

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025183.D
 Acq On : 03 Jul 2018 11:37
 Operator : MD/SY
 Sample : VU0703WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Quant Time: Jul 04 04:56:35 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	171250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	255915	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	238058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	138694	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	135371	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	4.89	113	112414	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
50) Toluene-d8	7.57	98	349093	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	10.31	95	149926	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36565	17.058	ug/l	99
3) Chloromethane	1.33	50	39080	17.845	ug/l	99
4) Vinyl Chloride	1.40	62	43038	19.057	ug/l	99
5) Bromomethane	1.62	94	26062	23.872	ug/l	100
6) Chloroethane	1.69	64	27235	20.969	ug/l	100
7) Trichlorofluoromethane	1.89	101	70517	20.460	ug/l	98
8) Diethyl Ether	2.10	74	27000	21.964	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42933	20.079	ug/l	98
10) Methyl Iodide	2.41	142	36323	23.238	ug/l	96
11) Tert butyl alcohol	2.82	59	76537	112.565	ug/l	98
12) 1,1-Dichloroethene	2.28	96	40285	20.660	ug/l	97
13) Acrolein	2.19	56	13482	37.759	ug/l	96
14) Allyl chloride	2.59	41	66408	18.342	ug/l	99
15) Acrylonitrile	2.93	53	141238	106.764	ug/l	98
16) Acetone	2.32	43	162912	108.455	ug/l	99
17) Carbon Disulfide	2.48	76	101668	16.283	ug/l	99
18) Methyl Acetate	2.62	43	84911	26.368	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	154864	21.128	ug/l	97
20) Methylene Chloride	2.70	84	48924	20.757	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	42502	19.790	ug/l	96
22) Diisopropyl ether	3.57	45	147626	20.569	ug/l	91
23) Vinyl Acetate	3.53	43	617261	96.009	ug/l	98
24) 1,1-Dichloroethane	3.45	63	83914	20.324	ug/l	98
25) 2-Butanone	4.26	43	217193	107.644	ug/l	96
26) 2,2-Dichloropropane	4.23	77	78633	20.057	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	52451	21.243	ug/l	96
28) Bromochloromethane	4.55	49	34807	19.140	ug/l	# 82
29) Tetrahydrofuran	4.64	42	129648	103.761	ug/l	94
30) Chloroform	4.68	83	89421	21.398	ug/l	97
31) Cyclohexane	5.00	56	77500	19.951	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	80982	20.956	ug/l	96
36) 1,1-Dichloropropene	5.14	75	61131	20.328	ug/l	96
37) Ethyl Acetate	4.38	43	73535	22.435	ug/l	98
38) Carbon Tetrachloride	5.14	117	70256	21.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	76289	20.329	ug/l	94
40) Benzene	5.39	78	181726	21.208	ug/l	100
41) Methacrylonitrile	4.54	41	41021	23.213	ug/l	98
42) 1,2-Dichloroethane	5.41	62	76854	23.549	ug/l	100
43) Isopropyl Acetate	5.55	43	117746	20.783	ug/l	99
44) Trichloroethene	6.19	130	50593	20.746	ug/l	100
45) 1,2-Dichloropropane	6.44	63	49336	21.578	ug/l	99
46) Dibromomethane	6.56	93	35727	22.246	ug/l	96
47) Bromodichloromethane	6.76	83	66986	20.946	ug/l	97
48) Methyl methacrylate	6.63	41	60807	22.041	ug/l	99
49) 1,4-Dioxane	6.62	88	29227	541.729	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	389734	109.495	ug/l	99
52) Toluene	7.64	92	117166	21.253	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72533	20.197	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	76393	19.963	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	48824	21.787	ug/l	98
56) Ethyl methacrylate	8.02	69	76421	20.375	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82493	21.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	136177	94.769	ug/l	95
59) 2-Hexanone	8.36	43	314525	108.237	ug/l	100
60) Dibromochloromethane	8.48	129	53436	19.122	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54195	21.728	ug/l	98
64) Tetrachloroethene	8.23	164	48941	21.628	ug/l	98
65) Chlorobenzene	9.12	112	134485	22.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	50667	21.929	ug/l	97
67) Ethyl Benzene	9.25	91	230921	21.660	ug/l	97
68) m/p-Xylenes	9.38	106	180993	44.210	ug/l	96
69) o-Xylene	9.78	106	89197	22.015	ug/l	96
70) Styrene	9.80	104	137893	20.710	ug/l	99
71) Bromoform	9.96	173	41536	18.913	ug/l #	97
73) Isopropylbenzene	10.17	105	240607	22.596	ug/l	100
74) N-amyl acetate	10.01	43	98438	19.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81231	22.765	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	95226	31.185	ug/l	85
77) Bromobenzene	10.45	156	61020	22.635	ug/l	94
78) n-propylbenzene	10.59	91	263802	21.031	ug/l	98
79) 2-Chlorotoluene	10.66	91	165079	22.316	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	202287	21.918	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	95226	72.176	ug/l #	100
82) 4-Chlorotoluene	10.78	91	182373	21.182	ug/l	99
83) tert-Butylbenzene	11.10	119	204350	23.018	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	208073	22.122	ug/l	99
85) sec-Butylbenzene	11.33	105	237366	21.359	ug/l	98
86) p-Isopropyltoluene	11.48	119	208257	20.924	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	105970	21.277	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106520	21.249	ug/l	98
89) n-Butylbenzene	11.89	91	161795	18.310	ug/l	97
90) Hexachloroethane	12.15	117	35164	18.111	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	110374	22.125	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19982	20.295	ug/l	94

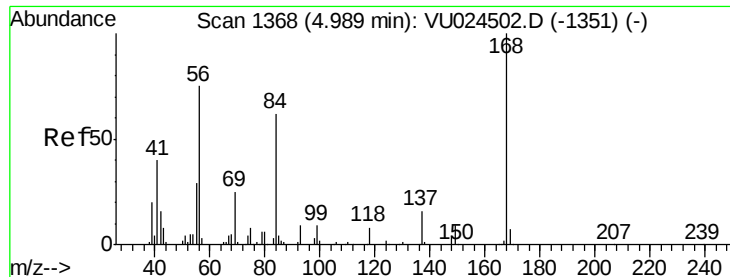
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QLast Update : Wed Jun 13 13:55:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	64828	21.044	ug/l	99
94) Hexachlorobutadiene	13.70	225	36914	21.290	ug/l	97
95) Naphthalene	13.75	128	217581	21.725	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67449	21.973	ug/l	98

(#) = 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: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

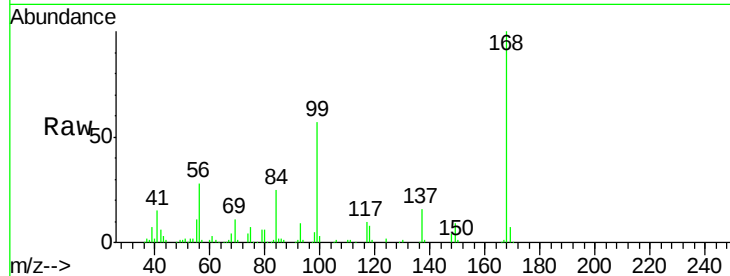
VU0703WBS01

Tot Ion:168 Resp: 171250

Ion Ratio Lower Upper

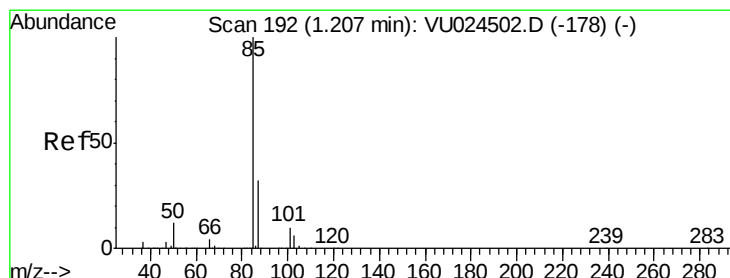
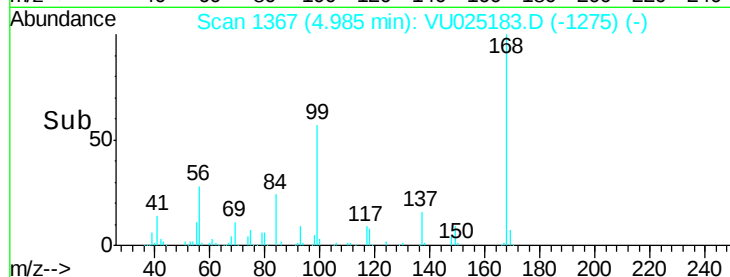
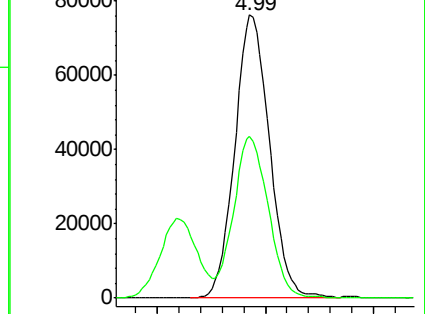
168 100

99 56.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 17.058 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025183.D

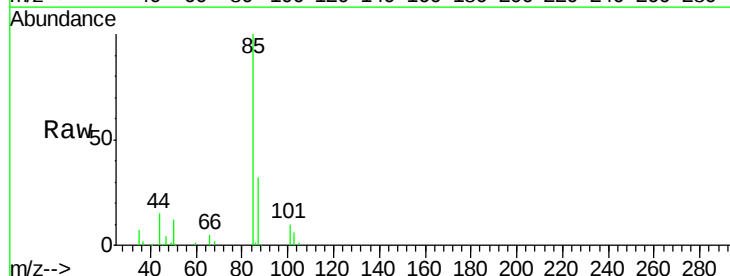
Acq: 03 Jul 2018 11:37

Tgt Ion: 85 Resp: 36565

Ion Ratio Lower Upper

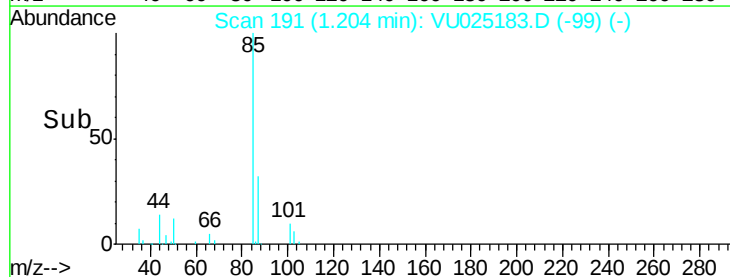
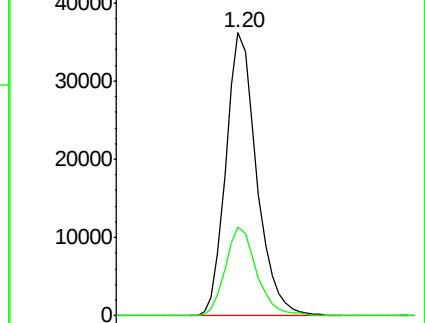
85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 17.845 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

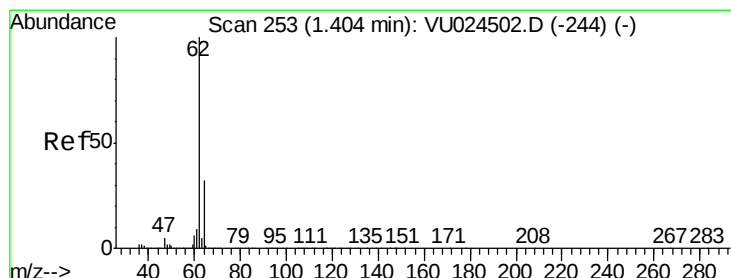
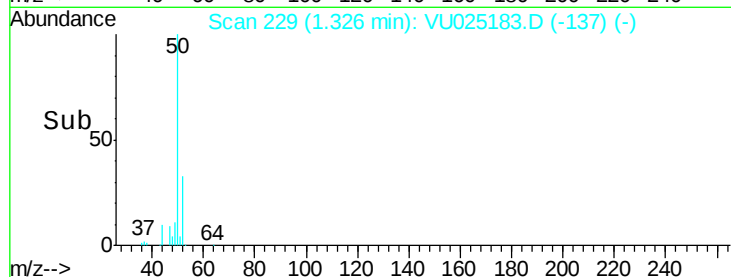
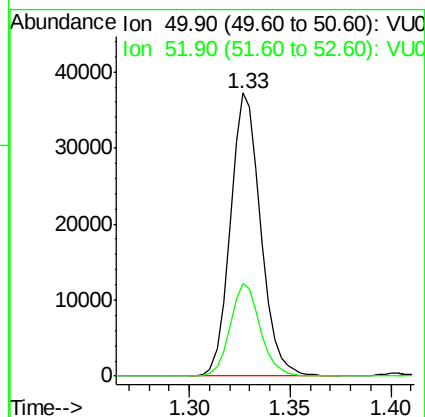
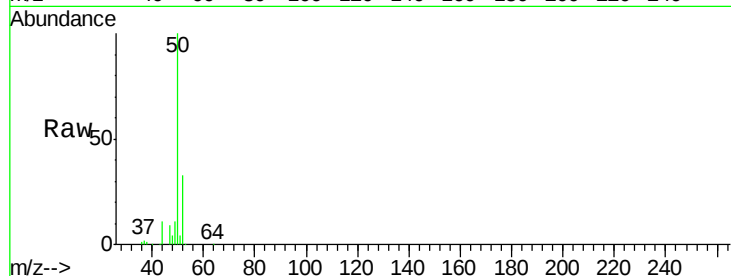
VU0703WBS01

Tot Ion: 50 Resp: 39080

Ion Ratio Lower Upper

50 100

52 32.6 26.4 39.6



#4

Vinyl Chloride

Concen: 19.057 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025183.D

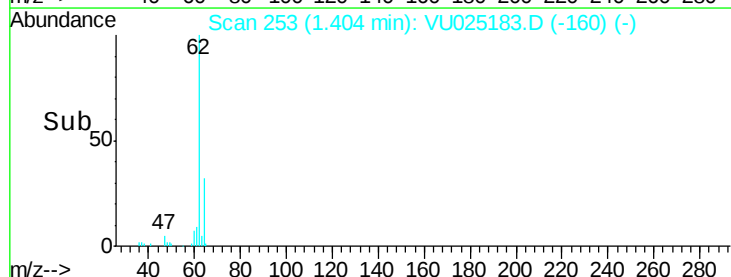
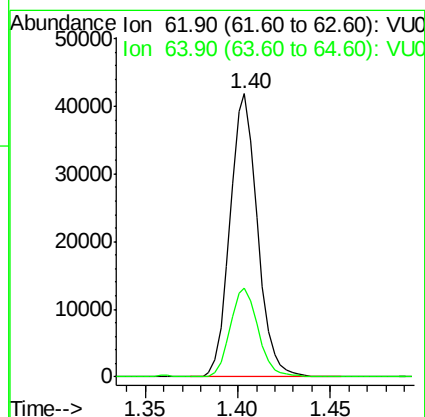
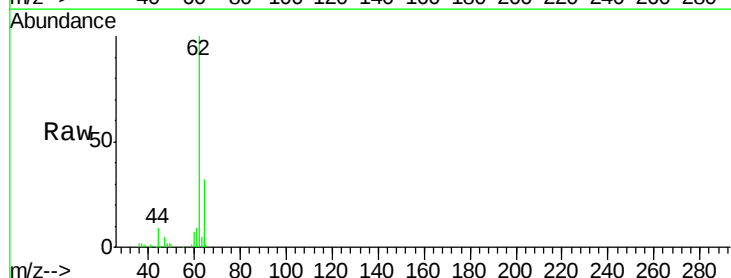
Acq: 03 Jul 2018 11:37

Tgt Ion: 62 Resp: 43038

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 23.872 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

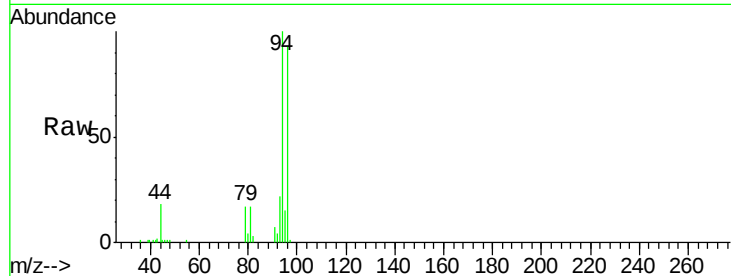
VU0703WBS01

Tot Ion: 94 Resp: 26062

Ion Ratio Lower Upper

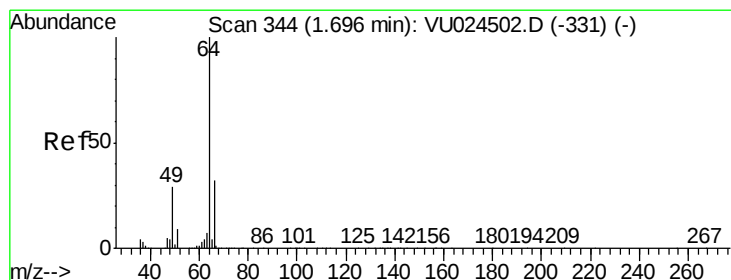
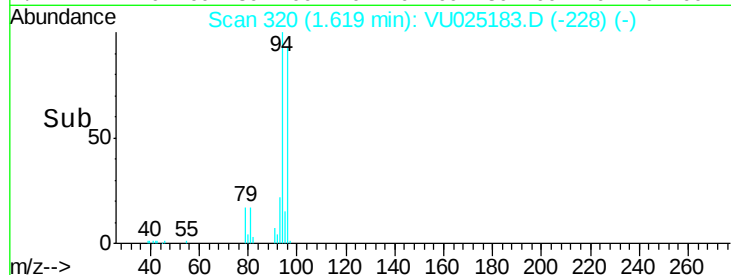
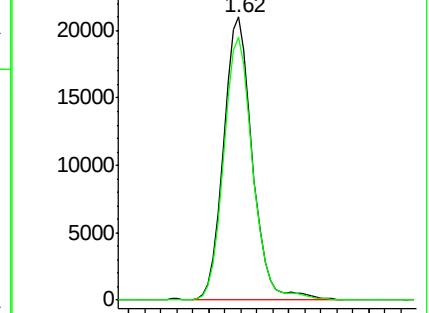
94 100

96 92.8 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: 20.969 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025183.D

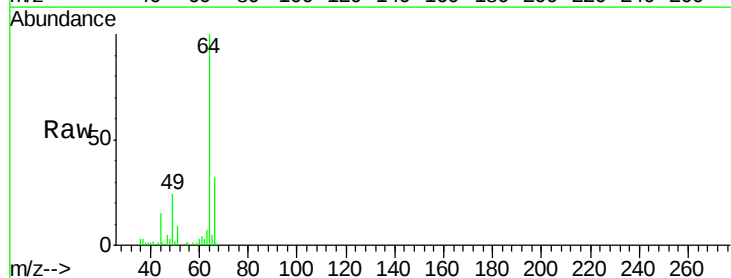
Acq: 03 Jul 2018 11:37

Tgt Ion: 64 Resp: 27235

Ion Ratio Lower Upper

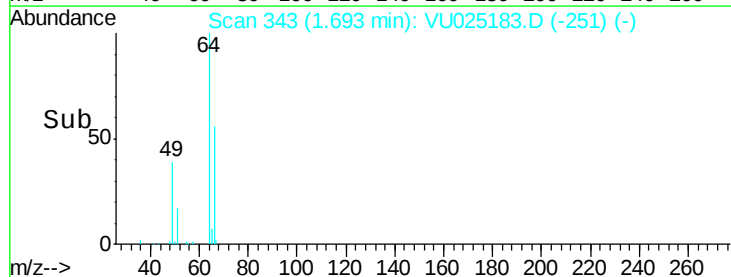
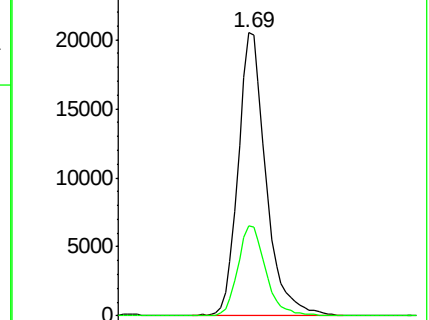
64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



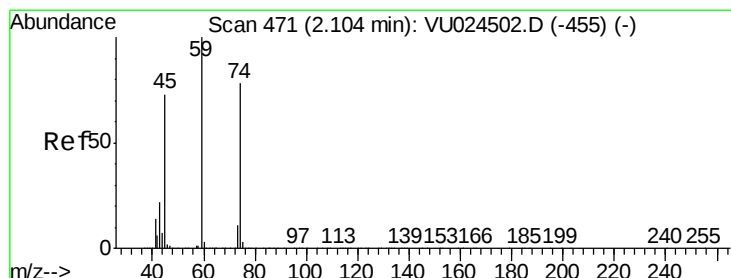
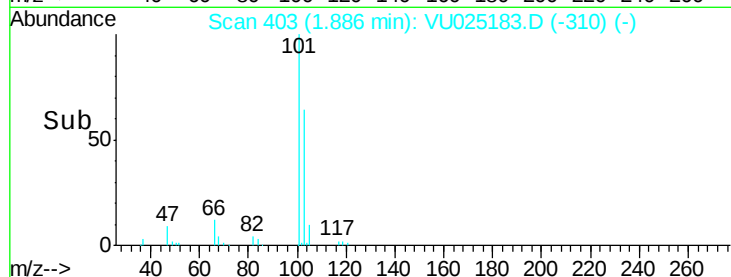
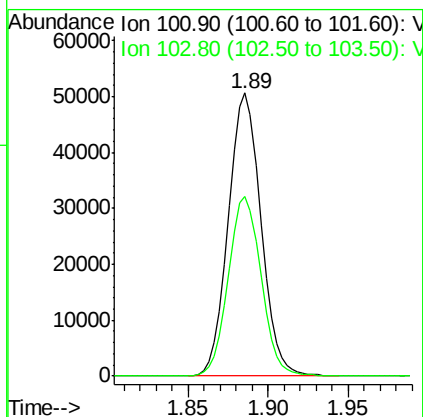
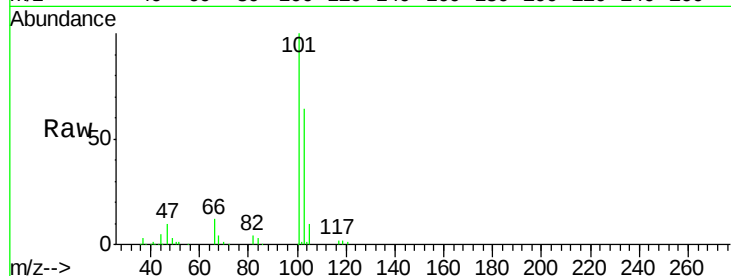


#7

Trichlorofluoromethane
Concen: 20.460 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

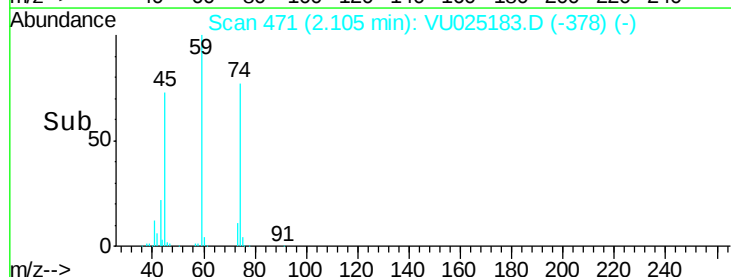
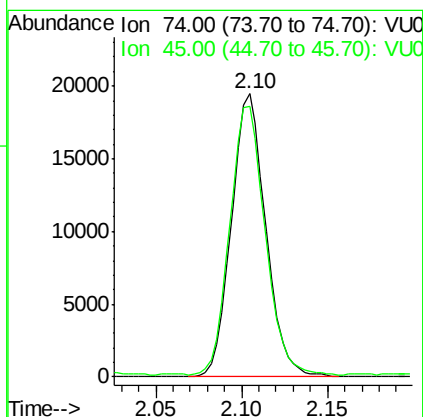
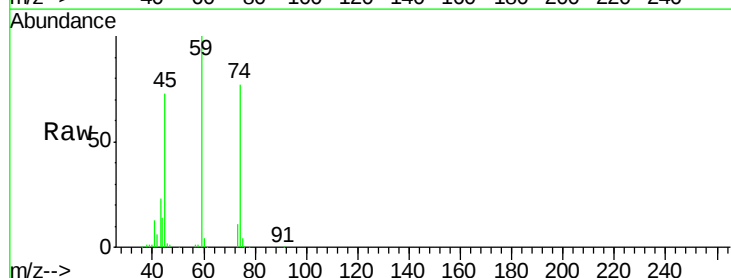
Tot Ion:101 Resp: 70517
Ion Ratio Lower Upper
101 100
103 63.5 52.3 78.5

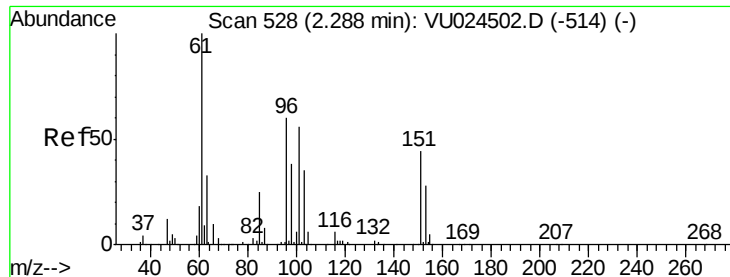


#8

Diethyl Ether
Concen: 21.964 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 74 Resp: 27000
Ion Ratio Lower Upper
74 100
45 97.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.079 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

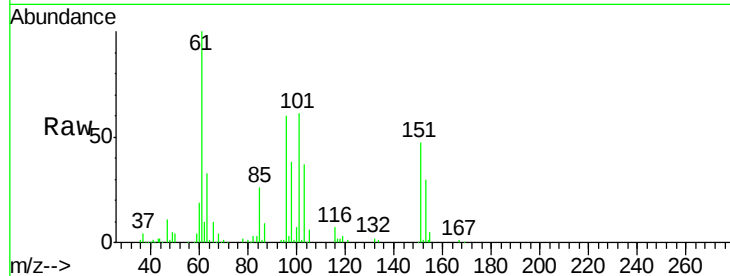
Tot Ion:101 Resp: 42933

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

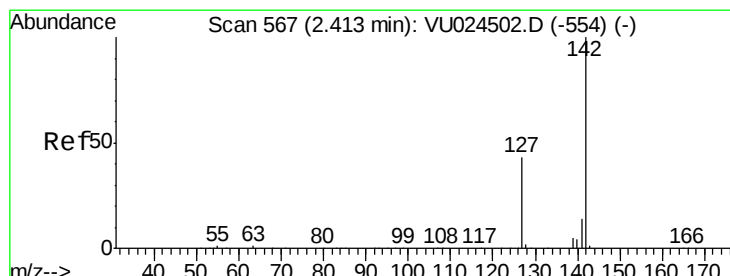
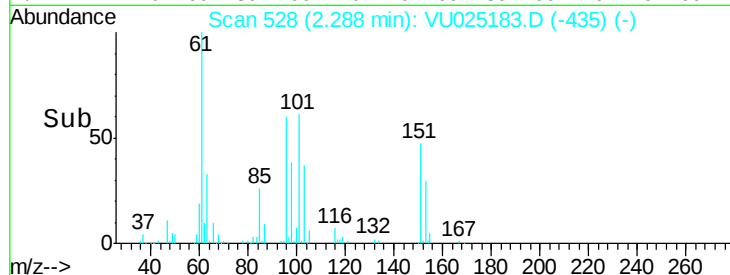
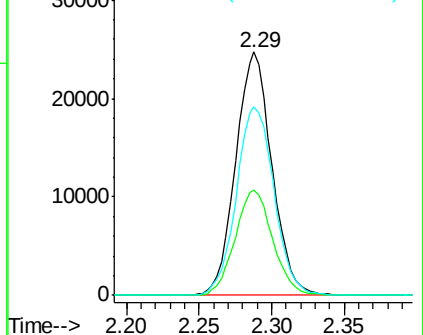
151 80.9 62.3 93.5



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: 23.238 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

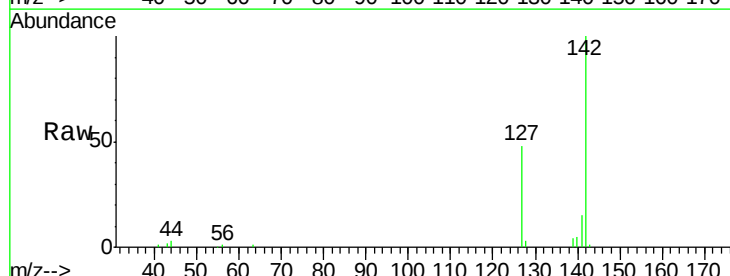
Tgt Ion:142 Resp: 36323

Ion Ratio Lower Upper

142 100

127 47.7 35.6 53.4

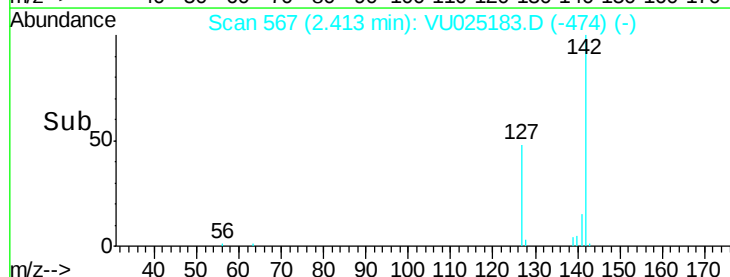
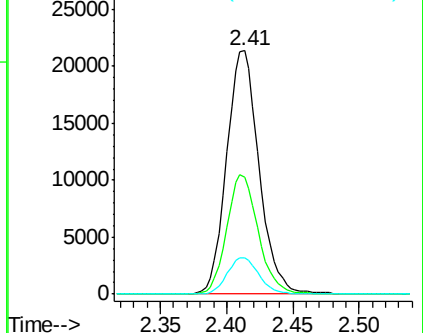
141 14.4 11.7 17.5

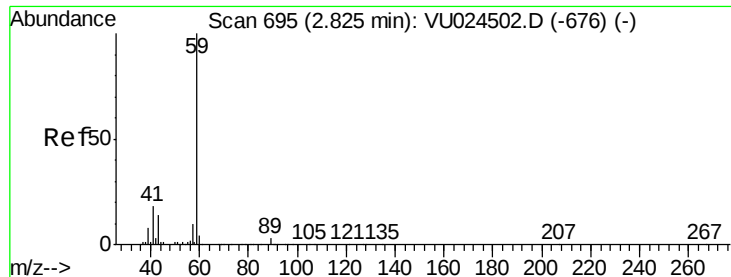


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

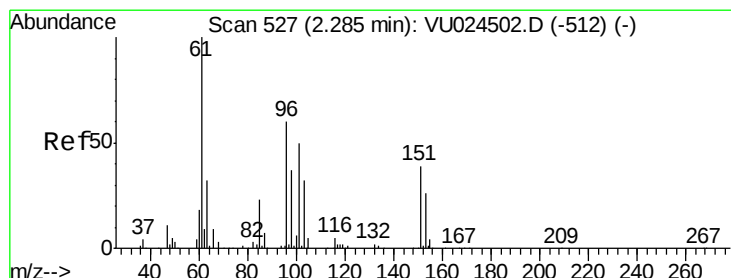
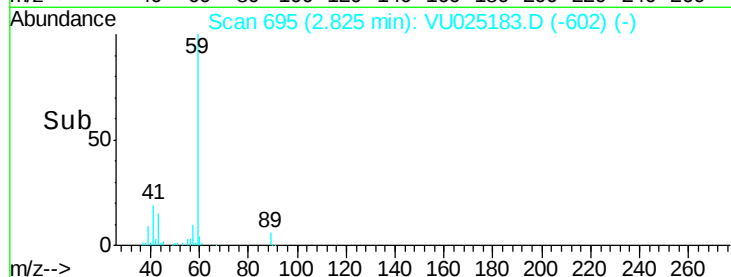
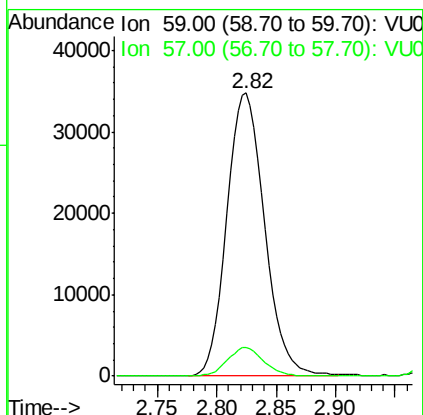
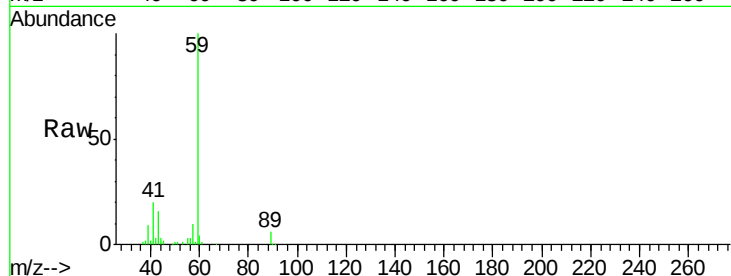




#11
Tert butyl alcohol
Concen: 112.565 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

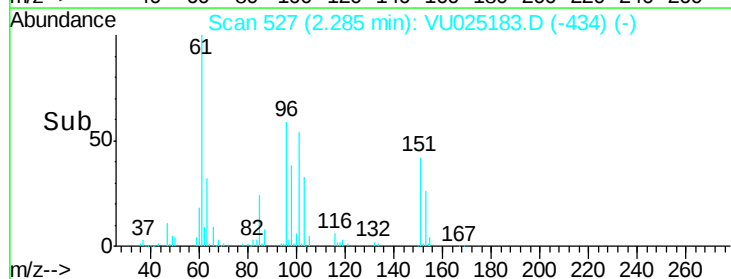
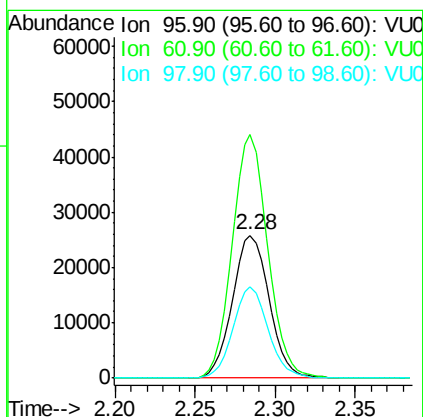
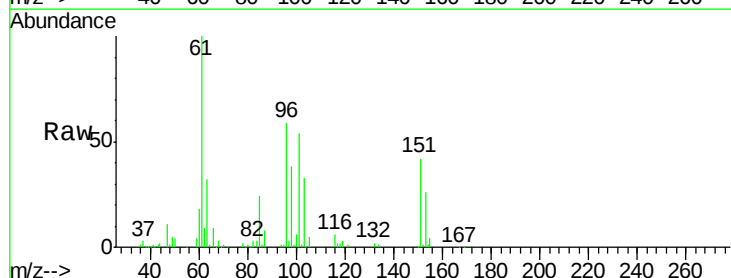
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

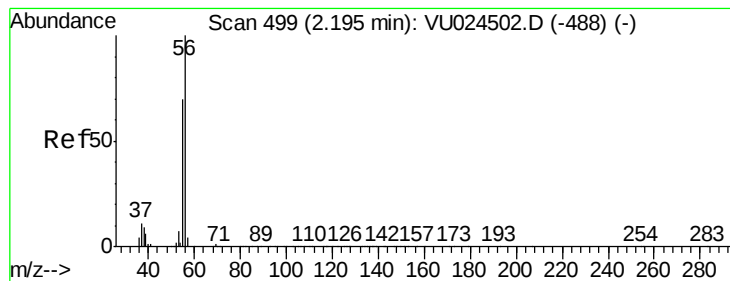
Tot Ion: 59 Resp: 76537
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 20.660 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 96 Resp: 40285
Ion Ratio Lower Upper
96 100
61 170.7 141.7 212.5
98 64.3 51.6 77.4





#13

Acrolein

Concen: 37.759 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

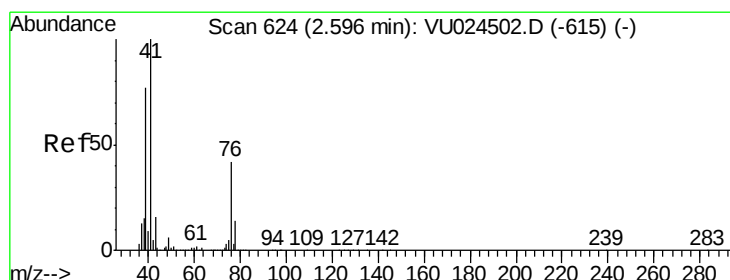
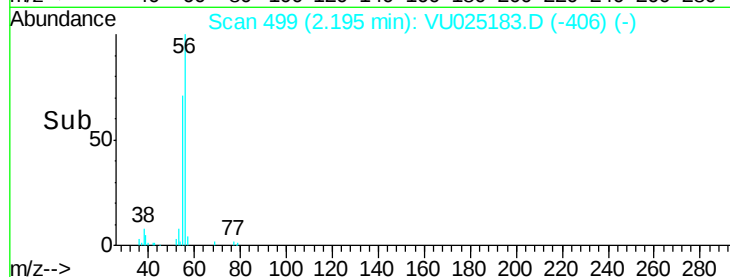
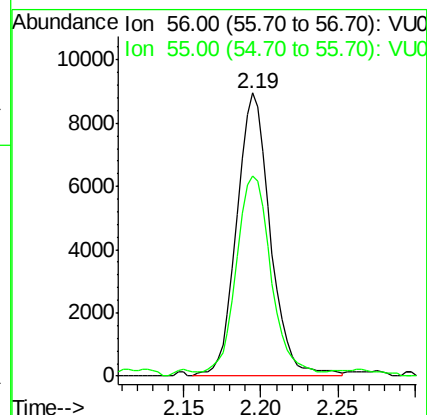
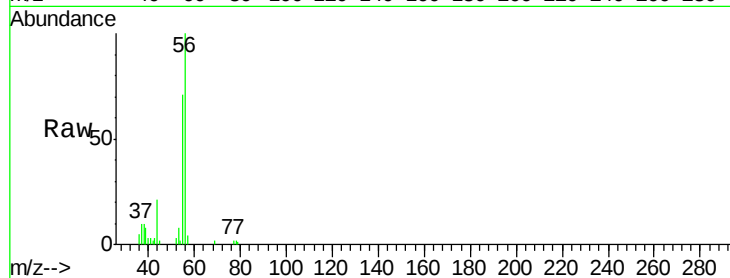
VU0703WBS01

Tot Ion: 56 Resp: 13482

Ion Ratio Lower Upper

56 100

55 69.4 58.4 87.6



#14

Allyl chloride

Concen: 18.342 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

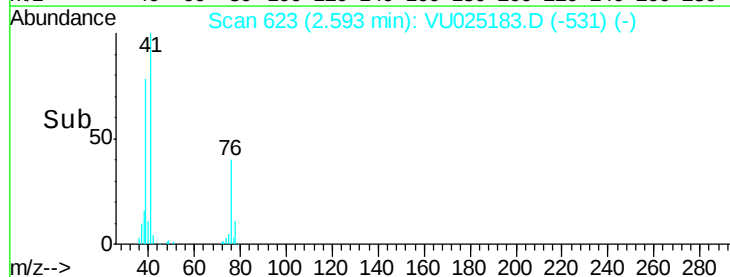
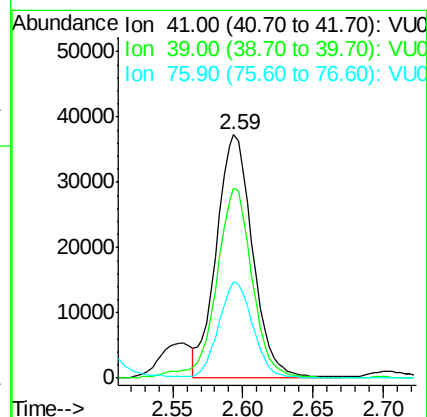
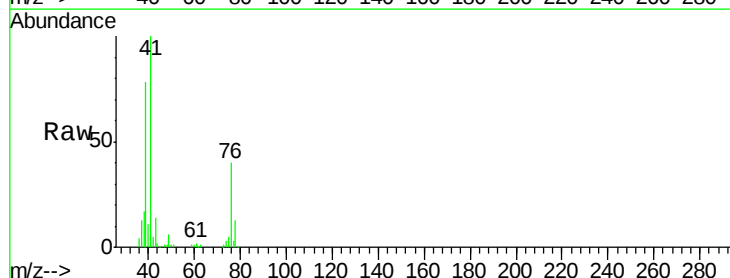
Tgt Ion: 41 Resp: 66408

Ion Ratio Lower Upper

41 100

39 77.8 61.6 92.4

76 37.4 29.7 44.5





#15

Acrylonitrile

Concen: 106.764 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

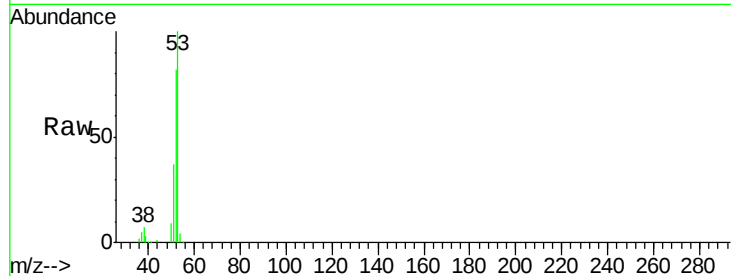
Tot Ion: 53 Resp: 141238

Ion Ratio Lower Upper

53 100

52 81.6 67.1 100.7

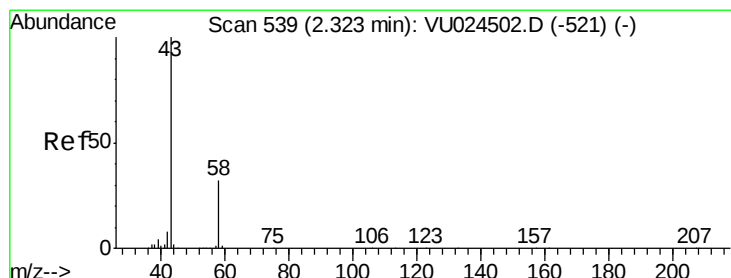
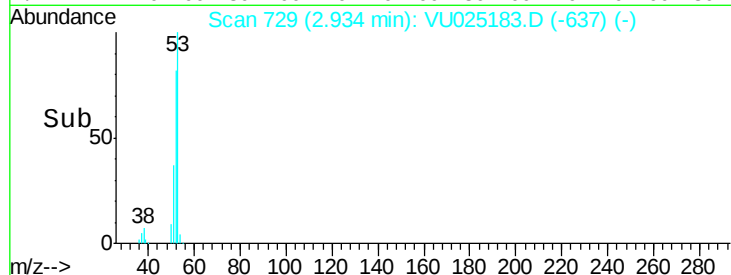
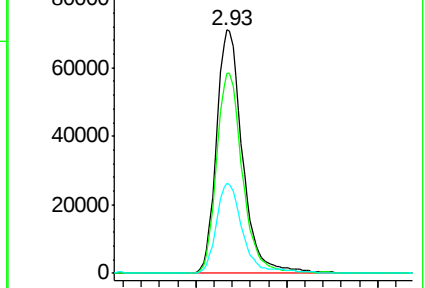
51 36.0 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 108.455 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025183.D

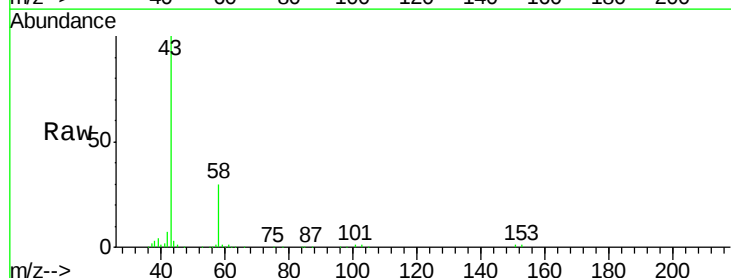
Acq: 03 Jul 2018 11:37

Tgt Ion: 43 Resp: 162912

Ion Ratio Lower Upper

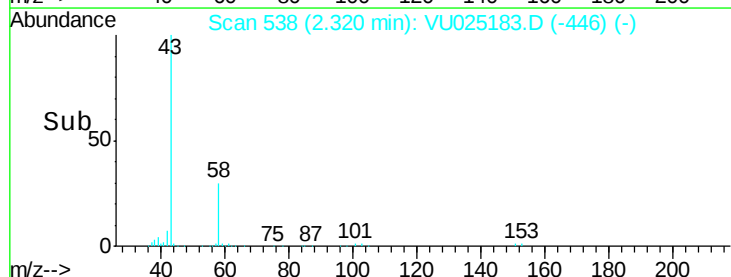
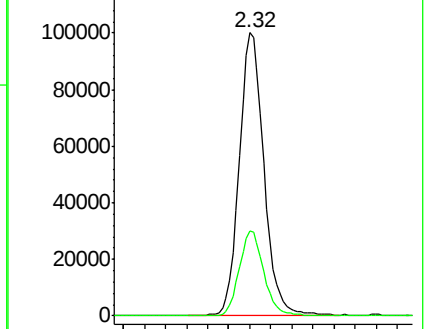
43 100

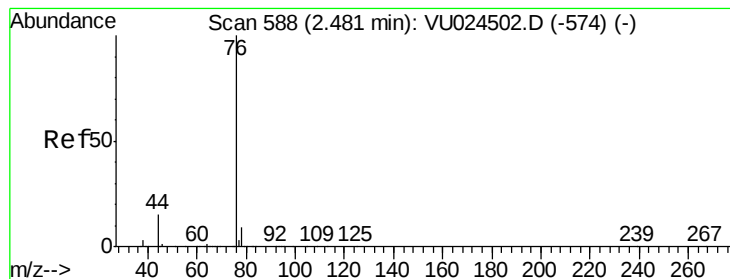
58 29.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 16.283 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

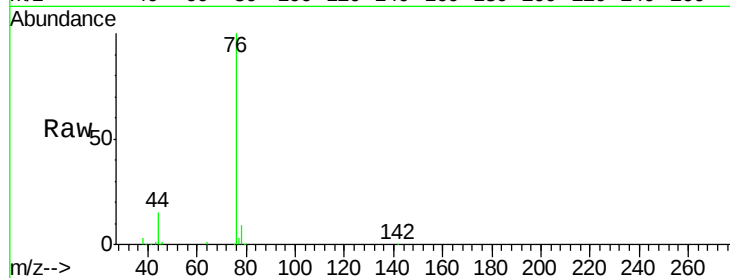
VU0703WBS01

Tot Ion: 76 Resp: 101668

Ion Ratio Lower Upper

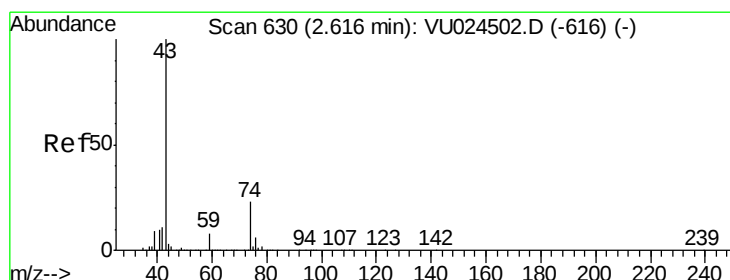
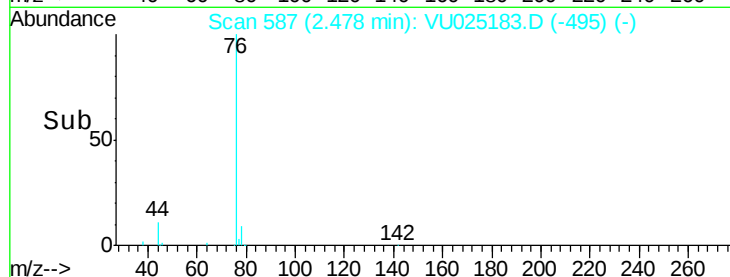
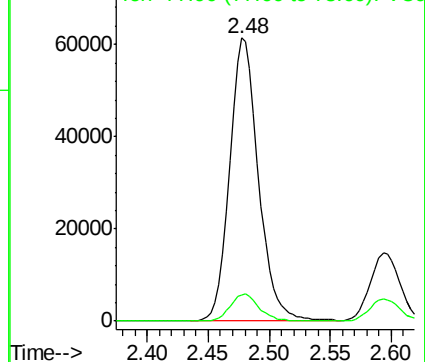
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 26.368 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025183.D

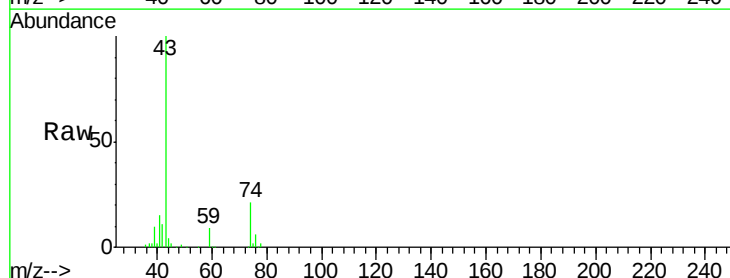
Acq: 03 Jul 2018 11:37

Tgt Ion: 43 Resp: 84911

Ion Ratio Lower Upper

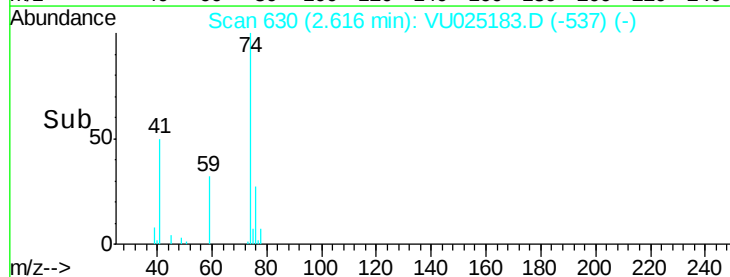
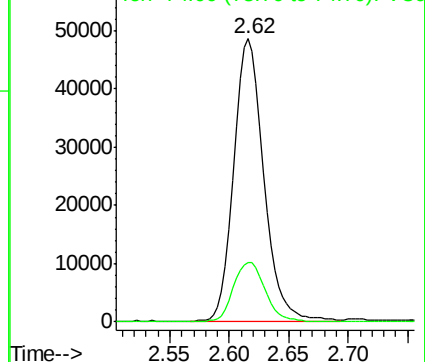
43 100

74 22.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

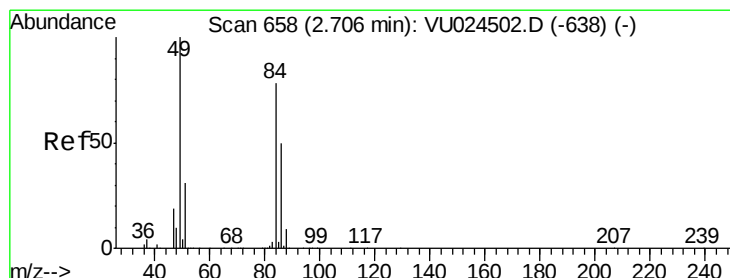
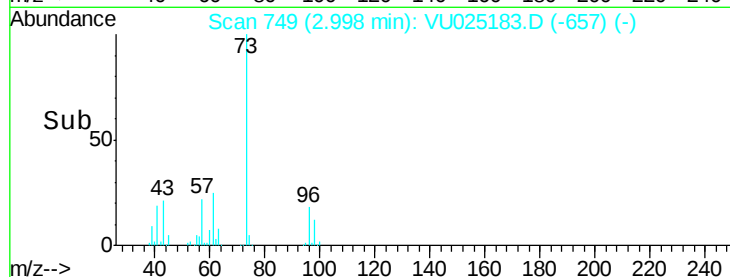
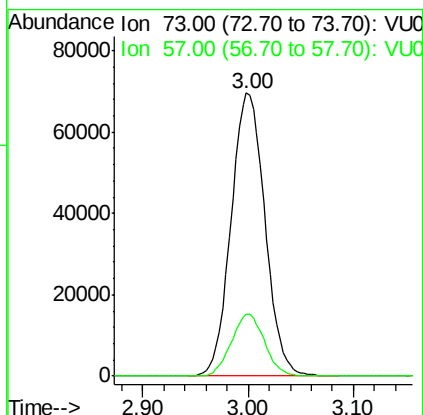
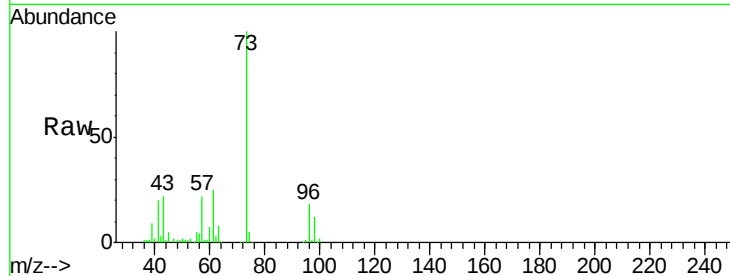




#19
Methyl tert-butyl Ether
Concen: 21.128 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

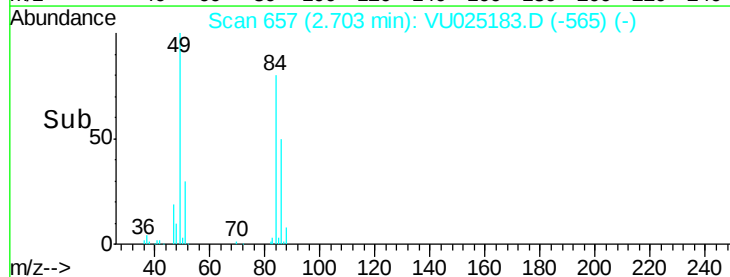
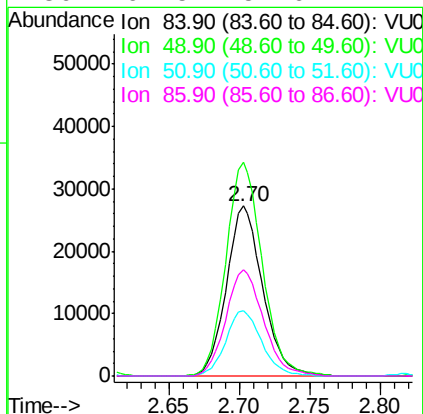
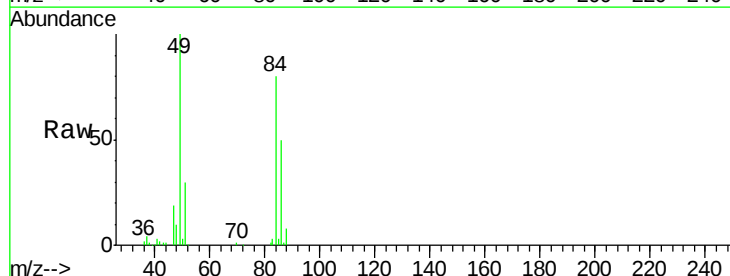
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion: 73 Resp: 154864
Ion Ratio Lower Upper
73 100
57 22.0 18.8 28.2



#20
Methylene Chloride
Concen: 20.757 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 84 Resp: 48924
Ion Ratio Lower Upper
84 100
49 125.7 103.8 155.8
51 38.1 32.0 48.0
86 62.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.790 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

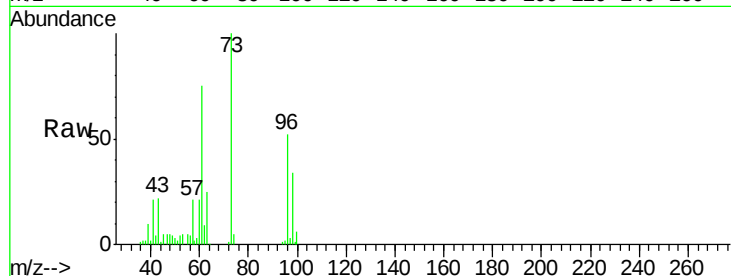
Tot Ion: 96 Resp: 42502

Ion Ratio Lower Upper

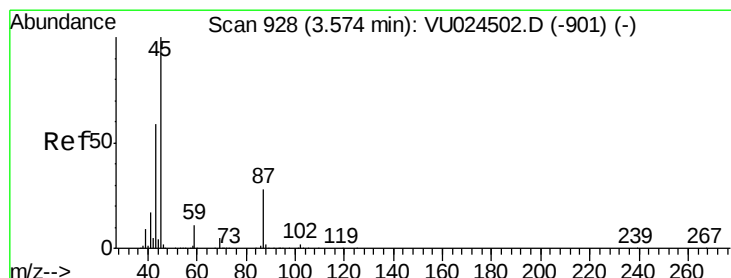
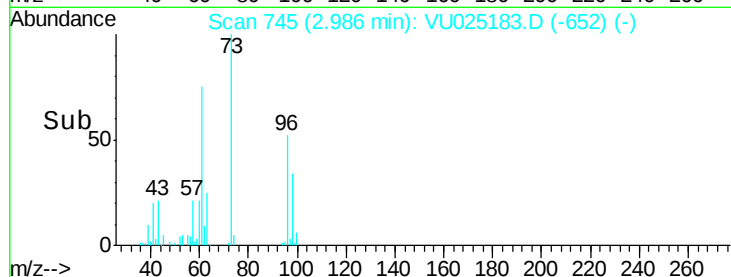
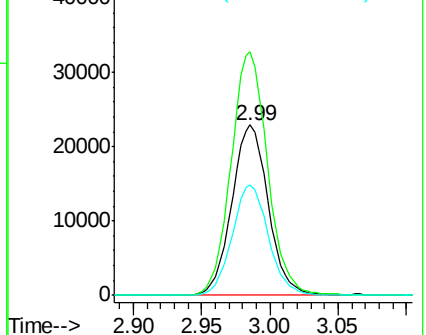
96 100

61 143.1 119.4 179.0

98 64.8 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: 20.569 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion: 45 Resp: 147626

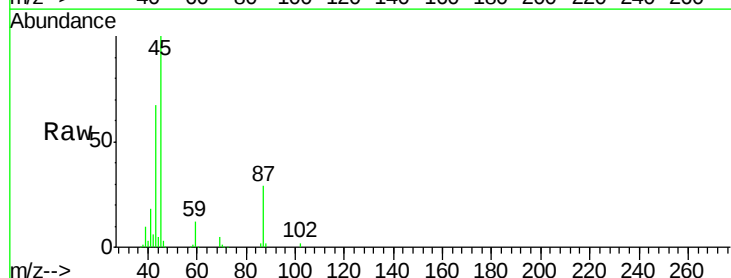
Ion Ratio Lower Upper

45 100

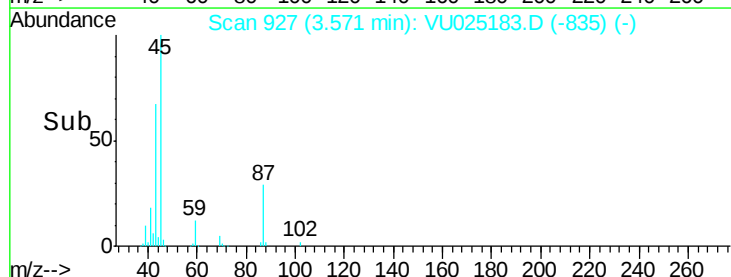
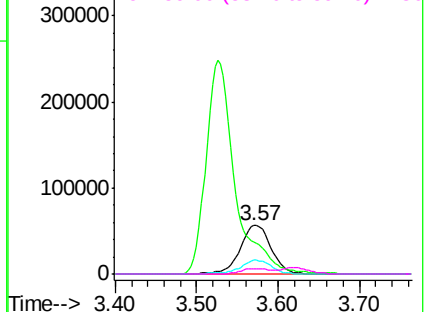
43 65.5 45.8 68.6

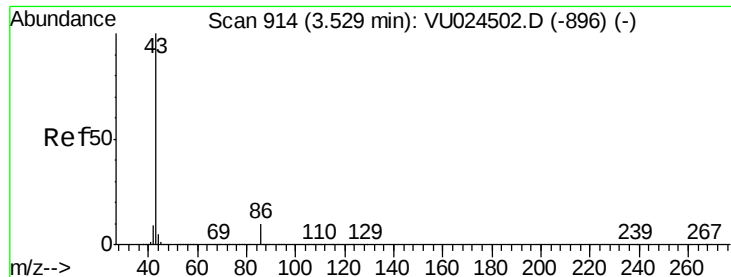
87 29.2 20.6 31.0

59 11.8 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: 96.009 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

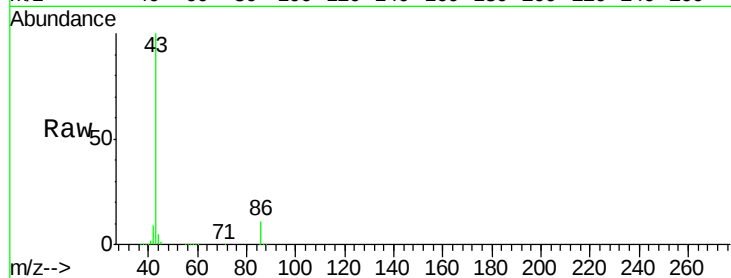
VU0703WBS01

Tot Ion: 43 Resp: 617261

Ion Ratio Lower Upper

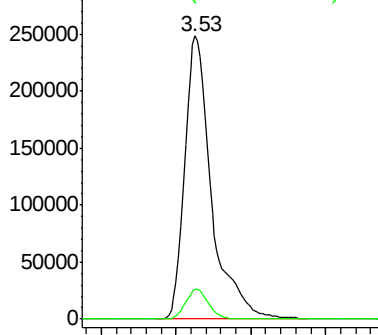
43 100

86 10.5 7.8 11.8

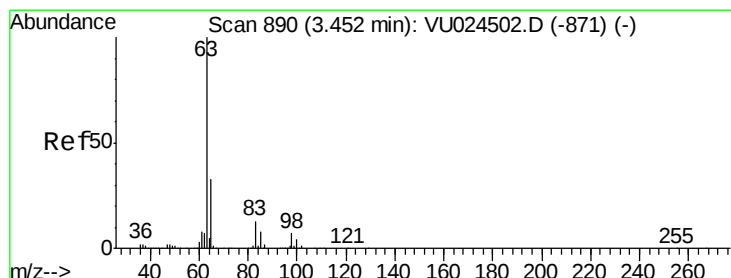
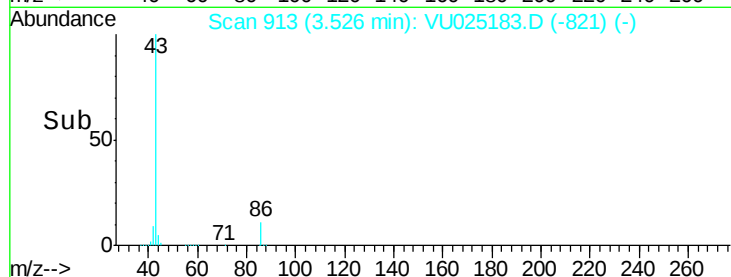


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 20.324 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

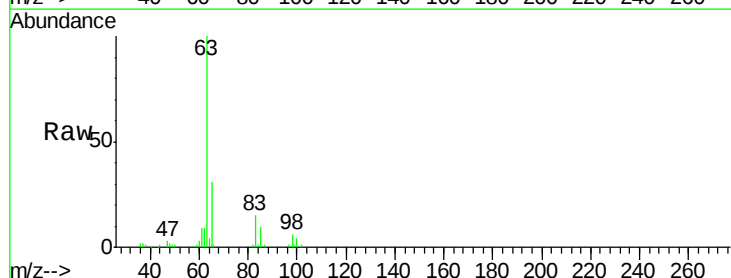
Tgt Ion: 63 Resp: 83914

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

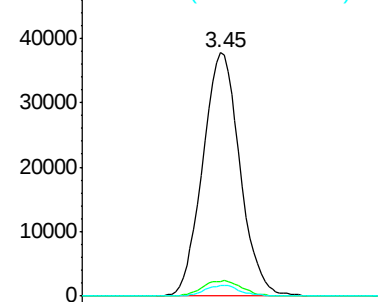
100 4.3 1.8 5.5



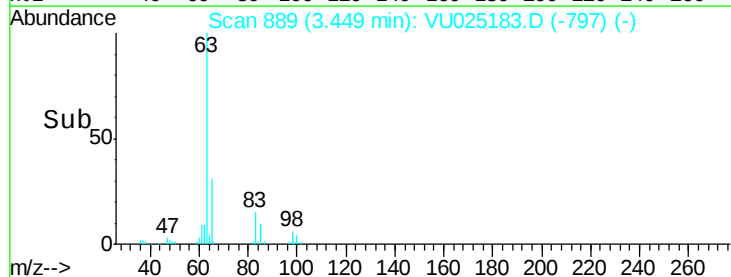
Abundance Ion 62.90 (62.60 to 63.60): VU0

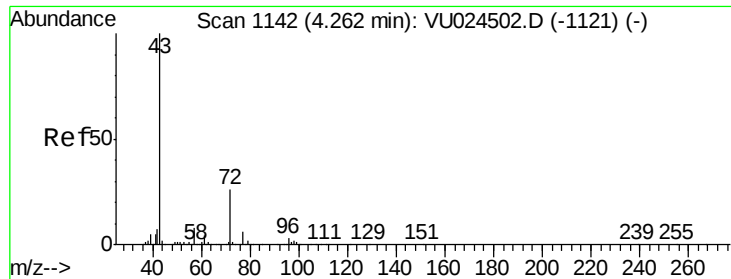
Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->

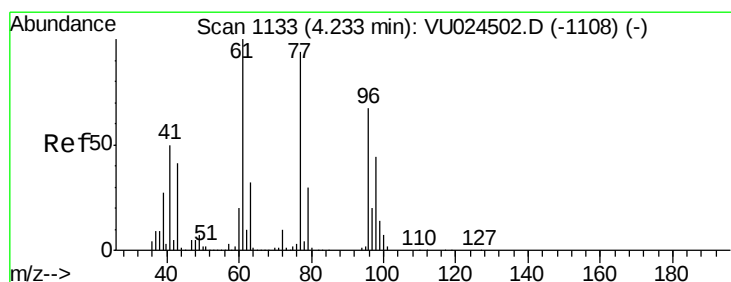
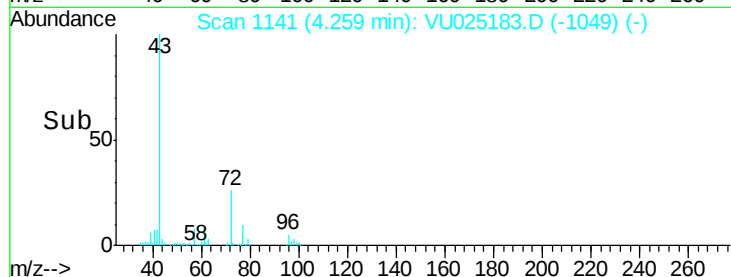
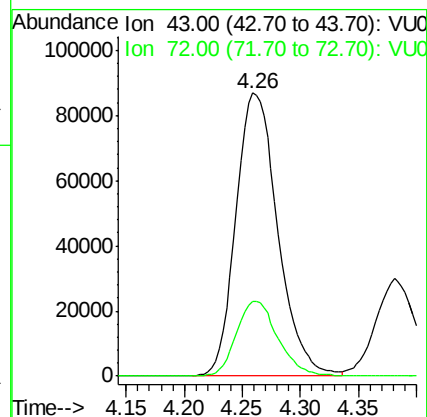
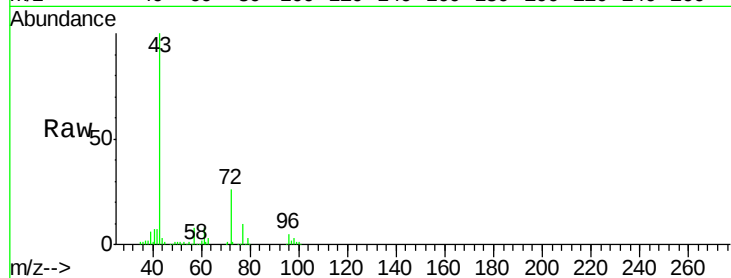




#25
2-Butanone
Concen: 107.644 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

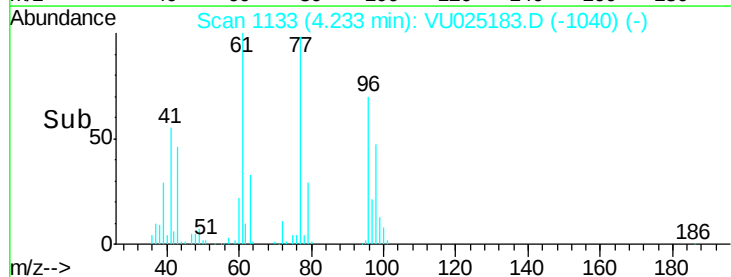
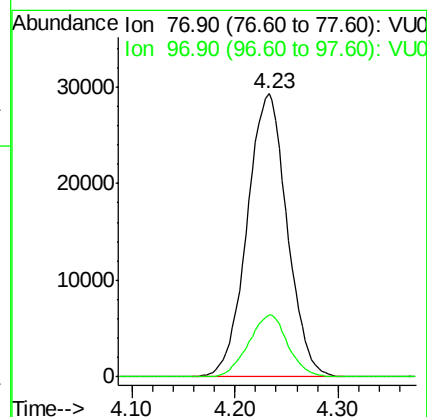
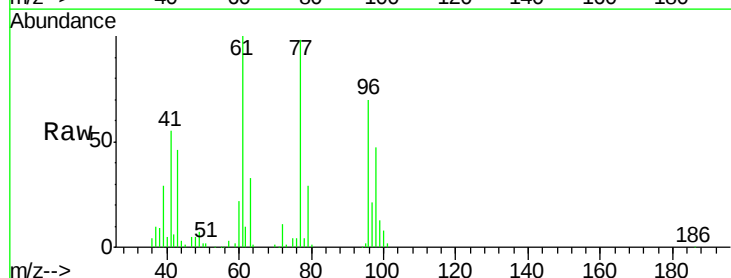
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

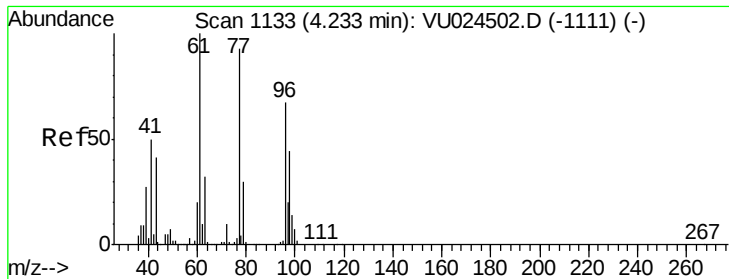
Tot Ion: 43 Resp: 217193
Ion Ratio Lower Upper
43 100
72 26.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 20.057 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 77 Resp: 78633
Ion Ratio Lower Upper
77 100
97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.243 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

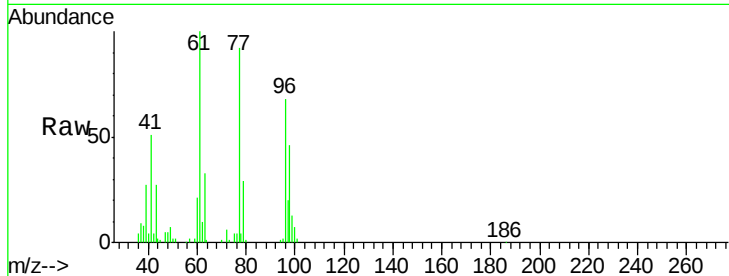
Tot Ion: 96 Resp: 52451

Ion Ratio Lower Upper

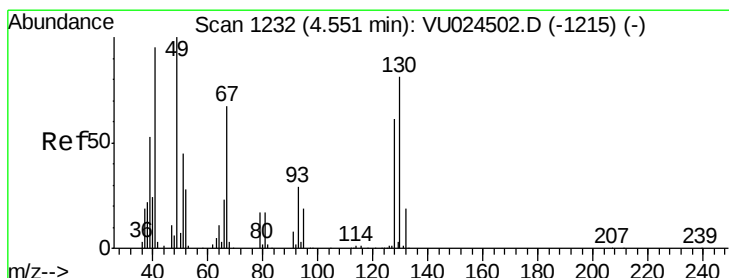
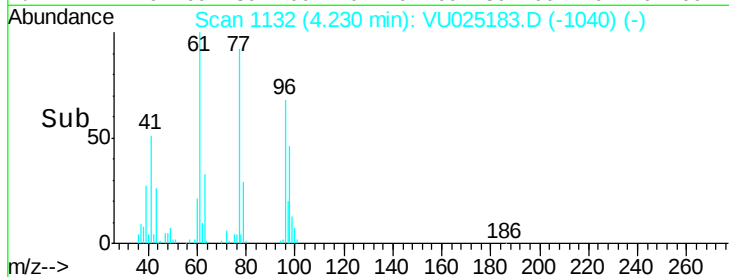
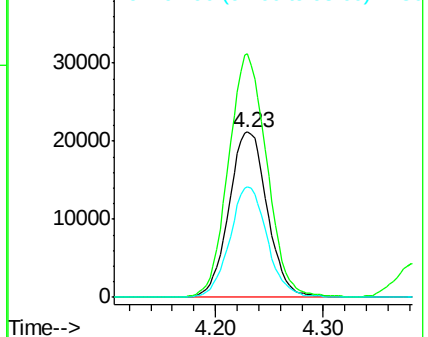
96 100

61 147.3 0.0 306.6

98 65.0 0.0 128.8



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



#28

Bromochloromethane

Concen: 19.140 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

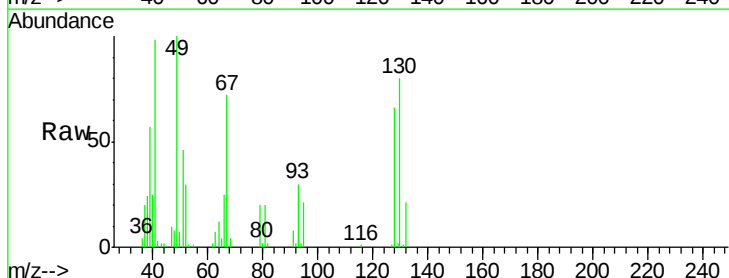
Tgt Ion: 49 Resp: 34807

Ion Ratio Lower Upper

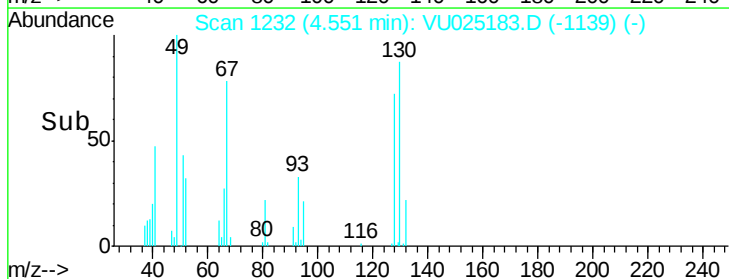
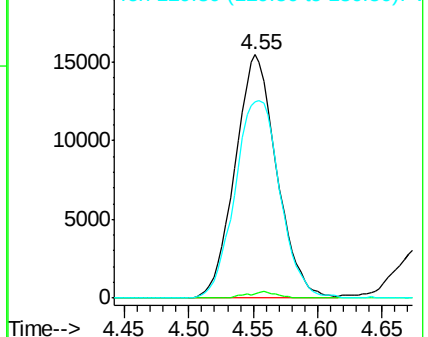
49 100

129 1.9 0.0 3.8

130 87.9 57.8 86.6#



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 103.761 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

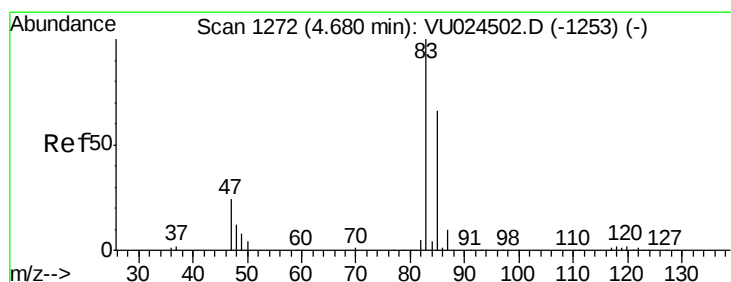
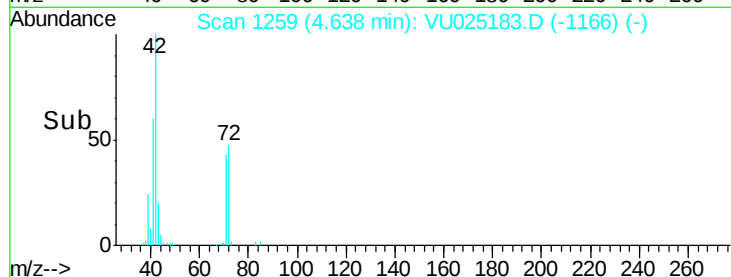
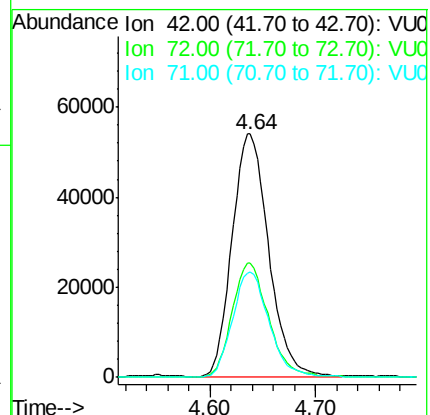
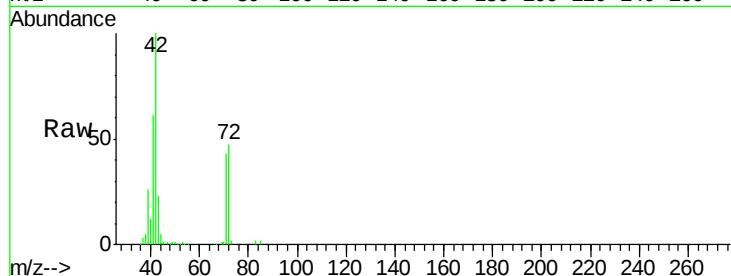
Tot Ion: 42 Resp: 129648

Ion Ratio Lower Upper

42 100

72 47.2 34.5 51.7

71 43.2 32.2 48.4



#30

Chloroform

Concen: 21.398 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025183.D

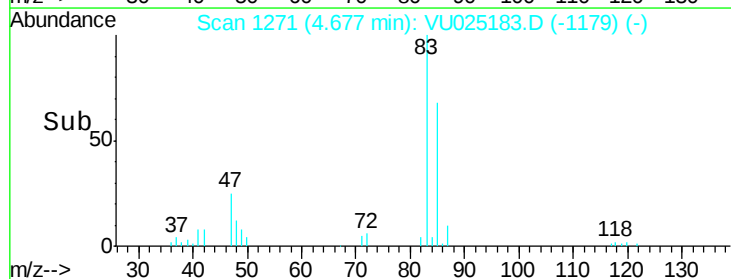
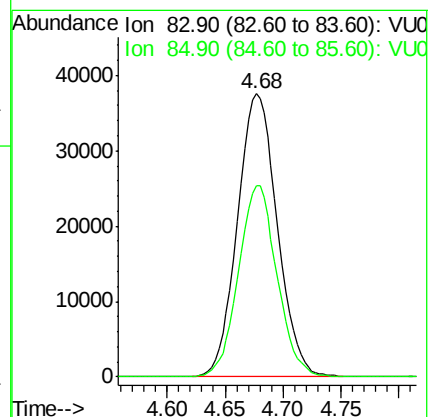
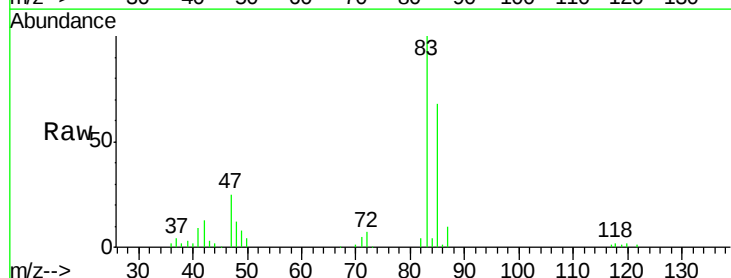
Acq: 03 Jul 2018 11:37

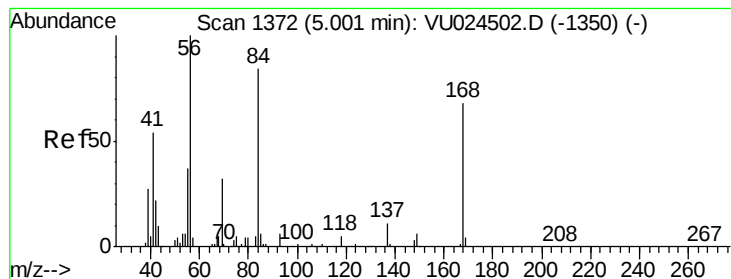
Tgt Ion: 83 Resp: 89421

Ion Ratio Lower Upper

83 100

85 67.6 52.4 78.6





#31

Cyclohexane

Concen: 19.951 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampled :

VU0703WBS01

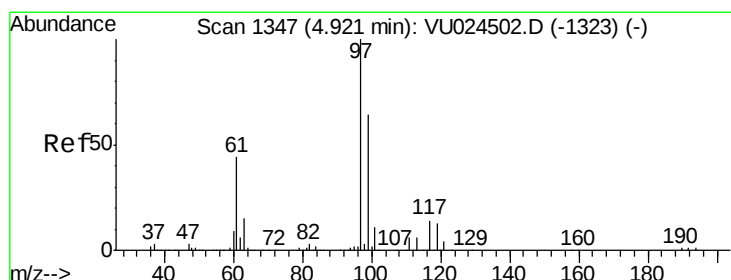
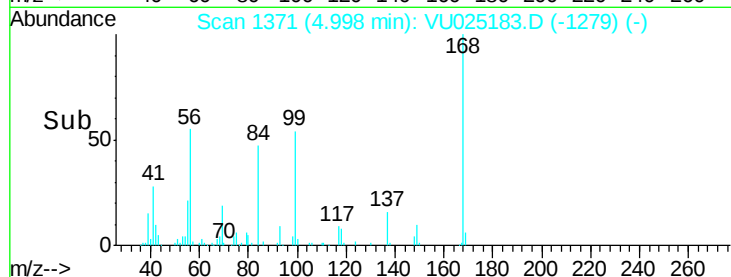
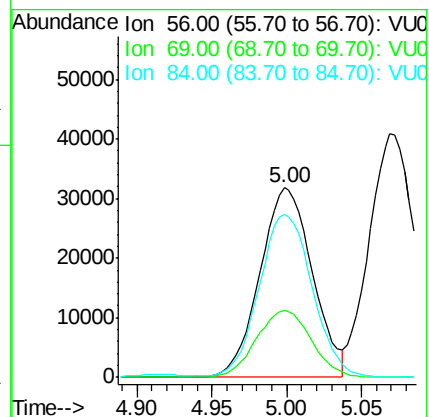
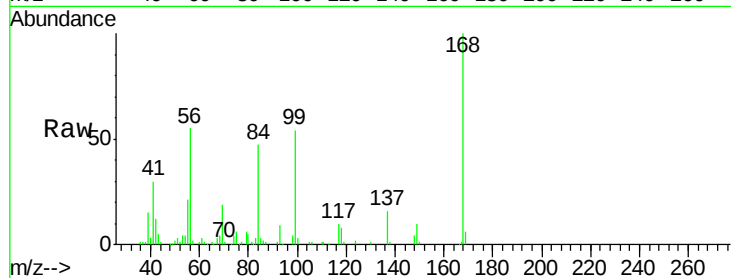
Tot Ion: 56 Resp: 77500

Ion Ratio Lower Upper

56 100

69 35.2 24.8 37.2

84 84.7 65.2 97.8



#32

1,1,1-Trichloroethane

Concen: 20.956 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

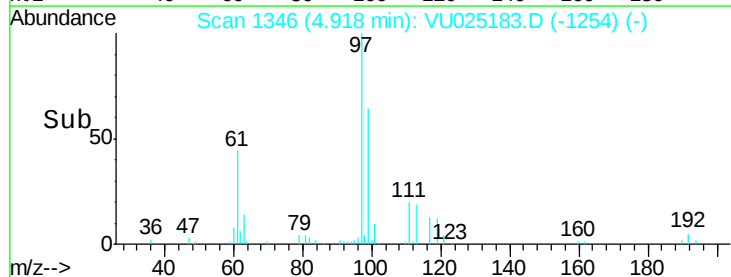
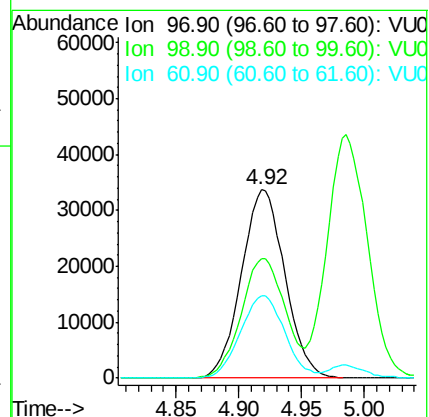
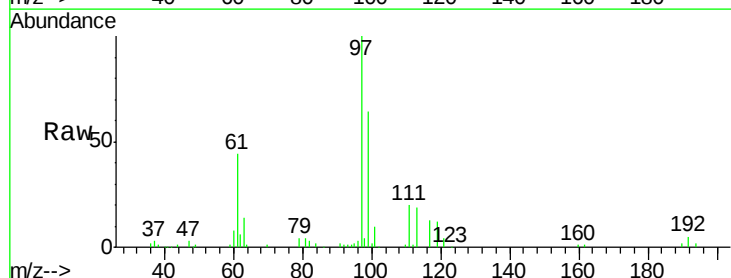
Tgt Ion: 97 Resp: 80982

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

61 44.4 39.4 59.0

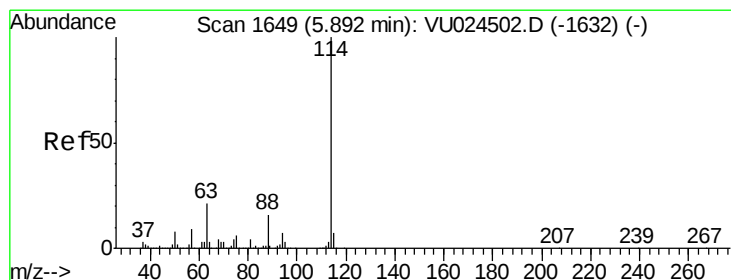
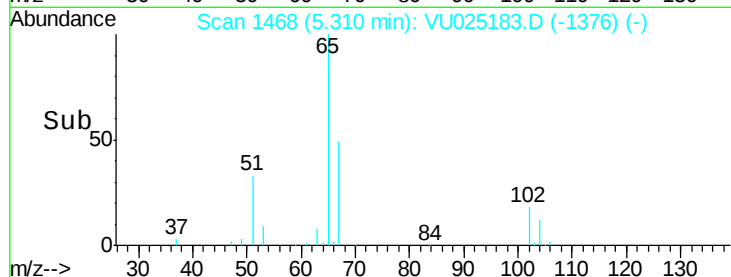
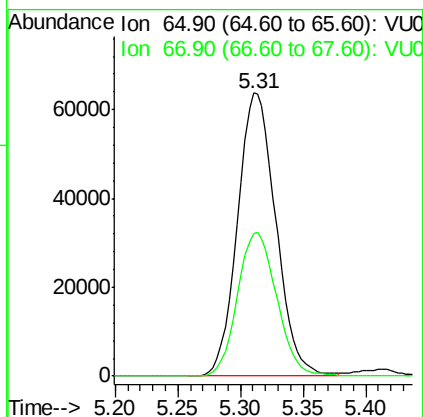
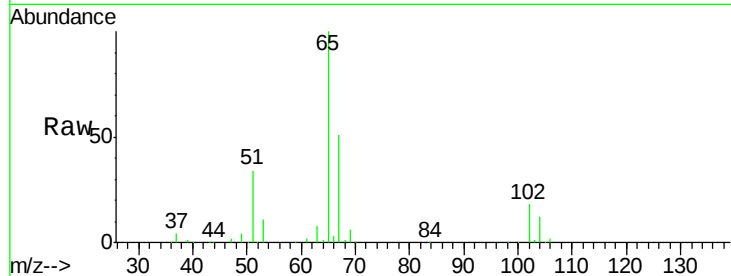




#33
 1,2-Dichloroethane-d4
 Concen: 48.421 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

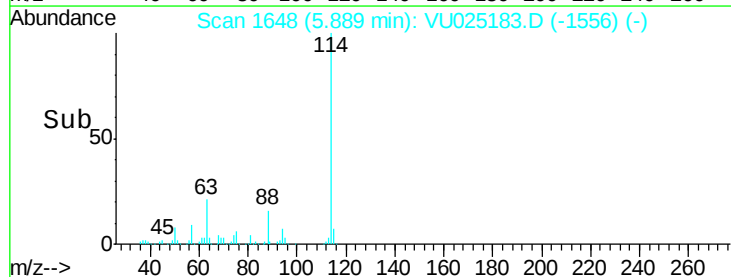
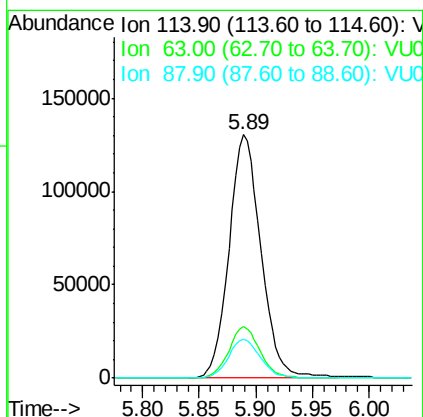
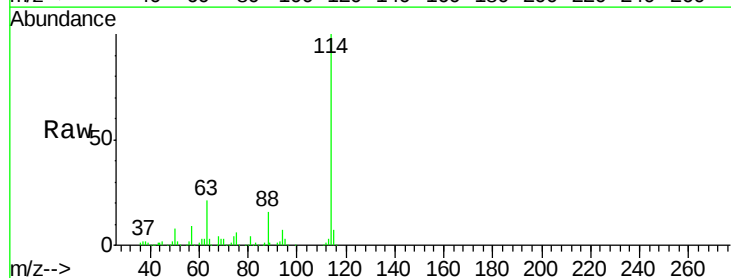
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion: 65 Resp: 135371
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 114 Resp: 255915
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.4
 88 16.0 0.0 31.0

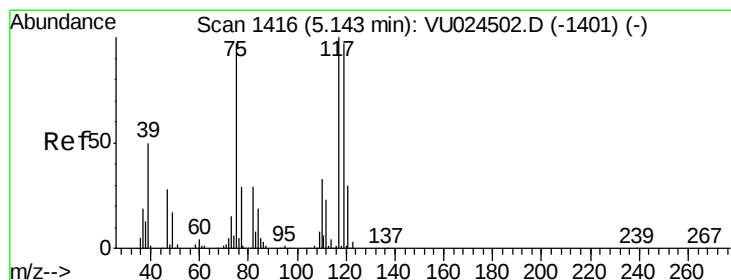
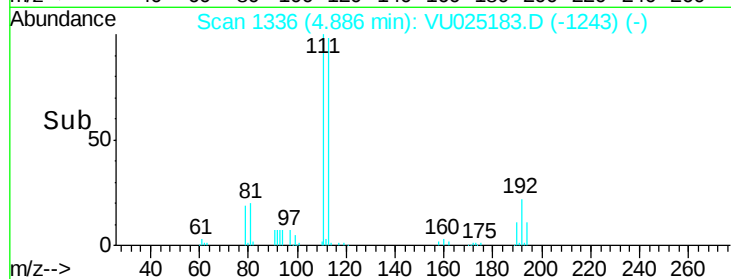
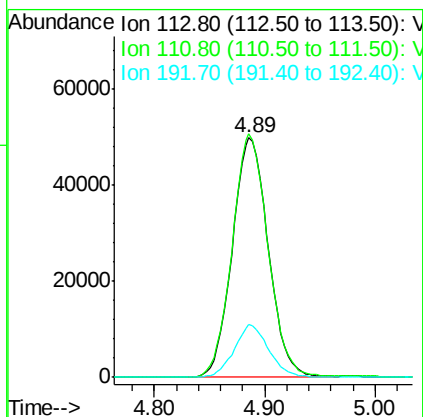
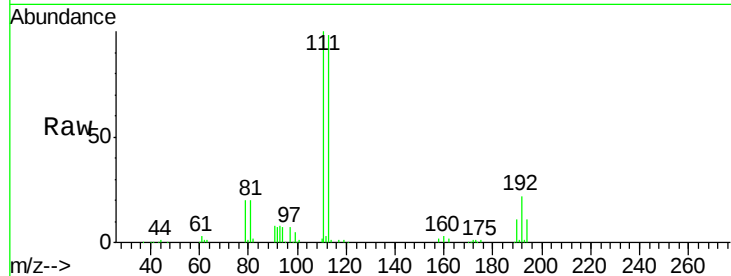




#35
 Dibromofluoromethane
 Concen: 52.928 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

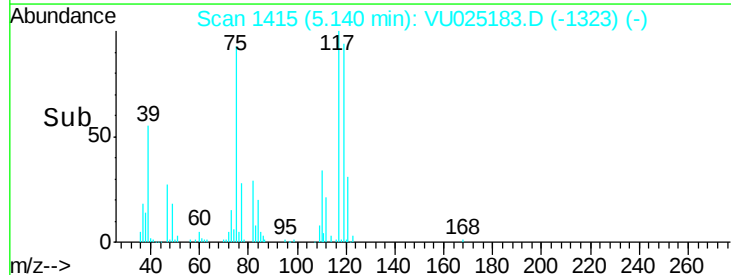
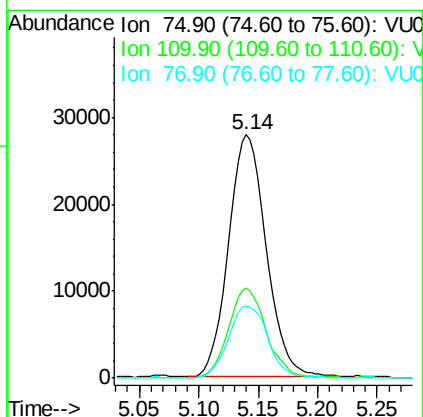
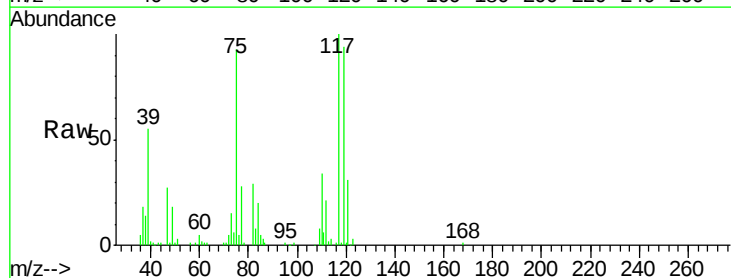
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

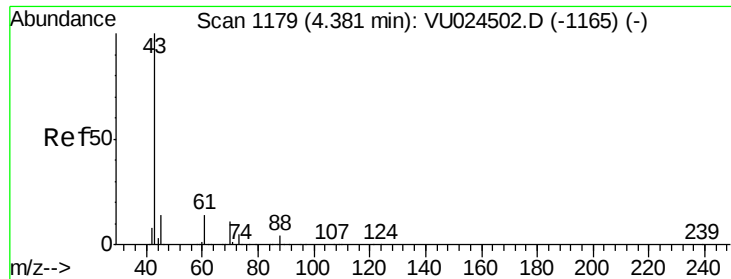
Tot Ion:113 Resp: 112414
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 21.1 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 20.328 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion: 75 Resp: 61131
 Ion Ratio Lower Upper
 75 100
 110 37.1 17.0 50.9
 77 31.3 24.2 36.4

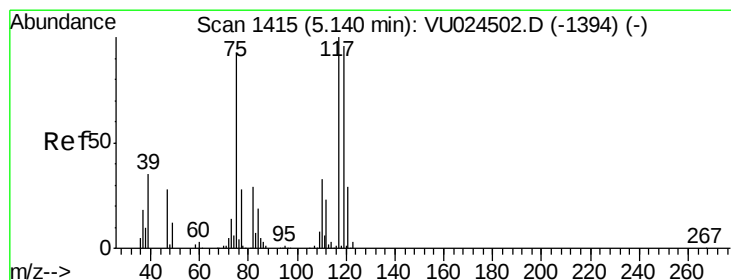
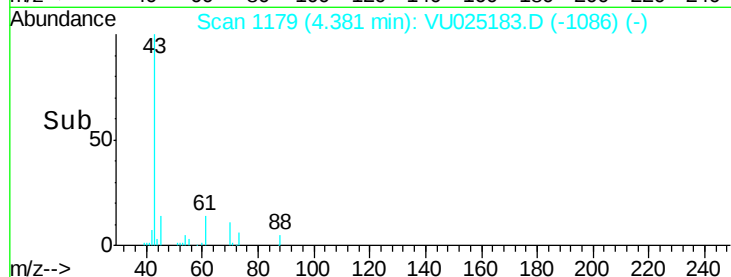
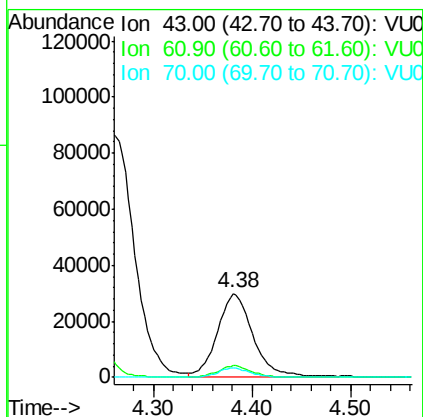
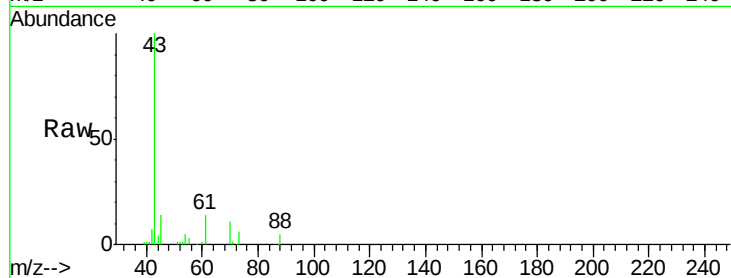




#37
Ethyl Acetate
Concen: 22.435 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

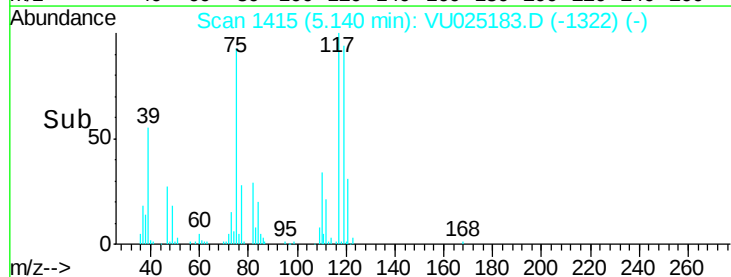
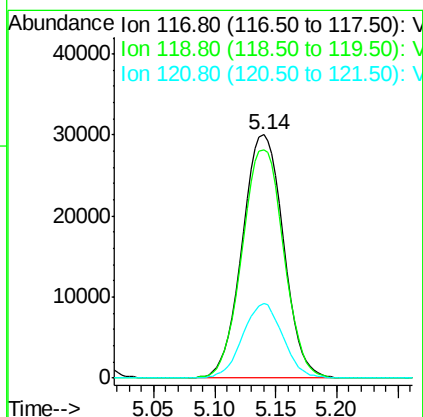
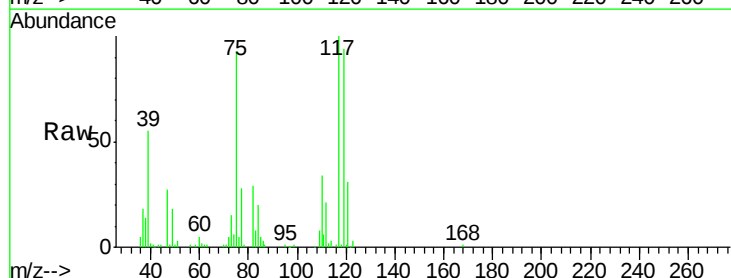
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion: 43 Resp: 73535
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 10.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 21.245 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 117 Resp: 70256
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
121 30.7 23.7 35.5

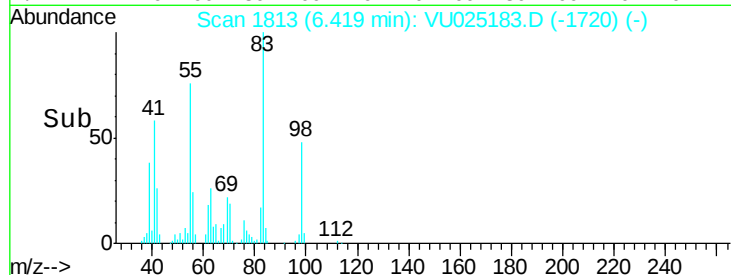
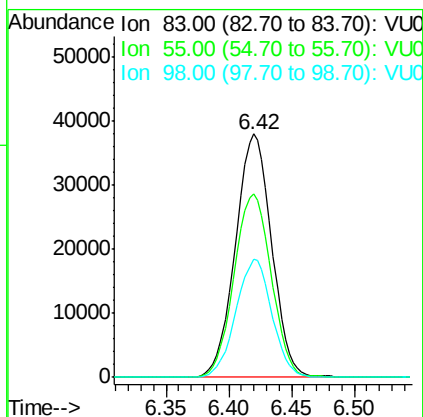
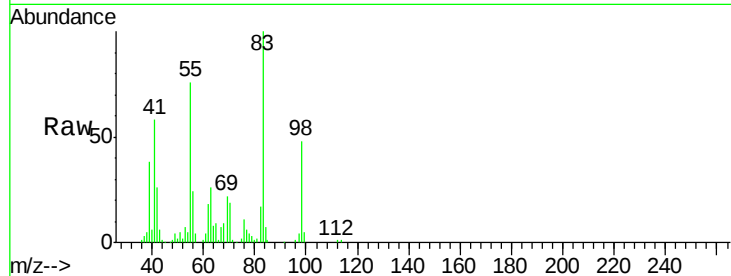




#39
Methvlcvclohexane
Concen: 20.329 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

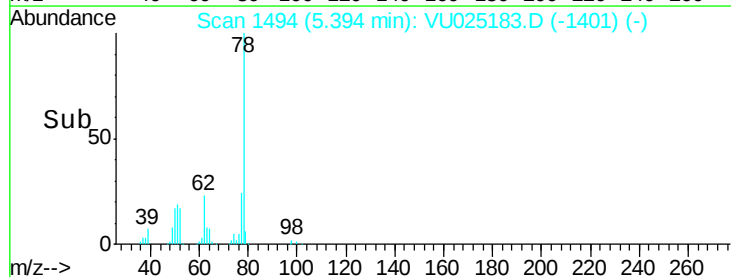
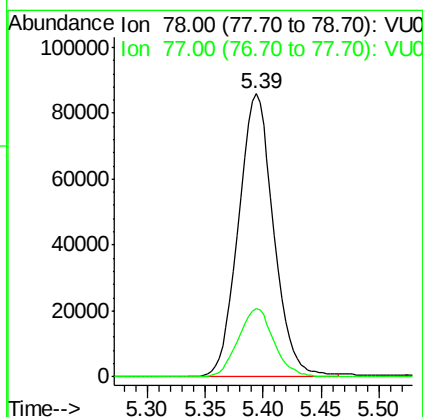
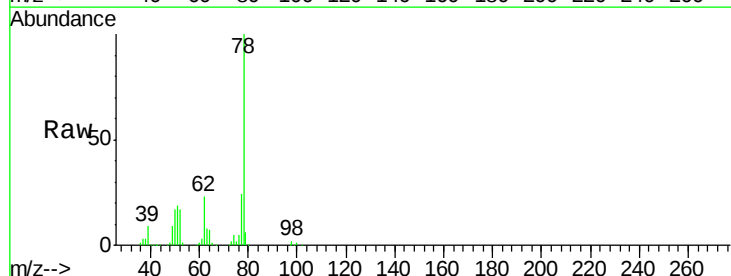
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion: 83 Resp: 76289
Ion Ratio Lower Upper
83 100
55 75.5 65.8 98.6
98 48.3 36.7 55.1



#40
Benzene
Concen: 21.208 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 78 Resp: 181726
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

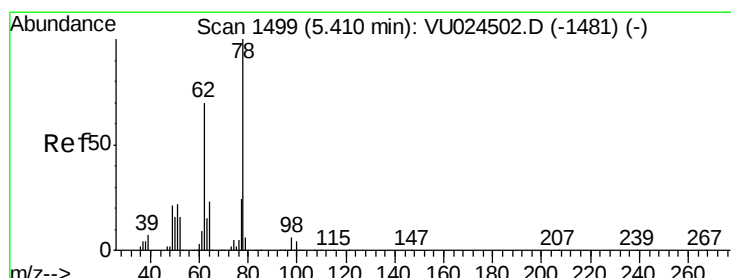
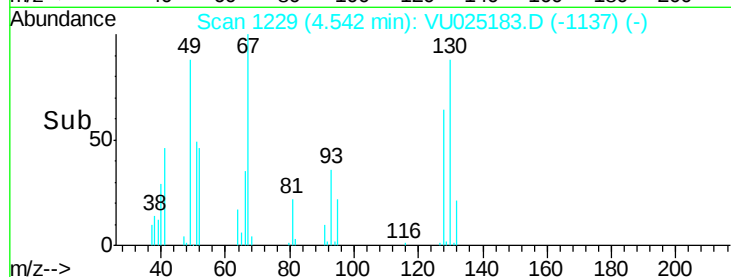
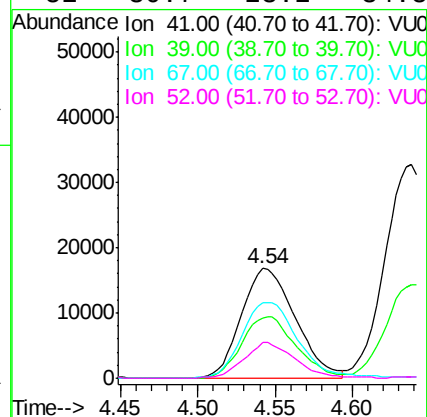
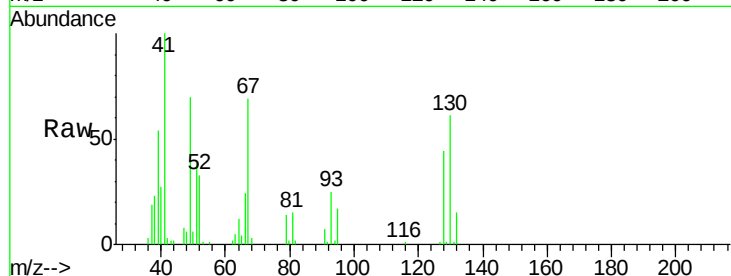




#41
Methacrylonitrile
Concen: 23.213 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

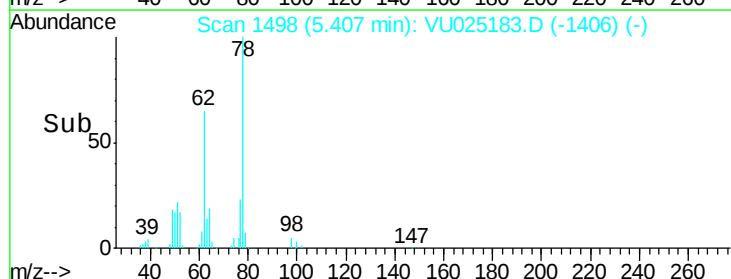
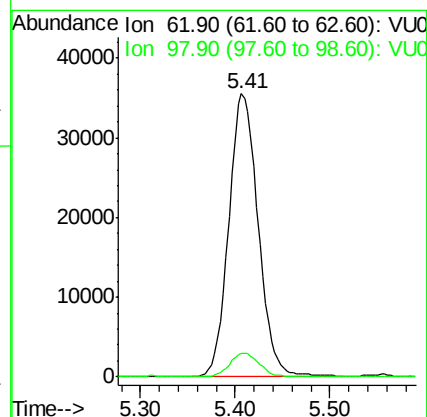
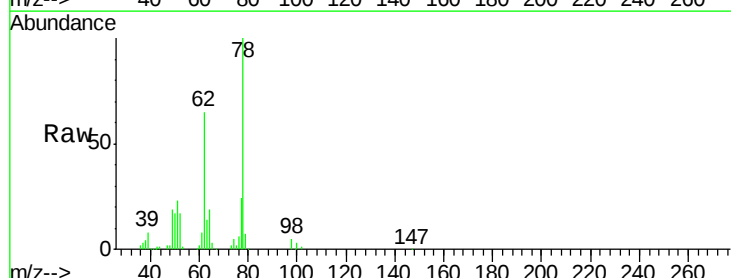
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion:	41	Resp:	41021
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.8	65.6
67	72.2	56.3	84.5
52	30.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 23.549 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:	62	Resp:	76854
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6

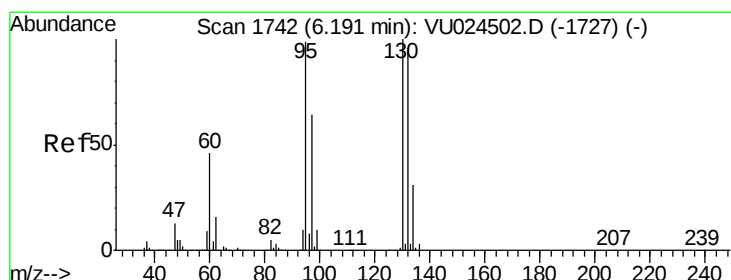
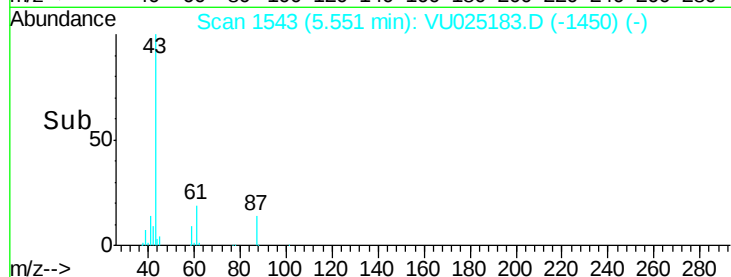
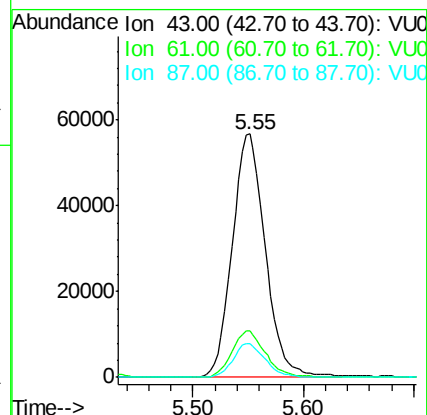
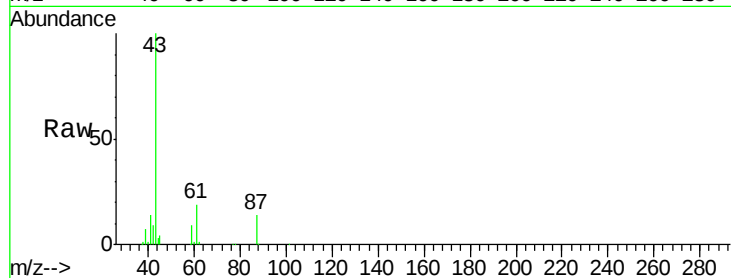




#43
Isopropyl Acetate
Concen: 20.783 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

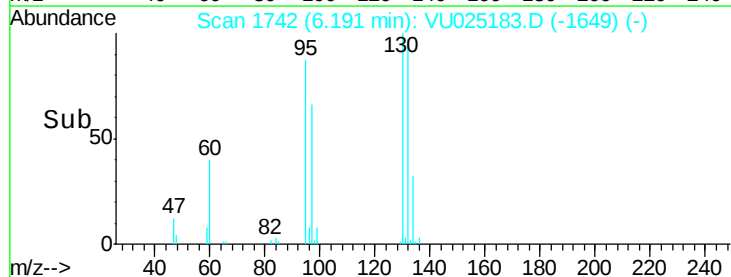
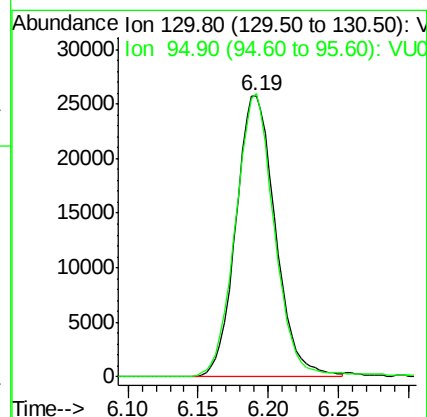
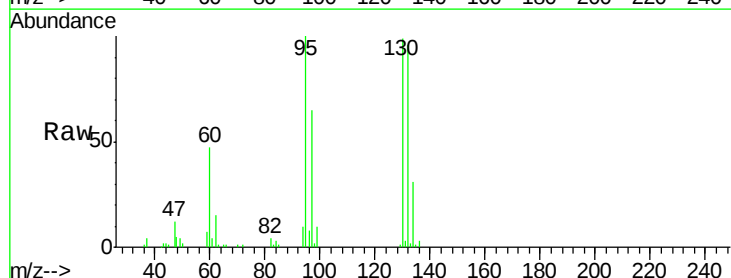
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion: 43 Resp: 117746
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.4 10.0 15.0



#44
Trichloroethene
Concen: 20.746 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 130 Resp: 50593
Ion Ratio Lower Upper
130 100
95 100.7 0.0 202.4





#45

1,2-Dichloropropane

Concen: 21.578 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

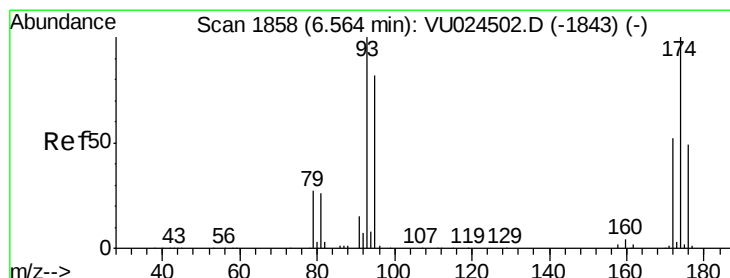
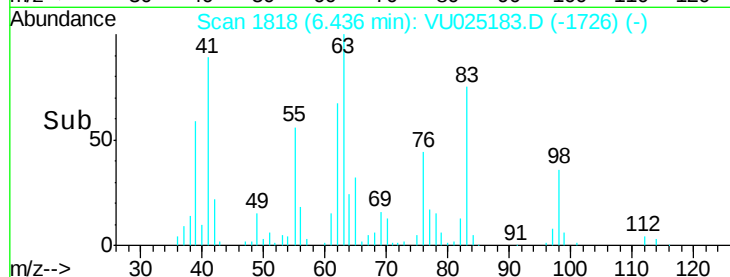
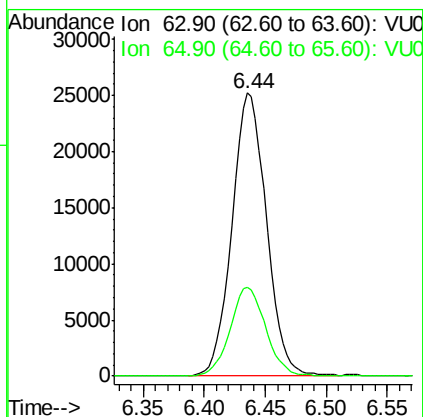
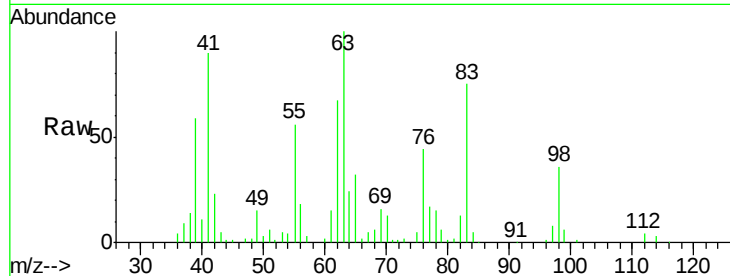
VU0703WBS01

Tot Ion: 63 Resp: 49336

Ion Ratio Lower Upper

63 100

65 31.5 24.8 37.2



#46

Dibromomethane

Concen: 22.246 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

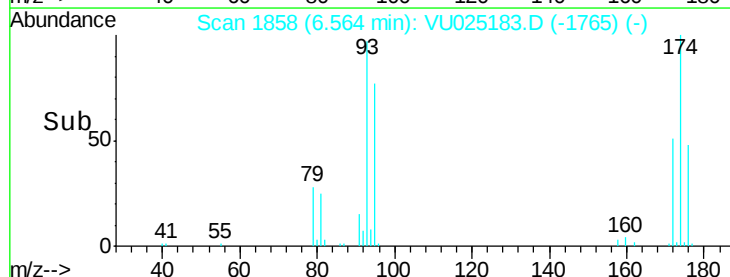
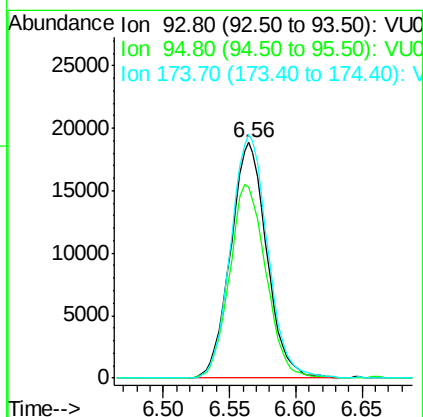
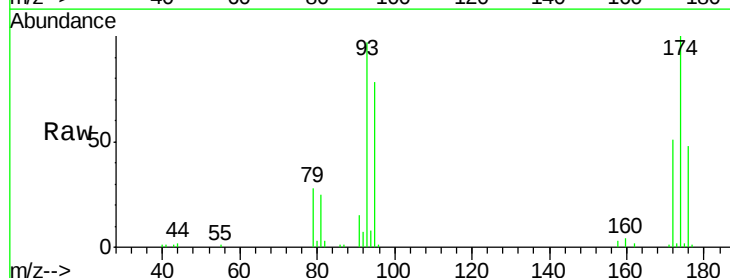
Tgt Ion: 93 Resp: 35727

Ion Ratio Lower Upper

93 100

95 82.6 65.5 98.3

174 104.9 78.7 118.1





#47

Bromodichloromethane

Concen: 20.946 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

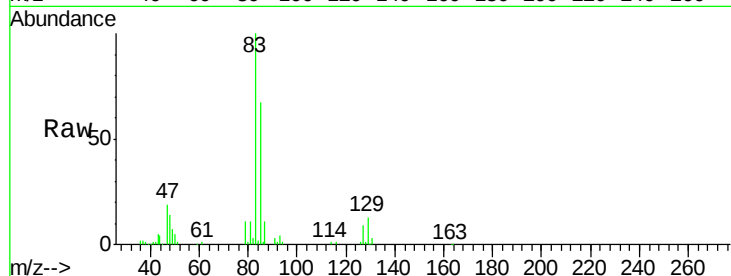
Tot Ion: 83 Resp: 66986

Ion Ratio Lower Upper

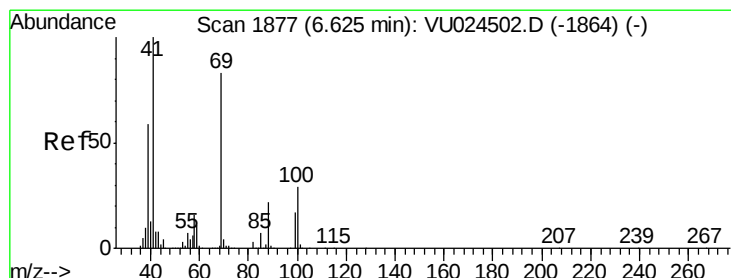
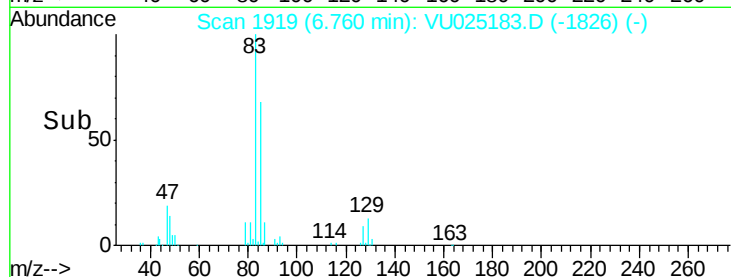
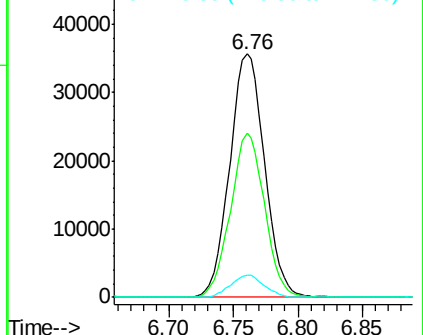
83 100

85 67.3 51.9 77.9

127 9.0 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: 22.041 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

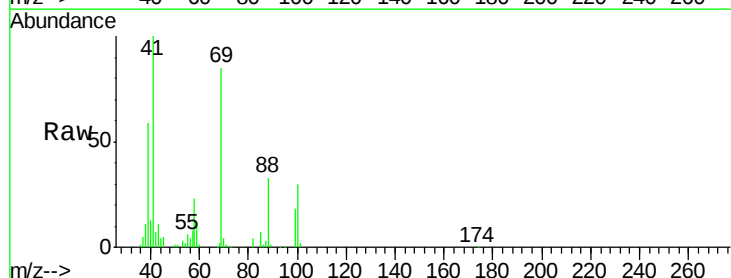
Tgt Ion: 41 Resp: 60807

Ion Ratio Lower Upper

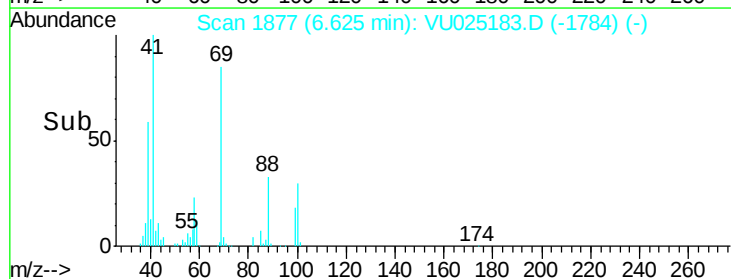
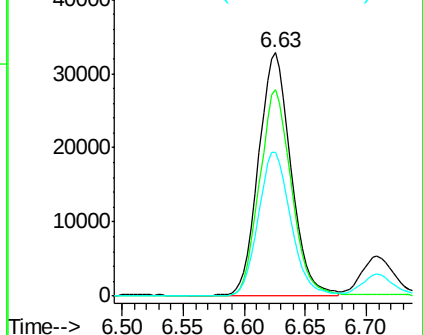
41 100

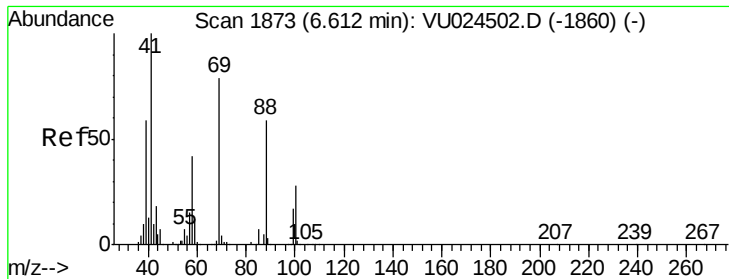
69 83.5 67.3 100.9

39 59.1 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: 541.729 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

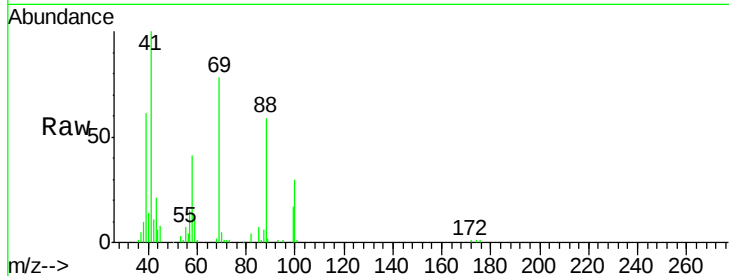
Tot Ion: 88 Resp: 29227

Ion Ratio Lower Upper

88 100

43 32.4 28.6 42.8

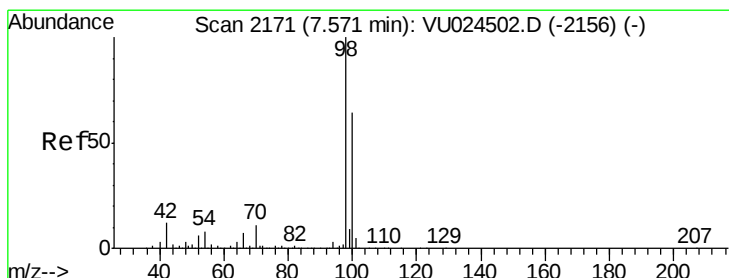
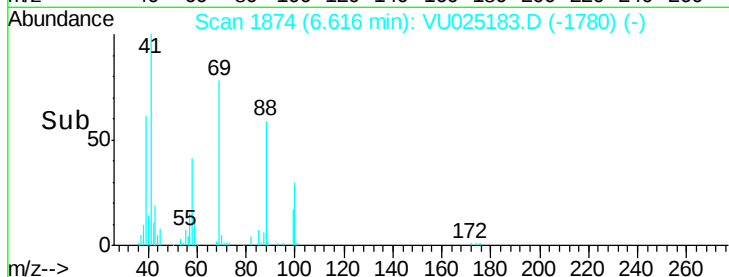
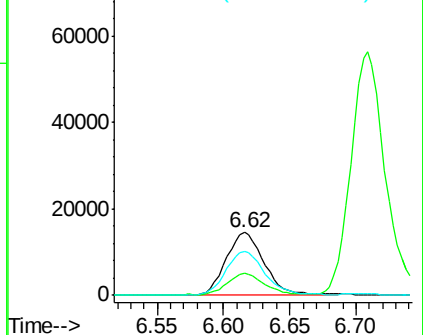
58 71.0 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#50

Toluene-d8

Concen: 45.061 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025183.D

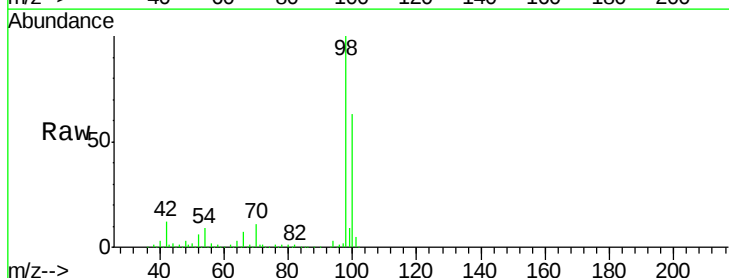
Acq: 03 Jul 2018 11:37

Tgt Ion: 98 Resp: 349093

Ion Ratio Lower Upper

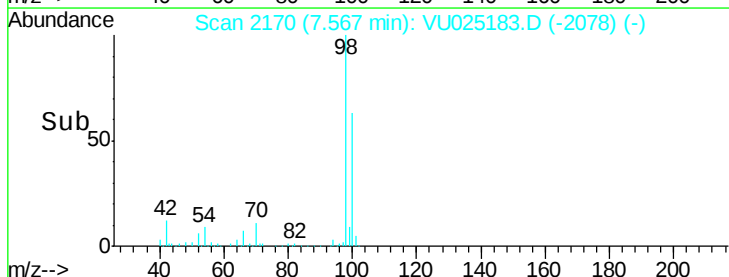
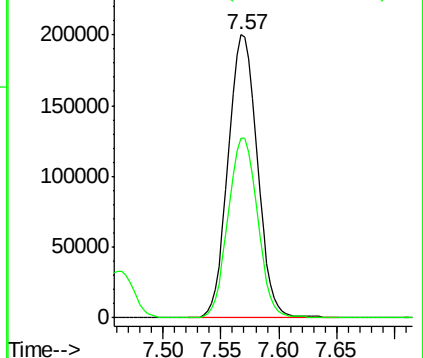
98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 109.495 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

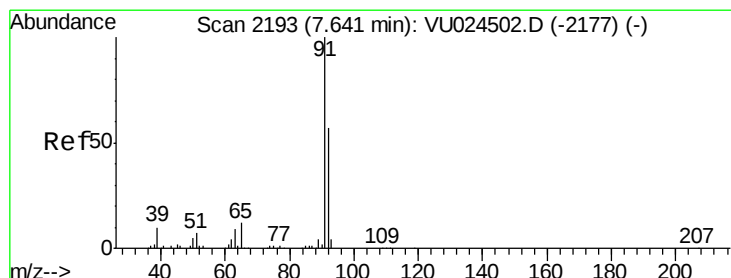
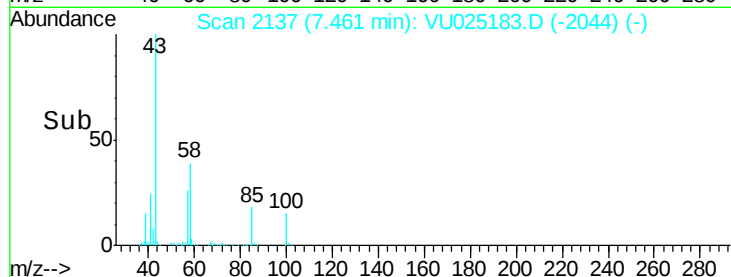
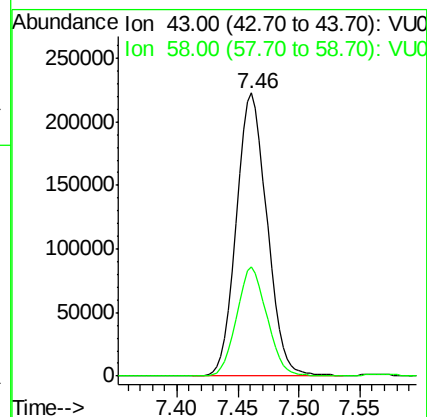
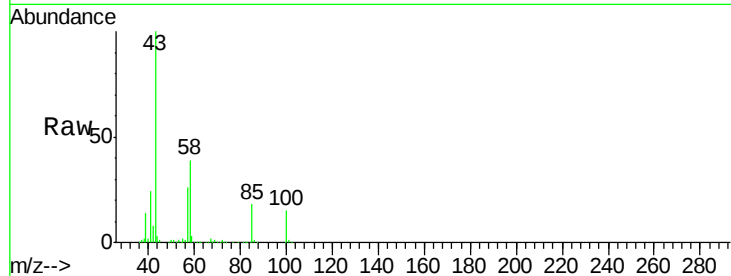
VU0703WBS01

Tot Ion: 43 Resp: 389734

Ion Ratio Lower Upper

43 100

58 38.2 30.0 45.0



#52

Toluene

Concen: 21.253 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025183.D

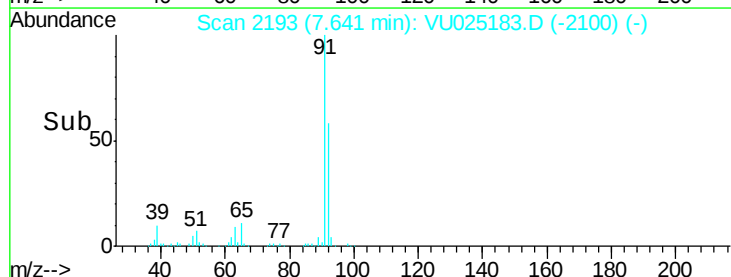
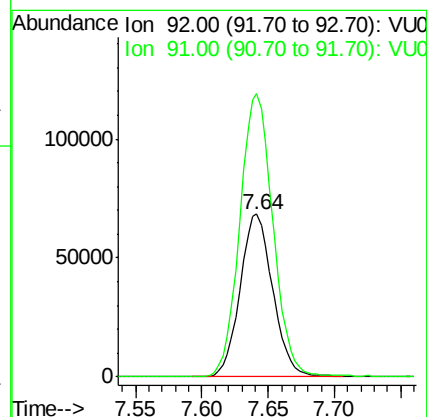
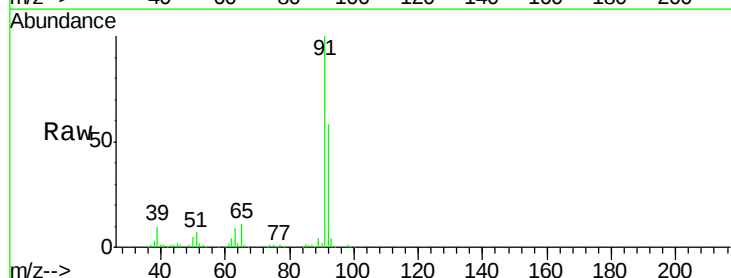
Acq: 03 Jul 2018 11:37

Tgt Ion: 92 Resp: 117166

Ion Ratio Lower Upper

92 100

91 176.7 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 20.197 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

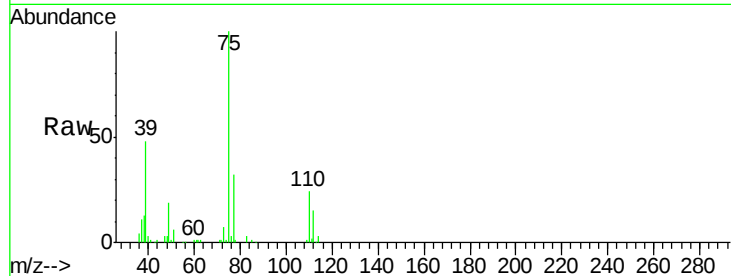
VU0703WBS01

Tot Ion: 75 Resp: 72533

Ion Ratio Lower Upper

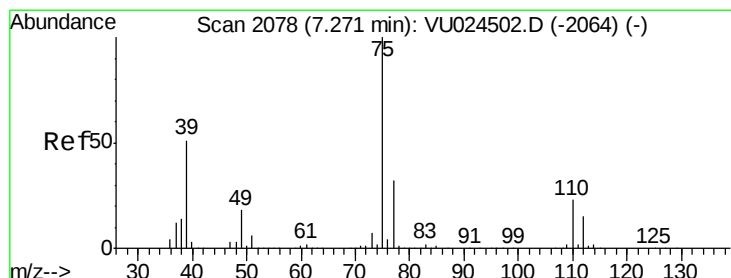
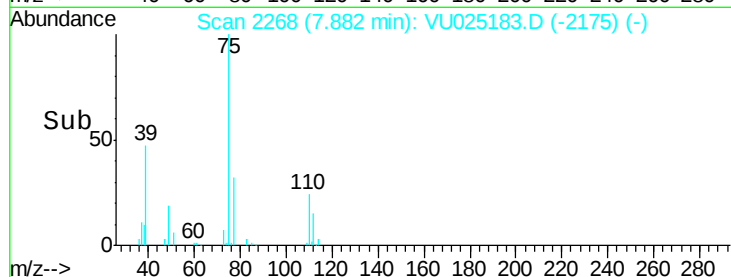
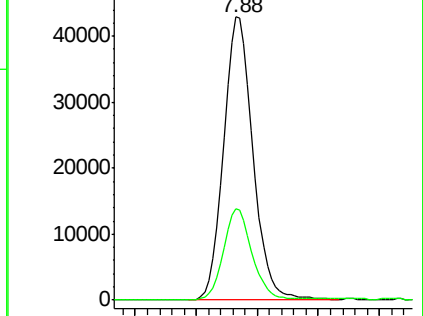
75 100

77 32.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 19.963 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

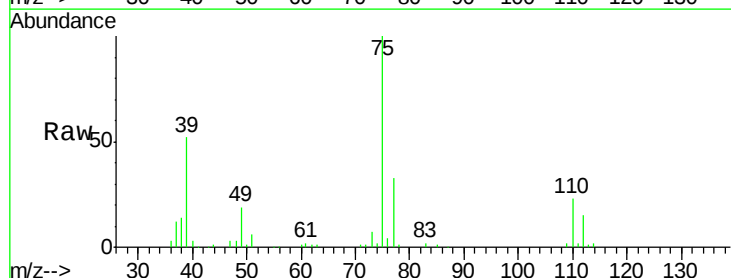
Tgt Ion: 75 Resp: 76393

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

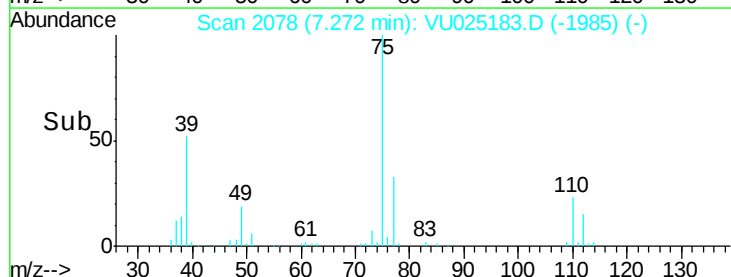
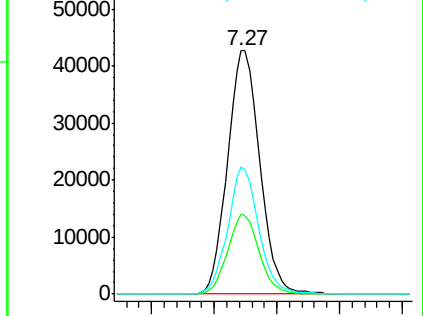
39 52.3 39.8 59.6

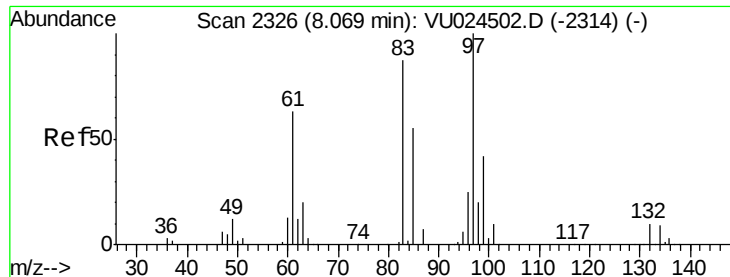


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

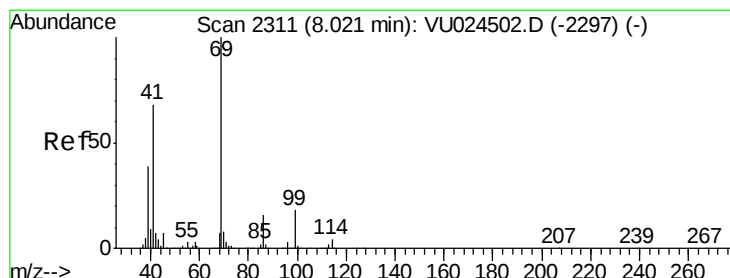
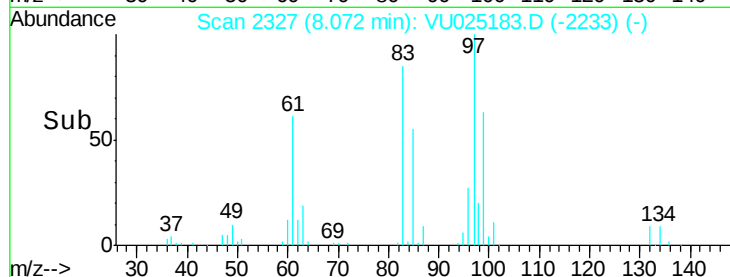
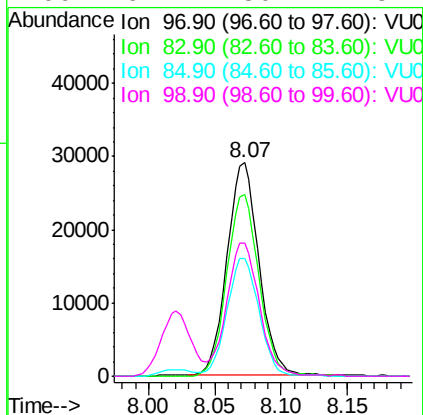
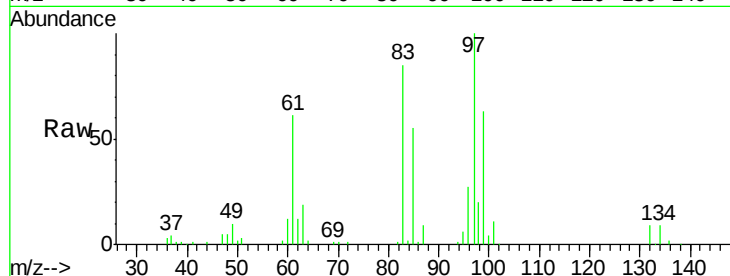




#55
 1,1,2-Trichloroethane
 Concen: 21.787 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

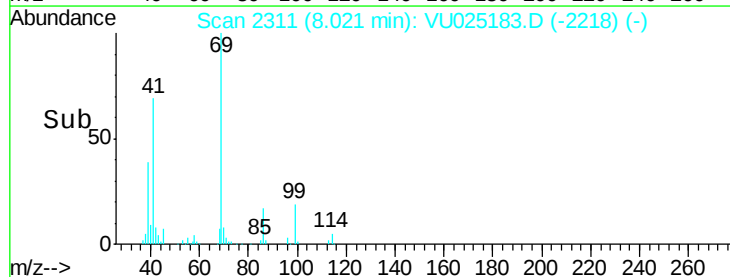
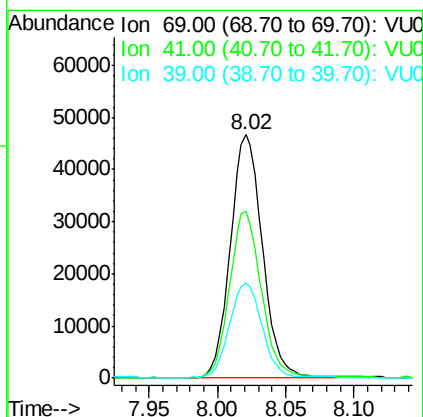
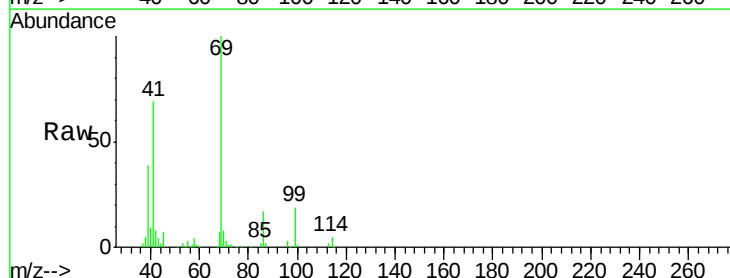
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

Tot Ion:	97	Resp:	48824
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.5	105.7
85	55.5	46.4	69.6
99	62.4	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.375 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion:	69	Resp:	76421
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.1	81.1
39	40.5	30.3	45.5





#57

1,3-Dichloropropane

Concen: 21.822 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

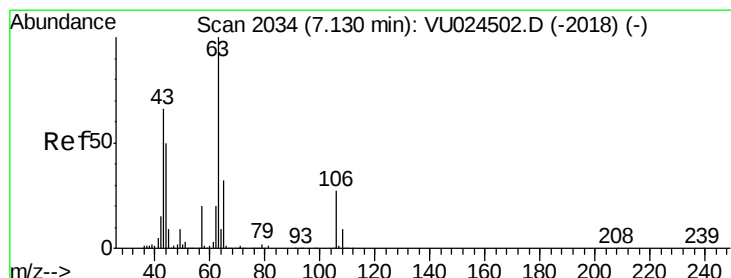
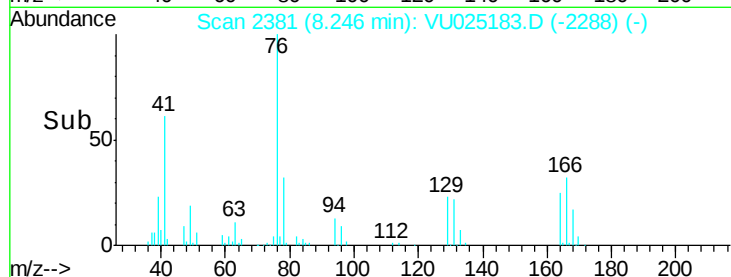
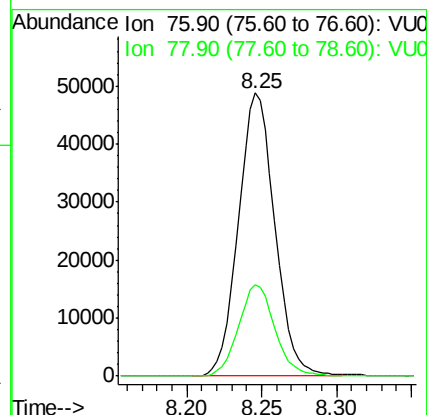
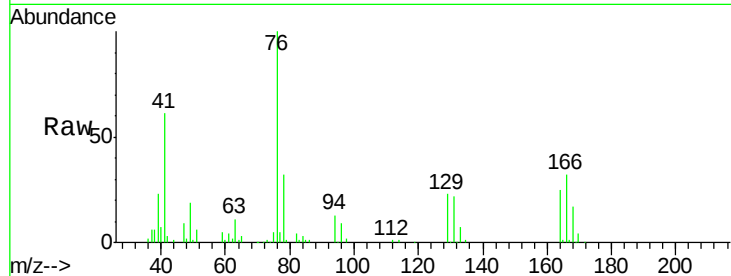
VU0703WBS01

Tot Ion: 76 Resp: 82493

Ion Ratio Lower Upper

76 100

78 32.3 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.769 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025183.D

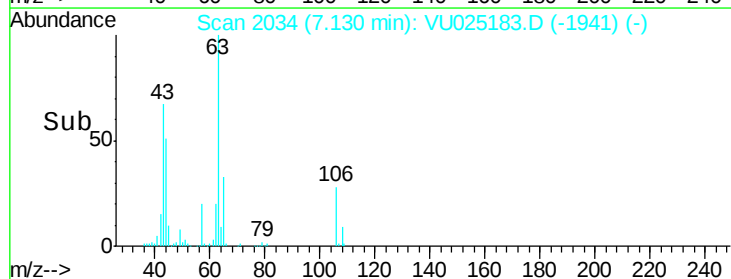
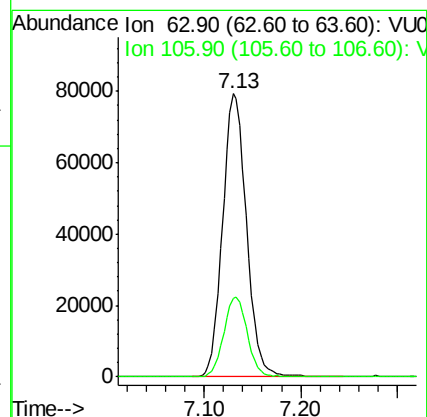
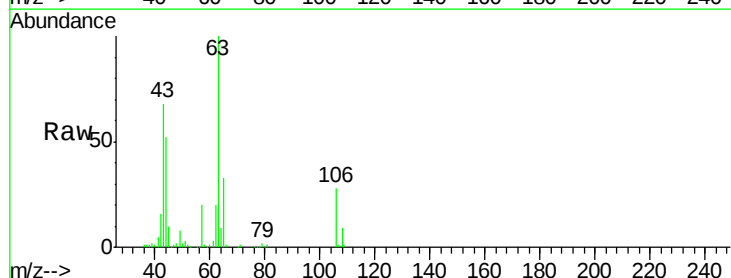
Acq: 03 Jul 2018 11:37

Tgt Ion: 63 Resp: 136177

Ion Ratio Lower Upper

63 100

106 27.7 20.2 30.2

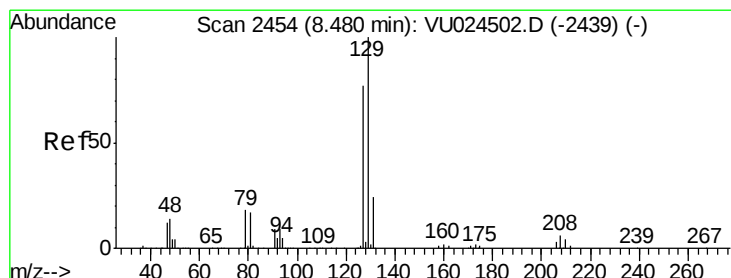
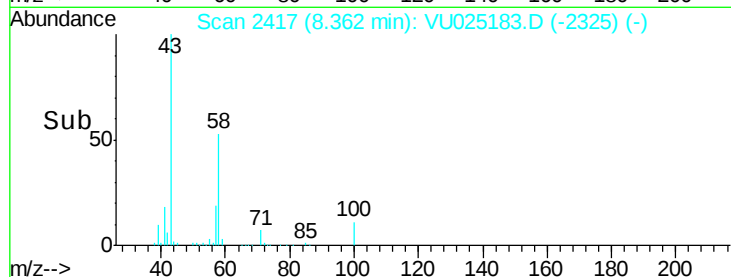
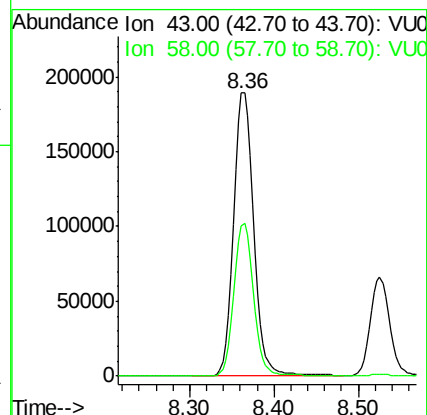
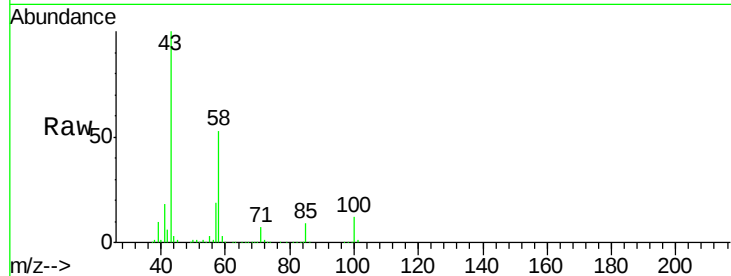




#59
2-Hexanone
Concen: 108.237 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

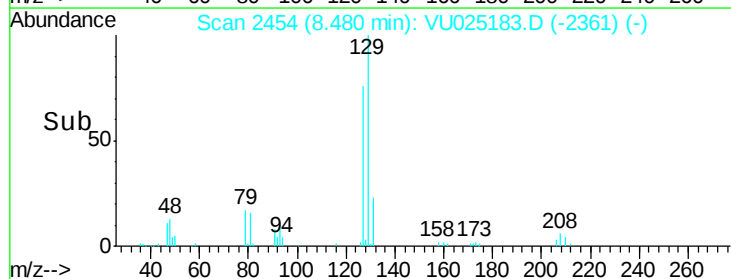
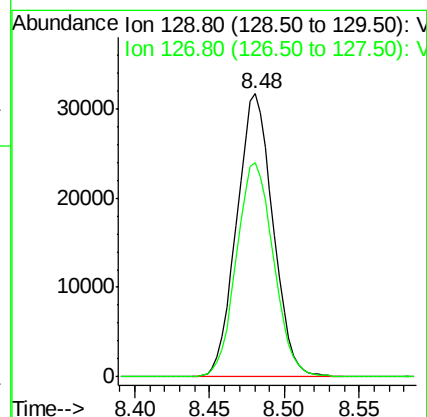
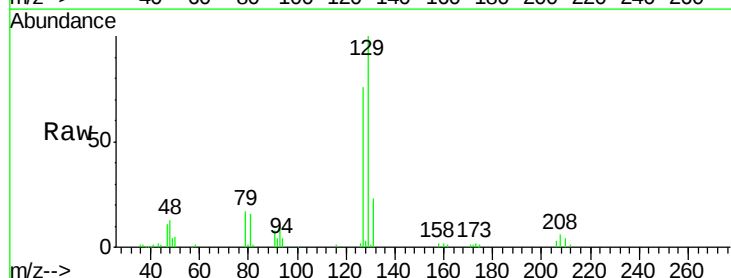
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion: 43 Resp: 314525
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 19.122 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:129 Resp: 53436
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.728 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

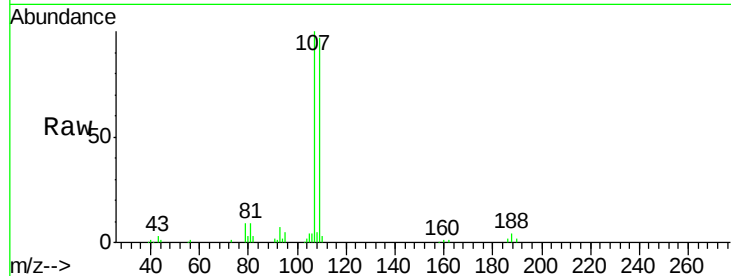
VU0703WBS01

Tot Ion:107 Resp: 54195

Ion Ratio Lower Upper

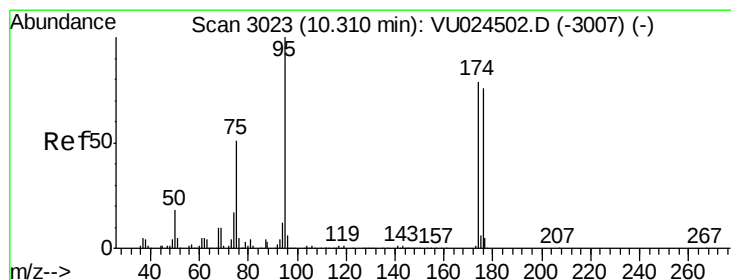
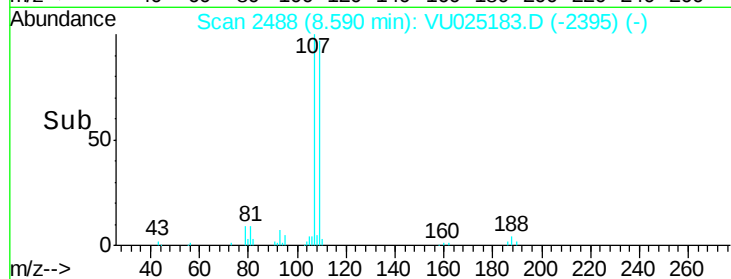
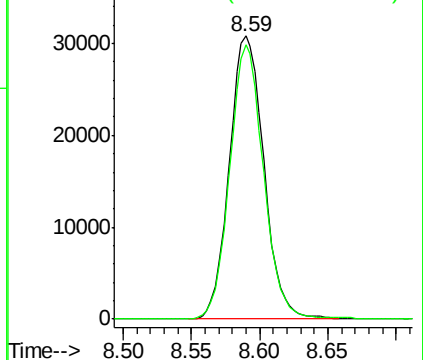
107 100

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: 48.742 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

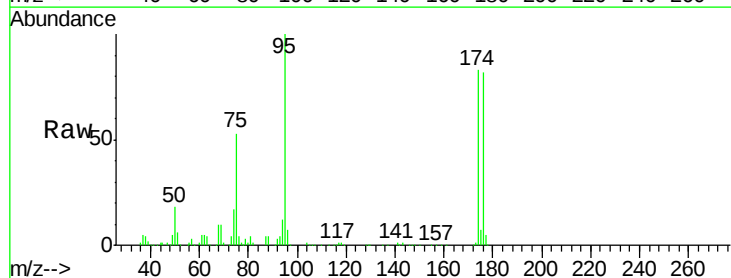
Tgt Ion: 95 Resp: 149926

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

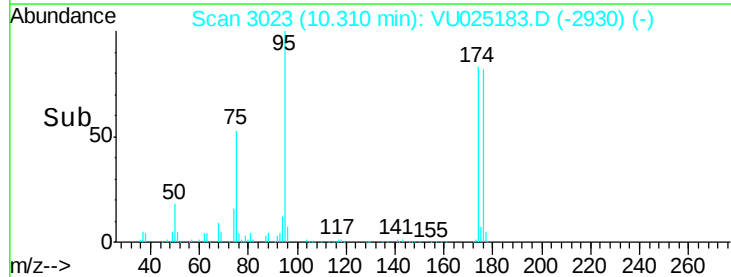
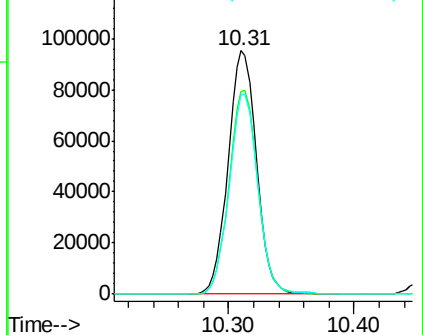
176 82.8 0.0 159.4



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

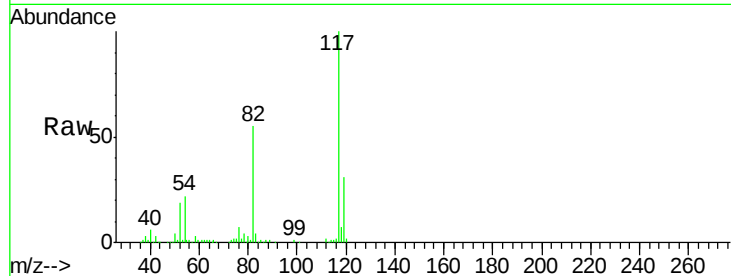




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	31.0	25.4	38.2

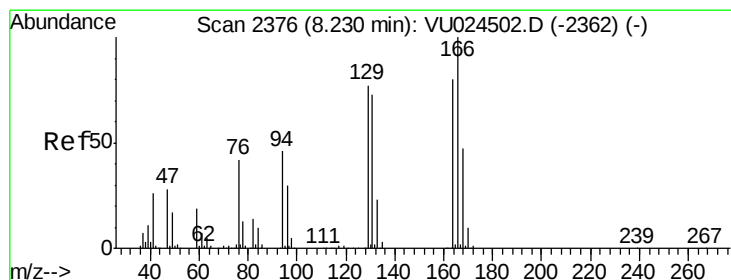
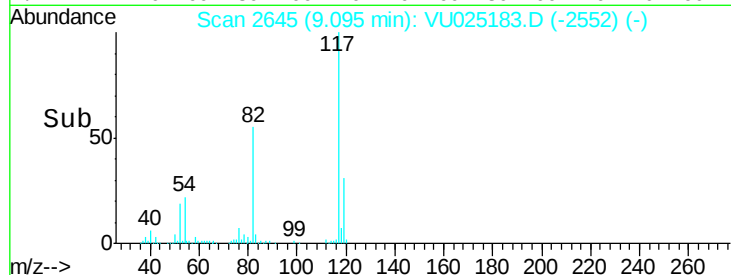
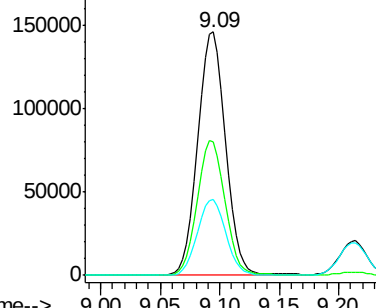


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.628 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	101.7	152.5
129	94.7	76.9	115.3
131	95.0	74.9	112.3

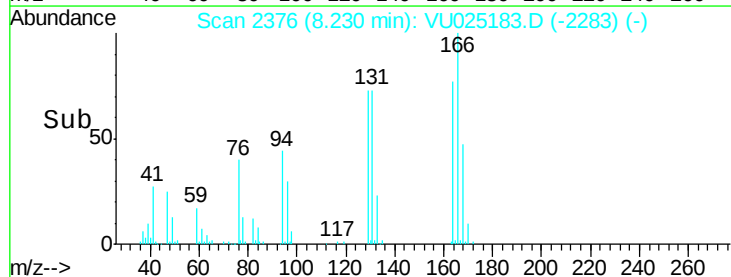
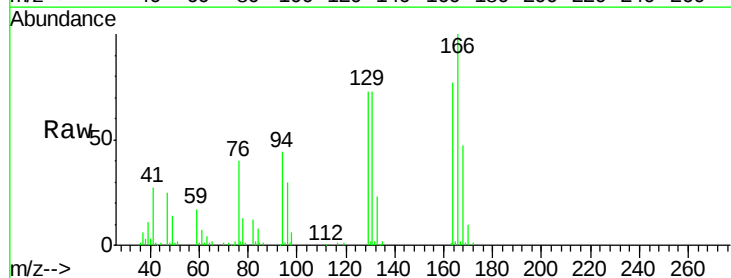
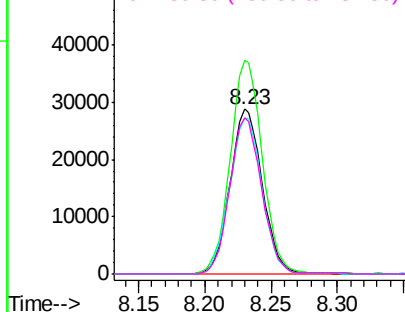
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

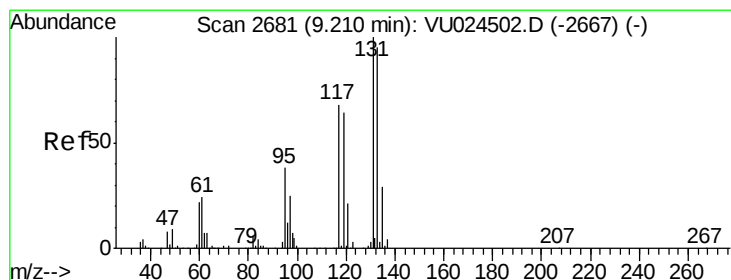
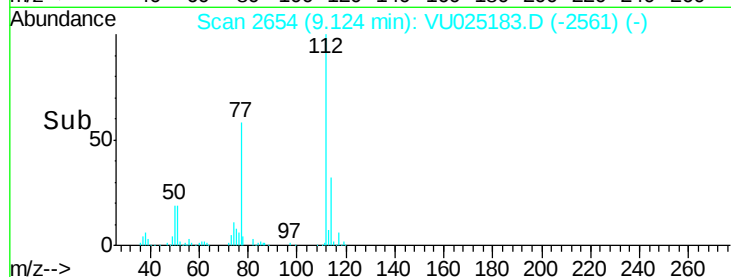
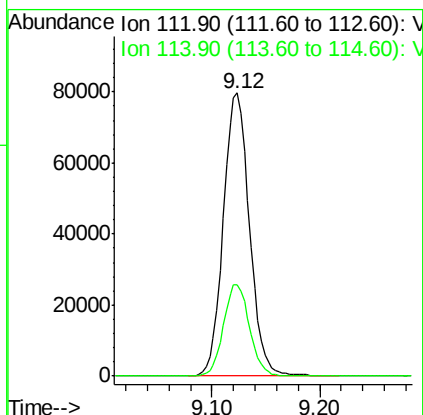
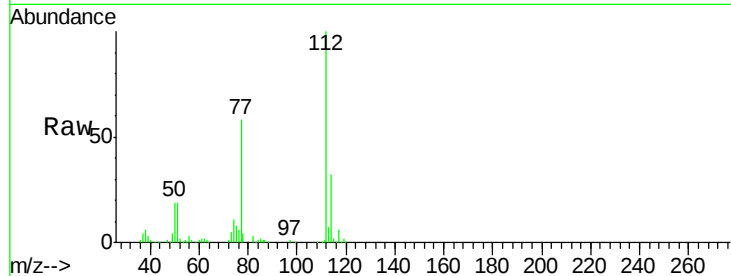




#65
Chlorobenzene
Concen: 22.114 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

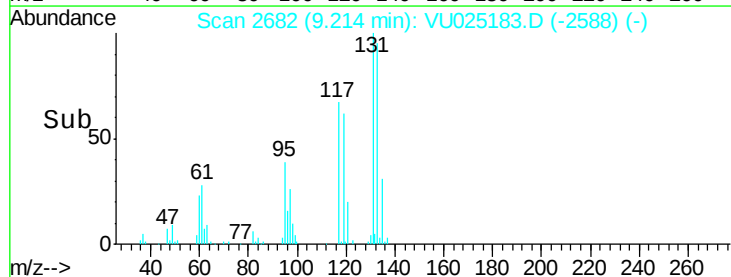
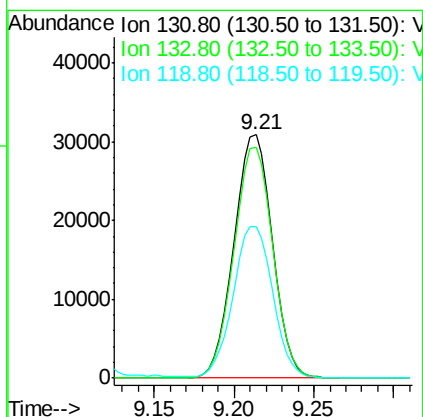
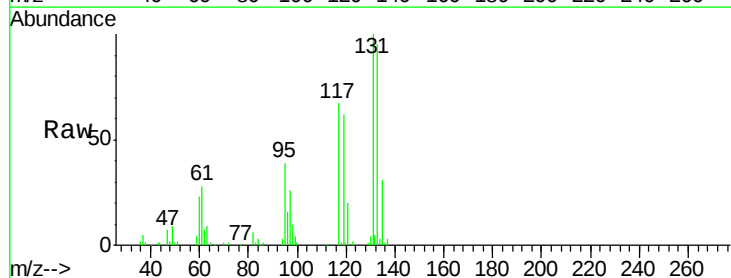
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

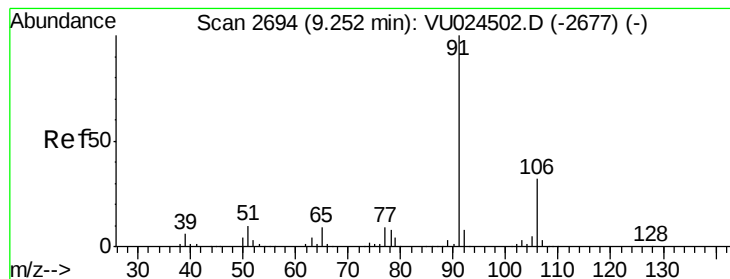
Tot Ion:112 Resp: 134485
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.929 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:131 Resp: 50667
Ion Ratio Lower Upper
131 100
133 95.8 46.9 140.8
119 64.2 33.5 100.4





#67

Ethyl Benzene

Concen: 21.660 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

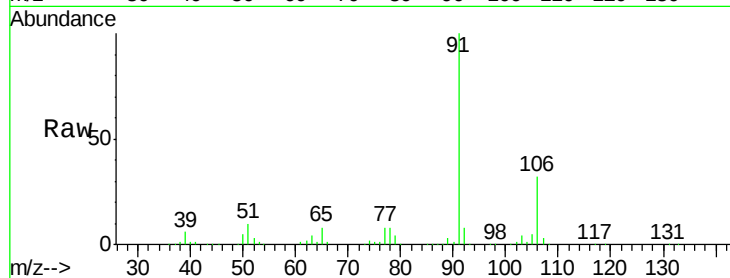
VU0703WBS01

Tot Ion: 91 Resp: 230921

Ion Ratio Lower Upper

91 100

106 31.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-2677) (-)

Ion 106.00 (105.70 to 106.70): VU024502.D (-2677) (-)

9.25

150000

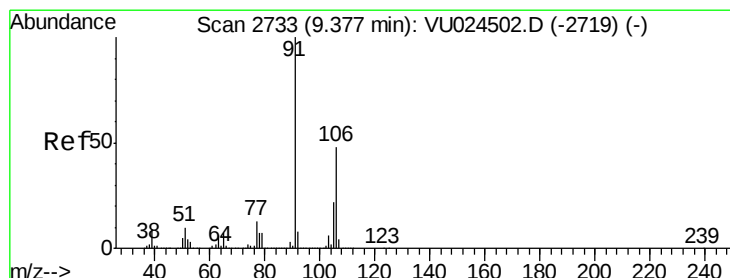
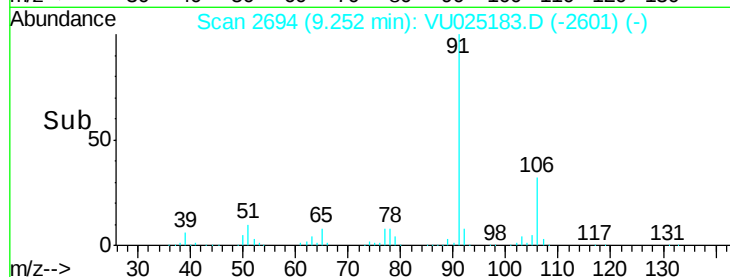
100000

50000

0

9.20 9.25 9.30

Time-->



#68

m/p-Xylenes

Concen: 44.210 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025183.D

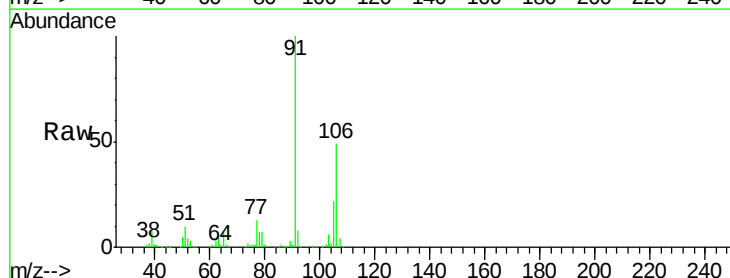
Acq: 03 Jul 2018 11:37

Tgt Ion: 106 Resp: 180993

Ion Ratio Lower Upper

106 100

91 201.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024502.D (-2719) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2719) (-)

9.38

250000

200000

150000

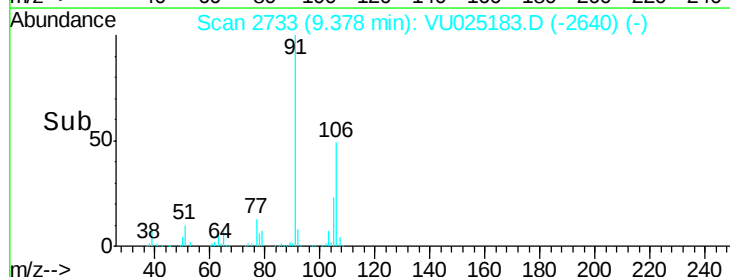
100000

50000

0

9.30 9.40 9.50

Time-->

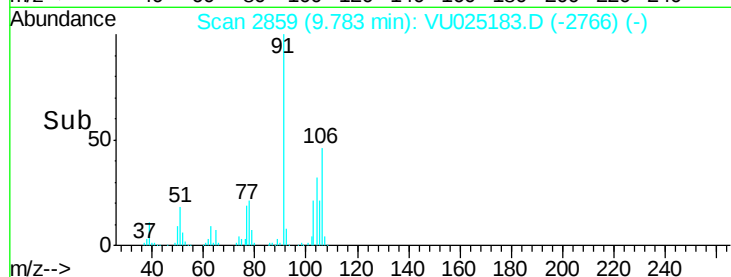
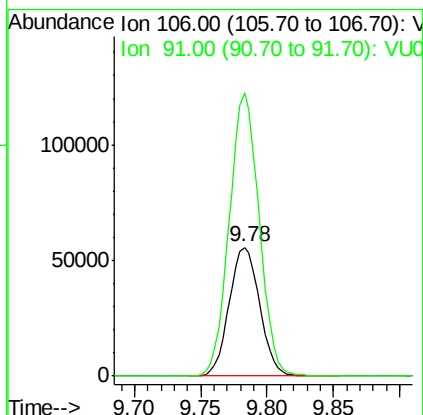
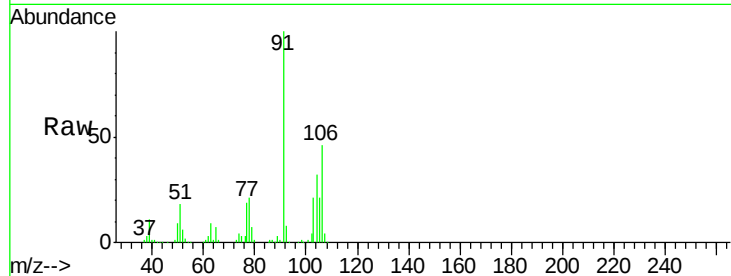




#69
o-Xylene
Concen: 22.015 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

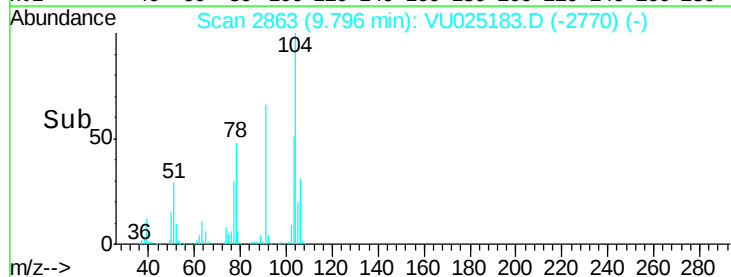
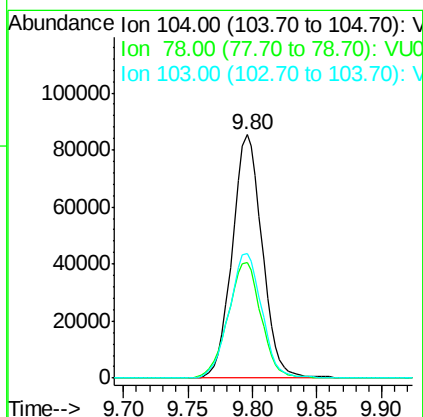
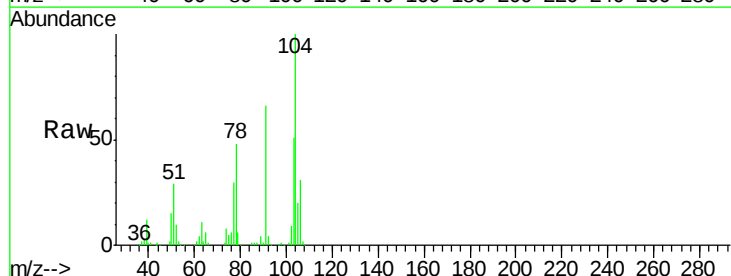
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion:106 Resp: 89197
Ion Ratio Lower Upper
106 100
91 214.9 110.7 331.9



#70
Styrene
Concen: 20.710 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:104 Resp: 137893
Ion Ratio Lower Upper
104 100
78 52.5 40.6 60.8
103 55.9 44.7 67.1

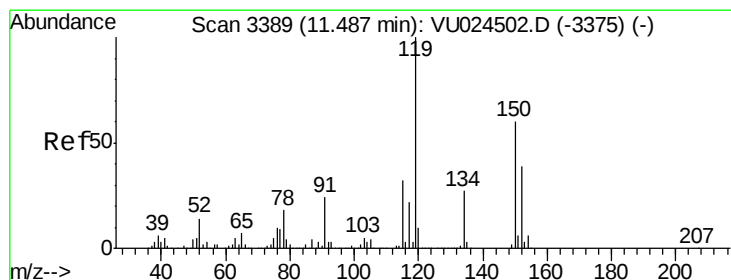
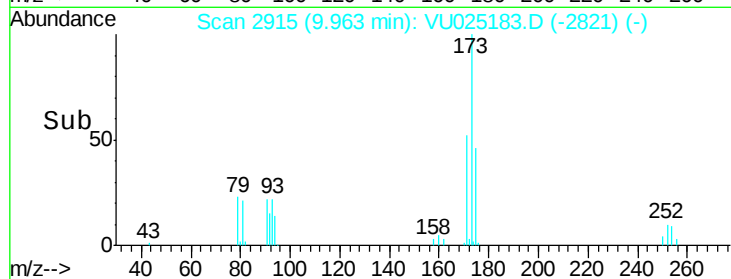
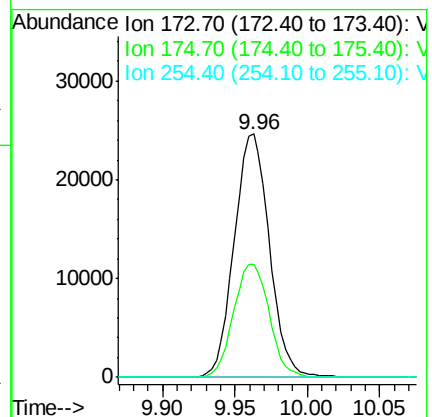
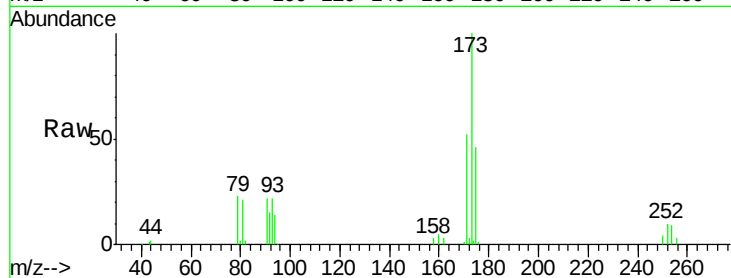




#71
Bromoform
Concen: 18.913 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

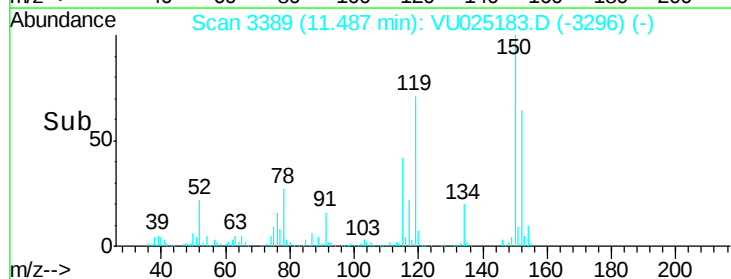
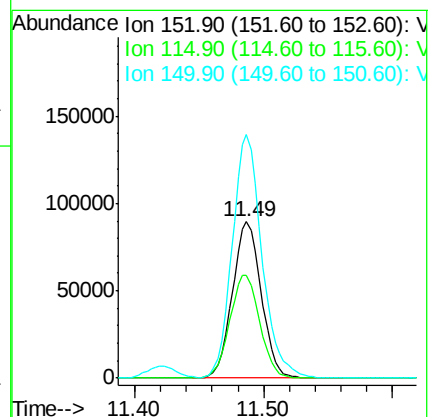
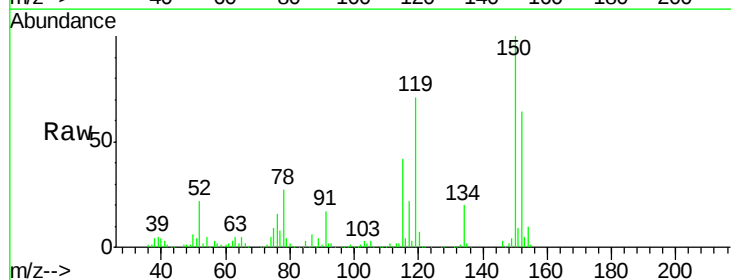
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

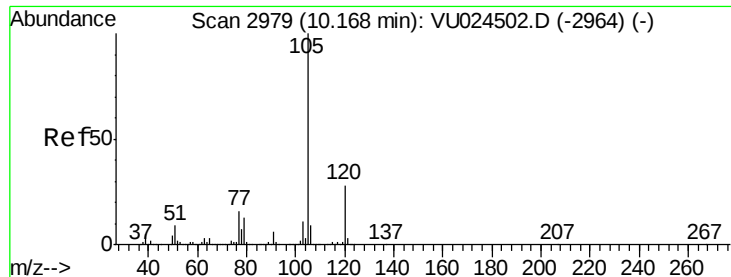
Tot Ion:173 Resp: 41536
Ion Ratio Lower Upper
173 100
175 47.1 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:152 Resp: 138694
Ion Ratio Lower Upper
152 100
115 68.4 43.0 129.0
150 160.6 0.0 354.0





#73

Isopropylbenzene

Concen: 22.596 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

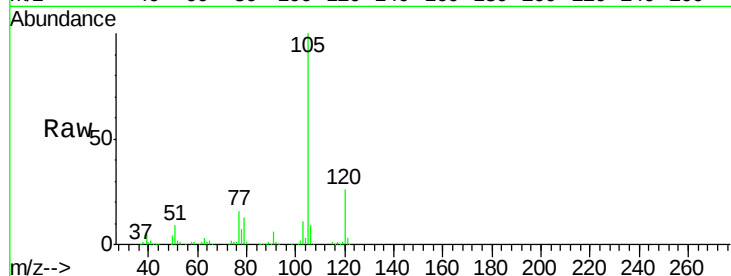
VU0703WBS01

Tot Ion:105 Resp: 240607

Ion Ratio Lower Upper

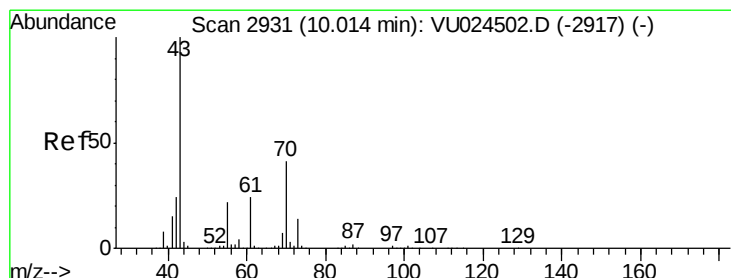
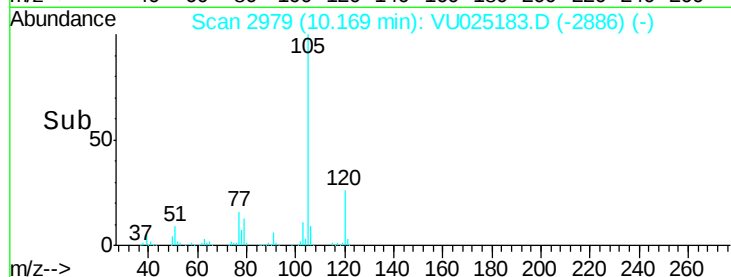
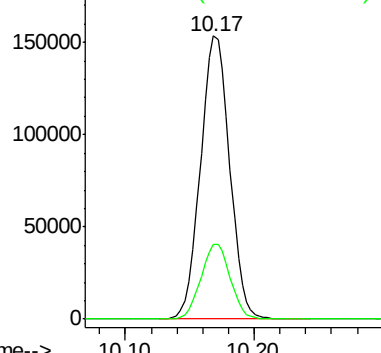
105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.435 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Tgt Ion: 43 Resp: 98438

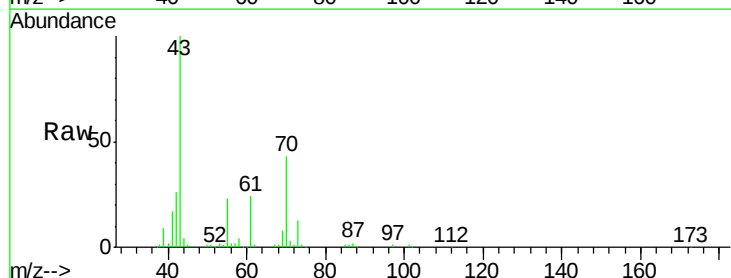
Ion Ratio Lower Upper

43 100

70 41.4 32.2 48.4

55 23.3 20.5 30.7

61 23.8 18.7 28.1

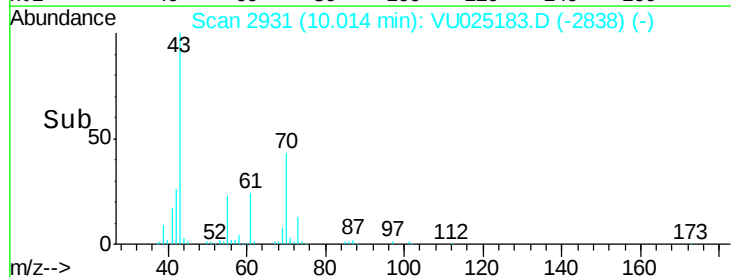
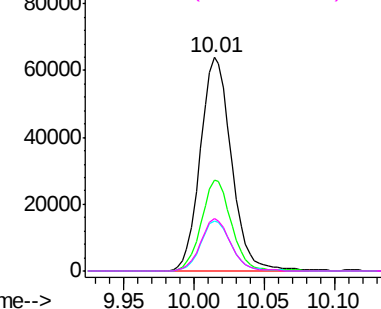


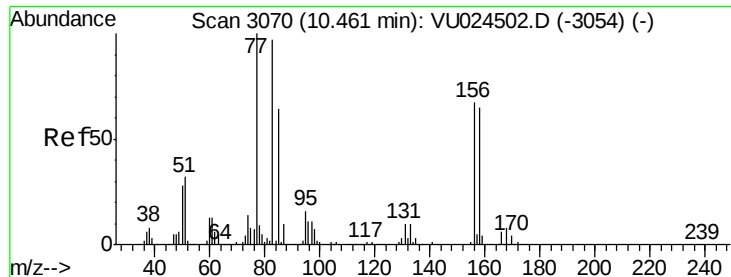
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.765 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

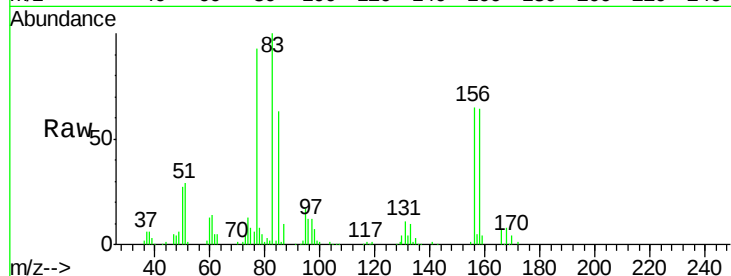
Tot Ion: 83 Resp: 81231

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

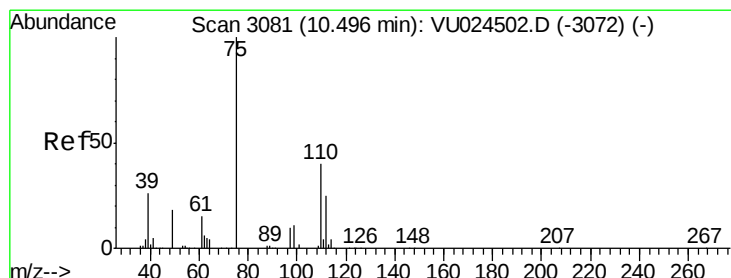
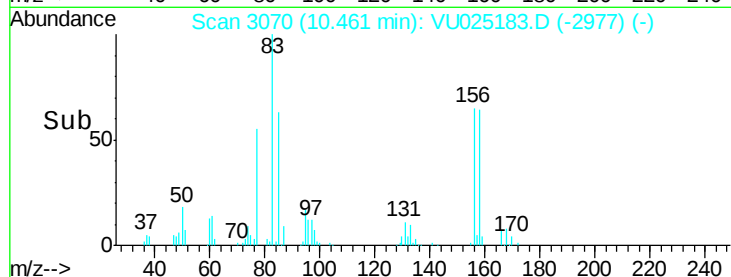
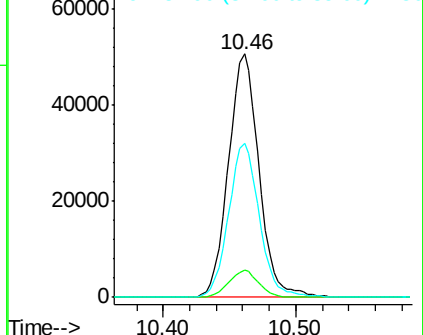
85 63.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 31.185 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025183.D

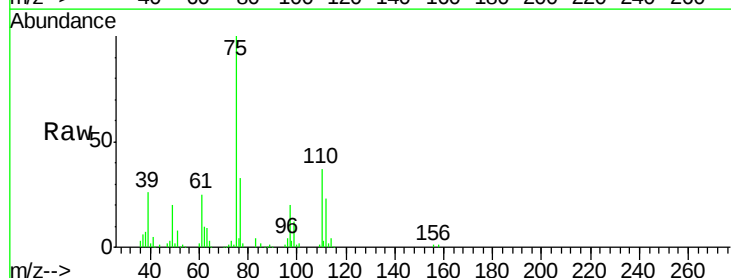
Acq: 03 Jul 2018 11:37

Tgt Ion: 75 Resp: 95226

Ion Ratio Lower Upper

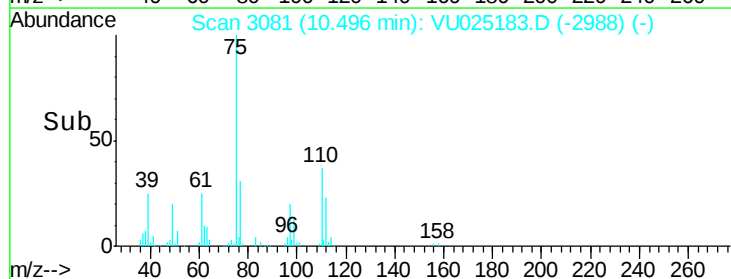
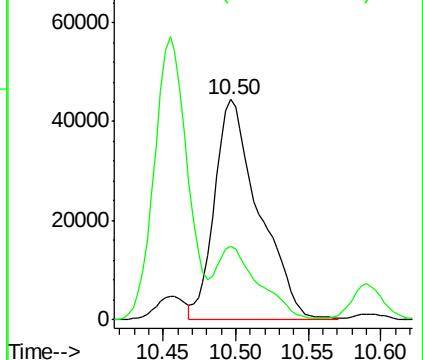
75 100

77 32.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 22.635 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

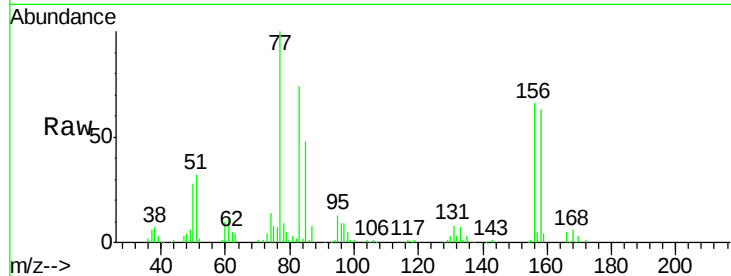
Tot Ion:156 Resp: 61020

Ion Ratio Lower Upper

156 100

77 148.8 80.5 241.3

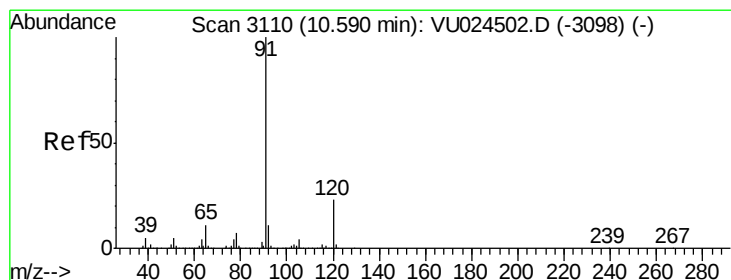
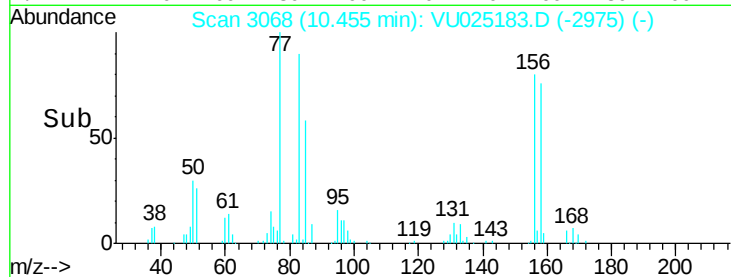
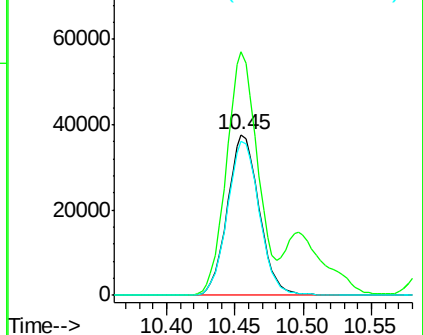
158 96.4 48.2 144.6



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: 21.031 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025183.D

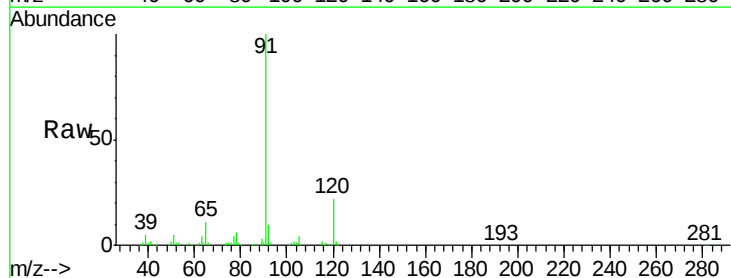
Acq: 03 Jul 2018 11:37

Tgt Ion: 91 Resp: 263802

Ion Ratio Lower Upper

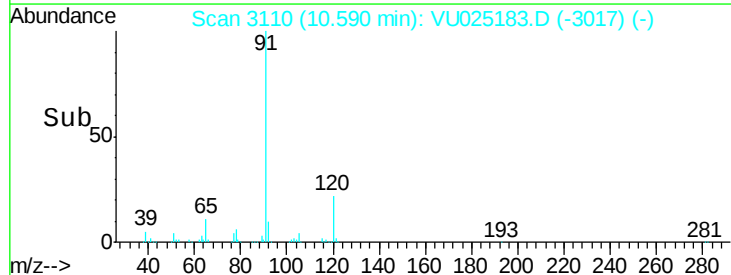
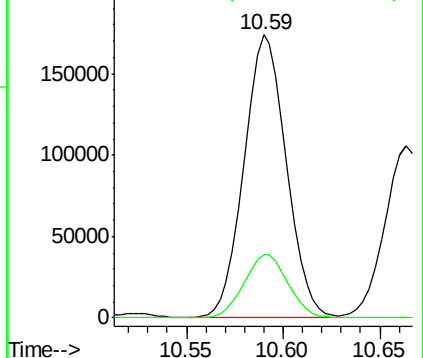
91 100

120 23.3 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: 22.316 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

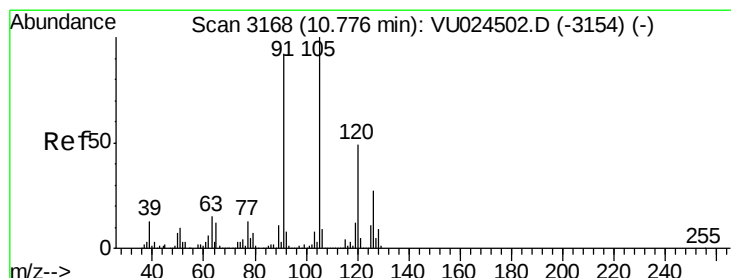
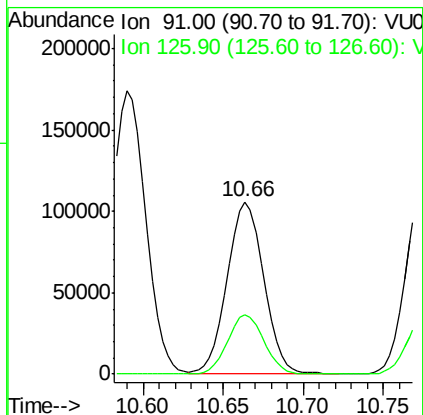
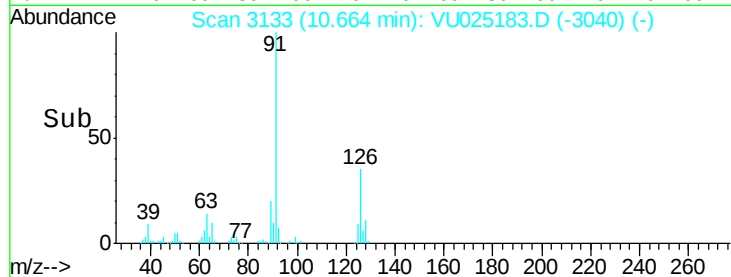
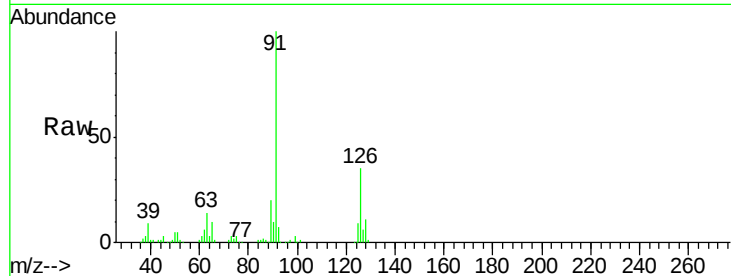
VU0703WBS01

Tot Ion: 91 Resp: 165079

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.918 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025183.D

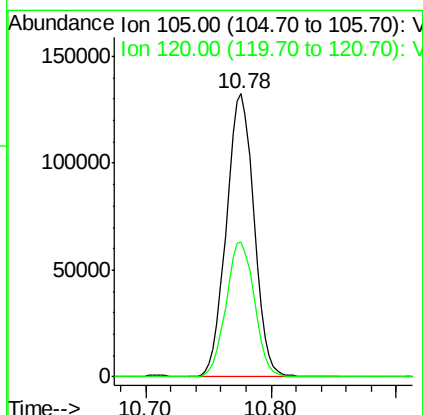
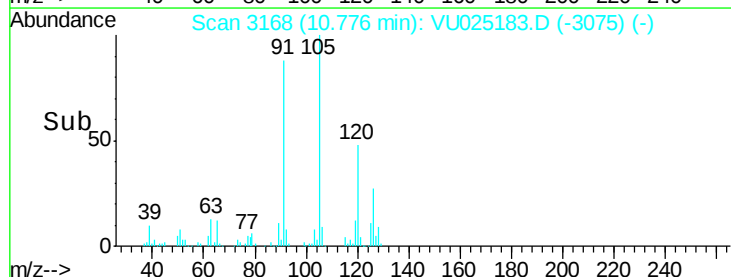
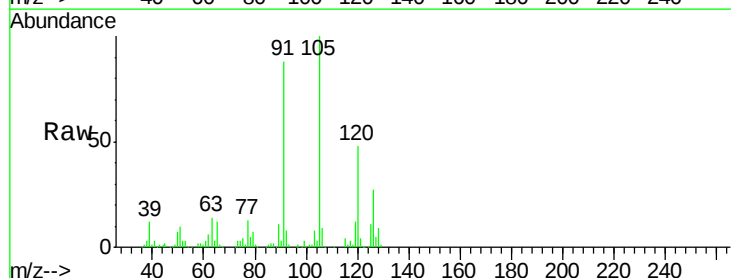
Acq: 03 Jul 2018 11:37

Tgt Ion: 105 Resp: 202287

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2

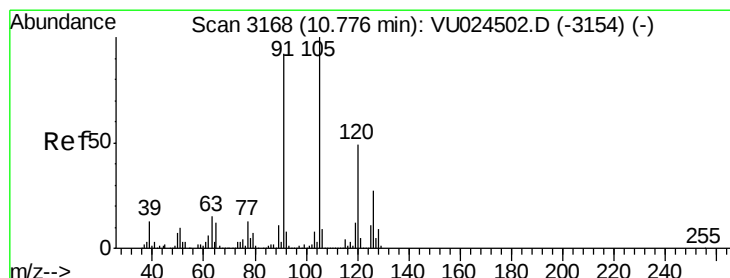
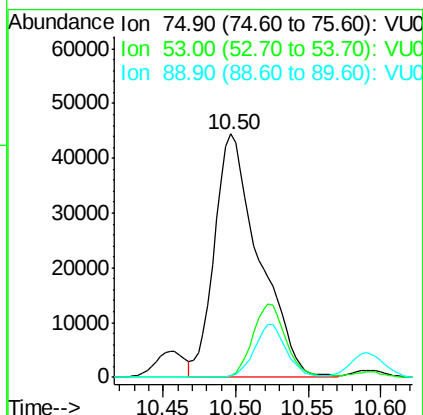
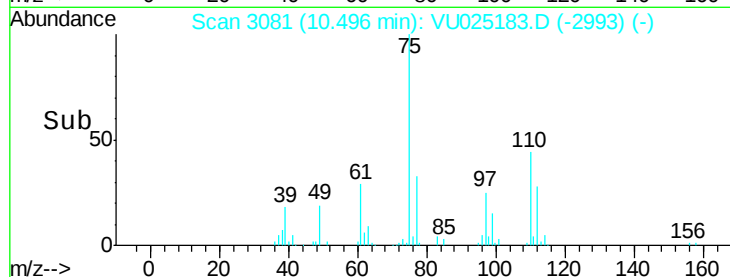
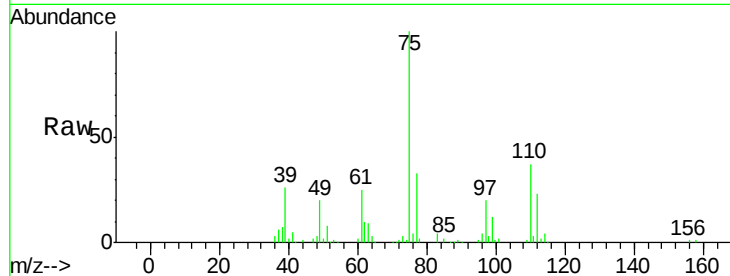




#81
trans-1,4-Dichloro-2-butene
Concen: 72.176 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

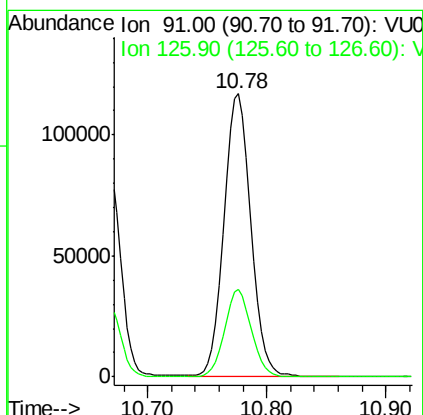
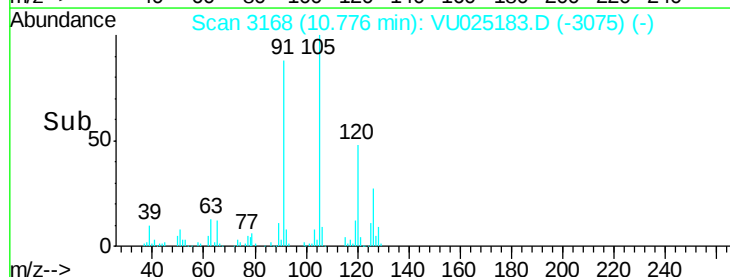
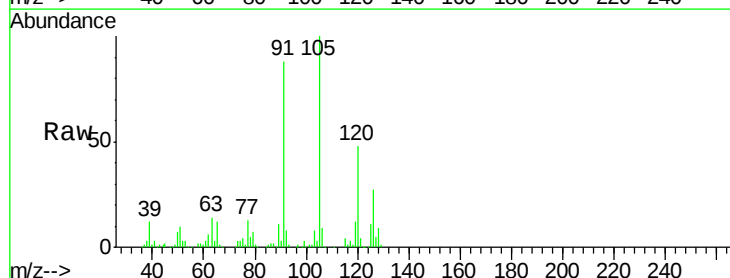
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

Tot Ion: 75 Resp: 95226
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.182 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion: 91 Resp: 182373
Ion Ratio Lower Upper
91 100
126 30.7 14.9 44.9

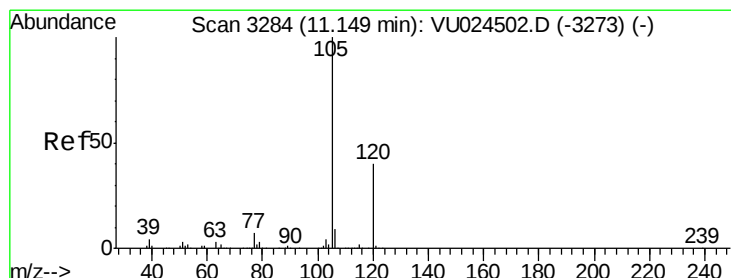
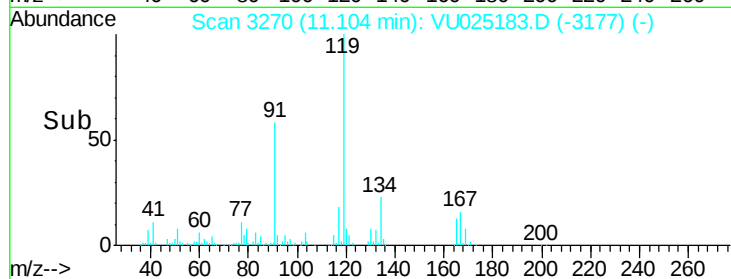
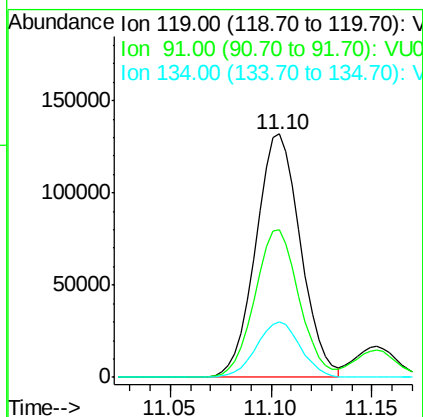
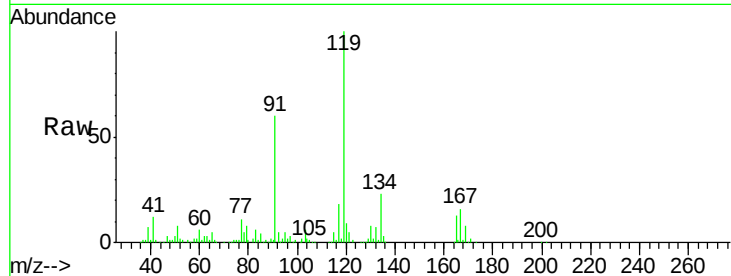




#83
tert-Butylbenzene
Concen: 23.018 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

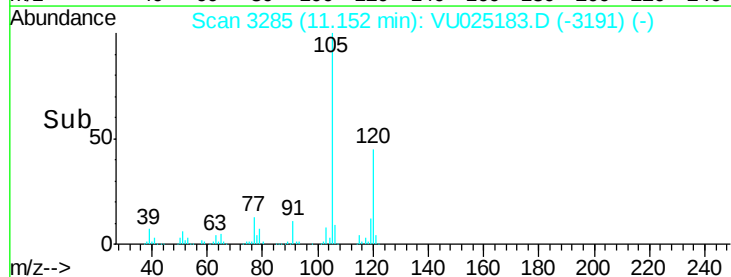
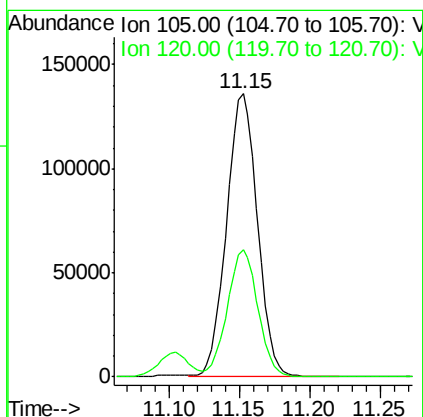
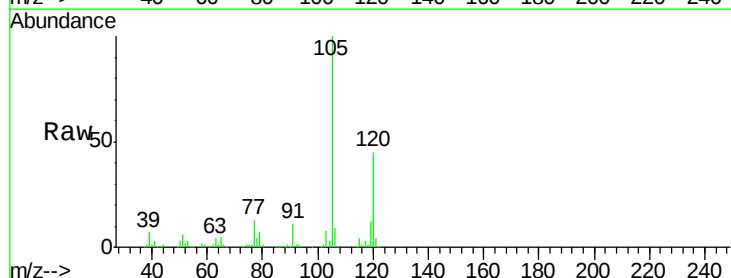
Instrument :
MSVOA_U
ClientSampleId :
VU0703WBS01

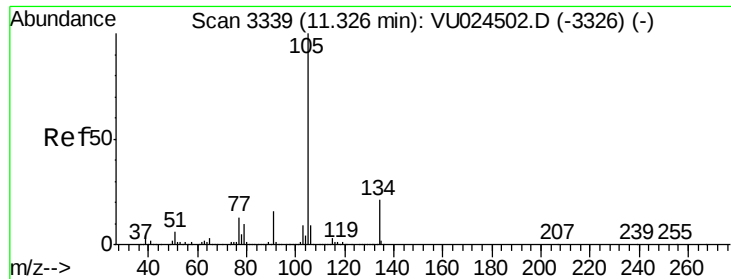
Tot Ion:119 Resp: 204350
Ion Ratio Lower Upper
119 100
91 59.8 29.7 89.1
134 22.5 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 22.122 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025183.D
Acq: 03 Jul 2018 11:37

Tgt Ion:105 Resp: 208073
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 21.359 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

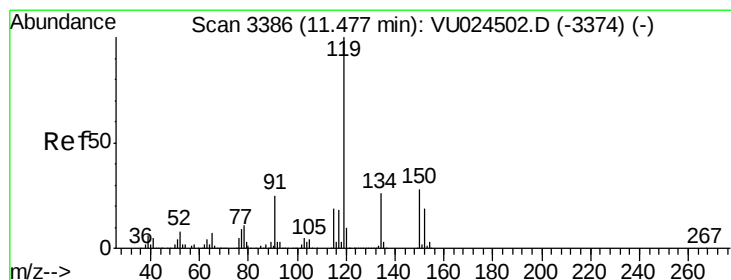
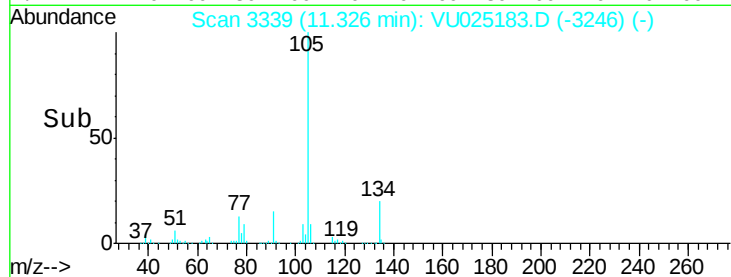
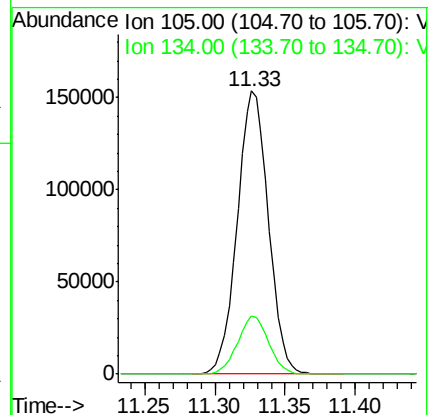
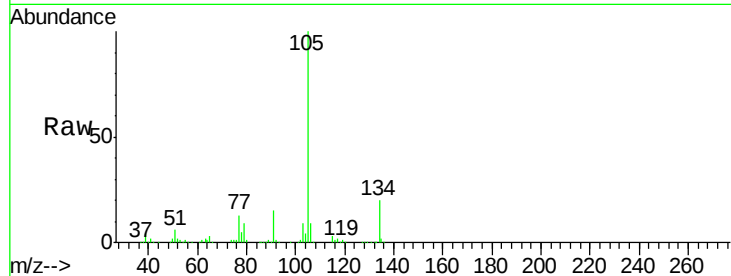
VU0703WBS01

Tot Ion:105 Resp: 237366

Ion Ratio Lower Upper

105 100

134 20.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 20.924 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

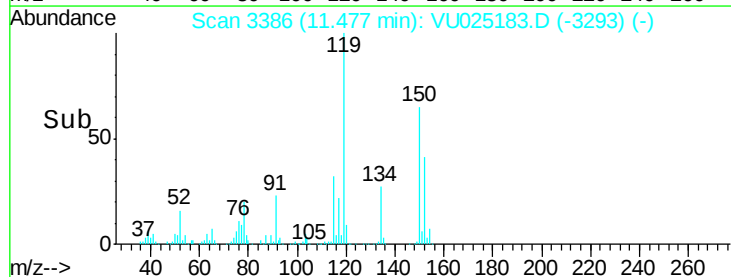
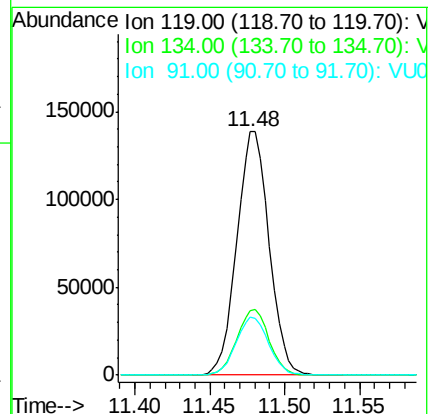
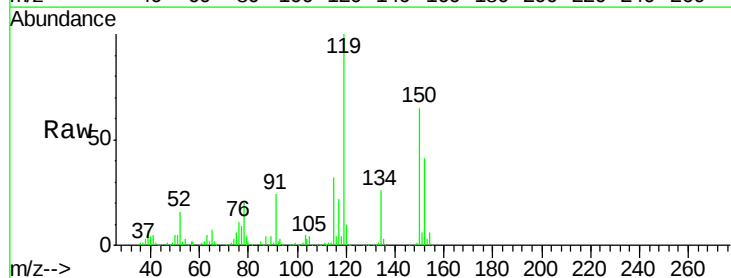
Tgt Ion:119 Resp: 208257

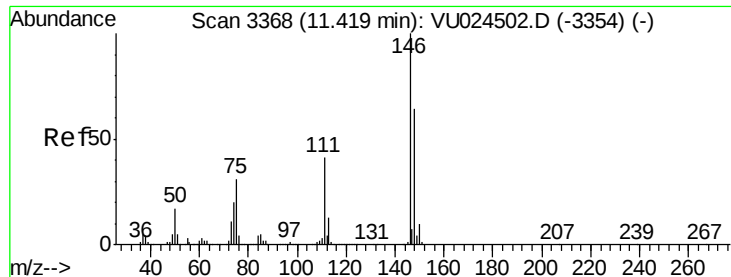
Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

91 24.0 12.0 36.1

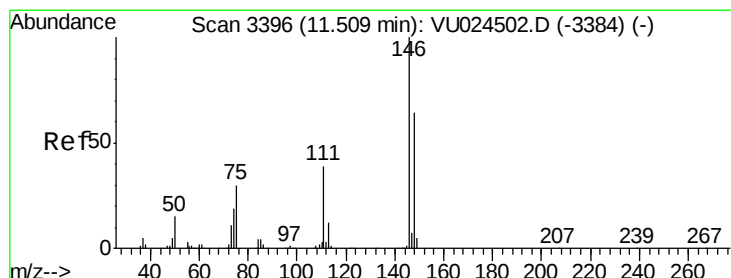
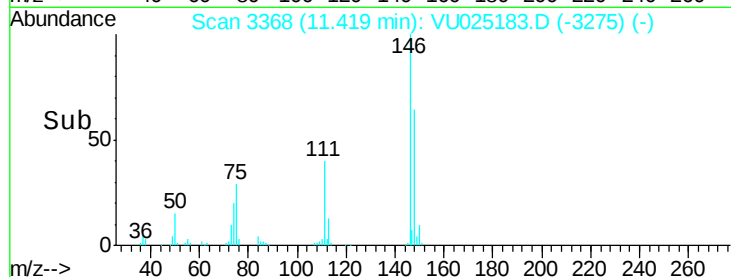
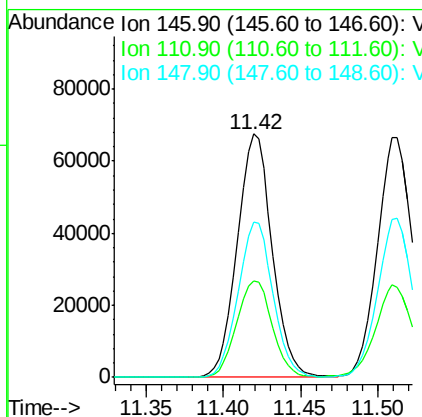
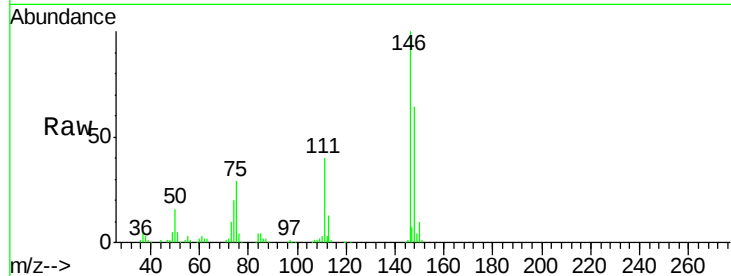




#87
 1,3-Dichlorobenzene
 Concen: 21.277 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

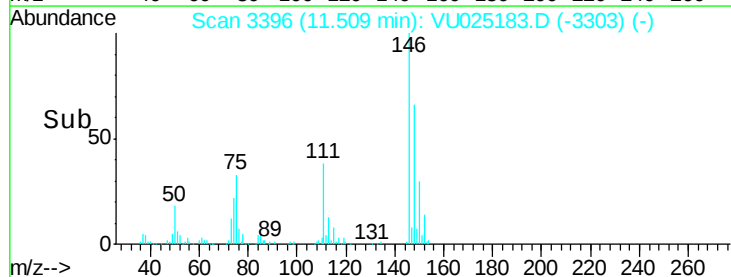
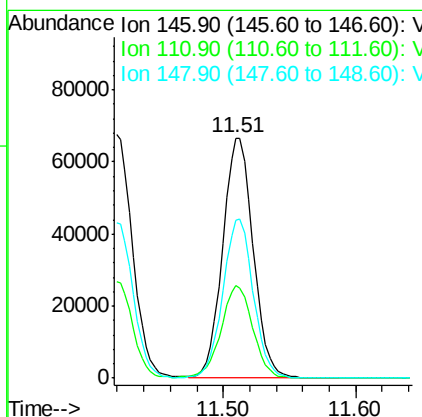
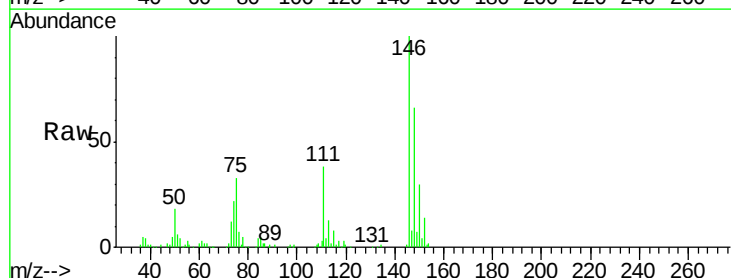
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

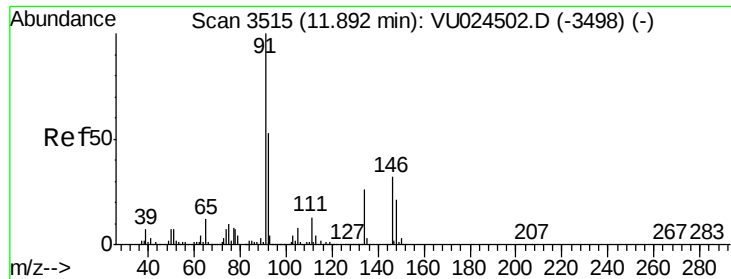
Tot Ion:146 Resp: 105970
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.249 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion:146 Resp: 106520
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.5 58.5
 148 66.0 32.4 97.0





#89

n-Butylbenzene

Concen: 18.310 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

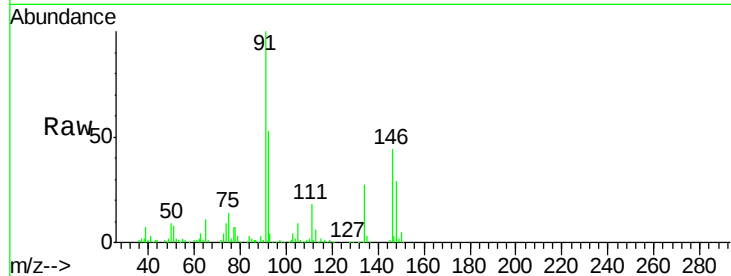
MSVOA_U

ClientSampleId :

VU0703WBS01

Tot Ion: 91 Resp: 161795

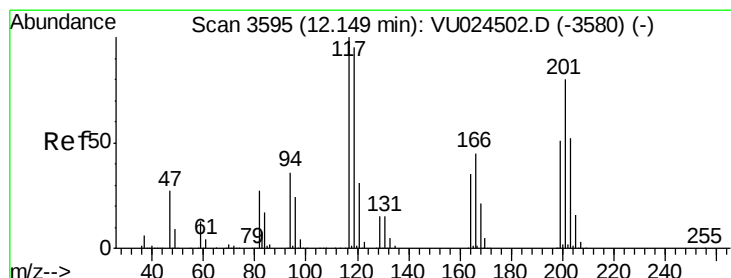
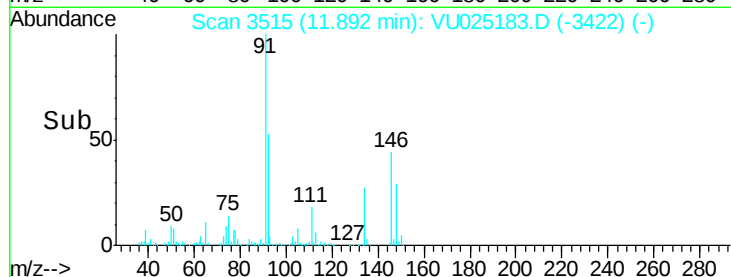
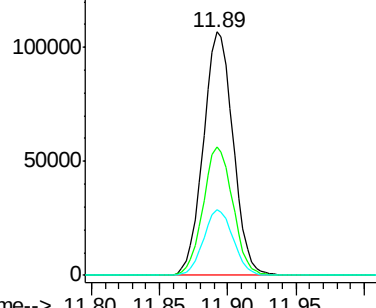
Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.6	76.8
134	27.0	12.3	36.8



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)



#90

Hexachloroethane

Concen: 18.111 ug/l

RT: 12.15 min Scan# 3595

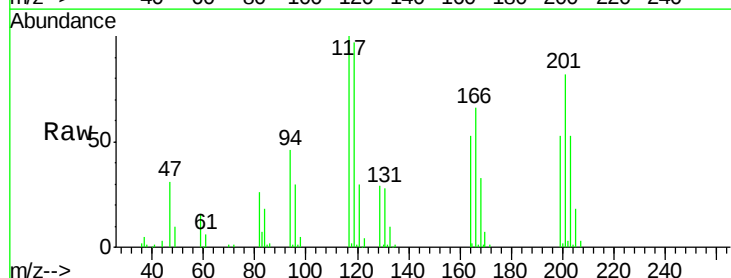
Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

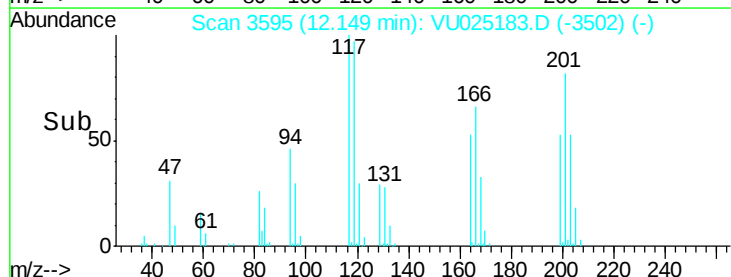
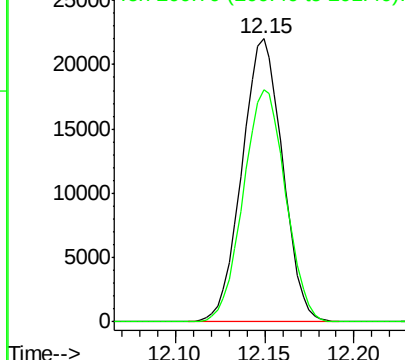
Tgt Ion: 117 Resp: 35164

Ion	Ratio	Lower	Upper
117	100		
201	85.2	41.1	123.3



Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)





#91

1,2-Dichlorobenzene

Concen: 22.125 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

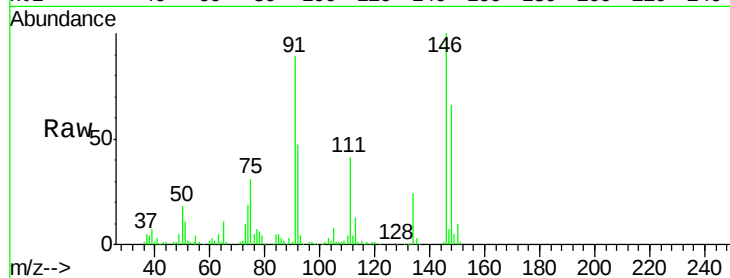
Tot Ion:146 Resp: 110374

Ion Ratio Lower Upper

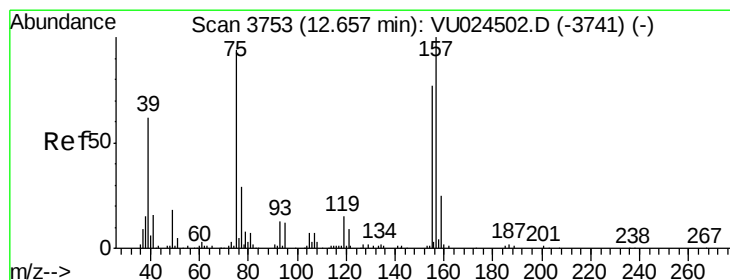
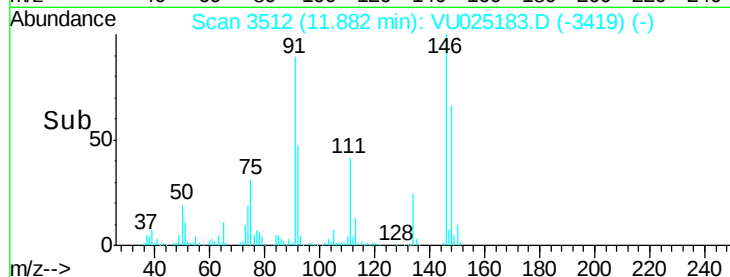
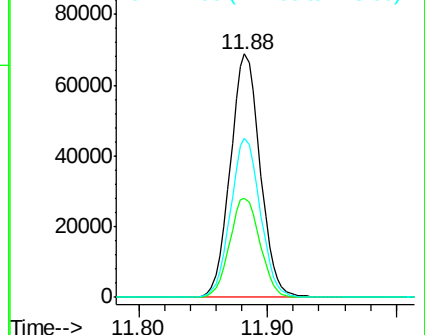
146 100

111 41.4 20.5 61.6

148 65.2 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: 20.295 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

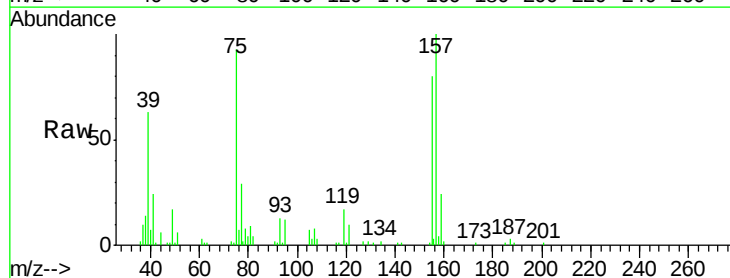
Tgt Ion: 75 Resp: 19982

Ion Ratio Lower Upper

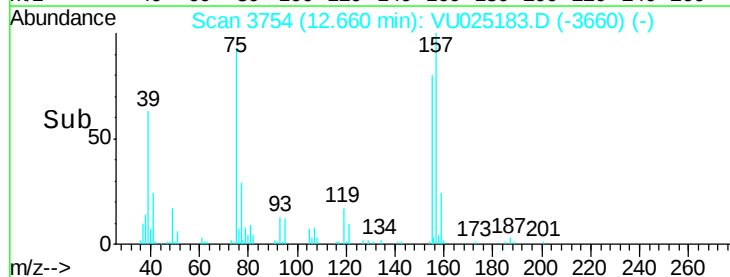
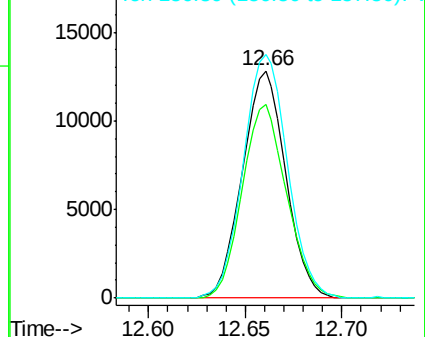
75 100

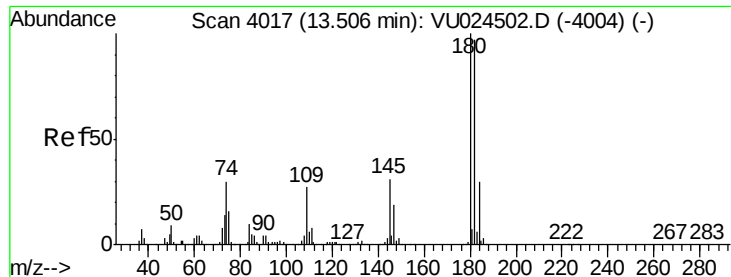
155 87.2 40.4 121.2

157 109.7 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

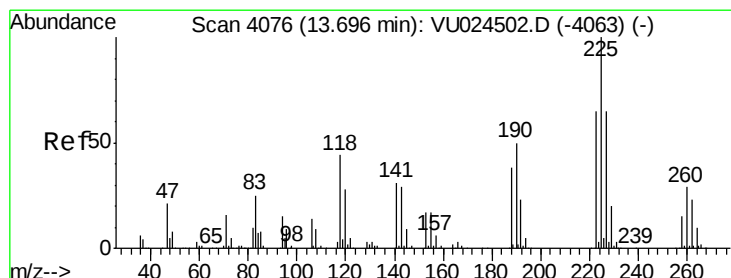
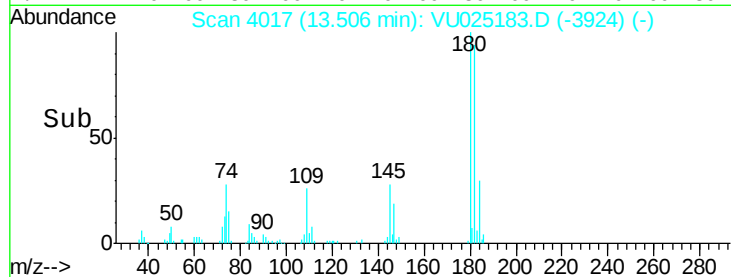
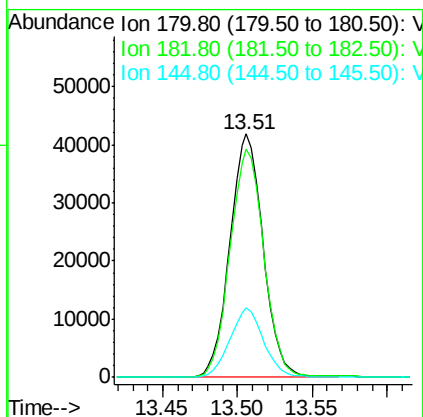
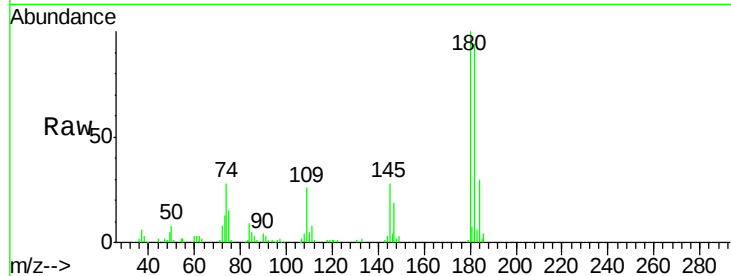




#93
 1,2,4-Trichlorobenzene
 Concen: 21.044 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

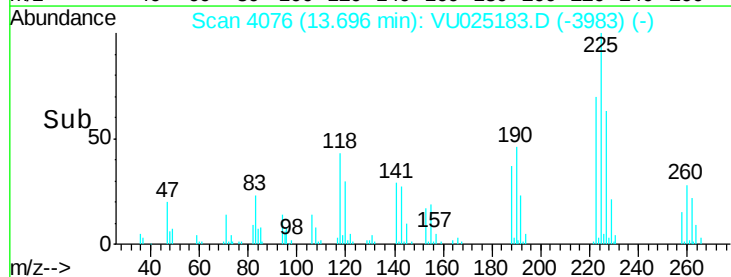
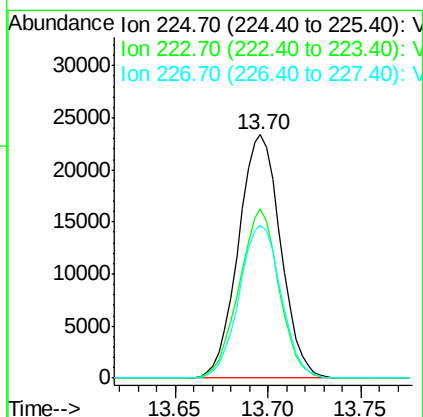
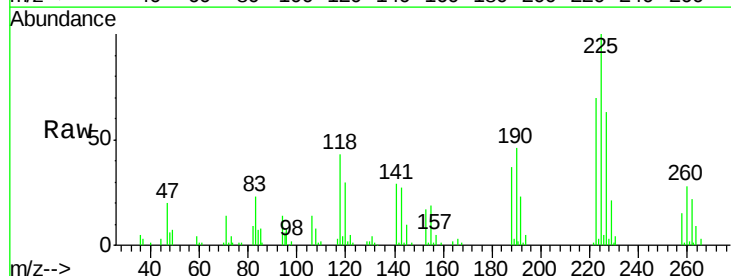
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0703WBS01

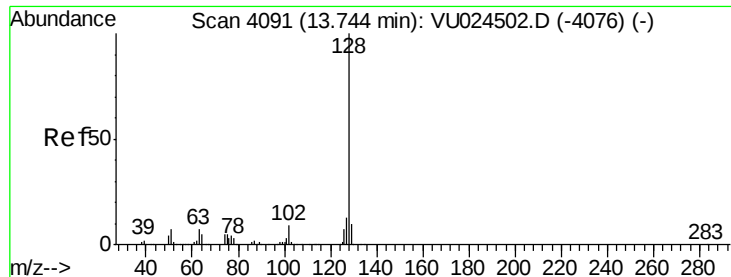
Tot Ion:180 Resp: 64828
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.0 144.2
 145 28.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 21.290 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025183.D
 Acq: 03 Jul 2018 11:37

Tgt Ion:225 Resp: 36914
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.3 93.8
 227 62.2 31.8 95.4





#95

Naphthalene

Concen: 21.725 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

Instrument :

MSVOA_U

ClientSampleId :

VU0703WBS01

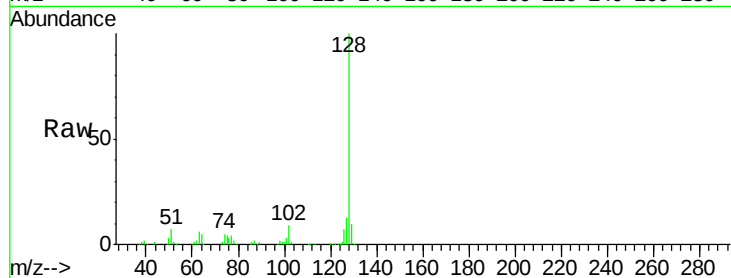
Tot Ion:128 Resp: 217581

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

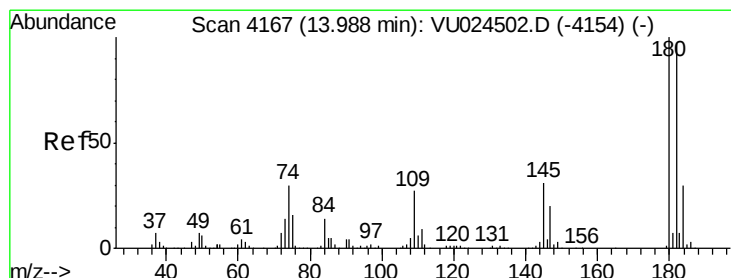
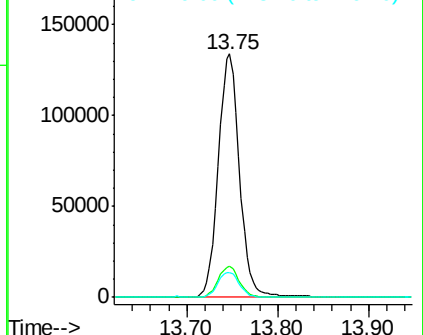
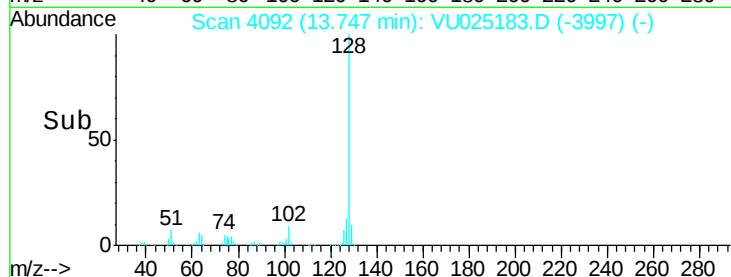
129 10.5 8.6 12.8



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: 21.973 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025183.D

Acq: 03 Jul 2018 11:37

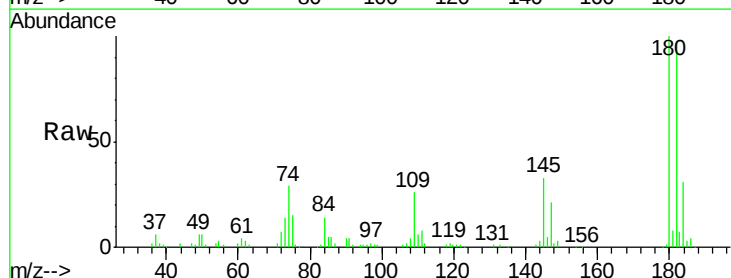
Tgt Ion:180 Resp: 67449

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.7

145 31.5 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

