

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025162.D
 Acq On : 02 Jul 2018 23:45
 Operator : MD/SY
 Sample : VU0702WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Quant Time: Jul 03 03:04:07 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	162647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251987	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	234352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	131911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	128638	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	4.89	113	104972	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	7.57	98	328267	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	
62) 4-Bromofluorobenzene	10.31	95	138483	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34835	17.111	ug/l	99
3) Chloromethane	1.33	50	38754	18.633	ug/l	100
4) Vinyl Chloride	1.40	62	41659	19.422	ug/l	96
5) Bromomethane	1.62	94	25487	24.580	ug/l	99
6) Chloroethane	1.70	64	27215	22.118	ug/l	98
7) Trichlorofluoromethane	1.89	101	67555	20.637	ug/l	99
8) Diethyl Ether	2.10	74	26057	22.350	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39412	19.407	ug/l	96
10) Methyl Iodide	2.41	142	39970	26.085	ug/l	96
11) Tert butyl alcohol	2.82	59	74542	115.429	ug/l	99
12) 1,1-Dichloroethene	2.28	96	37286	20.133	ug/l	98
13) Acrolein	2.19	56	8446	24.906	ug/l	86
14) Allyl chloride	2.59	41	61957	18.018	ug/l	98
15) Acrylonitrile	2.94	53	140861	112.111	ug/l	99
16) Acetone	2.32	43	136223	95.484	ug/l	100
17) Carbon Disulfide	2.48	76	100248	16.905	ug/l	98
18) Methyl Acetate	2.62	43	86602	28.315	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	151014	21.693	ug/l	94
20) Methylene Chloride	2.70	84	50691	22.645	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	40617	19.913	ug/l	98
22) Diisopropyl ether	3.57	45	145201	21.301	ug/l	97
23) Vinyl Acetate	3.53	43	594268	97.322	ug/l	100
24) 1,1-Dichloroethane	3.45	63	83158	21.206	ug/l	99
25) 2-Butanone	4.26	43	206275	107.641	ug/l	98
26) 2,2-Dichloropropane	4.23	77	52026	13.972	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	48489	20.677	ug/l	98
28) Bromochloromethane	4.55	49	35470	20.536	ug/l	85
29) Tetrahydrofuran	4.63	42	129887	109.450	ug/l	97
30) Chloroform	4.68	83	87101	21.945	ug/l	98
31) Cyclohexane	5.00	56	73047	19.784	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	79508	21.663	ug/l	97
36) 1,1-Dichloropropene	5.14	75	58706	19.826	ug/l	97
37) Ethyl Acetate	4.38	43	74925	23.216	ug/l	99
38) Carbon Tetrachloride	5.14	117	67864	20.842	ug/l	98

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Quant Time: Jul 03 03:04:07 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)
39) Methylcyclohexane	6.42	83	71895	19.457	ug/l	95
40) Benzene	5.39	78	178727	21.183	ug/l	100
41) Methacrylonitrile	4.54	41	40993	23.558	ug/l	98
42) 1,2-Dichloroethane	5.41	62	75749	23.572	ug/l	98
43) Isopropyl Acetate	5.55	43	119218	21.371	ug/l	99
44) Trichloroethene	6.19	130	48767	20.309	ug/l	97
45) 1,2-Dichloropropane	6.44	63	47908	21.280	ug/l	97
46) Dibromomethane	6.56	93	34519	21.829	ug/l	94
47) Bromodichloromethane	6.76	83	65280	20.731	ug/l #	97
48) Methyl methacrylate	6.63	41	61722	22.722	ug/l	97
49) 1,4-Dioxane	6.62	88	28633	538.992	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	391286	111.645	ug/l	99
52) Toluene	7.64	92	114923	21.171	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	65336	18.476	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	69842	18.535	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	47346	21.457	ug/l	100
56) Ethyl methacrylate	8.02	69	76535	20.723	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82480	22.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	133658	94.466	ug/l	96
59) 2-Hexanone	8.36	43	306572	107.145	ug/l	100
60) Dibromochloromethane	8.48	129	51514	18.722	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52175	21.244	ug/l	97
64) Tetrachloroethene	8.23	164	50549	22.692	ug/l	96
65) Chlorobenzene	9.12	112	130329	21.769	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	48909	21.503	ug/l	97
67) Ethyl Benzene	9.25	91	222224	21.173	ug/l	99
68) m/p-Xylenes	9.38	106	171934	42.661	ug/l	98
69) o-Xylene	9.78	106	85560	21.451	ug/l	100
70) Styrene	9.80	104	135206	20.628	ug/l	99
71) Bromoform	9.96	173	39941	18.475	ug/l #	99
73) Isopropylbenzene	10.17	105	231683	22.876	ug/l	100
74) N-amyl acetate	10.01	43	99317	20.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79018	23.283	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	89453	30.801	ug/l	82
77) Bromobenzene	10.45	156	59063	23.036	ug/l	95
78) n-propylbenzene	10.59	91	250026	20.957	ug/l	97
79) 2-Chlorotoluene	10.66	91	156148	22.195	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	193573	22.052	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	89453	71.287	ug/l #	100
82) 4-Chlorotoluene	10.78	91	175601	21.445	ug/l	99
83) tert-Butylbenzene	11.10	119	191057	22.627	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	197224	22.047	ug/l	100
85) sec-Butylbenzene	11.33	105	228522	21.621	ug/l	98
86) p-Isopropyltoluene	11.48	119	200692	21.201	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	102841	21.711	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	99620	20.895	ug/l	99
89) n-Butylbenzene	11.89	91	151934	18.078	ug/l	98
90) Hexachloroethane	12.15	117	34880	18.889	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	106409	22.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19863	21.211	ug/l	96

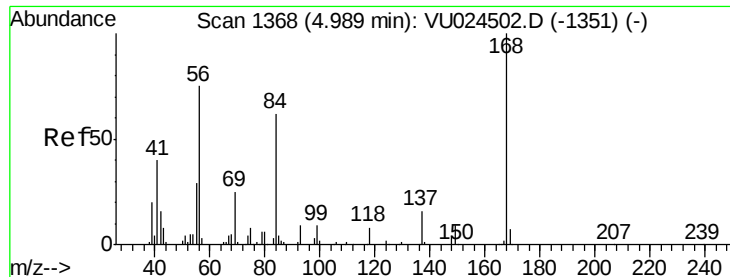
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
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Quant Time: Jul 03 03:04:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	59544	20.323	ug/l	99
94) Hexachlorobutadiene	13.70	225	33892	20.552	ug/l	98
95) Naphthalene	13.75	128	205604	21.589	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	65508	22.438	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

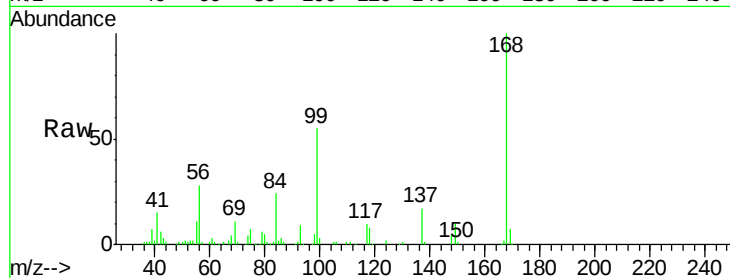
VU0702WBS02

Tot Ion:168 Resp: 162647

Ion Ratio Lower Upper

168 100

99 54.5 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) (-)

4.99

80000

60000

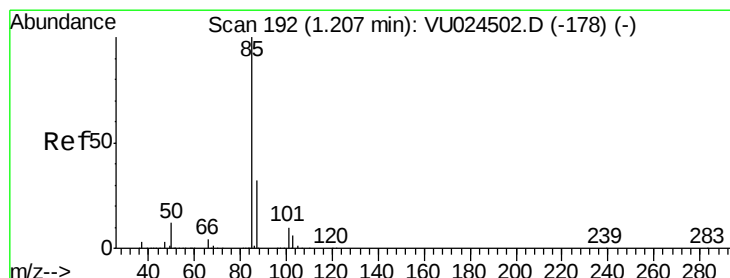
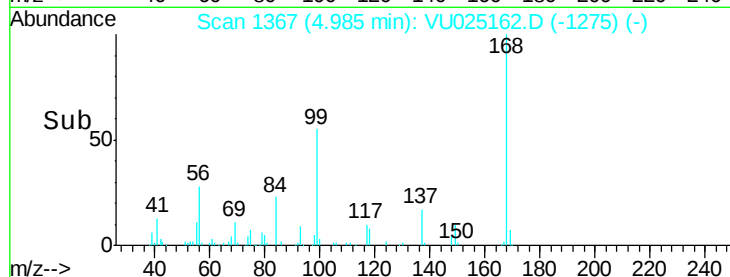
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.111 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025162.D

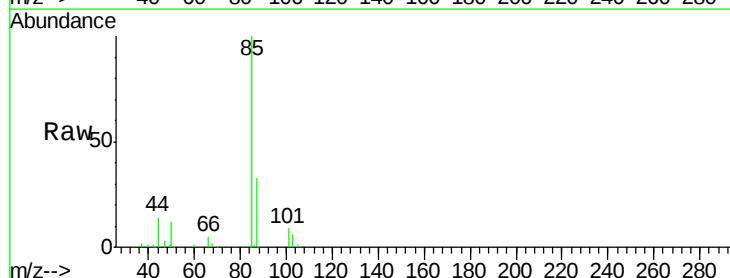
Acq: 02 Jul 2018 23:45

Tgt Ion: 85 Resp: 34835

Ion Ratio Lower Upper

85 100

87 32.6 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) (-)

1.20

40000

30000

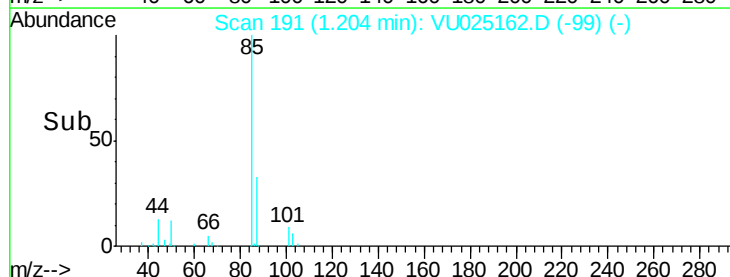
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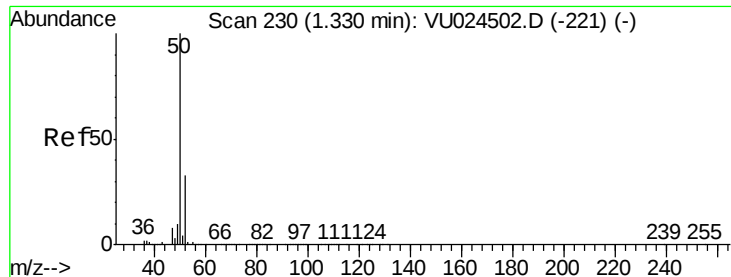
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.633 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

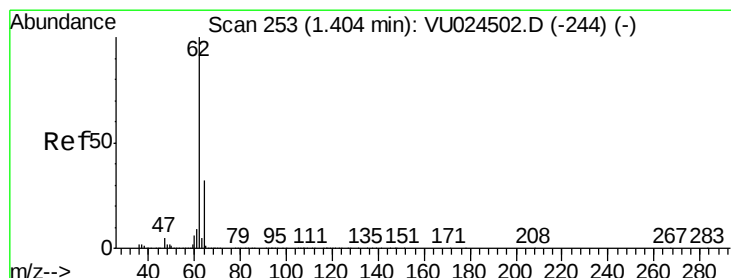
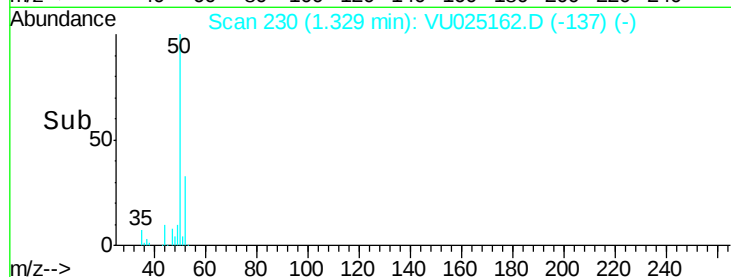
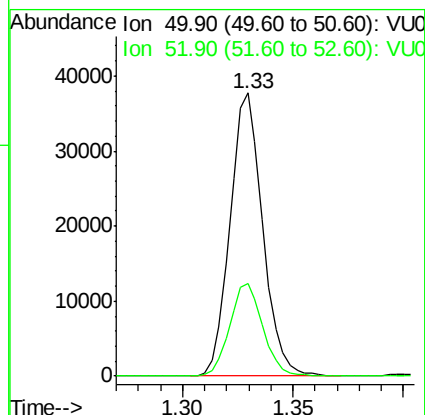
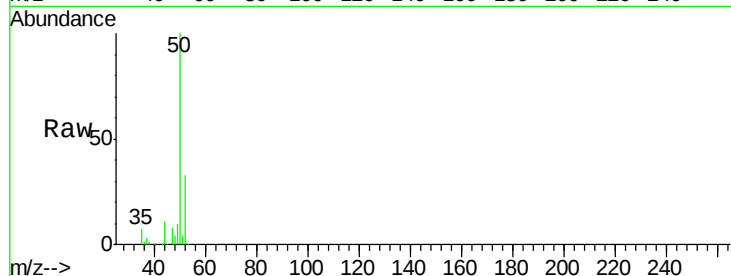
VU0702WBS02

Tot Ion: 50 Resp: 38754

Ion Ratio Lower Upper

50 100

52 33.0 26.4 39.6



#4

Vinyl Chloride

Concen: 19.422 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025162.D

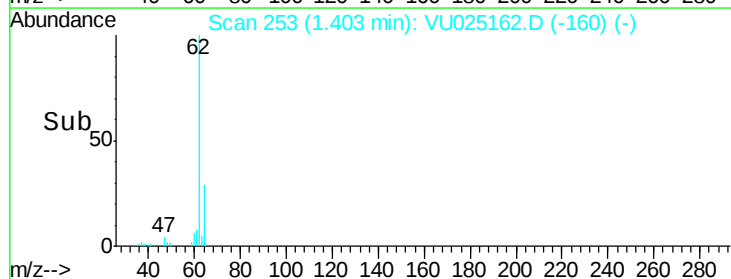
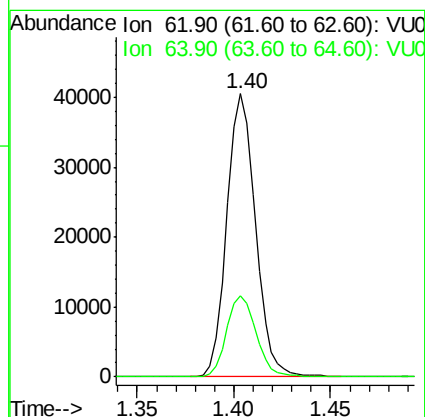
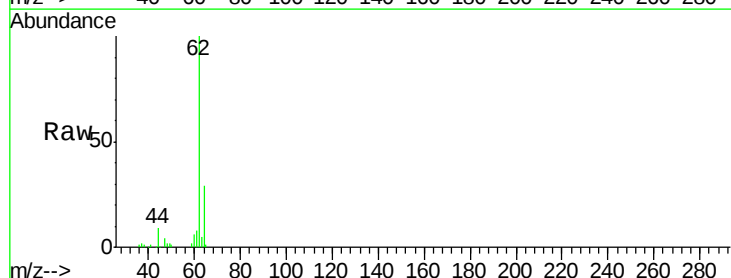
Acq: 02 Jul 2018 23:45

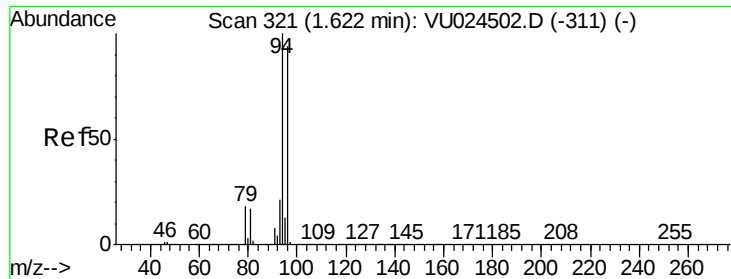
Tgt Ion: 62 Resp: 41659

Ion Ratio Lower Upper

62 100

64 28.8 24.8 37.2





#5

Bromomethane

Concen: 24.580 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

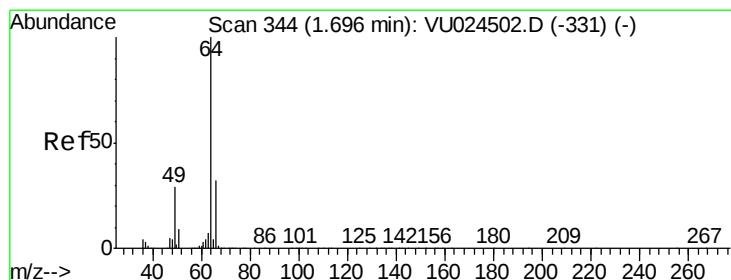
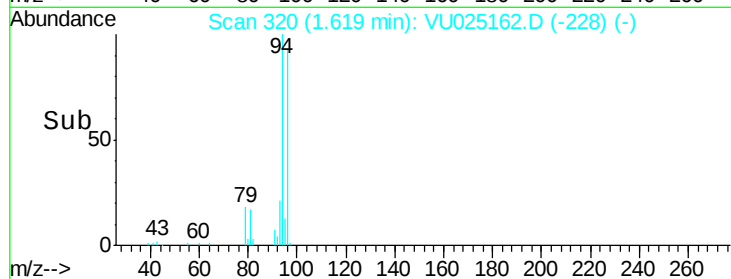
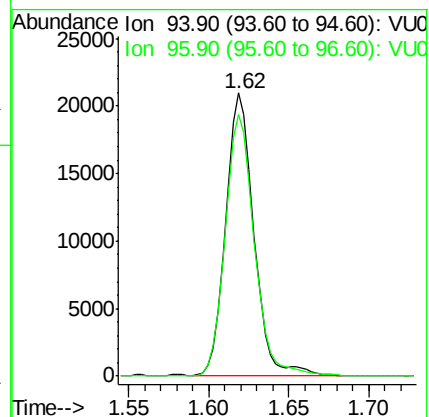
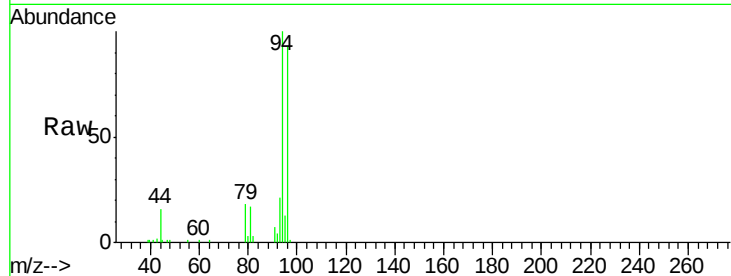
VU0702WBS02

Tot Ion: 94 Resp: 25487

Ion Ratio Lower Upper

94 100

96 92.6 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: VU025162.D

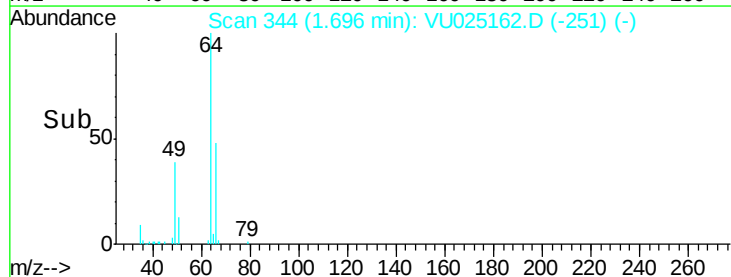
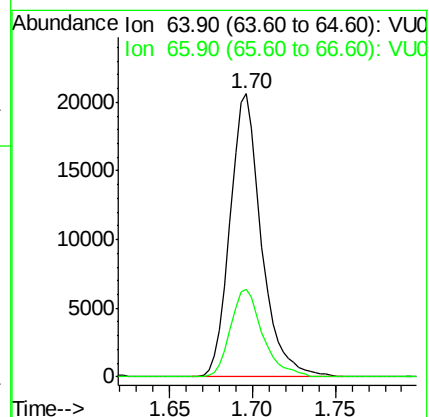
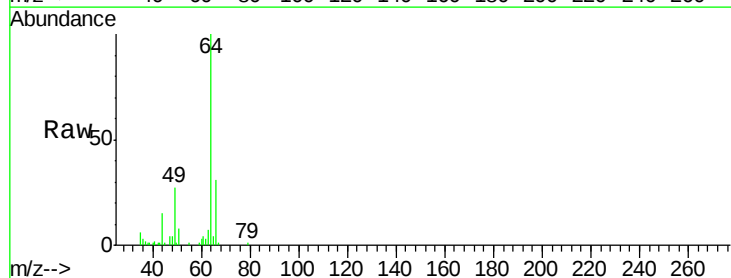
Acq: 02 Jul 2018 23:45

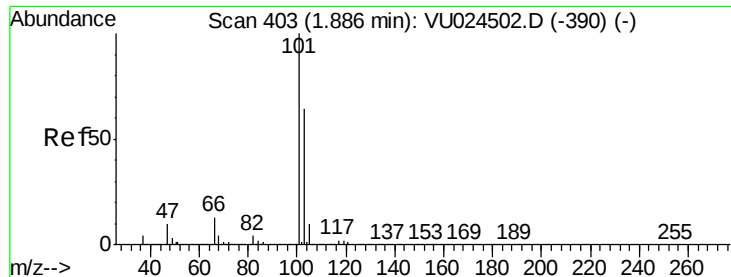
Tgt Ion: 64 Resp: 27215

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



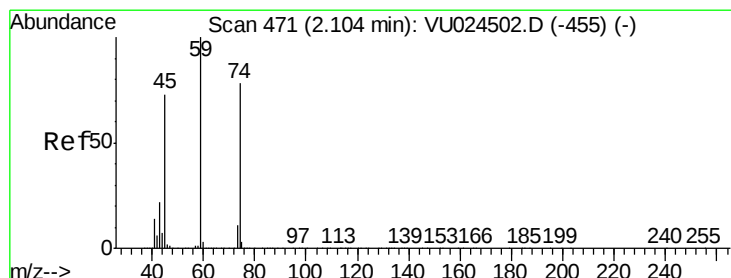
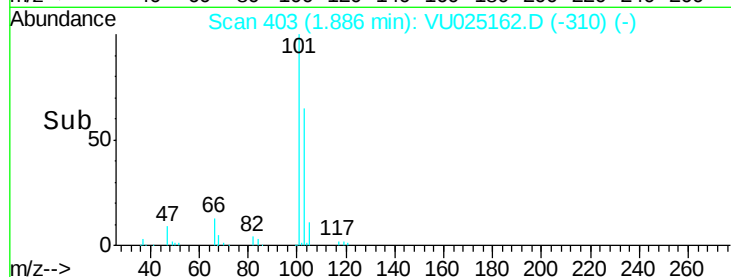
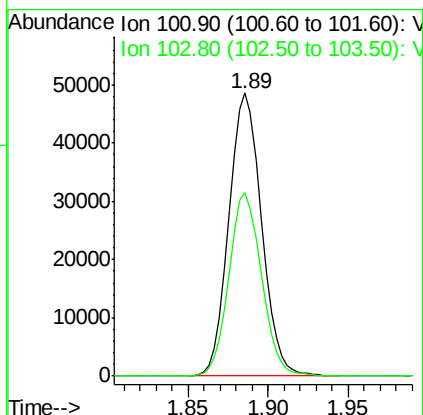
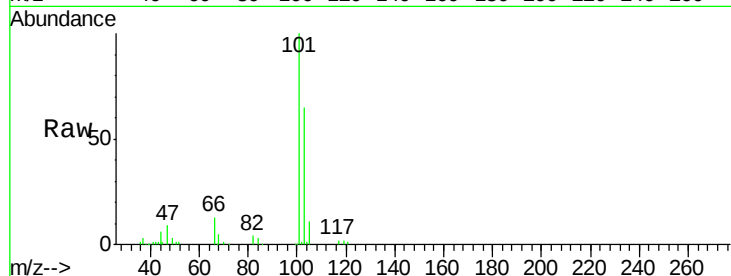


#7

Trichlorofluoromethane
 Concen: 20.637 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
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 VU0702WBS02

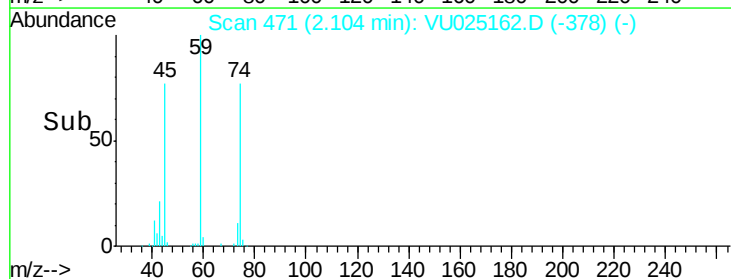
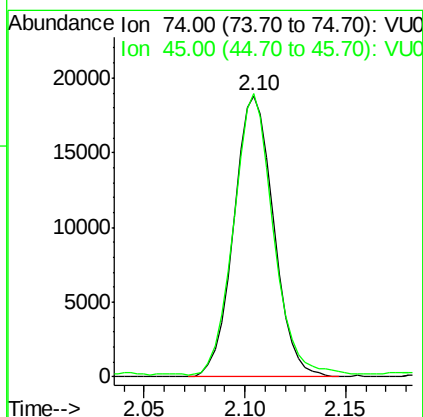
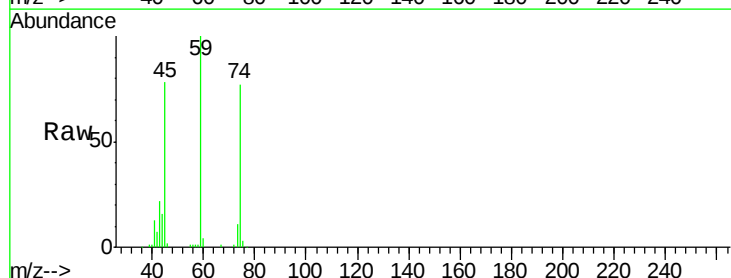
Tot Ion:101 Resp: 67555
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5

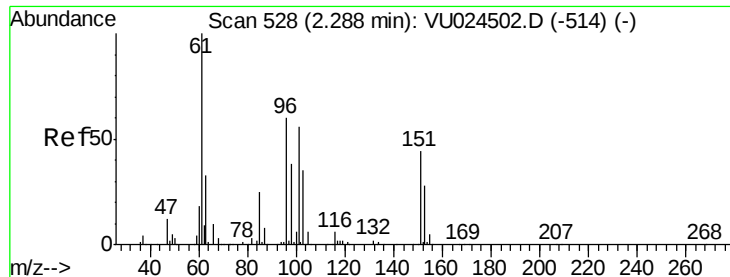


#8

Diethyl Ether
 Concen: 22.350 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion: 74 Resp: 26057
 Ion Ratio Lower Upper
 74 100
 45 98.5 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.407 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

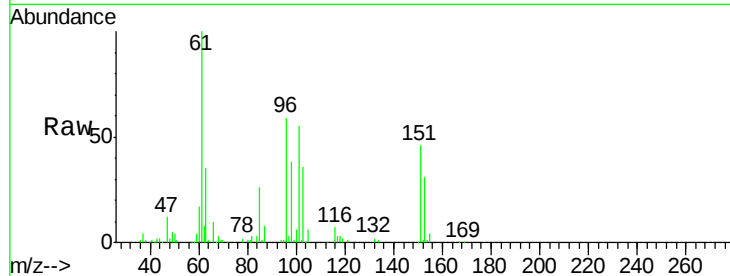
Tot Ion:101 Resp: 39412

Ion Ratio Lower Upper

101 100

85 46.6 36.0 54.0

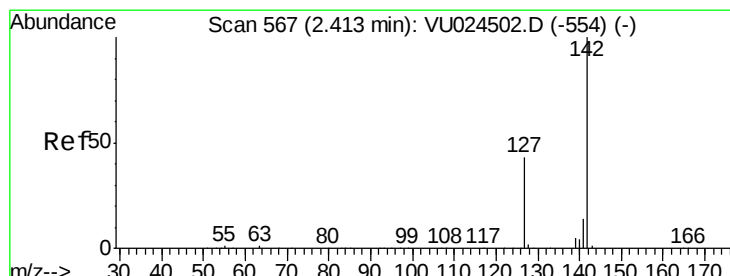
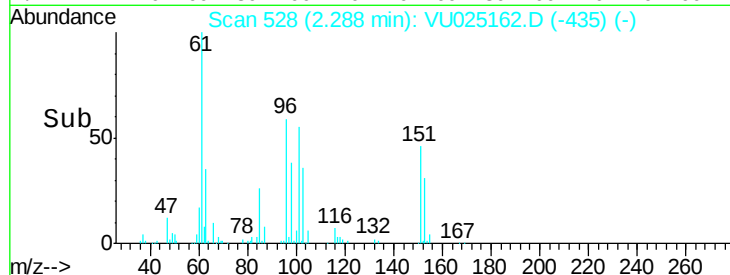
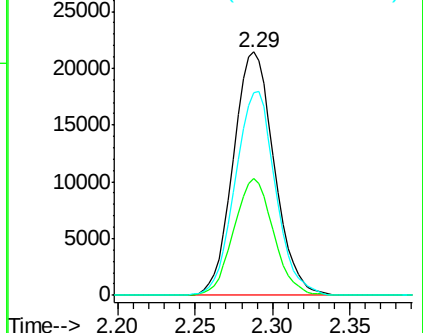
151 82.7 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 26.085 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

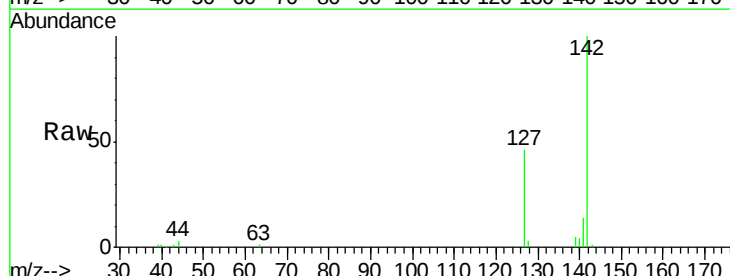
Tgt Ion:142 Resp: 39970

Ion Ratio Lower Upper

142 100

127 47.8 35.6 53.4

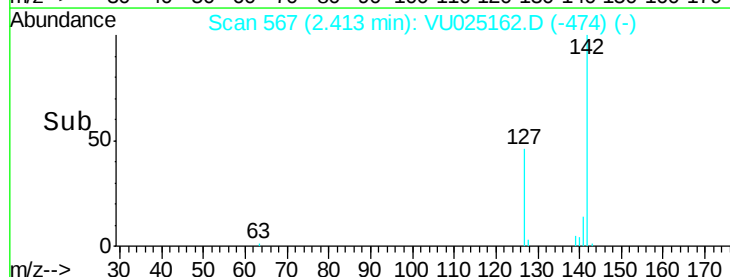
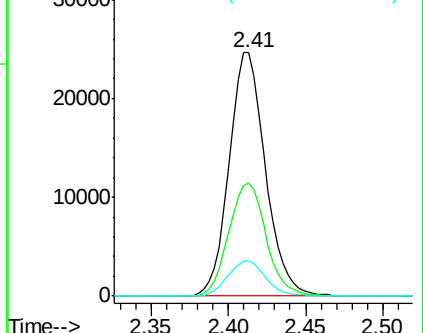
141 14.8 11.7 17.5

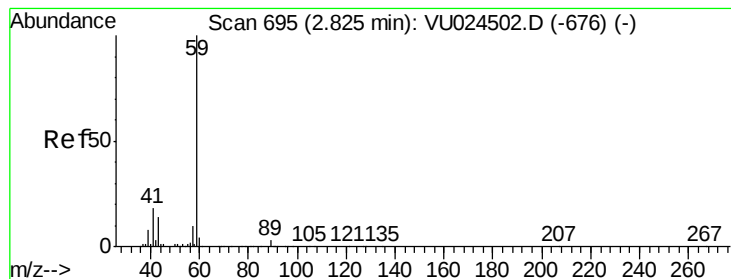


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



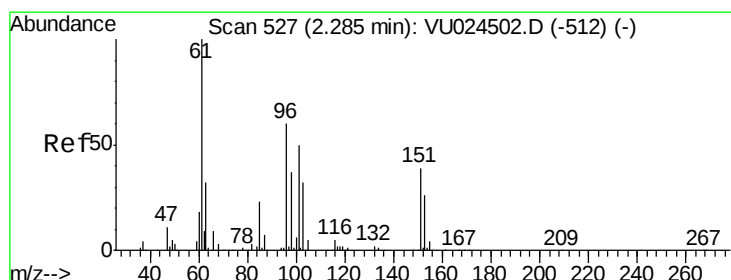
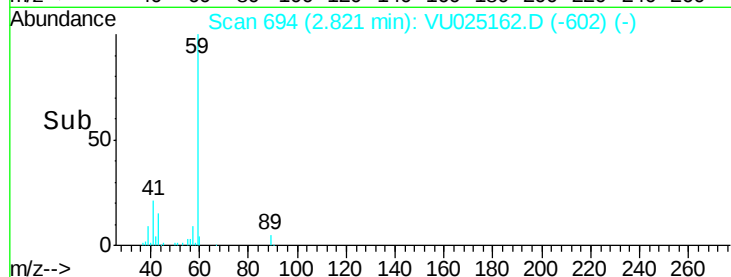
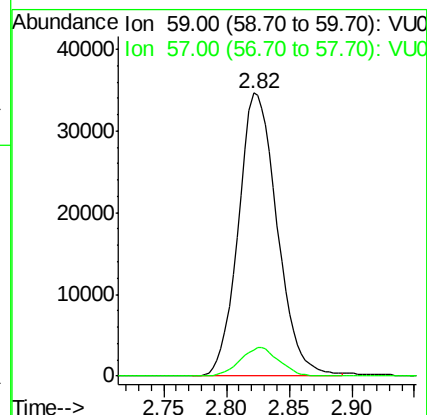
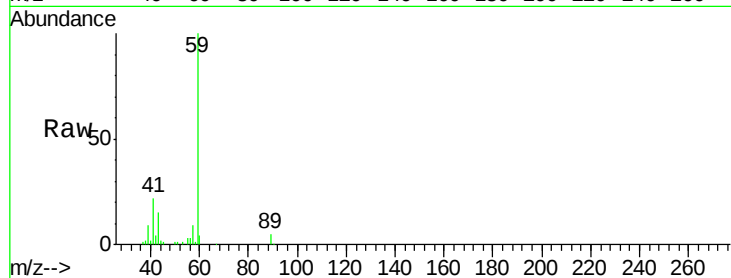


#11

Tert butyl alcohol
 Concen: 115.429 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

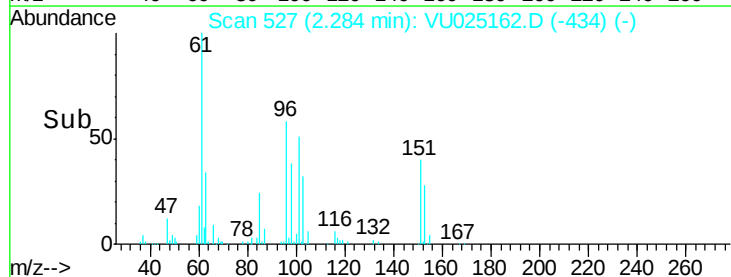
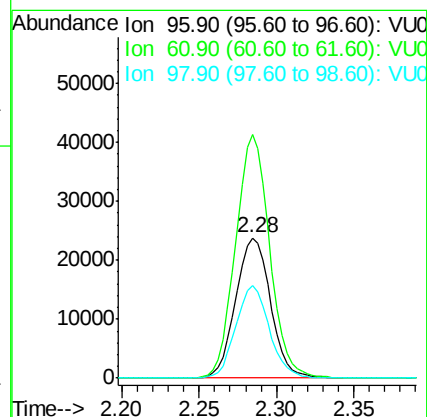
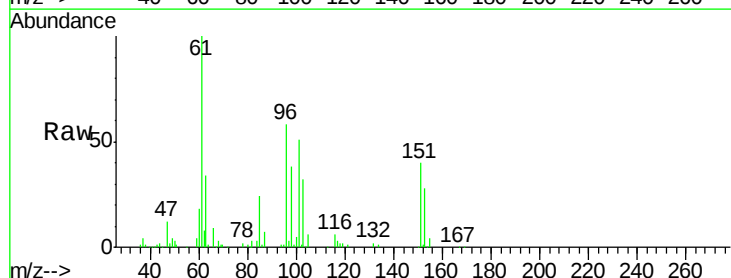
Tot Ion: 59 Resp: 74542
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

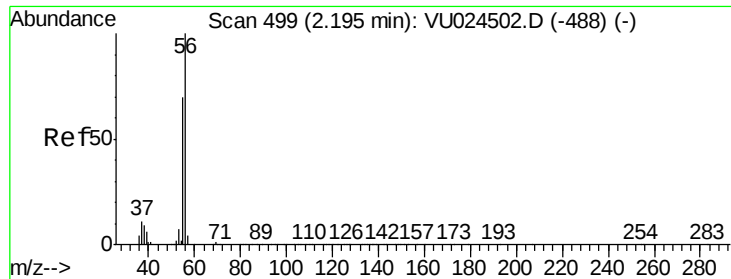


#12

1,1-Dichloroethene
 Concen: 20.133 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion: 96 Resp: 37286
 Ion Ratio Lower Upper
 96 100
 61 173.8 141.7 212.5
 98 66.0 51.6 77.4





#13

Acrolein

Concen: 24.906 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

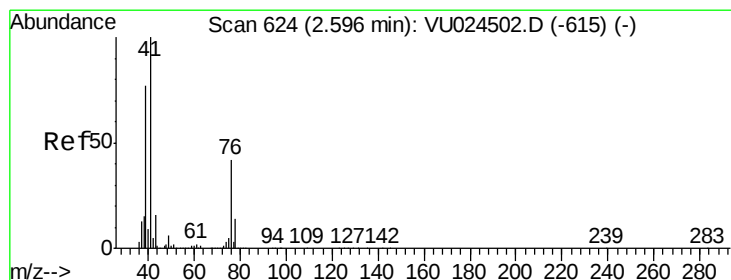
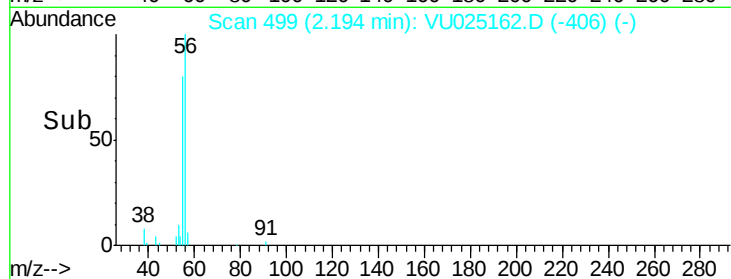
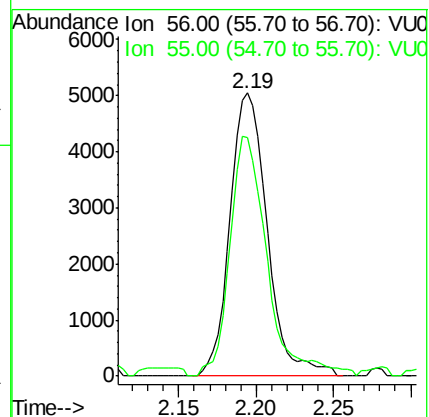
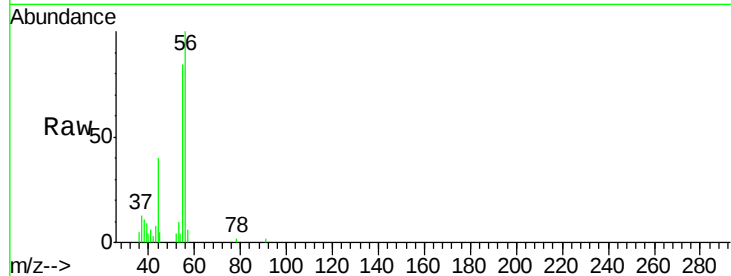
VU0702WBS02

Tot Ion: 56 Resp: 8446

Ion Ratio Lower Upper

56 100

55 84.6 58.4 87.6



#14

Allyl chloride

Concen: 18.018 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

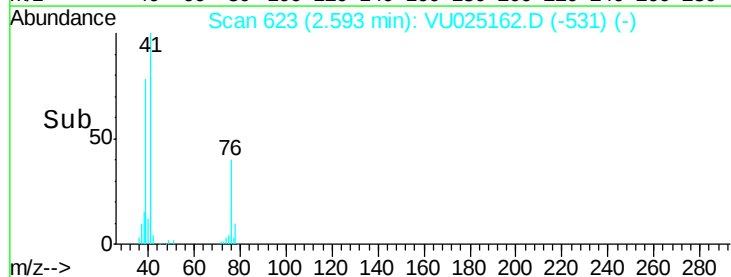
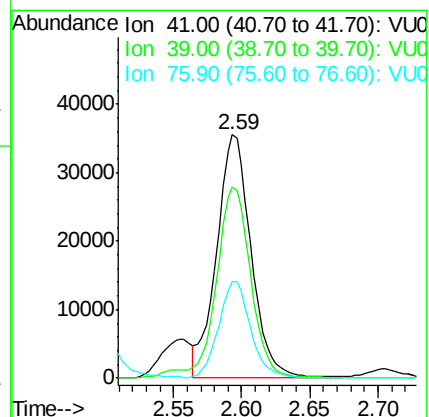
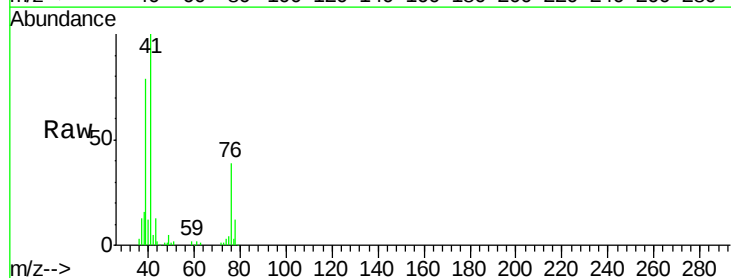
Tgt Ion: 41 Resp: 61957

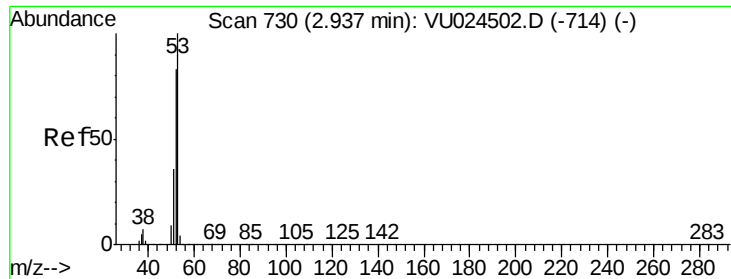
Ion Ratio Lower Upper

41 100

39 80.1 61.6 92.4

76 37.1 29.7 44.5





#15

Acrylonitrile

Concen: 112.111 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

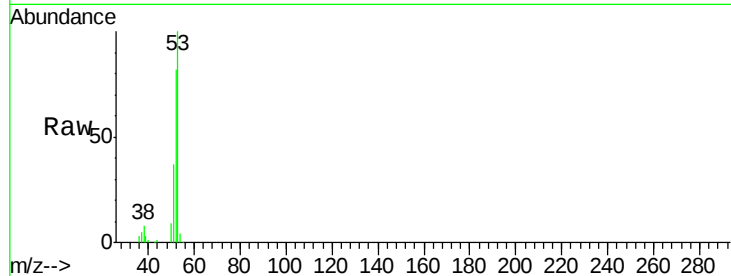
Tot Ion: 53 Resp: 140861

Ion Ratio Lower Upper

53 100

52 82.4 67.1 100.7

51 35.8 28.4 42.6

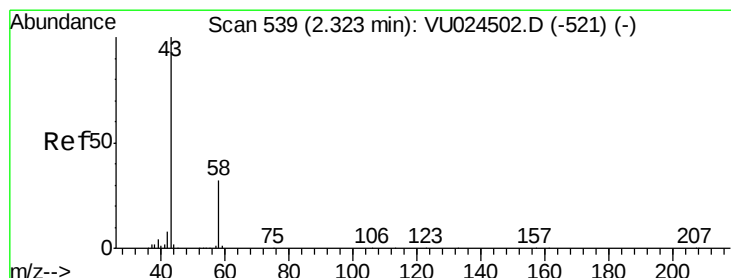
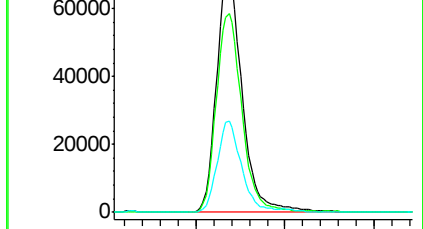
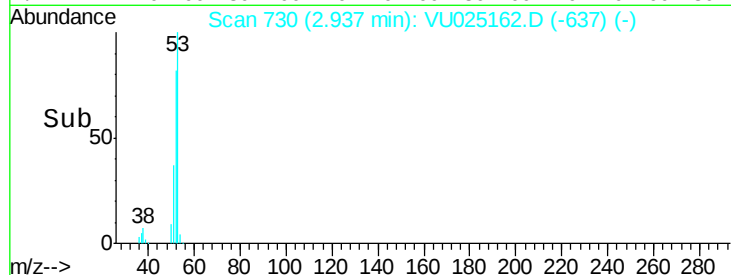


Abundance Ion 53.00 (52.70 to 53.70): VU024502.D (-714) (-)

Ion 52.00 (51.70 to 52.70): VU024502.D (-714) (-)

Ion 51.00 (50.70 to 51.70): VU024502.D (-714) (-)

Time-->



#16

Acetone

Concen: 95.484 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025162.D

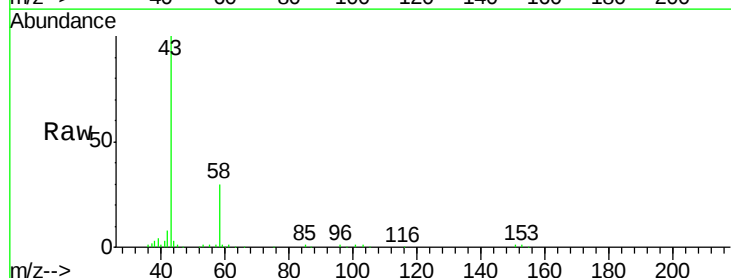
Acq: 02 Jul 2018 23:45

Tgt Ion: 43 Resp: 136223

Ion Ratio Lower Upper

43 100

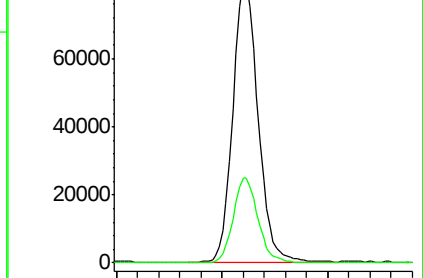
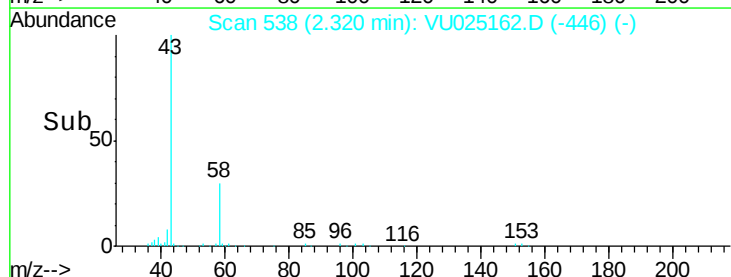
58 30.3 24.4 36.6

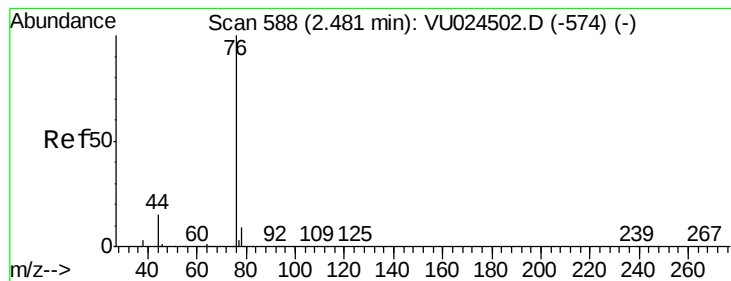


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

Time-->





#17

Carbon Disulfide

Concen: 16.905 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

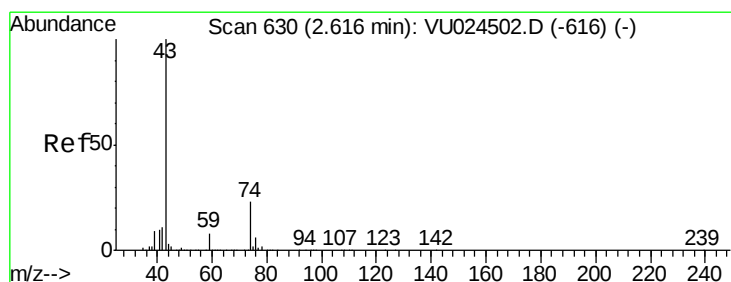
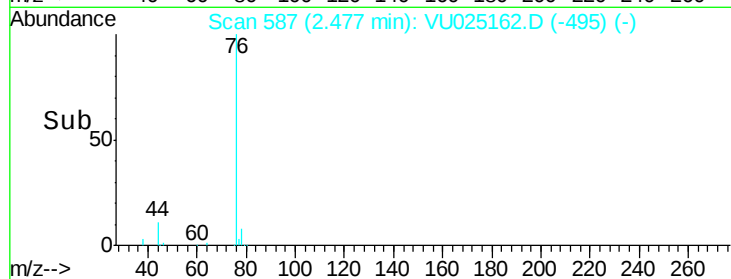
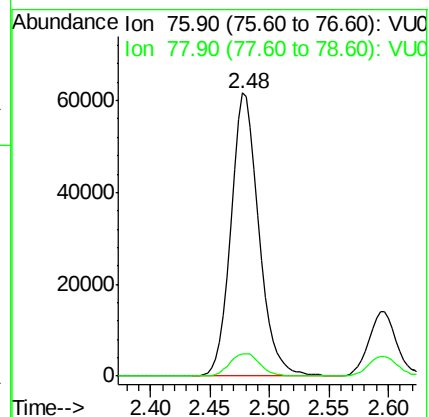
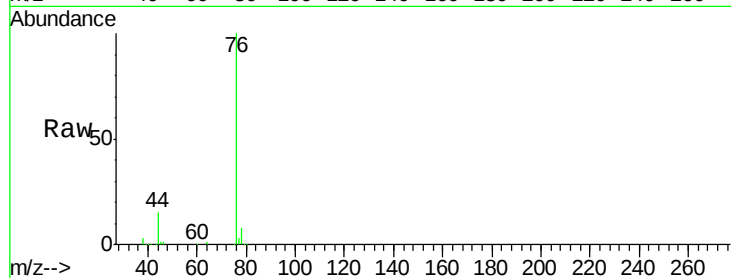
VU0702WBS02

Tot Ion: 76 Resp: 100248

Ion Ratio Lower Upper

76 100

78 8.0 7.1 10.7



#18

Methyl Acetate

Concen: 28.315 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025162.D

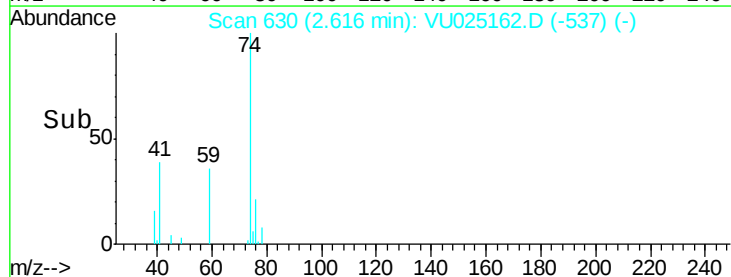
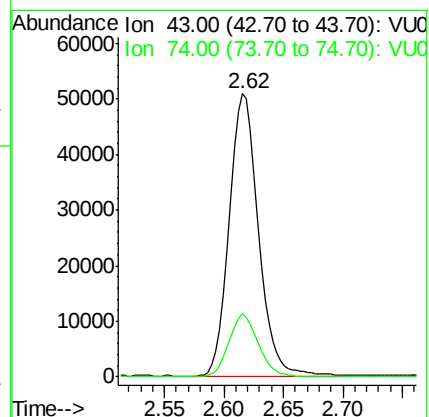
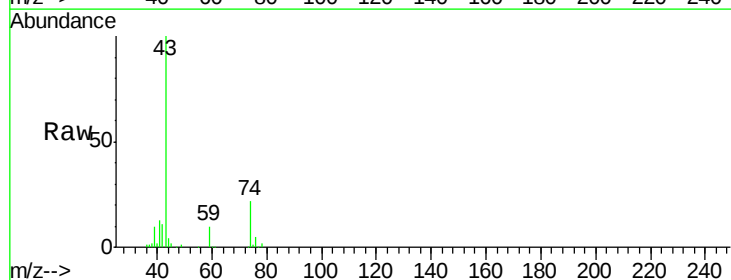
Acq: 02 Jul 2018 23:45

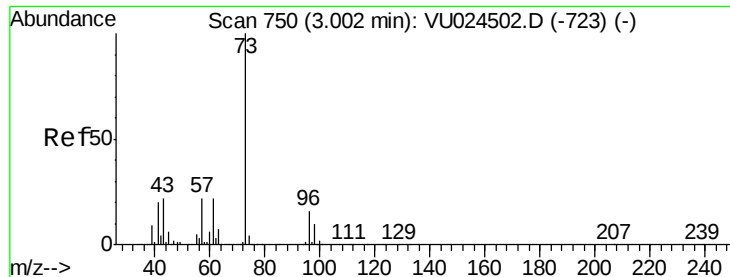
Tgt Ion: 43 Resp: 86602

Ion Ratio Lower Upper

43 100

74 22.2 18.0 27.0

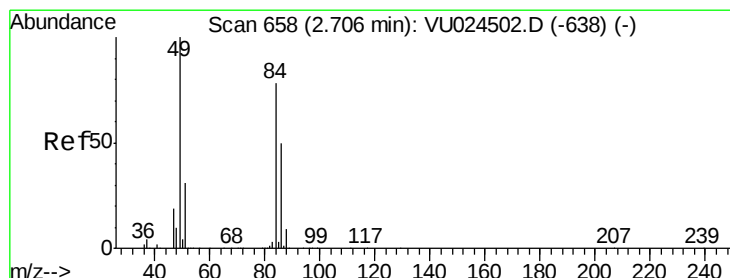
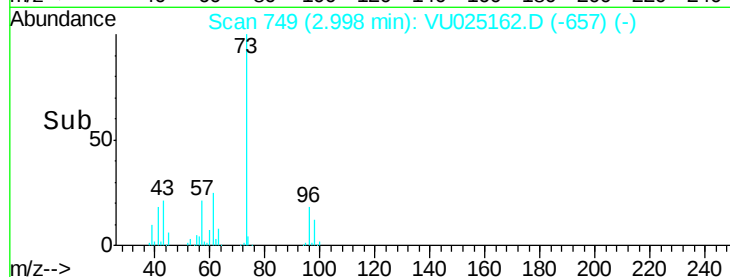
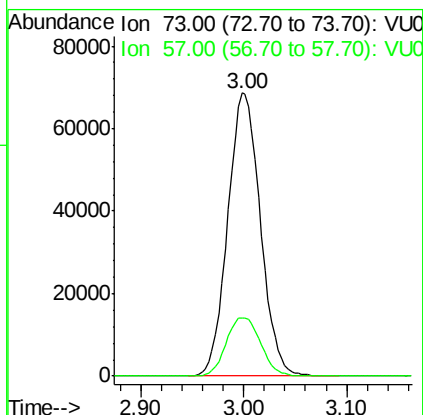
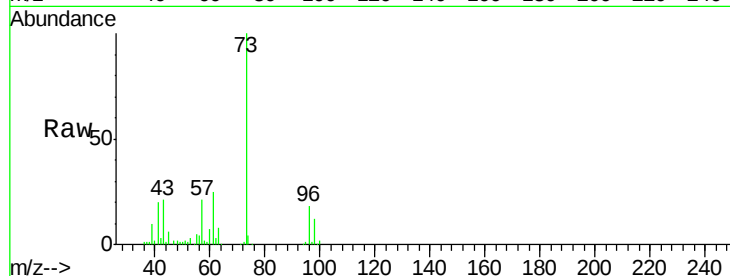




#19
Methyl tert-butyl Ether
Concen: 21.693 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

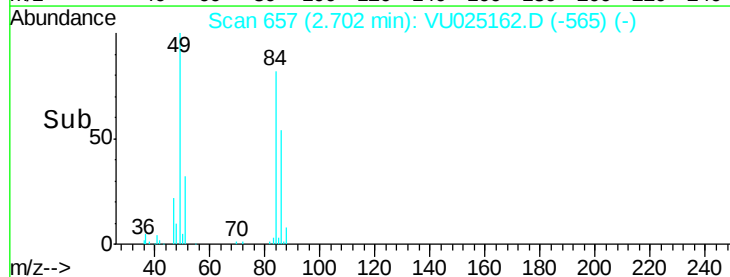
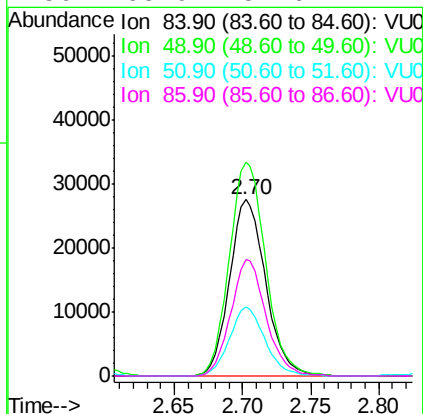
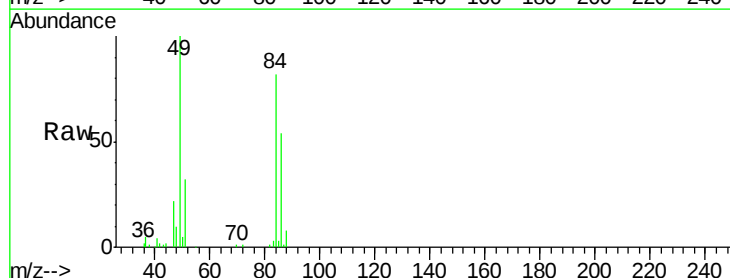
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

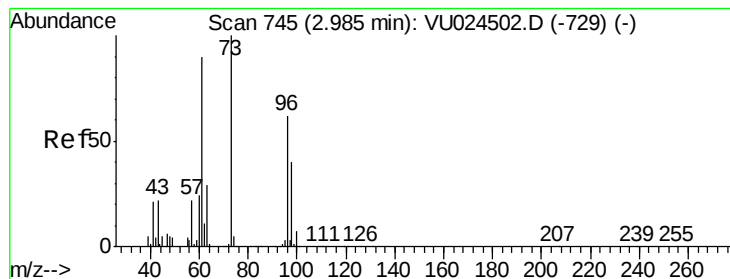
Tot Ion: 73 Resp: 151014
Ion Ratio Lower Upper
73 100
57 20.6 18.8 28.2



#20
Methylene Chloride
Concen: 22.645 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 84 Resp: 50691
Ion Ratio Lower Upper
84 100
49 121.3 103.8 155.8
51 39.2 32.0 48.0
86 65.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.913 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

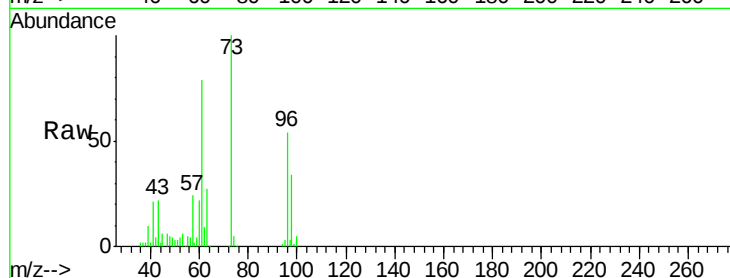
Tot Ion: 96 Resp: 40617

Ion Ratio Lower Upper

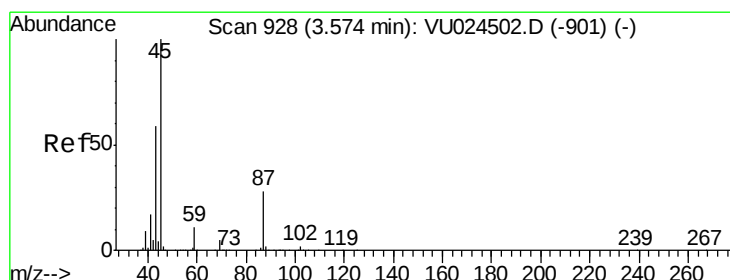
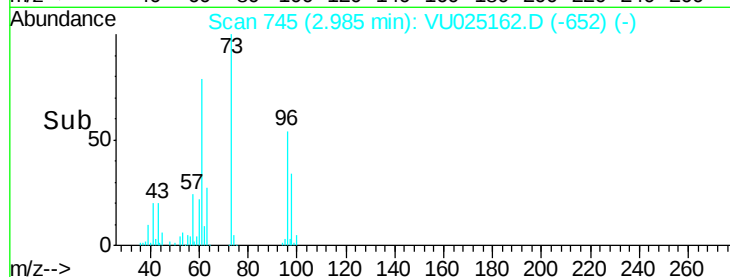
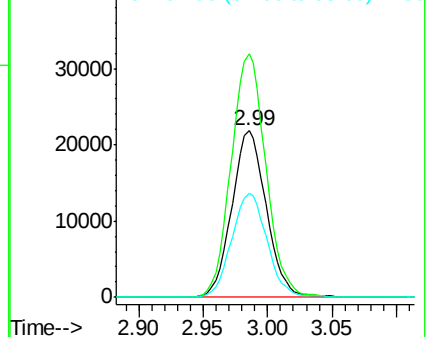
96 100

61 146.2 119.4 179.0

98 62.2 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: 21.301 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion: 45 Resp: 145201

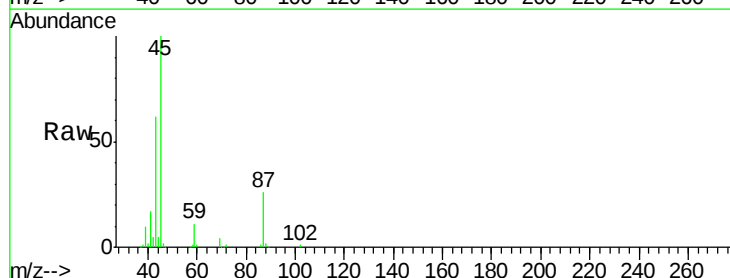
Ion Ratio Lower Upper

45 100

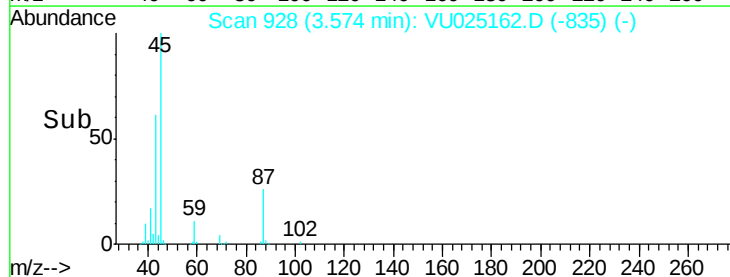
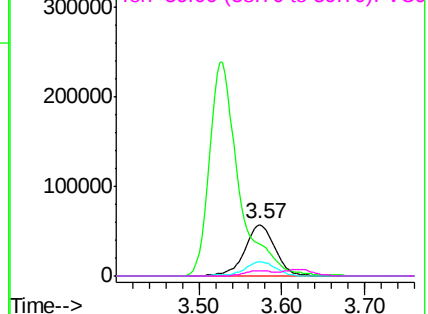
43 60.0 45.8 68.6

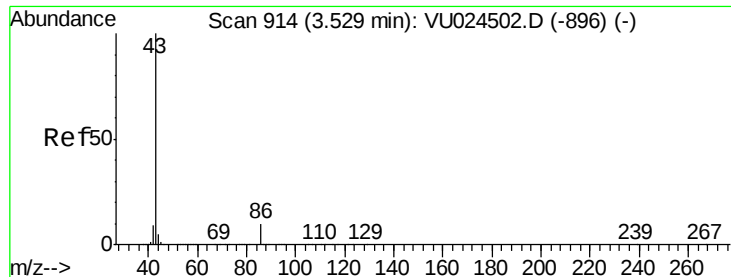
87 26.4 20.6 31.0

59 11.0 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: 97.322 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

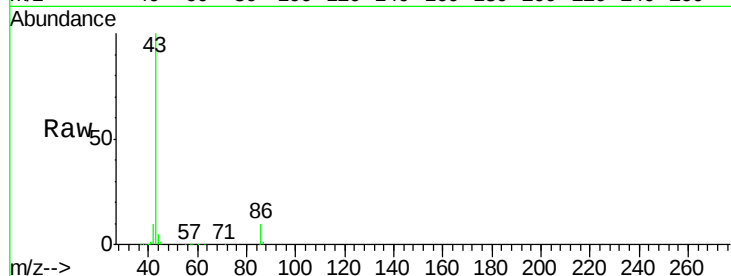
VU0702WBS02

Tot Ion: 43 Resp: 594268

Ion Ratio Lower Upper

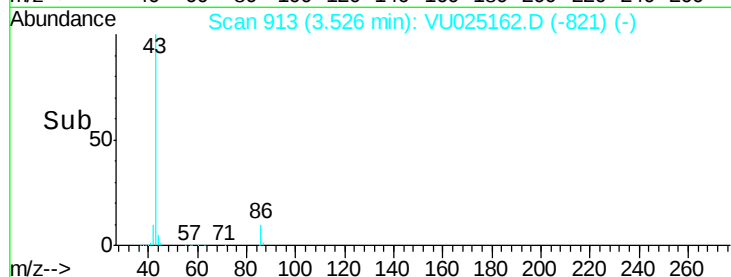
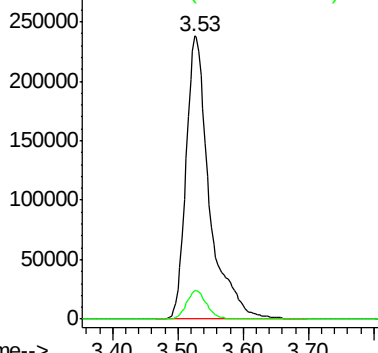
43 100

86 9.9 7.8 11.8

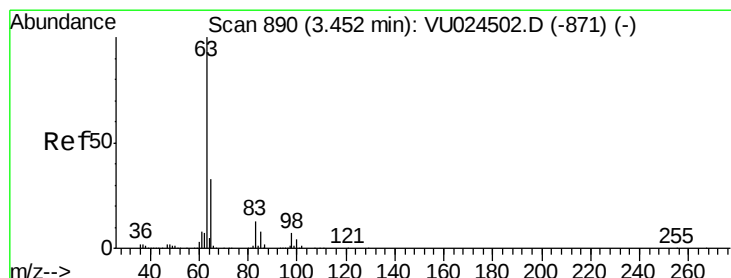


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 21.206 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

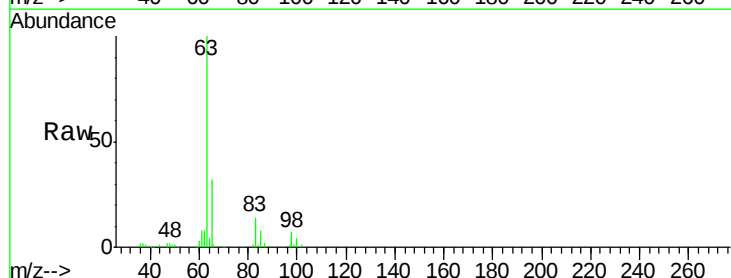
Tgt Ion: 63 Resp: 83158

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

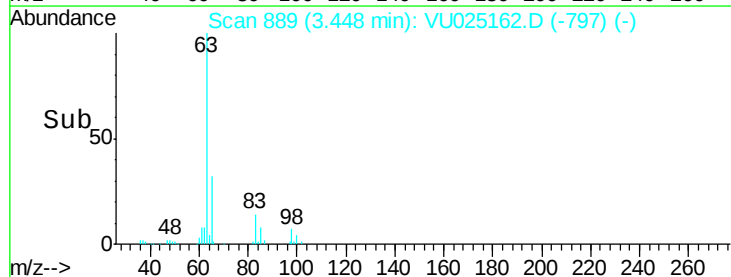
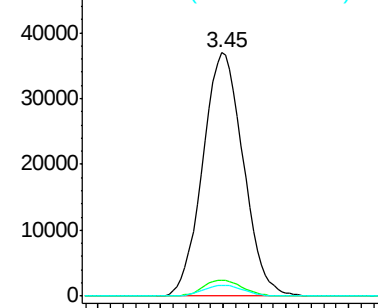
100 4.4 1.8 5.5



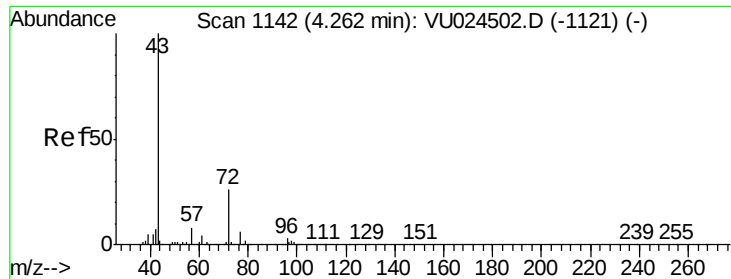
Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->



#25

2-Butanone

Concen: 107.641 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

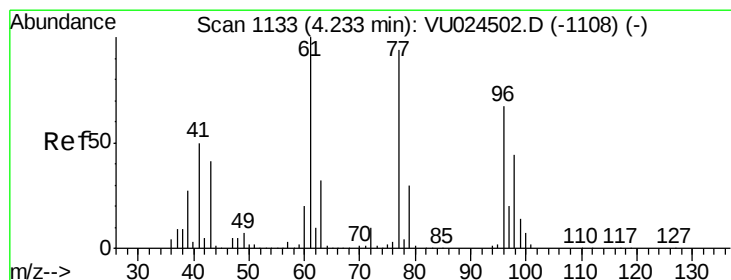
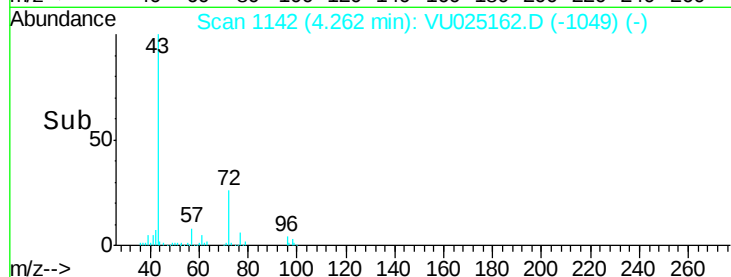
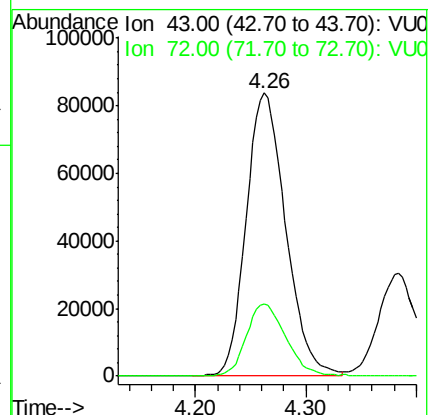
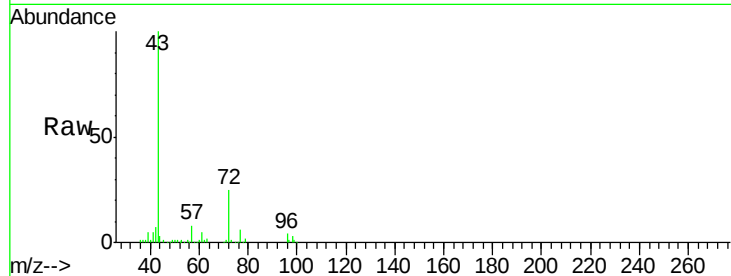
VU0702WBS02

Tot Ion: 43 Resp: 206275

Ion Ratio Lower Upper

43 100

72 25.5 19.6 29.4



#26

2,2-Dichloropropane

Concen: 13.972 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025162.D

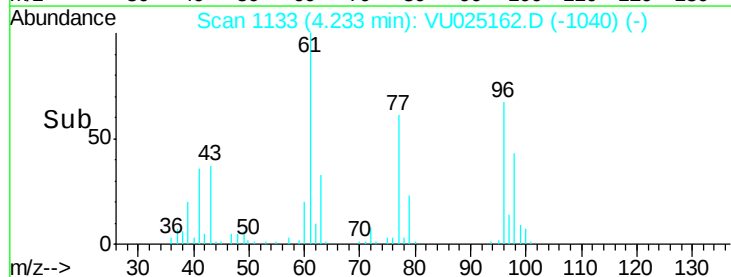
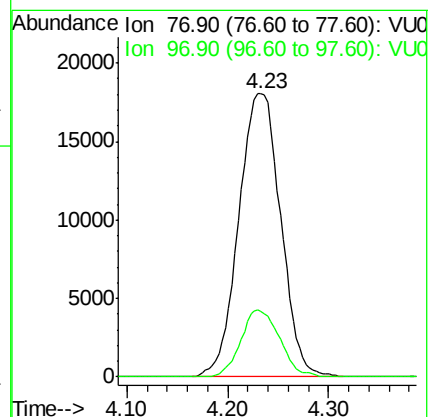
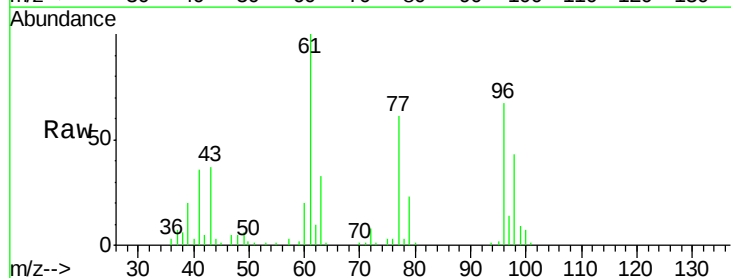
Acq: 02 Jul 2018 23:45

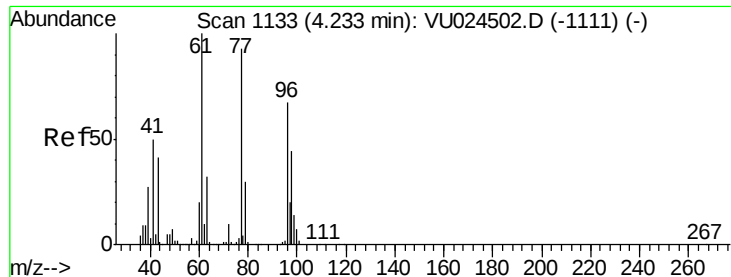
Tgt Ion: 77 Resp: 52026

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.677 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

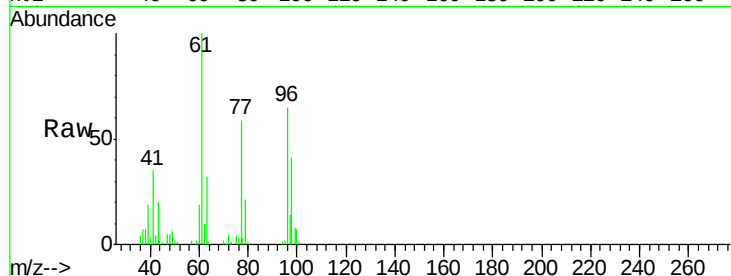
Tot Ion: 96 Resp: 48489

Ion Ratio Lower Upper

96 100

61 151.1 0.0 306.6

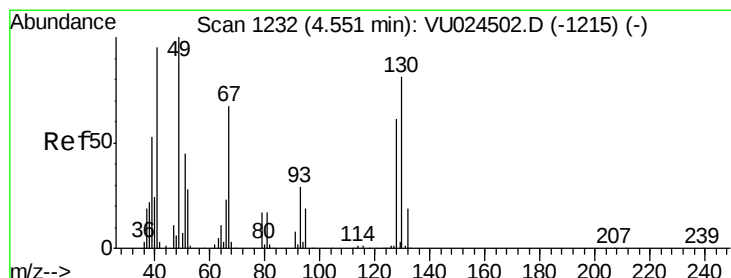
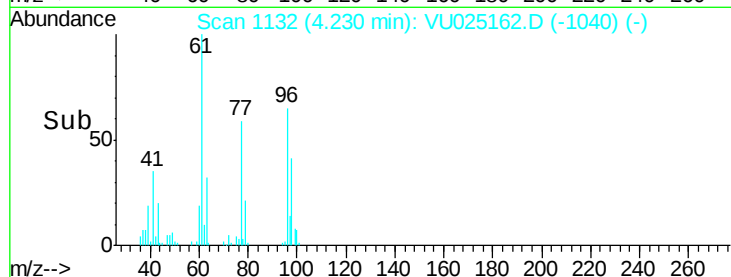
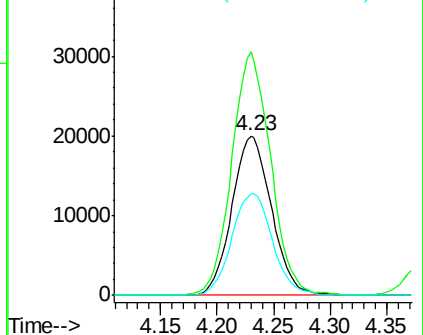
98 65.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 20.536 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

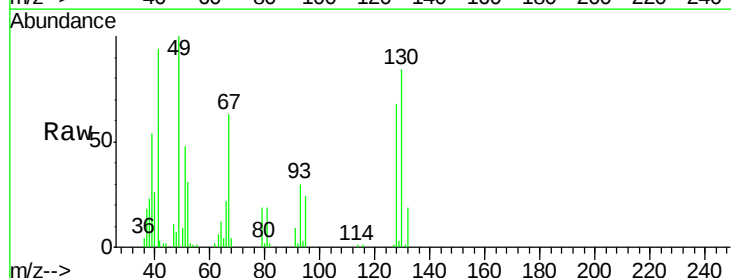
Tgt Ion: 49 Resp: 35470

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

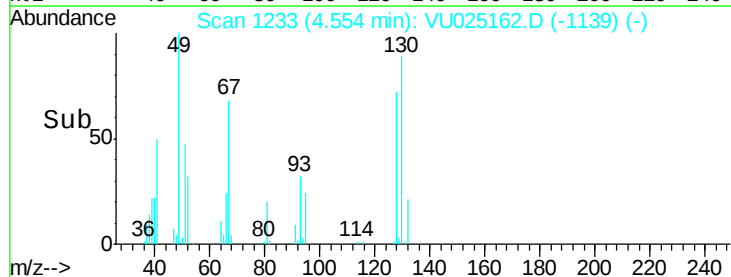
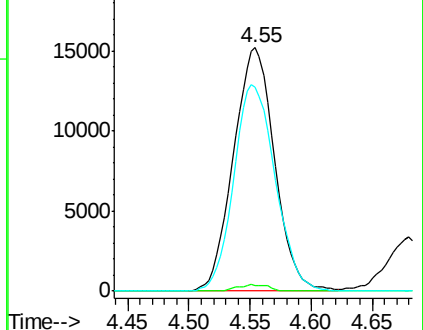
130 85.4 57.8 86.6

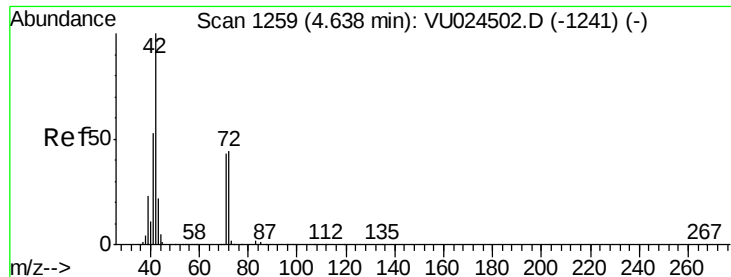


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.450 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

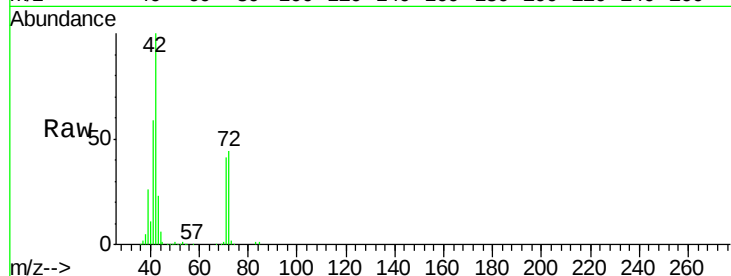
Tot Ion: 42 Resp: 129887

Ion Ratio Lower Upper

42 100

72 45.7 34.5 51.7

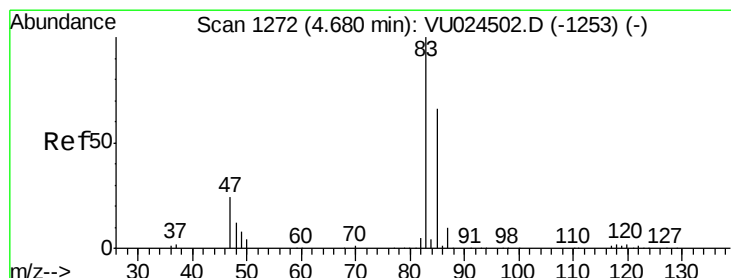
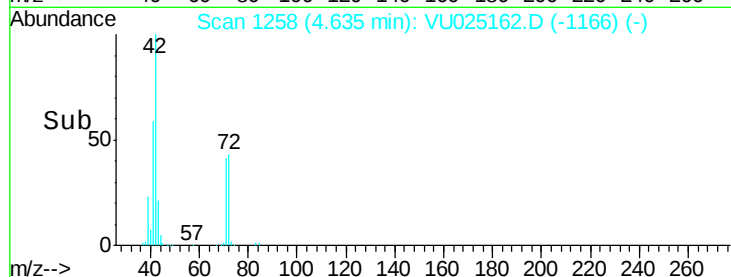
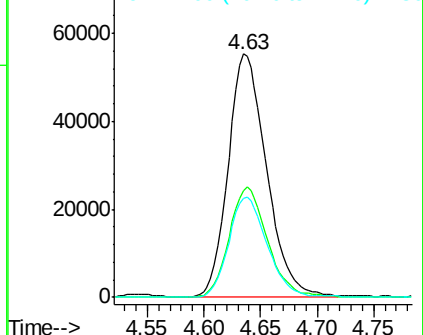
71 41.4 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 21.945 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VU025162.D

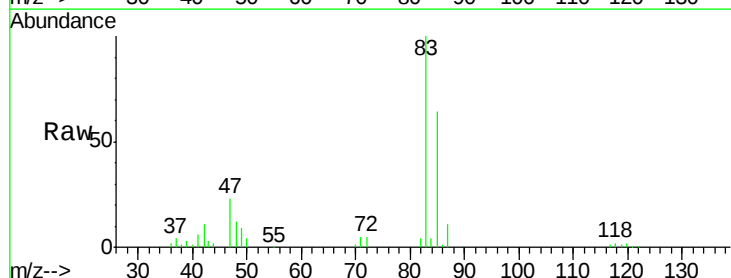
Acq: 02 Jul 2018 23:45

Tgt Ion: 83 Resp: 87101

Ion Ratio Lower Upper

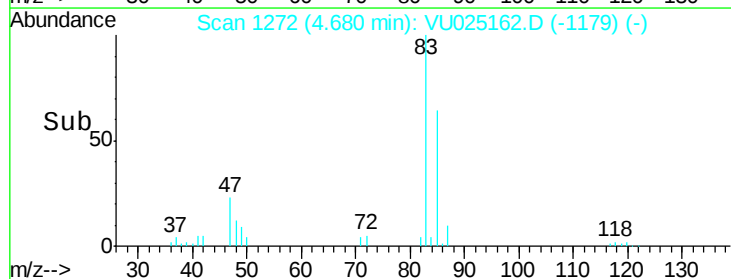
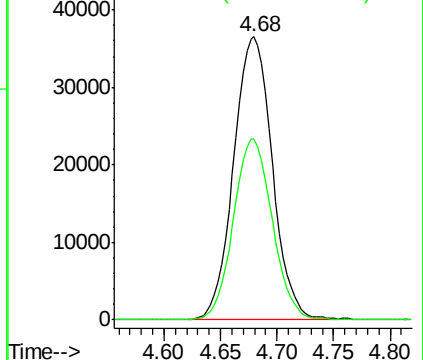
83 100

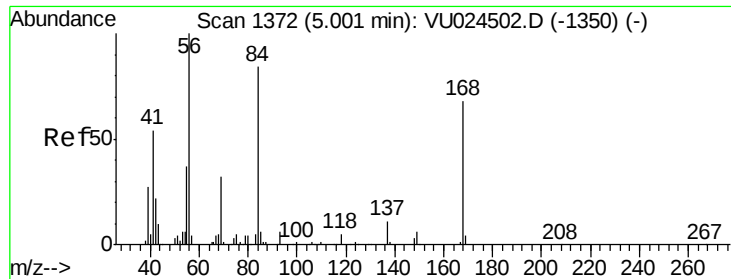
85 64.1 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

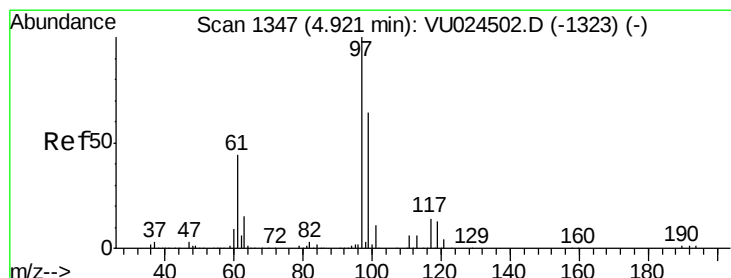
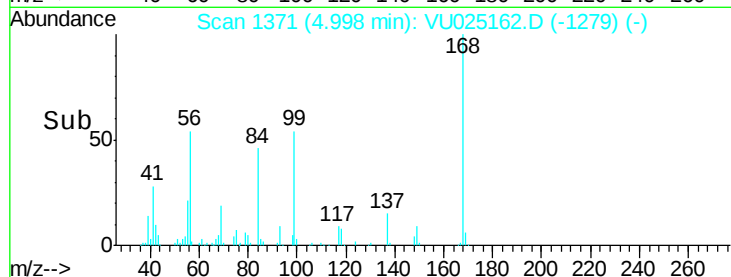
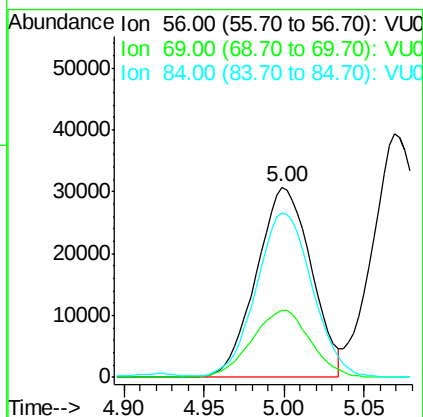
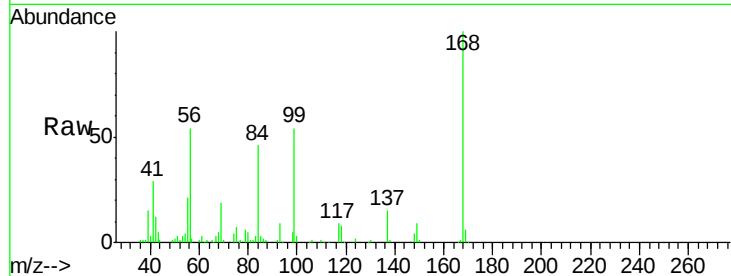




#31
Cyclohexane
Concen: 19.784 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

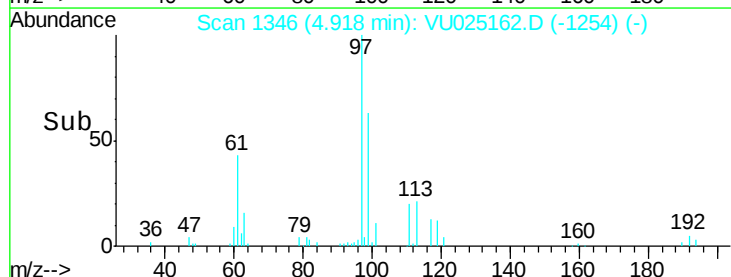
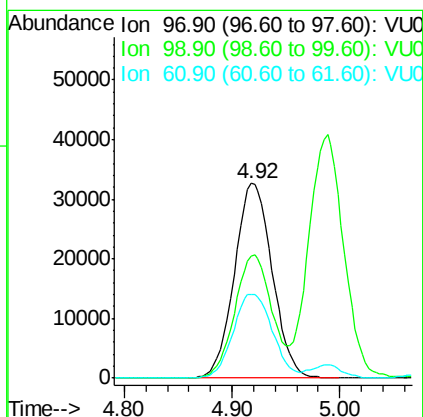
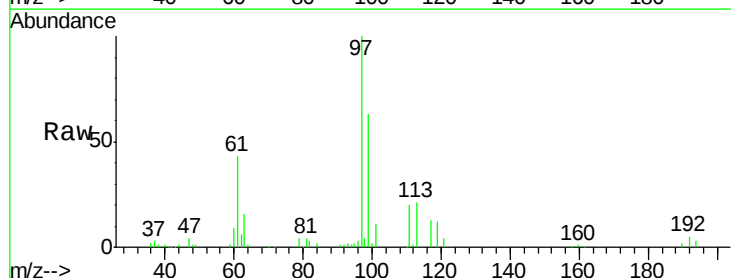
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

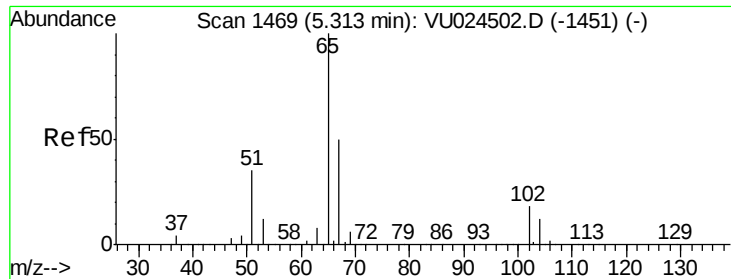
Tot Ion: 56 Resp: 73047
Ion Ratio Lower Upper
56 100
69 35.3 24.8 37.2
84 85.7 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 21.663 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 97 Resp: 79508
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 44.9 39.4 59.0

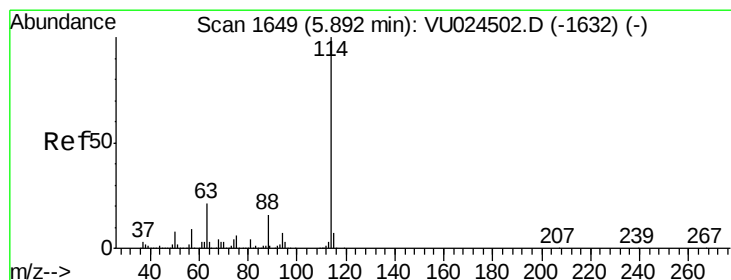
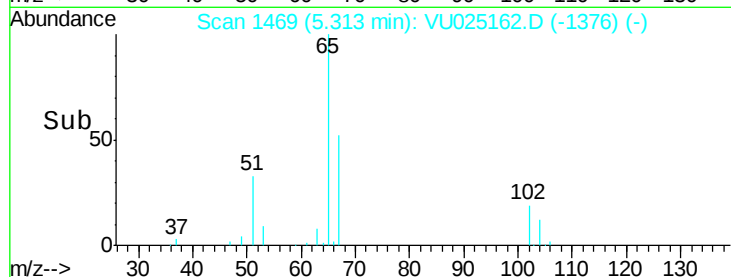
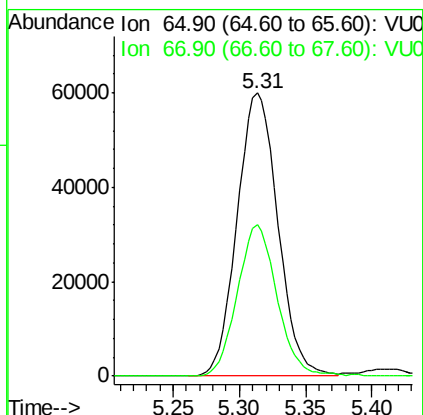
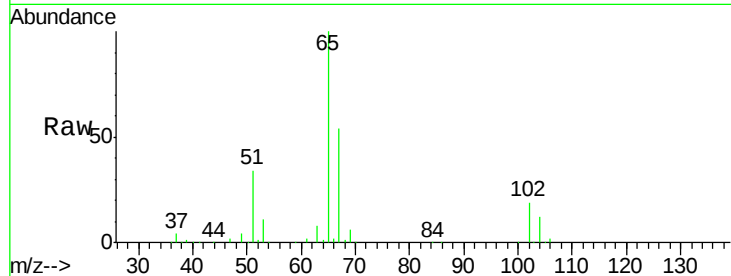




#33
 1,2-Dichloroethane-d4
 Concen: 48.447 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

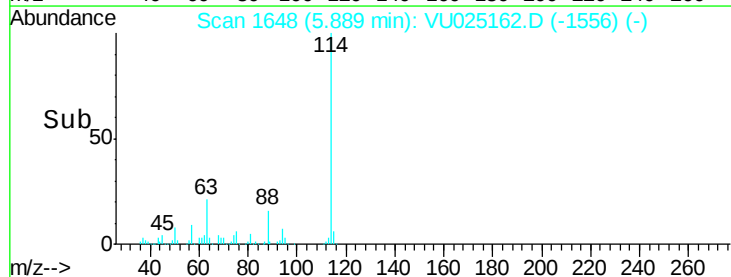
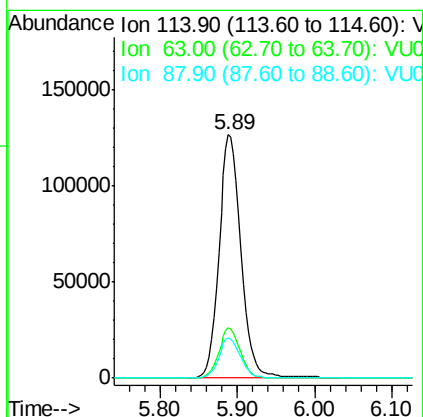
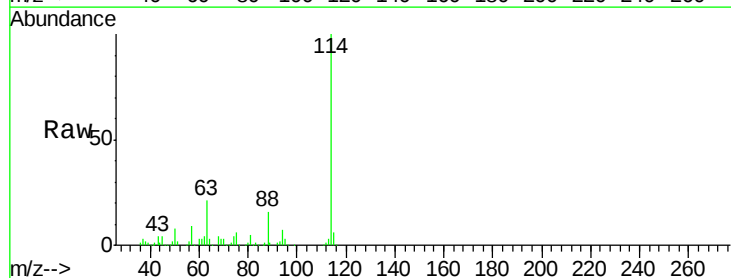
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

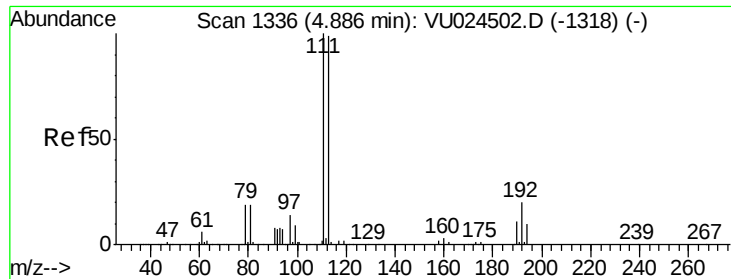
Tot Ion: 65 Resp: 128638
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion: 114 Resp: 251987
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.4
 88 16.4 0.0 31.0

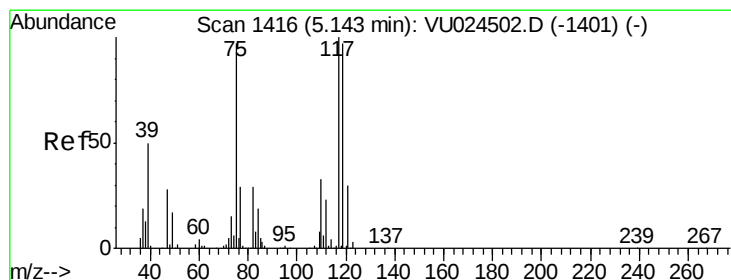
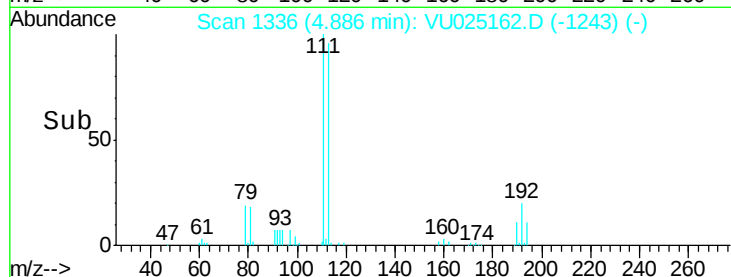
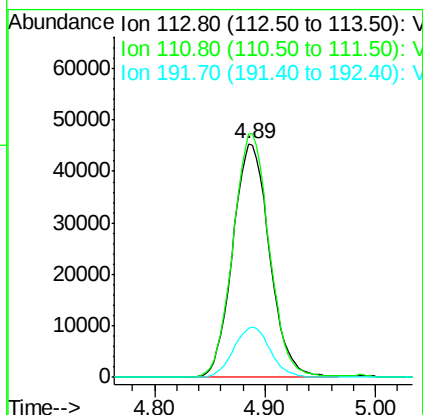
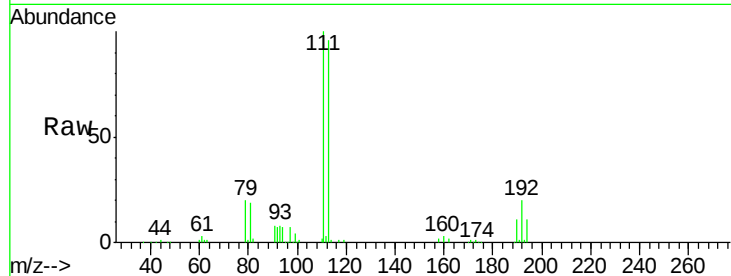




#35
 Dibromofluoromethane
 Concen: 50.195 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

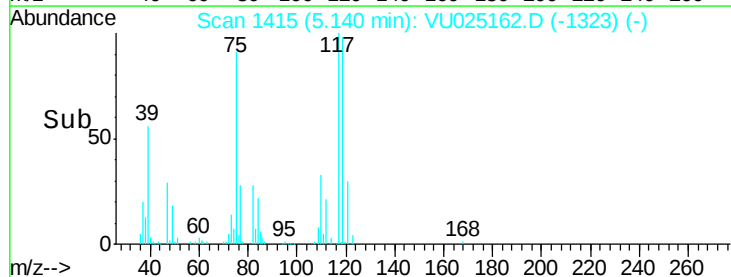
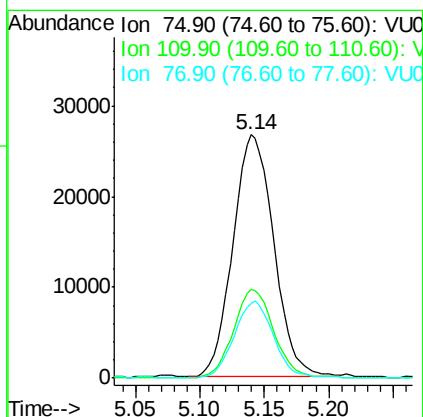
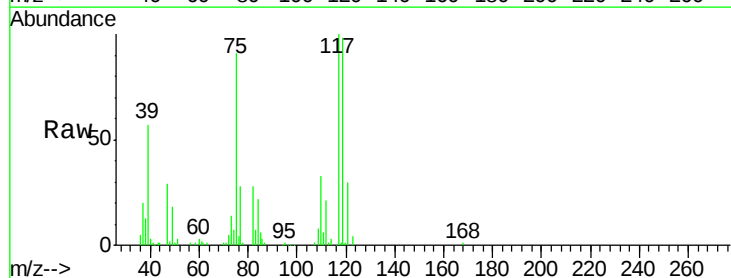
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

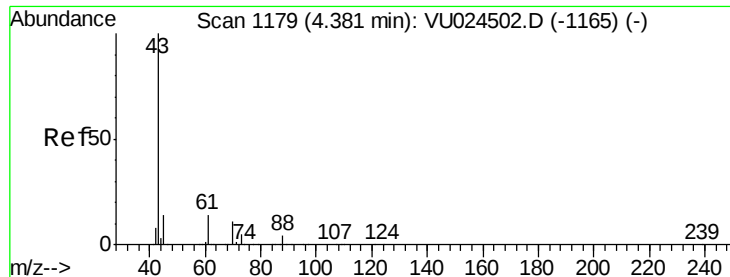
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.2	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 19.826 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.0	50.9
77	30.9	24.2	36.4

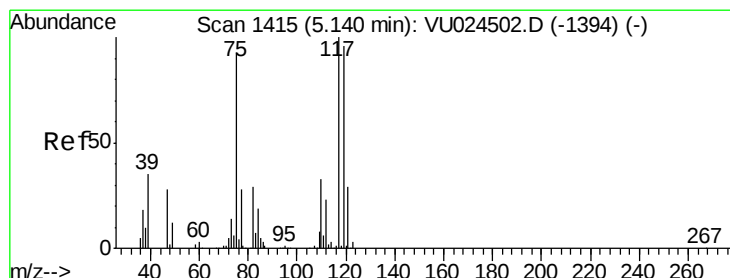
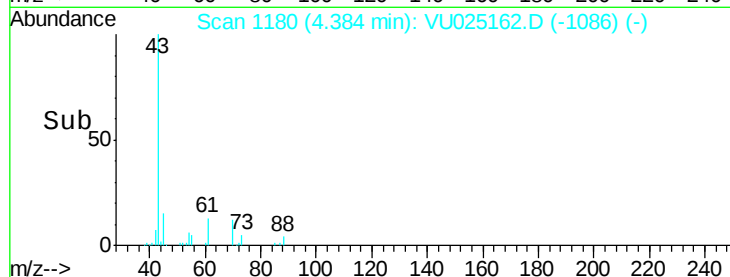
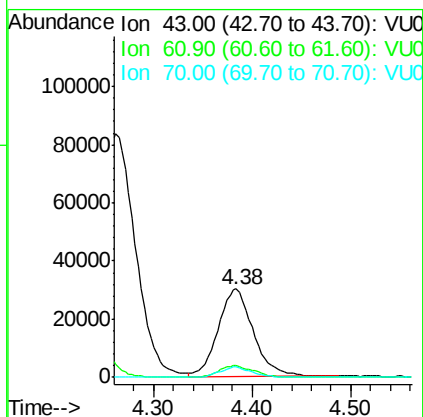
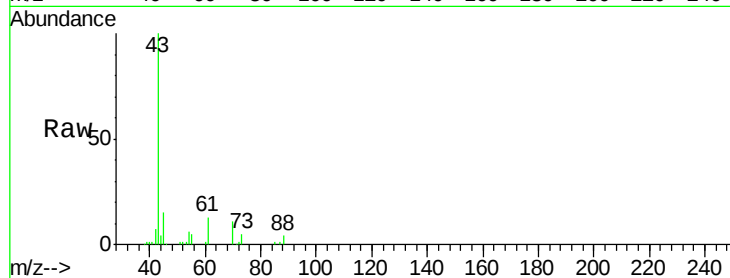




#37
Ethyl Acetate
Concen: 23.216 ug/l
RT: 4.38 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

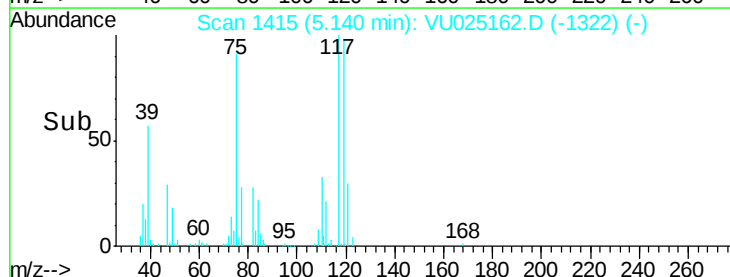
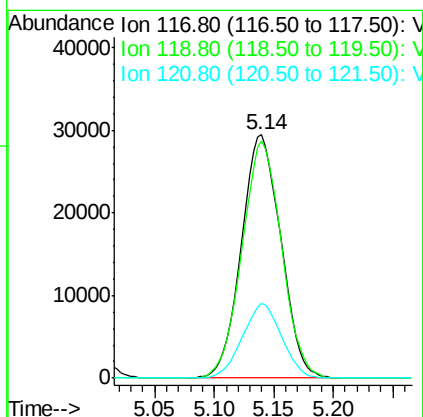
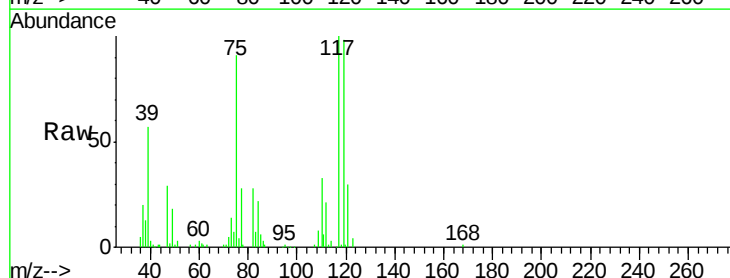
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

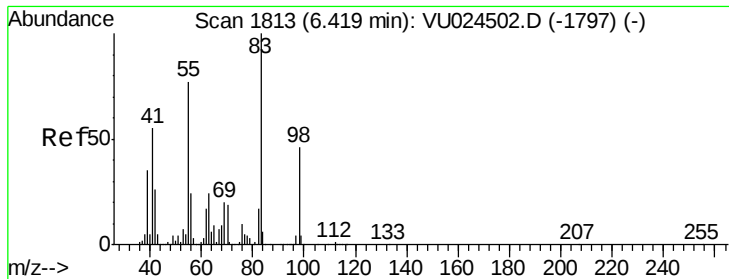
Tot Ion: 43 Resp: 74925
Ion Ratio Lower Upper
43 100
61 13.2 10.5 15.7
70 10.4 7.4 11.2



#38
Carbon Tetrachloride
Concen: 20.842 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 117 Resp: 67864
Ion Ratio Lower Upper
117 100
119 97.5 76.1 114.1
121 30.5 23.7 35.5

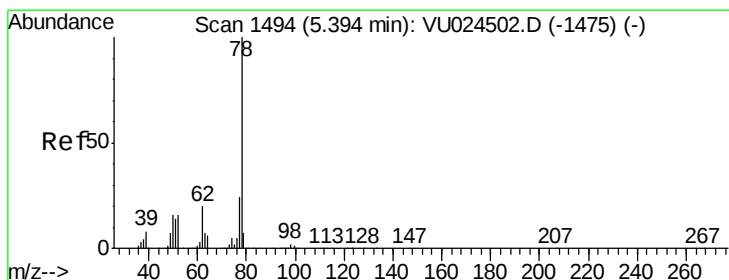
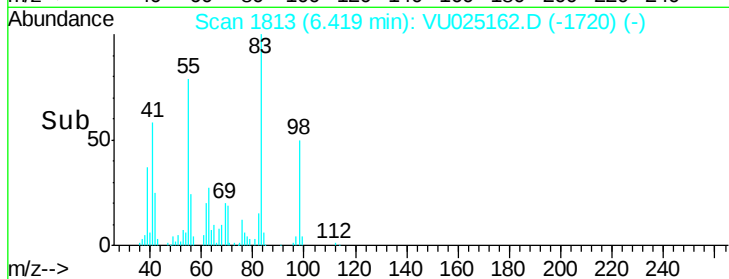
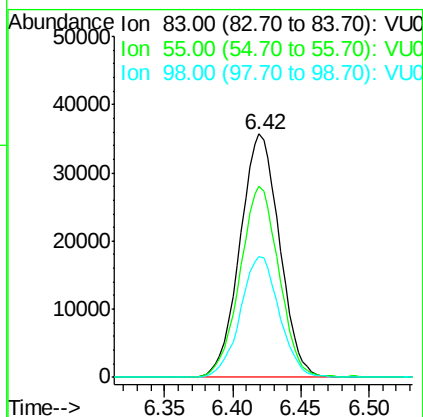
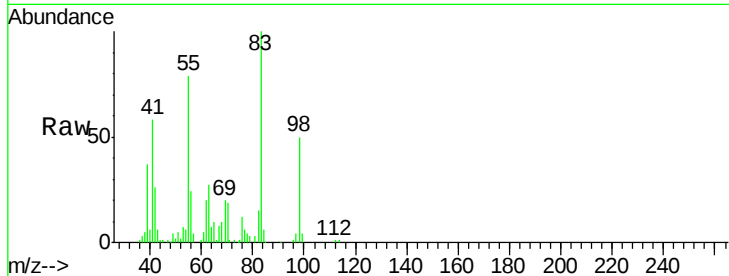




#39
Methvlcvclohexane
Concen: 19.457 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

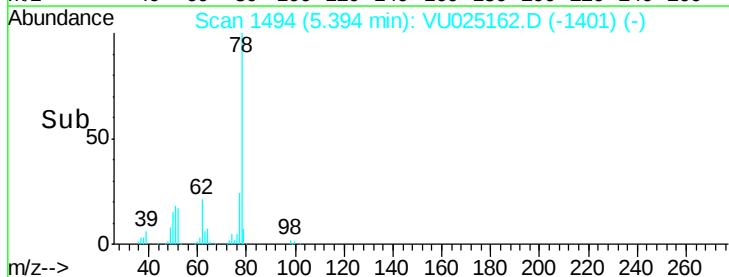
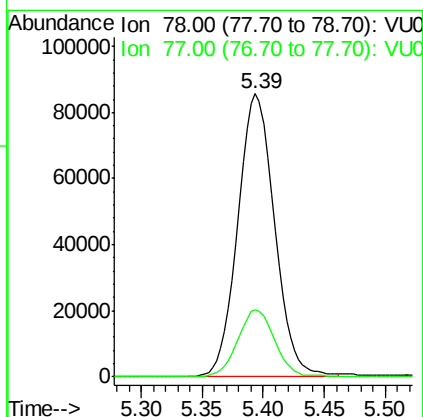
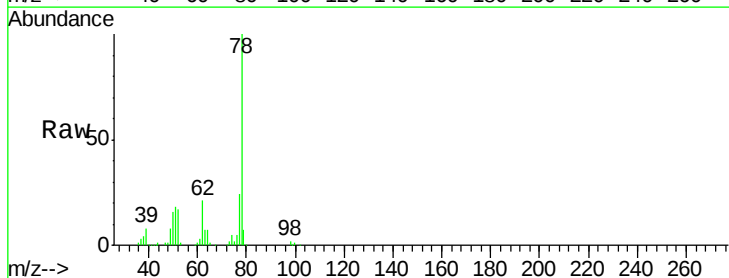
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

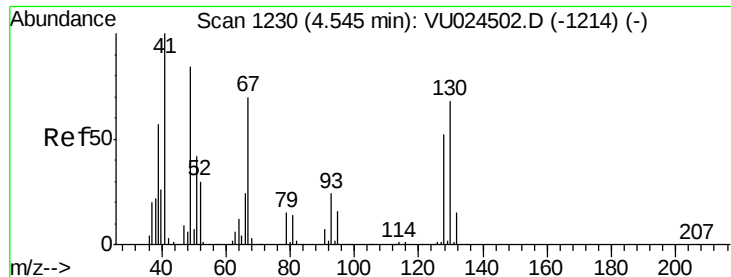
Tot Ion: 83 Resp: 71895
Ion Ratio Lower Upper
83 100
55 78.5 65.8 98.6
98 49.6 36.7 55.1



#40
Benzene
Concen: 21.183 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 78 Resp: 178727
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

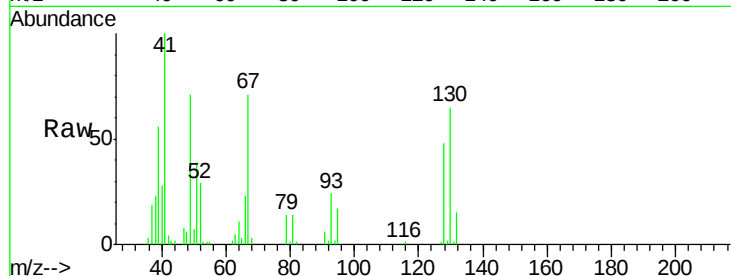




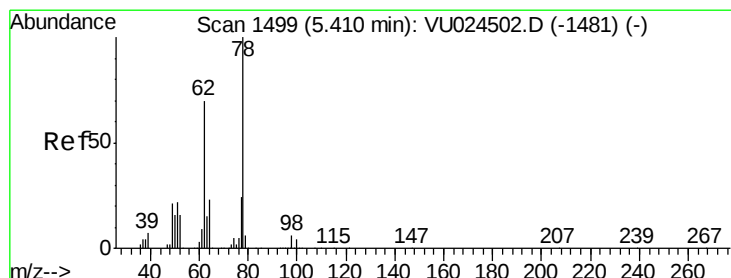
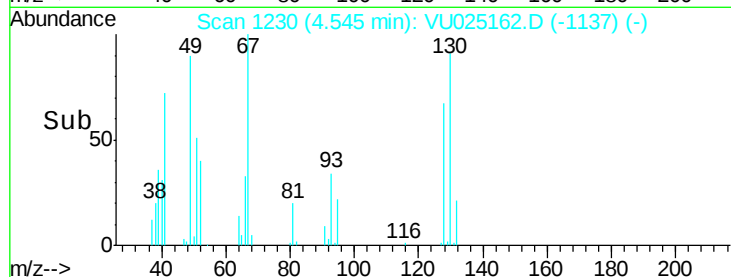
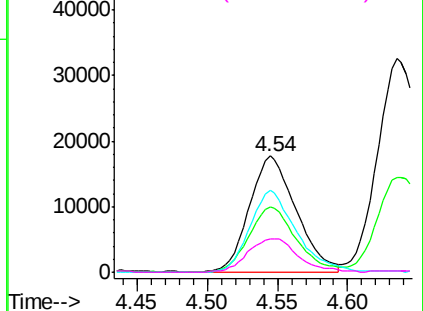
#41
Methacrylonitrile
Concen: 23.558 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion:	41	Resp:	40993
Ion	Ratio	Lower	Upper
41	100		
39	57.2	43.8	65.6
67	70.4	56.3	84.5
52	31.1	23.2	34.8

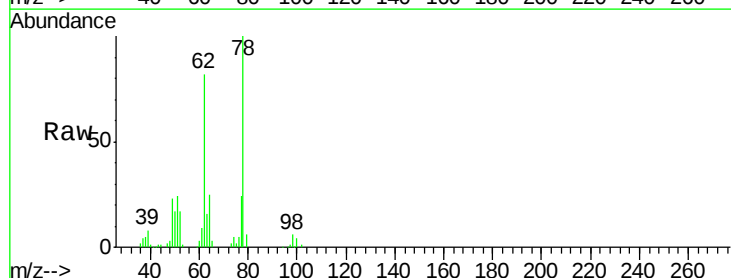


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

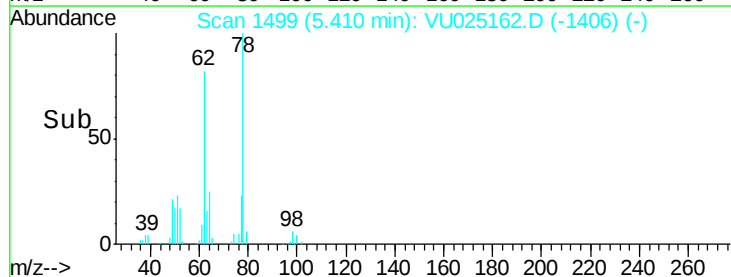
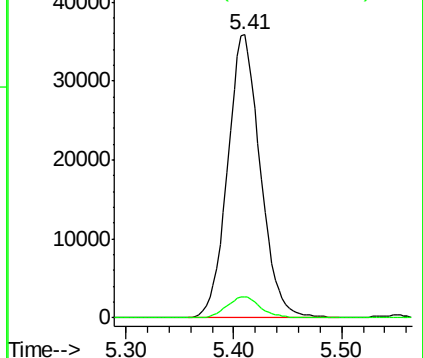


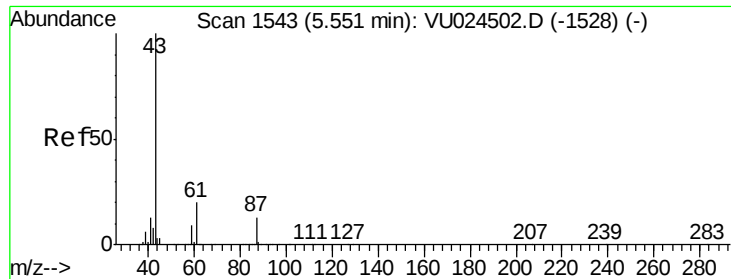
#42
1,2-Dichloroethane
Concen: 23.572 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion:	62	Resp:	75749
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

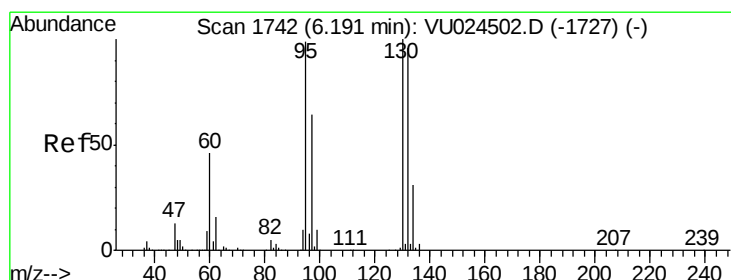
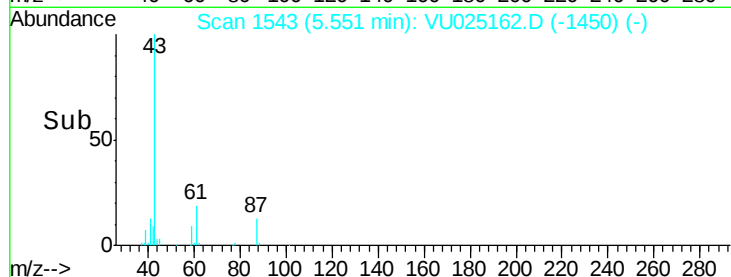
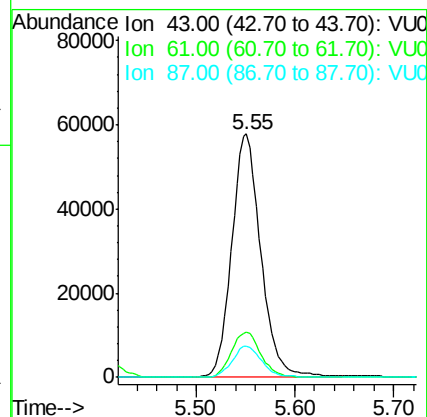
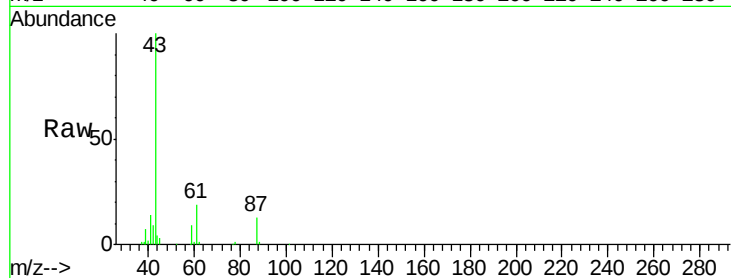




#43
Isopropyl Acetate
Concen: 21.371 ug/l
RT: 5.55 min Scan# 1543
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

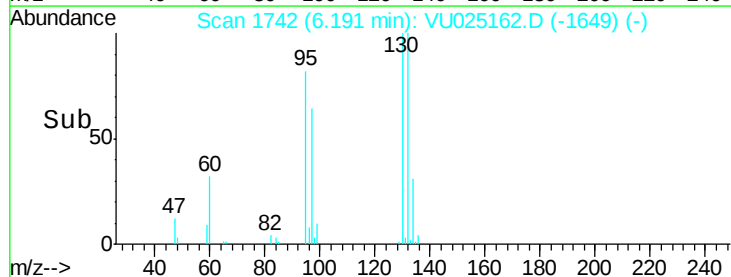
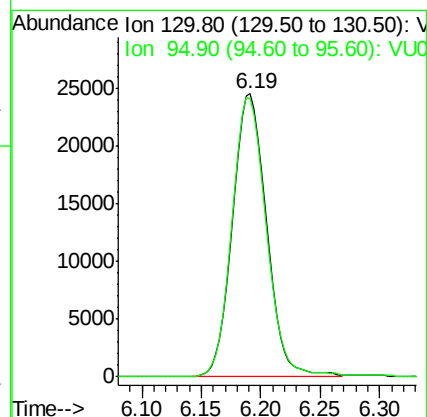
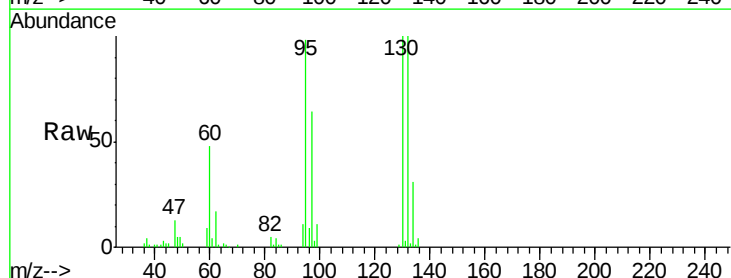
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

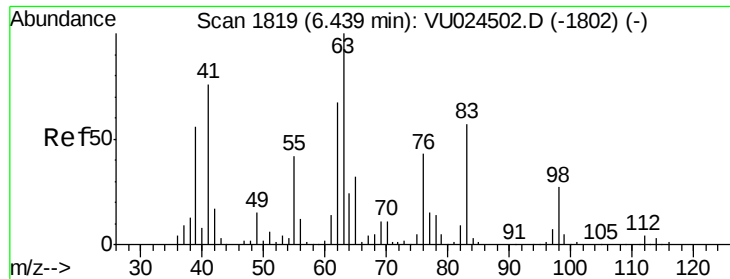
Tot Ion: 43 Resp: 119218
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 12.8 10.0 15.0



#44
Trichloroethene
Concen: 20.309 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 130 Resp: 48767
Ion Ratio Lower Upper
130 100
95 98.3 0.0 202.4





#45

1,2-Dichloropropane

Concen: 21.280 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampled :

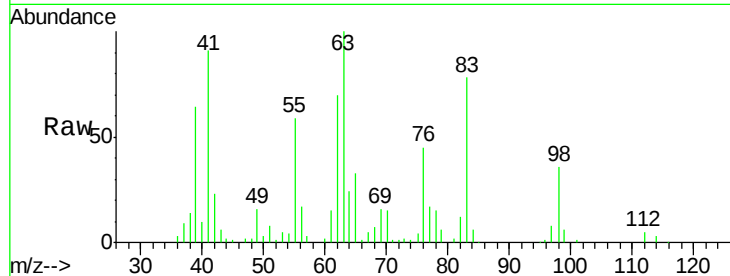
VU0702WBS02

Tot Ion: 63 Resp: 47908

Ion Ratio Lower Upper

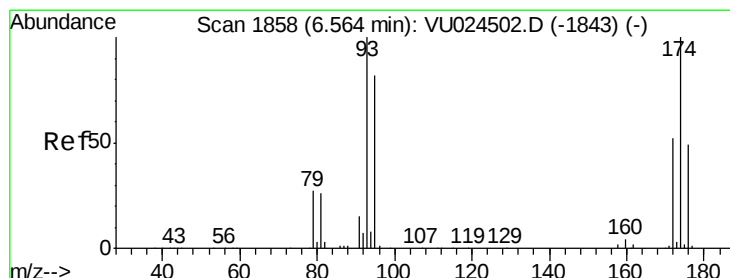
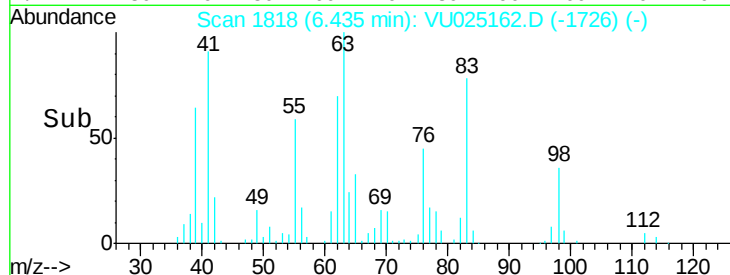
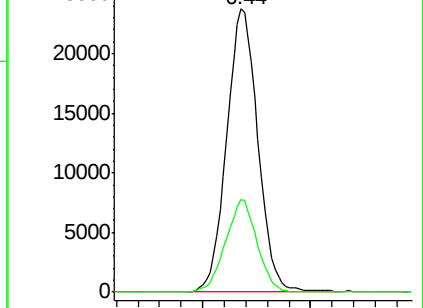
63 100

65 32.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 21.829 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

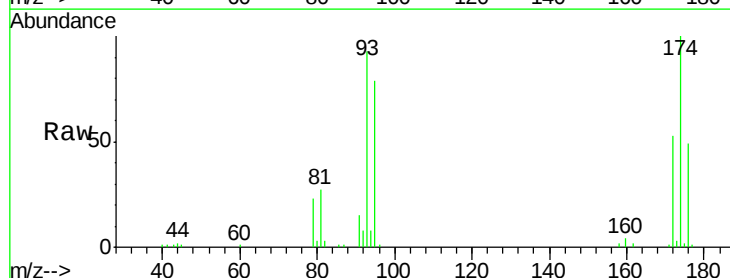
Tgt Ion: 93 Resp: 34519

Ion Ratio Lower Upper

93 100

95 85.2 65.5 98.3

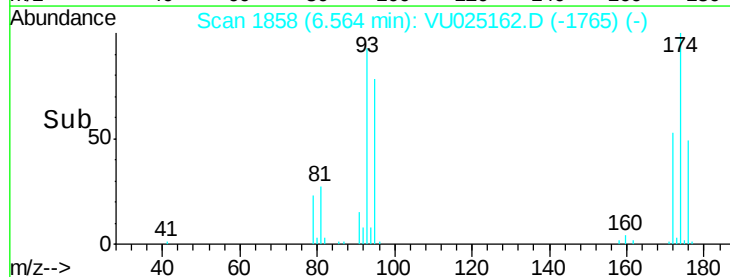
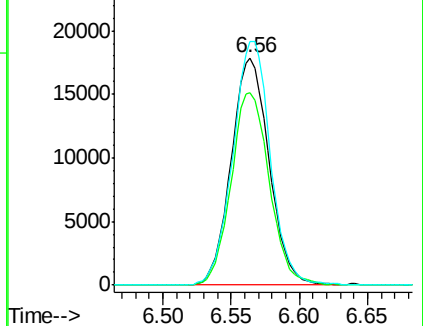
174 106.2 78.7 118.1

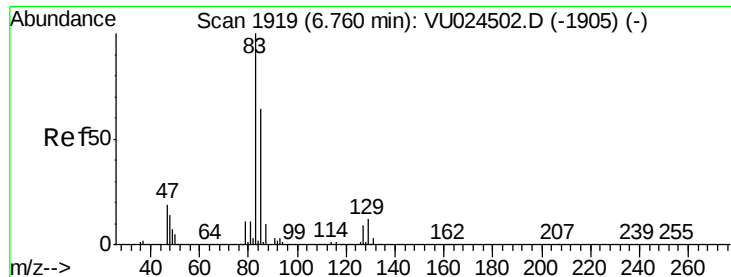


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.731 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

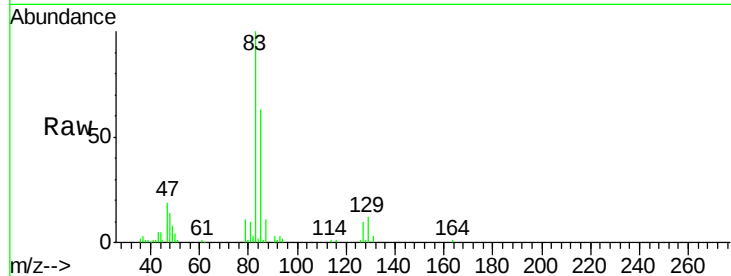
Tot Ion: 83 Resp: 65280

Ion Ratio Lower Upper

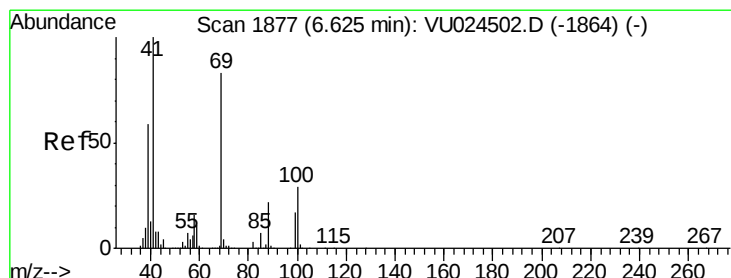
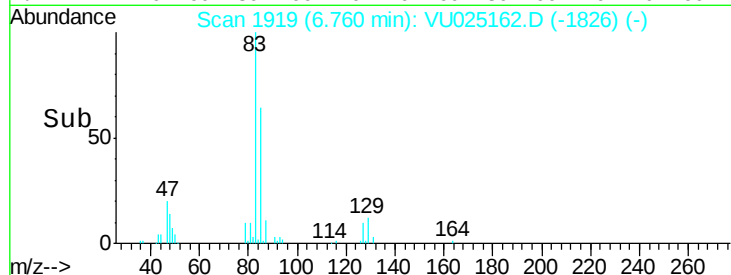
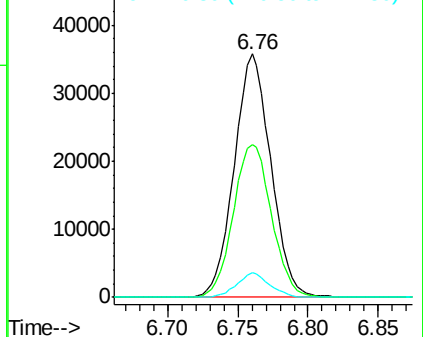
83 100

85 62.9 51.9 77.9

127 10.1 6.6 9.8#



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



#48

Methyl methacrylate

Concen: 22.722 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

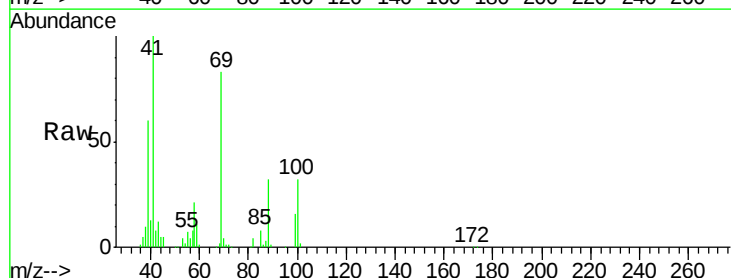
Tgt Ion: 41 Resp: 61722

Ion Ratio Lower Upper

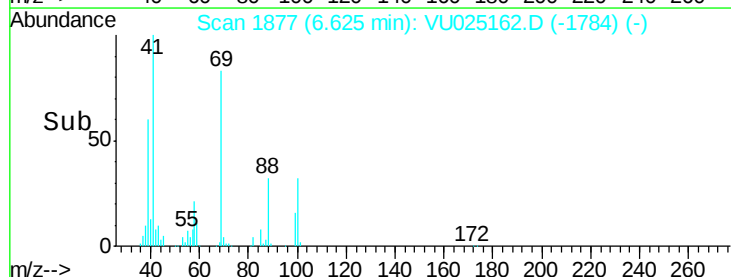
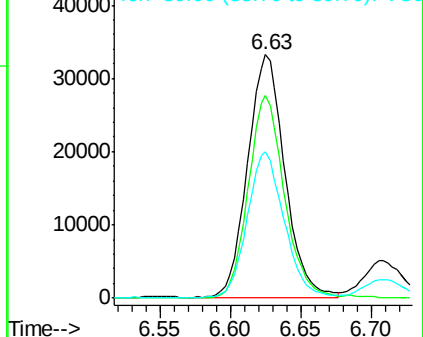
41 100

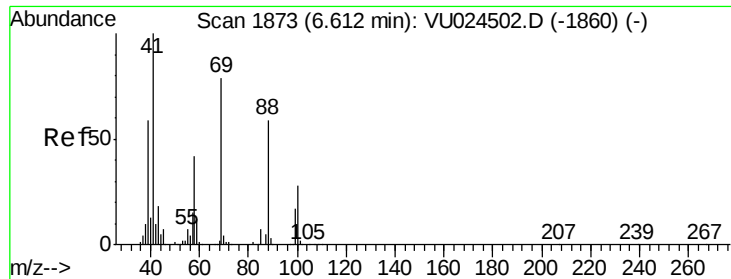
69 80.4 67.3 100.9

39 59.6 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

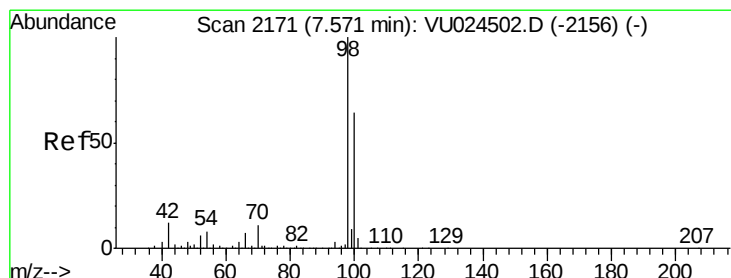
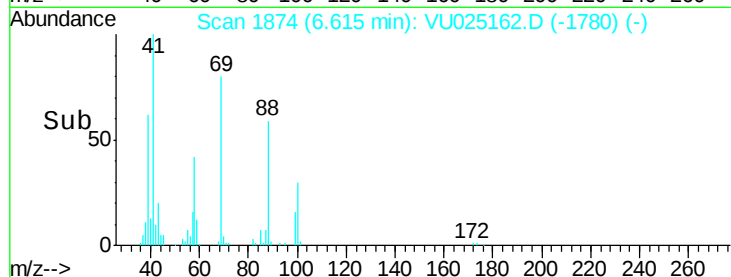
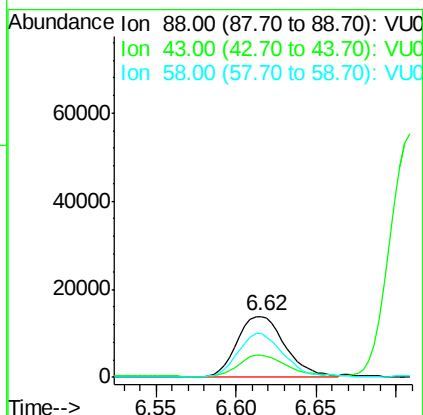
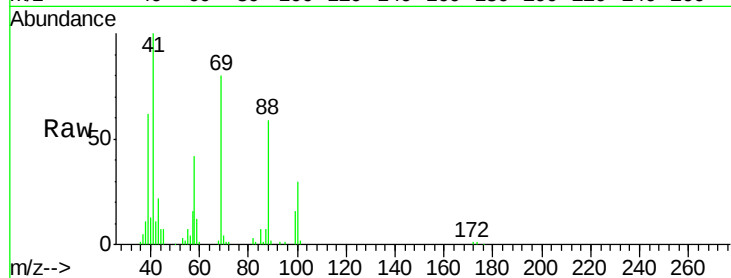




#49
1,4-Dioxane
Concen: 538.992 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

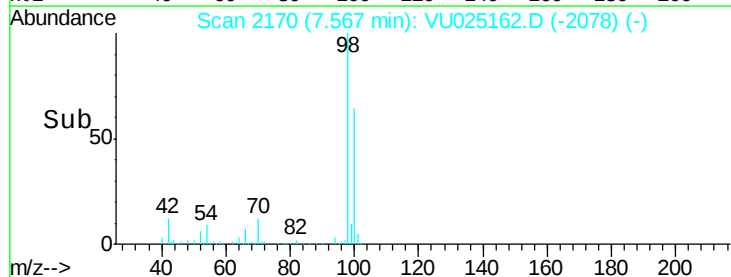
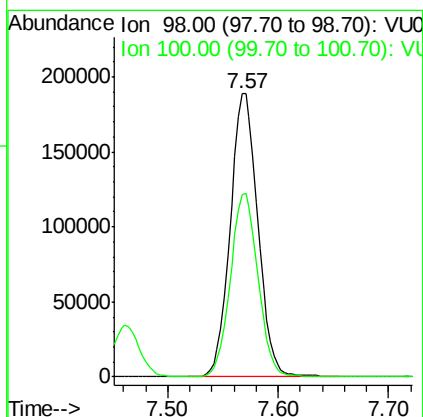
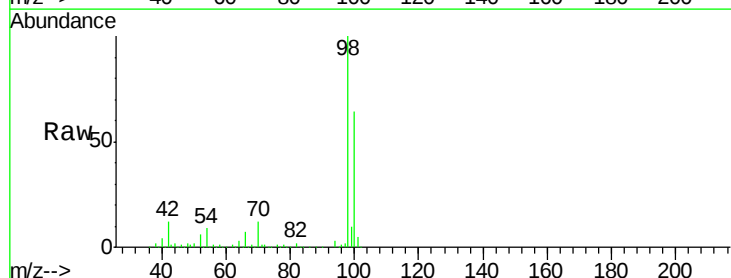
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

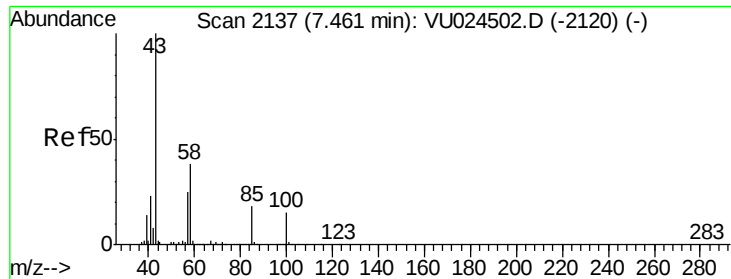
Tot Ion: 88 Resp: 28633
Ion Ratio Lower Upper
88 100
43 35.6 28.6 42.8
58 67.0 58.2 87.4



#50
Toluene-d8
Concen: 43.033 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 98 Resp: 328267
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 111.645 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

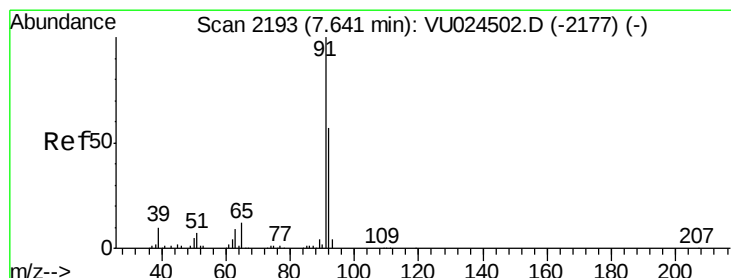
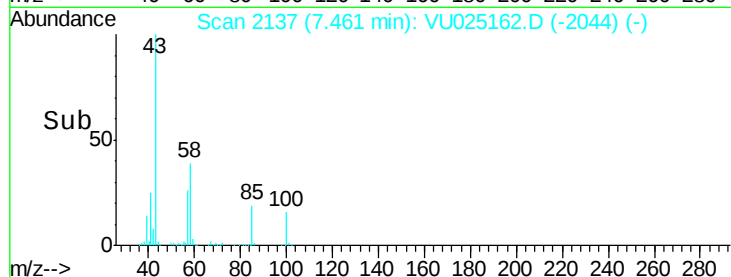
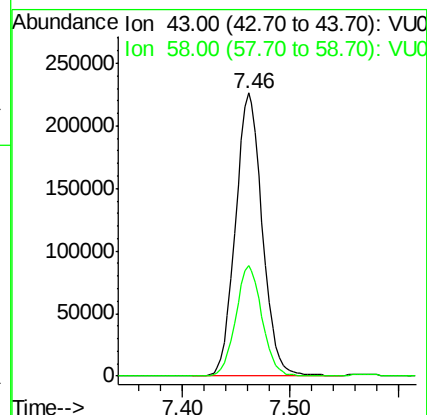
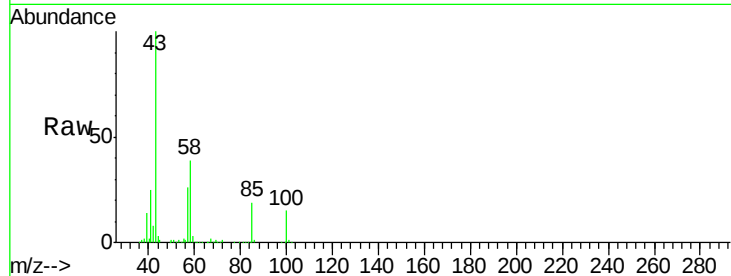
VU0702WBS02

Tot Ion: 43 Resp: 391286

Ion Ratio Lower Upper

43 100

58 38.2 30.0 45.0



#52

Toluene

Concen: 21.171 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025162.D

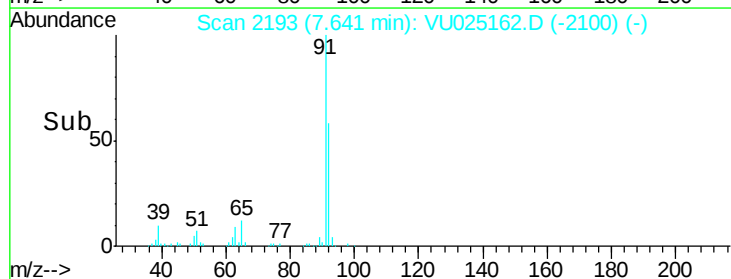
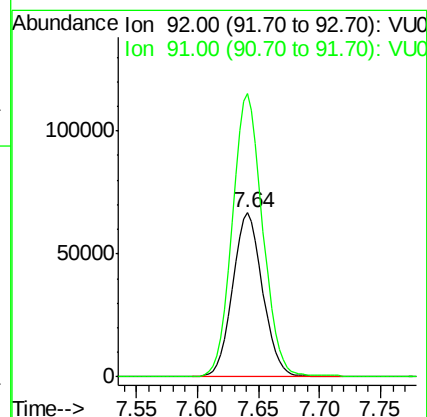
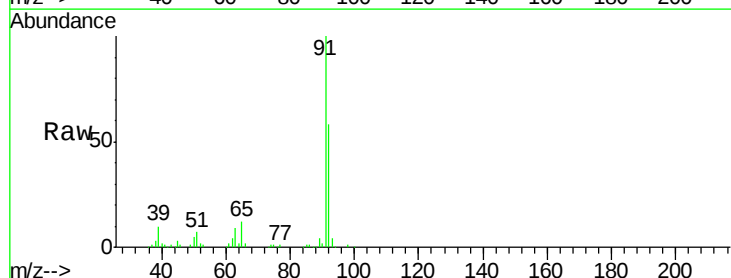
Acq: 02 Jul 2018 23:45

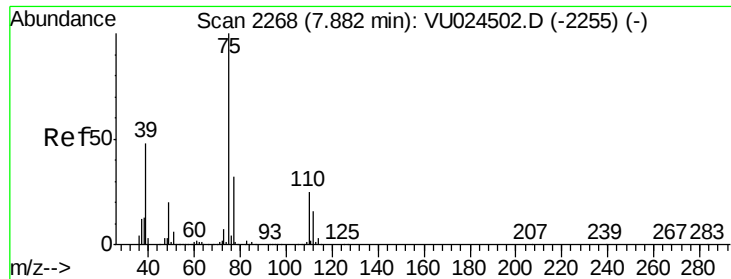
Tgt Ion: 92 Resp: 114923

Ion Ratio Lower Upper

92 100

91 174.9 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.476 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

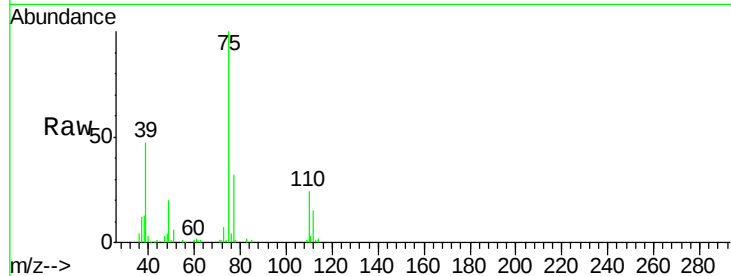
VU0702WBS02

Tot Ion: 75 Resp: 65336

Ion Ratio Lower Upper

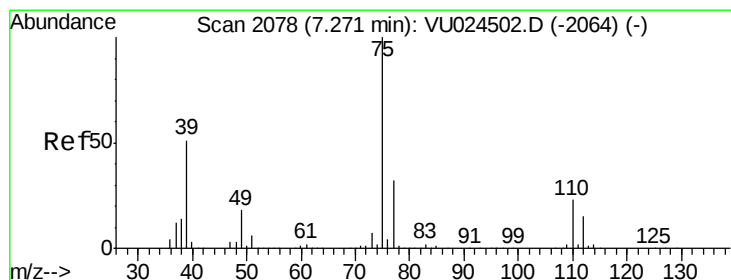
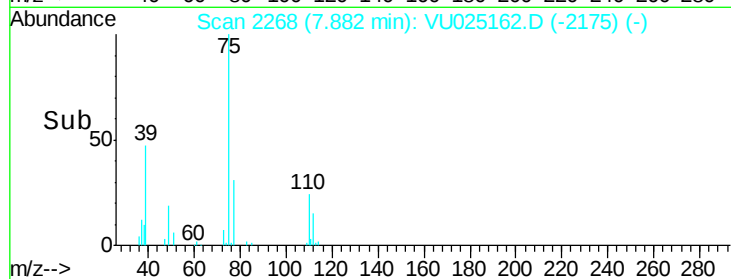
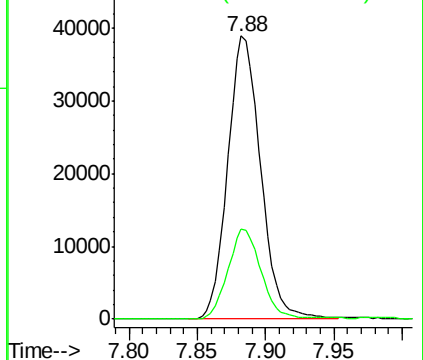
75 100

77 31.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 18.535 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

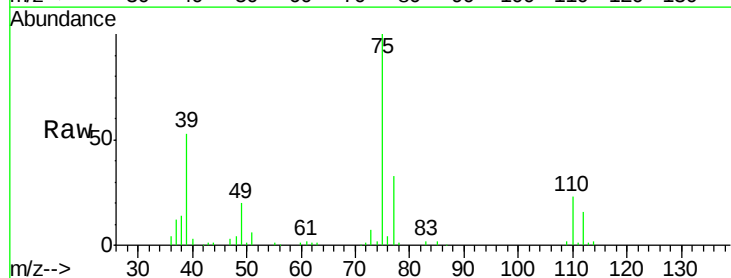
Tgt Ion: 75 Resp: 69842

Ion Ratio Lower Upper

75 100

77 33.0 24.6 36.8

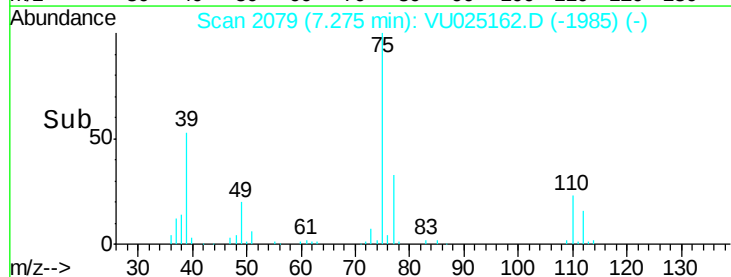
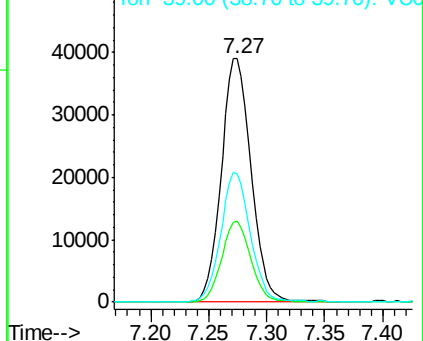
39 52.9 39.8 59.6

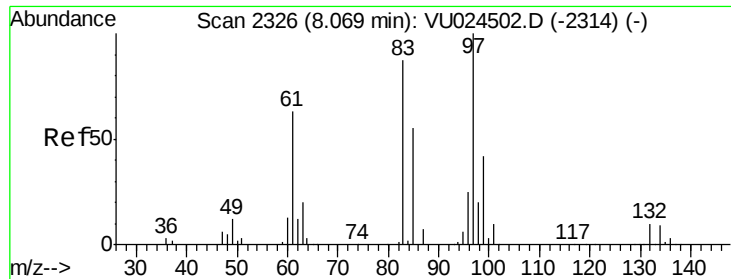


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

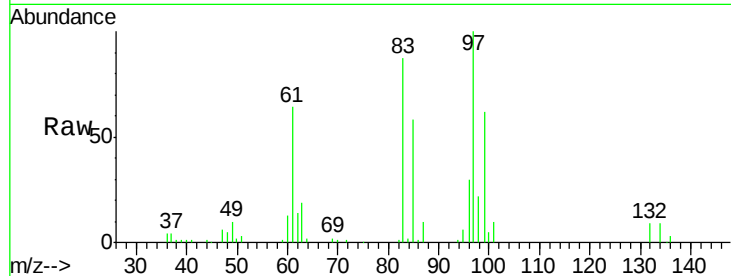




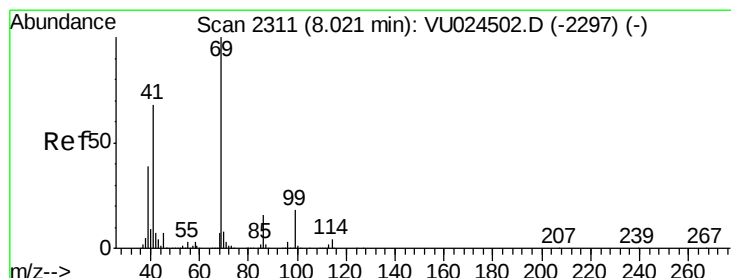
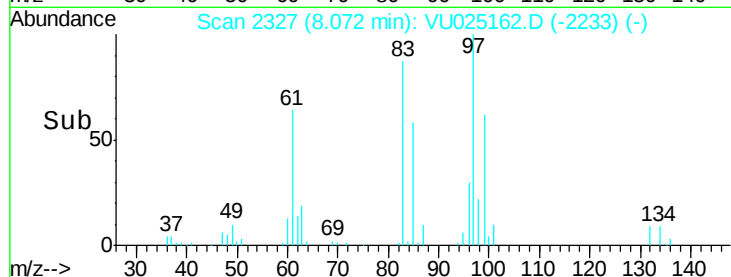
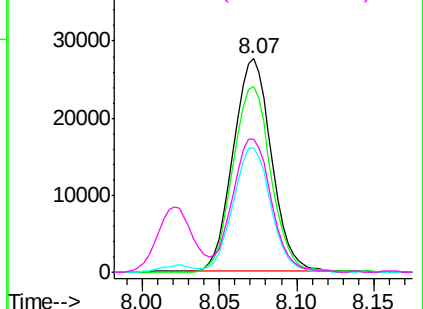
#55
 1,1,2-Trichloroethane
 Concen: 21.457 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

Tot Ion:	97	Resp:	47346
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.5	105.7
85	58.4	46.4	69.6
99	62.6	50.2	75.2

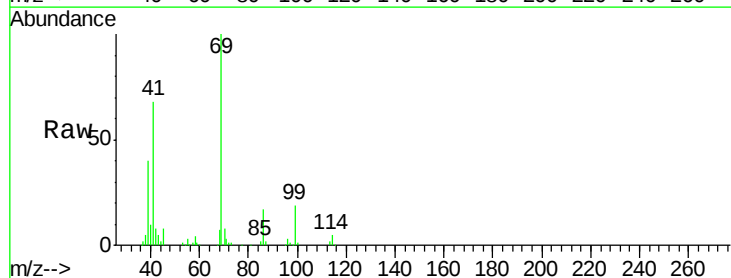


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

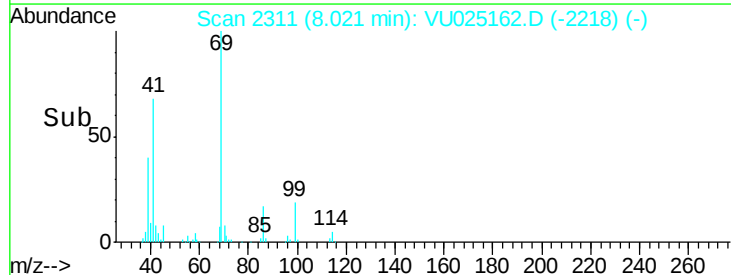
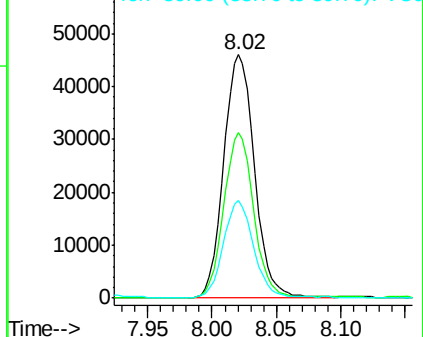


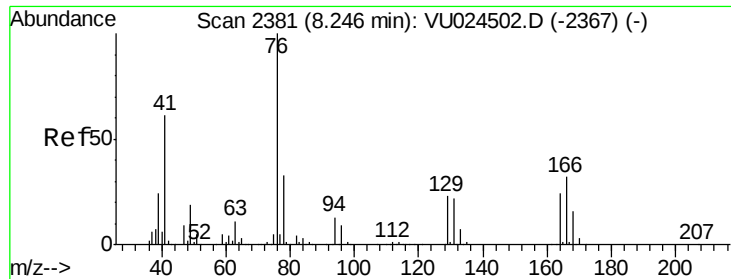
#56
 Ethyl methacrylate
 Concen: 20.723 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion:	69	Resp:	76535
Ion	Ratio	Lower	Upper
69	100		
41	66.1	54.1	81.1
39	39.2	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: 22.159 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

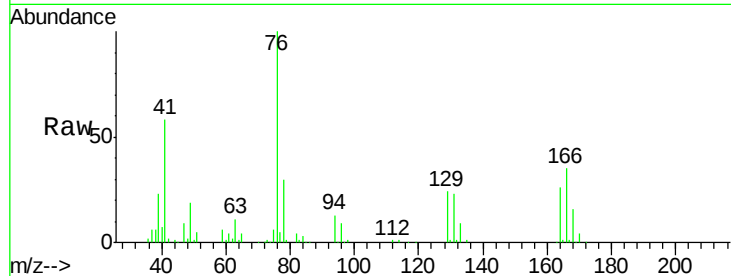
VU0702WBS02

Tot Ion: 76 Resp: 82480

Ion Ratio Lower Upper

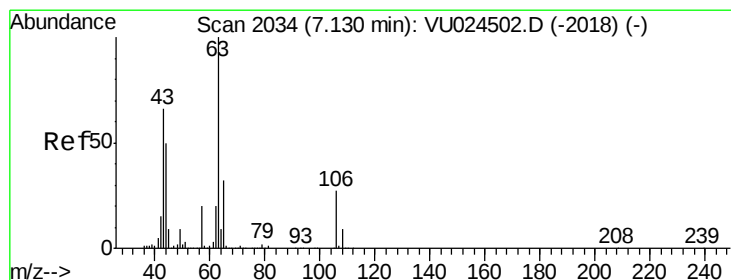
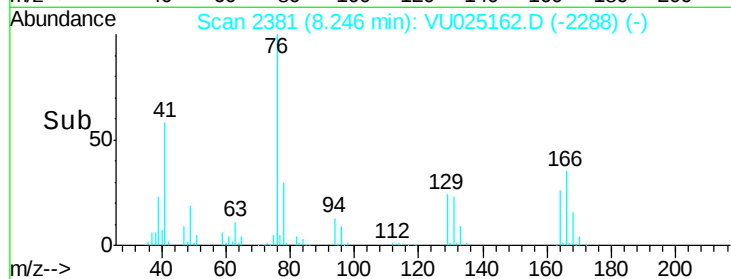
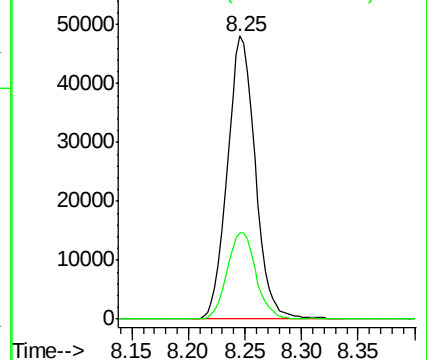
76 100

78 31.5 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 94.466 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025162.D

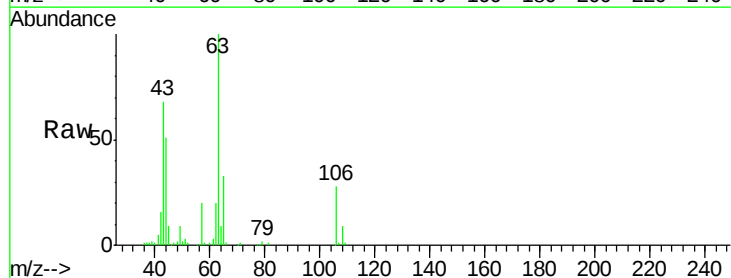
Acq: 02 Jul 2018 23:45

Tgt Ion: 63 Resp: 133658

Ion Ratio Lower Upper

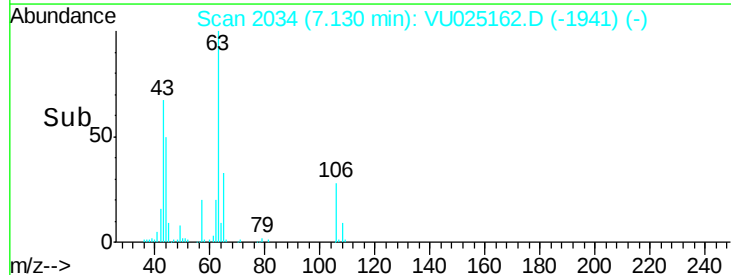
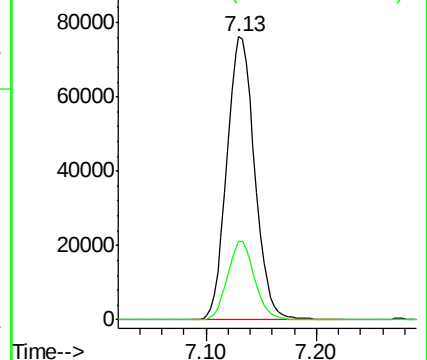
63 100

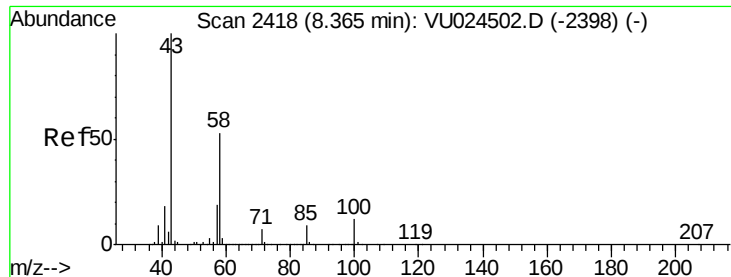
106 27.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

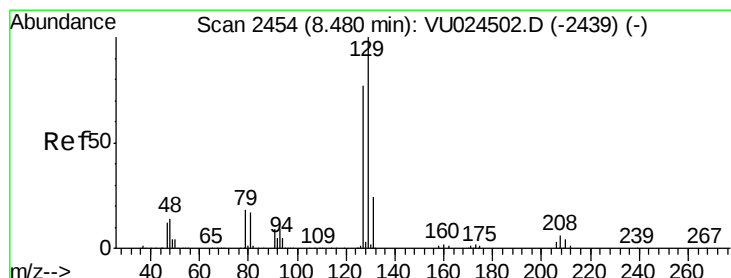
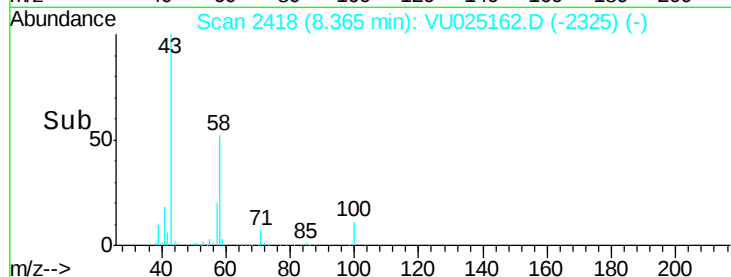
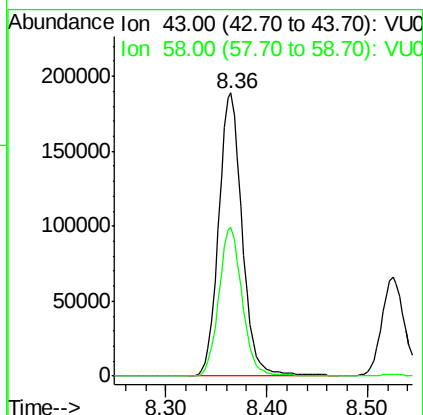
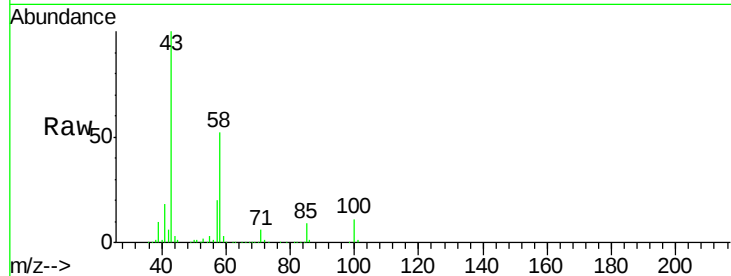




#59
2-Hexanone
Concen: 107.145 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

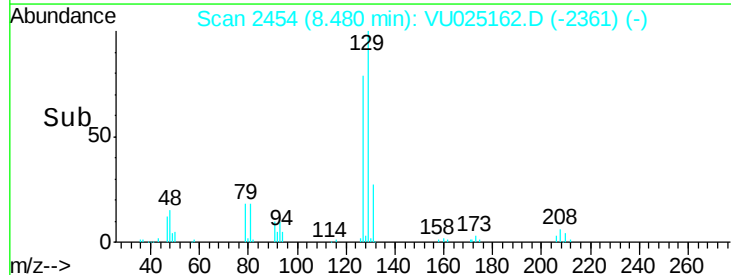
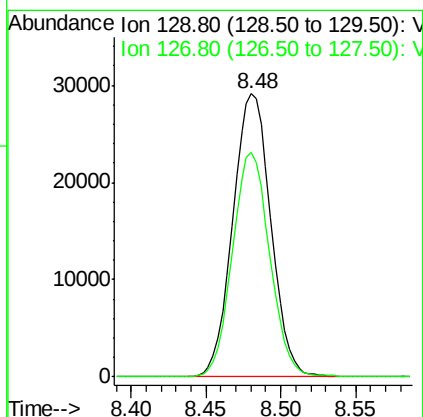
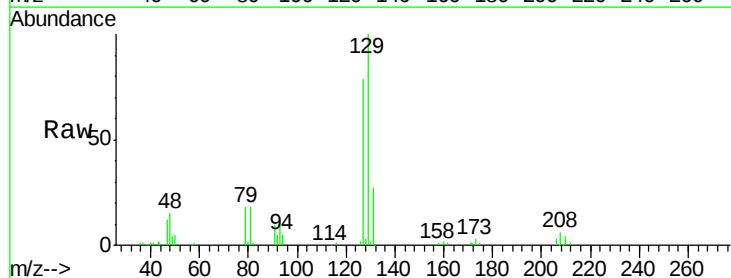
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

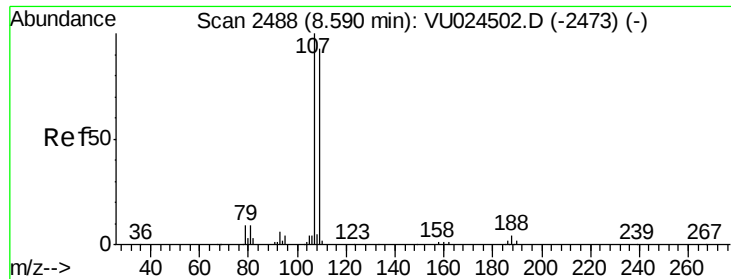
Tot Ion: 43 Resp: 306572
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 18.722 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 129 Resp: 51514
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.244 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

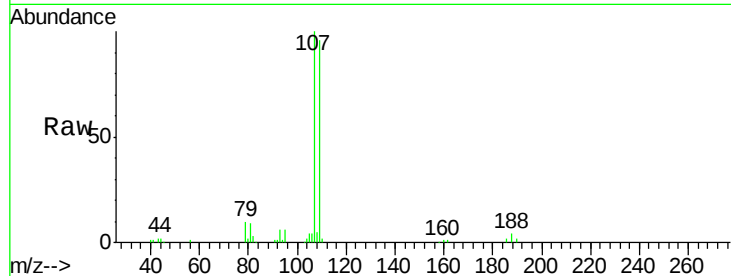
VU0702WBS02

Tot Ion:107 Resp: 52175

Ion Ratio Lower Upper

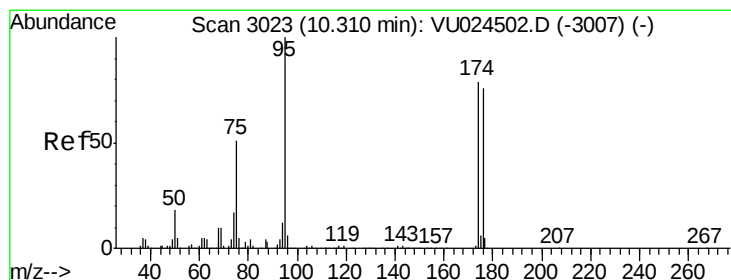
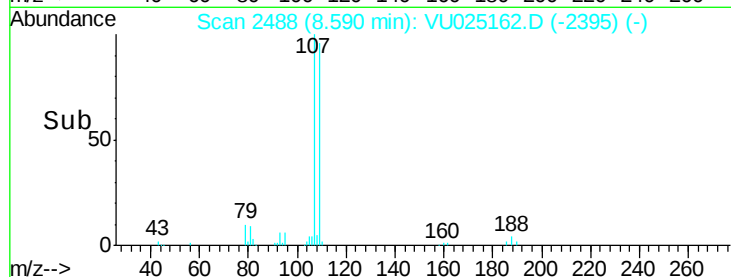
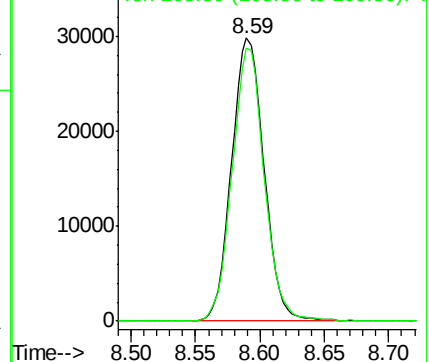
107 100

109 95.7 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: 45.724 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

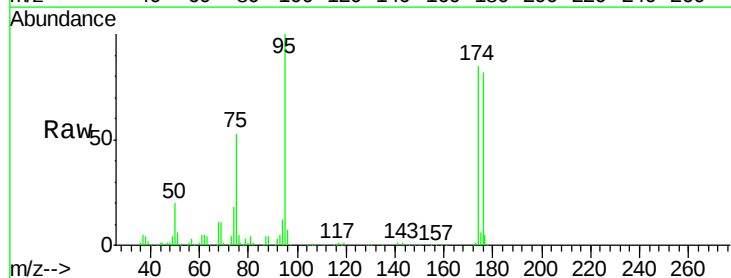
Tgt Ion: 95 Resp: 138483

Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

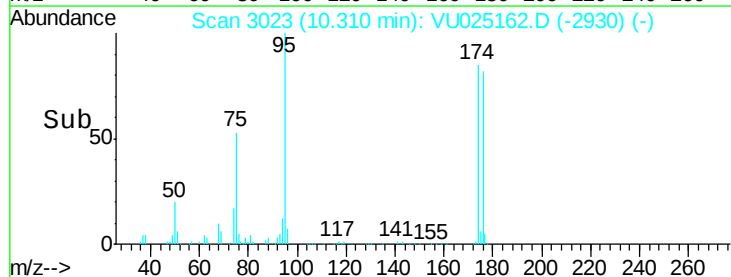
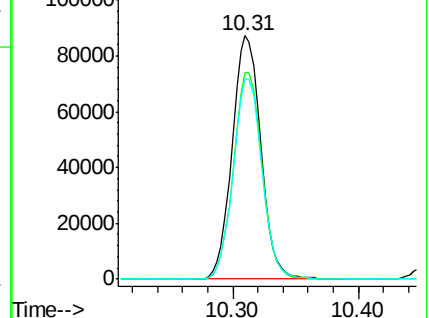
176 82.7 0.0 159.4

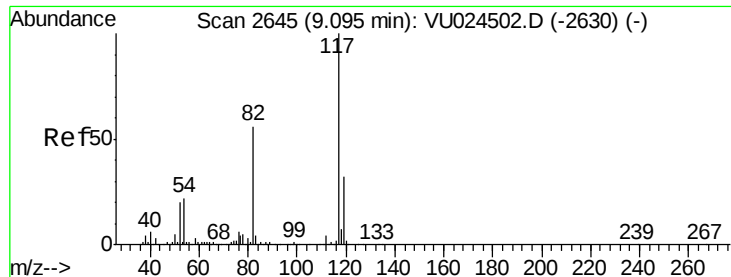


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

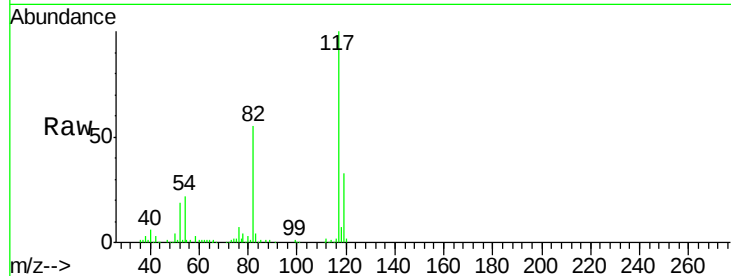




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.3	66.5
119	32.6	25.4	38.2

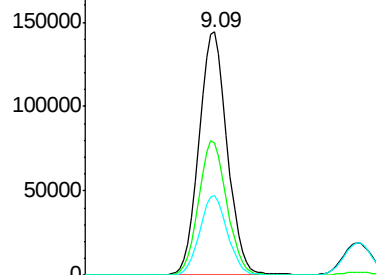


Abundance

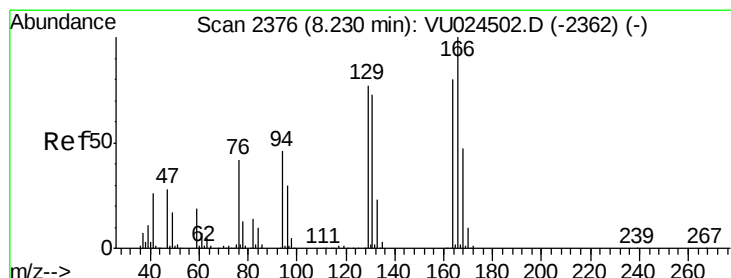
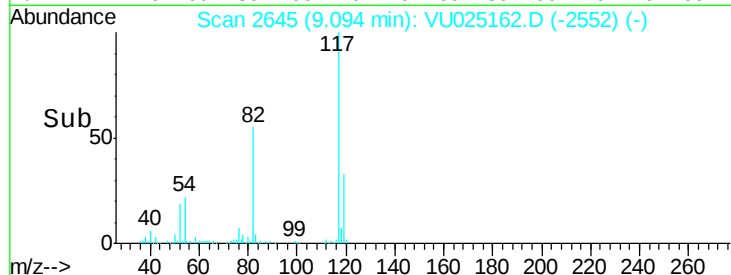
Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#64
Tetrachloroethene
Concen: 22.692 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	101.7	152.5
129	91.3	76.9	115.3
131	89.4	74.9	112.3

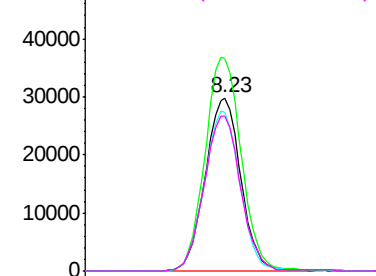
Abundance

Ion 163.80 (163.50 to 164.50): V

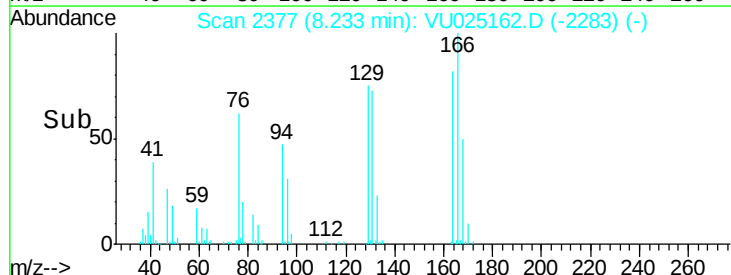
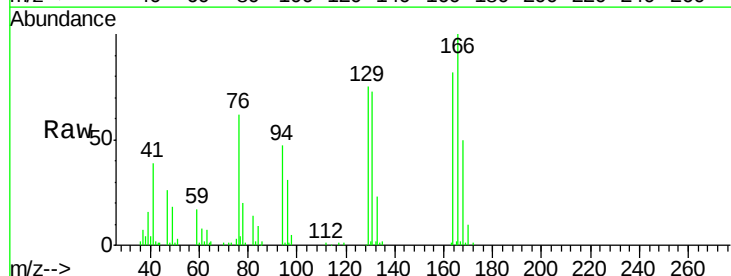
Ion 165.80 (165.50 to 166.50): V

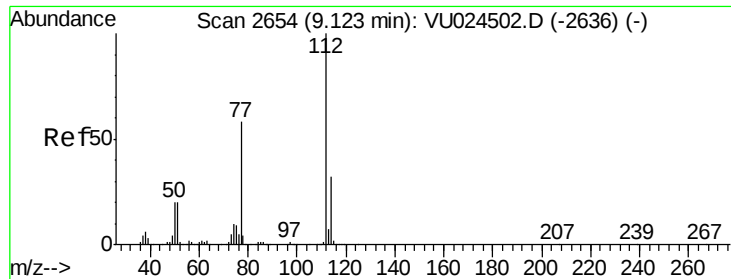
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->





#65

Chlorobenzene

Concen: 21.769 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

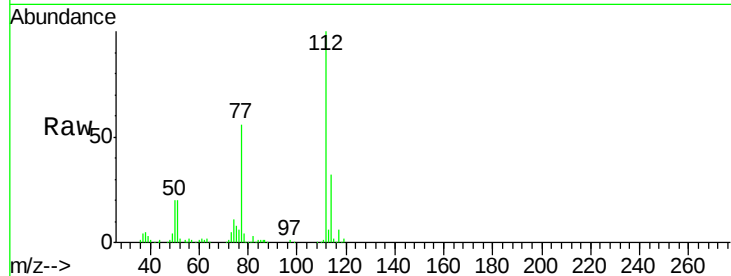
VU0702WBS02

Tot Ion:112 Resp: 130329

Ion Ratio Lower Upper

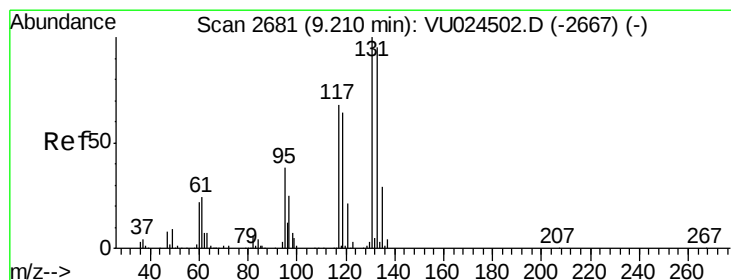
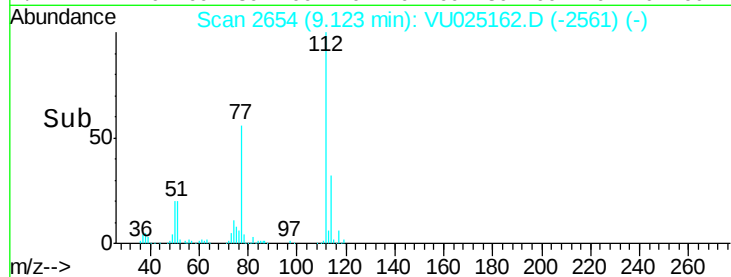
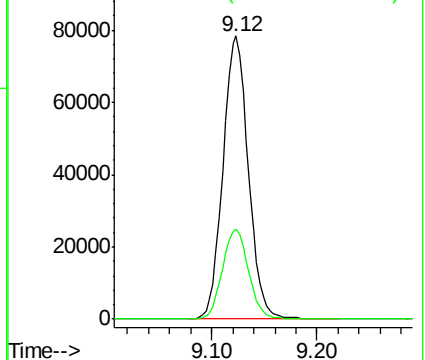
112 100

114 31.8 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: 21.503 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

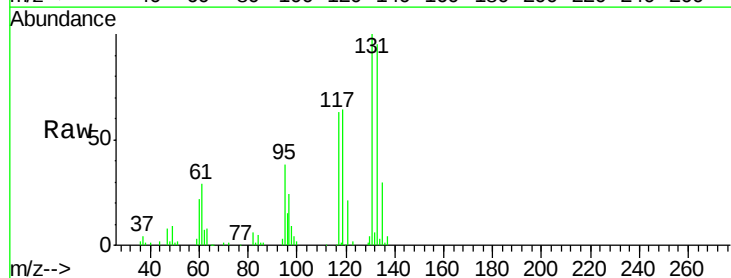
Tgt Ion:131 Resp: 48909

Ion Ratio Lower Upper

131 100

133 96.7 46.9 140.8

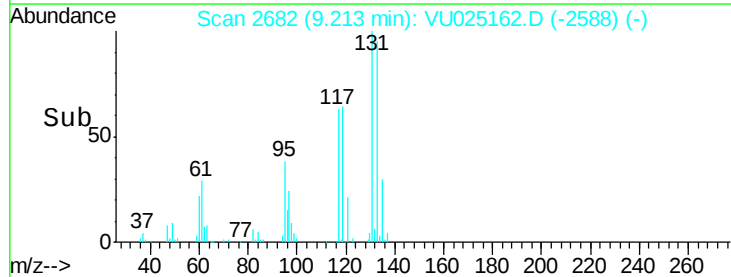
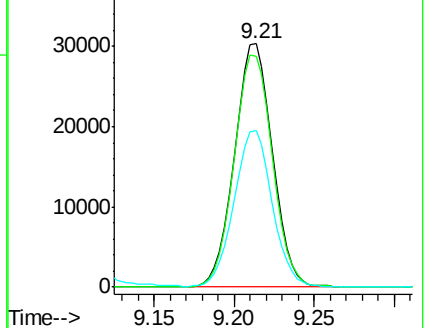
119 64.9 33.5 100.4

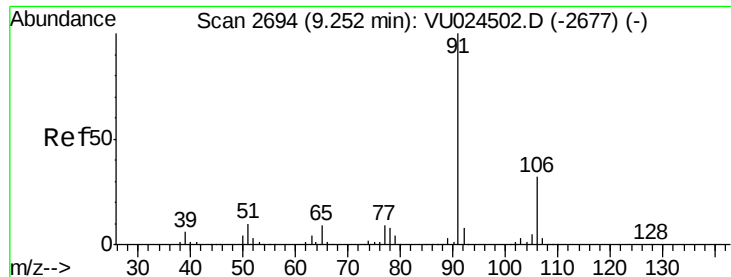


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

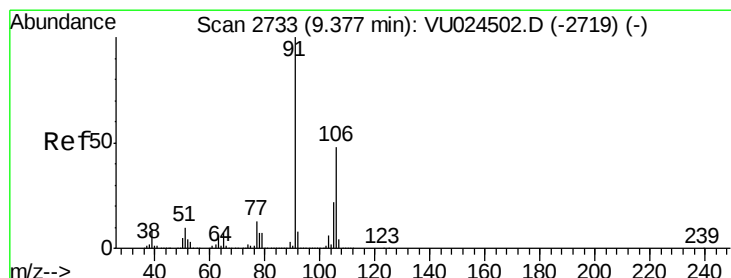
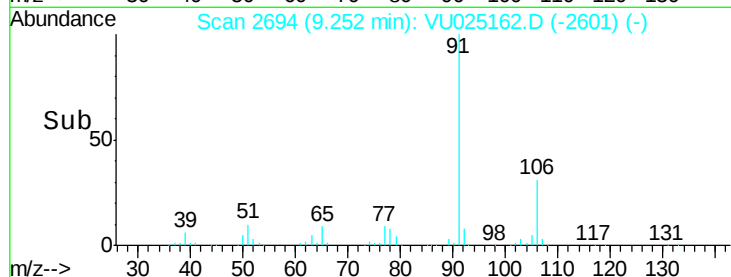
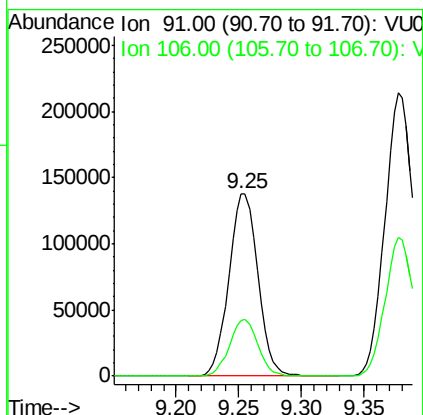
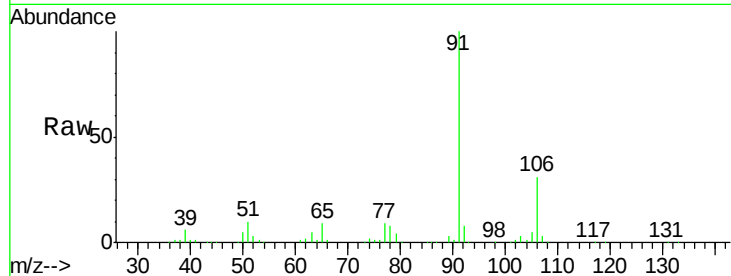




#67
Ethyl Benzene
Concen: 21.173 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

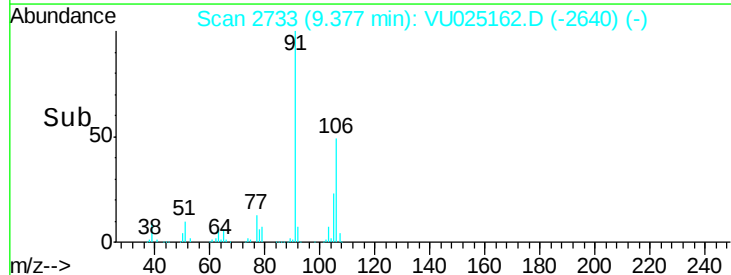
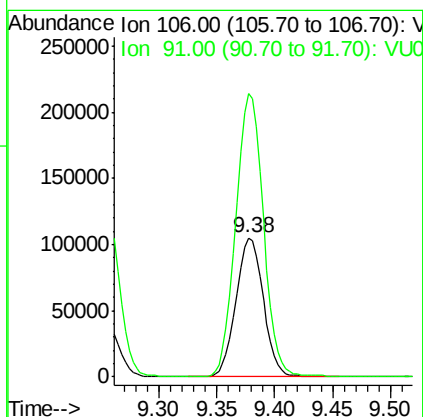
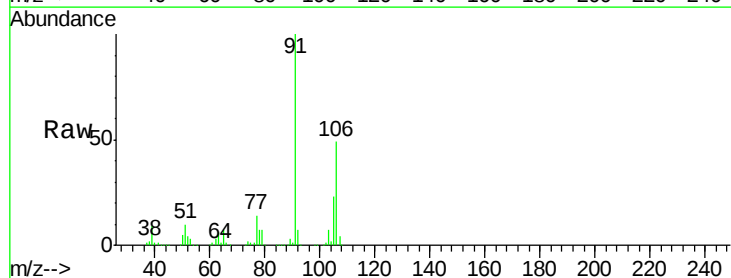
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

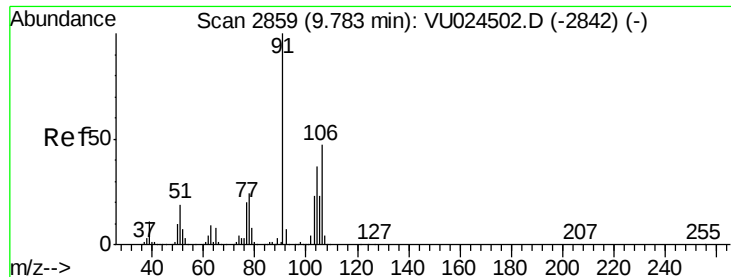
Tot Ion: 91 Resp: 222224
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 42.661 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion: 106 Resp: 171934
Ion Ratio Lower Upper
106 100
91 204.7 166.5 249.7

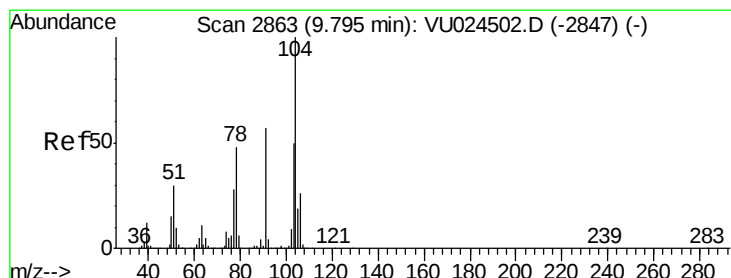
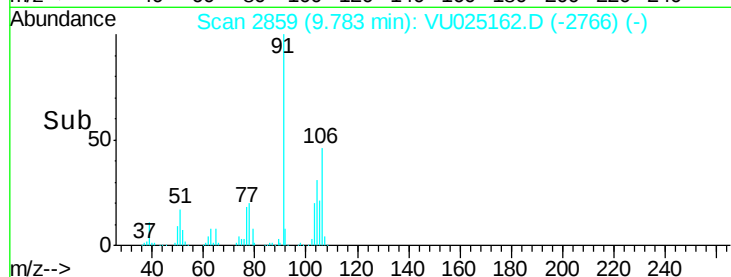
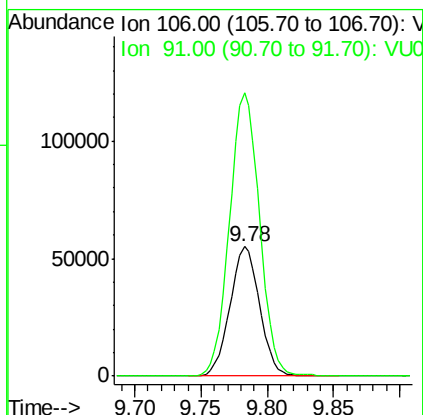
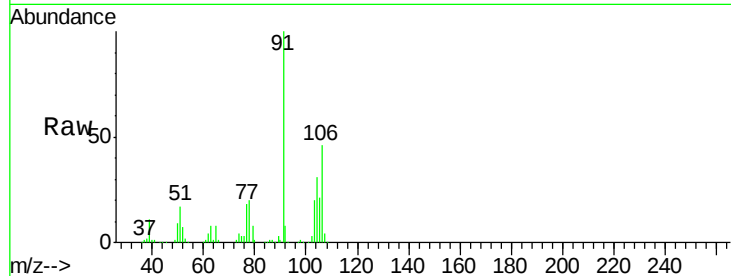




#69
o-Xylene
Concen: 21.451 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

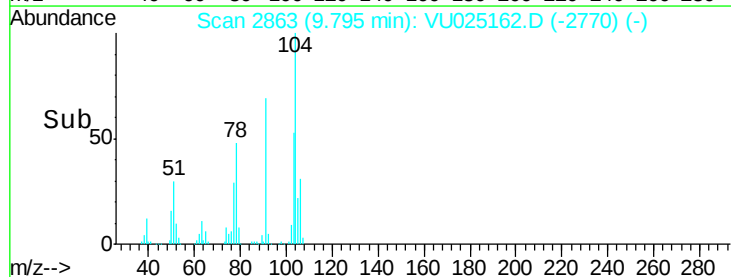
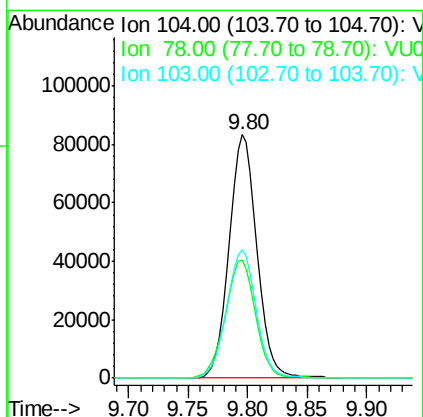
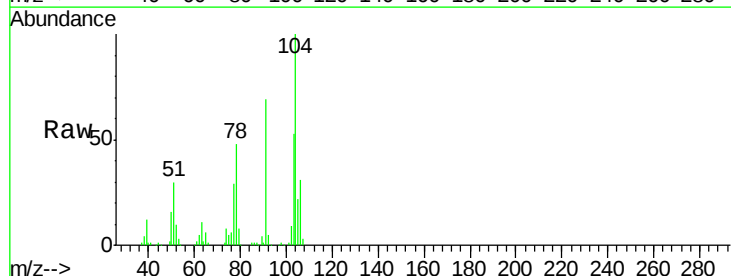
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

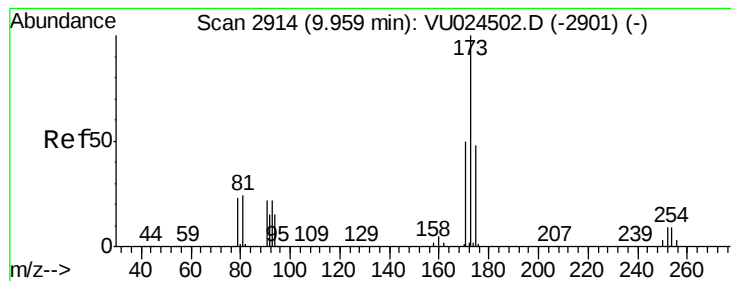
Tot Ion:106 Resp: 85560
Ion Ratio Lower Upper
106 100
91 220.9 110.7 331.9



#70
Styrene
Concen: 20.628 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion:104 Resp: 135206
Ion Ratio Lower Upper
104 100
78 52.6 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 18.475 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

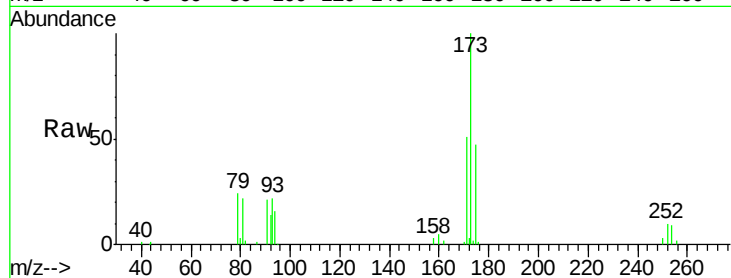
Tot Ion:173 Resp: 39941

Ion Ratio Lower Upper

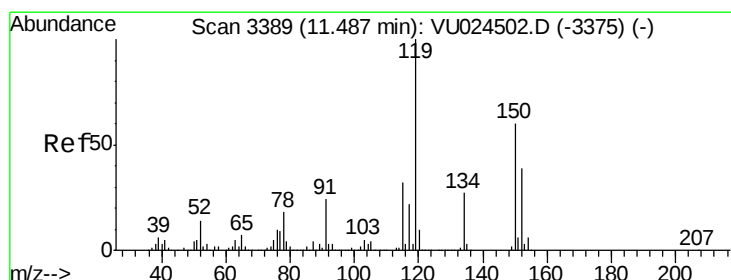
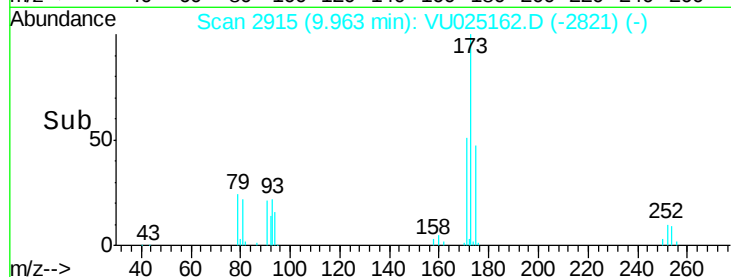
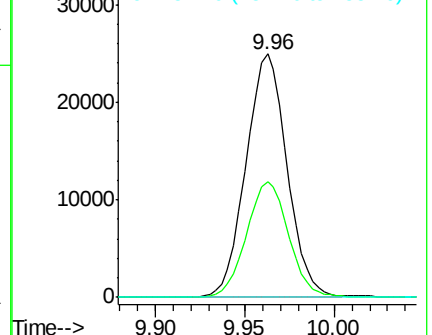
173 100

175 48.7 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: VU025162.D

Acq: 02 Jul 2018 23:45

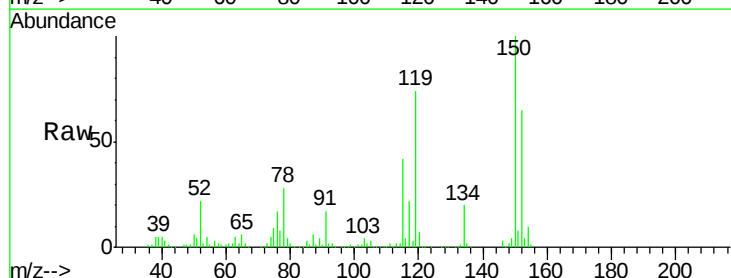
Tgt Ion:152 Resp: 131911

Ion Ratio Lower Upper

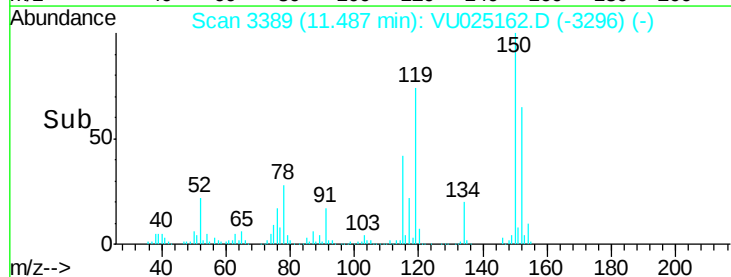
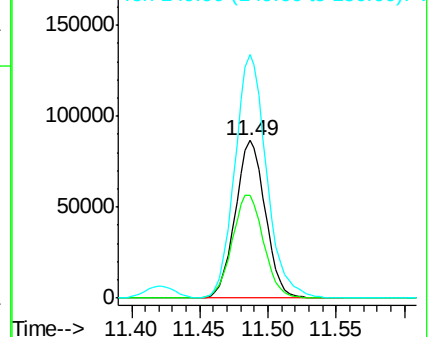
152 100

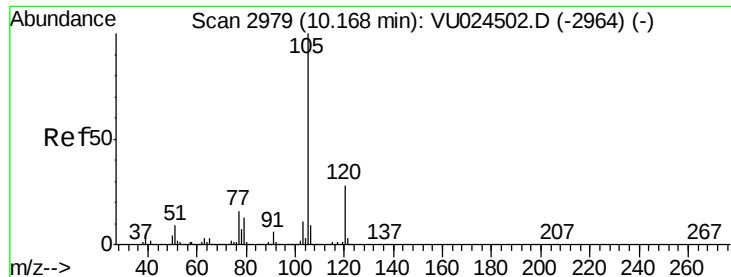
115 68.7 43.0 129.0

150 163.6 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: 22.876 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

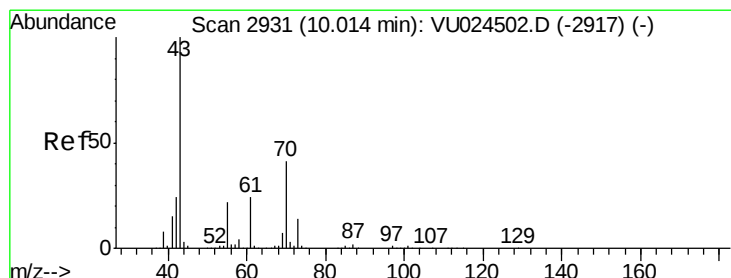
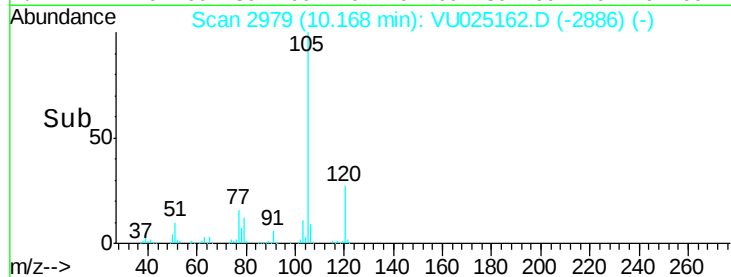
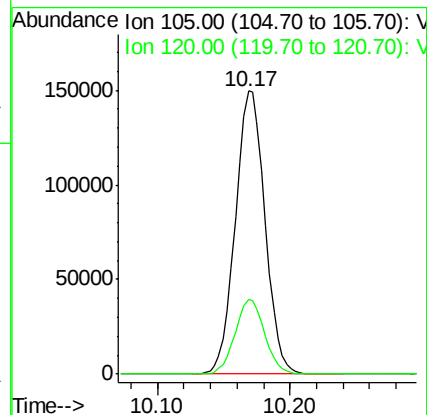
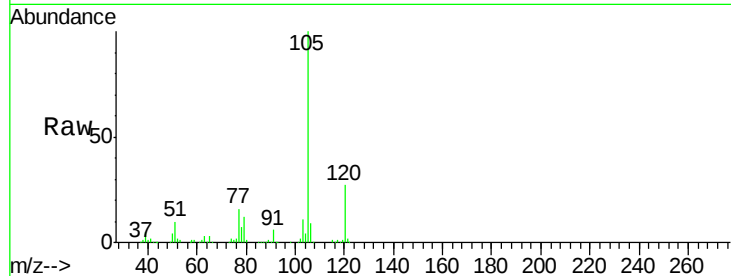
VU0702WBS02

Tot Ion:105 Resp: 231683

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 20.617 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion: 43 Resp: 99317

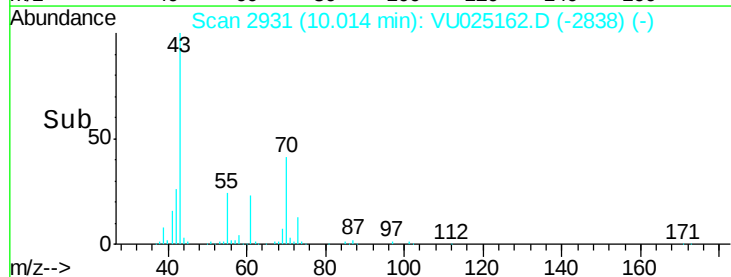
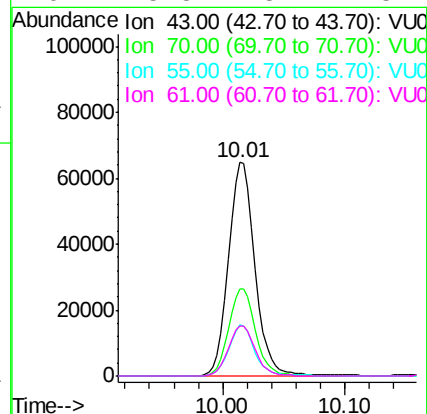
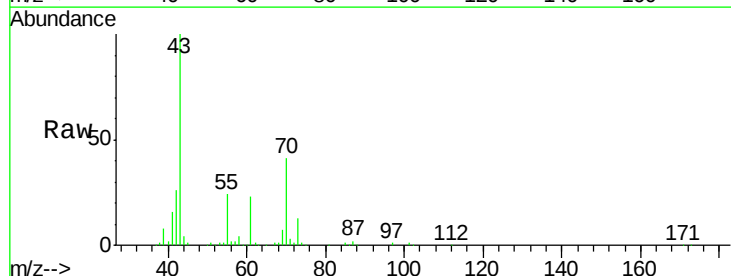
Ion Ratio Lower Upper

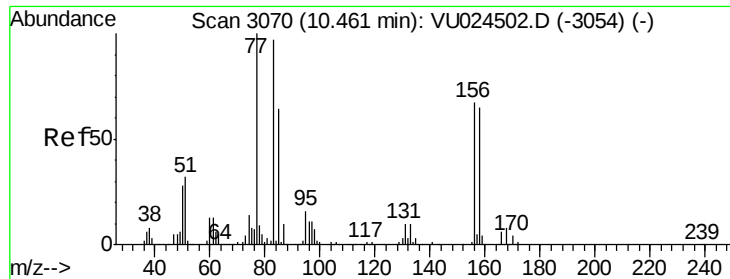
43 100

70 41.4 32.2 48.4

55 23.1 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.283 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

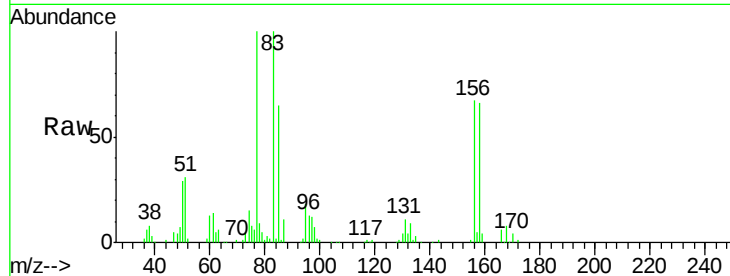
Tot Ion: 83 Resp: 79018

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

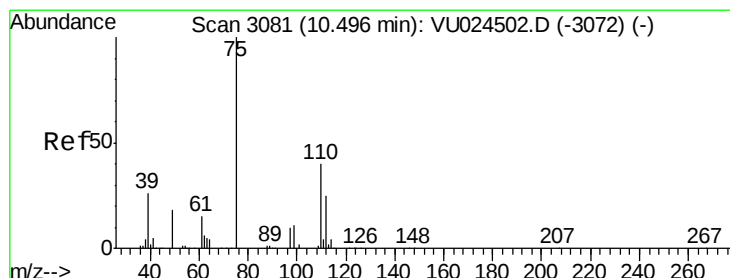
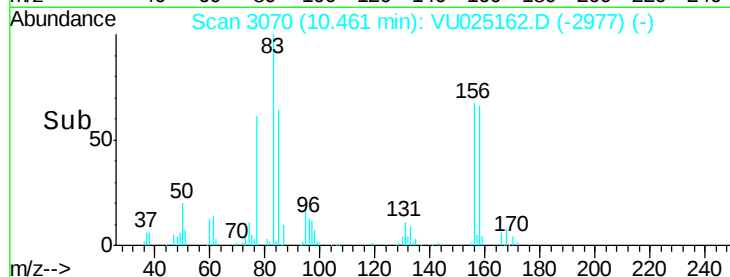
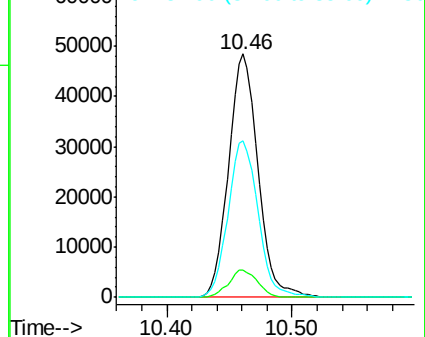
85 65.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): 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: 30.801 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025162.D

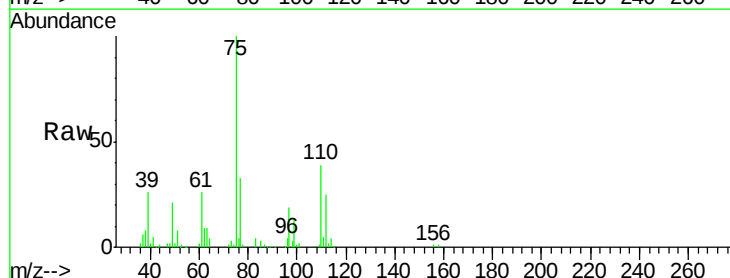
Acq: 02 Jul 2018 23:45

Tgt Ion: 75 Resp: 89453

Ion Ratio Lower Upper

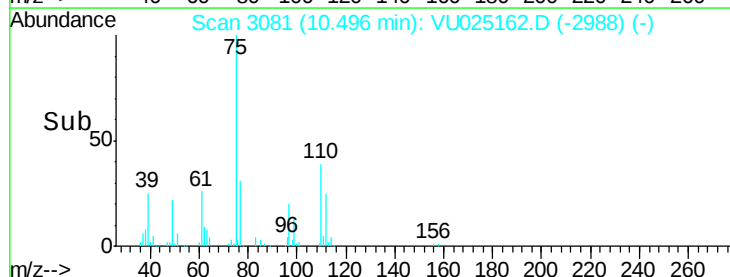
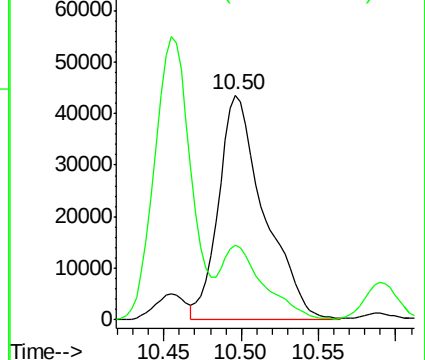
75 100

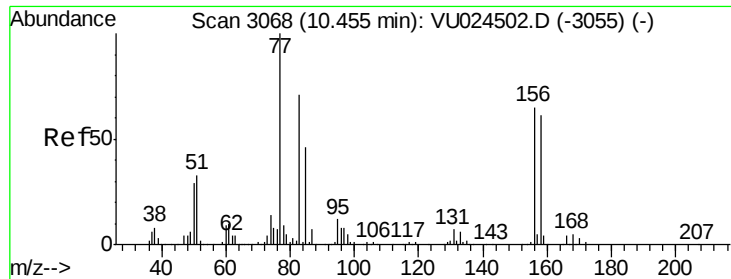
77 30.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 23.036 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

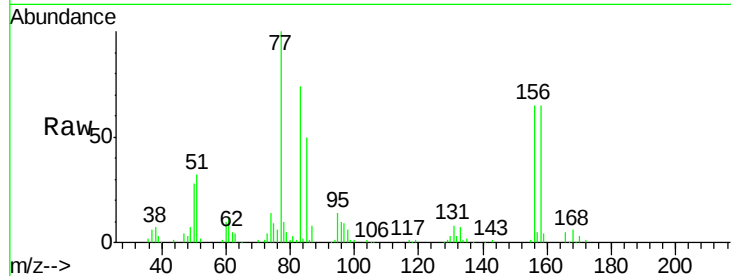
Tot Ion:156 Resp: 59063

Ion Ratio Lower Upper

156 100

77 151.0 80.5 241.3

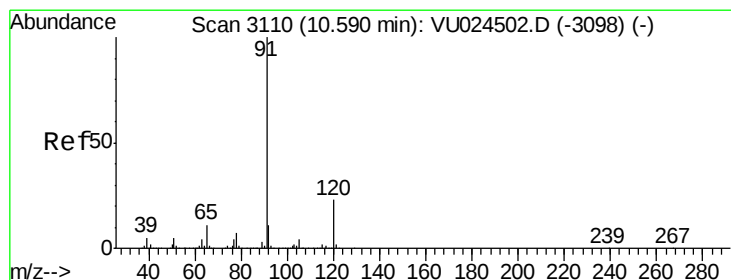
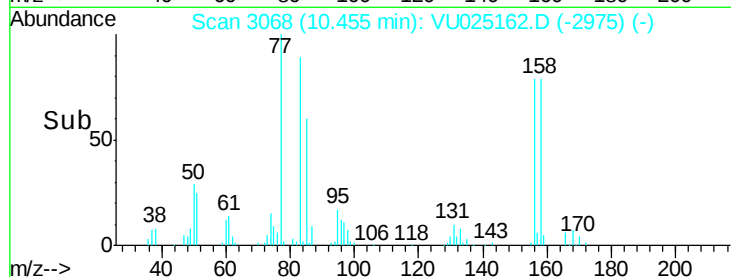
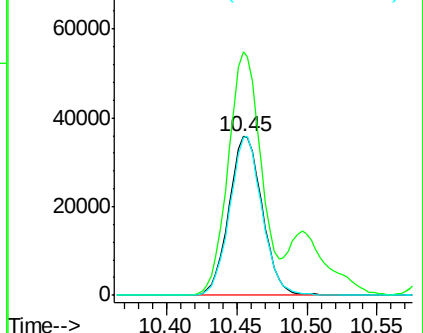
158 97.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.957 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025162.D

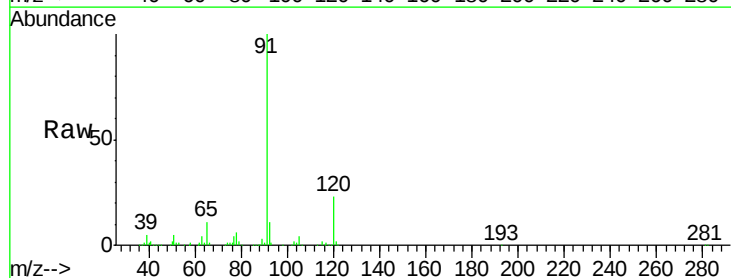
Acq: 02 Jul 2018 23:45

Tgt Ion: 91 Resp: 250026

Ion Ratio Lower Upper

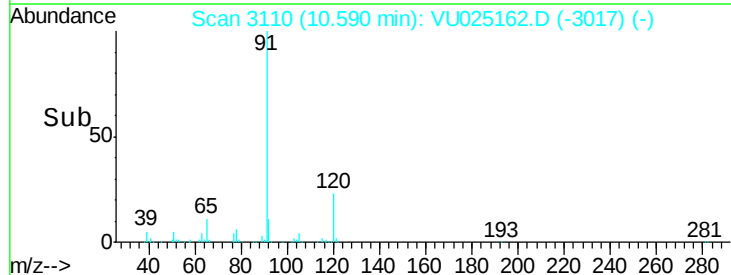
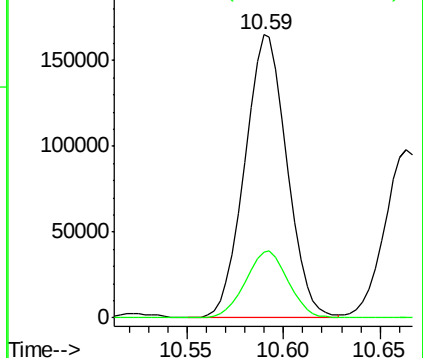
91 100

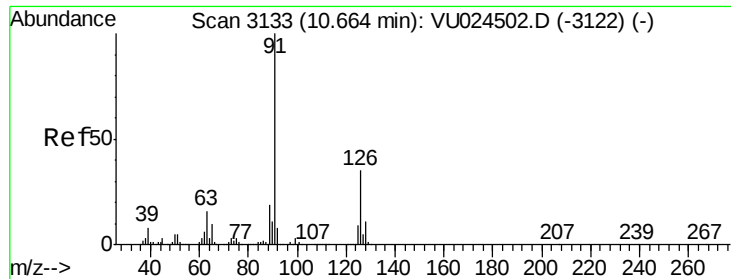
120 23.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.195 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

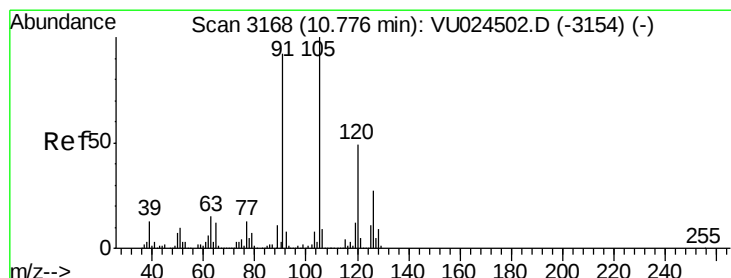
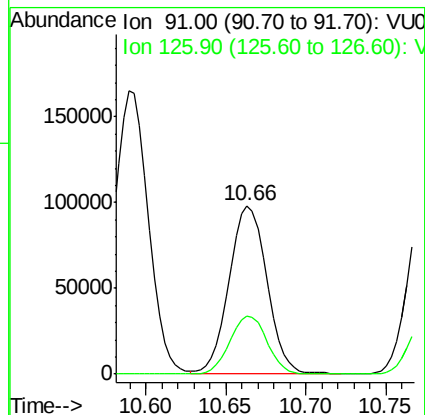
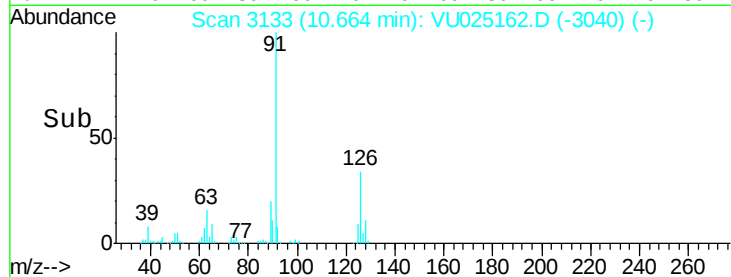
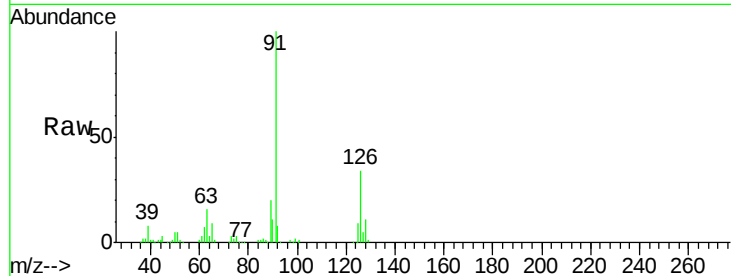
VU0702WBS02

Tot Ion: 91 Resp: 156148

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 22.052 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025162.D

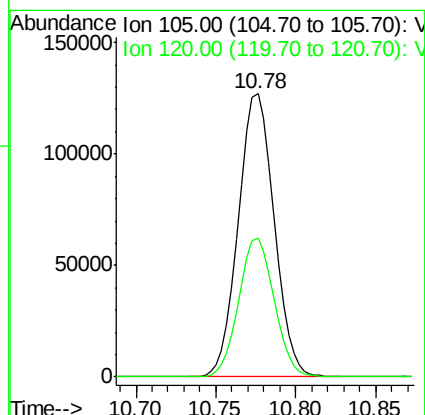
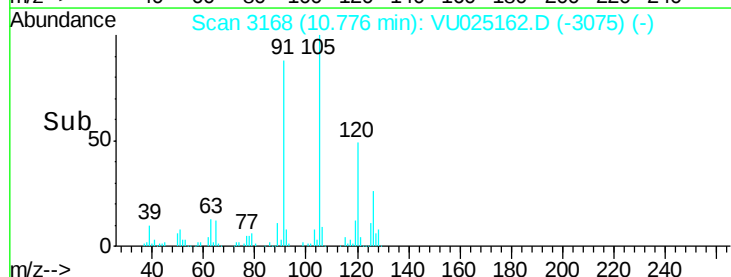
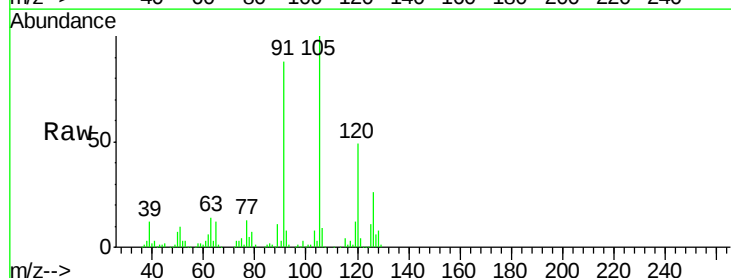
Acq: 02 Jul 2018 23:45

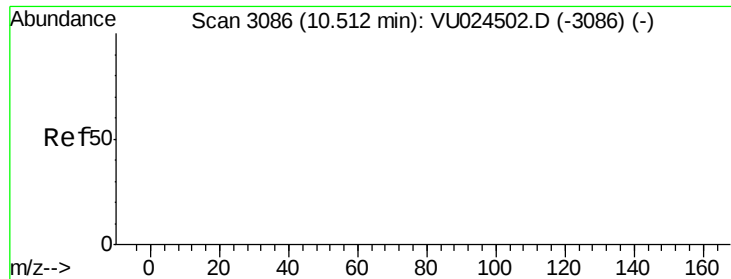
Tgt Ion: 105 Resp: 193573

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 71.287 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

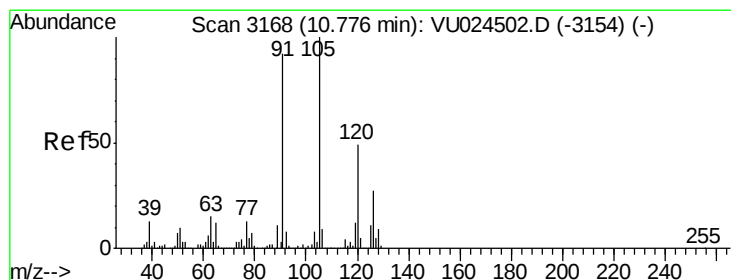
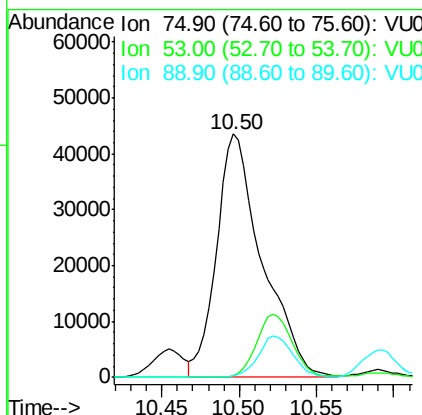
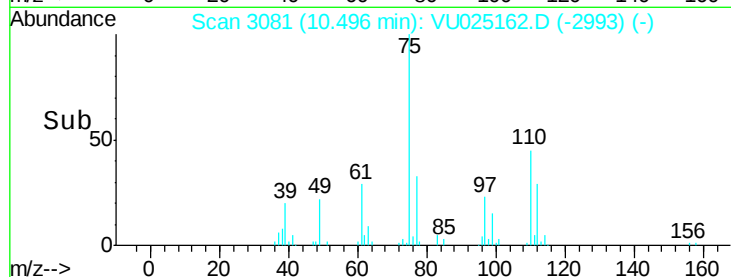
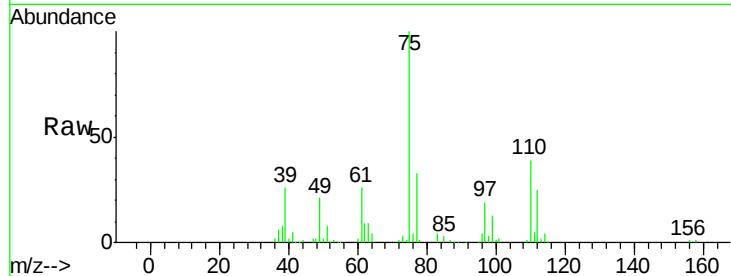
Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion: 75 Resp: 89453

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



#82

4-Chlorotoluene

Concen: 21.445 ug/l

RT: 10.78 min Scan# 3168

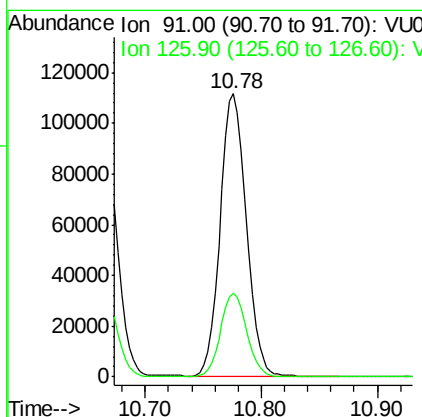
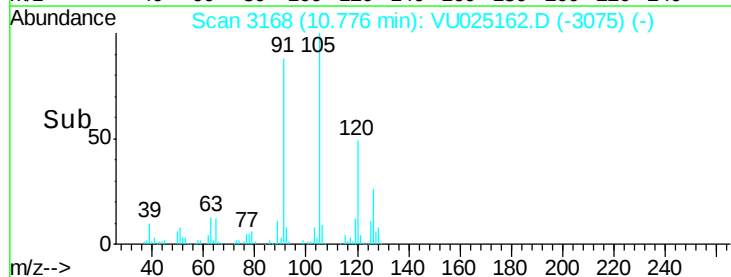
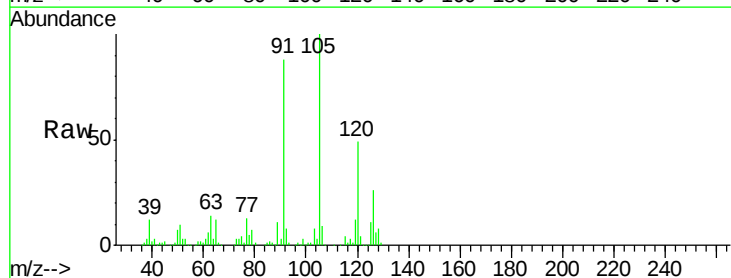
Delta R.T. -0.00 min

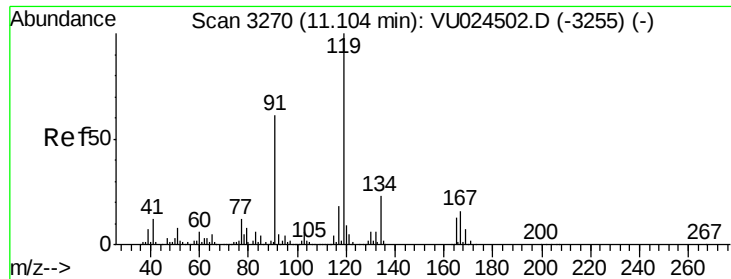
Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Tgt Ion: 91 Resp: 175601

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.9	44.9





#83

tert-Butylbenzene

Concen: 22.627 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

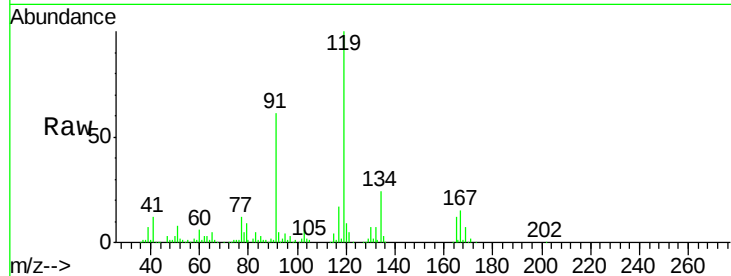
Tot Ion:119 Resp: 191057

Ion Ratio Lower Upper

119 100

91 61.5 29.7 89.1

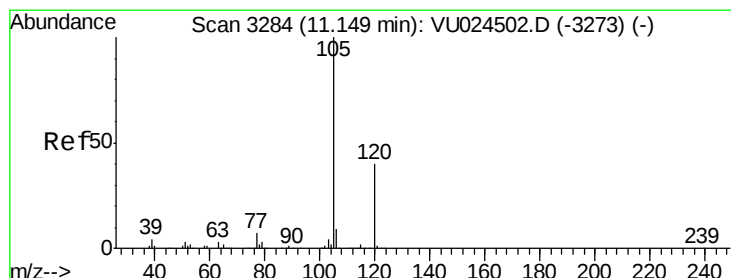
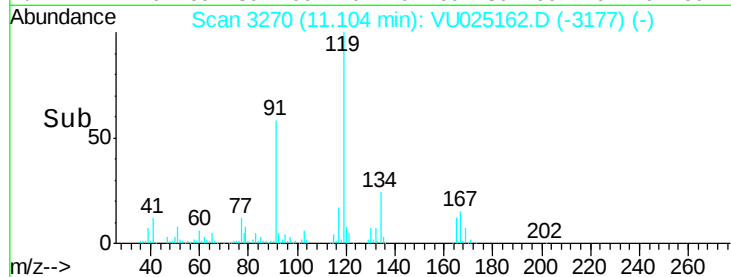
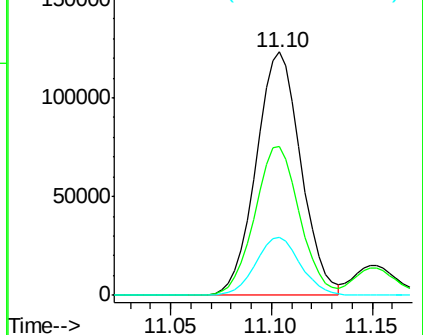
134 23.8 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.047 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025162.D

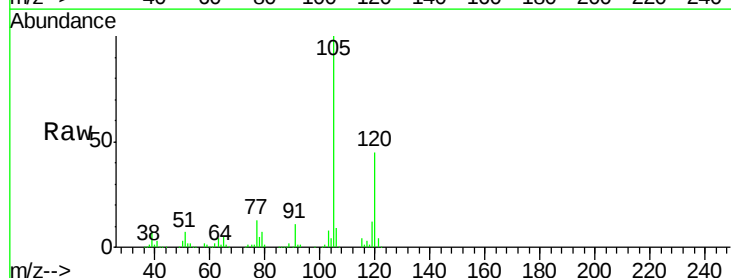
Acq: 02 Jul 2018 23:45

Tgt Ion:105 Resp: 197224

Ion Ratio Lower Upper

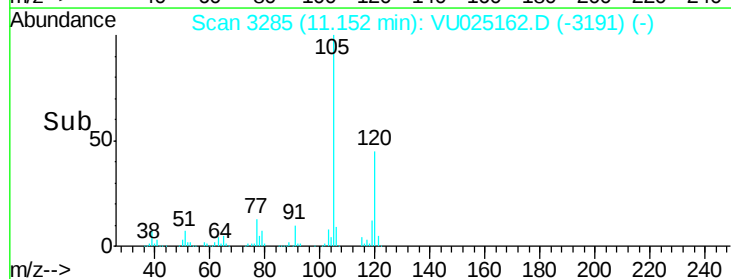
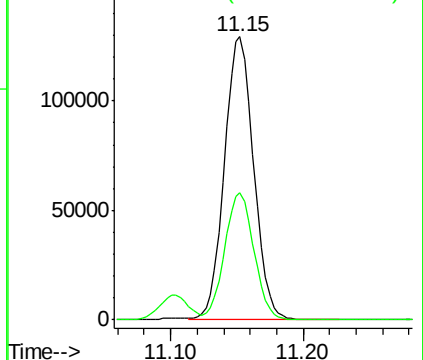
105 100

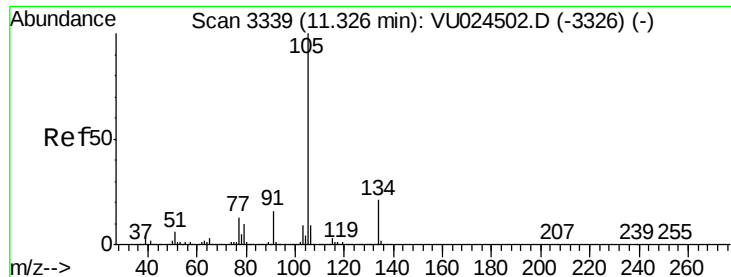
120 45.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.621 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

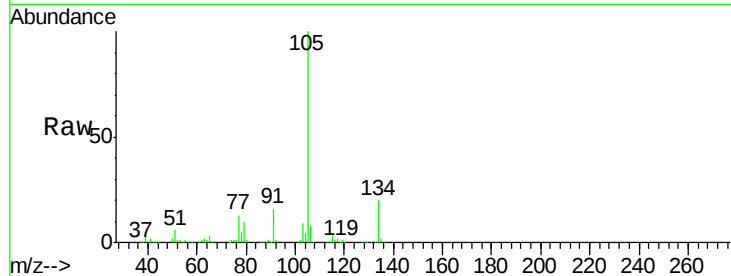
VU0702WBS02

Tot Ion:105 Resp: 228522

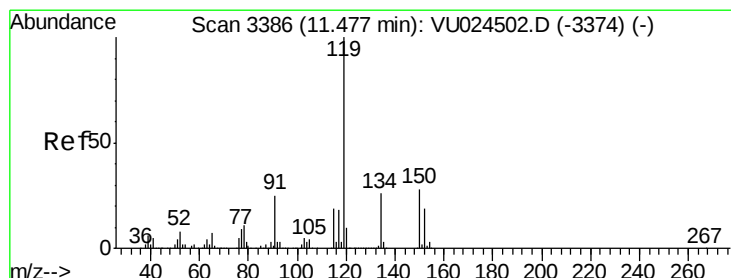
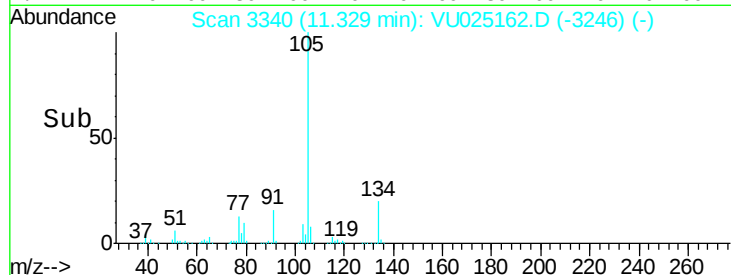
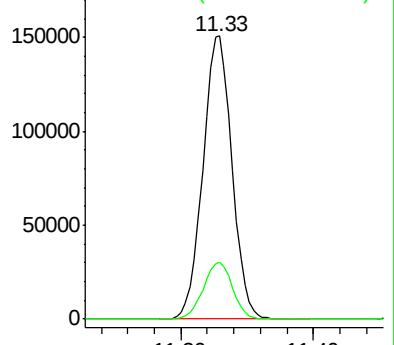
Ion Ratio Lower Upper

105 100

134 20.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V



#86

p-Isopropyltoluene

Concen: 21.201 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

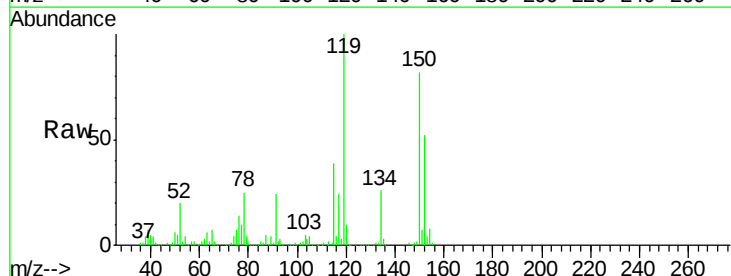
Tgt Ion:119 Resp: 200692

Ion Ratio Lower Upper

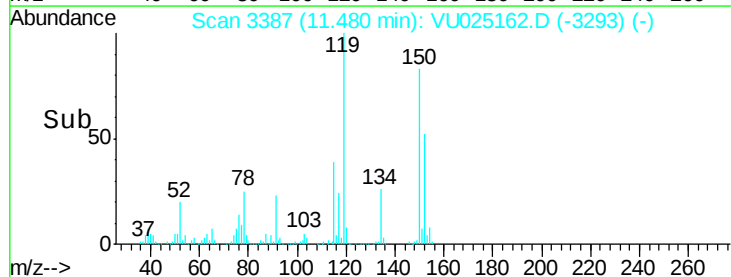
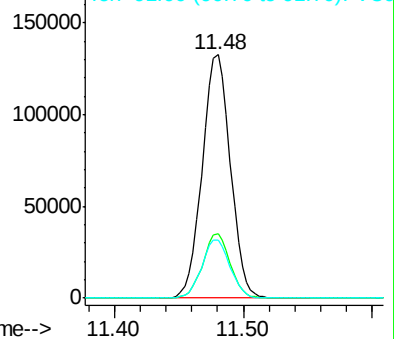
119 100

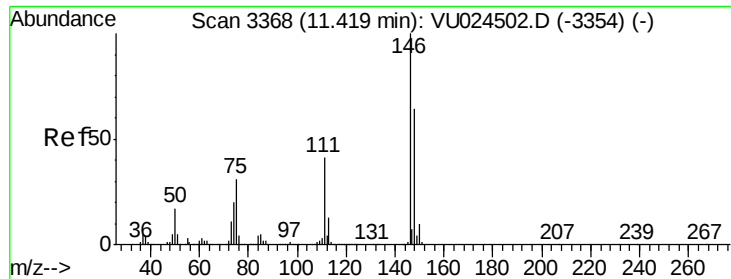
134 25.7 12.9 38.6

91 24.0 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

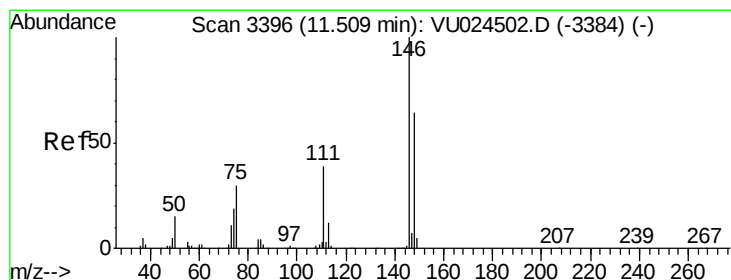
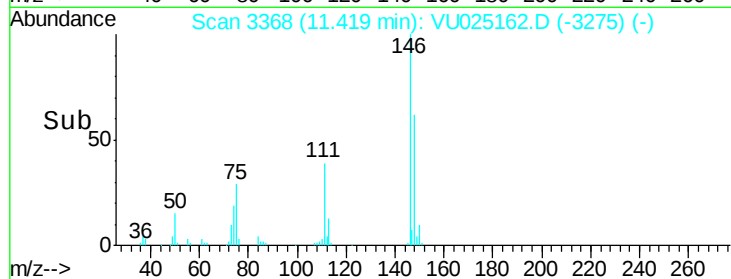
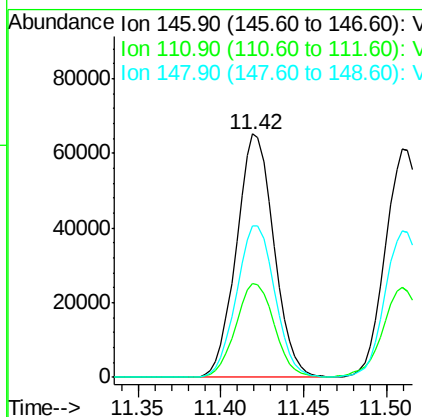
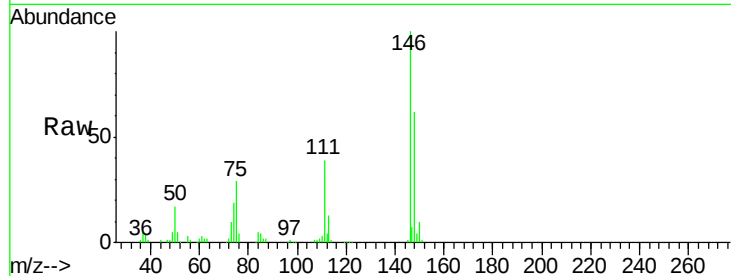




#87
 1,3-Dichlorobenzene
 Concen: 21.711 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

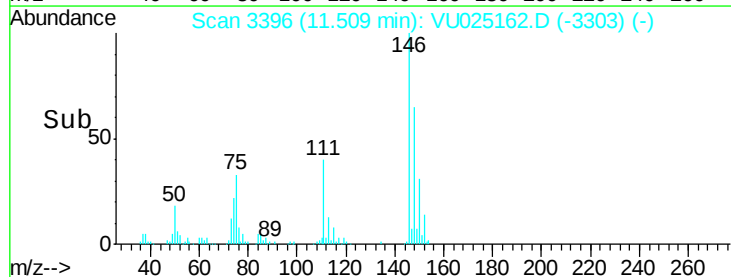
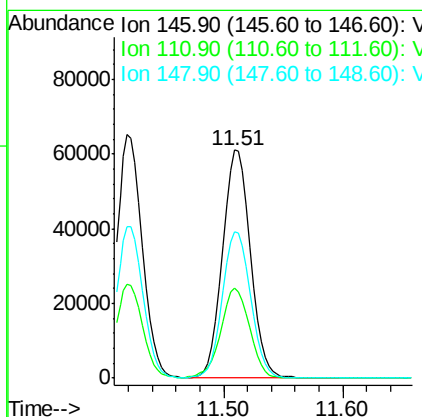
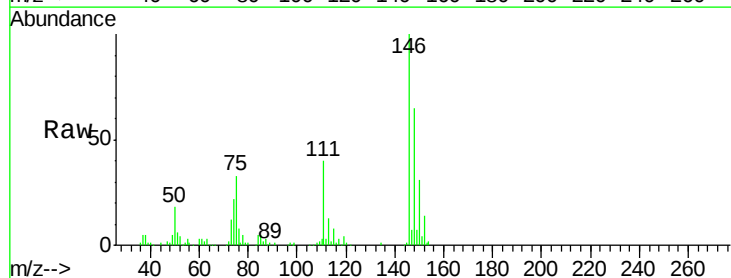
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

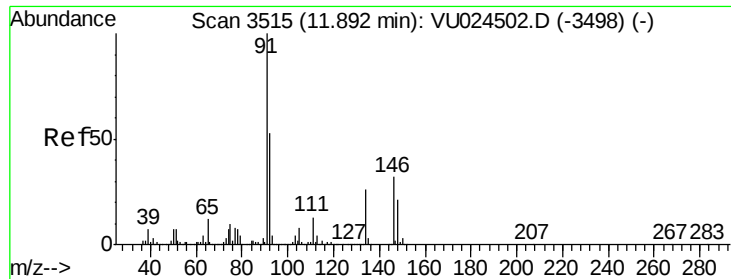
Tot Ion:146 Resp: 102841
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.895 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion:146 Resp: 99620
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.5 58.5
 148 65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 18.078 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

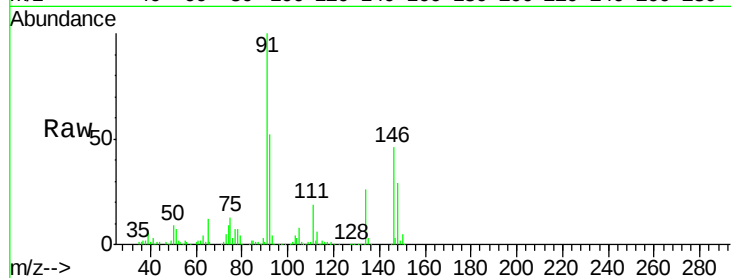
Tot Ion: 91 Resp: 151934

Ion Ratio Lower Upper

91 100

92 51.9 25.6 76.8

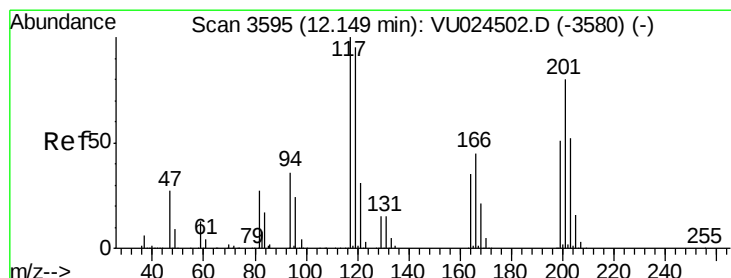
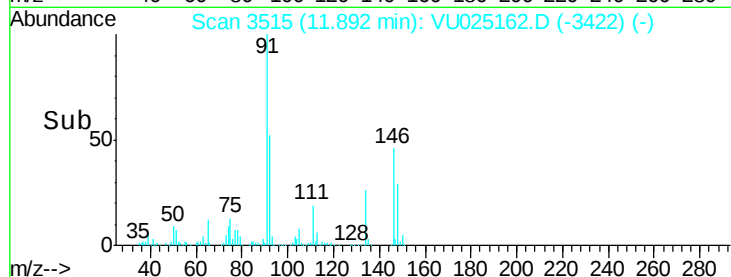
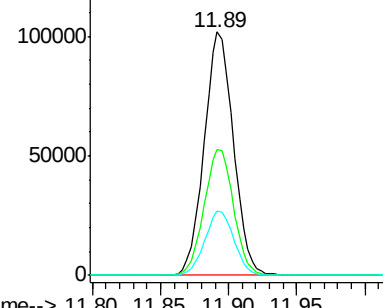
134 26.2 12.3 36.8



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

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

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



#90

Hexachloroethane

Concen: 18.889 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025162.D

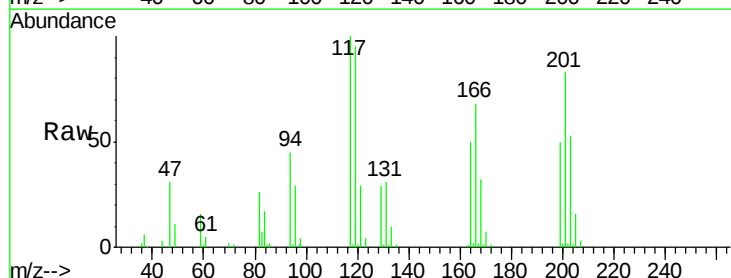
Acq: 02 Jul 2018 23:45

Tgt Ion: 117 Resp: 34880

Ion Ratio Lower Upper

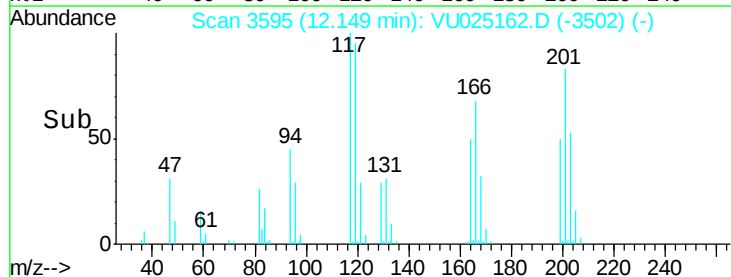
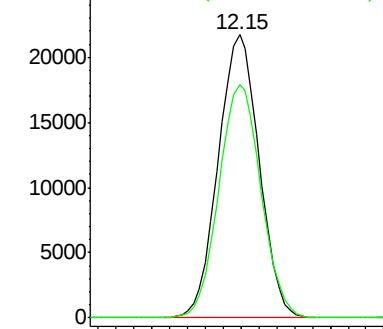
117 100

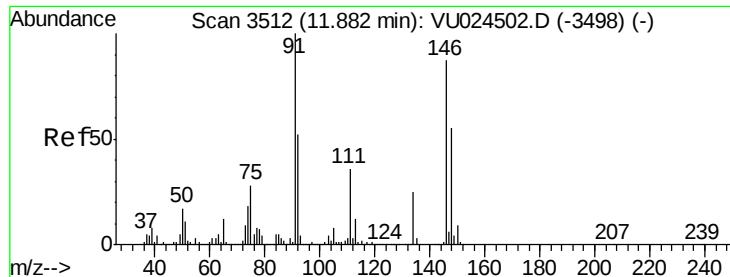
201 84.7 41.1 123.3



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

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





#91

1,2-Dichlorobenzene

Concen: 22.427 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS02

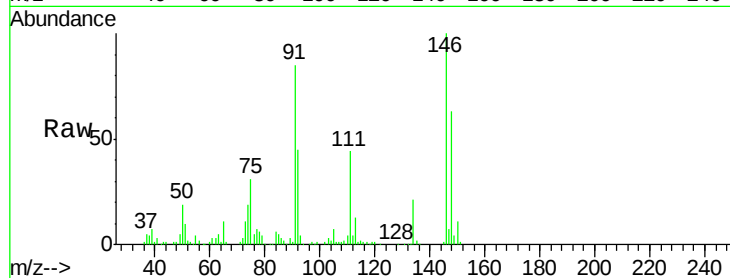
Tot Ion:146 Resp: 106409

Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.6

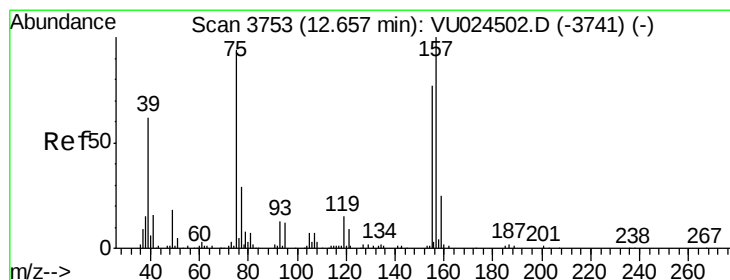
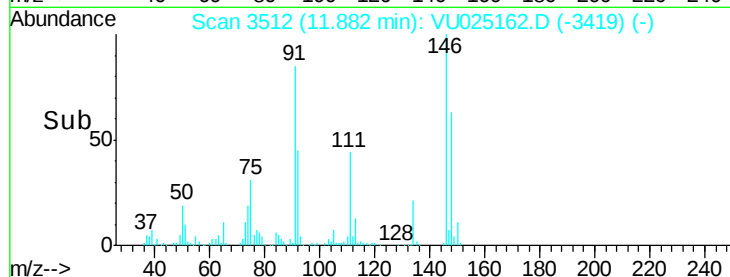
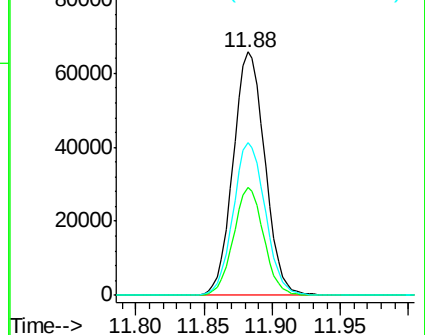
148 63.4 31.9 95.7



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: 21.211 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025162.D

Acq: 02 Jul 2018 23:45

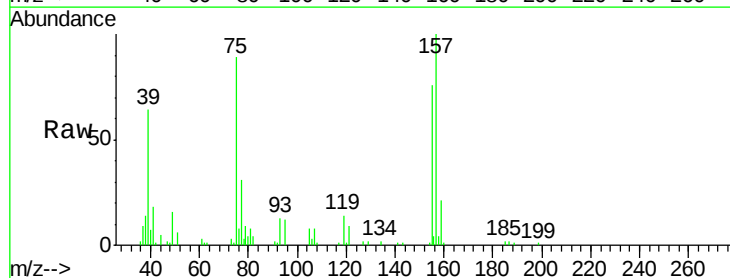
Tgt Ion: 75 Resp: 19863

Ion Ratio Lower Upper

75 100

155 84.4 40.4 121.2

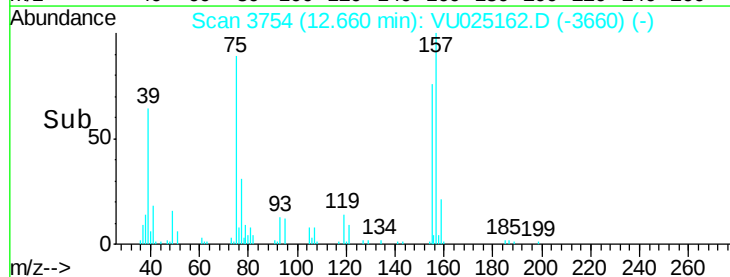
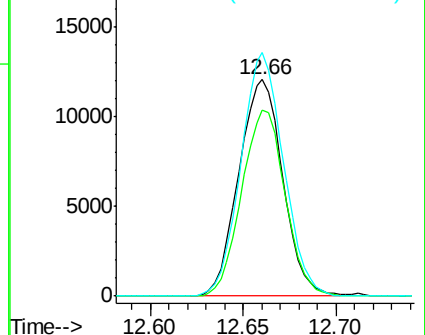
157 108.5 52.3 156.8

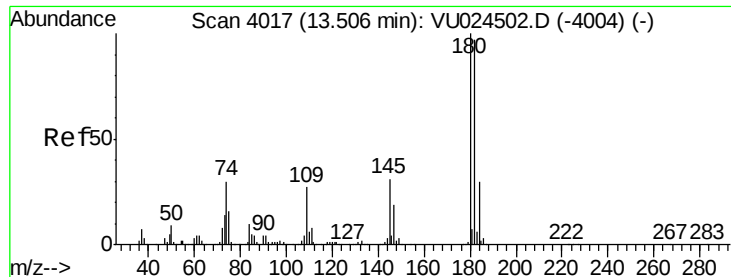


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

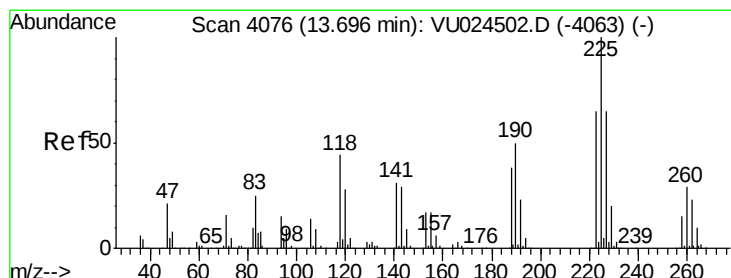
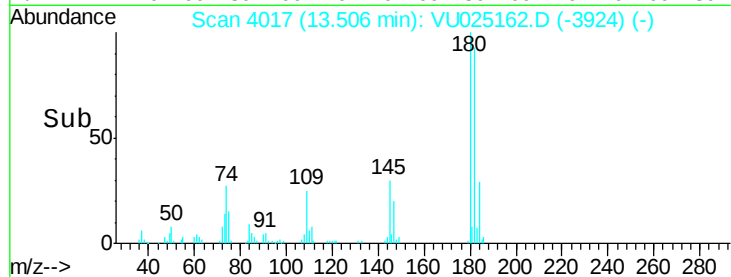
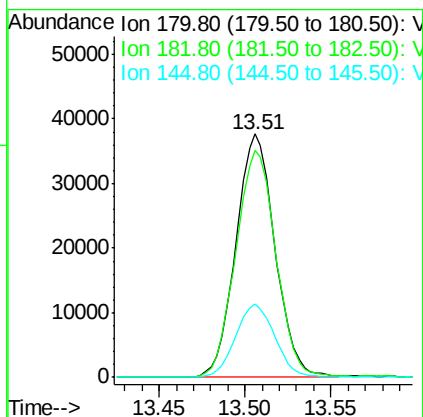
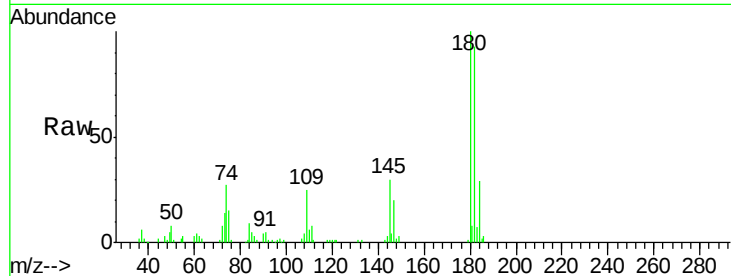




#93
 1,2,4-Trichlorobenzene
 Concen: 20.323 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

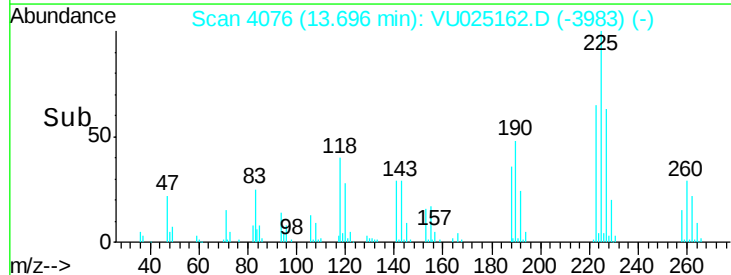
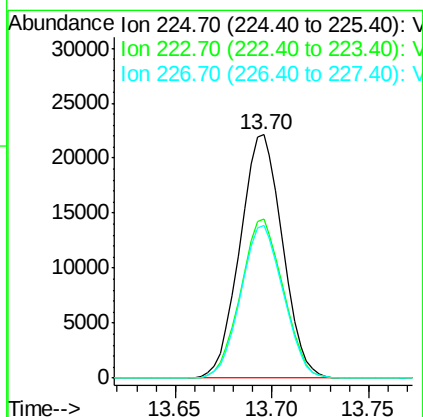
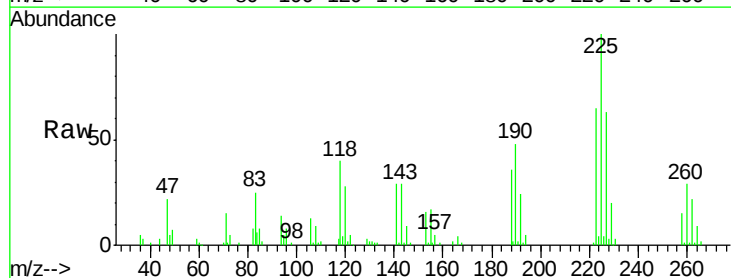
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS02

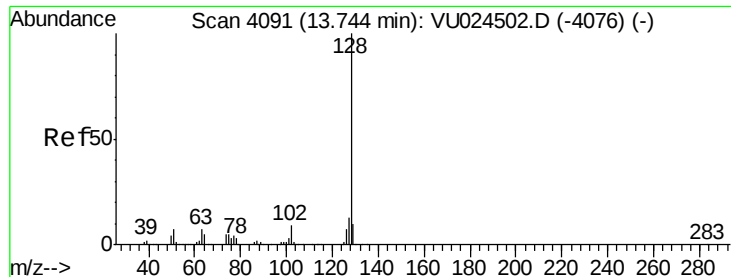
Tot Ion:180 Resp: 59544
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.2
 145 30.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.552 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025162.D
 Acq: 02 Jul 2018 23:45

Tgt Ion:225 Resp: 33892
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.3 93.8
 227 62.5 31.8 95.4

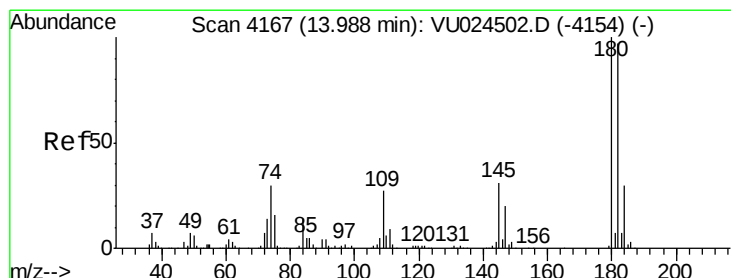
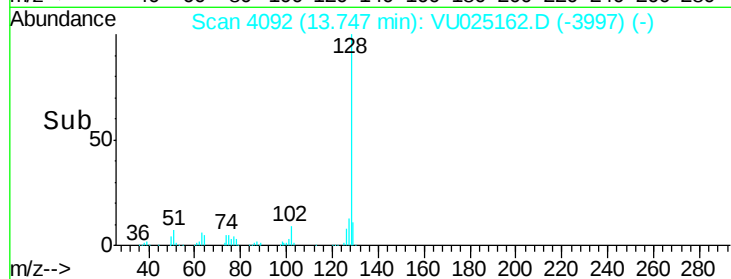
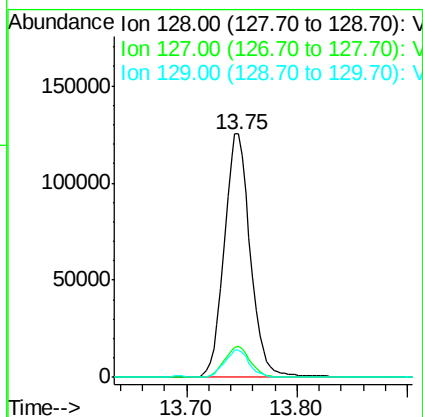
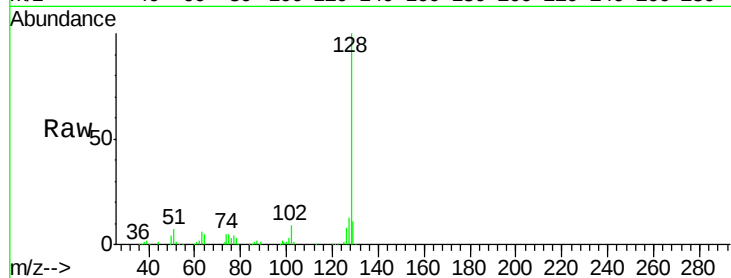




#95
Naphthalene
Concen: 21.589 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS02

Tot Ion:128 Resp: 205604
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 22.438 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025162.D
Acq: 02 Jul 2018 23:45

Tgt Ion:180 Resp: 65508
Ion Ratio Lower Upper
180 100
182 96.9 47.9 143.7
145 32.0 15.4 46.1

