

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025059.D
 Acq On : 29 Jun 2018 07:37
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 29 08:42:59 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	199645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307969	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	178202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141760	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
35) Dibromofluoromethane	4.89	113	115212	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
50) Toluene-d8	7.57	98	388718	41.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.38%	
62) 4-Bromofluorobenzene	10.31	95	163099	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	106072	42.447	ug/l	98
3) Chloromethane	1.33	50	116759	45.734	ug/l	100
4) Vinyl Chloride	1.40	62	125177	47.544	ug/l	99
5) Bromomethane	1.61	94	75849	59.593	ug/l	99
6) Chloroethane	1.69	64	78595	53.495	ug/l	99
7) Trichlorofluoromethane	1.88	101	199238	49.586	ug/l	99
8) Diethyl Ether	2.10	74	76642	56.286	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	118946	47.717	ug/l	97
10) Methyl Iodide	2.41	142	147832	67.952	ug/l	98
11) Tert butyl alcohol	2.83	59	190676	240.547	ug/l	99
12) 1,1-Dichloroethene	2.28	96	113987	50.143	ug/l	94
13) Acrolein	2.19	56	40049	96.212	ug/l	97
14) Allyl chloride	2.59	41	187469	44.415	ug/l	97
15) Acrylonitrile	2.93	53	389900	252.813	ug/l	99
16) Acetone	2.32	43	362087	206.766	ug/l	99
17) Carbon Disulfide	2.48	76	317759	43.654	ug/l	98
18) Methyl Acetate	2.62	43	233296	62.143	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	454862	53.231	ug/l	96
20) Methylene Chloride	2.70	84	137163	49.918	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	125608	50.168	ug/l	98
22) Diisopropyl ether	3.57	45	425416	50.844	ug/l	94
23) Vinyl Acetate	3.53	43	1720765	229.581	ug/l	98
24) 1,1-Dichloroethane	3.45	63	244626	50.822	ug/l	99
25) 2-Butanone	4.26	43	556913	236.758	ug/l	95
26) 2,2-Dichloropropane	4.23	77	140268	30.690	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	148688	51.655	ug/l	94
28) Bromochloromethane	4.55	49	97936	46.193	ug/l	84
29) Tetrahydrofuran	4.63	42	356713	244.883	ug/l	96
30) Chloroform	4.68	83	255790	52.503	ug/l	98
31) Cyclohexane	5.00	56	218069	51.059	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	237059	52.619	ug/l	95
36) 1,1-Dichloropropene	5.14	75	180029	49.747	ug/l	97
37) Ethyl Acetate	4.38	43	206755	52.418	ug/l	97
38) Carbon Tetrachloride	5.14	117	205023	51.519	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	223778	49.551	ug/l	95
40) Benzene	5.39	78	541491	52.512	ug/l	99
41) Methacrylonitrile	4.54	41	115490	54.307	ug/l	98
42) 1,2-Dichloroethane	5.41	62	213549	54.374	ug/l	100
43) Isopropyl Acetate	5.55	43	329945	48.394	ug/l	98
44) Trichloroethene	6.19	130	150365	51.237	ug/l	96
45) 1,2-Dichloropropane	6.44	63	141075	51.273	ug/l	98
46) Dibromomethane	6.56	93	101625	52.584	ug/l	92
47) Bromodichloromethane	6.76	83	194947	50.656	ug/l	98
48) Methyl methacrylate	6.62	41	174820	52.658	ug/l	97
49) 1,4-Dioxane	6.62	88	79085	1218.093	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	1064479	248.514	ug/l	97
52) Toluene	7.64	92	347841	52.431	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	199555	46.174	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	211959	46.026	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	143489	53.208	ug/l	97
56) Ethyl methacrylate	8.02	69	223818	49.587	ug/l	100
57) 1,3-Dichloropropane	8.25	76	241715	53.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	53747	31.082	ug/l	93
59) 2-Hexanone	8.36	43	850970	243.345	ug/l	97
60) Dibromochloromethane	8.48	129	161772	48.106	ug/l	100
61) 1,2-Dibromoethane	8.59	107	156287	52.069	ug/l	99
64) Tetrachloroethene	8.23	164	156699	56.217	ug/l	99
65) Chlorobenzene	9.12	112	399814	53.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	147856	51.950	ug/l	97
67) Ethyl Benzene	9.25	91	686263	52.256	ug/l	96
68) m/p-Xylenes	9.38	106	534417	105.972	ug/l	98
69) o-Xylene	9.78	106	267319	53.562	ug/l	96
70) Styrene	9.80	104	425542	51.885	ug/l	99
71) Bromoform	9.96	173	128298	47.427	ug/l #	99
73) Isopropylbenzene	10.17	105	716098	52.340	ug/l	100
74) N-amyl acetate	10.01	43	295712	45.441	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	238240	51.964	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	270776	69.016	ug/l	81
77) Bromobenzene	10.45	156	185501	53.556	ug/l	93
78) n-propylbenzene	10.59	91	808098	50.140	ug/l	97
79) 2-Chlorotoluene	10.66	91	487281	51.269	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	615600	51.912	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	270776	159.733	ug/l #	100
82) 4-Chlorotoluene	10.78	91	564323	51.014	ug/l	99
83) tert-Butylbenzene	11.10	119	604262	52.973	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	621359	51.416	ug/l	100
85) sec-Butylbenzene	11.33	105	736132	51.555	ug/l	98
86) p-Isopropyltoluene	11.48	119	648385	50.703	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	335795	52.475	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	338066	52.488	ug/l	100
89) n-Butylbenzene	11.89	91	518801	45.696	ug/l	96
90) Hexachloroethane	12.15	117	108667	43.560	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	348555	54.380	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62062	49.058	ug/l	92

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

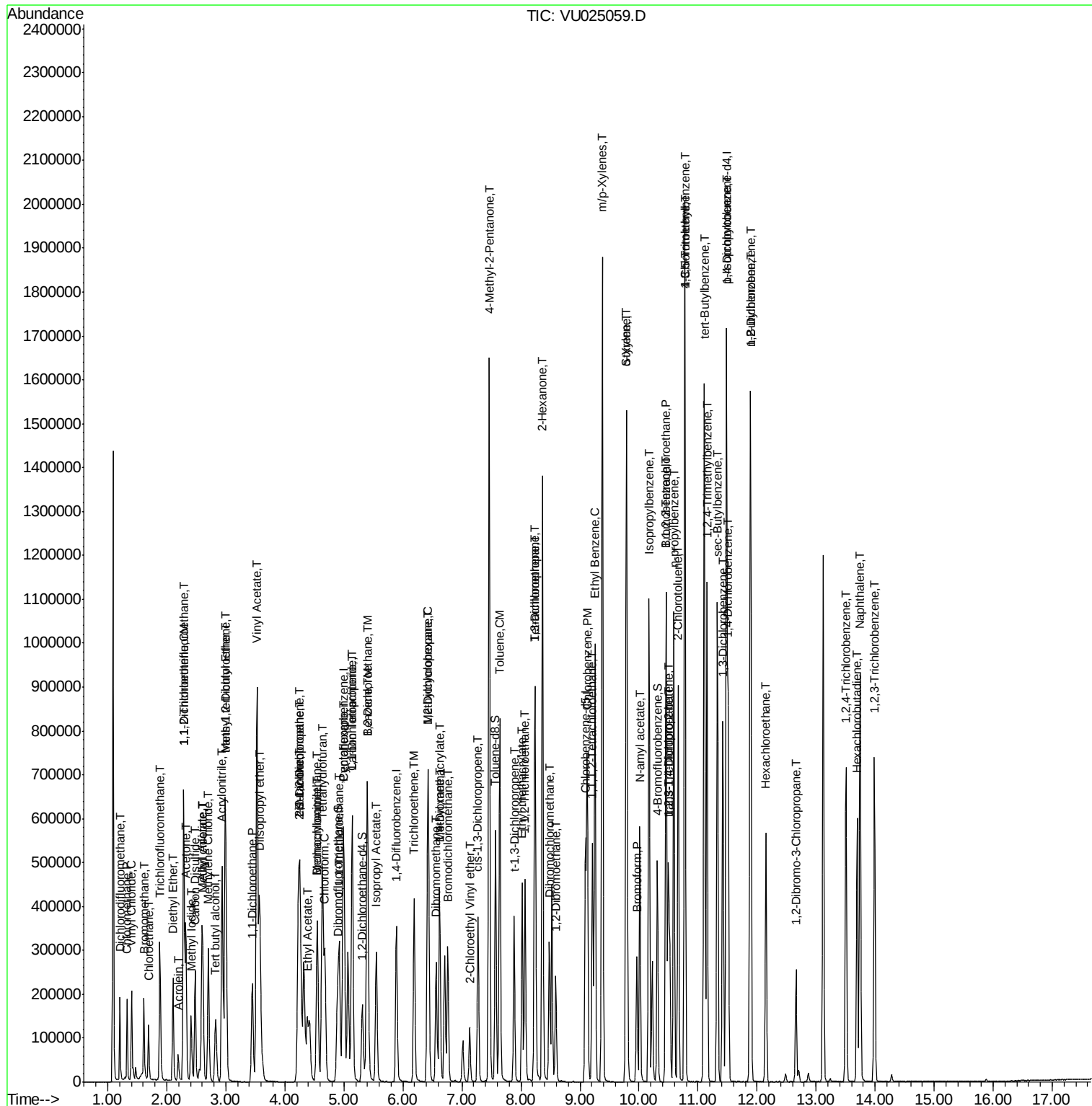
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	219449	55.444	ug/l	99
94) Hexachlorobutadiene	13.70	225	114485	51.389	ug/l	98
95) Naphthalene	13.74	128	746879	56.905	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	228782	58.008	ug/l	99

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

```
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Acq On    : 29 Jun 2018   07:37
Operator  : MD/SY
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 55   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 29 08:42:59 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

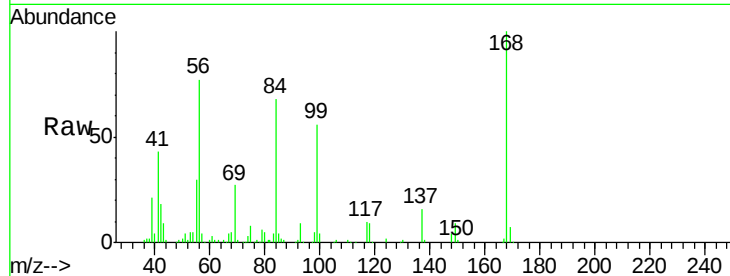
VSTDCCC050EC

Tgt Ion:168 Resp: 199645

Ion Ratio Lower Upper

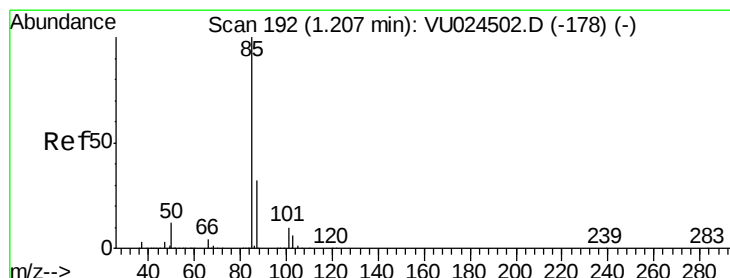
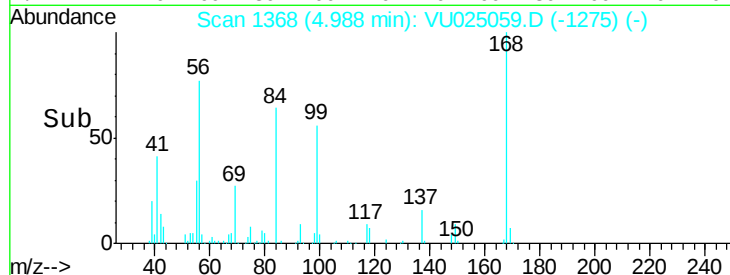
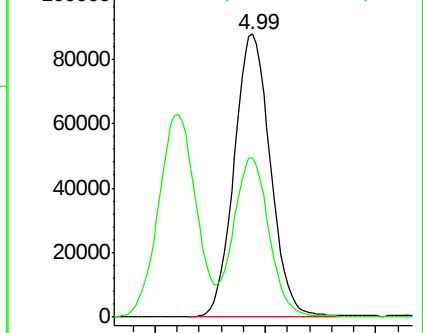
168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 42.447 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025059.D

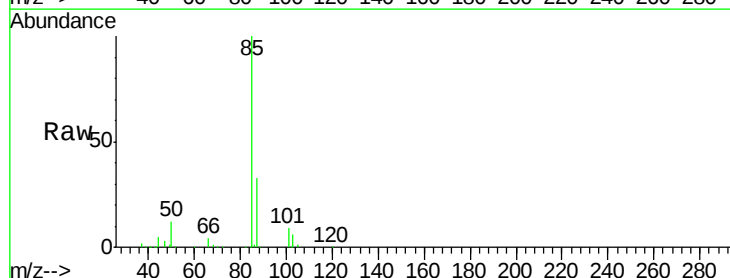
Acq: 29 Jun 2018 07:37

Tgt Ion: 85 Resp: 106072

Ion Ratio Lower Upper

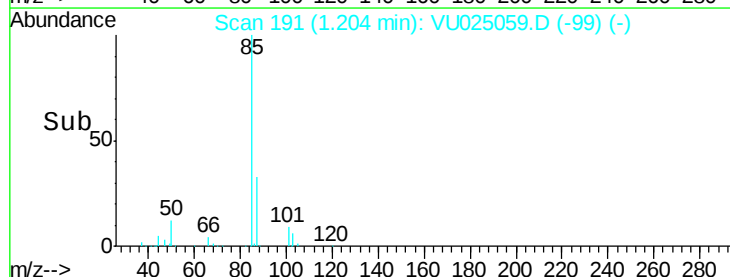
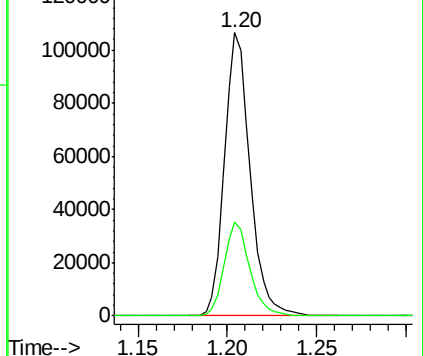
85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 45.734 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

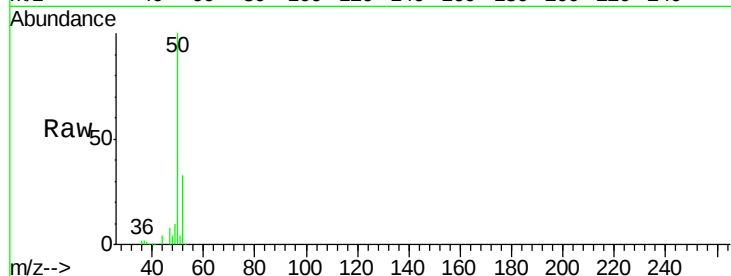
VSTDCCC050EC

Tgt Ion: 50 Resp: 116759

Ion Ratio Lower Upper

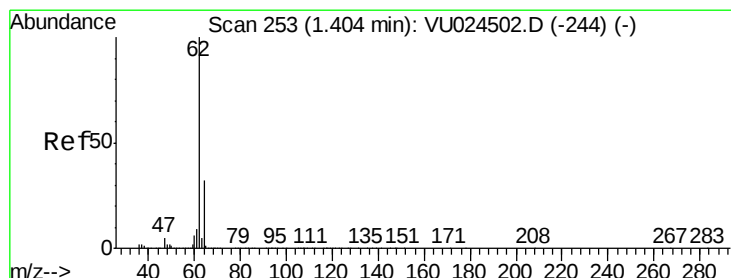
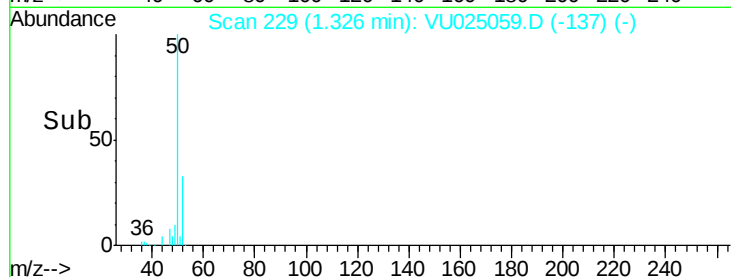
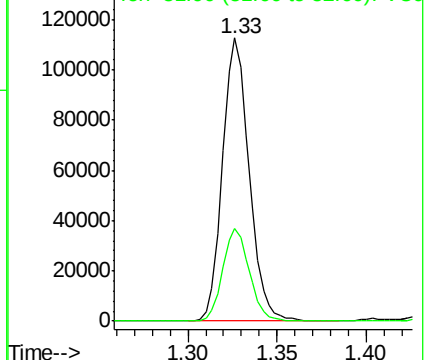
50 100

52 32.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.544 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025059.D

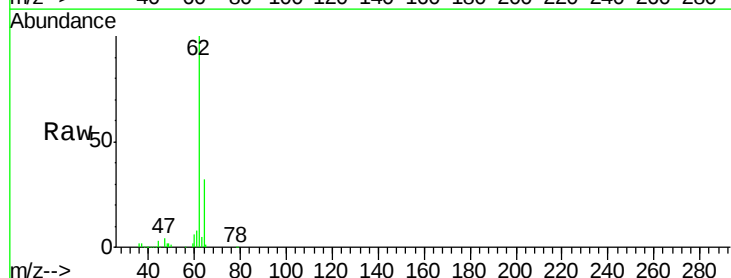
Acq: 29 Jun 2018 07:37

Tgt Ion: 62 Resp: 125177

Ion Ratio Lower Upper

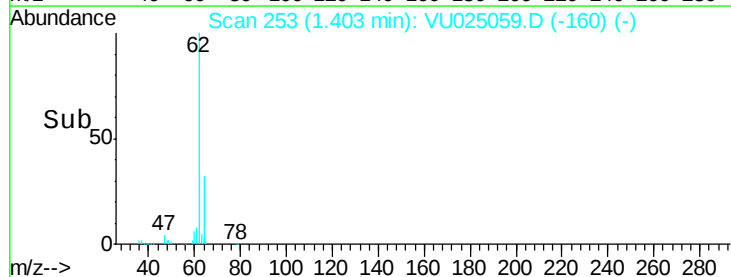
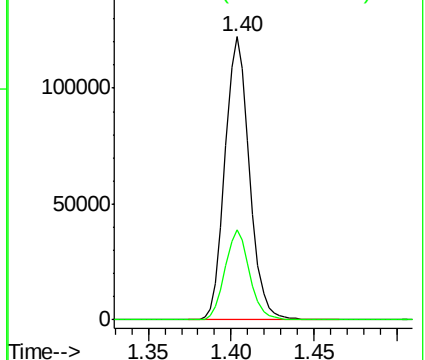
62 100

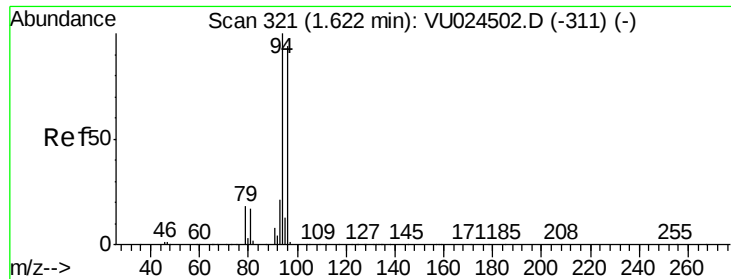
64 31.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 59.593 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

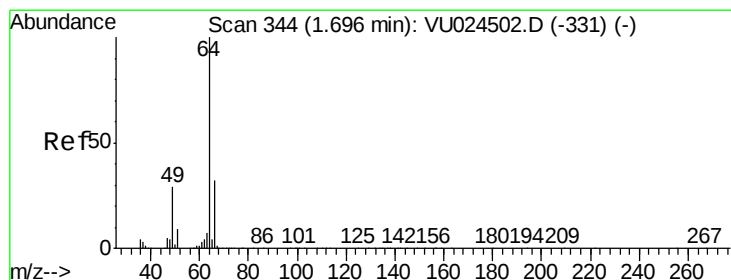
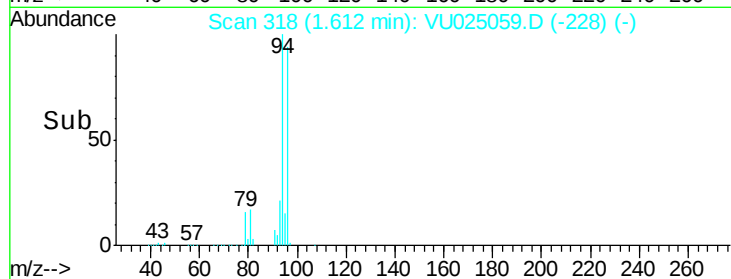
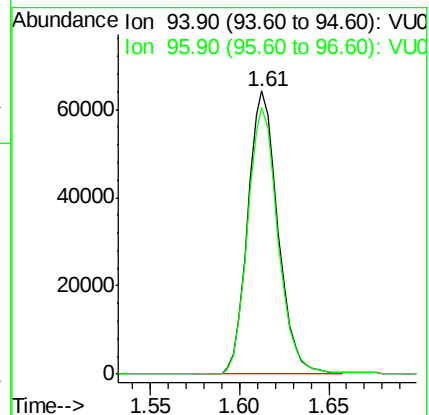
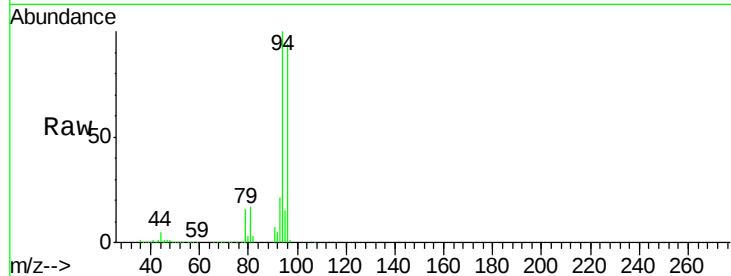
VSTDCCC050EC

Tgt Ion: 94 Resp: 75849

Ion Ratio Lower Upper

94 100

96 94.0 74.5 111.7



#6

Chloroethane

Concen: 53.495 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025059.D

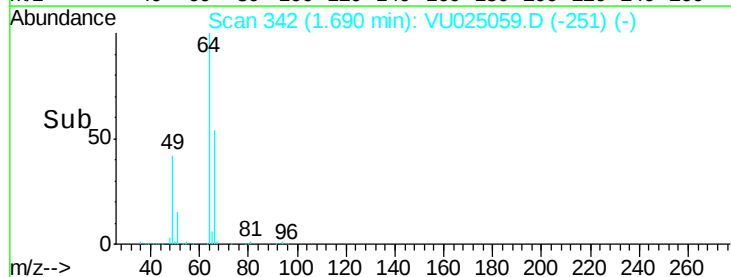
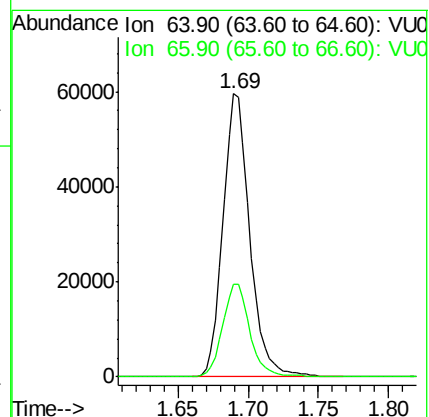
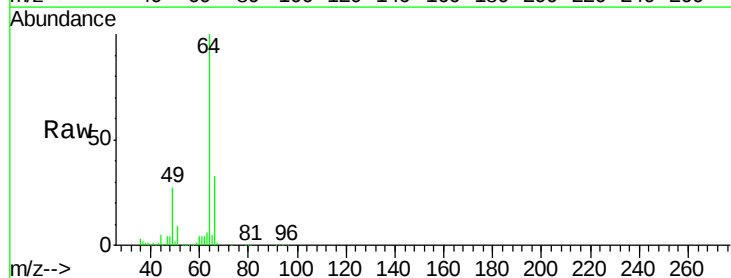
Acq: 29 Jun 2018 07:37

Tgt Ion: 64 Resp: 78595

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



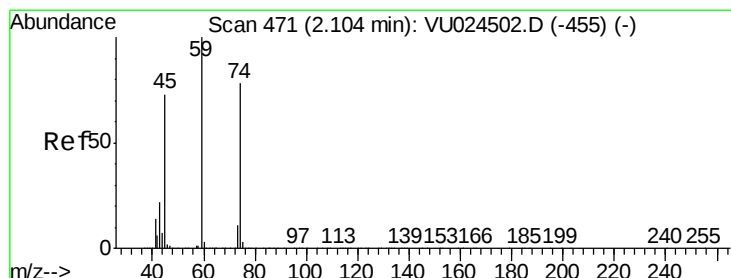
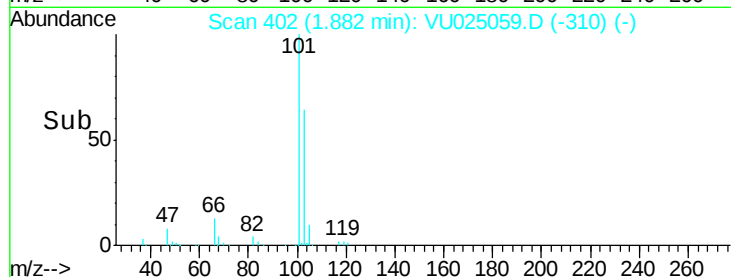
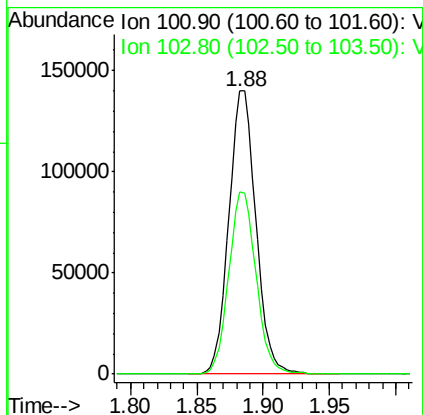
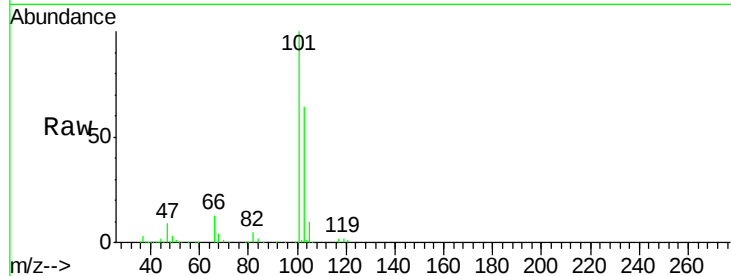


#7

Trichlorofluoromethane
Concen: 49.586 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

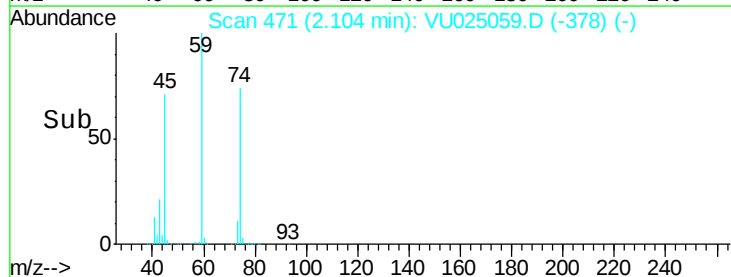
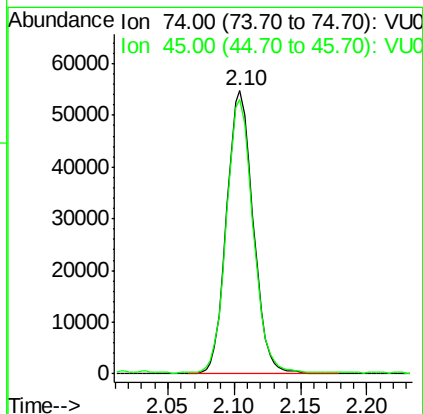
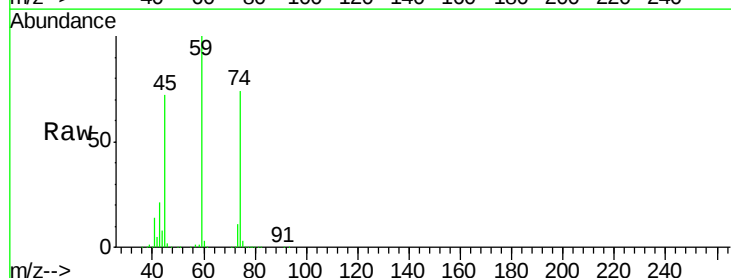
Tgt Ion:101 Resp: 199238
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5



#8

Diethyl Ether
Concen: 56.286 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 74 Resp: 76642
Ion Ratio Lower Upper
74 100
45 96.8 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.717 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

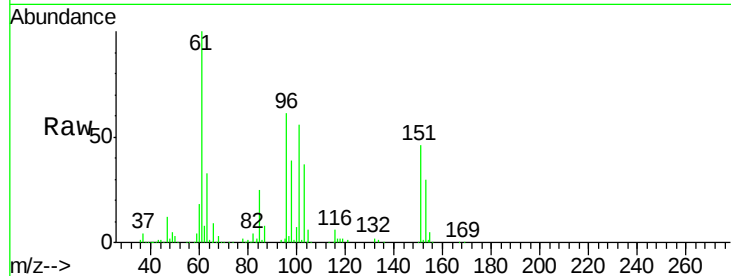
Tgt Ion:101 Resp: 118946

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

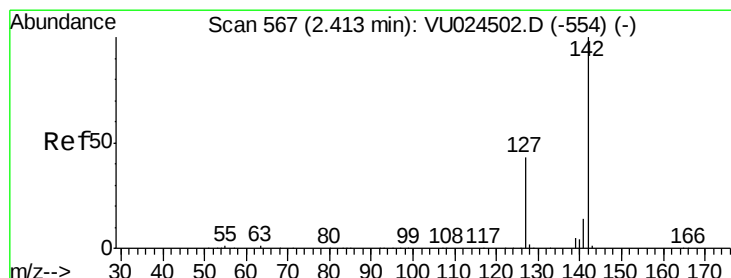
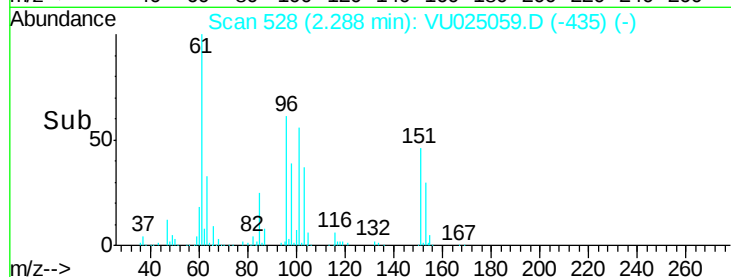
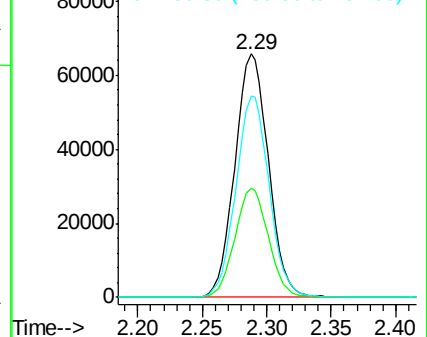
151 82.2 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 67.952 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

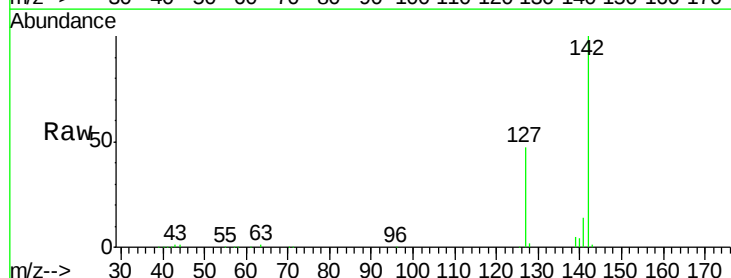
Tgt Ion:142 Resp: 147832

Ion Ratio Lower Upper

142 100

127 46.0 35.6 53.4

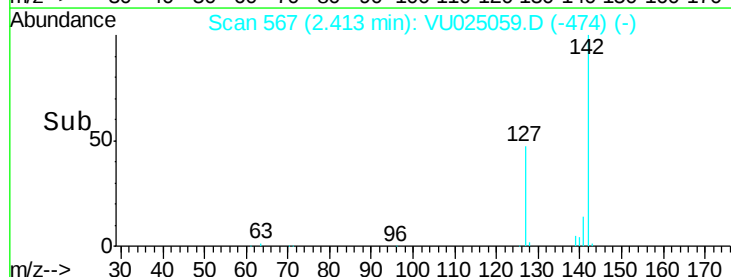
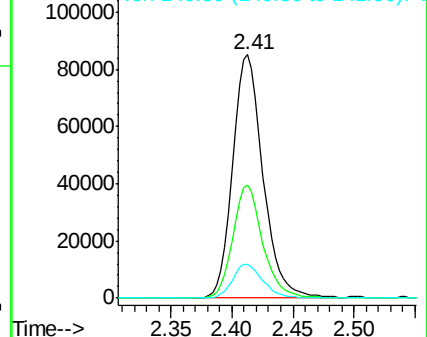
141 14.0 11.7 17.5



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



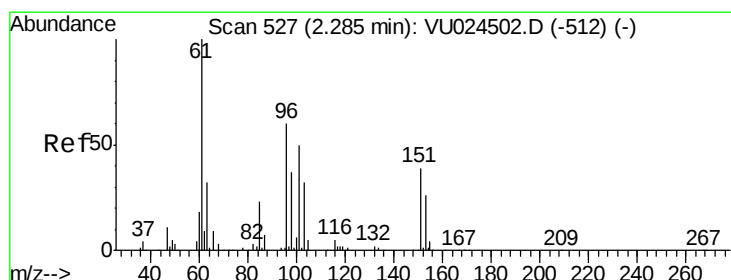
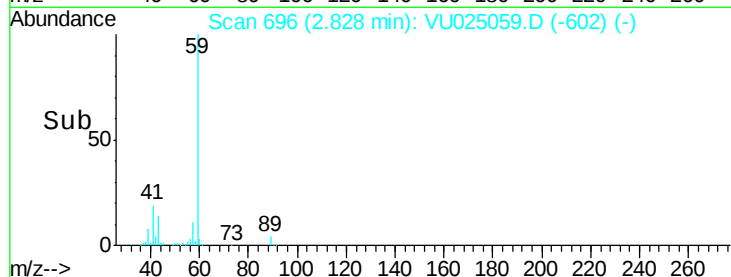
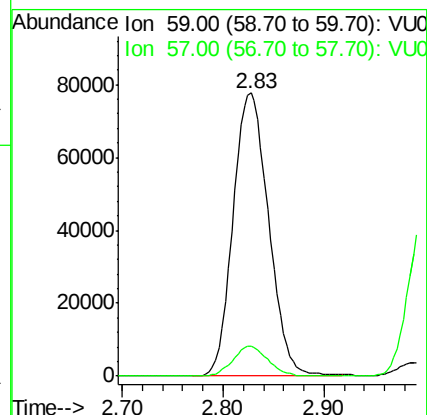
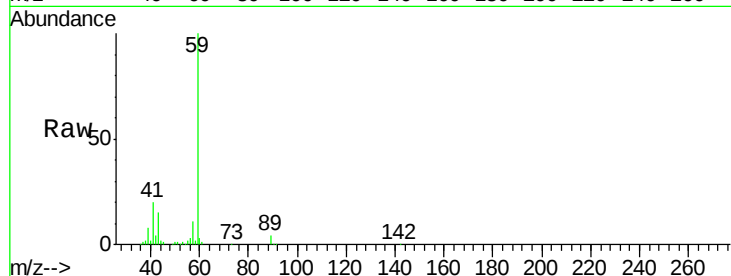


#11

Tert butyl alcohol
 Concen: 240.547 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

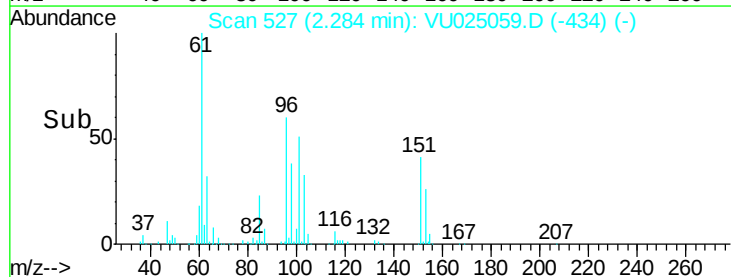
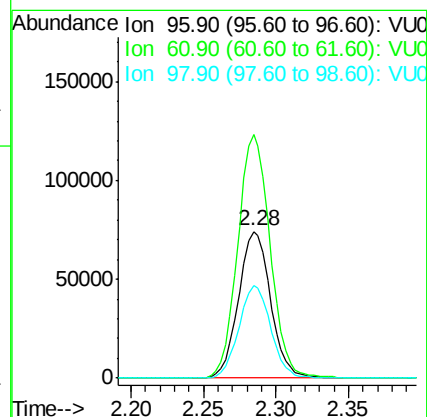
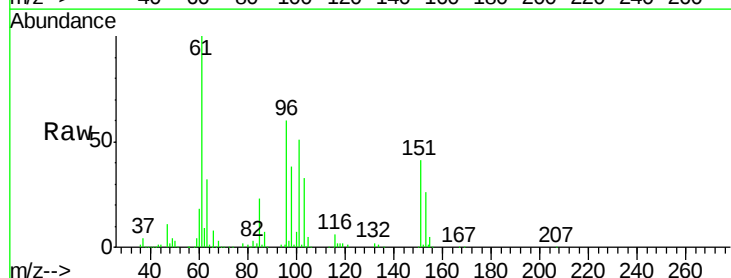
Tgt Ion: 59 Resp: 190676
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

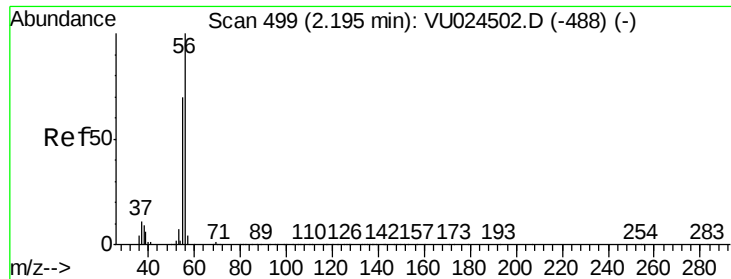


#12

1,1-Dichloroethene
 Concen: 50.143 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion: 96 Resp: 113987
 Ion Ratio Lower Upper
 96 100
 61 165.7 141.7 212.5
 98 63.0 51.6 77.4





#13

Acrolein

Concen: 96.212 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

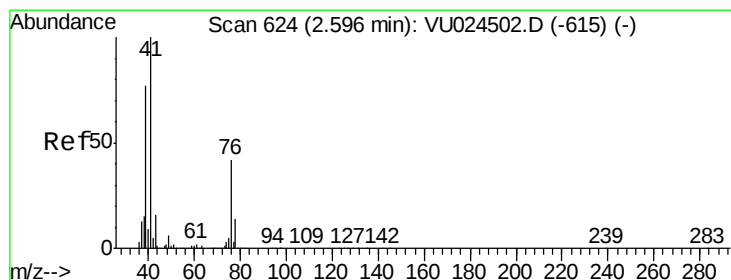
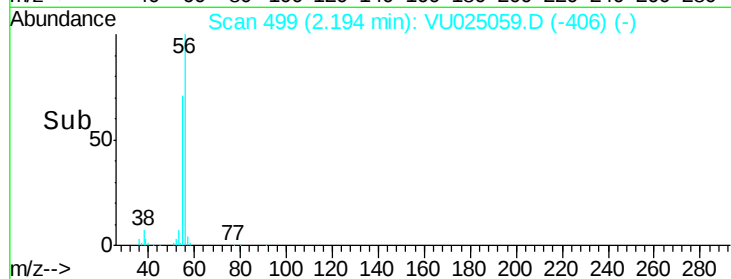
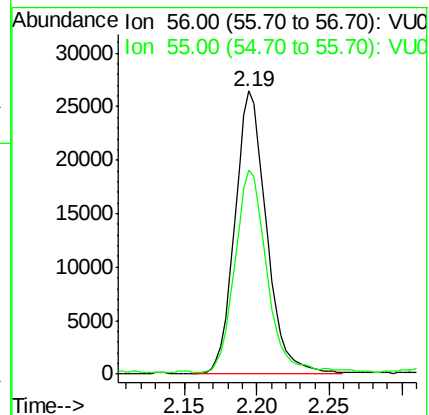
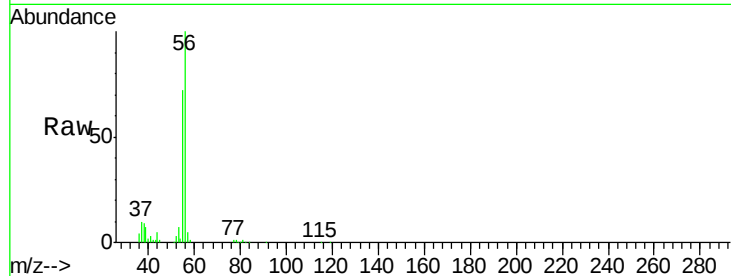
VSTDCCC050EC

Tgt Ion: 56 Resp: 40049

Ion Ratio Lower Upper

56 100

55 70.9 58.4 87.6



#14

Allyl chloride

Concen: 44.415 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

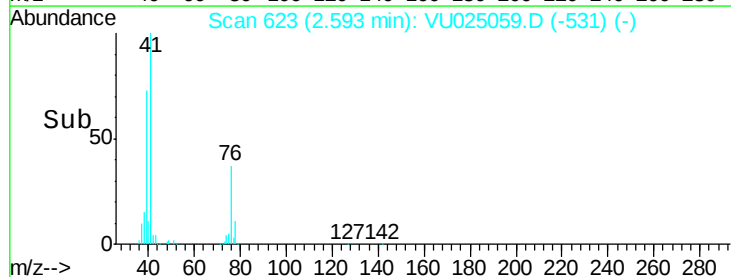
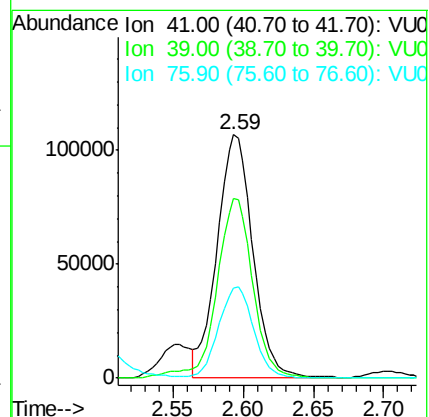
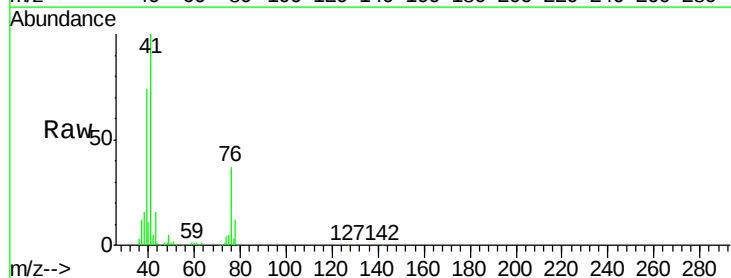
Tgt Ion: 41 Resp: 187469

Ion Ratio Lower Upper

41 100

39 74.0 61.6 92.4

76 36.4 29.7 44.5





#15

Acrylonitrile

Concen: 252.813 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

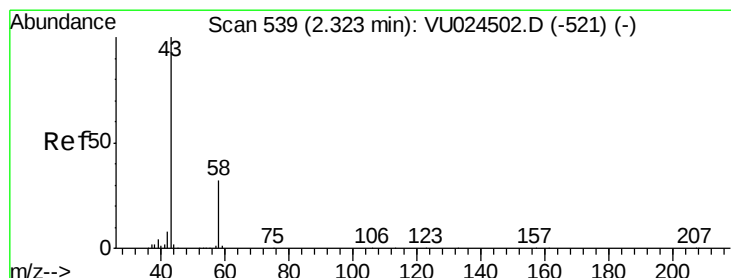
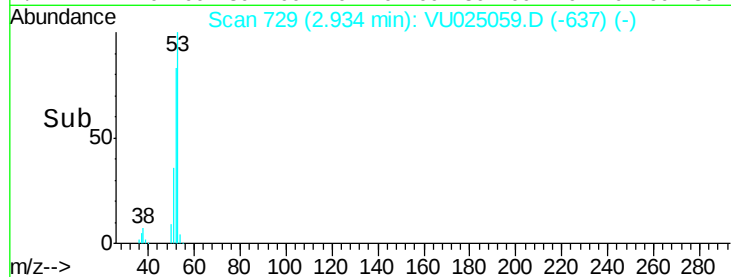
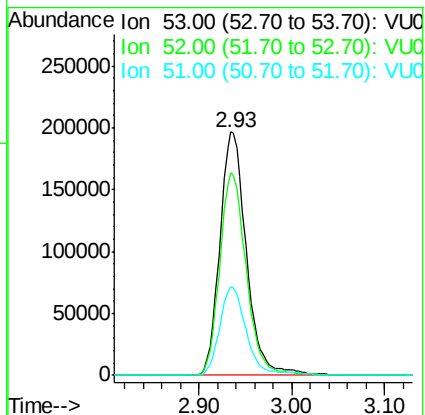
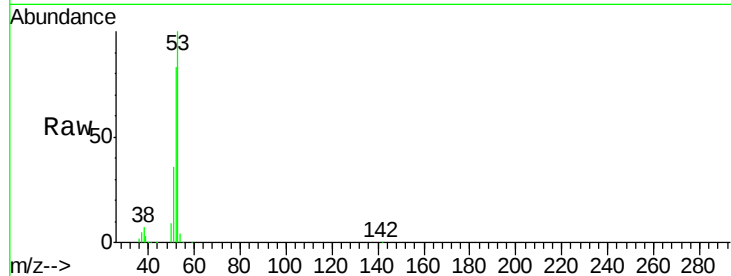
Tgt Ion: 53 Resp: 389900

Ion Ratio Lower Upper

53 100

52 83.4 67.1 100.7

51 36.9 28.4 42.6



#16

Acetone

Concen: 206.766 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025059.D

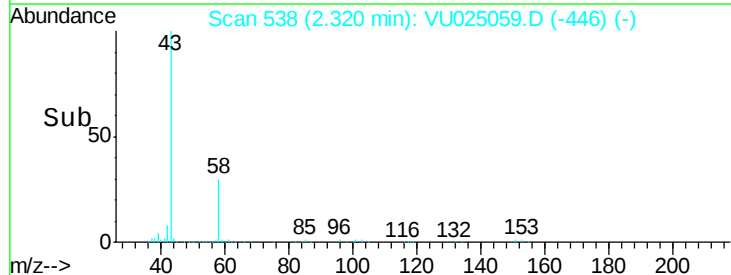
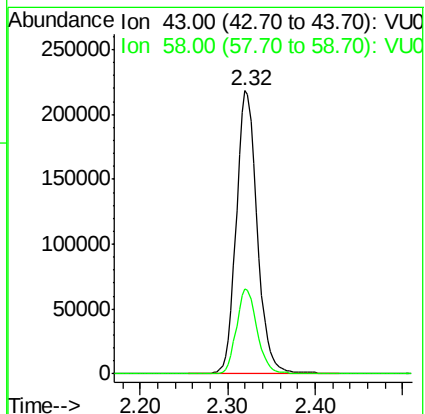
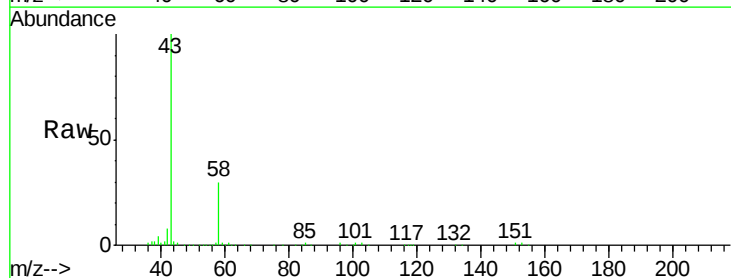
Acq: 29 Jun 2018 07:37

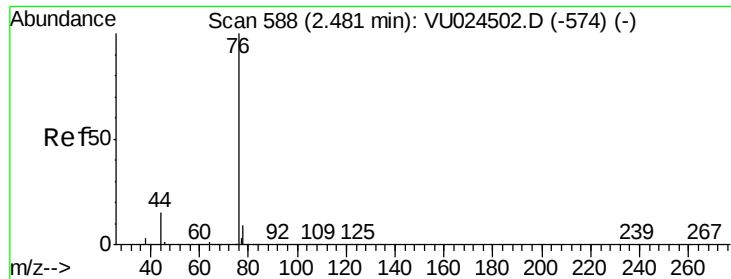
Tgt Ion: 43 Resp: 362087

Ion Ratio Lower Upper

43 100

58 29.9 24.4 36.6

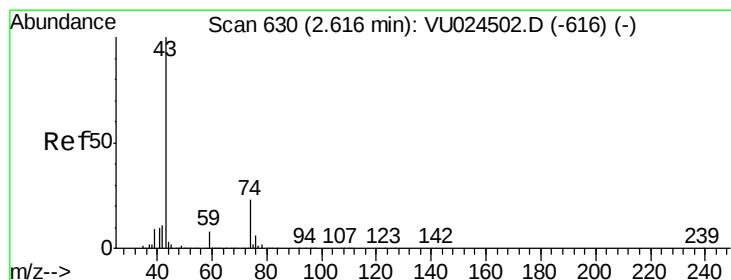
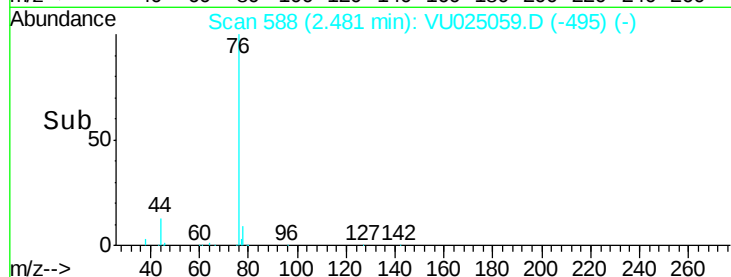
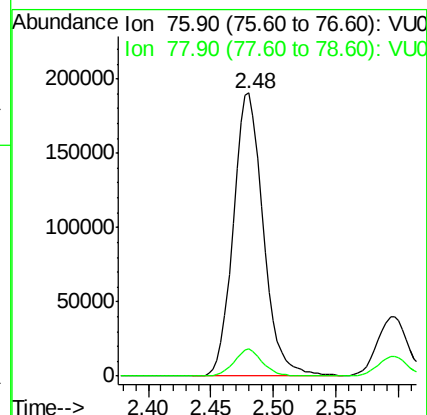
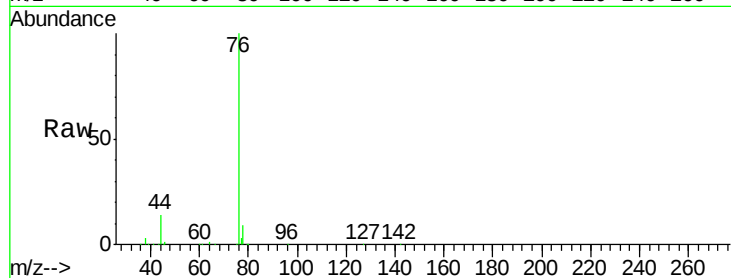




#17
Carbon Disulfide
Concen: 43.654 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

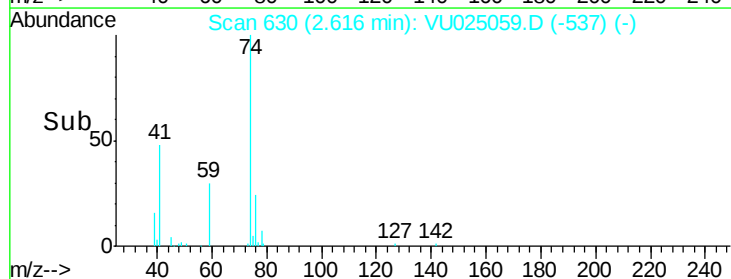
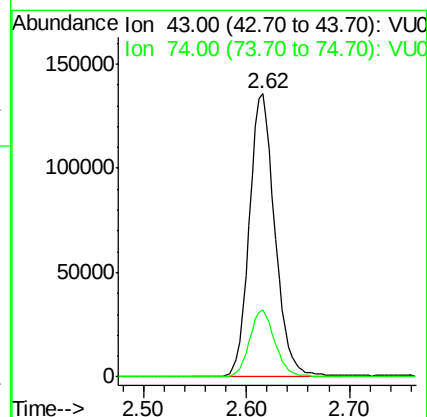
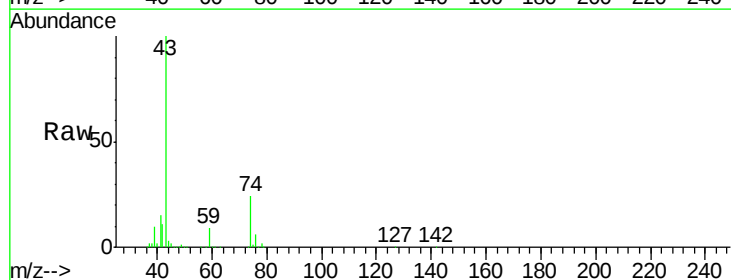
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

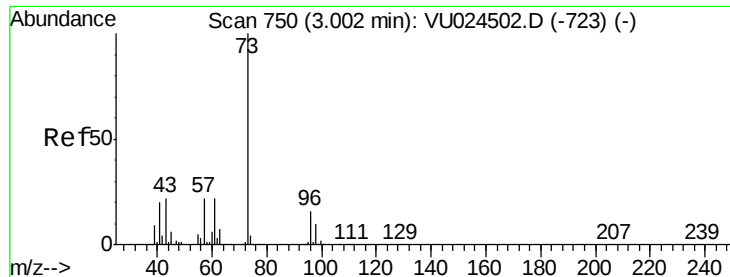
Tgt Ion: 76 Resp: 317759
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 62.143 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 43 Resp: 233296
Ion Ratio Lower Upper
43 100
74 23.6 18.0 27.0

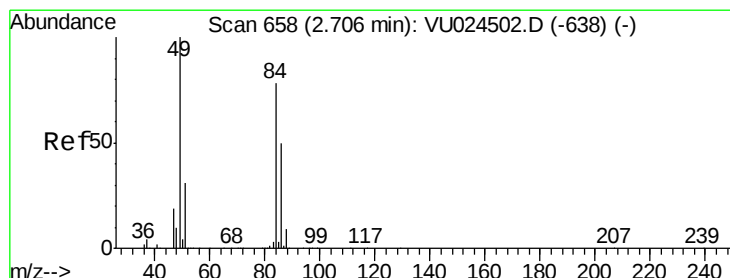
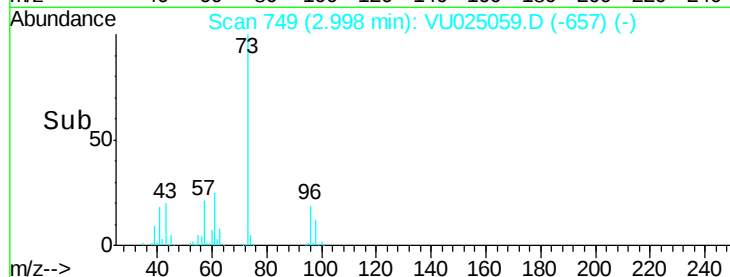
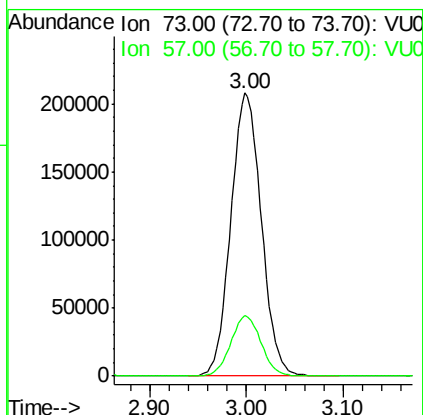
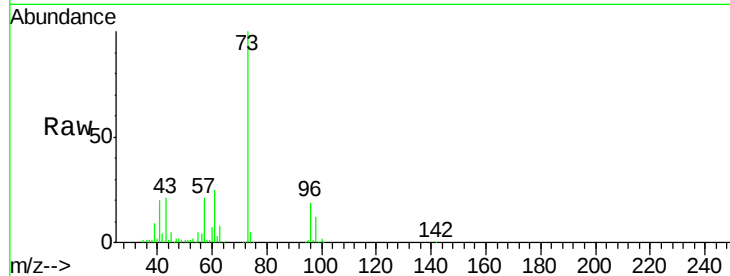




#19
Methyl tert-butyl Ether
Concen: 53.231 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

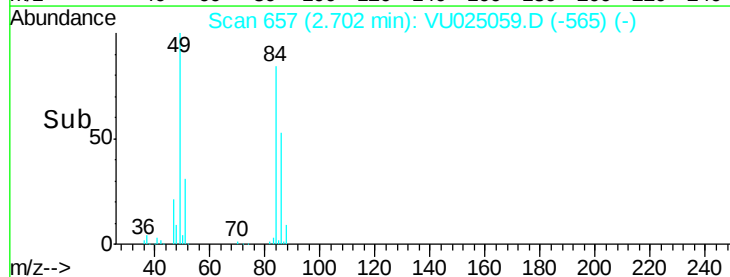
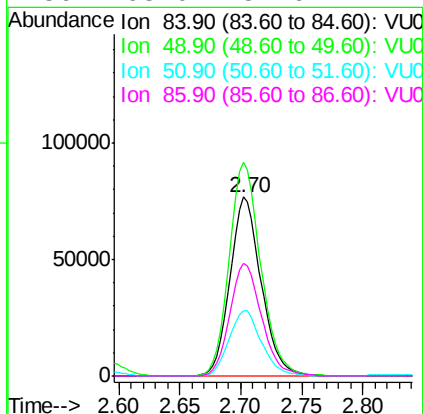
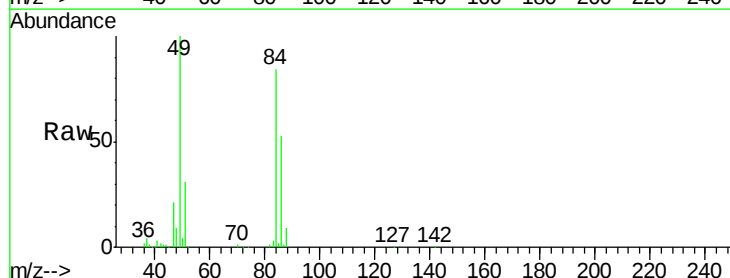
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

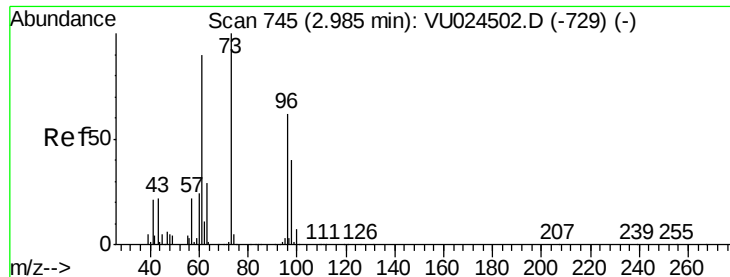
Tgt Ion: 73 Resp: 454862
Ion Ratio Lower Upper
73 100
57 21.4 18.8 28.2



#20
Methylene Chloride
Concen: 49.918 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 84 Resp: 137163
Ion Ratio Lower Upper
84 100
49 119.6 103.8 155.8
51 36.9 32.0 48.0
86 63.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 50.168 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

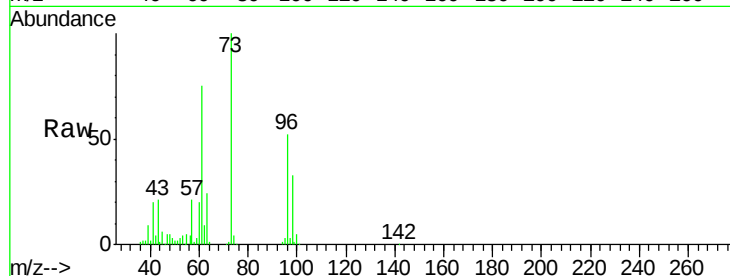
Tgt Ion: 96 Resp: 125608

Ion Ratio Lower Upper

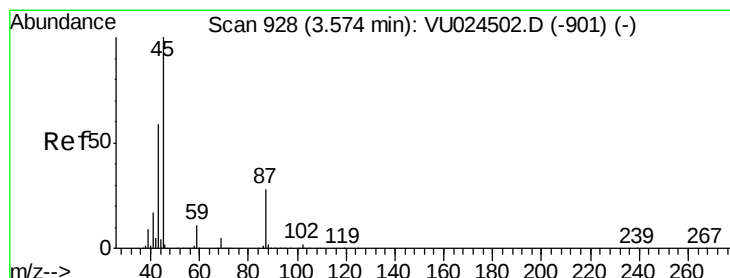
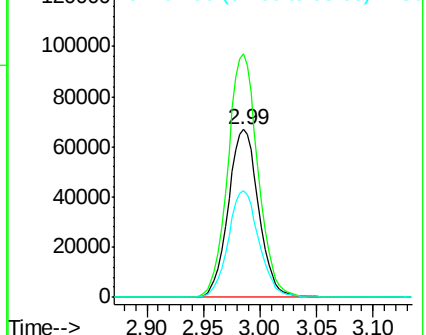
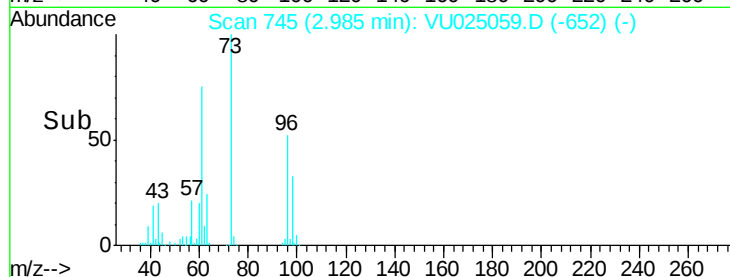
96 100

61 145.1 119.4 179.0

98 63.5 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU025059.D (-652) (-)



#22

Diisopropyl ether

Concen: 50.844 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Tgt Ion: 45 Resp: 425416

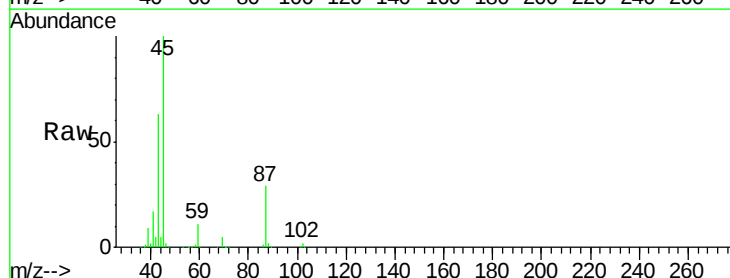
Ion Ratio Lower Upper

45 100

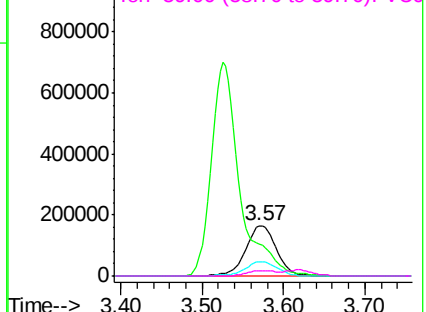
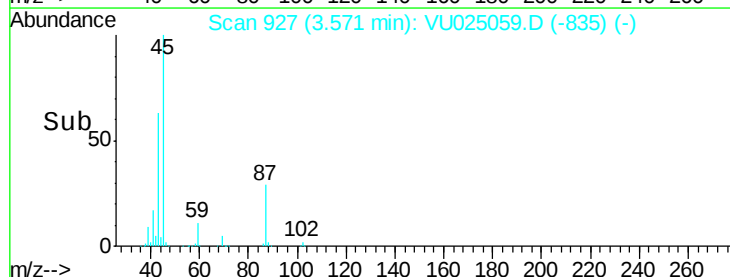
43 62.0 45.8 68.6

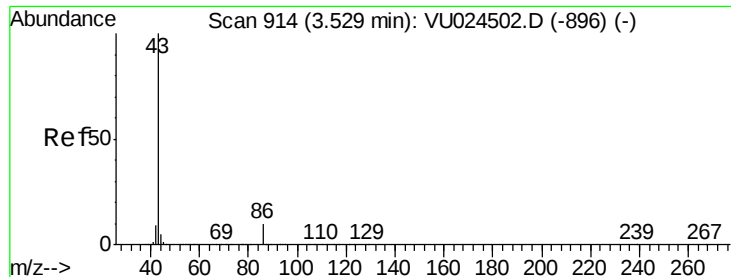
87 29.0 20.6 31.0

59 11.2 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU025059.D (-835) (-)





#23

Vinyl Acetate

Concen: 229.581 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

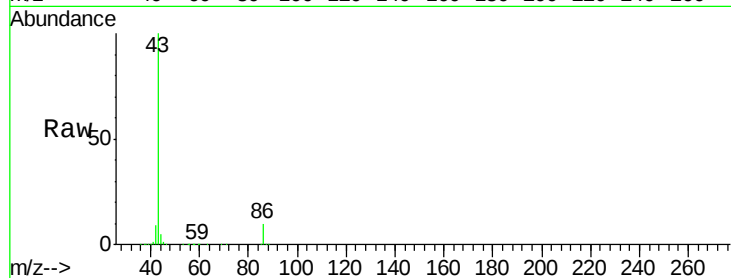
VSTDCCC050EC

Tgt Ion: 43 Resp: 1720765

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

800000

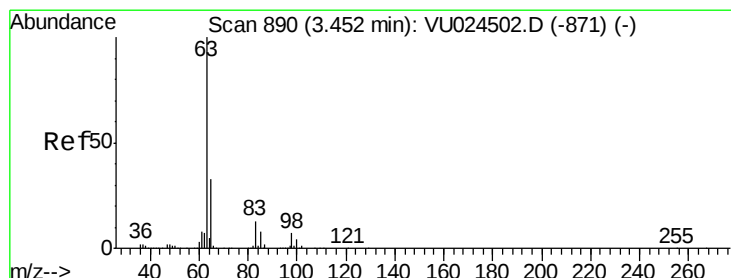
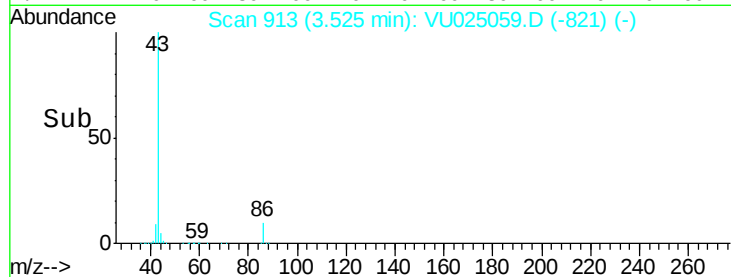
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.822 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

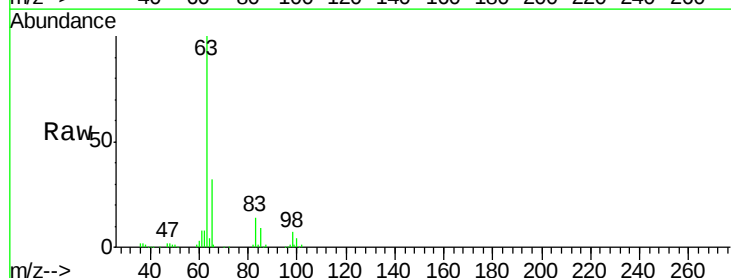
Tgt Ion: 63 Resp: 244626

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.0 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

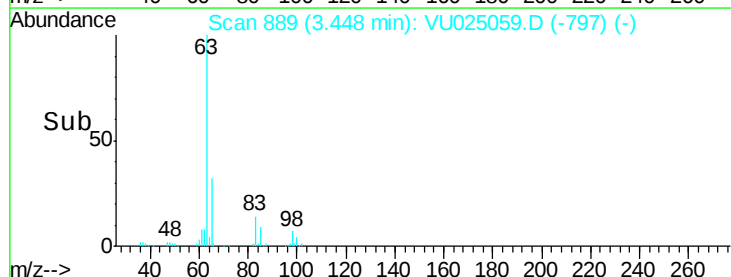
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 236.758 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

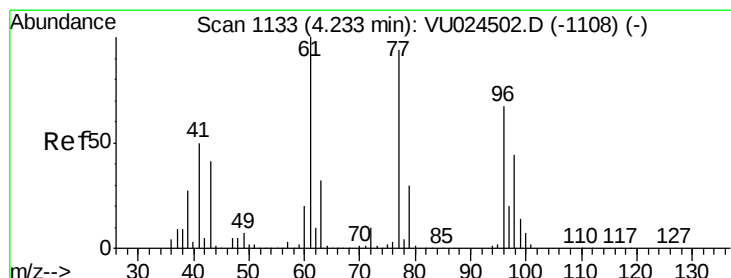
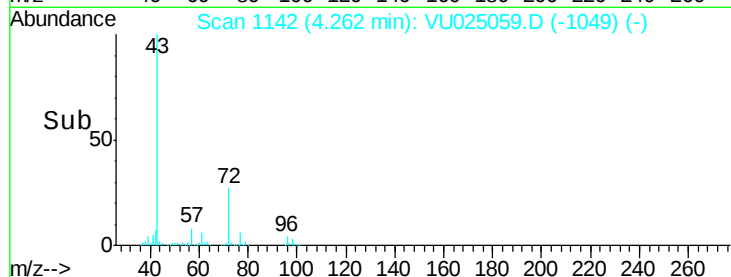
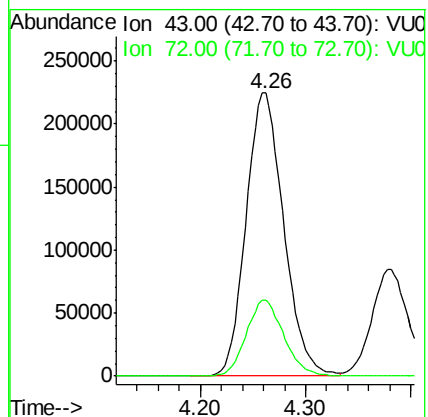
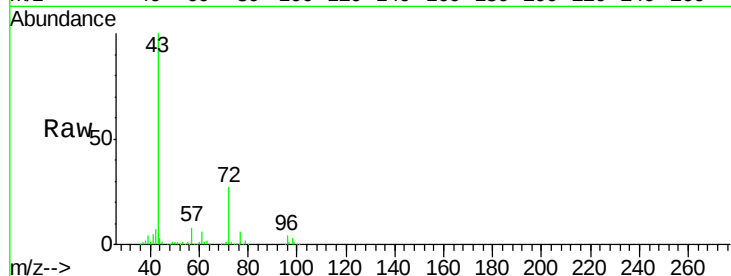
VSTDCCC050EC

Tgt Ion: 43 Resp: 556913

Ion Ratio Lower Upper

43 100

72 26.9 19.6 29.4



#26

2,2-Dichloropropane

Concen: 30.690 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025059.D

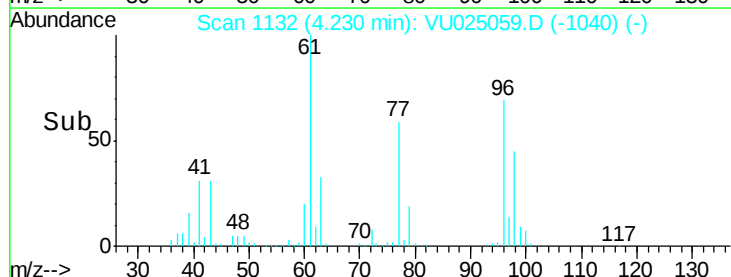
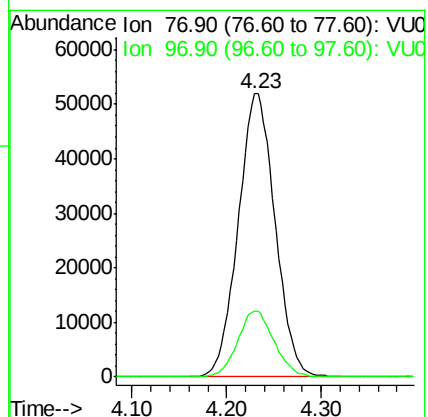
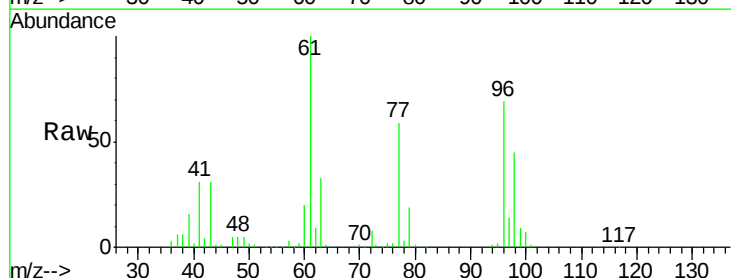
Acq: 29 Jun 2018 07:37

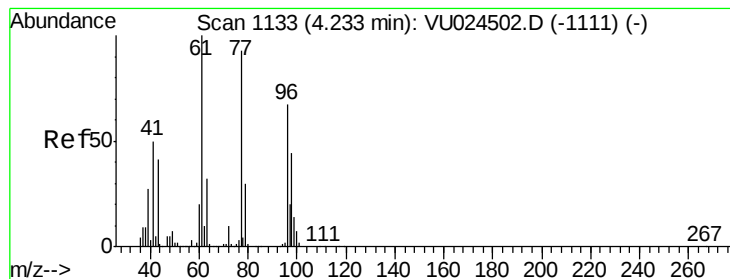
Tgt Ion: 77 Resp: 140268

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.655 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

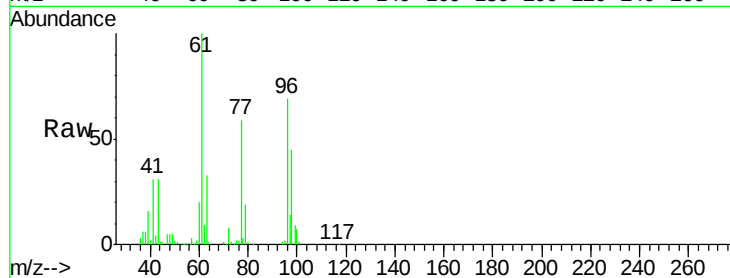
Tgt Ion: 96 Resp: 148688

Ion Ratio Lower Upper

96 100

61 143.3 0.0 306.6

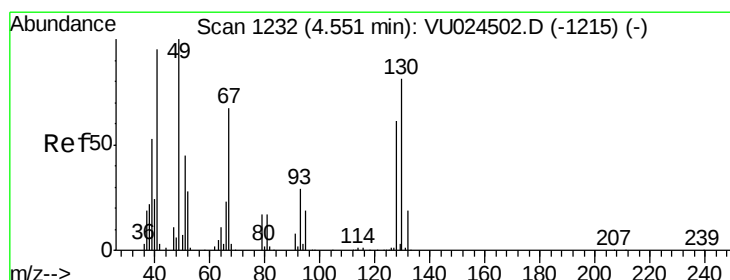
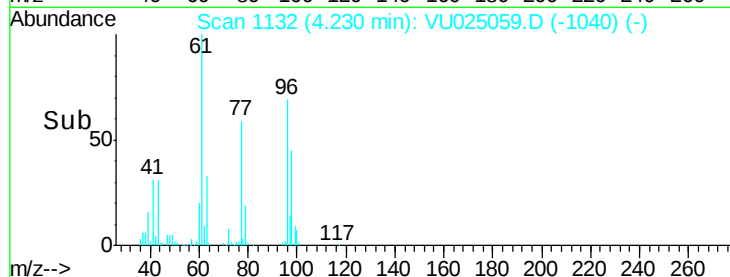
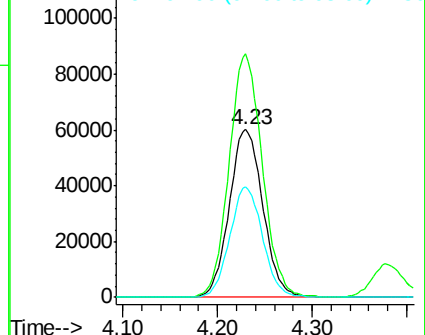
98 64.1 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU025059.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU025059.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU025059.D (-1040) (-)



#28

Bromochloromethane

Concen: 46.193 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

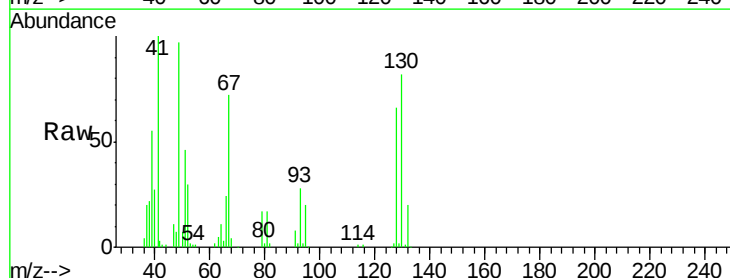
Tgt Ion: 49 Resp: 97936

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

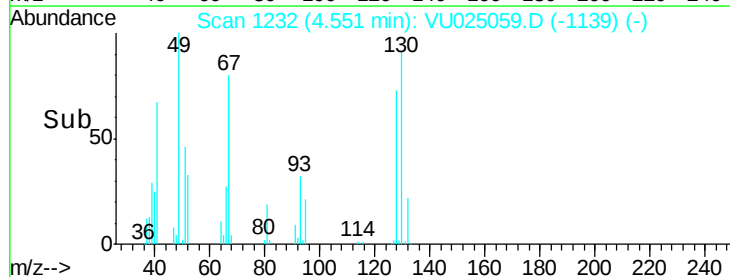
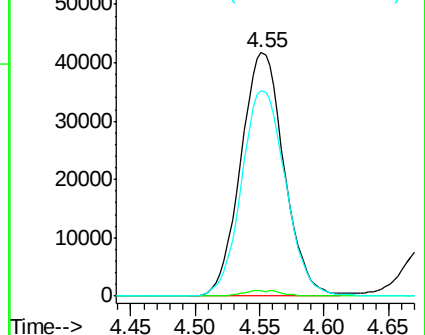
130 85.8 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU025059.D (-1139) (-)

Ion 128.80 (128.50 to 129.50): VU025059.D (-1139) (-)

Ion 129.80 (129.50 to 130.50): VU025059.D (-1139) (-)





#29

Tetrahydrofuran

Concen: 244.883 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

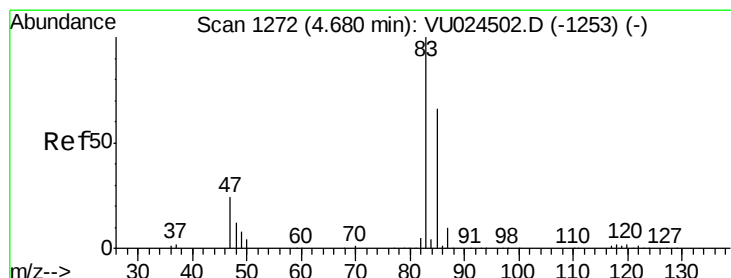
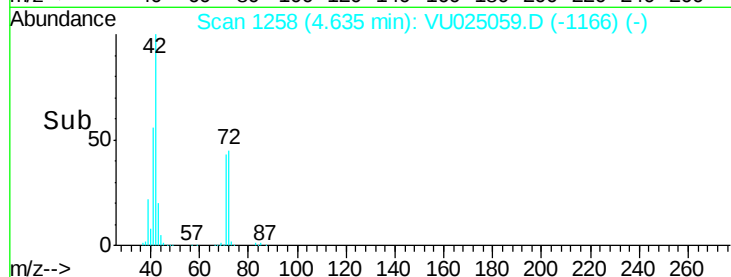
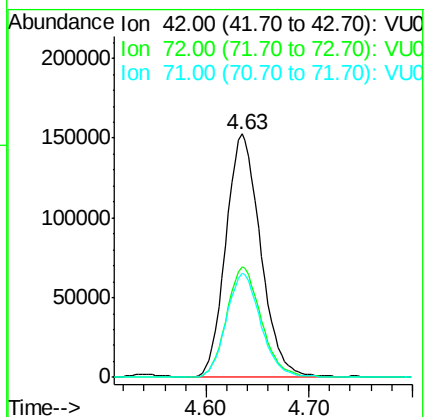
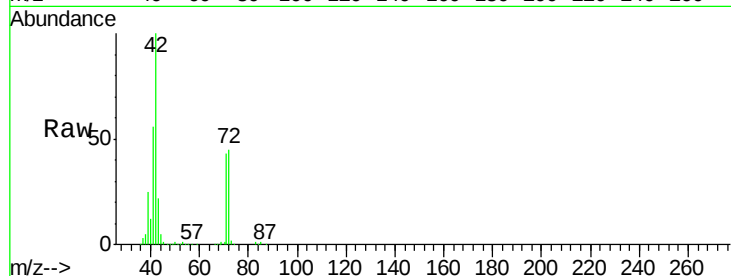
Tgt Ion: 42 Resp: 356713

Ion Ratio Lower Upper

42 100

72 45.8 34.5 51.7

71 42.6 32.2 48.4



#30

Chloroform

Concen: 52.503 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025059.D

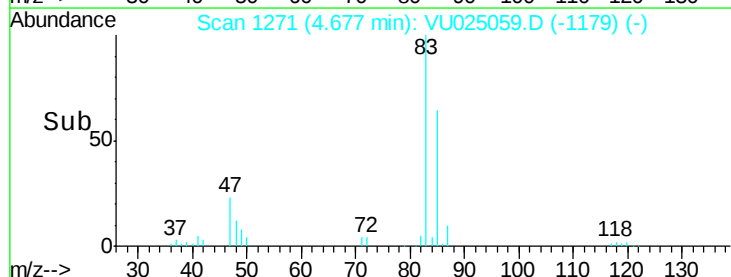
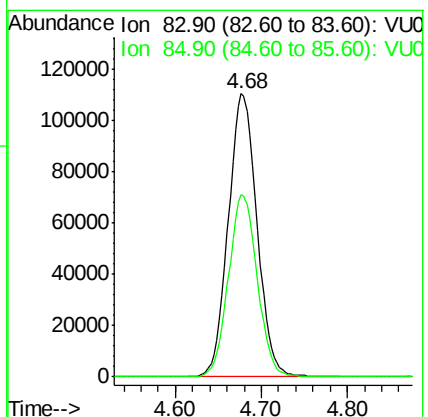
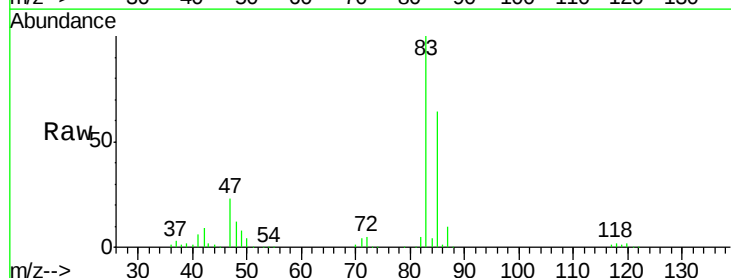
Acq: 29 Jun 2018 07:37

Tgt Ion: 83 Resp: 255790

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

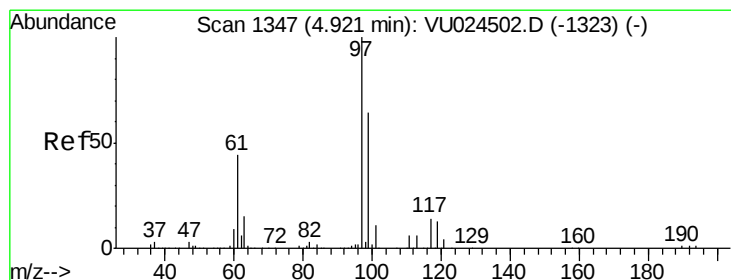
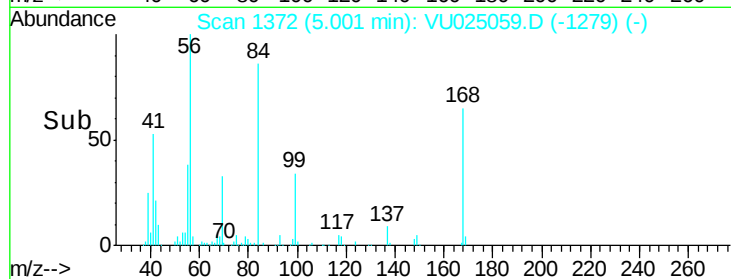
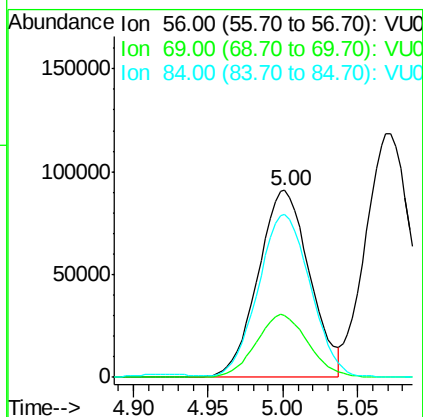
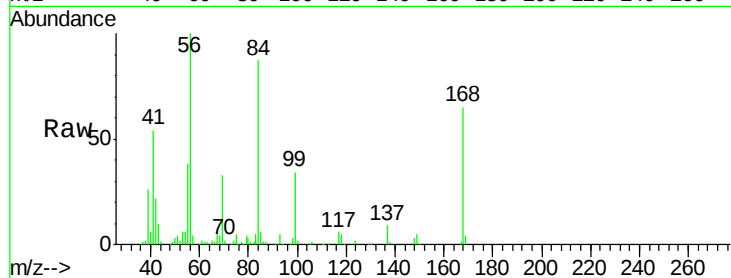




#31
Cyclohexane
Concen: 51.059 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

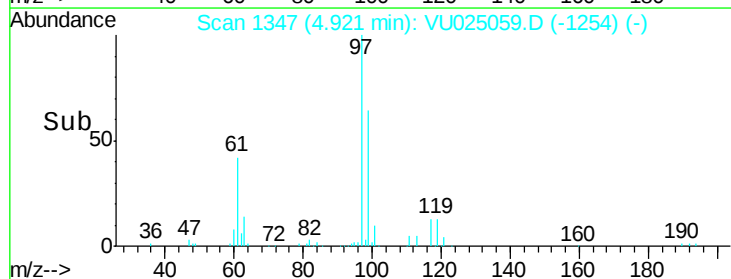
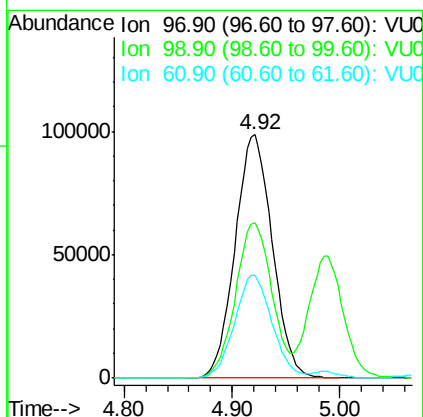
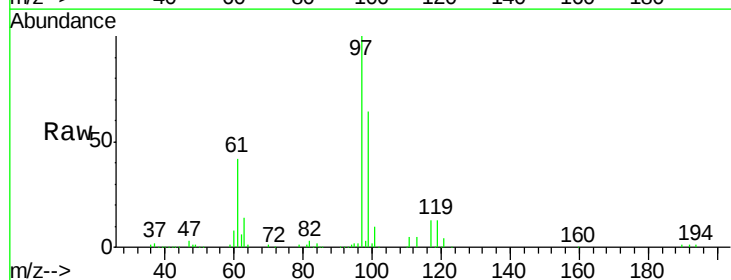
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 218069
Ion Ratio Lower Upper
56 100
69 33.2 24.8 37.2
84 85.9 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 52.619 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 97 Resp: 237059
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 42.5 39.4 59.0

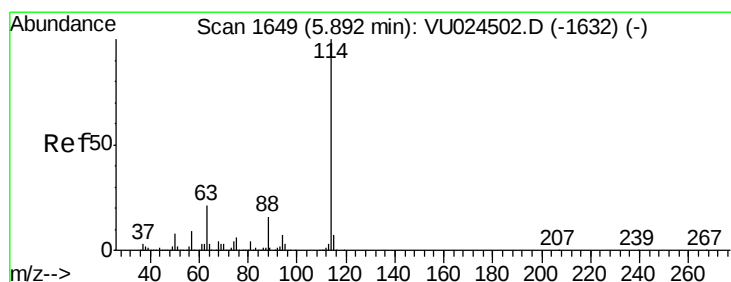
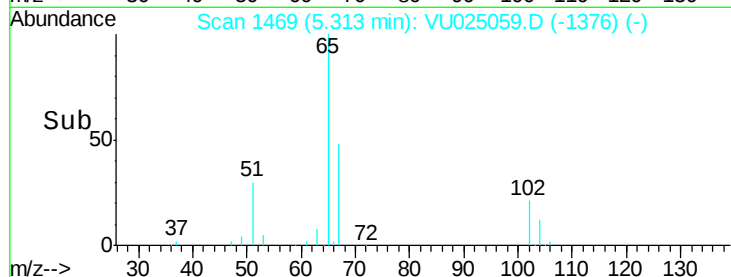
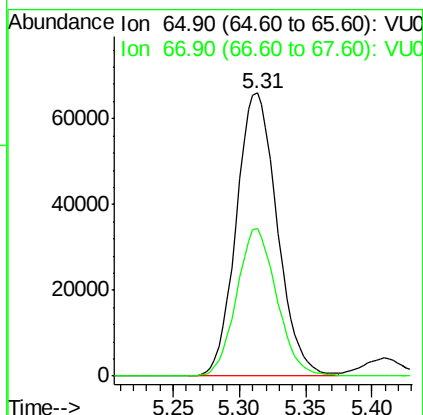
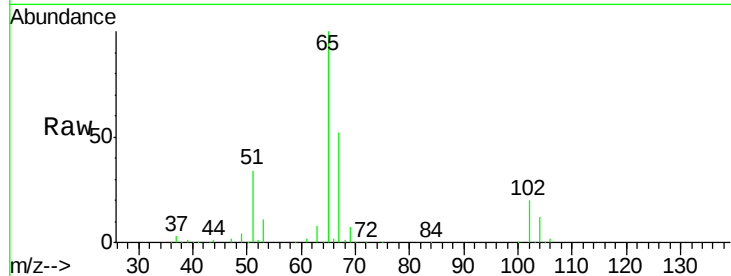




#33
 1,2-Dichloroethane-d4
 Concen: 43.495 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

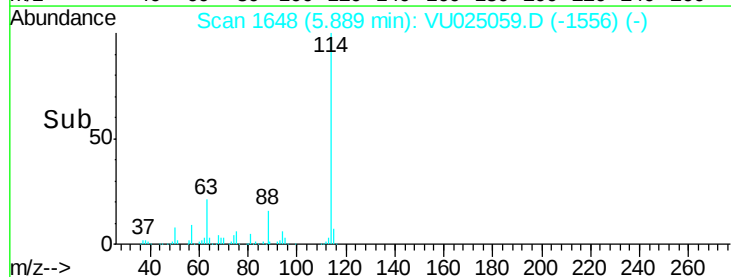
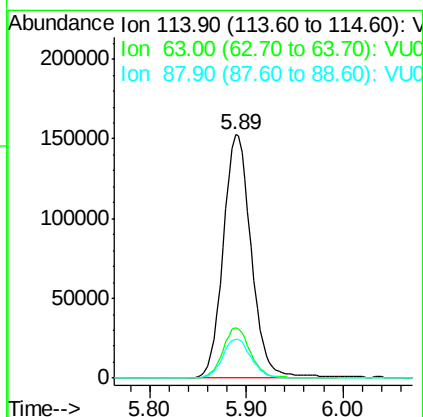
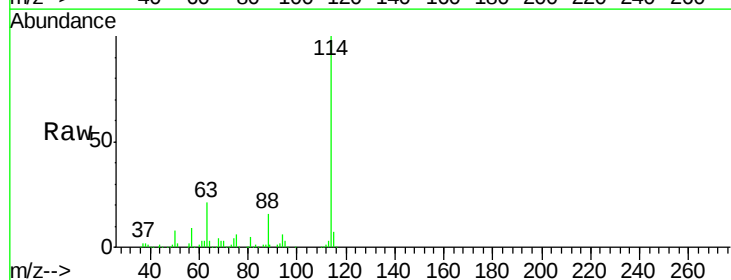
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 141760
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion: 114 Resp: 307969
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 16.1 0.0 31.0

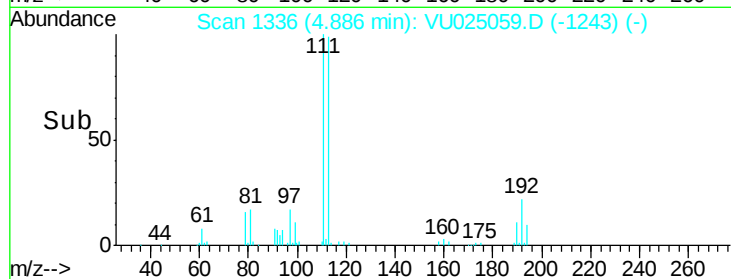
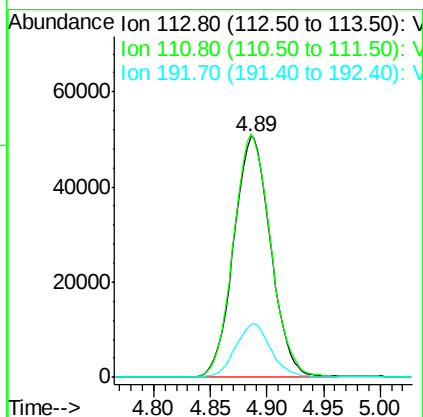
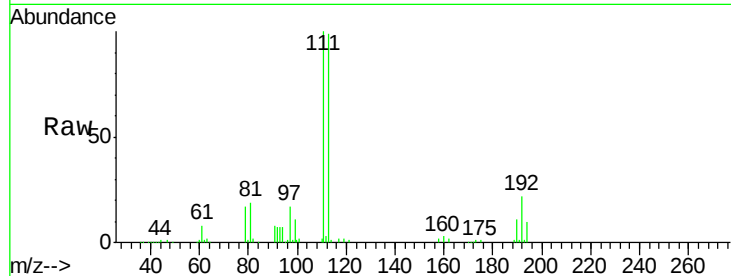




#35
 Dibromofluoromethane
 Concen: 45.077 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

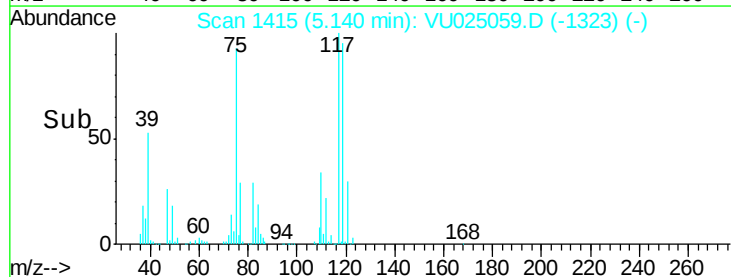
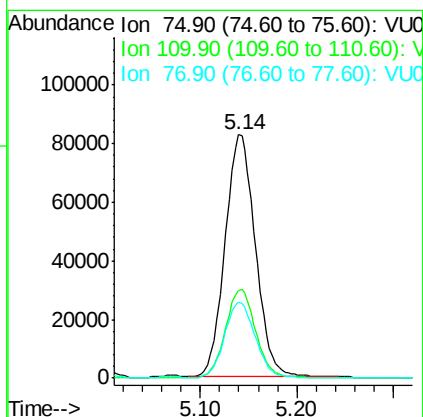
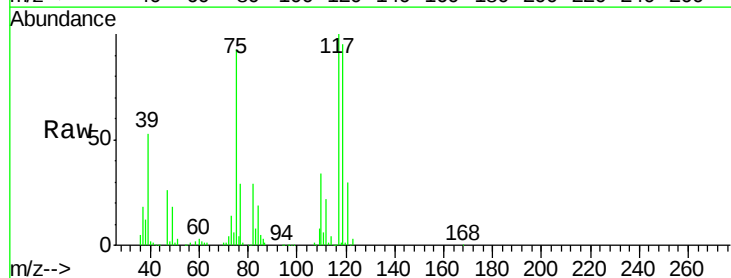
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

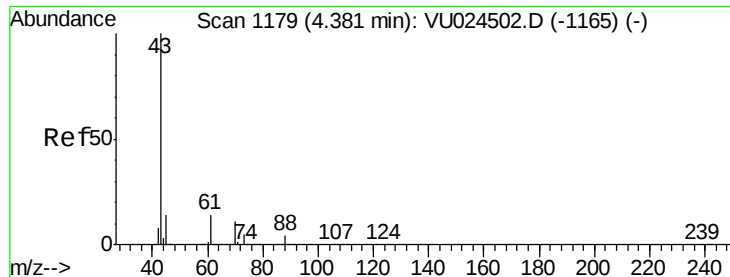
Tgt Ion: 113 Resp: 115212
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 21.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 49.747 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion: 75 Resp: 180029
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.0 50.9
 77 30.9 24.2 36.4

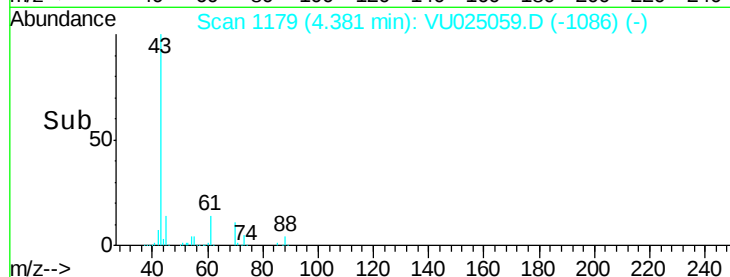
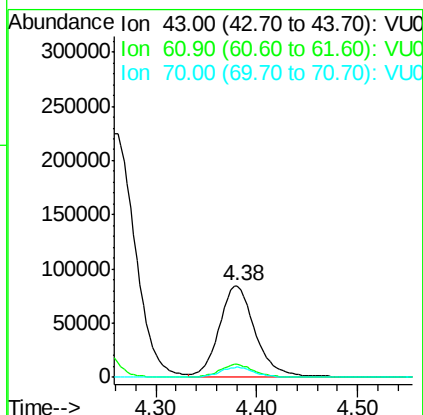
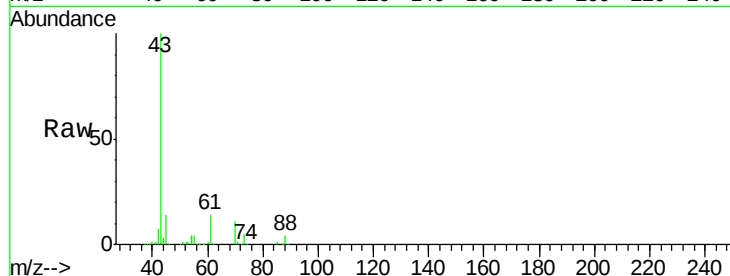




#37
 Ethyl Acetate
 Concen: 52.418 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

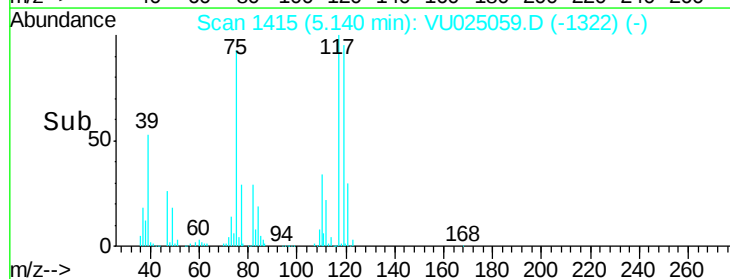
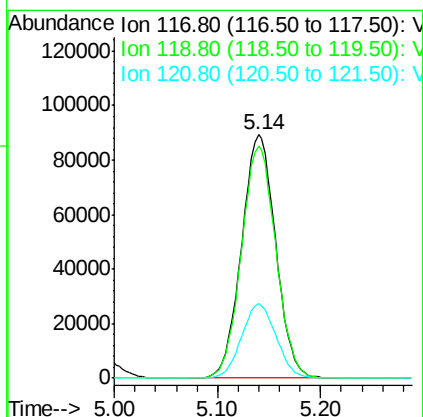
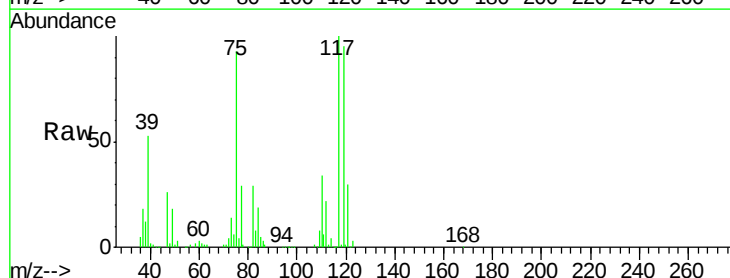
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.5	15.7
70	10.9	7.4	11.2



#38
 Carbon Tetrachloride
 Concen: 51.519 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.1	114.1
121	30.5	23.7	35.5

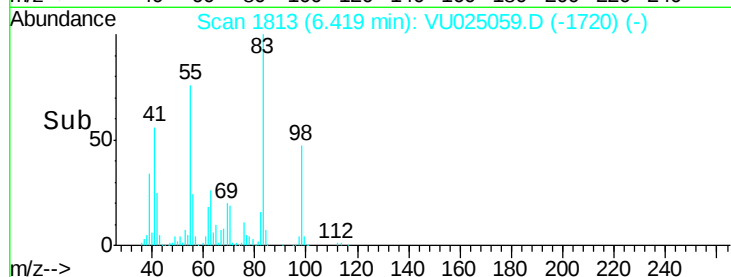
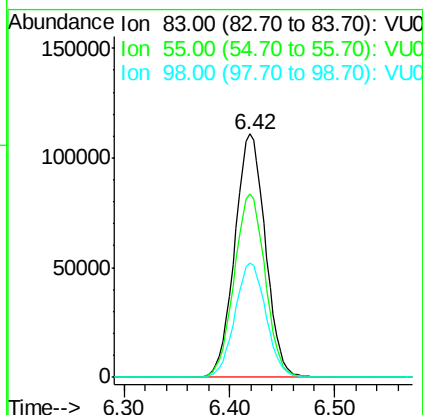
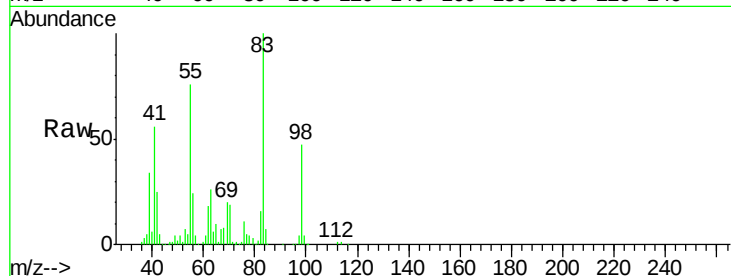




#39
Methylcyclohexane
Concen: 49.551 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

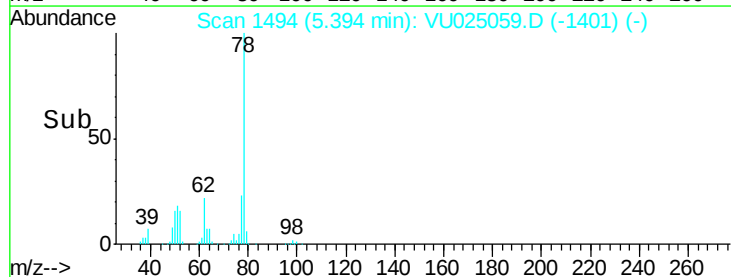
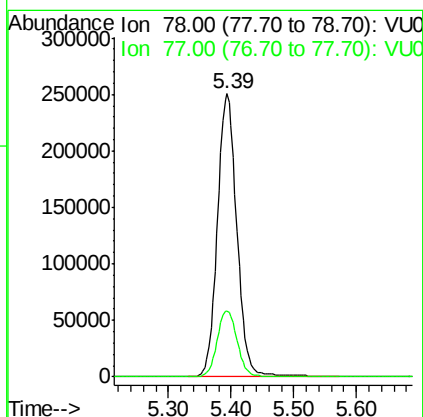
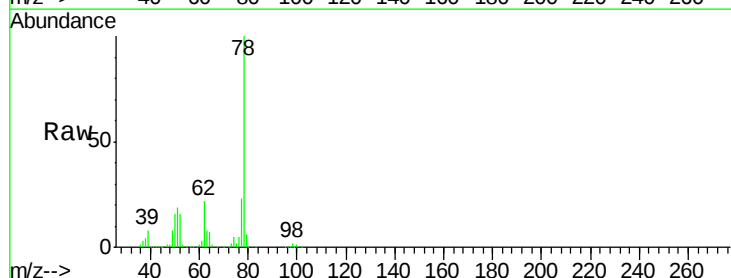
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 223778
Ion Ratio Lower Upper
83 100
55 75.6 65.8 98.6
98 47.0 36.7 55.1



#40
Benzene
Concen: 52.512 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 78 Resp: 541491
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





#41

Methacrylonitrile

Concen: 54.307 ug/l

RT: 4.54 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 115490

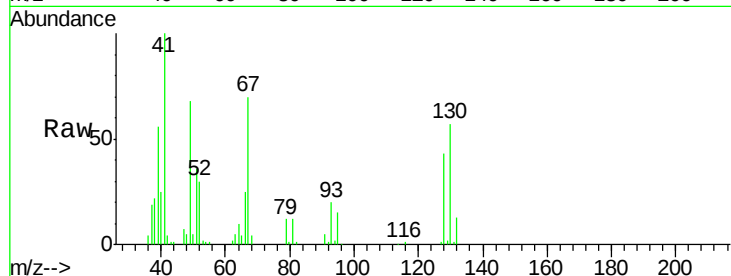
Ion Ratio Lower Upper

41 100

39 55.6 43.8 65.6

67 71.3 56.3 84.5

52 30.7 23.2 34.8

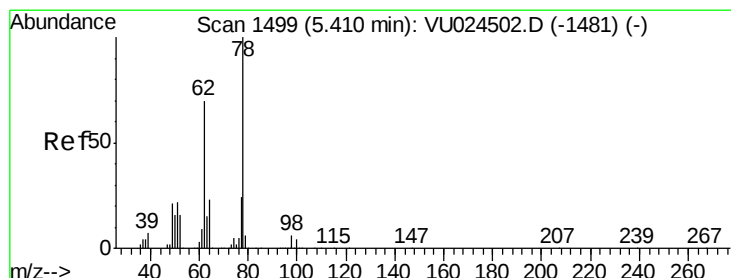
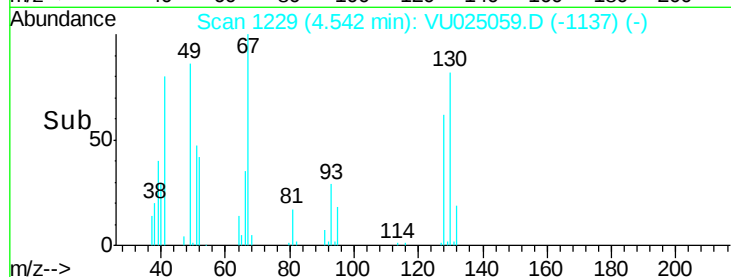
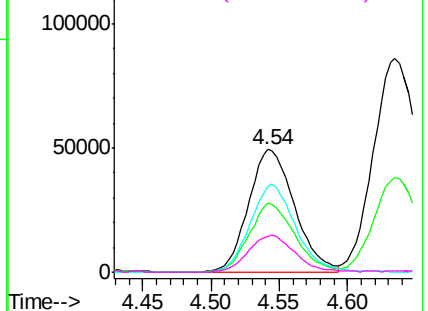


Abundance Ion 41.00 (40.70 to 41.70): VU024502.D (-1214) (-)

Ion 39.00 (38.70 to 39.70): VU024502.D (-1214) (-)

Ion 67.00 (66.70 to 67.70): VU024502.D (-1214) (-)

Ion 52.00 (51.70 to 52.70): VU024502.D (-1214) (-)



#42

1,2-Dichloroethane

Concen: 54.374 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU025059.D

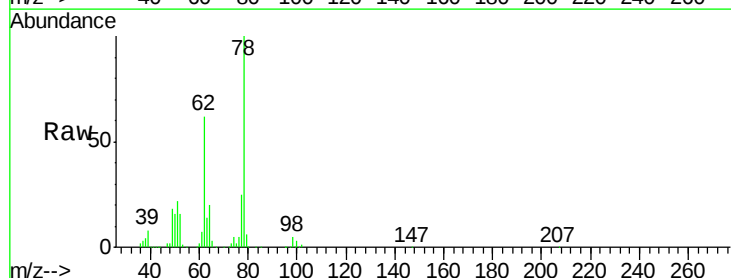
Acq: 29 Jun 2018 07:37

Tgt Ion: 62 Resp: 213549

Ion Ratio Lower Upper

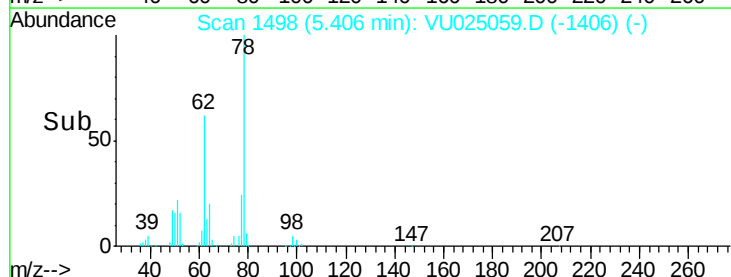
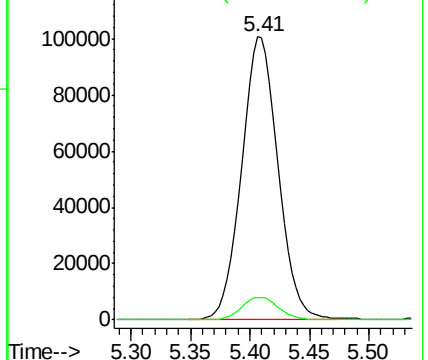
62 100

98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-1481) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-1481) (-)

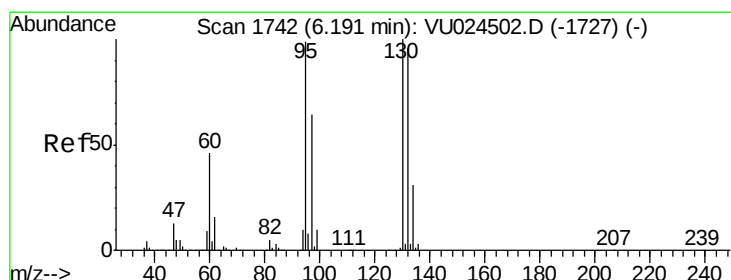
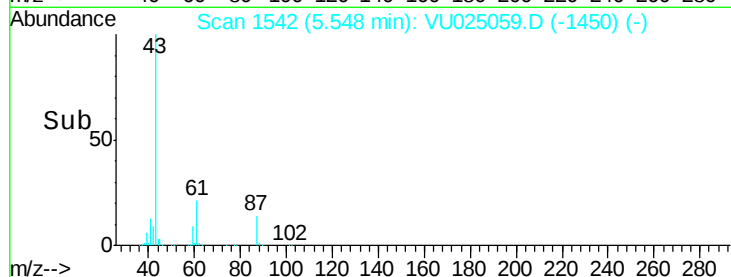
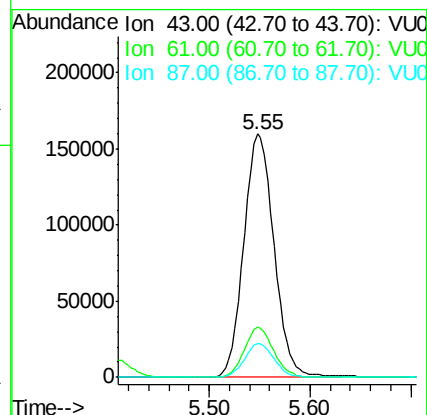
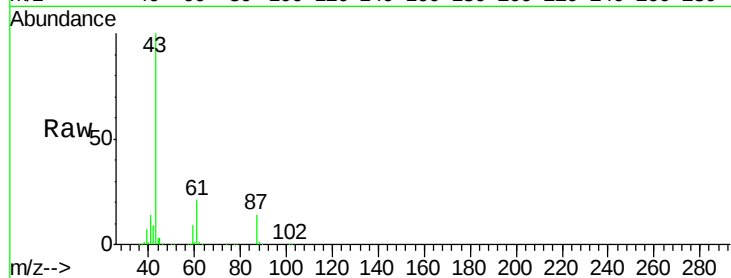




#43
Isopropyl Acetate
Concen: 48.394 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

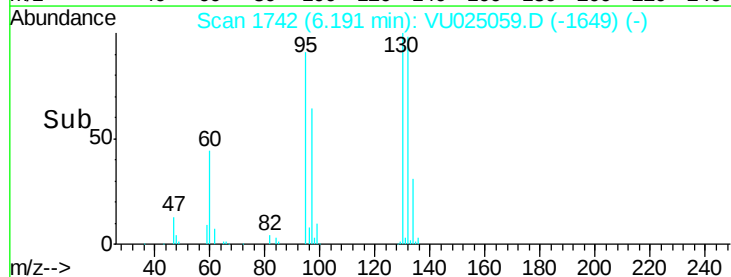
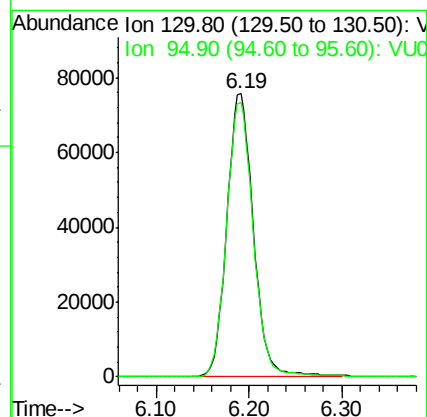
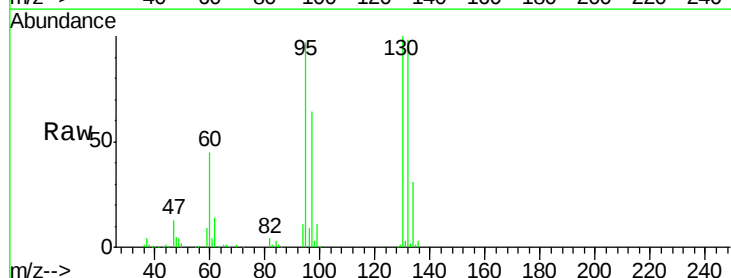
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

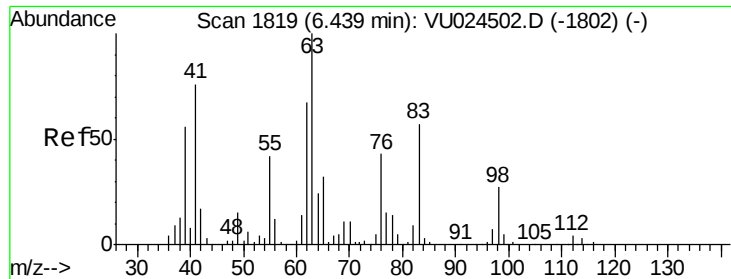
Tgt Ion: 43 Resp: 329945
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 13.7 10.0 15.0



#44
Trichloroethene
Concen: 51.237 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 130 Resp: 150365
Ion Ratio Lower Upper
130 100
95 96.9 0.0 202.4

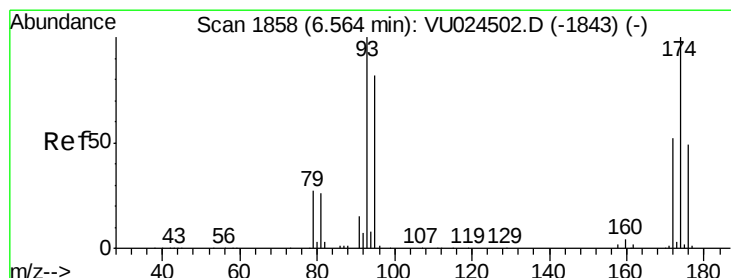
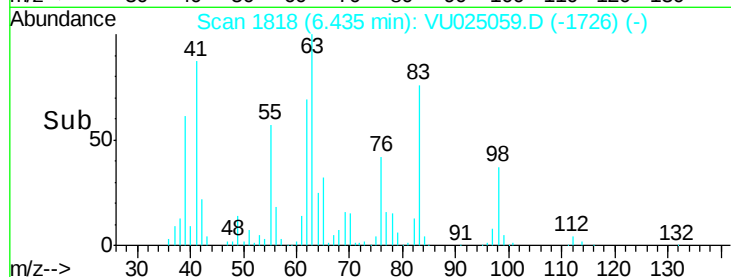
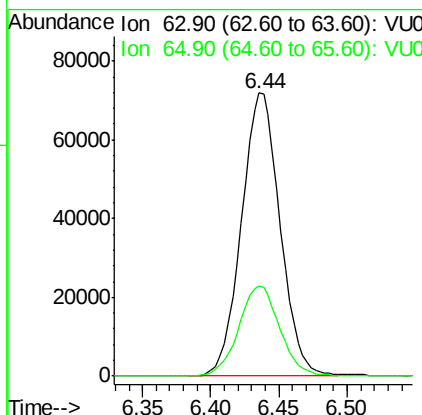
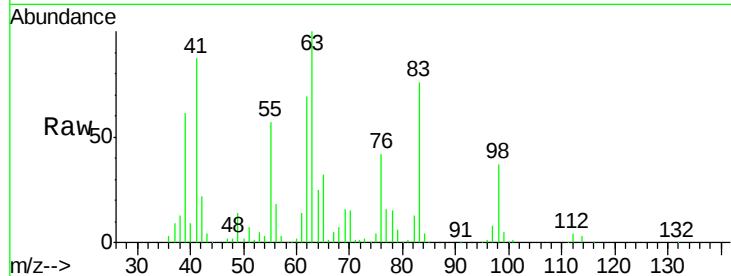




#45
 1,2-Dichloropropane
 Concen: 51.273 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

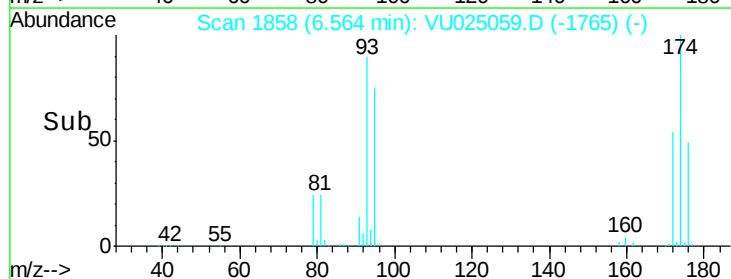
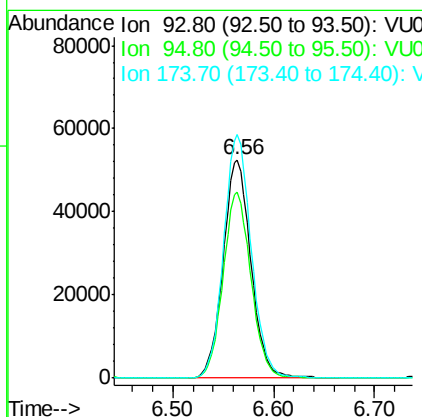
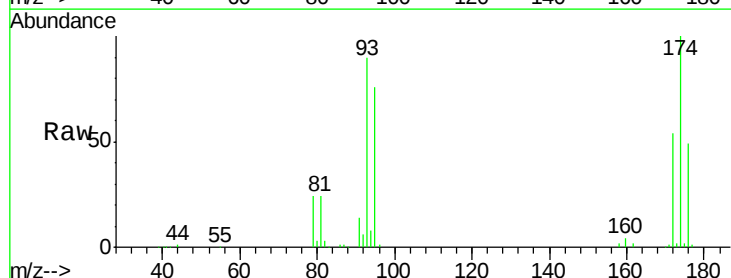
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 141075
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2



#46
 Dibromomethane
 Concen: 52.584 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion: 93 Resp: 101625
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.5 98.3
 174 110.5 78.7 118.1





#47

Bromodichloromethane

Concen: 50.656 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

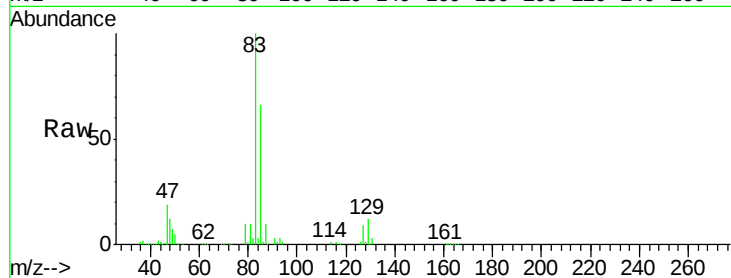
Tgt Ion: 83 Resp: 194947

Ion Ratio Lower Upper

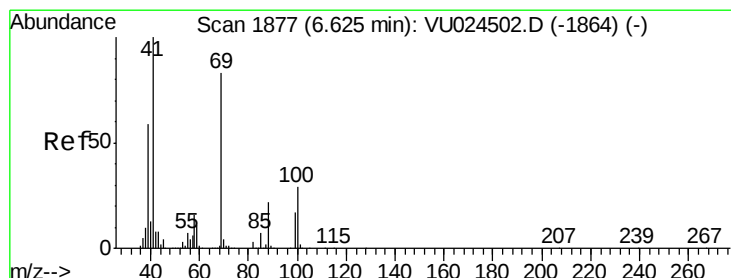
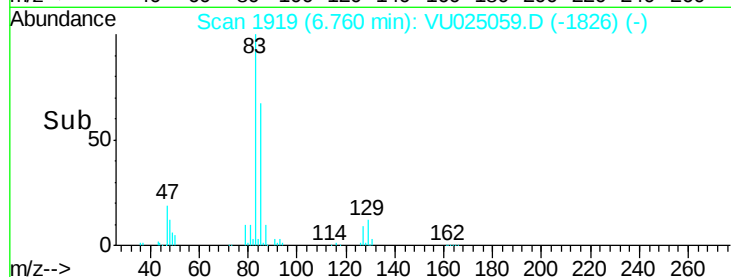
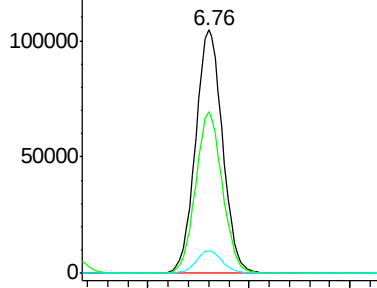
83 100

85 66.3 51.9 77.9

127 9.3 6.6 9.8



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



#48

Methyl methacrylate

Concen: 52.658 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

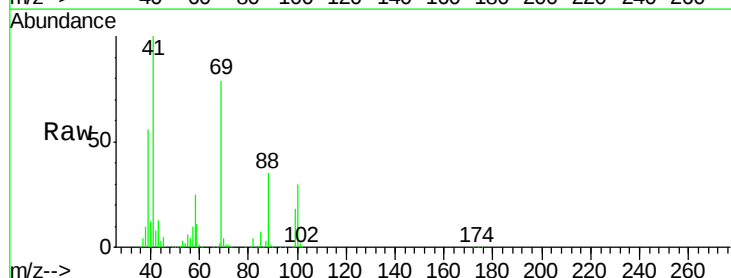
Tgt Ion: 41 Resp: 174820

Ion Ratio Lower Upper

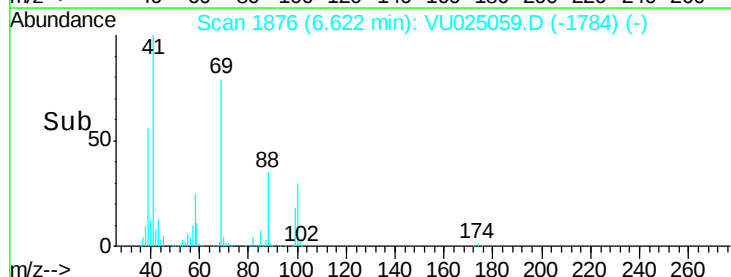
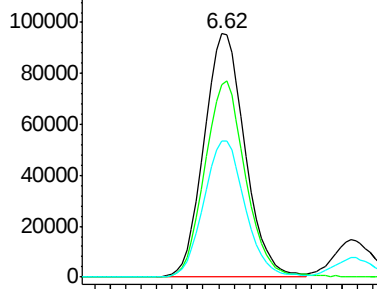
41 100

69 80.6 67.3 100.9

39 56.2 46.5 69.7



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

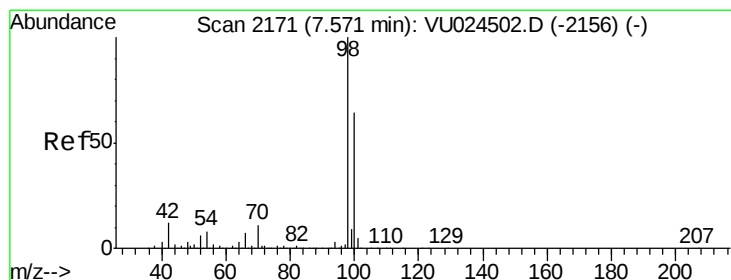
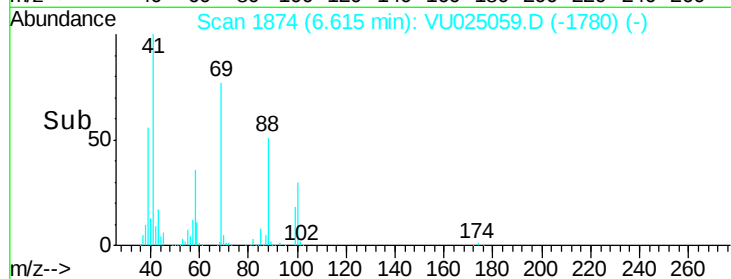
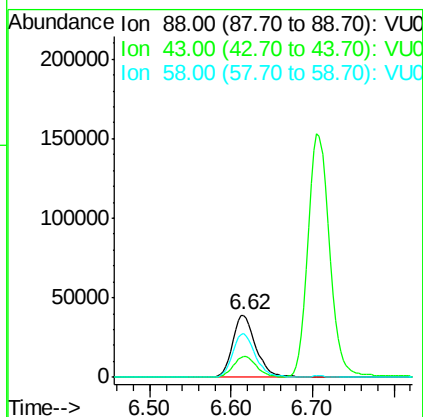
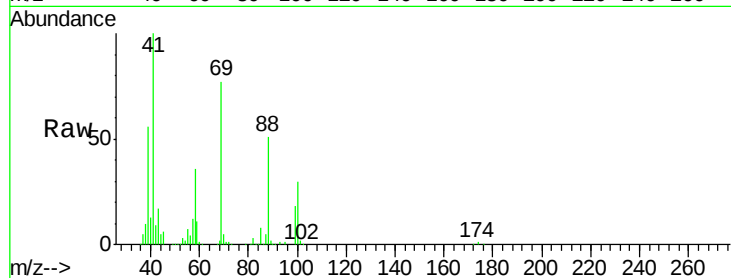




#49
 1,4-Dioxane
 Concen: 1218.093 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

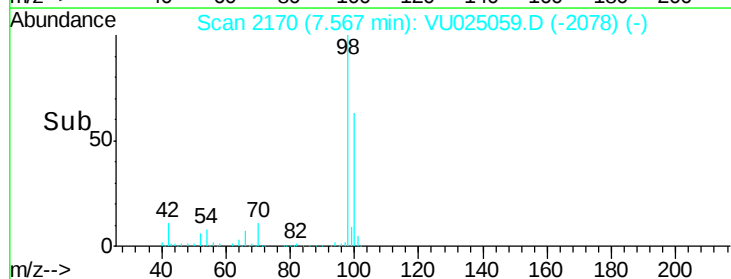
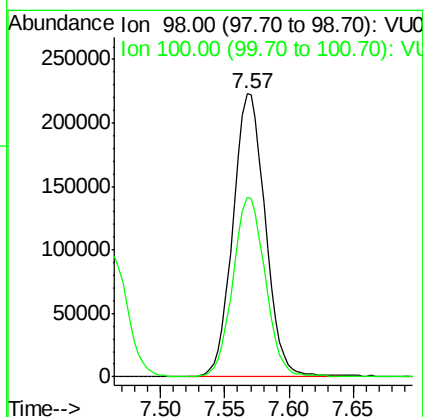
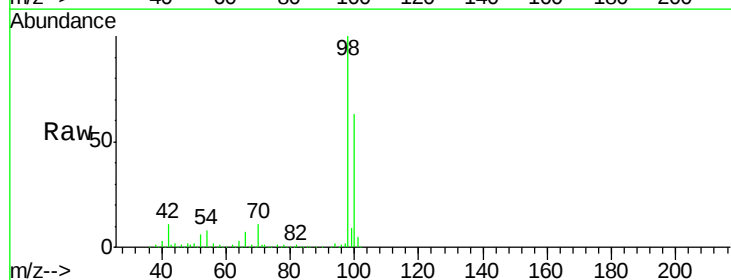
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 79085
 Ion Ratio Lower Upper
 88 100
 43 33.2 28.6 42.8
 58 67.6 58.2 87.4



#50
 Toluene-d8
 Concen: 41.695 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion: 98 Resp: 388718
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.1 76.7

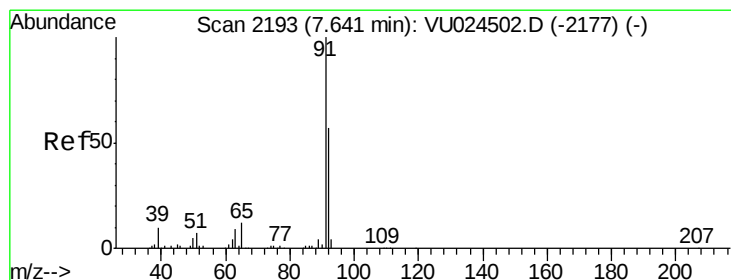
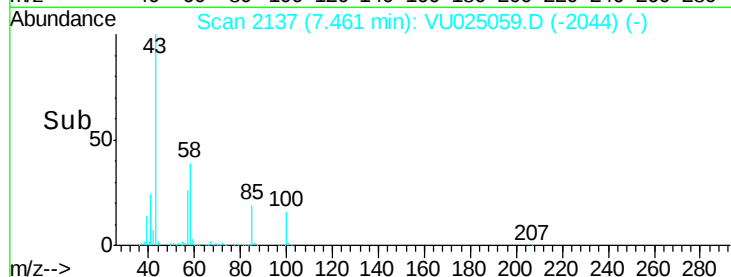
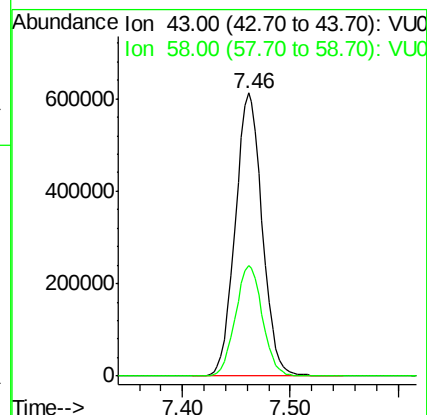
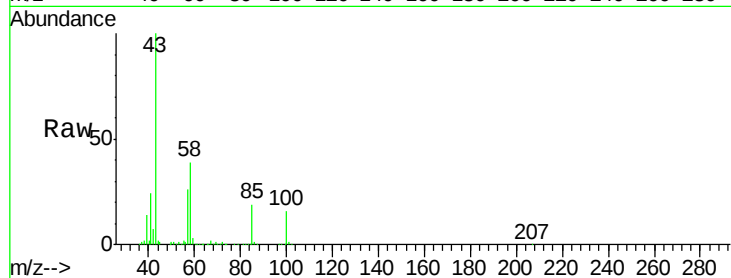




#51
 4-Methyl-2-Pentanone
 Concen: 248.514 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

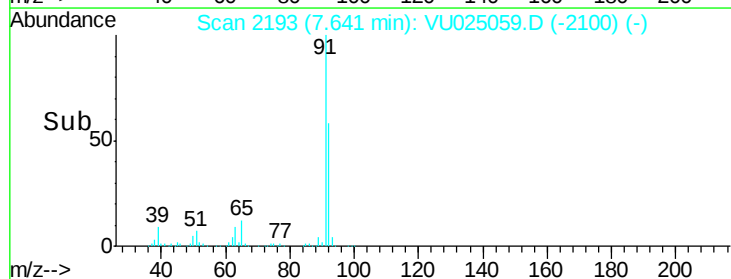
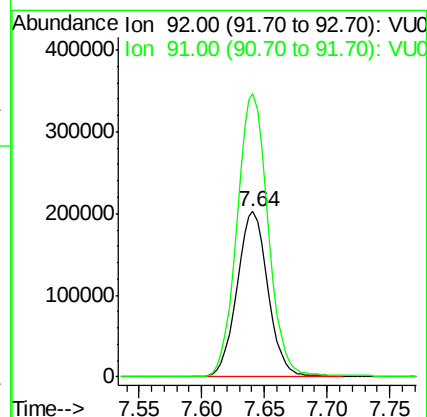
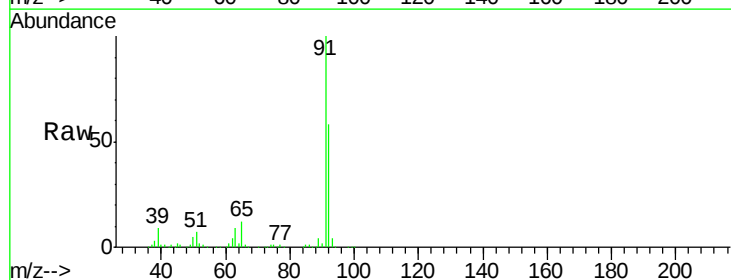
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1064479
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.0 45.0



#52
 Toluene
 Concen: 52.431 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion: 92 Resp: 347841
 Ion Ratio Lower Upper
 92 100
 91 172.7 140.5 210.7

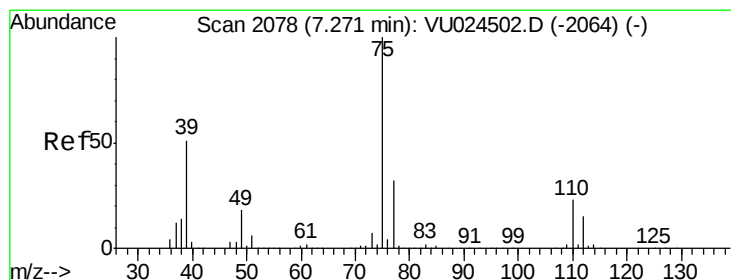
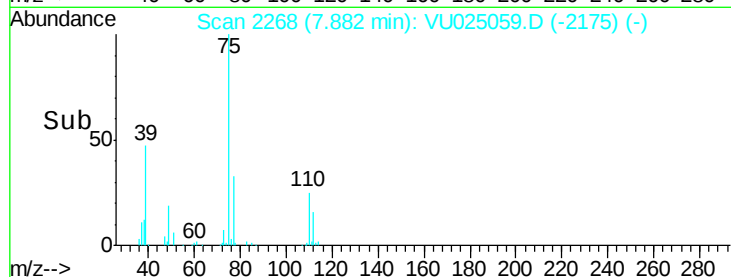
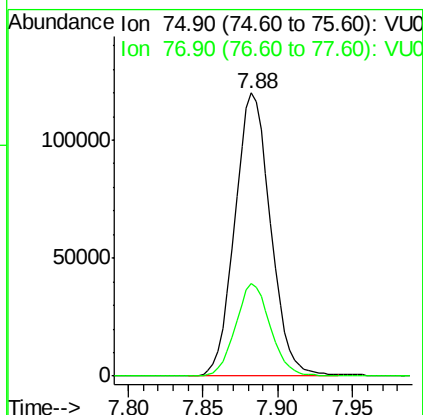
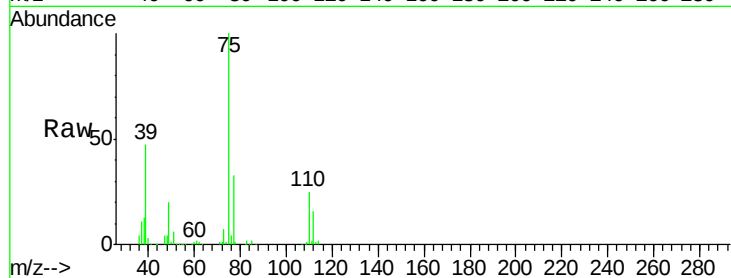




#53
 t-1,3-Dichloropropene
 Concen: 46.174 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

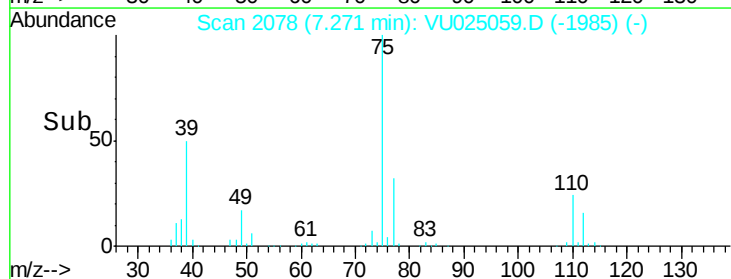
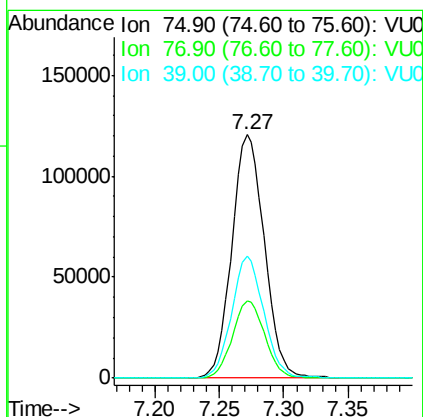
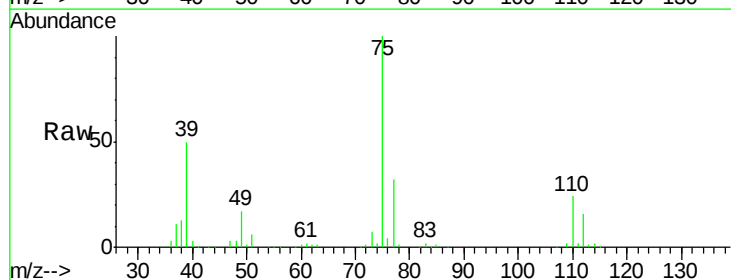
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

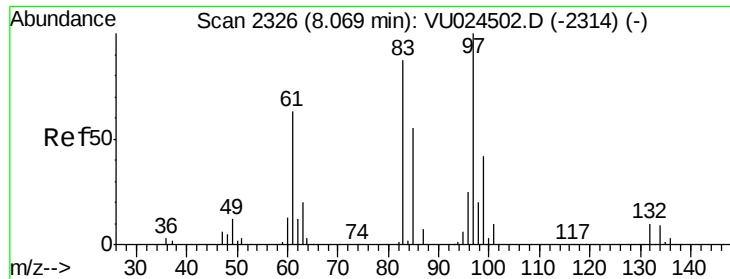
Tgt Ion: 75 Resp: 199555
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.026 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion: 75 Resp: 211959
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8
 39 49.8 39.8 59.6

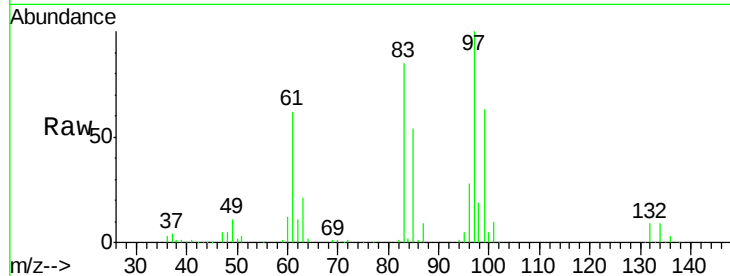




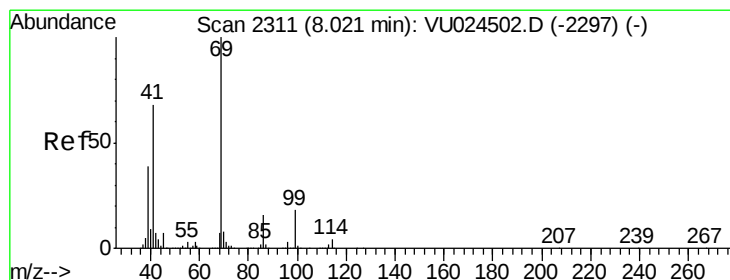
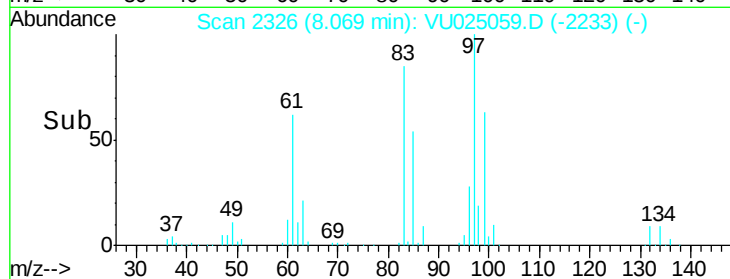
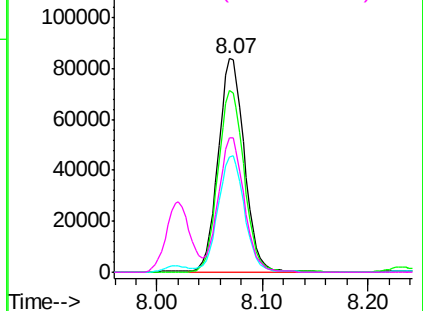
#55
 1,1,2-Trichloroethane
 Concen: 53.208 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	143489
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.5	105.7
85	54.2	46.4	69.6
99	63.1	50.2	75.2

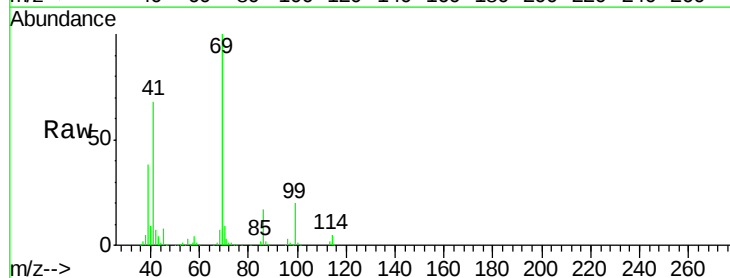


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

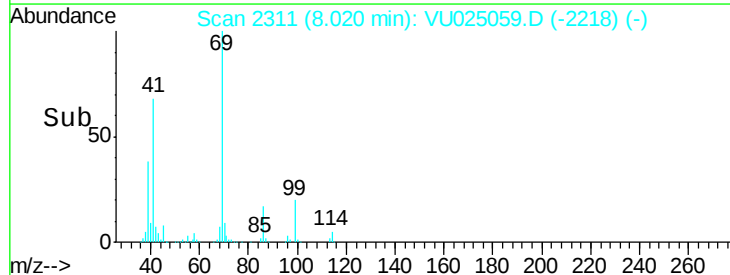
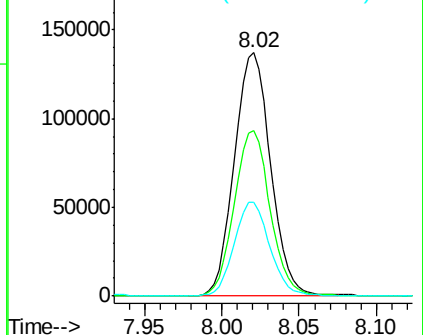


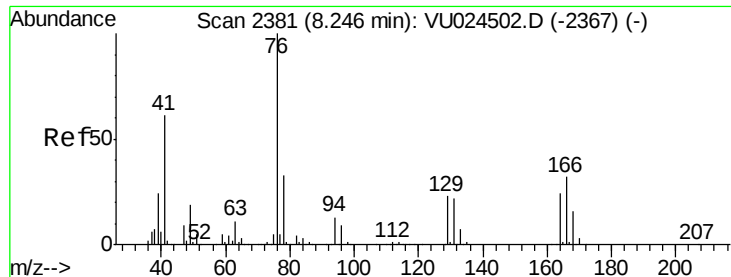
#56
 Ethyl methacrylate
 Concen: 49.587 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion:	69	Resp:	223818
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.1	81.1
39	37.7	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: 53.134 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

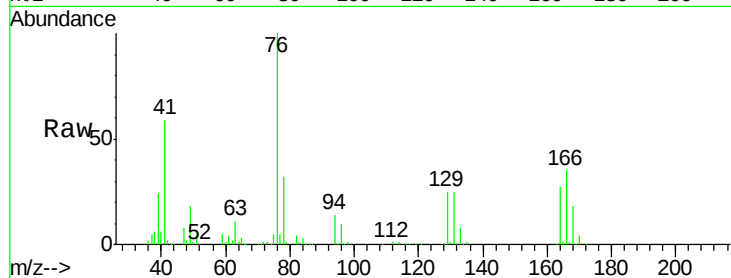
VSTDCCC050EC

Tgt Ion: 76 Resp: 241715

Ion Ratio Lower Upper

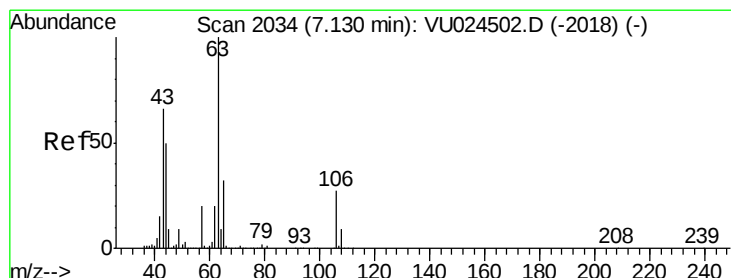
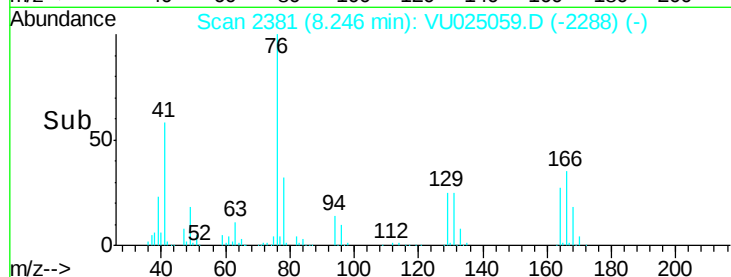
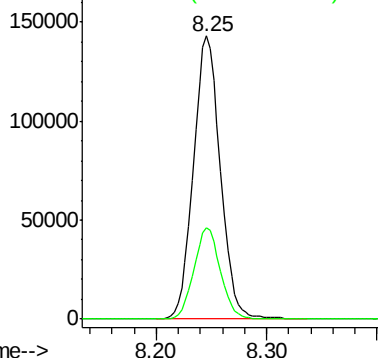
76 100

78 31.8 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 31.082 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025059.D

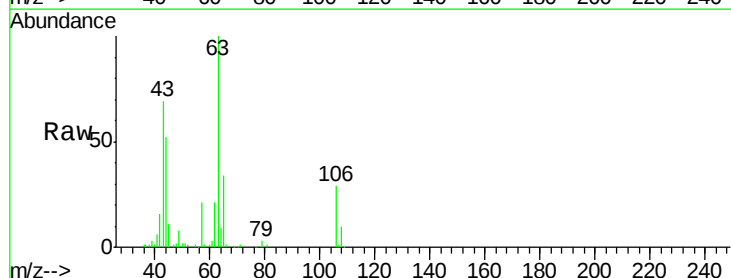
Acq: 29 Jun 2018 07:37

Tgt Ion: 63 Resp: 53747

Ion Ratio Lower Upper

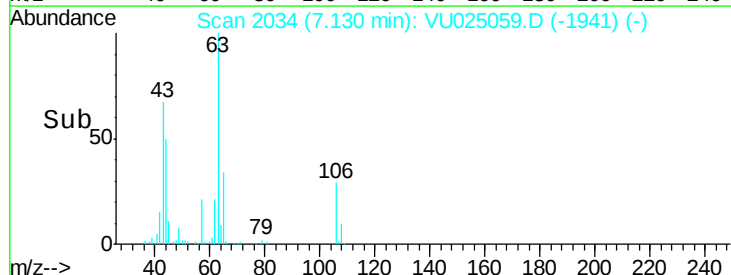
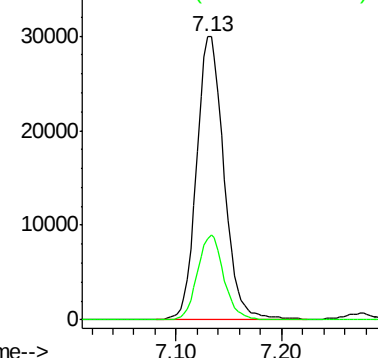
63 100

106 28.7 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

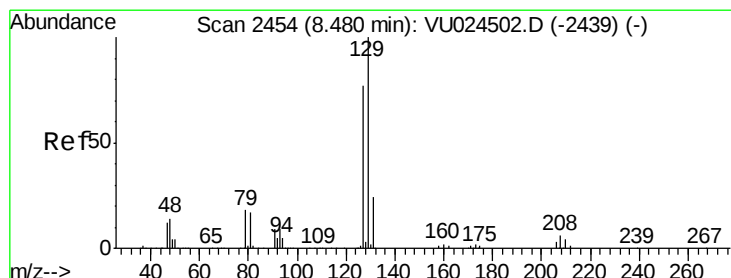
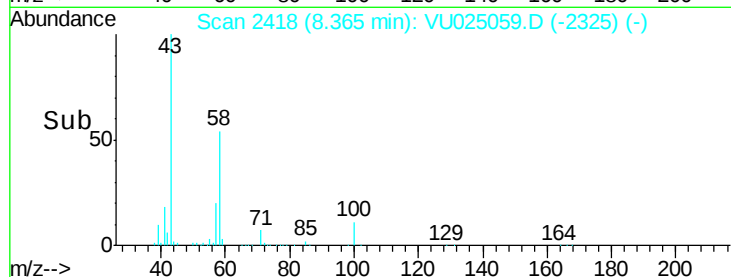
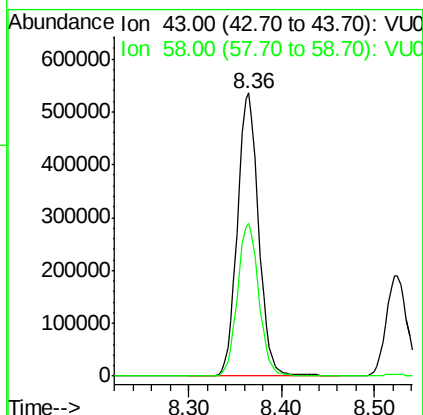
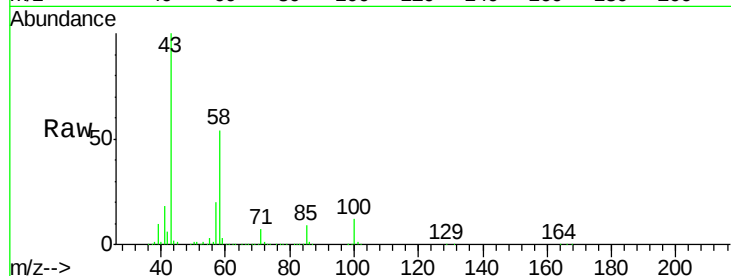




#59
2-Hexanone
Concen: 243.345 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

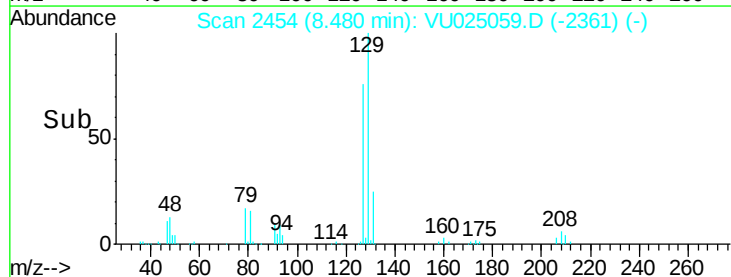
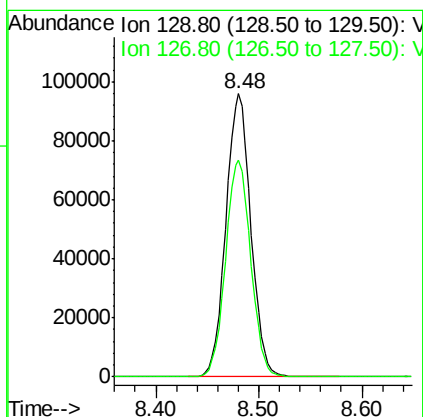
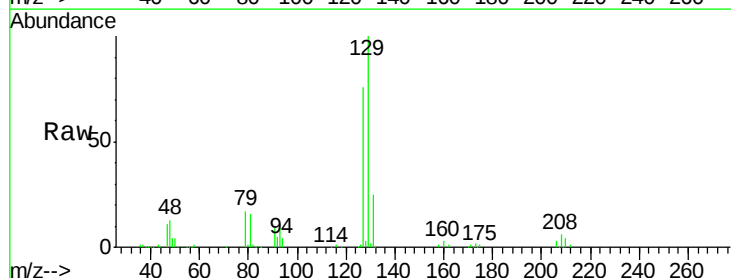
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

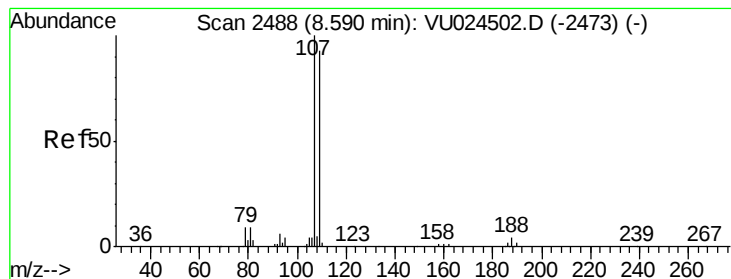
Tgt Ion: 43 Resp: 850970
Ion Ratio Lower Upper
43 100
58 54.5 26.4 79.0



#60
Dibromochloromethane
Concen: 48.106 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 129 Resp: 161772
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.069 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

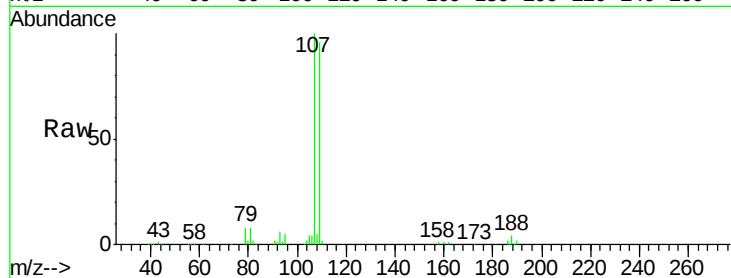
VSTDCCC050EC

Tgt Ion: 107 Resp: 156287

Ion Ratio Lower Upper

107 100

109 94.5 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

100000

80000

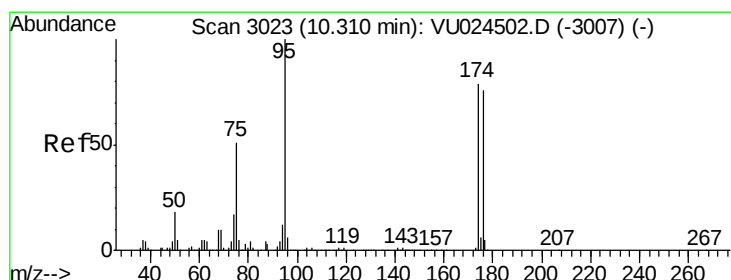
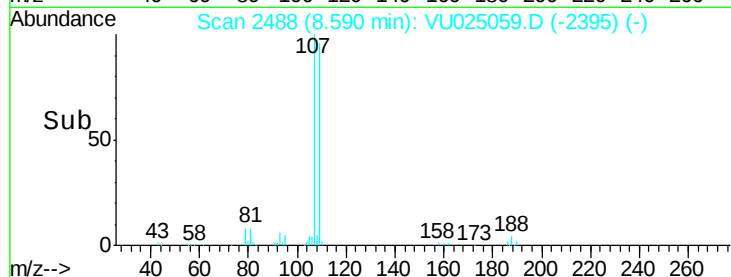
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.062 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

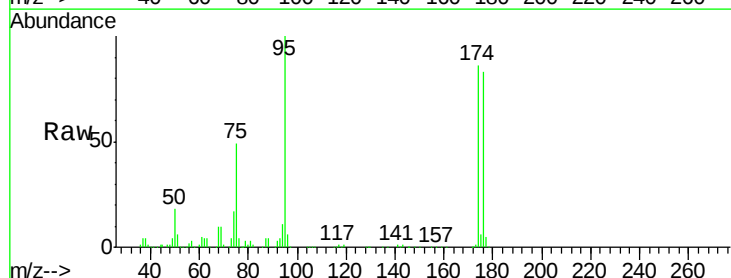
Tgt Ion: 95 Resp: 163099

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 83.3 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

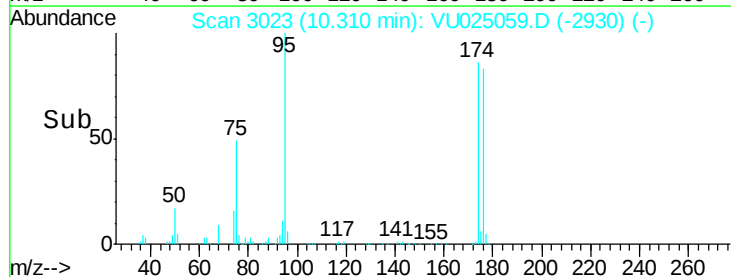
10.31

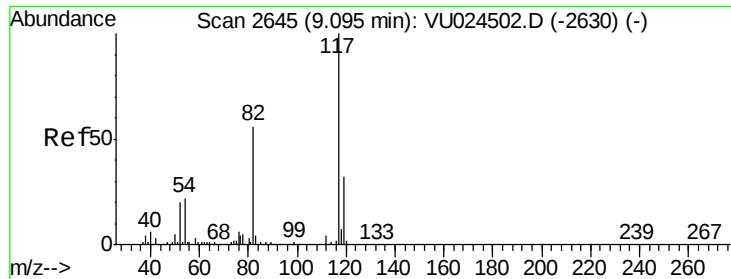
100000

50000

0

Time-->

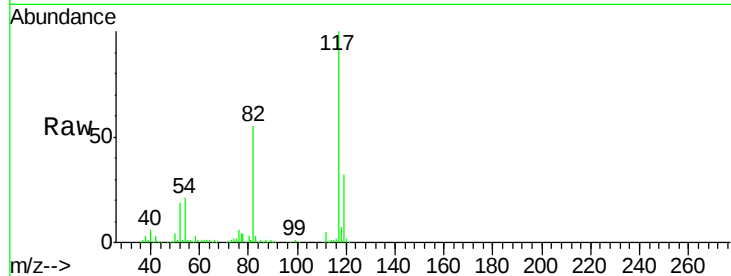




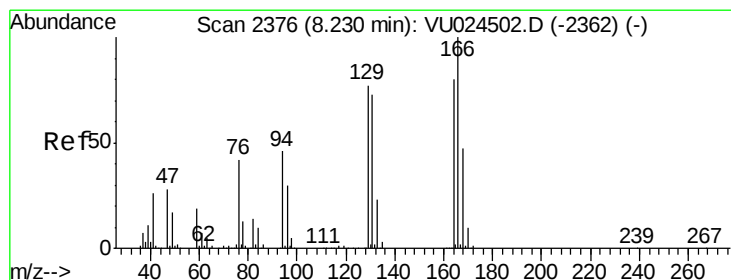
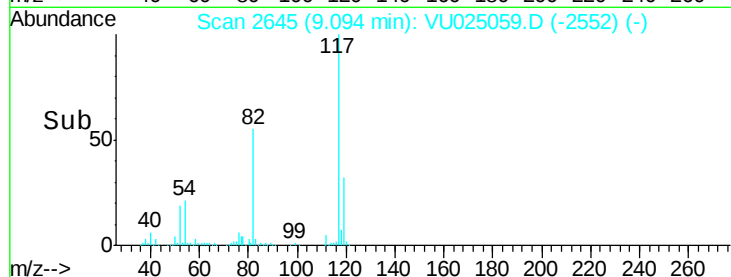
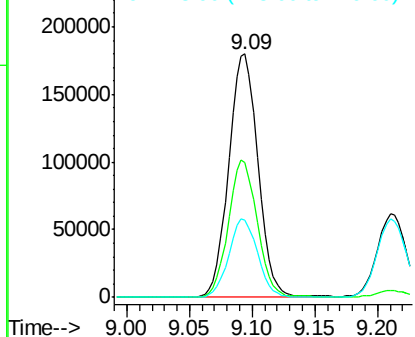
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 293243
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 31.6 25.4 38.2



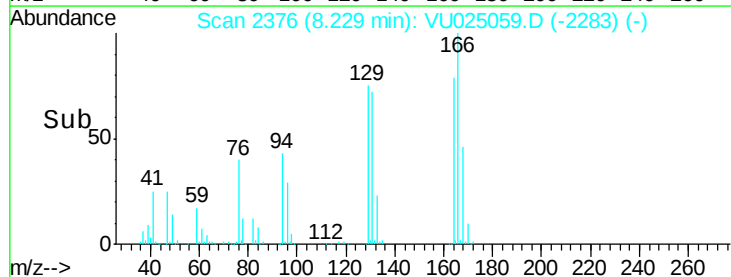
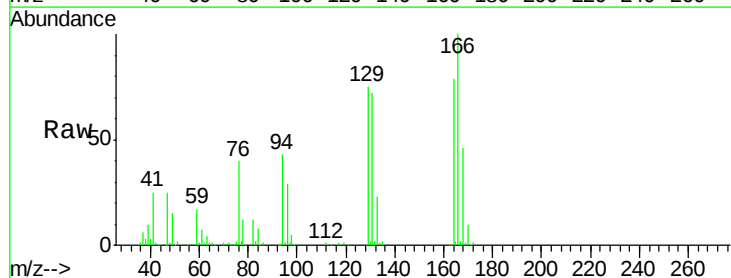
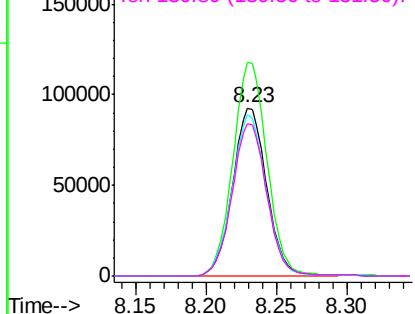
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 56.217 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion:164 Resp: 156699
Ion Ratio Lower Upper
164 100
166 127.1 101.7 152.5
129 95.6 76.9 115.3
131 91.0 74.9 112.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

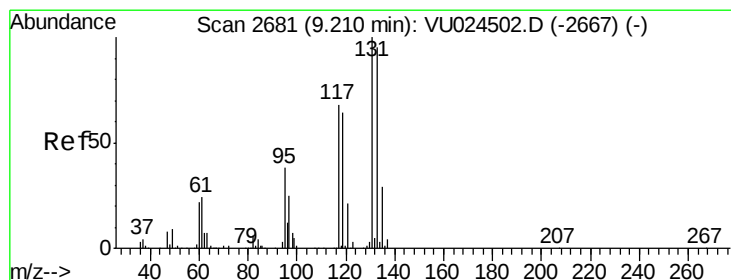
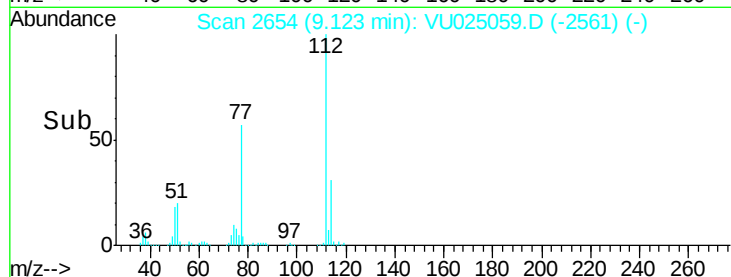
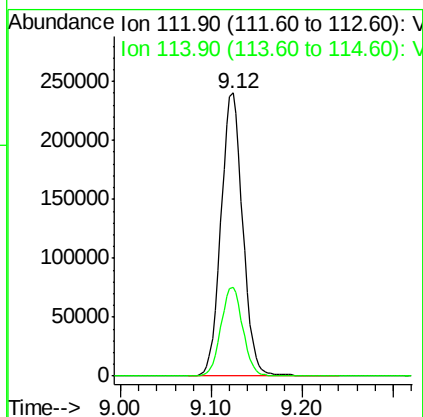
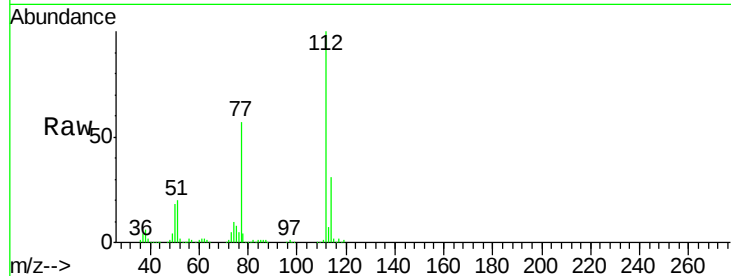




#65
Chlorobenzene
Concen: 53.371 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

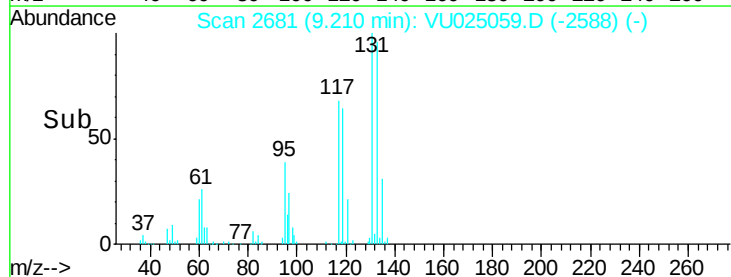
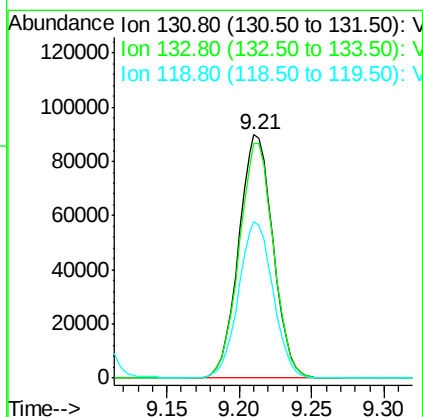
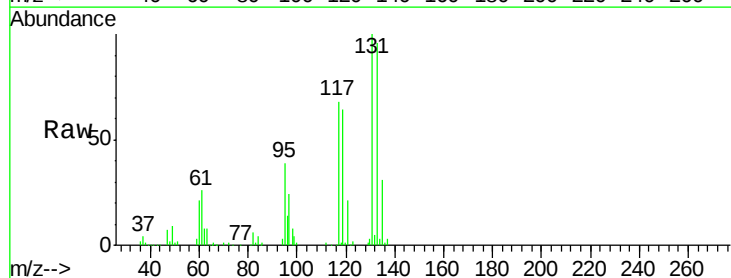
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

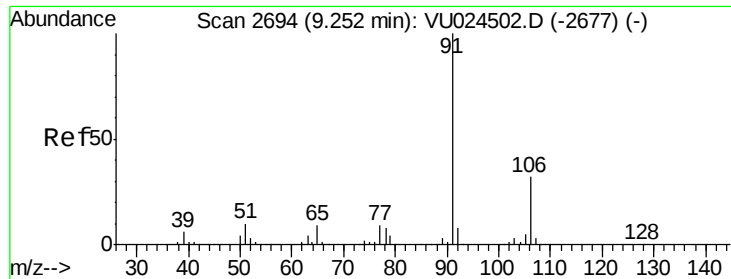
Tgt Ion:112 Resp: 399814
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.950 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion:131 Resp: 147856
Ion Ratio Lower Upper
131 100
133 96.5 46.9 140.8
119 64.6 33.5 100.4

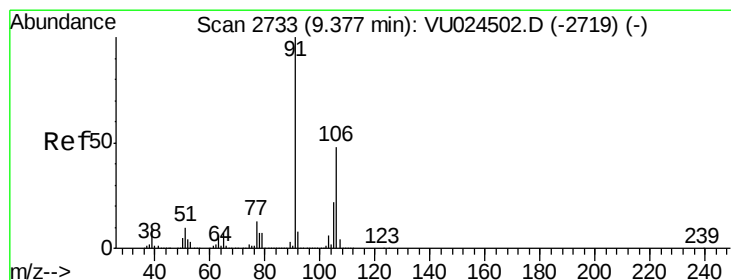
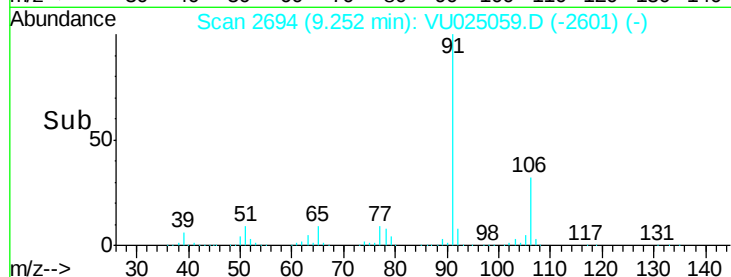
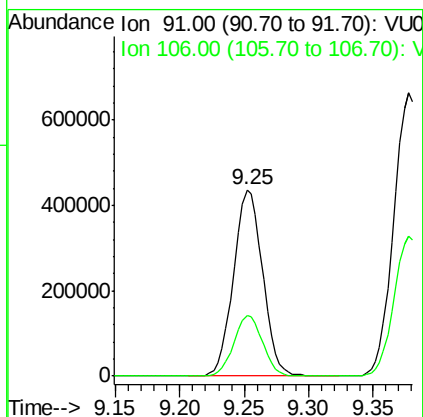
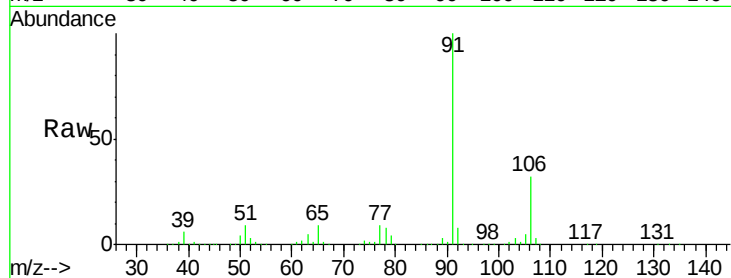




#67
Ethyl Benzene
Concen: 52.256 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

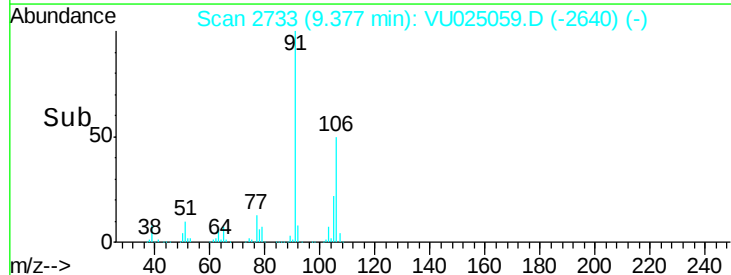
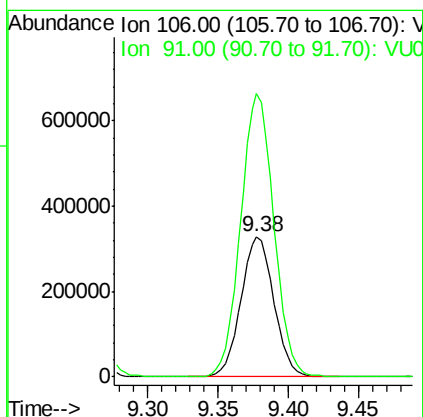
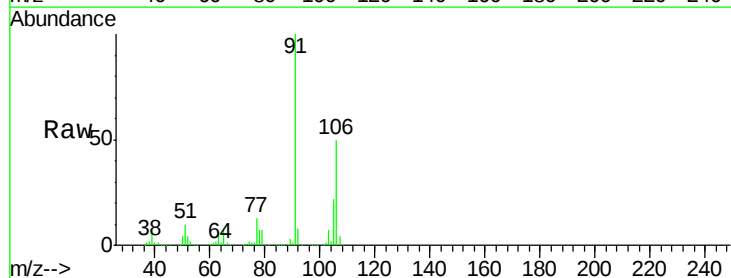
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 686263
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4



#68
m/p-Xylenes
Concen: 105.972 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 106 Resp: 534417
Ion Ratio Lower Upper
106 100
91 204.9 166.5 249.7

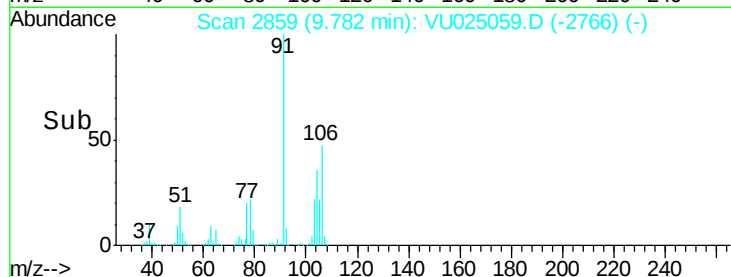
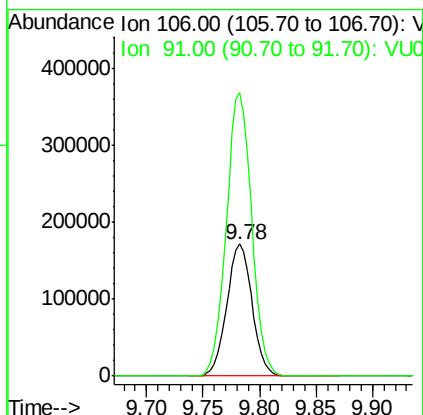
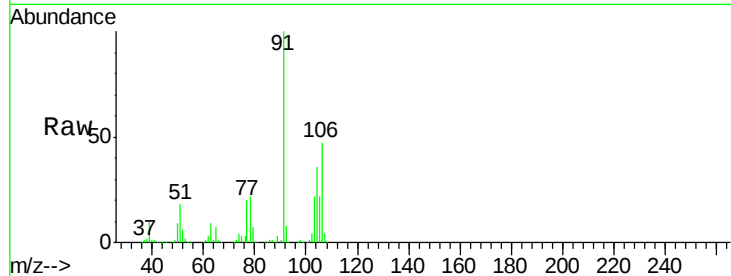




#69
o-Xylene
Concen: 53.562 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

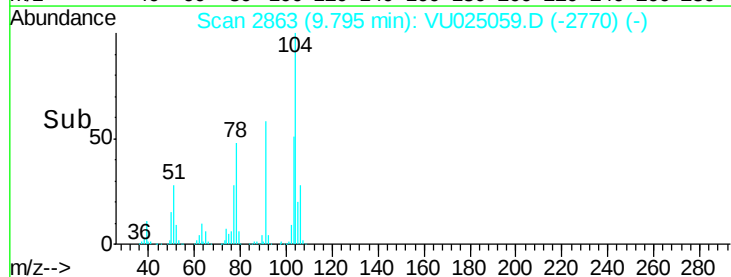
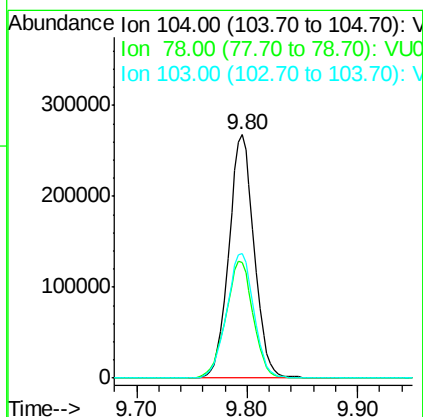
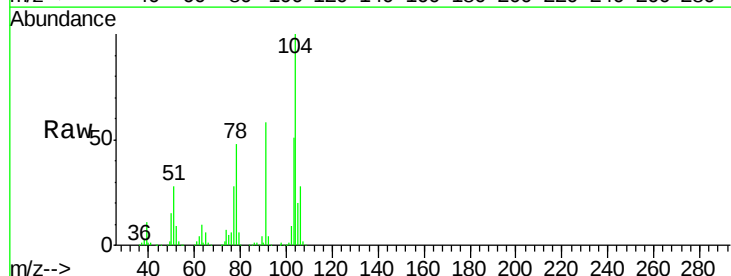
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

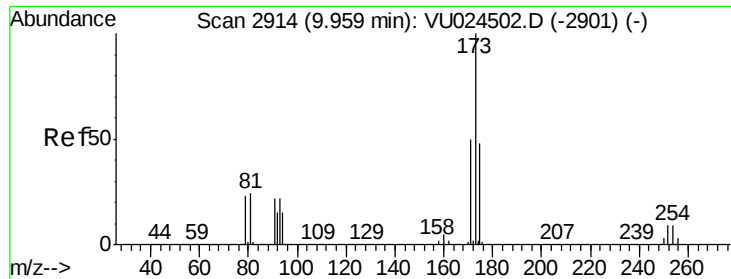
Tgt Ion:106 Resp: 267319
Ion Ratio Lower Upper
106 100
91 214.9 110.7 331.9



#70
Styrene
Concen: 51.885 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion:104 Resp: 425542
Ion Ratio Lower Upper
104 100
78 52.0 40.6 60.8
103 55.4 44.7 67.1





#71

Bromoform

Concen: 47.427 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

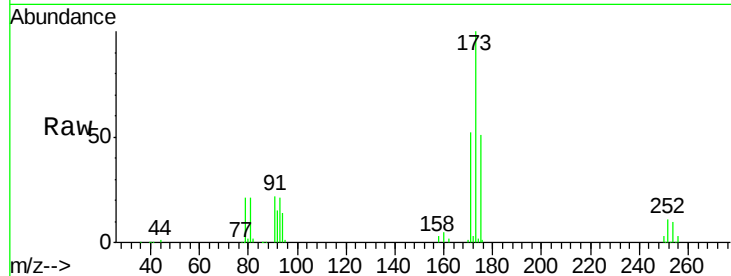
Tgt Ion:173 Resp: 128298

Ion Ratio Lower Upper

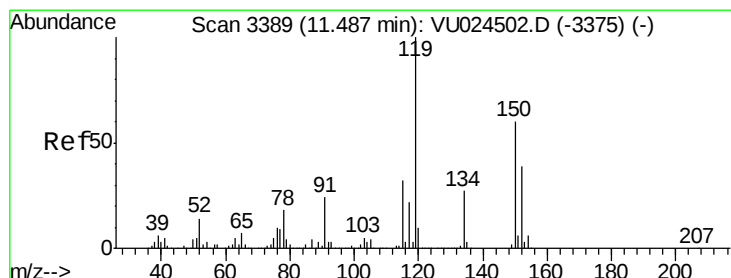
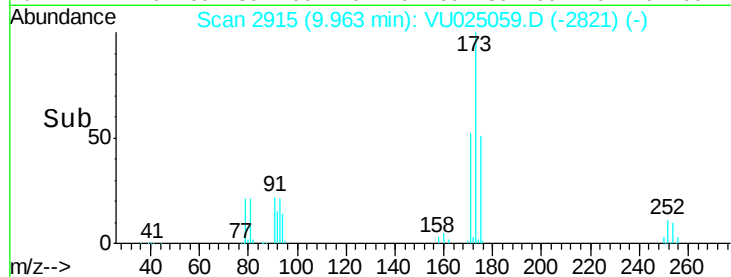
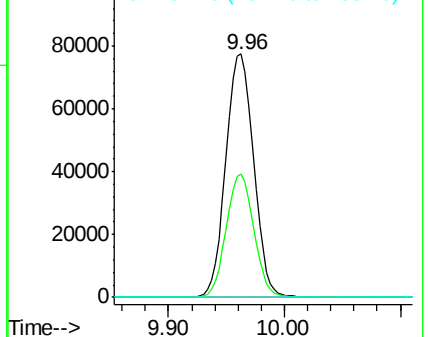
173 100

175 49.9 24.6 74.0

254 0.1 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: VU025059.D

Acq: 29 Jun 2018 07:37

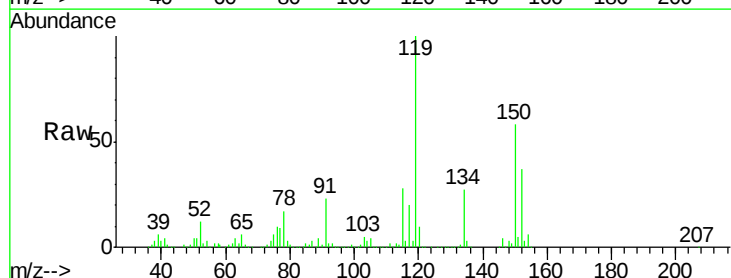
Tgt Ion:152 Resp: 178202

Ion Ratio Lower Upper

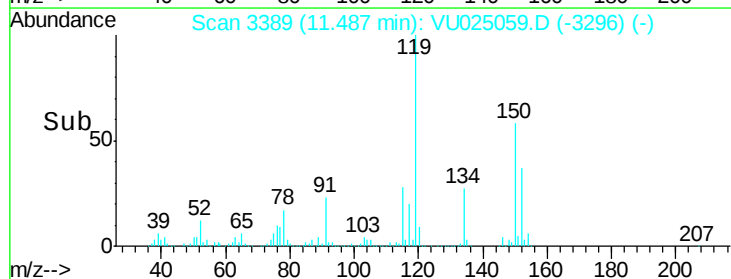
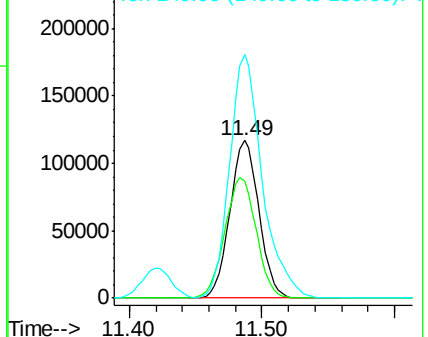
152 100

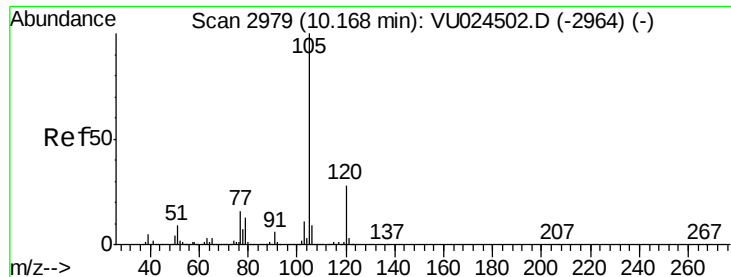
115 82.2 43.0 129.0

150 174.0 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: 52.340 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

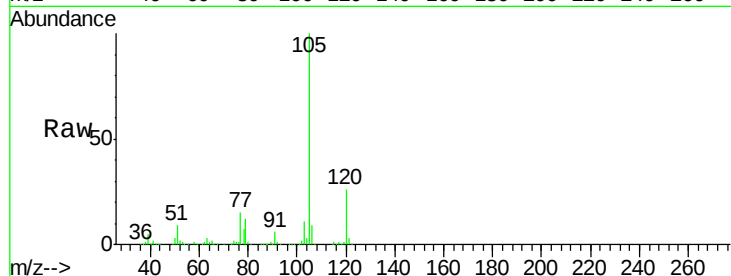
VSTDCCC050EC

Tgt Ion: 105 Resp: 716098

Ion Ratio Lower Upper

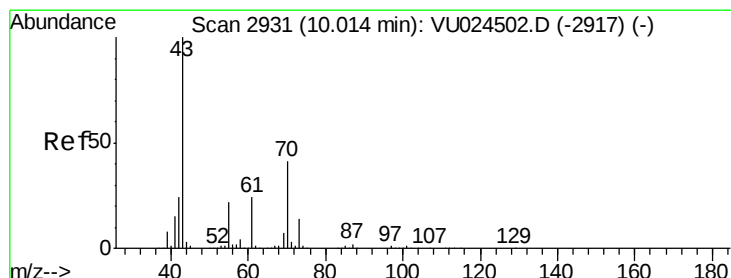
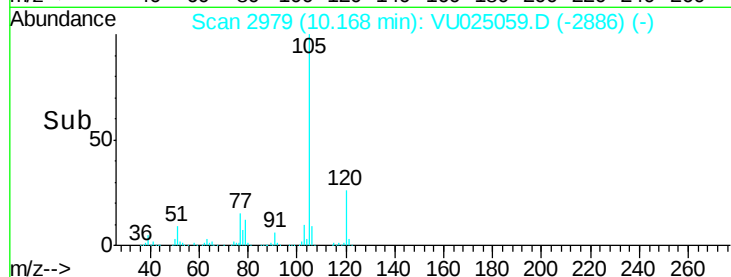
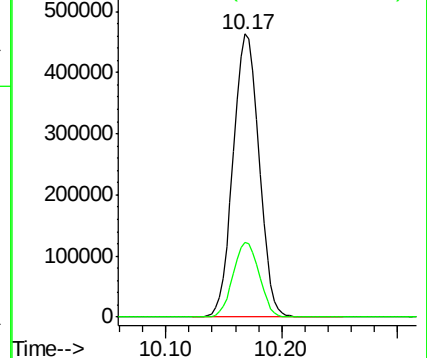
105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.441 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Tgt Ion: 43 Resp: 295712

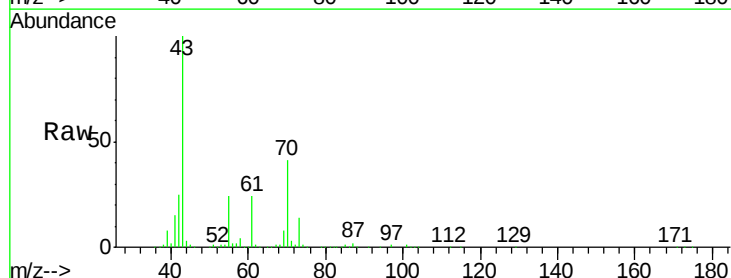
Ion Ratio Lower Upper

43 100

70 42.2 32.2 48.4

55 23.8 20.5 30.7

61 23.7 18.7 28.1

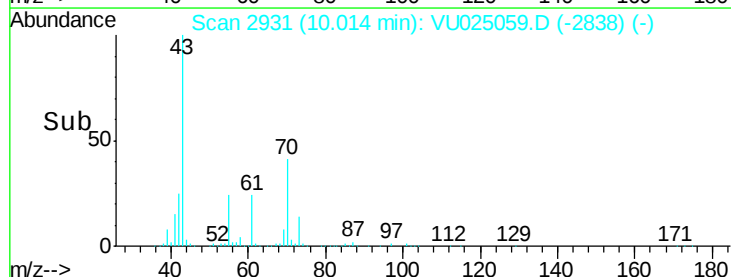
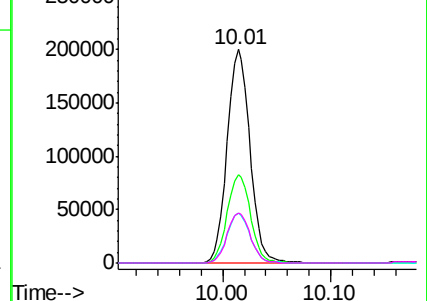


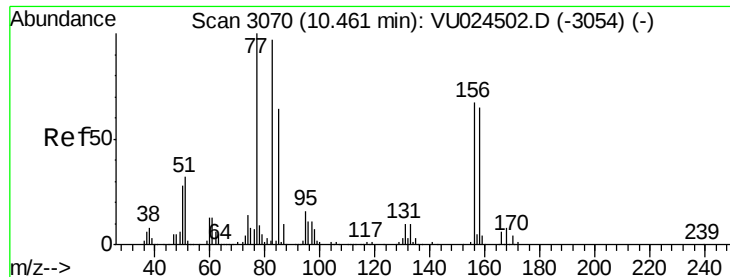
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 51.964 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

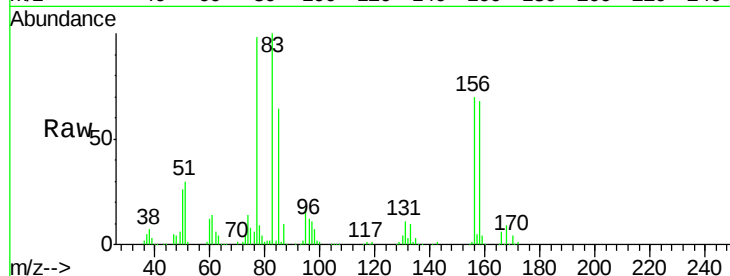
Tgt Ion: 83 Resp: 238240

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

85 64.0 32.5 97.5

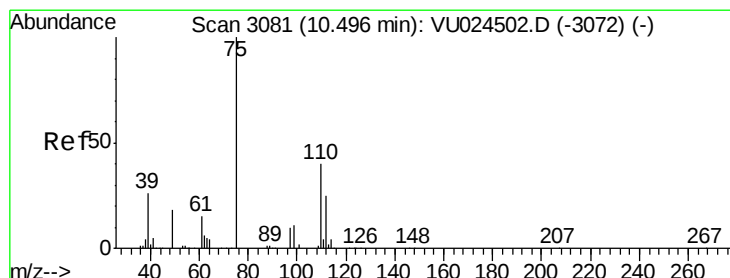
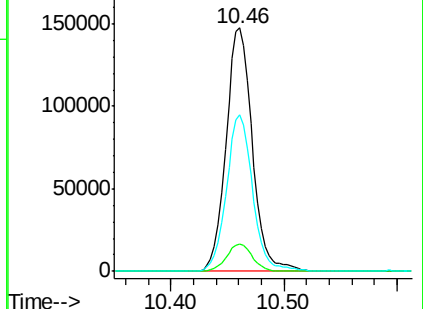
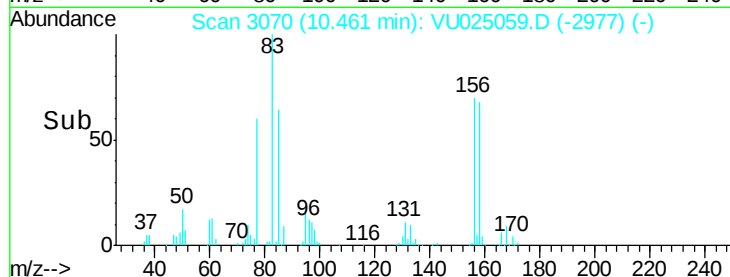


Abundance Ion 82.90 (82.60 to 83.60): VU025059.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025059.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025059.D (-2977) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 69.016 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025059.D

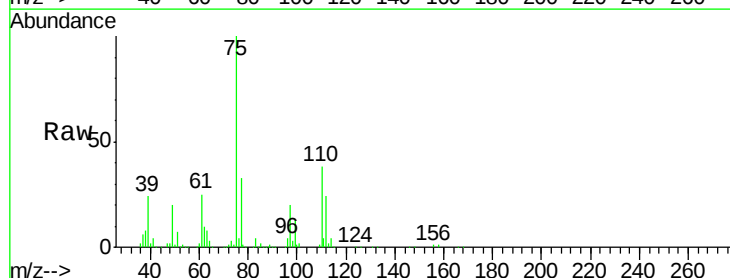
Acq: 29 Jun 2018 07:37

Tgt Ion: 75 Resp: 270776

Ion Ratio Lower Upper

75 100

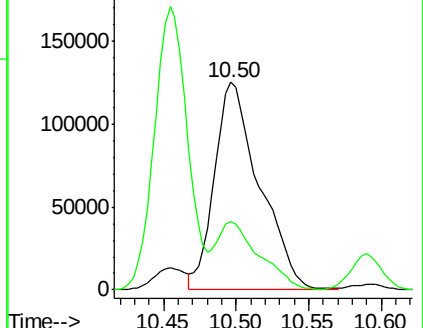
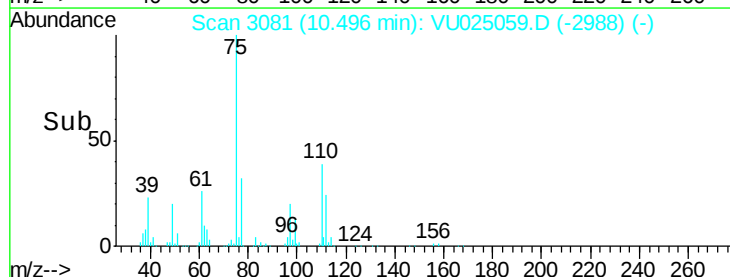
77 29.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025059.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025059.D (-2988) (-)

Time-->





#77

Bromobenzene

Concen: 53.556 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

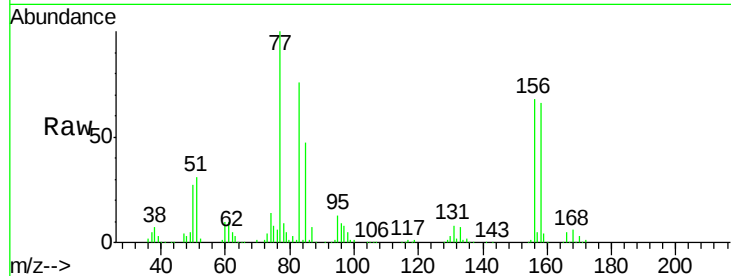
Tgt Ion:156 Resp: 185501

Ion Ratio Lower Upper

156 100

77 147.1 80.5 241.3

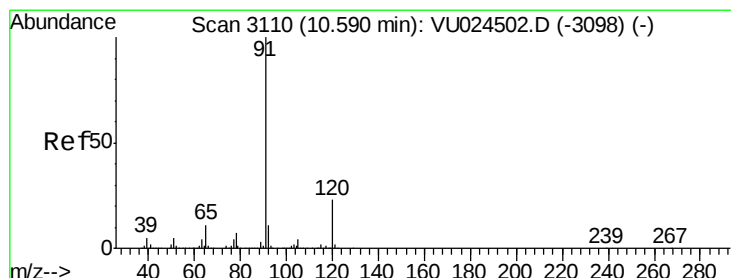
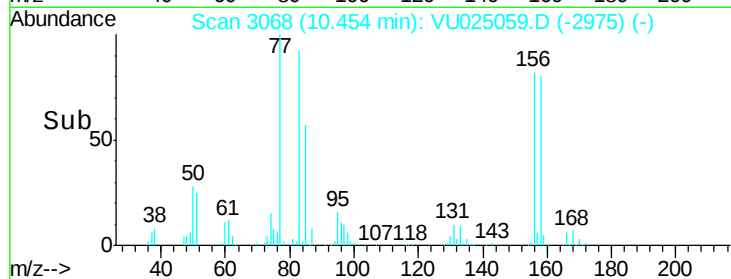
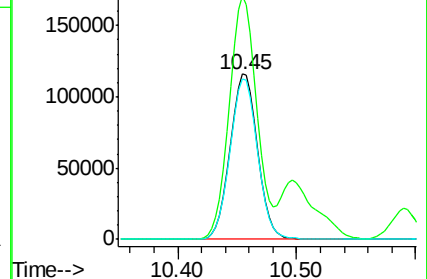
158 97.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.140 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025059.D

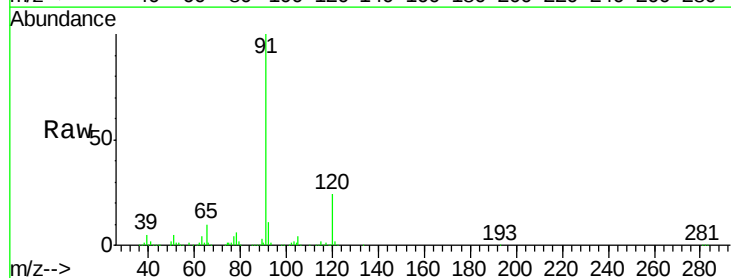
Acq: 29 Jun 2018 07:37

Tgt Ion: 91 Resp: 808098

Ion Ratio Lower Upper

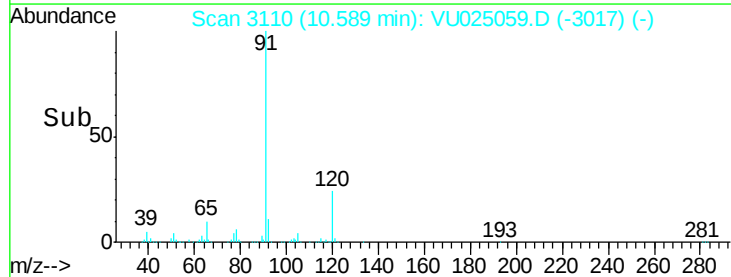
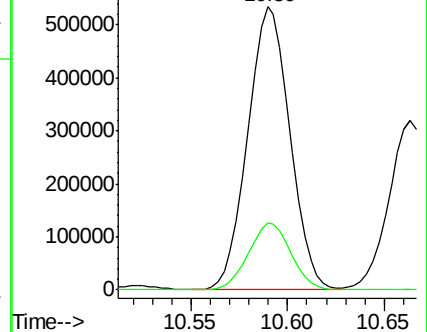
91 100

120 23.7 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: 51.269 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

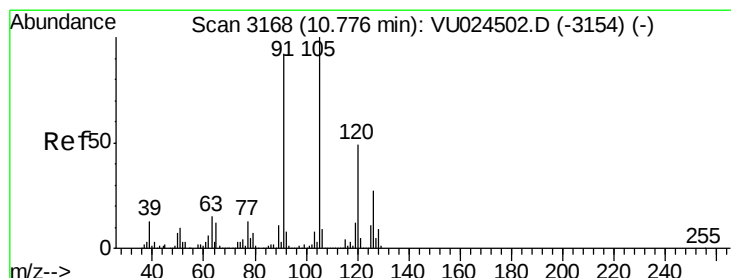
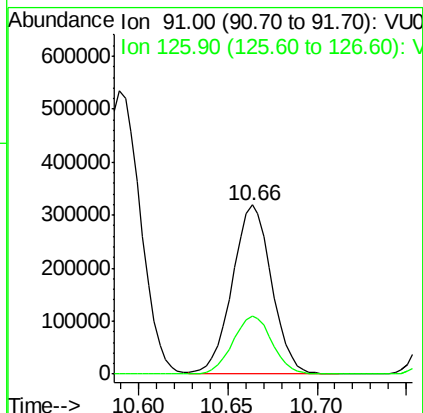
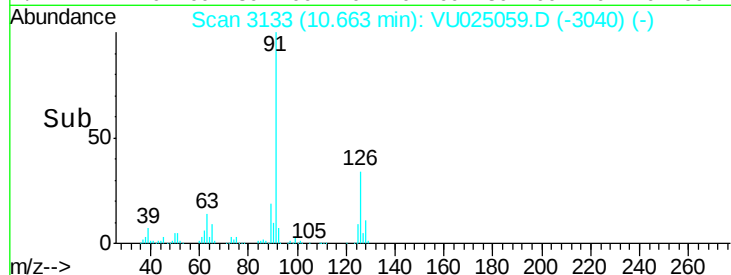
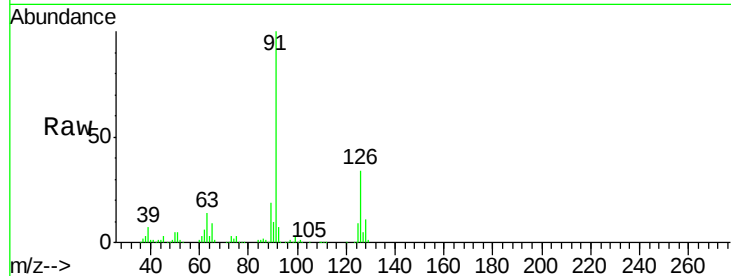
VSTDCCC050EC

Tgt Ion: 91 Resp: 487281

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 51.912 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025059.D

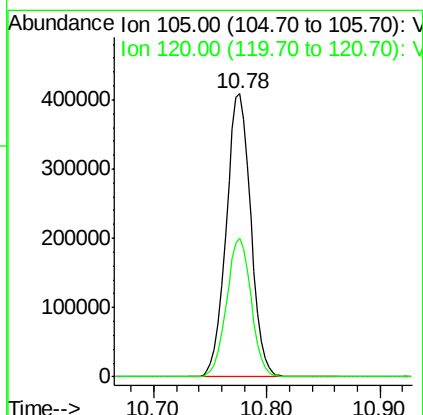
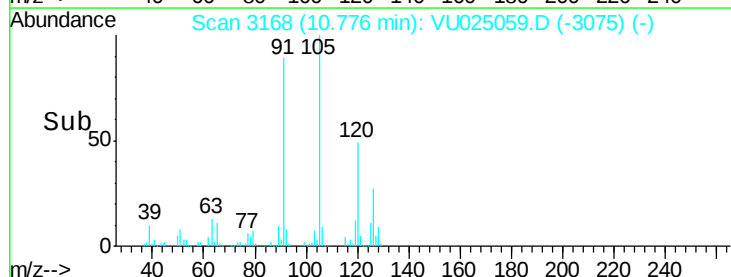
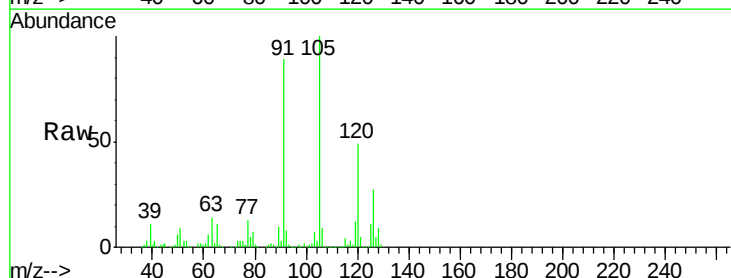
Acq: 29 Jun 2018 07:37

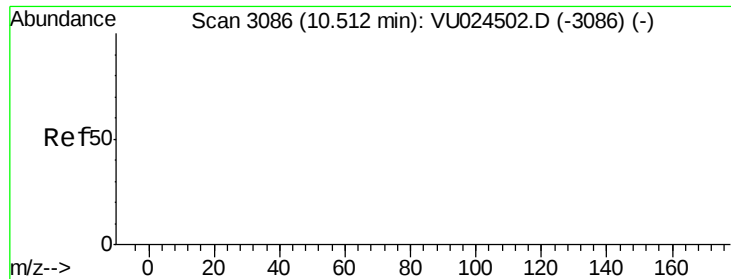
Tgt Ion: 105 Resp: 615600

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2

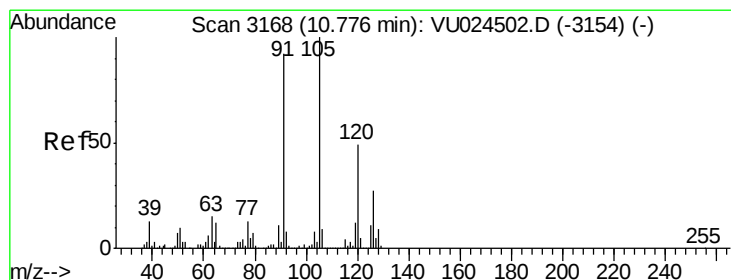
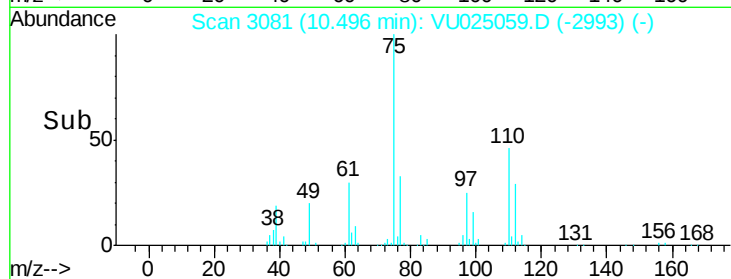
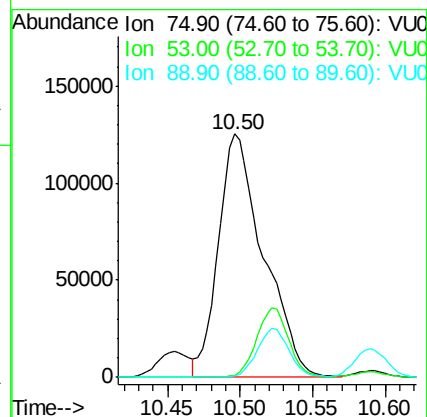
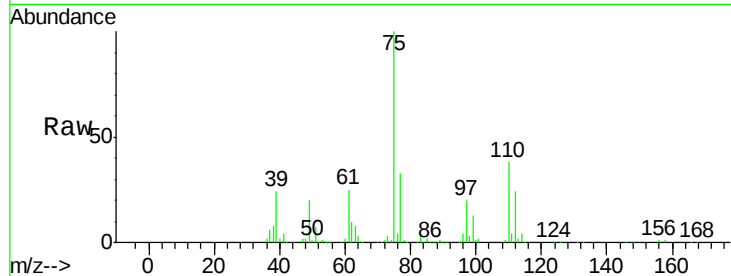




#81
trans-1,4-Dichloro-2-butene
Concen: 159.733 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

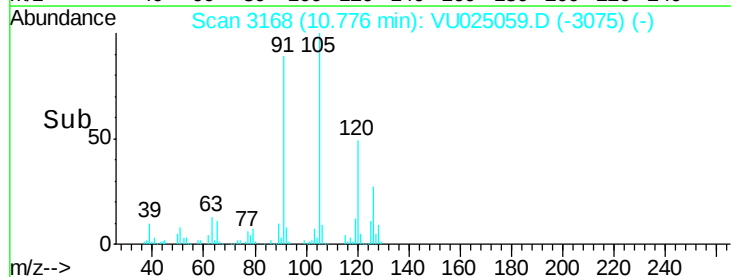
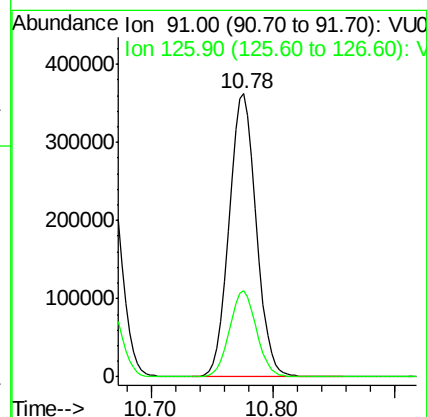
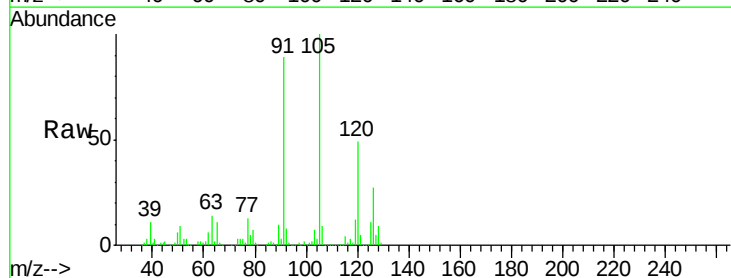
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 270776
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 51.014 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion: 91 Resp: 564323
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.9

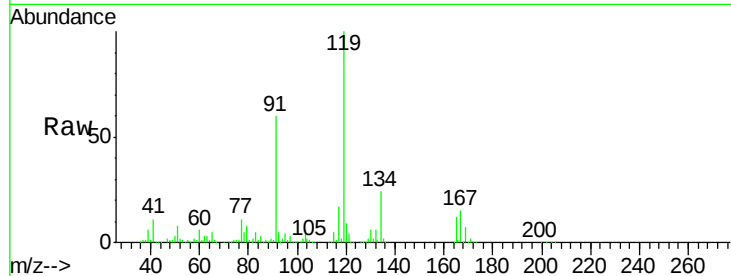




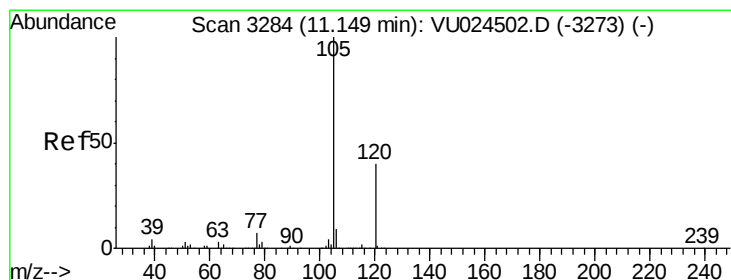
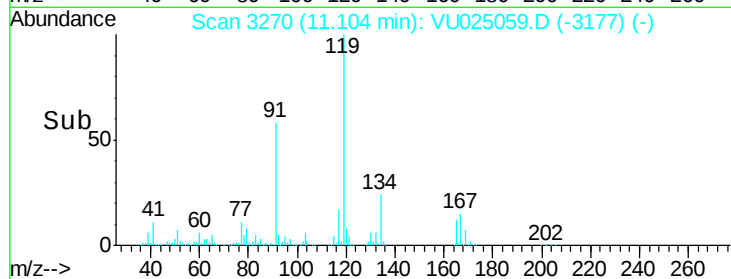
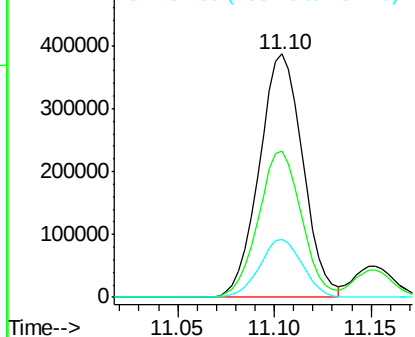
#83
 tert-Butylbenzene
 Concen: 52.973 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 604262
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.7 89.1
 134 23.4 11.6 34.7

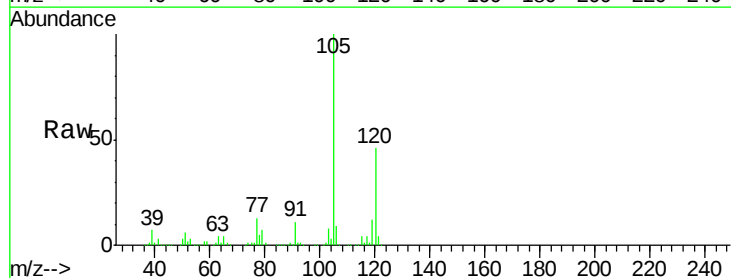


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

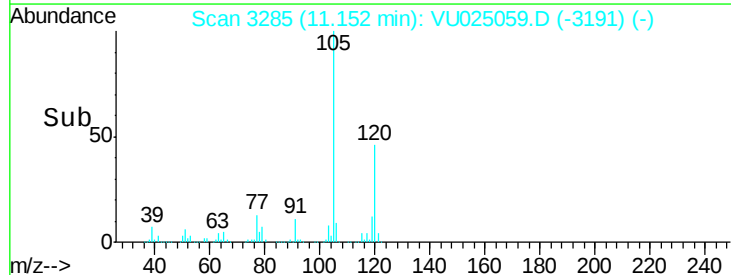
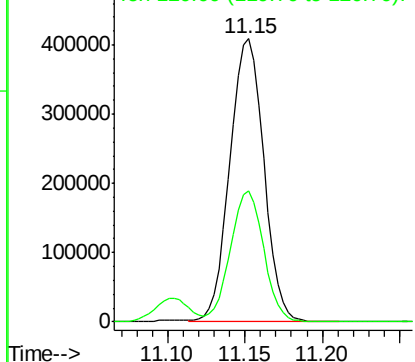


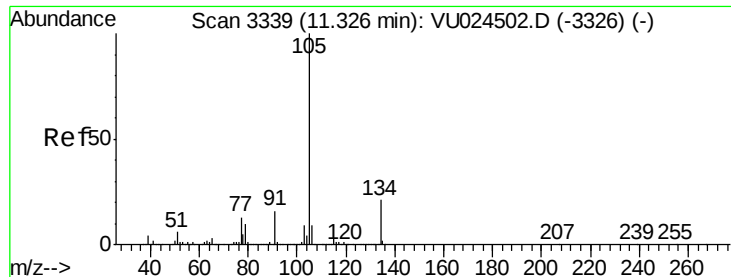
#84
 1,2,4-Trimethylbenzene
 Concen: 51.416 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion:105 Resp: 621359
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8



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

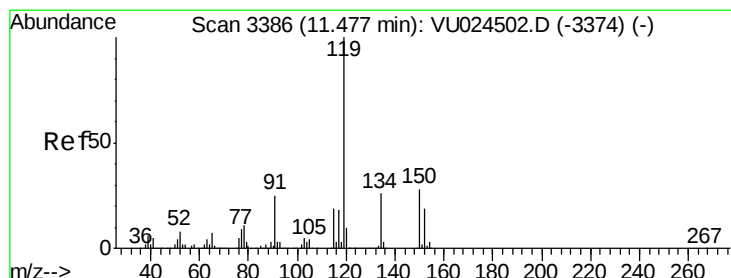
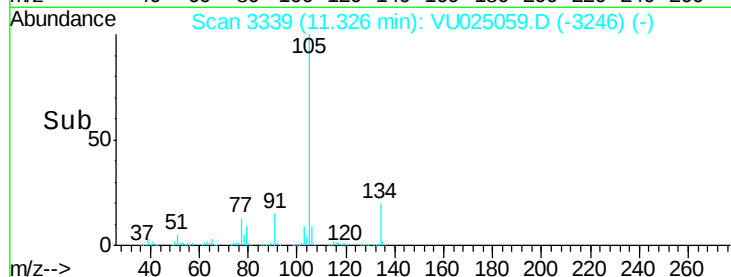
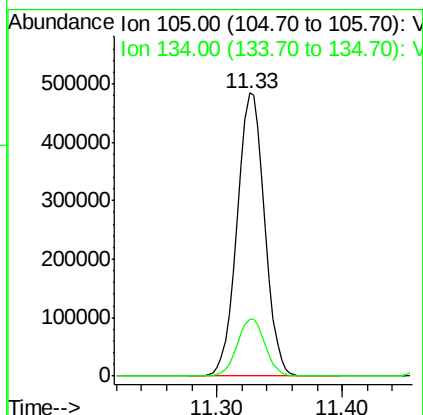
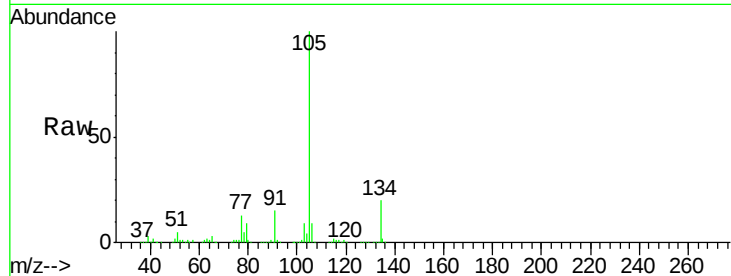




#85
 sec-Butylbenzene
 Concen: 51.555 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

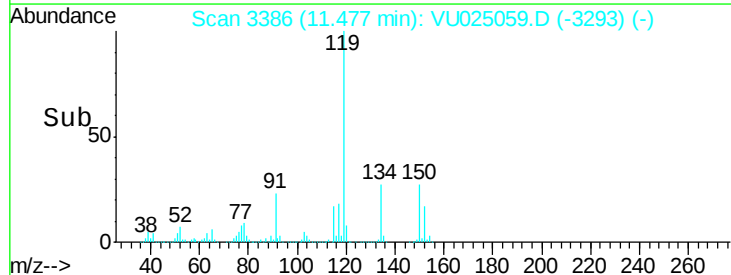
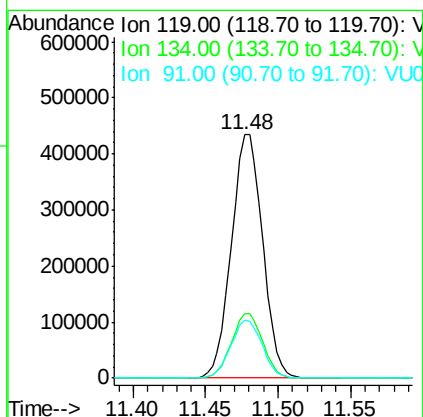
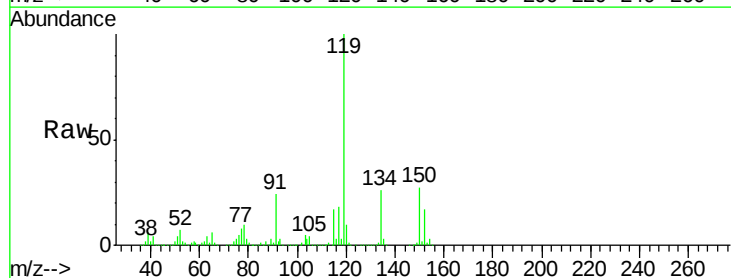
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 736132
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 50.703 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion:119 Resp: 648385
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 24.0 12.0 36.1

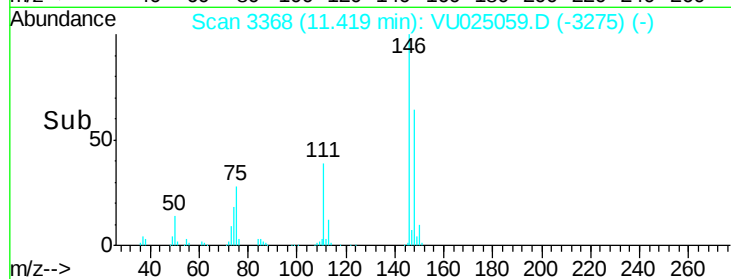
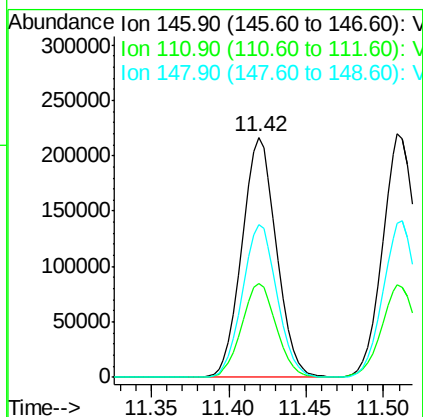
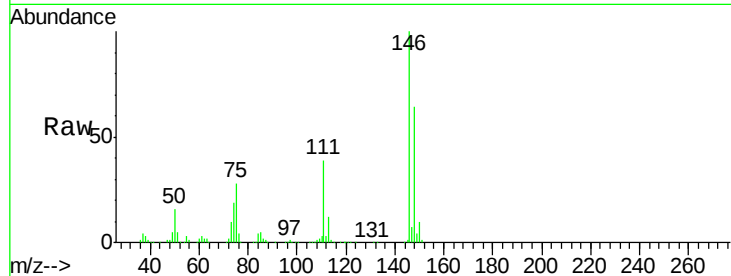




#87
 1,3-Dichlorobenzene
 Concen: 52.475 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

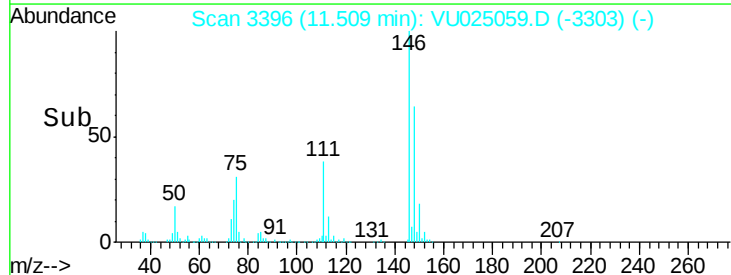
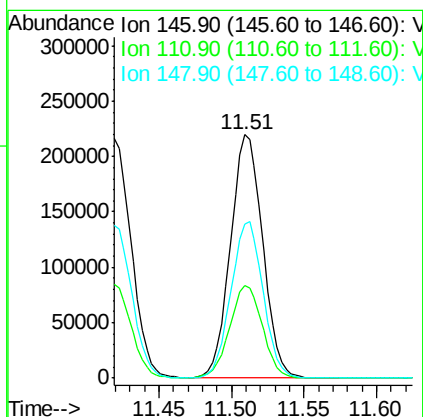
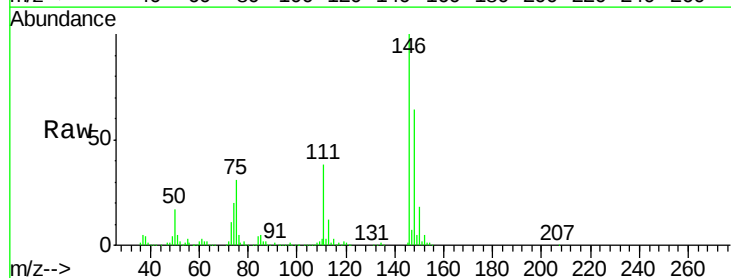
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

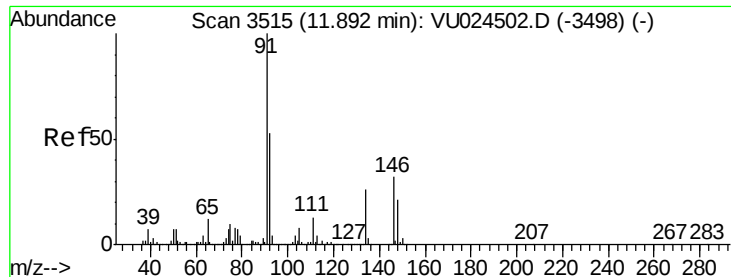
Tgt Ion:146 Resp: 335795
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 60.0
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.488 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025059.D
 Acq: 29 Jun 2018 07:37

Tgt Ion:146 Resp: 338066
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 45.696 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

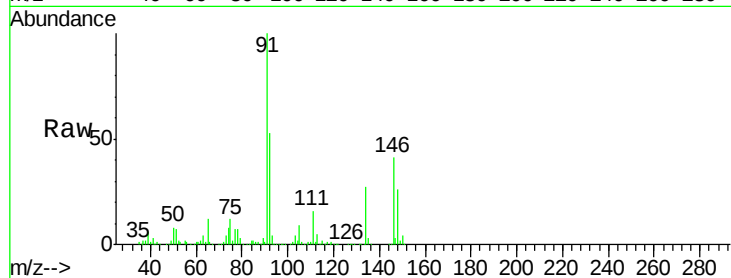
Tgt Ion: 91 Resp: 518801

Ion Ratio Lower Upper

91 100

92 53.0 25.6 76.8

134 27.3 12.3 36.8

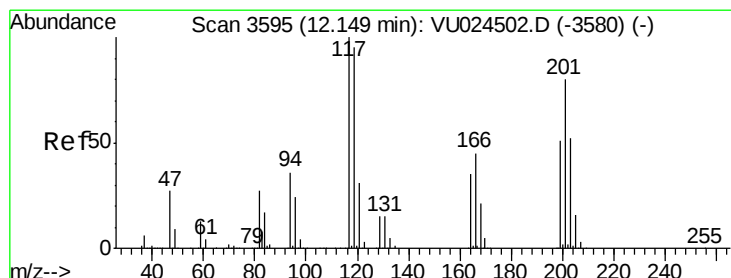
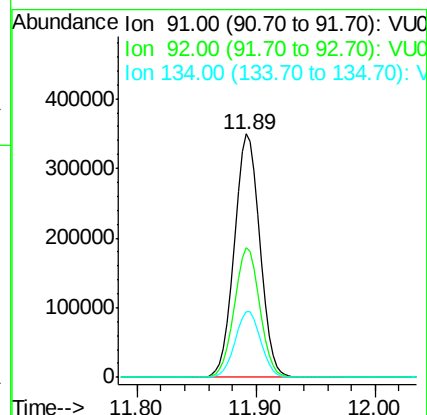
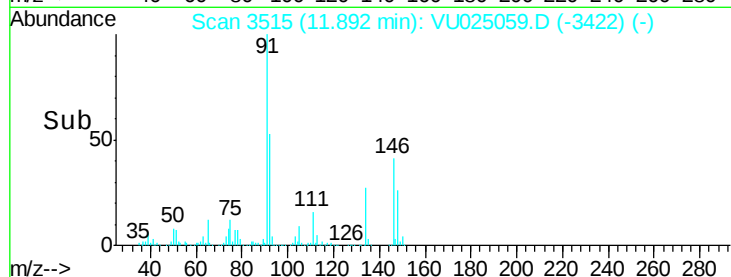


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

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

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

Time--> 11.80 11.90 12.00



#90

Hexachloroethane

Concen: 43.560 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025059.D

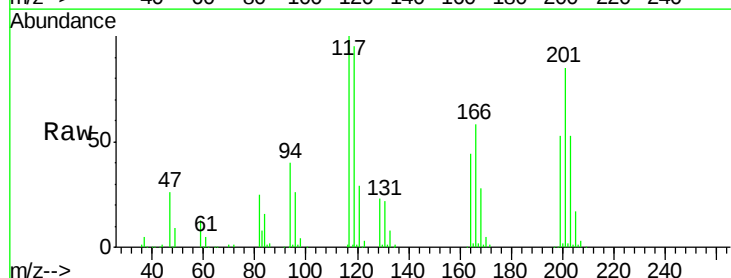
Acq: 29 Jun 2018 07:37

Tgt Ion: 117 Resp: 108667

Ion Ratio Lower Upper

117 100

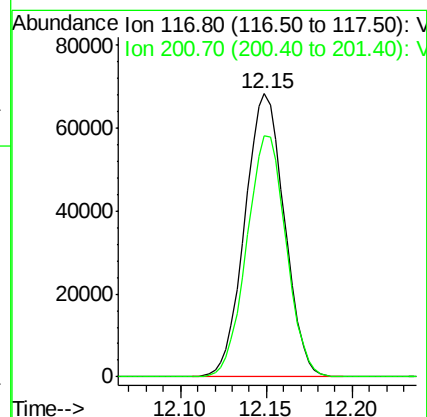
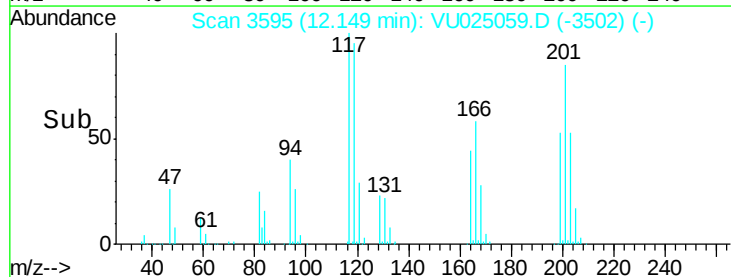
201 84.9 41.1 123.3



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

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

Time--> 12.10 12.15 12.20





#91

1,2-Dichlorobenzene

Concen: 54.380 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025059.D

Acq: 29 Jun 2018 07:37

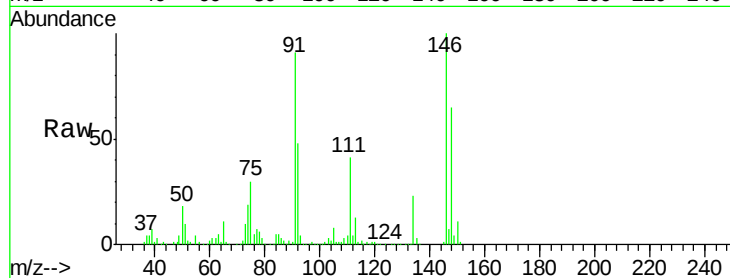
Instrument :

MSVOA_U

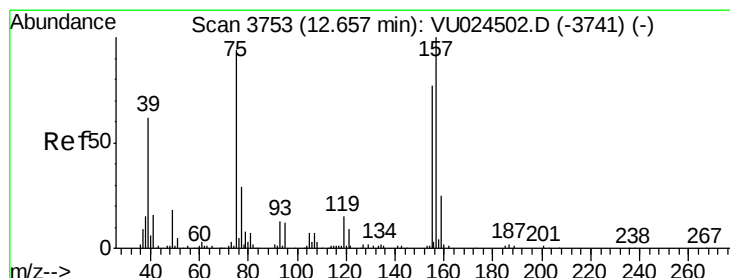
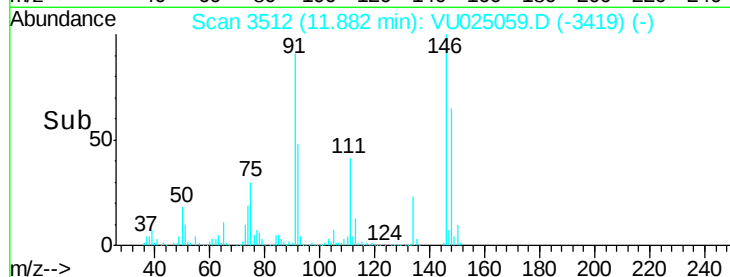
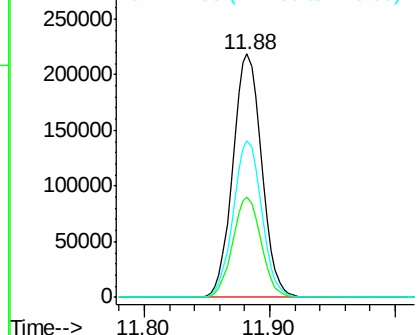
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	348555
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.6
148	63.7	31.9	95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.058 ug/l

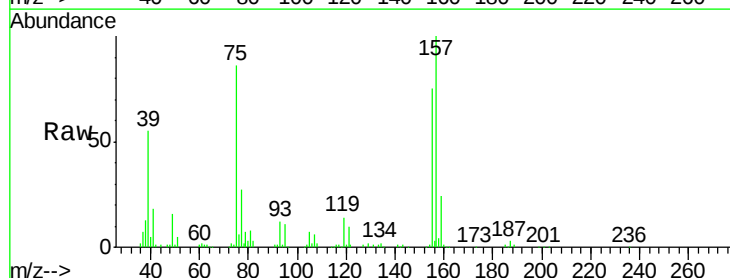
RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

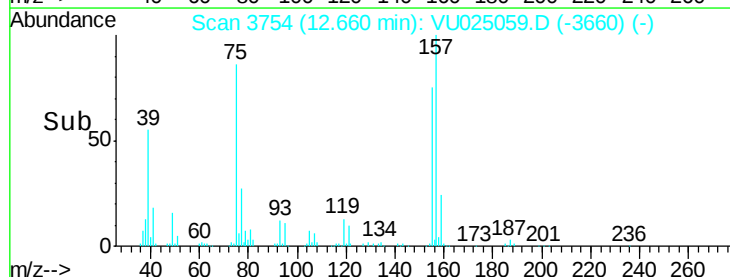
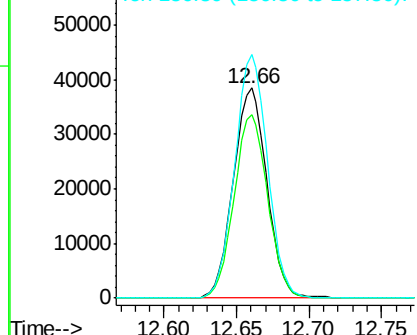
Lab File: VU025059.D

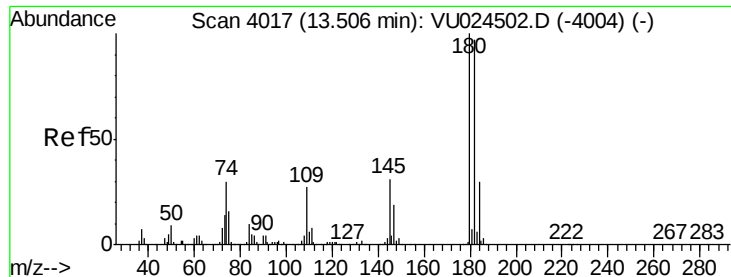
Acq: 29 Jun 2018 07:37

Tgt Ion:	75	Resp:	62062
Ion	Ratio	Lower	Upper
75	100		
155	87.2	40.4	121.2
157	112.9	52.3	156.8



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

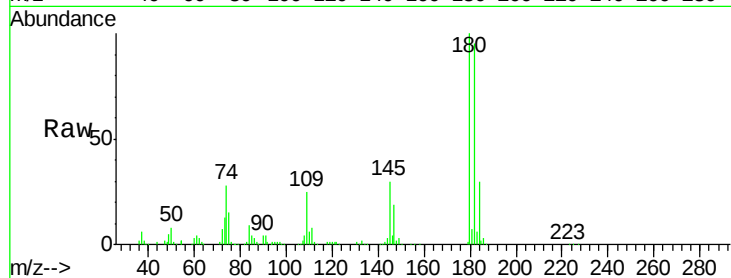




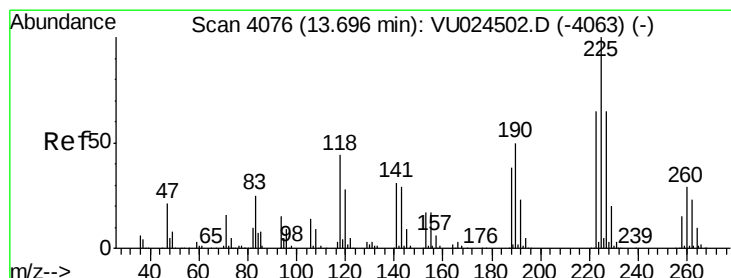
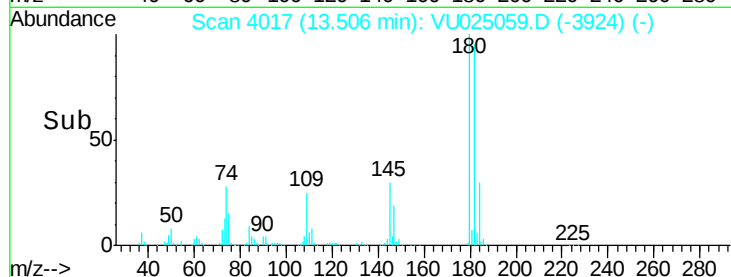
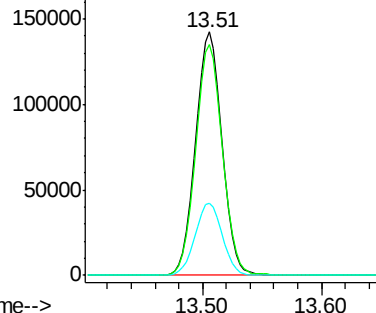
#93
1,2,4-Trichlorobenzene
Concen: 55.444 ug/l
RT: 13.51 min Scan# 4017
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 219449
Ion Ratio Lower Upper
180 100
182 95.7 48.0 144.2
145 30.4 14.7 44.1

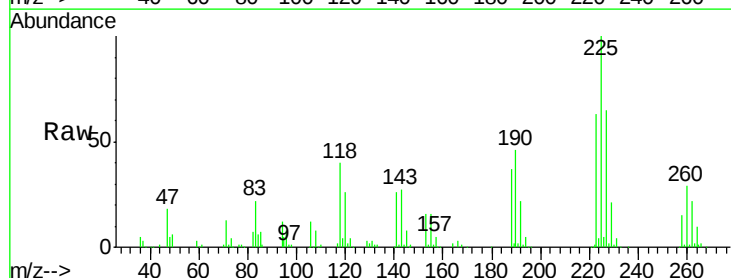


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

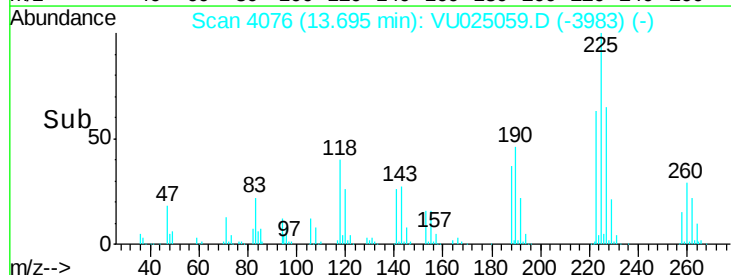
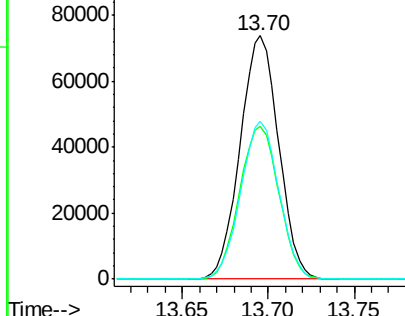


#94
Hexachlorobutadiene
Concen: 51.389 ug/l
RT: 13.70 min Scan# 4076
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion:225 Resp: 114485
Ion Ratio Lower Upper
225 100
223 64.1 31.3 93.8
227 64.5 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

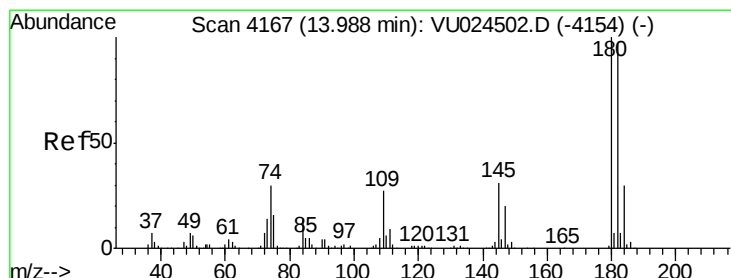
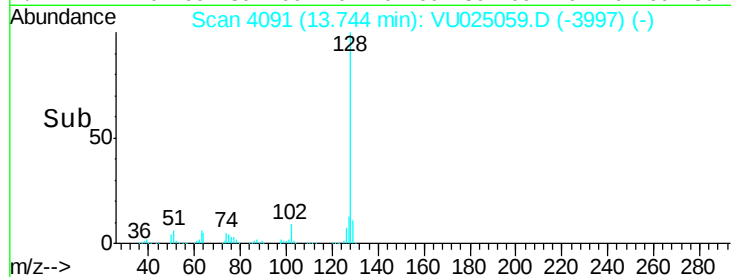
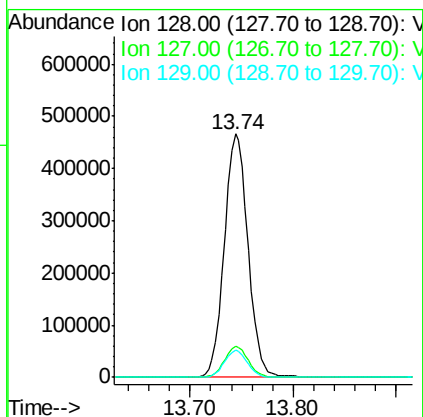
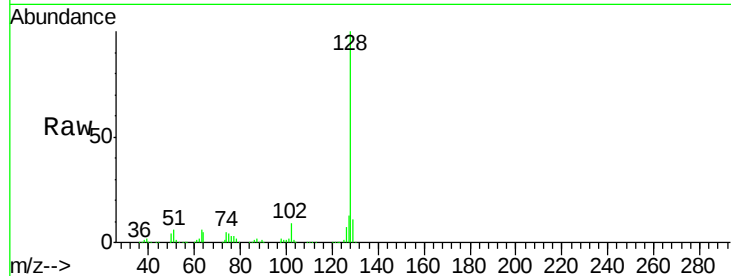




#95
Naphthalene
Concen: 56.905 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 746879
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 58.008 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025059.D
Acq: 29 Jun 2018 07:37

Tgt Ion:180 Resp: 228782
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.7
145 32.3 15.4 46.1

