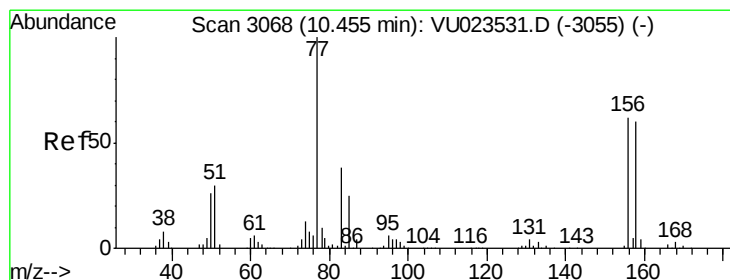
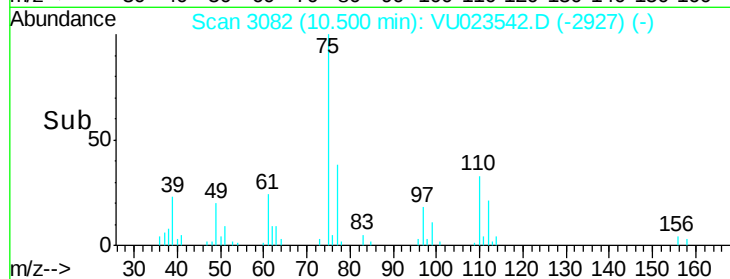
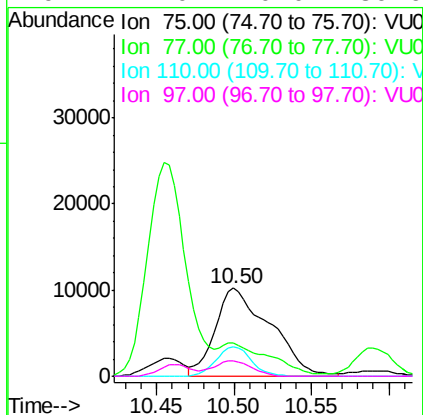
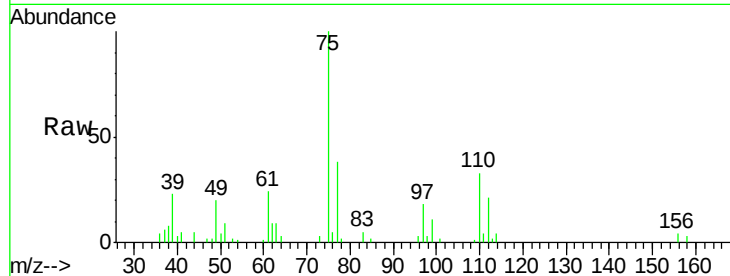




#71
 1,2,3-Trichloropropane
 Concen: 3.61 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

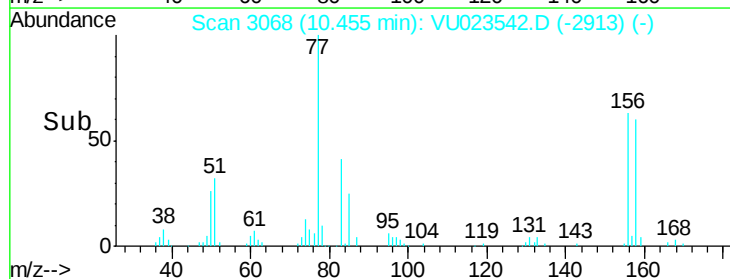
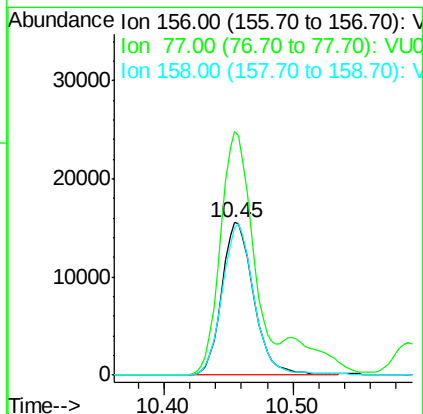
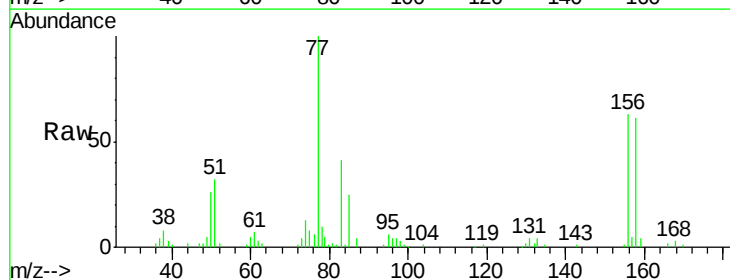
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

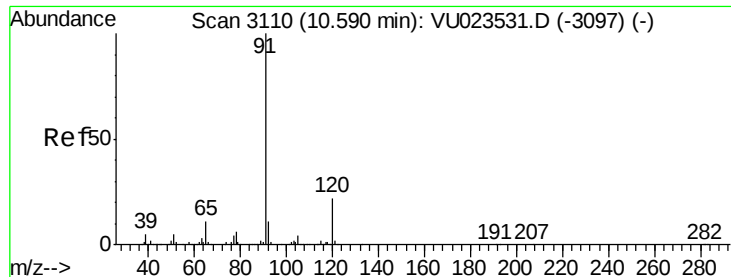
Tgt Ion:	75	Resp:	25258
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	21.3	0.0	74.0
97	12.0	0.0	39.6



#72
 Bromobenzene
 Concen: 2.12 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion:	156	Resp:	26834
Ion	Ratio	Lower	Upper
156	100		
77	160.3	0.0	309.8
158	98.1	0.0	193.0





#73

n-propylbenzene

Concen: 2.02 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

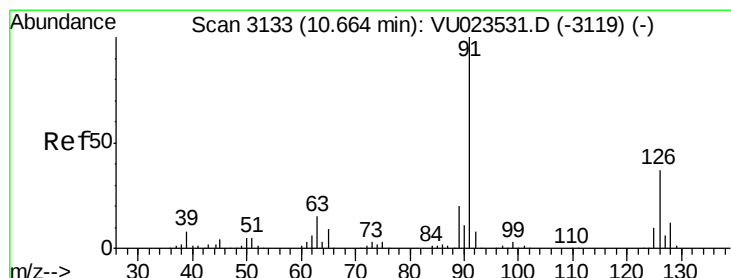
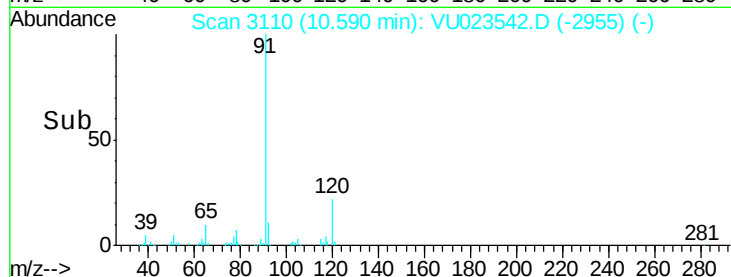
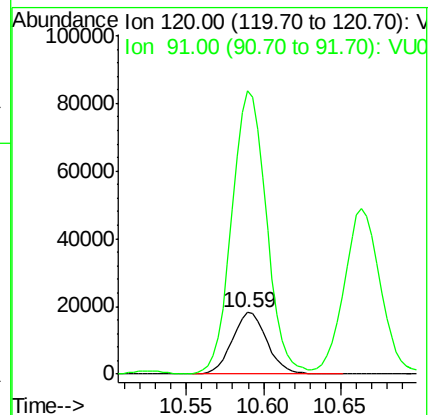
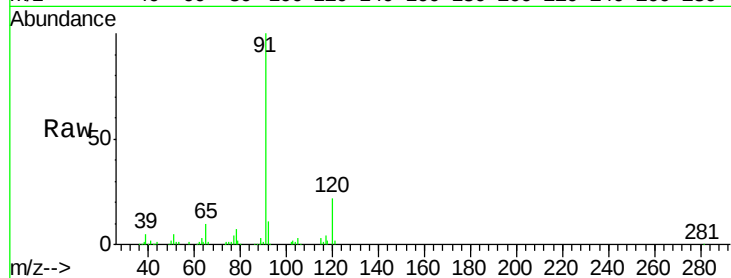
VU0430WBSD01

Tgt Ion:120 Resp: 28370

Ion Ratio Lower Upper

120 100

91 454.8 352.2 528.4



#74

2-Chlorotoluene

Concen: 2.10 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU023542.D

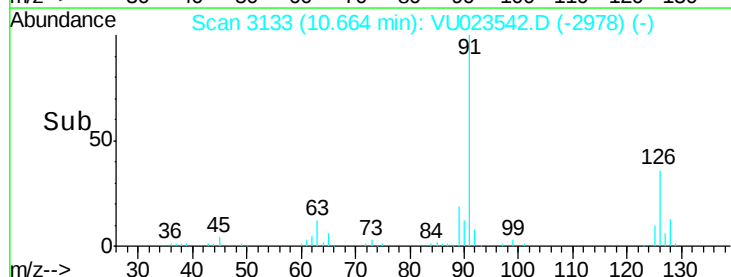
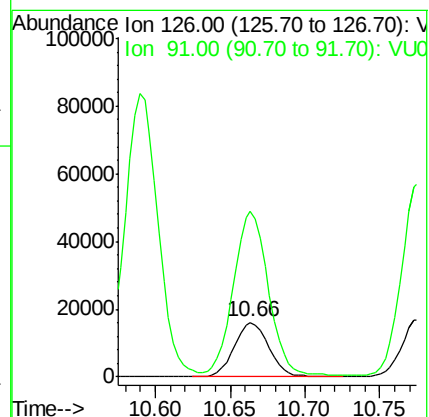
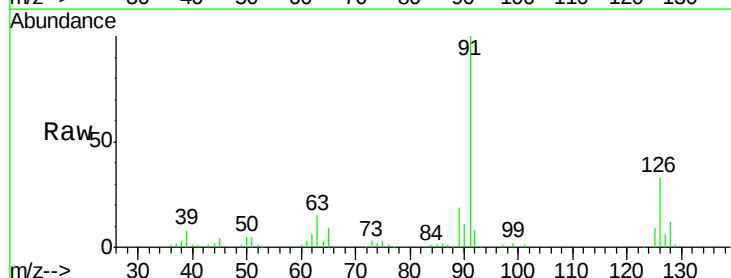
Acq: 30 Apr 2018 22:25

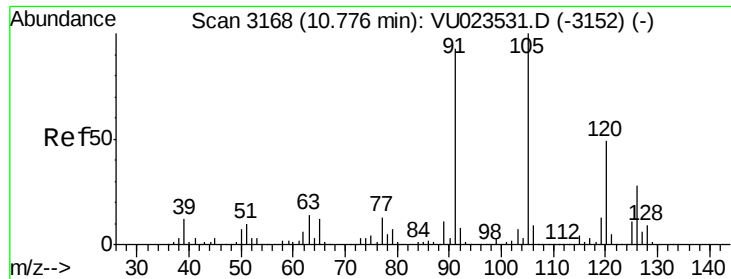
Tgt Ion:126 Resp: 26042

Ion Ratio Lower Upper

126 100

91 307.7 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 2.11 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

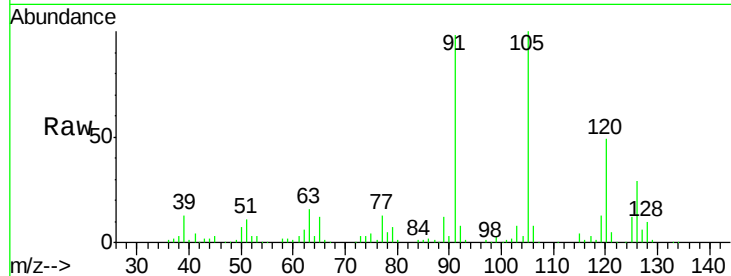
VU0430WBSD01

Tgt Ion:105 Resp: 90533

Ion Ratio Lower Upper

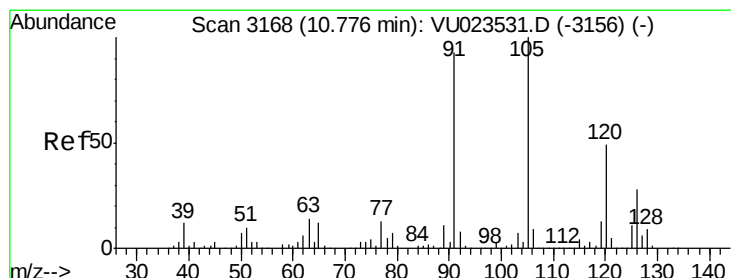
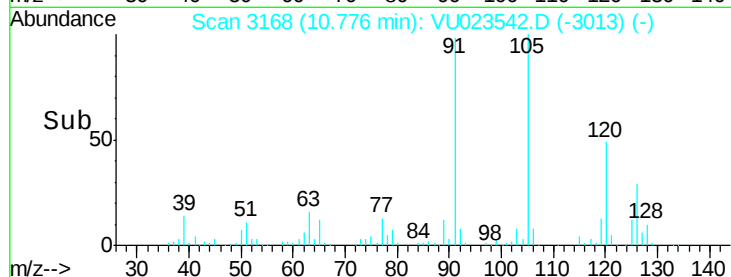
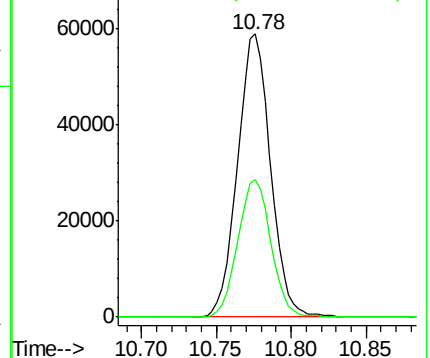
105 100

120 48.8 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 2.14 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023542.D

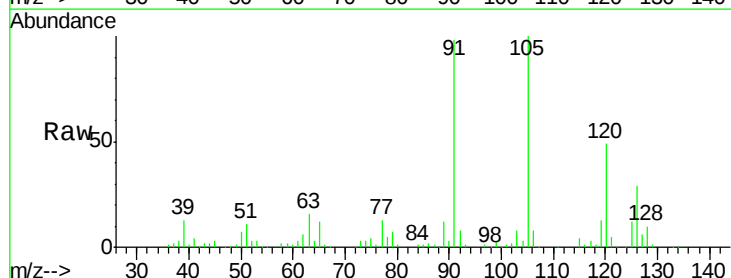
Acq: 30 Apr 2018 22:25

Tgt Ion:126 Resp: 27561

Ion Ratio Lower Upper

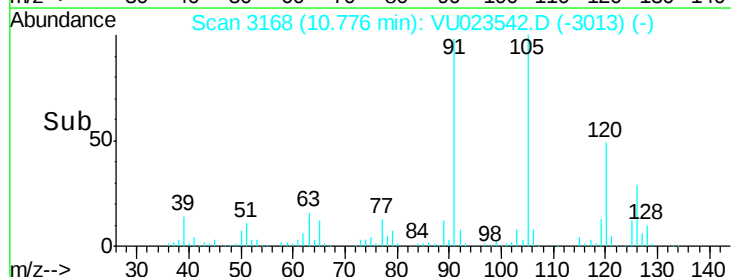
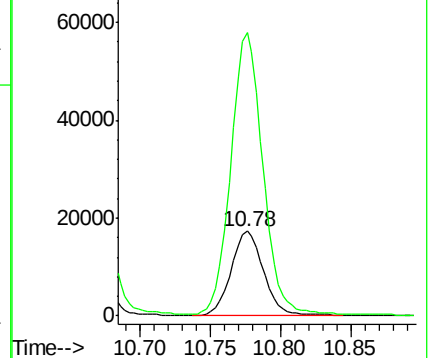
126 100

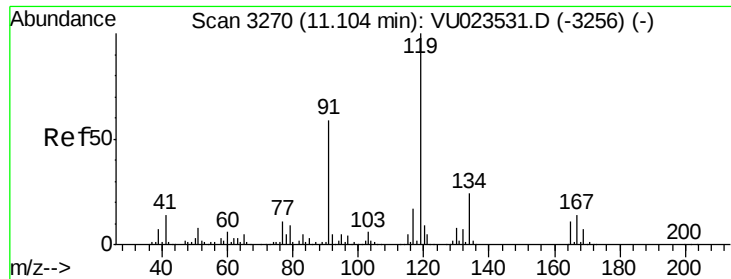
91 332.4 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

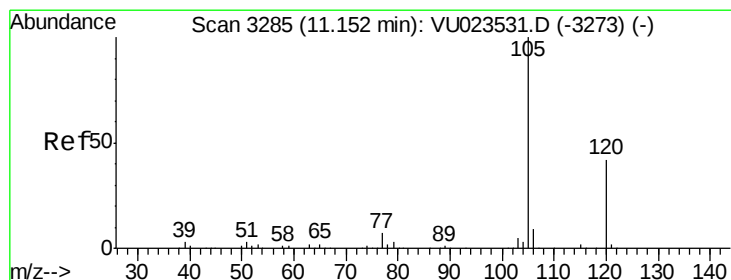
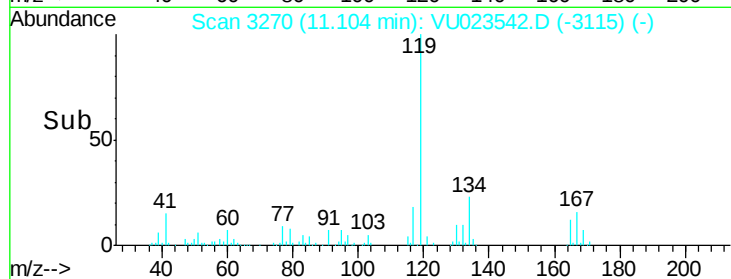
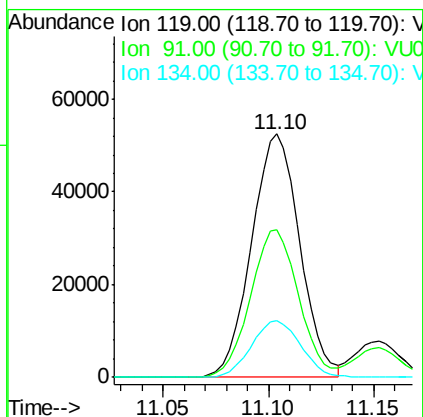
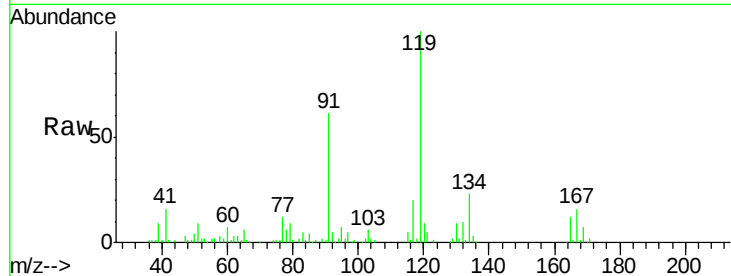




#77
 tert-Butylbenzene
 Concen: 2.08 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

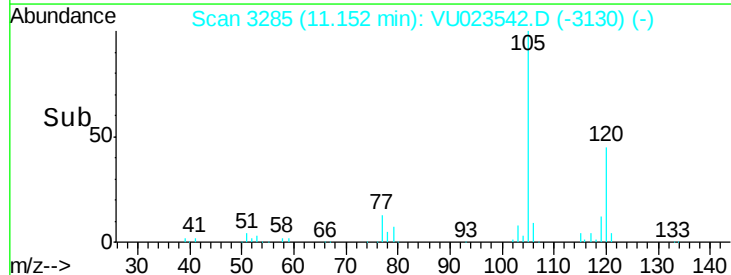
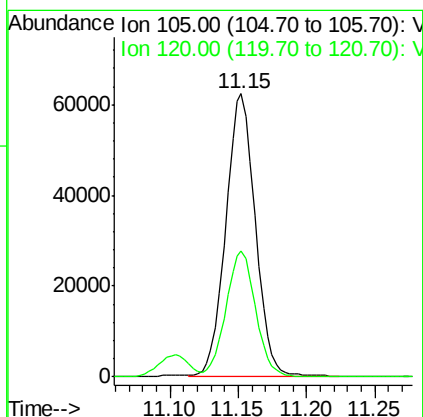
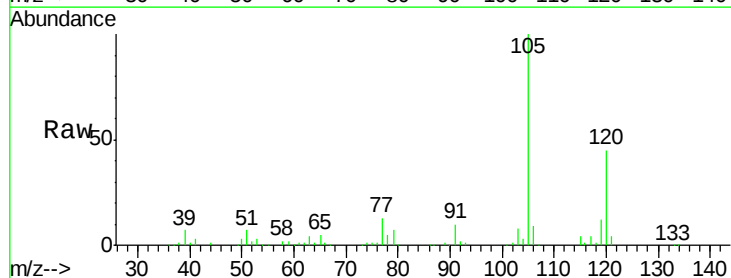
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

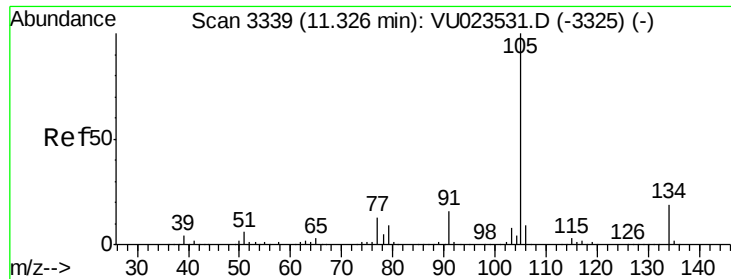
Tgt Ion:119 Resp: 83638
 Ion Ratio Lower Upper
 119 100
 91 60.6 29.6 88.8
 134 23.7 19.1 28.7



#78
 1,2,4-Trimethylbenzene
 Concen: 2.16 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion:105 Resp: 93369
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.3

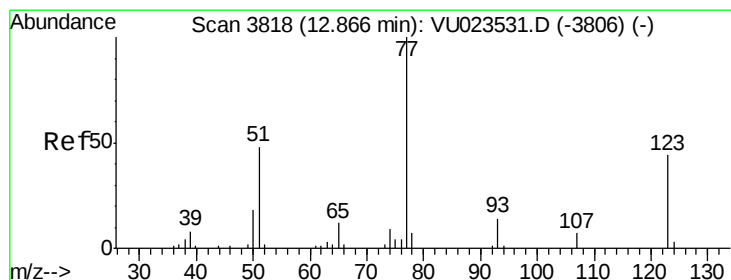
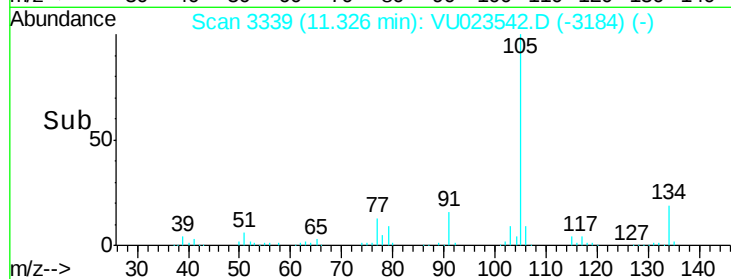
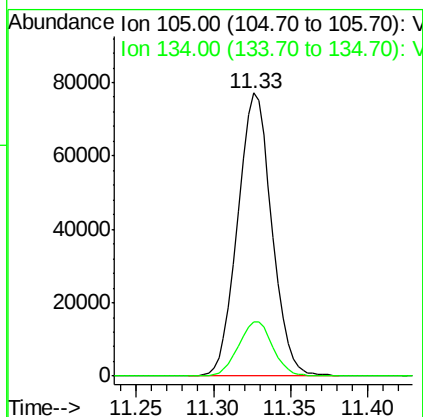
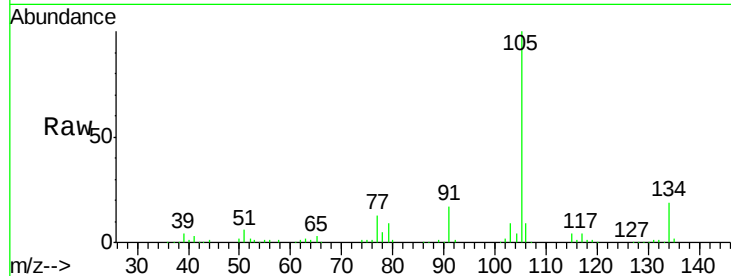




#79
 sec-Butylbenzene
 Concen: 2.11 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

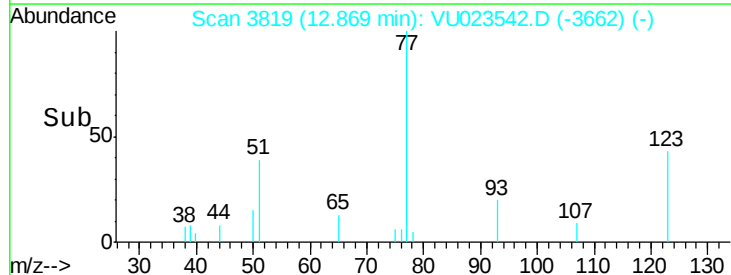
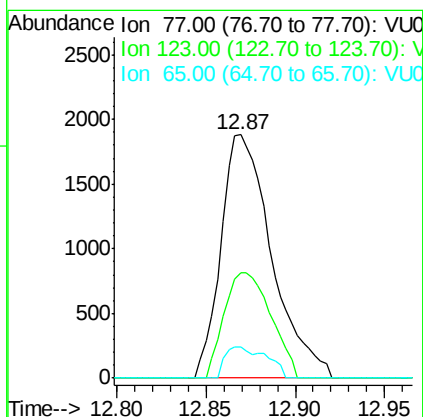
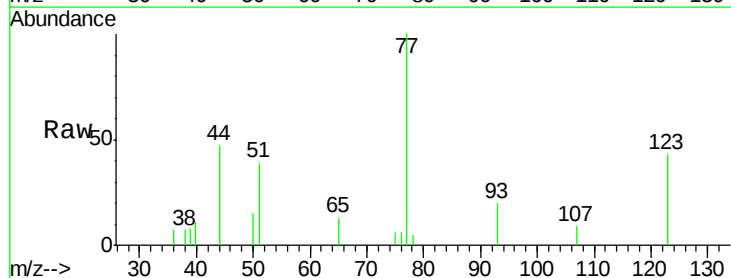
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

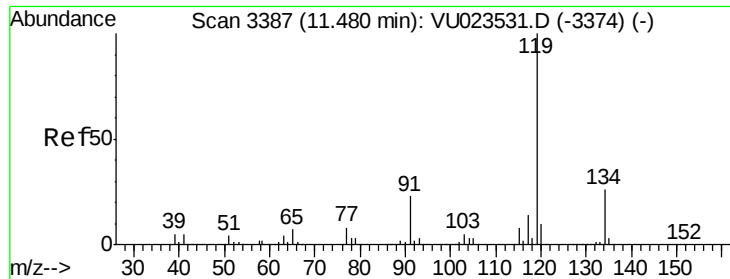
Tgt Ion: 105 Resp: 118499
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.6 23.4



#80
 Nitrobenzene
 Concen: 11.13 ug/l
 RT: 12.87 min Scan# 3819
 Delta R.T. 0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 77 Resp: 3719
 Ion Ratio Lower Upper
 77 100
 123 39.8 19.4 68.6
 65 10.4 11.2 14.2#

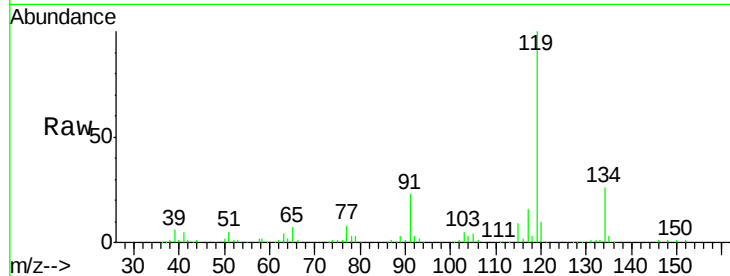




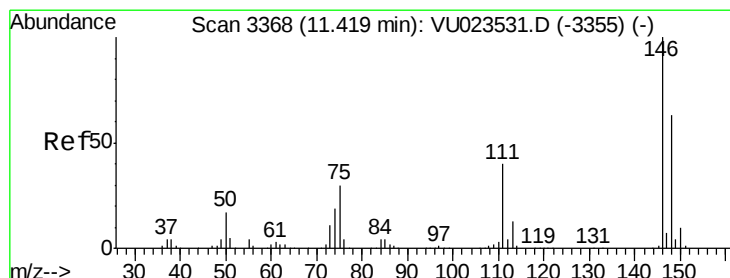
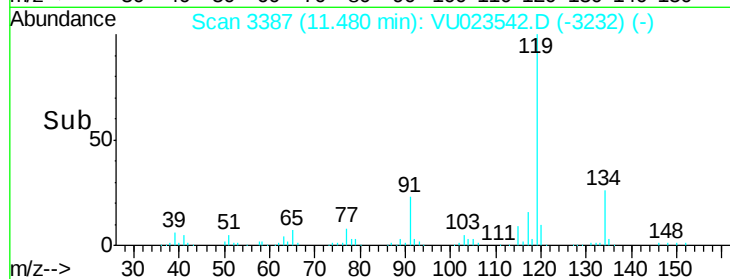
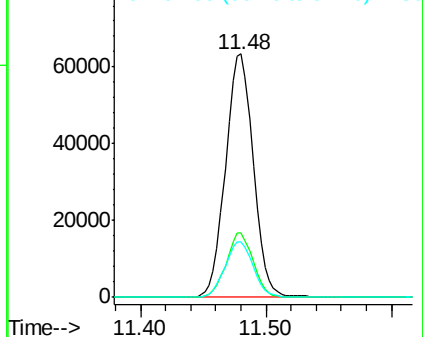
#81
 p-Isopropyltoluene
 Concen: 2.11 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

Tgt Ion:119 Resp: 97334
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.9 31.3
 91 23.3 18.2 27.2

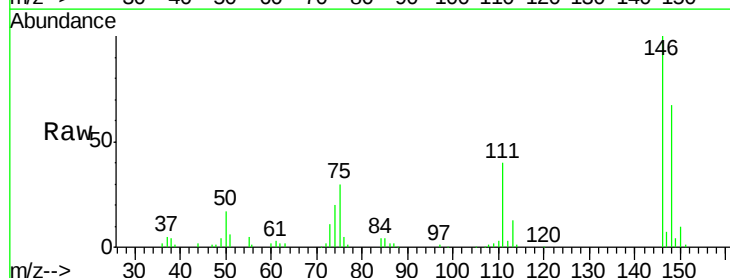


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

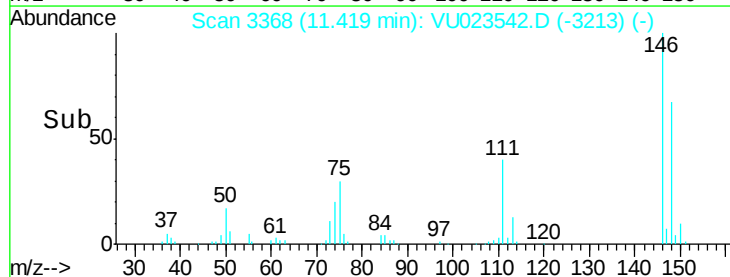
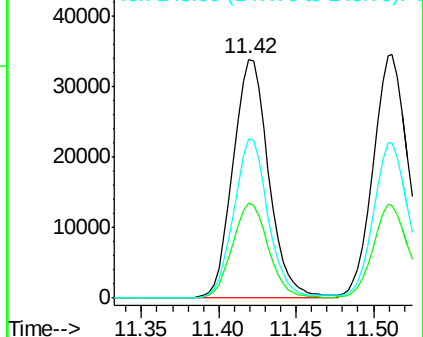


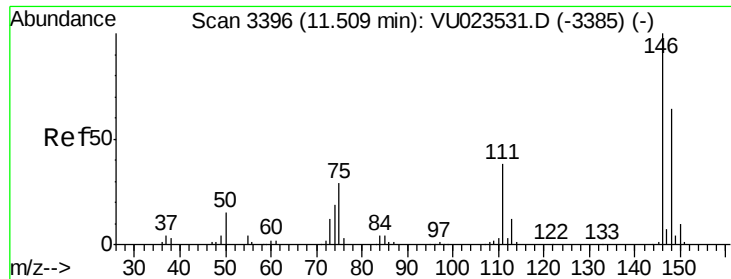
#82
 1,3-Dichlorobenzene
 Concen: 2.15 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion:146 Resp: 54384
 Ion Ratio Lower Upper
 146 100
 111 40.0 31.8 47.6
 148 64.2 51.0 76.4



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

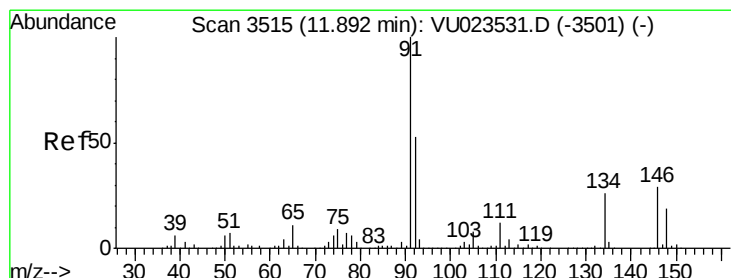
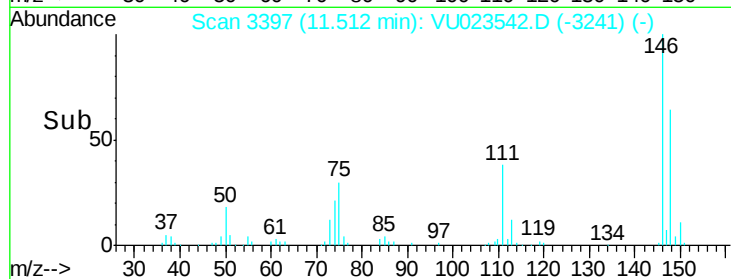
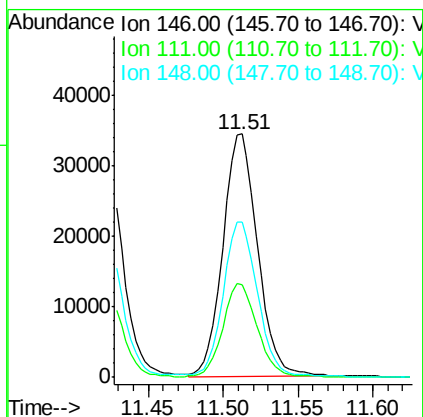
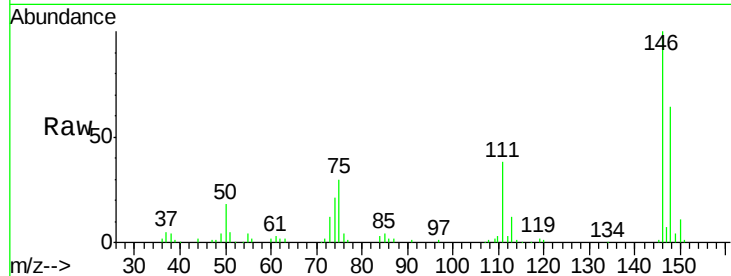




#83
 1,4-Dichlorobenzene
 Concen: 2.19 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

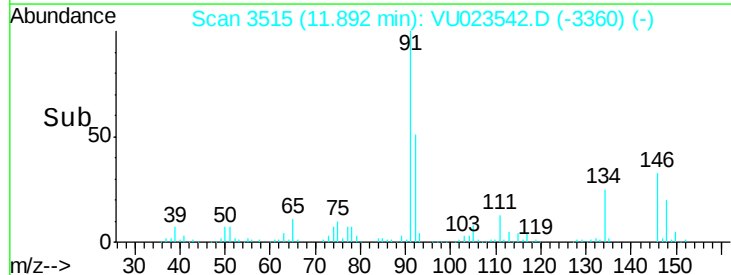
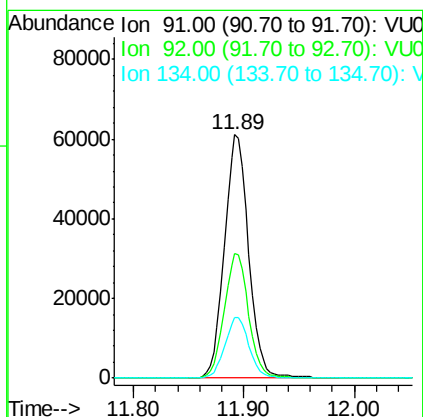
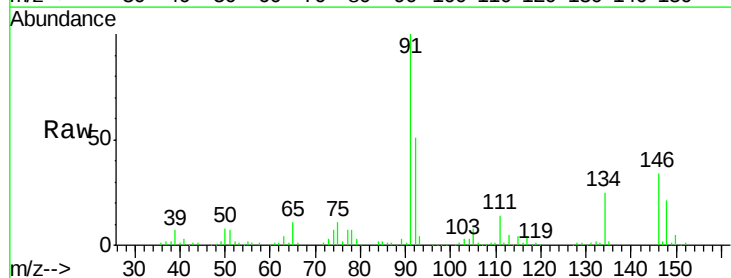
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

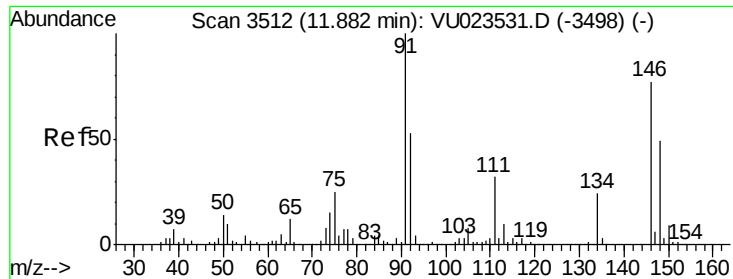
Tgt Ion: 146 Resp: 55323
 Ion Ratio Lower Upper
 146 100
 111 39.0 30.1 45.1
 148 64.8 50.6 76.0



#84
 n-Butylbenzene
 Concen: 2.07 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 91 Resp: 93243
 Ion Ratio Lower Upper
 91 100
 92 51.1 42.2 63.2
 134 24.8 20.3 30.5

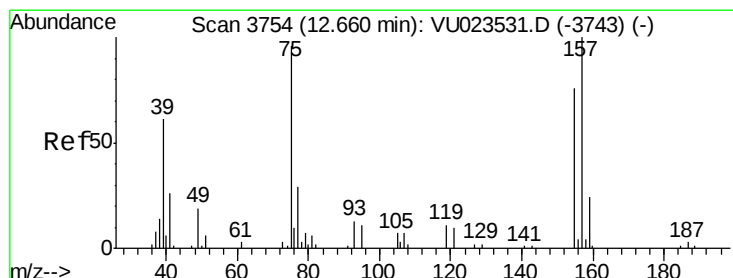
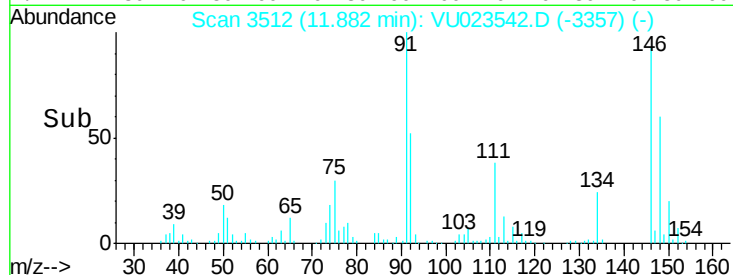
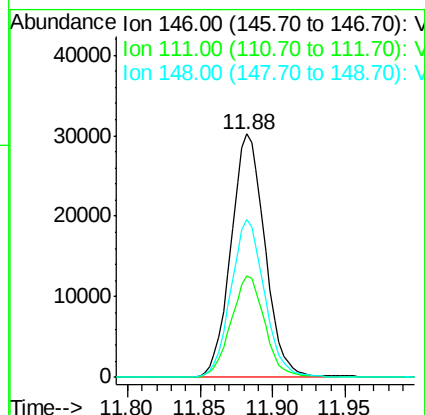
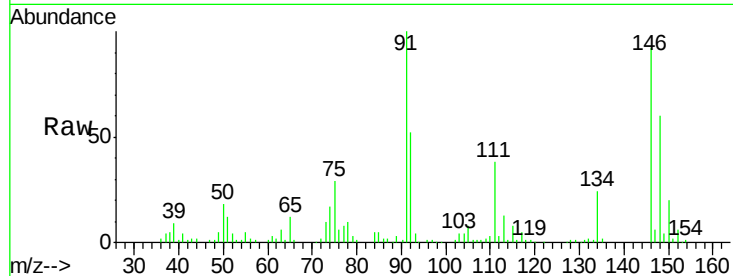




#85
 1,2-Dichlorobenzene
 Concen: 2.16 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

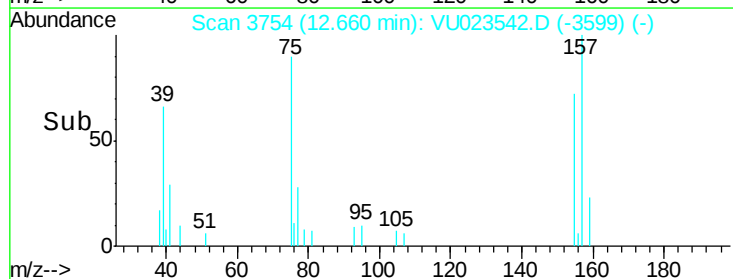
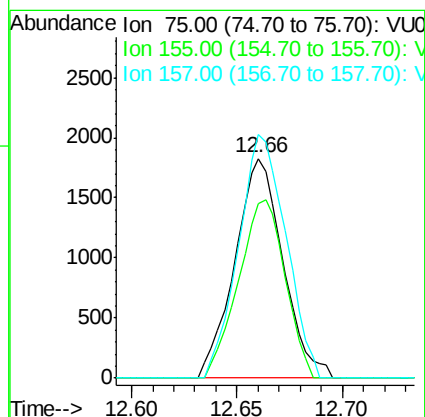
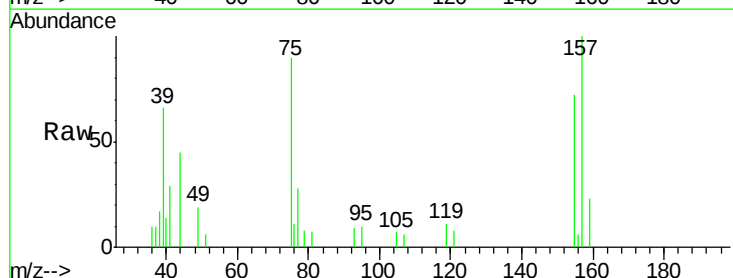
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

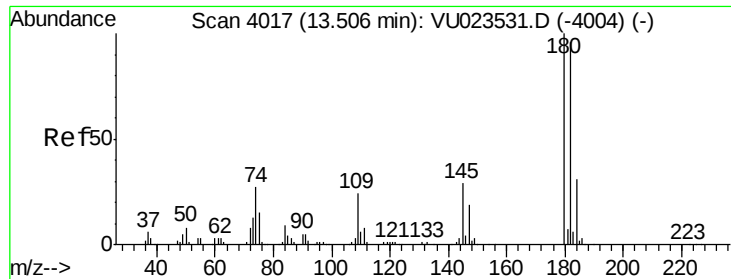
Tgt Ion: 146 Resp: 49138
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.7 62.1
 148 64.0 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.10 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion: 75 Resp: 2893
 Ion Ratio Lower Upper
 75 100
 155 78.3 65.8 98.6
 157 109.2 83.5 125.3

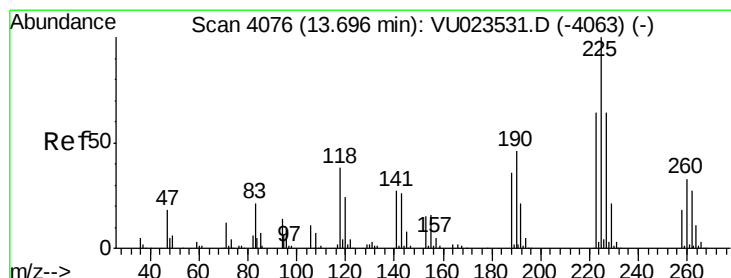
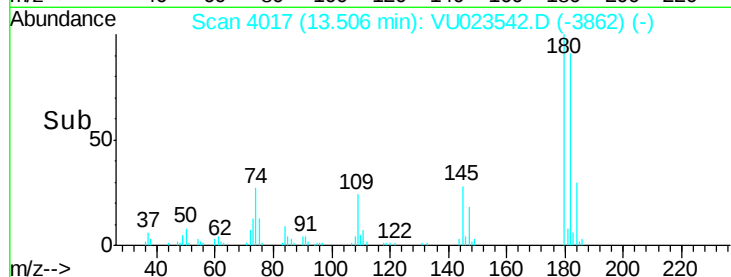
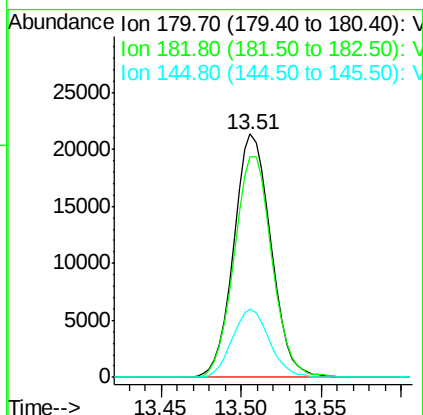
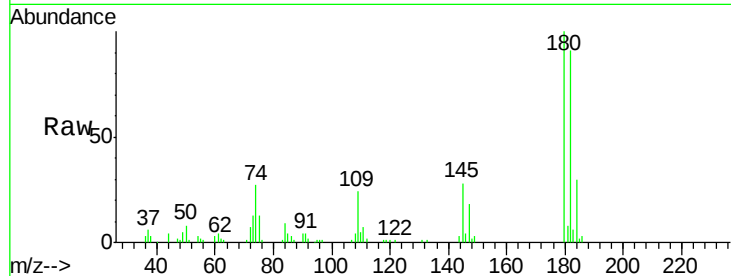




#87
 1,2,4-Trichlorobenzene
 Concen: 2.04 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

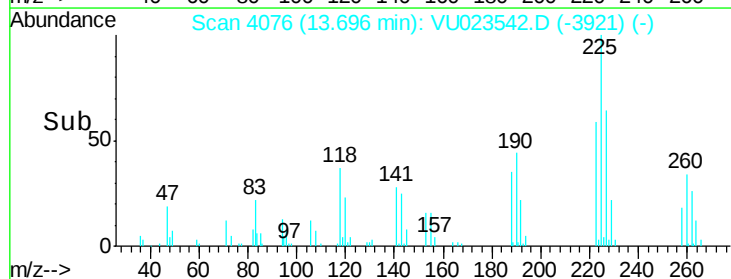
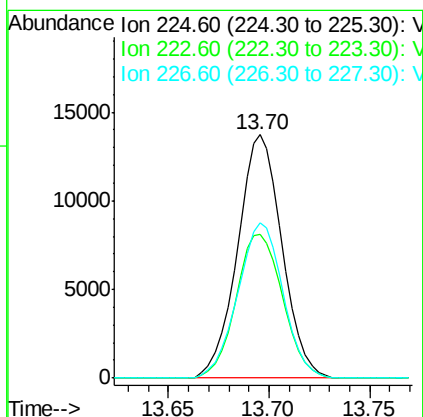
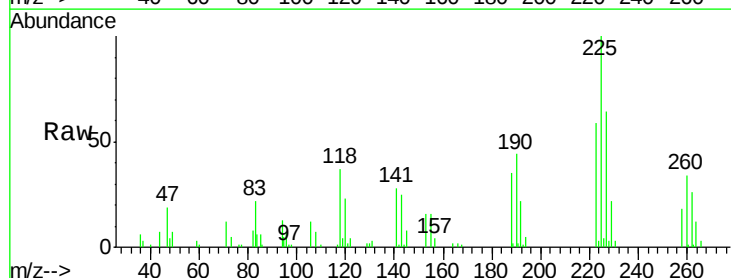
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0430WBSD01

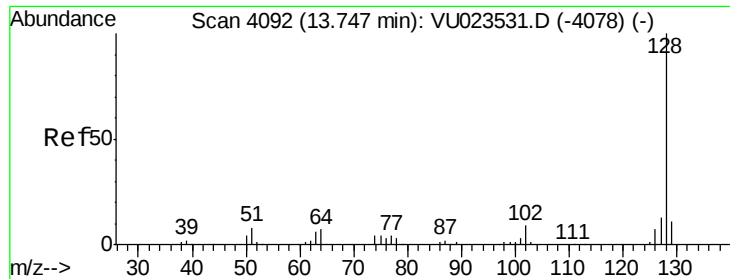
Tgt Ion:180 Resp: 33605
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.1 115.7
 145 27.9 23.3 34.9



#88
 Hexachlorobutadiene
 Concen: 2.11 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU023542.D
 Acq: 30 Apr 2018 22:25

Tgt Ion:225 Resp: 21148
 Ion Ratio Lower Upper
 225 100
 223 62.2 50.6 75.8
 227 65.1 51.8 77.6





#89

Naphthalene

Concen: 1.86 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

VU0430WBSD01

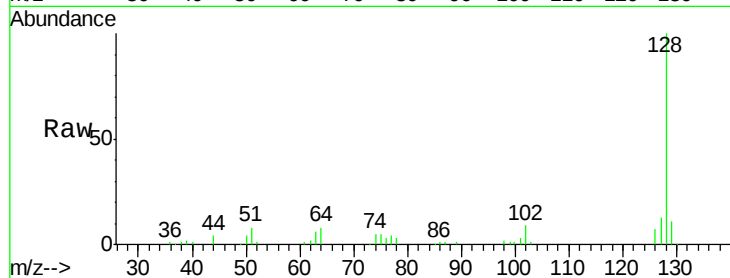
Tgt Ion:128 Resp: 46305

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

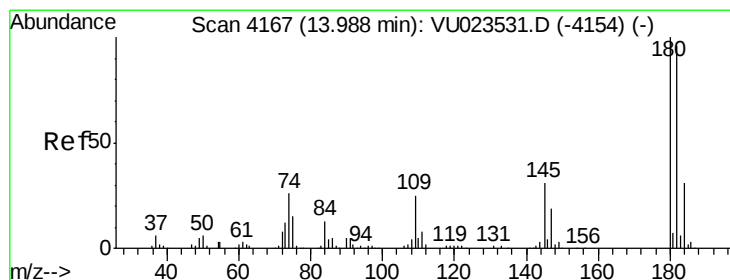
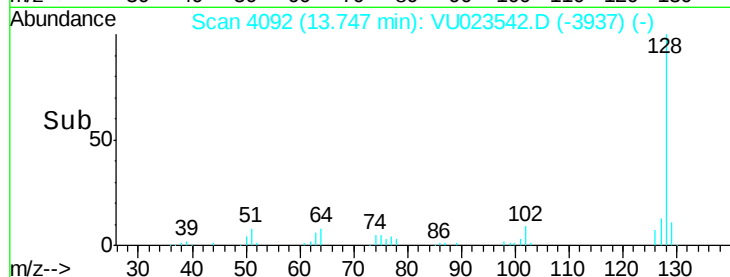
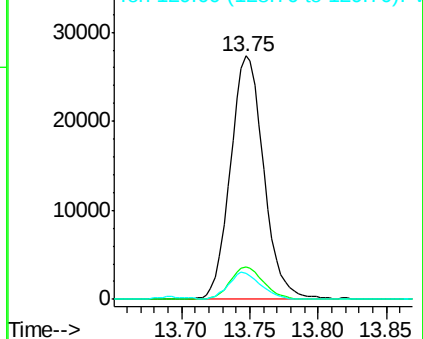
129 10.7 8.7 13.1



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: 2.00 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU023542.D

Acq: 30 Apr 2018 22:25

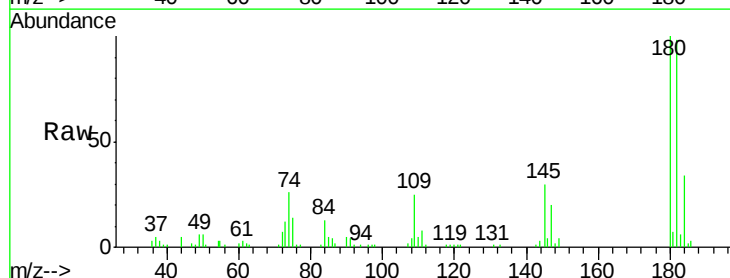
Tgt Ion:180 Resp: 30996

Ion Ratio Lower Upper

180 100

182 96.9 76.8 115.2

145 30.8 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

