

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025111.D
 Acq On : 01 Jul 2018 01:17
 Operator : MD/SY
 Sample : VU0630WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Quant Time: Jul 02 05:44:48 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	162079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	253326	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	133355	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	120901	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	4.89	113	97706	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	7.57	98	314196	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
62) 4-Bromofluorobenzene	10.31	95	129493	42.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	34231	16.873	ug/l	98
3) Chloromethane	1.33	50	38489	18.570	ug/l	100
4) Vinyl Chloride	1.40	62	40497	18.946	ug/l	98
5) Bromomethane	1.62	94	25996	25.158	ug/l	99
6) Chloroethane	1.70	64	27120	22.118	ug/l	98
7) Trichlorofluoromethane	1.89	101	66778	20.472	ug/l	99
8) Diethyl Ether	2.10	74	25396	21.816	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	37956	18.756	ug/l	98
10) Methyl Iodide	2.41	142	35351	23.746	ug/l	99
11) Tert butyl alcohol	2.82	59	70292	109.230	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36228	19.630	ug/l	99
13) Acrolein	2.19	56	19952	59.042	ug/l	98
14) Allyl chloride	2.60	41	59860	17.469	ug/l	100
15) Acrylonitrile	2.94	53	134039	107.055	ug/l	100
16) Acetone	2.32	43	130660	91.905	ug/l	98
17) Carbon Disulfide	2.48	76	98330	16.640	ug/l	99
18) Methyl Acetate	2.62	43	80935	26.555	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	146883	21.173	ug/l	97
20) Methylene Chloride	2.70	84	45917	20.584	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	39466	19.416	ug/l	99
22) Diisopropyl ether	3.57	45	139858	20.589	ug/l	94
23) Vinyl Acetate	3.53	43	563491	92.605	ug/l	99
24) 1,1-Dichloroethane	3.45	63	79149	20.255	ug/l	98
25) 2-Butanone	4.26	43	195555	102.404	ug/l	99
26) 2,2-Dichloropropane	4.23	77	47155	12.708	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	50146	21.459	ug/l	96
28) Bromochloromethane	4.55	49	34163	19.848	ug/l	88
29) Tetrahydrofuran	4.64	42	124709	105.455	ug/l	96
30) Chloroform	4.68	83	84801	21.440	ug/l	100
31) Cyclohexane	5.00	56	71384	19.361	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	74227	20.295	ug/l	96
36) 1,1-Dichloropropene	5.14	75	57780	19.410	ug/l	96
37) Ethyl Acetate	4.38	43	69455	21.407	ug/l	98
38) Carbon Tetrachloride	5.14	117	65434	19.989	ug/l	99

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 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)
39) Methylcyclohexane	6.42	83	68959	18.563	ug/l	97
40) Benzene	5.39	78	173103	20.408	ug/l	100
41) Methacrylonitrile	4.54	41	38424	21.965	ug/l	97
42) 1,2-Dichloroethane	5.41	62	72332	22.390	ug/l	98
43) Isopropyl Acetate	5.55	43	111978	19.967	ug/l	99
44) Trichloroethene	6.19	130	48851	20.236	ug/l	99
45) 1,2-Dichloropropane	6.44	63	46152	20.392	ug/l	98
46) Dibromomethane	6.56	93	33088	20.814	ug/l	94
47) Bromodichloromethane	6.76	83	63487	20.055	ug/l	97
48) Methyl methacrylate	6.63	41	59161	21.664	ug/l	97
49) 1,4-Dioxane	6.62	88	27725	519.141	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	373495	106.005	ug/l	99
52) Toluene	7.64	92	111571	20.445	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	63618	17.895	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	67185	17.736	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	47345	21.343	ug/l	96
56) Ethyl methacrylate	8.02	69	73287	19.739	ug/l	98
57) 1,3-Dichloropropane	8.25	76	78214	20.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	124460	87.500	ug/l	94
59) 2-Hexanone	8.36	43	288079	100.149	ug/l	99
60) Dibromochloromethane	8.48	129	50991	18.434	ug/l	99
61) 1,2-Dibromoethane	8.59	107	51242	20.754	ug/l	99
64) Tetrachloroethene	8.23	164	49350	21.966	ug/l	98
65) Chlorobenzene	9.12	112	126412	20.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	47396	20.661	ug/l	97
67) Ethyl Benzene	9.25	91	214925	20.305	ug/l	98
68) m/p-Xylenes	9.38	106	167947	41.319	ug/l	96
69) o-Xylene	9.78	106	82251	20.447	ug/l	99
70) Styrene	9.80	104	127297	19.257	ug/l	97
71) Bromoform	9.96	173	39291	18.020	ug/l #	98
73) Isopropylbenzene	10.17	105	221726	21.656	ug/l	100
74) N-amyl acetate	10.01	43	92972	19.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	76777	22.378	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	86451	29.445	ug/l	81
77) Bromobenzene	10.45	156	57427	22.155	ug/l	95
78) n-propylbenzene	10.59	91	240988	19.981	ug/l	97
79) 2-Chlorotoluene	10.66	91	151391	21.285	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	187942	21.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	86451	68.149	ug/l #	100
82) 4-Chlorotoluene	10.78	91	172356	20.820	ug/l	98
83) tert-Butylbenzene	11.10	119	184277	21.588	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	190768	21.094	ug/l	99
85) sec-Butylbenzene	11.33	105	218067	20.408	ug/l	99
86) p-Isopropyltoluene	11.48	119	190619	19.919	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	97368	20.333	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	97996	20.332	ug/l	100
89) n-Butylbenzene	11.89	91	140524	16.540	ug/l	97
90) Hexachloroethane	12.15	117	32357	17.333	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	102852	21.443	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18763	19.820	ug/l	94

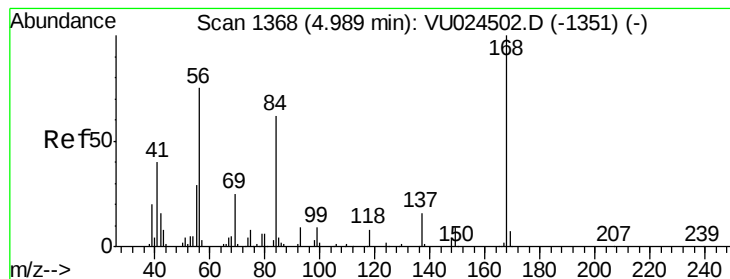
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	58127	19.625	ug/l	98
94) Hexachlorobutadiene	13.70	225	32892	19.729	ug/l	97
95) Naphthalene	13.74	128	197297	20.527	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	62446	21.158	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

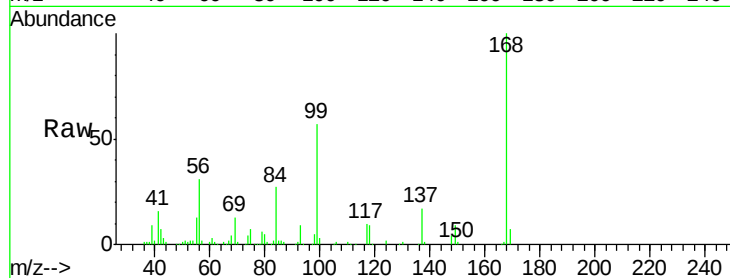
VU0630WBS02

Tgt Ion:168 Resp: 162079

Ion Ratio Lower Upper

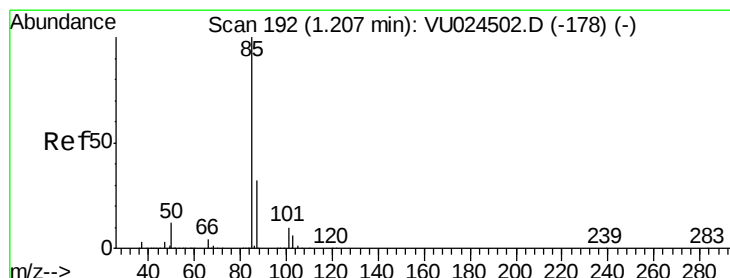
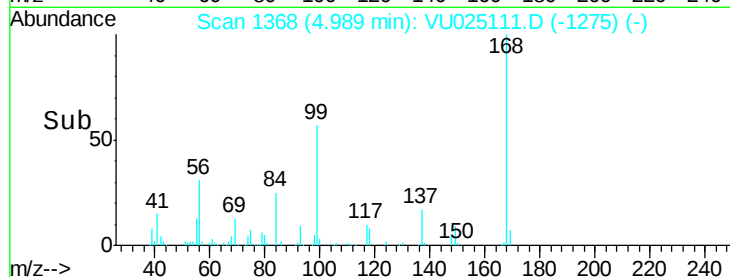
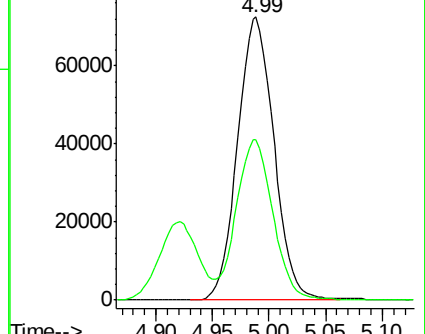
168 100

99 56.2 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: 16.873 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025111.D

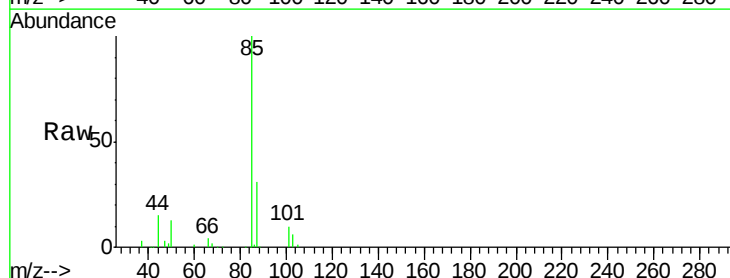
Acq: 01 Jul 2018 01:17

Tgt Ion: 85 Resp: 34231

Ion Ratio Lower Upper

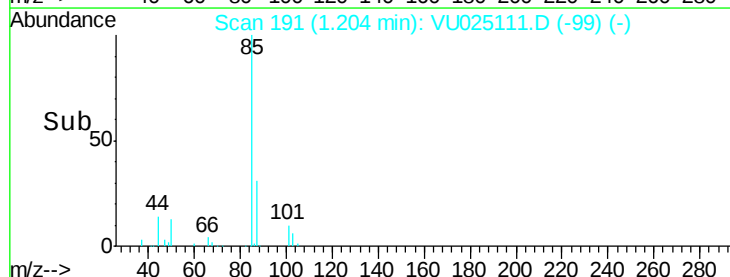
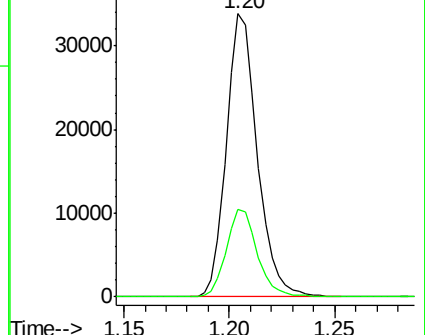
85 100

87 30.8 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: 18.570 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

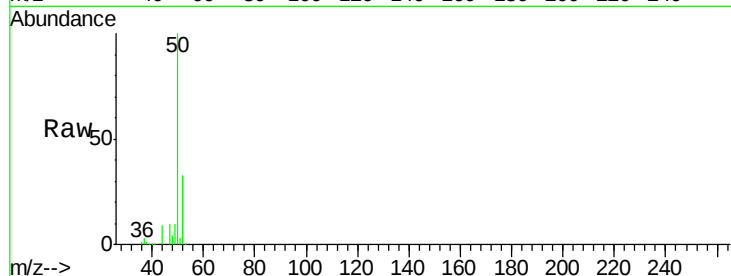
VU0630WBS02

Tgt Ion: 50 Resp: 38489

Ion Ratio Lower Upper

50 100

52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

40000

30000

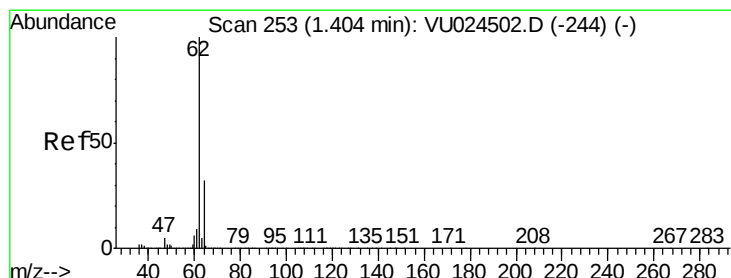
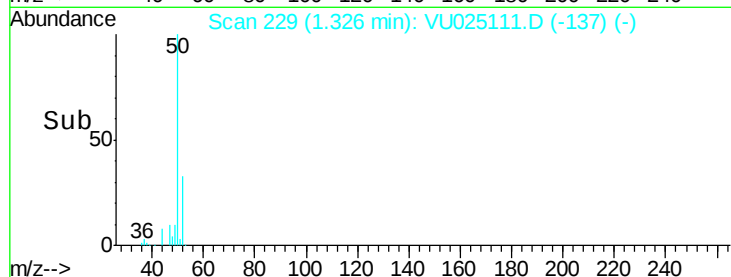
20000

10000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 18.946 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025111.D

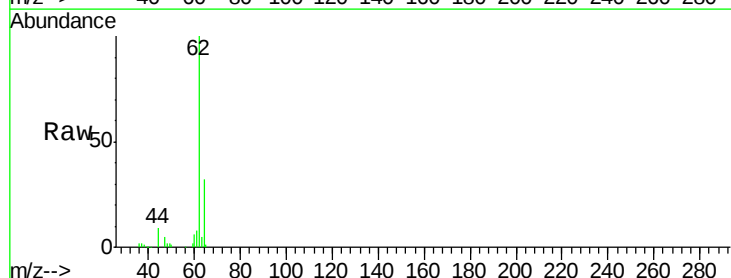
Acq: 01 Jul 2018 01:17

Tgt Ion: 62 Resp: 40497

Ion Ratio Lower Upper

62 100

64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

40000

30000

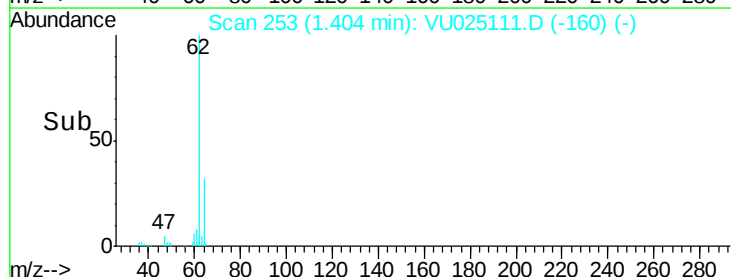
20000

10000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 25.158 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

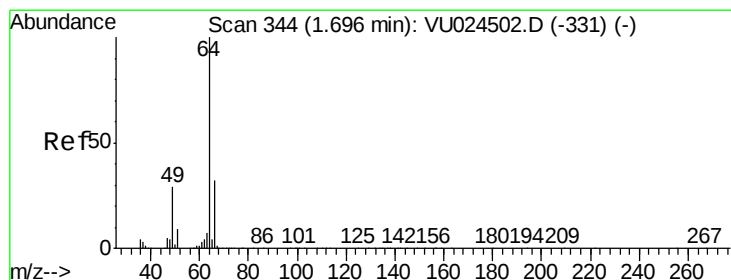
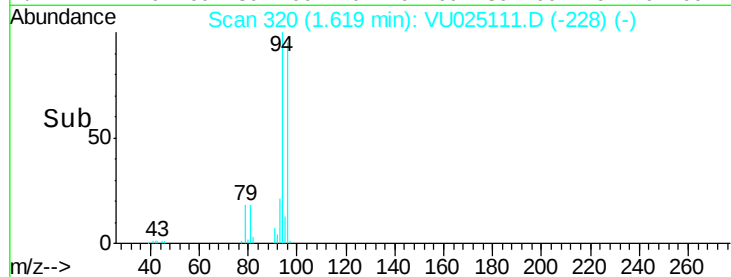
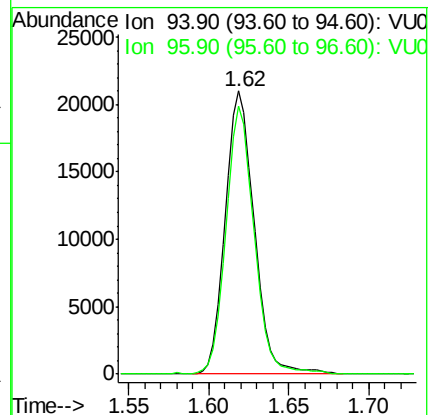
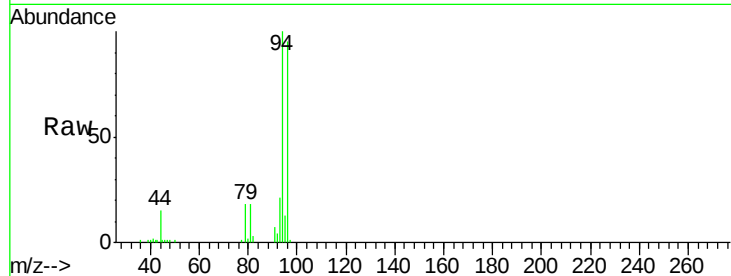
VU0630WBS02

Tgt Ion: 94 Resp: 25996

Ion Ratio Lower Upper

94 100

96 94.5 74.5 111.7



#6

Chloroethane

Concen: 22.118 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025111.D

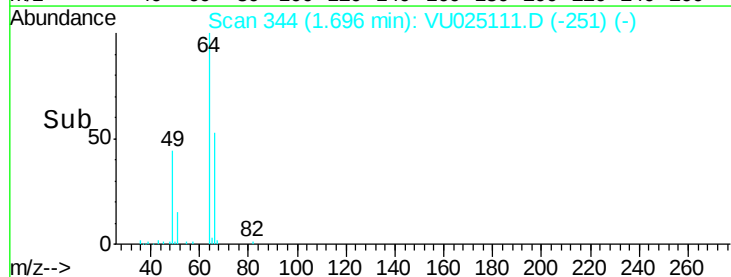
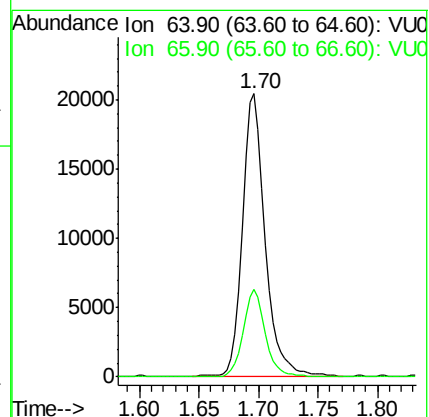
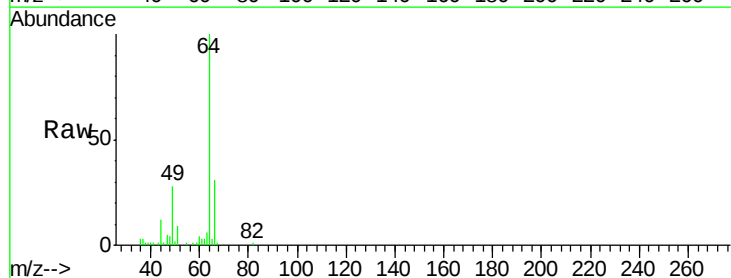
Acq: 01 Jul 2018 01:17

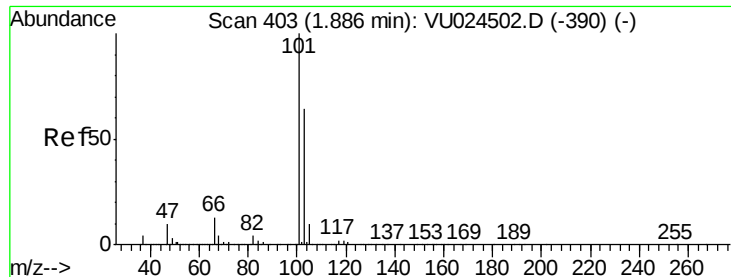
Tgt Ion: 64 Resp: 27120

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3



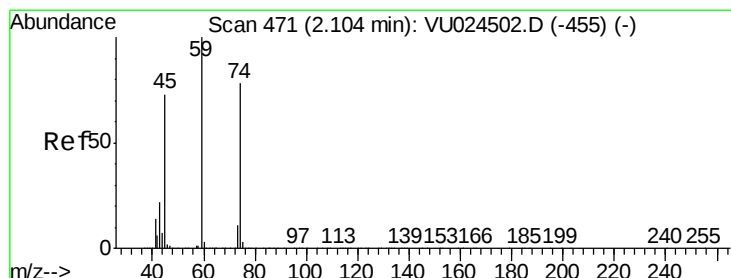
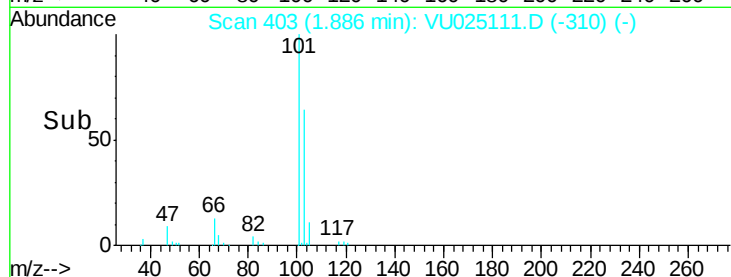
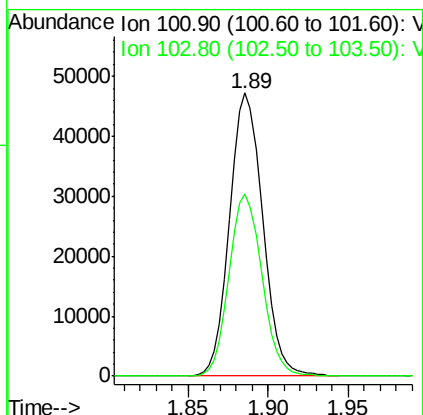
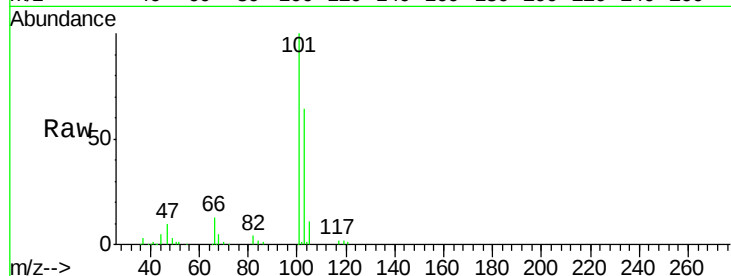


#7

Trichlorofluoromethane
 Concen: 20.472 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Instrument :
 MSVOA_U
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 VU0630WBS02

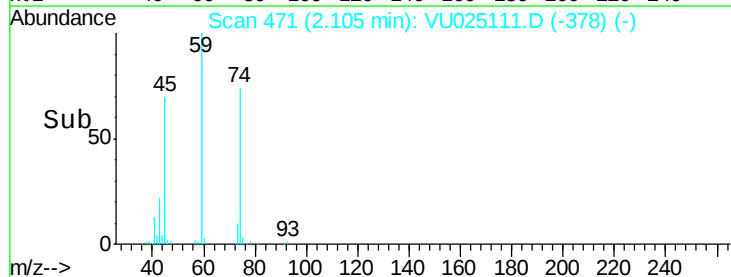
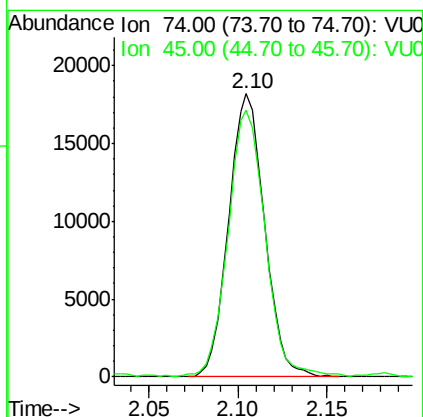
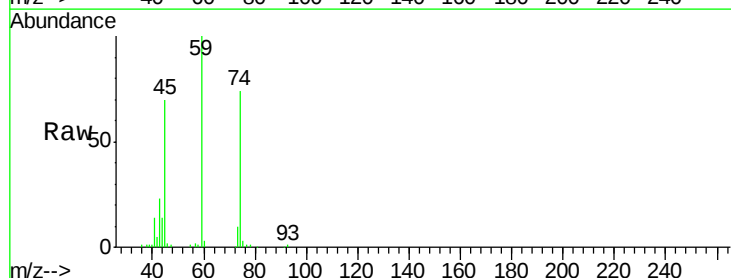
Tgt Ion:101 Resp: 66778
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5



#8

Diethyl Ether
 Concen: 21.816 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 74 Resp: 25396
 Ion Ratio Lower Upper
 74 100
 45 97.7 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.756 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

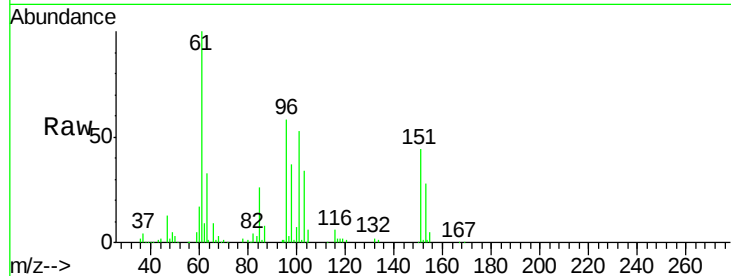
Tgt Ion:101 Resp: 37956

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

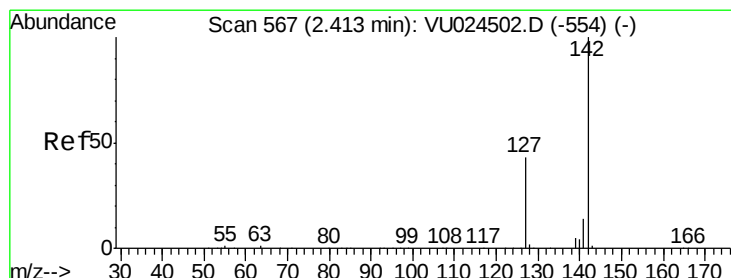
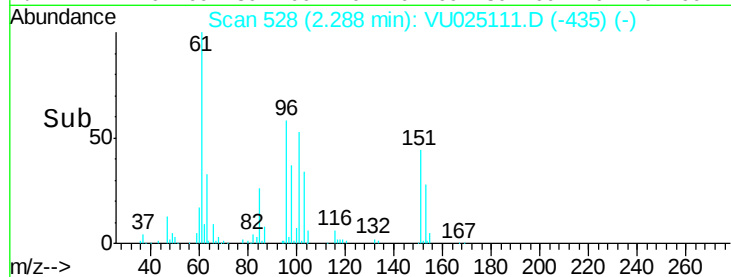
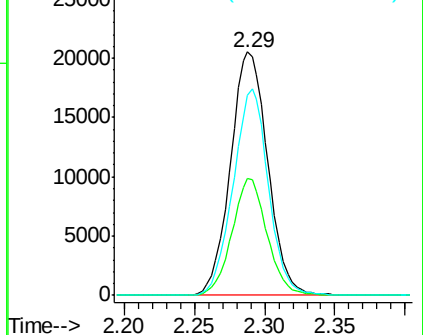
151 80.2 62.3 93.5



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: 23.746 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

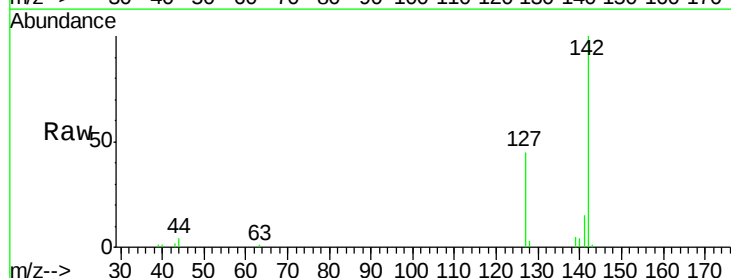
Tgt Ion:142 Resp: 35351

Ion Ratio Lower Upper

142 100

127 45.4 35.6 53.4

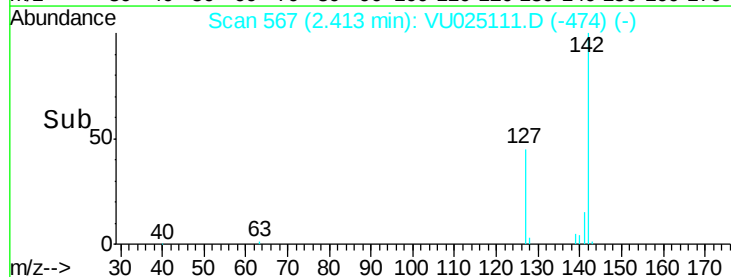
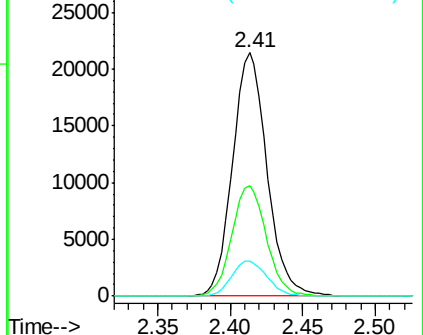
141 14.6 11.7 17.5

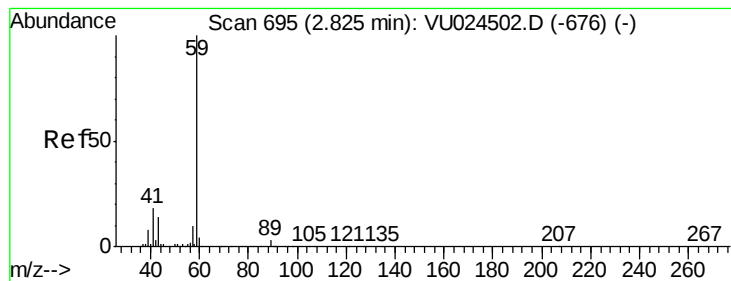


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



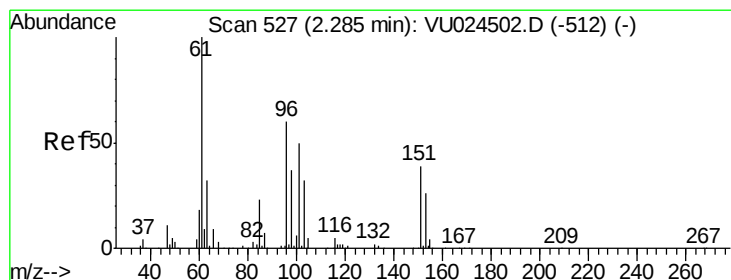
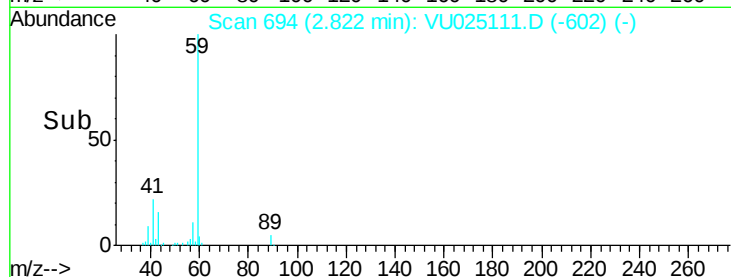
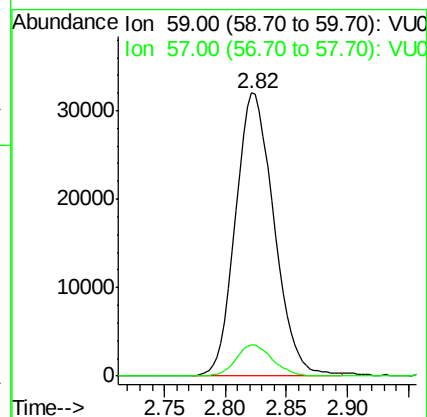
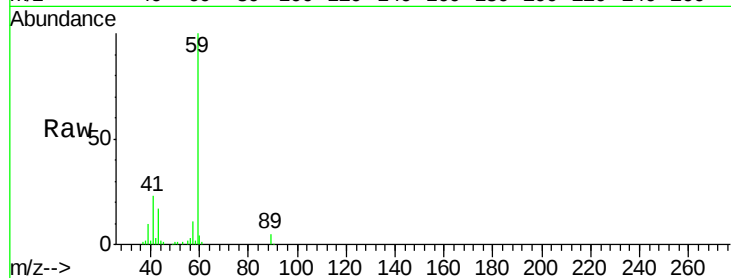


#11

Tert butyl alcohol
 Concen: 109.230 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

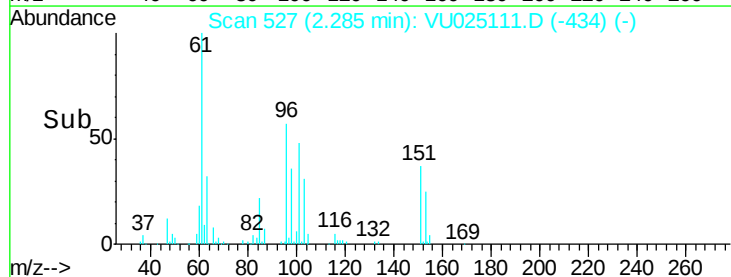
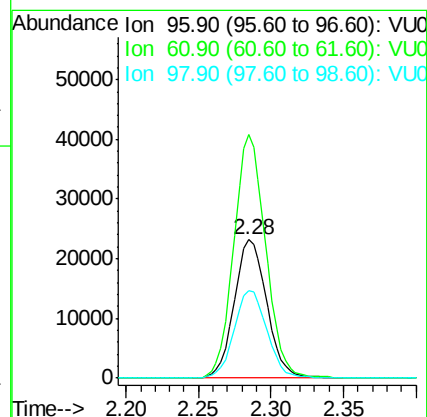
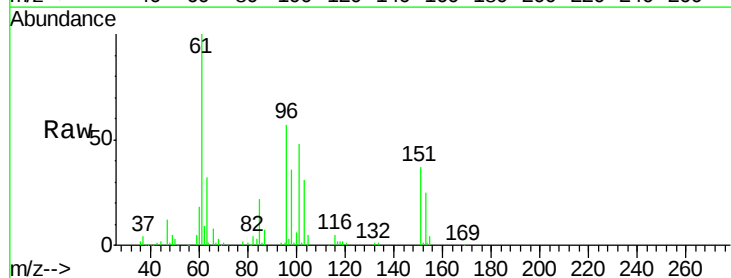
Tgt Ion: 59 Resp: 70292
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

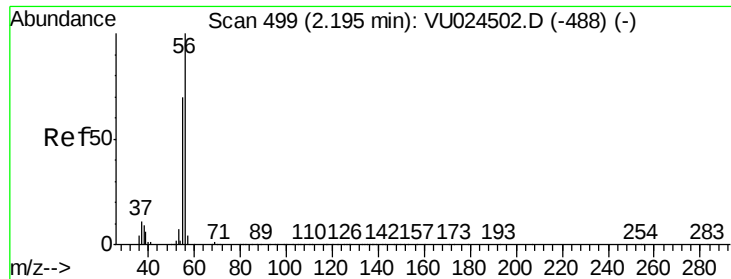


#12

1,1-Dichloroethene
 Concen: 19.630 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 96 Resp: 36228
 Ion Ratio Lower Upper
 96 100
 61 176.4 141.7 212.5
 98 63.7 51.6 77.4





#13

Acrolein

Concen: 59.042 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

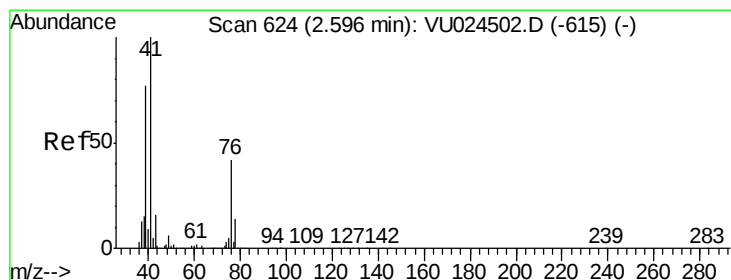
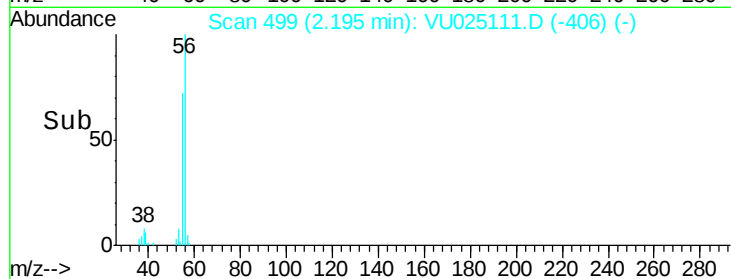
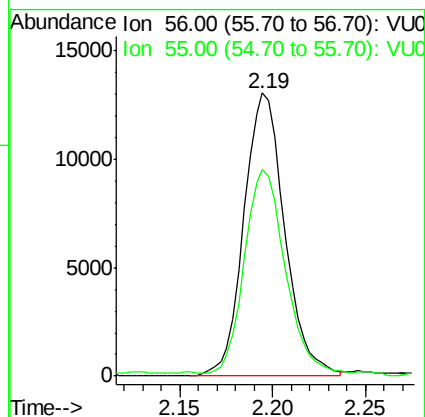
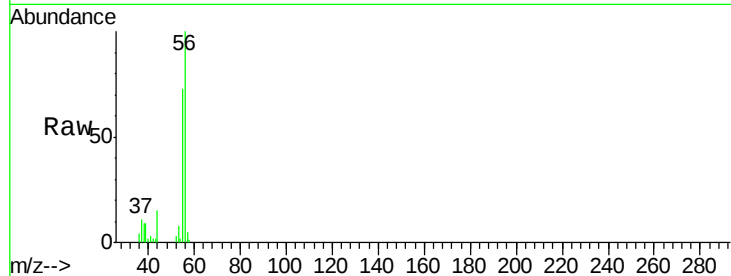
VU0630WBS02

Tgt Ion: 56 Resp: 19952

Ion Ratio Lower Upper

56 100

55 71.1 58.4 87.6



#14

Allyl chloride

Concen: 17.469 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

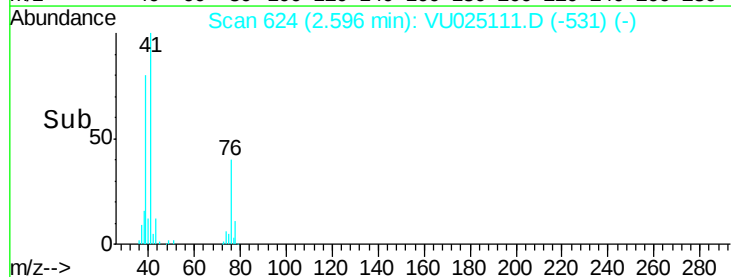
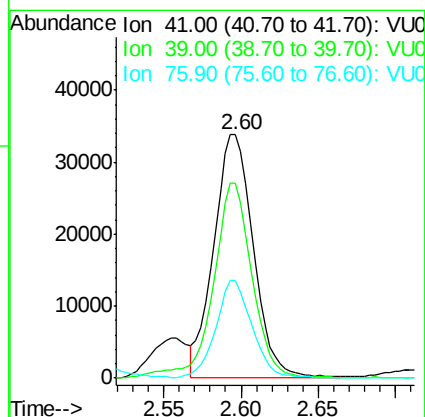
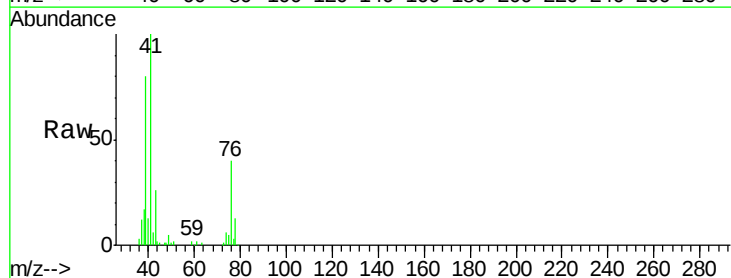
Tgt Ion: 41 Resp: 59860

Ion Ratio Lower Upper

41 100

39 77.2 61.6 92.4

76 37.1 29.7 44.5





#15

Acrylonitrile

Concen: 107.055 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

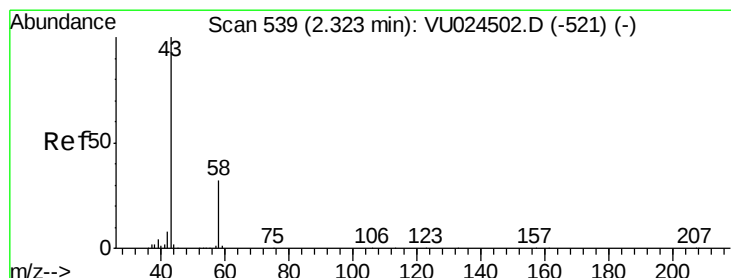
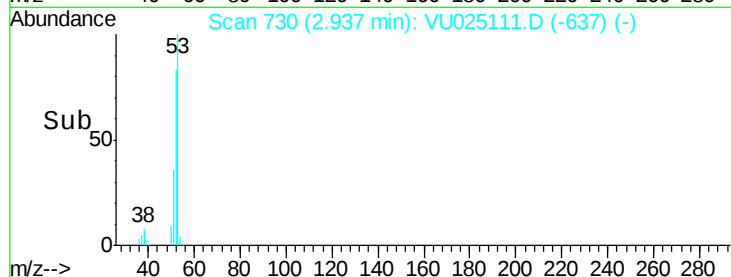
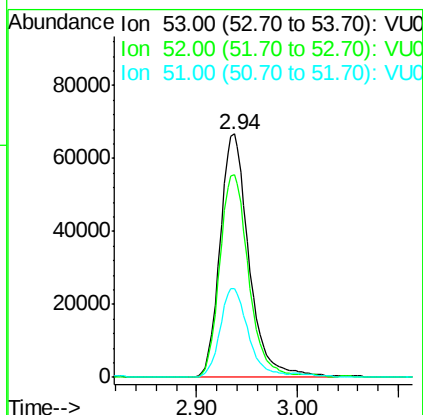
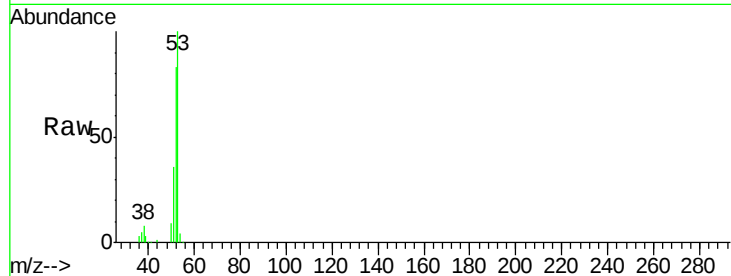
Tgt Ion: 53 Resp: 134039

Ion Ratio Lower Upper

53 100

52 83.4 67.1 100.7

51 35.6 28.4 42.6



#16

Acetone

Concen: 91.905 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025111.D

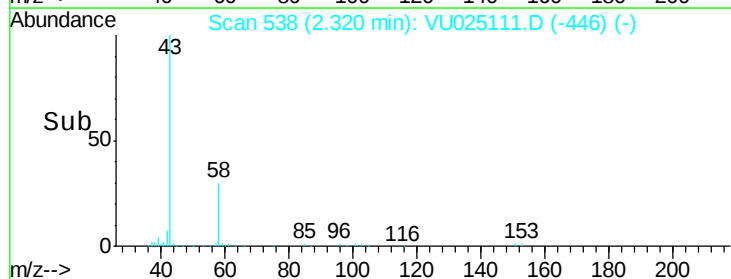
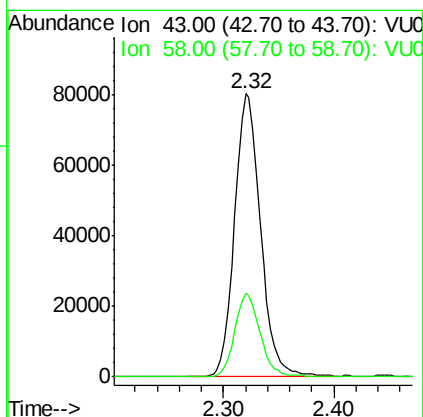
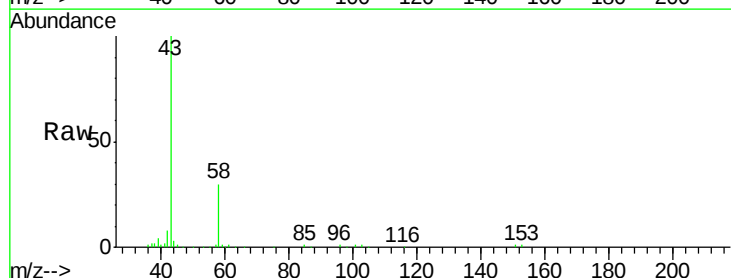
Acq: 01 Jul 2018 01:17

Tgt Ion: 43 Resp: 130660

Ion Ratio Lower Upper

43 100

58 29.6 24.4 36.6





#17

Carbon Disulfide

Concen: 16.640 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

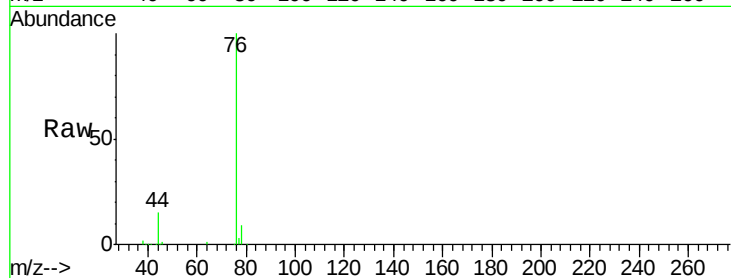
VU0630WBS02

Tgt Ion: 76 Resp: 98330

Ion Ratio Lower Upper

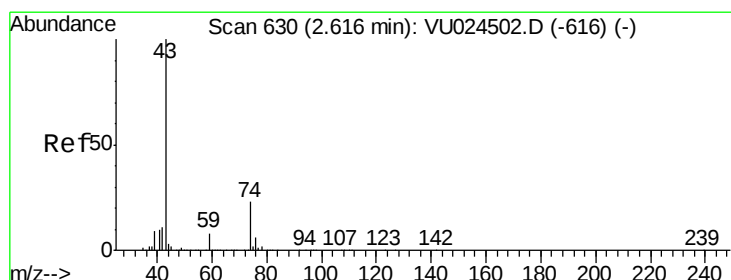
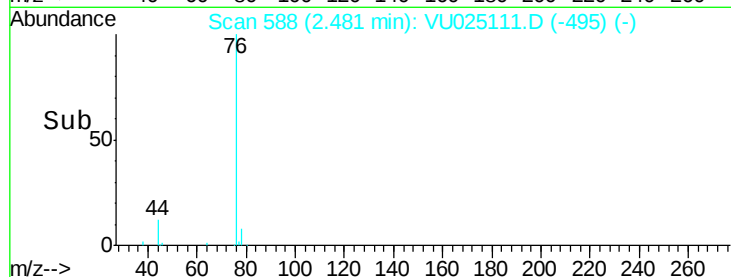
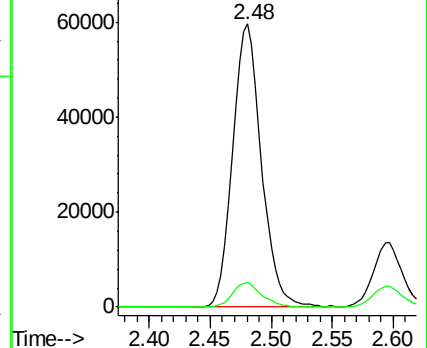
76 100

78 8.6 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: 26.555 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025111.D

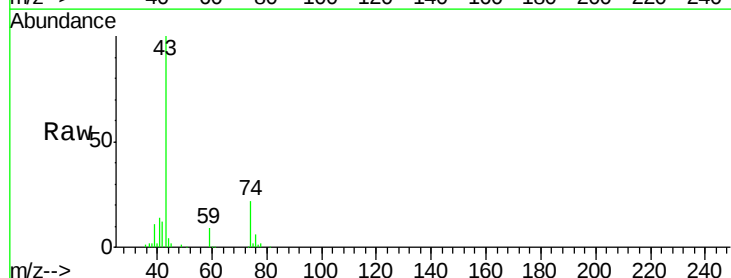
Acq: 01 Jul 2018 01:17

Tgt Ion: 43 Resp: 80935

Ion Ratio Lower Upper

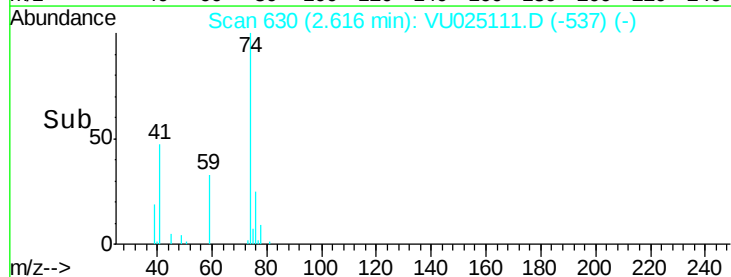
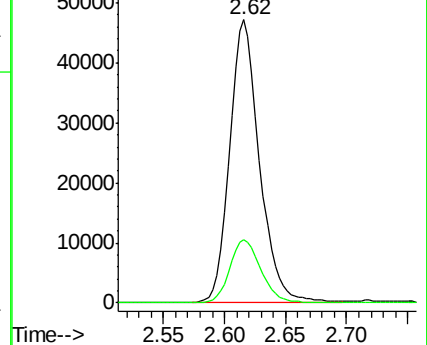
43 100

74 23.1 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: 21.173 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

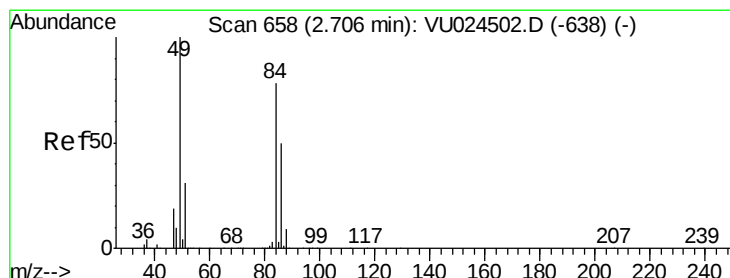
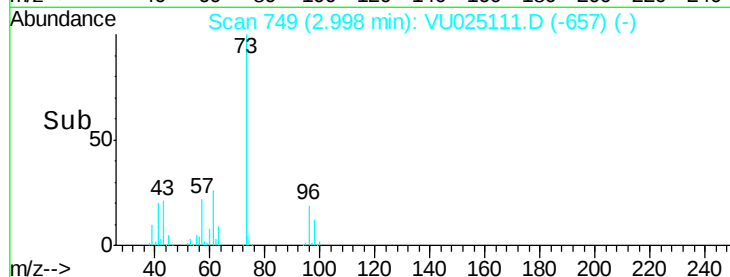
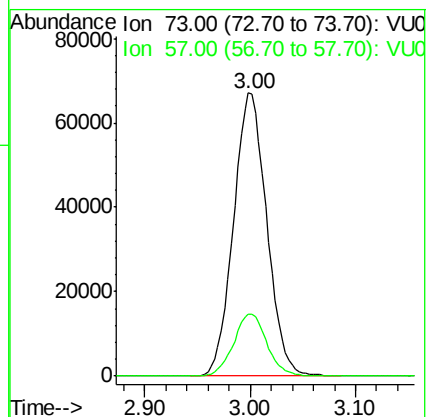
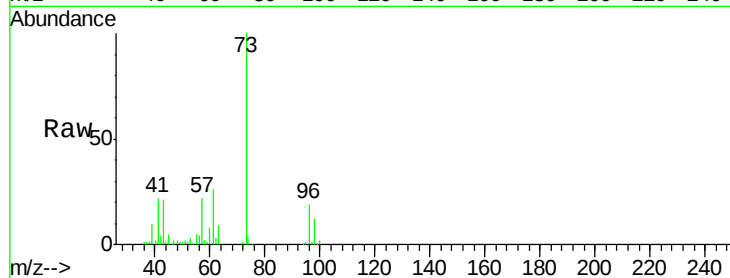
VU0630WBS02

Tgt Ion: 73 Resp: 146883

Ion Ratio Lower Upper

73 100

57 21.8 18.8 28.2



#20

Methylene Chloride

Concen: 20.584 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Tgt Ion: 84 Resp: 45917

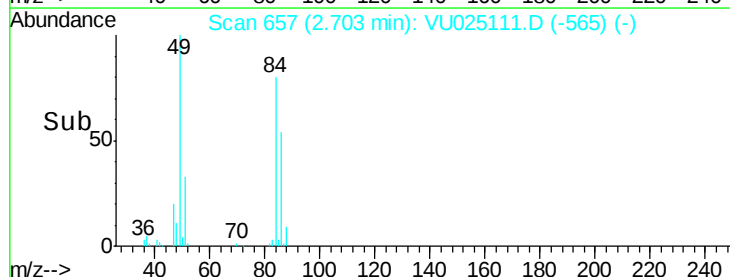
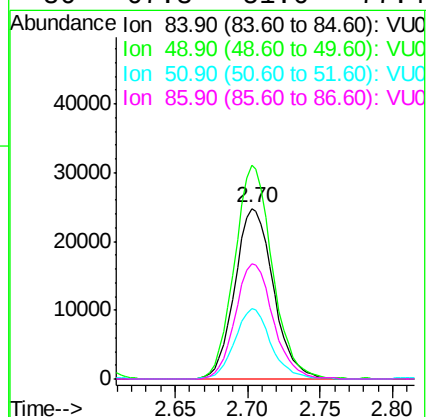
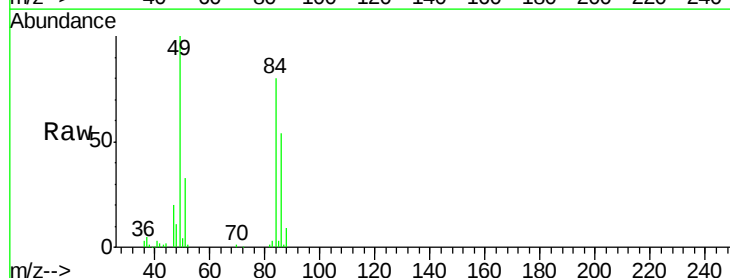
Ion Ratio Lower Upper

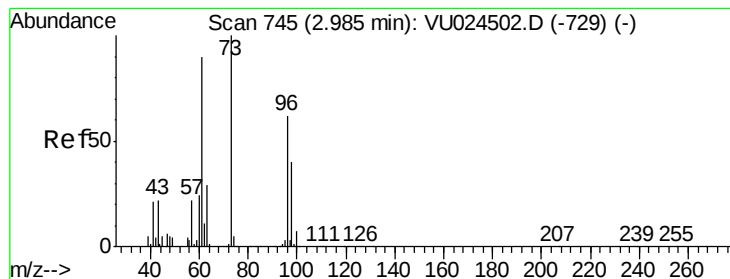
84 100

49 125.1 103.8 155.8

51 41.2 32.0 48.0

86 67.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.416 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

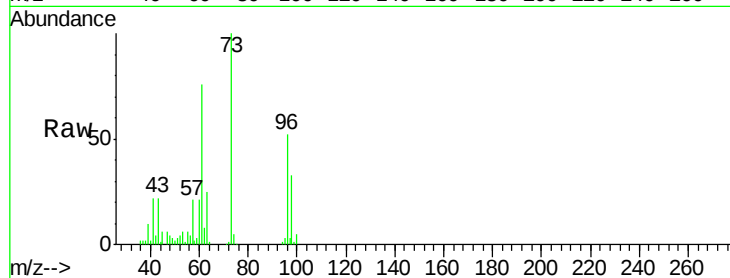
Tgt Ion: 96 Resp: 39466

Ion Ratio Lower Upper

96 100

61 146.9 119.4 179.0

98 64.4 51.1 76.7

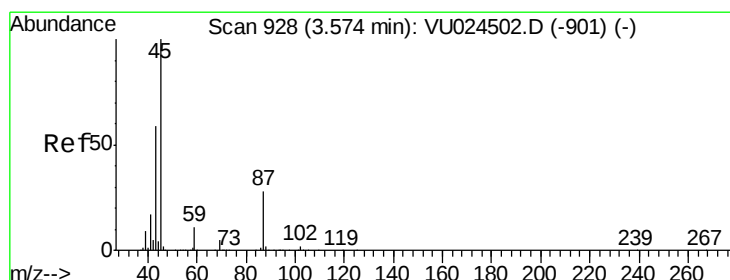
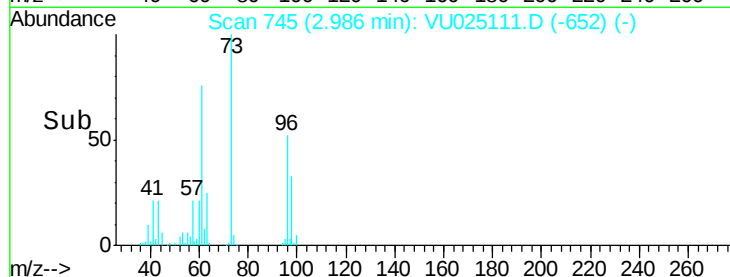
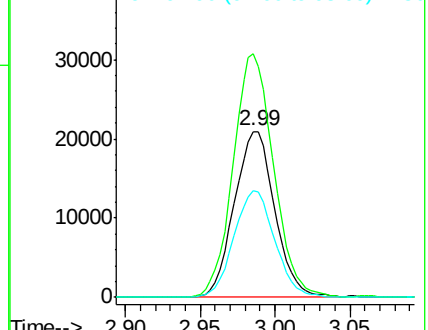


Abundance

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: 20.589 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Tgt Ion: 45 Resp: 139858

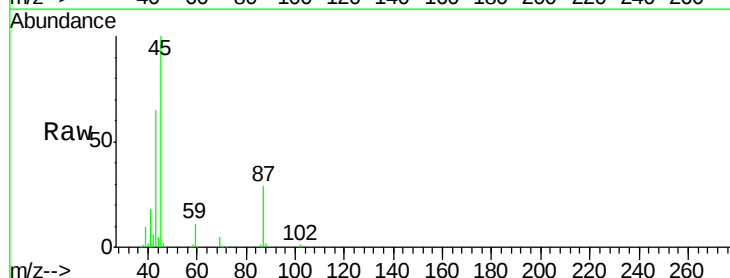
Ion Ratio Lower Upper

45 100

43 62.8 45.8 68.6

87 29.0 20.6 31.0

59 11.2 9.4 14.0



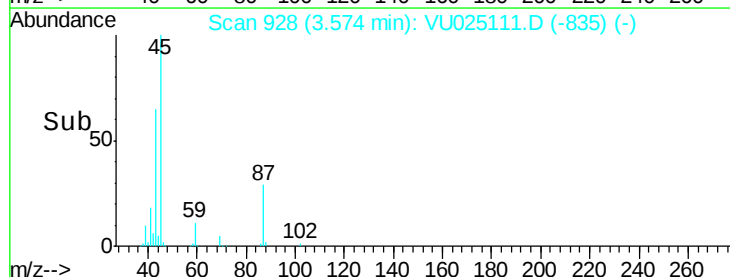
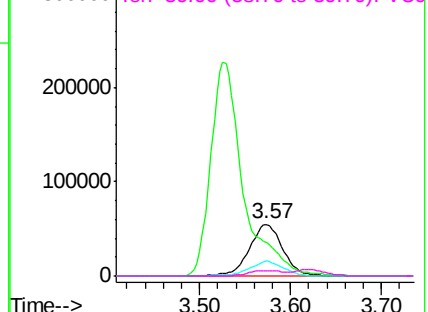
Abundance

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: 92.605 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

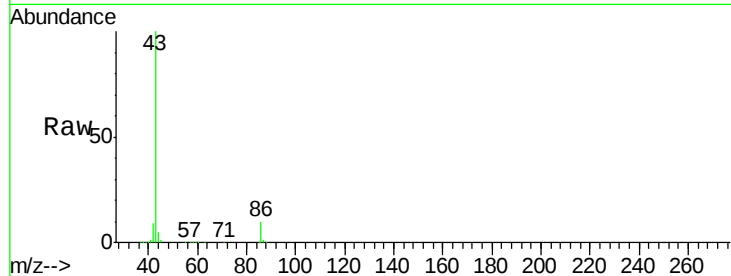
VU0630WBS02

Tgt Ion: 43 Resp: 563491

Ion Ratio Lower Upper

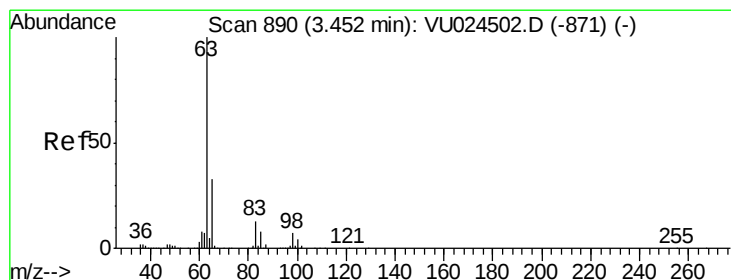
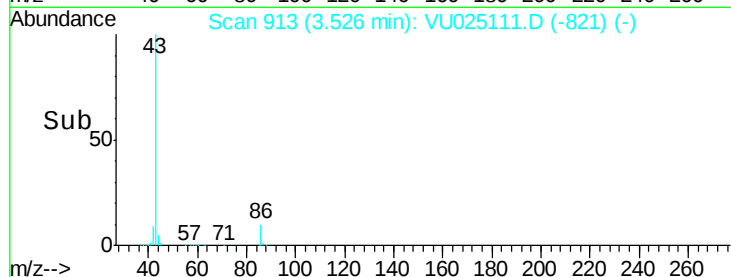
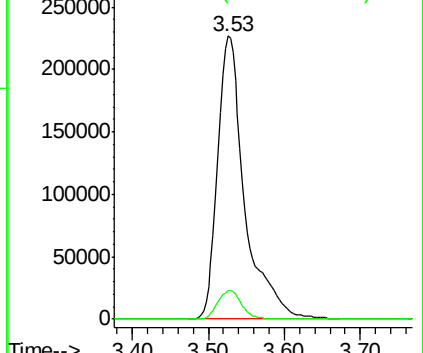
43 100

86 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.255 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

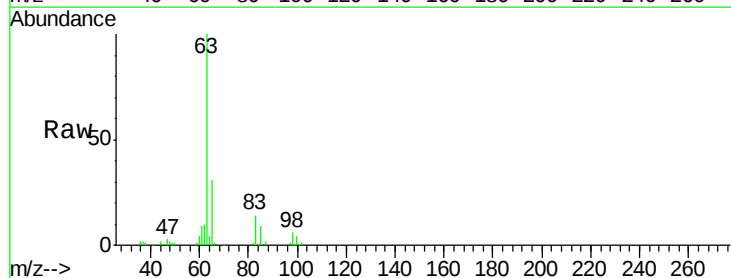
Tgt Ion: 63 Resp: 79149

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

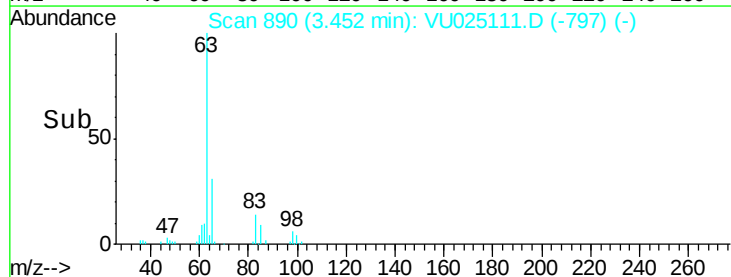
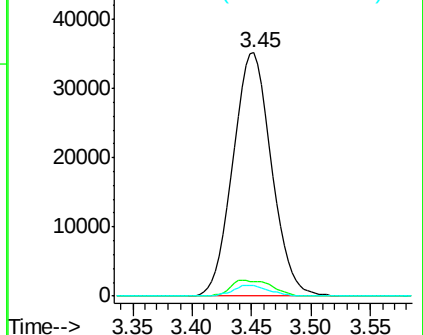
100 4.4 1.8 5.5



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

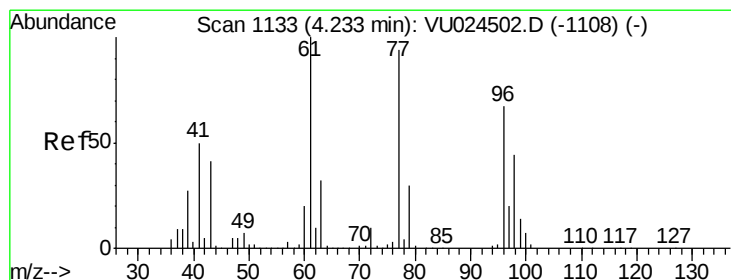
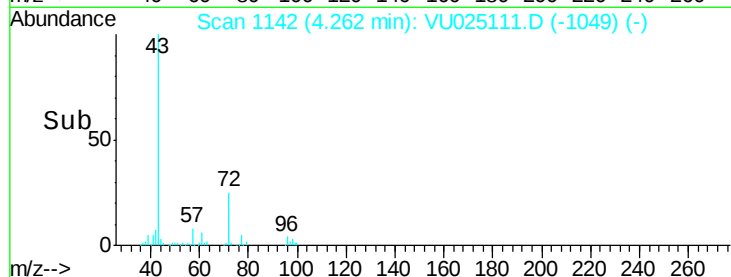
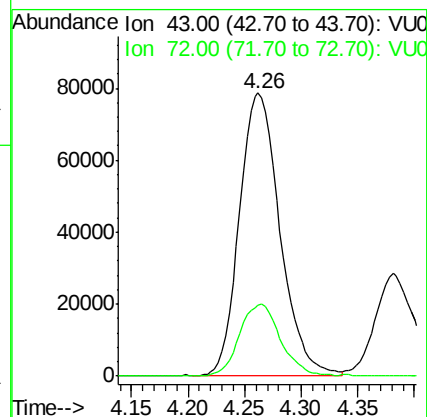
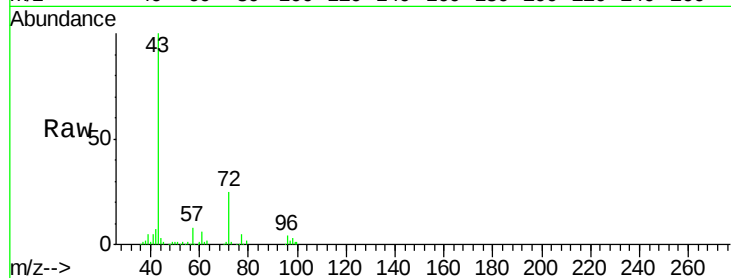




#25
2-Butanone
Concen: 102.404 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

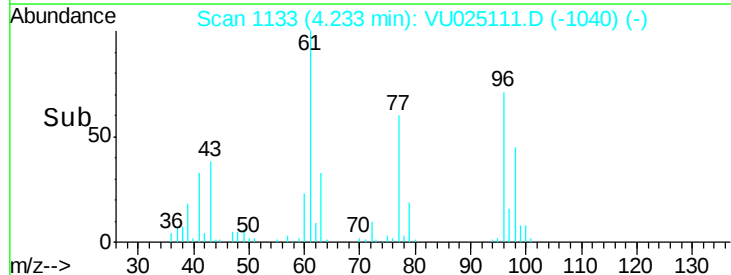
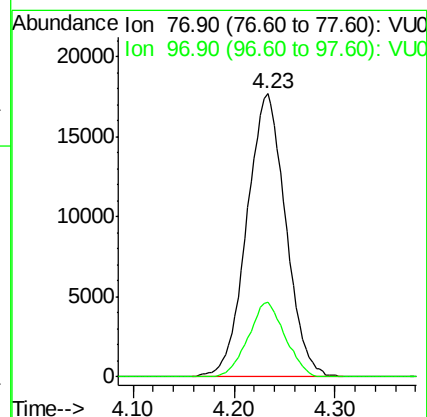
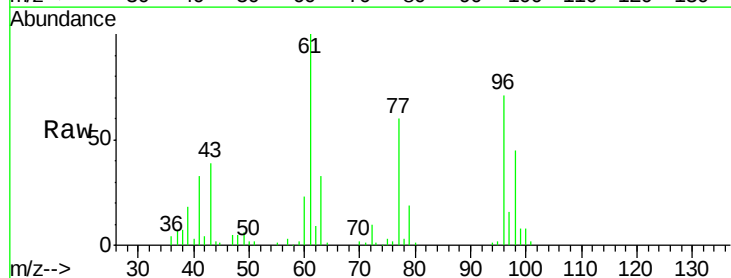
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

Tgt Ion: 43 Resp: 195555
Ion Ratio Lower Upper
43 100
72 25.1 19.6 29.4



#26
2,2-Dichloropropane
Concen: 12.708 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

Tgt Ion: 77 Resp: 47155
Ion Ratio Lower Upper
77 100
97 24.9 11.3 33.8

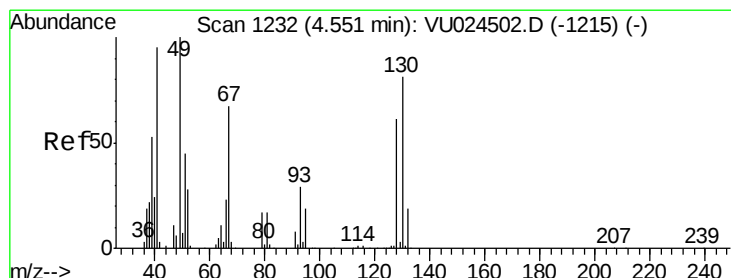
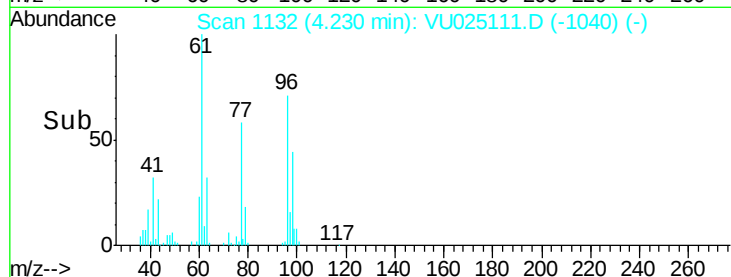
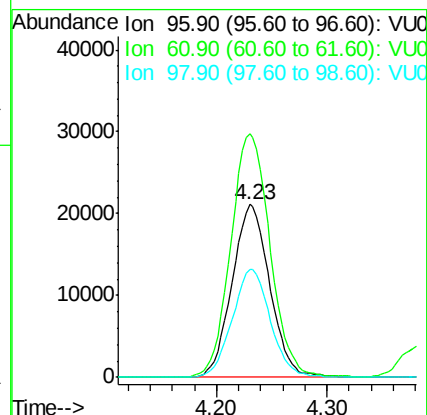
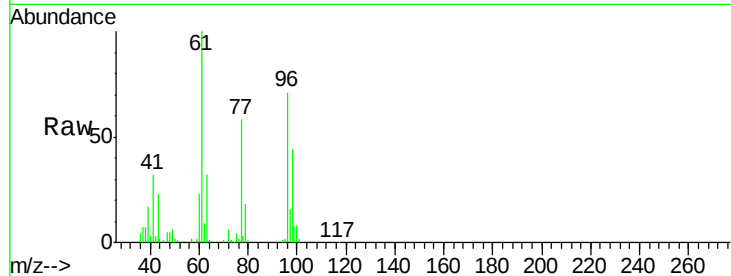




#27
 cis-1,2-Dichloroethene
 Concen: 21.459 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

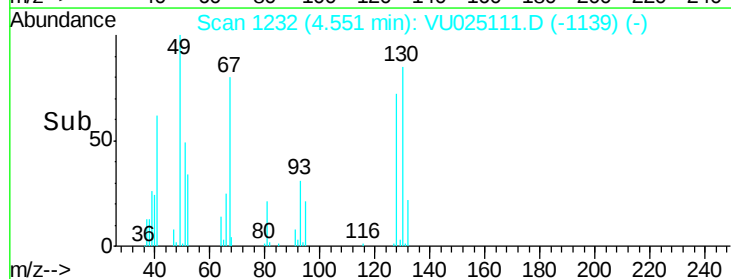
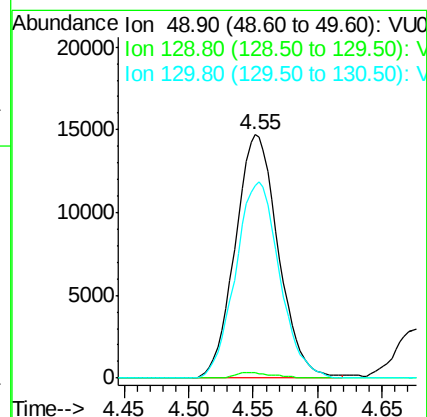
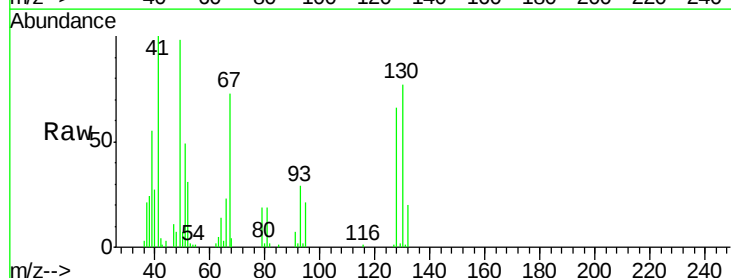
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

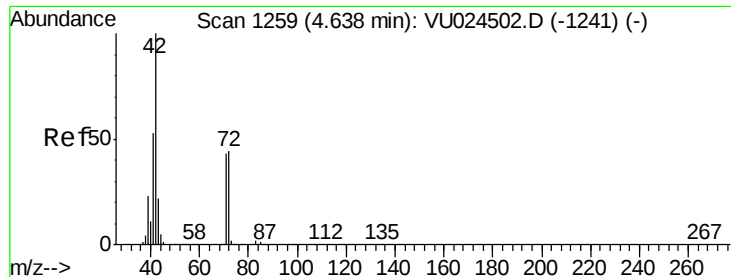
Tgt Ion: 96 Resp: 50146
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 306.6
 98 63.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.848 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 49 Resp: 34163
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 82.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 105.455 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

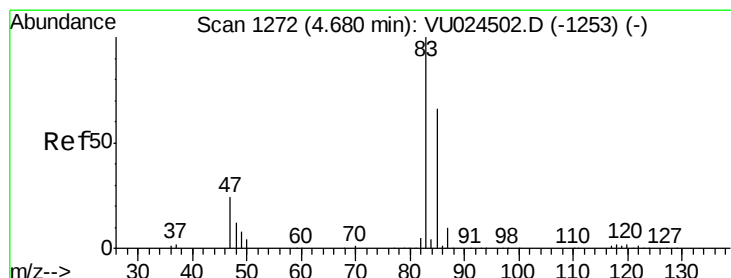
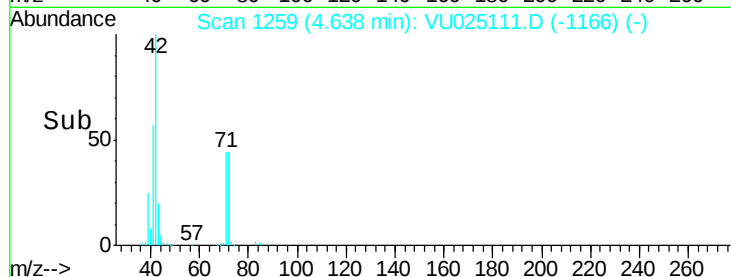
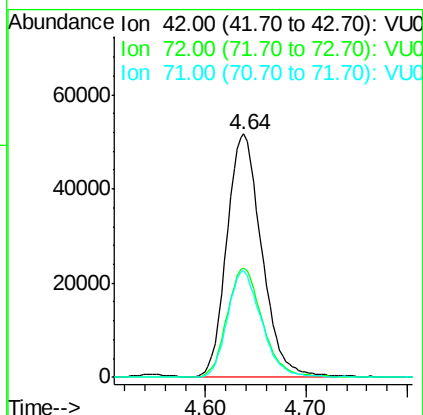
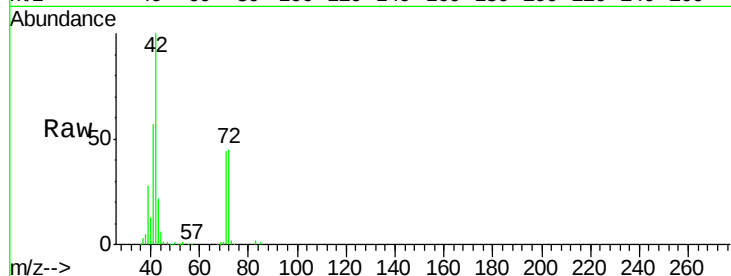
Tgt Ion: 42 Resp: 124709

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

71 42.6 32.2 48.4



#30

Chloroform

Concen: 21.440 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025111.D

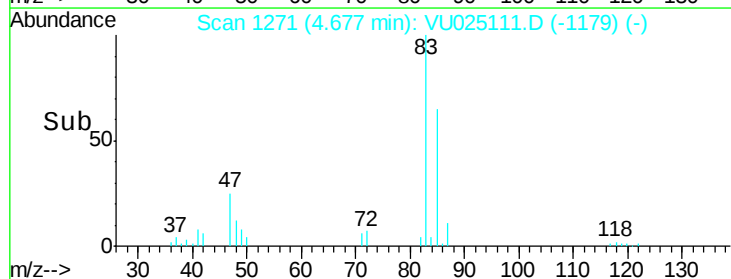
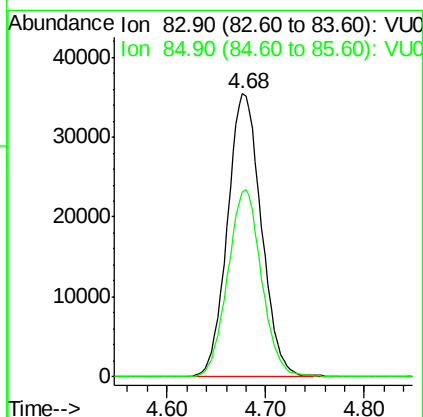
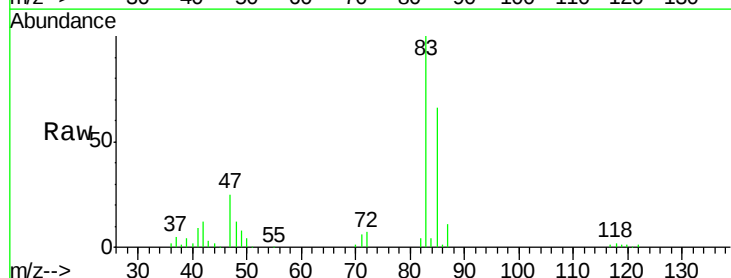
Acq: 01 Jul 2018 01:17

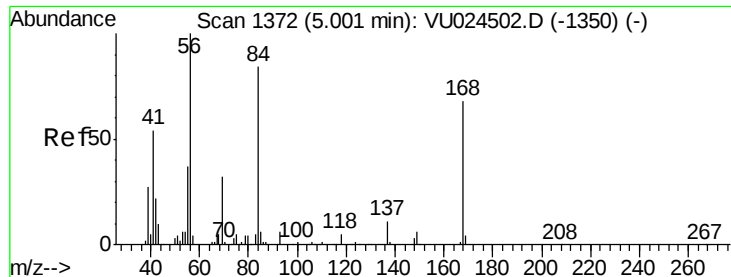
Tgt Ion: 83 Resp: 84801

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6

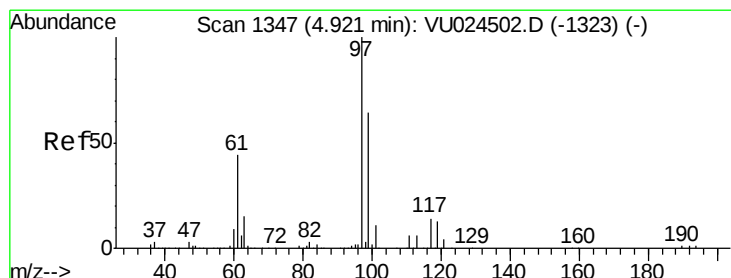
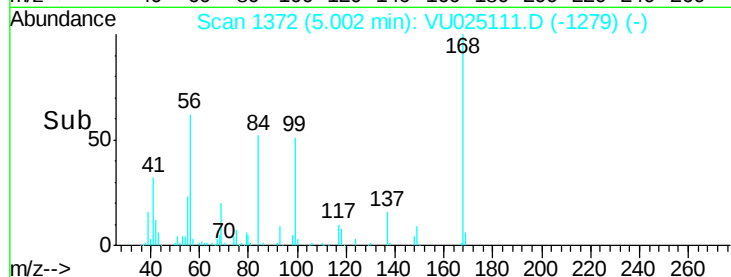
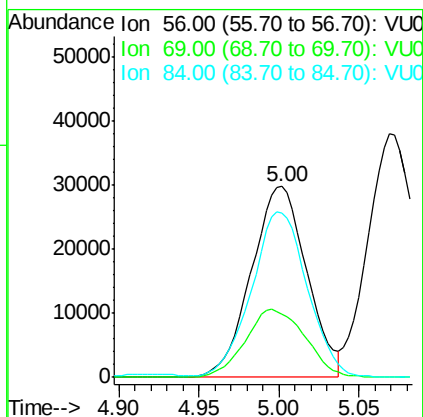
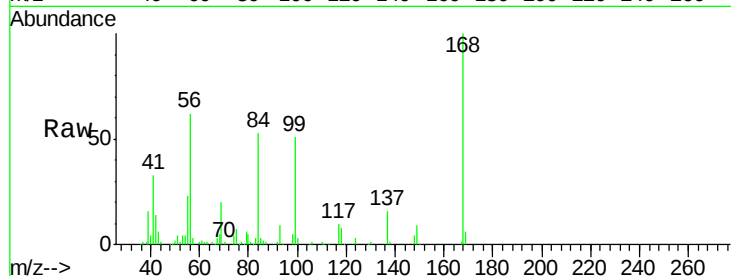




#31
Cyclohexane
Concen: 19.361 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

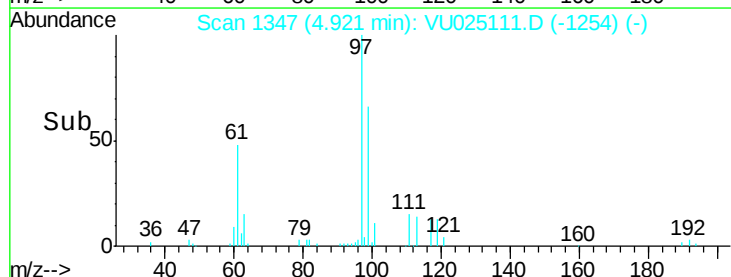
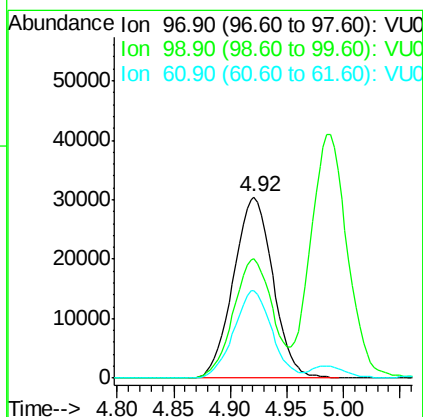
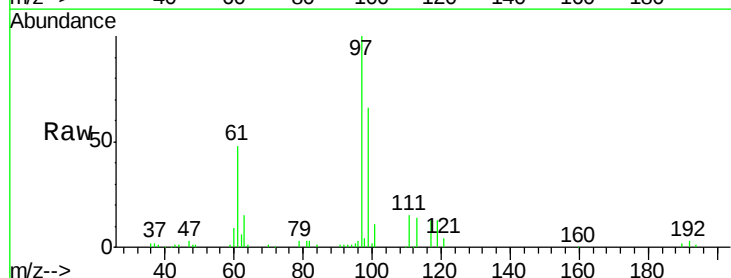
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

Tgt Ion: 56 Resp: 71384
Ion Ratio Lower Upper
56 100
69 32.9 24.8 37.2
84 85.1 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 20.295 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

Tgt Ion: 97 Resp: 74227
Ion Ratio Lower Upper
97 100
99 66.1 51.0 76.6
61 46.1 39.4 59.0

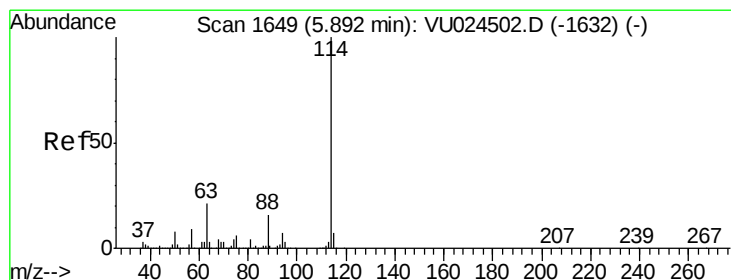
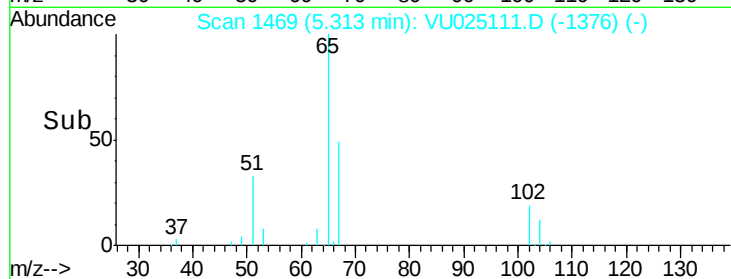
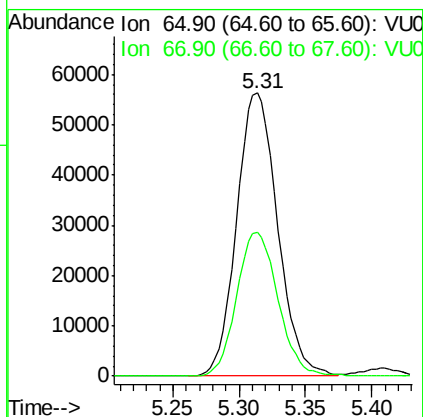
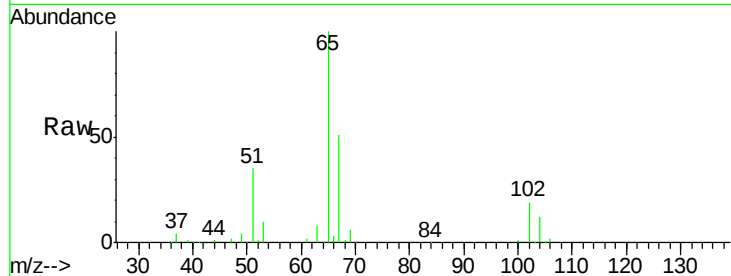




#33
 1,2-Dichloroethane-d4
 Concen: 45.692 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

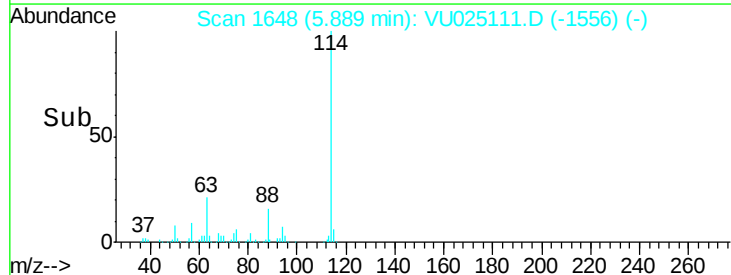
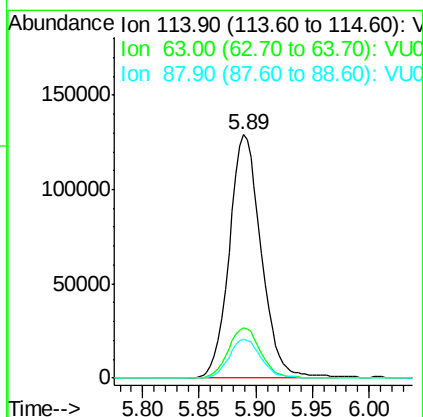
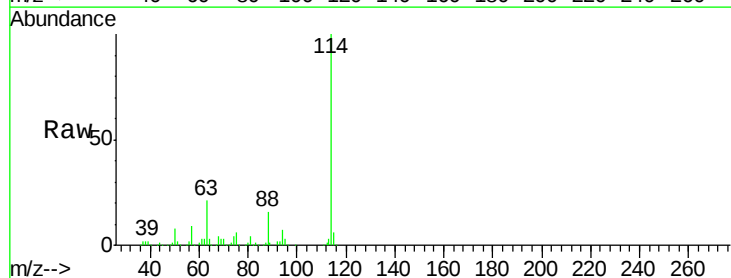
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Tgt Ion: 65 Resp: 120901
 Ion Ratio Lower Upper
 65 100
 67 51.0 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: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 114 Resp: 253326
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 15.8 0.0 31.0

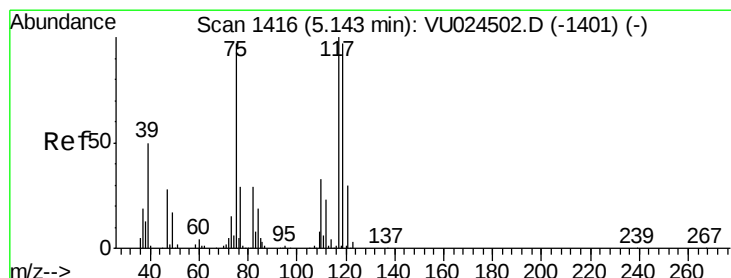
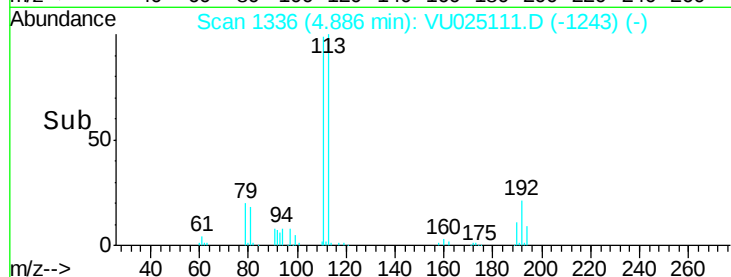
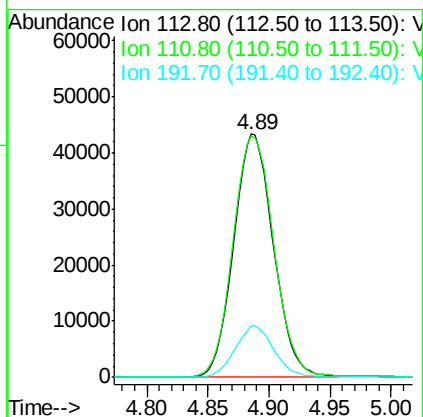
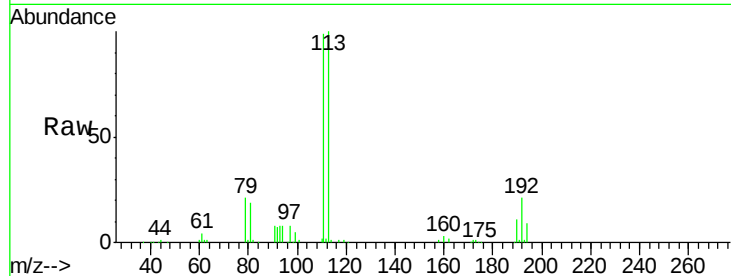




#35
 Dibromofluoromethane
 Concen: 46.473 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

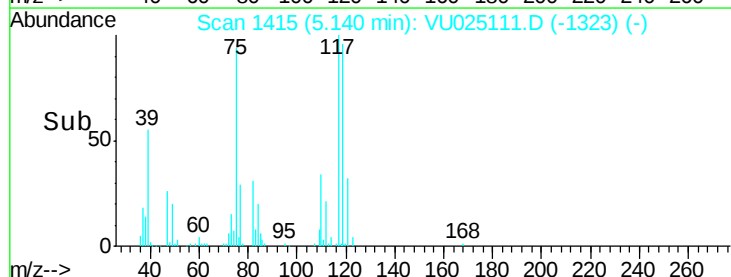
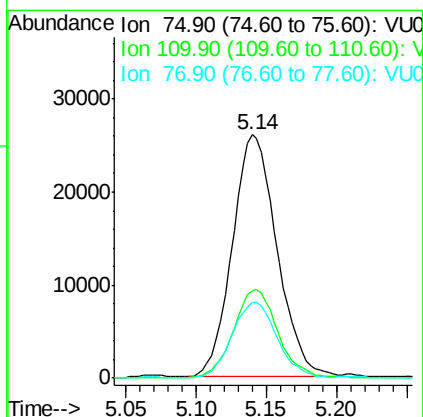
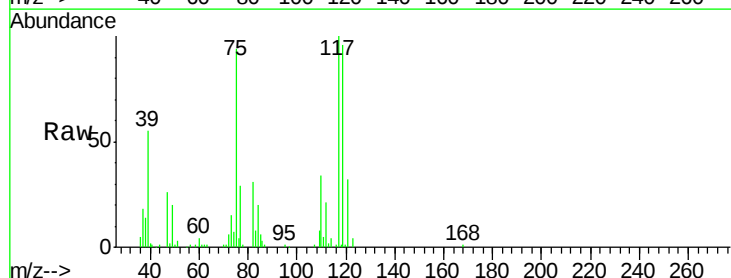
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

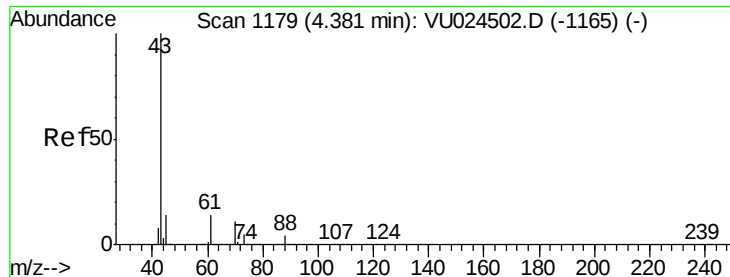
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	20.6	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 19.410 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.0	50.9
77	31.7	24.2	36.4

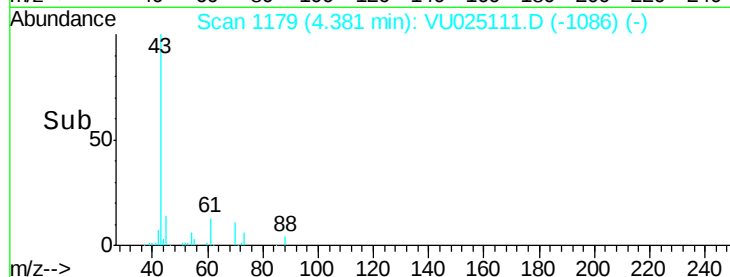
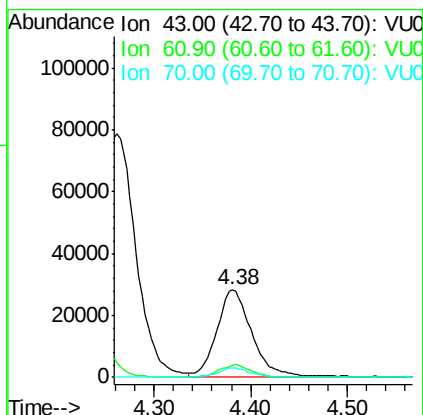
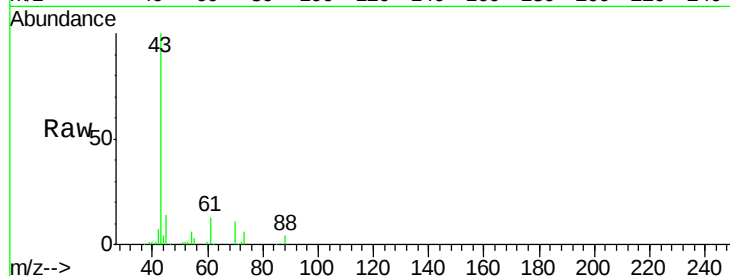




#37
Ethyl Acetate
Concen: 21.407 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

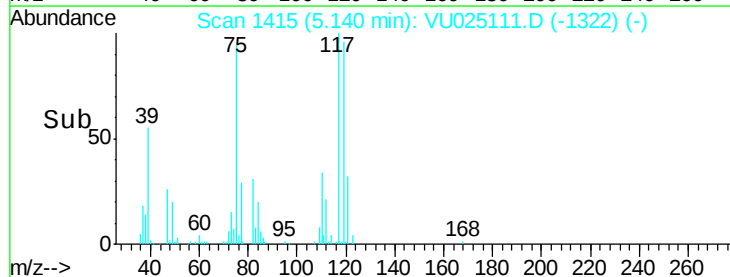
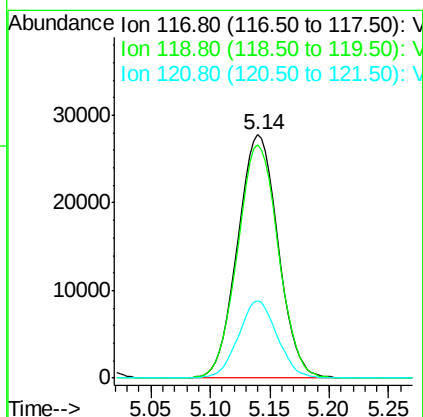
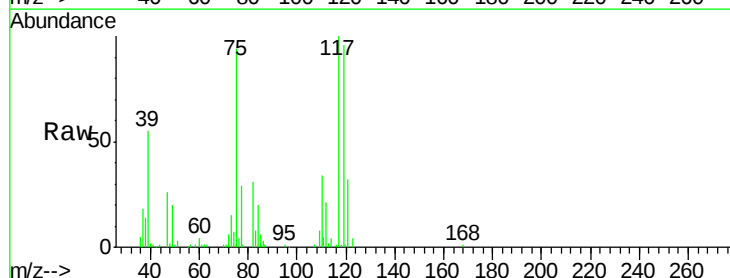
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

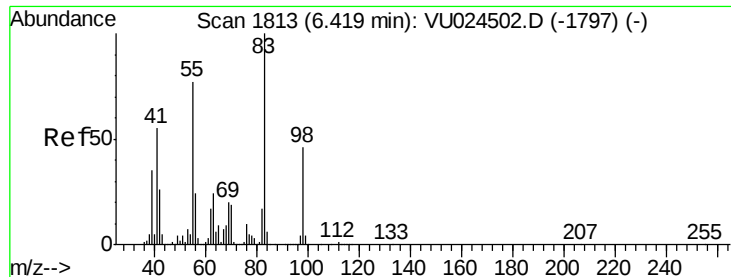
Tgt Ion: 43 Resp: 69455
Ion Ratio Lower Upper
43 100
61 13.7 10.5 15.7
70 10.5 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.989 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

Tgt Ion: 117 Resp: 65434
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1
121 31.6 23.7 35.5

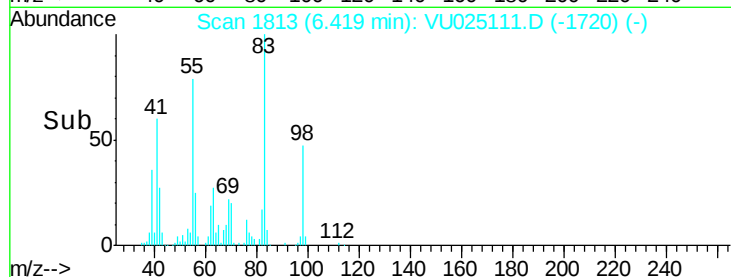
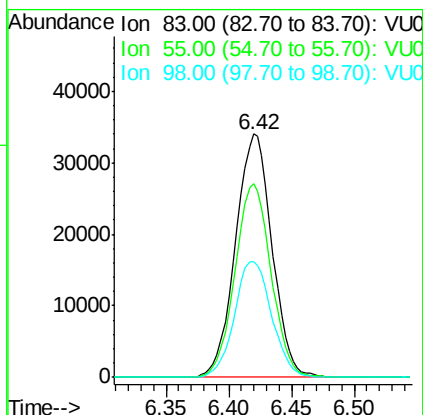
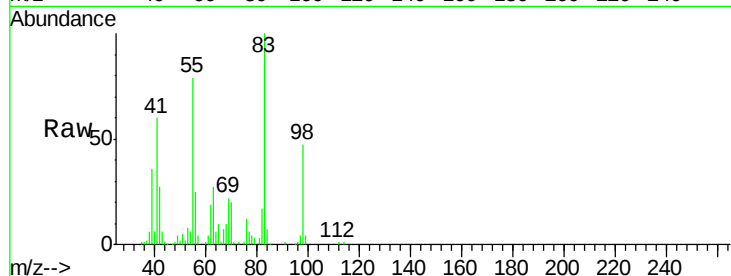




#39
Methylcyclohexane
Concen: 18.563 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

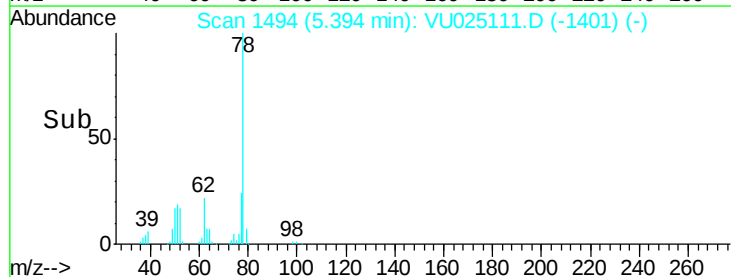
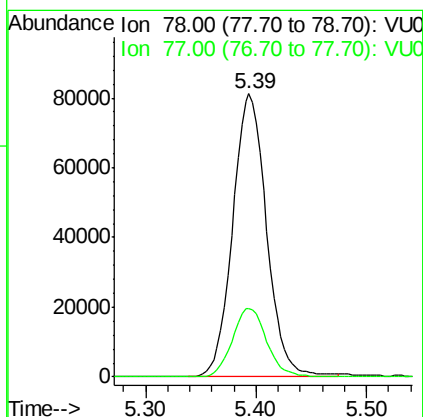
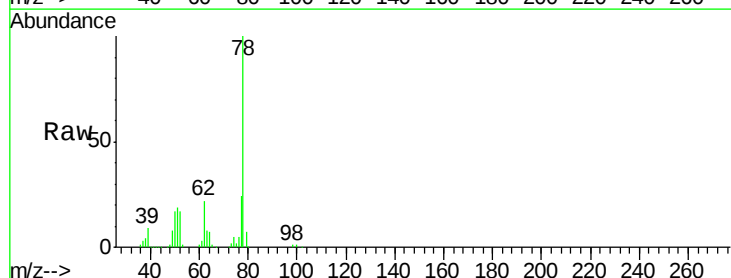
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

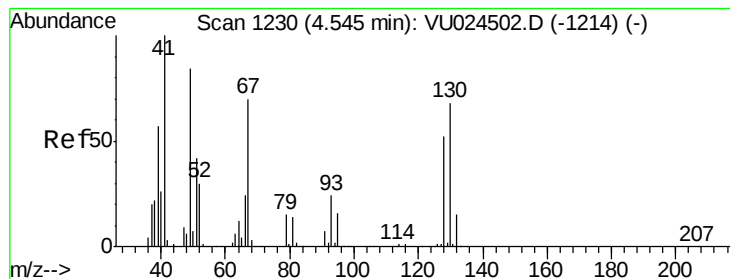
Tgt Ion: 83 Resp: 68959
Ion Ratio Lower Upper
83 100
55 79.5 65.8 98.6
98 47.5 36.7 55.1



#40
Benzene
Concen: 20.408 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

Tgt Ion: 78 Resp: 173103
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8





#41

Methacrylonitrile

Concen: 21.965 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

Tgt Ion: 41 Resp: 38424

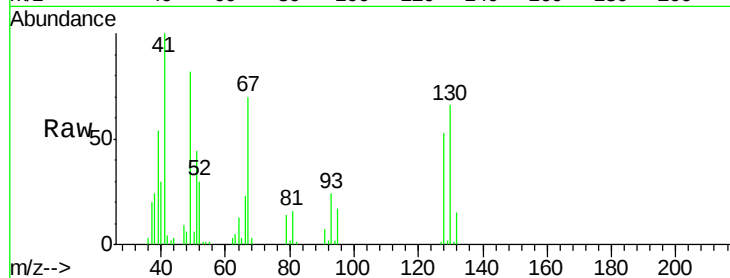
Ion Ratio Lower Upper

41 100

39 56.8 43.8 65.6

67 72.1 56.3 84.5

52 31.2 23.2 34.8

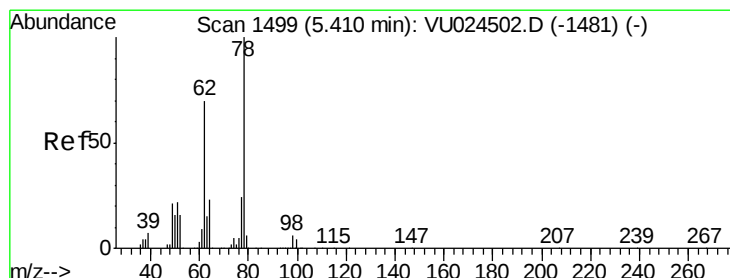
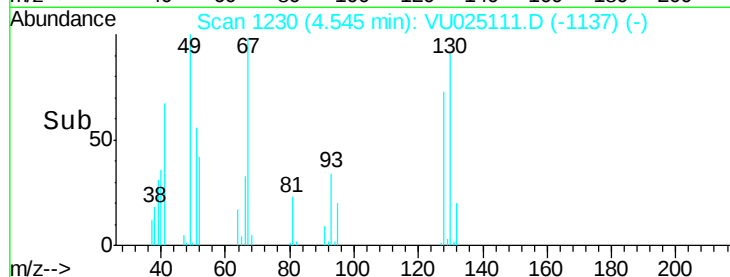
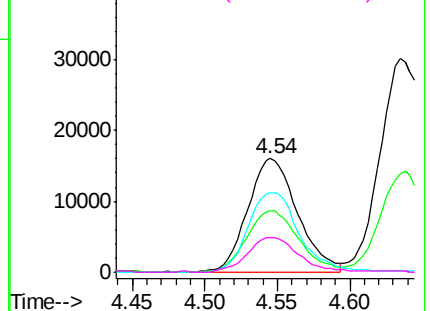


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 22.390 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025111.D

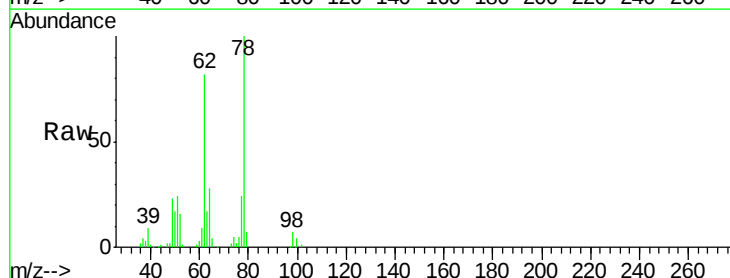
Acq: 01 Jul 2018 01:17

Tgt Ion: 62 Resp: 72332

Ion Ratio Lower Upper

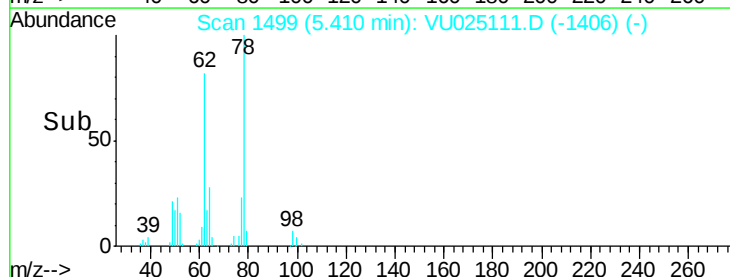
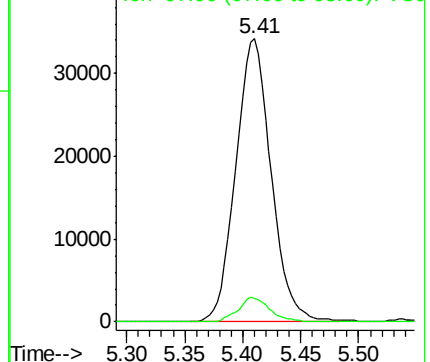
62 100

98 7.7 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

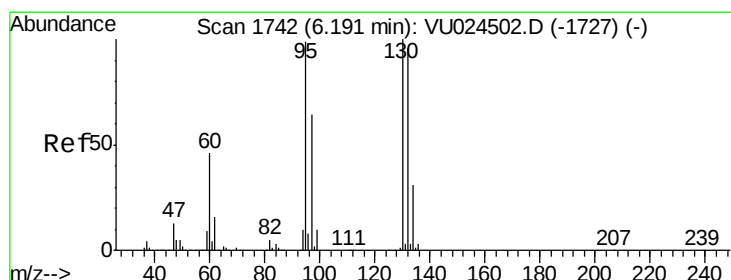
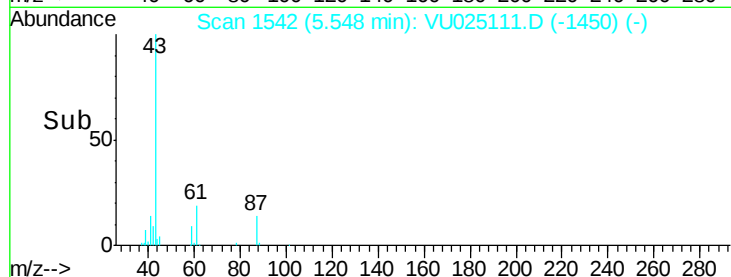
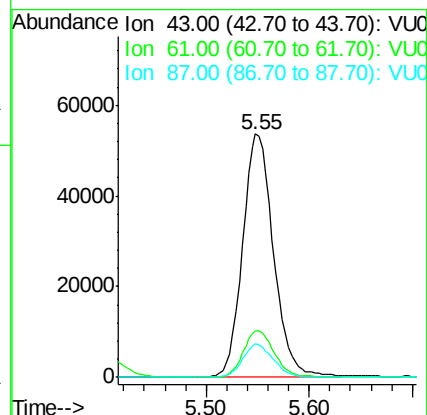
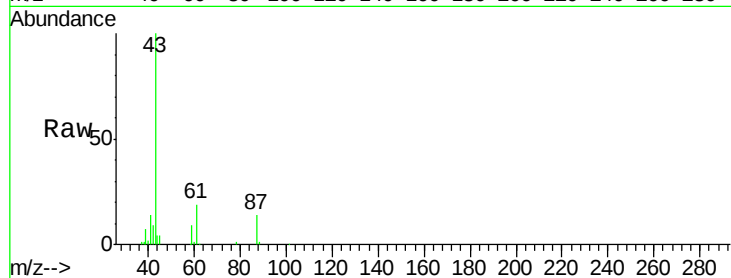




#43
Isopropyl Acetate
Concen: 19.967 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

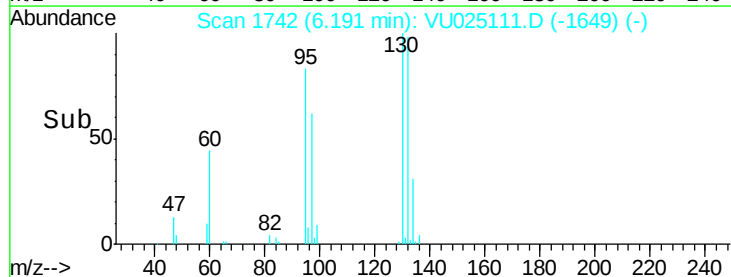
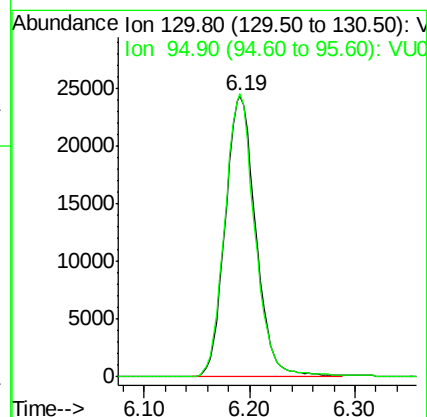
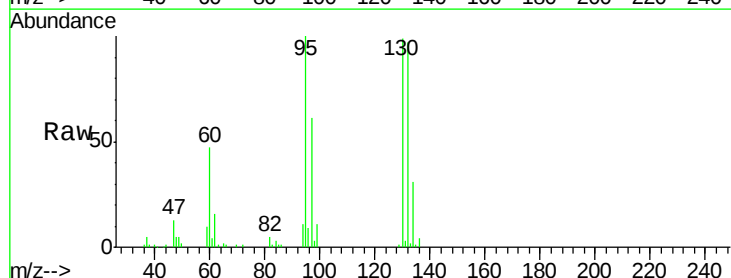
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

Tgt Ion: 43 Resp: 111978
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.4 10.0 15.0



#44
Trichloroethene
Concen: 20.236 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

Tgt Ion: 130 Resp: 48851
Ion Ratio Lower Upper
130 100
95 100.6 0.0 202.4

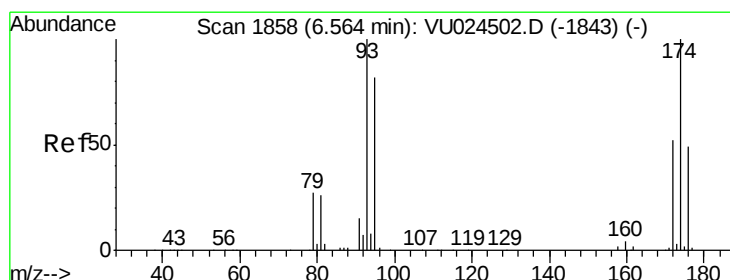
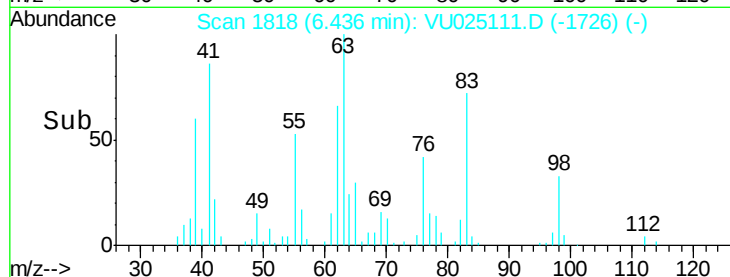
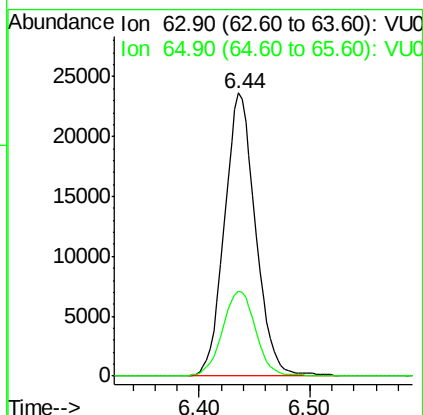
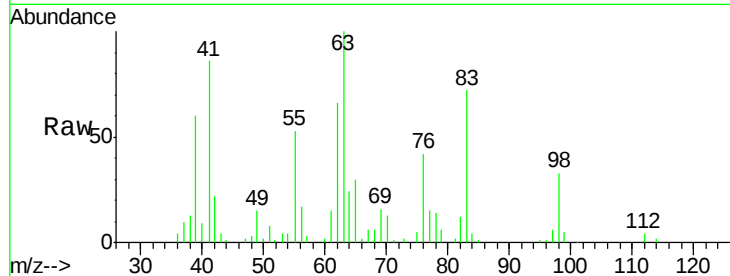




#45
 1,2-Dichloropropane
 Concen: 20.392 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

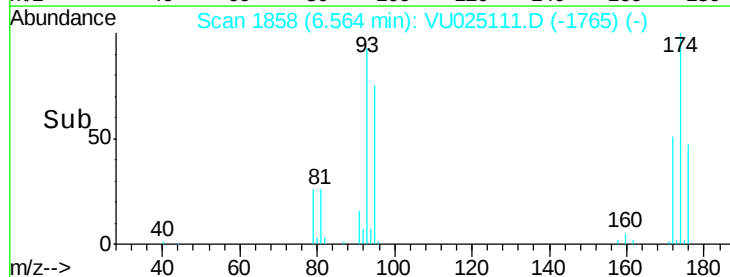
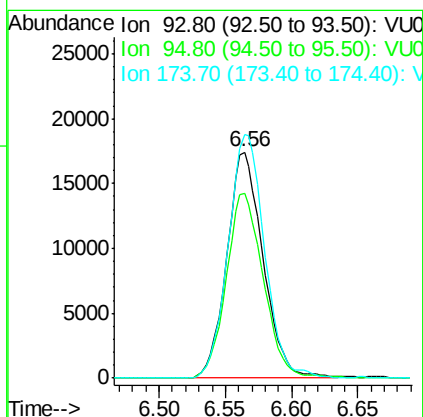
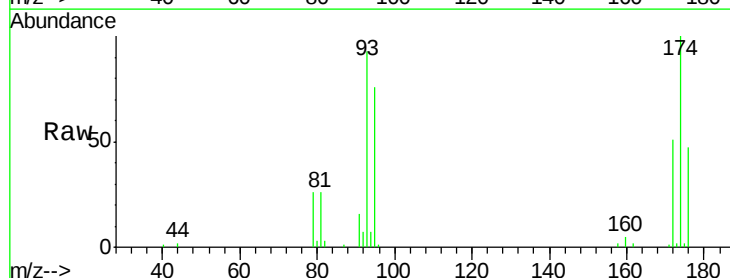
Instrument :
 MSVOA_U
 ClientSampled :
 VU0630WBS02

Tgt Ion: 63 Resp: 46152
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.8 37.2



#46
 Dibromomethane
 Concen: 20.814 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 93 Resp: 33088
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.5 98.3
 174 108.4 78.7 118.1





#47

Bromodichloromethane

Concen: 20.055 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

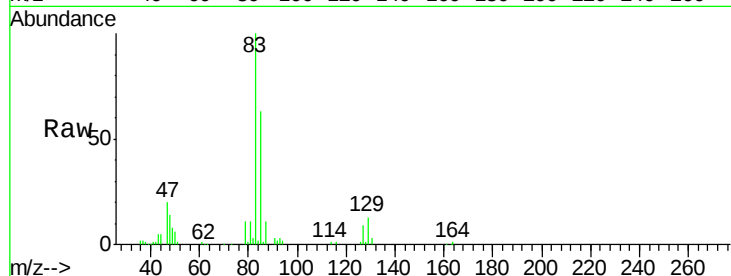
Tgt Ion: 83 Resp: 63487

Ion Ratio Lower Upper

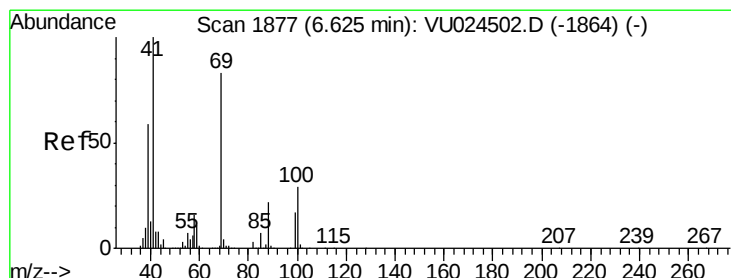
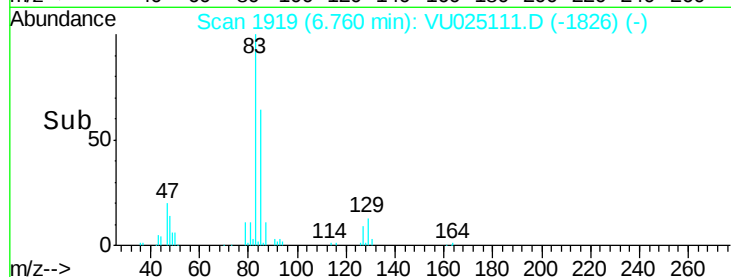
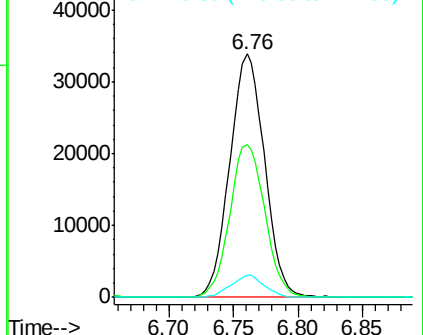
83 100

85 62.9 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: 21.664 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

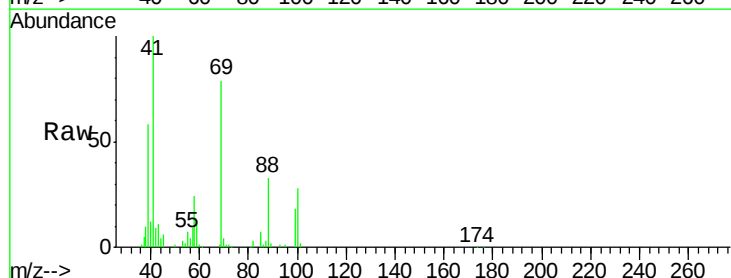
Tgt Ion: 41 Resp: 59161

Ion Ratio Lower Upper

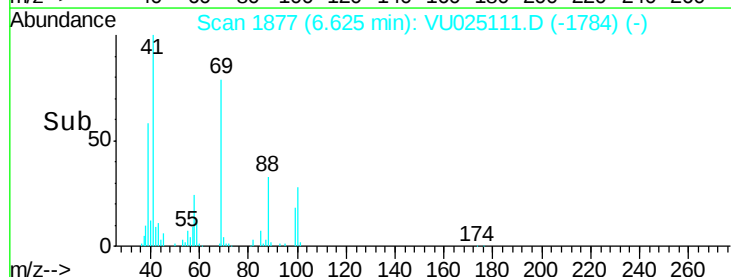
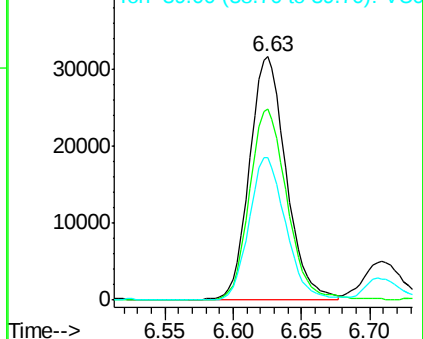
41 100

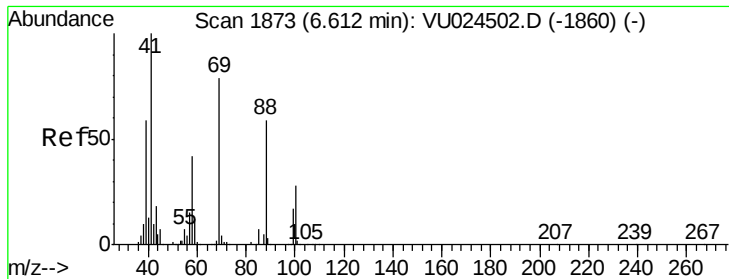
69 79.9 67.3 100.9

39 58.4 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

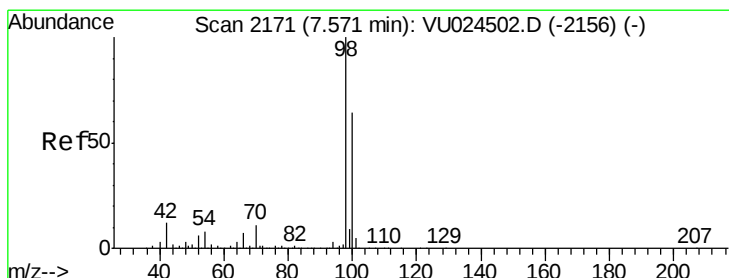
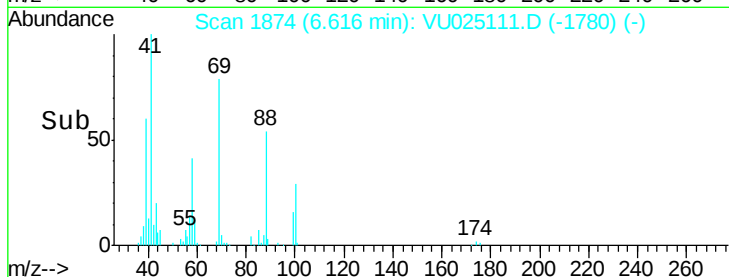
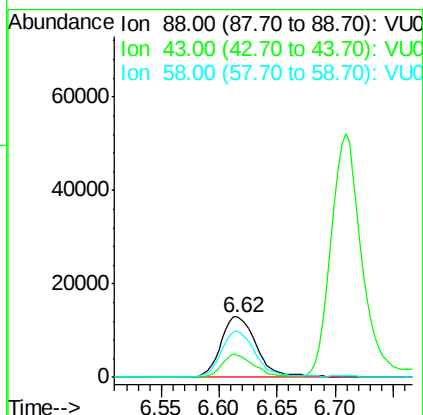
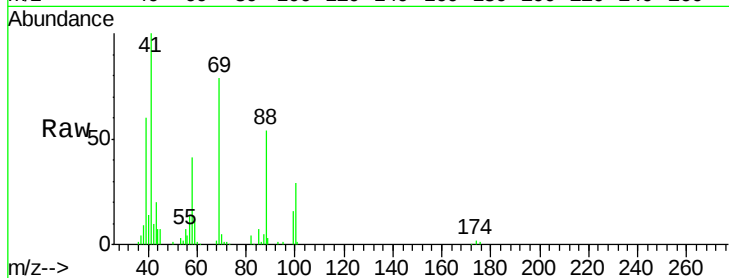




#49
 1,4-Dioxane
 Concen: 519.141 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

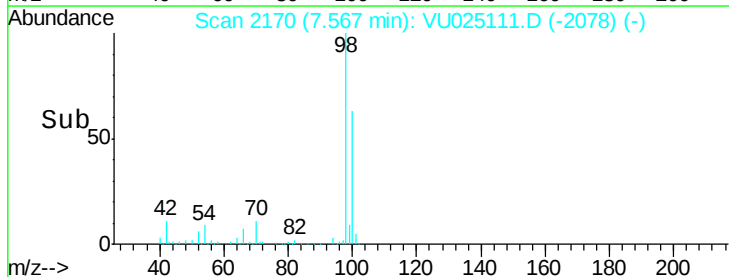
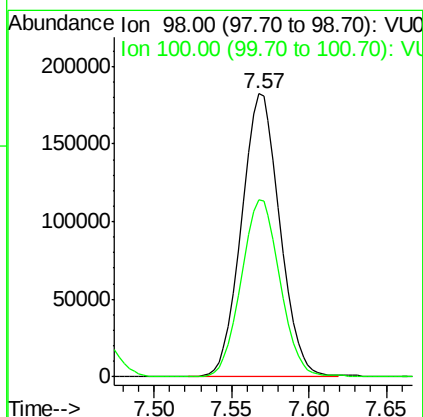
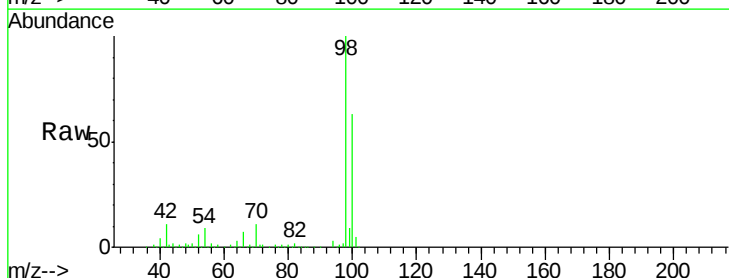
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Tgt Ion: 88 Resp: 27725
 Ion Ratio Lower Upper
 88 100
 43 34.9 28.6 42.8
 58 72.5 58.2 87.4



#50
 Toluene-d8
 Concen: 40.971 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 98 Resp: 314196
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.1 76.7

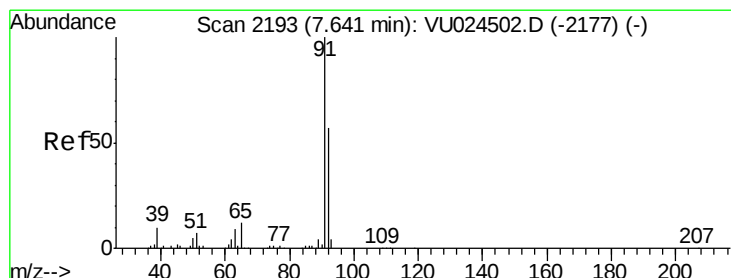
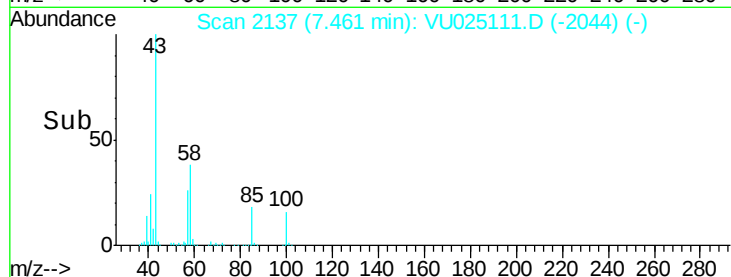
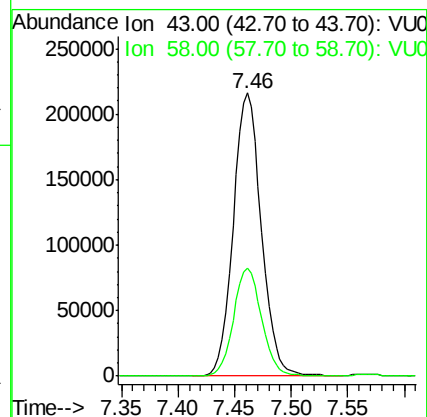
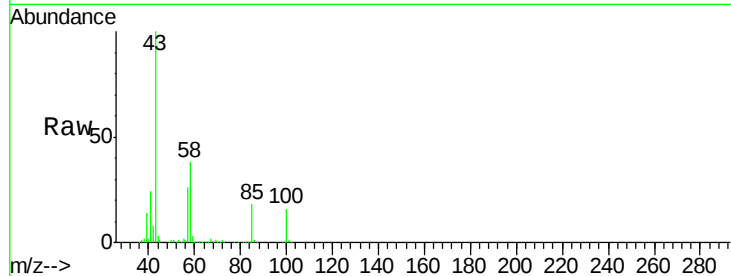




#51
 4-Methyl-2-Pentanone
 Concen: 106.005 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

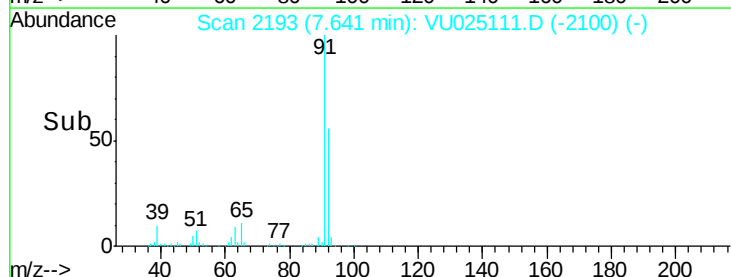
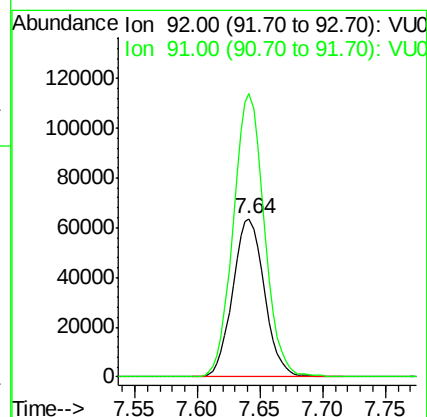
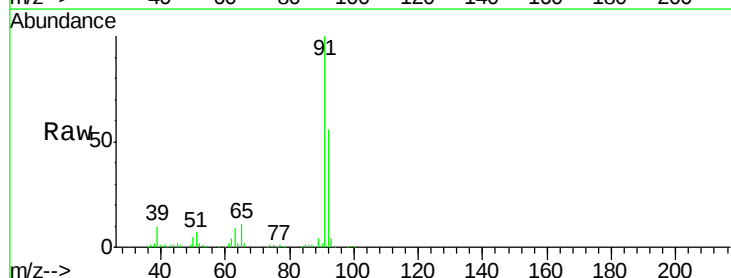
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Tgt Ion: 43 Resp: 373495
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.0 45.0



#52
 Toluene
 Concen: 20.445 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 92 Resp: 111571
 Ion Ratio Lower Upper
 92 100
 91 175.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 17.895 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

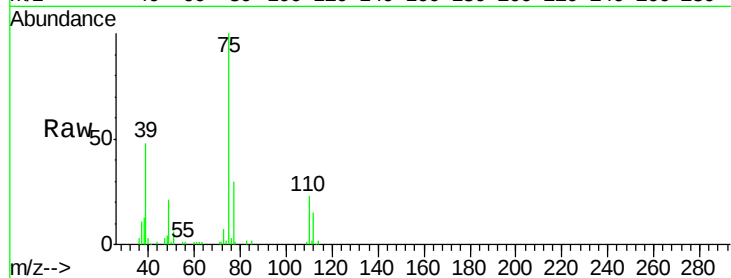
VU0630WBS02

Tgt Ion: 75 Resp: 63618

Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

40000

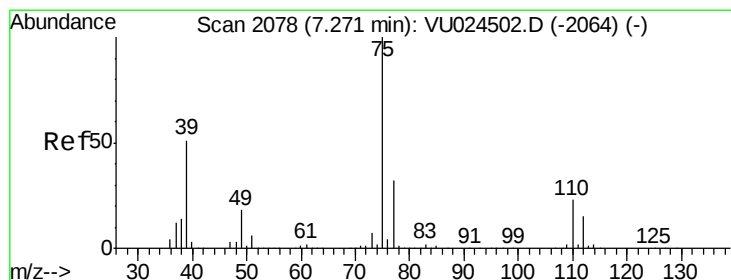
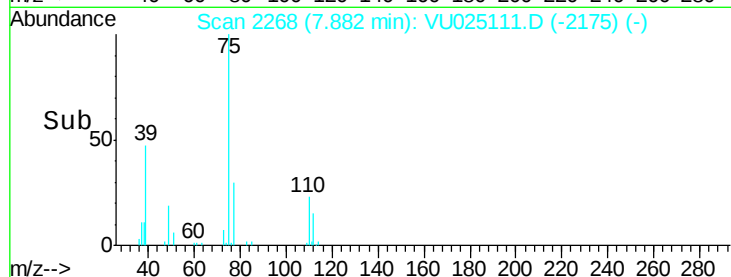
30000

20000

10000

0

Time--> 7.80 7.85 7.90 7.95



#54

cis-1,3-Dichloropropene

Concen: 17.736 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

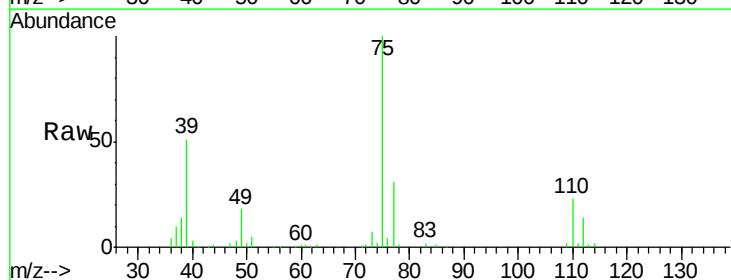
Tgt Ion: 75 Resp: 67185

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 51.2 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

7.27

50000

40000

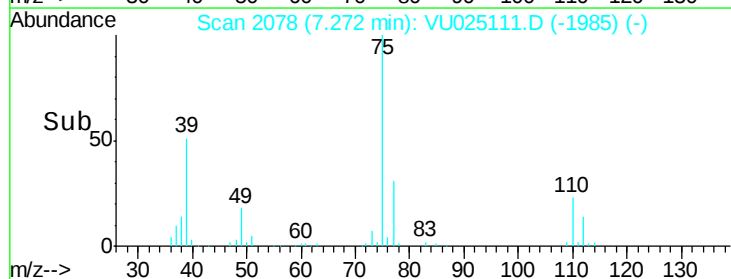
30000

20000

10000

0

Time--> 7.20 7.25 7.30 7.35

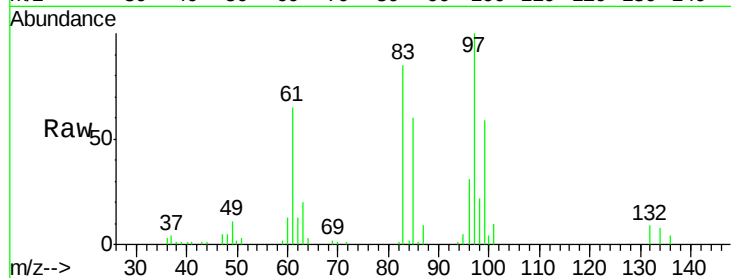




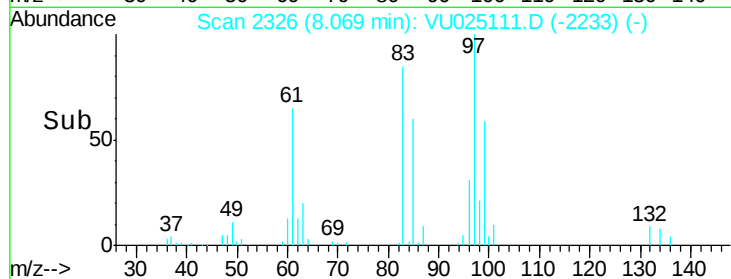
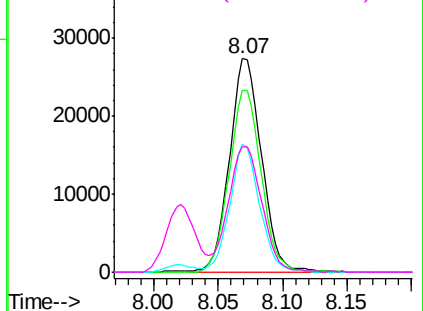
#55
 1,1,2-Trichloroethane
 Concen: 21.343 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Tgt Ion:	97	Resp:	47345
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.5	105.7
85	59.9	46.4	69.6
99	59.0	50.2	75.2

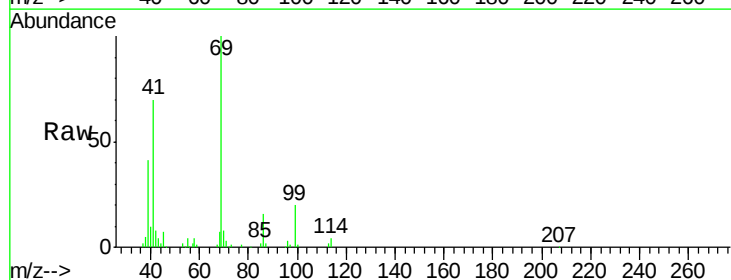


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

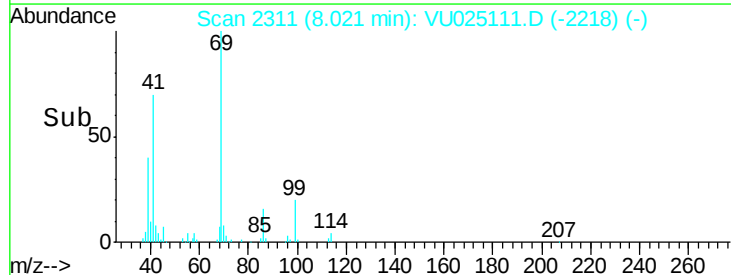
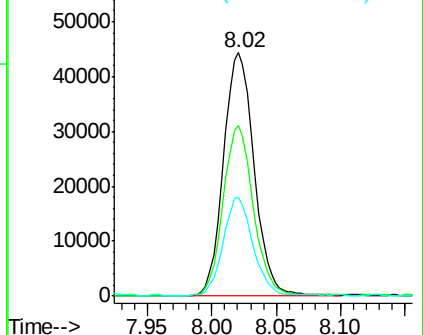


#56
 Ethyl methacrylate
 Concen: 19.739 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion:	69	Resp:	73287
Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.1	81.1
39	39.5	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 20.902 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

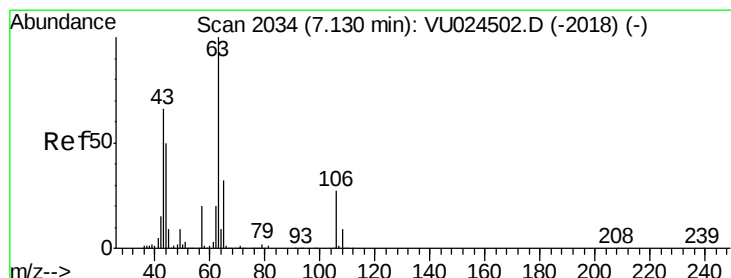
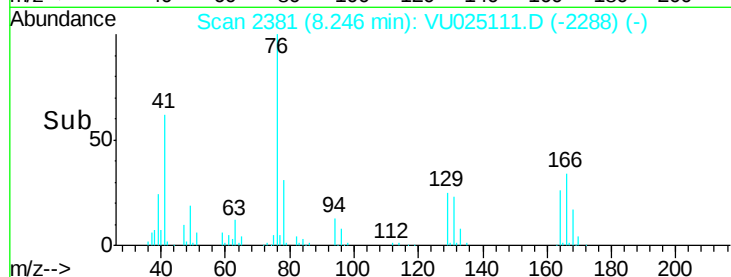
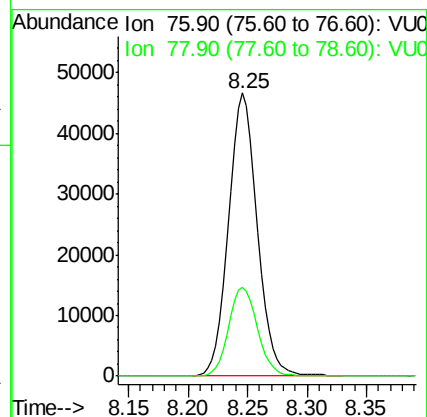
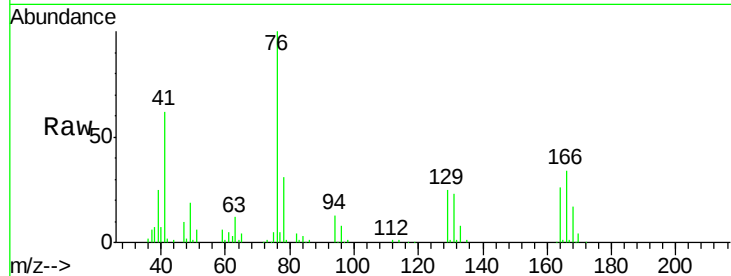
VU0630WBS02

Tgt Ion: 76 Resp: 78214

Ion Ratio Lower Upper

76 100

78 31.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.500 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025111.D

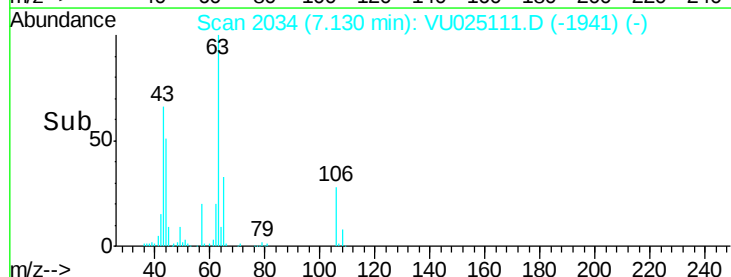
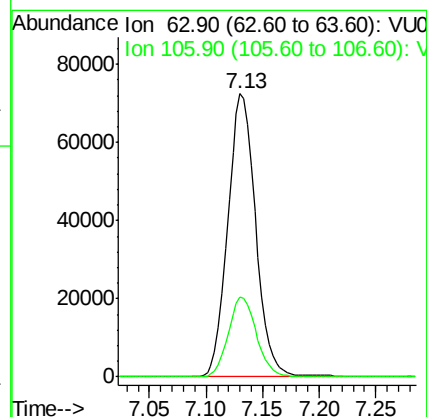
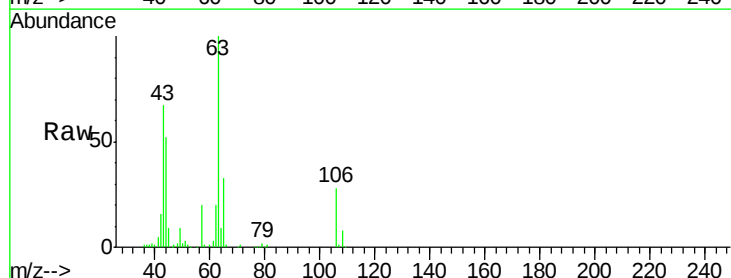
Acq: 01 Jul 2018 01:17

Tgt Ion: 63 Resp: 124460

Ion Ratio Lower Upper

63 100

106 28.4 20.2 30.2

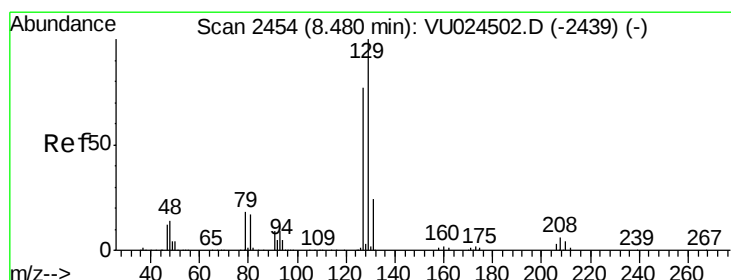
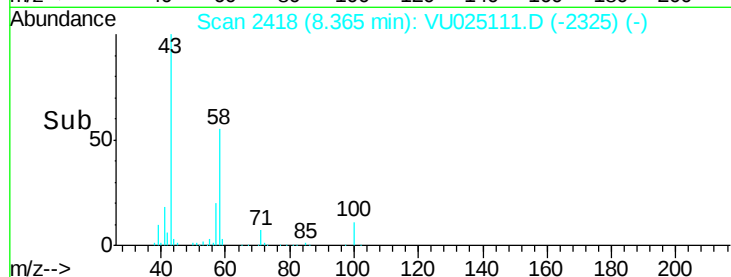
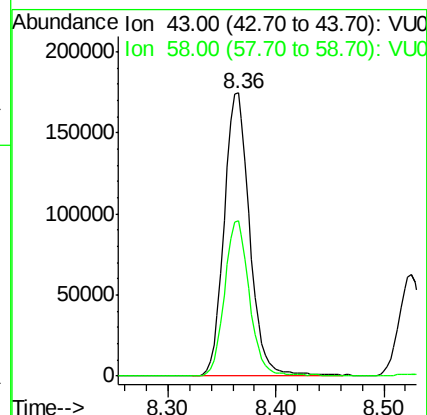
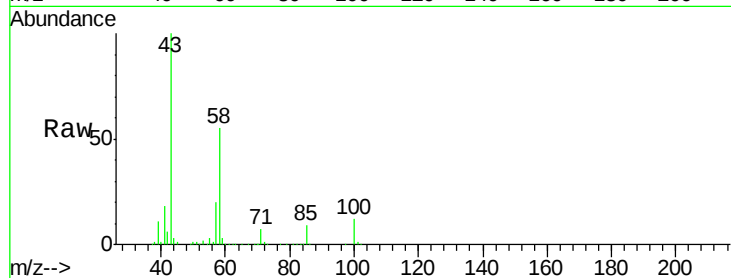




#59
2-Hexanone
Concen: 100.149 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

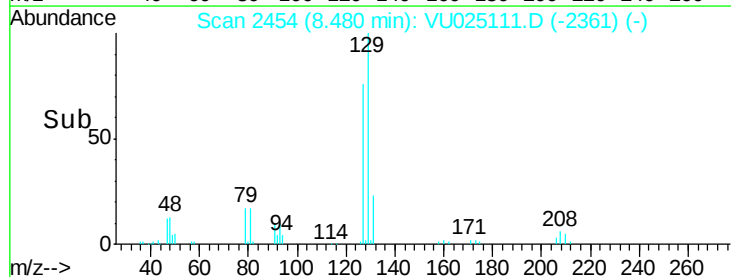
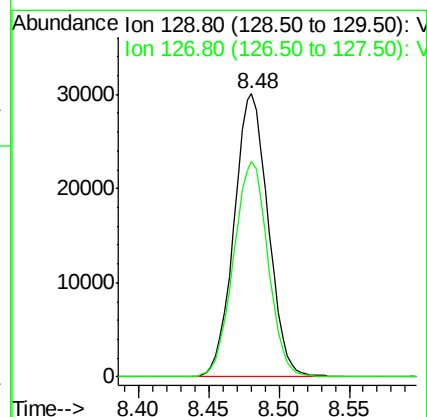
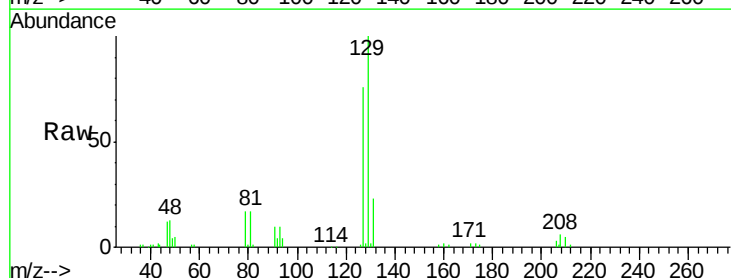
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

Tgt Ion: 43 Resp: 288079
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0



#60
Dibromochloromethane
Concen: 18.434 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

Tgt Ion: 129 Resp: 50991
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.754 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

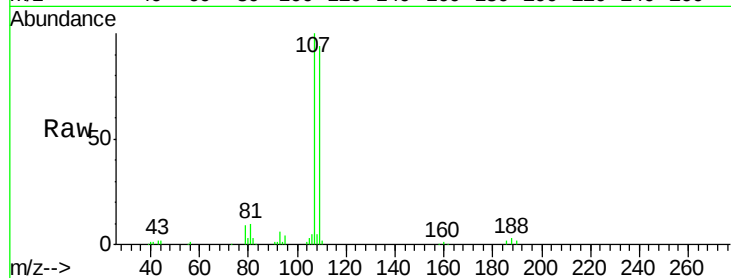
VU0630WBS02

Tgt Ion: 107 Resp: 51242

Ion Ratio Lower Upper

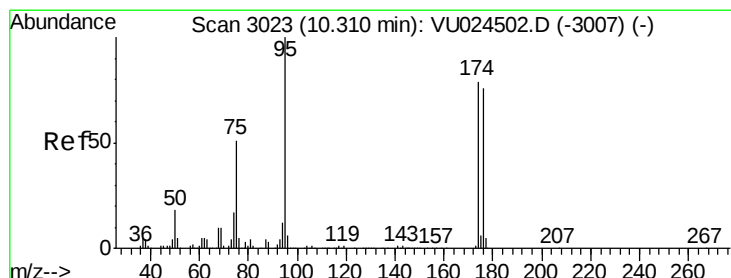
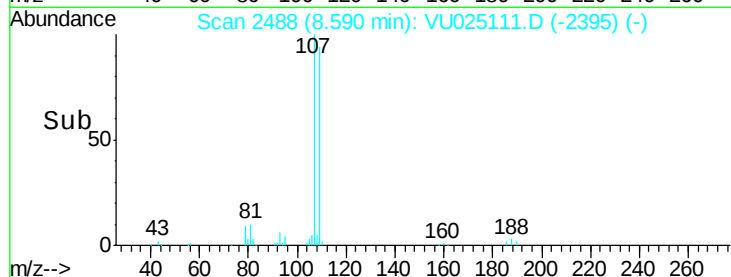
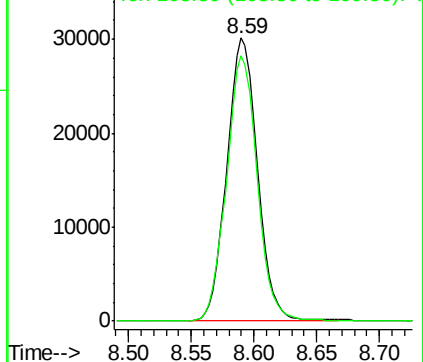
107 100

109 93.8 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: 42.529 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

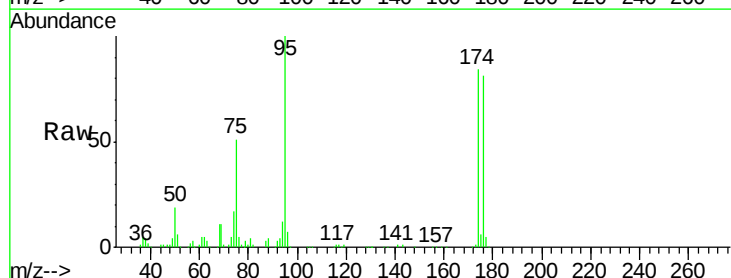
Tgt Ion: 95 Resp: 129493

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

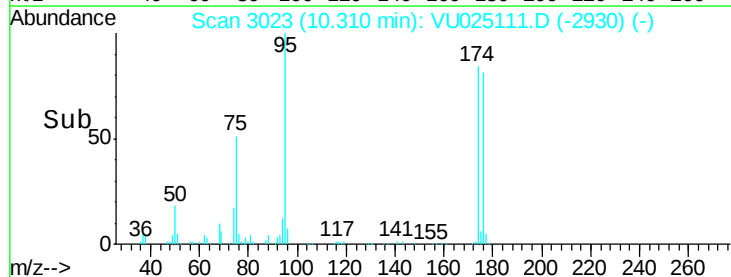
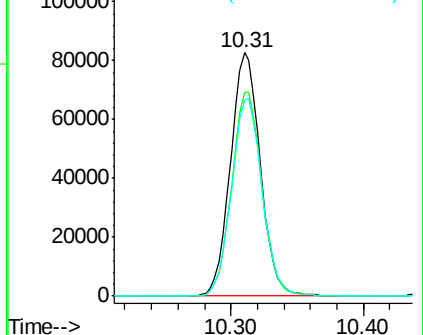
176 82.9 0.0 159.4

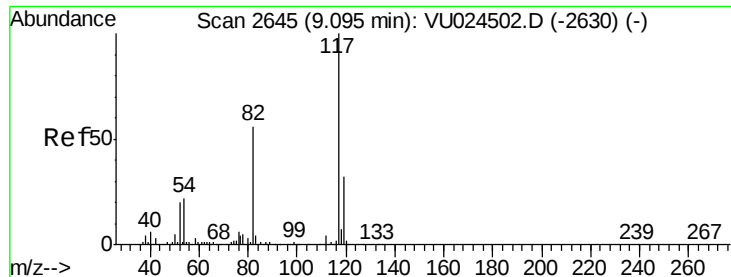


Abundance Ion 94.90 (94.60 to 95.60): VU0

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# 2644

Delta R.T. -0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

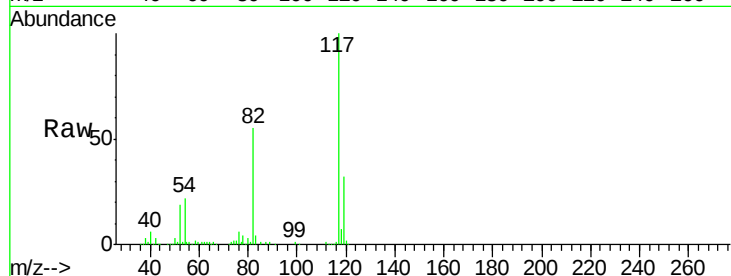
Tgt Ion:117 Resp: 236354

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

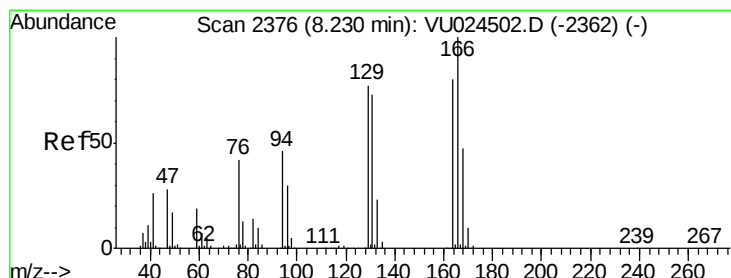
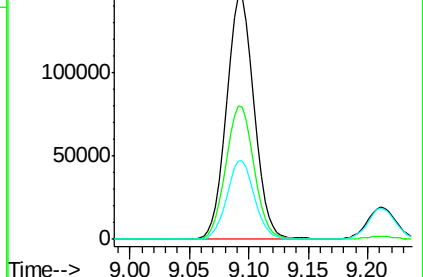
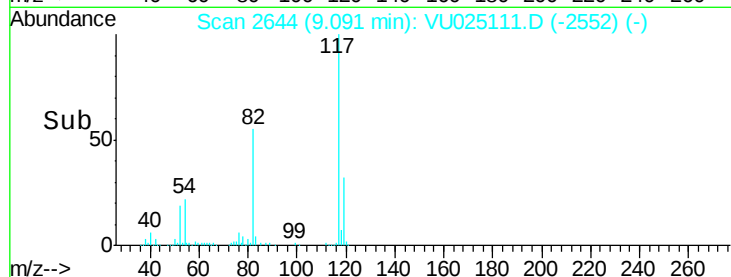
119 32.3 25.4 38.2



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: 21.966 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Tgt Ion:164 Resp: 49350

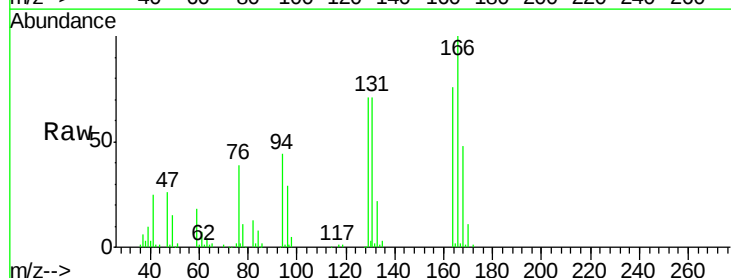
Ion Ratio Lower Upper

164 100

166 131.8 101.7 152.5

129 94.1 76.9 115.3

131 93.3 74.9 112.3

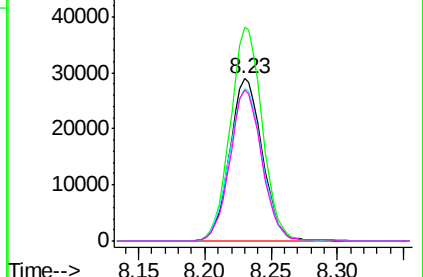
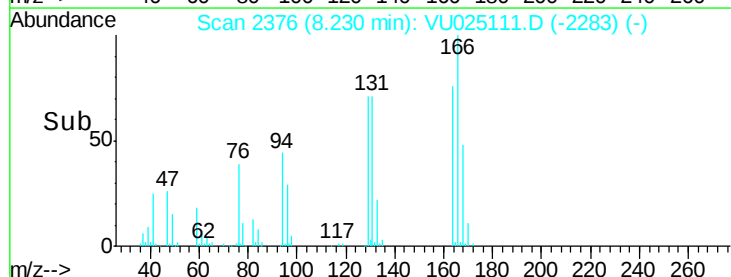


Abundance Ion 163.80 (163.50 to 164.50): V

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: 20.936 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

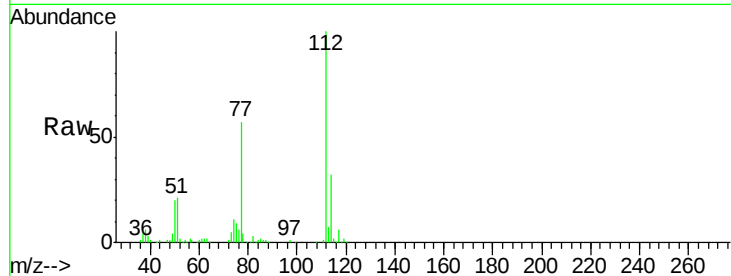
VU0630WBS02

Tgt Ion:112 Resp: 126412

Ion Ratio Lower Upper

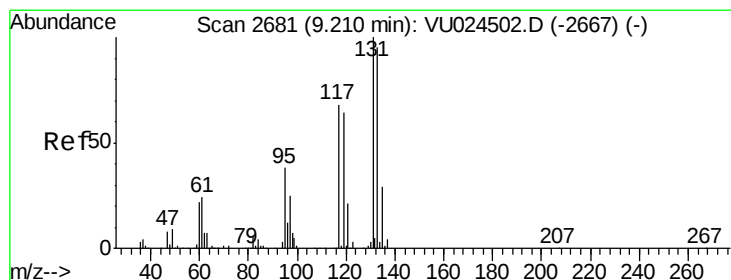
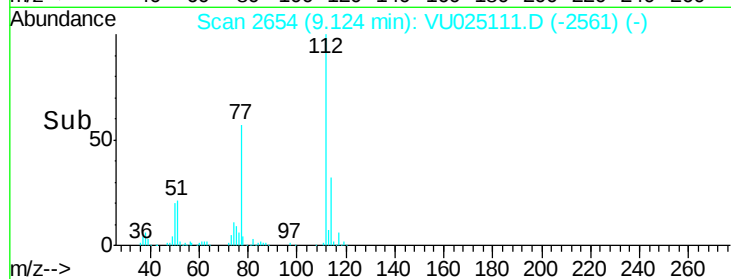
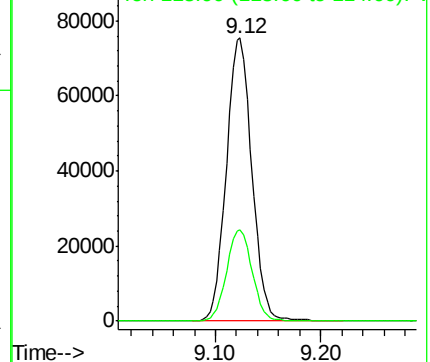
112 100

114 32.5 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.661 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

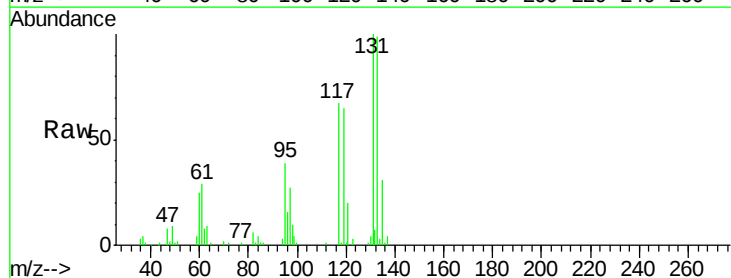
Tgt Ion:131 Resp: 47396

Ion Ratio Lower Upper

131 100

133 96.8 46.9 140.8

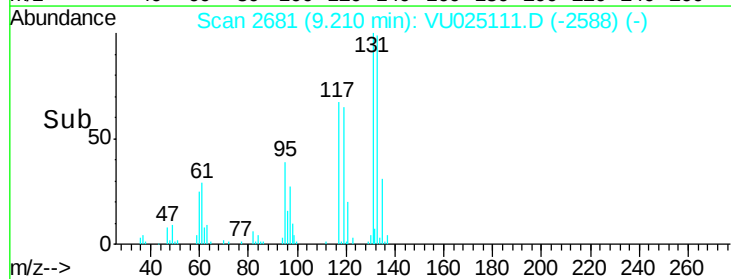
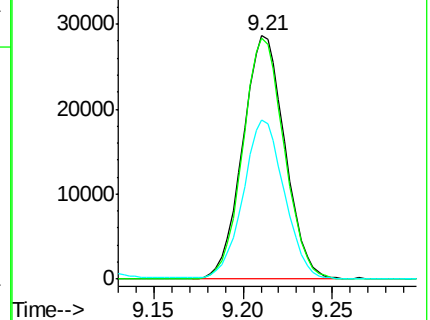
119 64.4 33.5 100.4

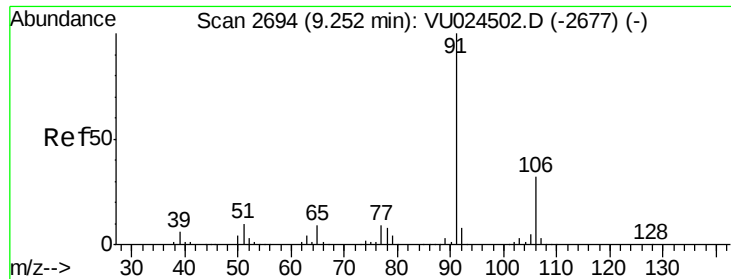


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

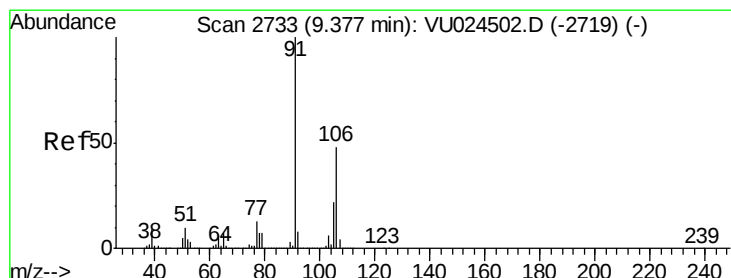
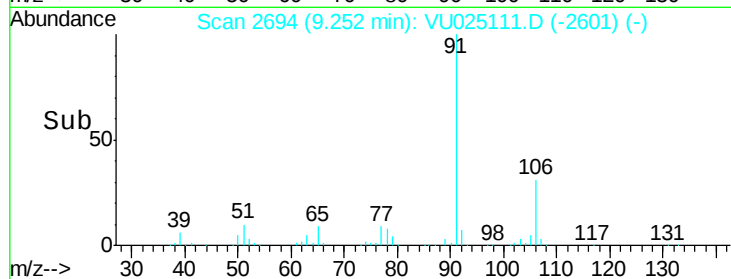
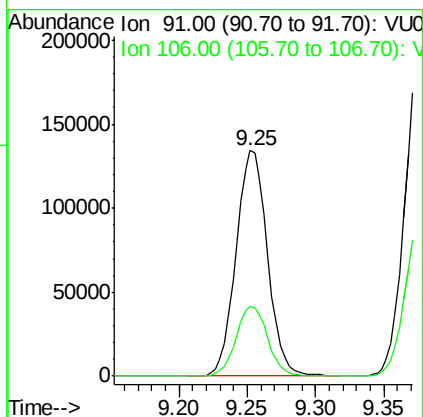
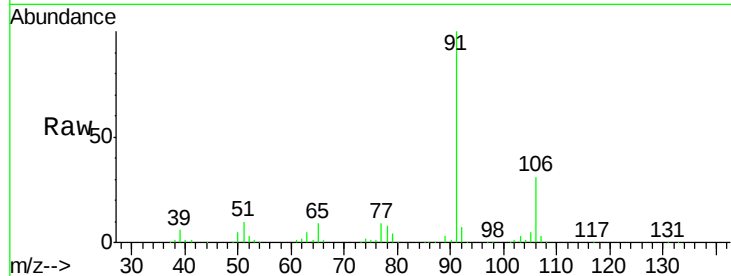




#67
 Ethyl Benzene
 Concen: 20.305 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

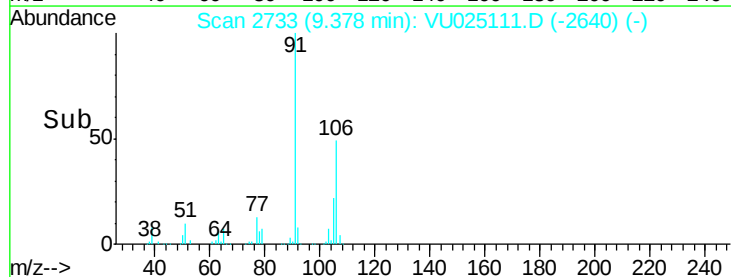
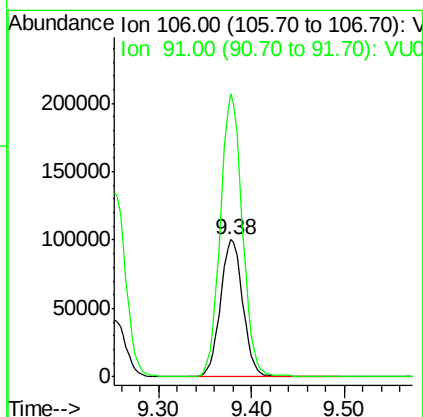
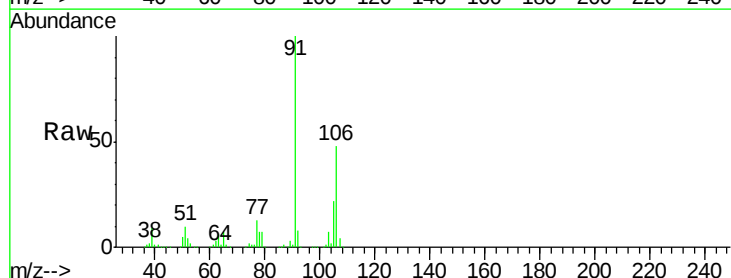
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Tgt Ion: 91 Resp: 214925
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.2 36.4



#68
 m/p-Xylenes
 Concen: 41.319 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion: 106 Resp: 167947
 Ion Ratio Lower Upper
 106 100
 91 201.9 166.5 249.7

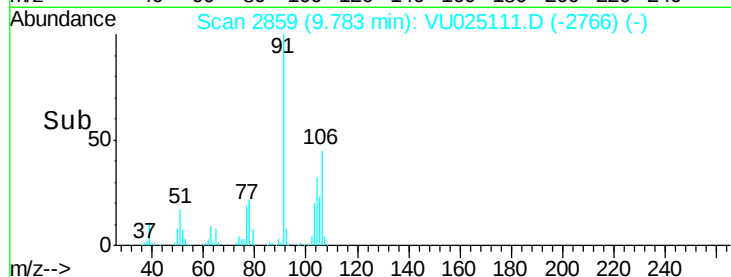
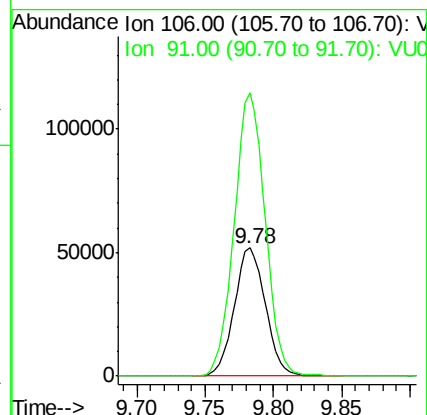
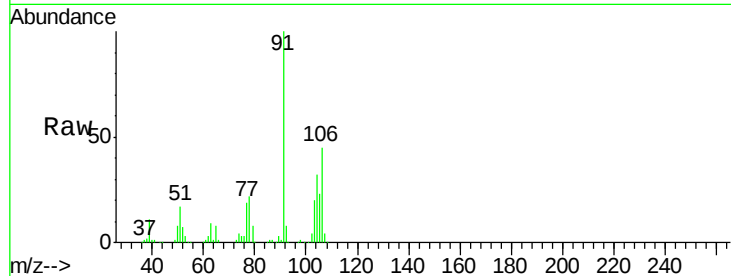




#69
o-Xylene
Concen: 20.447 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

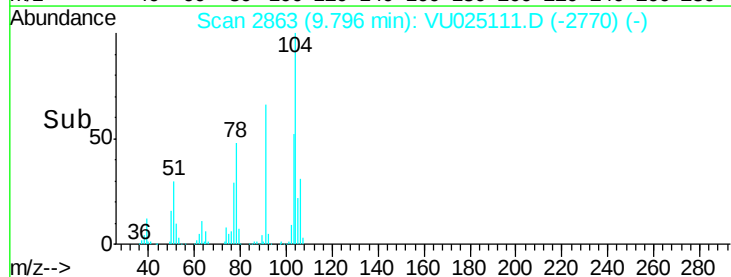
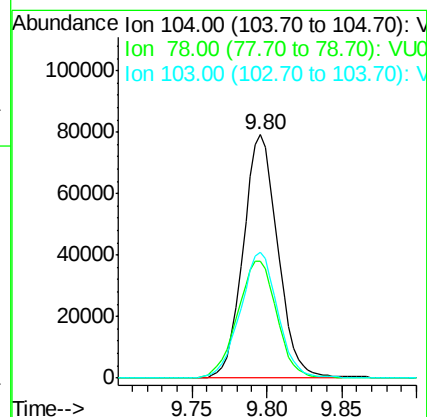
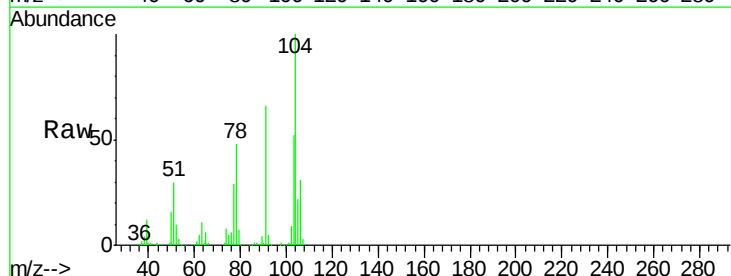
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

Tgt Ion:106 Resp: 82251
Ion Ratio Lower Upper
106 100
91 220.0 110.7 331.9



#70
Styrene
Concen: 19.257 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025111.D
Acq: 01 Jul 2018 01:17

Tgt Ion:104 Resp: 127297
Ion Ratio Lower Upper
104 100
78 54.9 40.6 60.8
103 56.2 44.7 67.1





#71

Bromoform

Concen: 18.020 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

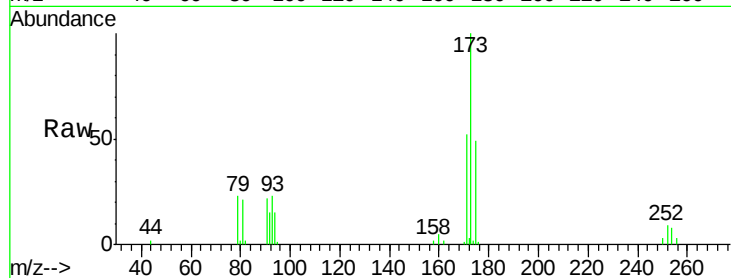
Tgt Ion:173 Resp: 39291

Ion Ratio Lower Upper

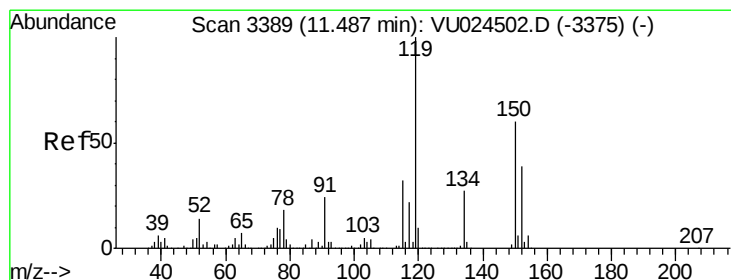
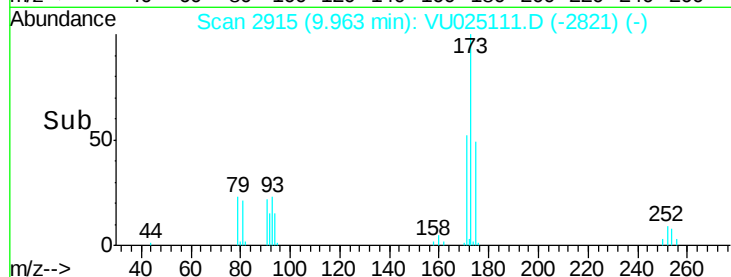
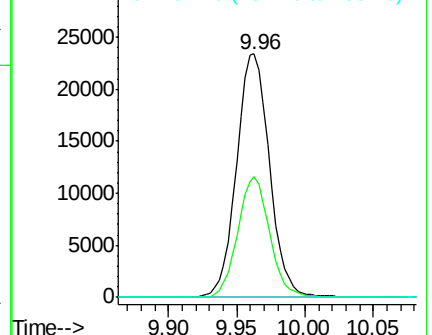
173 100

175 47.7 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

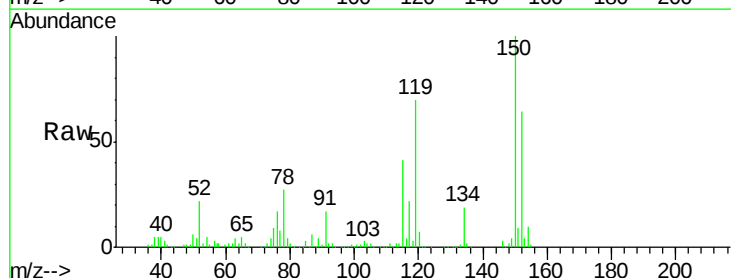
Tgt Ion:152 Resp: 133355

Ion Ratio Lower Upper

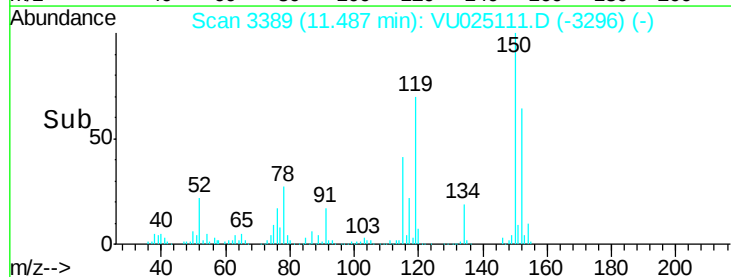
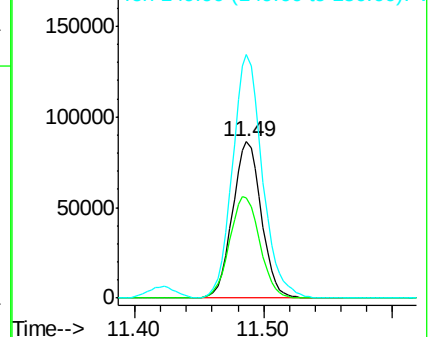
152 100

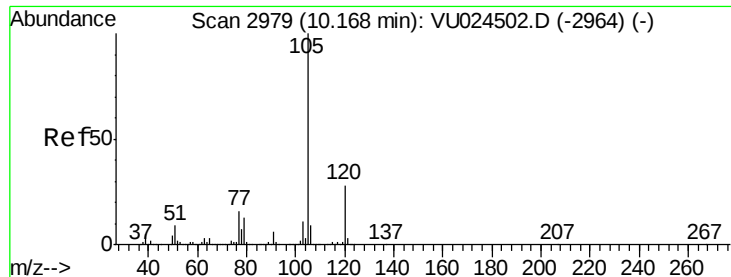
115 68.2 43.0 129.0

150 161.3 0.0 354.0



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





#73

Isopropylbenzene

Concen: 21.656 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

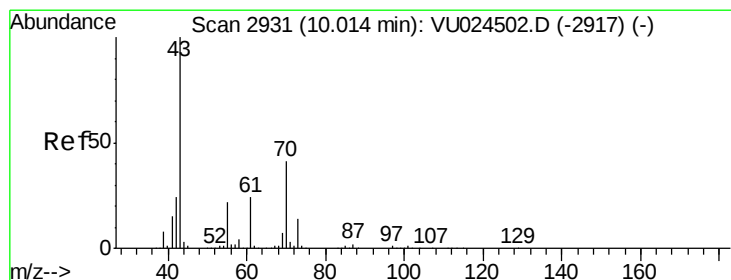
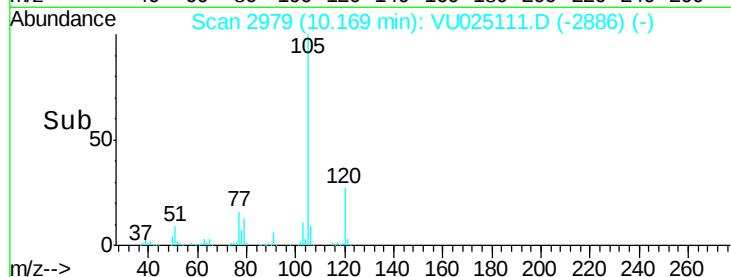
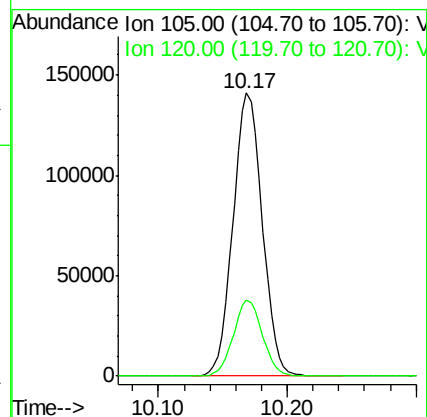
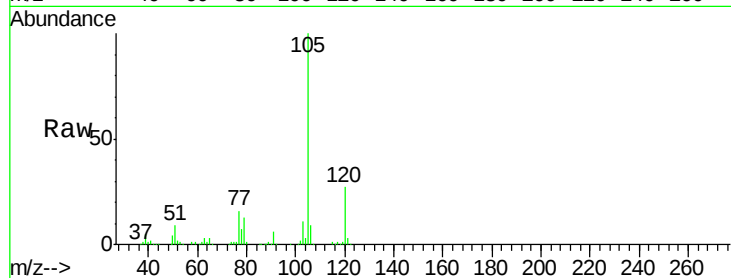
VU0630WBS02

Tgt Ion: 105 Resp: 221726

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 19.091 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Tgt Ion: 43 Resp: 92972

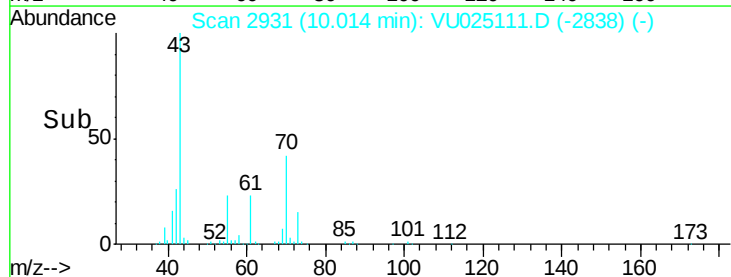
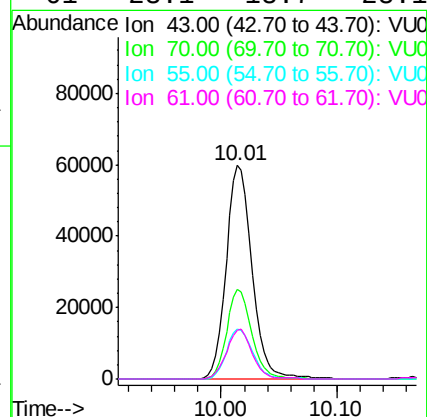
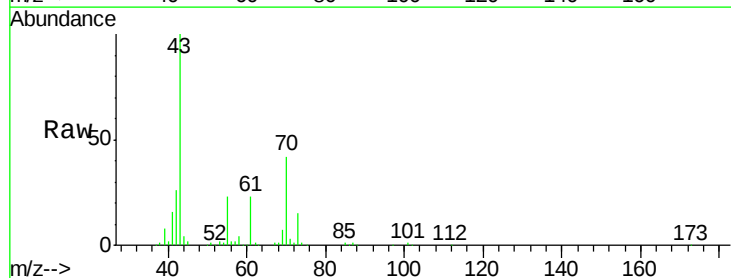
Ion Ratio Lower Upper

43 100

70 40.6 32.2 48.4

55 23.7 20.5 30.7

61 23.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.378 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

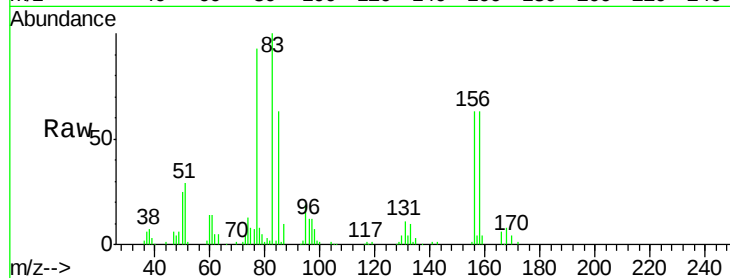
Tgt Ion: 83 Resp: 76777

Ion Ratio Lower Upper

83 100

131 10.7 4.7 14.1

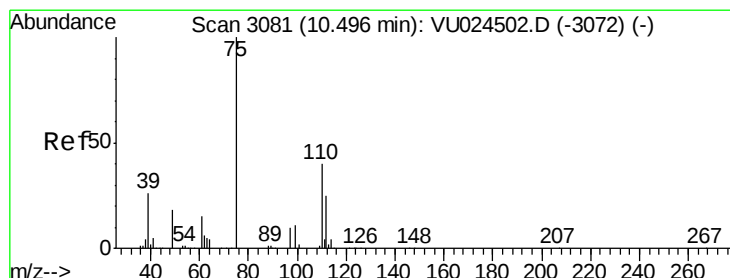
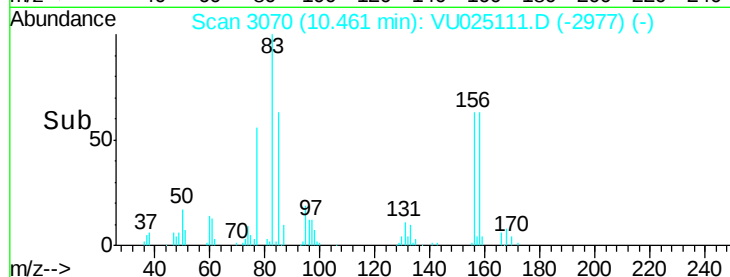
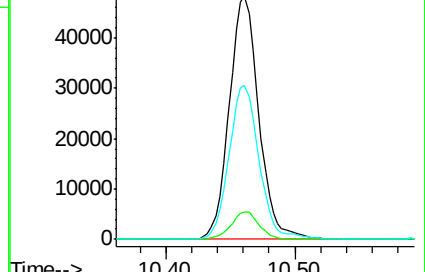
85 64.6 32.5 97.5



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: 29.445 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025111.D

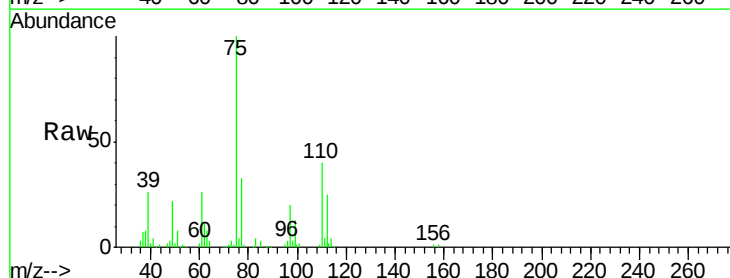
Acq: 01 Jul 2018 01:17

Tgt Ion: 75 Resp: 86451

Ion Ratio Lower Upper

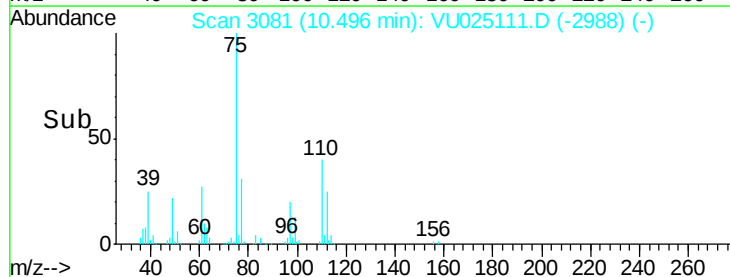
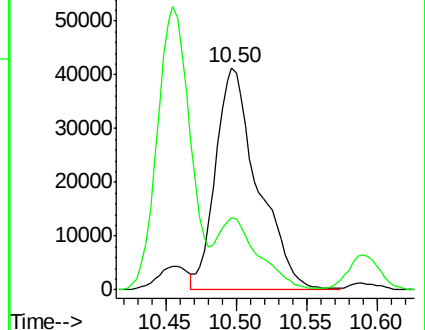
75 100

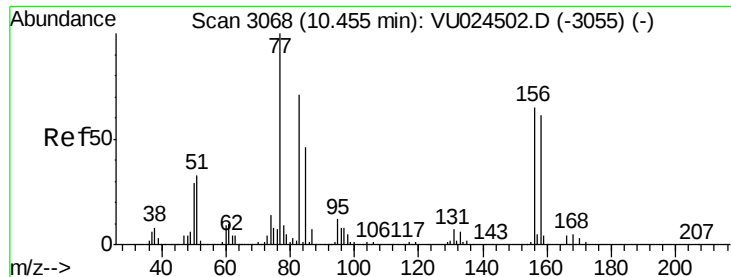
77 30.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 22.155 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

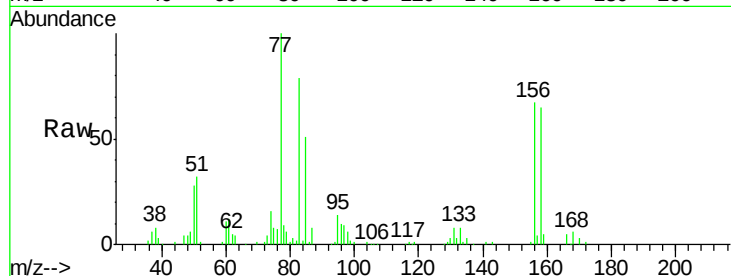
Tgt Ion:156 Resp: 57427

Ion Ratio Lower Upper

156 100

77 150.3 80.5 241.3

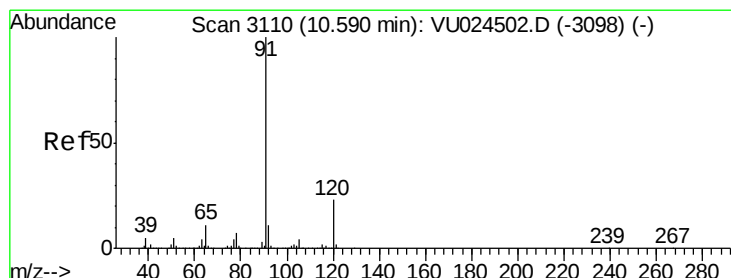
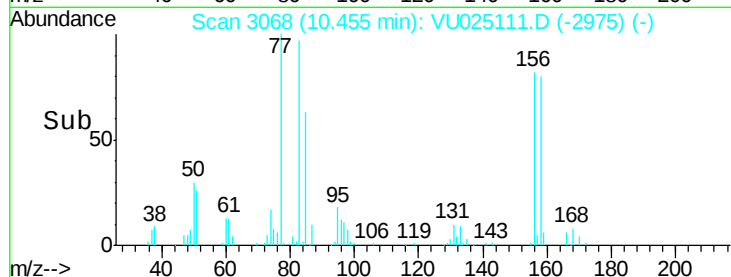
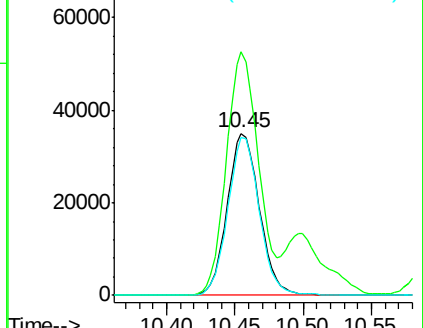
158 95.7 48.2 144.6



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: 19.981 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025111.D

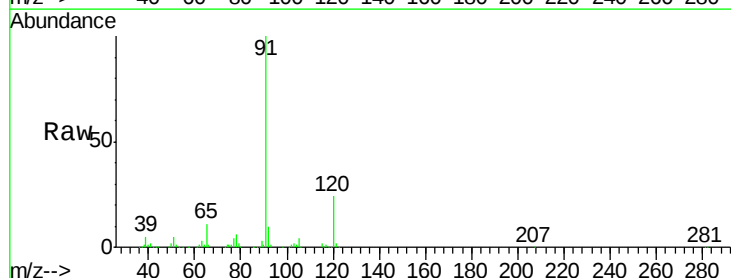
Acq: 01 Jul 2018 01:17

Tgt Ion: 91 Resp: 240988

Ion Ratio Lower Upper

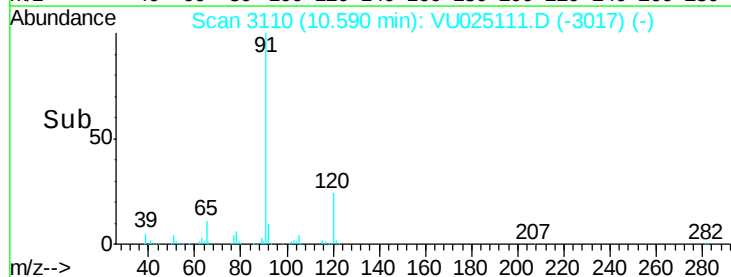
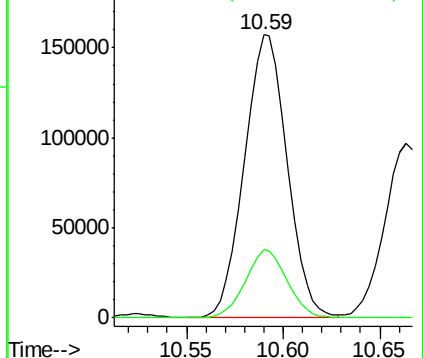
91 100

120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.285 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

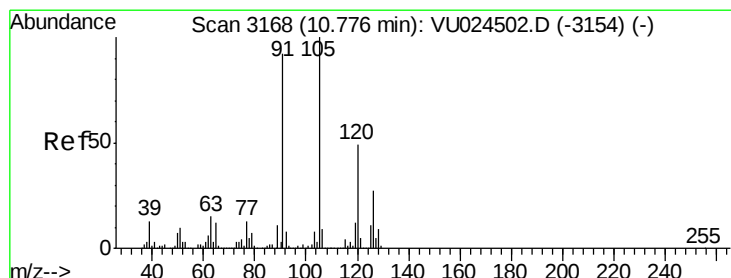
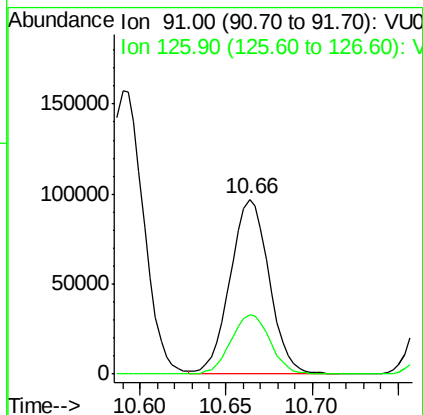
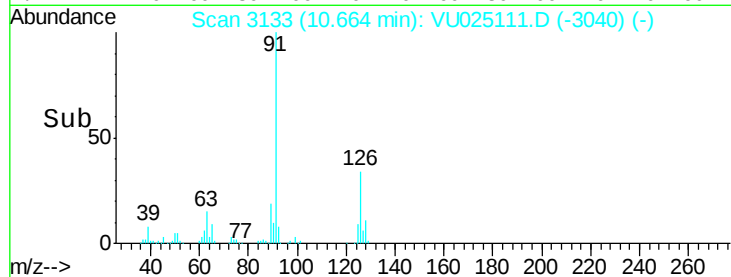
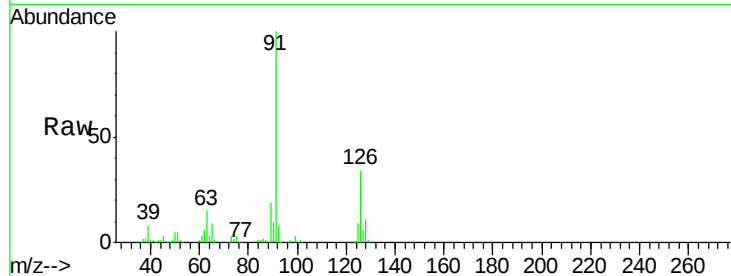
VU0630WBS02

Tgt Ion: 91 Resp: 151391

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.179 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU025111.D

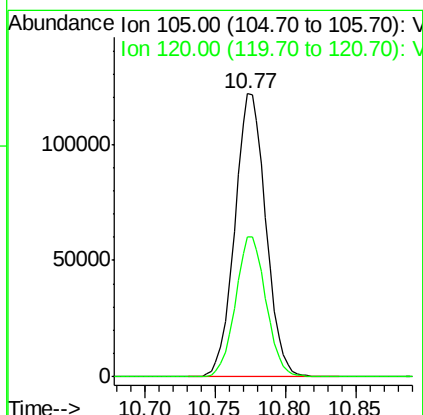
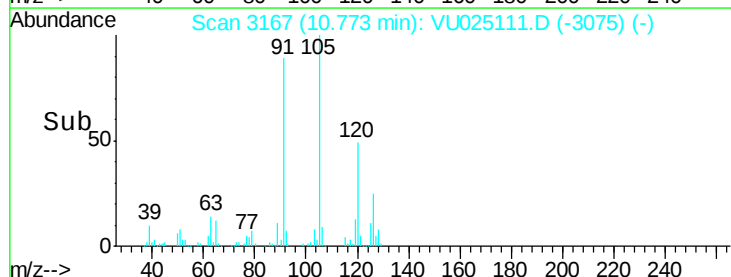
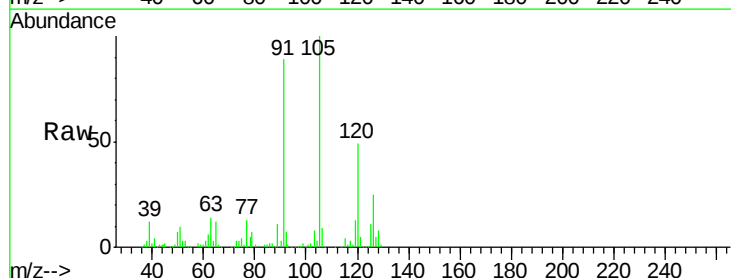
Acq: 01 Jul 2018 01:17

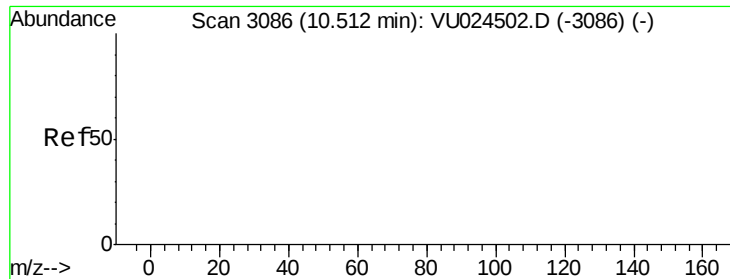
Tgt Ion: 105 Resp: 187942

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 68.149 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

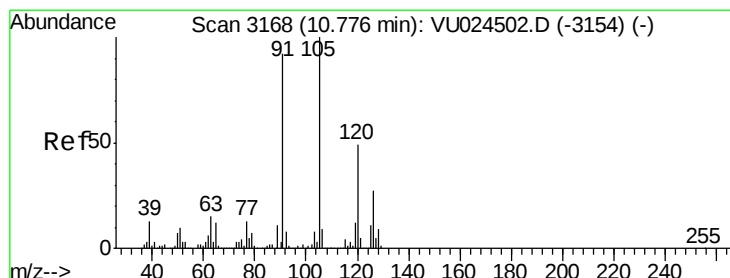
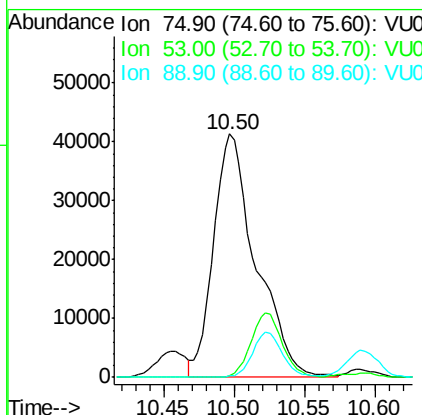
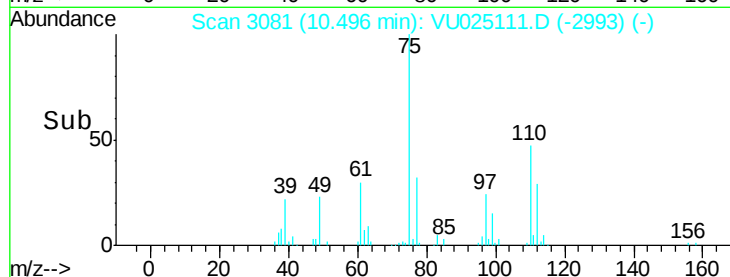
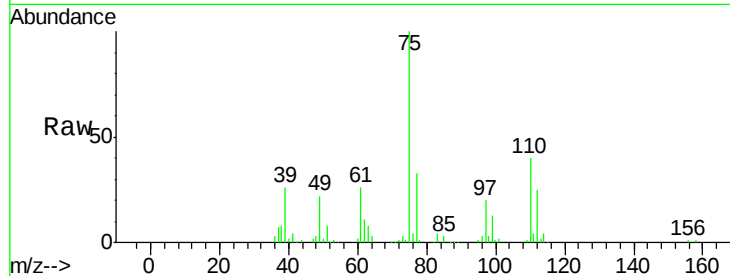
Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBS02

Tgt Ion: 75 Resp: 86451

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 20.820 ug/l

RT: 10.78 min Scan# 3168

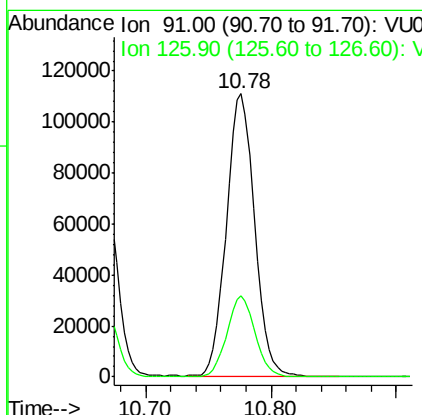
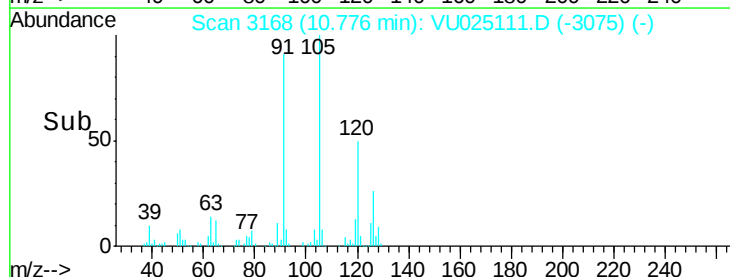
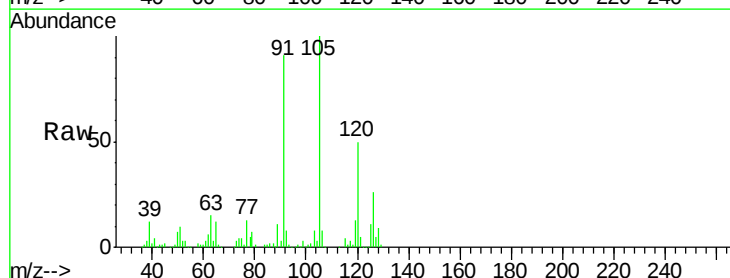
Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Tgt Ion: 91 Resp: 172356

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.9	44.9

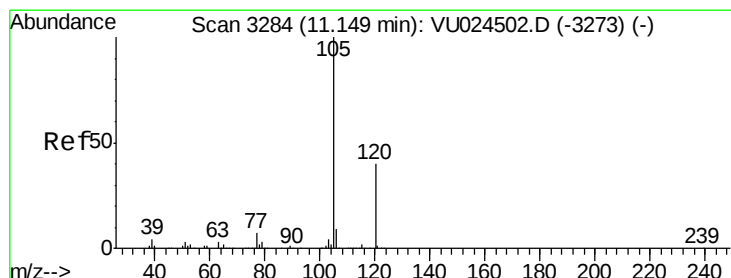
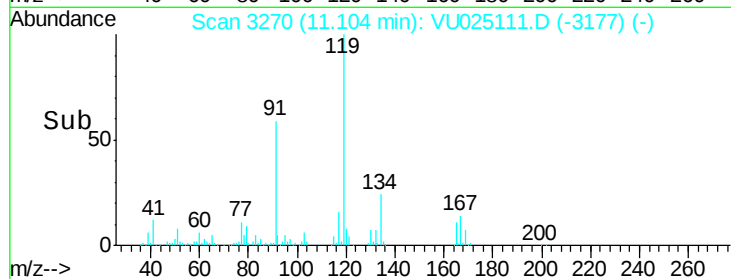
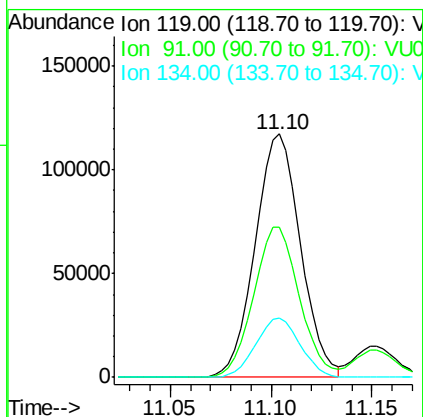
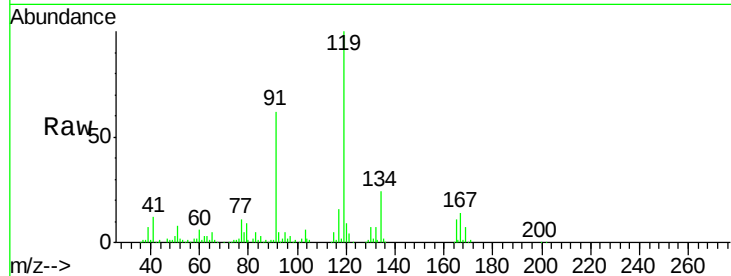




#83
 tert-Butylbenzene
 Concen: 21.588 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

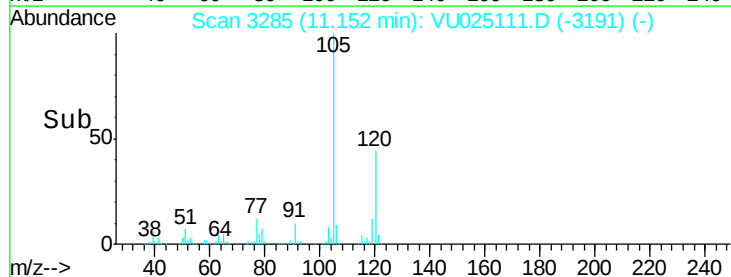
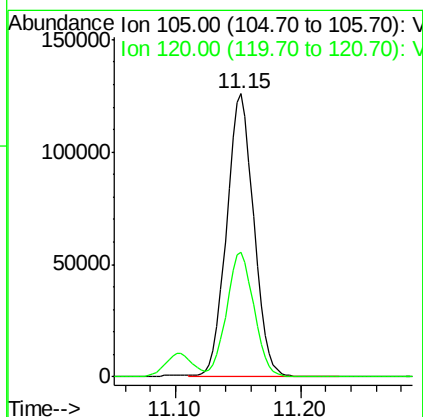
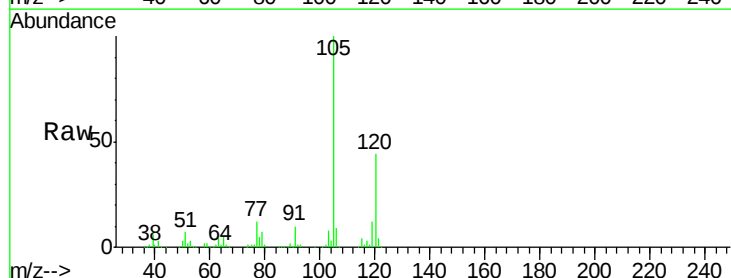
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Tgt Ion:119 Resp: 184277
 Ion Ratio Lower Upper
 119 100
 91 62.2 29.7 89.1
 134 23.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.094 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion:105 Resp: 190768
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.6 67.8

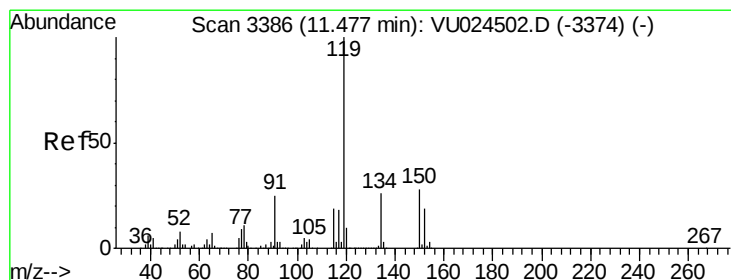
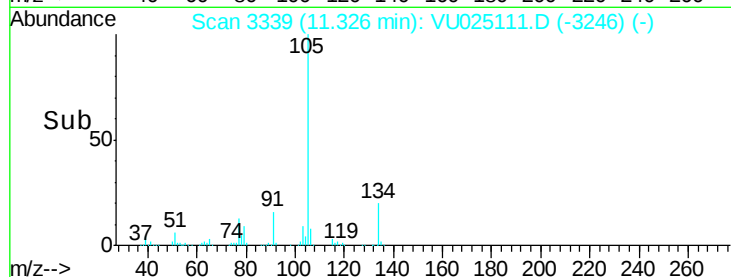
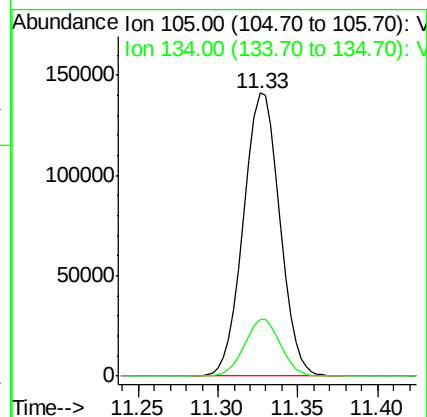
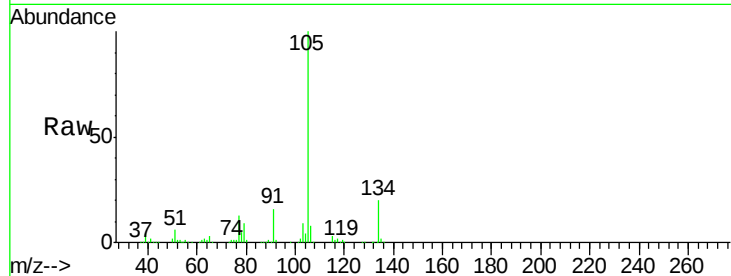




#85
 sec-Butylbenzene
 Concen: 20.408 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

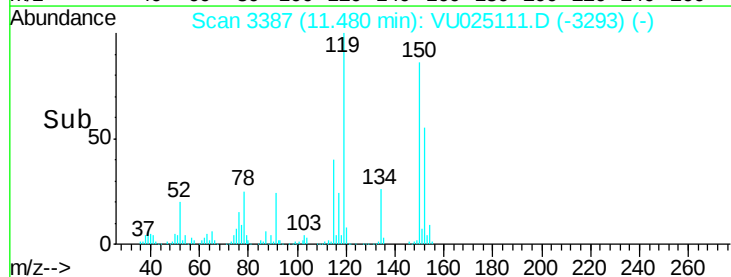
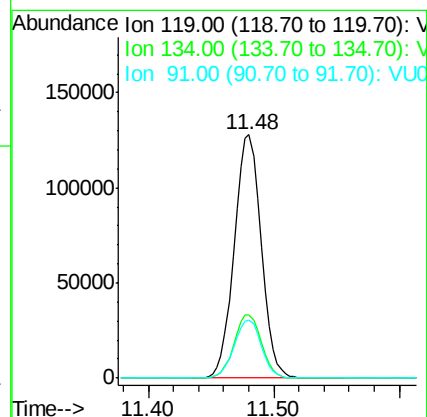
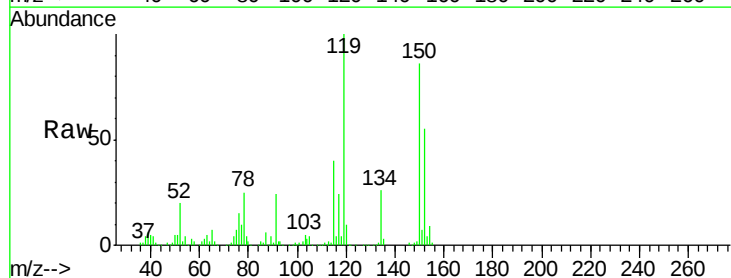
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Tgt Ion:105 Resp: 218067
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.919 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion:119 Resp: 190619
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 24.2 12.0 36.1

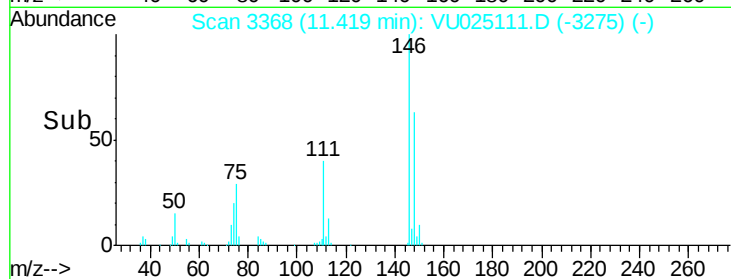
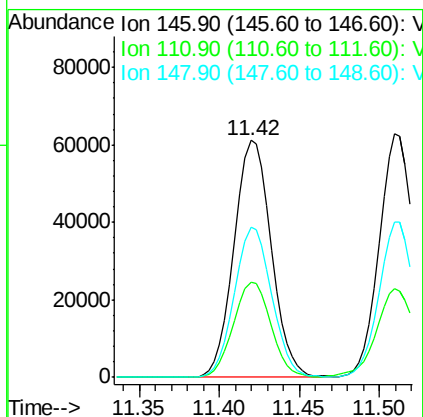
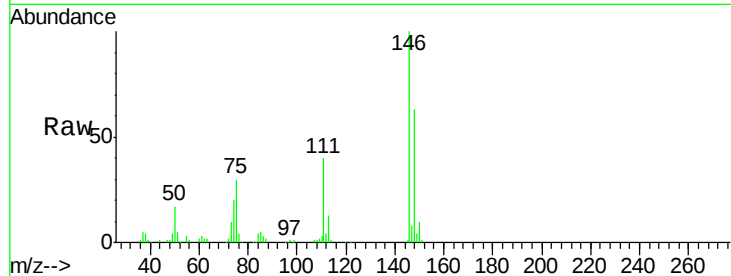




#87
 1,3-Dichlorobenzene
 Concen: 20.333 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

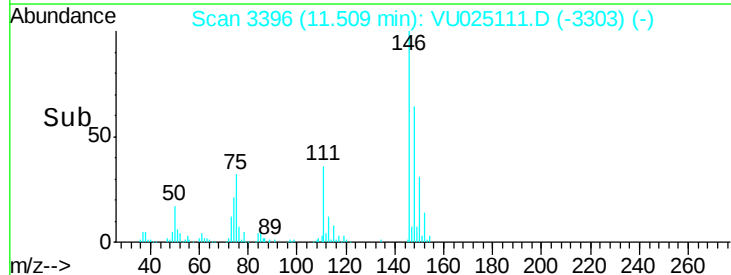
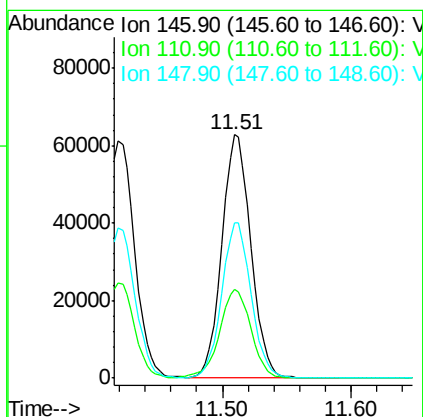
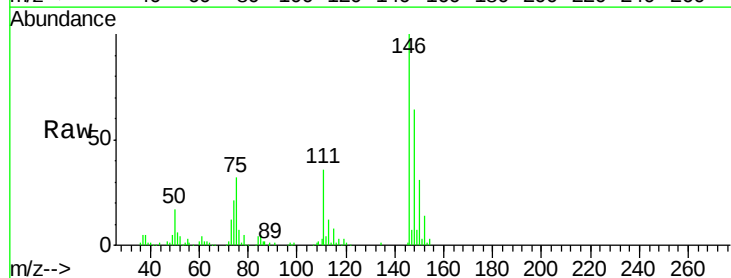
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

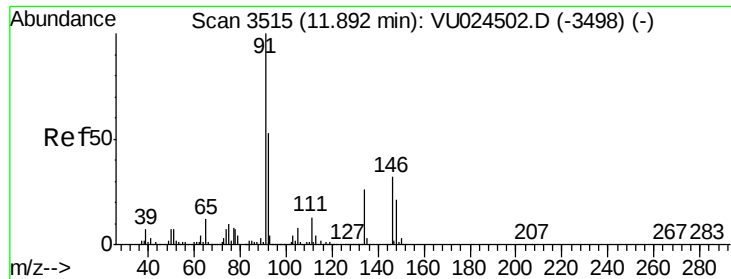
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	63.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.332 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.5	58.5
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 16.540 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

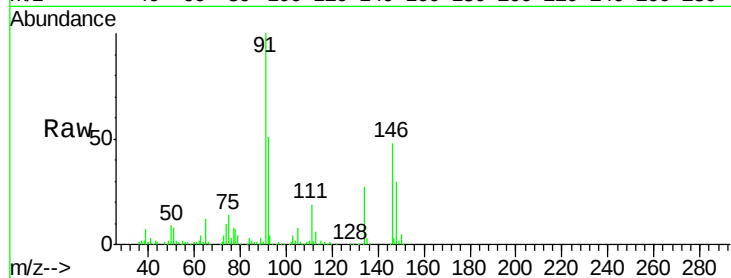
Tgt Ion: 91 Resp: 140524

Ion Ratio Lower Upper

91 100

92 52.7 25.6 76.8

134 26.8 12.3 36.8

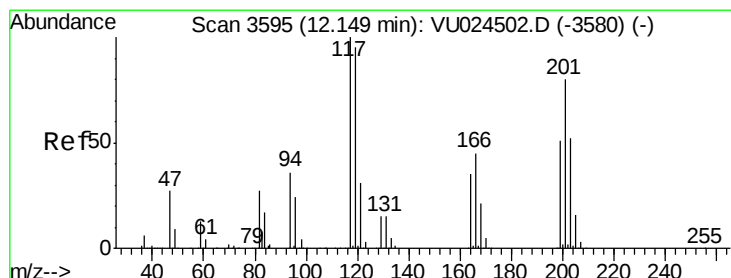
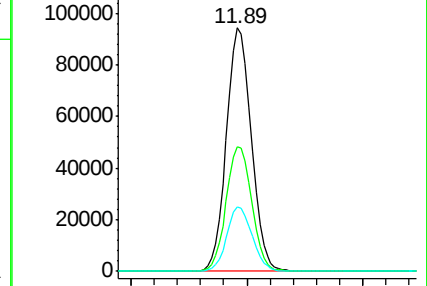
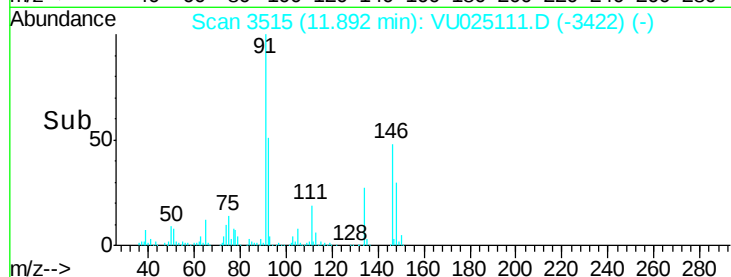


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 17.333 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025111.D

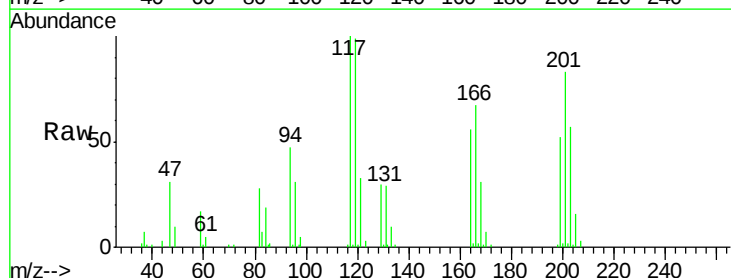
Acq: 01 Jul 2018 01:17

Tgt Ion: 117 Resp: 32357

Ion Ratio Lower Upper

117 100

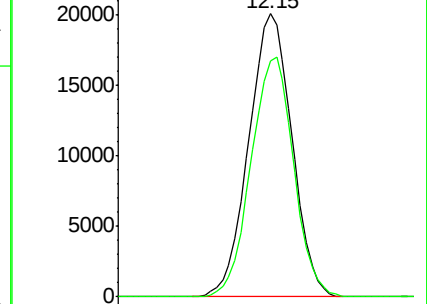
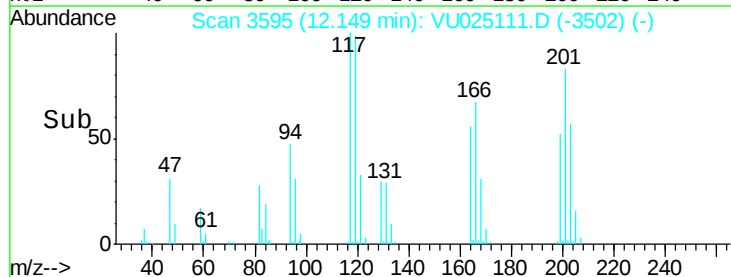
201 83.6 41.1 123.3



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

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

Time-->





#91

1,2-Dichlorobenzene

Concen: 21.443 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

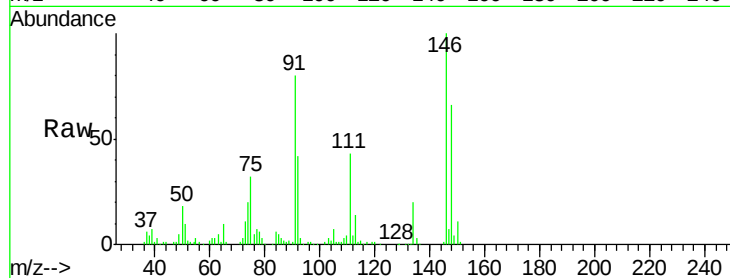
Tgt Ion:146 Resp: 102852

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

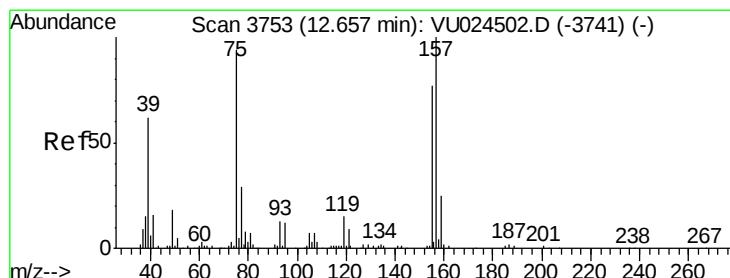
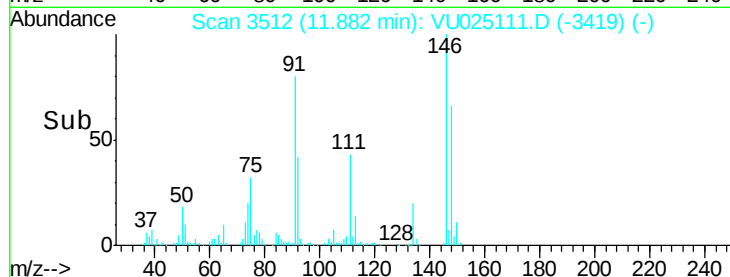
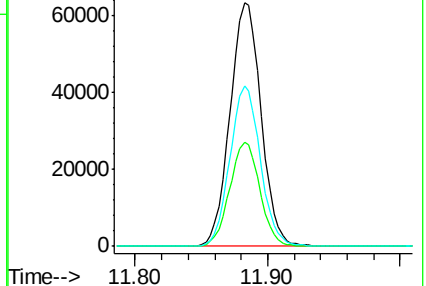
148 64.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.820 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

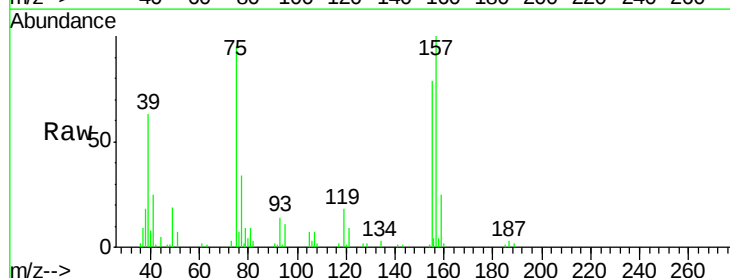
Tgt Ion: 75 Resp: 18763

Ion Ratio Lower Upper

75 100

155 87.9 40.4 121.2

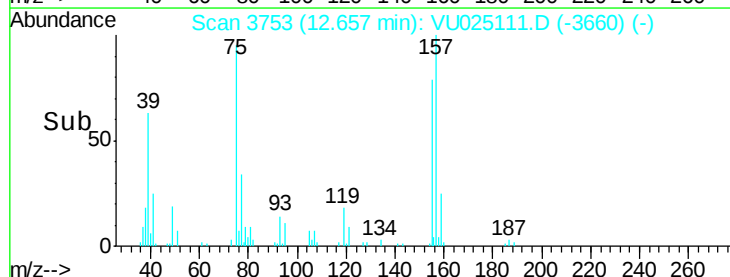
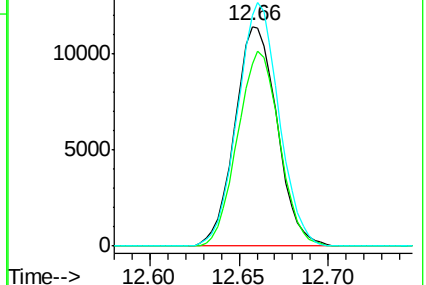
157 109.1 52.3 156.8

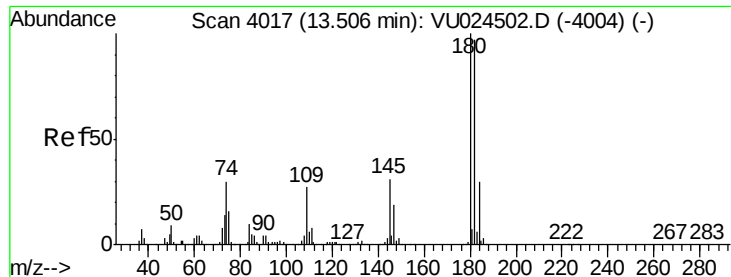


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

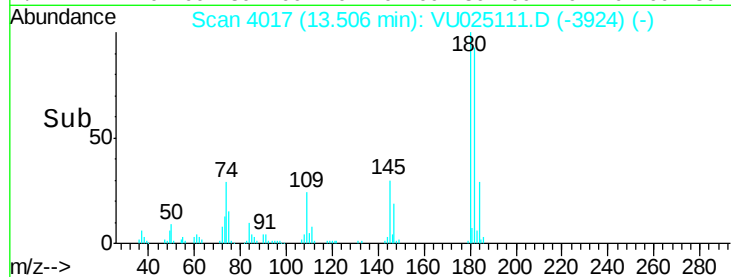
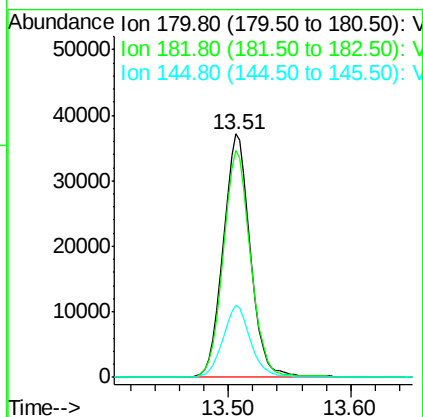
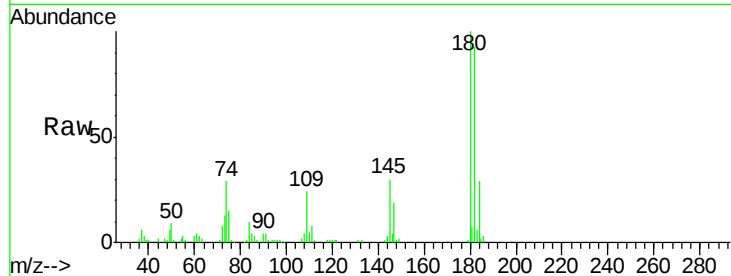




#93
 1,2,4-Trichlorobenzene
 Concen: 19.625 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

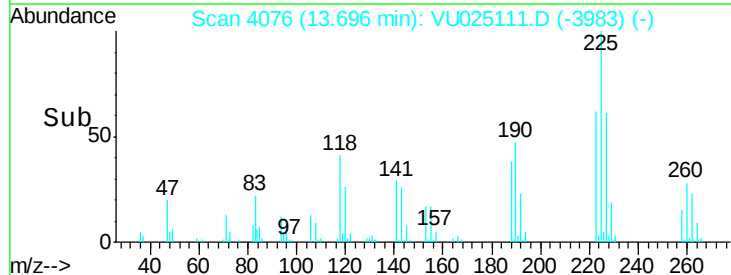
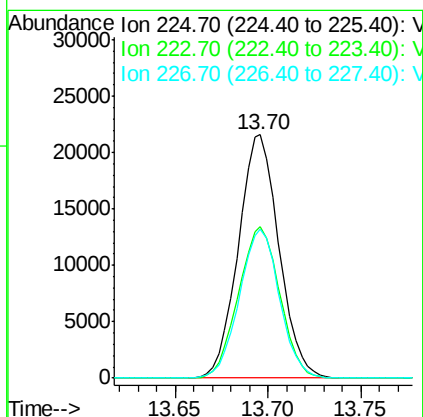
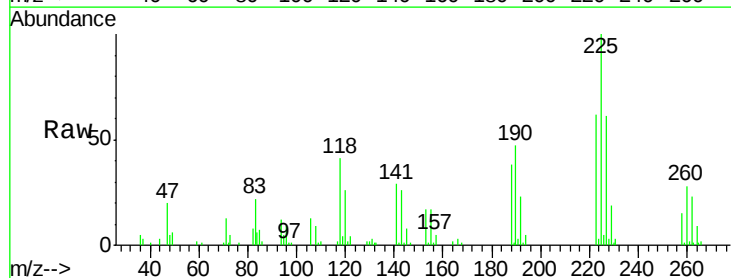
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

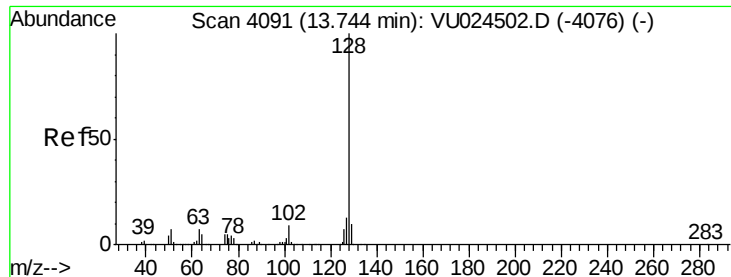
Tgt Ion:180 Resp: 58127
 Ion Ratio Lower Upper
 180 100
 182 93.6 48.0 144.2
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 19.729 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025111.D
 Acq: 01 Jul 2018 01:17

Tgt Ion:225 Resp: 32892
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.8
 227 60.3 31.8 95.4





#95

Naphthalene

Concen: 20.527 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBS02

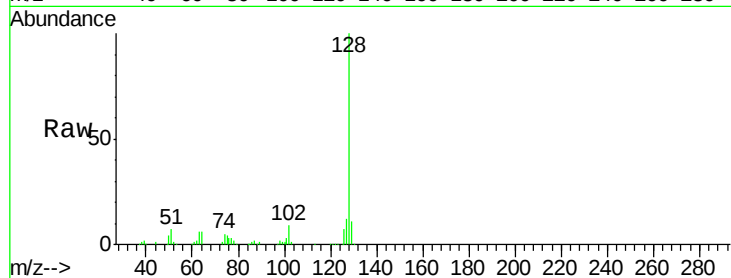
Tgt Ion:128 Resp: 197297

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

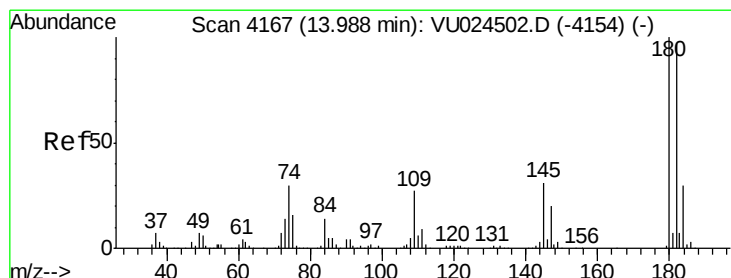
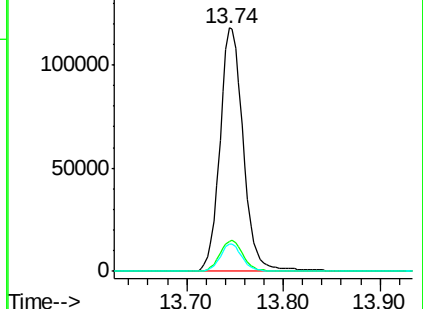
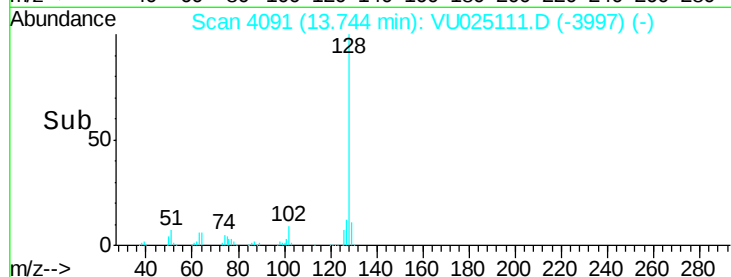
129 10.7 8.6 12.8



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: 21.158 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025111.D

Acq: 01 Jul 2018 01:17

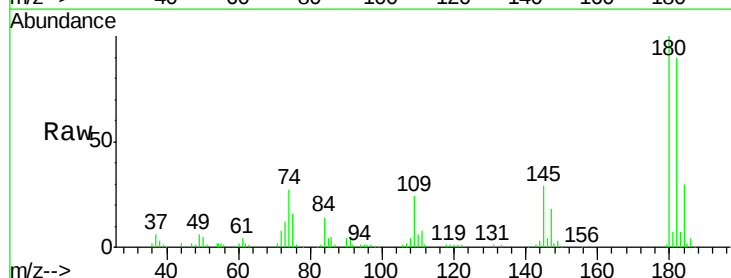
Tgt Ion:180 Resp: 62446

Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.7

145 31.0 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

