

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025136.D
 Acq On : 02 Jul 2018 12:17
 Operator : MD/SY
 Sample : VU0702WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Quant Time: Jul 03 02:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	170530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251605	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135736	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	4.89	113	110662	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
50) Toluene-d8	7.57	98	353039	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	10.31	95	151565	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	35220	16.500	ug/l	97
3) Chloromethane	1.33	50	38346	17.584	ug/l	99
4) Vinyl Chloride	1.40	62	39989	17.781	ug/l	98
5) Bromomethane	1.62	94	22732	20.909	ug/l	98
6) Chloroethane	1.70	64	26372	20.361	ug/l	99
7) Trichlorofluoromethane	1.89	101	68721	20.023	ug/l	98
8) Diethyl Ether	2.10	74	26137	21.298	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41561	19.519	ug/l	97
10) Methyl Iodide	2.41	142	32882	21.606	ug/l	99
11) Tert butyl alcohol	2.82	59	67013	98.974	ug/l	99
12) 1,1-Dichloroethene	2.28	96	36708	18.905	ug/l	97
13) Acrolein	2.19	56	19868	55.879	ug/l	98
14) Allyl chloride	2.59	41	65203	18.085	ug/l	99
15) Acrylonitrile	2.94	53	131756	100.017	ug/l	98
16) Acetone	2.32	43	152721	102.099	ug/l	97
17) Carbon Disulfide	2.48	76	103837	16.701	ug/l	98
18) Methyl Acetate	2.62	43	78496	24.479	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	152014	20.827	ug/l	95
20) Methylene Chloride	2.70	84	46670	19.885	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	41766	19.529	ug/l	95
22) Diisopropyl ether	3.57	45	147531	20.643	ug/l	95
23) Vinyl Acetate	3.53	43	617115	96.392	ug/l	100
24) 1,1-Dichloroethane	3.45	63	82730	20.122	ug/l	98
25) 2-Butanone	4.26	43	203744	101.405	ug/l	97
26) 2,2-Dichloropropane	4.23	77	77797	19.928	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	49370	20.080	ug/l	99
28) Bromochloromethane	4.55	49	36990	20.426	ug/l	86
29) Tetrahydrofuran	4.63	42	121696	97.808	ug/l	97
30) Chloroform	4.68	83	86573	20.804	ug/l	98
31) Cyclohexane	5.00	56	74130	19.083	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	78450	20.386	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60444	20.444	ug/l	96
37) Ethyl Acetate	4.38	43	70375	21.839	ug/l #	97
38) Carbon Tetrachloride	5.14	117	69570	21.398	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77277	20.945	ug/l	95
40) Benzene	5.39	78	180363	21.409	ug/l	99
41) Methacrylonitrile	4.54	41	39598	22.791	ug/l	97
42) 1,2-Dichloroethane	5.41	62	77068	24.019	ug/l	99
43) Isopropyl Acetate	5.55	43	114700	20.592	ug/l	99
44) Trichloroethene	6.19	130	50624	21.114	ug/l	95
45) 1,2-Dichloropropane	6.44	63	47578	21.166	ug/l	99
46) Dibromomethane	6.56	93	35221	22.307	ug/l	95
47) Bromodichloromethane	6.76	83	66613	21.187	ug/l	96
48) Methyl methacrylate	6.63	41	59146	21.806	ug/l	96
49) 1,4-Dioxane	6.61	88	26136	492.735	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	373225	106.653	ug/l	99
52) Toluene	7.64	92	115043	21.225	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71807	20.337	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	75624	20.100	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47661	21.633	ug/l	98
56) Ethyl methacrylate	8.02	69	77026	20.888	ug/l	99
57) 1,3-Dichloropropane	8.25	76	81023	21.800	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	131415	93.022	ug/l	93
59) 2-Hexanone	8.36	43	292497	102.381	ug/l	99
60) Dibromochloromethane	8.48	129	53258	19.385	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52611	21.454	ug/l	98
64) Tetrachloroethene	8.23	164	47971	21.306	ug/l	97
65) Chlorobenzene	9.12	112	132105	21.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50535	21.982	ug/l	98
67) Ethyl Benzene	9.25	91	226783	21.378	ug/l	98
68) m/p-Xylenes	9.38	106	174415	42.817	ug/l	99
69) o-Xylene	9.78	106	87529	21.712	ug/l	98
70) Styrene	9.80	104	136603	20.620	ug/l	99
71) Bromoform	9.96	173	41429	18.960	ug/l #	100
73) Isopropylbenzene	10.17	105	234490	21.828	ug/l	99
74) N-amyl acetate	10.01	43	97381	19.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	78617	21.839	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	89843	29.165	ug/l	84
77) Bromobenzene	10.45	156	58291	21.434	ug/l	96
78) n-propylbenzene	10.59	91	263043	20.786	ug/l	98
79) 2-Chlorotoluene	10.66	91	159971	21.436	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202510	21.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	89843	67.499	ug/l #	100
82) 4-Chlorotoluene	10.78	91	184161	21.203	ug/l	100
83) tert-Butylbenzene	11.10	119	200689	22.407	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	204615	21.564	ug/l	98
85) sec-Butylbenzene	11.33	105	240887	21.486	ug/l	98
86) p-Isopropyltoluene	11.48	119	207228	20.639	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108149	21.524	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106341	21.028	ug/l	99
89) n-Butylbenzene	11.89	91	165737	18.592	ug/l	96
90) Hexachloroethane	12.15	117	34810	17.772	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	110281	21.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19410	19.541	ug/l	93

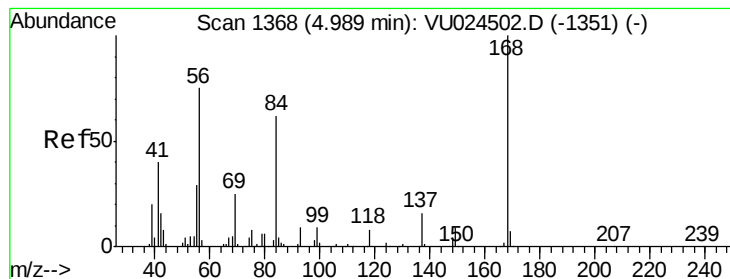
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	66042	21.251	ug/l	99
94) Hexachlorobutadiene	13.70	225	37355	21.355	ug/l	98
95) Naphthalene	13.75	128	220232	21.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	71694	23.152	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

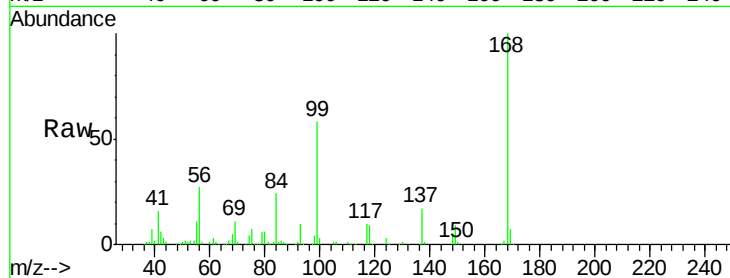
VU0702WBSD01

Tot Ion:168 Resp: 170530

Ion Ratio Lower Upper

168 100

99 57.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025136.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025136.D (-1275) (-)

4.99

80000

60000

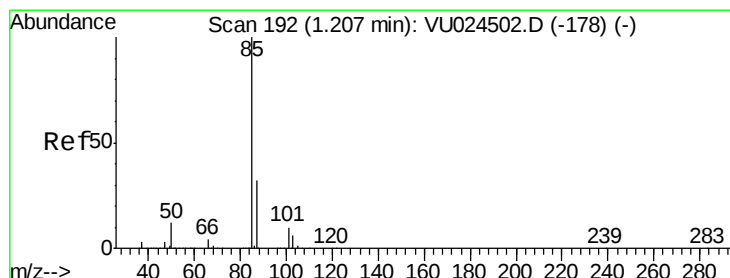
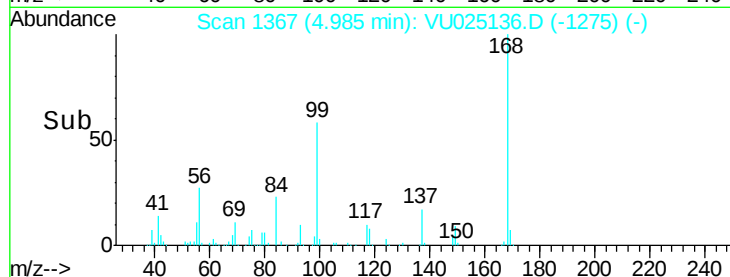
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.500 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025136.D

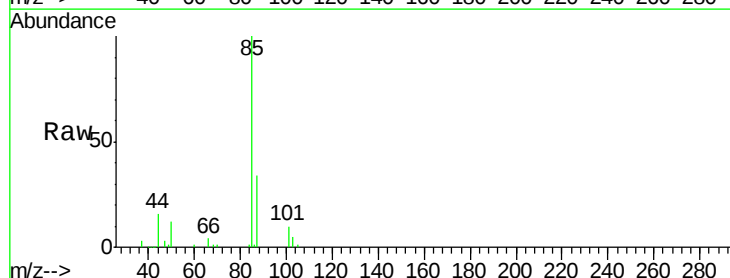
Acq: 02 Jul 2018 12:17

Tgt Ion: 85 Resp: 35220

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU025136.D (-99) (-)

Ion 86.90 (86.60 to 87.60): VU025136.D (-99) (-)

1.20

30000

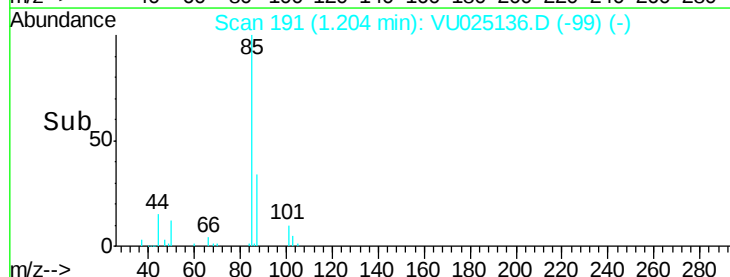
20000

10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.584 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

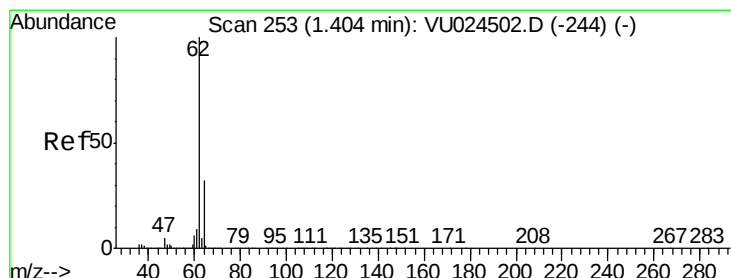
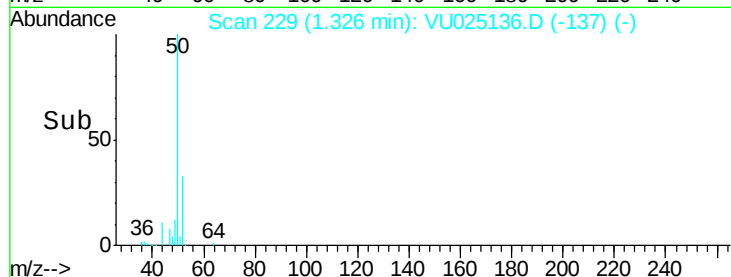
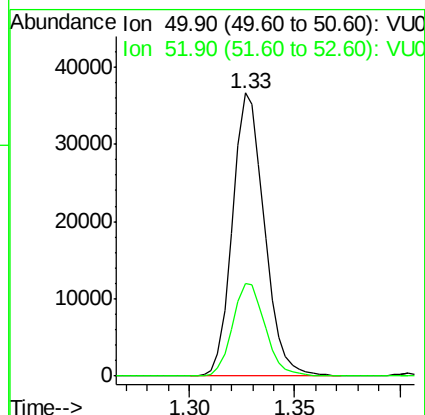
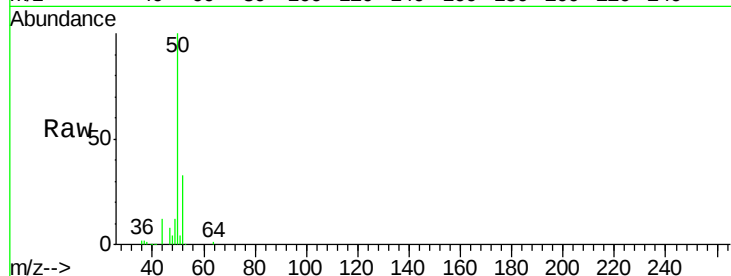
VU0702WBSD01

Tot Ion: 50 Resp: 38346

Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6



#4

Vinyl Chloride

Concen: 17.781 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025136.D

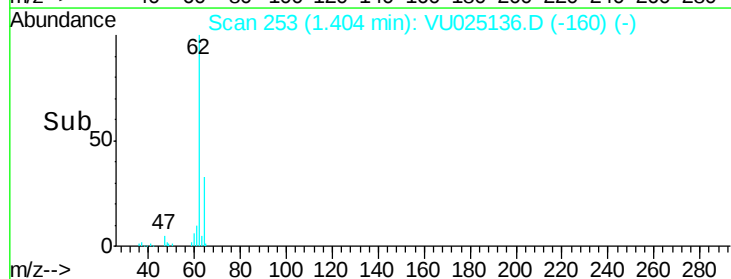
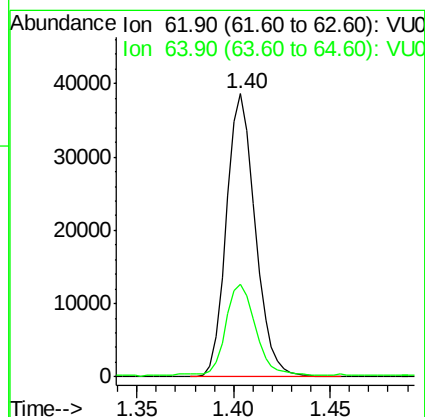
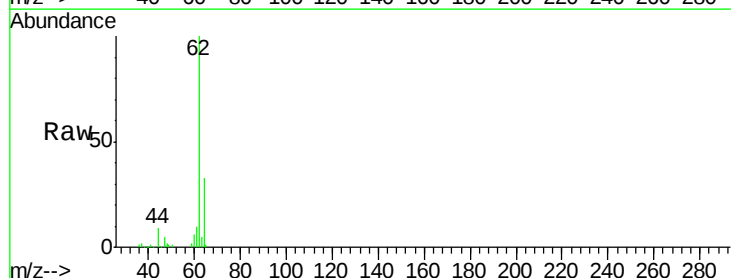
Acq: 02 Jul 2018 12:17

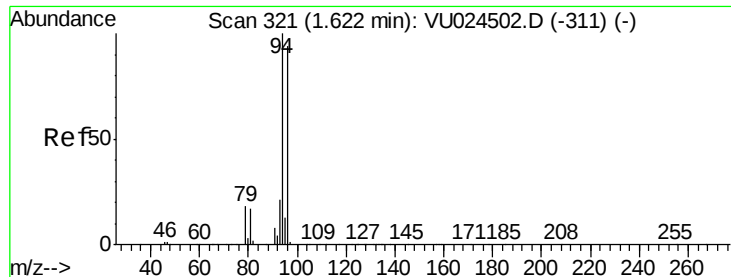
Tgt Ion: 62 Resp: 39989

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 20.909 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

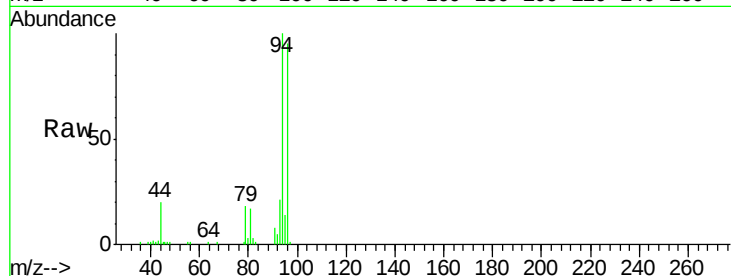
VU0702WBSD01

Tot Ion: 94 Resp: 22732

Ion Ratio Lower Upper

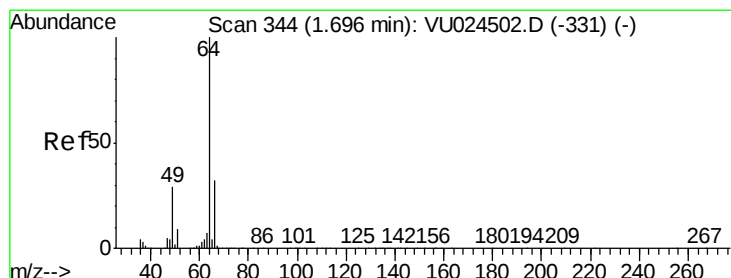
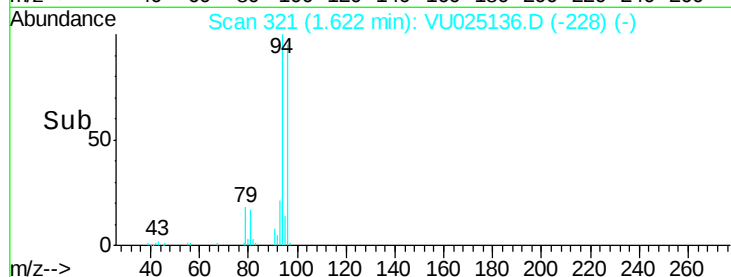
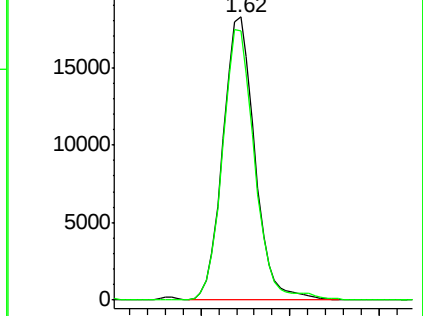
94 100

96 95.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 20.361 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025136.D

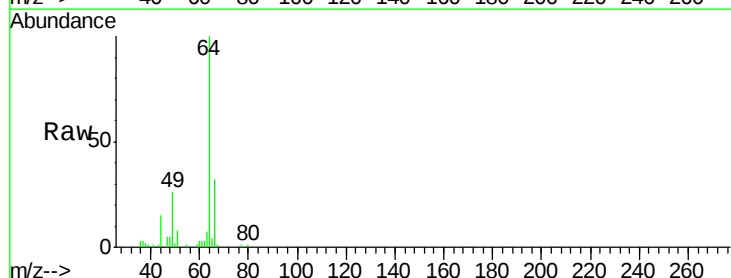
Acq: 02 Jul 2018 12:17

Tgt Ion: 64 Resp: 26372

Ion Ratio Lower Upper

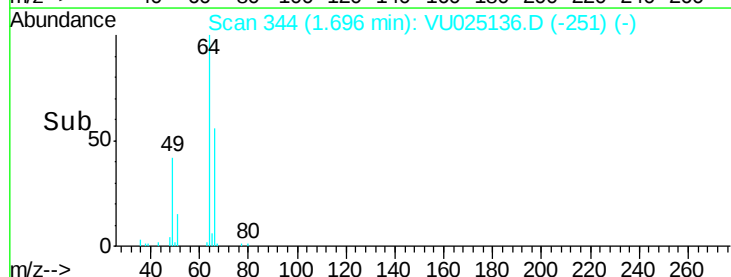
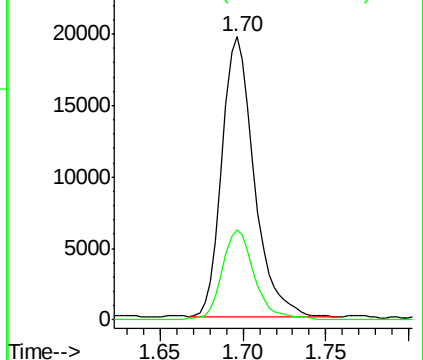
64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



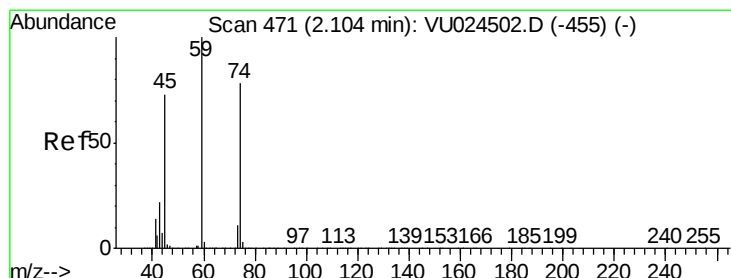
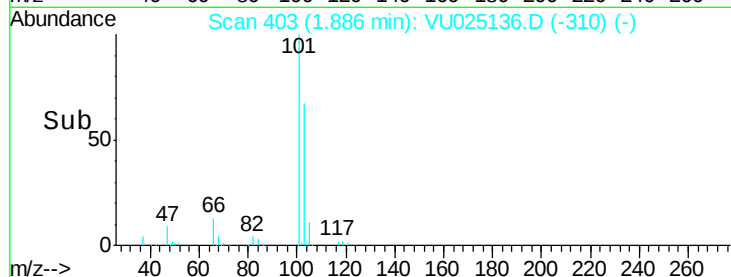
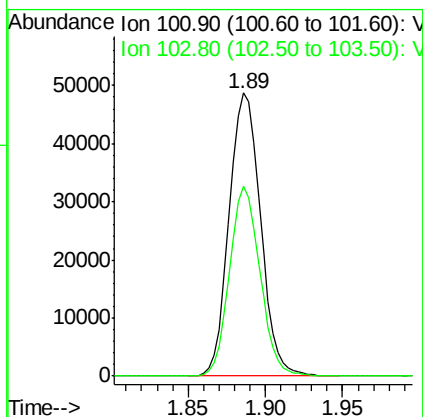
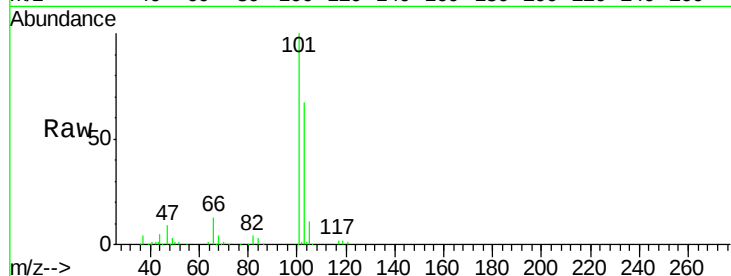


#7

Trichlorofluoromethane
 Concen: 20.023 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
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 VU0702WBSD01

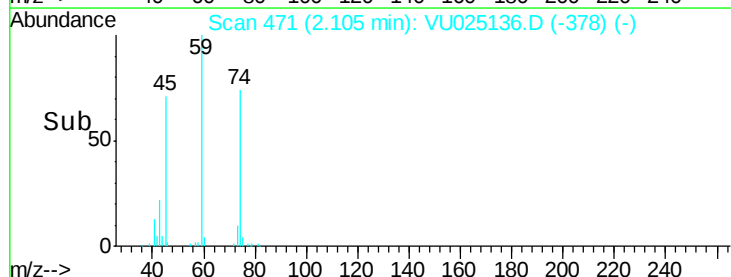
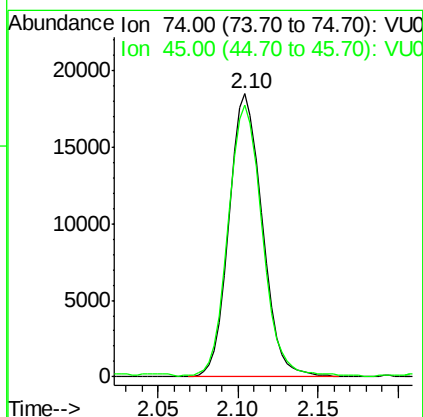
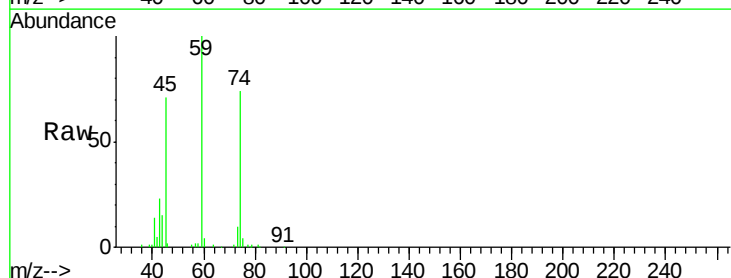
Tot Ion:101 Resp: 68721
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.3 78.5



#8

Diethyl Ether
 Concen: 21.298 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 74 Resp: 26137
 Ion Ratio Lower Upper
 74 100
 45 99.5 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.519 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

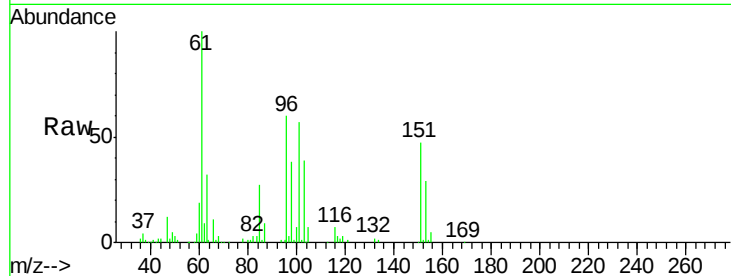
Tot Ion:101 Resp: 41561

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

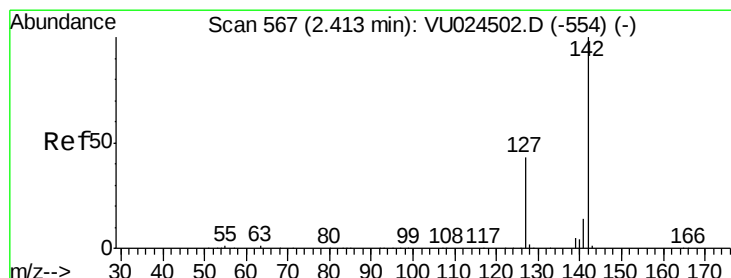
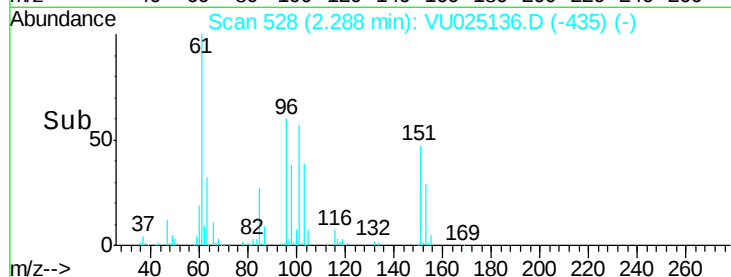
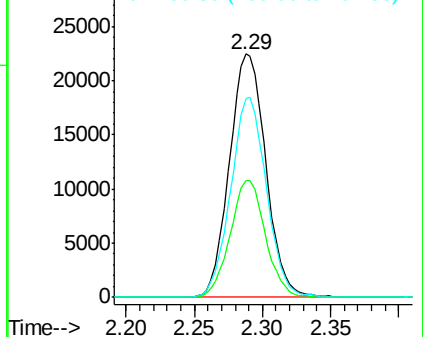
151 80.7 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.606 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

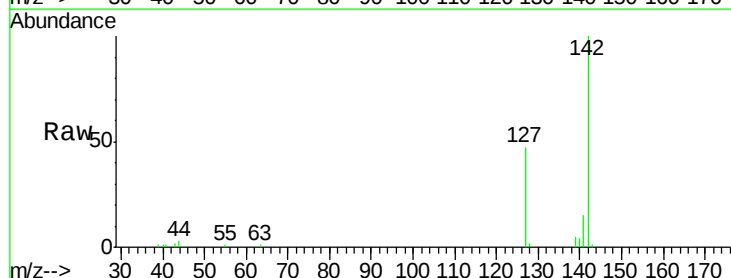
Tgt Ion:142 Resp: 32882

Ion Ratio Lower Upper

142 100

127 45.6 35.6 53.4

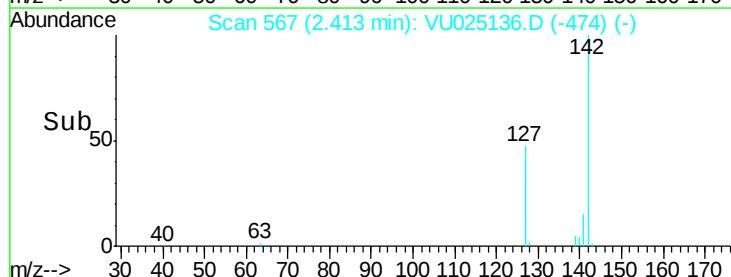
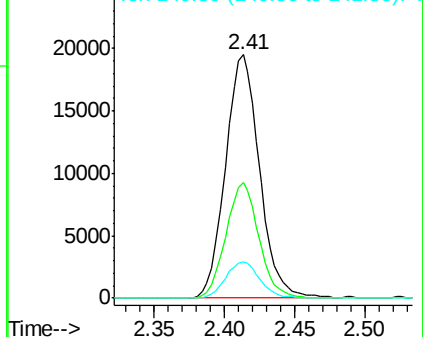
141 14.7 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

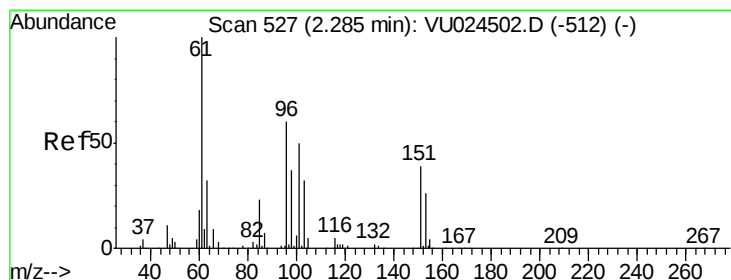
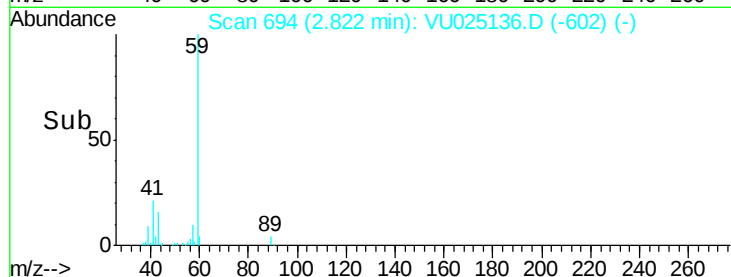
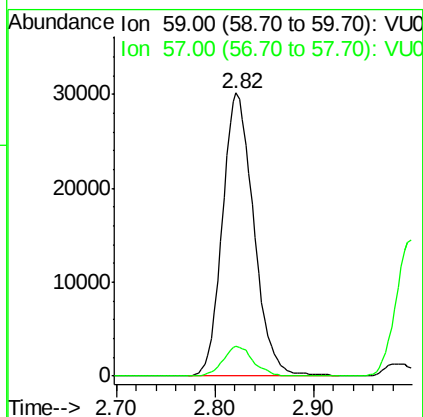
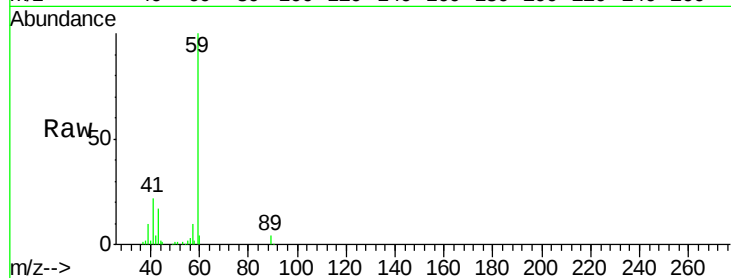




#11
Tert butyl alcohol
Concen: 98.974 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

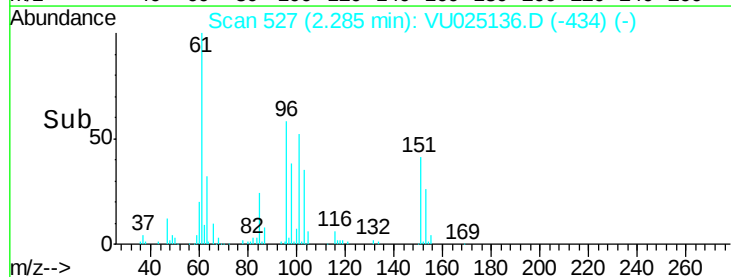
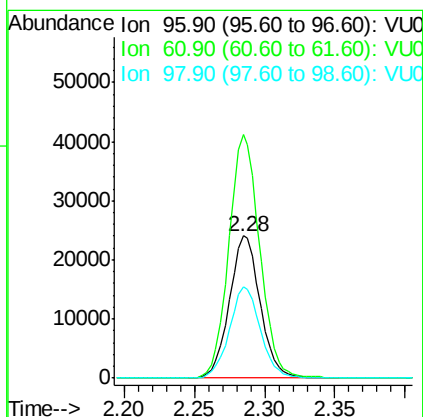
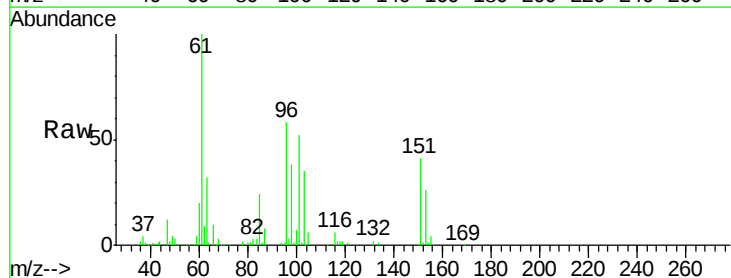
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

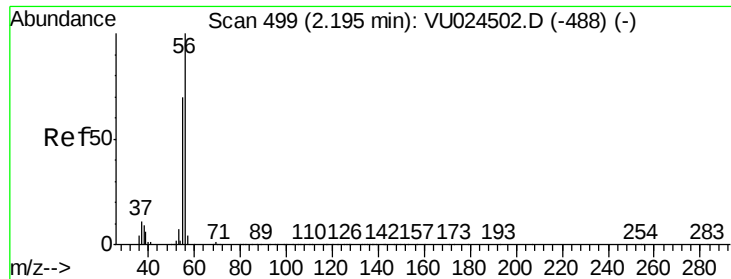
Tot Ion: 59 Resp: 67013
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.905 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 96 Resp: 36708
Ion Ratio Lower Upper
96 100
61 171.3 141.7 212.5
98 64.3 51.6 77.4

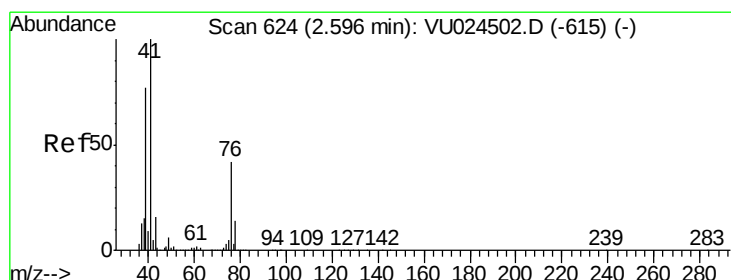
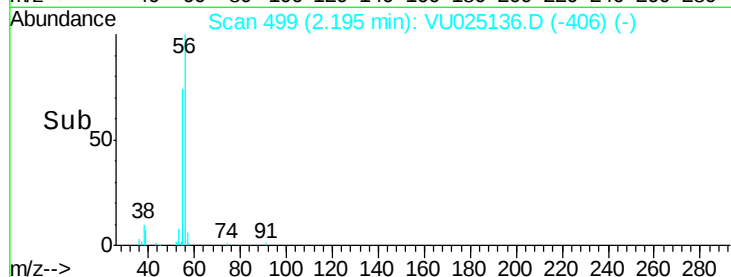
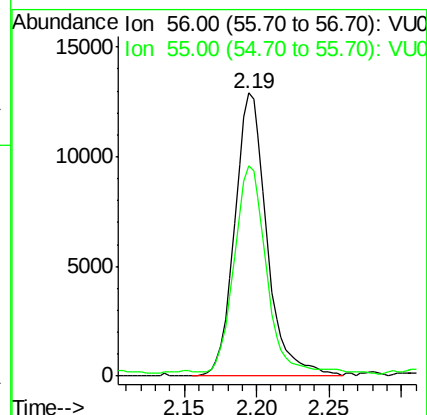
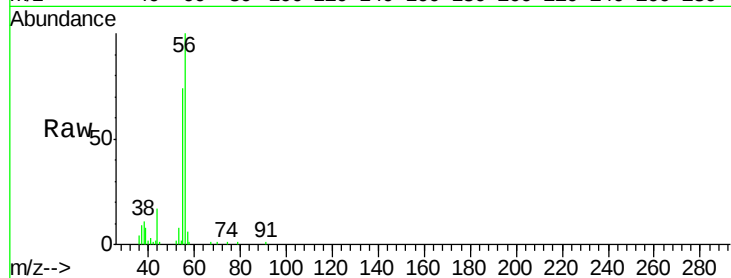




#13
Acrolein
Concen: 55.879 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

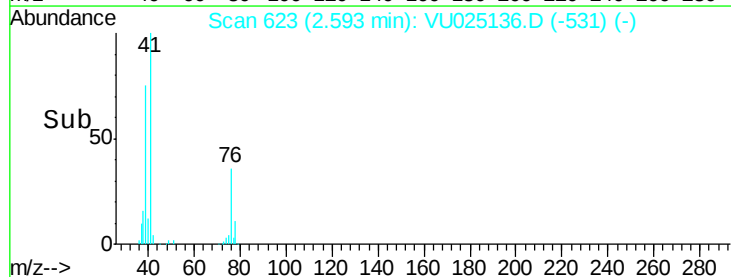
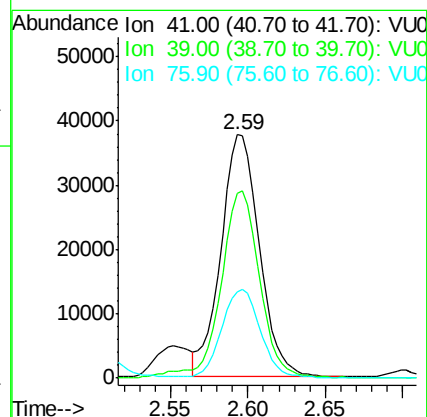
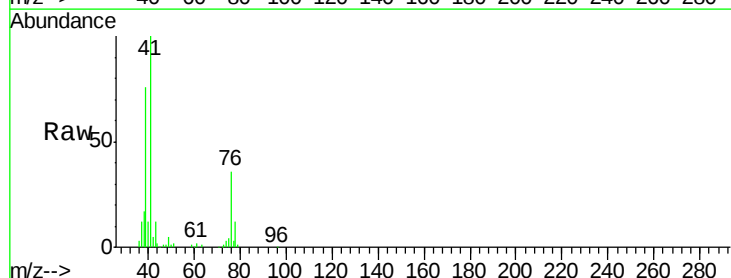
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 56 Resp: 19868
Ion Ratio Lower Upper
56 100
55 70.9 58.4 87.6



#14
Allyl chloride
Concen: 18.085 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 41 Resp: 65203
Ion Ratio Lower Upper
41 100
39 77.9 61.6 92.4
76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 100.017 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

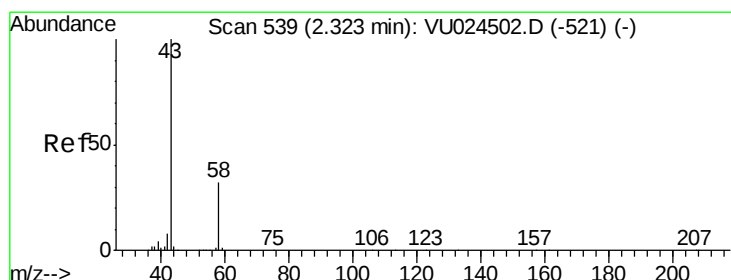
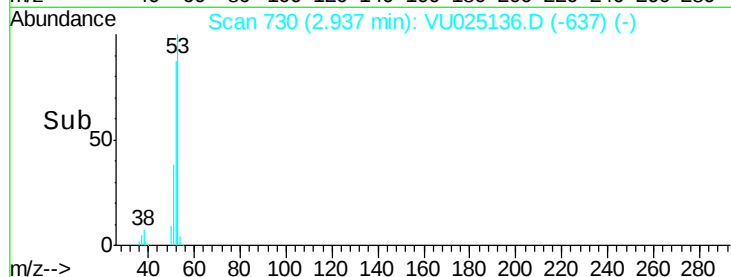
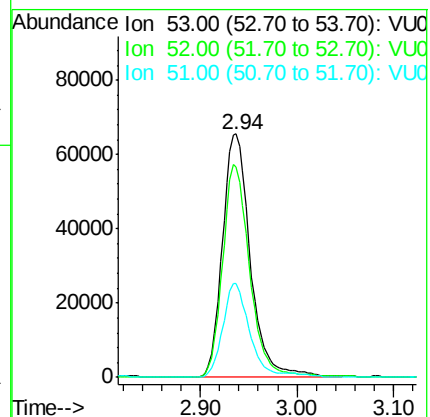
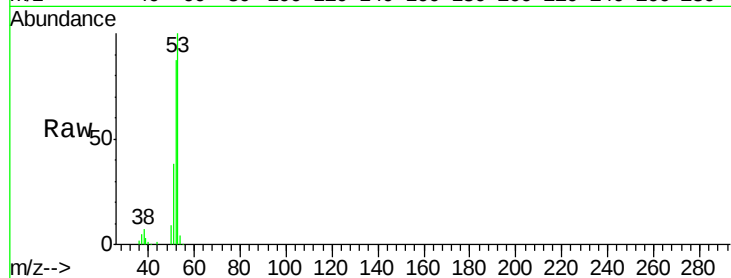
Tot Ion: 53 Resp: 131756

Ion Ratio Lower Upper

53 100

52 84.6 67.1 100.7

51 37.9 28.4 42.6



#16

Acetone

Concen: 102.099 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025136.D

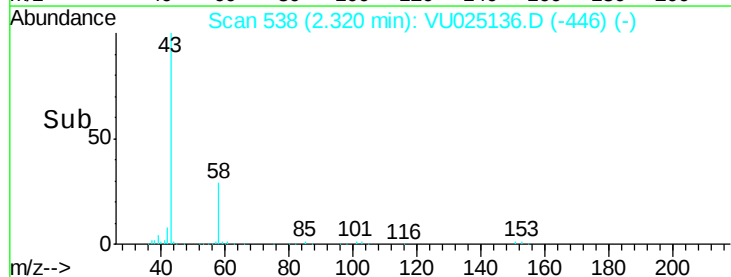
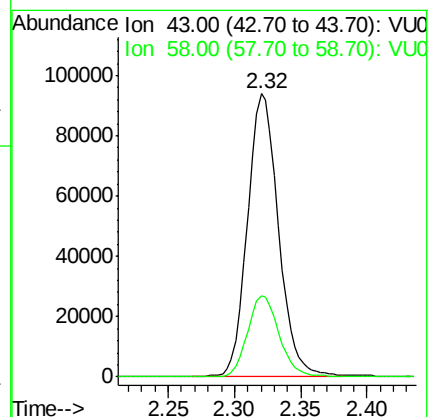
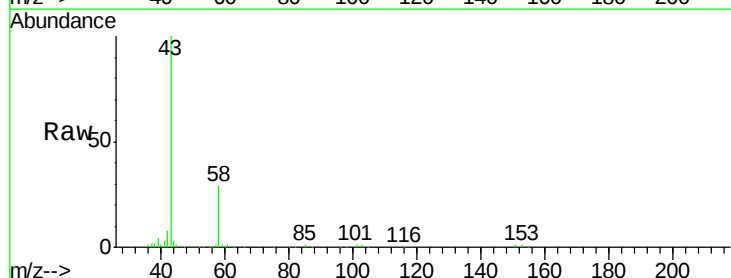
Acq: 02 Jul 2018 12:17

Tgt Ion: 43 Resp: 152721

Ion Ratio Lower Upper

43 100

58 28.7 24.4 36.6

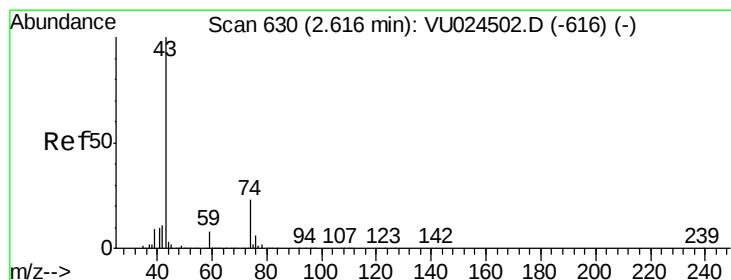
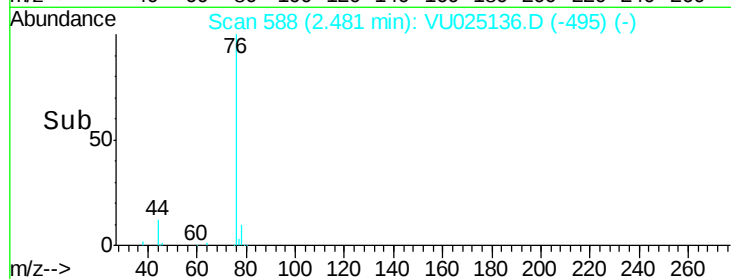
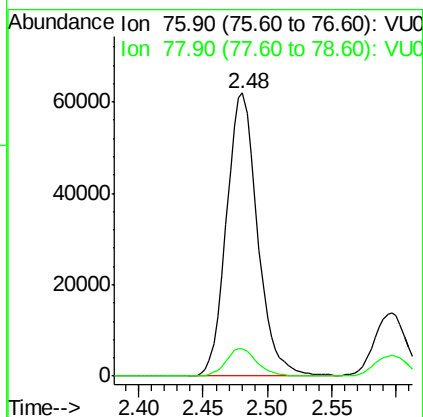
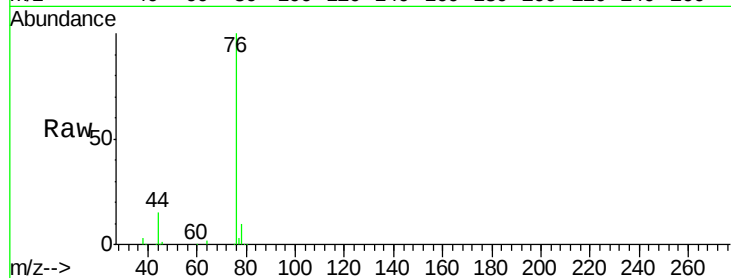




#17
Carbon Disulfide
Concen: 16.701 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

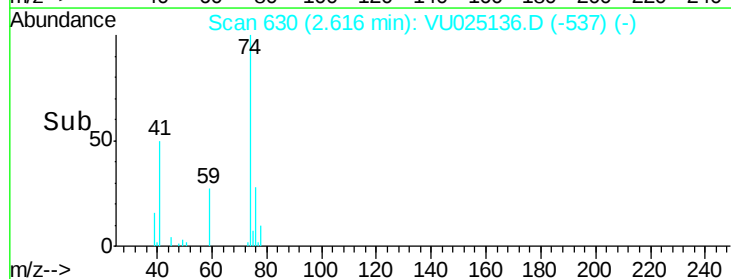
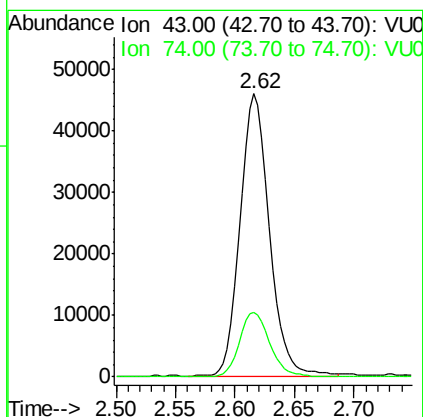
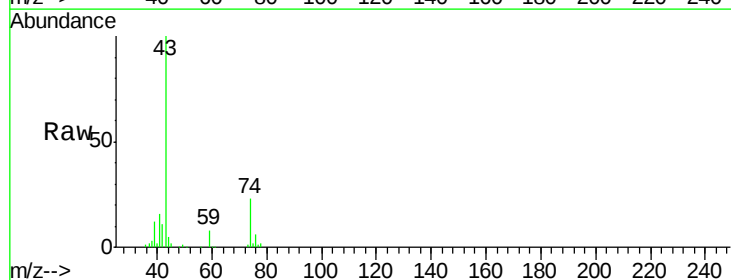
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 76 Resp: 103837
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 24.479 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 43 Resp: 78496
Ion Ratio Lower Upper
43 100
74 23.7 18.0 27.0



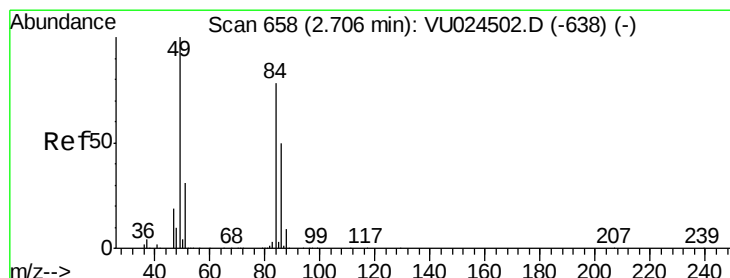
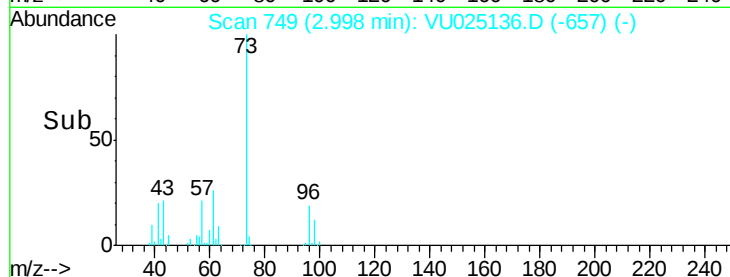
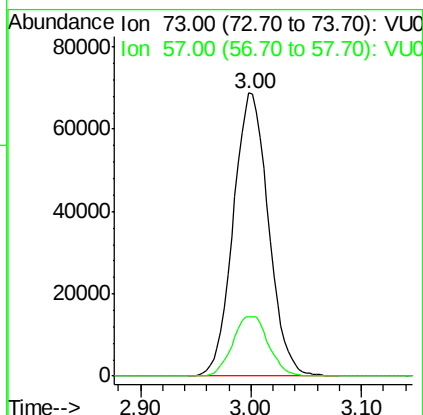
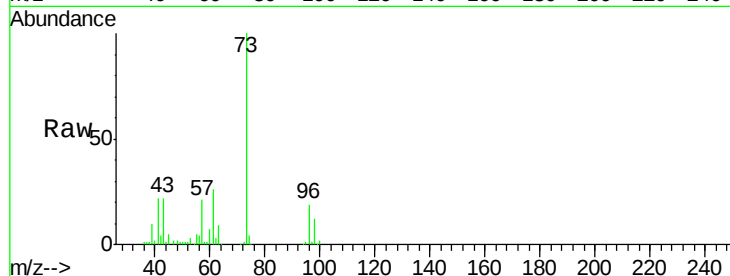


#19

Methyl tert-butyl Ether
 Concen: 20.827 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

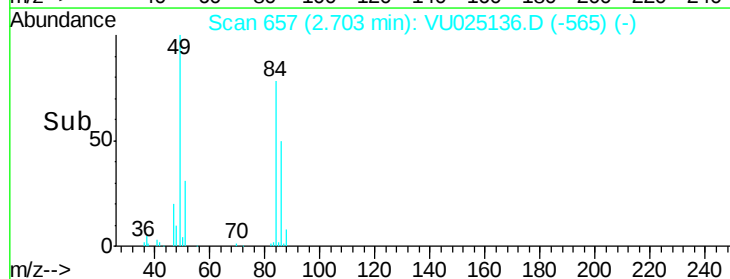
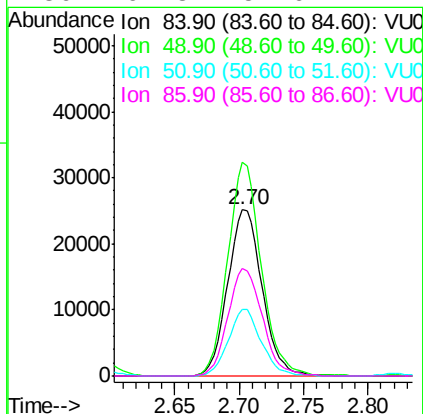
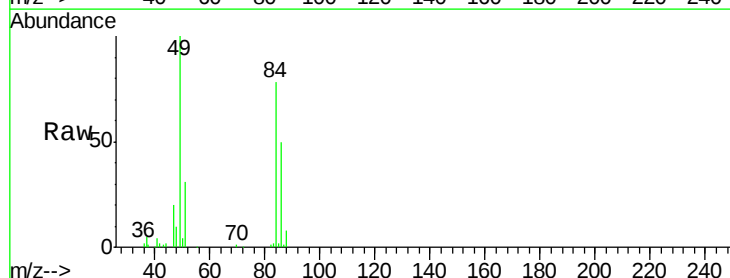
Tot Ion: 73 Resp: 152014
 Ion Ratio Lower Upper
 73 100
 57 21.1 18.8 28.2



#20

Methylene Chloride
 Concen: 19.885 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 84 Resp: 46670
 Ion Ratio Lower Upper
 84 100
 49 128.7 103.8 155.8
 51 40.3 32.0 48.0
 86 64.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.529 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

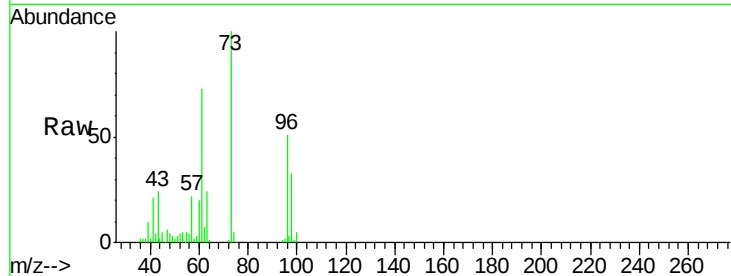
Tot Ion: 96 Resp: 41766

Ion Ratio Lower Upper

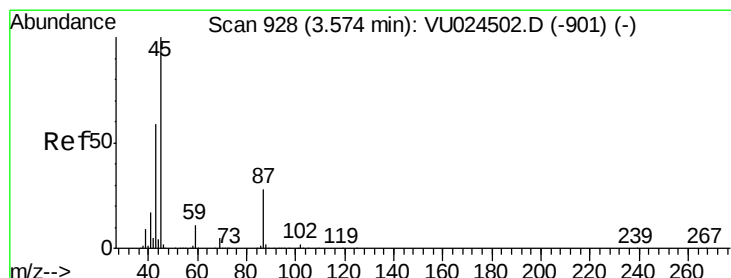
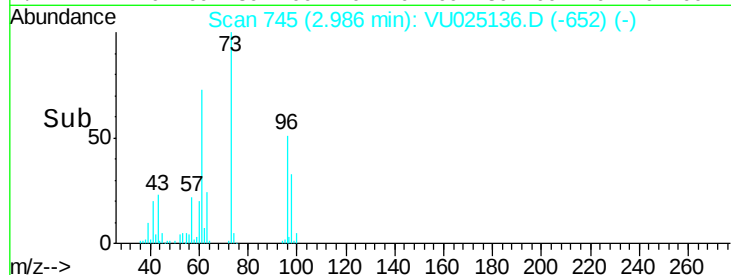
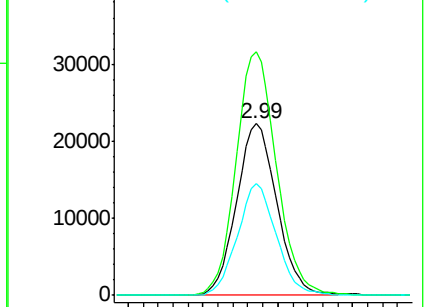
96 100

61 142.1 119.4 179.0

98 65.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.643 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion: 45 Resp: 147531

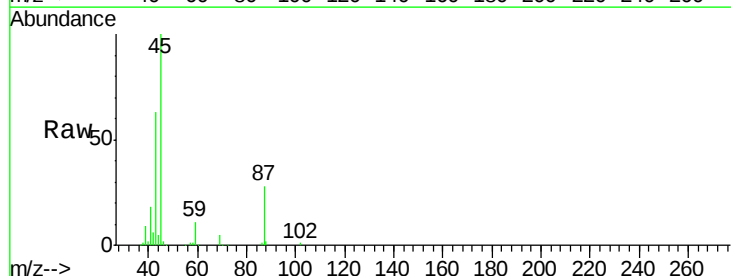
Ion Ratio Lower Upper

45 100

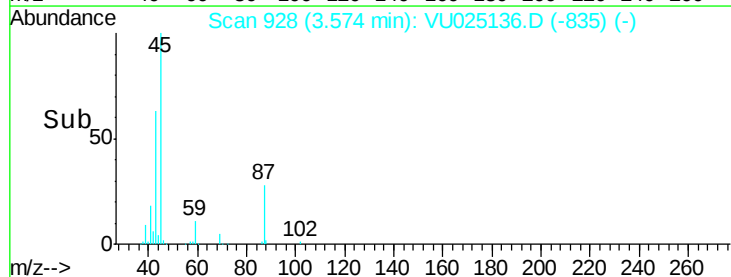
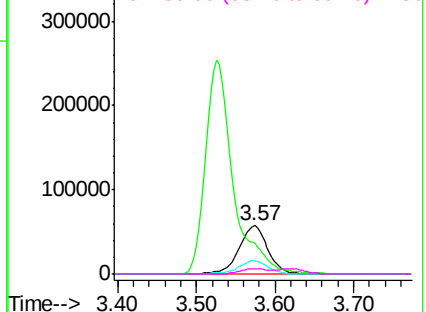
43 61.6 45.8 68.6

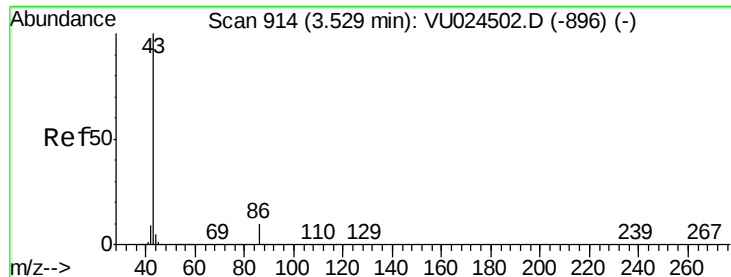
87 27.9 20.6 31.0

59 11.4 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 96.392 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

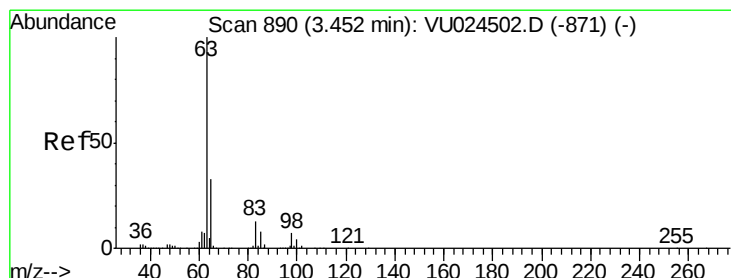
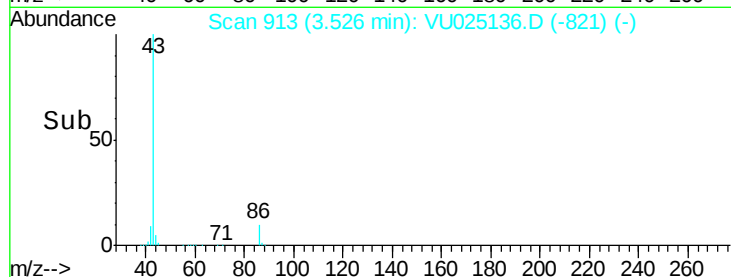
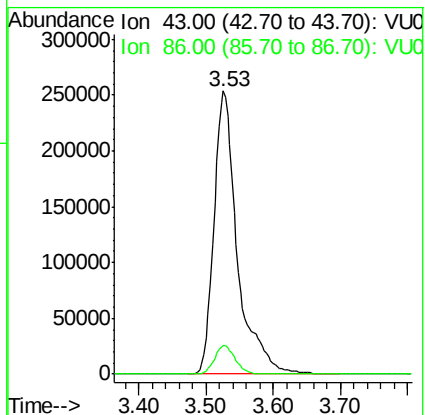
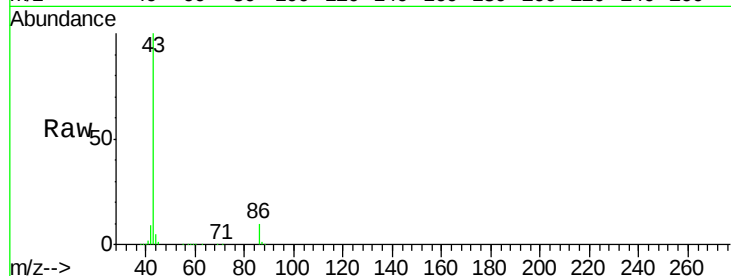
VU0702WBSD01

Tot Ion: 43 Resp: 617115

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.122 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

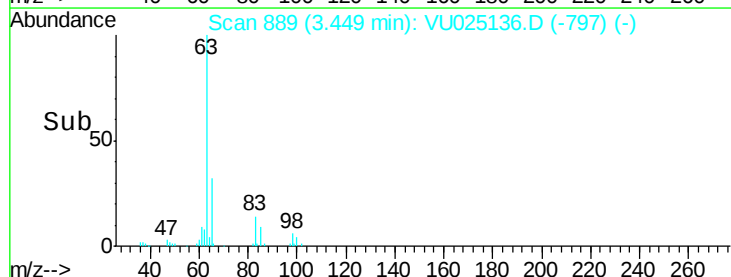
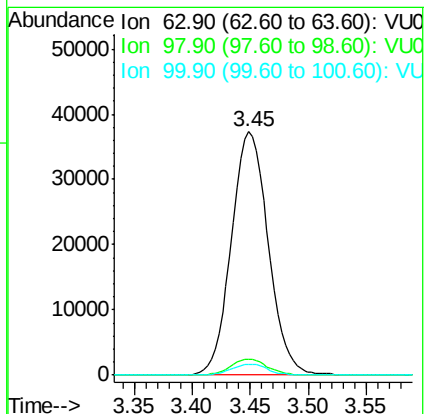
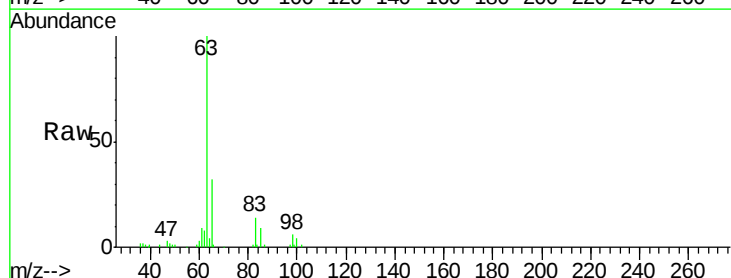
Tgt Ion: 63 Resp: 82730

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.4 1.8 5.5

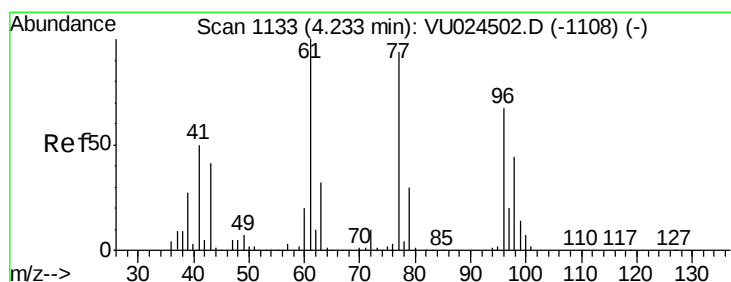
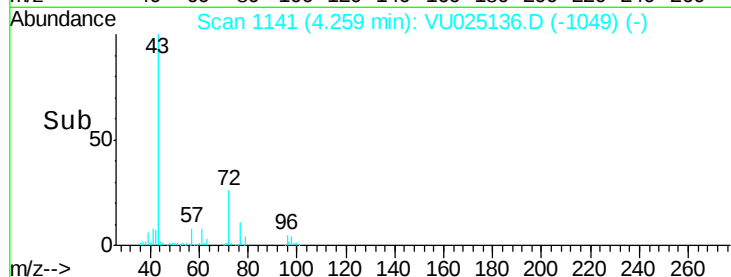
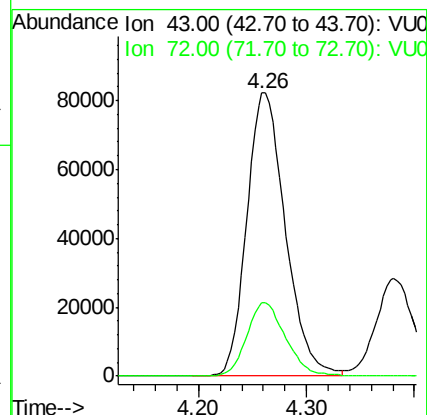
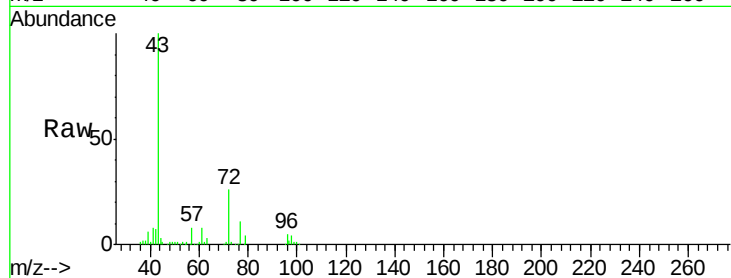




#25
2-Butanone
Concen: 101.405 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

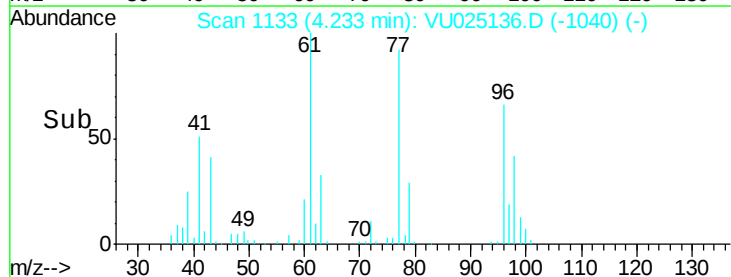
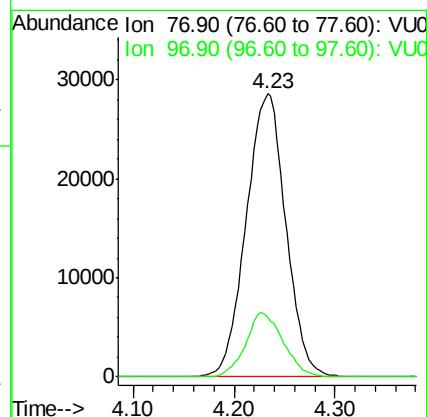
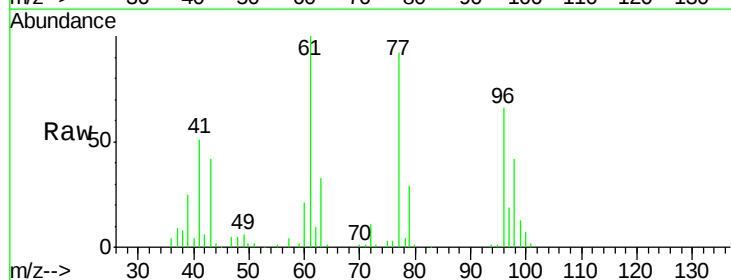
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 43 Resp: 203744
Ion Ratio Lower Upper
43 100
72 25.9 19.6 29.4



#26
2,2-Dichloropropane
Concen: 19.928 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 77 Resp: 77797
Ion Ratio Lower Upper
77 100
97 21.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.080 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

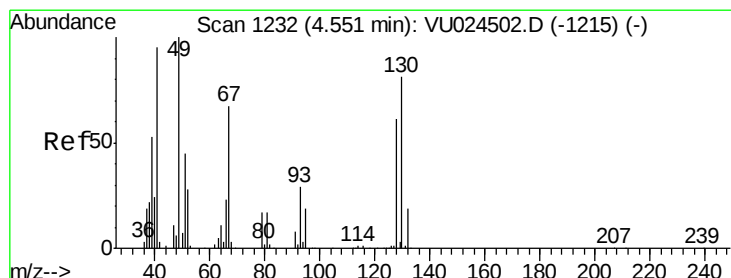
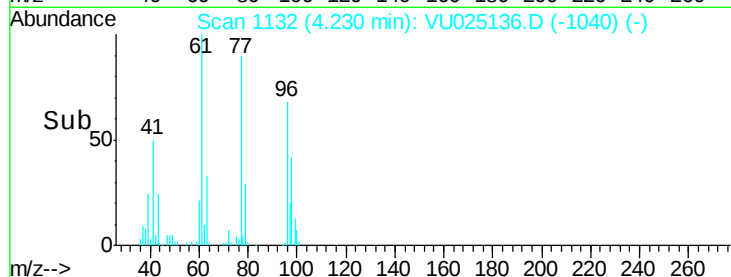
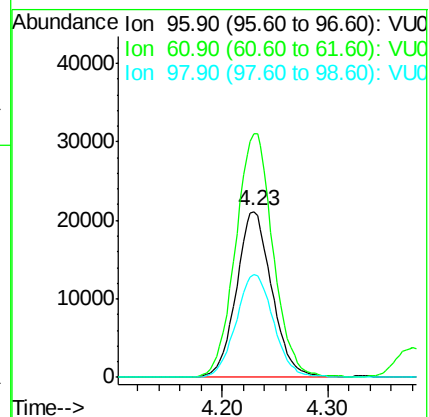
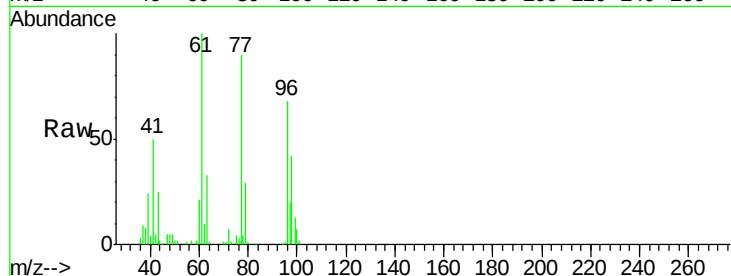
Tot Ion: 96 Resp: 49370

Ion Ratio Lower Upper

96 100

61 154.6 0.0 306.6

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 20.426 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

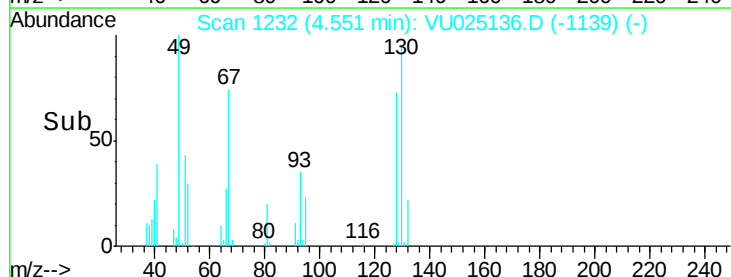
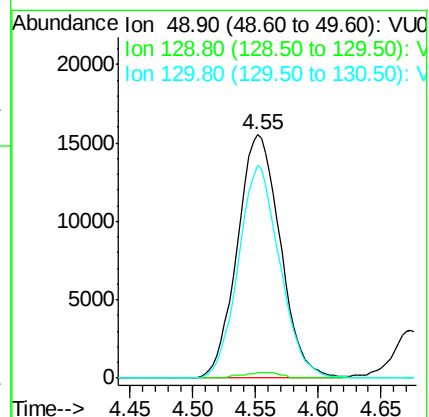
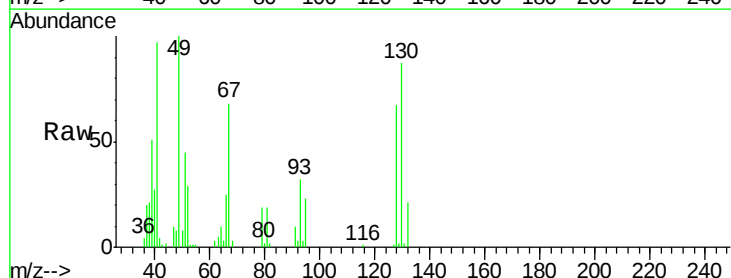
Tgt Ion: 49 Resp: 36990

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 84.3 57.8 86.6





#29

Tetrahydrofuran

Concen: 97.808 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

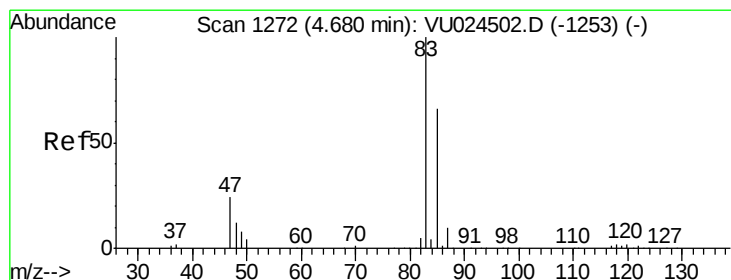
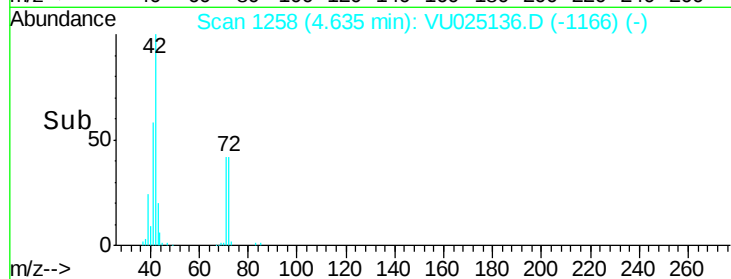
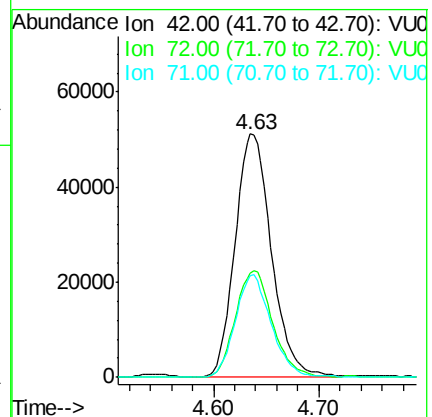
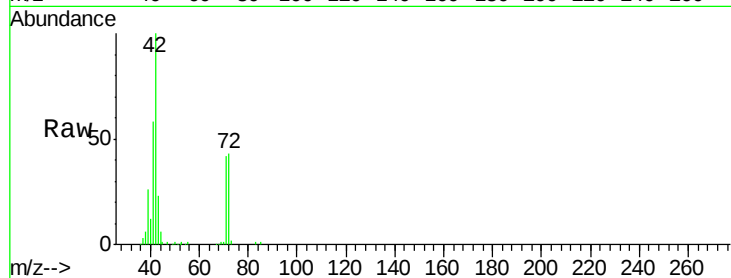
Tot Ion: 42 Resp: 121696

Ion Ratio Lower Upper

42 100

72 45.3 34.5 51.7

71 41.9 32.2 48.4



#30

Chloroform

Concen: 20.804 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025136.D

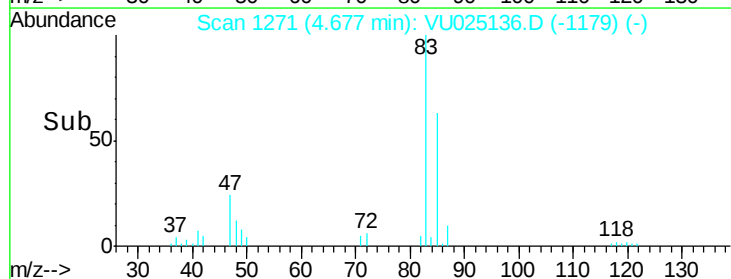
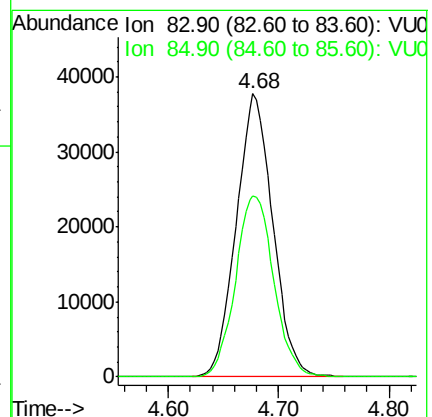
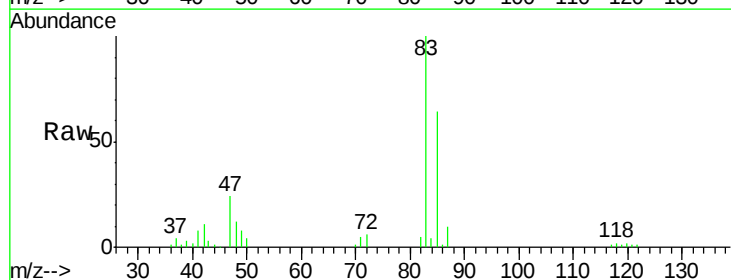
Acq: 02 Jul 2018 12:17

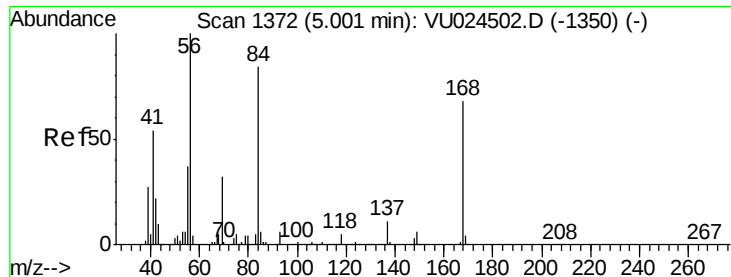
Tgt Ion: 83 Resp: 86573

Ion Ratio Lower Upper

83 100

85 63.7 52.4 78.6

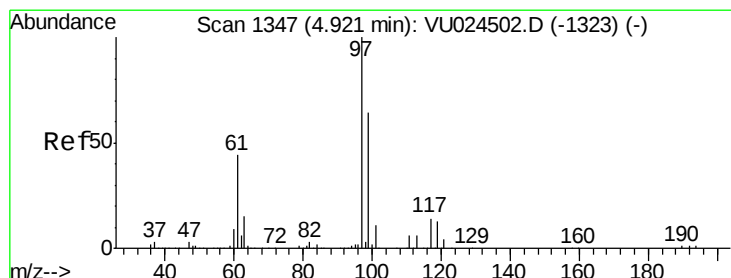
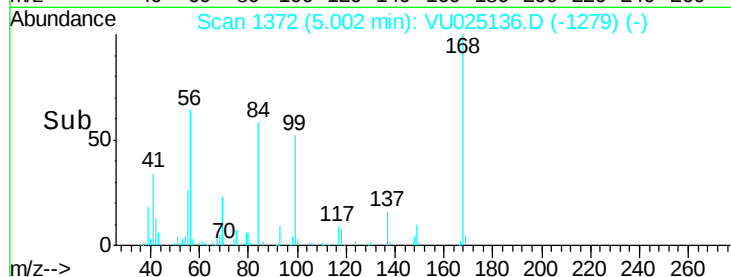
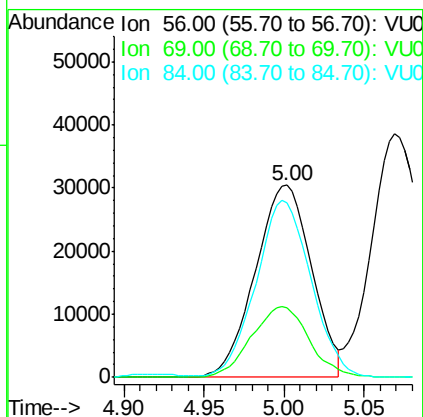
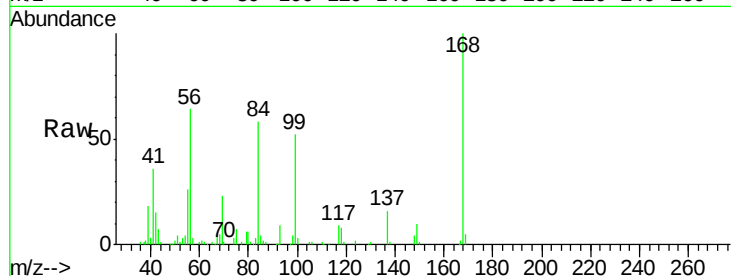




#31
Cyclohexane
Concen: 19.083 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

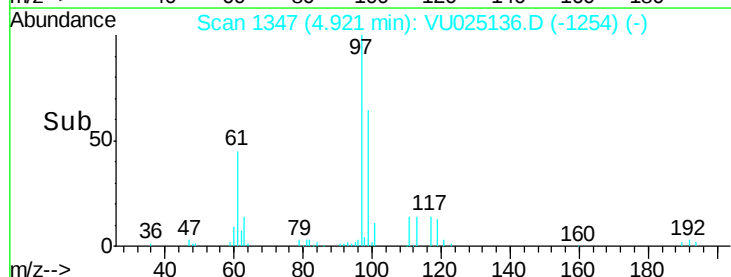
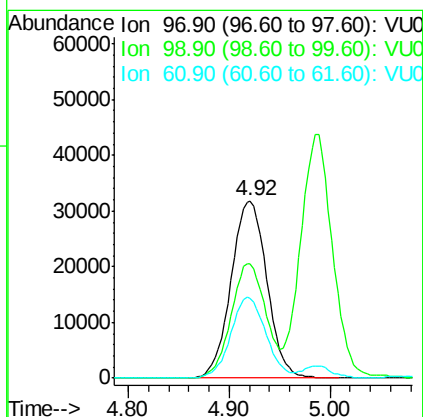
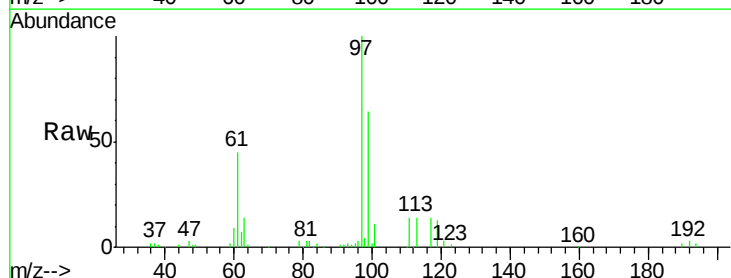
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 56 Resp: 74130
Ion Ratio Lower Upper
56 100
69 36.0 24.8 37.2
84 89.8 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 20.386 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 97 Resp: 78450
Ion Ratio Lower Upper
97 100
99 62.7 51.0 76.6
61 44.7 39.4 59.0

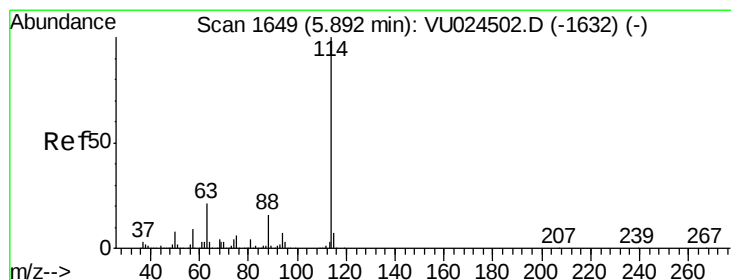
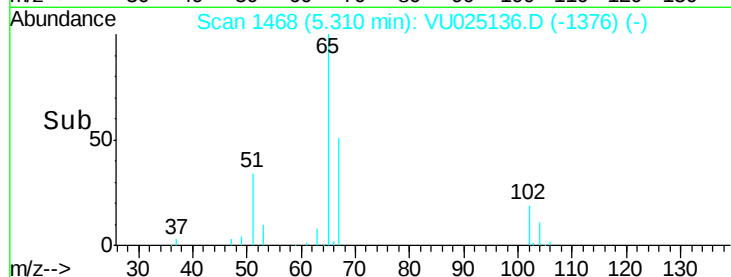
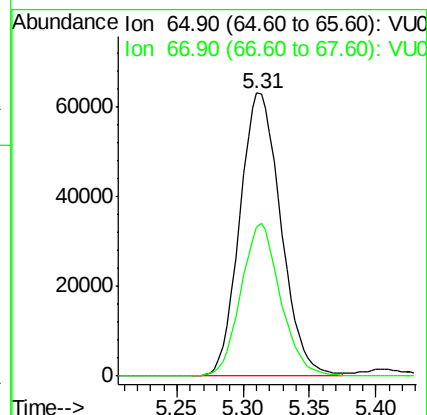
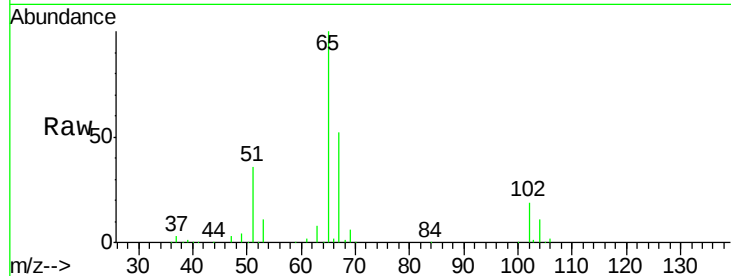




#33
 1,2-Dichloroethane-d4
 Concen: 48.757 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

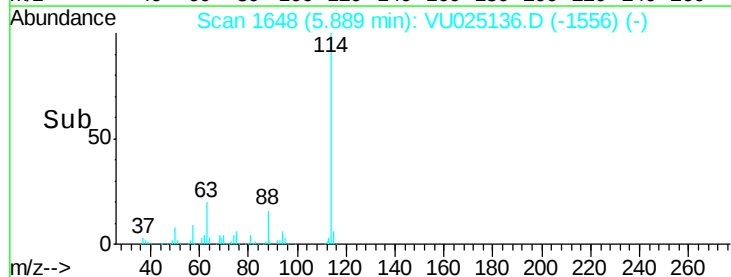
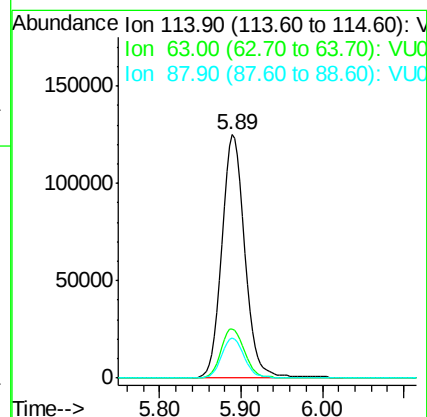
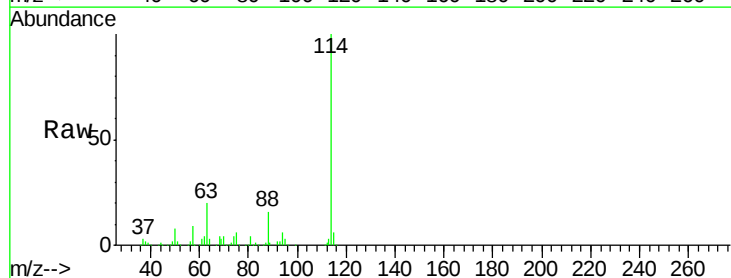
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion: 65 Resp: 135736
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 114 Resp: 251605
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 16.3 0.0 31.0

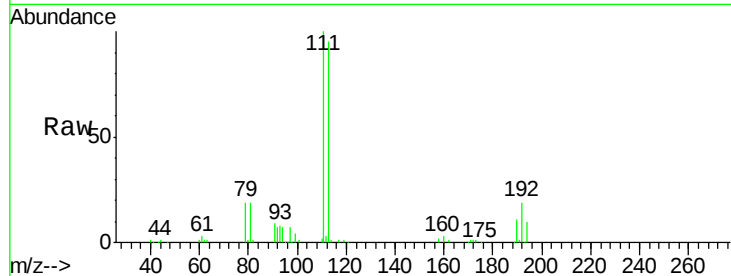




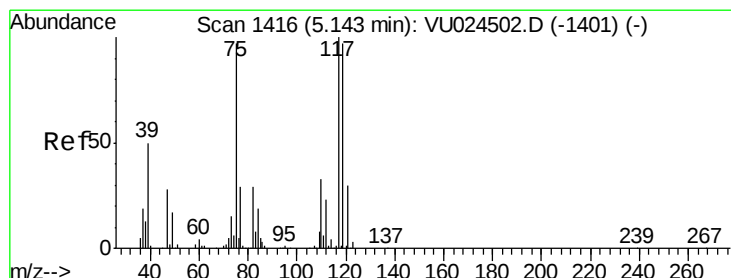
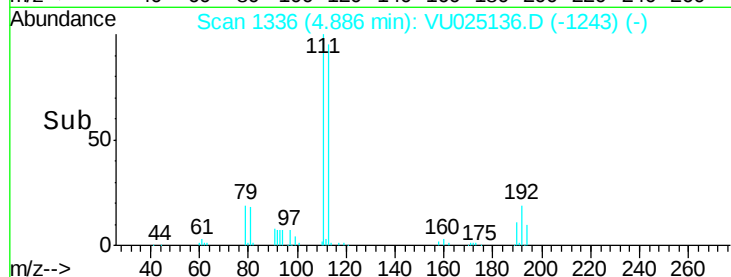
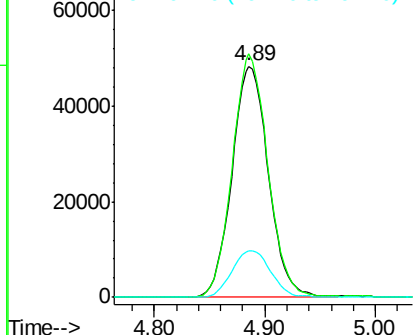
#35
 Dibromofluoromethane
 Concen: 52.996 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	21.5	16.2	24.4

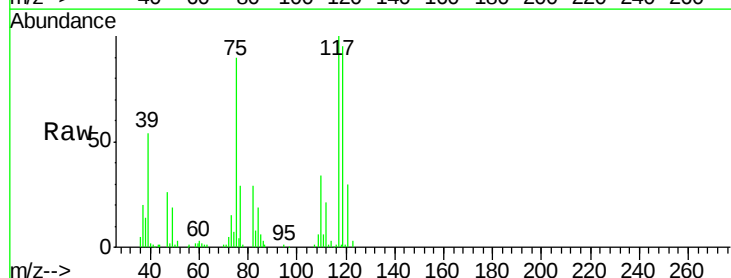


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

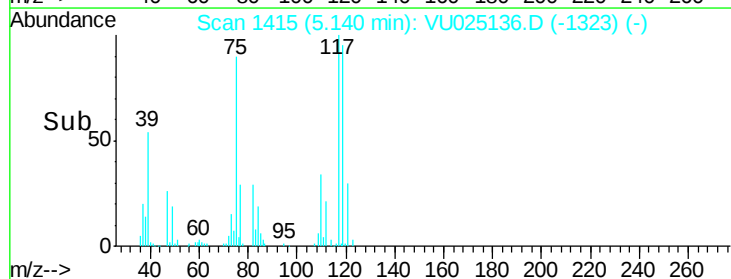
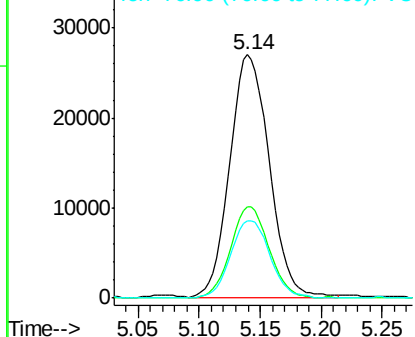


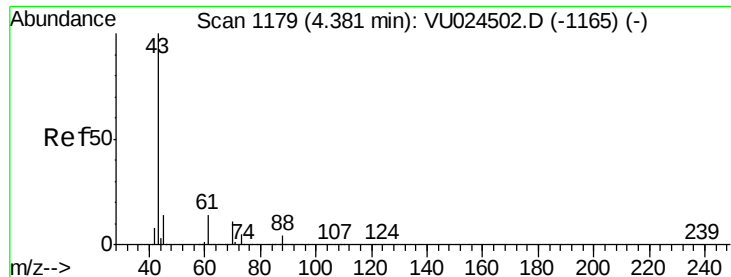
#36
 1,1-Dichloropropene
 Concen: 20.444 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	32.0	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

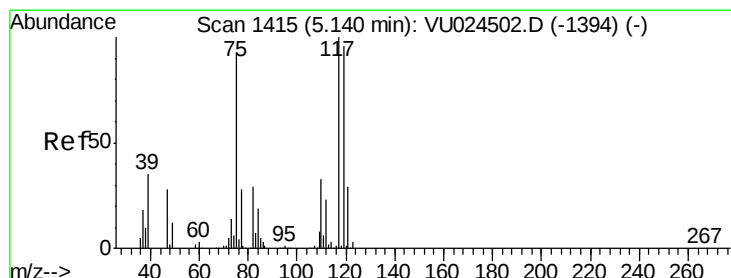
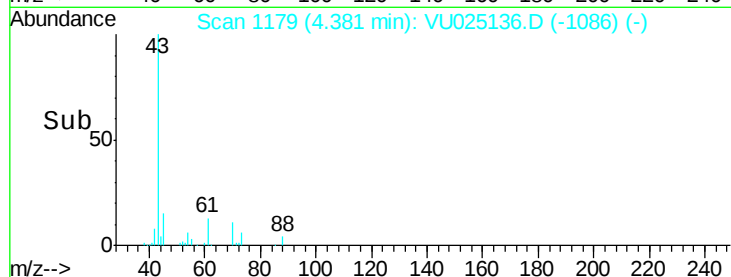
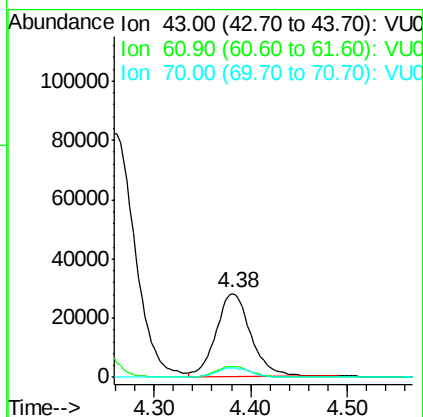
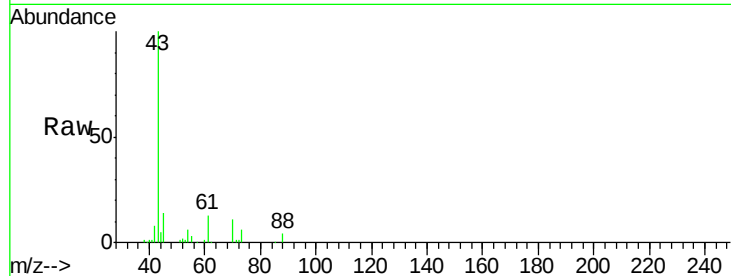




#37
Ethyl Acetate
Concen: 21.839 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

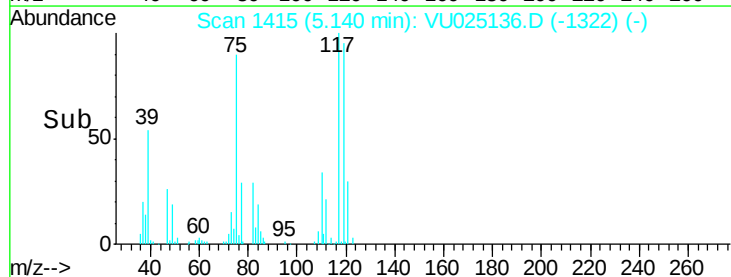
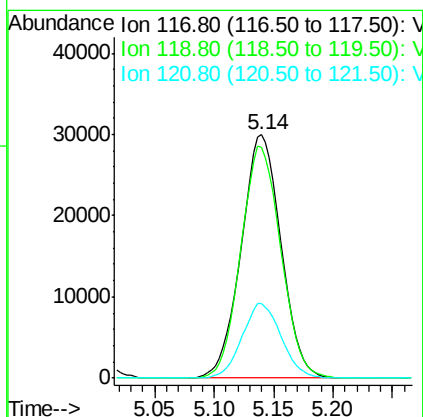
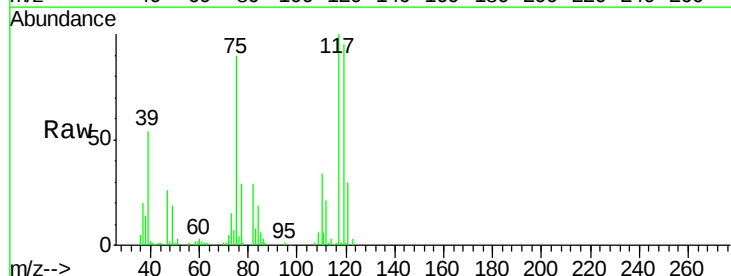
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	43	Resp	70375
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	11.2	7.4	11.2#



#38
Carbon Tetrachloride
Concen: 21.398 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	117	Resp	69570
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
121	30.4	23.7	35.5

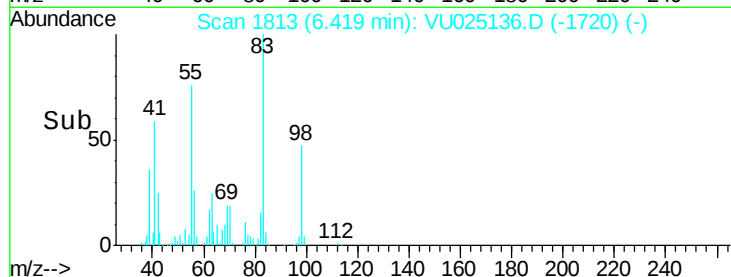
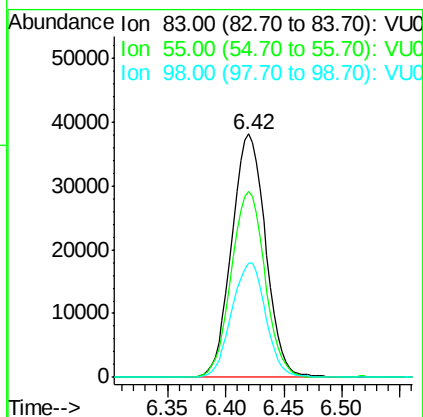
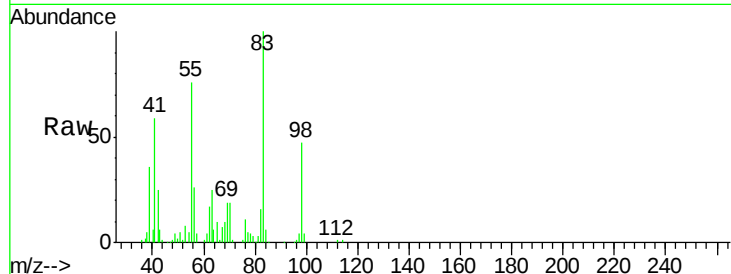




#39
Methvlcvclohexane
Concen: 20.945 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

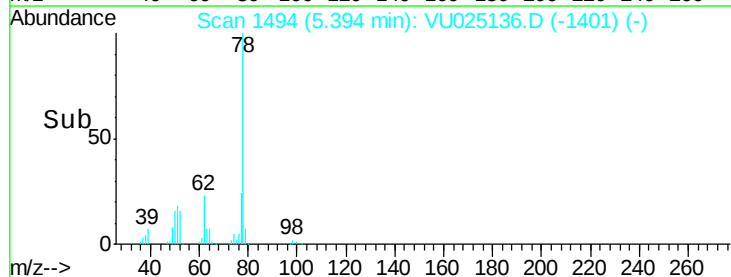
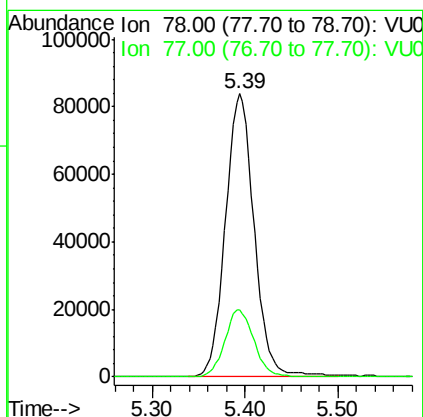
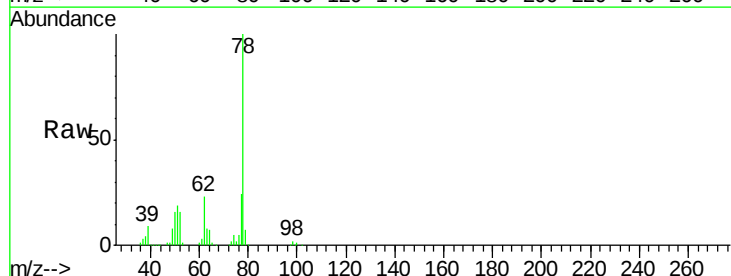
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 83 Resp: 77277
Ion Ratio Lower Upper
83 100
55 76.2 65.8 98.6
98 47.2 36.7 55.1



#40
Benzene
Concen: 21.409 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 78 Resp: 180363
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

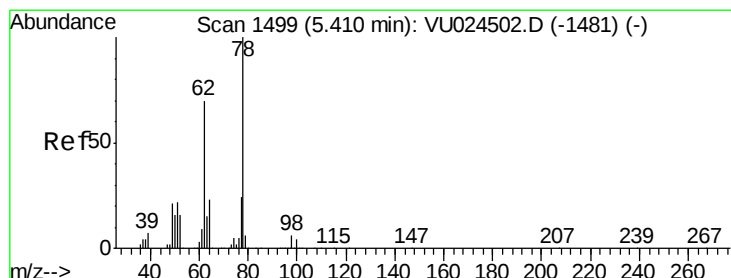
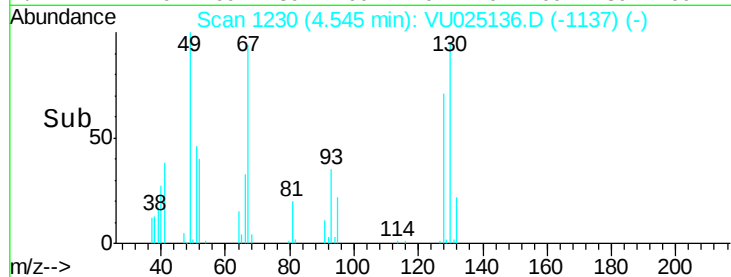
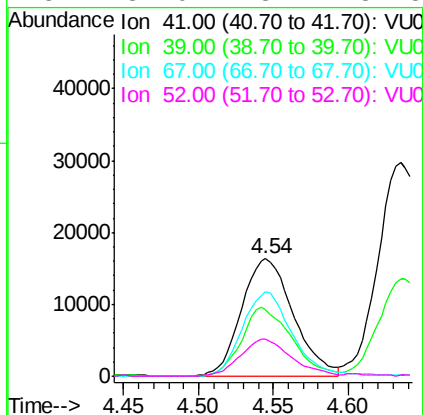
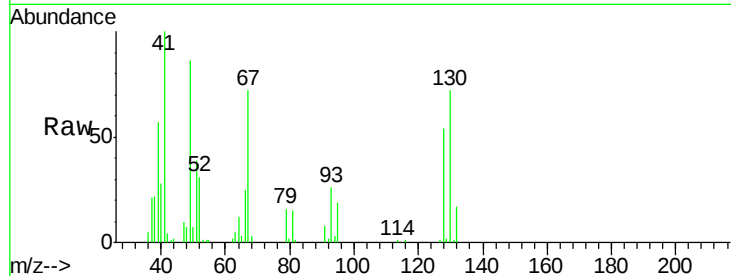




#41
Methacrylonitrile
Concen: 22.791 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

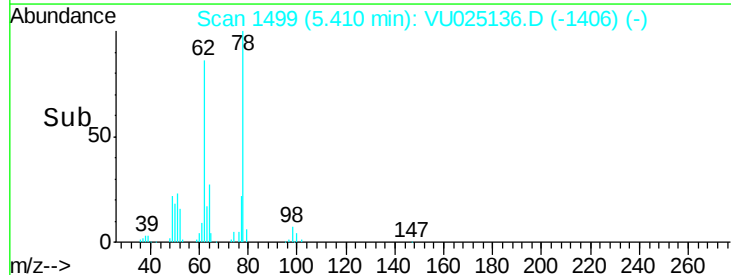
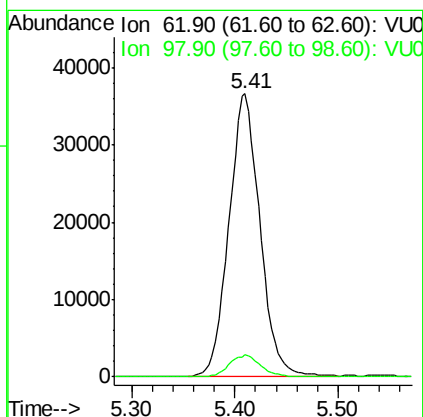
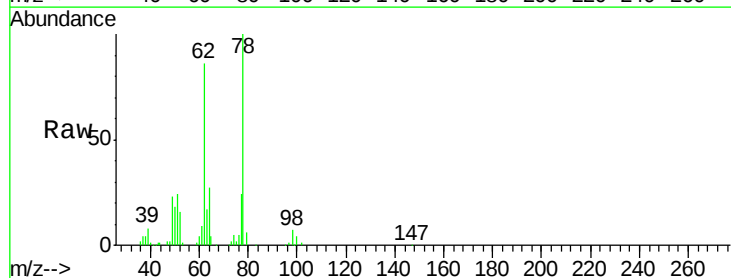
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion:	41	Resp:	39598
Ion	Ratio	Lower	Upper
41	100		
39	56.5	43.8	65.6
67	68.2	56.3	84.5
52	31.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 24.019 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion:	62	Resp:	77068
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.592 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

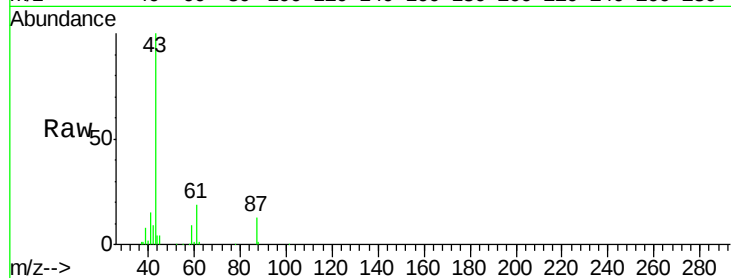
Tot Ion: 43 Resp: 114700

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

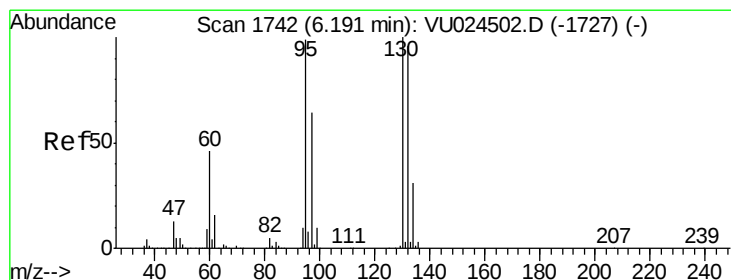
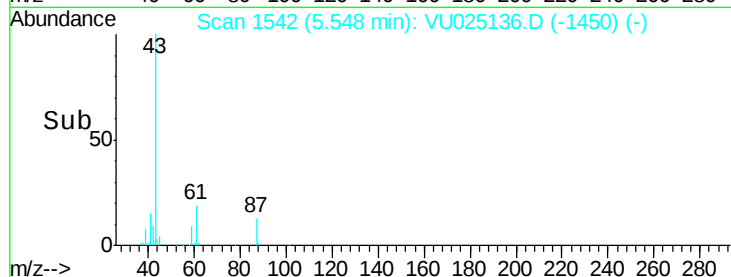
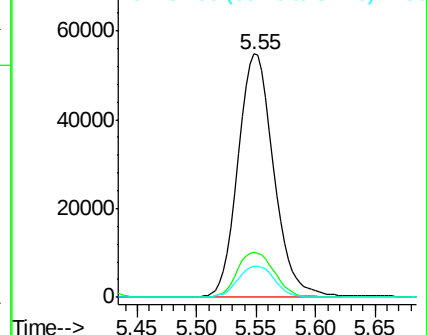
87 13.2 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)



#44

Trichloroethene

Concen: 21.114 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025136.D

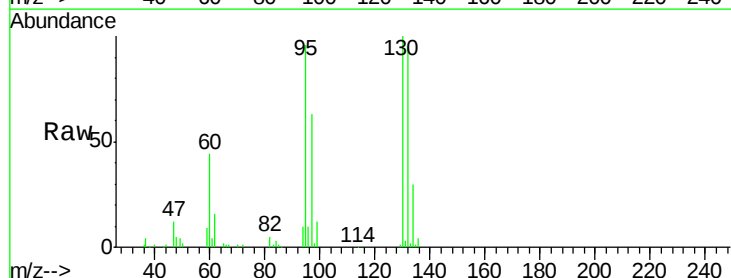
Acq: 02 Jul 2018 12:17

Tgt Ion:130 Resp: 50624

Ion Ratio Lower Upper

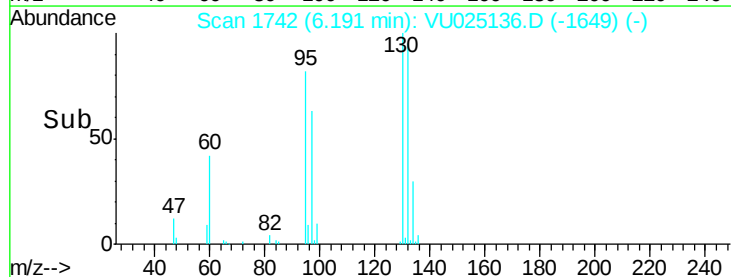
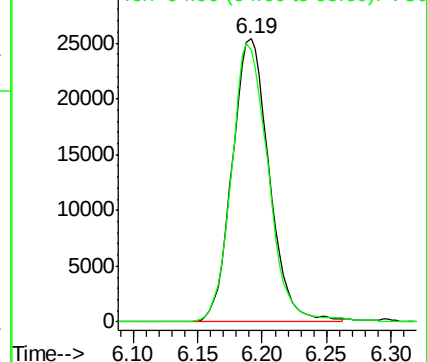
130 100

95 96.1 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)





#45

1,2-Dichloropropane

Concen: 21.166 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

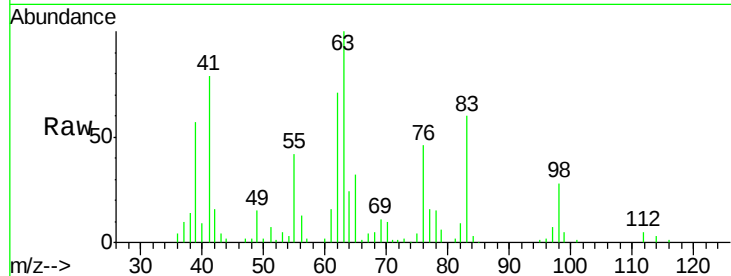
VU0702WBSD01

Tot Ion: 63 Resp: 47578

Ion Ratio Lower Upper

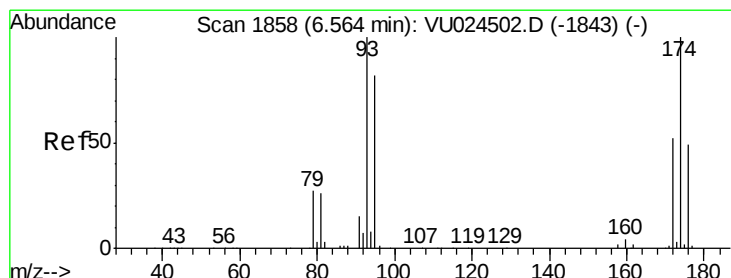
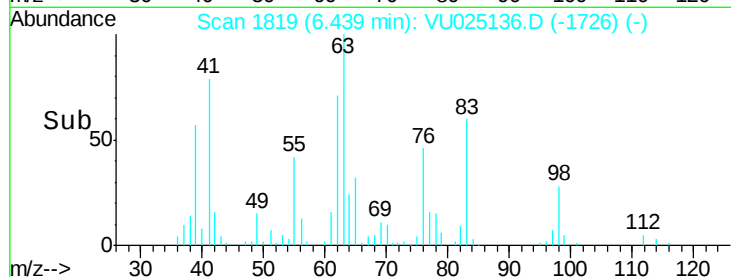
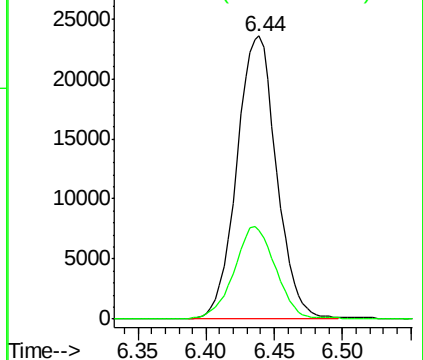
63 100

65 31.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 22.307 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

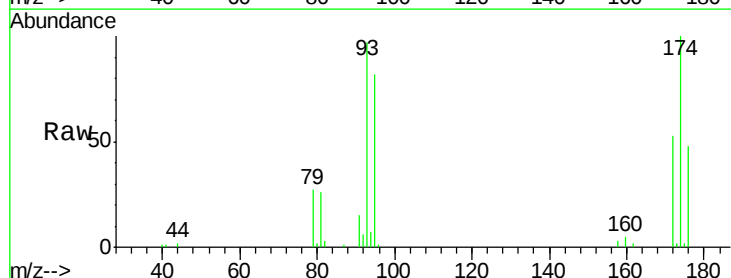
Tgt Ion: 93 Resp: 35221

Ion Ratio Lower Upper

93 100

95 84.0 65.5 98.3

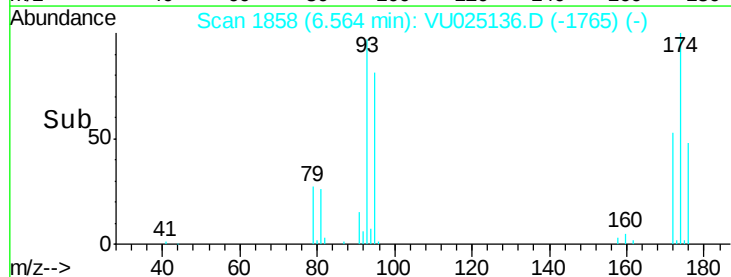
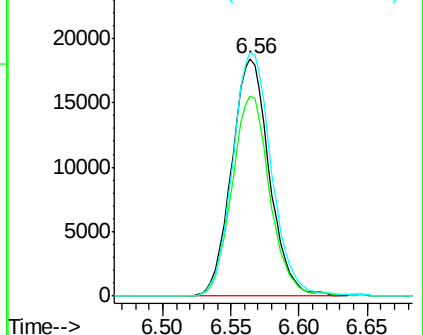
174 106.4 78.7 118.1



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.187 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

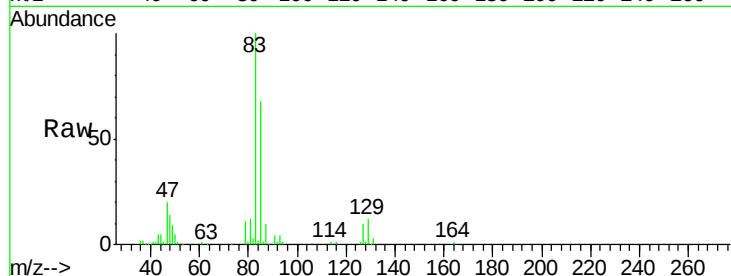
Tot Ion: 83 Resp: 66613

Ion Ratio Lower Upper

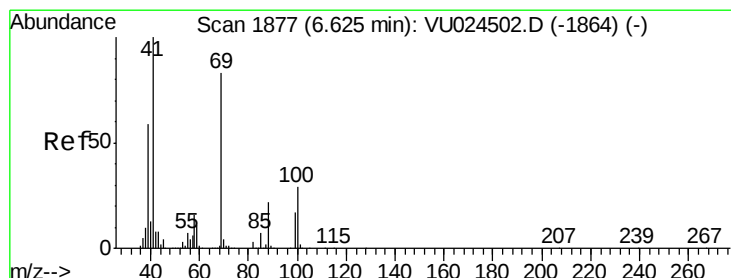
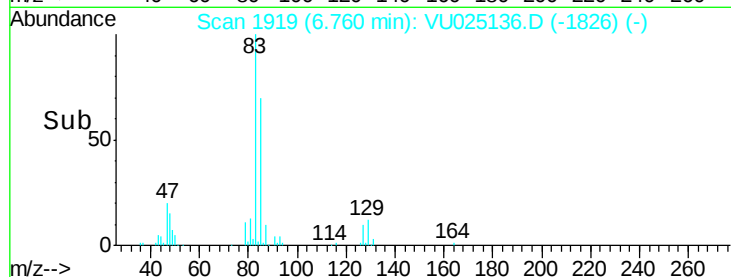
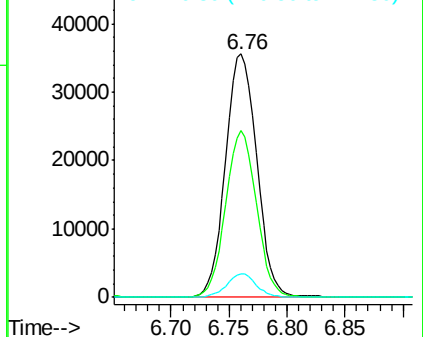
83 100

85 68.4 51.9 77.9

127 9.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.806 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

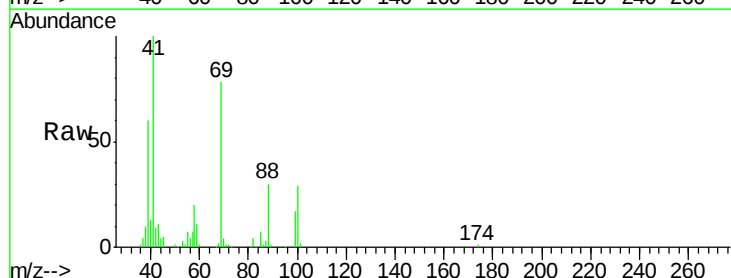
Tgt Ion: 41 Resp: 59146

Ion Ratio Lower Upper

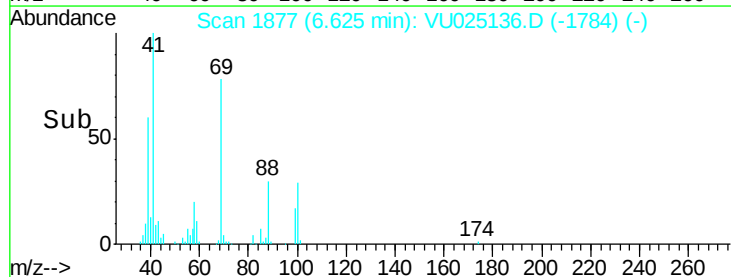
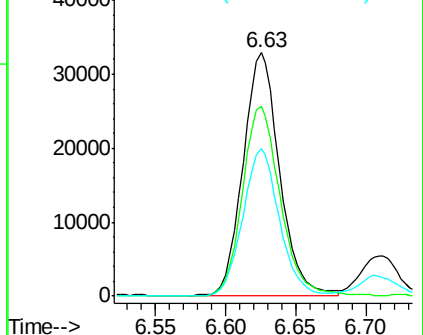
41 100

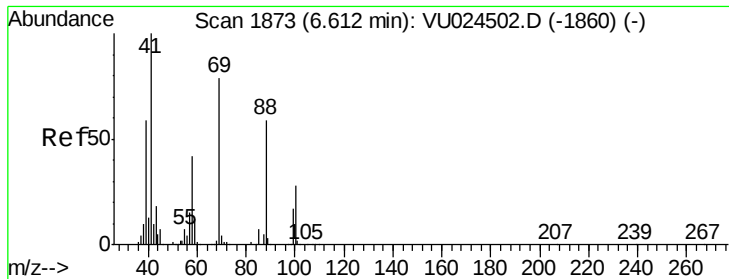
69 81.2 67.3 100.9

39 61.1 46.5 69.7



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

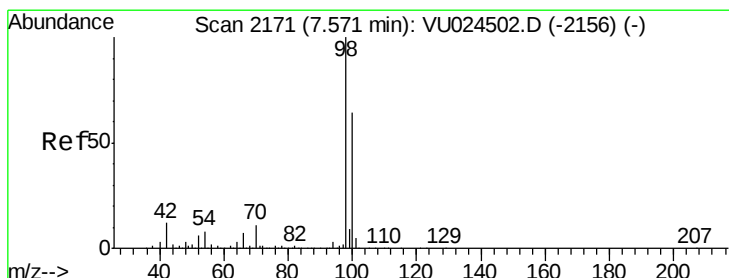
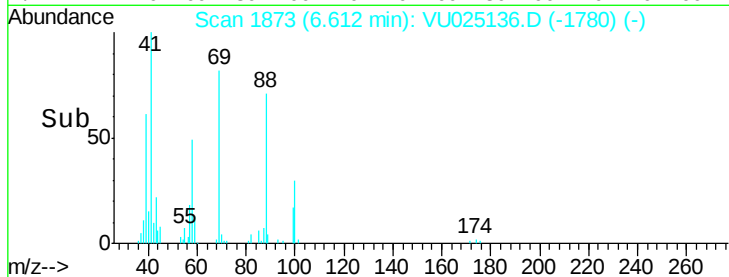
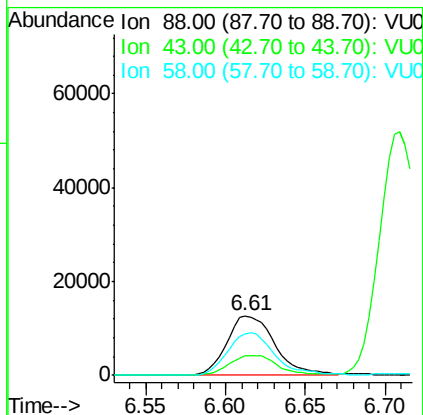
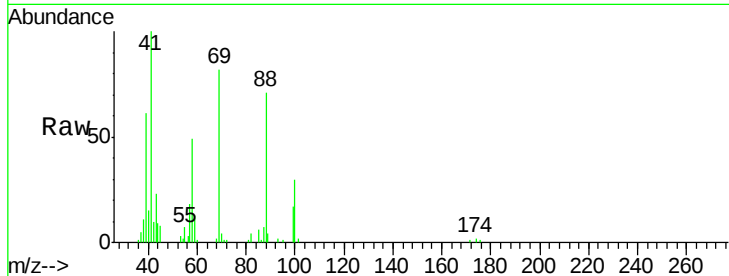




#49
 1,4-Dioxane
 Concen: 492.735 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

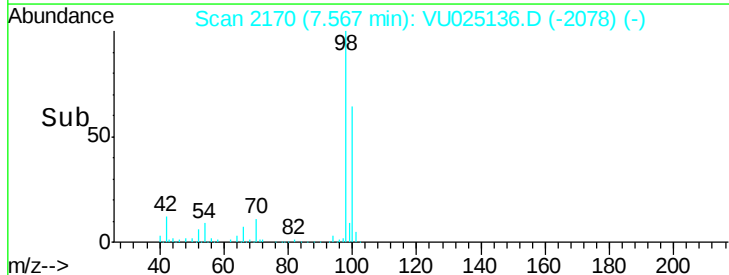
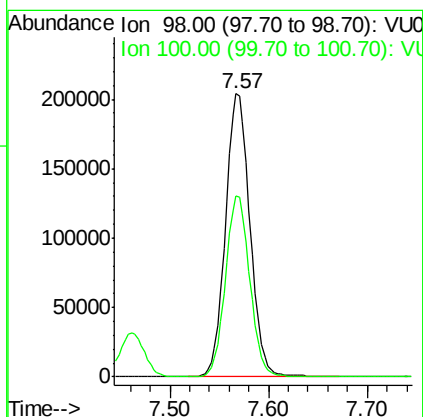
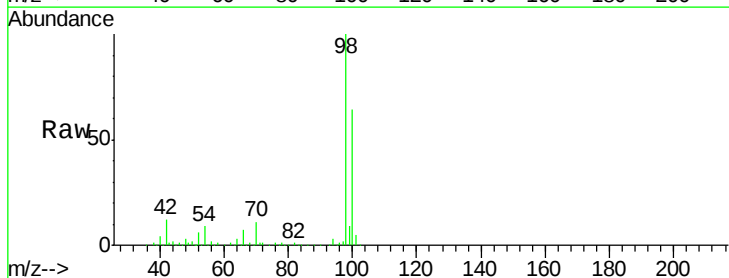
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion: 88 Resp: 26136
 Ion Ratio Lower Upper
 88 100
 43 33.9 28.6 42.8
 58 70.3 58.2 87.4



#50
 Toluene-d8
 Concen: 46.351 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 98 Resp: 353039
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.1 76.7

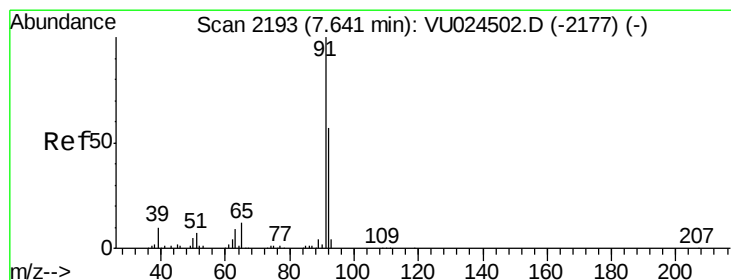
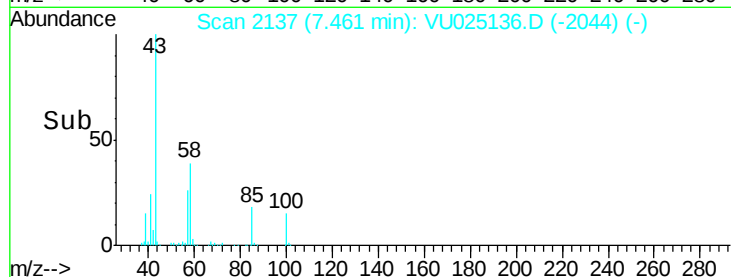
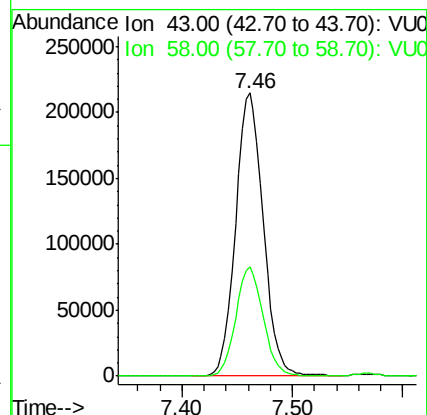
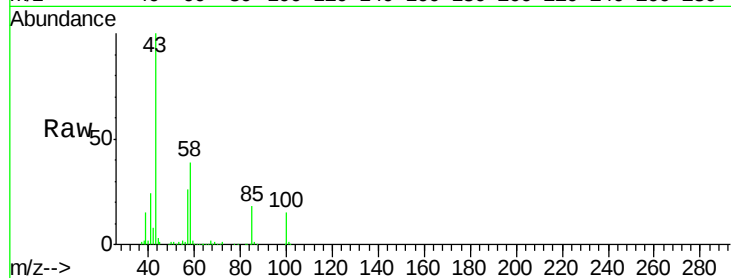




#51
 4-Methyl-2-Pentanone
 Concen: 106.653 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

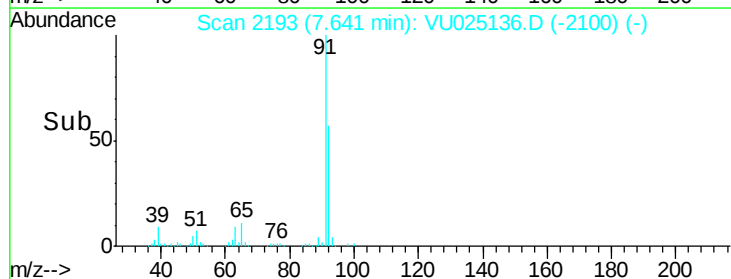
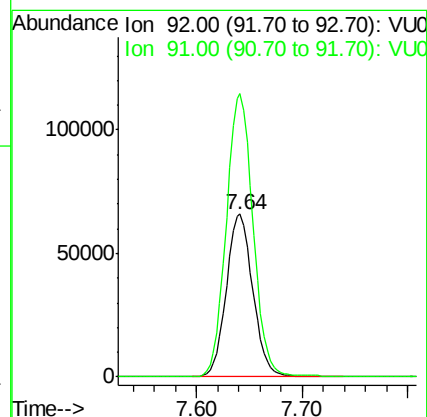
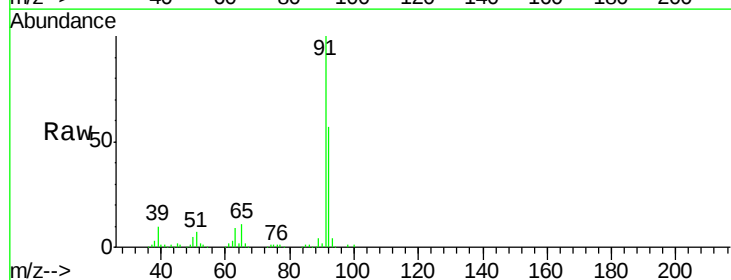
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion: 43 Resp: 373225
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.0 45.0



#52
 Toluene
 Concen: 21.225 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 92 Resp: 115043
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.5 210.7

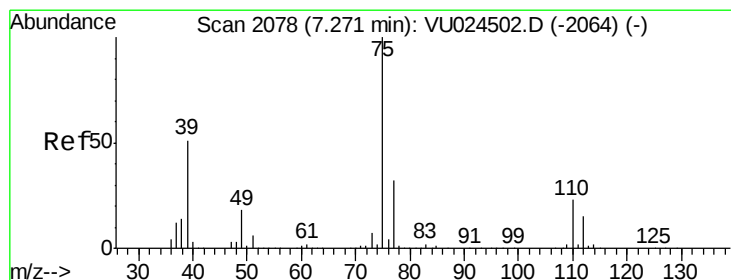
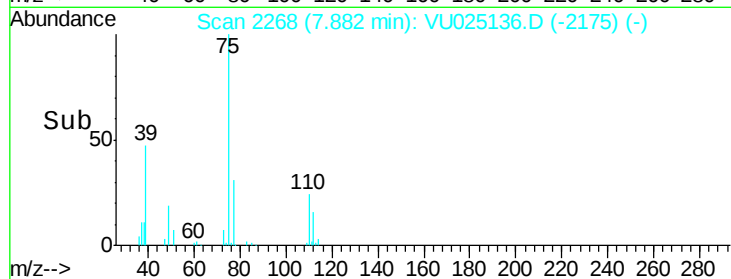
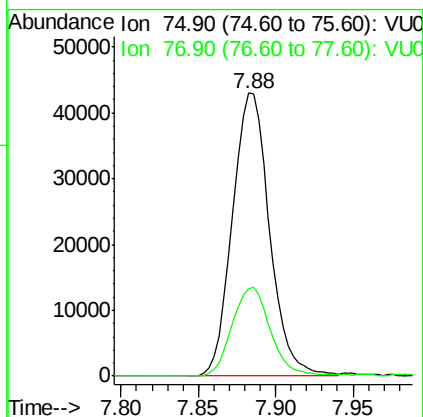
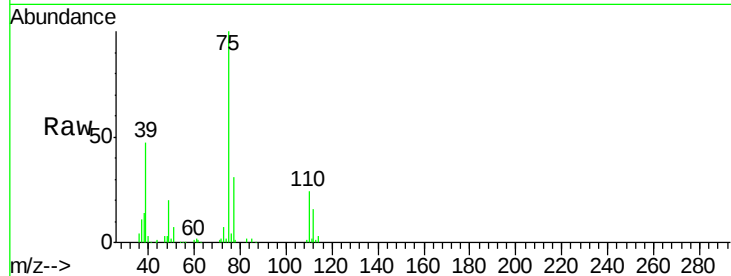




#53
 t-1,3-Dichloropropene
 Concen: 20.337 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

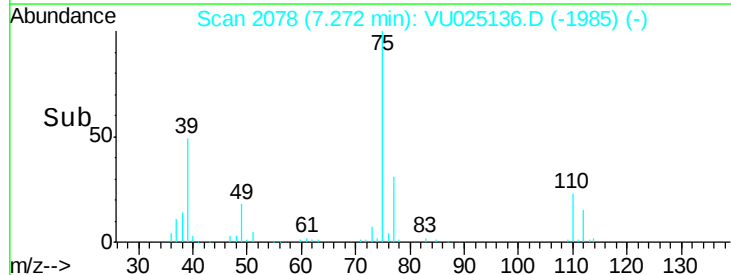
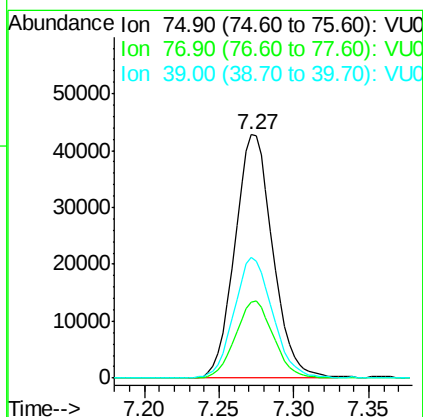
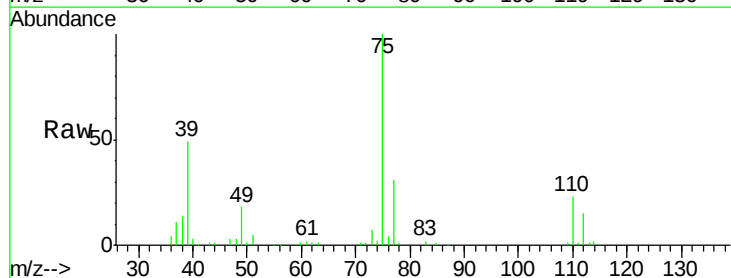
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

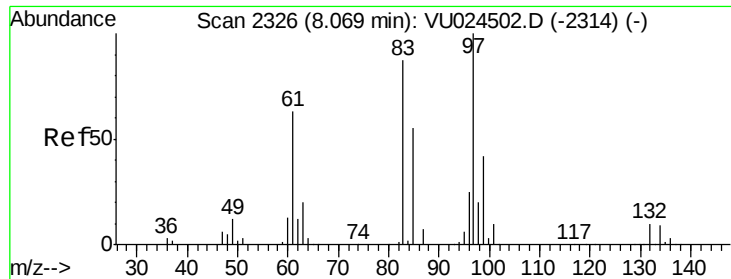
Tot Ion: 75 Resp: 71807
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.100 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion: 75 Resp: 75624
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 49.5 39.8 59.6

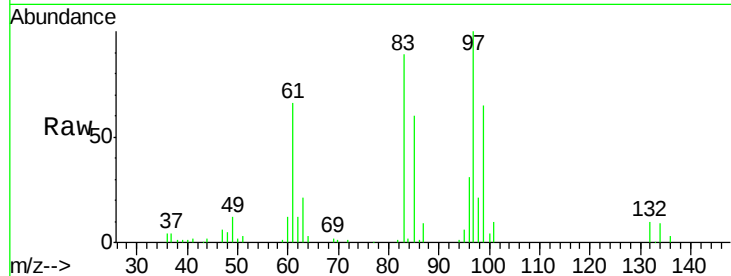




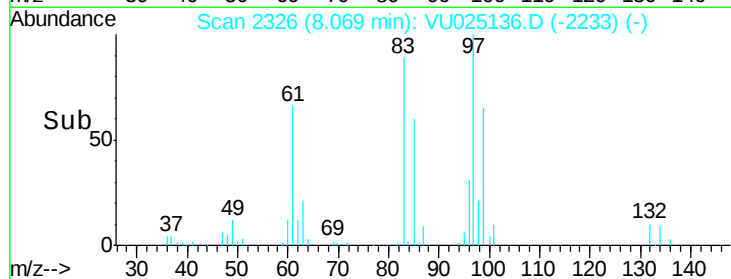
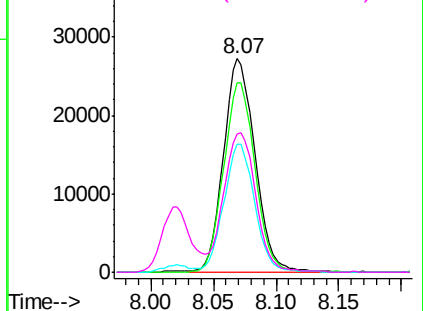
#55
 1,1,2-Trichloroethane
 Concen: 21.633 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion:	97	Resp:	47661
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.5	105.7
85	60.2	46.4	69.6
99	64.6	50.2	75.2

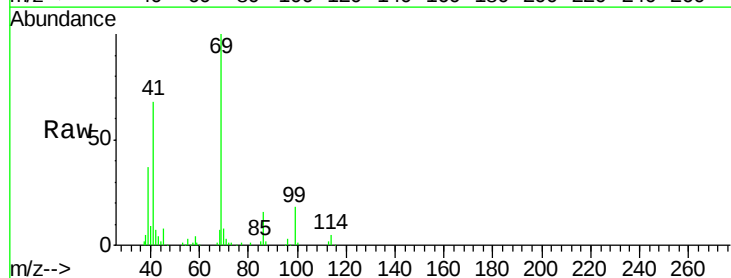


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

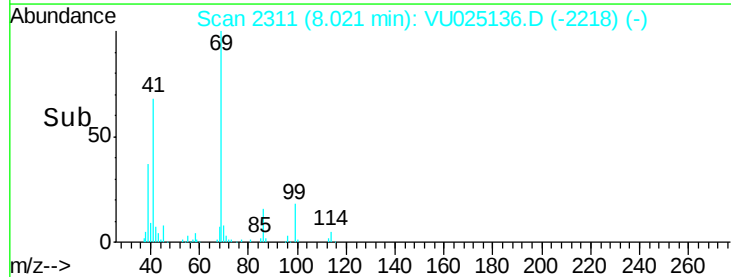
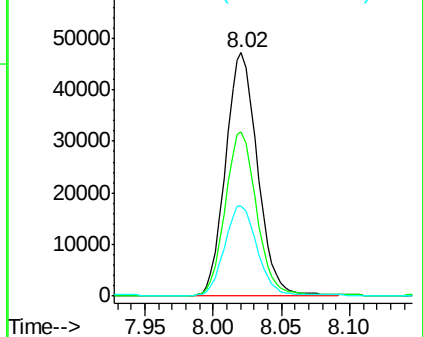


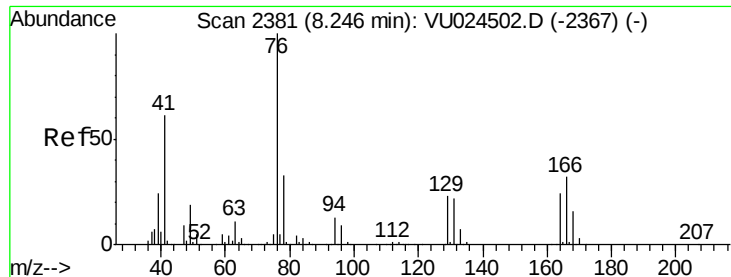
#56
 Ethyl methacrylate
 Concen: 20.888 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion:	69	Resp:	77026
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.1	81.1
39	38.0	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 21.800 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

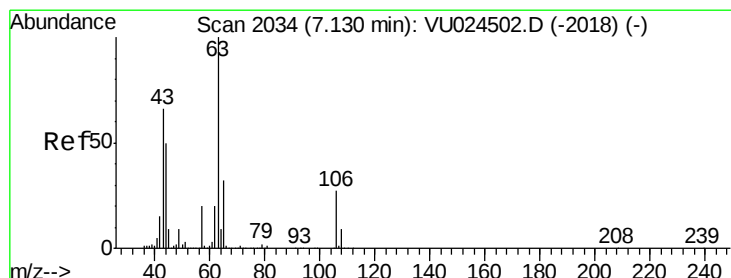
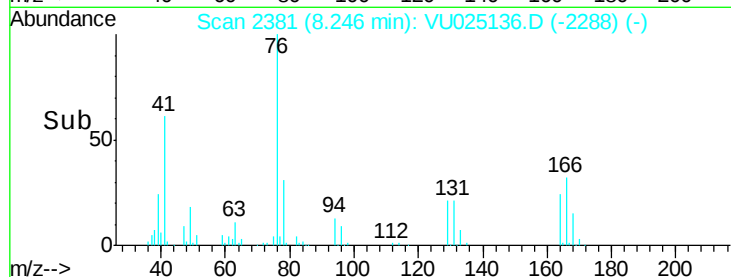
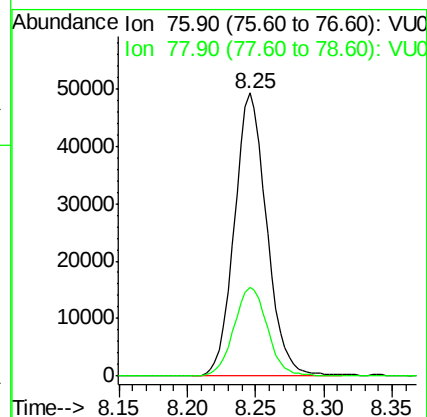
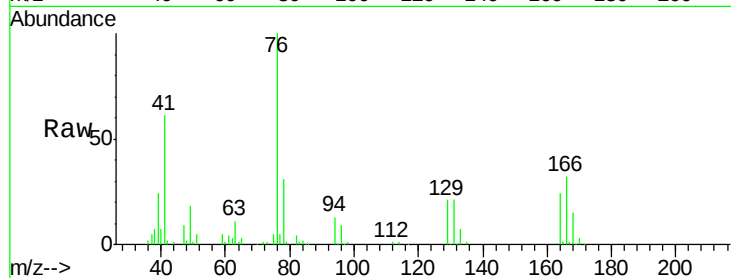
VU0702WBSD01

Tot Ion: 76 Resp: 81023

Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.022 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025136.D

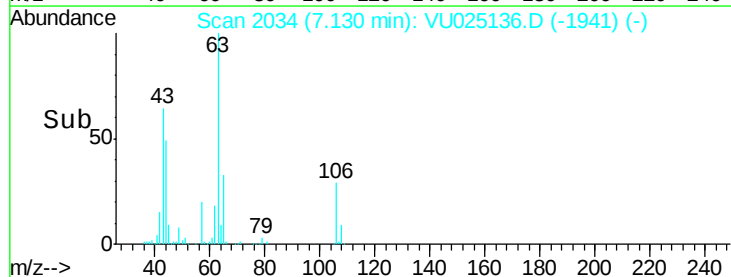
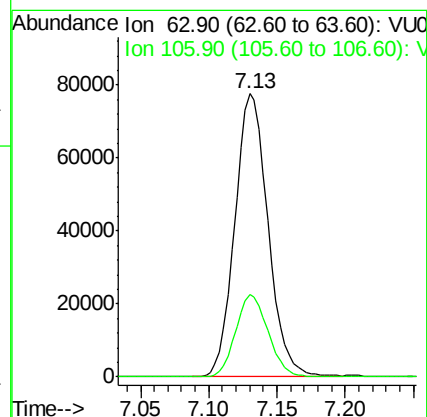
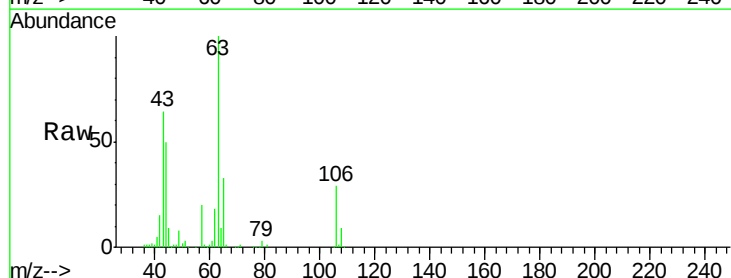
Acq: 02 Jul 2018 12:17

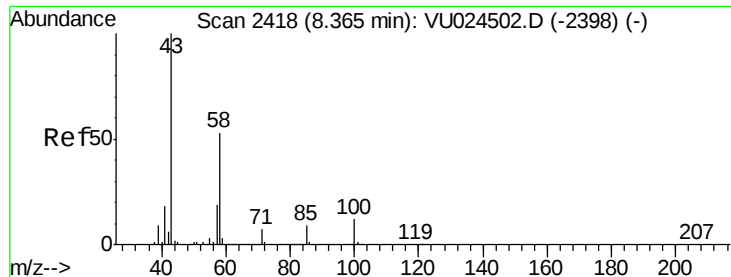
Tgt Ion: 63 Resp: 131415

Ion Ratio Lower Upper

63 100

106 28.5 20.2 30.2

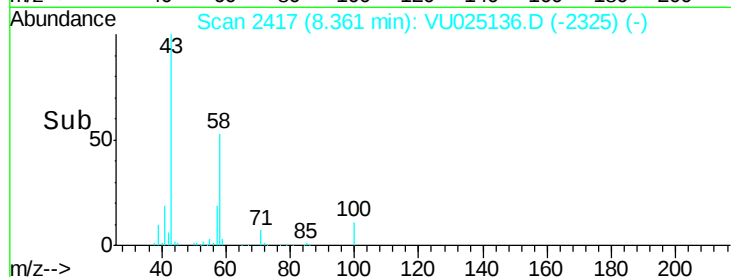
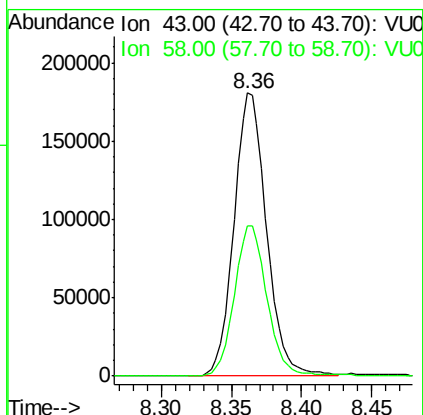
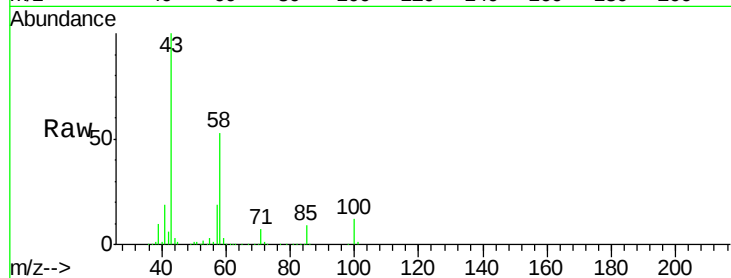




#59
2-Hexanone
Concen: 102.381 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

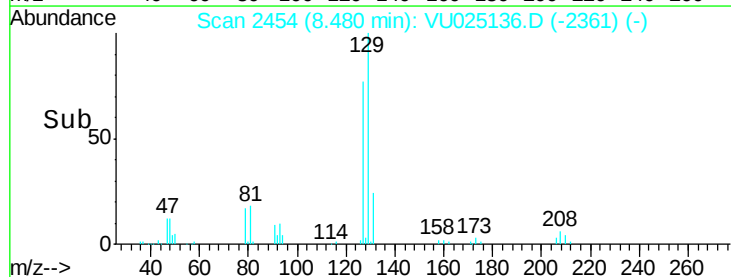
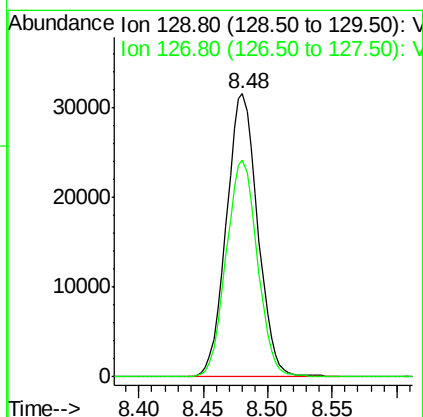
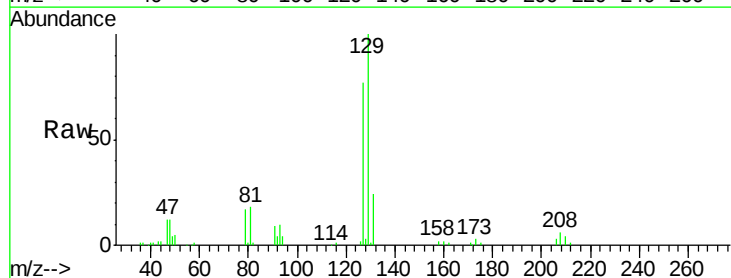
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 43 Resp: 292497
Ion Ratio Lower Upper
43 100
58 53.6 26.4 79.0



#60
Dibromochloromethane
Concen: 19.385 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion:129 Resp: 53258
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.454 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

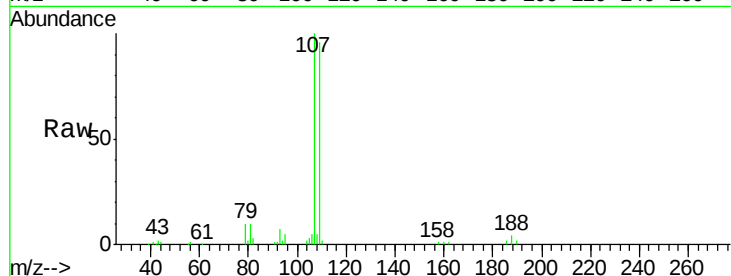
VU0702WBSD01

Tot Ion:107 Resp: 52611

Ion Ratio Lower Upper

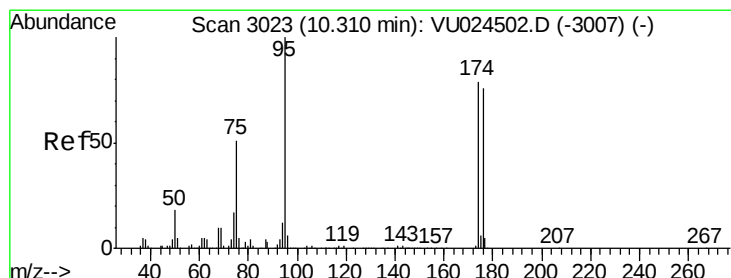
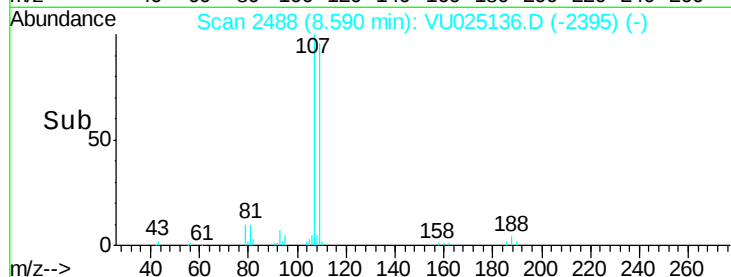
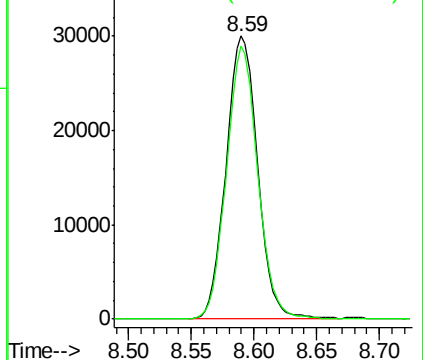
107 100

109 95.0 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.119 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

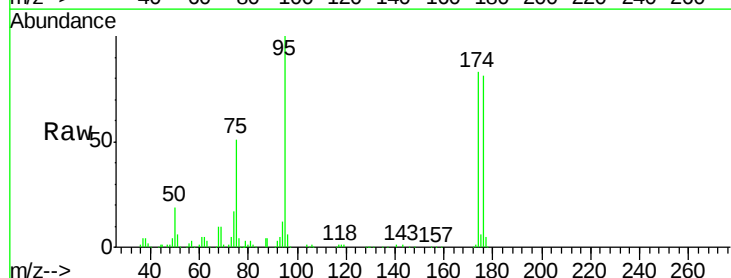
Tgt Ion: 95 Resp: 151565

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

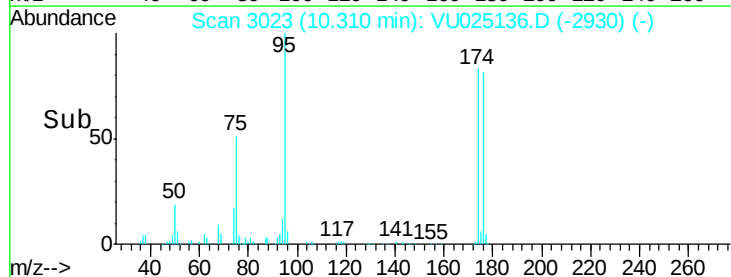
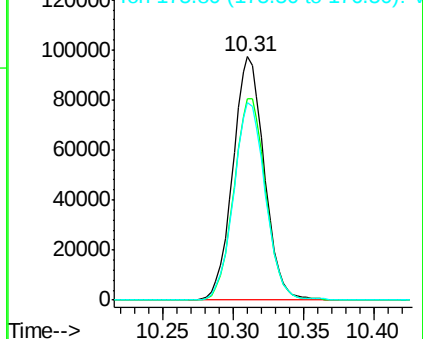
176 82.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

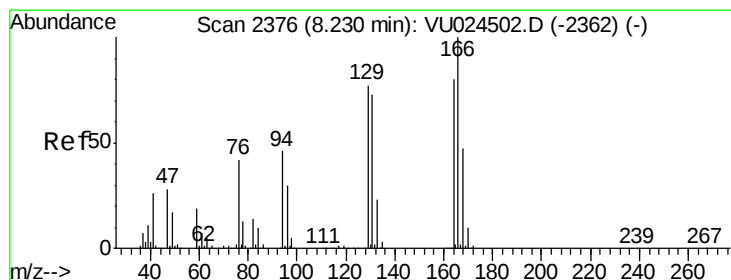
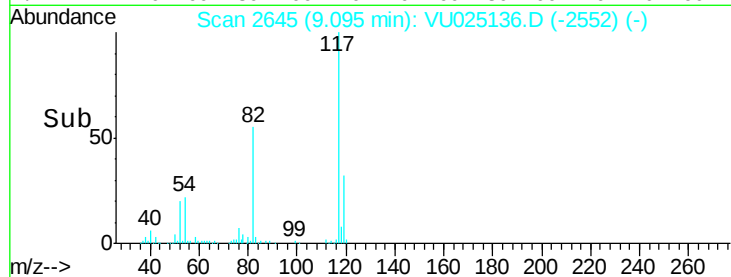
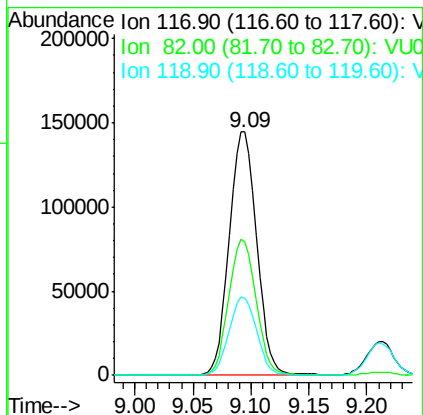
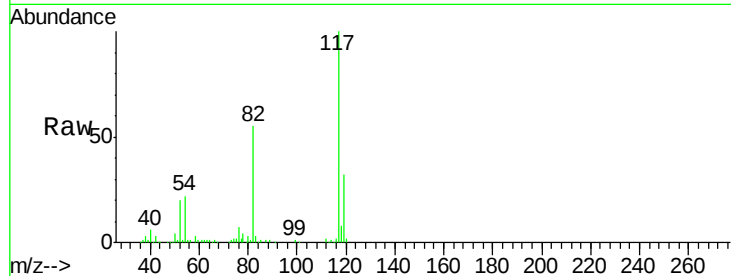




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

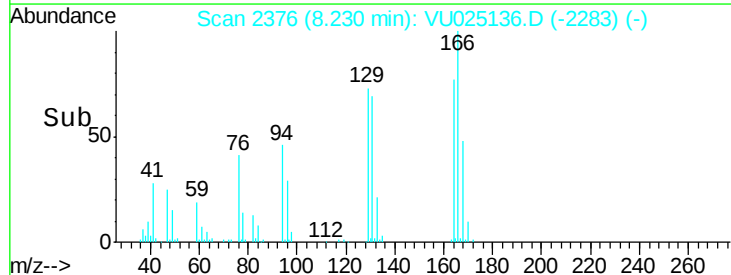
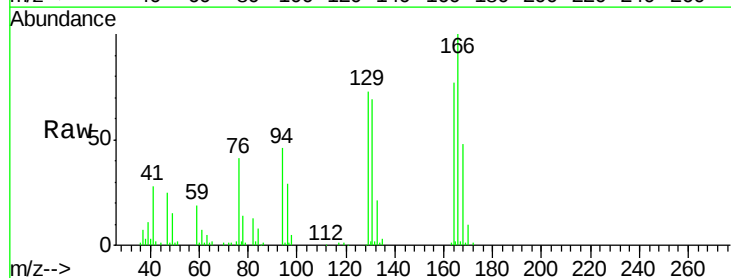
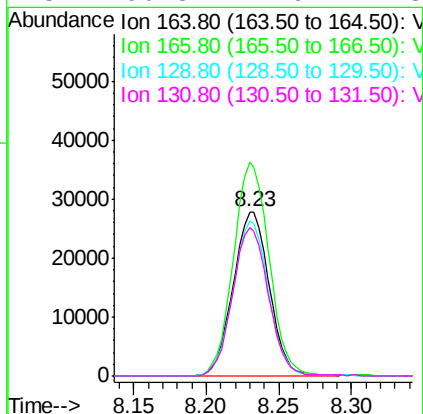
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.3	66.5
119	31.9	25.4	38.2



#64
Tetrachloroethene
Concen: 21.306 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	101.7	152.5
129	94.6	76.9	115.3
131	90.3	74.9	112.3

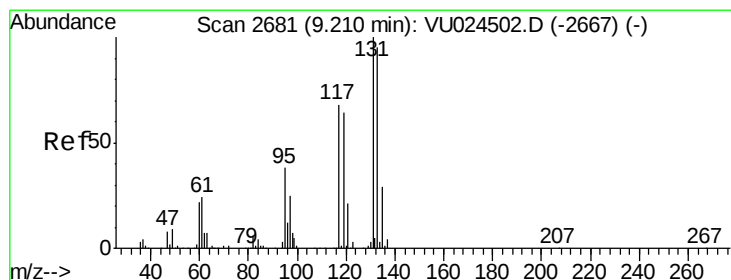
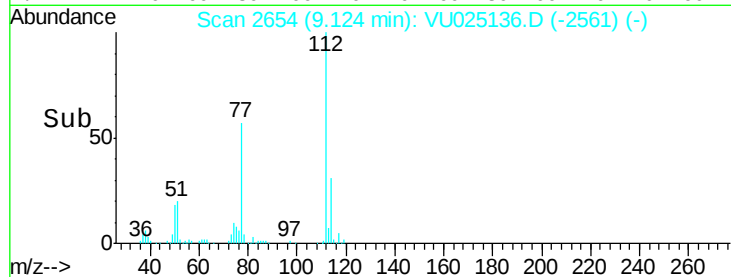
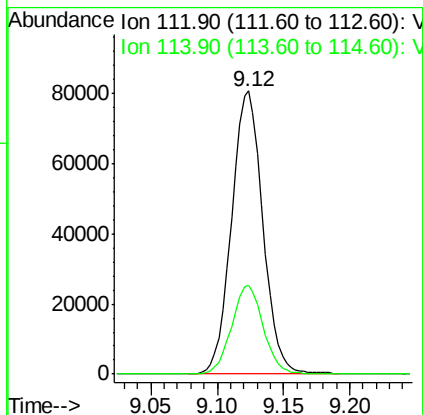
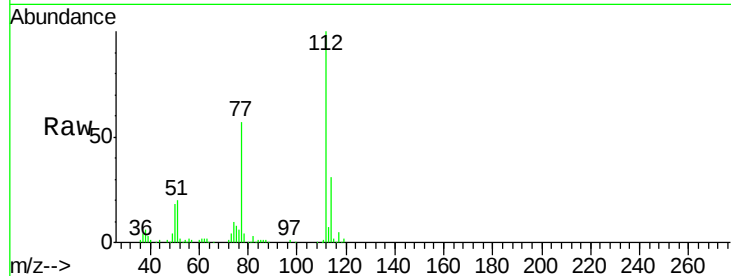




#65
Chlorobenzene
Concen: 21.832 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

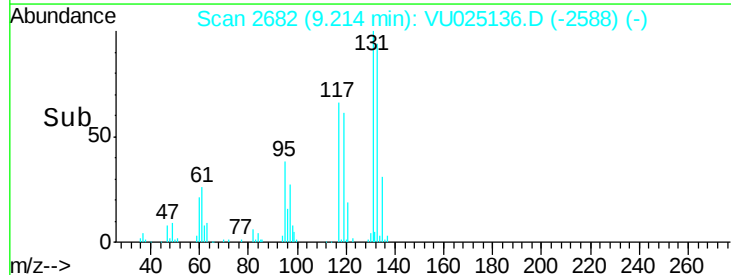
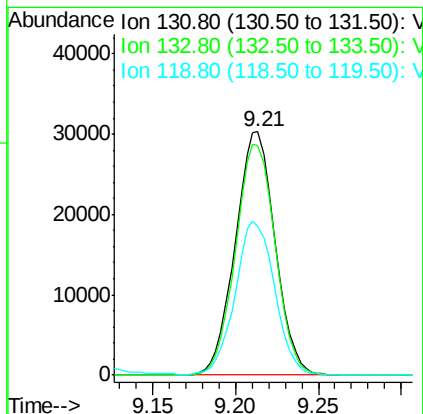
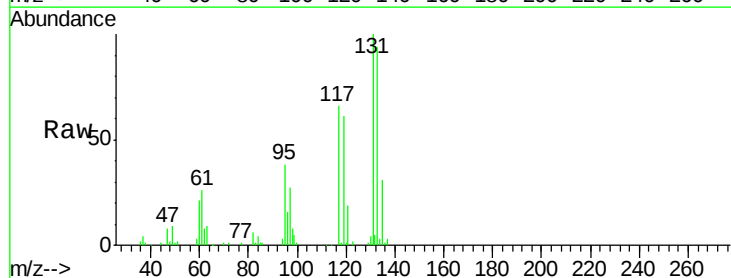
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

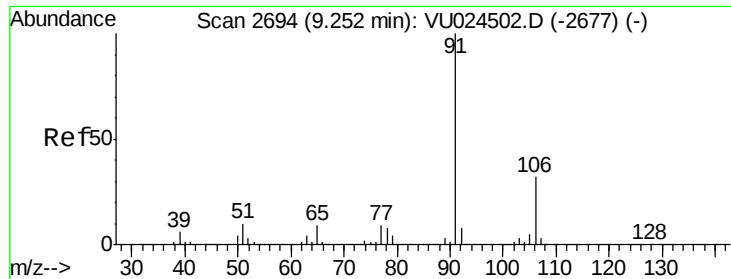
Tot Ion:112 Resp: 132105
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.982 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion:131 Resp: 50535
Ion Ratio Lower Upper
131 100
133 94.5 46.9 140.8
119 62.8 33.5 100.4

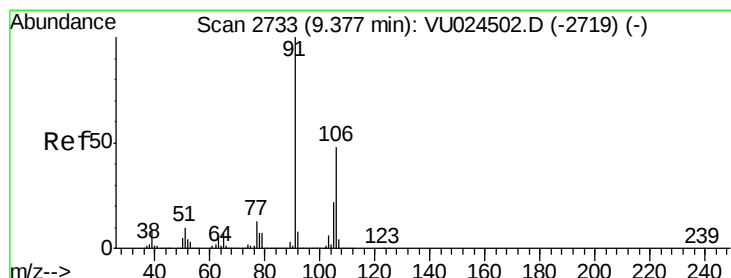
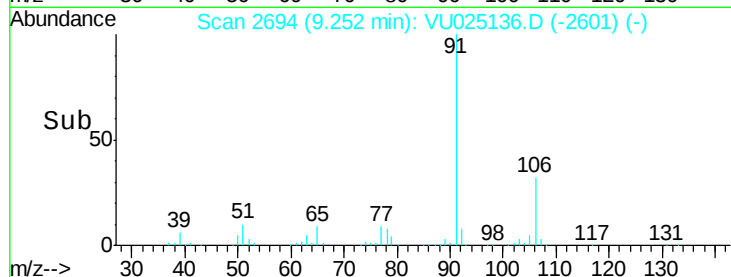
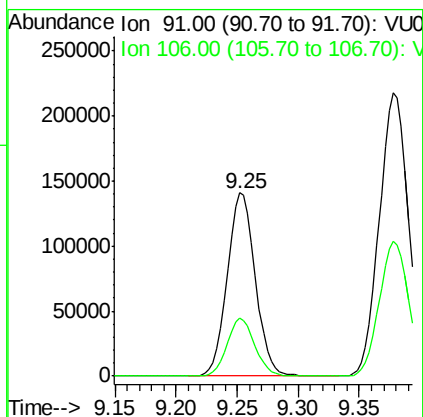
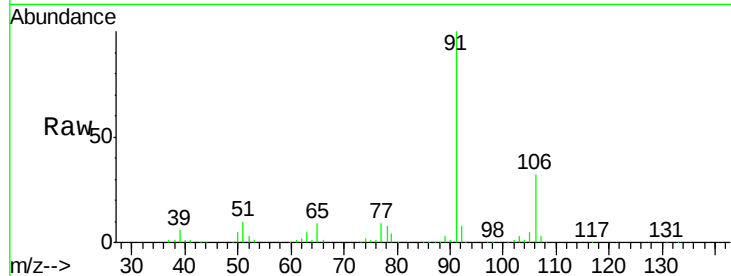




#67
Ethyl Benzene
Concen: 21.378 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

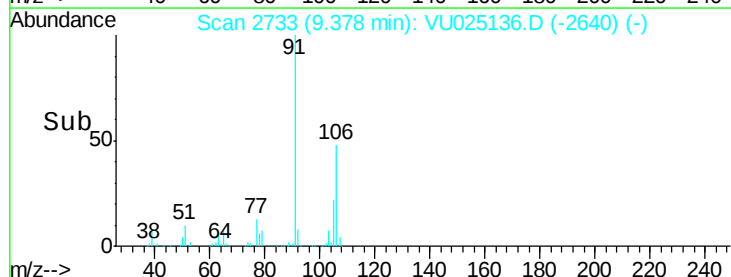
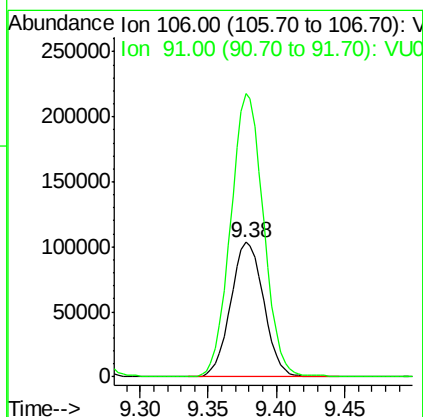
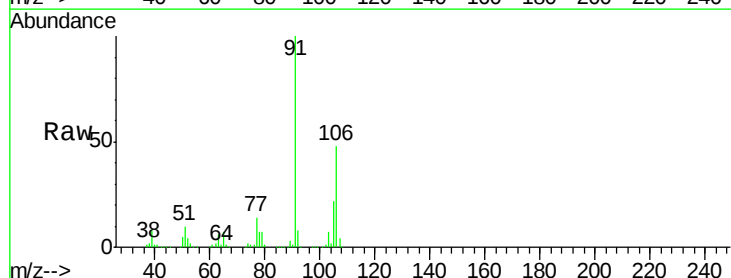
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 91 Resp: 226783
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4



#68
m/p-Xylenes
Concen: 42.817 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 106 Resp: 174415
Ion Ratio Lower Upper
106 100
91 209.0 166.5 249.7

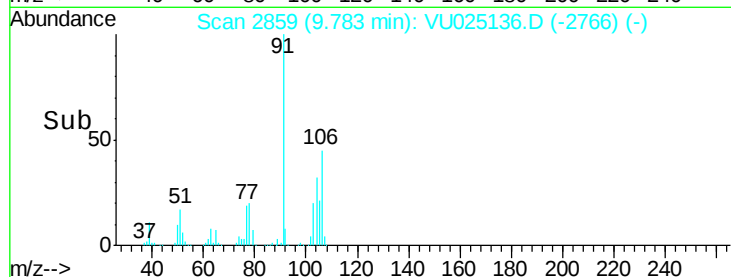
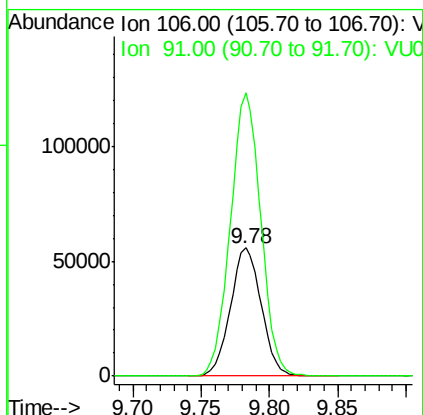
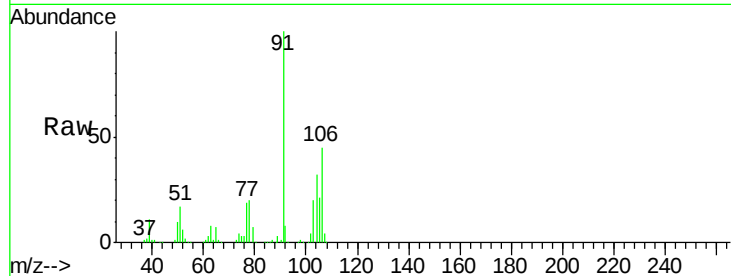




#69
o-Xylene
Concen: 21.712 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

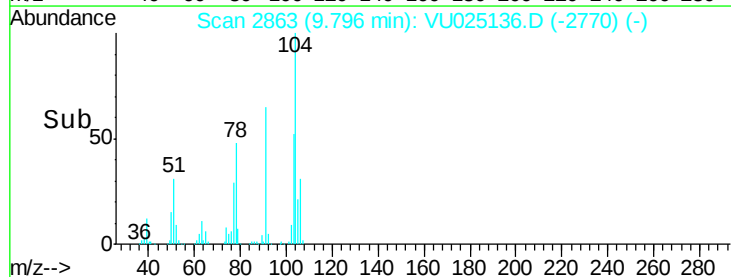
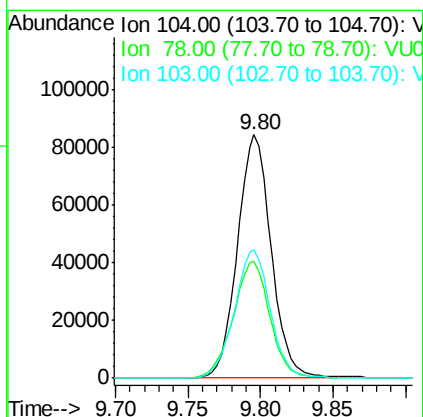
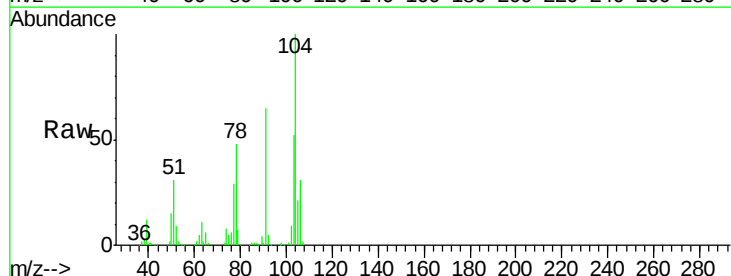
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion:106 Resp: 87529
Ion Ratio Lower Upper
106 100
91 218.2 110.7 331.9



#70
Styrene
Concen: 20.620 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion:104 Resp: 136603
Ion Ratio Lower Upper
104 100
78 52.0 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 18.960 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

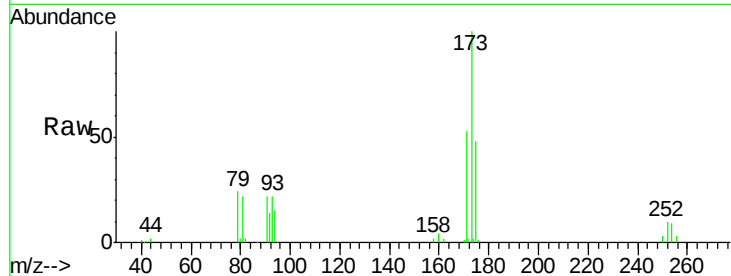
Tot Ion:173 Resp: 41429

Ion Ratio Lower Upper

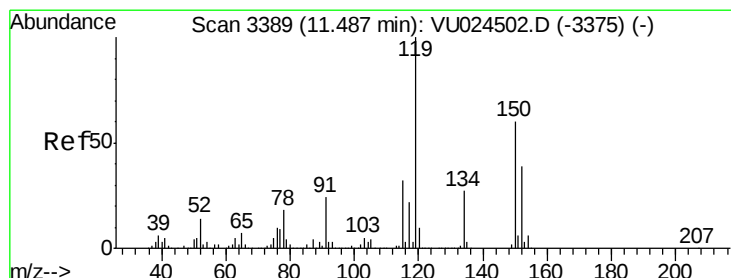
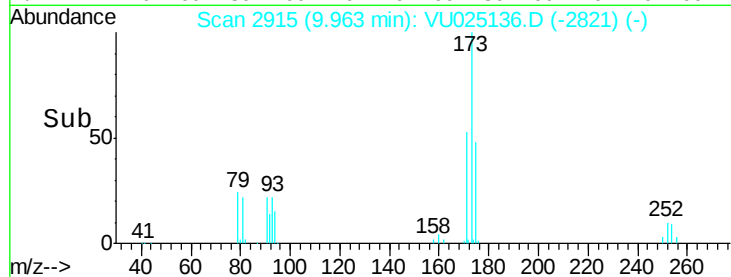
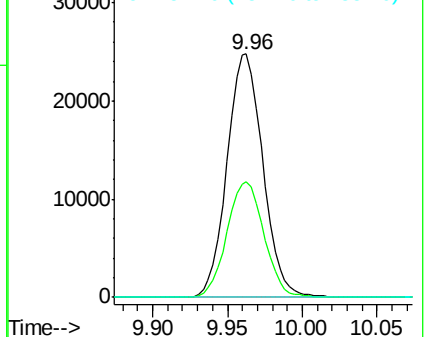
173 100

175 49.0 24.6 74.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

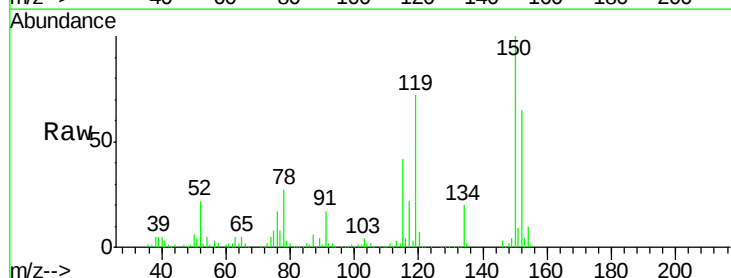
Tgt Ion:152 Resp: 139920

Ion Ratio Lower Upper

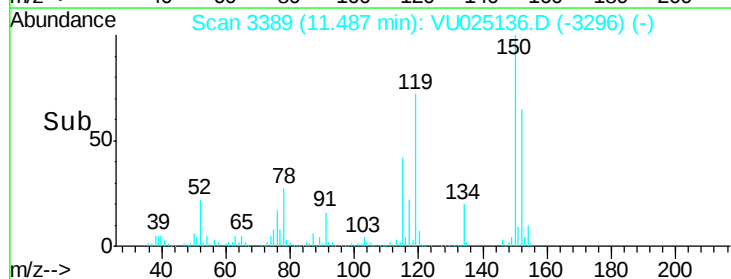
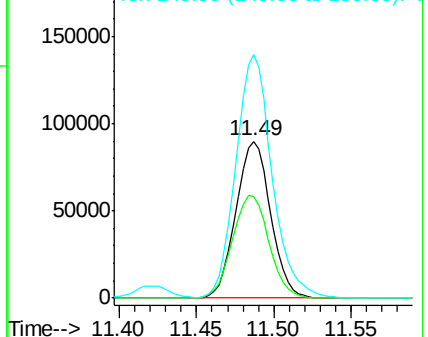
152 100

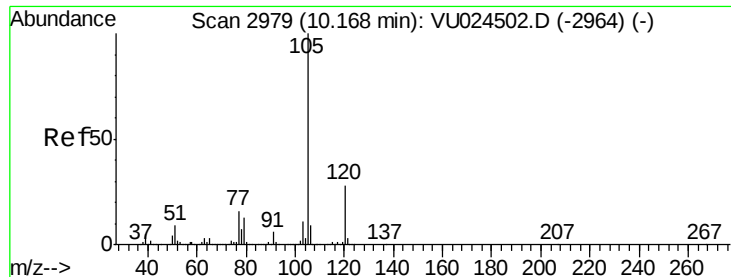
115 68.8 43.0 129.0

150 162.7 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.828 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

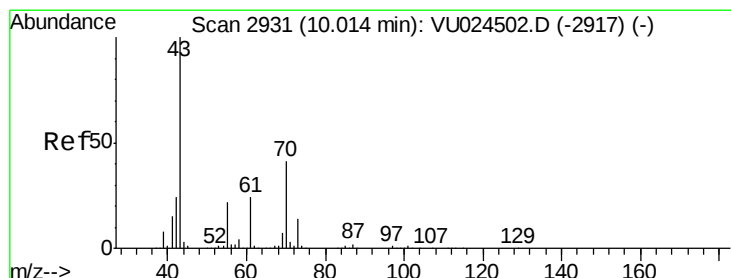
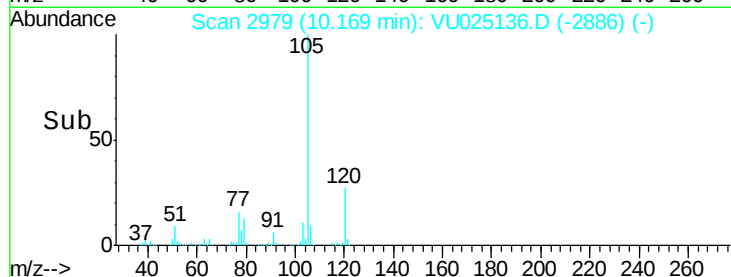
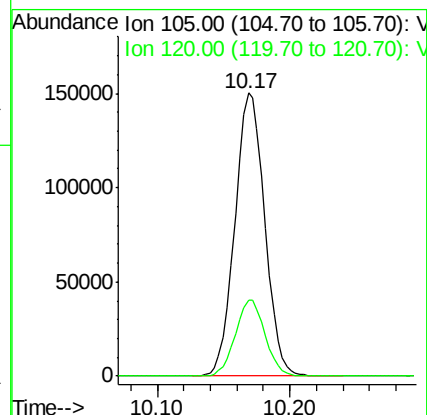
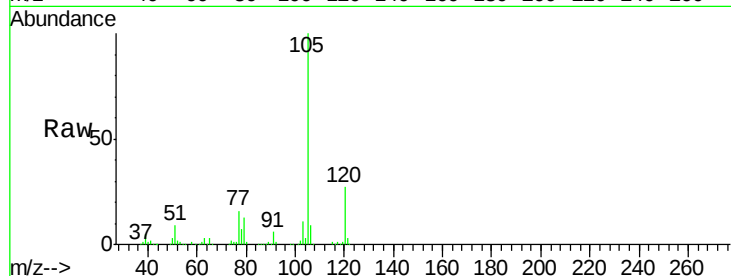
VU0702WBSD01

Tot Ion:105 Resp: 234490

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 19.058 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Tgt Ion: 43 Resp: 97381

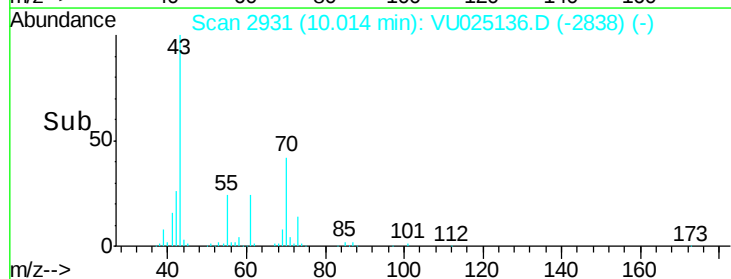
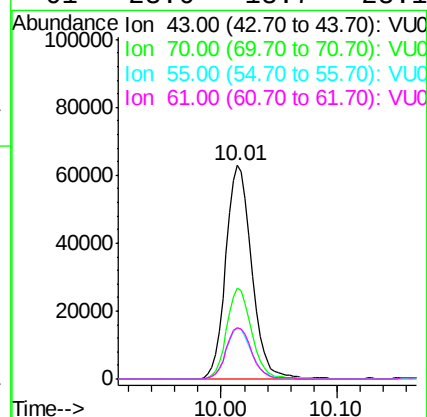
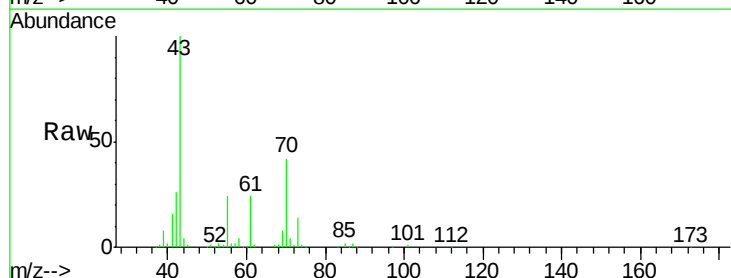
Ion Ratio Lower Upper

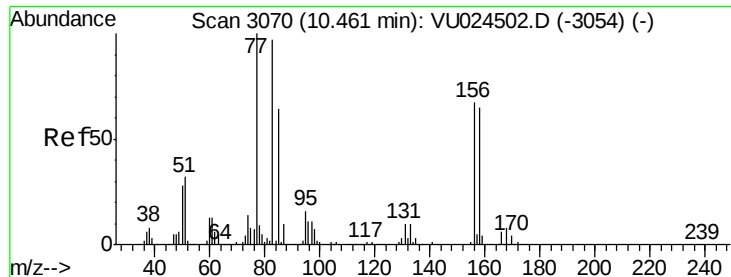
43 100

70 40.7 32.2 48.4

55 23.2 20.5 30.7

61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.839 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

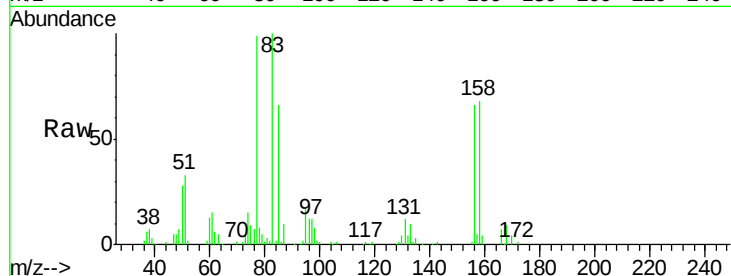
Tot Ion: 83 Resp: 78617

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

85 65.7 32.5 97.5

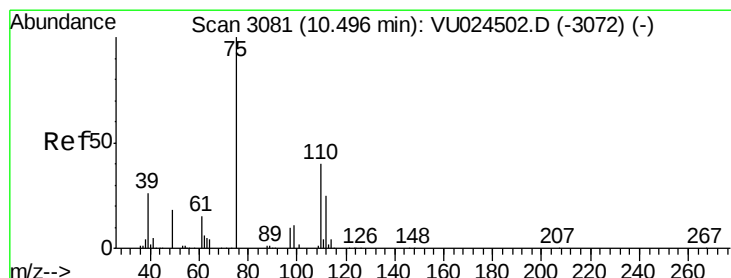
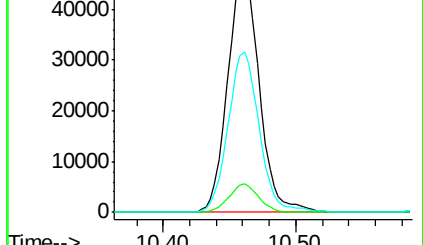
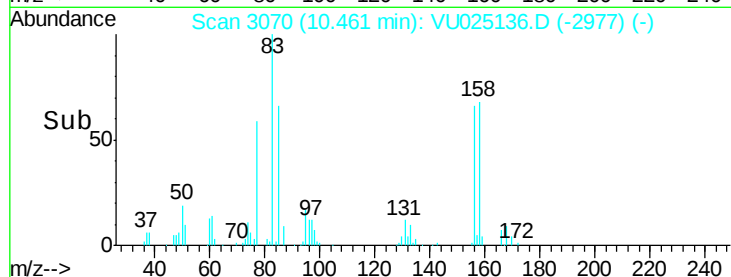


Abundance Ion 82.90 (82.60 to 83.60): VU025136.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025136.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025136.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.165 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025136.D

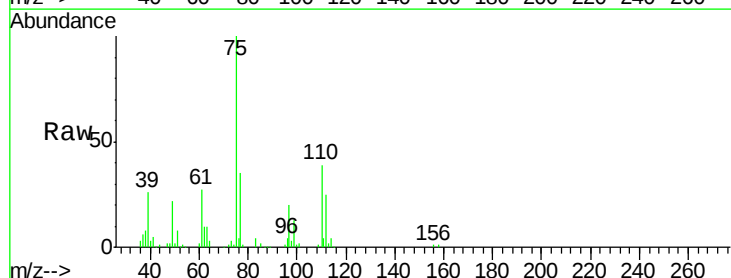
Acq: 02 Jul 2018 12:17

Tgt Ion: 75 Resp: 89843

Ion Ratio Lower Upper

75 100

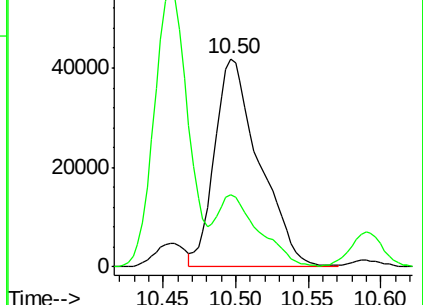
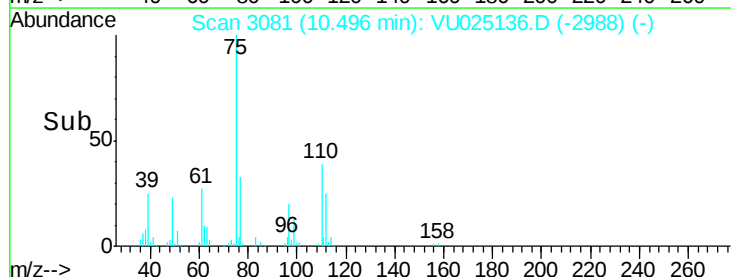
77 31.4 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025136.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025136.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 21.434 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

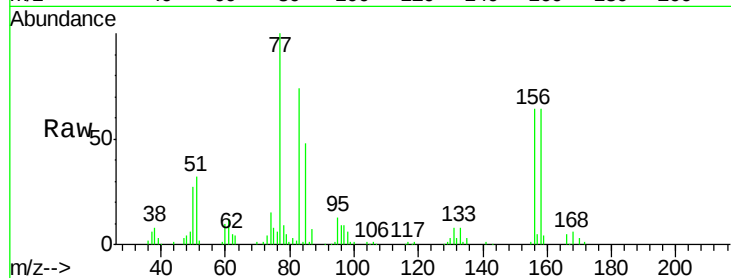
Tot Ion:156 Resp: 58291

Ion Ratio Lower Upper

156 100

77 155.8 80.5 241.3

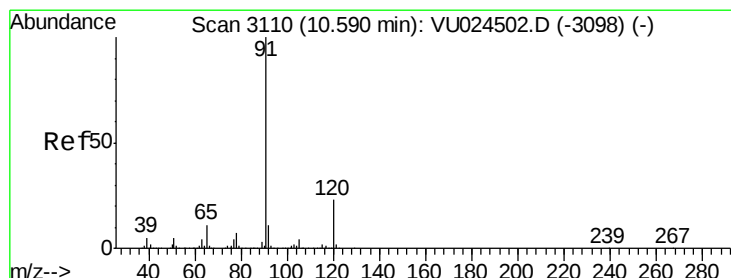
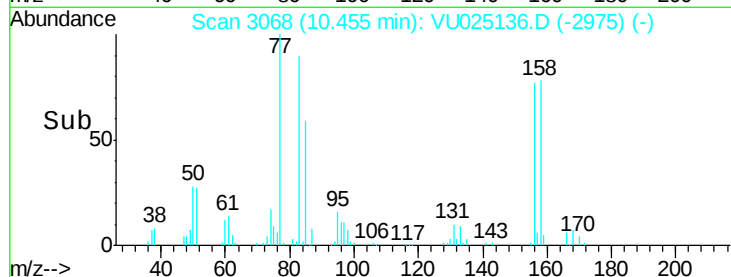
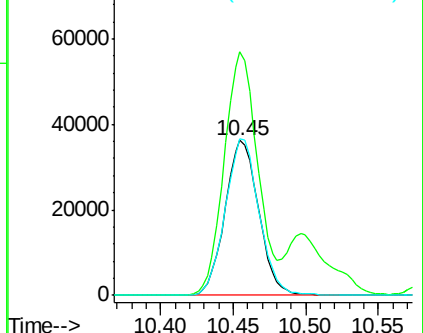
158 101.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.786 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025136.D

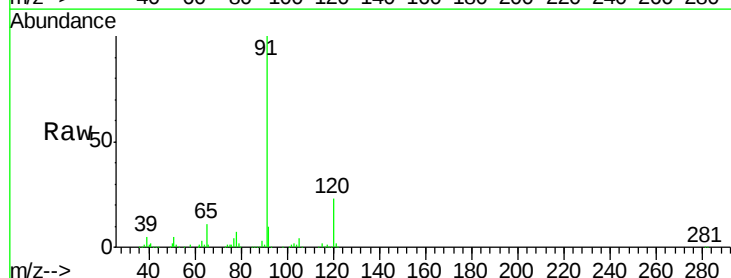
Acq: 02 Jul 2018 12:17

Tgt Ion: 91 Resp: 263043

Ion Ratio Lower Upper

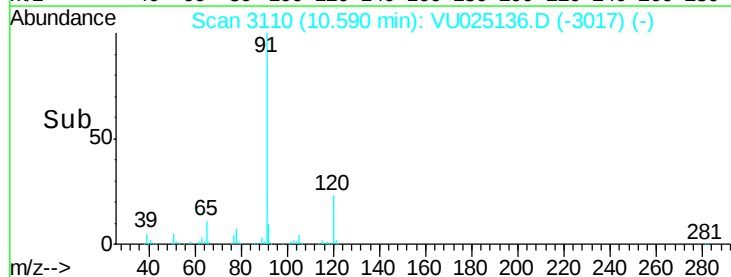
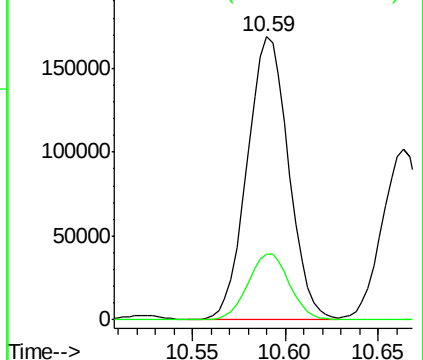
91 100

120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.436 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

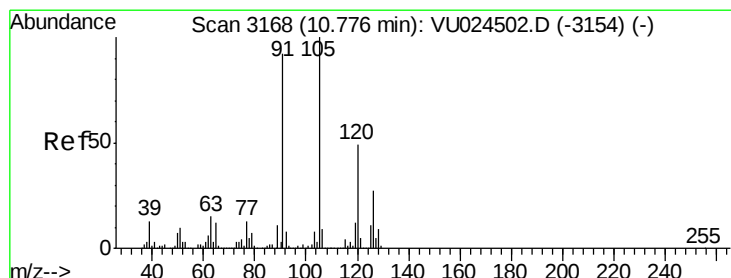
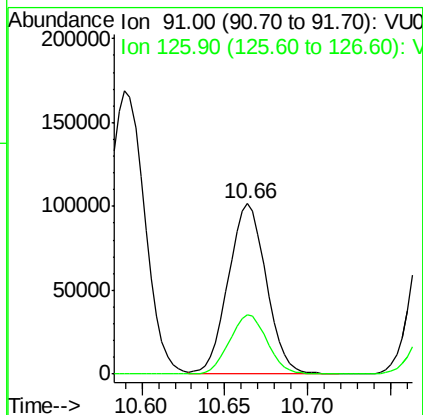
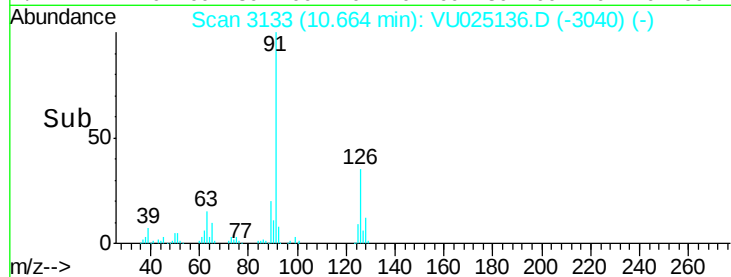
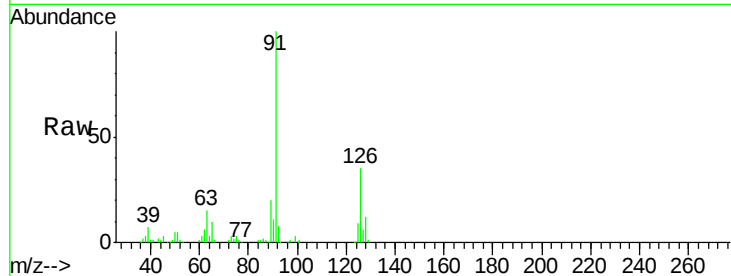
VU0702WBSD01

Tot Ion: 91 Resp: 159971

Ion Ratio Lower Upper

91 100

126 35.1 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.750 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025136.D

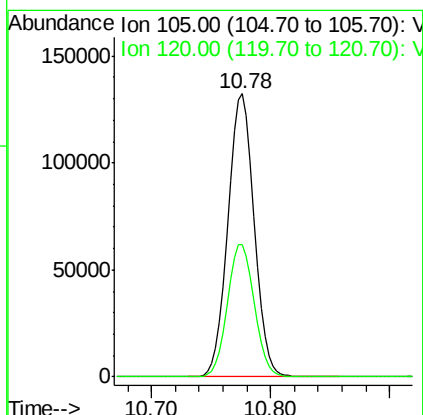
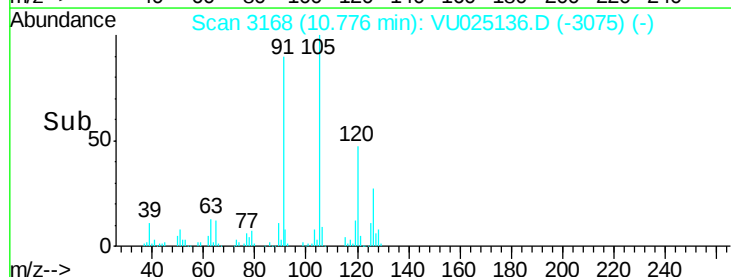
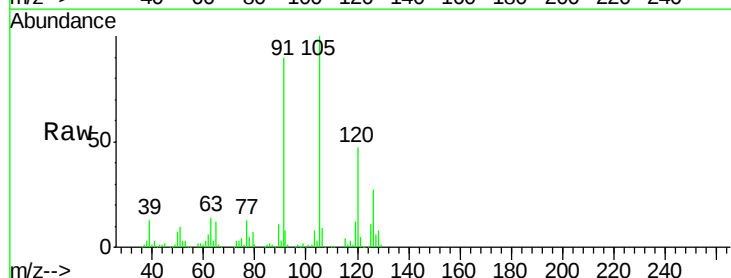
Acq: 02 Jul 2018 12:17

Tgt Ion: 105 Resp: 202510

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2

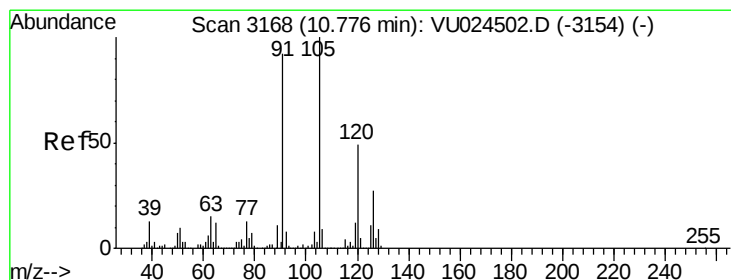
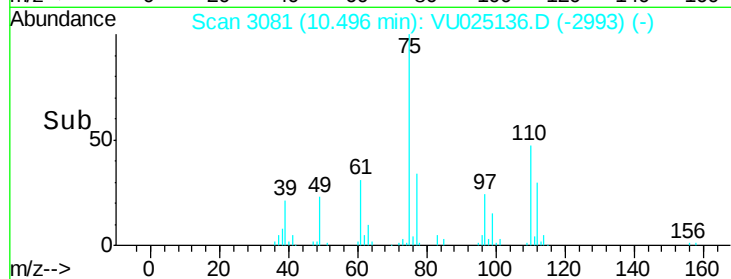
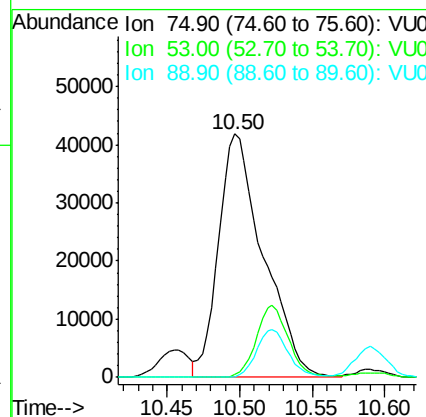
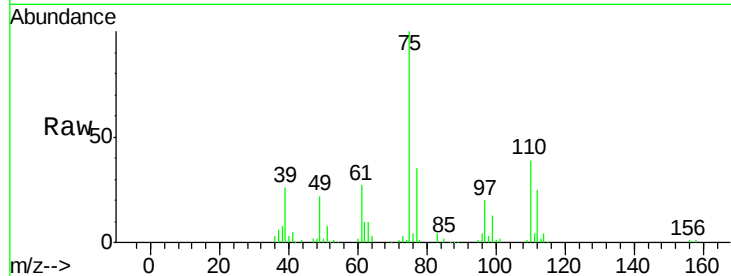




#81
trans-1,4-Dichloro-2-butene
Concen: 67.499 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

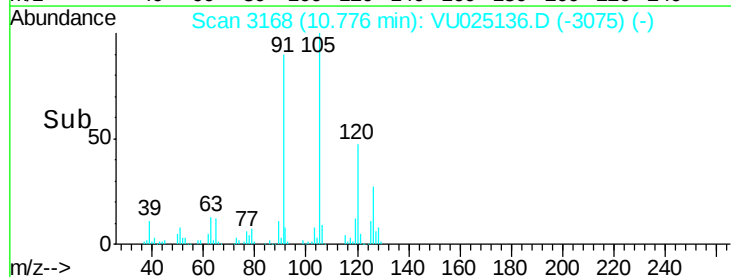
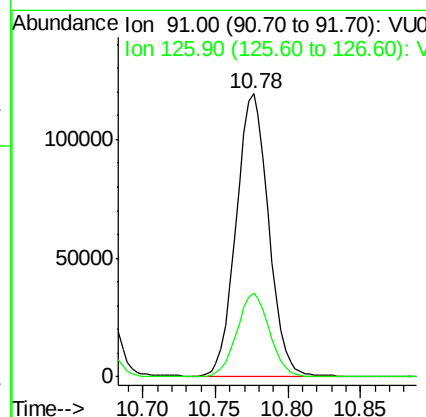
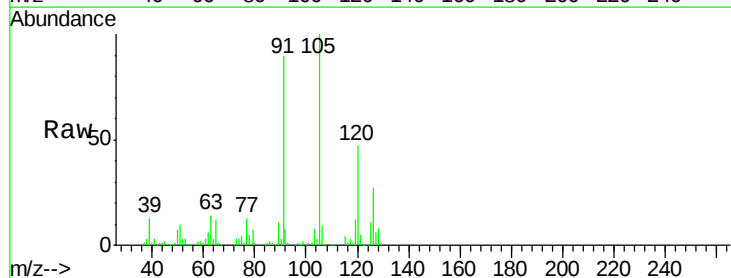
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBSD01

Tot Ion: 75 Resp: 89843
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.203 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025136.D
Acq: 02 Jul 2018 12:17

Tgt Ion: 91 Resp: 184161
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.9

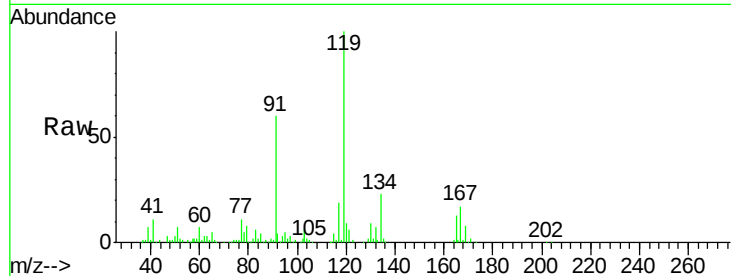




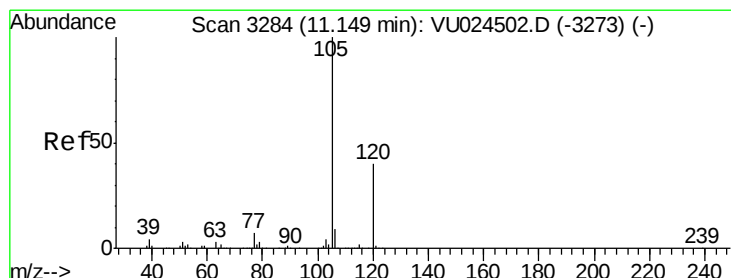
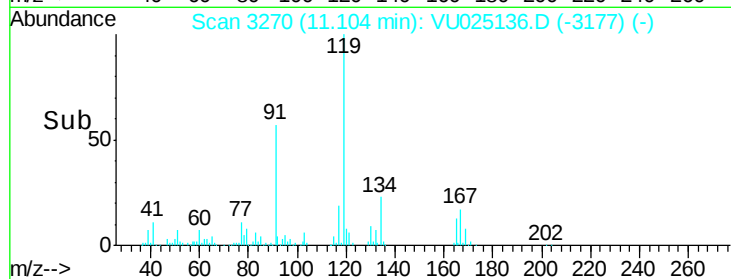
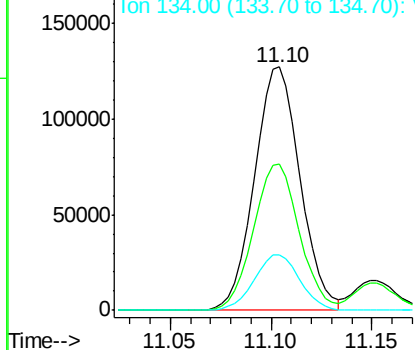
#83
 tert-Butylbenzene
 Concen: 22.407 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	29.7	89.1
134	22.9	11.6	34.7

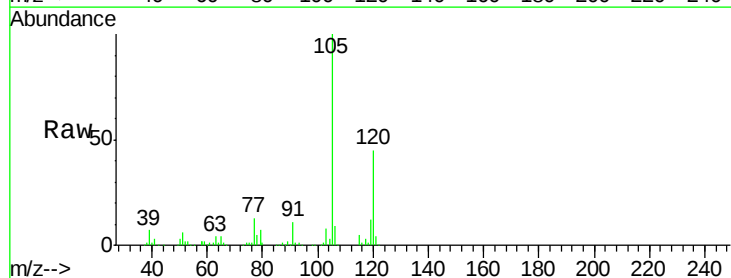


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

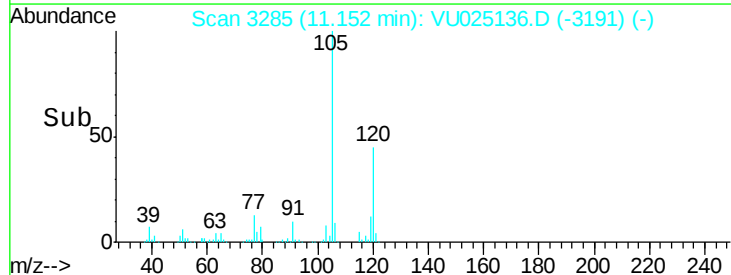
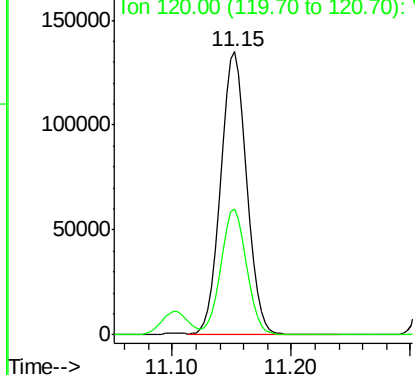


#84
 1,2,4-Trimethylbenzene
 Concen: 21.564 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.6	67.8



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





#85

sec-Butylbenzene

Concen: 21.486 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

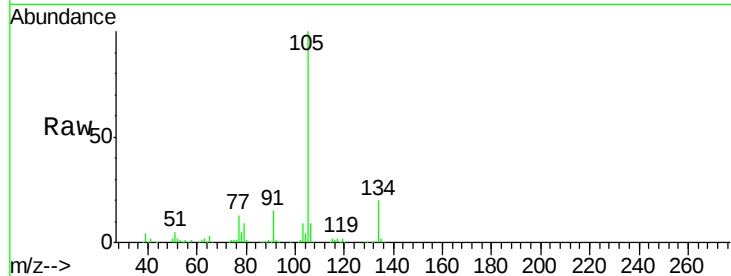
VU0702WBSD01

Tot Ion:105 Resp: 240887

Ion Ratio Lower Upper

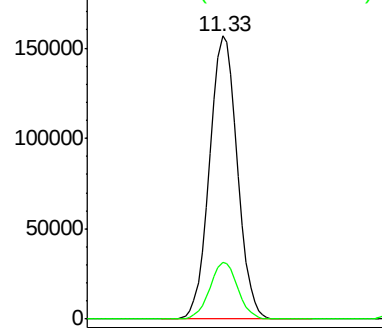
105 100

134 20.1 9.7 29.1

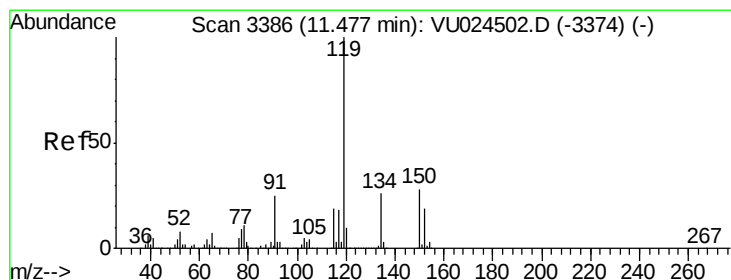
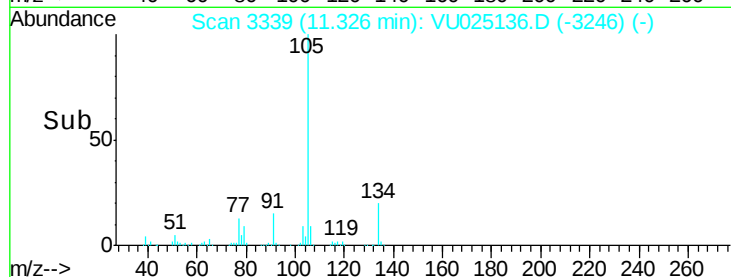


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.639 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

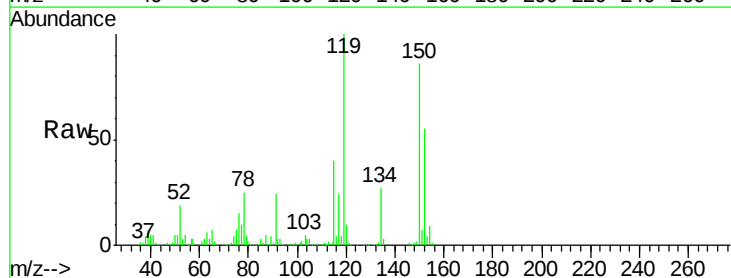
Tgt Ion:119 Resp: 207228

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

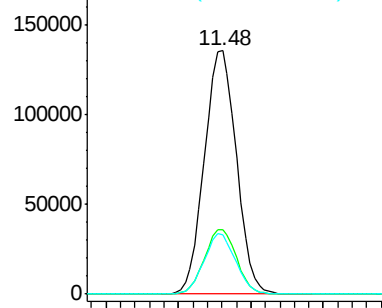
91 24.6 12.0 36.1



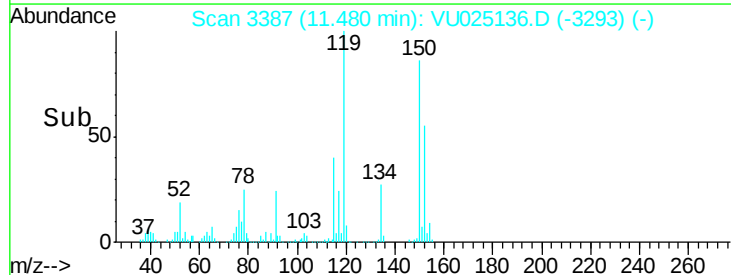
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->

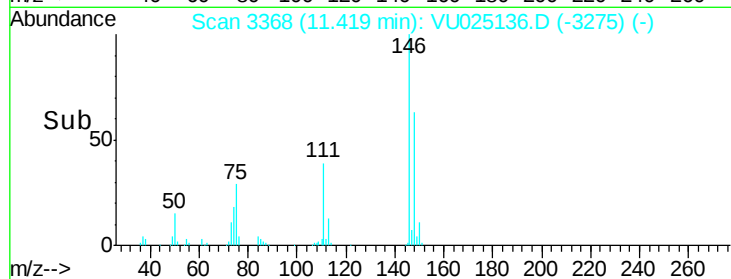
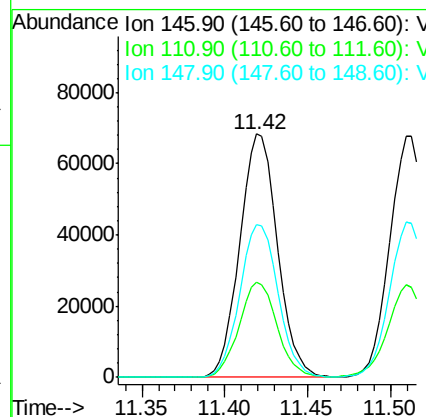
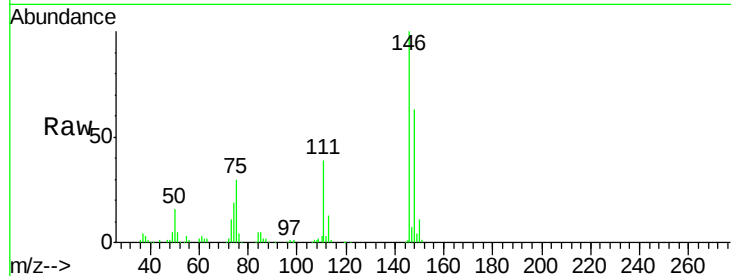




#87
 1,3-Dichlorobenzene
 Concen: 21.524 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

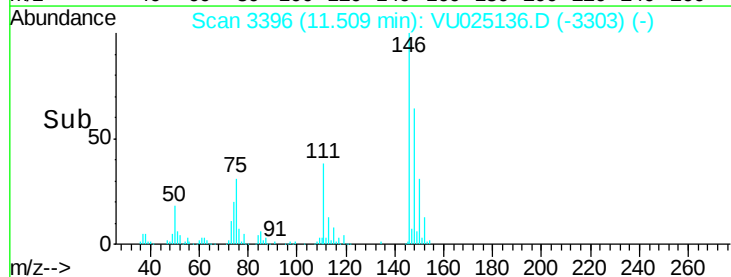
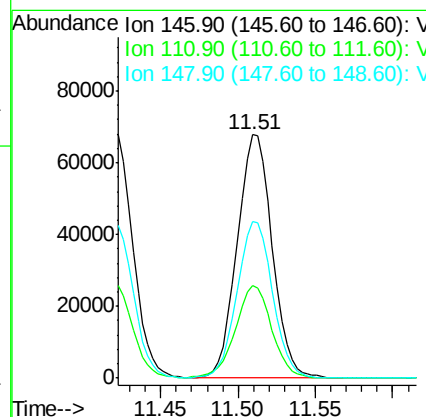
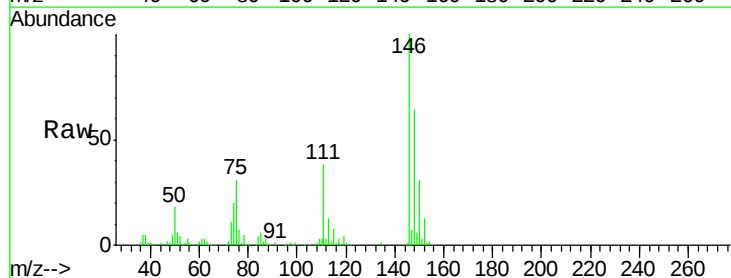
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.028 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	65.5	32.4	97.0





#89

n-Butylbenzene

Concen: 18.592 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

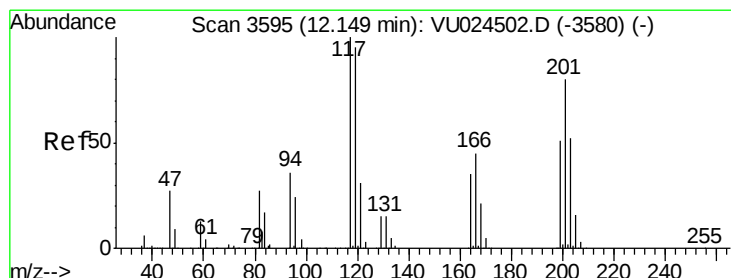
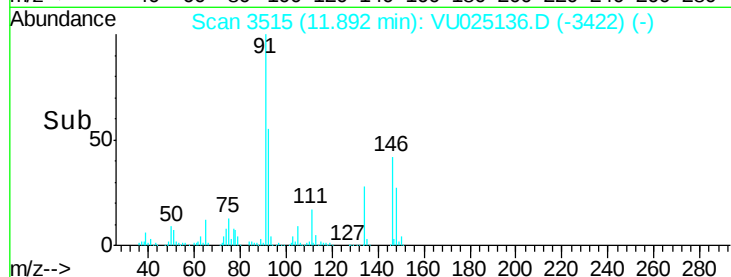
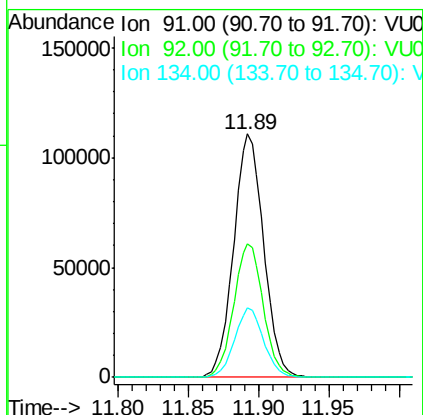
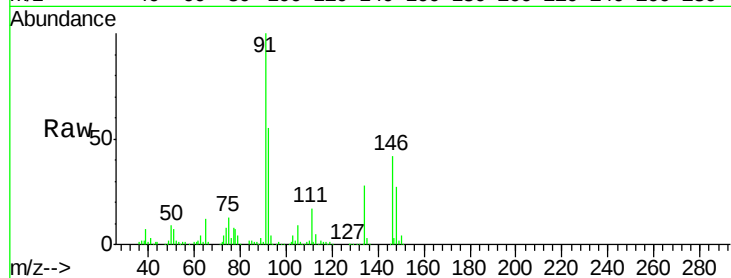
Tot Ion: 91 Resp: 165737

Ion Ratio Lower Upper

91 100

92 53.7 25.6 76.8

134 27.5 12.3 36.8



#90

Hexachloroethane

Concen: 17.772 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025136.D

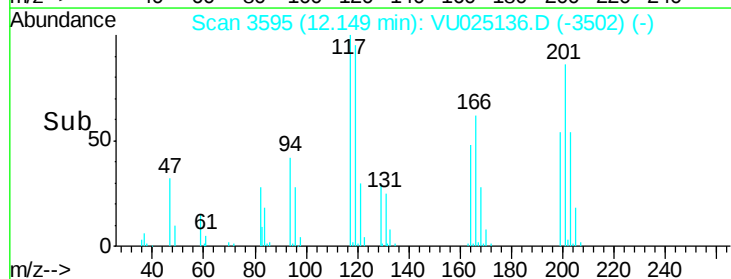
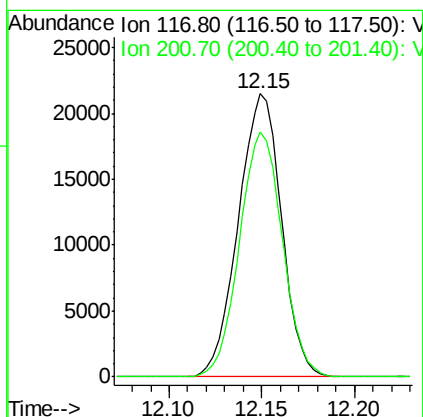
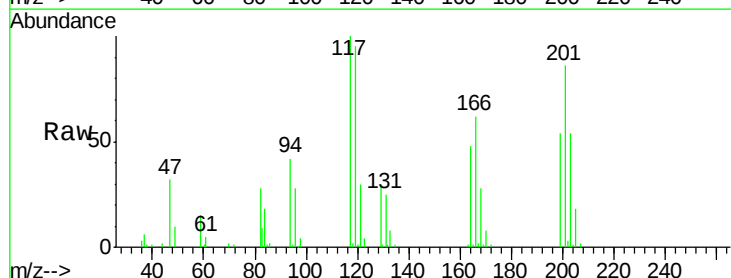
Acq: 02 Jul 2018 12:17

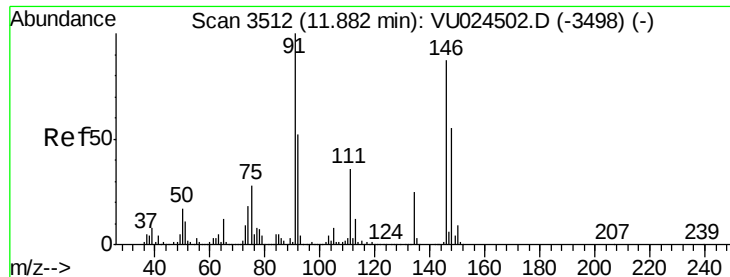
Tgt Ion: 117 Resp: 34810

Ion Ratio Lower Upper

117 100

201 86.0 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 21.913 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

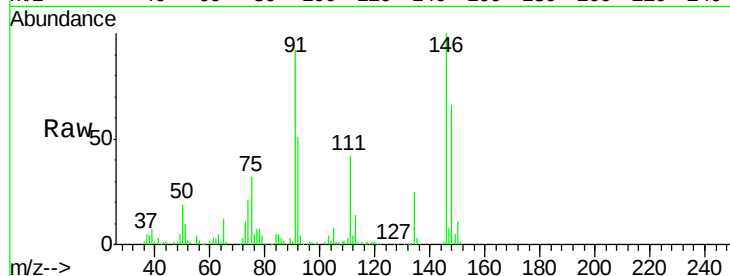
Tot Ion:146 Resp: 110281

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

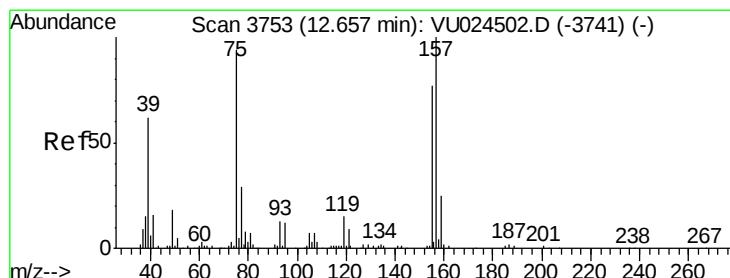
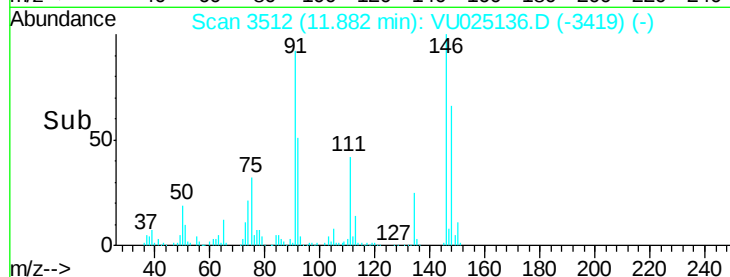
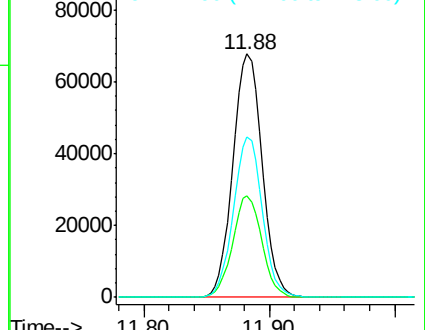
148 64.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.541 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

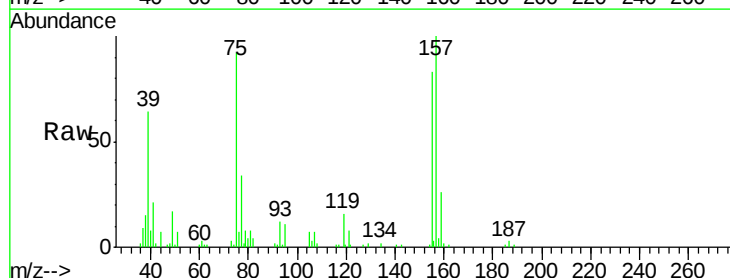
Tgt Ion: 75 Resp: 19410

Ion Ratio Lower Upper

75 100

155 86.8 40.4 121.2

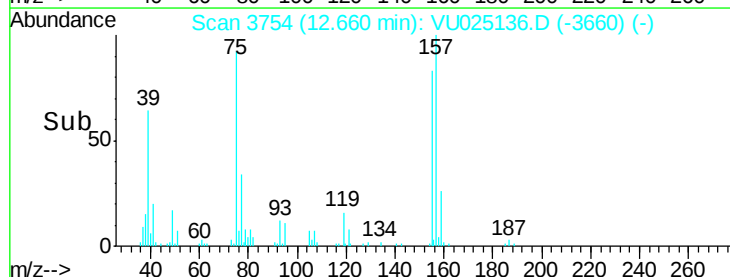
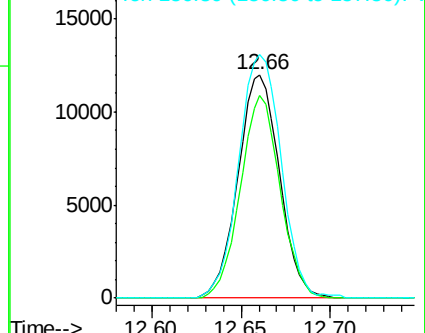
157 111.8 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

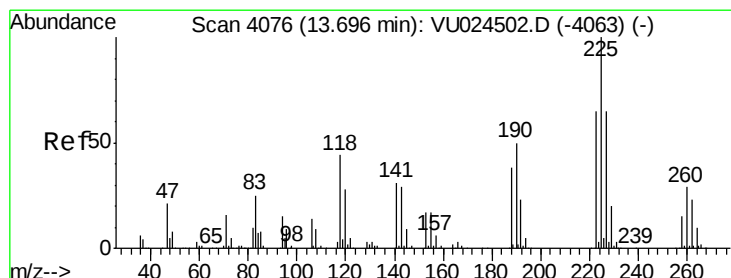
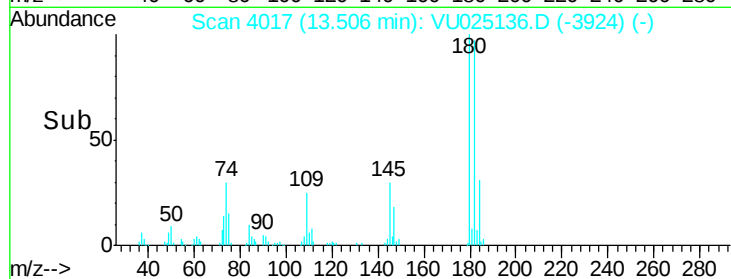
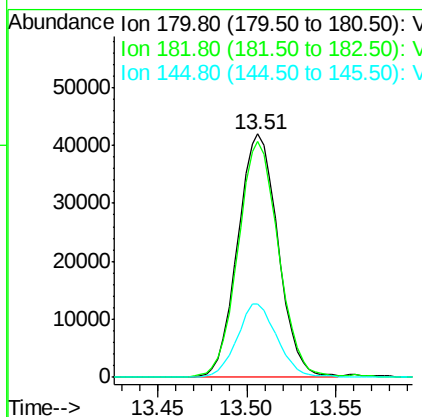
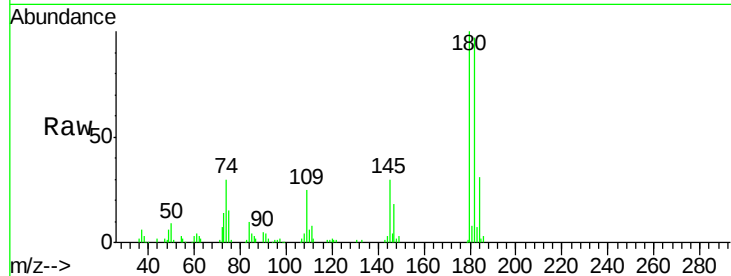




#93
 1,2,4-Trichlorobenzene
 Concen: 21.251 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

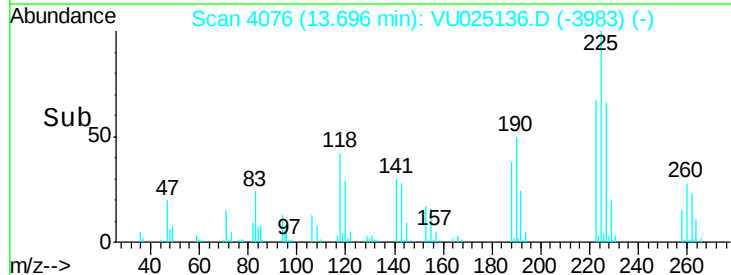
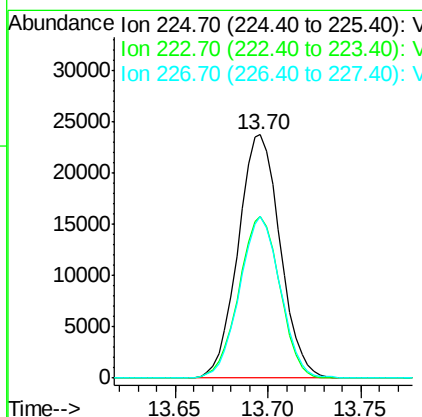
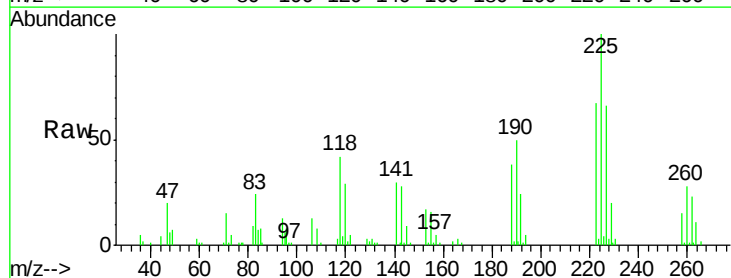
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Tot Ion:180 Resp: 66042
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.0 144.2
 145 29.9 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 21.355 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025136.D
 Acq: 02 Jul 2018 12:17

Tgt Ion:225 Resp: 37355
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.3 93.8
 227 64.3 31.8 95.4





#95

Naphthalene

Concen: 21.794 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBSD01

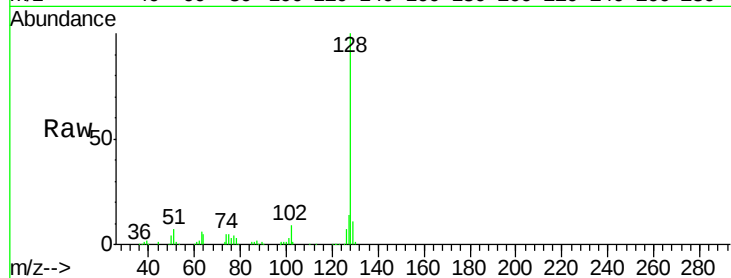
Tot Ion:128 Resp: 220232

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

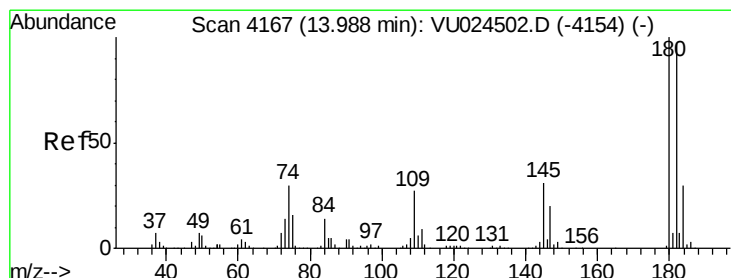
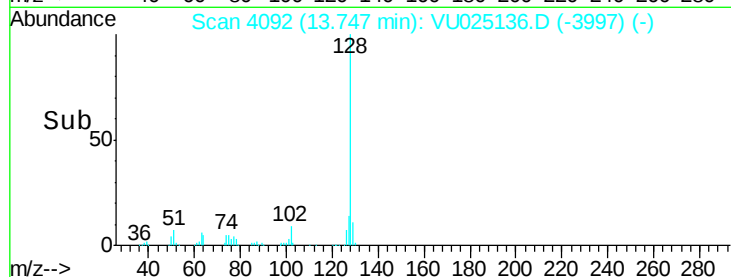
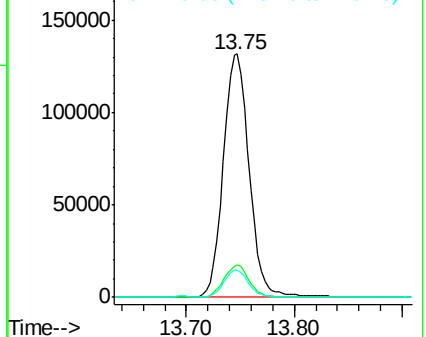
129 10.8 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 23.152 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025136.D

Acq: 02 Jul 2018 12:17

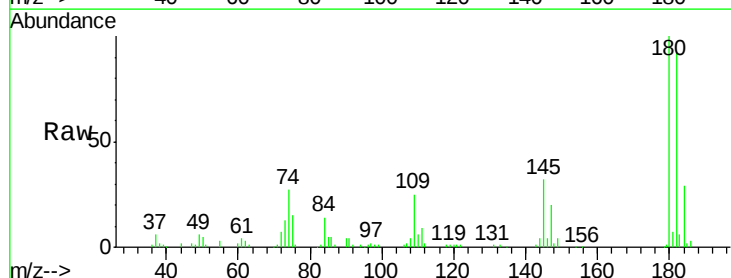
Tgt Ion:180 Resp: 71694

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.7

145 32.1 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

