

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025163.D
 Acq On : 03 Jul 2018 00:10
 Operator : MD/SY
 Sample : VU0702WBS03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Quant Time: Jul 03 03:04:33 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	159697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	246761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	228142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	129587	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	126449	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	4.89	113	103052	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	7.57	98	331580	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	10.31	95	137162	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34266	17.142	ug/l	98
3) Chloromethane	1.33	50	37551	18.388	ug/l	98
4) Vinyl Chloride	1.40	62	41122	19.526	ug/l	100
5) Bromomethane	1.62	94	24546	24.110	ug/l	94
6) Chloroethane	1.70	64	27519	22.811	ug/l	98
7) Trichlorofluoromethane	1.89	101	67344	20.953	ug/l	97
8) Diethyl Ether	2.10	74	26609	23.323	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	39352	19.736	ug/l	97
10) Methyl Iodide	2.41	142	42129	27.613	ug/l	99
11) Tert butyl alcohol	2.82	59	72250	113.947	ug/l	99
12) 1,1-Dichloroethene	2.28	96	37213	20.465	ug/l	96
13) Acrolein	2.19	56	17329	52.045	ug/l	98
14) Allyl chloride	2.59	41	62183	18.418	ug/l	99
15) Acrylonitrile	2.94	53	137265	111.267	ug/l	98
16) Acetone	2.32	43	135354	96.627	ug/l	99
17) Carbon Disulfide	2.48	76	101180	17.377	ug/l	100
18) Methyl Acetate	2.62	43	85720	28.545	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	150049	21.952	ug/l	96
20) Methylene Chloride	2.71	84	50670	23.054	ug/l	91
21) trans-1,2-Dichloroethene	2.99	96	41459	20.701	ug/l	97
22) Diisopropyl ether	3.57	45	144050	21.523	ug/l	95
23) Vinyl Acetate	3.53	43	582190	97.105	ug/l	99
24) 1,1-Dichloroethane	3.45	63	81836	21.255	ug/l	99
25) 2-Butanone	4.26	43	202049	107.383	ug/l	96
26) 2,2-Dichloropropane	4.23	77	50232	13.740	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	49391	21.451	ug/l	96
28) Bromochloromethane	4.55	49	35686	21.042	ug/l	86
29) Tetrahydrofuran	4.64	42	127701	109.596	ug/l	97
30) Chloroform	4.68	83	85513	21.943	ug/l	100
31) Cyclohexane	5.00	56	72872	20.134	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	78471	21.775	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59539	20.533	ug/l	98
37) Ethyl Acetate	4.38	43	71582	22.650	ug/l	99
38) Carbon Tetrachloride	5.14	117	67804	21.264	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	72299	19.980	ug/l	95
40) Benzene	5.39	78	178940	21.657	ug/l	98
41) Methacrylonitrile	4.54	41	40339	23.674	ug/l	98
42) 1,2-Dichloroethane	5.41	62	73850	23.468	ug/l	99
43) Isopropyl Acetate	5.55	43	115799	21.197	ug/l	99
44) Trichloroethene	6.19	130	48277	20.531	ug/l	99
45) 1,2-Dichloropropane	6.44	63	47978	21.763	ug/l	94
46) Dibromomethane	6.56	93	34071	22.002	ug/l	93
47) Bromodichloromethane	6.76	83	64141	20.801	ug/l	97
48) Methyl methacrylate	6.63	41	60204	22.632	ug/l	97
49) 1,4-Dioxane	6.61	88	28957	556.635	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	382719	111.513	ug/l	98
52) Toluene	7.64	92	113461	21.344	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	65148	18.813	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	69236	18.764	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47062	21.780	ug/l	98
56) Ethyl methacrylate	8.02	69	74115	20.493	ug/l	97
57) 1,3-Dichloropropane	8.25	76	79548	21.824	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	129951	93.791	ug/l	96
59) 2-Hexanone	8.36	43	297831	106.294	ug/l	99
60) Dibromochloromethane	8.48	129	50727	18.826	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52262	21.731	ug/l	100
64) Tetrachloroethene	8.23	164	50480	23.278	ug/l	97
65) Chlorobenzene	9.12	112	127037	21.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	49842	22.510	ug/l	98
67) Ethyl Benzene	9.25	91	221128	21.643	ug/l	97
68) m/p-Xylenes	9.38	106	172483	43.962	ug/l	97
69) o-Xylene	9.78	106	87614	22.564	ug/l	97
70) Styrene	9.80	104	132995	20.843	ug/l	99
71) Bromoform	9.96	173	39488	18.762	ug/l #	100
73) Isopropylbenzene	10.17	105	228679	22.985	ug/l	99
74) N-amyl acetate	10.01	43	97579	20.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	77894	23.364	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	88619	31.061	ug/l	82
77) Bromobenzene	10.45	156	58247	23.125	ug/l	94
78) n-propylbenzene	10.59	91	247251	21.096	ug/l	97
79) 2-Chlorotoluene	10.66	91	156381	22.626	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	195312	22.649	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	88619	71.889	ug/l #	100
82) 4-Chlorotoluene	10.78	91	173783	21.603	ug/l	99
83) tert-Butylbenzene	11.10	119	191573	23.095	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	194136	22.091	ug/l	100
85) sec-Butylbenzene	11.33	105	227561	21.916	ug/l	99
86) p-Isopropyltoluene	11.48	119	195676	21.042	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	101599	21.833	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	100582	21.475	ug/l	99
89) n-Butylbenzene	11.89	91	149349	18.090	ug/l	97
90) Hexachloroethane	12.15	117	34698	19.127	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	106520	22.854	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20028	21.771	ug/l	98

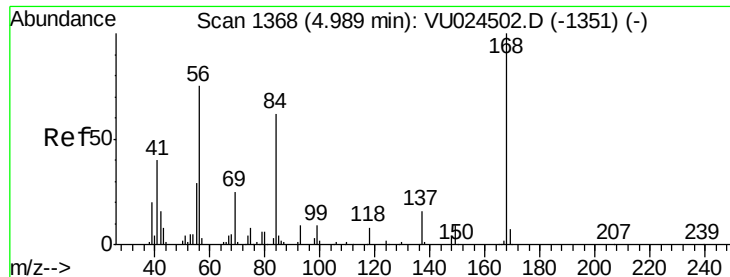
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	61584	21.396	ug/l	99
94) Hexachlorobutadiene	13.70	225	33967	20.967	ug/l	98
95) Naphthalene	13.75	128	213975	22.830	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	66679	23.249	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

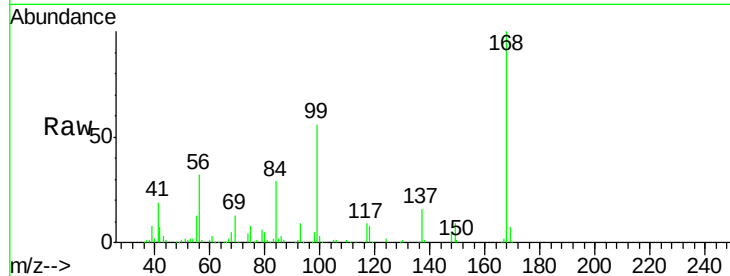
VU0702WBS03

Tot Ion:168 Resp: 159697

Ion Ratio Lower Upper

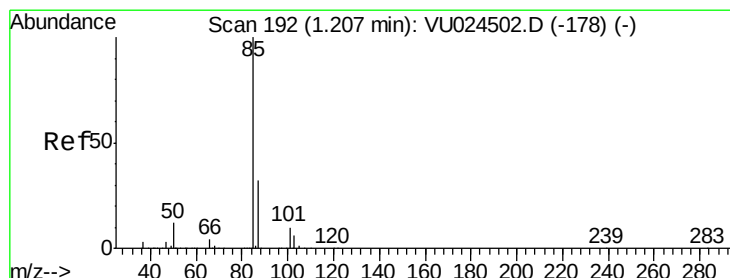
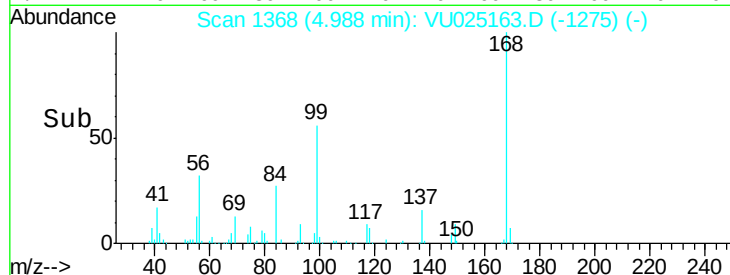
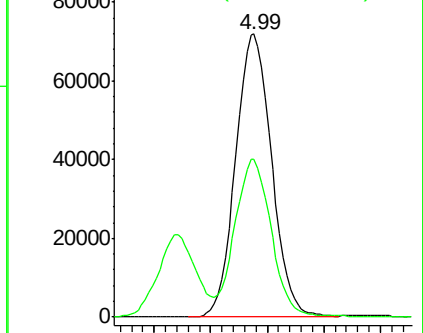
168 100

99 55.4 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D



#2

Dichlorodifluoromethane

Concen: 17.142 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025163.D

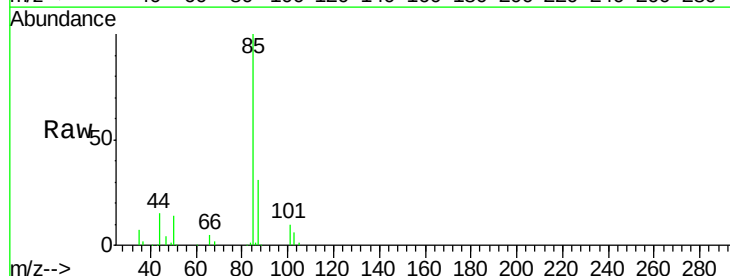
Acq: 03 Jul 2018 00:10

Tgt Ion: 85 Resp: 34266

Ion Ratio Lower Upper

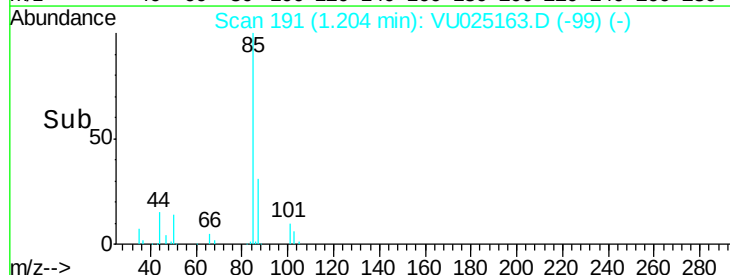
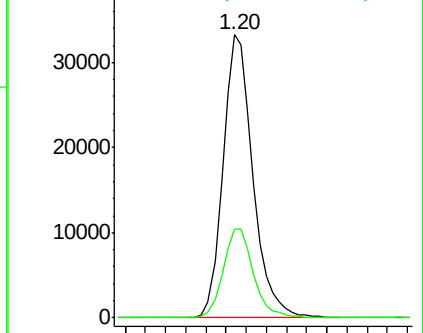
85 100

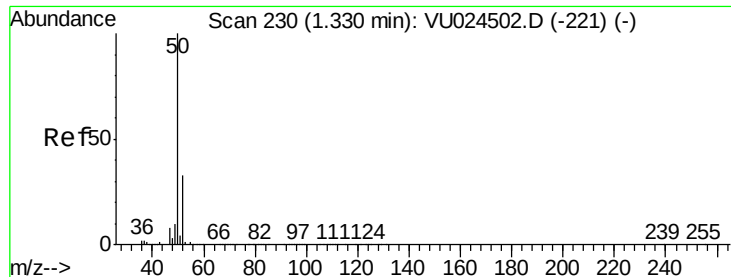
87 31.3 16.1 48.2



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

Ion 86.90 (86.60 to 87.60): VU024502.D





#3

Chloromethane

Concen: 18.388 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

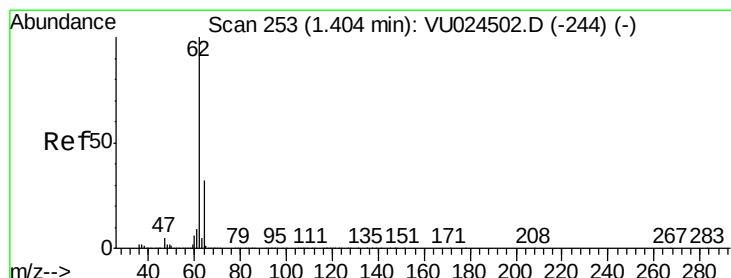
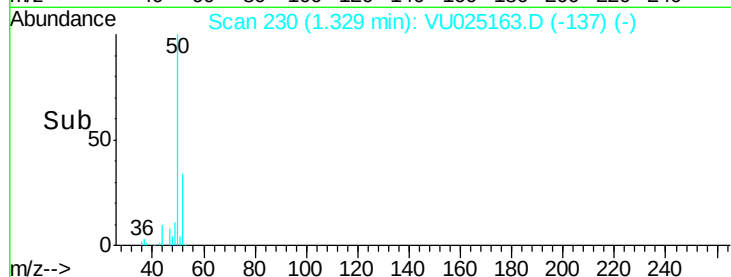
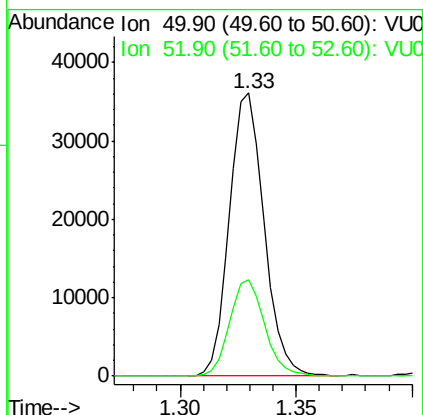
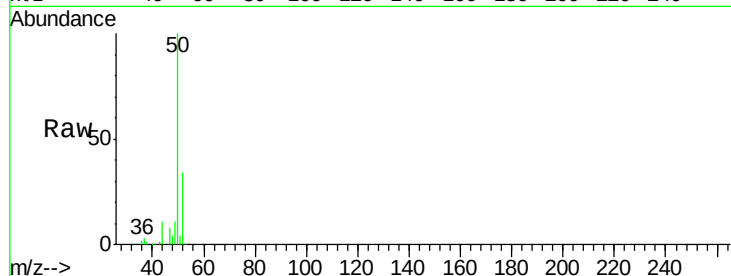
VU0702WBS03

Tot Ion: 50 Resp: 37551

Ion Ratio Lower Upper

50 100

52 34.2 26.4 39.6



#4

Vinyl Chloride

Concen: 19.526 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025163.D

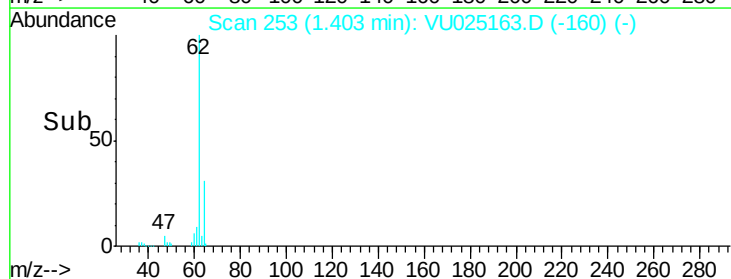
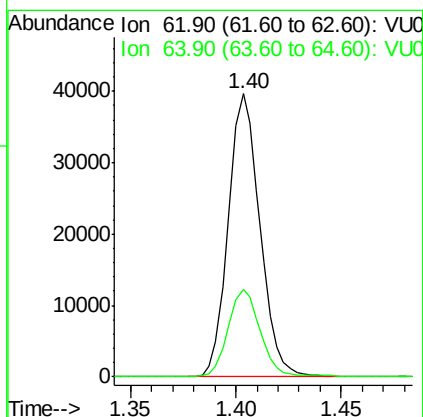
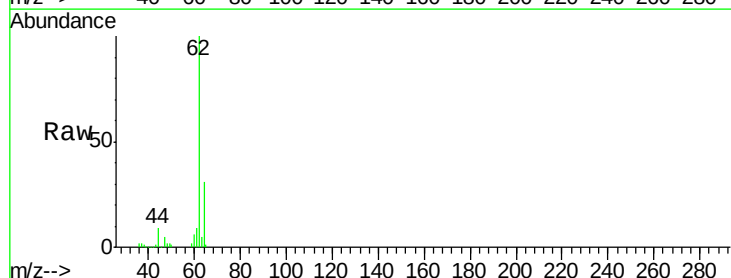
Acq: 03 Jul 2018 00:10

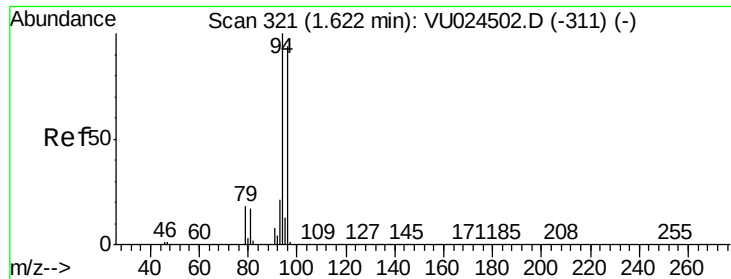
Tgt Ion: 62 Resp: 41122

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 24.110 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

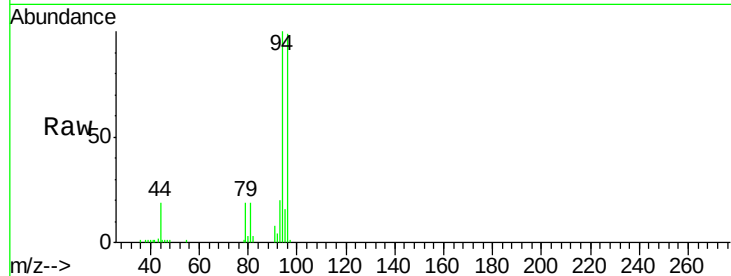
VU0702WBS03

Tot Ion: 94 Resp: 24546

Ion Ratio Lower Upper

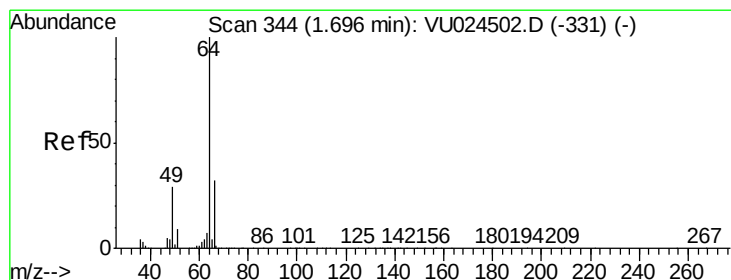
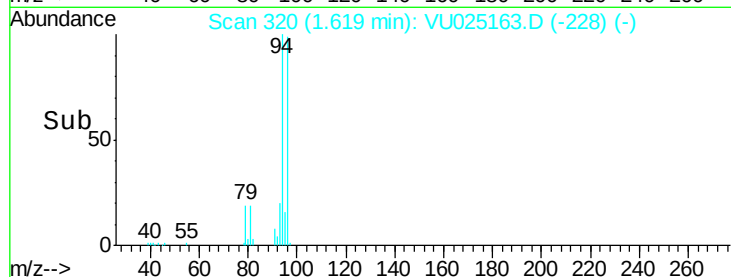
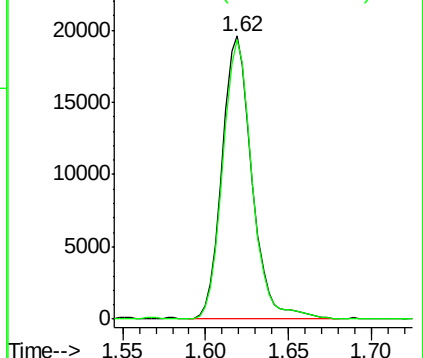
94 100

96 98.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 22.811 ug/l

RT: 1.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU025163.D

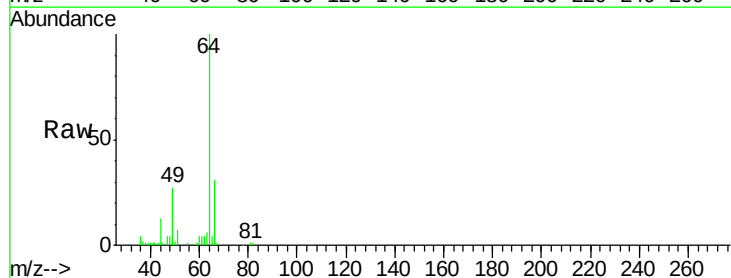
Acq: 03 Jul 2018 00:10

Tgt Ion: 64 Resp: 27519

Ion Ratio Lower Upper

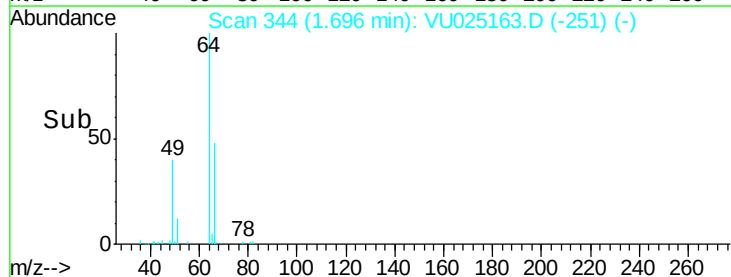
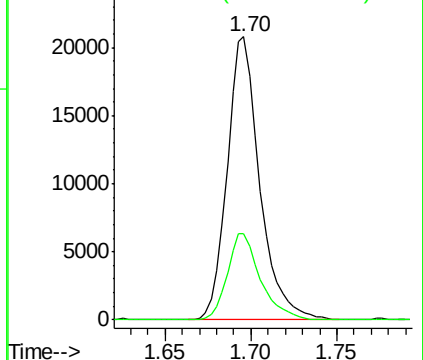
64 100

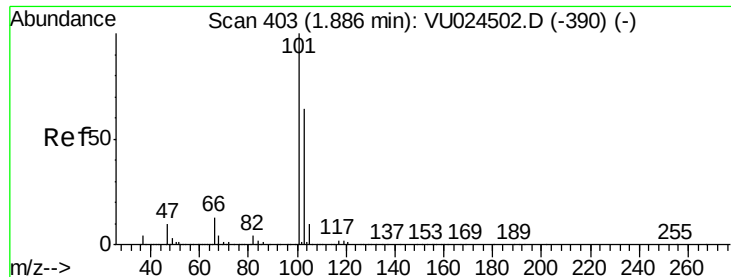
66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



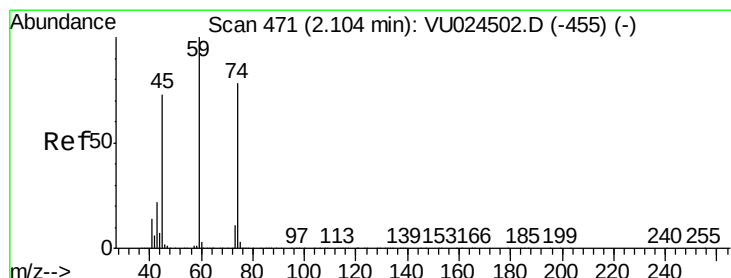
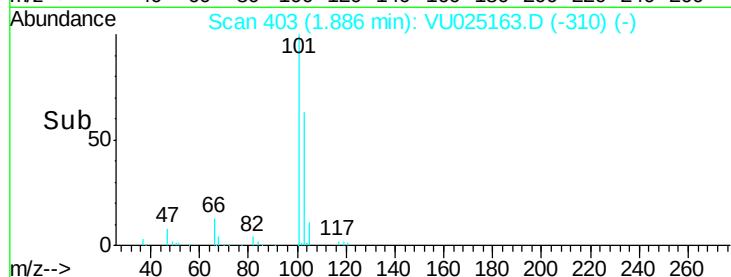
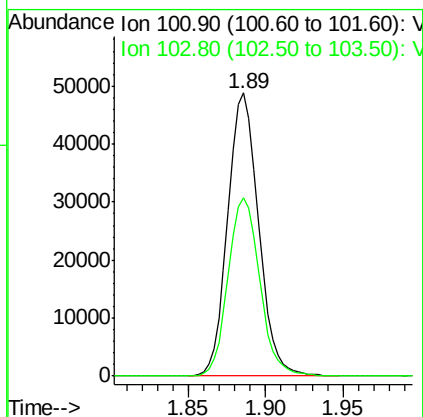
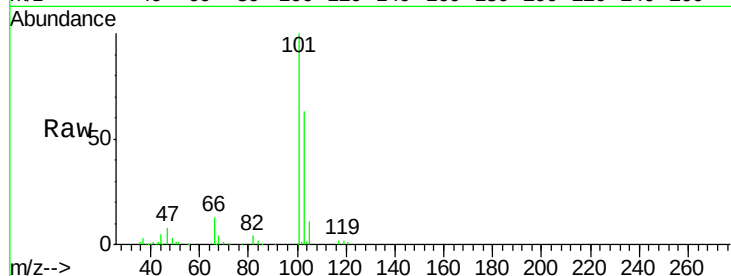


#7

Trichlorofluoromethane
Concen: 20.953 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

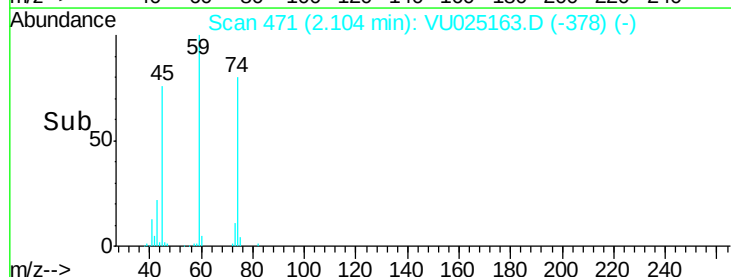
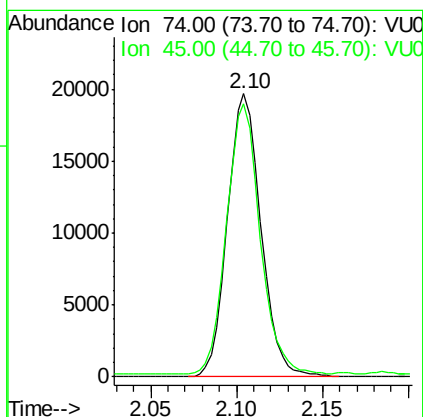
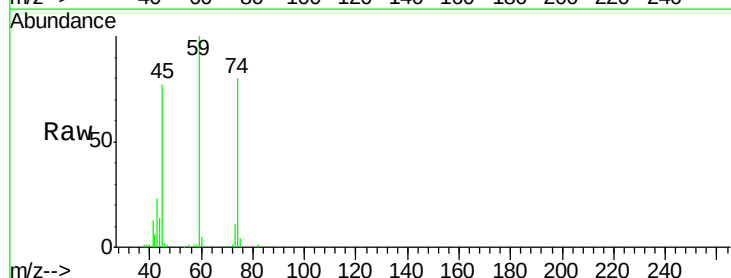
Tot Ion:101 Resp: 67344
Ion Ratio Lower Upper
101 100
103 63.2 52.3 78.5

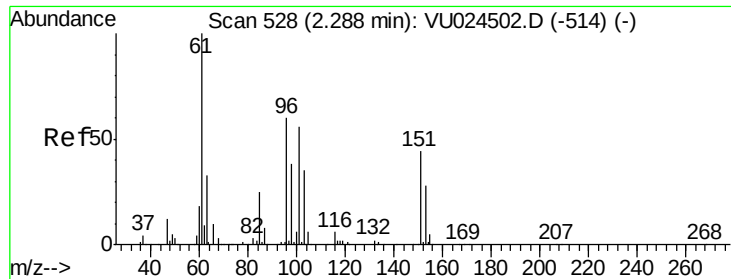


#8

Diethyl Ether
Concen: 23.323 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 74 Resp: 26609
Ion Ratio Lower Upper
74 100
45 95.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.736 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

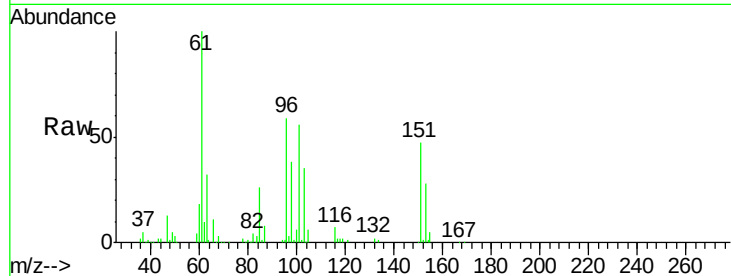
Tot Ion:101 Resp: 39352

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

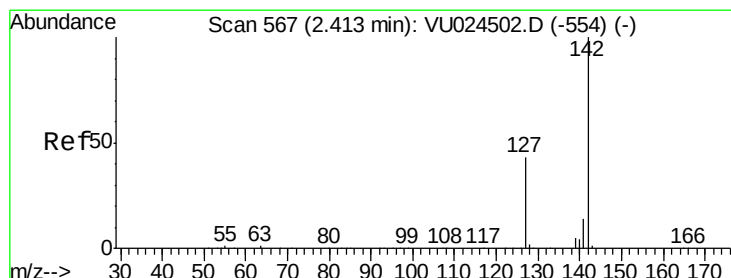
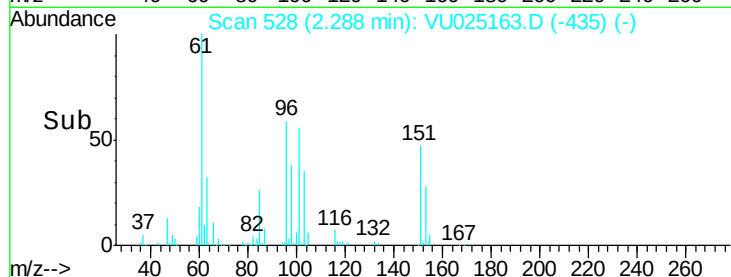
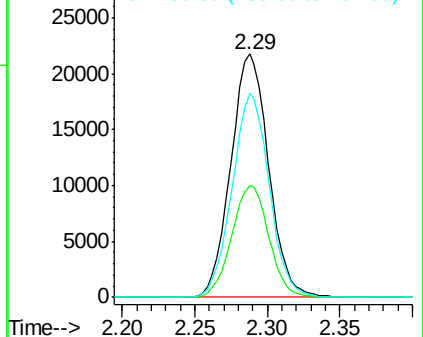
151 82.0 62.3 93.5



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: 27.613 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

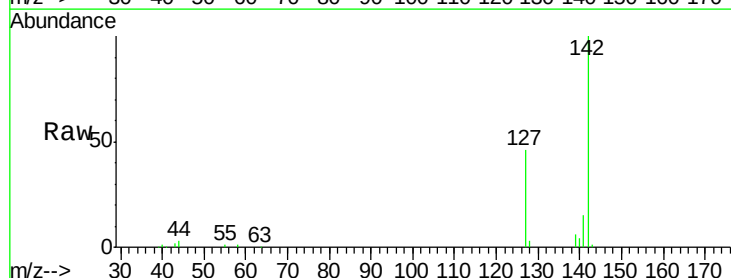
Tgt Ion:142 Resp: 42129

Ion Ratio Lower Upper

142 100

127 45.7 35.6 53.4

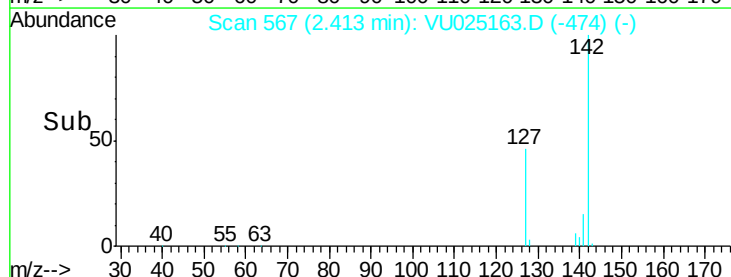
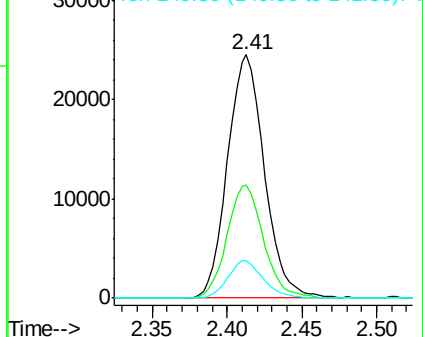
141 14.6 11.7 17.5

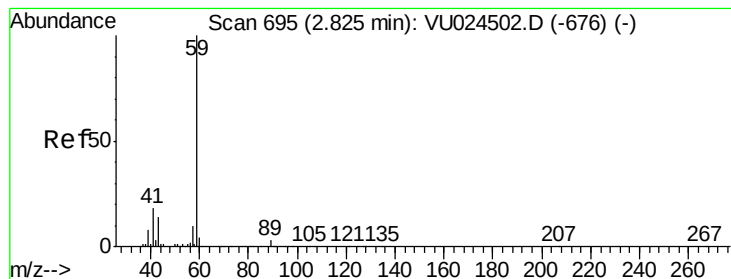


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



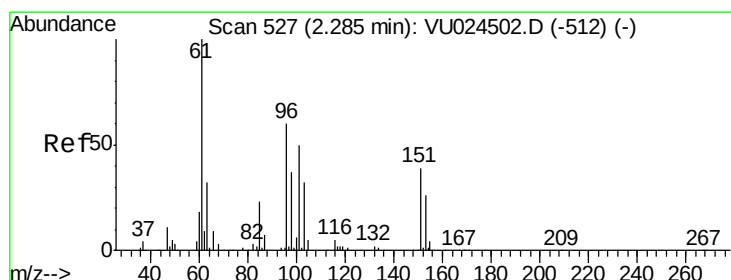
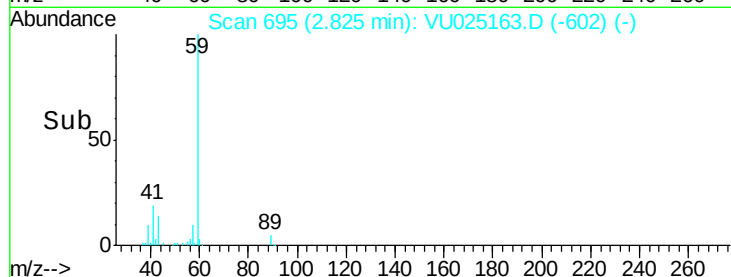
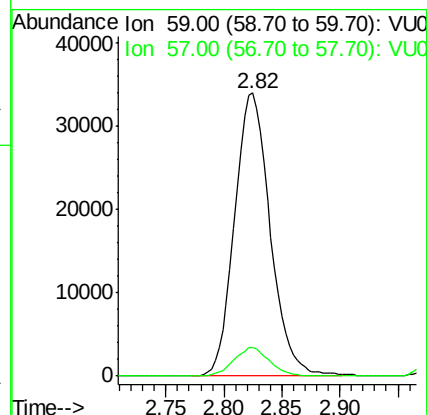
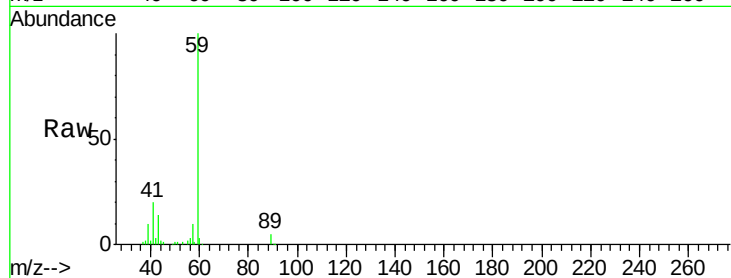


#11

Tert butyl alcohol
 Concen: 113.947 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

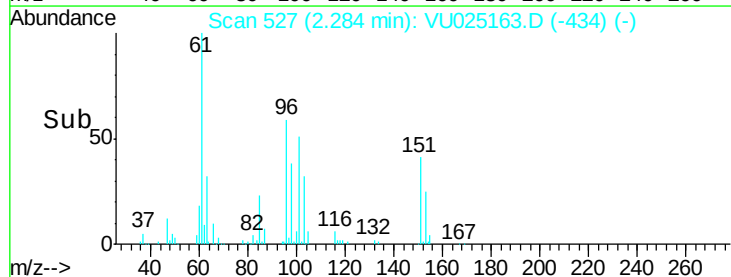
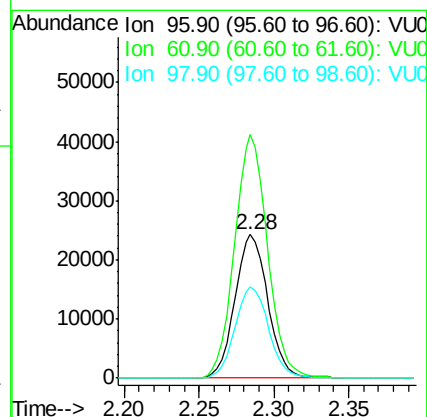
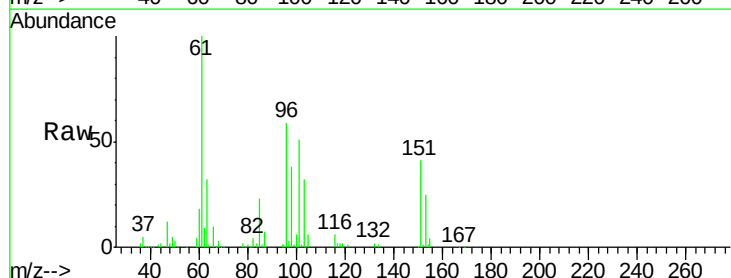
Tot Ion: 59 Resp: 72250
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

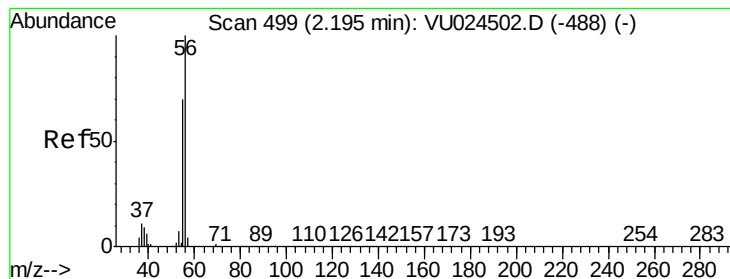


#12

1,1-Dichloroethene
 Concen: 20.465 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion: 96 Resp: 37213
 Ion Ratio Lower Upper
 96 100
 61 169.5 141.7 212.5
 98 63.9 51.6 77.4





#13

Acrolein

Concen: 52.045 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

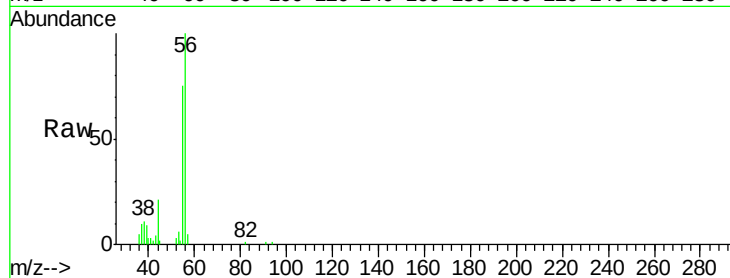
VU0702WBS03

Tot Ion: 56 Resp: 17329

Ion Ratio Lower Upper

56 100

55 71.2 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

12000

10000

8000

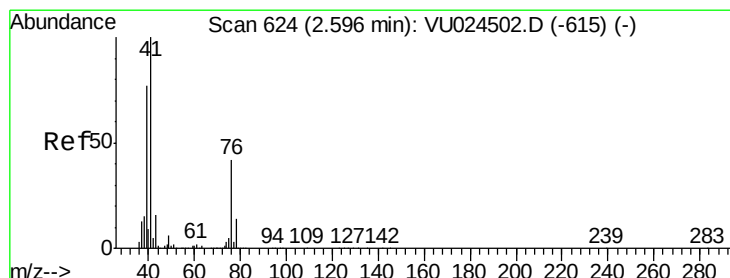
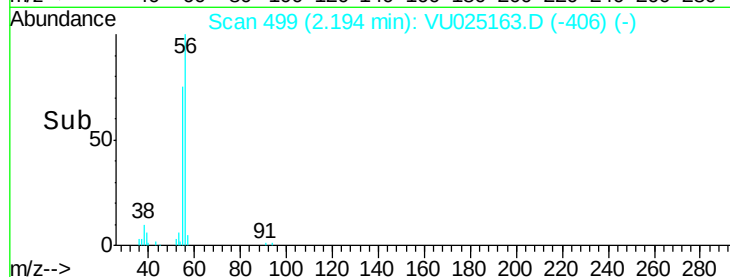
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 18.418 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

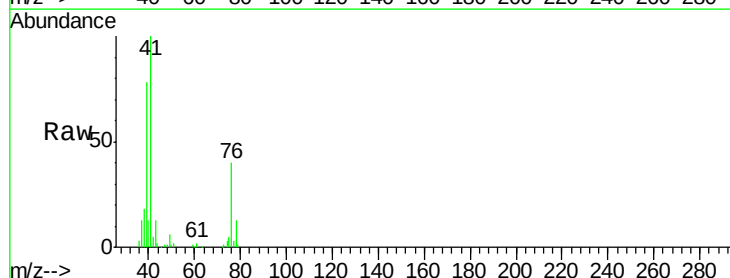
Tgt Ion: 41 Resp: 62183

Ion Ratio Lower Upper

41 100

39 76.0 61.6 92.4

76 37.2 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

40000

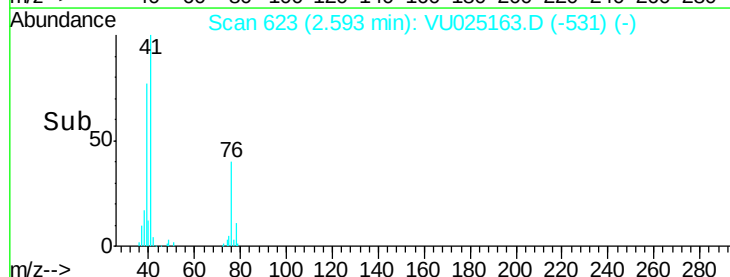
30000

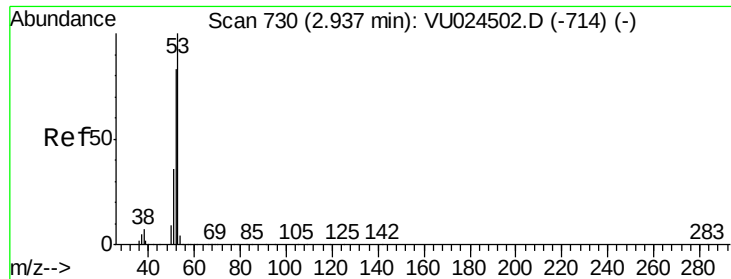
20000

10000

0

Time--> 2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 111.267 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

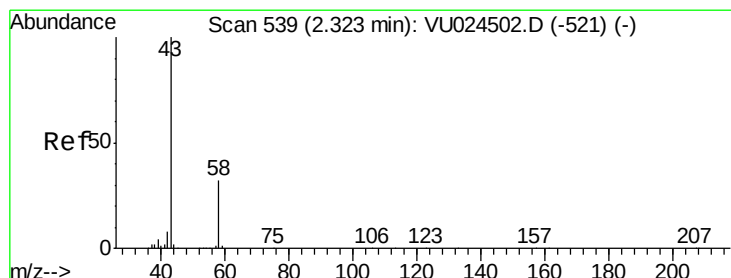
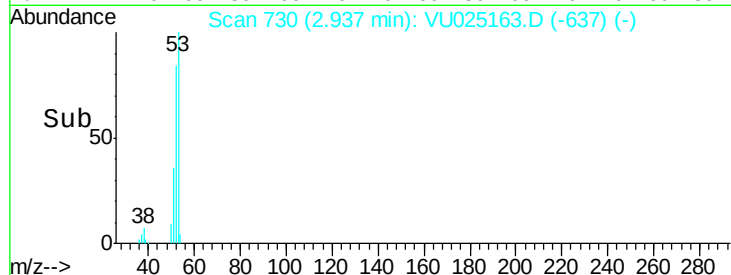
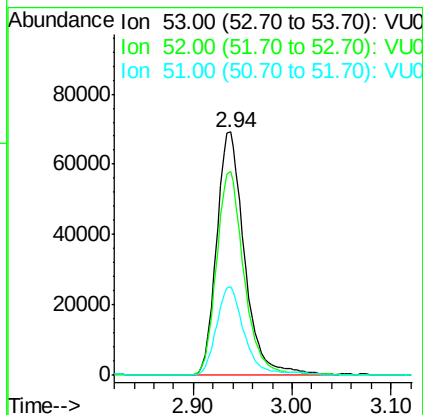
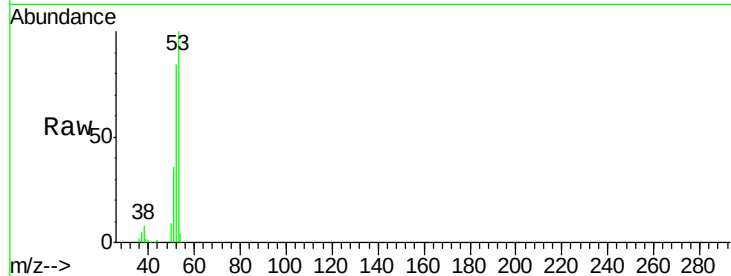
Tot Ion: 53 Resp: 137265

Ion Ratio Lower Upper

53 100

52 82.4 67.1 100.7

51 36.9 28.4 42.6



#16

Acetone

Concen: 96.627 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025163.D

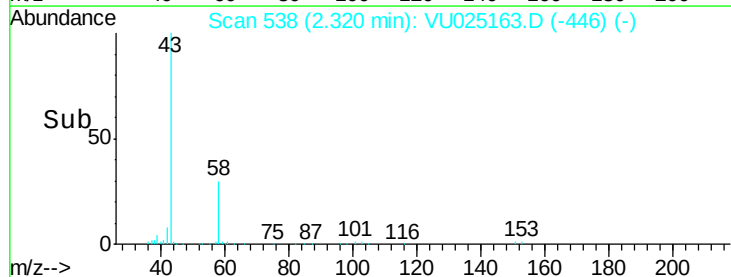
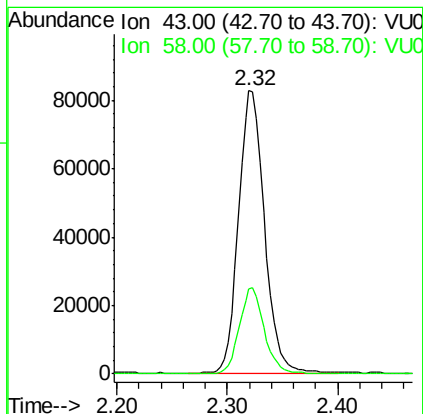
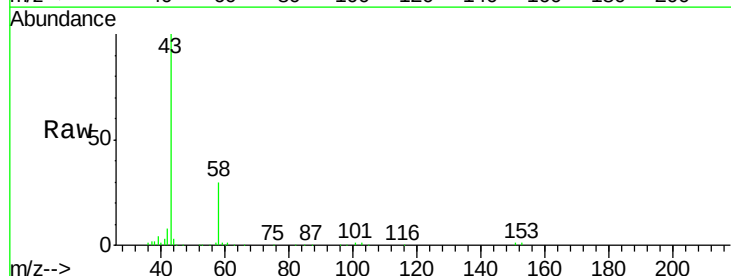
Acq: 03 Jul 2018 00:10

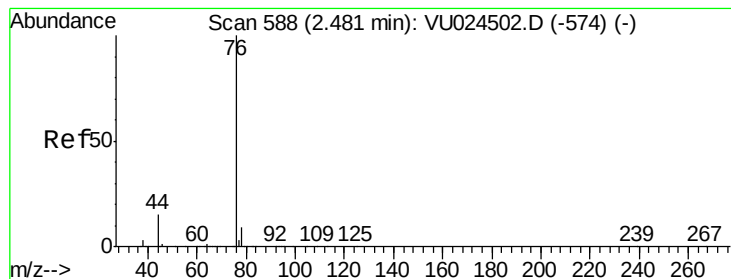
Tgt Ion: 43 Resp: 135354

Ion Ratio Lower Upper

43 100

58 29.9 24.4 36.6





#17

Carbon Disulfide

Concen: 17.377 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

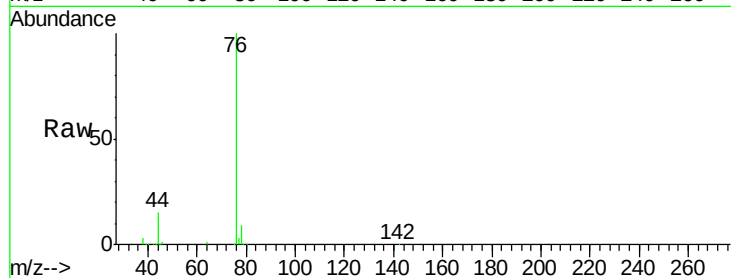
VU0702WBS03

Tot Ion: 76 Resp: 101180

Ion Ratio Lower Upper

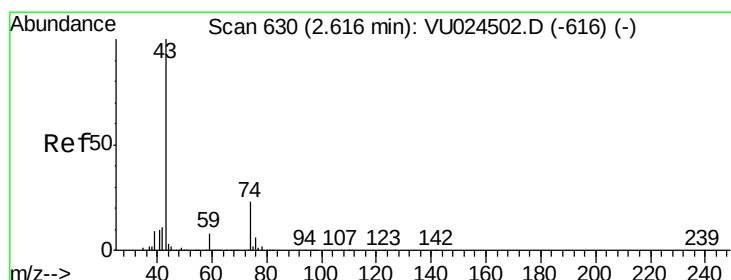
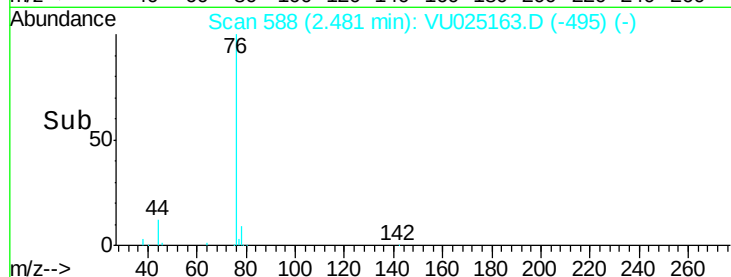
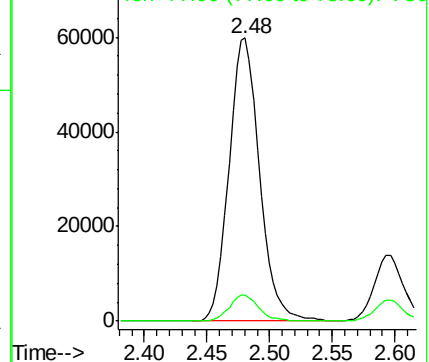
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 28.545 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025163.D

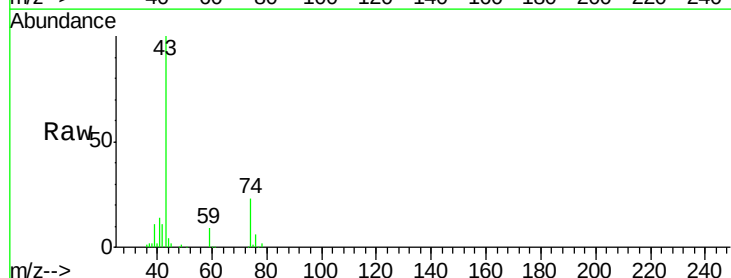
Acq: 03 Jul 2018 00:10

Tgt Ion: 43 Resp: 85720

Ion Ratio Lower Upper

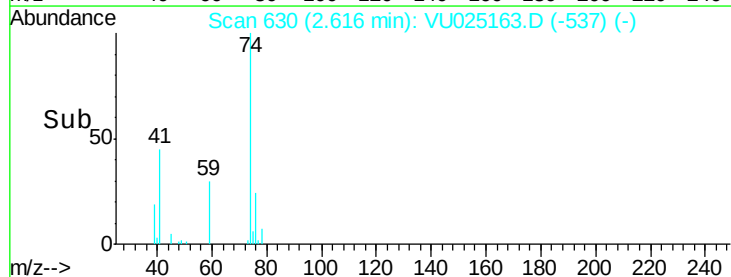
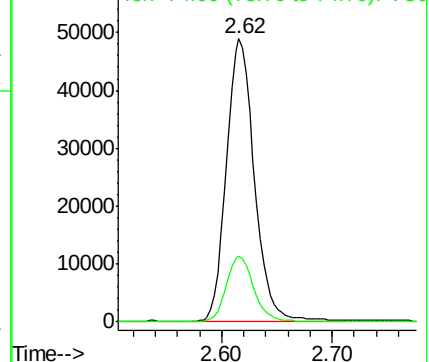
43 100

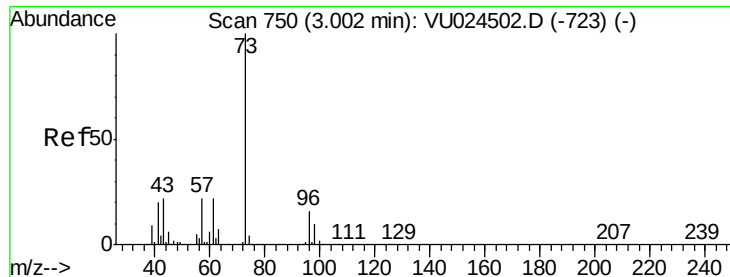
74 22.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

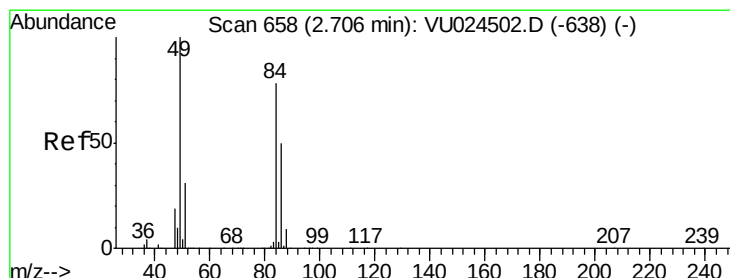
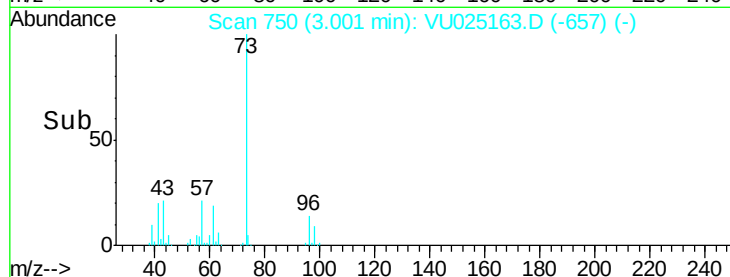
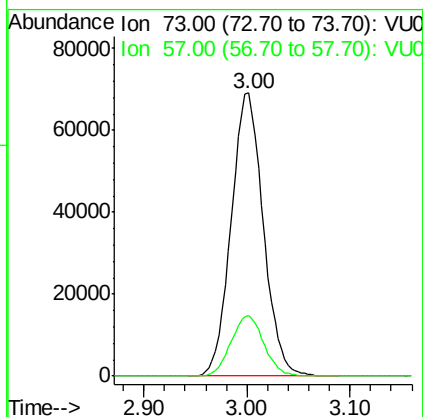
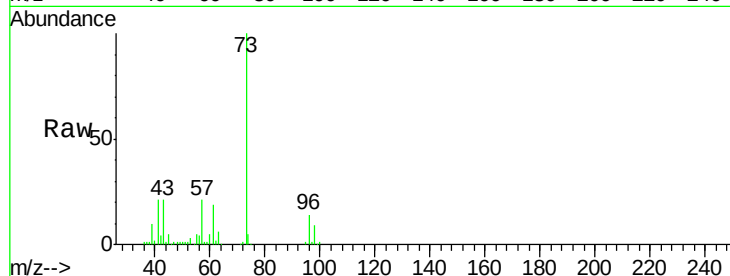




#19
Methvl tert-butvl Ether
Concen: 21.952 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

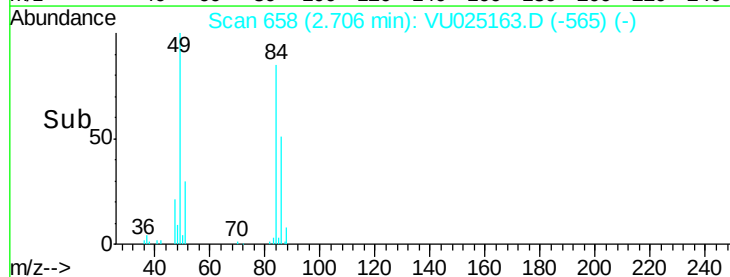
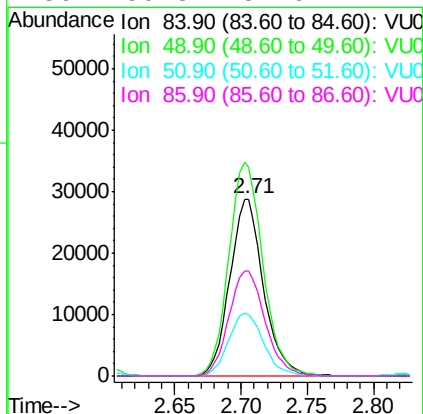
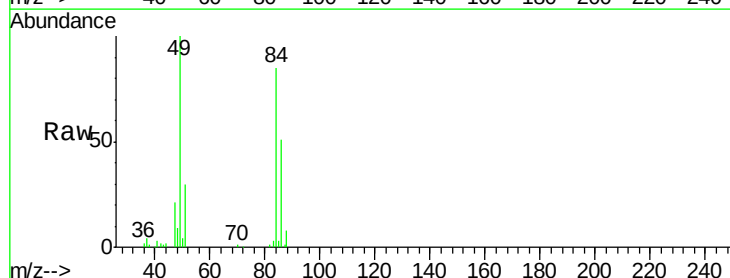
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

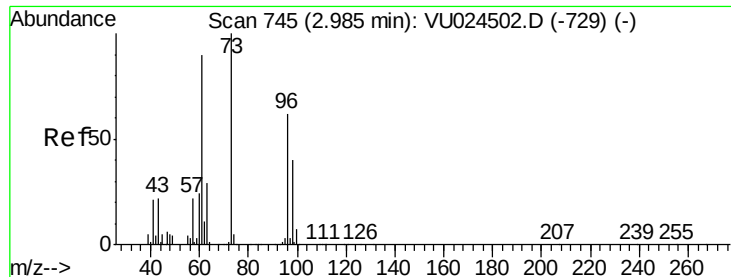
Tot Ion: 73 Resp: 150049
Ion Ratio Lower Upper
73 100
57 21.5 18.8 28.2



#20
Methylene Chloride
Concen: 23.054 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 84 Resp: 50670
Ion Ratio Lower Upper
84 100
49 117.5 103.8 155.8
51 35.0 32.0 48.0
86 59.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 20.701 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

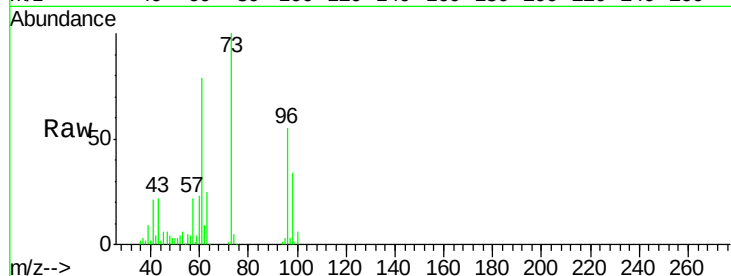
Tot Ion: 96 Resp: 41459

Ion Ratio Lower Upper

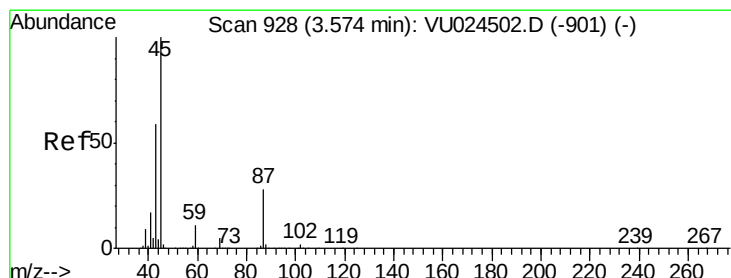
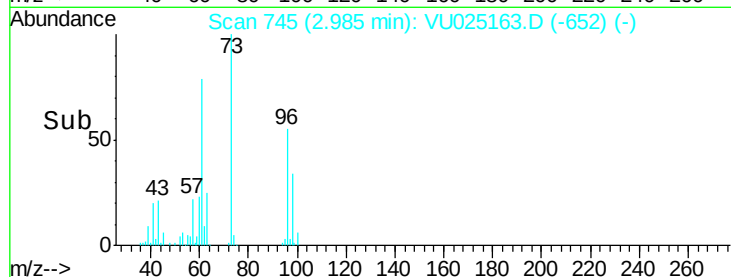
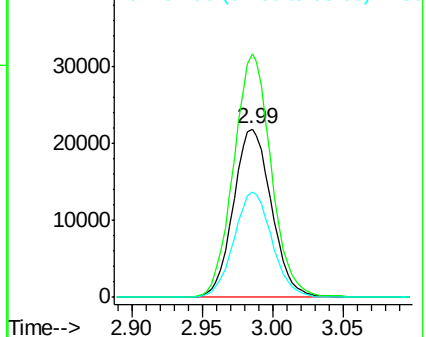
96 100

61 144.6 119.4 179.0

98 62.9 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: 21.523 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion: 45 Resp: 144050

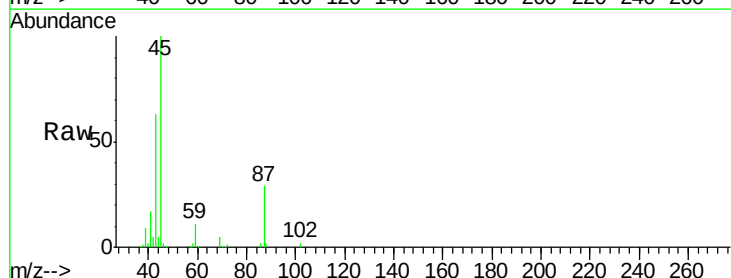
Ion Ratio Lower Upper

45 100

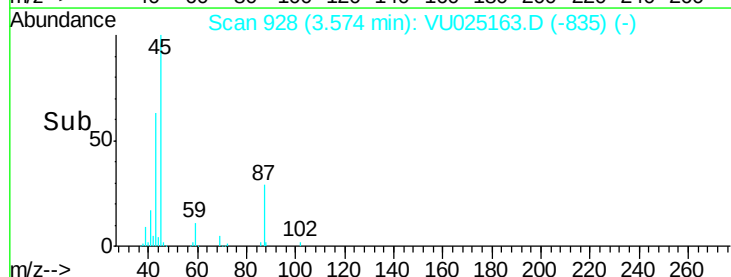
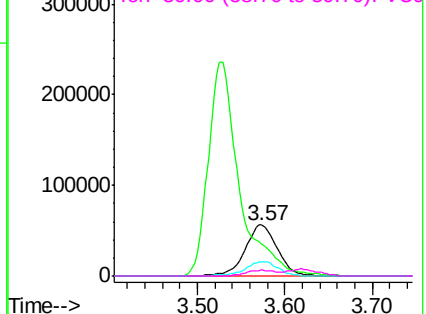
43 61.8 45.8 68.6

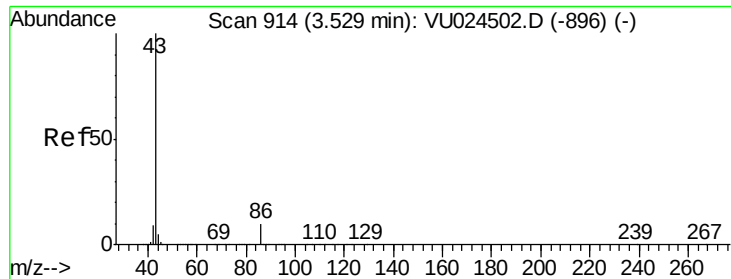
87 28.5 20.6 31.0

59 11.5 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: 97.105 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

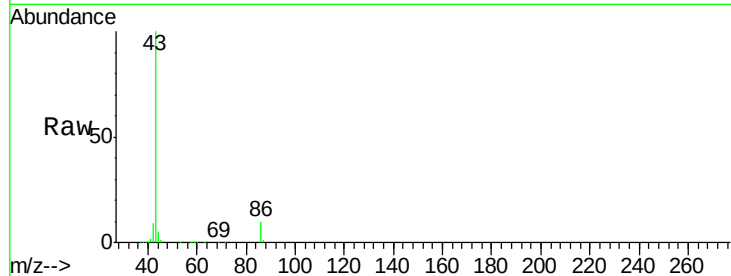
VU0702WBS03

Tot Ion: 43 Resp: 582190

Ion Ratio Lower Upper

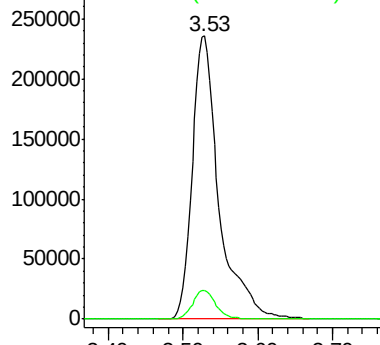
43 100

86 10.3 7.8 11.8

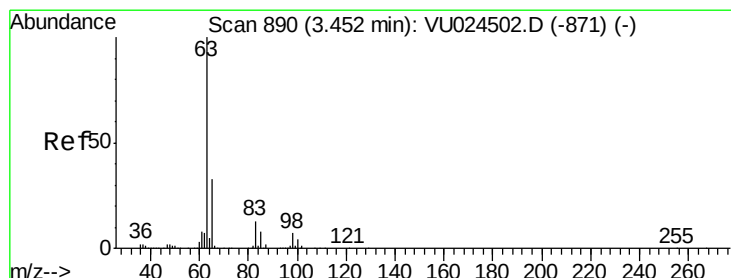
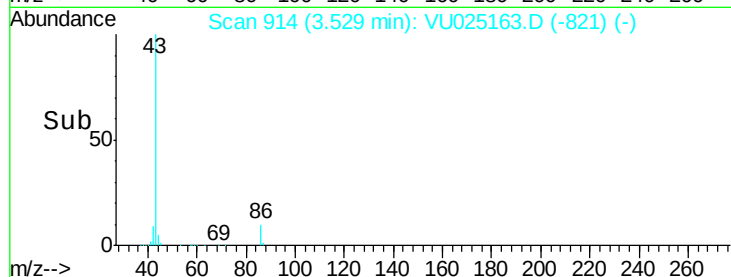


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



Time-->



#24

1,1-Dichloroethane

Concen: 21.255 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

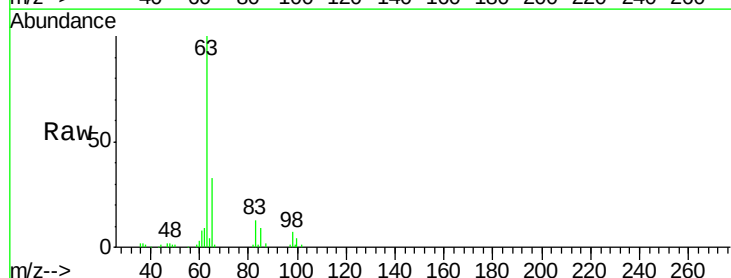
Tgt Ion: 63 Resp: 81836

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

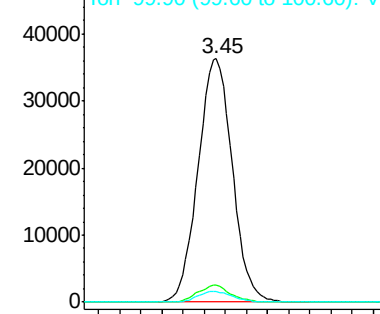
100 4.2 1.8 5.5



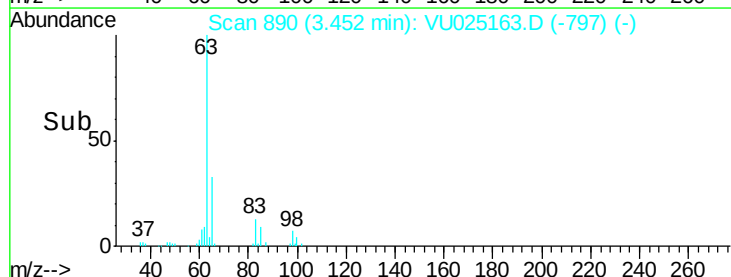
Abundance Ion 62.90 (62.60 to 63.60): VU0

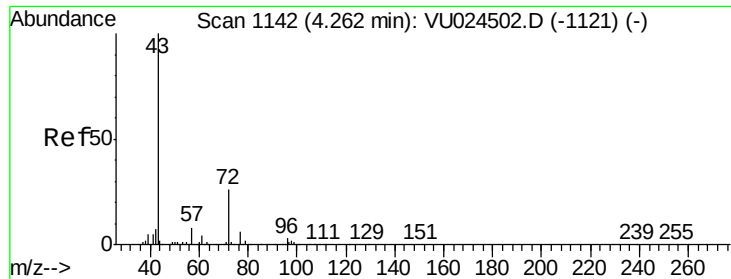
Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



Time-->

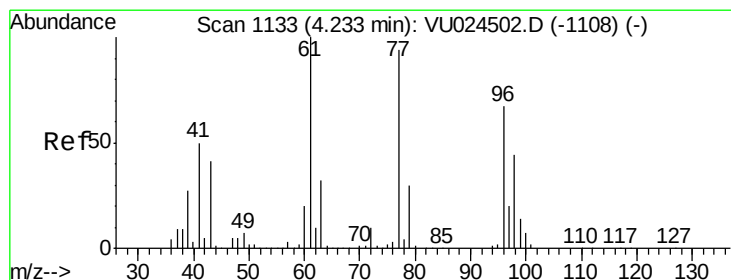
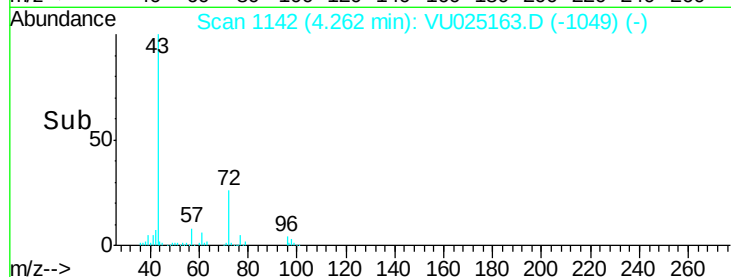
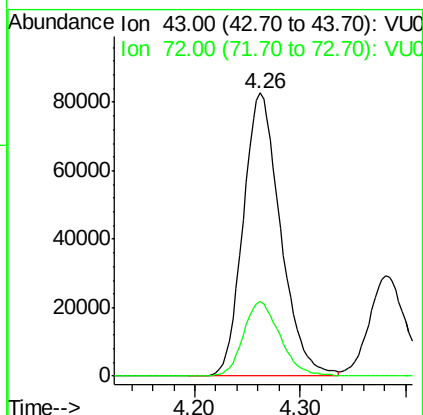
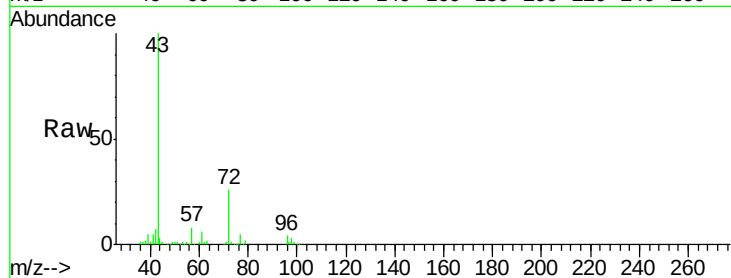




#25
2-Butanone
Concen: 107.383 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

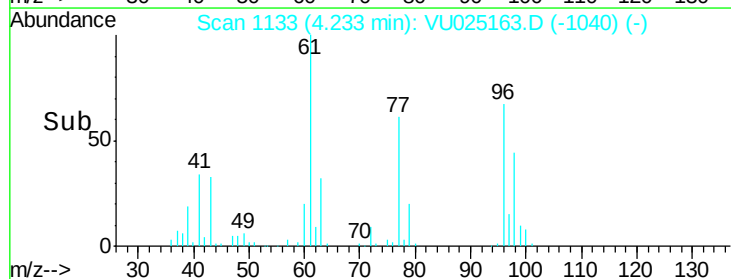
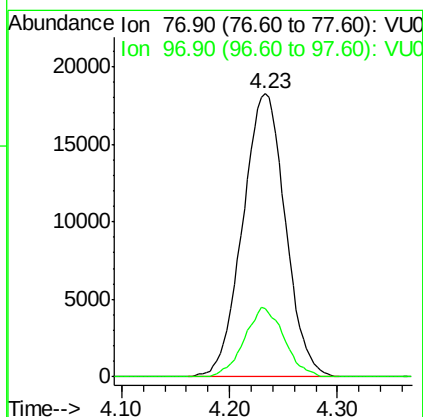
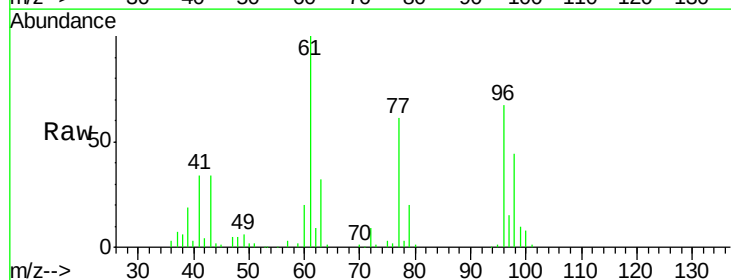
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

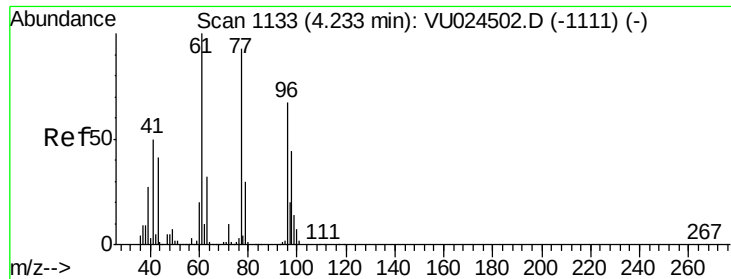
Tot Ion: 43 Resp: 202049
Ion Ratio Lower Upper
43 100
72 26.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 13.740 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 77 Resp: 50232
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8

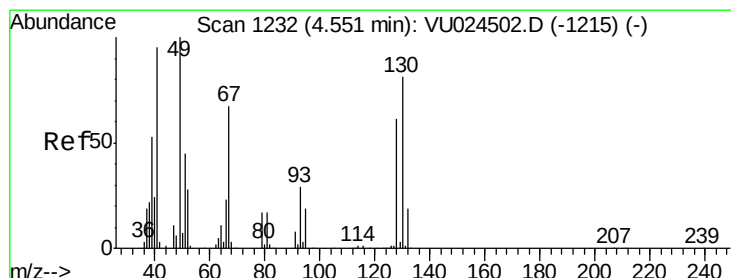
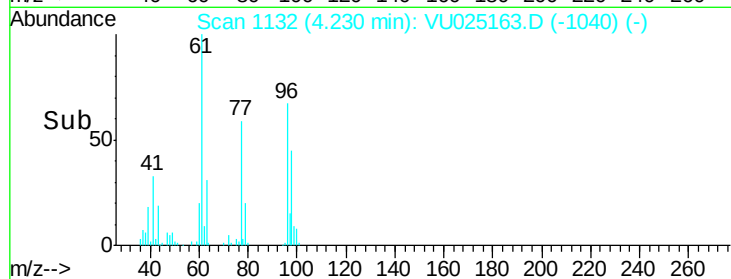
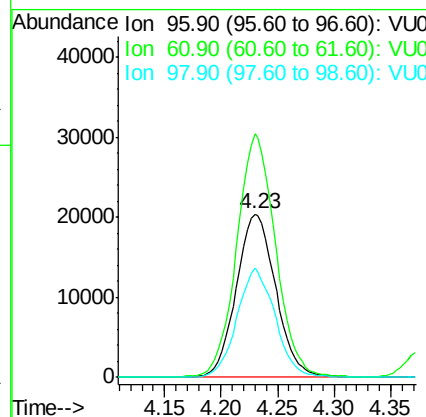
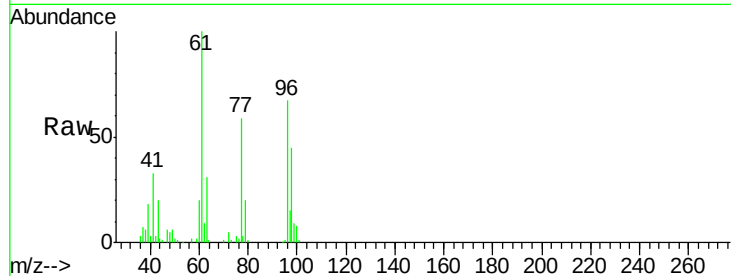




#27
 cis-1,2-Dichloroethene
 Concen: 21.451 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

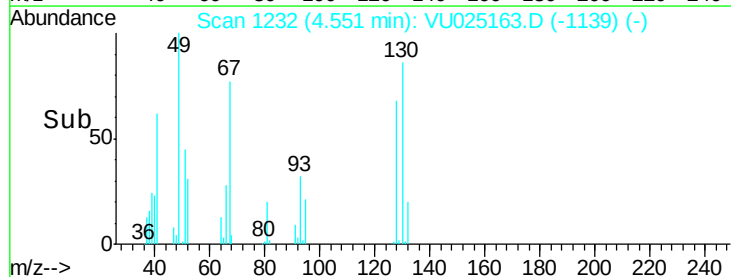
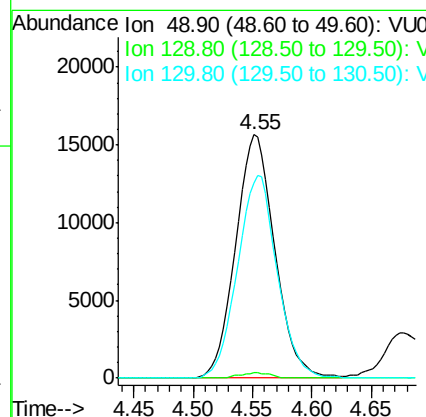
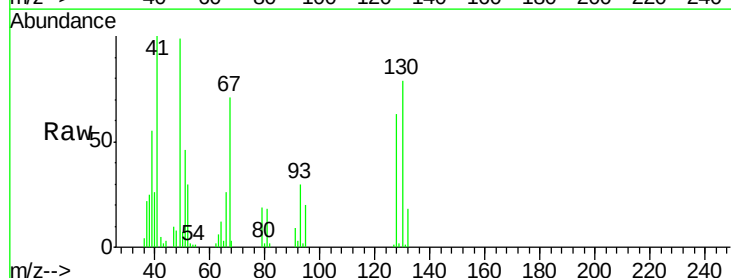
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

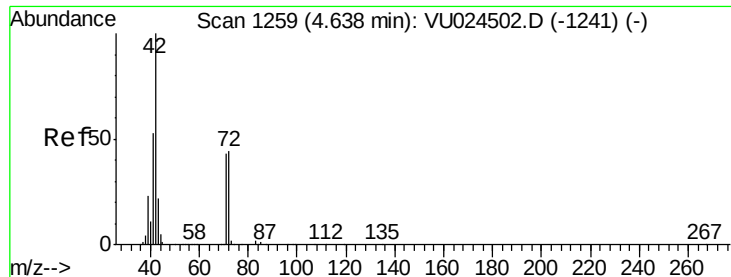
Tot Ion: 96 Resp: 49391
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 306.6
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.042 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion: 49 Resp: 35686
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 84.1 57.8 86.6





#29

Tetrahydrofuran

Concen: 109.596 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

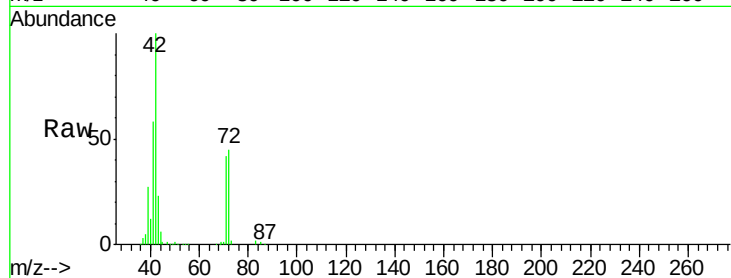
Tot Ion: 42 Resp: 127701

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

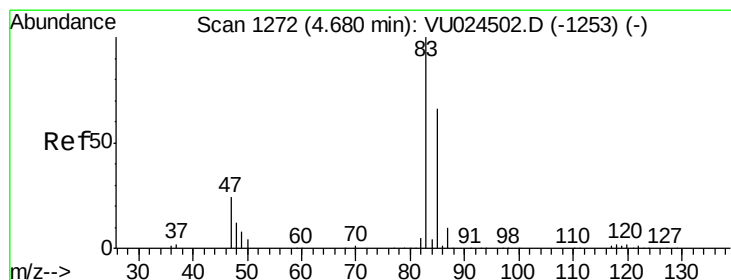
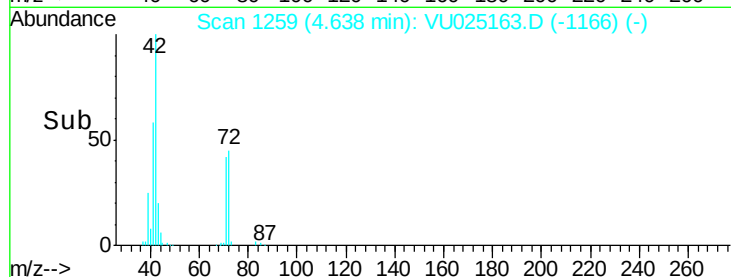
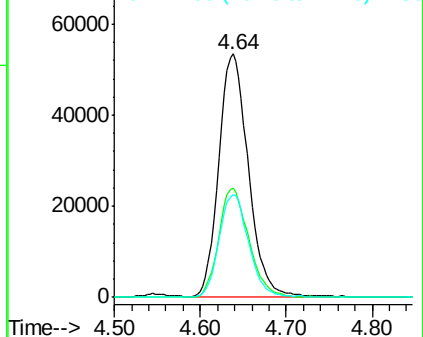
71 42.2 32.2 48.4



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: 21.943 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VU025163.D

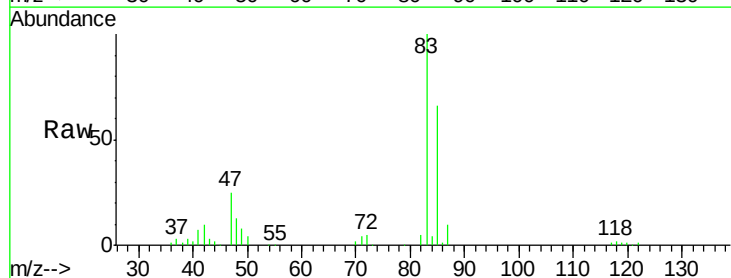
Acq: 03 Jul 2018 00:10

Tgt Ion: 83 Resp: 85513

Ion Ratio Lower Upper

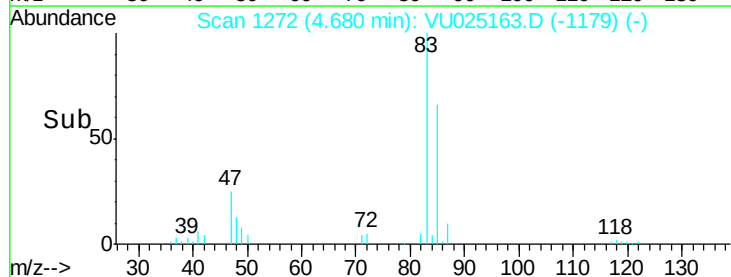
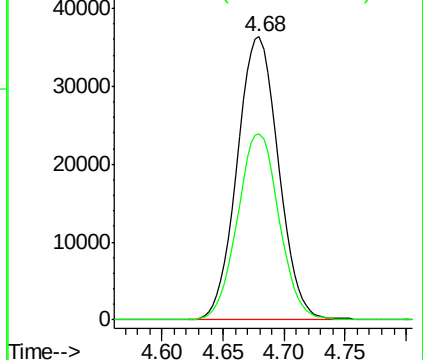
83 100

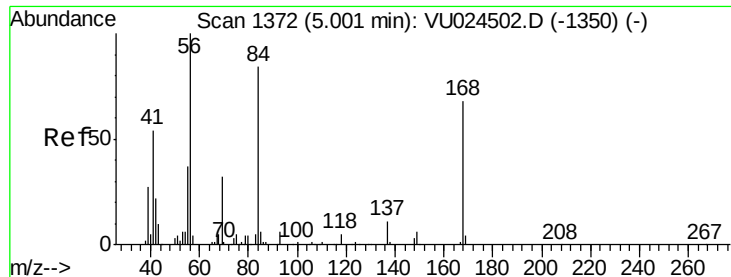
85 65.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

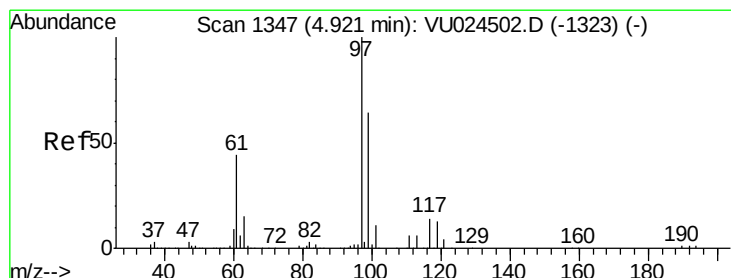
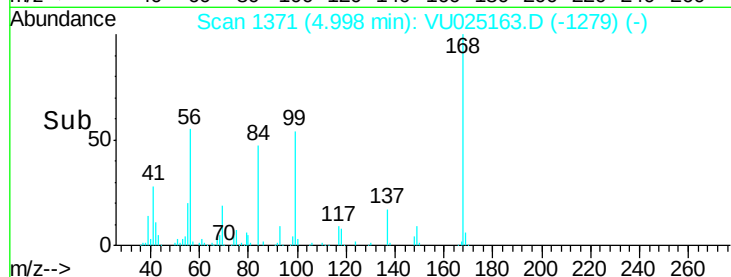
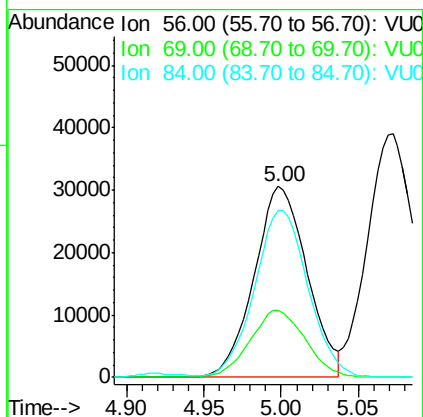
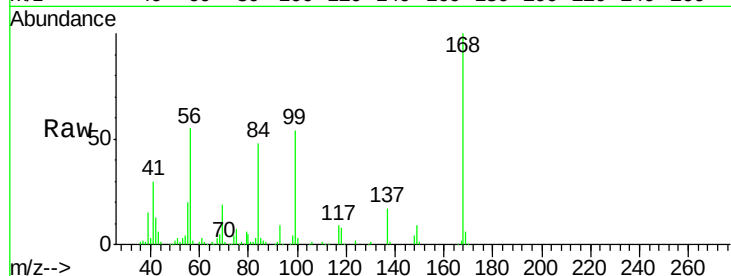




#31
Cyclohexane
Concen: 20.134 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

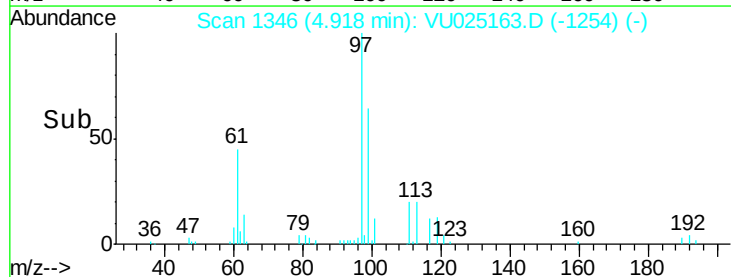
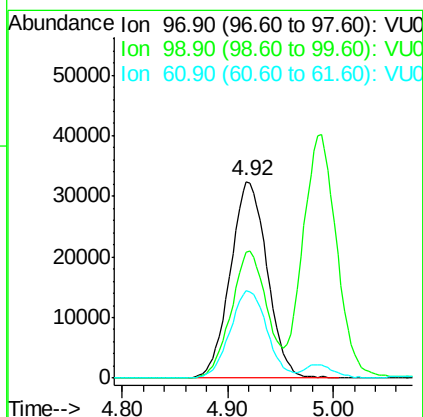
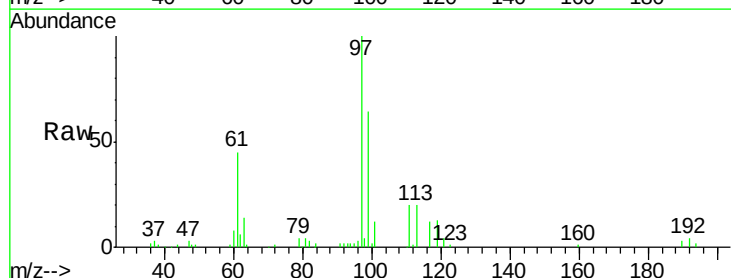
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

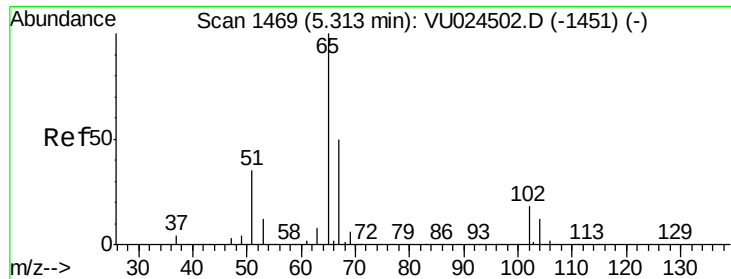
Tot Ion: 56 Resp: 72872
Ion Ratio Lower Upper
56 100
69 35.4 24.8 37.2
84 86.2 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 21.775 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 97 Resp: 78471
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.6
61 44.7 39.4 59.0

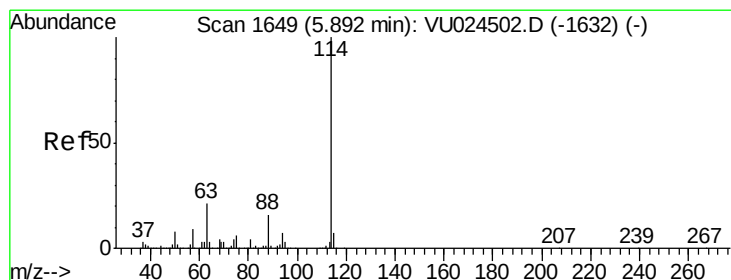
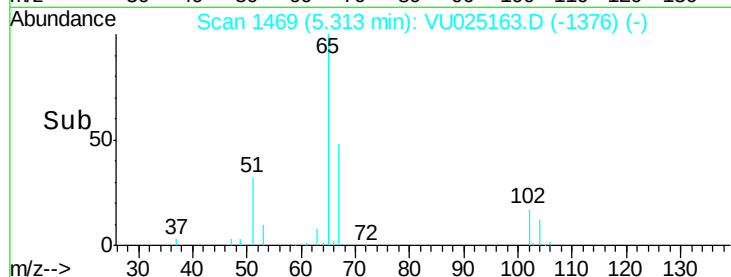
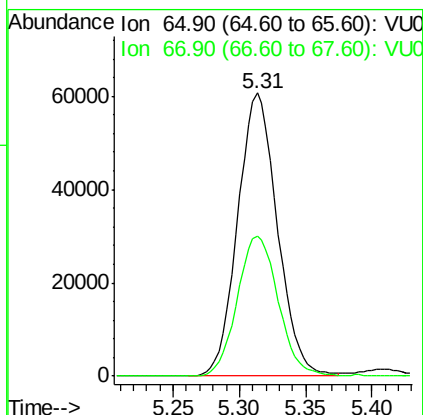
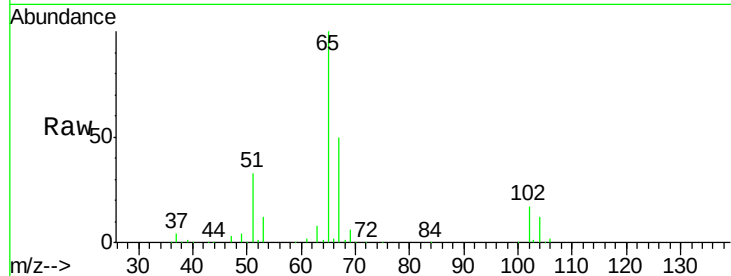




#33
 1,2-Dichloroethane-d4
 Concen: 48.502 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

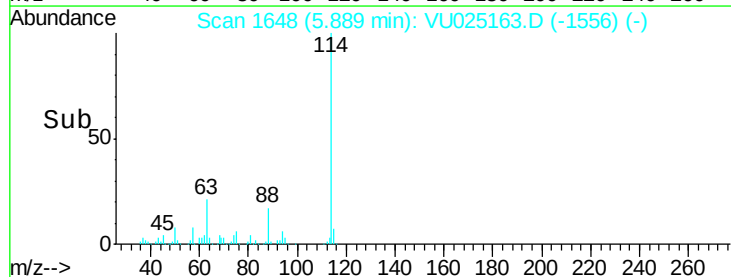
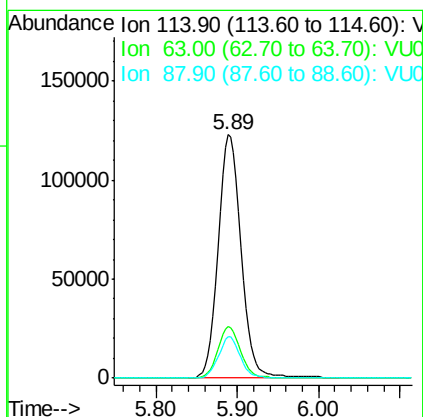
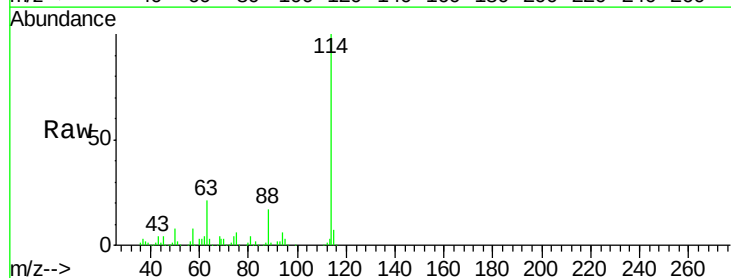
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

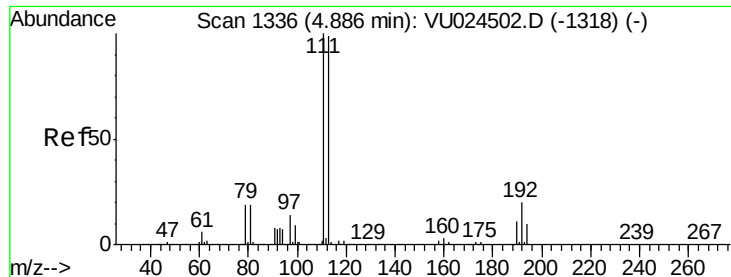
Tot Ion: 65 Resp: 126449
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion: 114 Resp: 246761
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 17.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.320 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

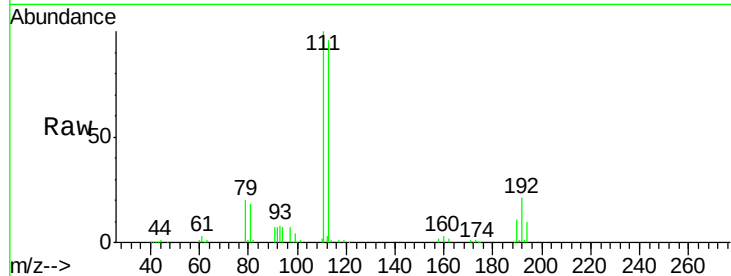
Tot Ion:113 Resp: 103052

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

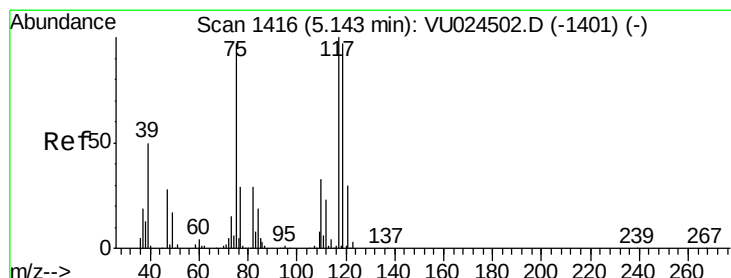
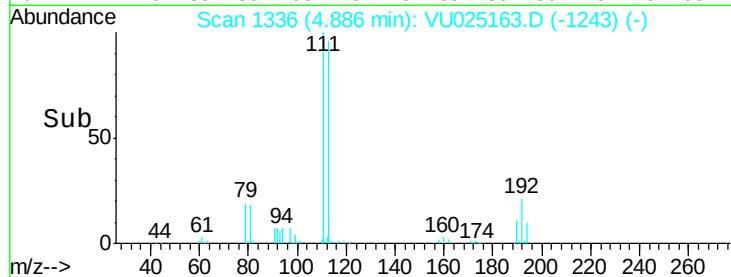
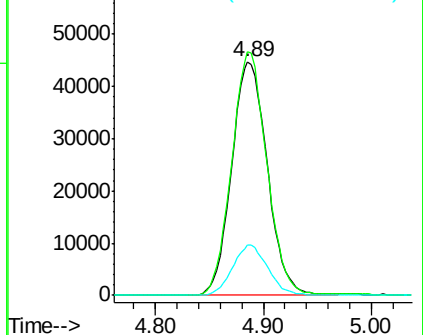
192 21.1 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.533 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

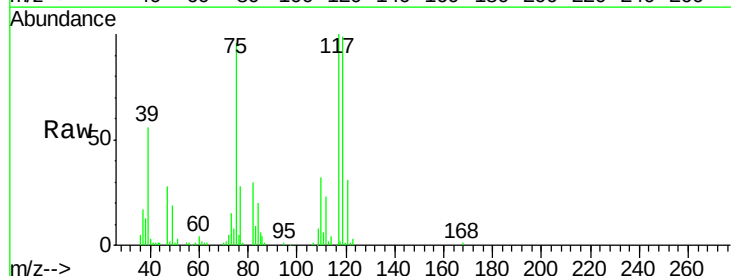
Tgt Ion: 75 Resp: 59539

Ion Ratio Lower Upper

75 100

110 35.1 17.0 50.9

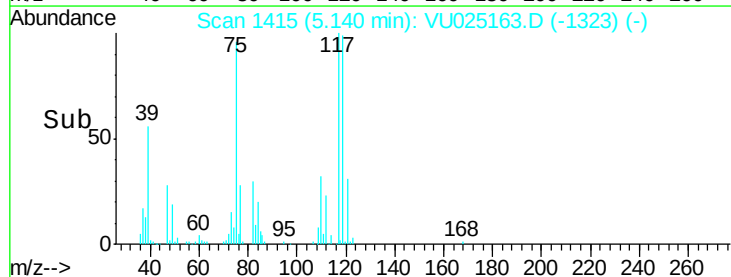
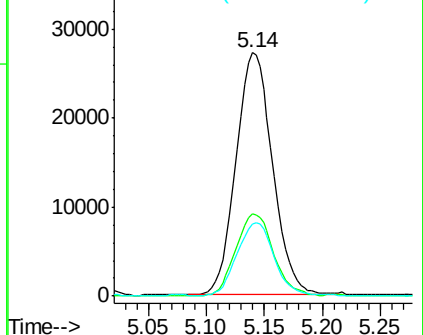
77 31.4 24.2 36.4

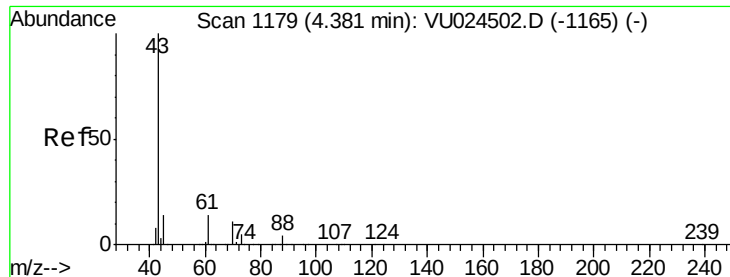


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

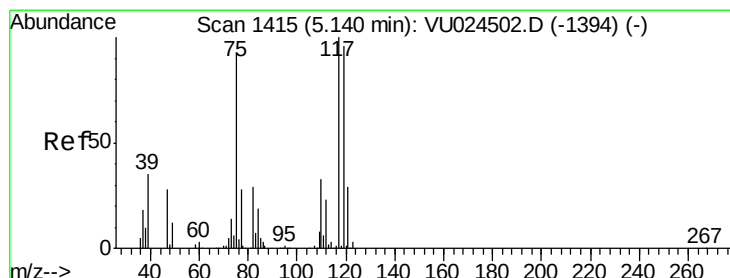
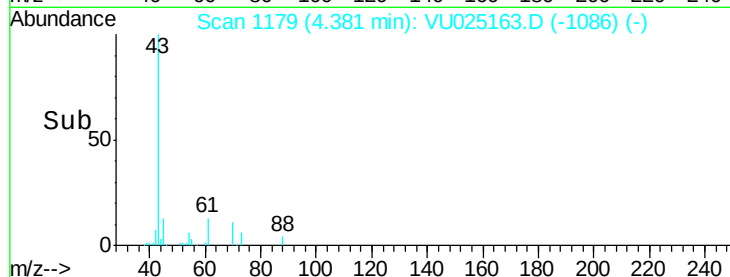
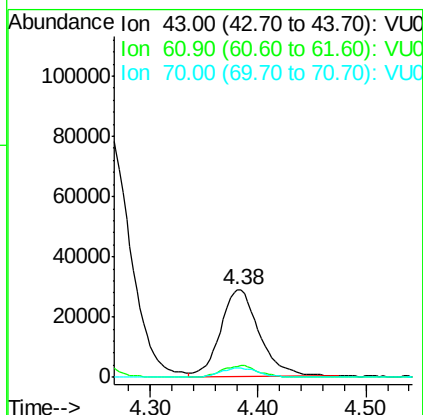
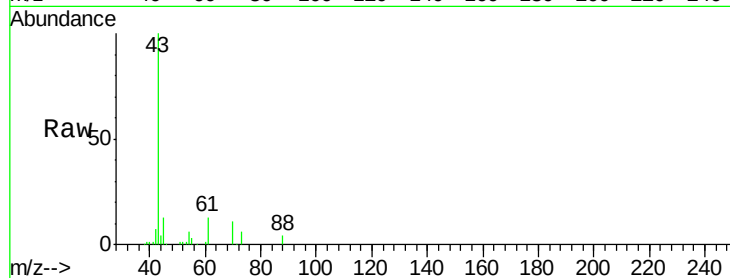




#37
Ethyl Acetate
Concen: 22.650 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

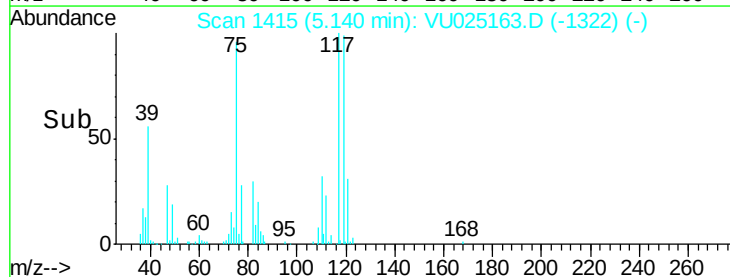
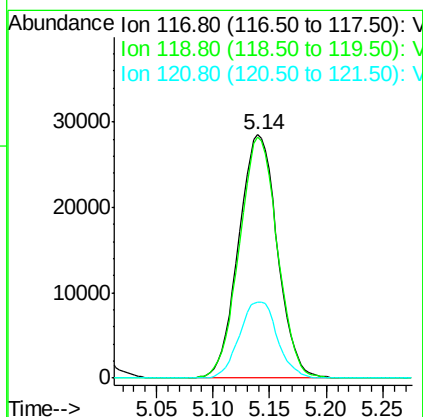
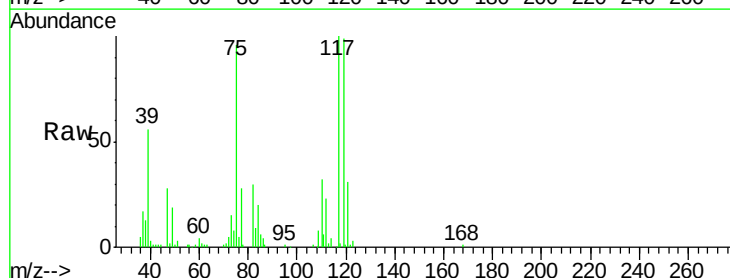
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

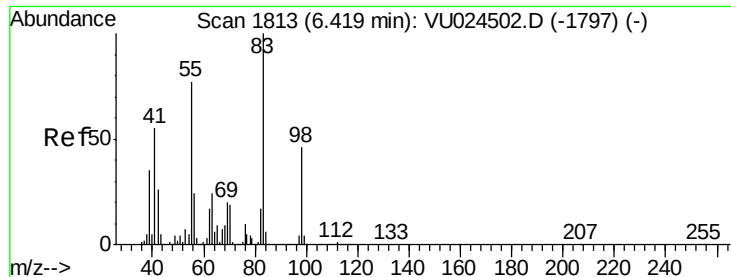
Tot Ion: 43 Resp: 71582
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 10.5 7.4 11.2



#38
Carbon Tetrachloride
Concen: 21.264 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 117 Resp: 67804
Ion Ratio Lower Upper
117 100
119 99.3 76.1 114.1
121 31.0 23.7 35.5

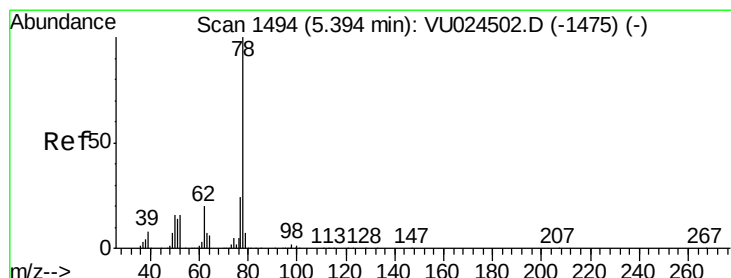
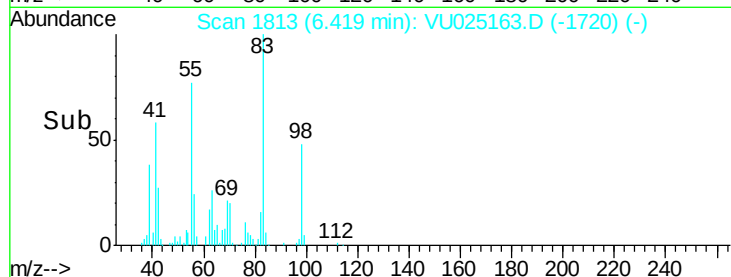
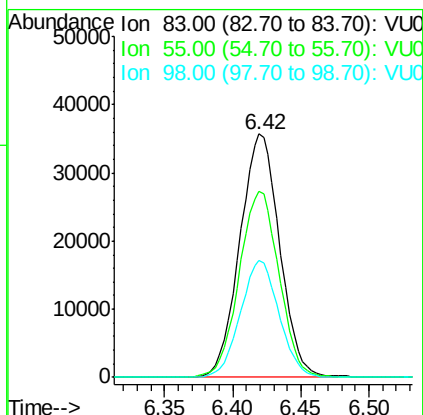
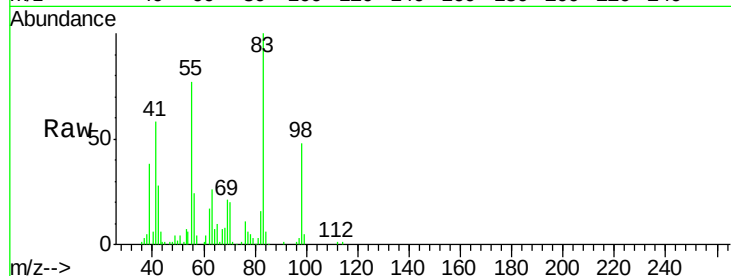




#39
Methylvlcyclohexane
Concen: 19.980 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

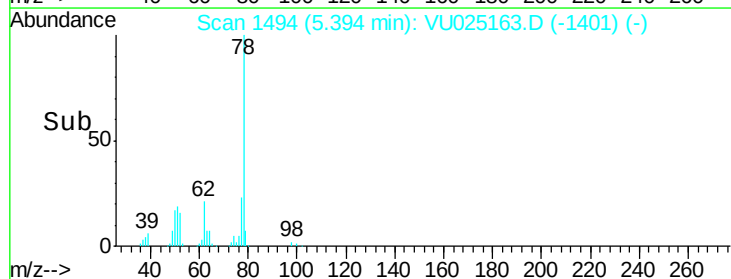
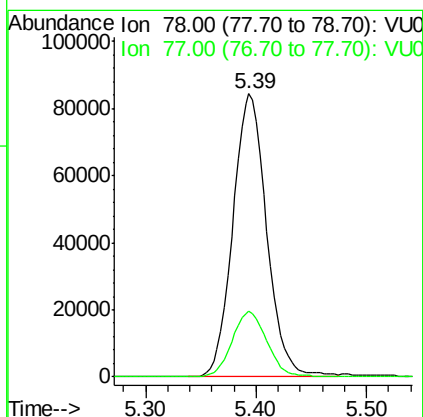
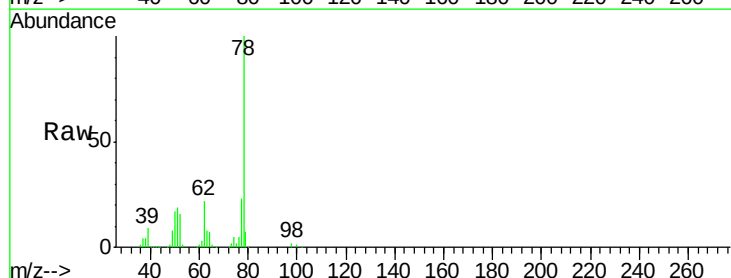
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

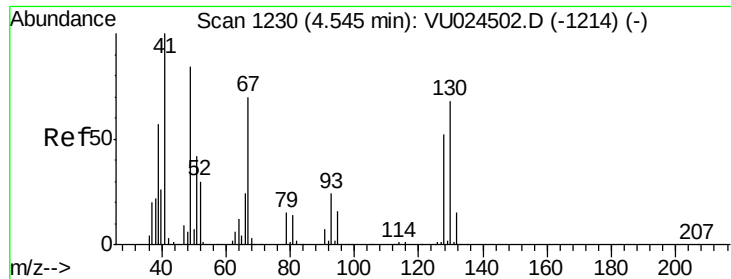
Tot Ion: 83 Resp: 72299
Ion Ratio Lower Upper
83 100
55 76.6 65.8 98.6
98 47.8 36.7 55.1



#40
Benzene
Concen: 21.657 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 78 Resp: 178940
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

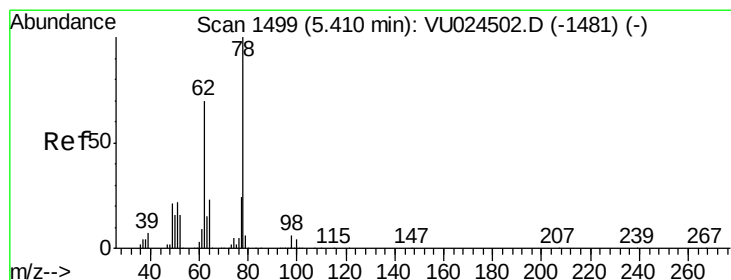
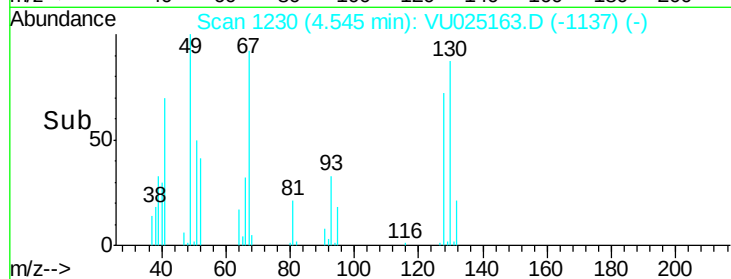
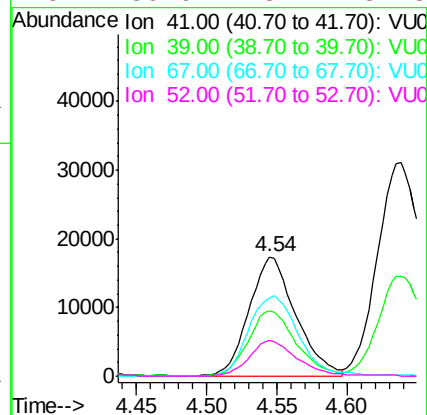
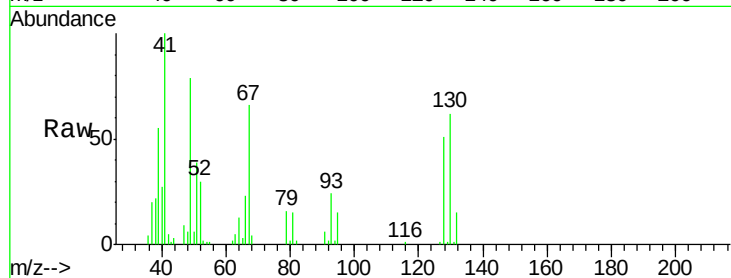




#41
Methacrylonitrile
Concen: 23.674 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

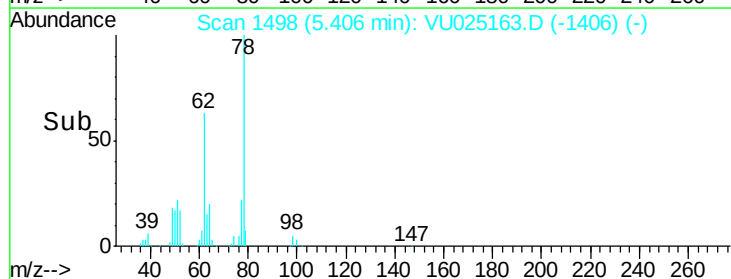
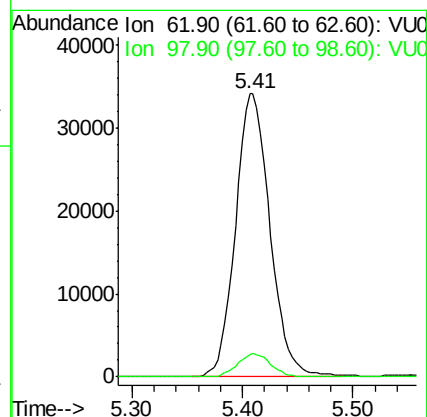
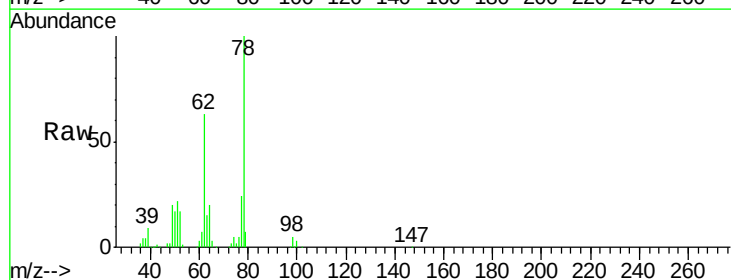
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

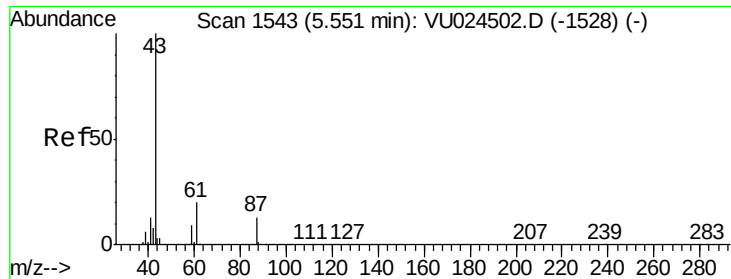
Tot Ion:	41	Resp:	40339
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.8	65.6
67	71.7	56.3	84.5
52	30.9	23.2	34.8



#42
1,2-Dichloroethane
Concen: 23.468 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion:	62	Resp:	73850
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 21.197 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

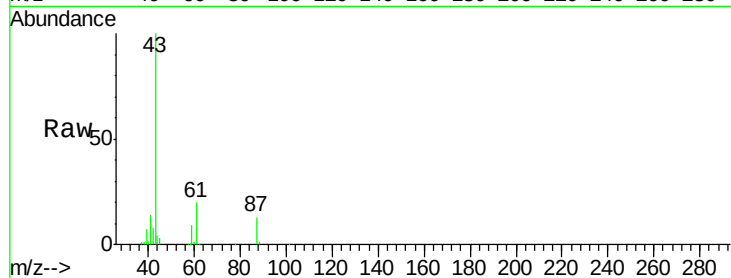
Tot Ion: 43 Resp: 115799

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

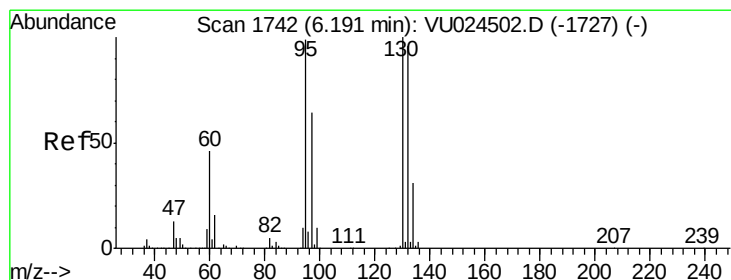
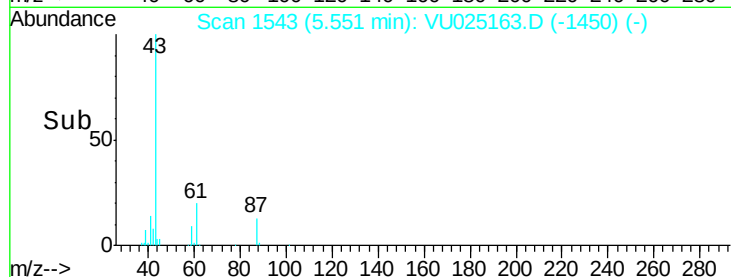
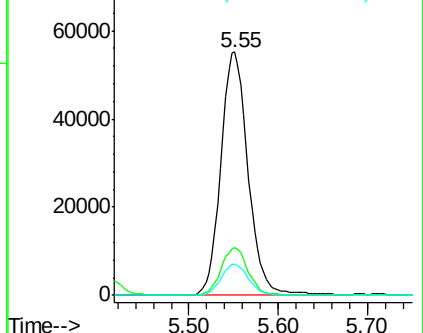
87 13.0 10.0 15.0



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

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

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



#44

Trichloroethene

Concen: 20.531 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025163.D

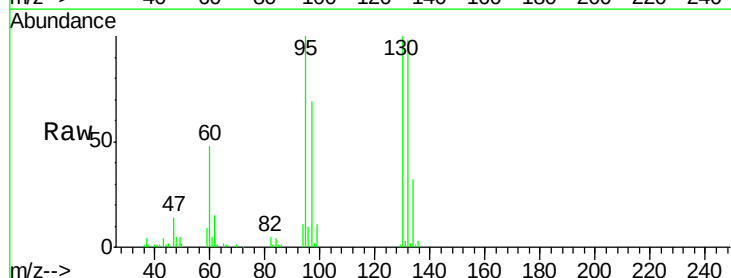
Acq: 03 Jul 2018 00:10

Tgt Ion: 130 Resp: 48277

Ion Ratio Lower Upper

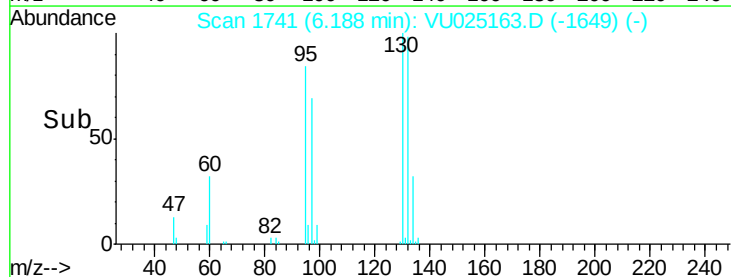
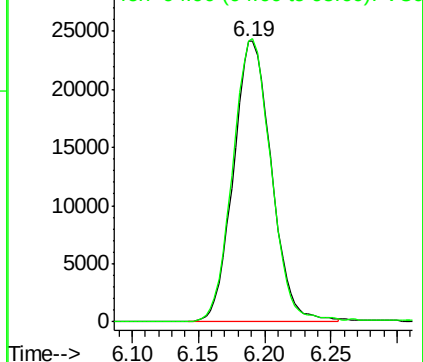
130 100

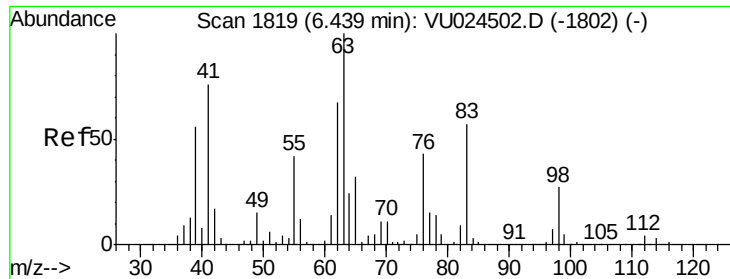
95 100.1 0.0 202.4



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

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





#45

1,2-Dichloropropane

Concen: 21.763 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

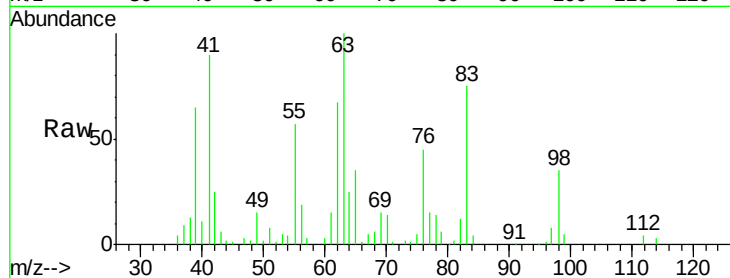
VU0702WBS03

Tot Ion: 63 Resp: 47978

Ion Ratio Lower Upper

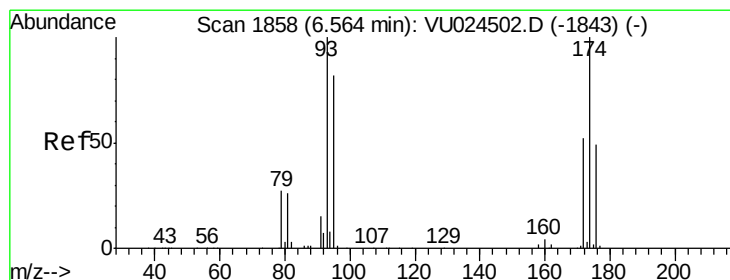
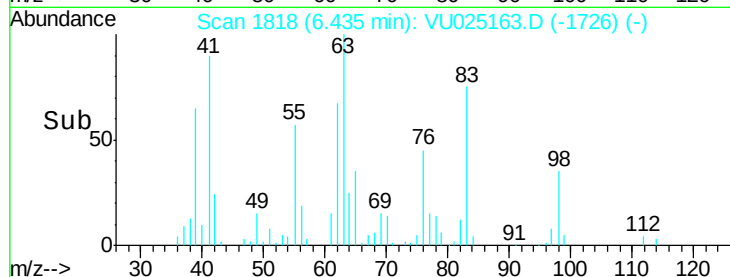
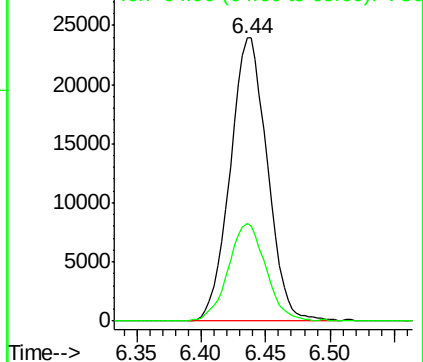
63 100

65 34.5 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: 22.002 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

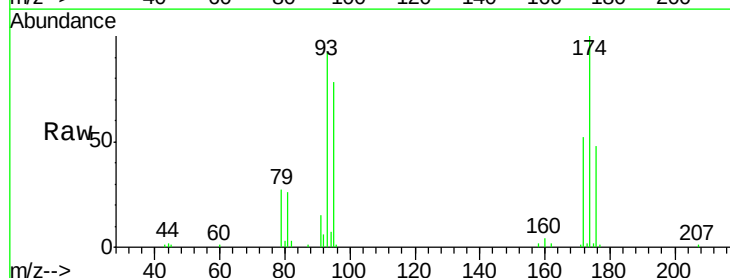
Tgt Ion: 93 Resp: 34071

Ion Ratio Lower Upper

93 100

95 85.5 65.5 98.3

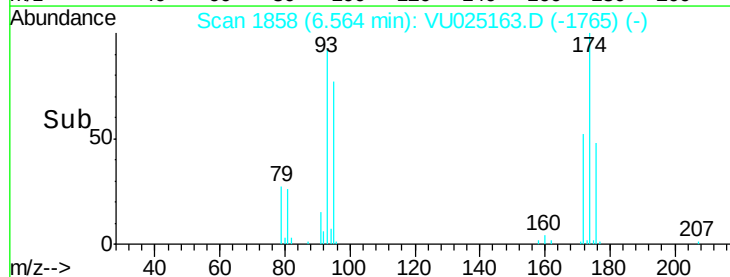
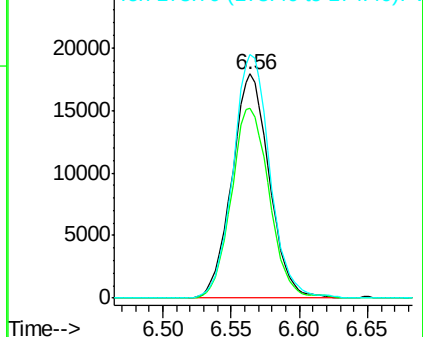
174 107.2 78.7 118.1

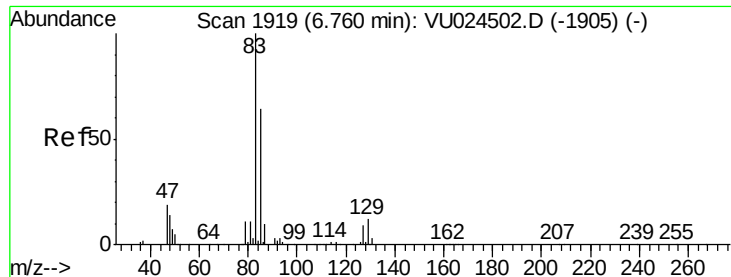


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

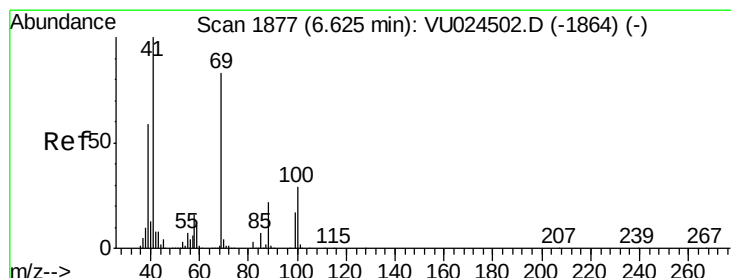
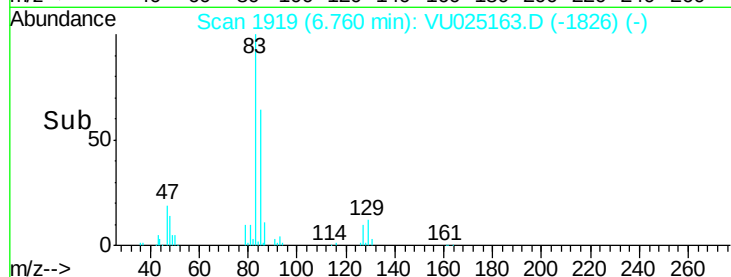
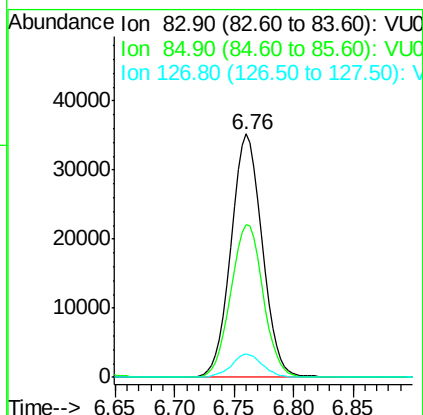
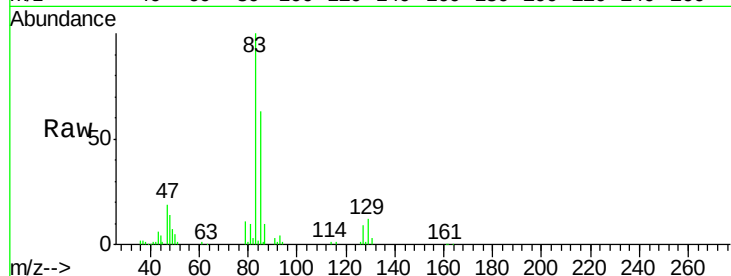




#47
Bromodichloromethane
Concen: 20.801 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

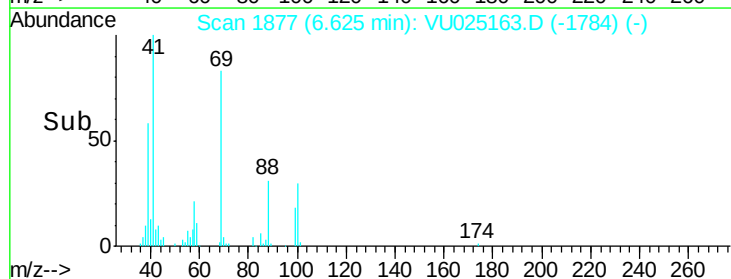
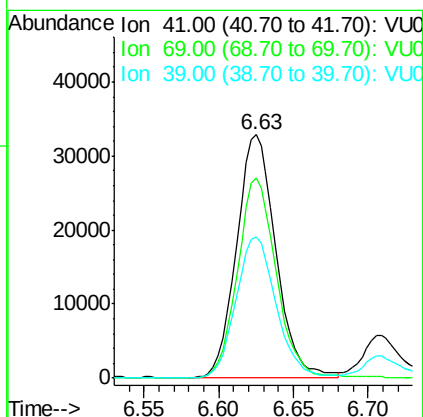
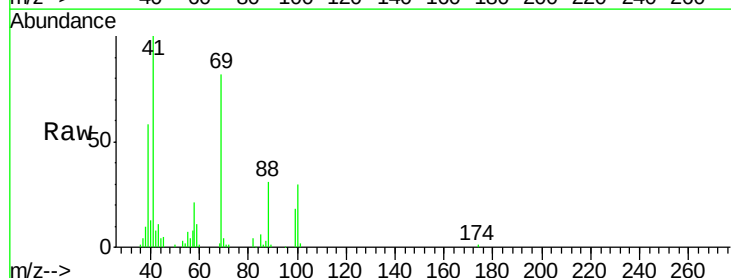
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

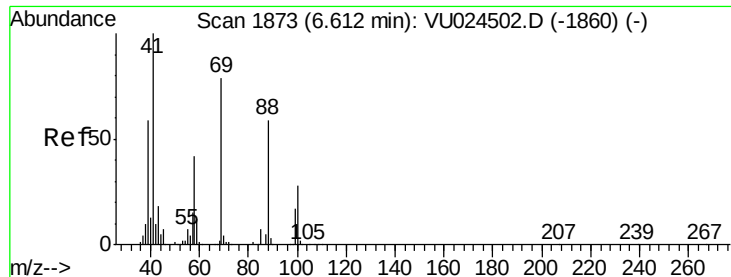
Tot Ion: 83 Resp: 64141
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9
127 9.5 6.6 9.8



#48
Methyl methacrylate
Concen: 22.632 ug/l
RT: 6.63 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 41 Resp: 60204
Ion Ratio Lower Upper
41 100
69 81.2 67.3 100.9
39 59.4 46.5 69.7





#49

1,4-Dioxane

Concen: 556.635 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

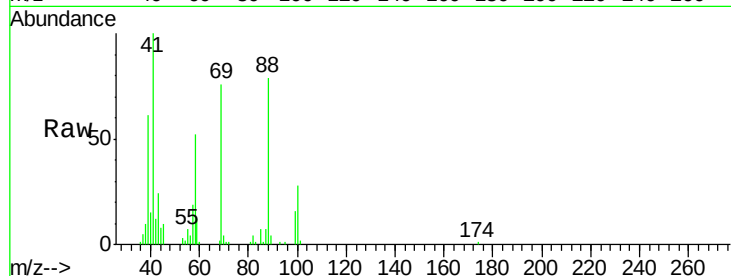
Tot Ion: 88 Resp: 28957

Ion Ratio Lower Upper

88 100

43 31.5 28.6 42.8

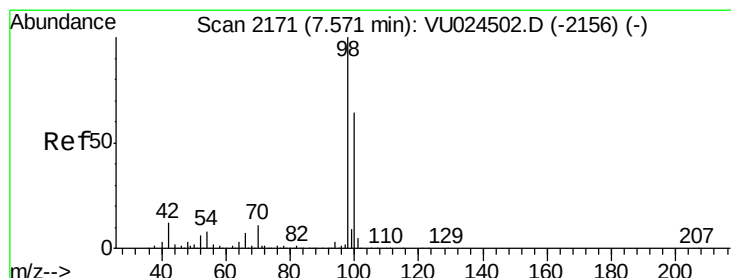
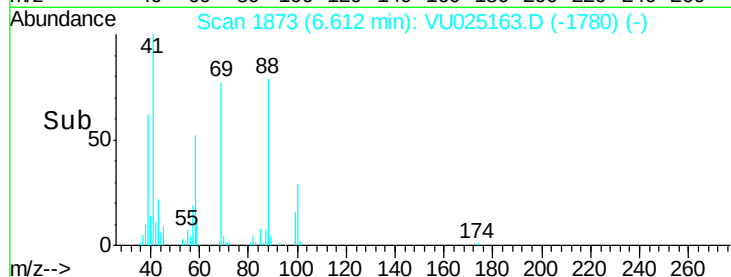
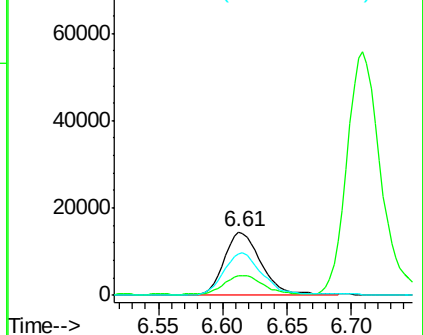
58 70.7 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU024502.D (-1860) (-)

Ion 43.00 (42.70 to 43.70): VU024502.D (-1860) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-1860) (-)



#50

Toluene-d8

Concen: 44.388 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025163.D

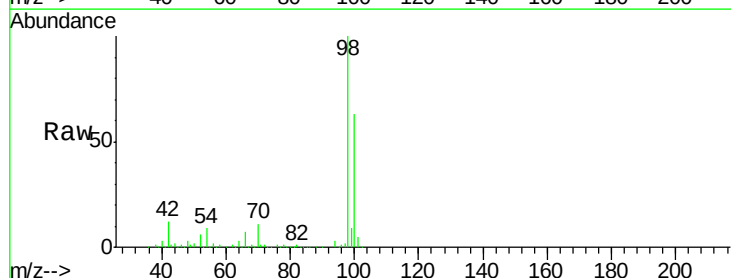
Acq: 03 Jul 2018 00:10

Tgt Ion: 98 Resp: 331580

Ion Ratio Lower Upper

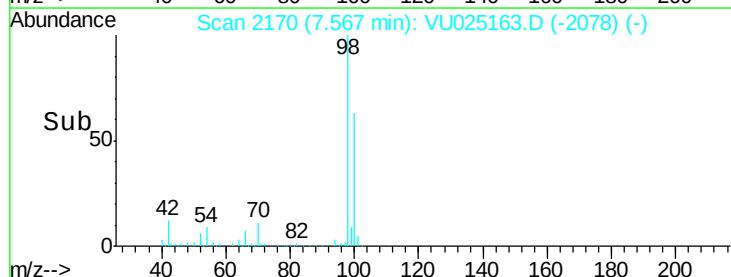
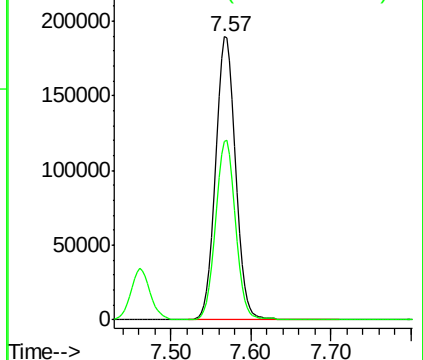
98 100

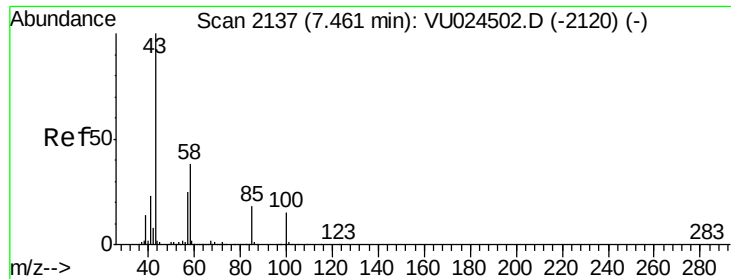
100 62.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

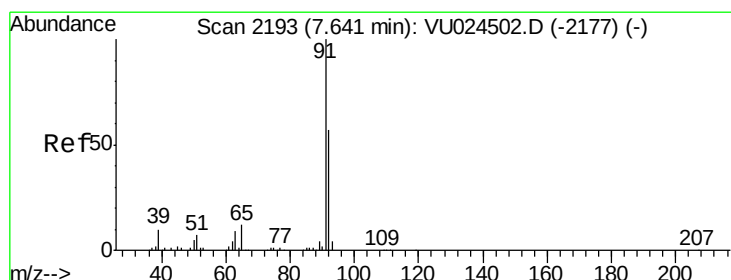
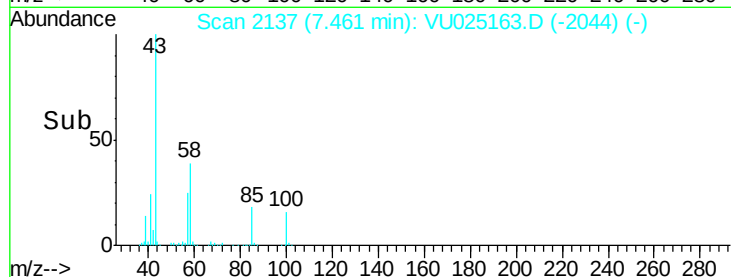
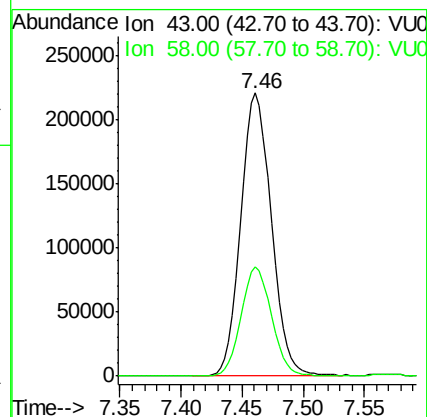
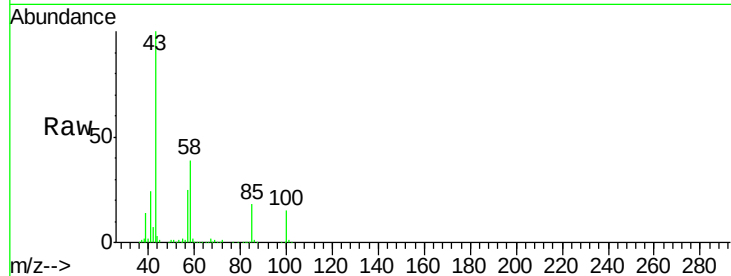




#51
 4-Methyl-2-Pentanone
 Concen: 111.513 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

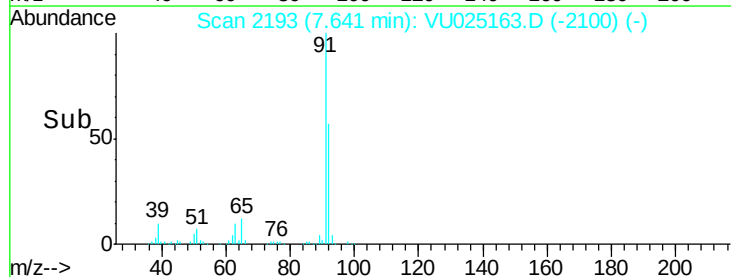
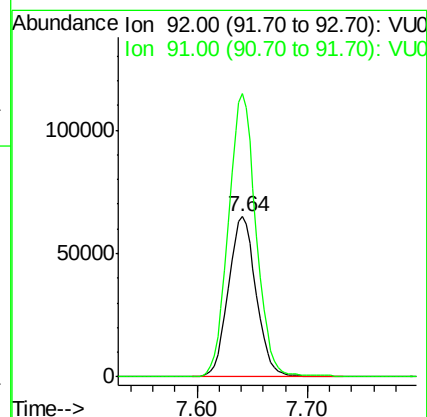
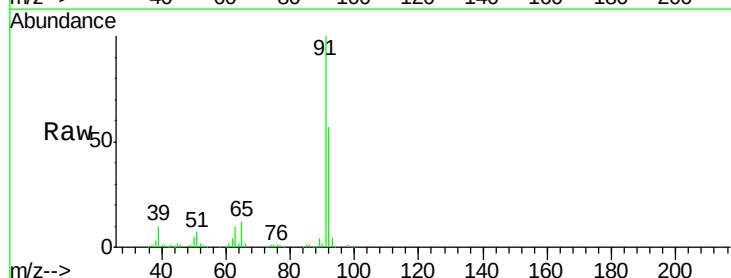
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

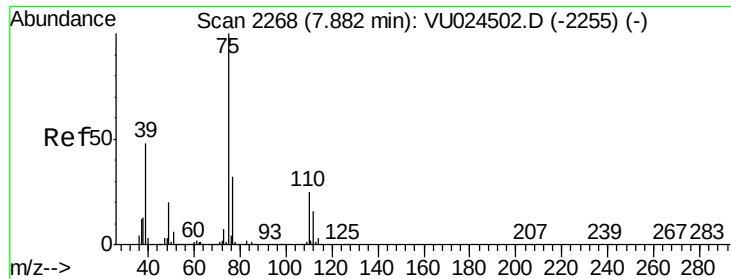
Tot Ion: 43 Resp: 382719
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.0 45.0



#52
 Toluene
 Concen: 21.344 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion: 92 Resp: 113461
 Ion Ratio Lower Upper
 92 100
 91 174.9 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.813 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

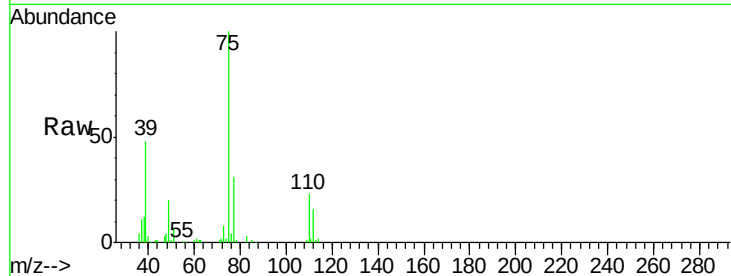
VU0702WBS03

Tot Ion: 75 Resp: 65148

Ion Ratio Lower Upper

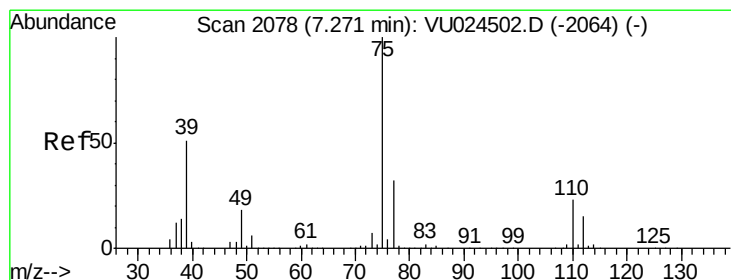
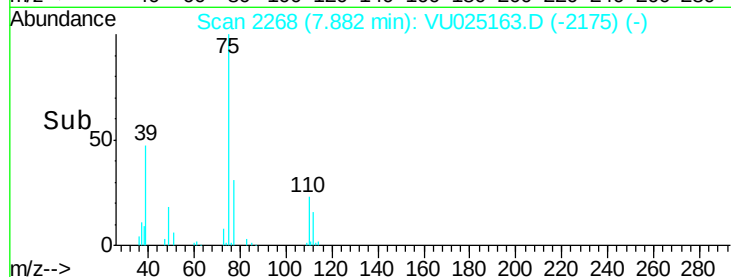
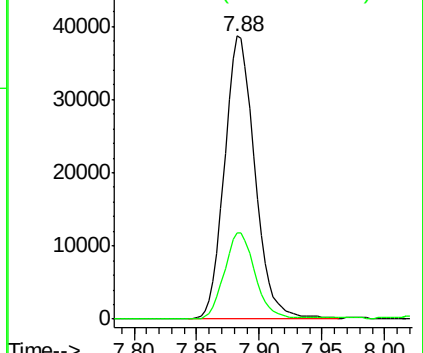
75 100

77 30.7 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: 18.764 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

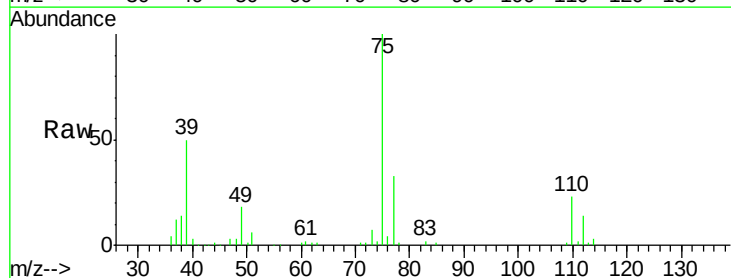
Tgt Ion: 75 Resp: 69236

Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

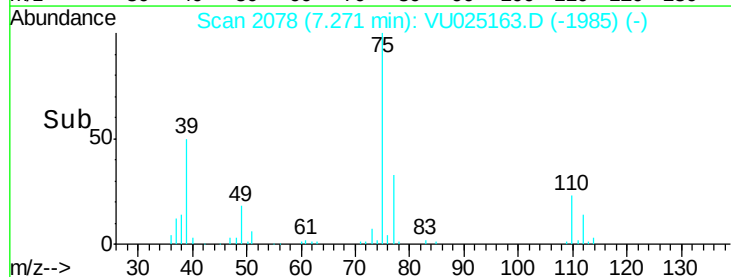
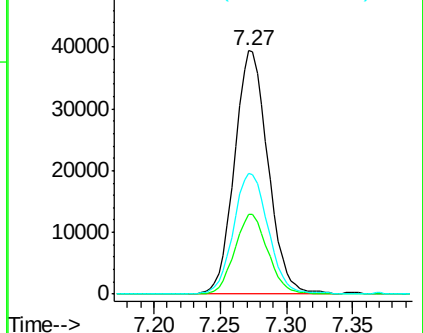
39 49.8 39.8 59.6

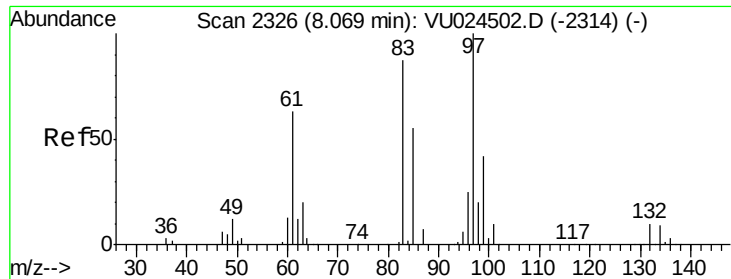


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

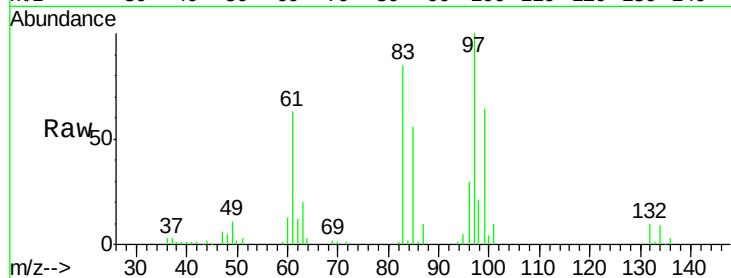




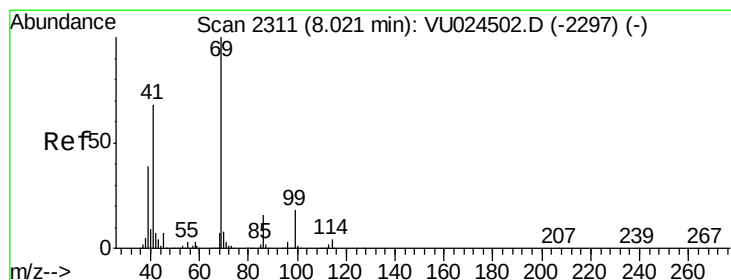
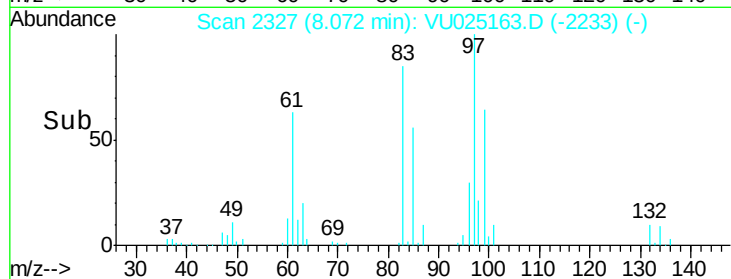
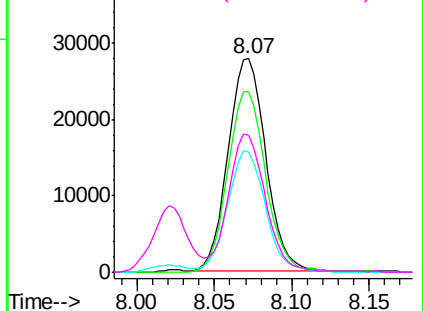
#55
 1,1,2-Trichloroethane
 Concen: 21.780 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

Tot Ion:	97	Resp:	47062
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.5	105.7
85	56.8	46.4	69.6
99	63.8	50.2	75.2

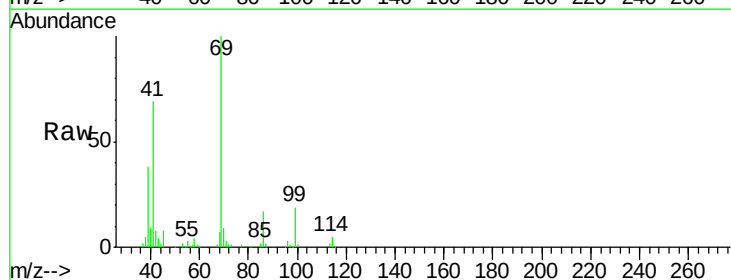


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

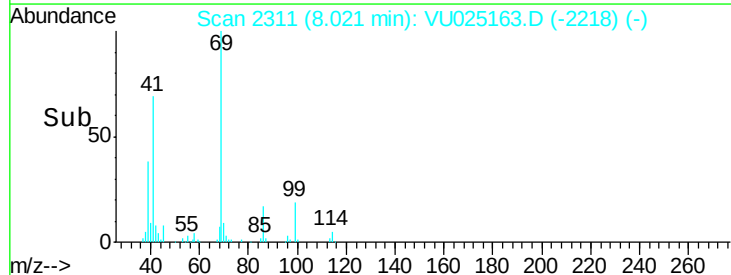
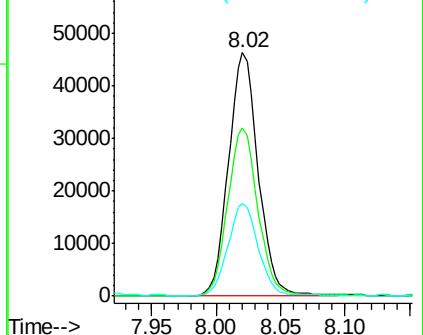


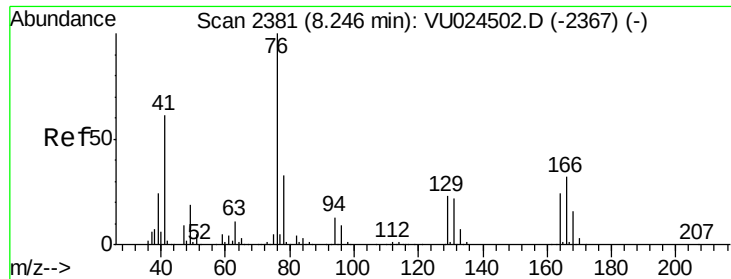
#56
 Ethyl methacrylate
 Concen: 20.493 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion:	69	Resp:	74115
Ion	Ratio	Lower	Upper
69	100		
41	70.3	54.1	81.1
39	39.4	30.3	45.5



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

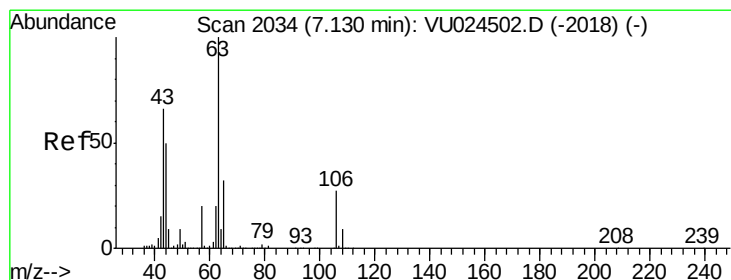
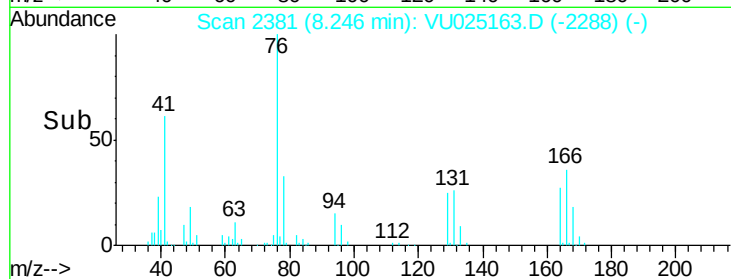
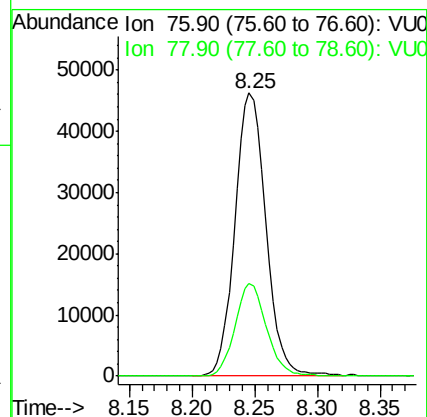
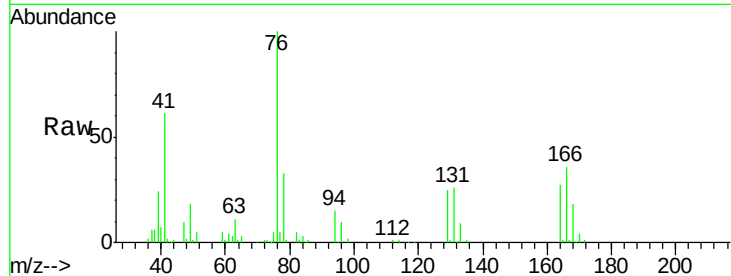




#57
 1,3-Dichloropropane
 Concen: 21.824 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

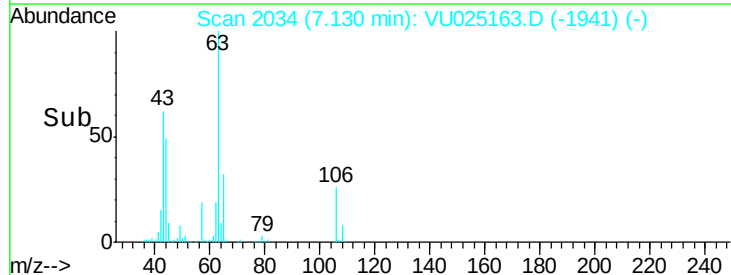
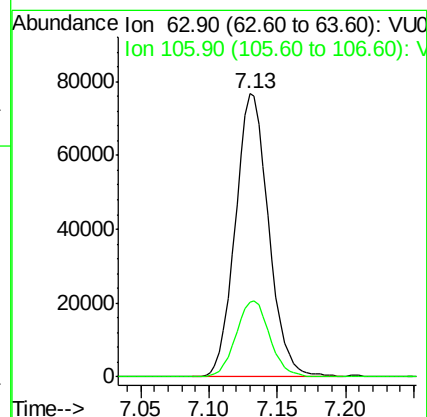
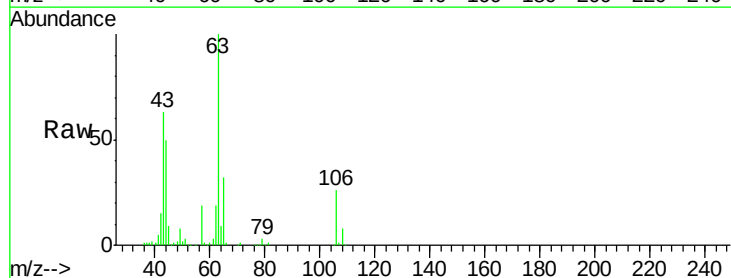
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

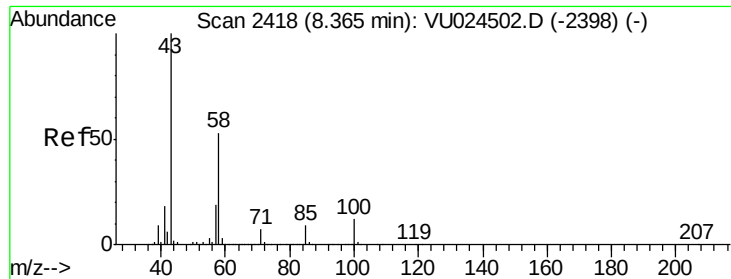
Tot Ion: 76 Resp: 79548
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.791 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion: 63 Resp: 129951
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.2 30.2

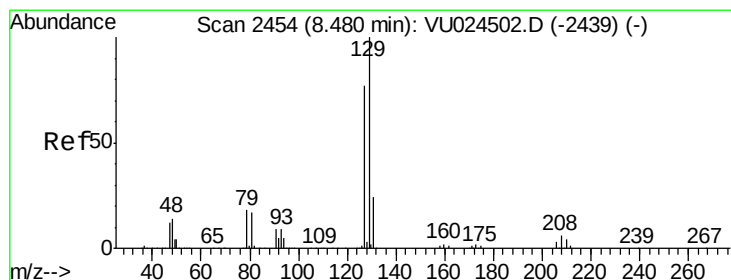
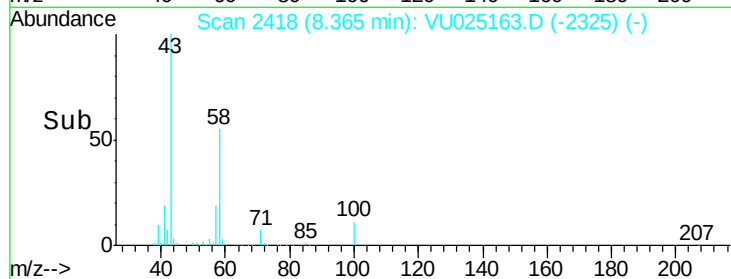
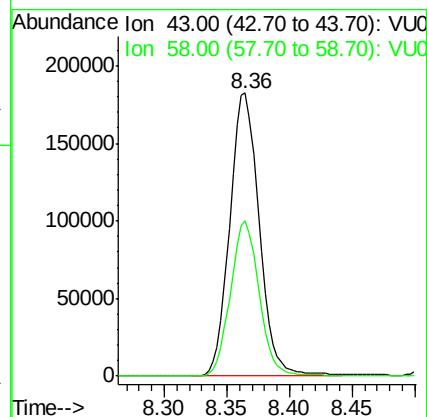
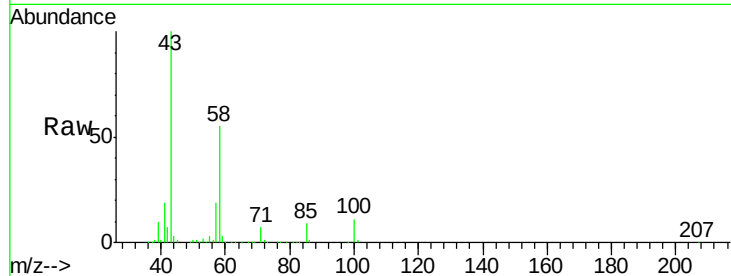




#59
2-Hexanone
Concen: 106.294 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

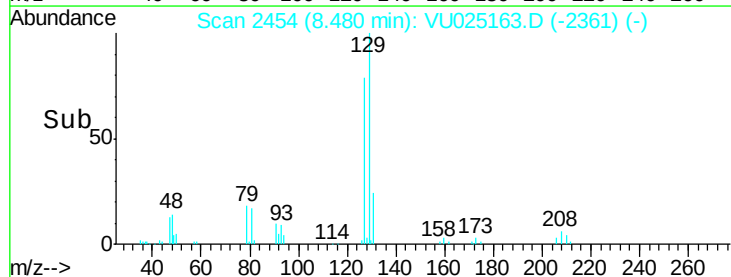
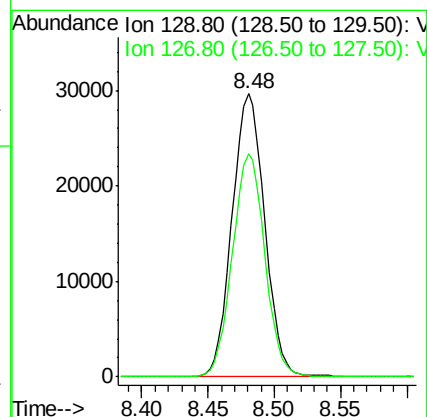
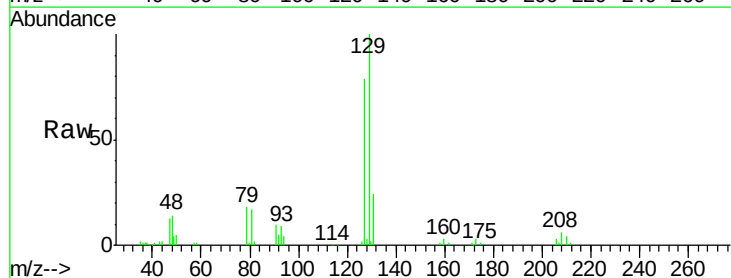
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

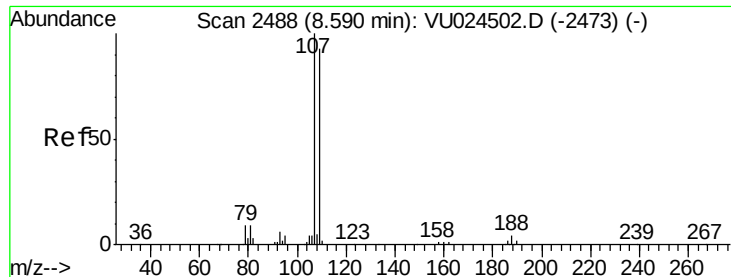
Tot Ion: 43 Resp: 297831
Ion Ratio Lower Upper
43 100
58 53.6 26.4 79.0



#60
Dibromochloromethane
Concen: 18.826 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 129 Resp: 50727
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.731 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

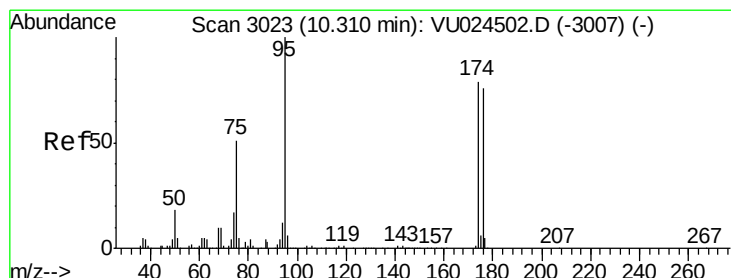
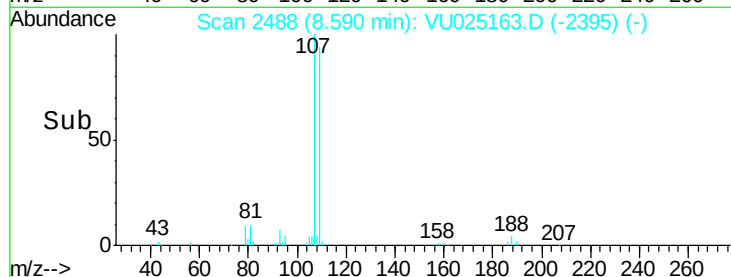
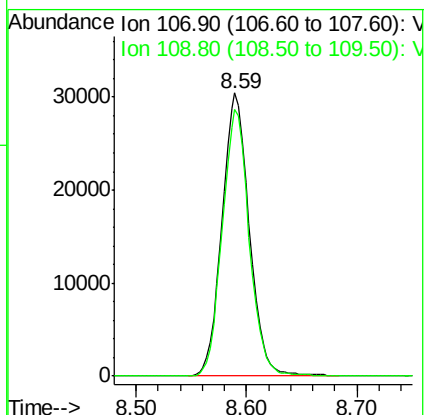
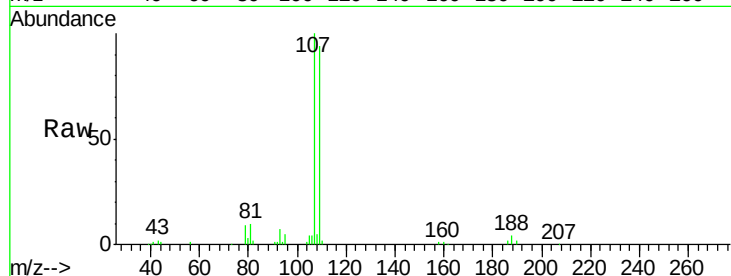
VU0702WBS03

Tot Ion:107 Resp: 52262

Ion Ratio Lower Upper

107 100

109 93.3 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 46.246 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

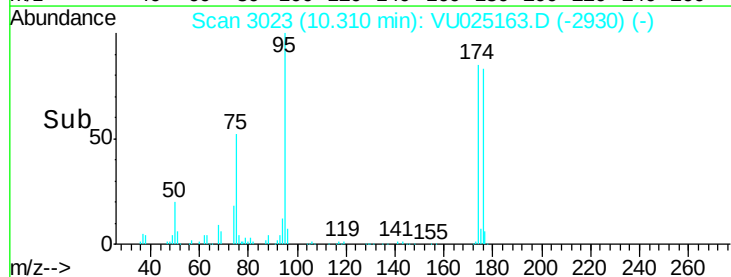
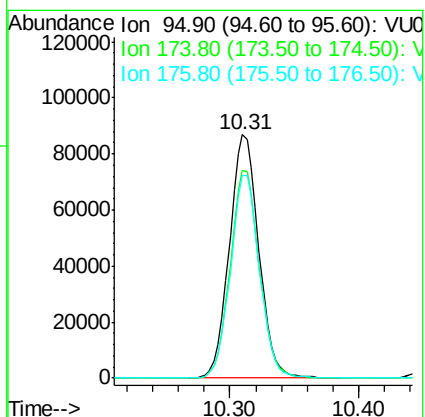
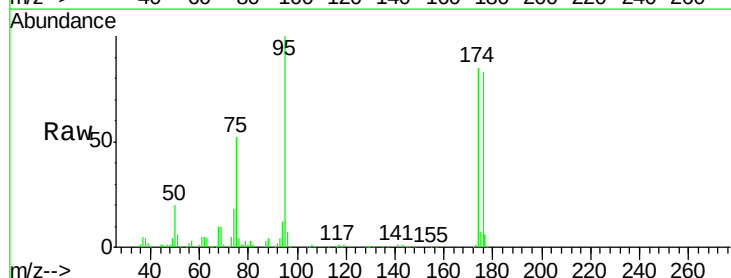
Tgt Ion: 95 Resp: 137162

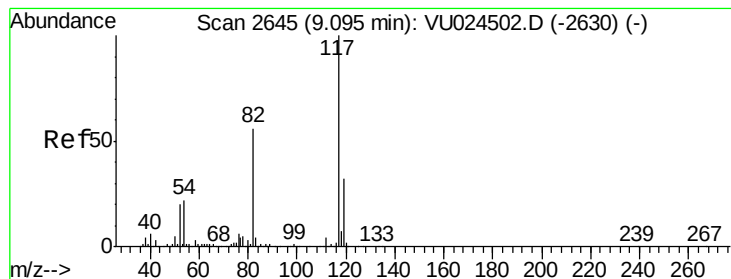
Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 82.8 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

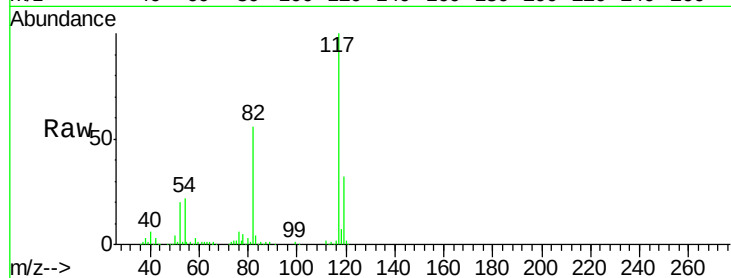
Tot Ion:117 Resp: 228142

Ion Ratio Lower Upper

117 100

82 55.5 44.3 66.5

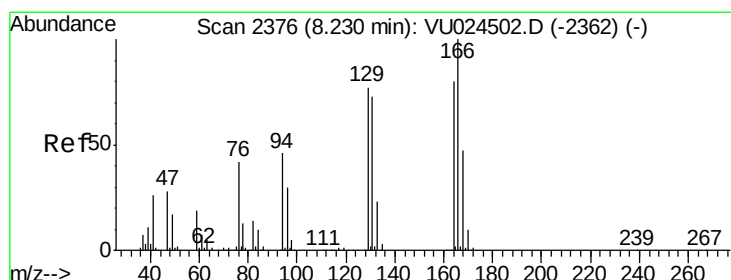
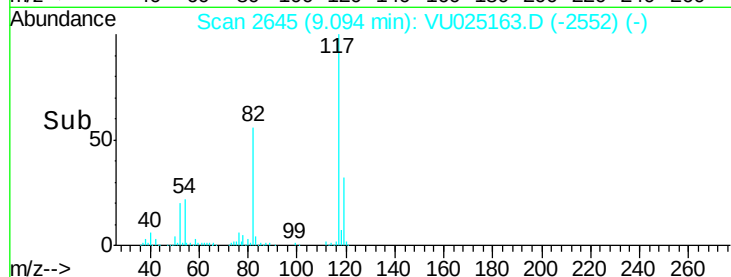
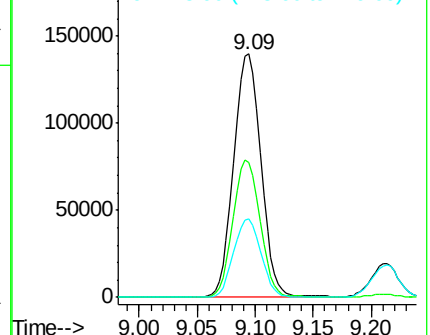
119 32.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 23.278 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion:164 Resp: 50480

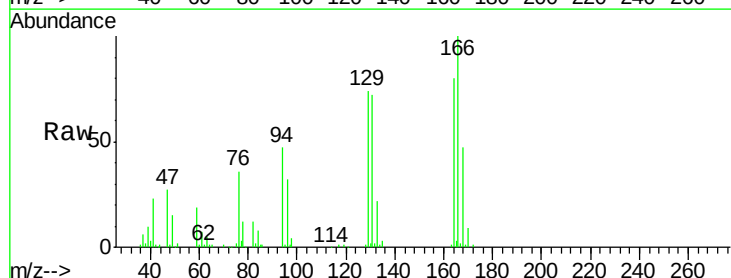
Ion Ratio Lower Upper

164 100

166 125.7 101.7 152.5

129 92.4 76.9 115.3

131 90.7 74.9 112.3

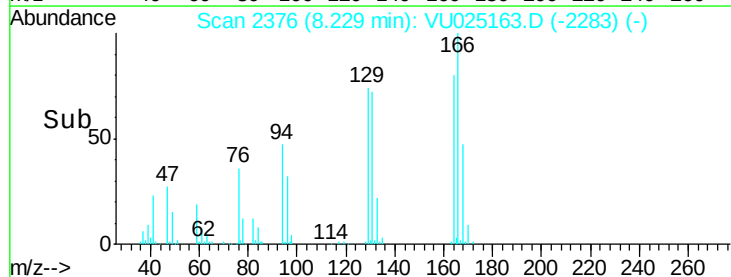
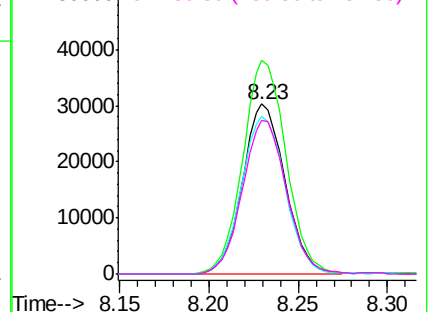


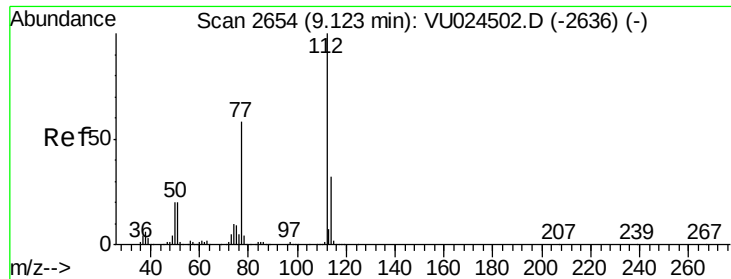
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

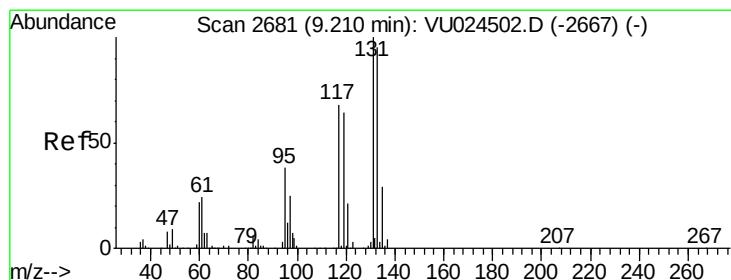
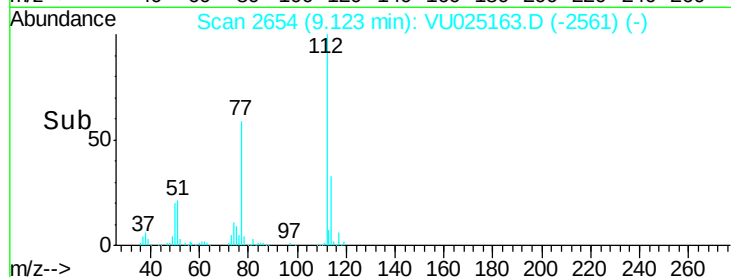
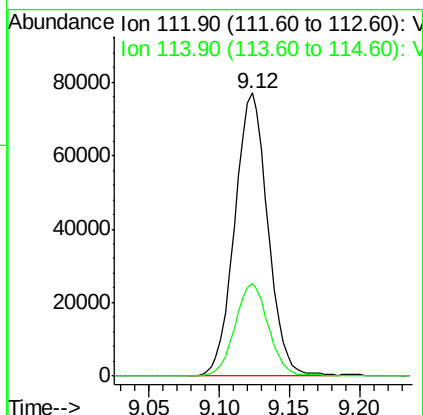
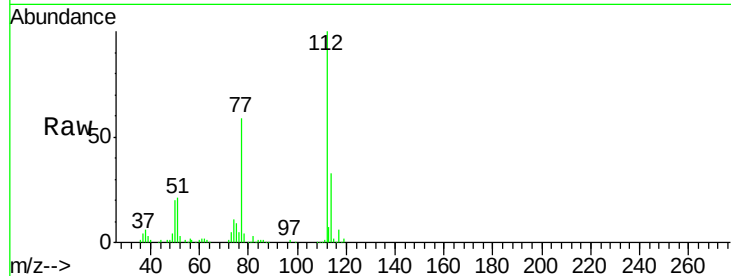




#65
Chlorobenzene
Concen: 21.797 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

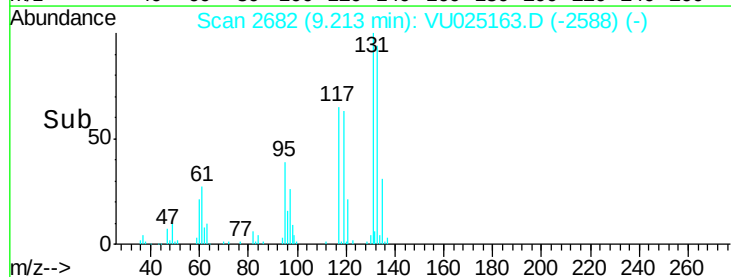
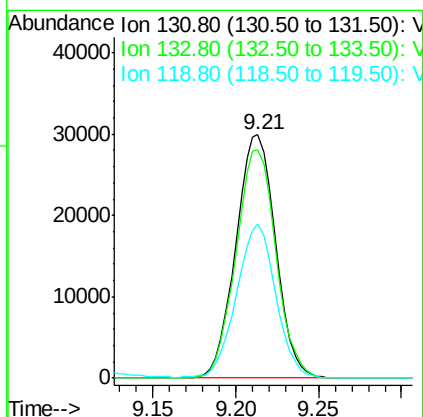
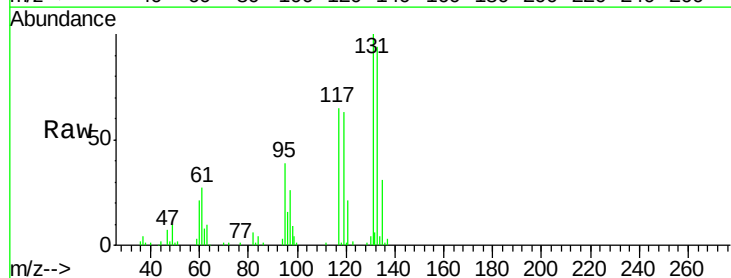
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

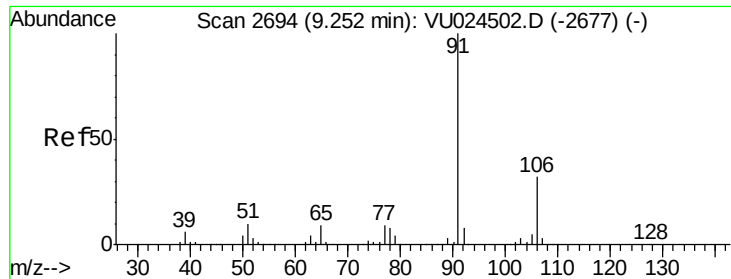
Tot Ion:112 Resp: 127037
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.510 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion:131 Resp: 49842
Ion Ratio Lower Upper
131 100
133 94.3 46.9 140.8
119 62.6 33.5 100.4

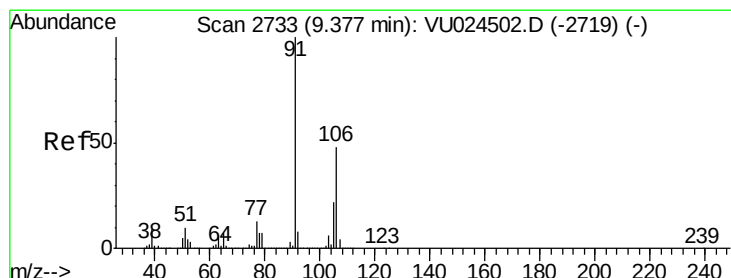
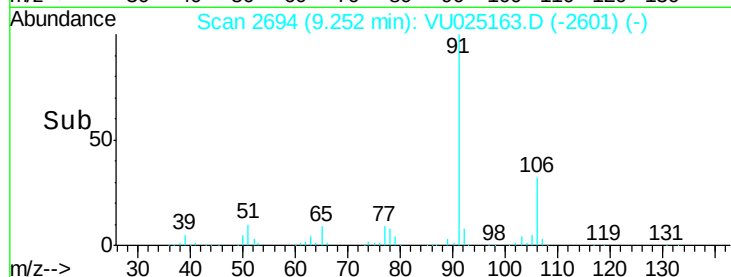
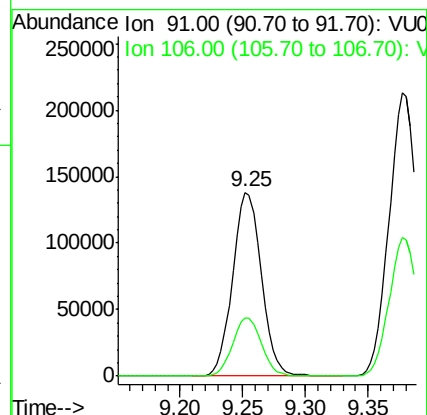
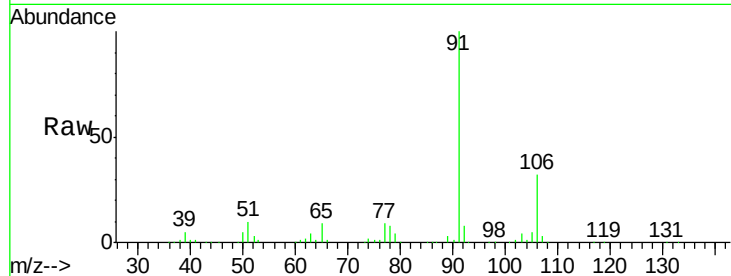




#67
Ethyl Benzene
Concen: 21.643 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

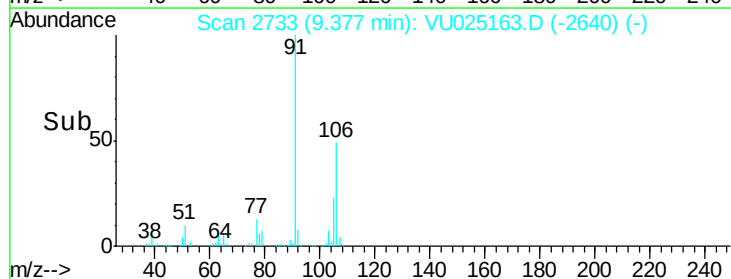
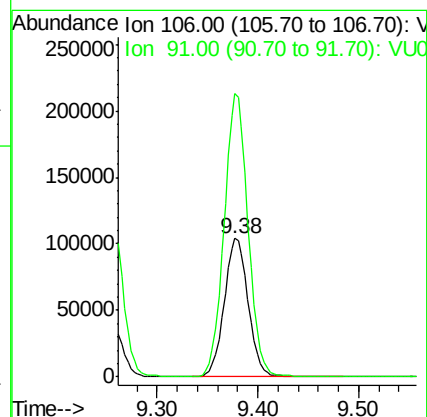
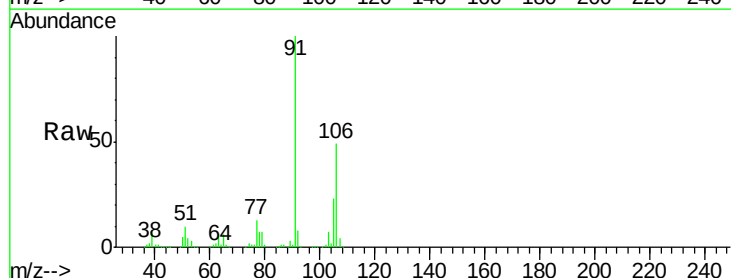
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

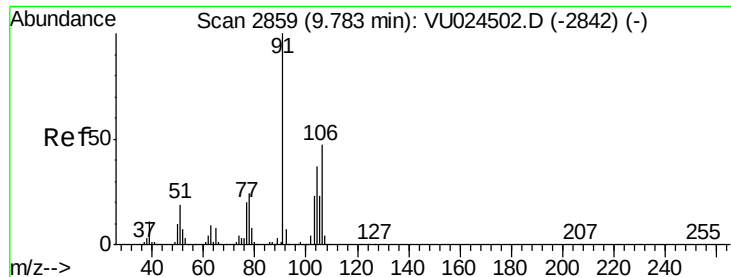
Tot Ion: 91 Resp: 221128
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#68
m/p-Xylenes
Concen: 43.962 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 106 Resp: 172483
Ion Ratio Lower Upper
106 100
91 203.3 166.5 249.7

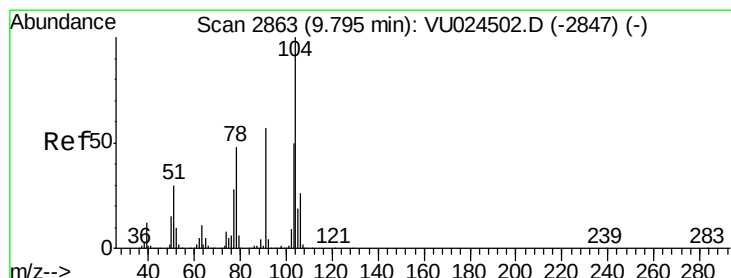
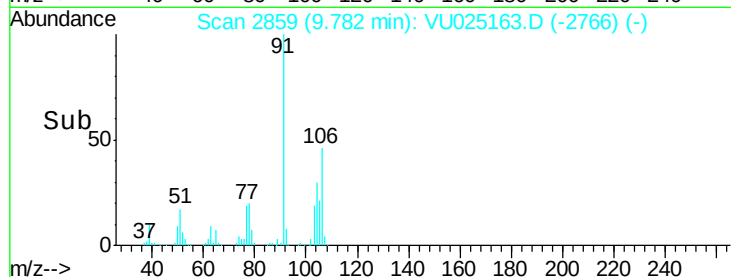
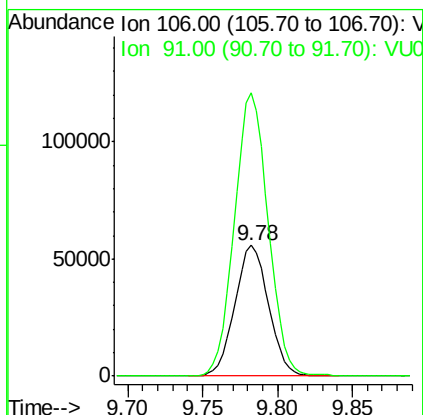
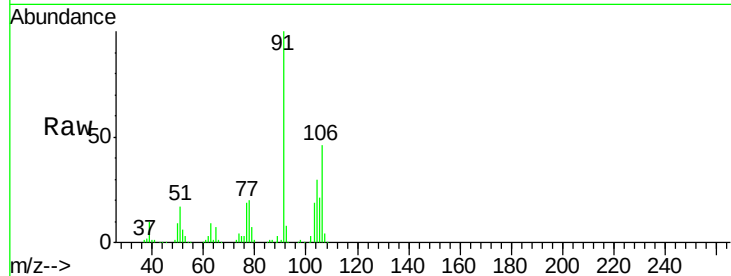




#69
o-Xylene
Concen: 22.564 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

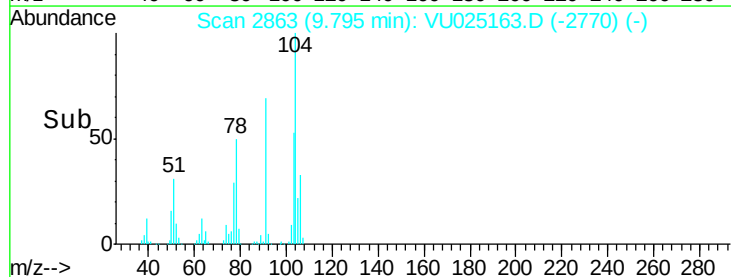
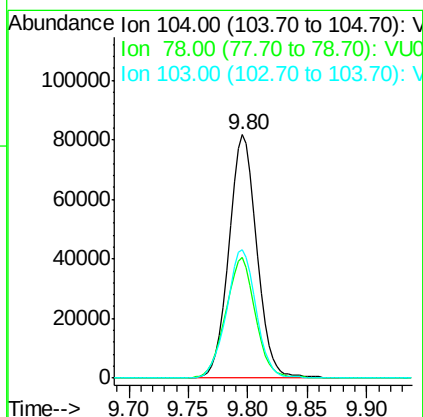
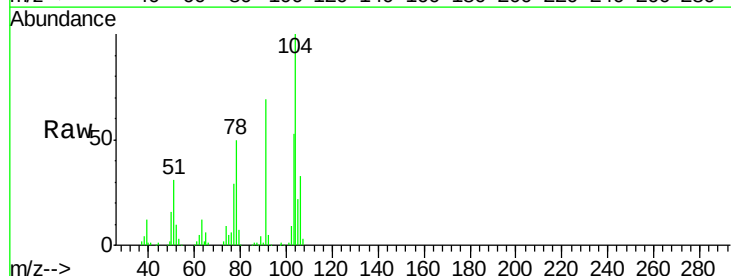
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

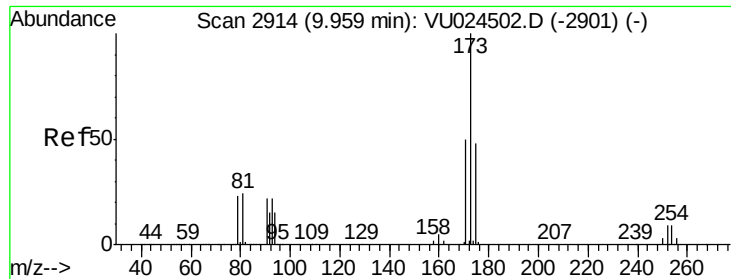
Tot Ion:106 Resp: 87614
Ion Ratio Lower Upper
106 100
91 216.9 110.7 331.9



#70
Styrene
Concen: 20.843 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion:104 Resp: 132995
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 18.762 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

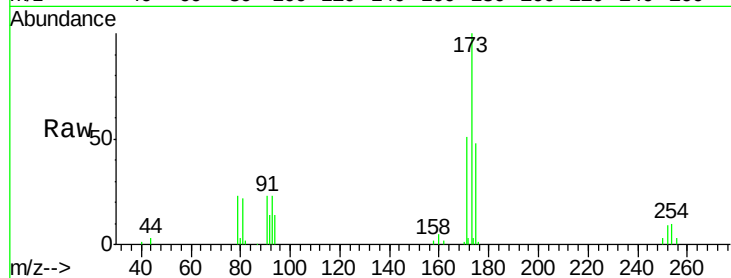
Tot Ion:173 Resp: 39488

Ion Ratio Lower Upper

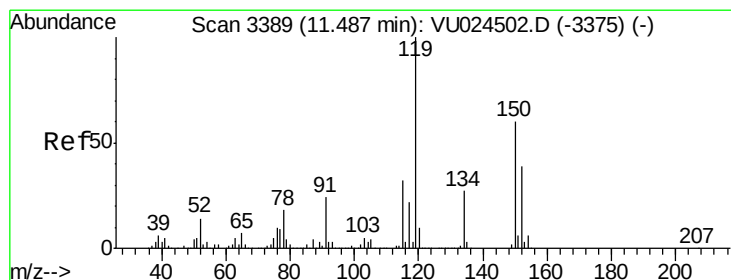
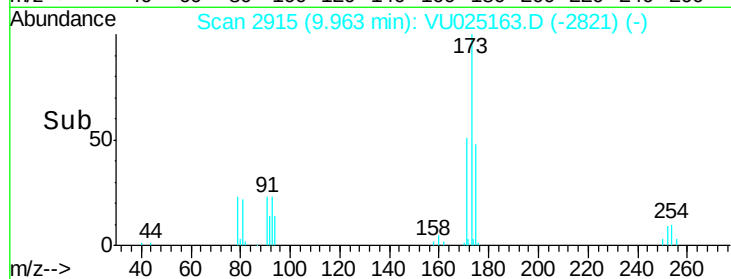
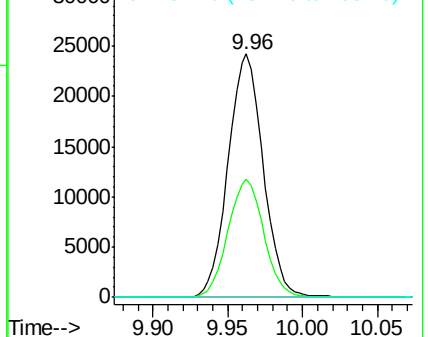
173 100

175 49.3 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: VU025163.D

Acq: 03 Jul 2018 00:10

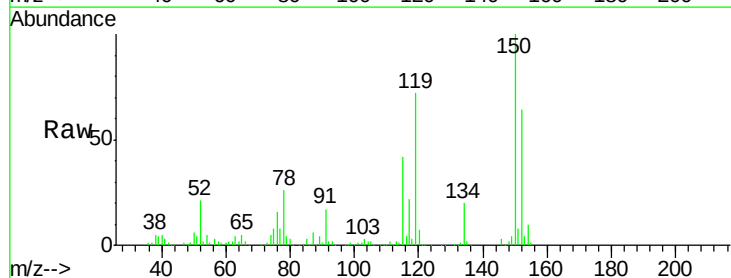
Tgt Ion:152 Resp: 129587

Ion Ratio Lower Upper

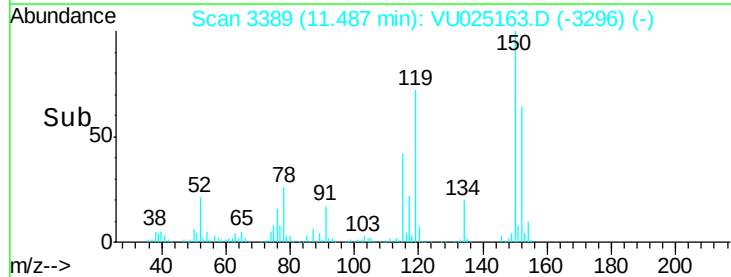
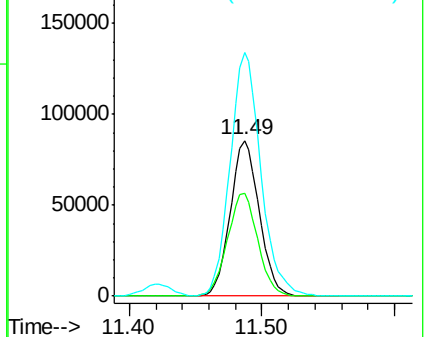
152 100

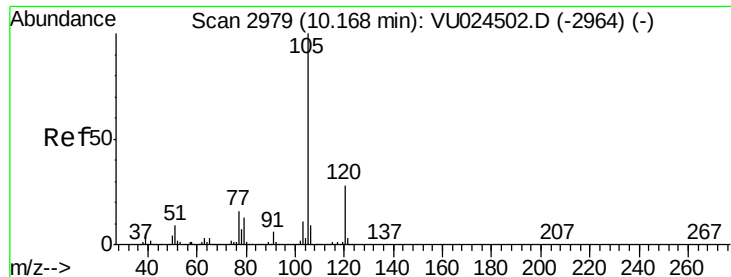
115 69.4 43.0 129.0

150 166.0 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: 22.985 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

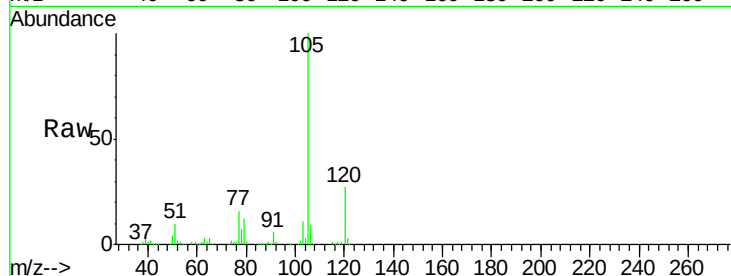
VU0702WBS03

Tot Ion:105 Resp: 228679

Ion Ratio Lower Upper

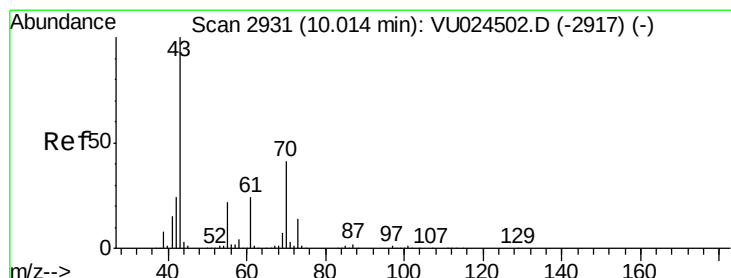
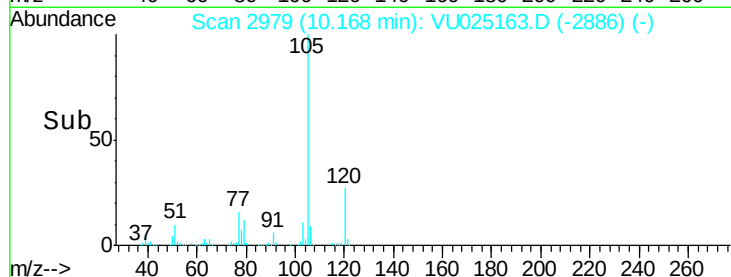
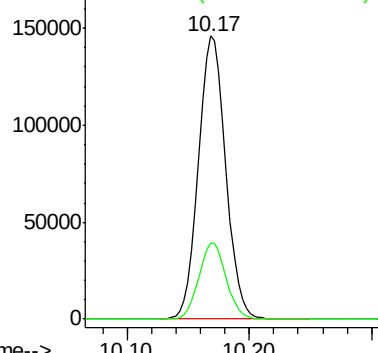
105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.620 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Tgt Ion: 43 Resp: 97579

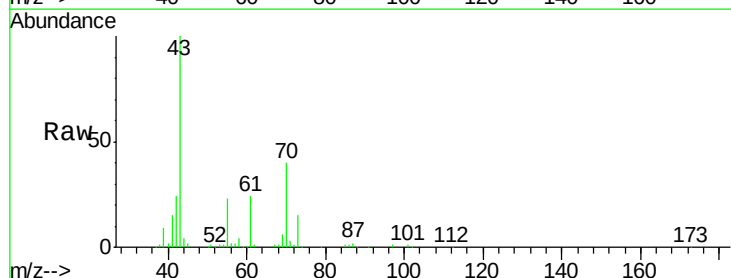
Ion Ratio Lower Upper

43 100

70 40.4 32.2 48.4

55 23.6 20.5 30.7

61 23.6 18.7 28.1

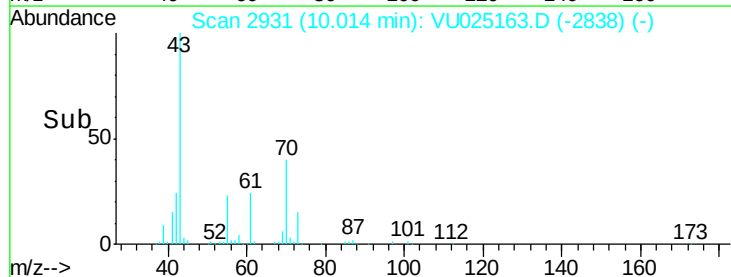
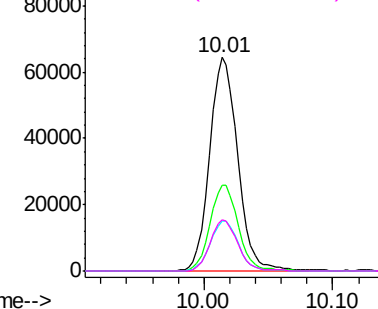


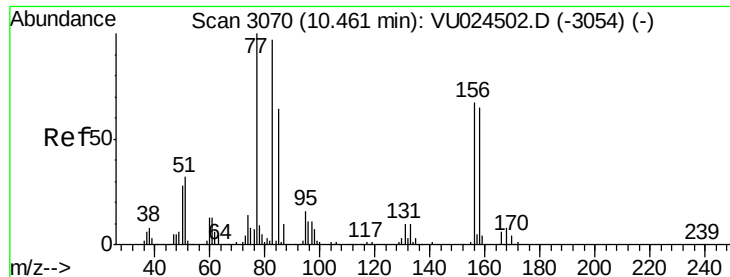
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.364 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

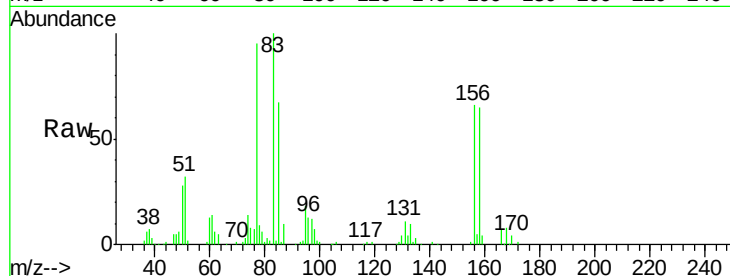
Tot Ion: 83 Resp: 77894

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

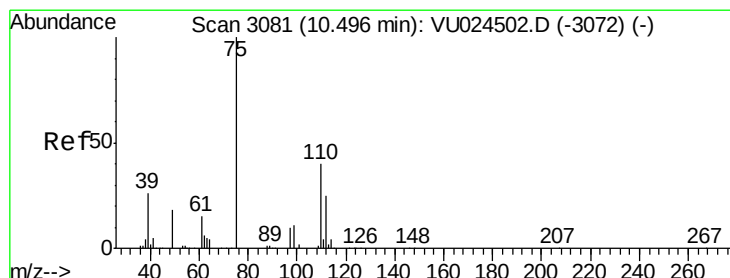
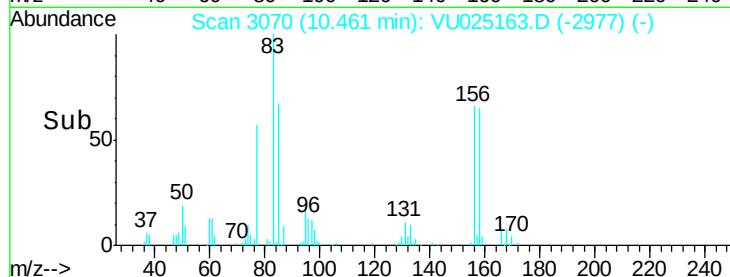
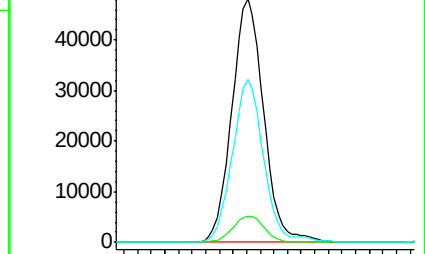
85 65.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 31.061 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025163.D

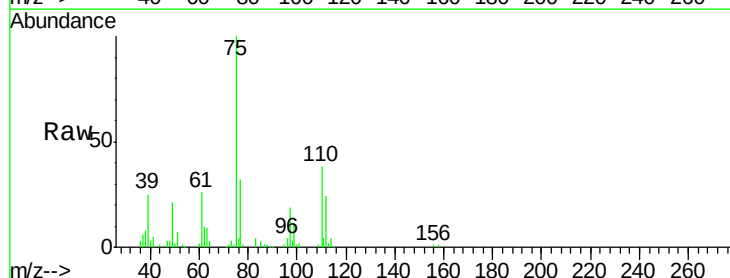
Acq: 03 Jul 2018 00:10

Tgt Ion: 75 Resp: 88619

Ion Ratio Lower Upper

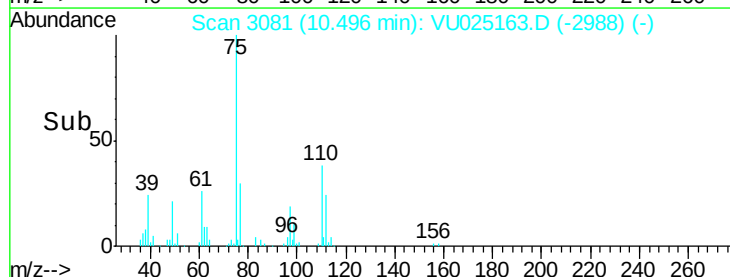
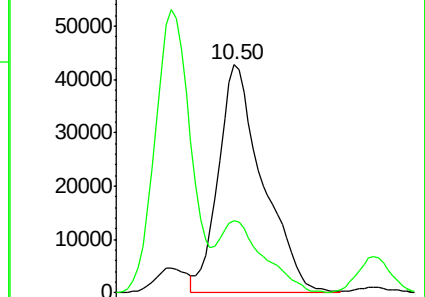
75 100

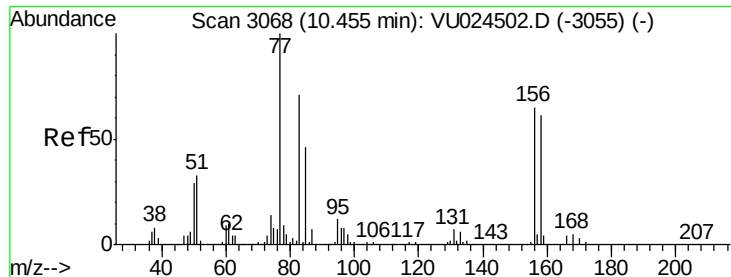
77 30.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 23.125 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

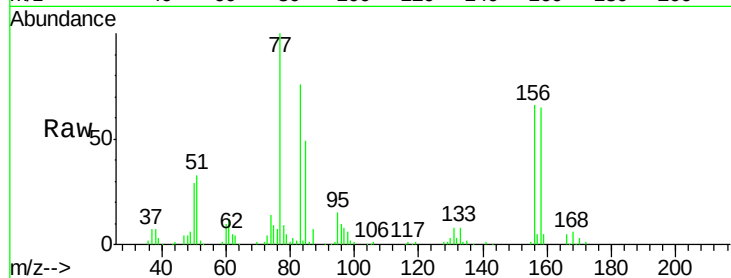
Tot Ion:156 Resp: 58247

Ion Ratio Lower Upper

156 100

77 149.1 80.5 241.3

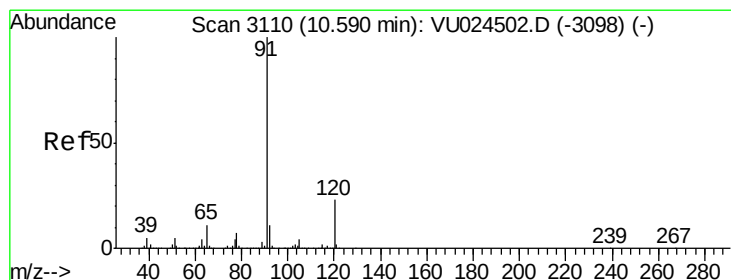
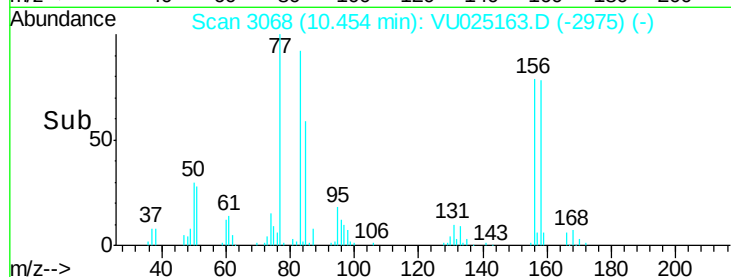
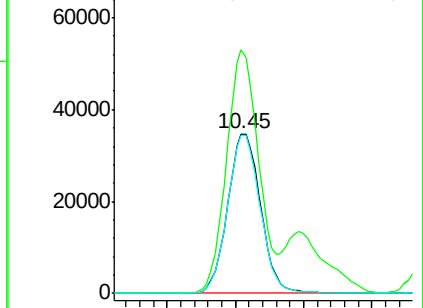
158 98.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.096 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025163.D

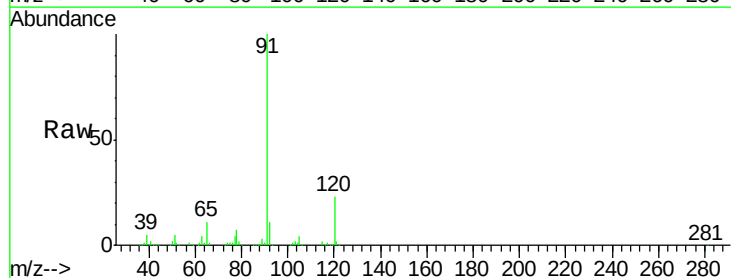
Acq: 03 Jul 2018 00:10

Tgt Ion: 91 Resp: 247251

Ion Ratio Lower Upper

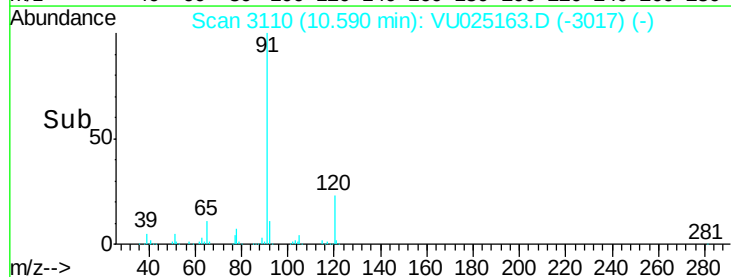
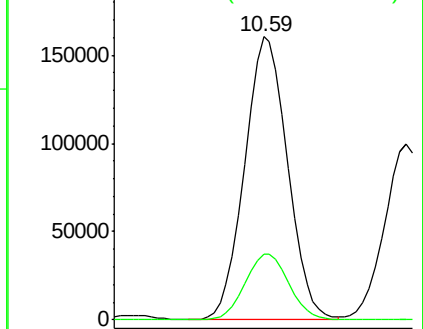
91 100

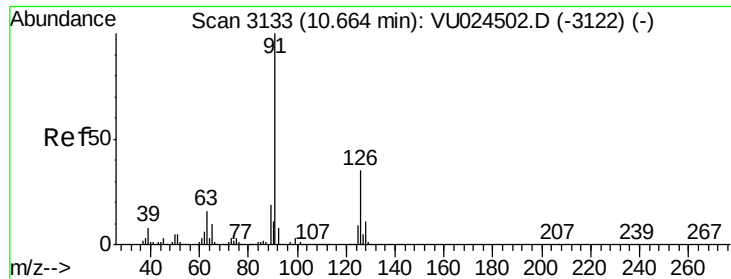
120 23.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.626 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

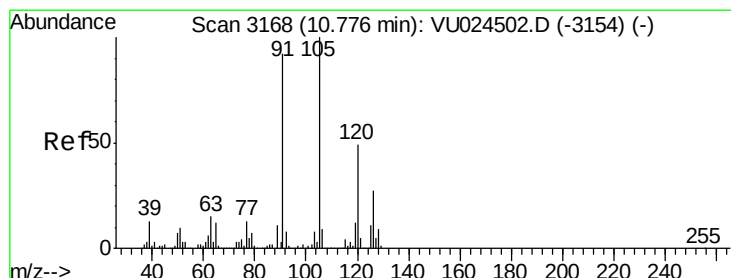
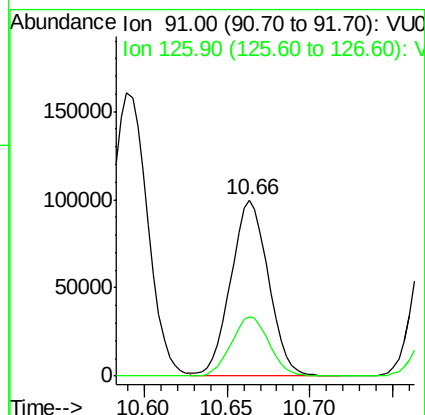
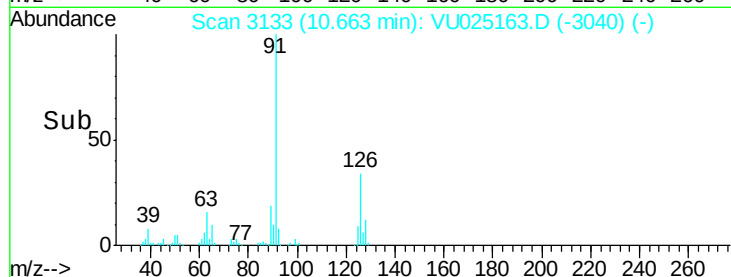
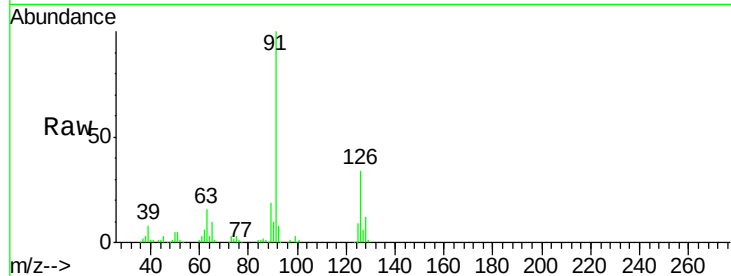
VU0702WBS03

Tot Ion: 91 Resp: 156381

Ion Ratio Lower Upper

91 100

126 34.3 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 22.649 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025163.D

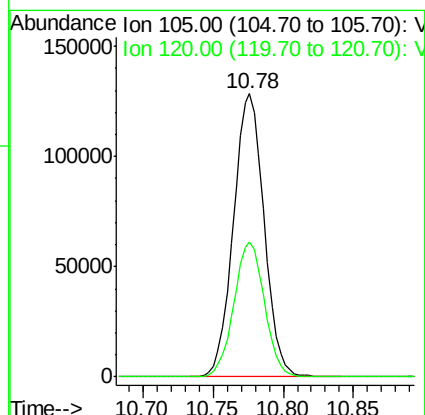
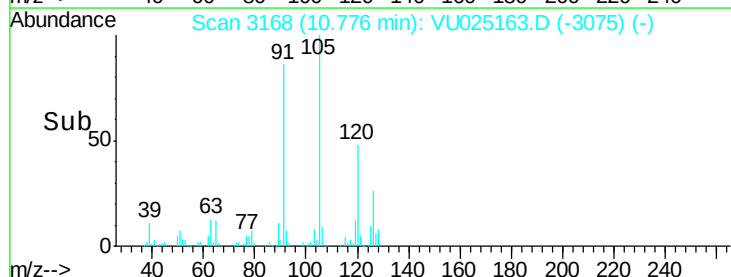
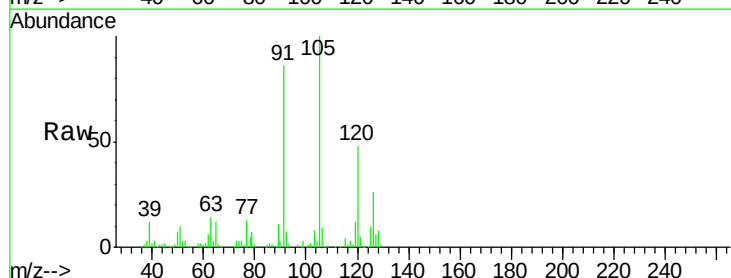
Acq: 03 Jul 2018 00:10

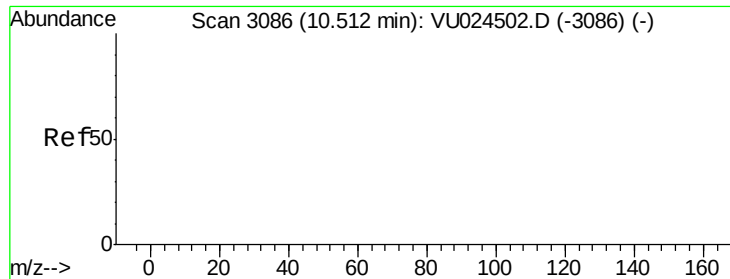
Tgt Ion: 105 Resp: 195312

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.2

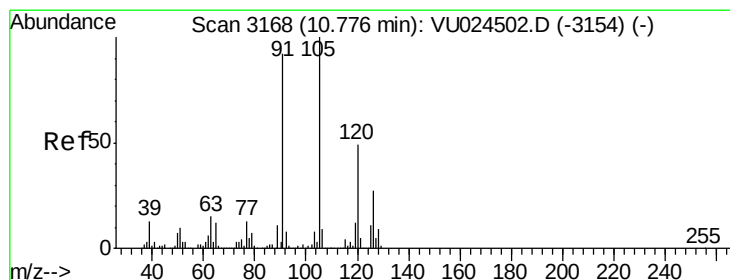
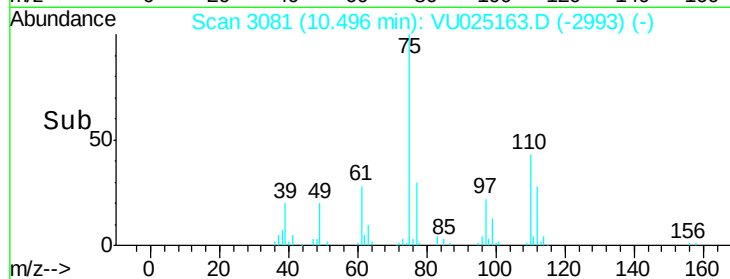
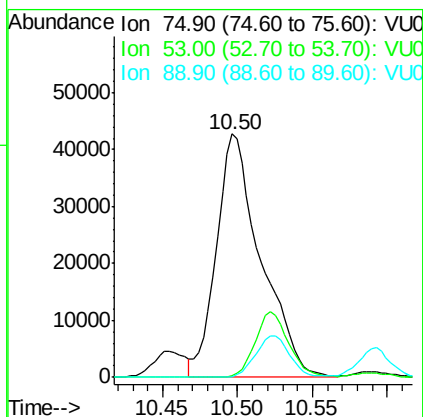
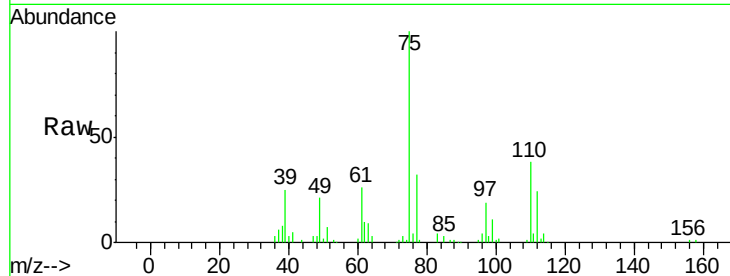




#81
trans-1,4-Dichloro-2-butene
Concen: 71.889 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

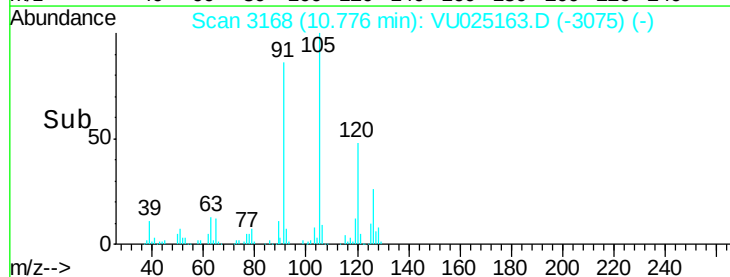
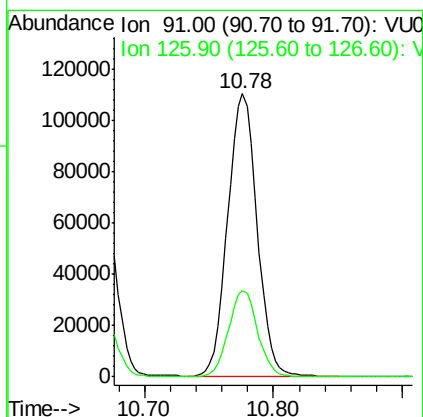
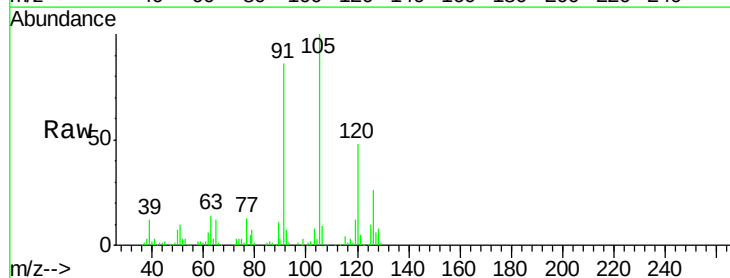
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

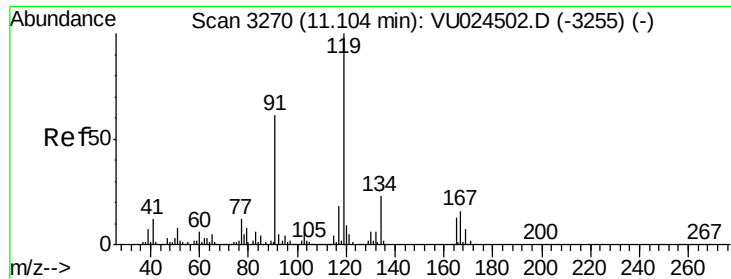
Tot Ion: 75 Resp: 88619
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.603 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 91 Resp: 173783
Ion Ratio Lower Upper
91 100
126 30.5 14.9 44.9

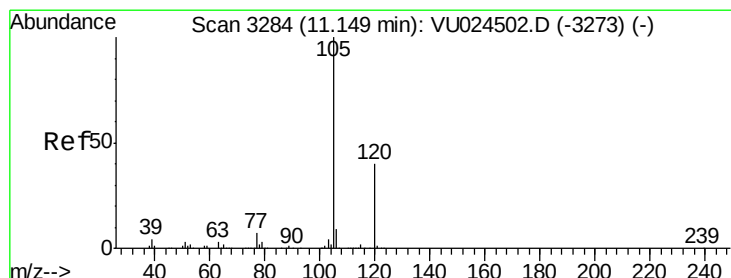
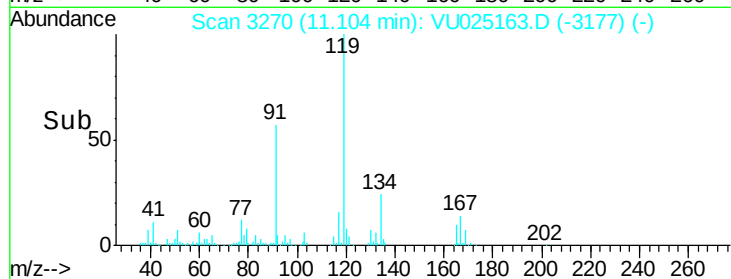
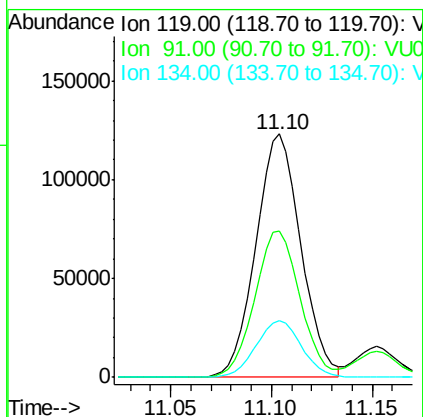
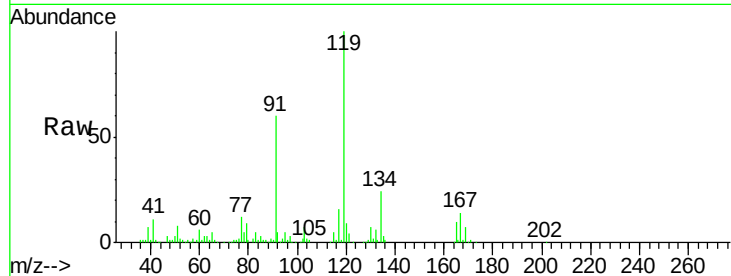




#83
 tert-Butylbenzene
 Concen: 23.095 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

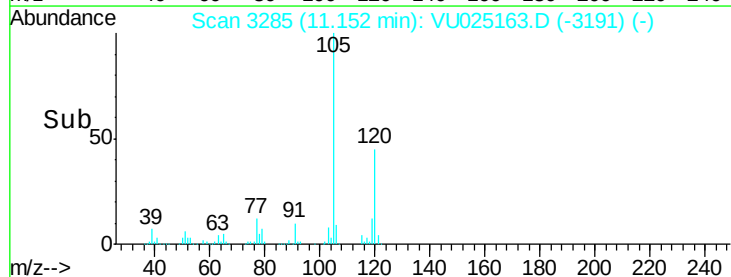
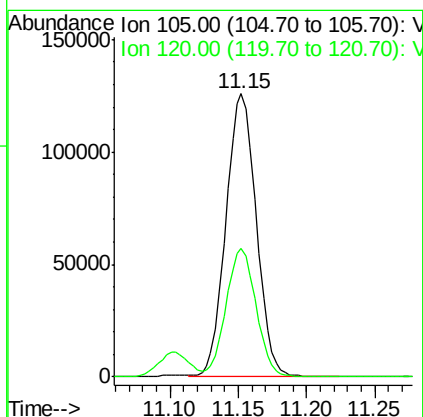
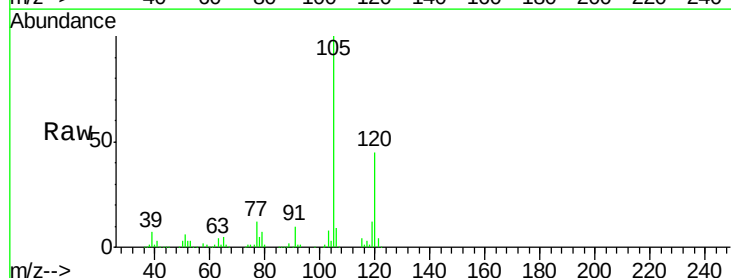
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

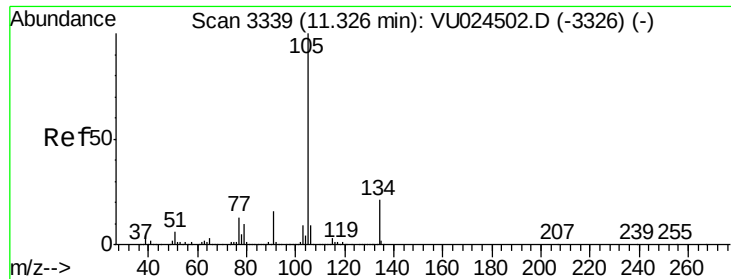
Tot Ion:119 Resp: 191573
 Ion Ratio Lower Upper
 119 100
 91 60.8 29.7 89.1
 134 23.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.091 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion:105 Resp: 194136
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 21.916 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

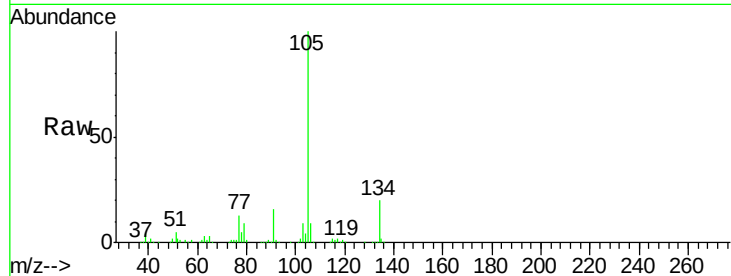
VU0702WBS03

Tot Ion:105 Resp: 227561

Ion Ratio Lower Upper

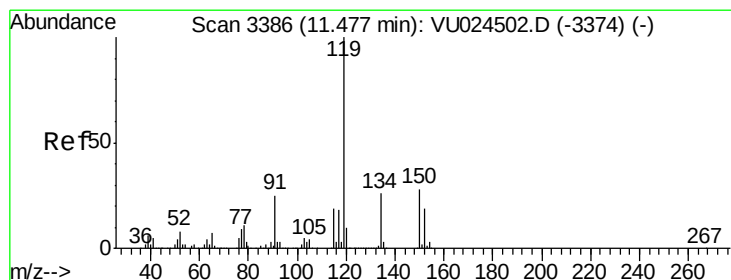
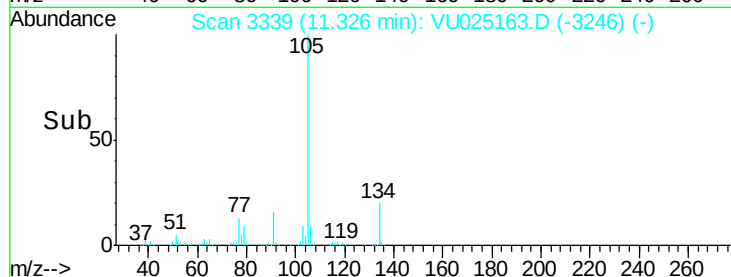
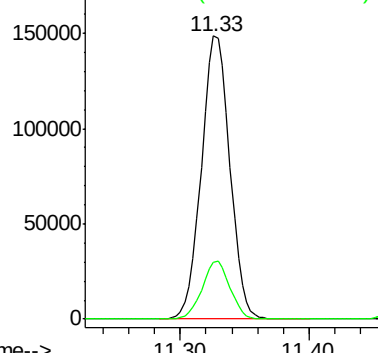
105 100

134 20.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.042 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

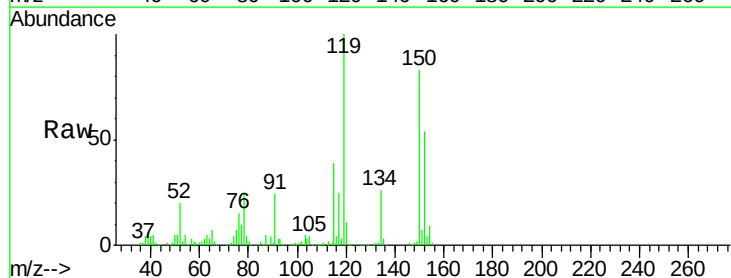
Tgt Ion:119 Resp: 195676

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

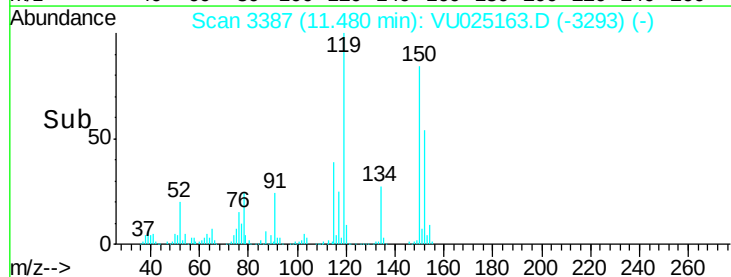
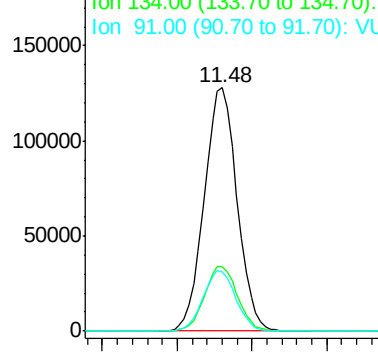
91 24.6 12.0 36.1

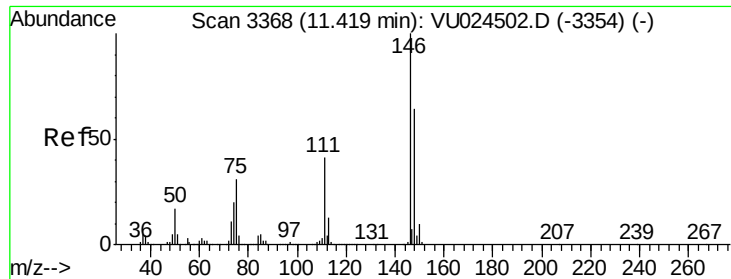


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 21.833 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

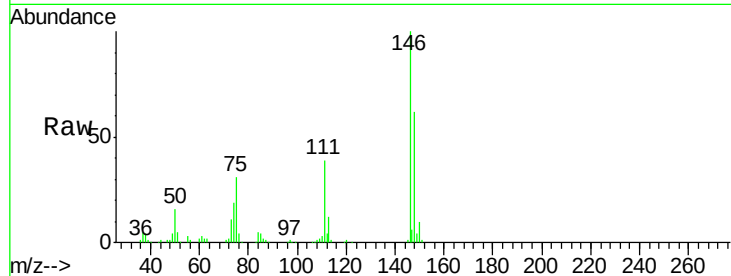
Tot Ion:146 Resp: 101599

Ion Ratio Lower Upper

146 100

111 39.8 20.0 60.0

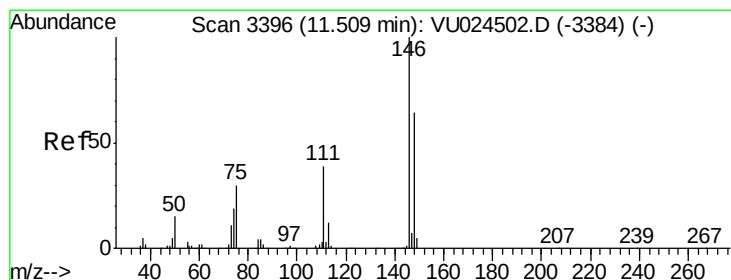
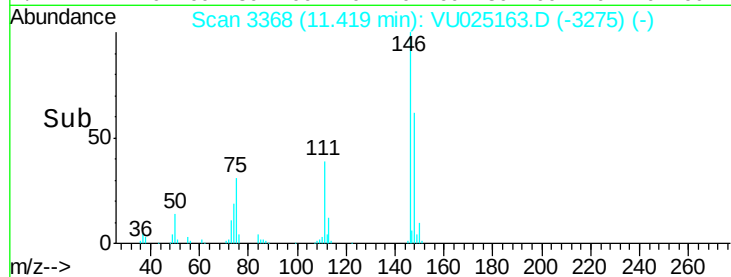
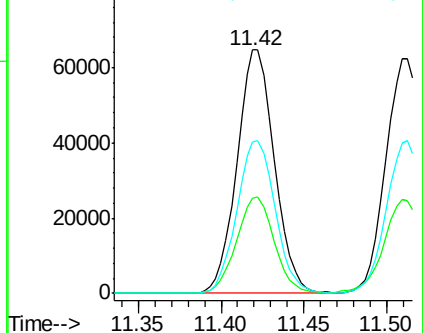
148 64.1 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 21.475 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

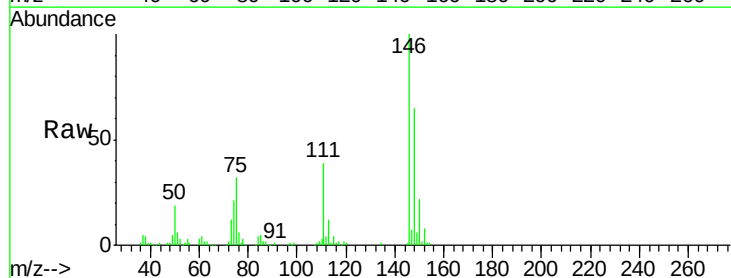
Tgt Ion:146 Resp: 100582

Ion Ratio Lower Upper

146 100

111 40.7 19.5 58.5

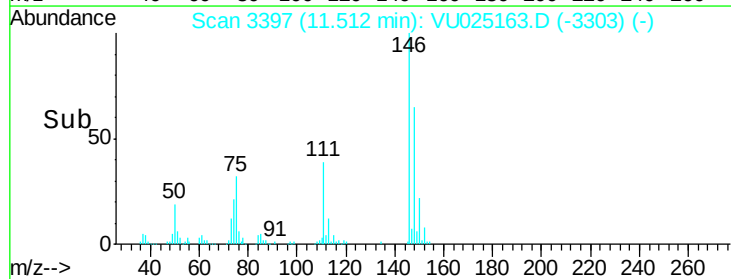
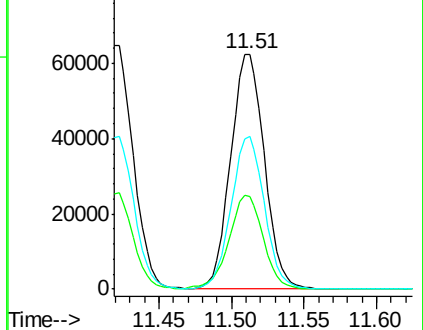
148 64.5 32.4 97.0

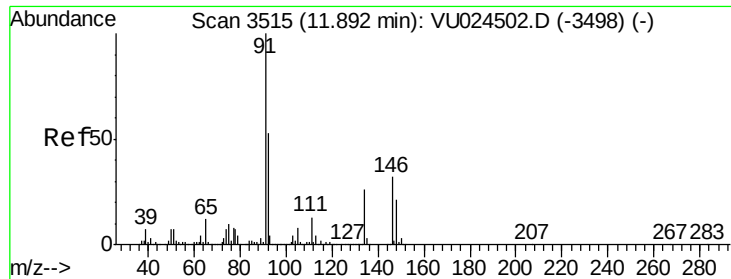


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

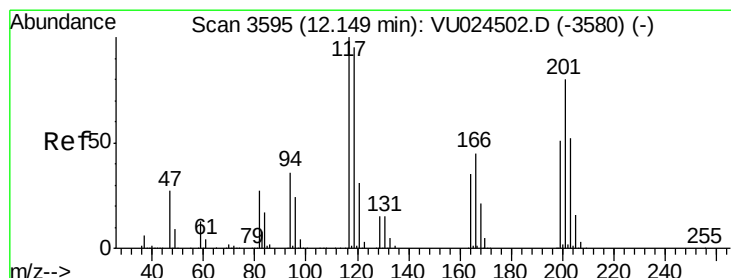
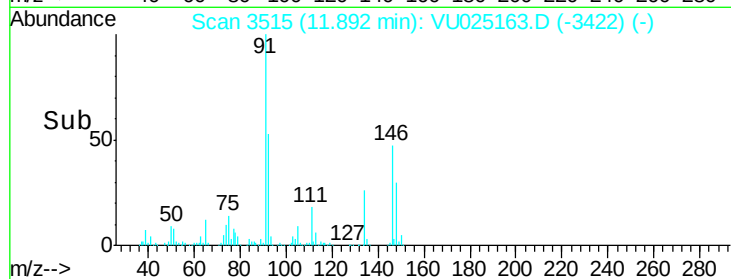
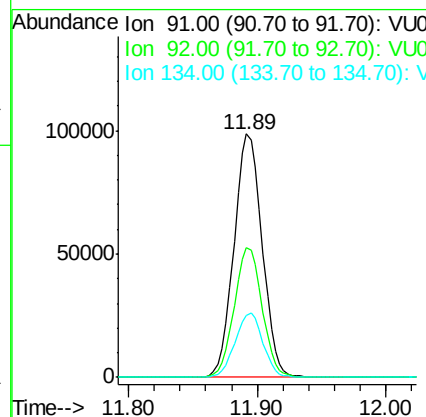
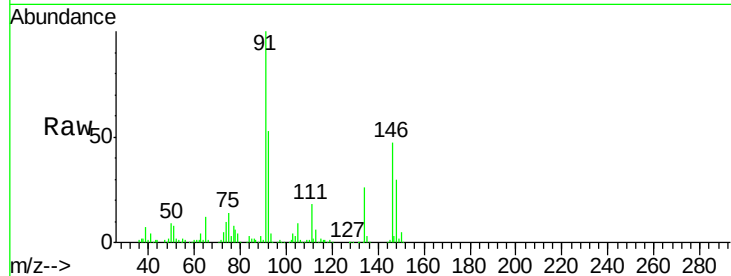




#89
n-Butylbenzene
Concen: 18.090 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

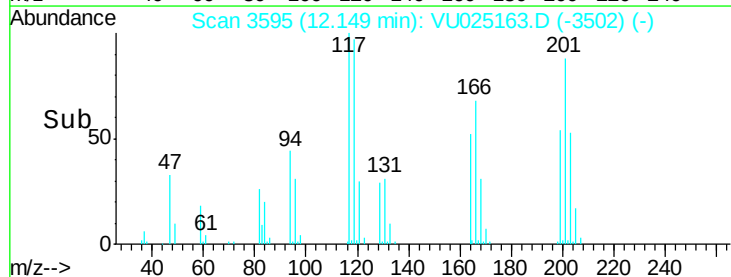
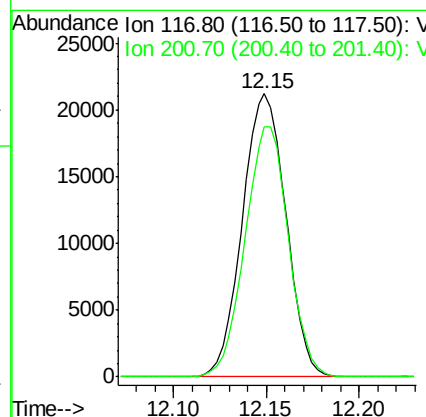
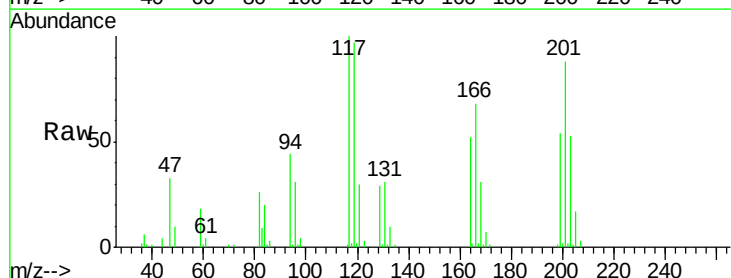
Instrument :
MSVOA_U
ClientSampleId :
VU0702WBS03

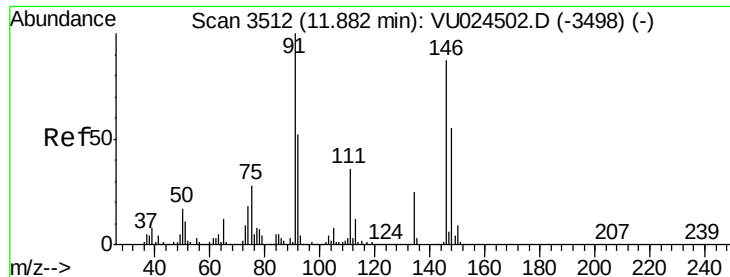
Tot Ion: 91 Resp: 149349
Ion Ratio Lower Upper
91 100
92 52.8 25.6 76.8
134 26.1 12.3 36.8



#90
Hexachloroethane
Concen: 19.127 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025163.D
Acq: 03 Jul 2018 00:10

Tgt Ion: 117 Resp: 34698
Ion Ratio Lower Upper
117 100
201 87.8 41.1 123.3

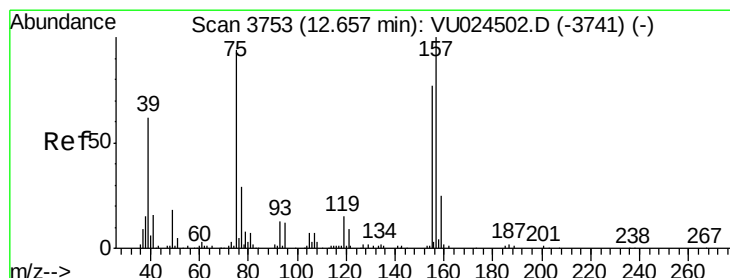
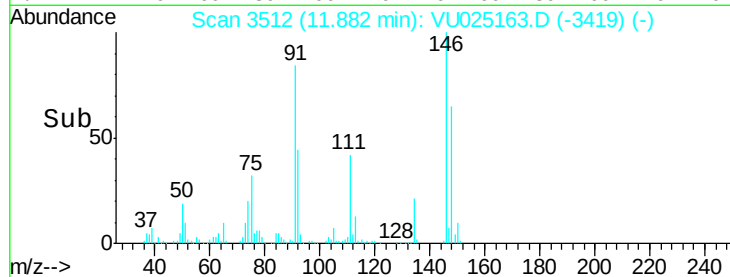
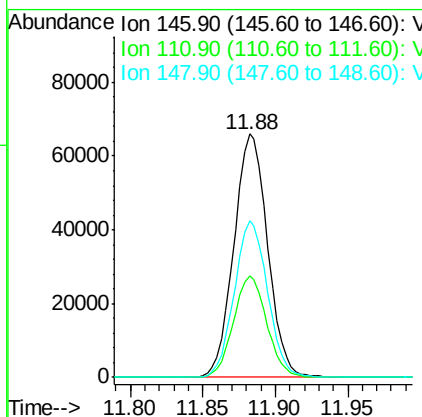
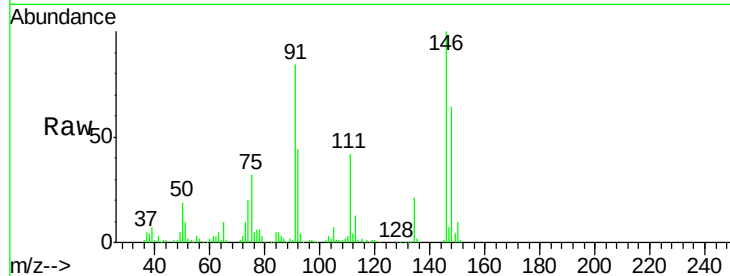




#91
 1,2-Dichlorobenzene
 Concen: 22.854 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

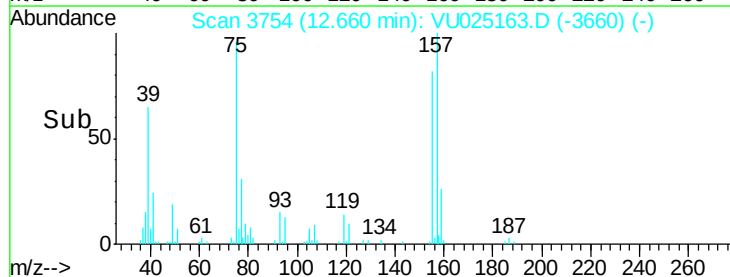
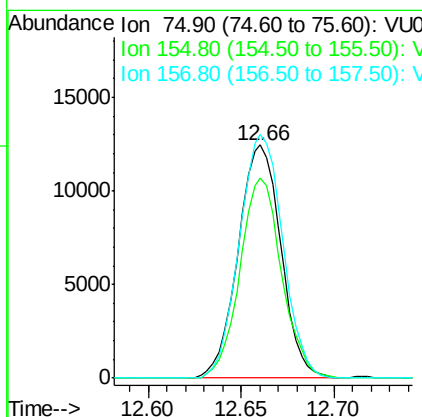
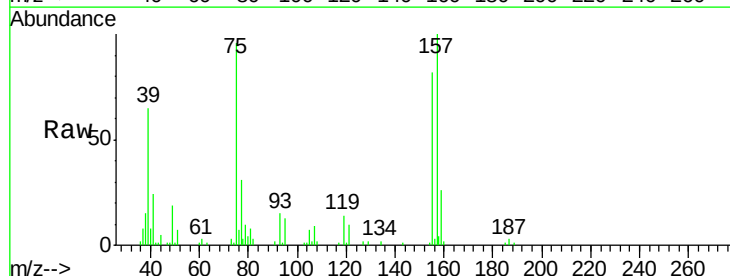
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

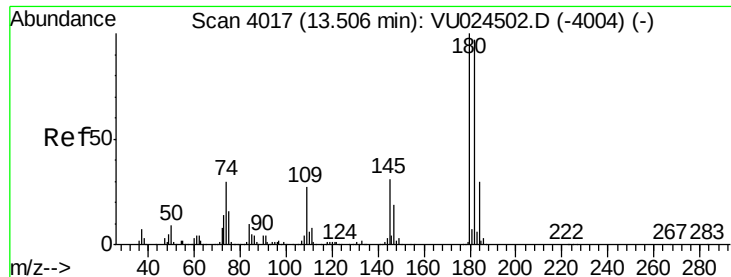
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.771 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	40.4	121.2
157	106.2	52.3	156.8

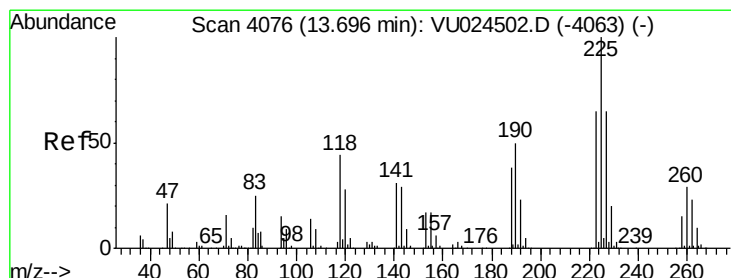
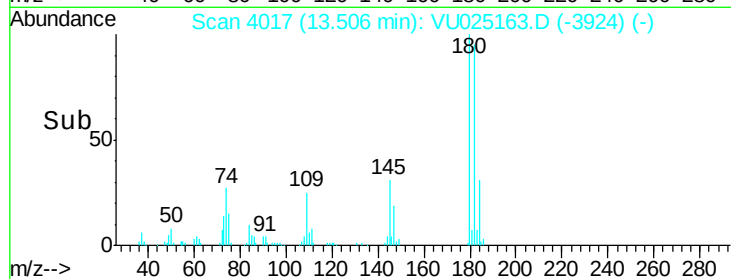
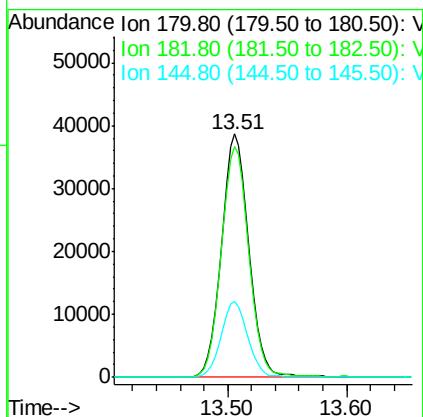
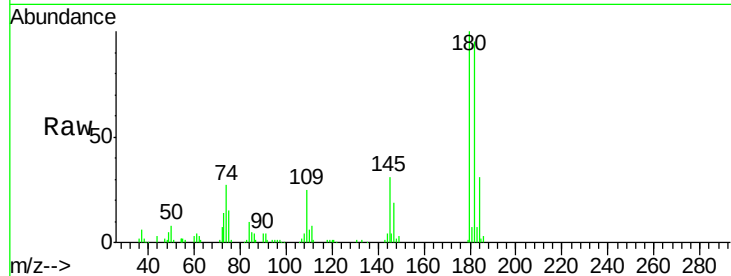




#93
 1,2,4-Trichlorobenzene
 Concen: 21.396 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

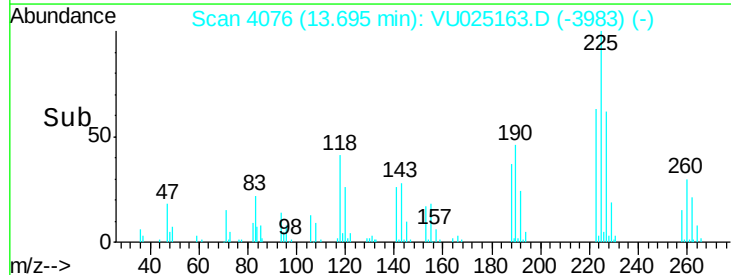
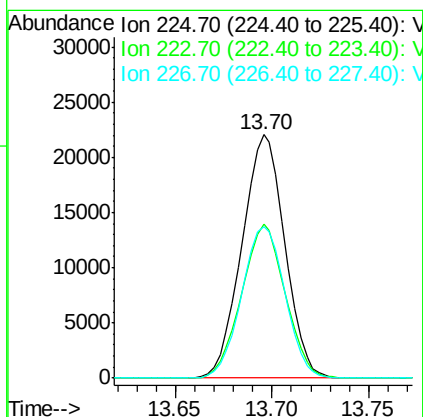
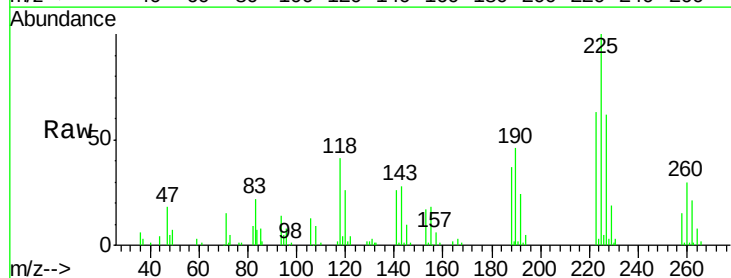
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBS03

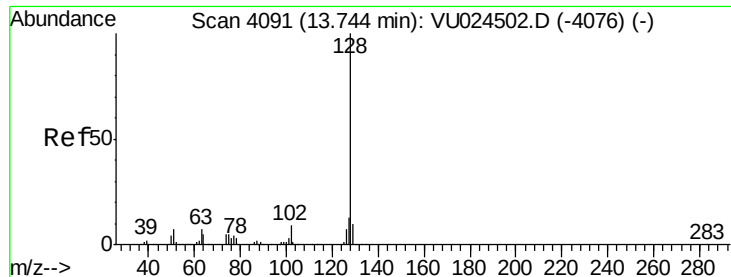
Tot Ion:180 Resp: 61584
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.0 144.2
 145 30.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 20.967 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025163.D
 Acq: 03 Jul 2018 00:10

Tgt Ion:225 Resp: 33967
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.3 93.8
 227 62.8 31.8 95.4





#95

Naphthalene

Concen: 22.830 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

Instrument :

MSVOA_U

ClientSampleId :

VU0702WBS03

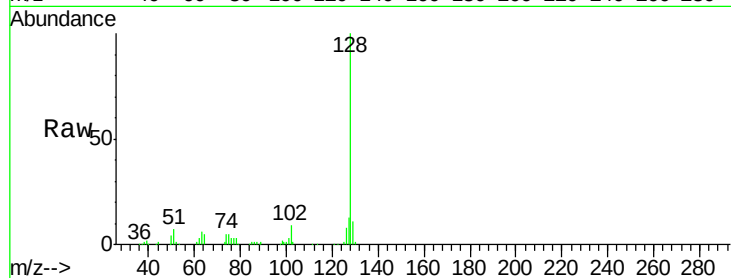
Tot Ion:128 Resp: 213975

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

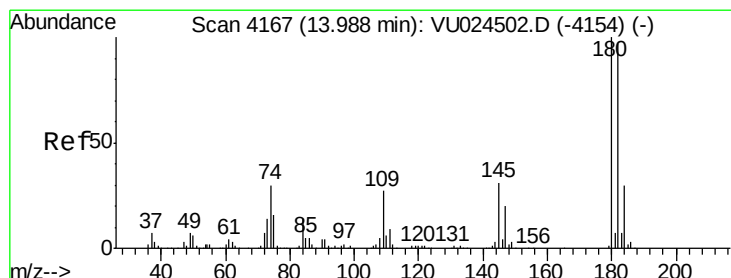
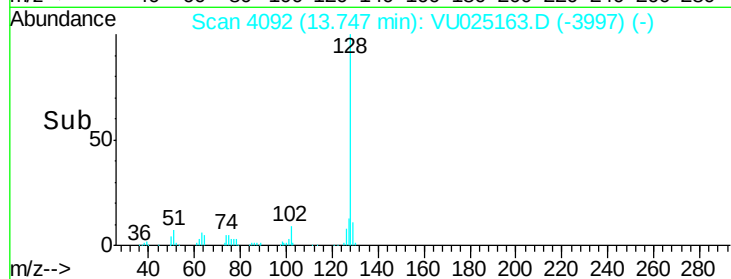
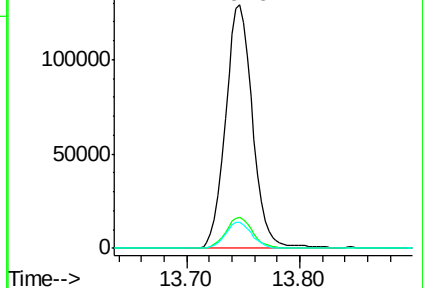
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.249 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025163.D

Acq: 03 Jul 2018 00:10

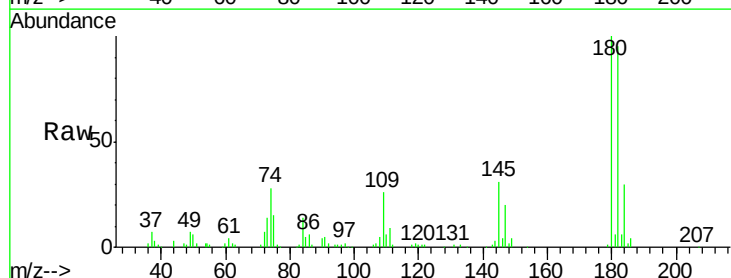
Tgt Ion:180 Resp: 66679

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 31.9 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

