

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025262.D
 Acq On : 07 Jul 2018 00:09
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 07 01:01:01 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	158151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	241001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	229784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	134590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99305	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	
35) Dibromofluoromethane	4.89	113	82232	41.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.22%	
50) Toluene-d8	7.57	98	272250	37.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.64%	
62) 4-Bromofluorobenzene	10.31	95	109030	37.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	77890	39.347	ug/l	98
3) Chloromethane	1.33	50	79155	39.139	ug/l	99
4) Vinyl Chloride	1.40	62	85578	41.031	ug/l	95
5) Bromomethane	1.62	94	54276	53.832	ug/l	99
6) Chloroethane	1.69	64	56613	48.545	ug/l	97
7) Trichlorofluoromethane	1.88	101	137081	43.067	ug/l	100
8) Diethyl Ether	2.10	74	52544	48.450	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85623	43.361	ug/l	97
10) Methyl Iodide	2.41	142	97876	57.662	ug/l	96
11) Tert butyl alcohol	2.82	59	135205	215.319	ug/l	100
12) 1,1-Dichloroethene	2.28	96	76864	42.684	ug/l	98
13) Acrolein	2.19	56	73425	222.674	ug/l	99
14) Allyl chloride	2.59	41	131023	39.186	ug/l	96
15) Acrylonitrile	2.93	53	283279	231.871	ug/l	99
16) Acetone	2.32	43	278119	200.486	ug/l	97
17) Carbon Disulfide	2.48	76	199809	34.652	ug/l	99
18) Methyl Acetate	2.62	43	138022	46.411	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	315272	46.575	ug/l	96
20) Methylene Chloride	2.70	84	97754	44.910	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	86167	43.445	ug/l	96
22) Diisopropyl ether	3.57	45	299274	45.152	ug/l	95
23) Vinyl Acetate	3.53	43	1306299	220.011	ug/l	98
24) 1,1-Dichloroethane	3.45	63	171328	44.933	ug/l	98
25) 2-Butanone	4.26	43	415294	222.874	ug/l	96
26) 2,2-Dichloropropane	4.23	77	126789	35.019	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	102685	45.033	ug/l	97
28) Bromochloromethane	4.55	49	81298	48.407	ug/l	85
29) Tetrahydrofuran	4.64	42	259108	224.547	ug/l	97
30) Chloroform	4.68	83	180117	46.670	ug/l	98
31) Cyclohexane	5.00	56	145929	42.813	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	164101	45.982	ug/l	96
36) 1,1-Dichloropropene	5.14	75	122097	43.114	ug/l	96
37) Ethyl Acetate	4.38	43	155712	50.447	ug/l	99
38) Carbon Tetrachloride	5.14	117	142172	45.653	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	147398	41.708	ug/l	93
40) Benzene	5.39	78	370868	45.959	ug/l	97
41) Methacrylonitrile	4.54	41	84229	50.613	ug/l	99
42) 1,2-Dichloroethane	5.41	62	151844	49.406	ug/l	100
43) Isopropyl Acetate	5.55	43	238520	44.705	ug/l	99
44) Trichloroethene	6.19	130	103660	45.137	ug/l	94
45) 1,2-Dichloropropane	6.44	63	100608	46.726	ug/l	96
46) Dibromomethane	6.56	93	70755	46.784	ug/l	93
47) Bromodichloromethane	6.76	83	135789	45.089	ug/l	98
48) Methyl methacrylate	6.62	41	120699	46.458	ug/l	99
49) 1,4-Dioxane	6.61	88	55841	1099.076	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	778538	232.264	ug/l	98
52) Toluene	7.64	92	237338	45.716	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	143100	42.312	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	150150	41.665	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	99784	47.283	ug/l	97
56) Ethyl methacrylate	8.02	69	159411	45.131	ug/l	100
57) 1,3-Dichloropropane	8.25	76	168204	47.249	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	283953	209.840	ug/l	95
59) 2-Hexanone	8.36	43	619727	226.463	ug/l	99
60) Dibromochloromethane	8.48	129	112488	42.745	ug/l	99
61) 1,2-Dibromoethane	8.59	107	108931	46.376	ug/l	99
64) Tetrachloroethene	8.23	164	102492	46.924	ug/l	99
65) Chlorobenzene	9.12	112	270408	46.065	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	102111	45.786	ug/l	98
67) Ethyl Benzene	9.25	91	467718	45.450	ug/l	98
68) m/p-Xylenes	9.38	106	362406	91.710	ug/l	97
69) o-Xylene	9.78	106	182087	46.560	ug/l	95
70) Styrene	9.80	104	291110	45.296	ug/l	99
71) Bromoform	9.96	173	87102	41.090	ug/l #	98
73) Isopropylbenzene	10.17	105	488122	47.238	ug/l	99
74) N-amyl acetate	10.01	43	208275	42.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	165382	47.761	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	193188	65.196	ug/l	84
77) Bromobenzene	10.45	156	124876	47.735	ug/l	94
78) n-propylbenzene	10.59	91	538695	44.255	ug/l	97
79) 2-Chlorotoluene	10.66	91	331974	46.247	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	415723	46.417	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	193188	150.891	ug/l #	100
82) 4-Chlorotoluene	10.78	91	377840	45.224	ug/l	99
83) tert-Butylbenzene	11.10	119	412810	47.916	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	415948	45.572	ug/l	100
85) sec-Butylbenzene	11.33	105	494406	45.846	ug/l	97
86) p-Isopropyltoluene	11.48	119	434885	45.027	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	223516	46.247	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	222505	45.740	ug/l	99
89) n-Butylbenzene	11.89	91	340224	39.677	ug/l	97
90) Hexachloroethane	12.15	117	73687	39.110	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	232658	48.061	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	42086	44.048	ug/l	93

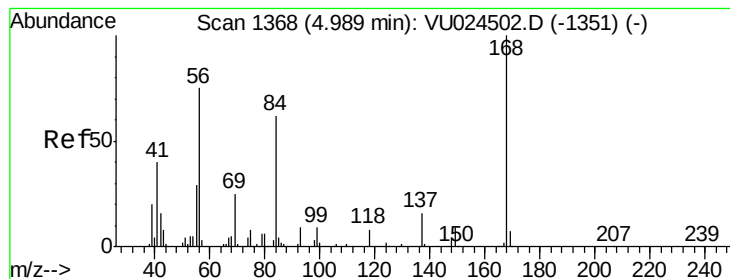
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	139918	46.805	ug/l	99
94) Hexachlorobutadiene	13.70	225	73771	43.844	ug/l	99
95) Naphthalene	13.74	128	487508	49.271	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	151004	50.694	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

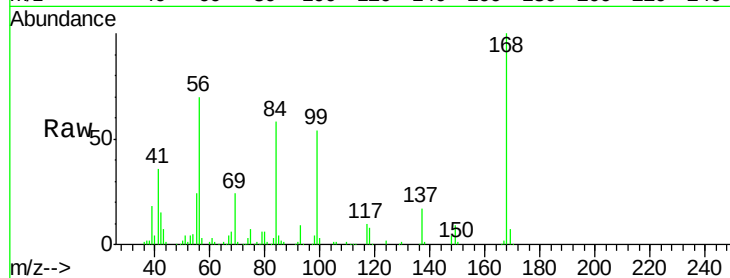
ClientSampleId :

Tot Ion:168 Resp: 158151

Ion Ratio Lower Upper

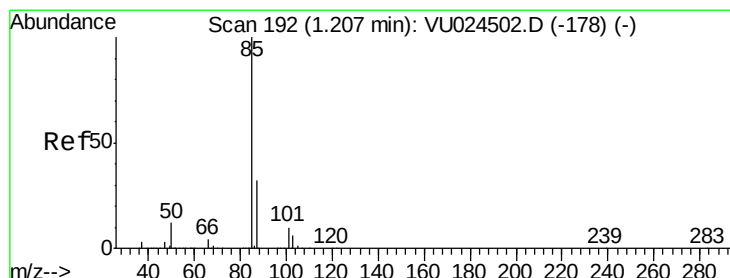
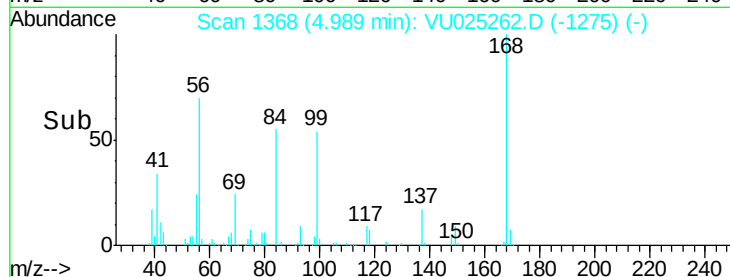
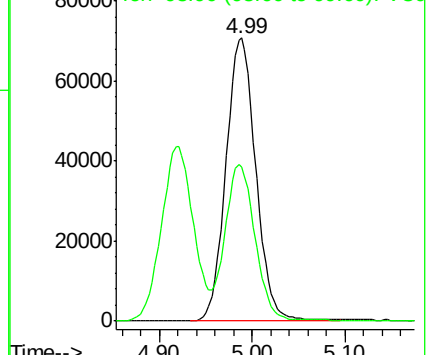
168 100

99 54.0 43.2 64.8



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

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



#2

Dichlorodifluoromethane

Concen: 39.347 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025262.D

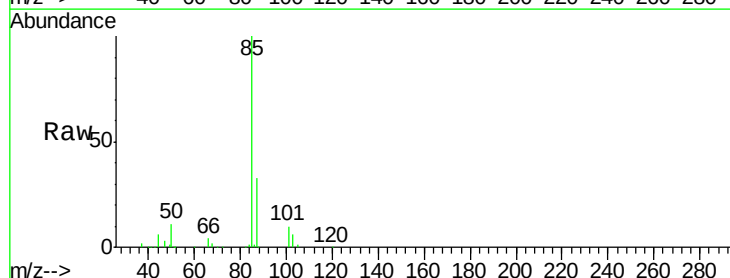
Acq: 07 Jul 2018 00:09

Tgt Ion: 85 Resp: 77890

Ion Ratio Lower Upper

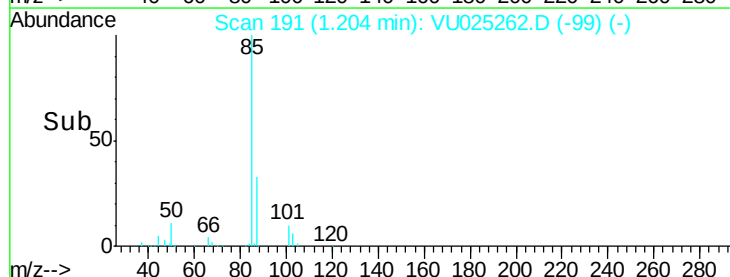
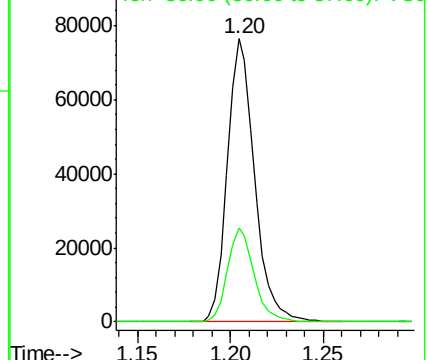
85 100

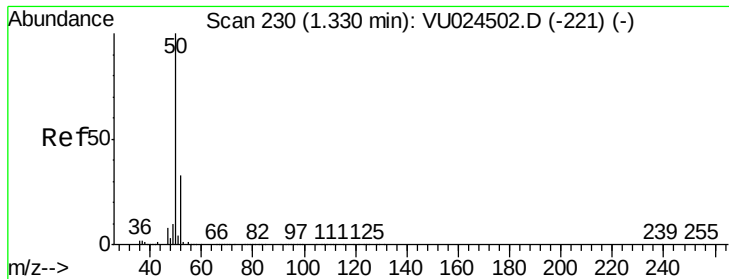
87 33.0 16.1 48.2



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

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





#3

Chloromethane

Concen: 39.139 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

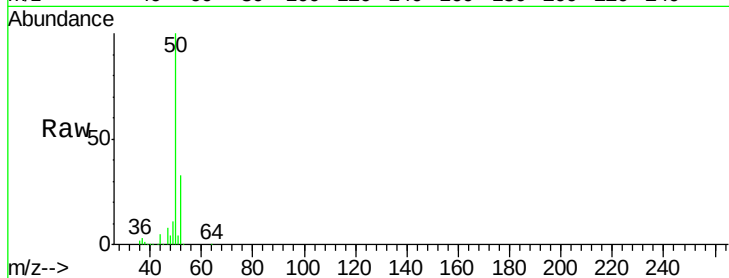
ClientSampled :

Tot Ion: 50 Resp: 79155

Ion Ratio Lower Upper

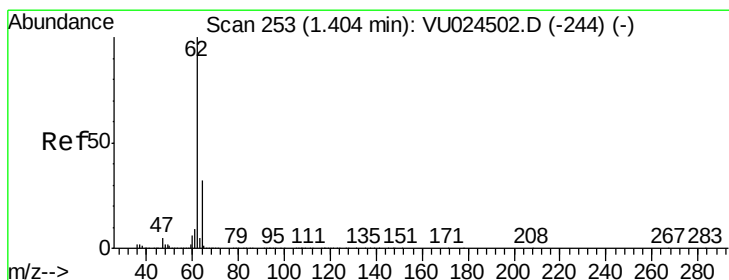
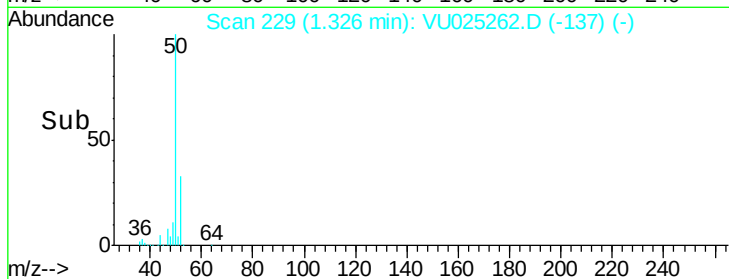
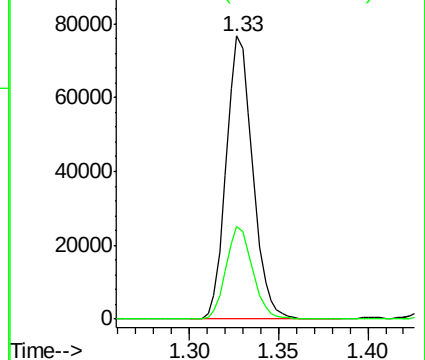
50 100

52 32.6 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: 41.031 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025262.D

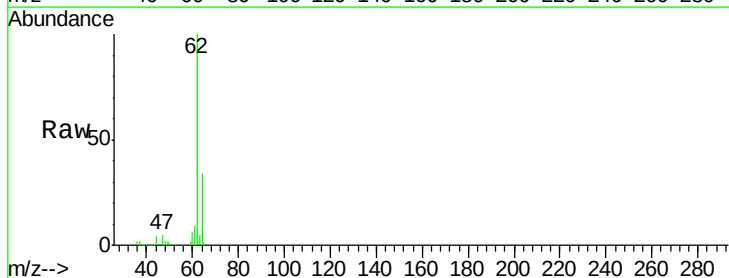
Acq: 07 Jul 2018 00:09

Tgt Ion: 62 Resp: 85578

Ion Ratio Lower Upper

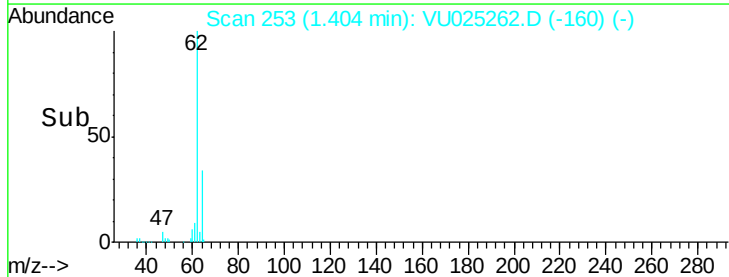
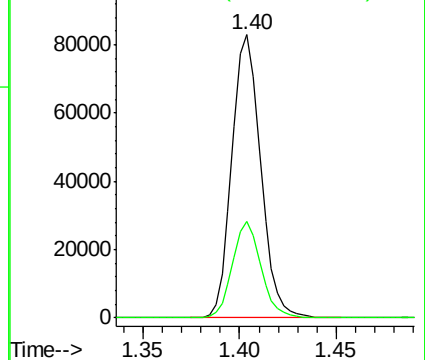
62 100

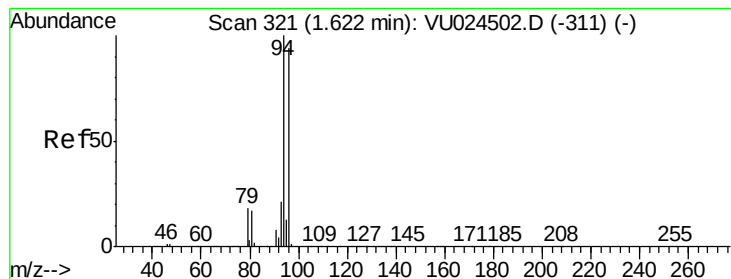
64 34.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 53.832 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

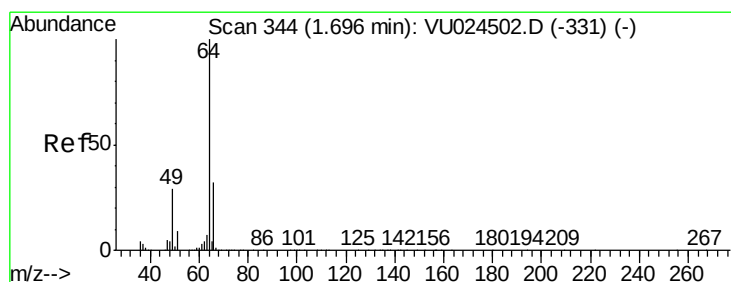
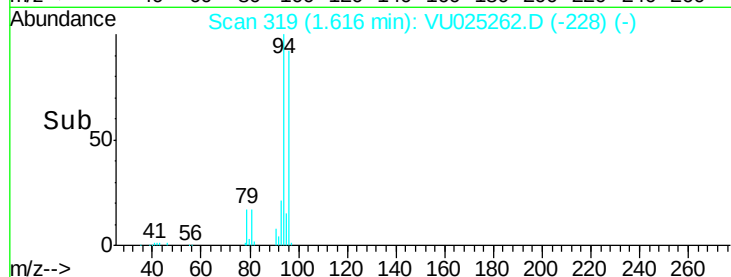
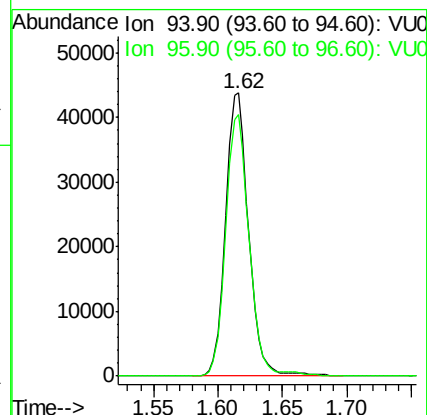
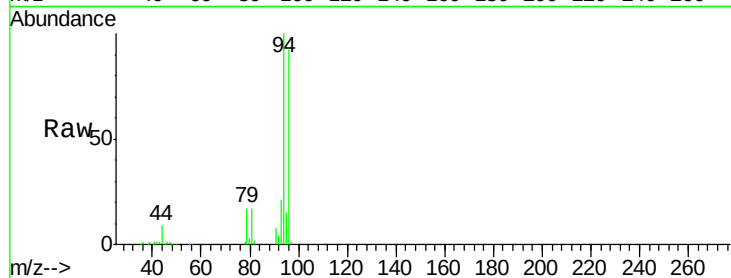
ClientSampleId :

Tot Ion: 94 Resp: 54276

Ion Ratio Lower Upper

94 100

96 92.5 74.5 111.7



#6

Chloroethane

Concen: 48.545 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025262.D

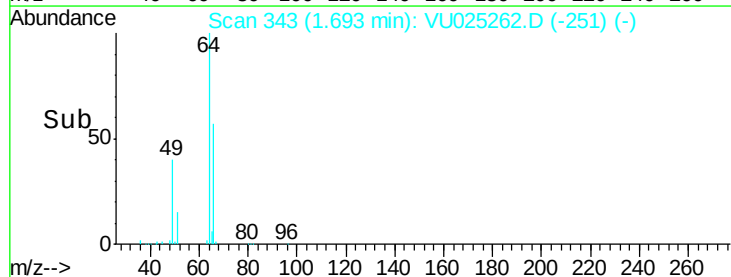
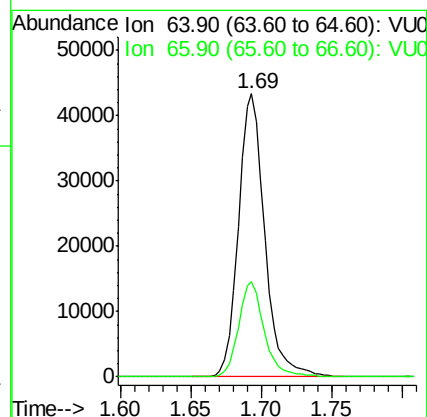
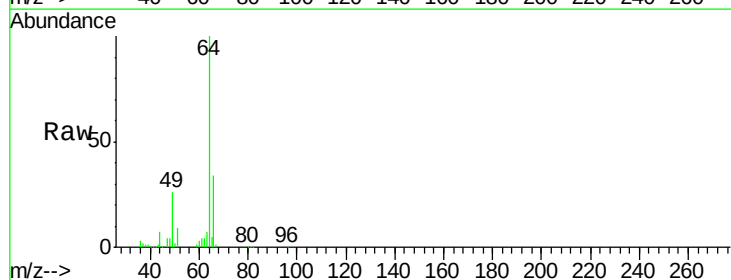
Acq: 07 Jul 2018 00:09

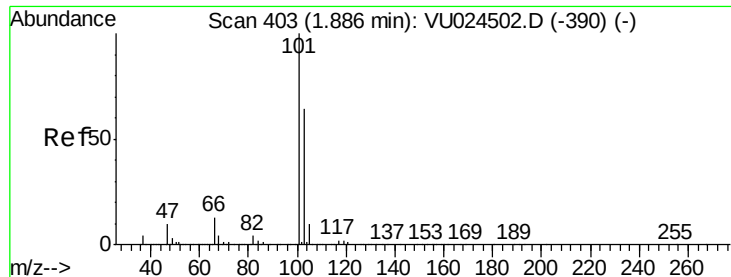
Tgt Ion: 64 Resp: 56613

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3



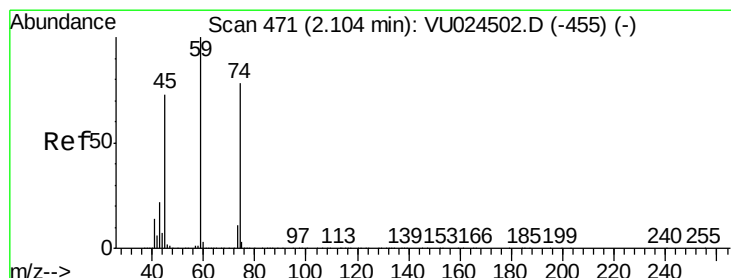
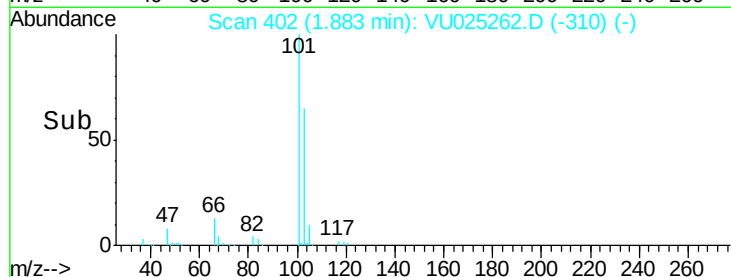
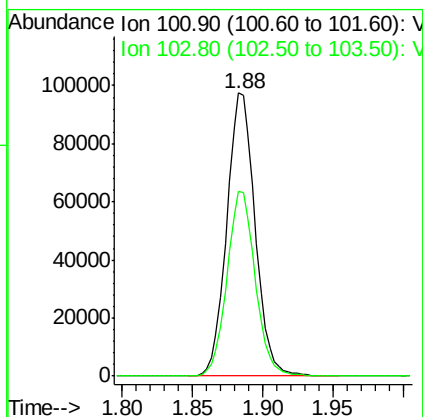
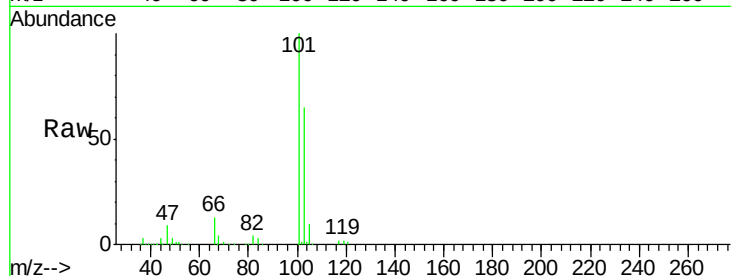


#7

Trichlorofluoromethane
Concen: 43.067 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampleId :

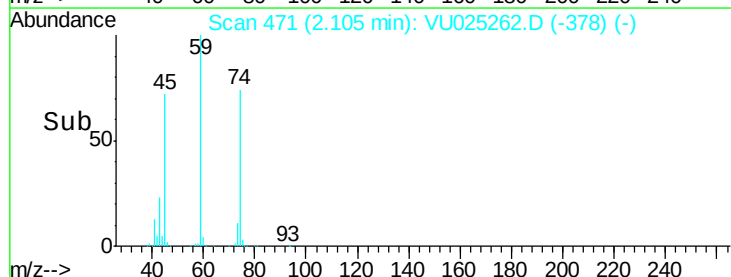
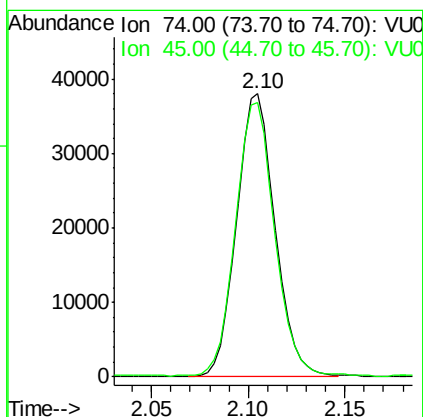
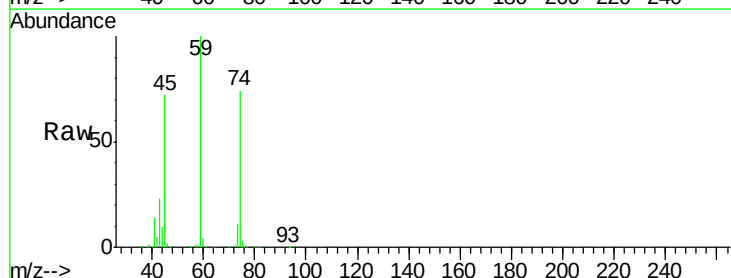
Tot Ion:101 Resp: 137081
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

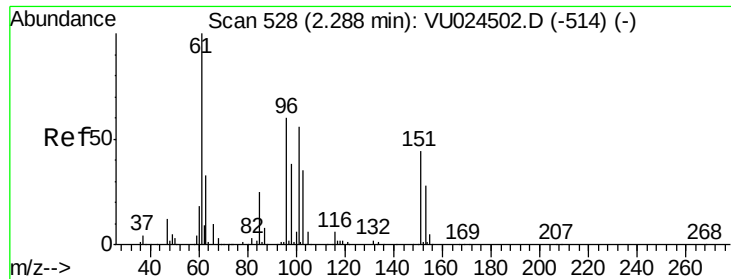


#8

Diethyl Ether
Concen: 48.450 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 74 Resp: 52544
Ion Ratio Lower Upper
74 100
45 98.0 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.361 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

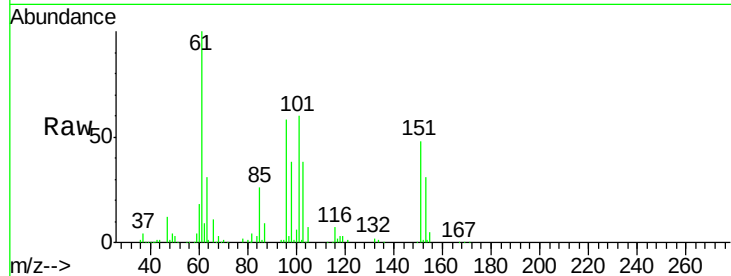
Tot Ion:101 Resp: 85623

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

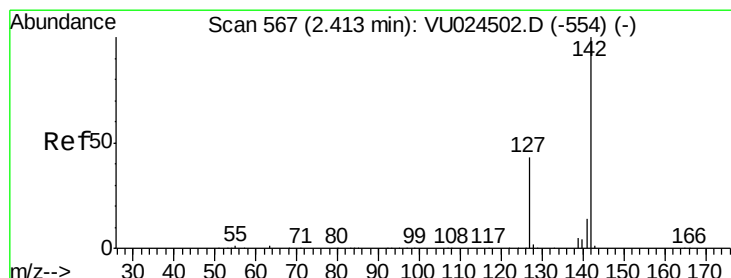
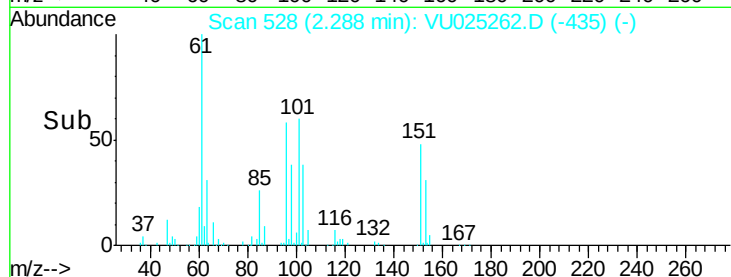
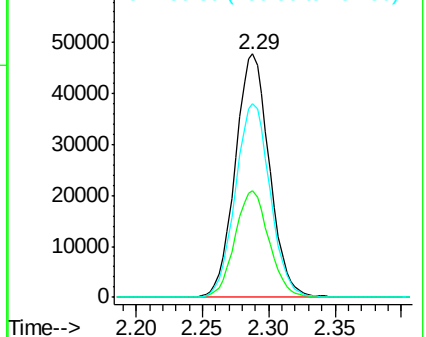
151 80.8 62.3 93.5



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: 57.662 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

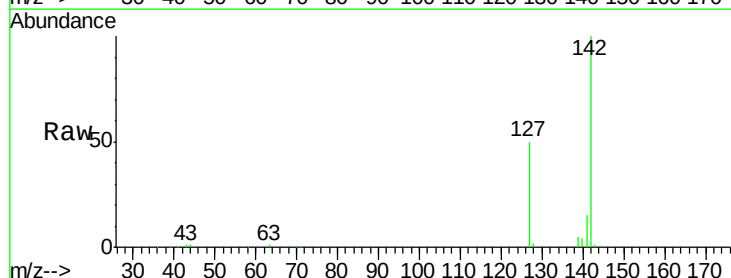
Tgt Ion:142 Resp: 97876

Ion Ratio Lower Upper

142 100

127 48.3 35.6 53.4

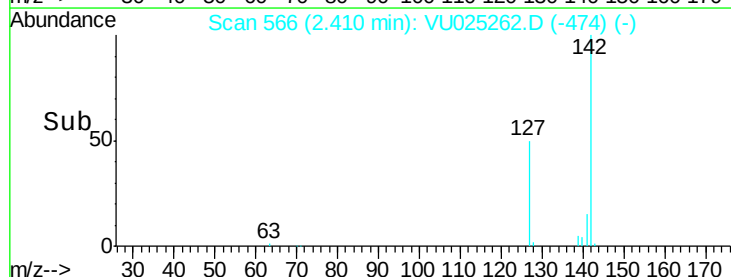
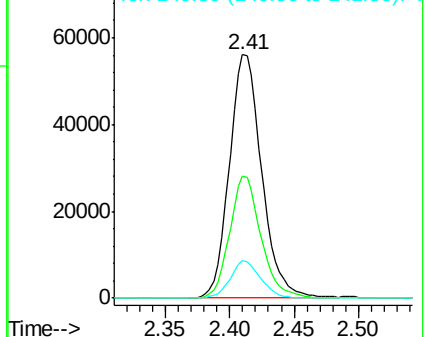
141 14.5 11.7 17.5

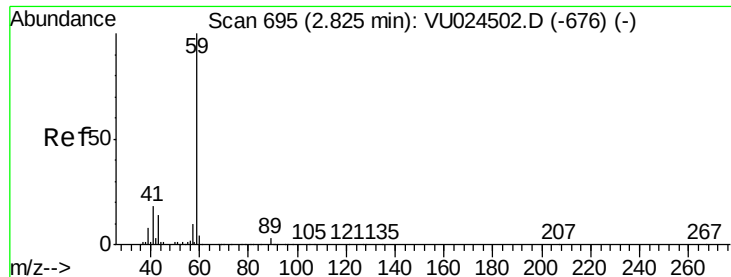


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



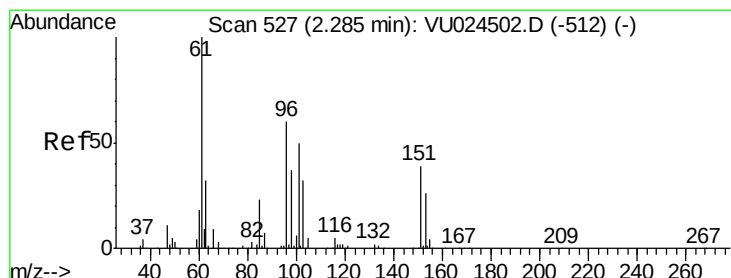
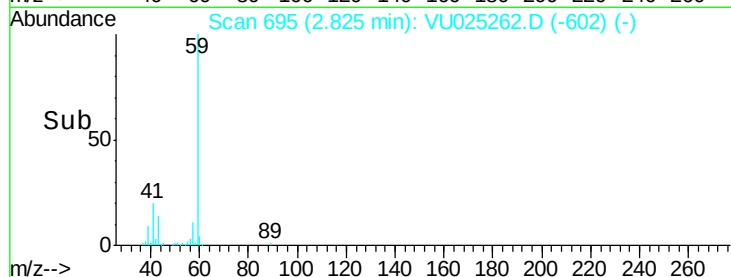
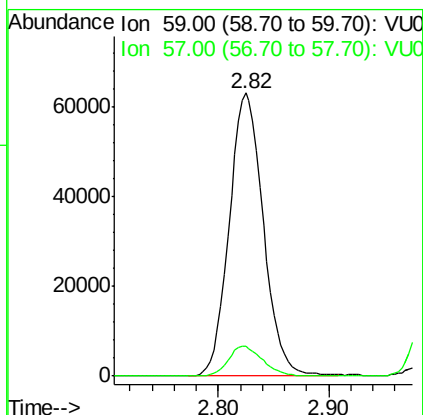
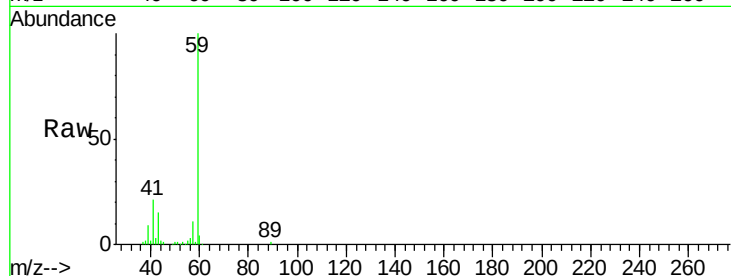


#11

Tert butyl alcohol
Concen: 215.319 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampleId :

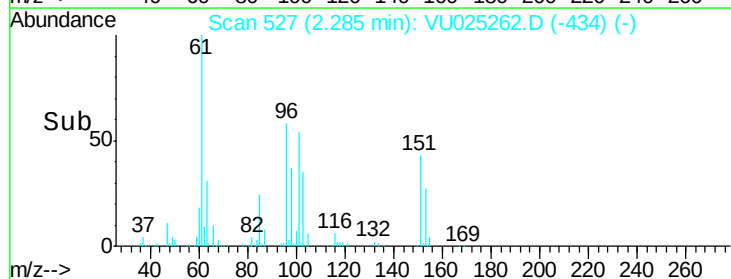
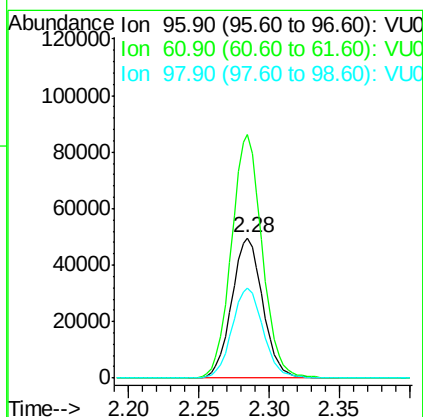
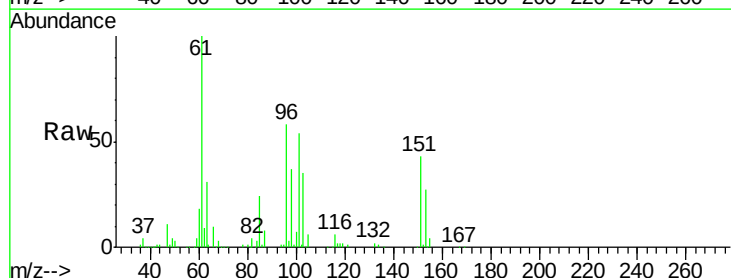
Tot Ion: 59 Resp: 135205
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

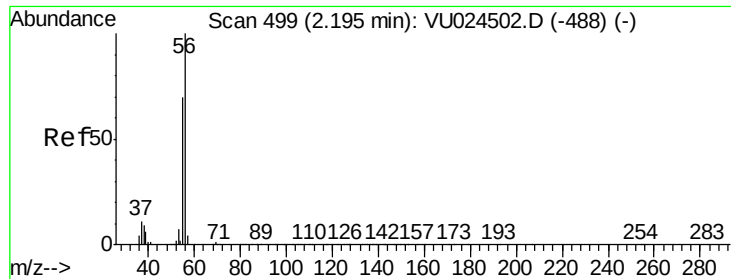


#12

1,1-Dichloroethene
Concen: 42.684 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 96 Resp: 76864
Ion Ratio Lower Upper
96 100
61 173.4 141.7 212.5
98 64.1 51.6 77.4





#13

Acrolein

Concen: 222.674 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

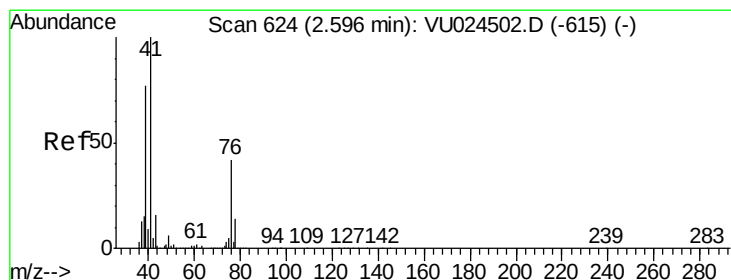
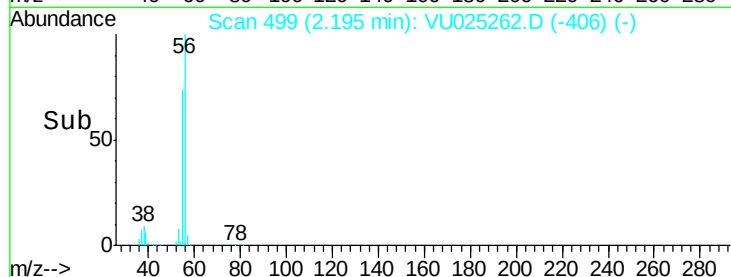
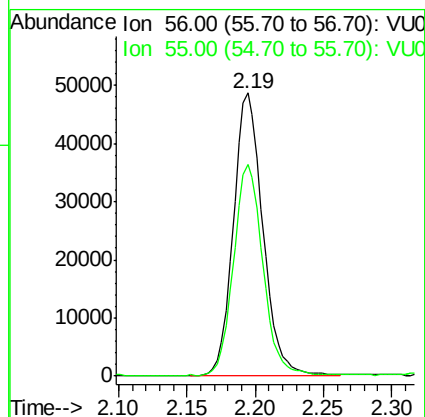
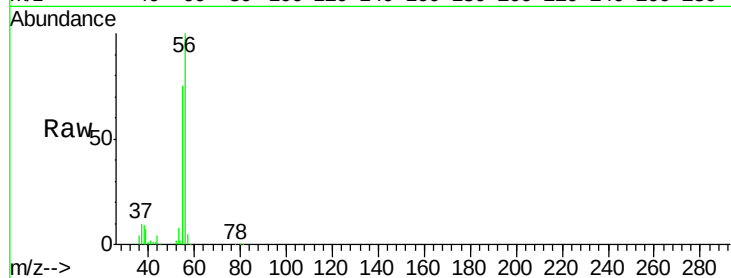
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 73425

Ion Ratio Lower Upper

56 100

55 73.7 58.4 87.6



#14

Allyl chloride

Concen: 39.186 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

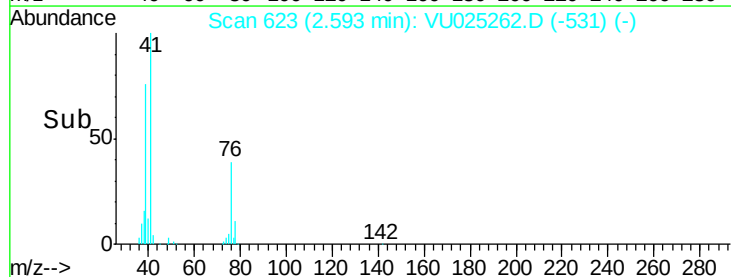
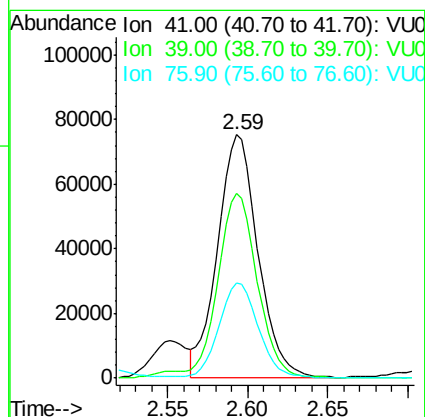
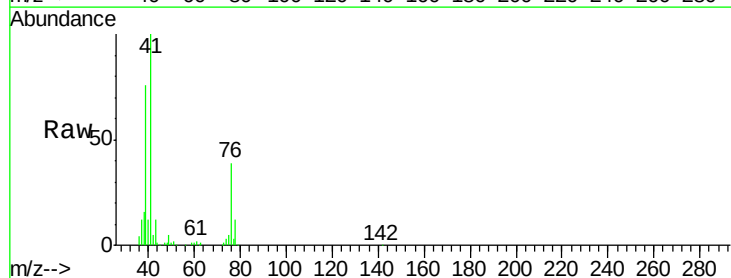
Tgt Ion: 41 Resp: 131023

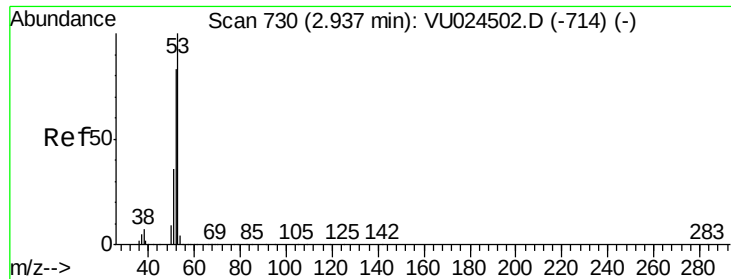
Ion Ratio Lower Upper

41 100

39 73.2 61.6 92.4

76 38.2 29.7 44.5





#15

Acrylonitrile

Concen: 231.871 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

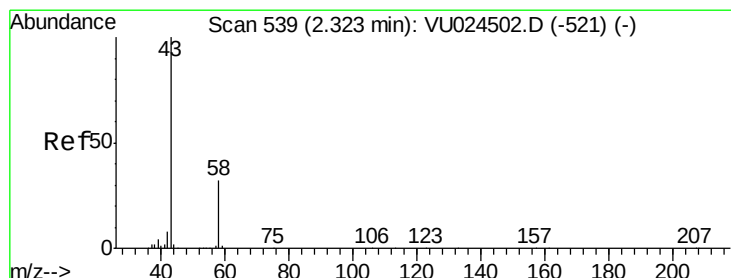
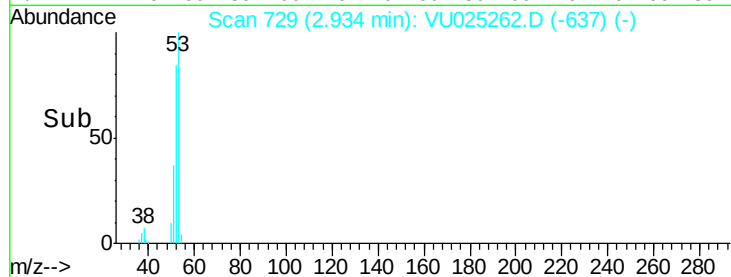
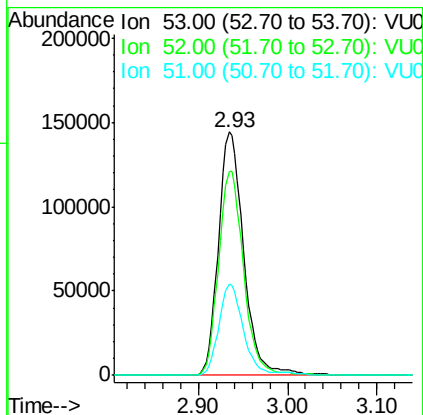
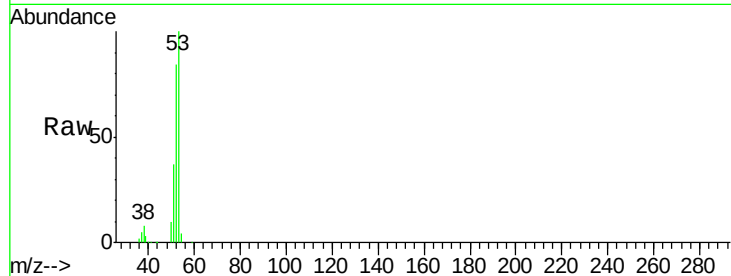
Tot Ion: 53 Resp: 283279

Ion Ratio Lower Upper

53 100

52 83.3 67.1 100.7

51 35.9 28.4 42.6



#16

Acetone

Concen: 200.486 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025262.D

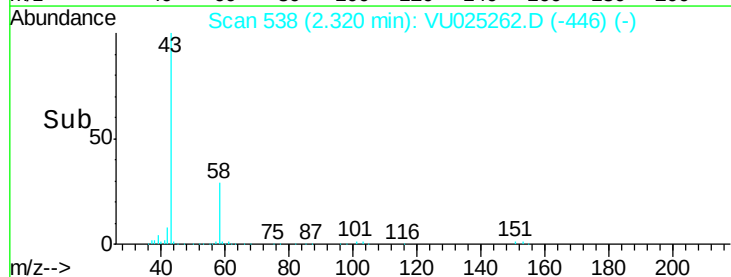
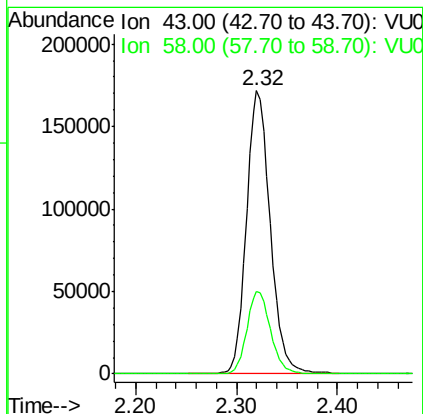
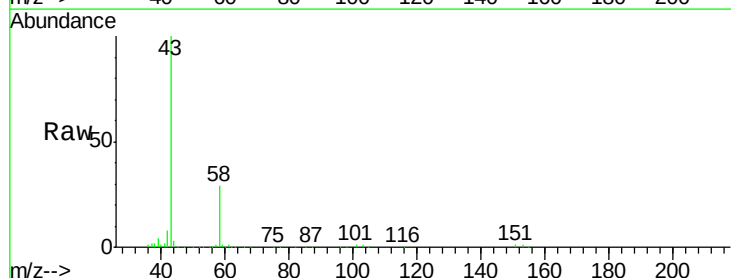
Acq: 07 Jul 2018 00:09

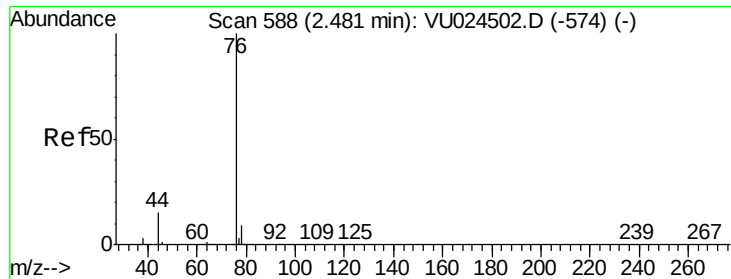
Tgt Ion: 43 Resp: 278119

Ion Ratio Lower Upper

43 100

58 29.0 24.4 36.6





#17

Carbon Disulfide

Concen: 34.652 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

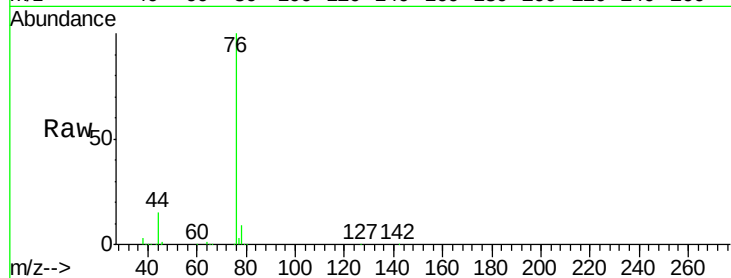
ClientSampled :

Tot Ion: 76 Resp: 199809

Ion Ratio Lower Upper

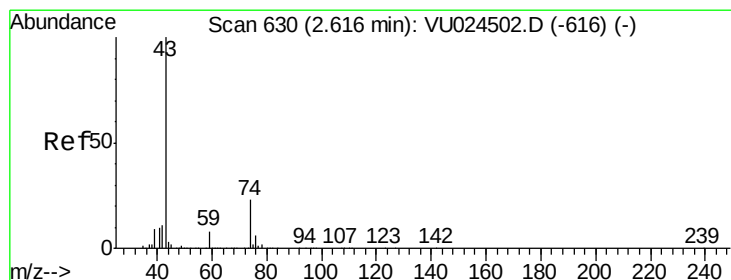
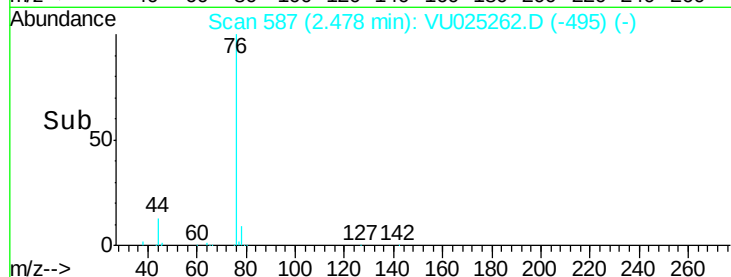
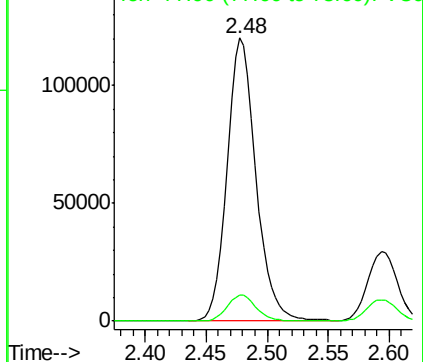
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 46.411 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025262.D

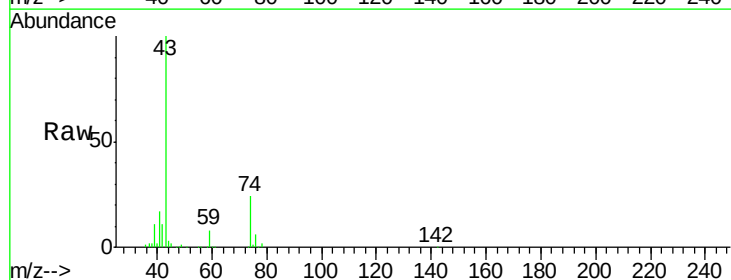
Acq: 07 Jul 2018 00:09

Tgt Ion: 43 Resp: 138022

Ion Ratio Lower Upper

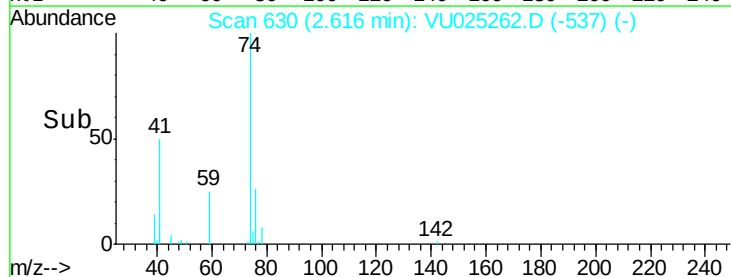
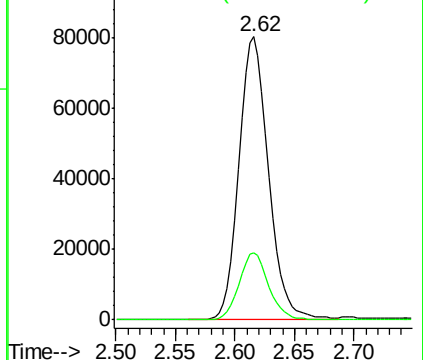
43 100

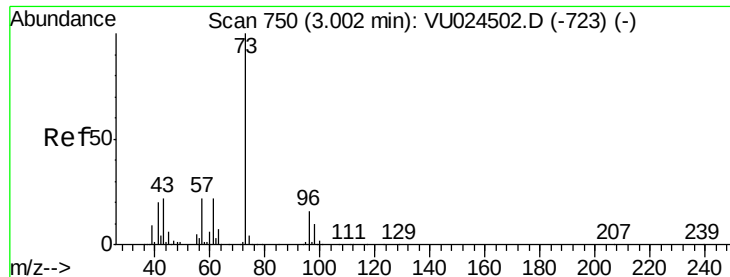
74 23.8 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



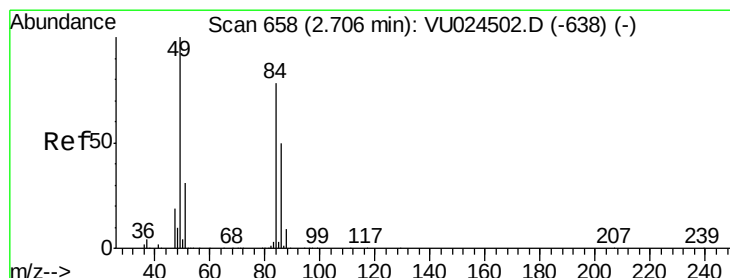
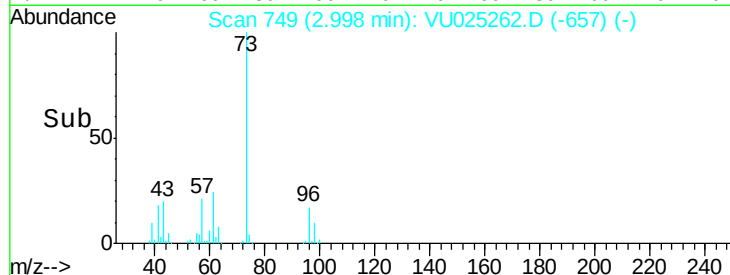
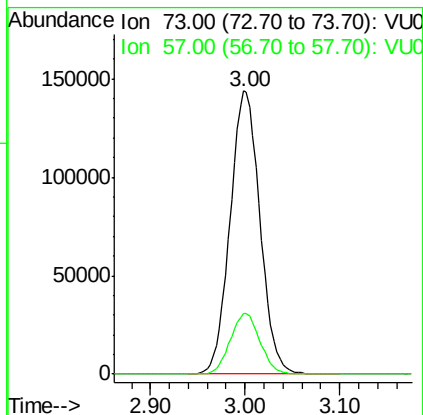
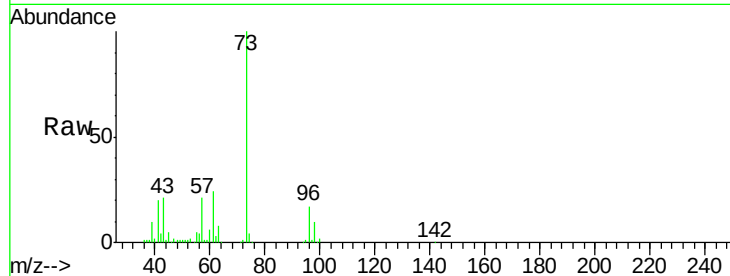


#19

Methyl tert-butyl Ether
 Concen: 46.575 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Instrument :
 MSVOA_U
 ClientSampleId :

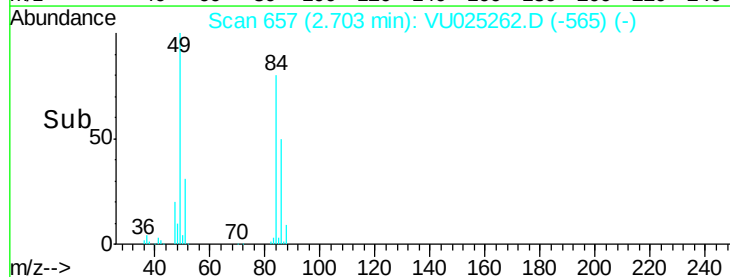
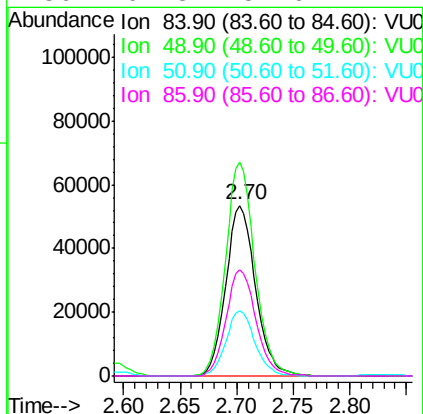
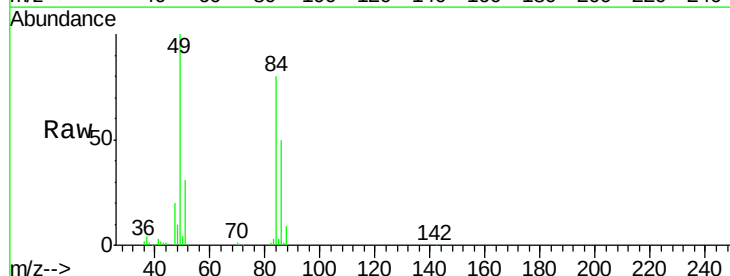
Tot Ion: 73 Resp: 315272
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.8 28.2

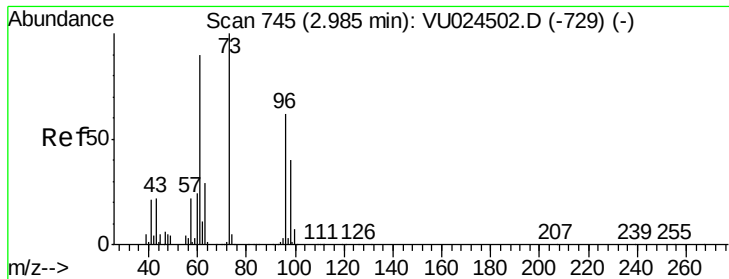


#20

Methylene Chloride
 Concen: 44.910 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Tgt Ion: 84 Resp: 97754
 Ion Ratio Lower Upper
 84 100
 49 125.1 103.8 155.8
 51 38.2 32.0 48.0
 86 62.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 43.445 ug/l

RT: 2.99 min Scan# 745

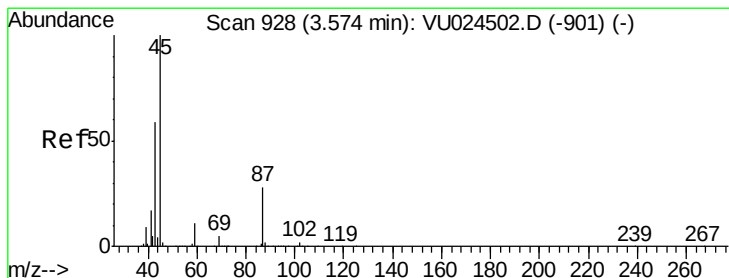
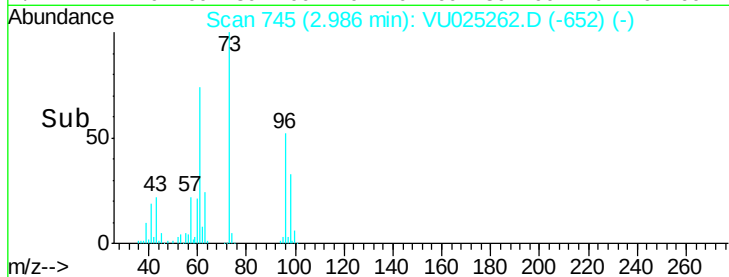
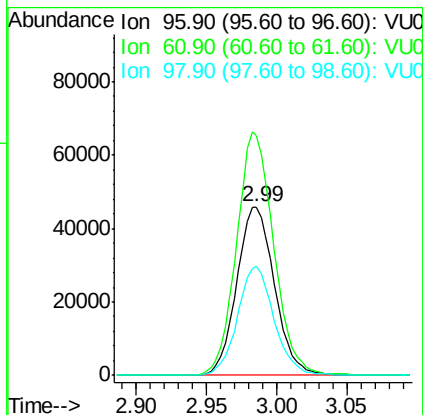
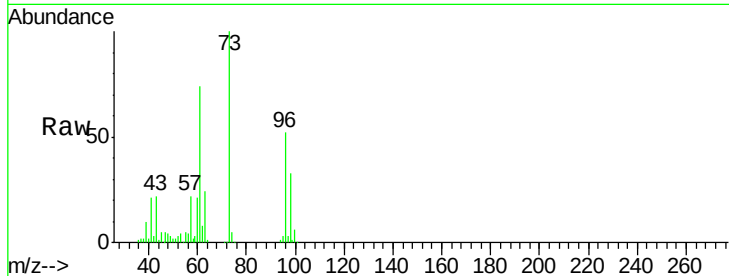
Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 86167
Ion Ratio Lower Upper
96 100
61 142.0 119.4 179.0
98 64.5 51.1 76.7



#22

Diisopropyl ether

Concen: 45.152 ug/l

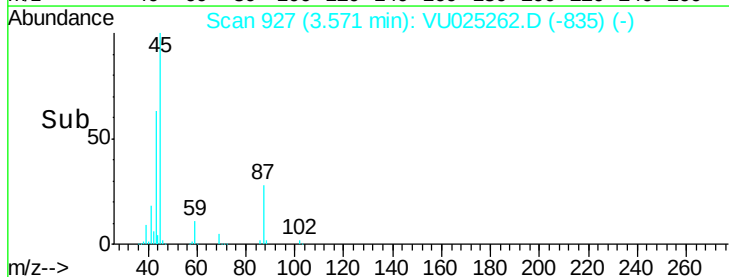
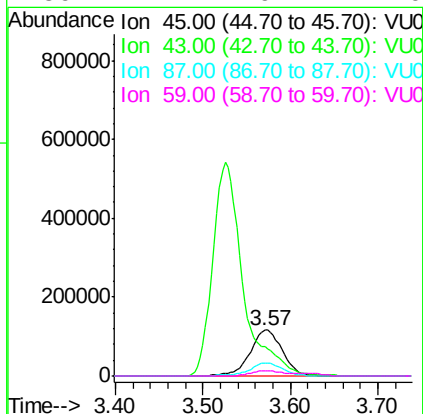
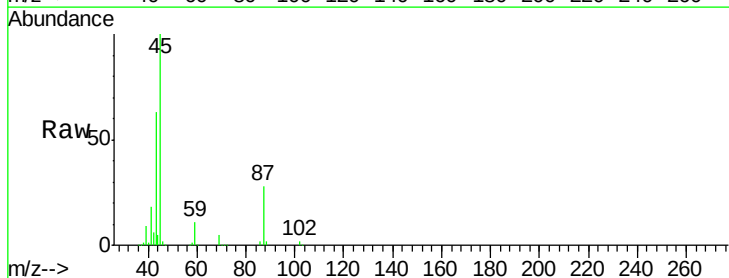
RT: 3.57 min Scan# 927

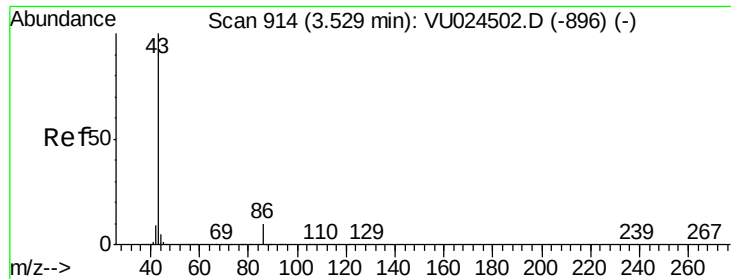
Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Tgt Ion: 45 Resp: 299274
Ion Ratio Lower Upper
45 100
43 61.7 45.8 68.6
87 27.7 20.6 31.0
59 11.2 9.4 14.0





#23

Vinyl Acetate

Concen: 220.011 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

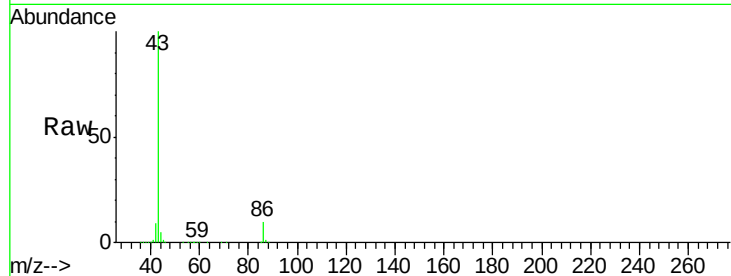
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1306299

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

600000

500000

400000

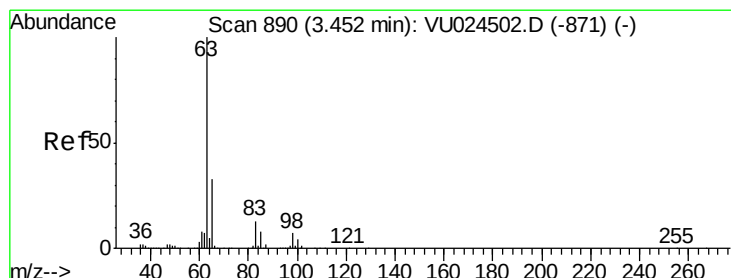
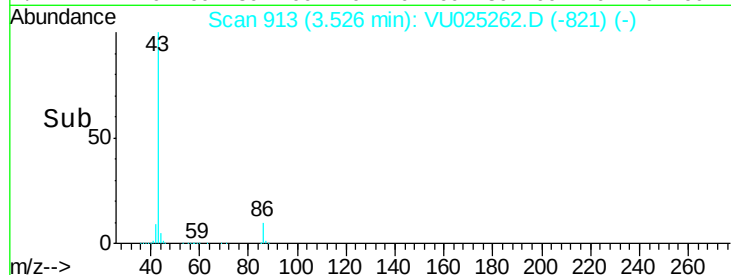
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.933 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

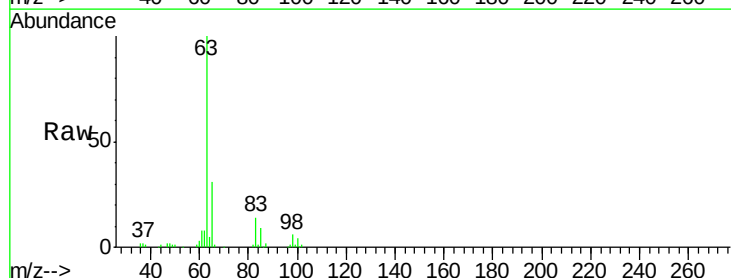
Tgt Ion: 63 Resp: 171328

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 4.1 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

100000

80000

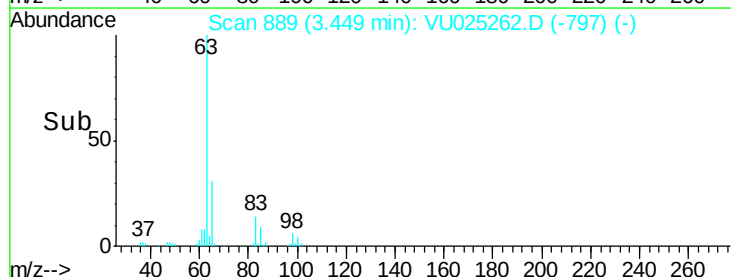
60000

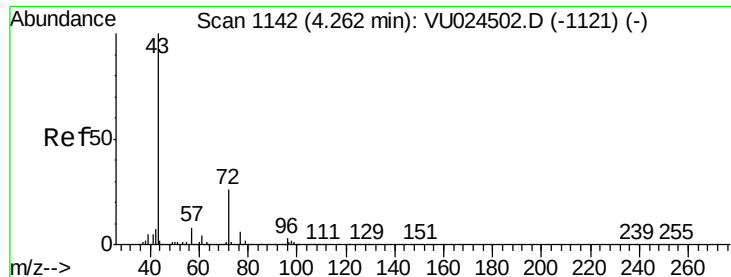
40000

20000

0

Time-->





#25

2-Butanone

Concen: 222.874 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

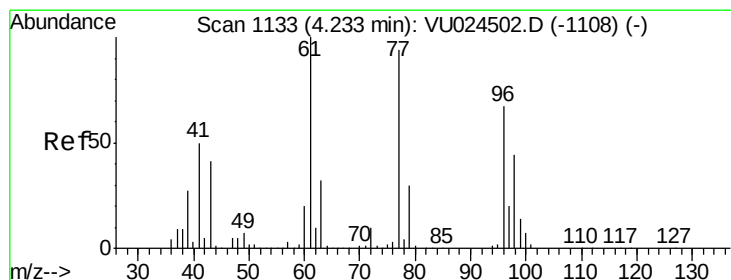
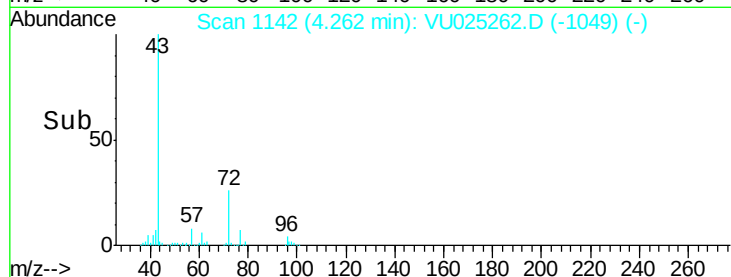
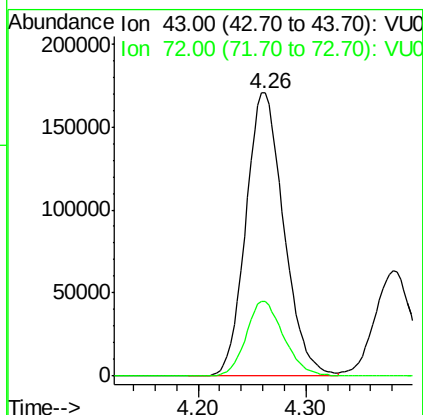
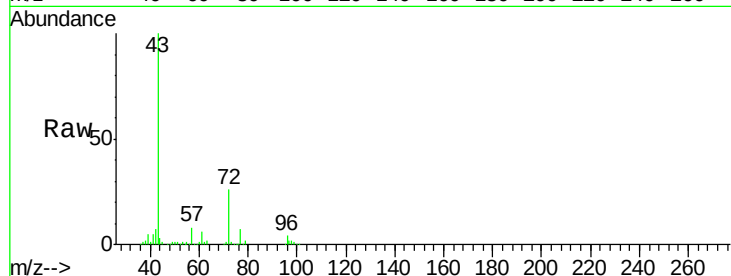
ClientSampleId :

Tot Ion: 43 Resp: 415294

Ion Ratio Lower Upper

43 100

72 26.3 19.6 29.4



#26

2,2-Dichloropropane

Concen: 35.019 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025262.D

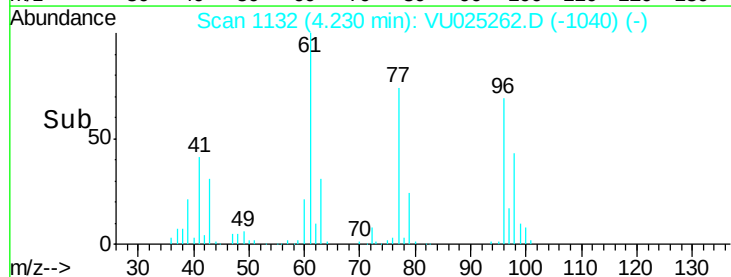
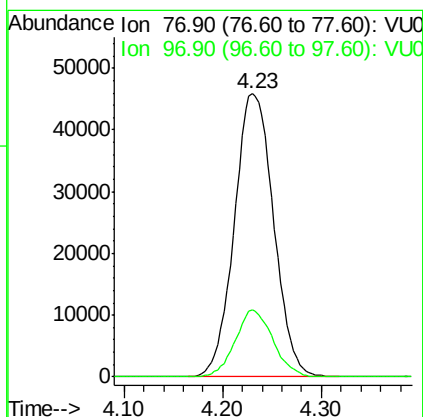
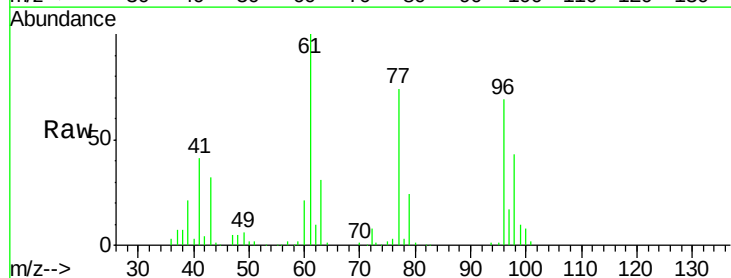
Acq: 07 Jul 2018 00:09

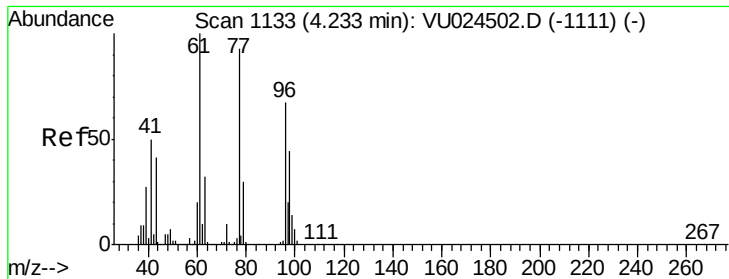
Tgt Ion: 77 Resp: 126789

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 45.033 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampleId :

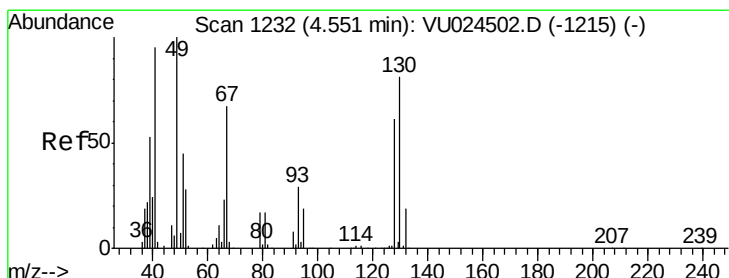
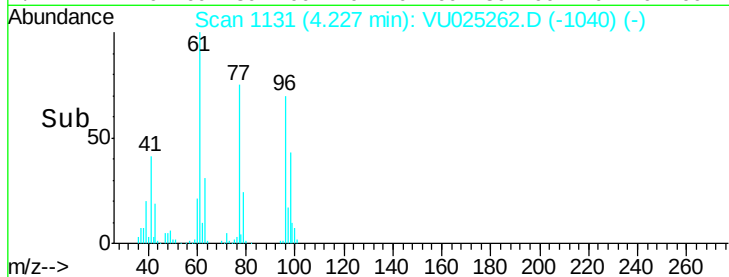
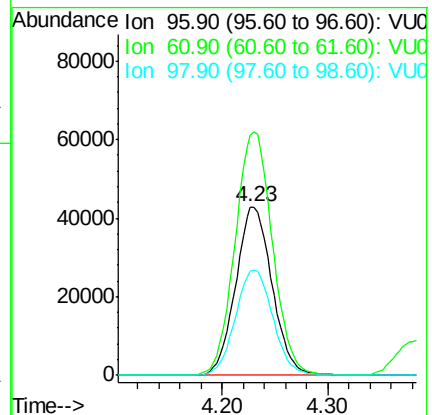
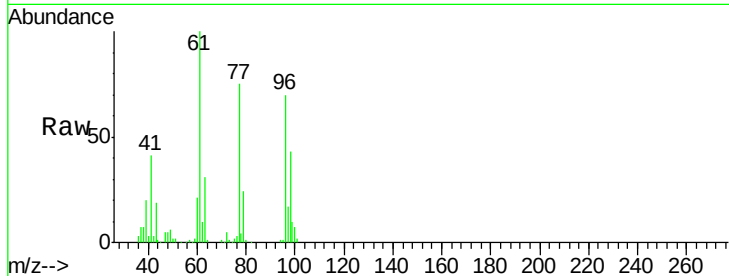
Tot Ion: 96 Resp: 102685

Ion Ratio Lower Upper

96 100

61 148.6 0.0 306.6

98 64.5 0.0 128.8



#28

Bromochloromethane

Concen: 48.407 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

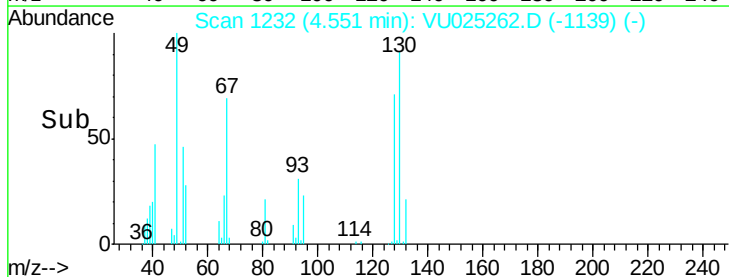
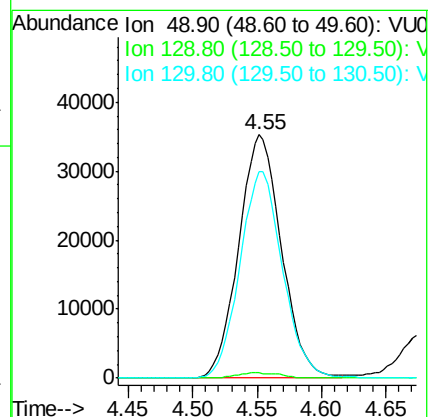
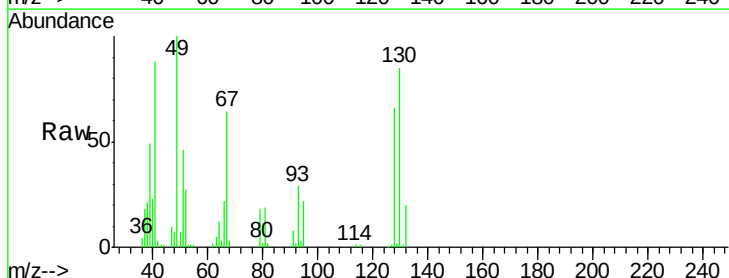
Tgt Ion: 49 Resp: 81298

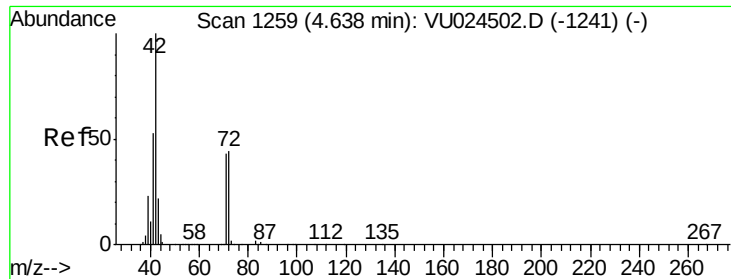
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 84.9 57.8 86.6





#29

Tetrahydrofuran

Concen: 224.547 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampled :

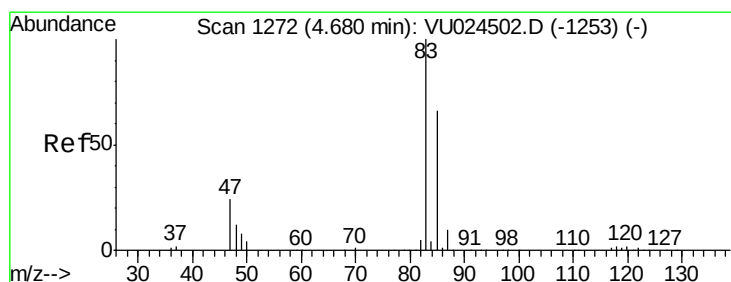
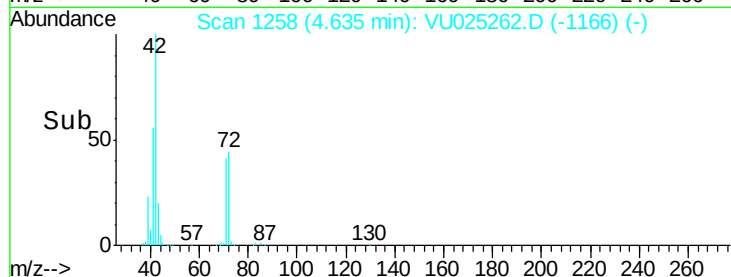
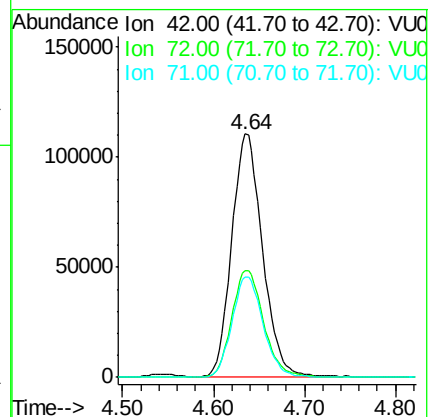
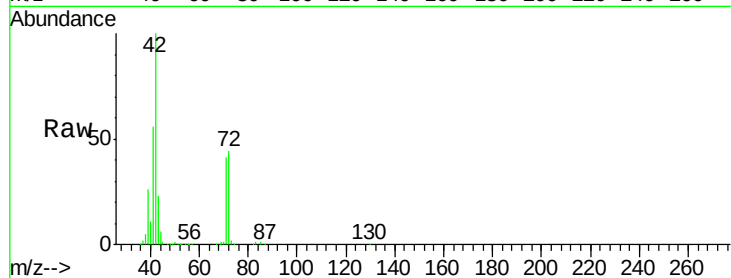
Tot Ion: 42 Resp: 259108

Ion Ratio Lower Upper

42 100

72 45.6 34.5 51.7

71 41.9 32.2 48.4



#30

Chloroform

Concen: 46.670 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025262.D

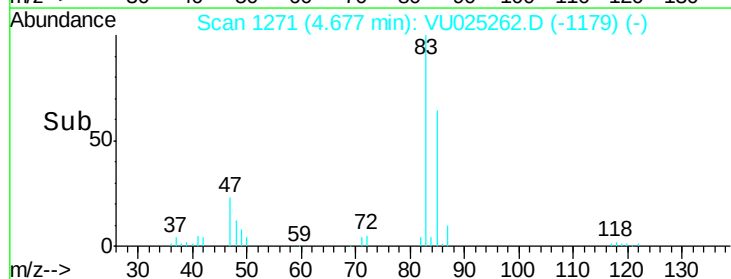
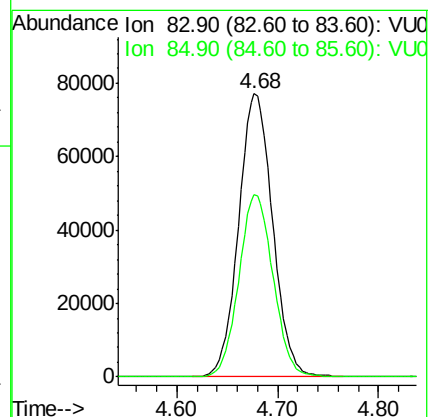
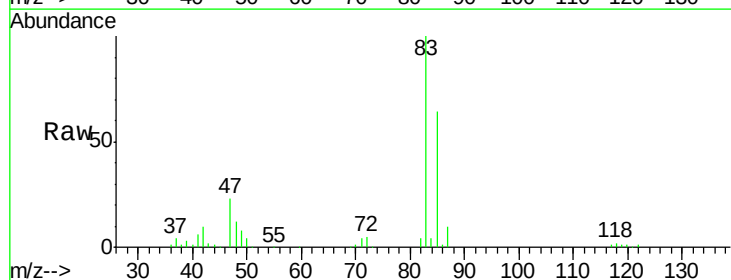
Acq: 07 Jul 2018 00:09

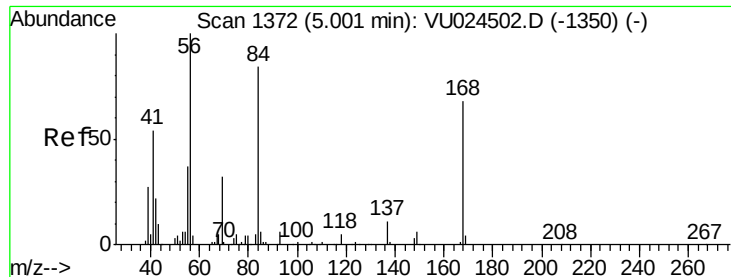
Tgt Ion: 83 Resp: 180117

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

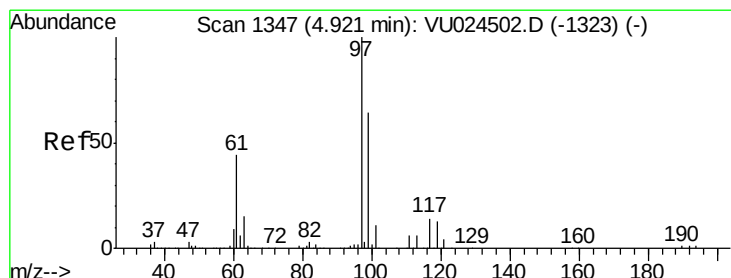
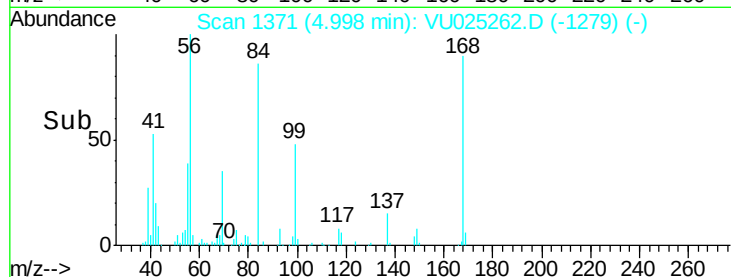
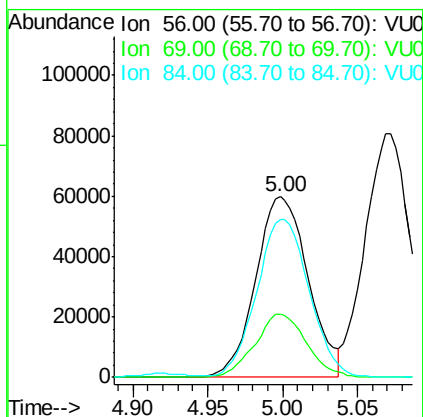
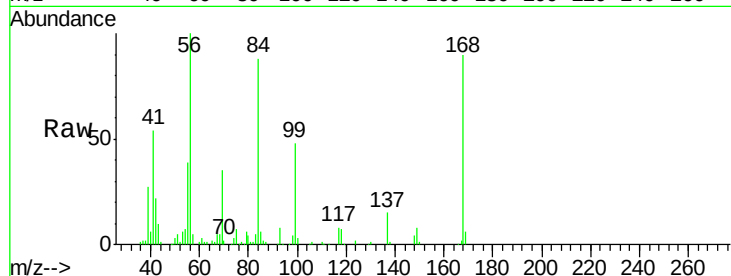




#31
Cyclohexane
Concen: 42.813 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

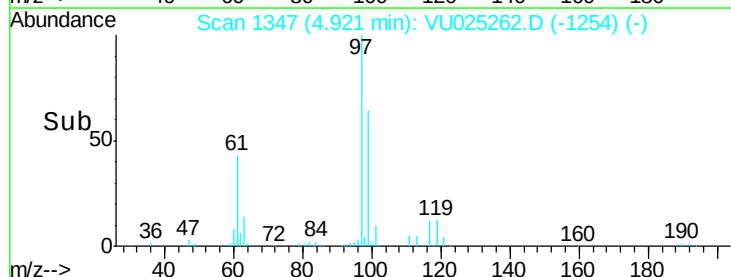
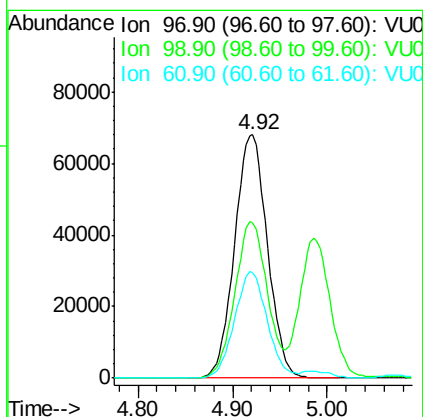
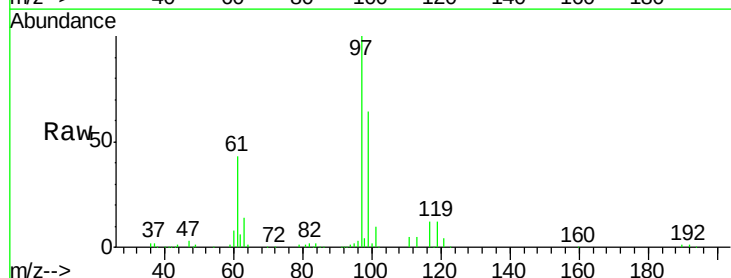
Instrument :
MSVOA_U
ClientSampleId :

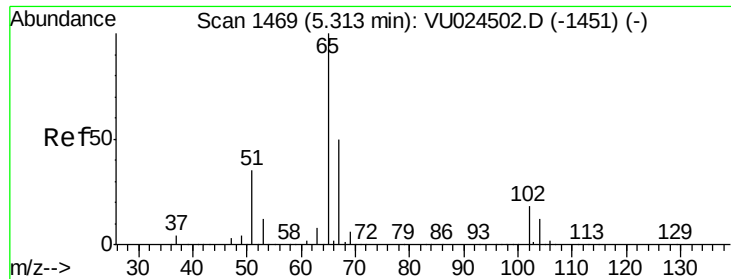
Tot Ion: 56 Resp: 145929
Ion Ratio Lower Upper
56 100
69 35.2 24.8 37.2
84 86.6 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 45.982 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 97 Resp: 164101
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 43.8 39.4 59.0

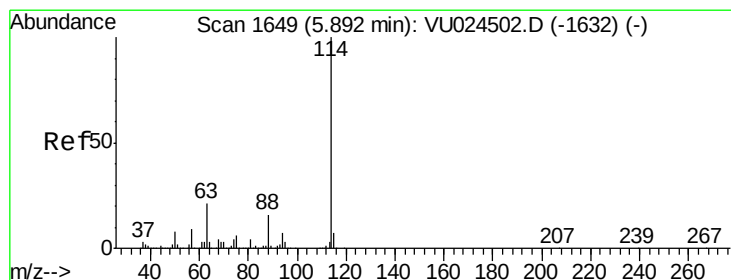
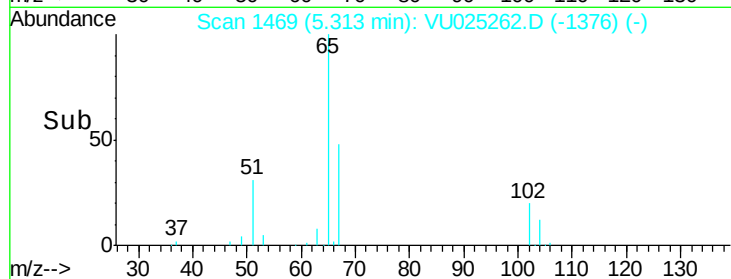
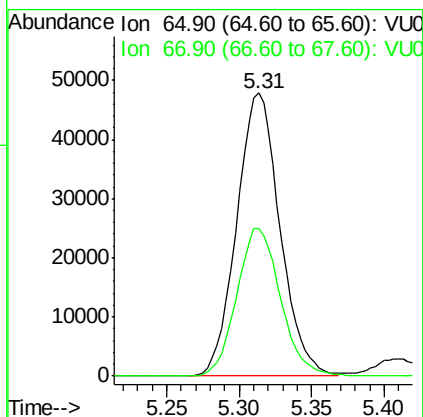
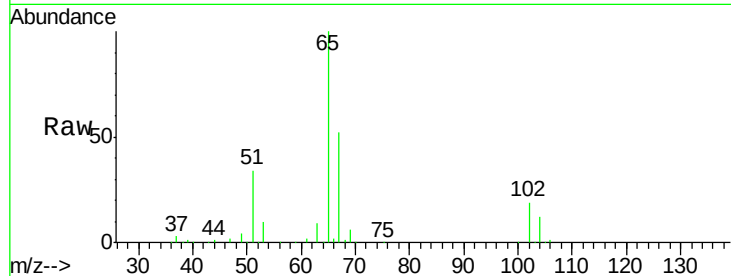




#33
 1,2-Dichloroethane-d4
 Concen: 38.463 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

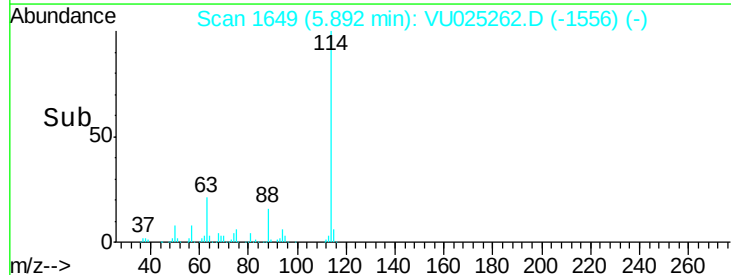
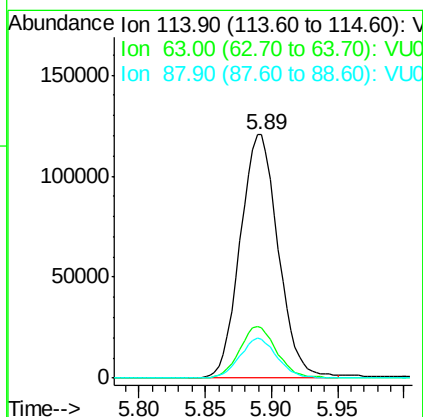
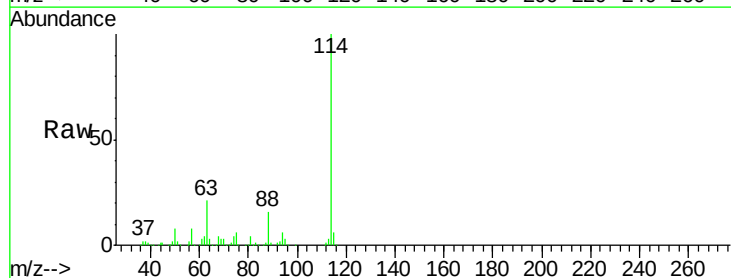
Instrument :
 MSVOA_U
 ClientSampleId :

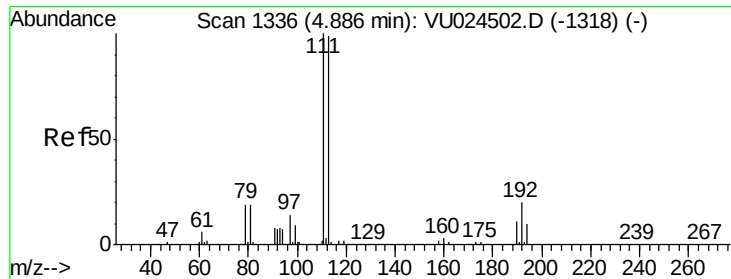
Tot Ion: 65 Resp: 99305
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Tgt Ion: 114 Resp: 241001
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 41.113 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

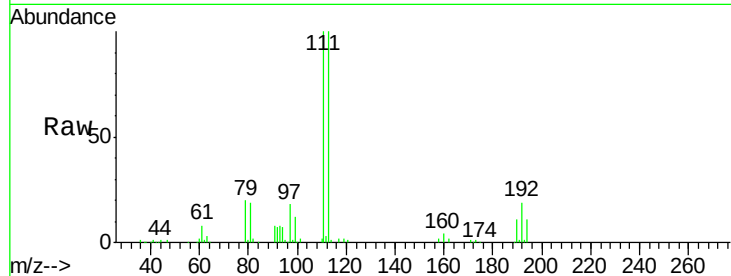
Tot Ion:113 Resp: 82232

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

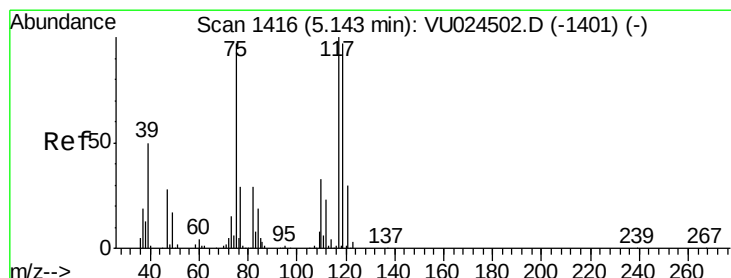
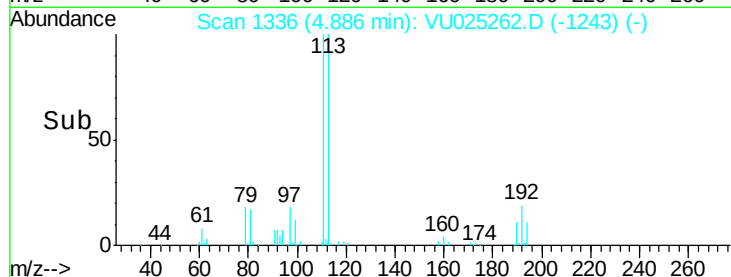
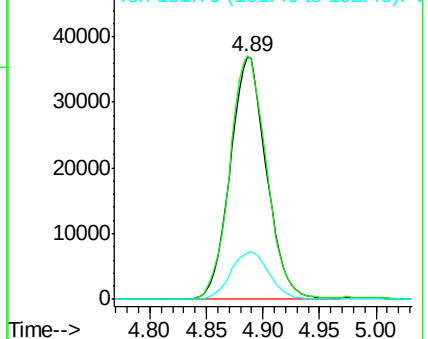
192 20.6 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.114 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

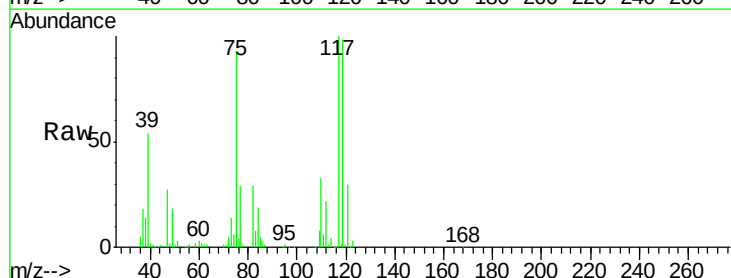
Tgt Ion: 75 Resp: 122097

Ion Ratio Lower Upper

75 100

110 36.3 17.0 50.9

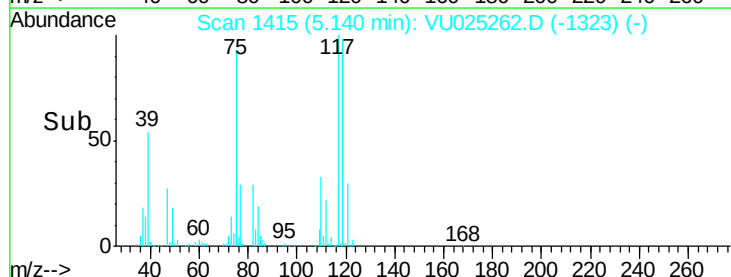
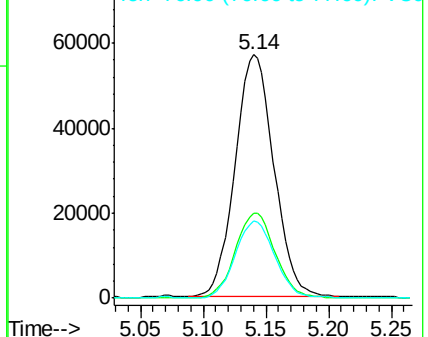
77 32.5 24.2 36.4

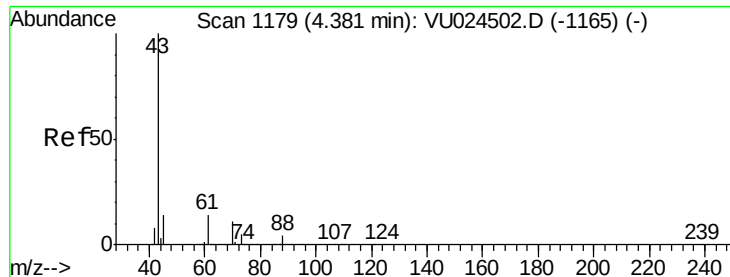


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

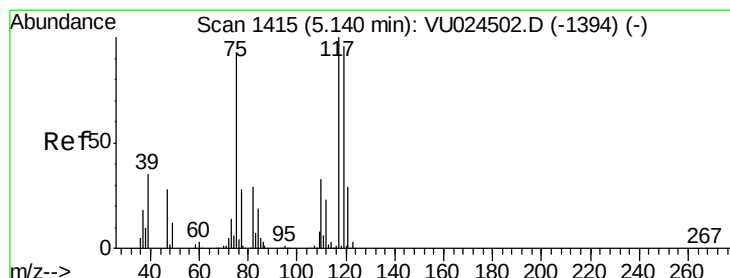
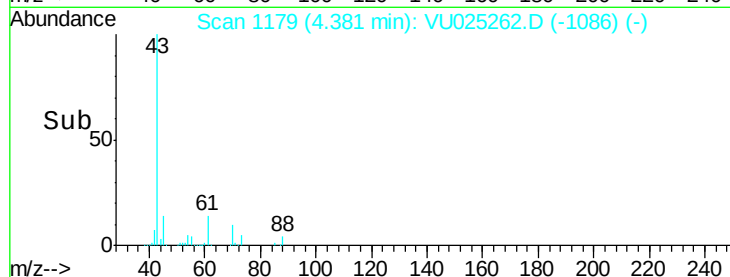
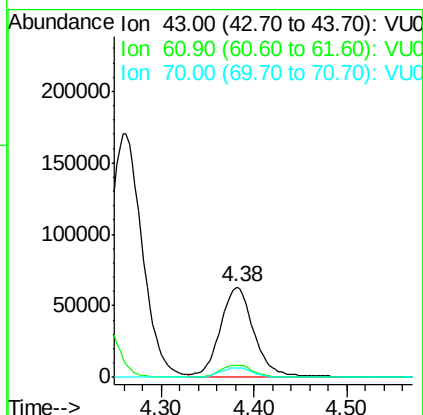
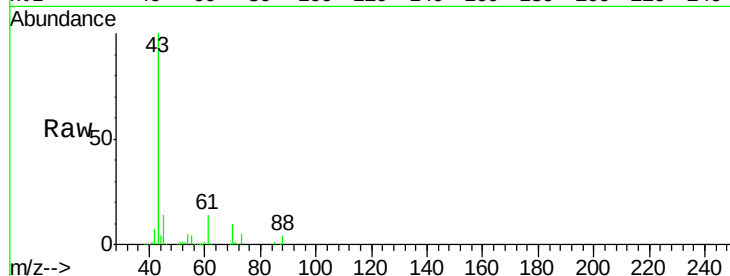




#37
Ethyl Acetate
Concen: 50.447 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

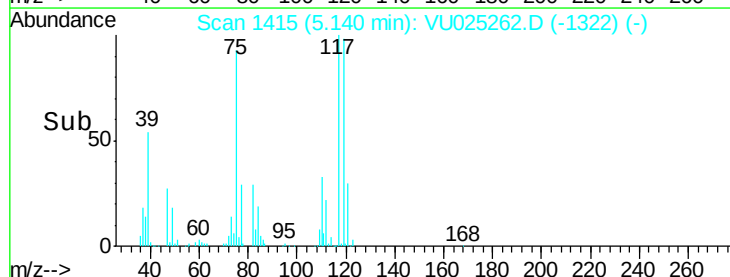
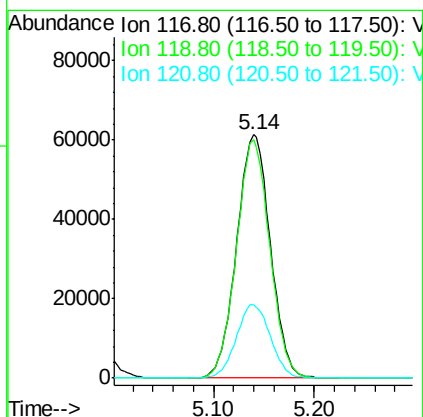
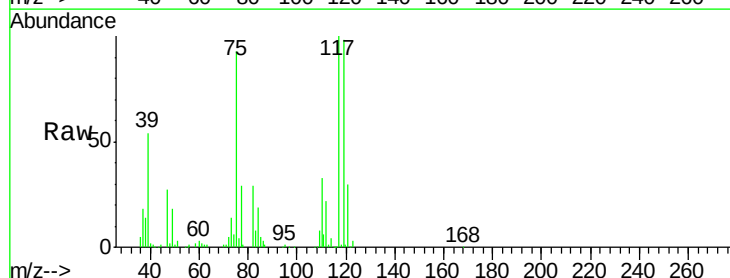
Instrument :
MSVOA_U
ClientSampleId :

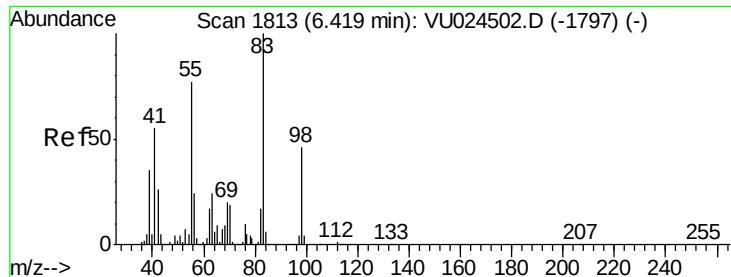
Tot Ion: 43 Resp: 155712
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 10.3 7.4 11.2



#38
Carbon Tetrachloride
Concen: 45.653 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 117 Resp: 142172
Ion Ratio Lower Upper
117 100
119 98.1 76.1 114.1
121 30.0 23.7 35.5

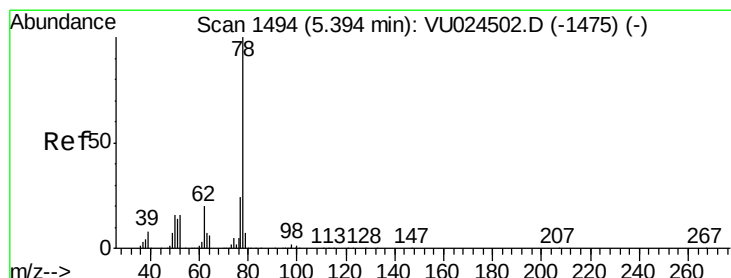
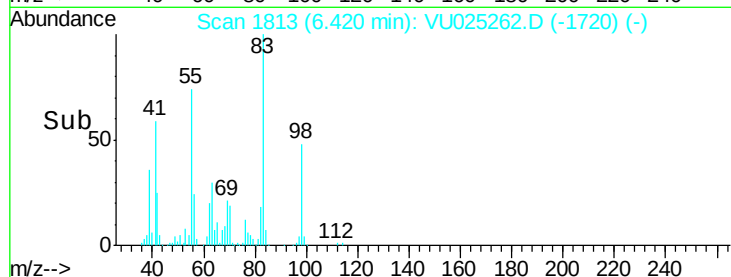
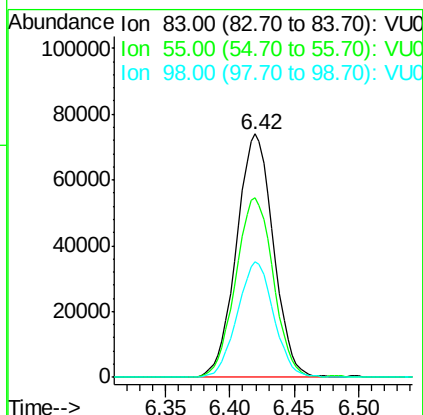
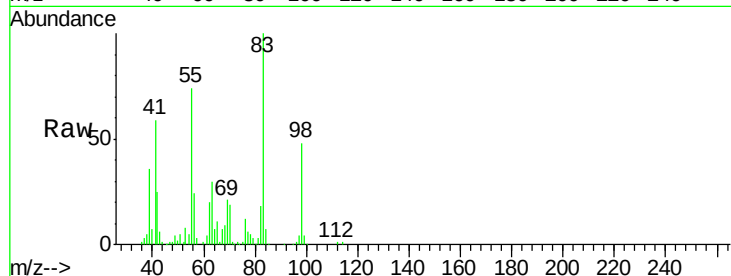




#39
Methylvlcyclohexane
Concen: 41.708 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

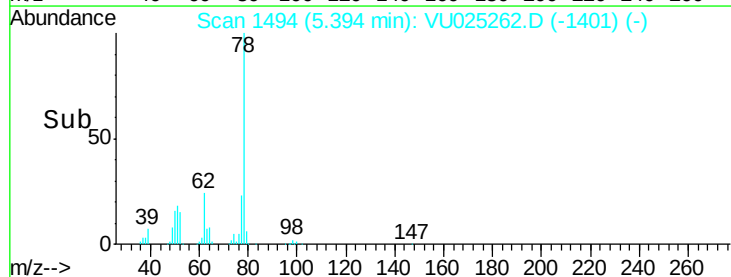
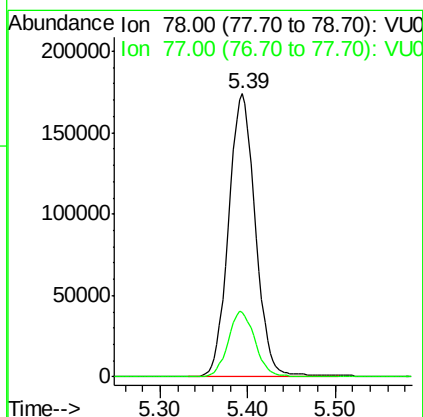
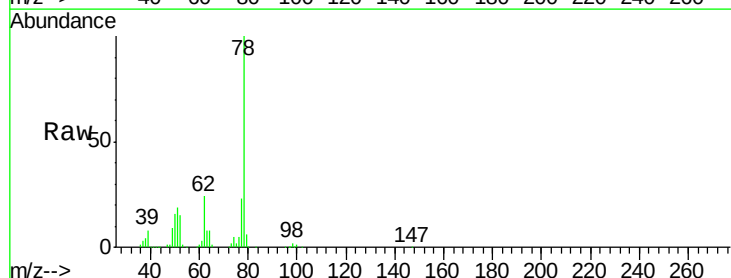
Instrument :
MSVOA_U
ClientSampleId :

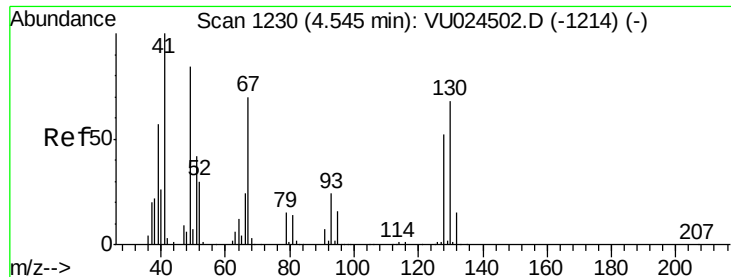
Tot Ion: 83 Resp: 147398
Ion Ratio Lower Upper
83 100
55 73.9 65.8 98.6
98 47.6 36.7 55.1



#40
Benzene
Concen: 45.959 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 78 Resp: 370868
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8





#41

Methacrylonitrile

Concen: 50.613 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 84229

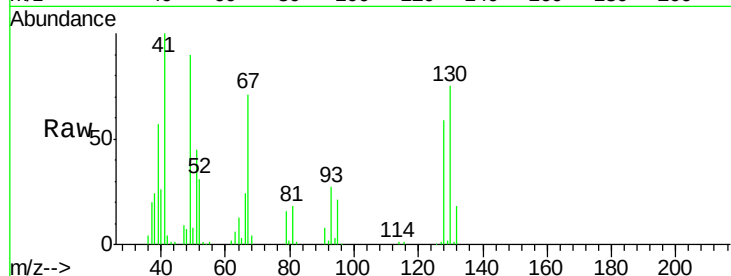
Ion Ratio Lower Upper

41 100

39 55.1 43.8 65.6

67 69.9 56.3 84.5

52 30.7 23.2 34.8

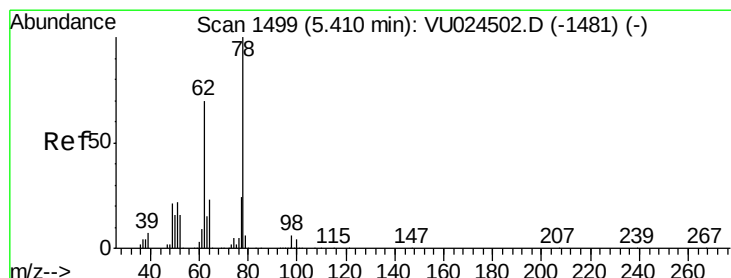
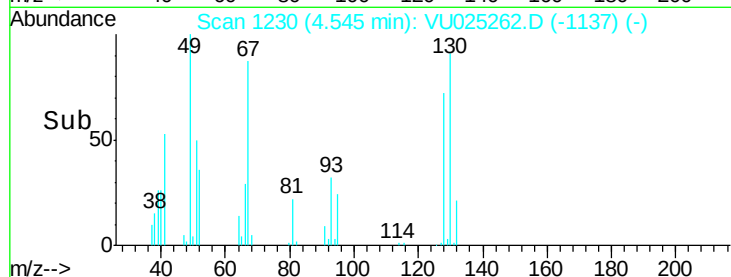
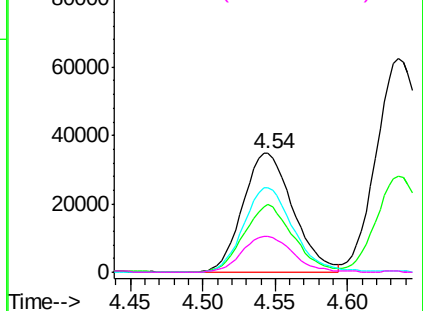


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 49.406 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU025262.D

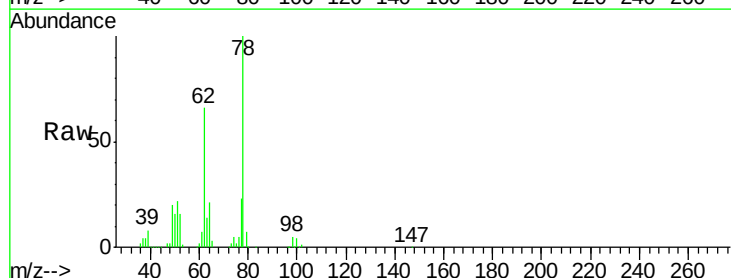
Acq: 07 Jul 2018 00:09

Tgt Ion: 62 Resp: 151844

Ion Ratio Lower Upper

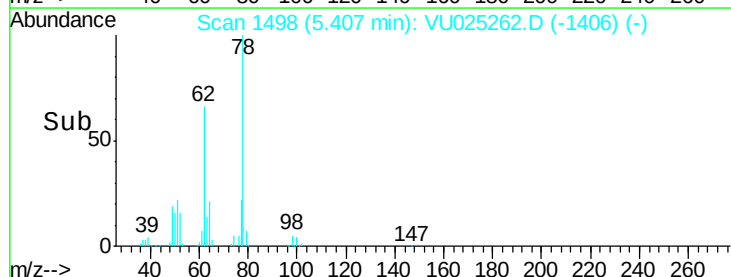
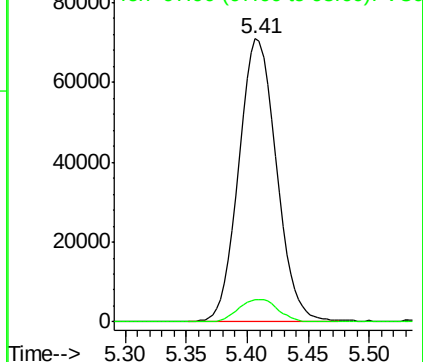
62 100

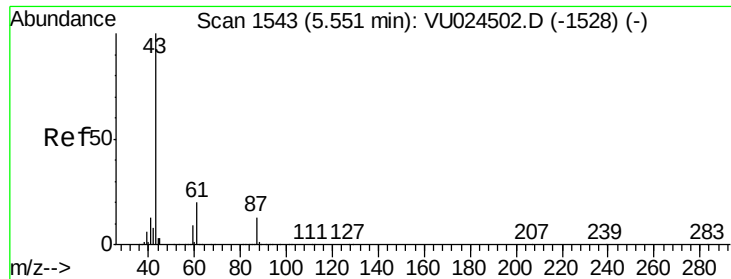
98 8.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 44.705 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampled :

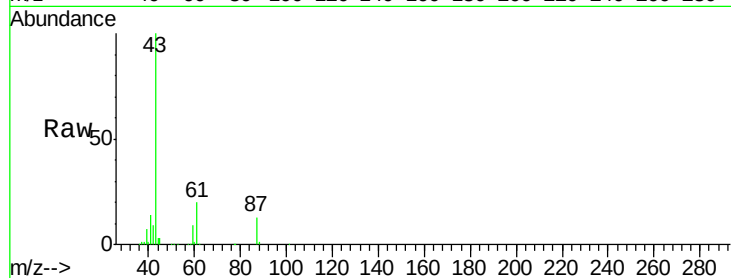
Tot Ion: 43 Resp: 238520

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

87 13.2 10.0 15.0



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

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

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

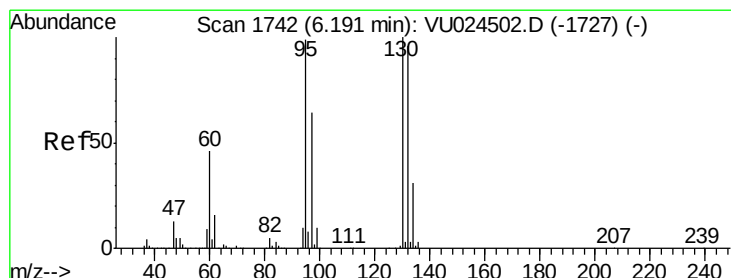
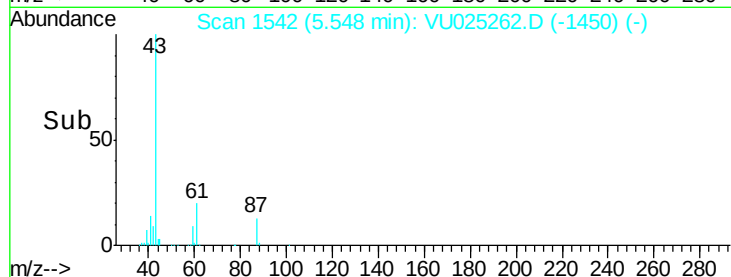
5.55

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 45.137 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025262.D

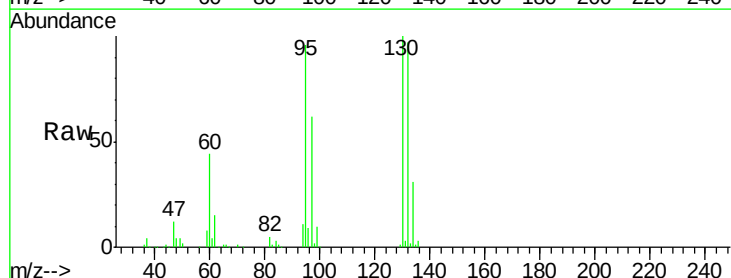
Acq: 07 Jul 2018 00:09

Tgt Ion:130 Resp: 103660

Ion Ratio Lower Upper

130 100

95 95.6 0.0 202.4



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

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

6.19

60000

50000

40000

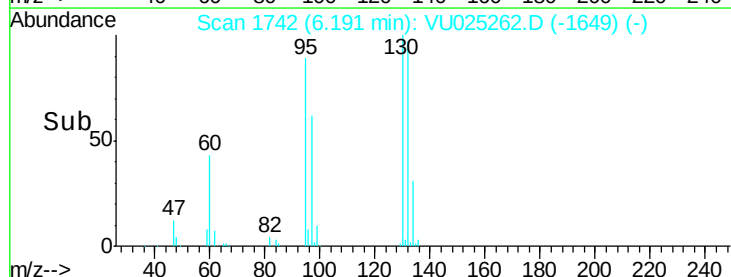
30000

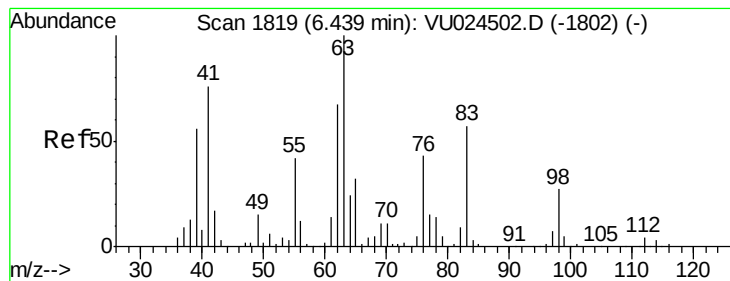
20000

10000

0

Time-->





#45

1,2-Dichloropropane

Concen: 46.726 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

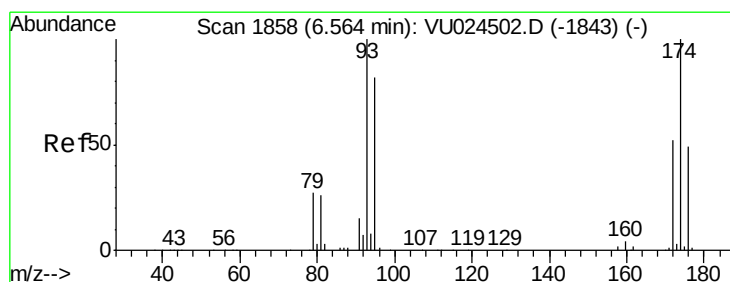
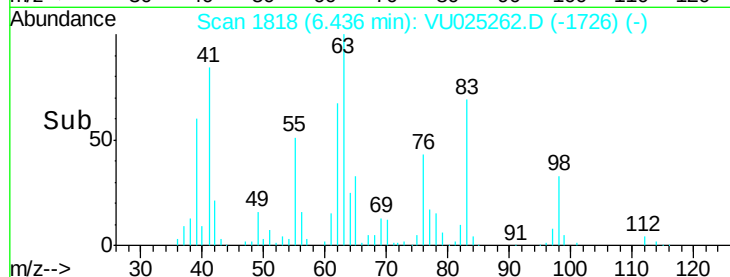
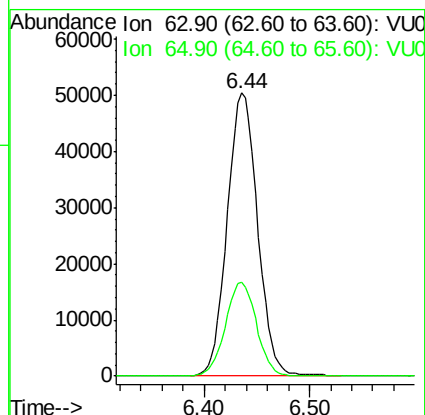
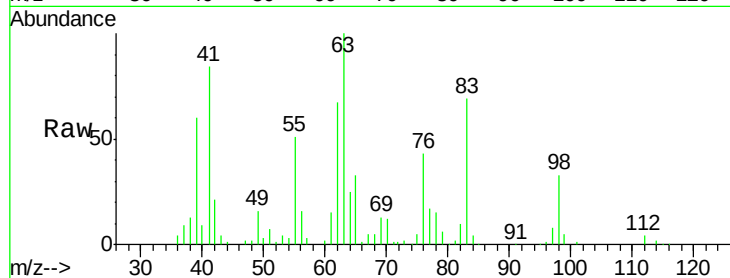
ClientSampleId :

Tot Ion: 63 Resp: 100608

Ion Ratio Lower Upper

63 100

65 33.0 24.8 37.2



#46

Dibromomethane

Concen: 46.784 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

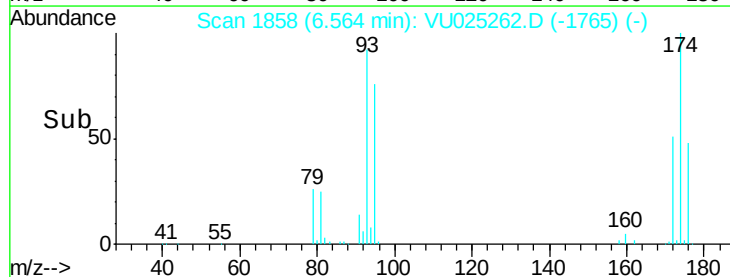
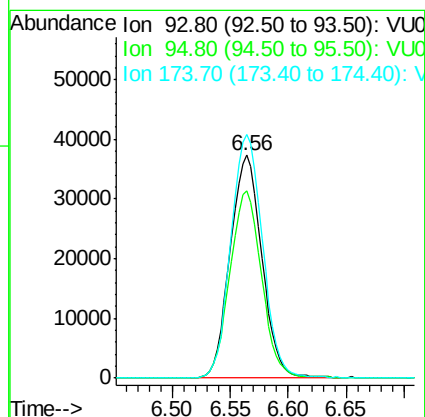
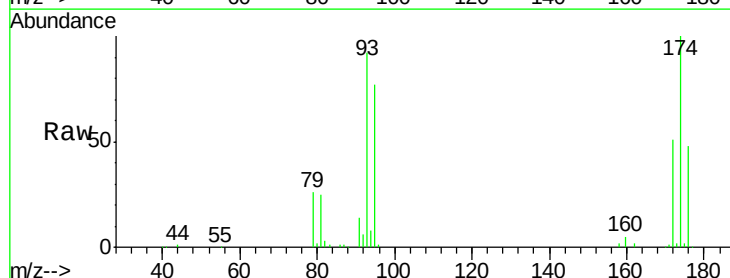
Tgt Ion: 93 Resp: 70755

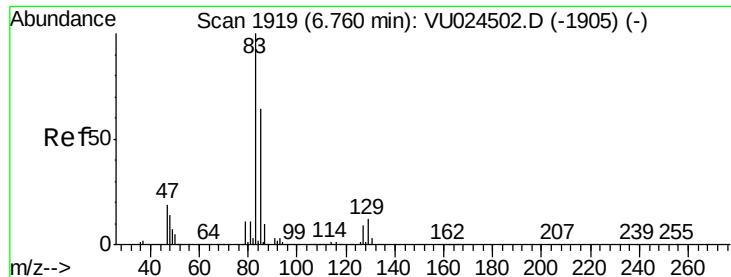
Ion Ratio Lower Upper

93 100

95 83.7 65.5 98.3

174 109.2 78.7 118.1





#47

Bromodichloromethane

Concen: 45.089 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

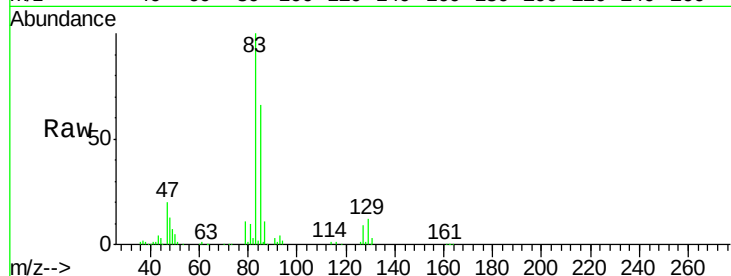
Tot Ion: 83 Resp: 135789

Ion Ratio Lower Upper

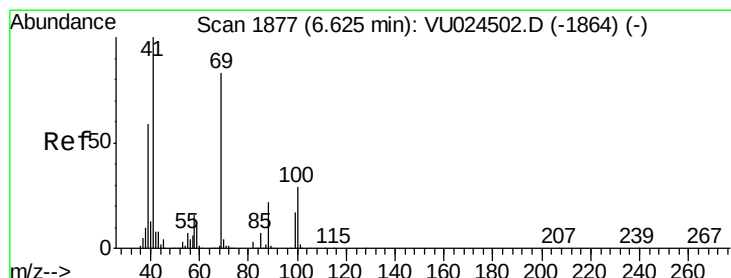
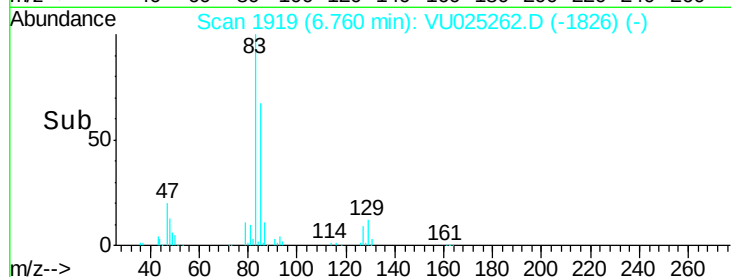
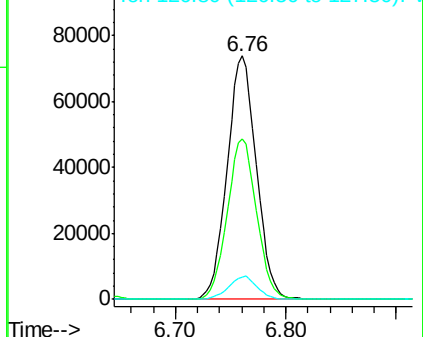
83 100

85 66.1 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: 46.458 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

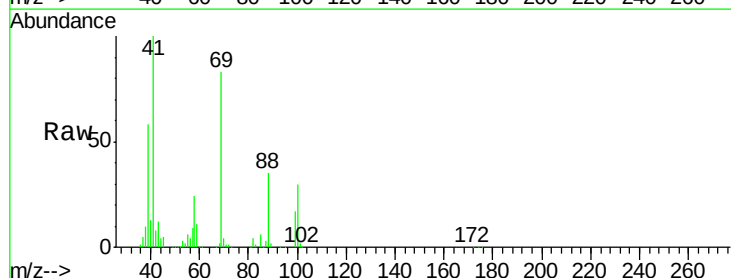
Tgt Ion: 41 Resp: 120699

Ion Ratio Lower Upper

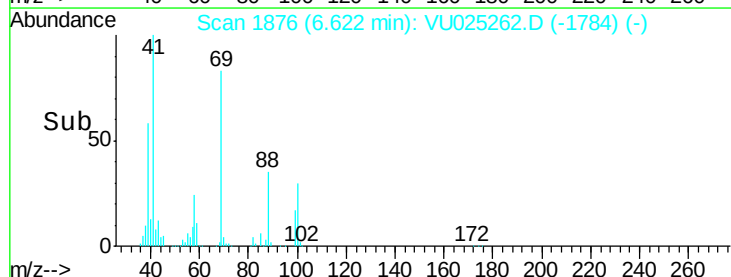
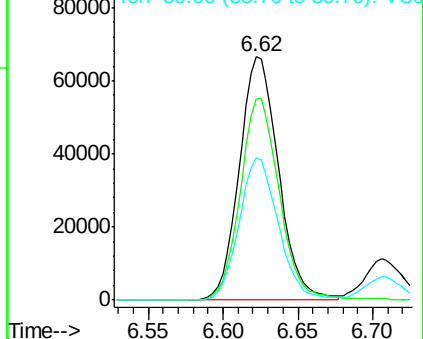
41 100

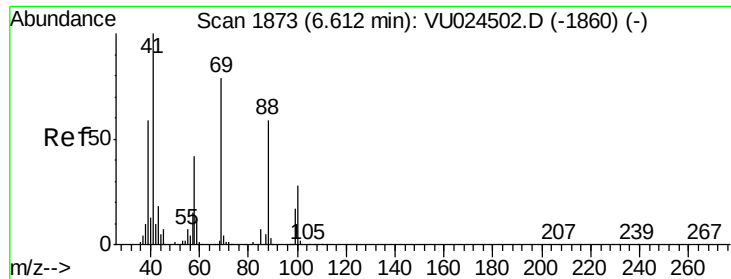
69 83.3 67.3 100.9

39 58.9 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

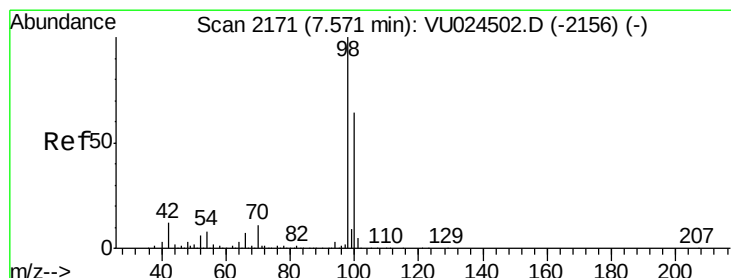
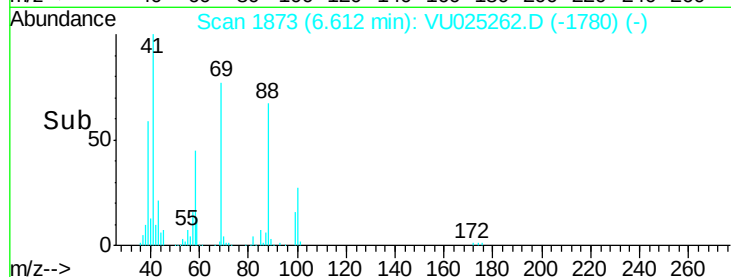
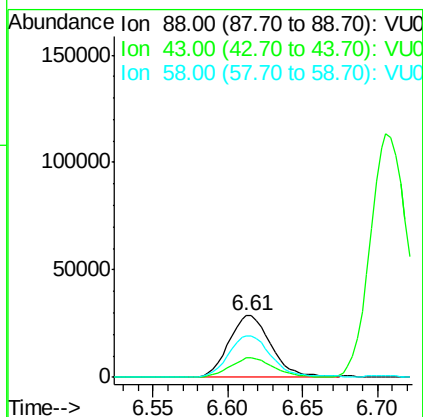
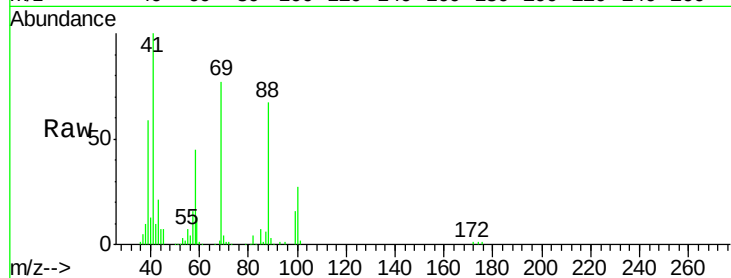




#49
1,4-Dioxane
Concen: 1099.076 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

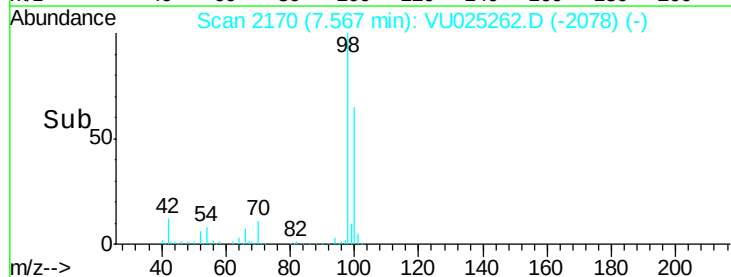
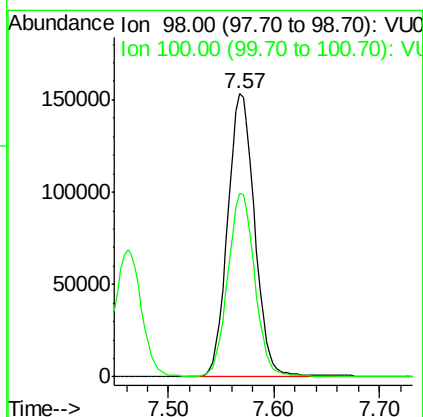
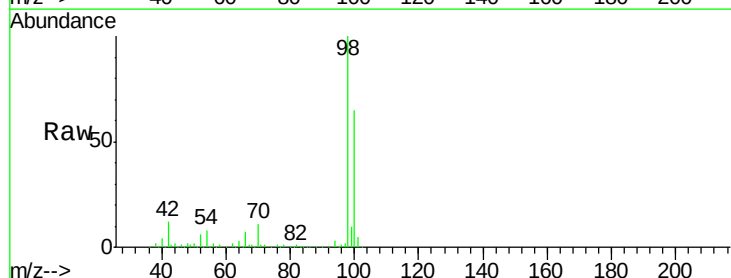
Instrument :
MSVOA_U
ClientSampled :

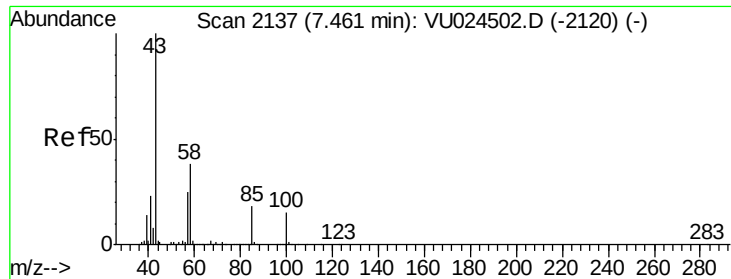
Tot Ion: 88 Resp: 55841
Ion Ratio Lower Upper
88 100
43 33.3 28.6 42.8
58 69.7 58.2 87.4



#50
Toluene-d8
Concen: 37.317 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 98 Resp: 272250
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7

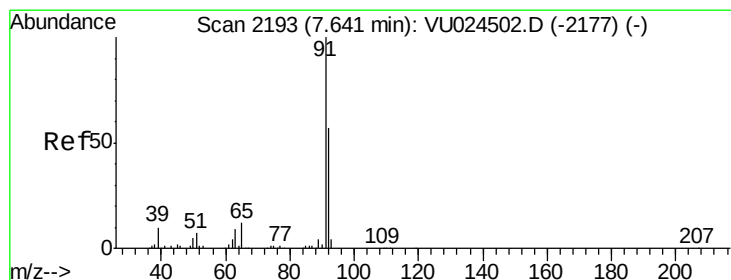
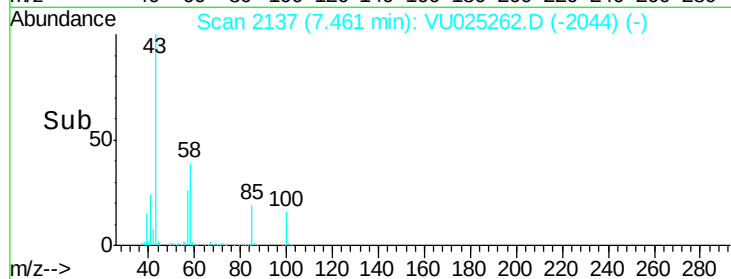
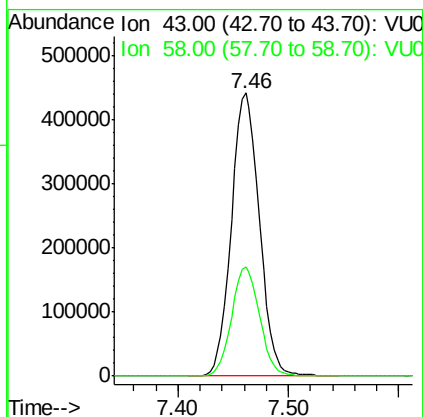
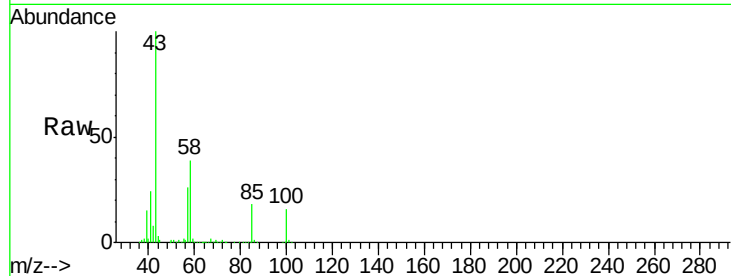




#51
 4-Methyl-2-Pentanone
 Concen: 232.264 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

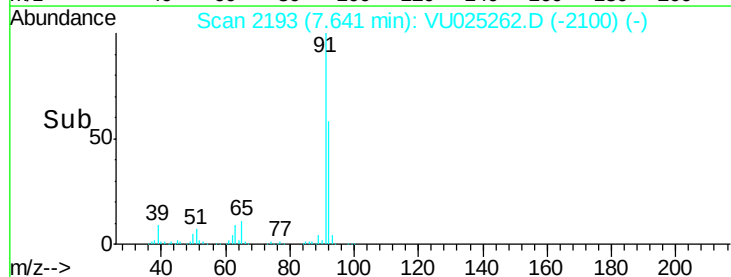
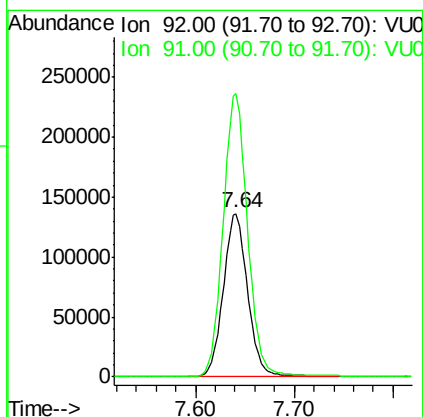
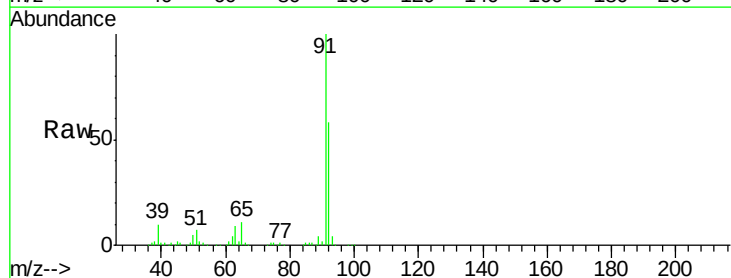
Instrument :
 MSVOA_U
 ClientSampled :

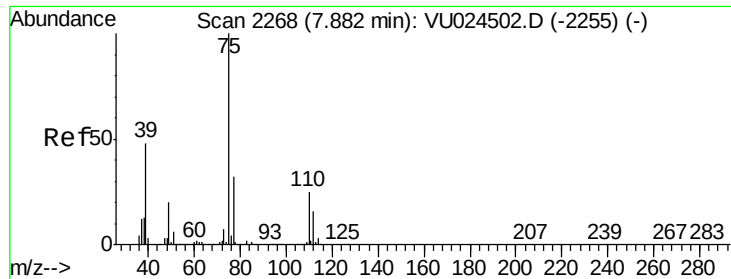
Tot Ion: 43 Resp: 778538
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.0 45.0



#52
 Toluene
 Concen: 45.716 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Tgt Ion: 92 Resp: 237338
 Ion Ratio Lower Upper
 92 100
 91 174.5 140.5 210.7

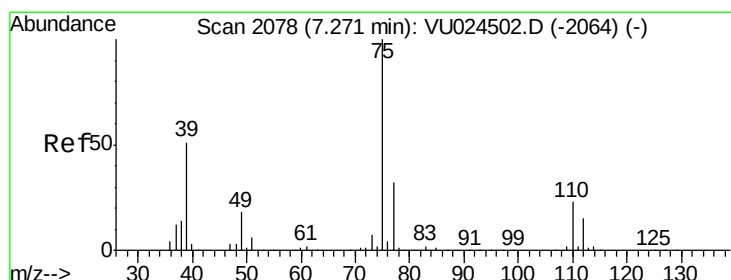
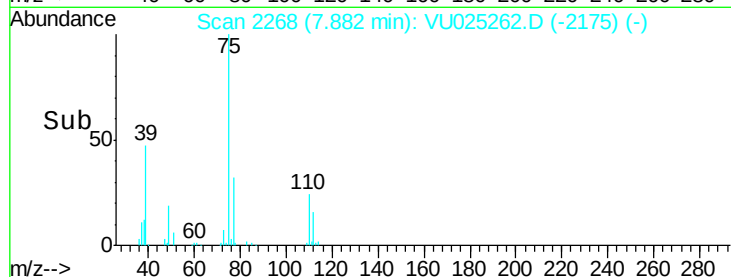
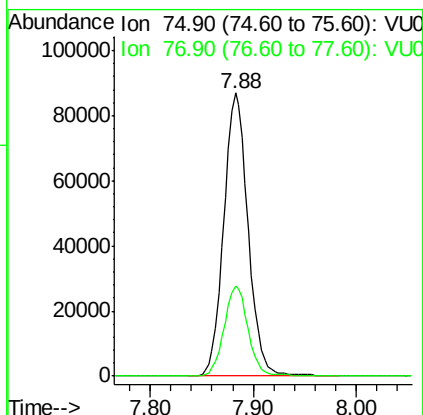
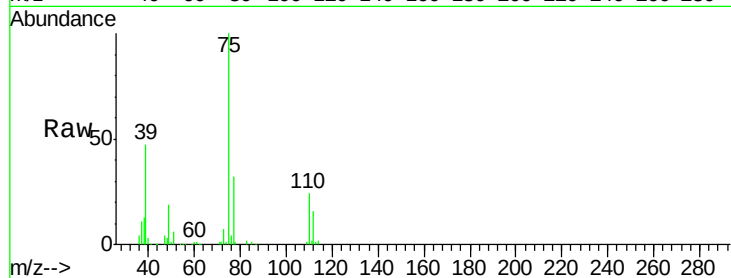




#53
t-1,3-Dichloropropene
Concen: 42.312 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

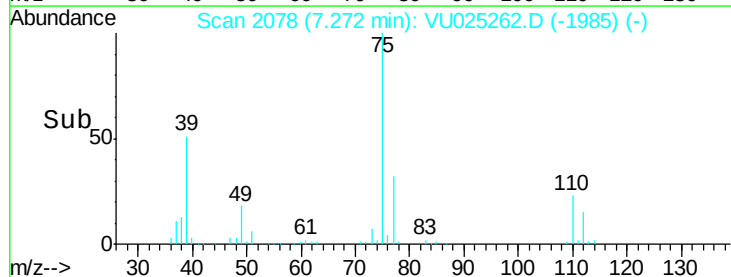
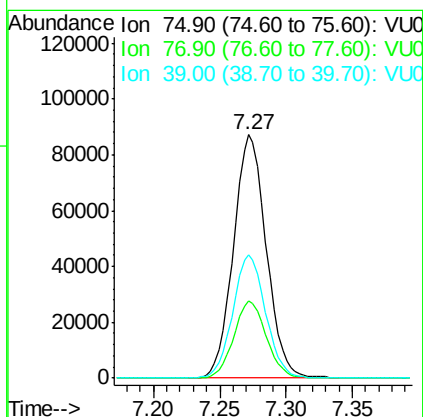
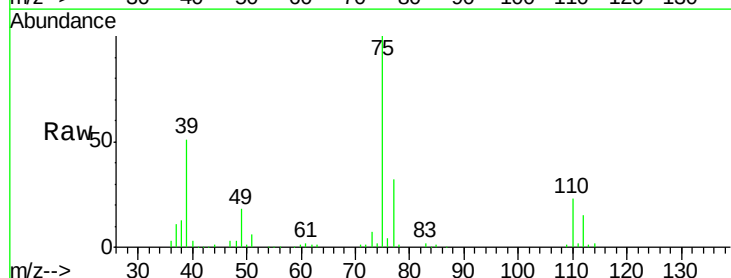
Instrument :
MSVOA_U
ClientSampleId :

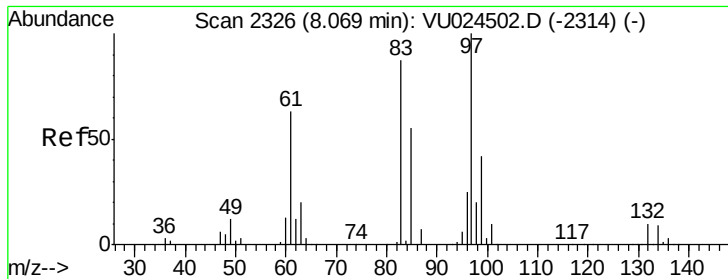
Tot Ion: 75 Resp: 143100
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 41.665 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 75 Resp: 150150
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 50.7 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 47.283 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 97 Resp: 99784

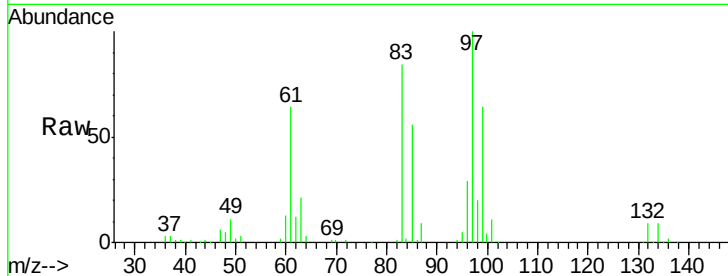
Ion Ratio Lower Upper

97 100

83 84.8 70.5 105.7

85 55.4 46.4 69.6

99 64.3 50.2 75.2

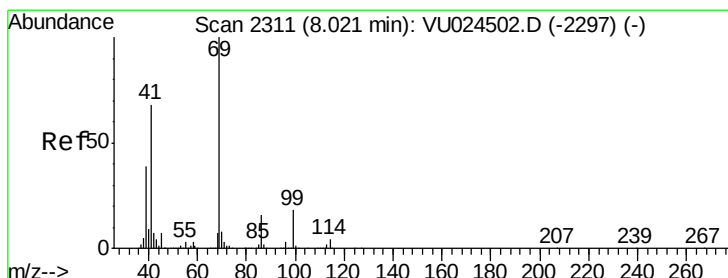
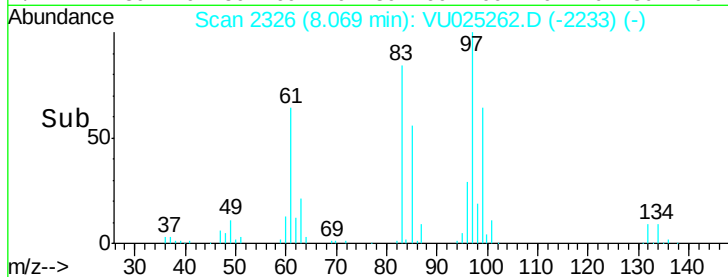
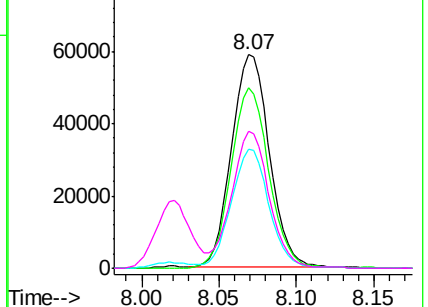


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 45.131 ug/l

RT: 8.02 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

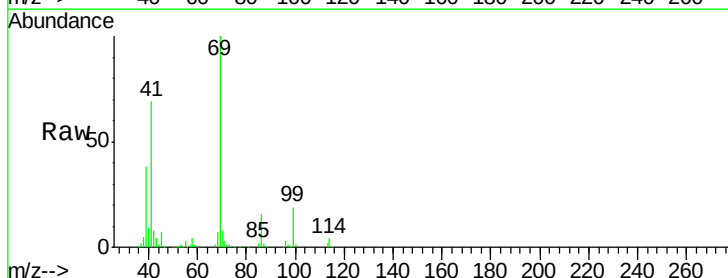
Tgt Ion: 69 Resp: 159411

Ion Ratio Lower Upper

69 100

41 68.0 54.1 81.1

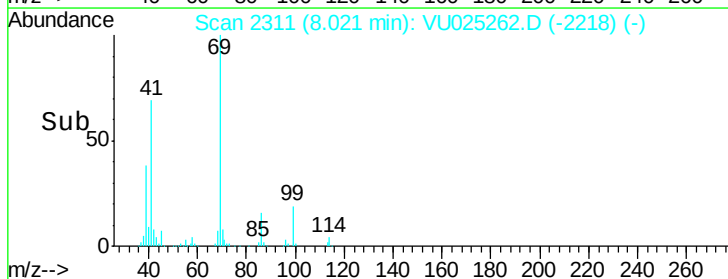
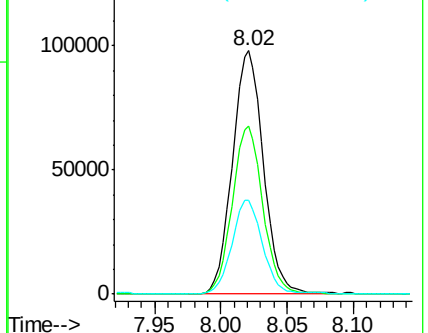
39 38.0 30.3 45.5

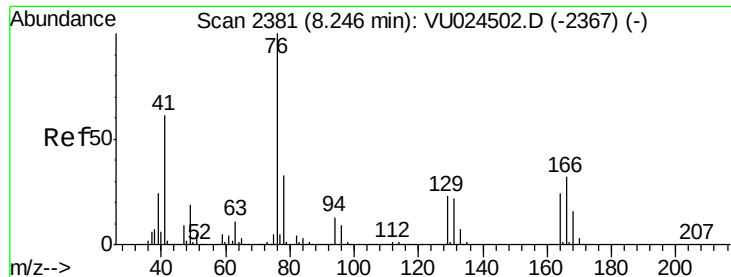


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

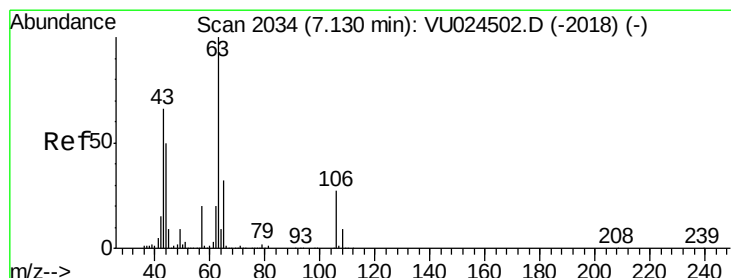
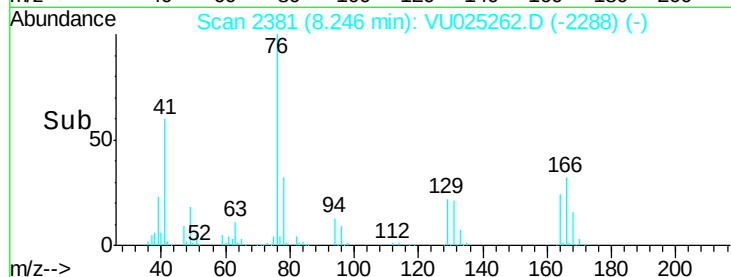
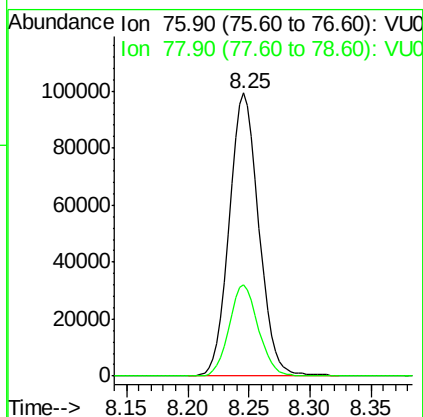
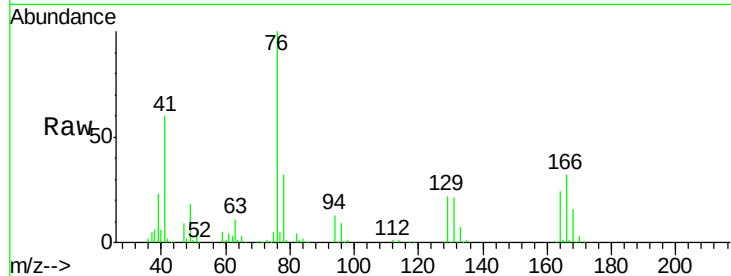




#57
 1,3-Dichloropropane
 Concen: 47.249 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

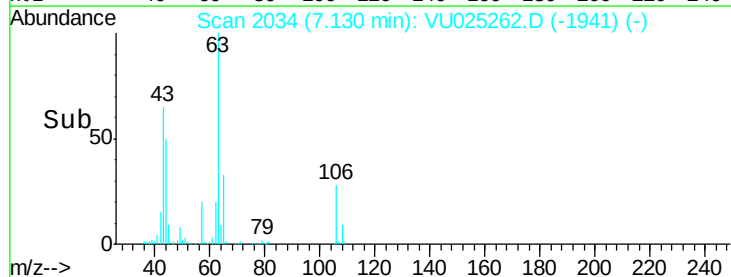
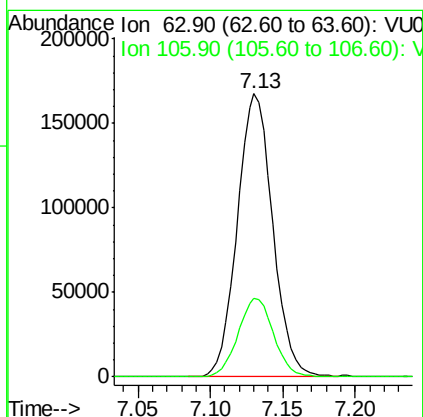
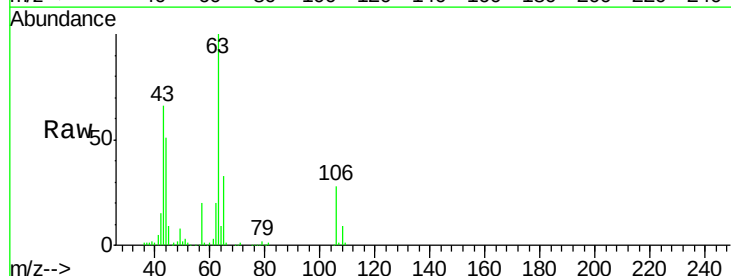
Instrument :
 MSVOA_U
 ClientSampled :

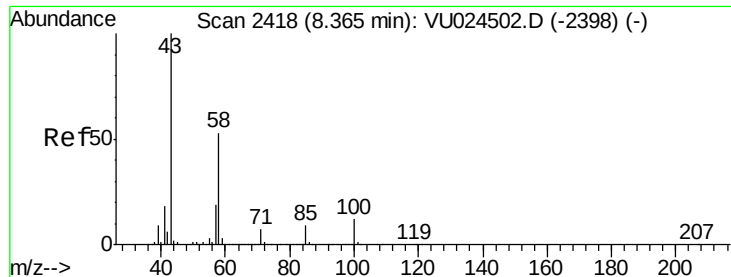
Tot Ion: 76 Resp: 168204
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 209.840 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Tgt Ion: 63 Resp: 283953
 Ion Ratio Lower Upper
 63 100
 106 27.9 20.2 30.2

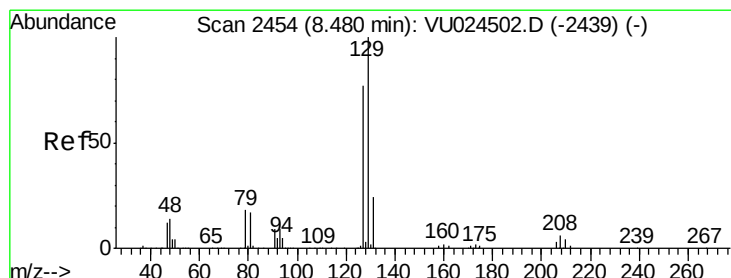
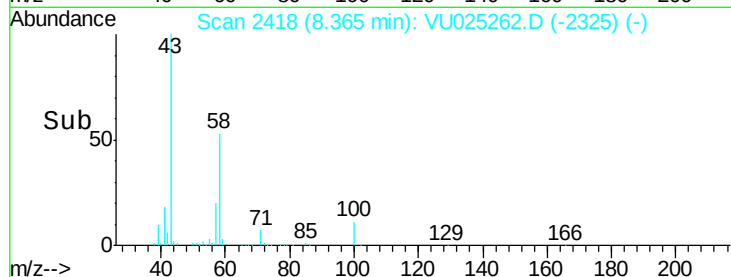
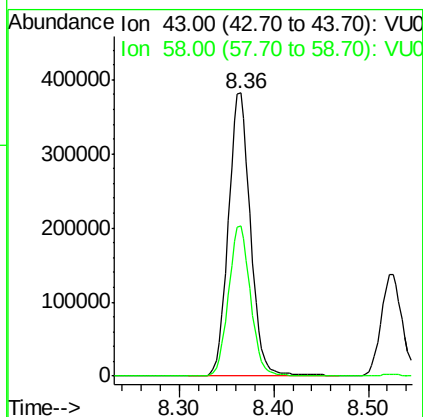
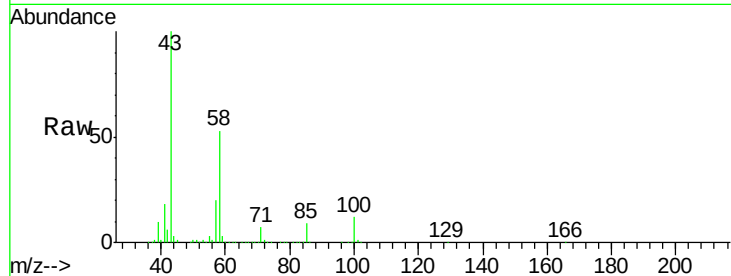




#59
2-Hexanone
Concen: 226.463 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

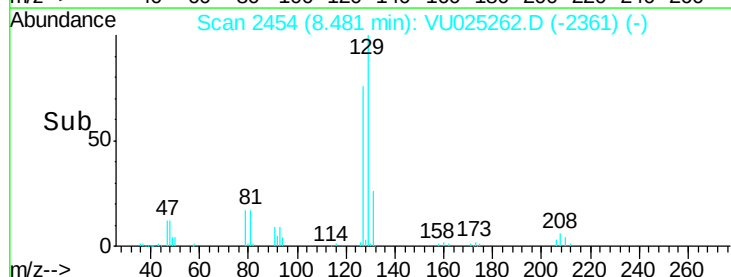
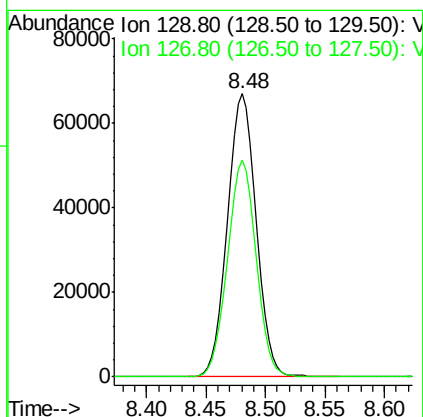
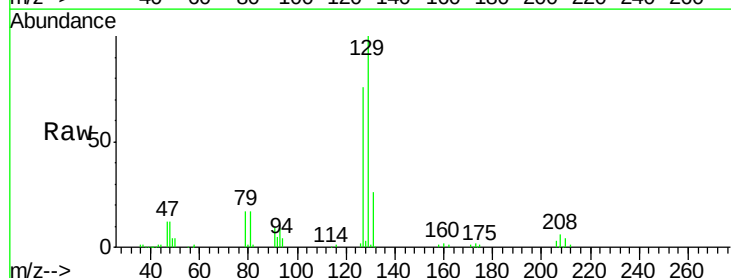
Instrument :
MSVOA_U
ClientSampled :

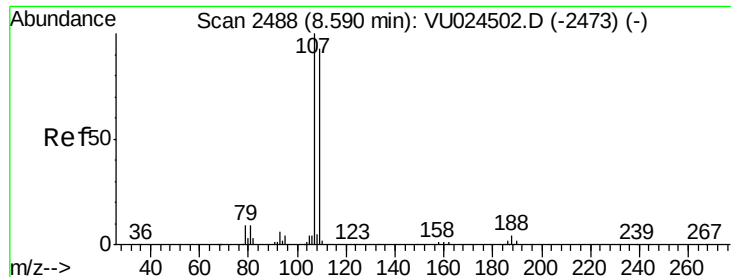
Tot Ion: 43 Resp: 619727
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0



#60
Dibromochloromethane
Concen: 42.745 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 129 Resp: 112488
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 46.376 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

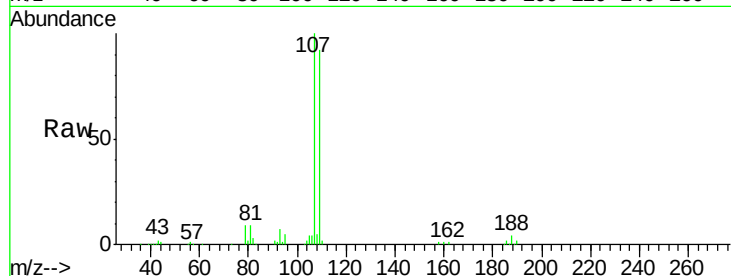
ClientSampleId :

Tot Ion:107 Resp: 108931

Ion Ratio Lower Upper

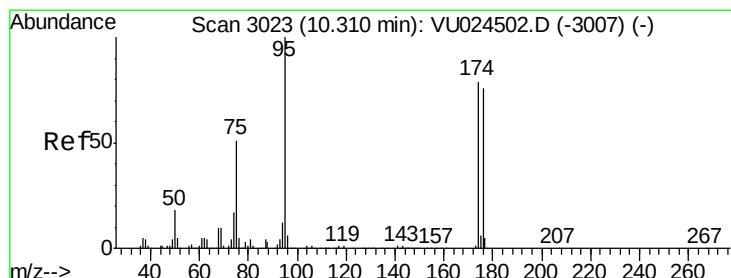
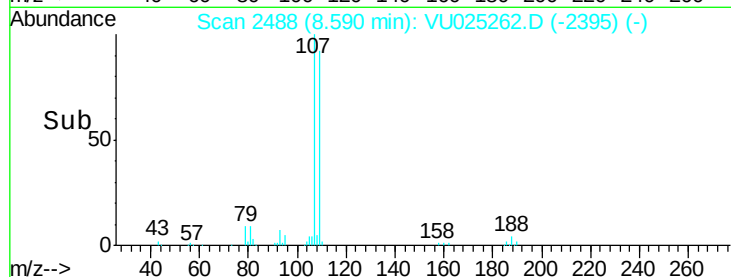
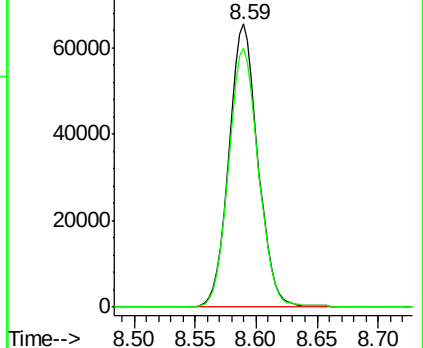
107 100

109 94.1 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 37.640 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

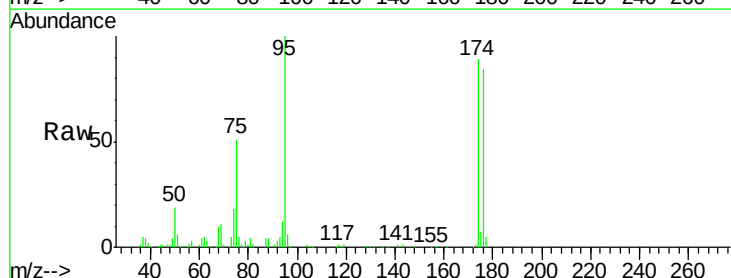
Tgt Ion: 95 Resp: 109030

Ion Ratio Lower Upper

95 100

174 87.8 0.0 165.8

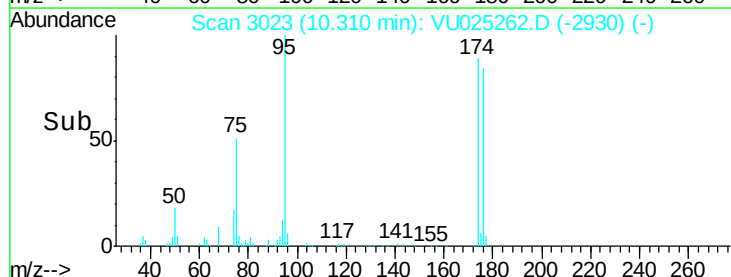
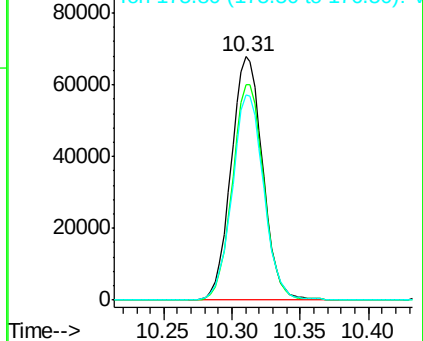
176 84.1 0.0 159.4

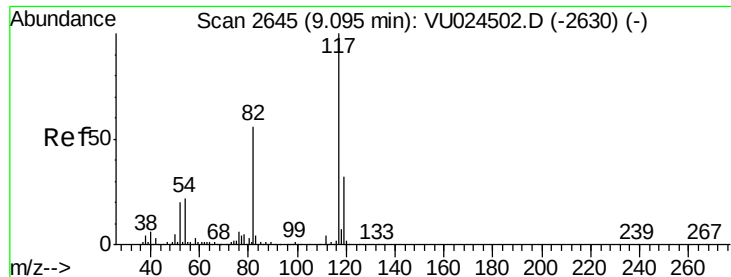


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

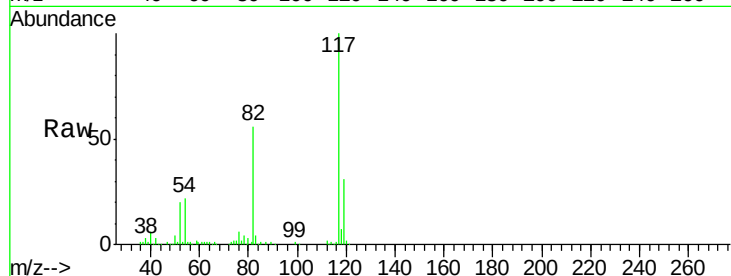




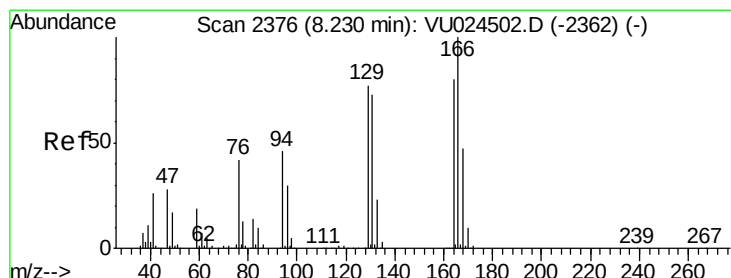
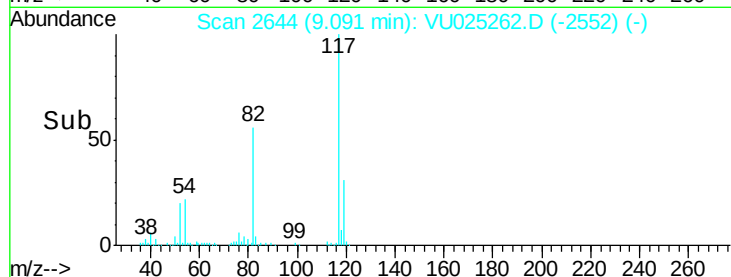
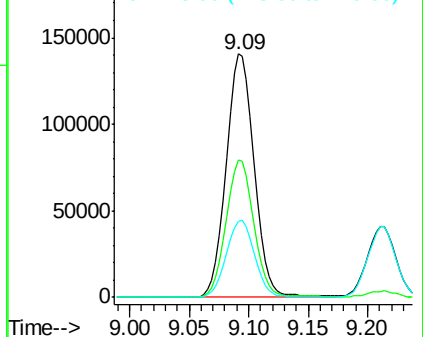
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 229784
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 31.4 25.4 38.2

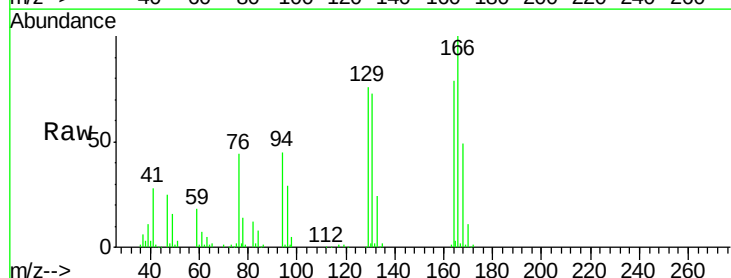


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

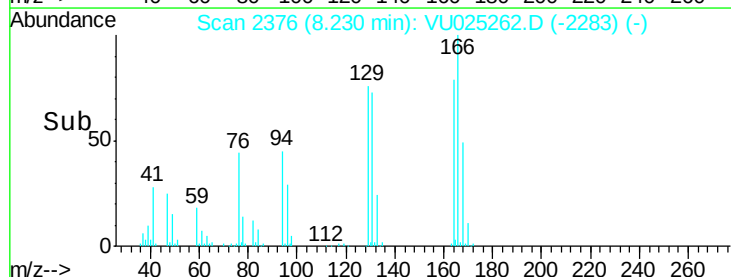
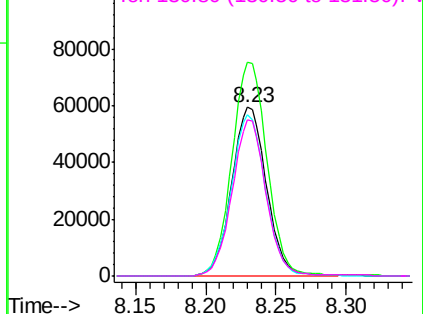


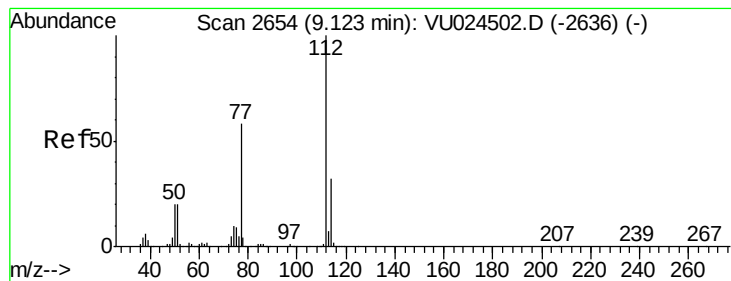
#64
Tetrachloroethene
Concen: 46.924 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion:164 Resp: 102492
Ion Ratio Lower Upper
164 100
166 126.5 101.7 152.5
129 95.6 76.9 115.3
131 92.4 74.9 112.3



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





#65

Chlorobenzene

Concen: 46.065 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

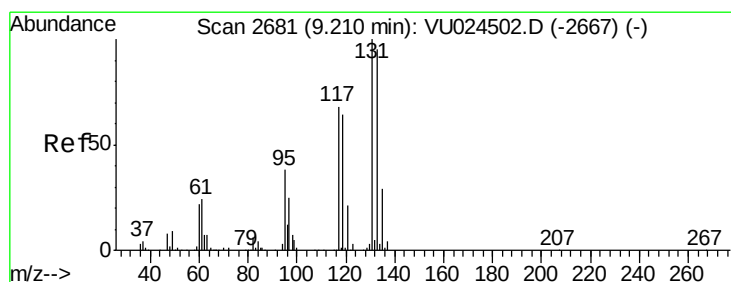
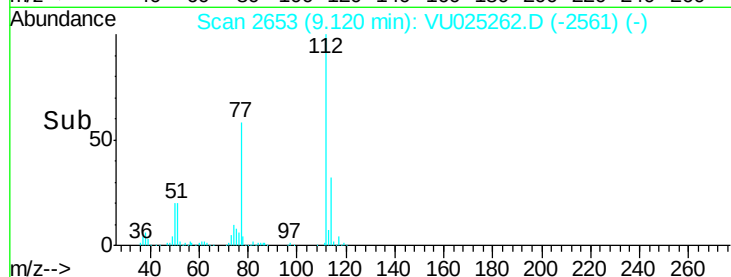
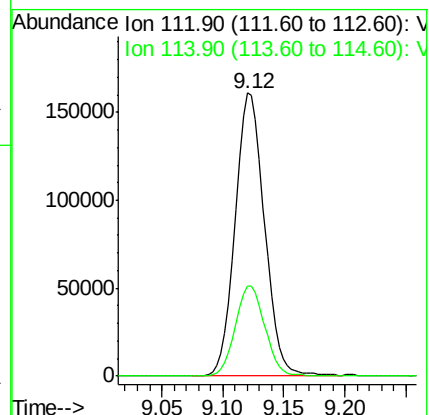
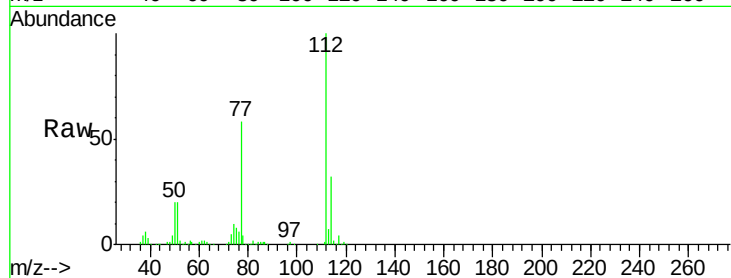
ClientSampleId :

Tot Ion:112 Resp: 270408

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 45.786 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

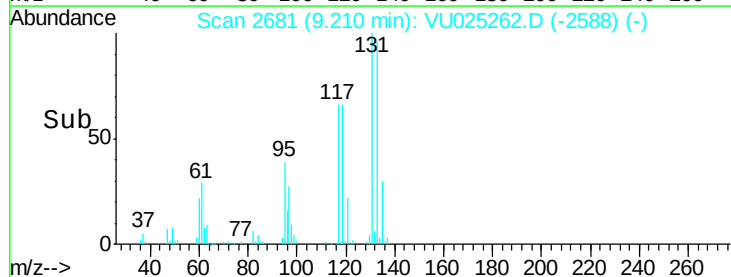
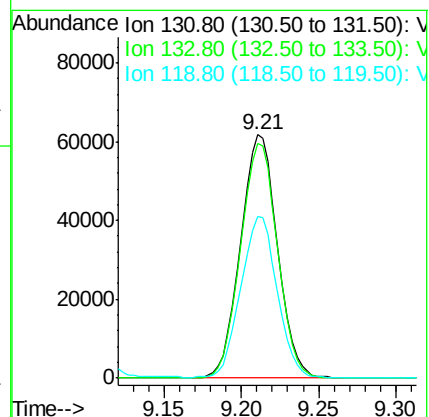
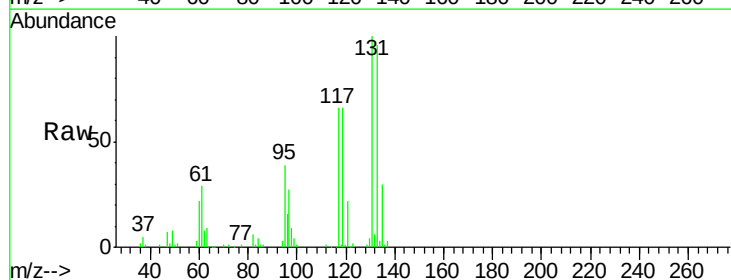
Tgt Ion:131 Resp: 102111

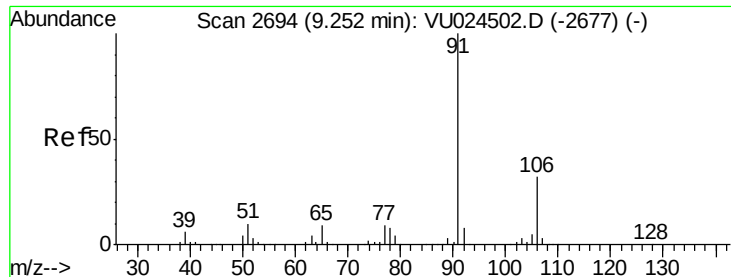
Ion Ratio Lower Upper

131 100

133 96.8 46.9 140.8

119 65.7 33.5 100.4





#67

Ethyl Benzene

Concen: 45.450 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

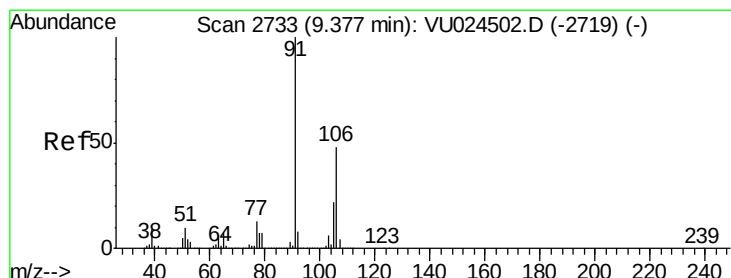
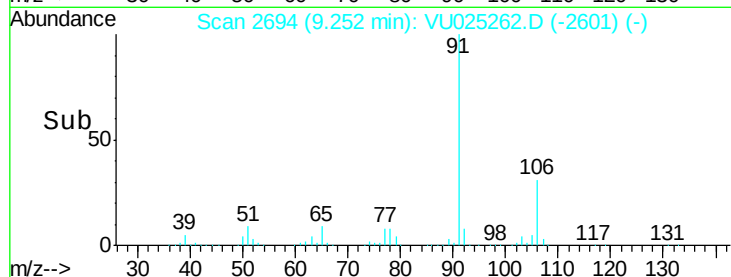
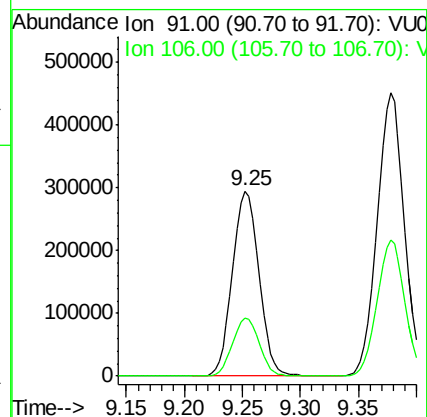
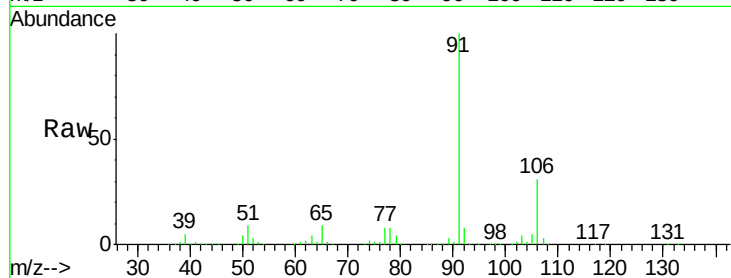
ClientSampled :

Tot Ion: 91 Resp: 467718

Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.4



#68

m/p-Xylenes

Concen: 91.710 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025262.D

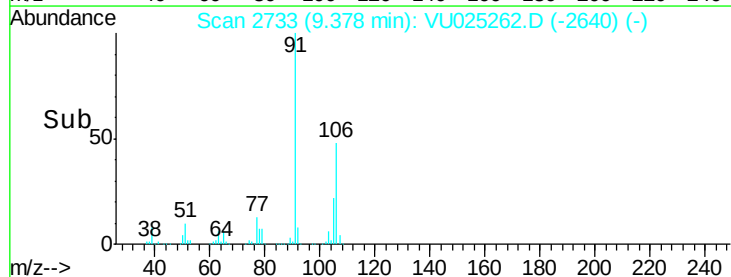
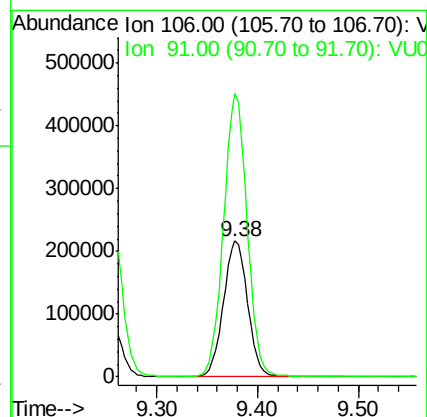
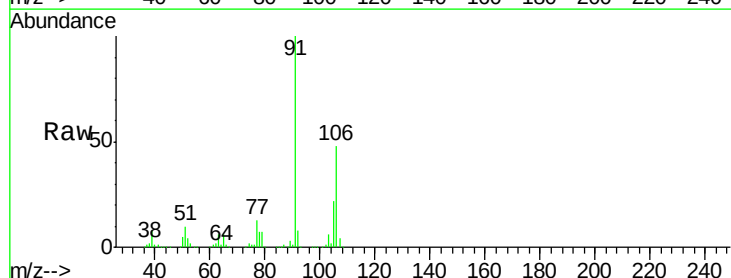
Acq: 07 Jul 2018 00:09

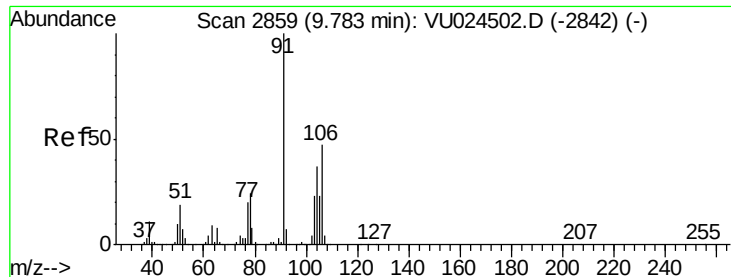
Tgt Ion: 106 Resp: 362406

Ion Ratio Lower Upper

106 100

91 203.6 166.5 249.7

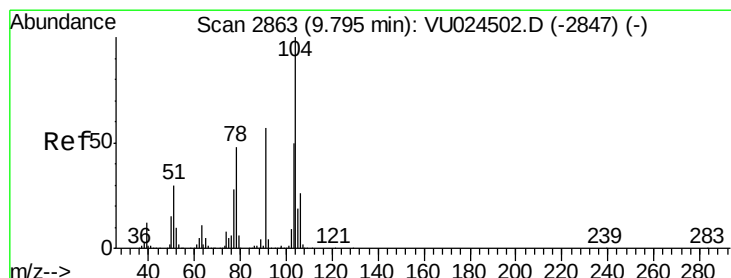
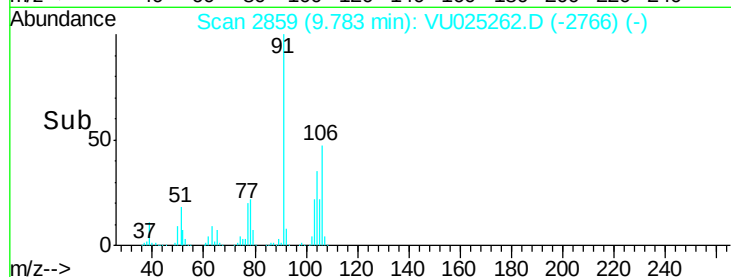
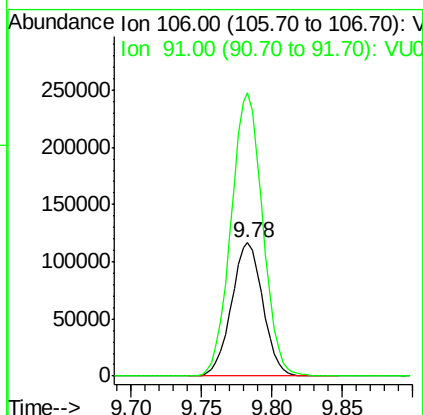
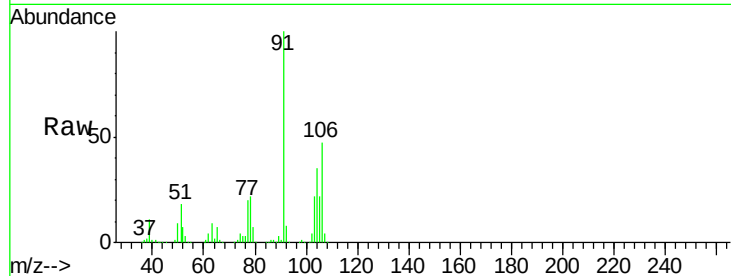




#69
o-Xylene
Concen: 46.560 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

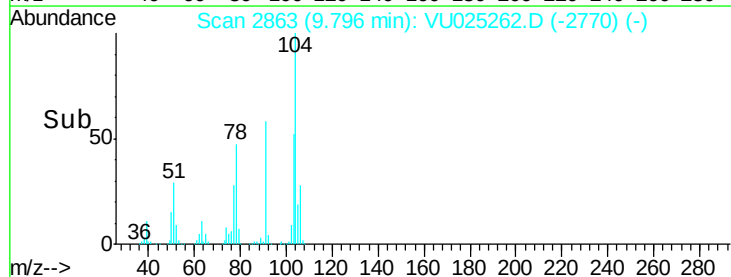
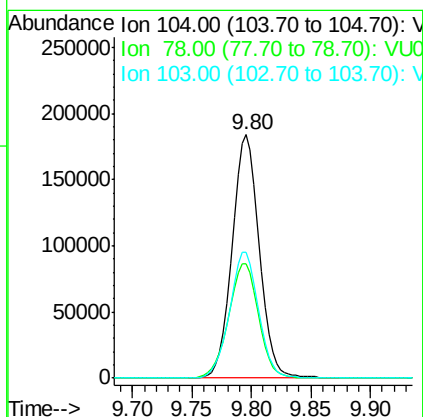
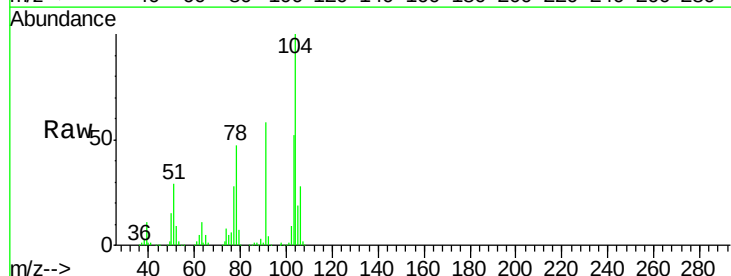
Instrument :
MSVOA_U
ClientSampled :

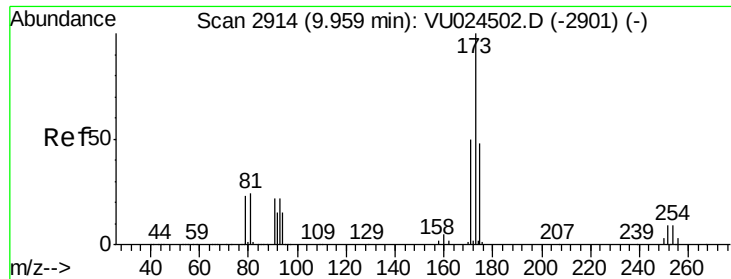
Tot Ion:106 Resp: 182087
Ion Ratio Lower Upper
106 100
91 213.6 110.7 331.9



#70
Styrene
Concen: 45.296 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion:104 Resp: 291110
Ion Ratio Lower Upper
104 100
78 52.1 40.6 60.8
103 55.4 44.7 67.1





#71

Bromoform

Concen: 41.090 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :
MSVOA_U
ClientSampleId :

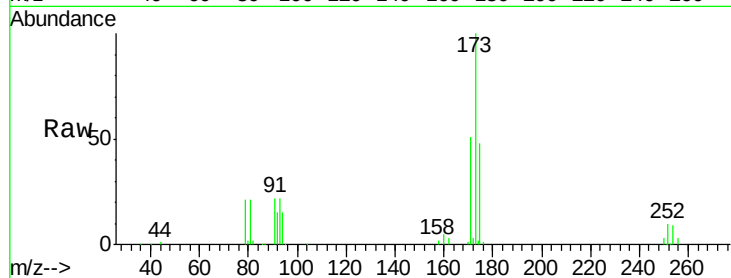
Tot Ion:173 Resp: 87102

Ion Ratio Lower Upper

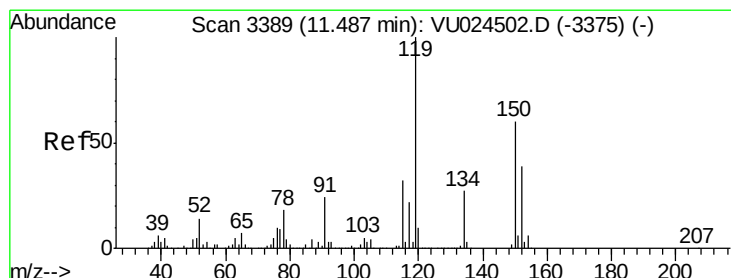
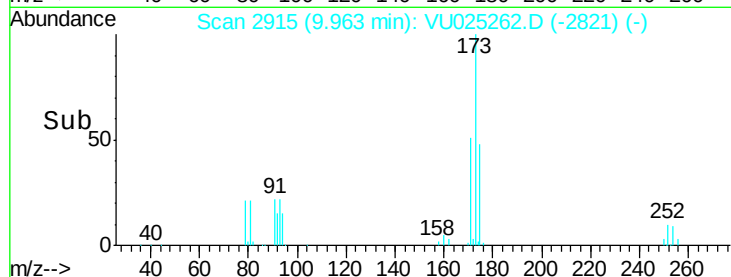
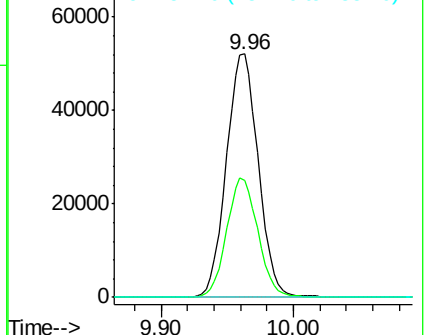
173 100

175 48.0 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

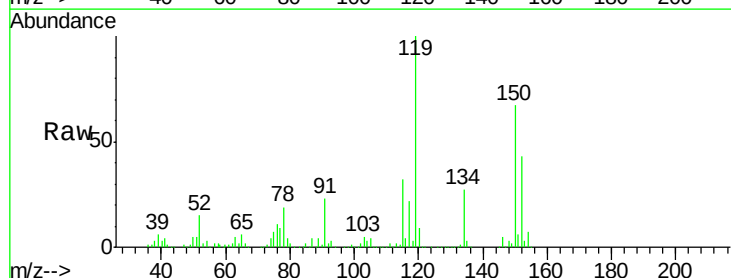
Tgt Ion:152 Resp: 134590

Ion Ratio Lower Upper

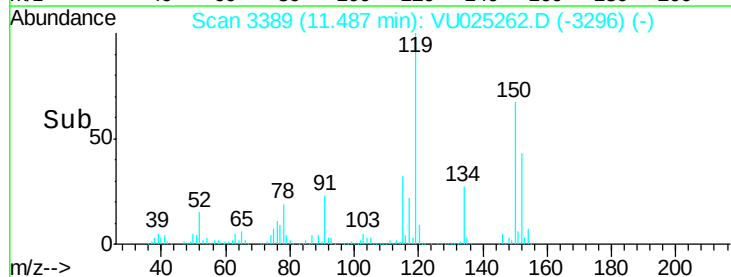
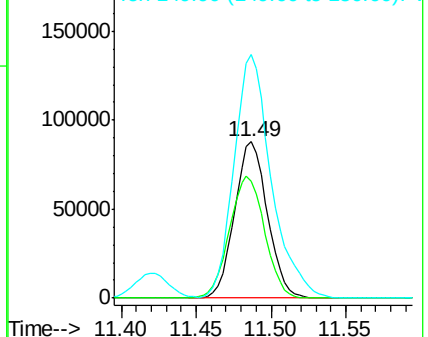
152 100

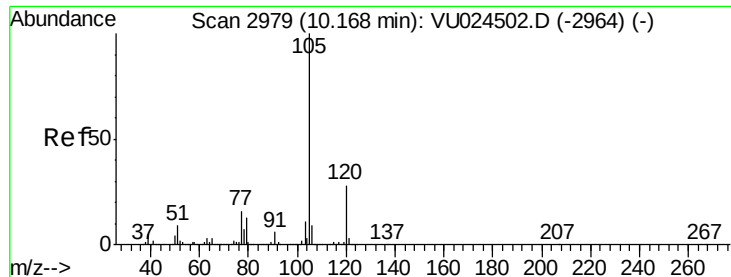
115 83.1 43.0 129.0

150 176.4 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: 47.238 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

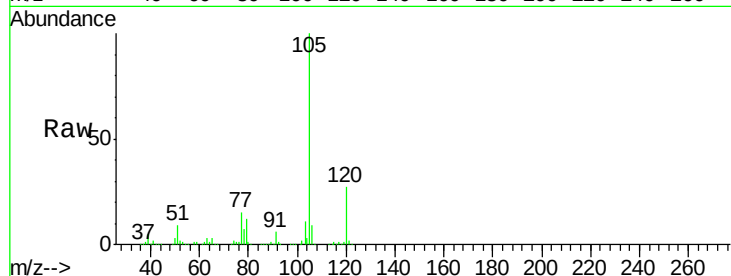
ClientSampleId :

Tot Ion:105 Resp: 488122

Ion Ratio Lower Upper

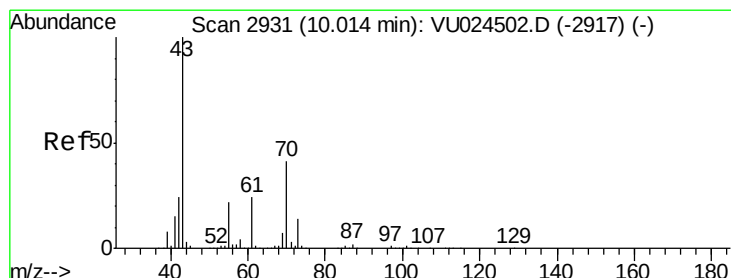
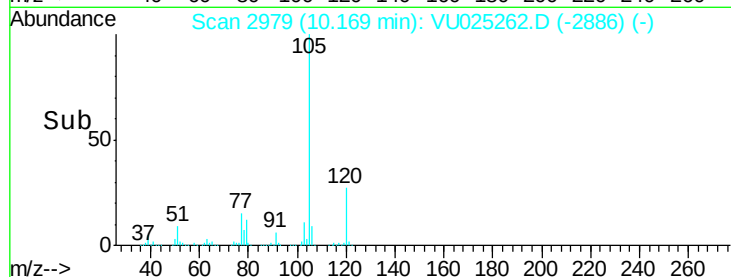
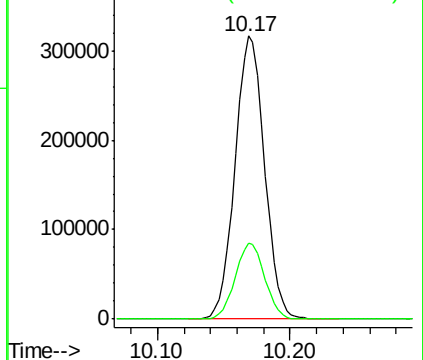
105 100

120 26.7 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: 42.375 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Tgt Ion: 43 Resp: 208275

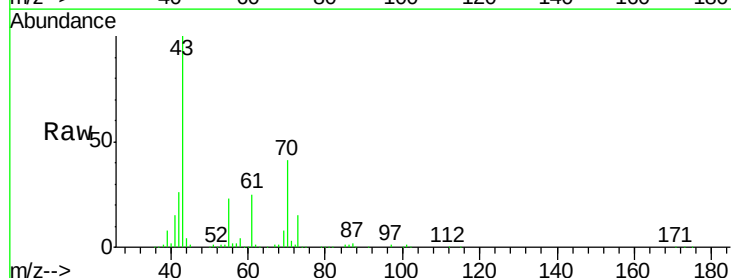
Ion Ratio Lower Upper

43 100

70 41.3 32.2 48.4

55 24.1 20.5 30.7

61 24.0 18.7 28.1

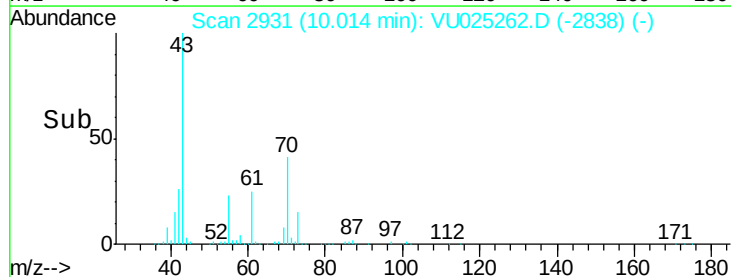
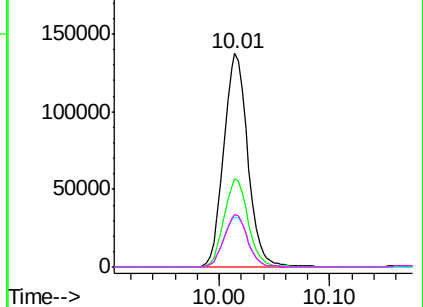


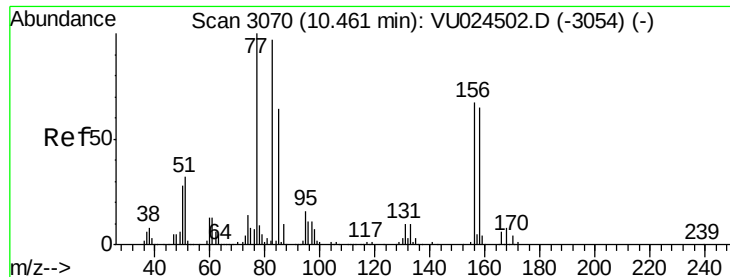
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 47.761 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

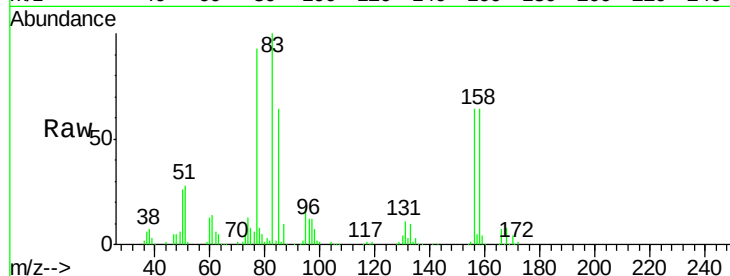
Tot Ion: 83 Resp: 165382

Ion Ratio Lower Upper

83 100

131 10.8 4.7 14.1

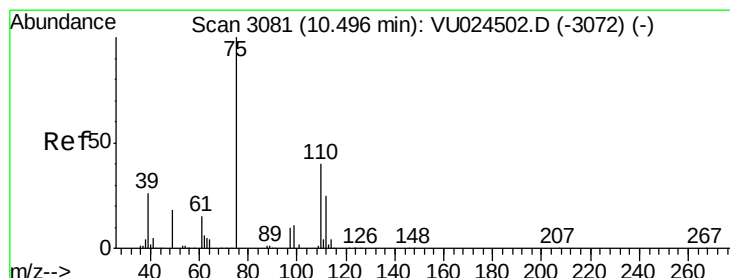
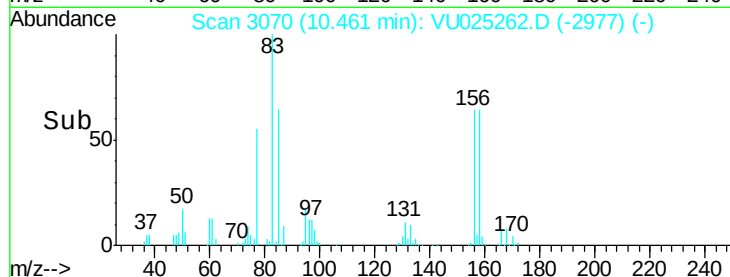
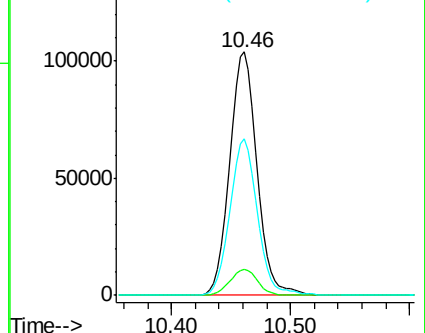
85 64.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025262.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025262.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025262.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 65.196 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025262.D

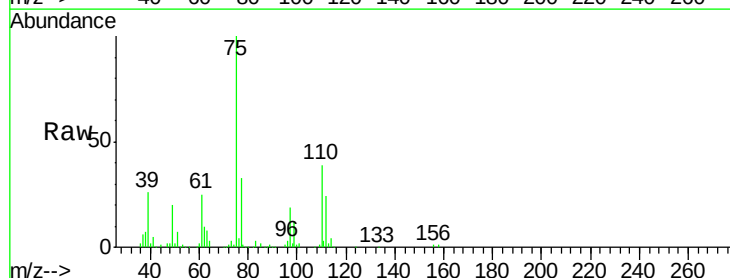
Acq: 07 Jul 2018 00:09

Tgt Ion: 75 Resp: 193188

Ion Ratio Lower Upper

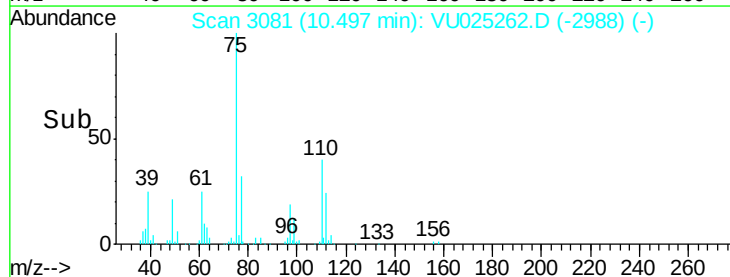
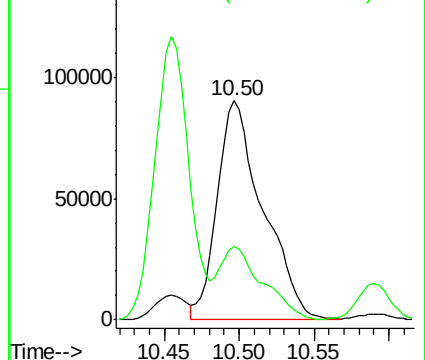
75 100

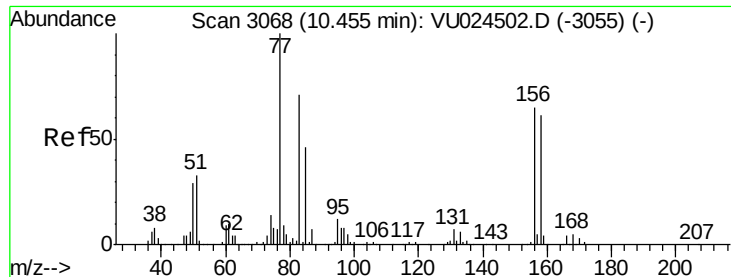
77 32.0 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025262.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025262.D (-2988) (-)





#77

Bromobenzene

Concen: 47.735 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampled :

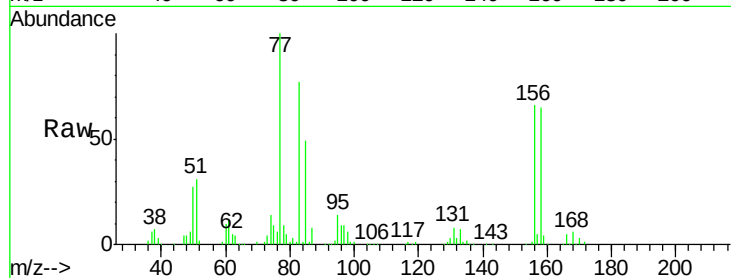
Tot Ion:156 Resp: 124876

Ion Ratio Lower Upper

156 100

77 148.7 80.5 241.3

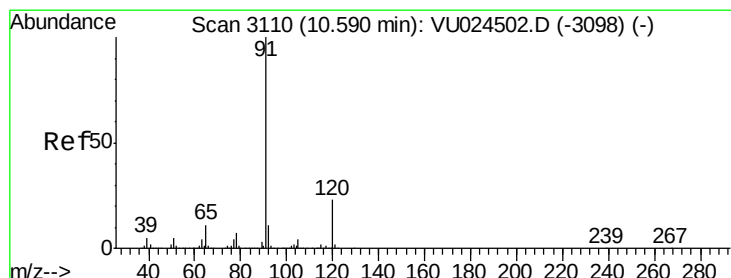
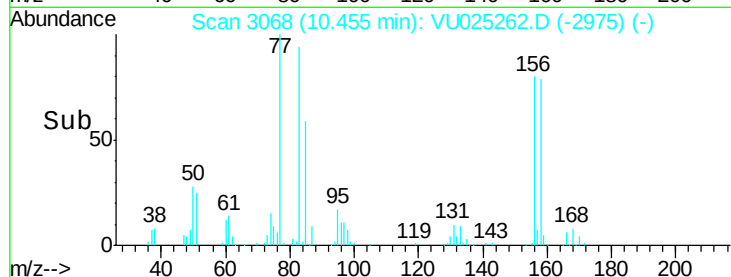
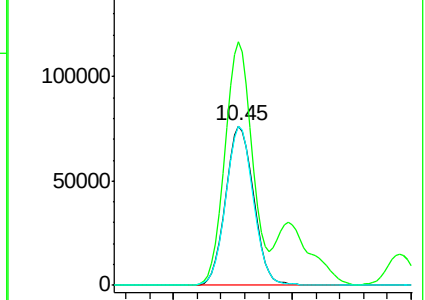
158 98.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.255 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025262.D

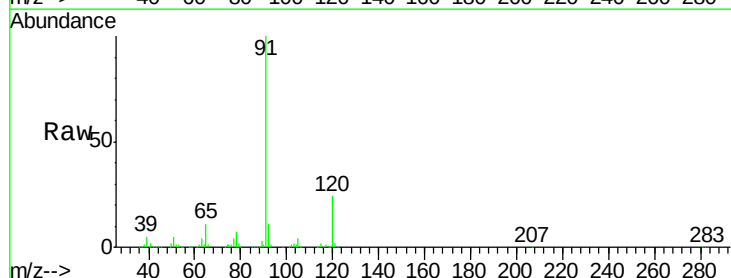
Acq: 07 Jul 2018 00:09

Tgt Ion: 91 Resp: 538695

Ion Ratio Lower Upper

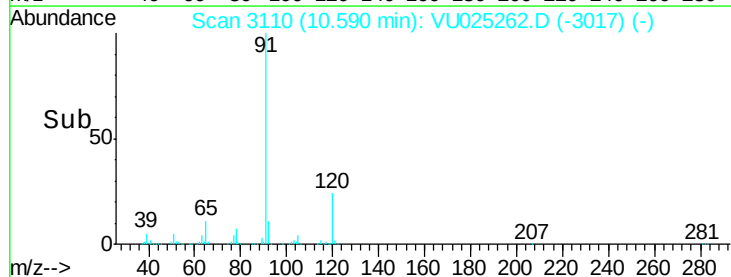
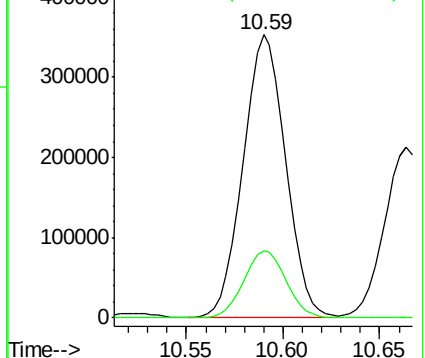
91 100

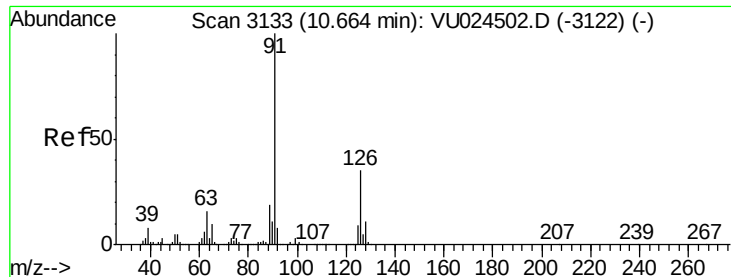
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.247 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

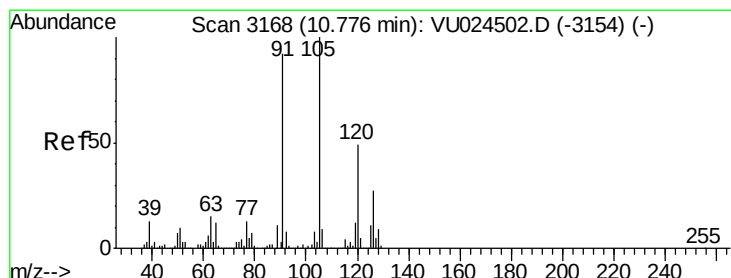
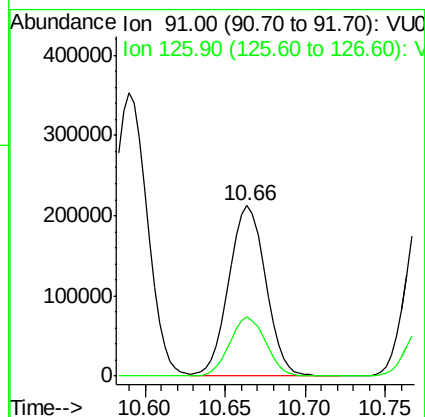
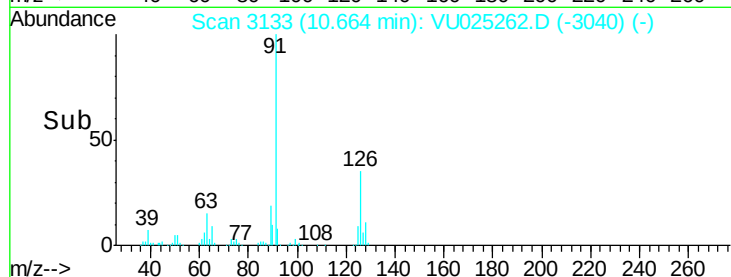
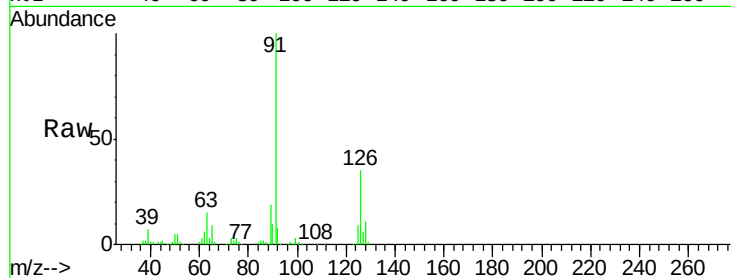
ClientSampled :

Tot Ion: 91 Resp: 331974

Ion Ratio Lower Upper

91 100

126 34.3 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 46.417 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025262.D

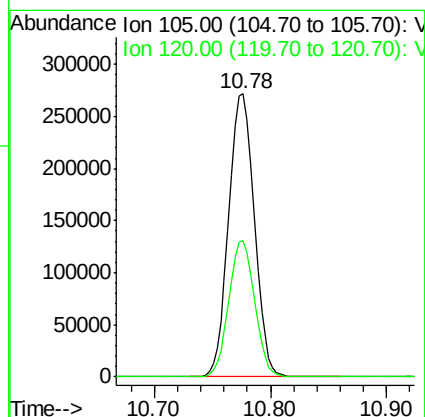
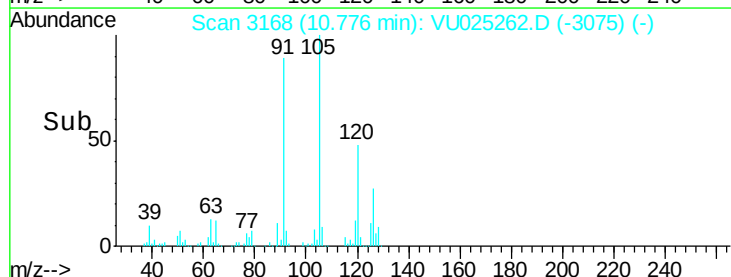
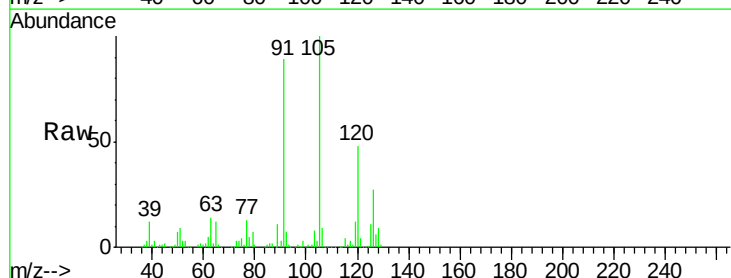
Acq: 07 Jul 2018 00:09

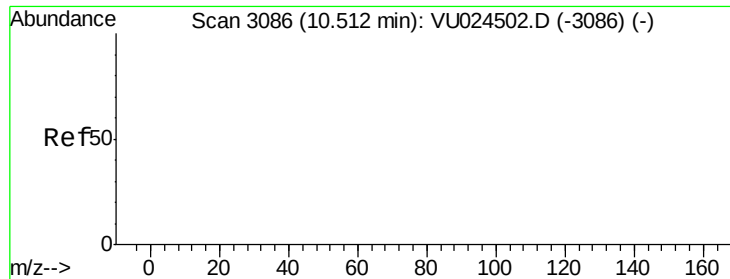
Tgt Ion: 105 Resp: 415723

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2

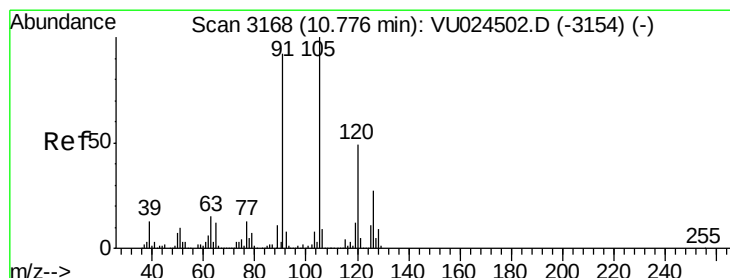
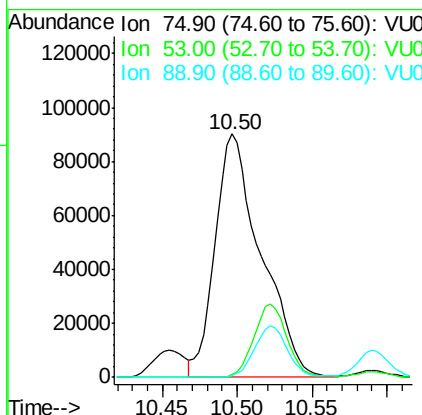
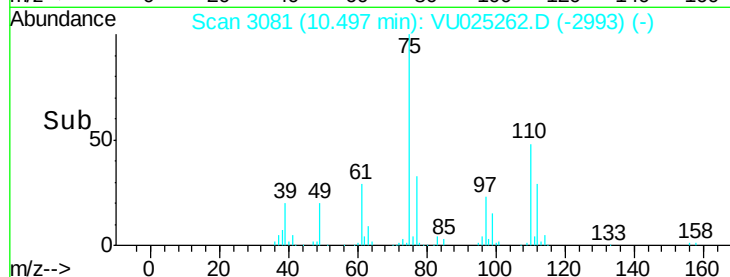
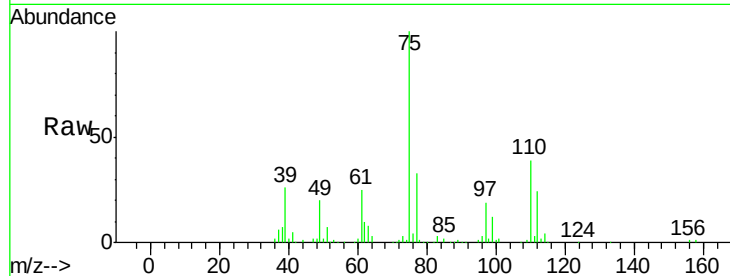




#81
trans-1,4-Dichloro-2-butene
Concen: 150.891 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

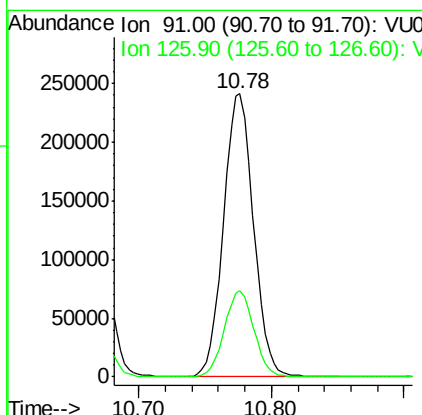
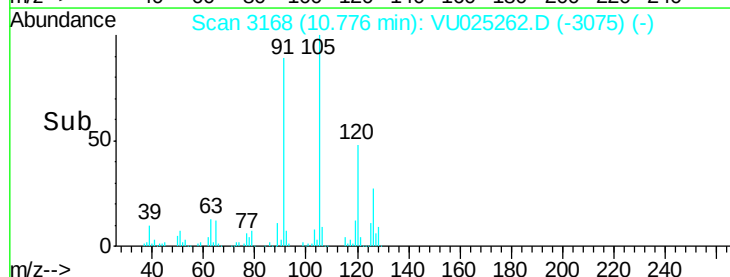
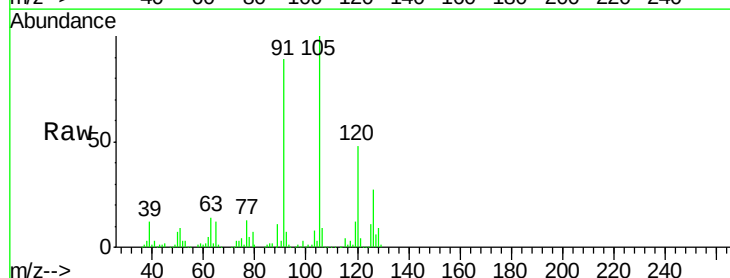
Instrument :
MSVOA_U
ClientSampleId :

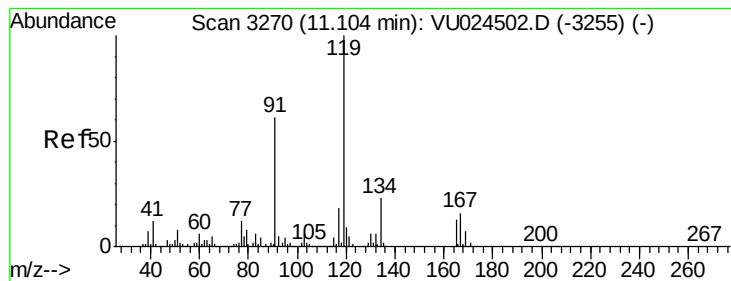
Tot Ion: 75 Resp: 193188
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 45.224 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025262.D
Acq: 07 Jul 2018 00:09

Tgt Ion: 91 Resp: 377840
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.9





#83

tert-Butylbenzene

Concen: 47.916 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

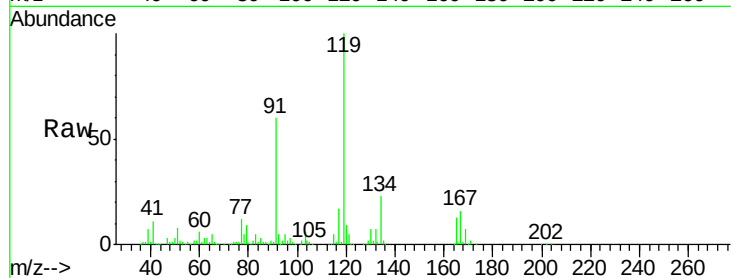
Tot Ion:119 Resp: 412810

Ion Ratio Lower Upper

119 100

91 59.0 29.7 89.1

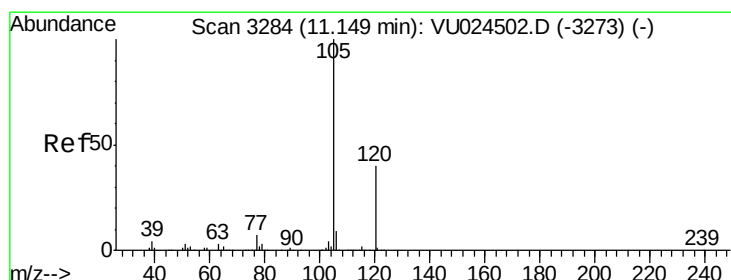
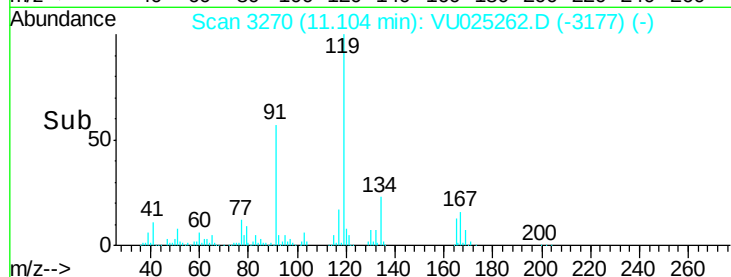
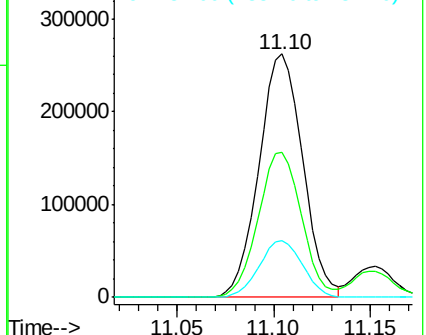
134 23.1 11.6 34.7



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: 45.572 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025262.D

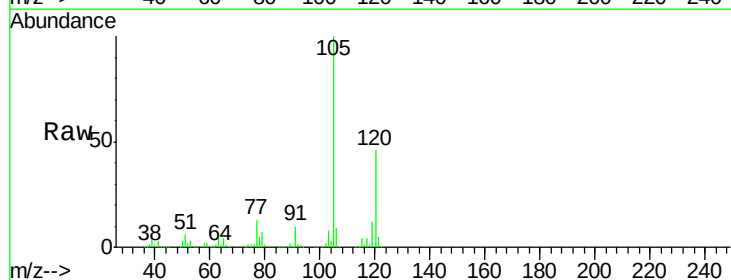
Acq: 07 Jul 2018 00:09

Tgt Ion:105 Resp: 415948

Ion Ratio Lower Upper

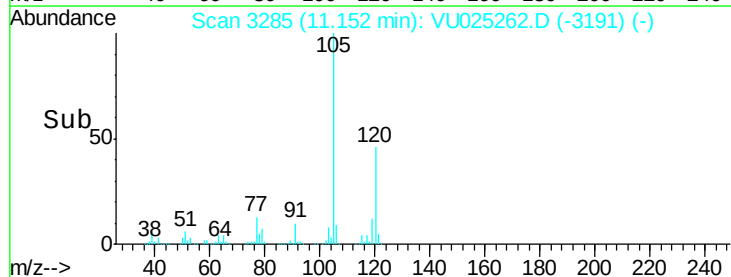
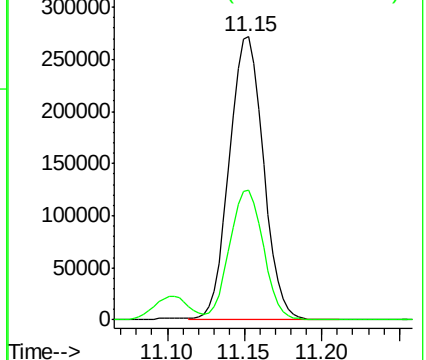
105 100

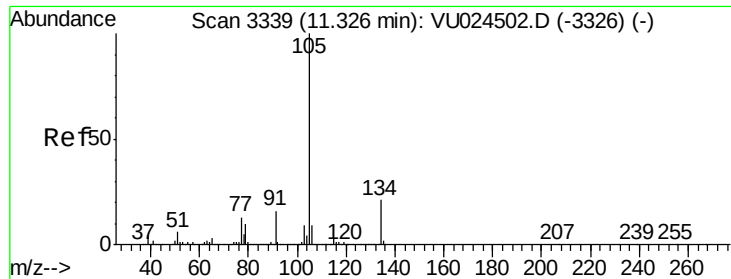
120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.846 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

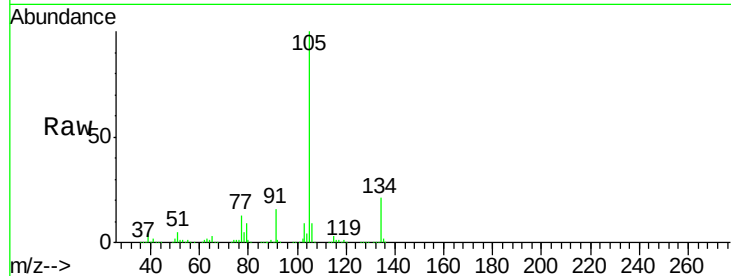
ClientSampleId :

Tot Ion:105 Resp: 494406

Ion Ratio Lower Upper

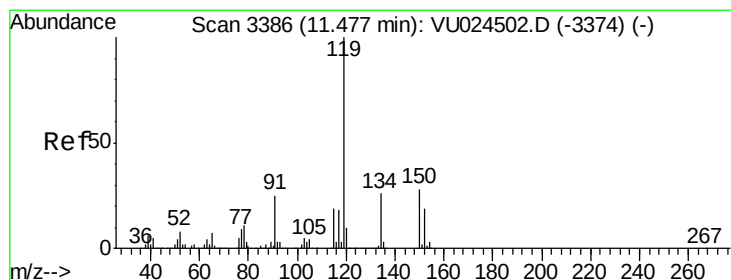
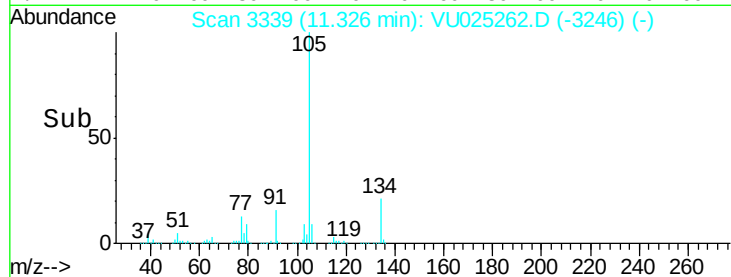
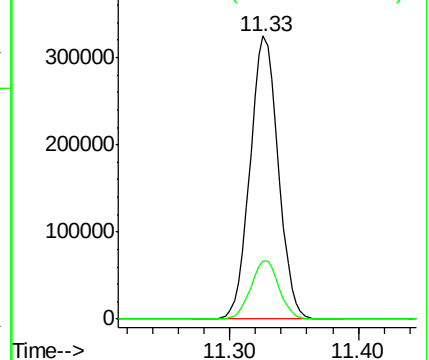
105 100

134 20.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.027 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

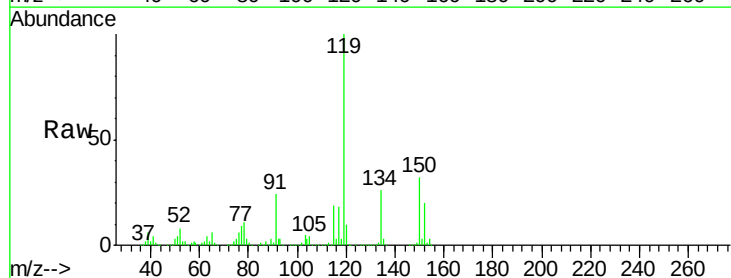
Tgt Ion:119 Resp: 434885

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

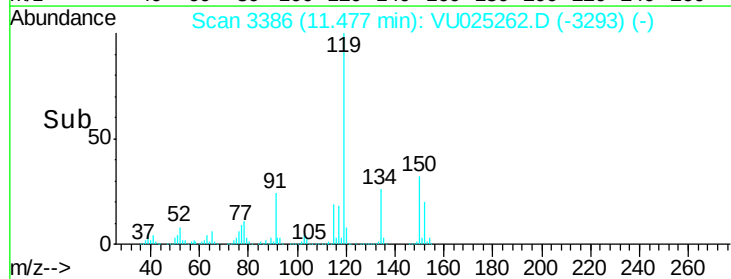
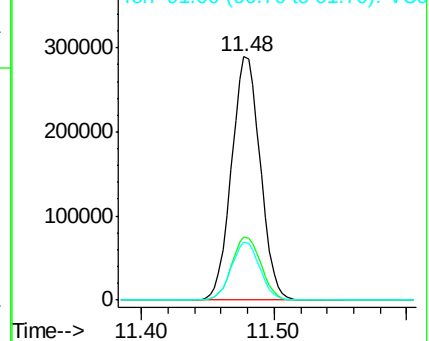
91 23.8 12.0 36.1

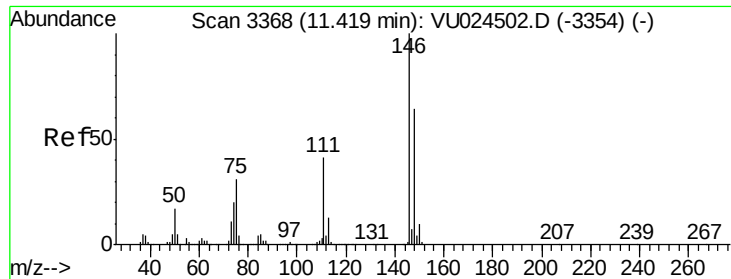


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

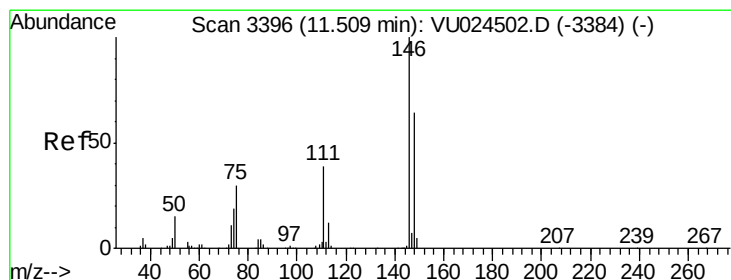
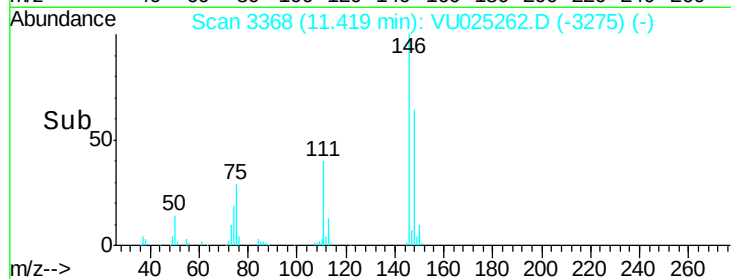
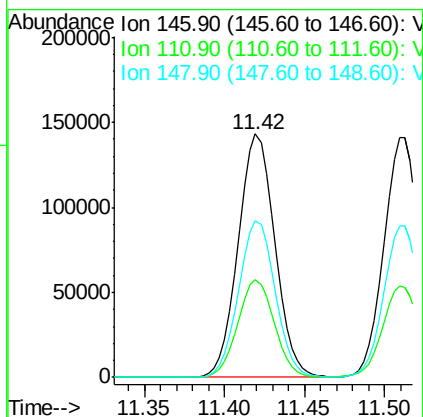
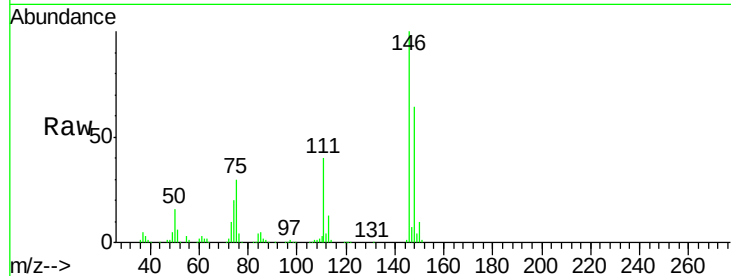




#87
 1,3-Dichlorobenzene
 Concen: 46.247 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

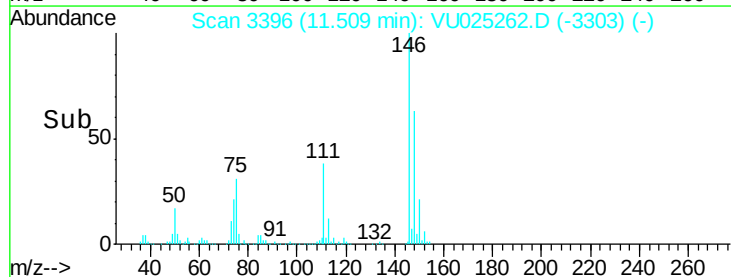
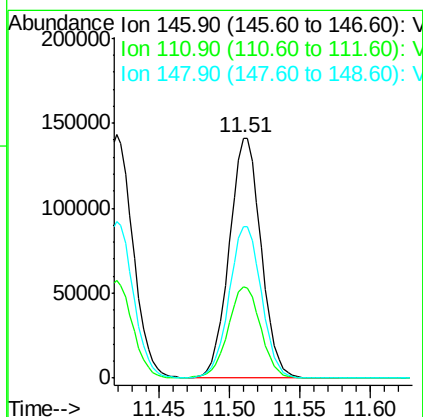
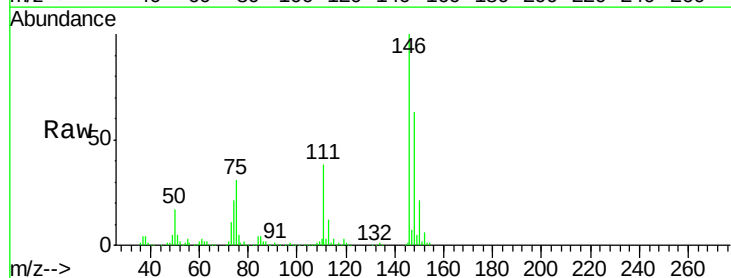
Instrument :
 MSVOA_U
 ClientSampleId :

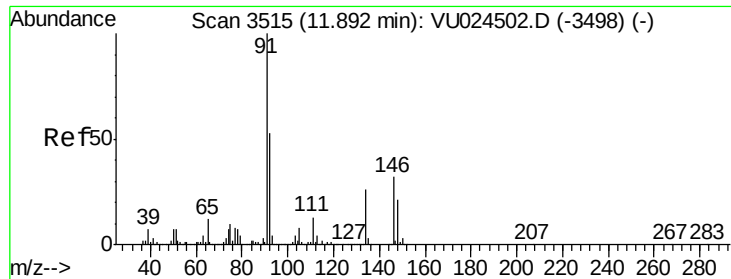
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 45.740 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 39.677 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

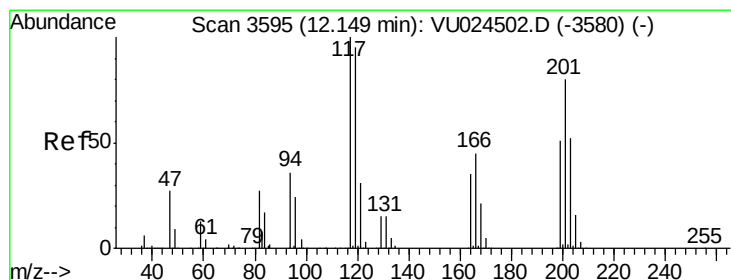
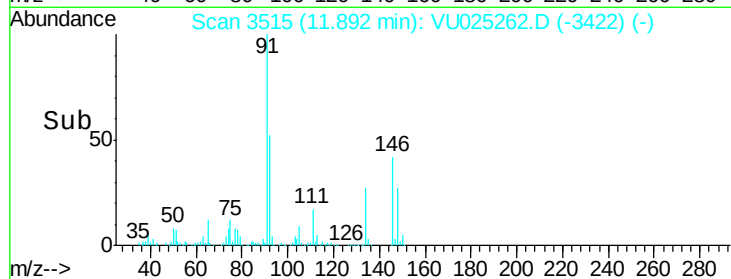
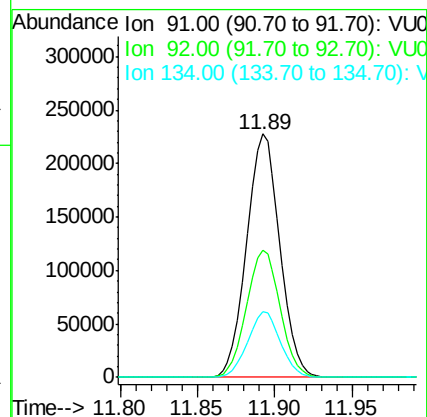
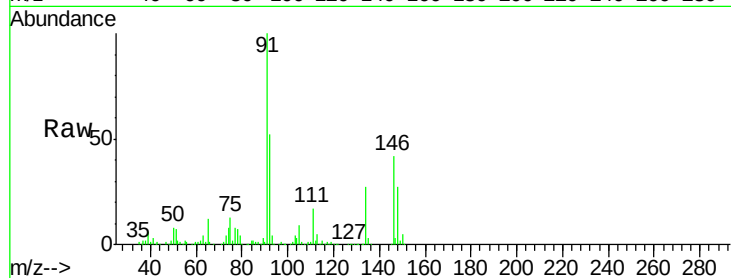
Tot Ion: 91 Resp: 340224

Ion Ratio Lower Upper

91 100

92 52.9 25.6 76.8

134 26.5 12.3 36.8



#90

Hexachloroethane

Concen: 39.110 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025262.D

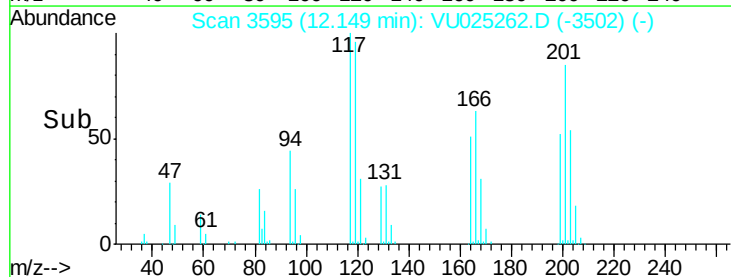
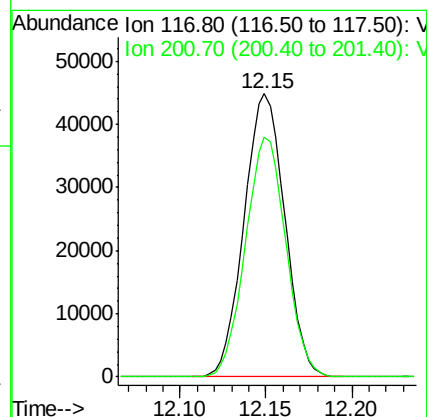
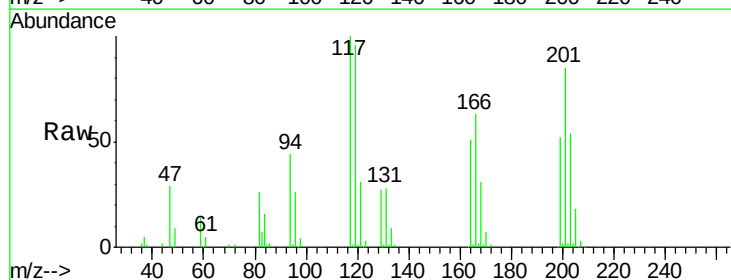
Acq: 07 Jul 2018 00:09

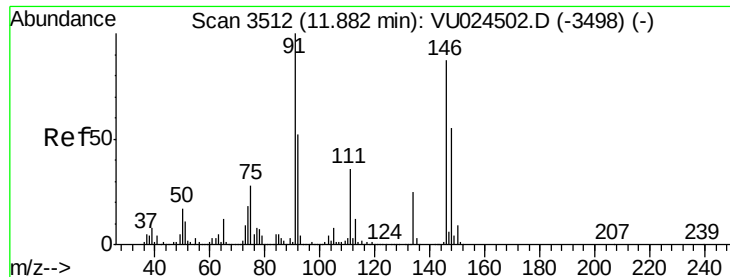
Tgt Ion: 117 Resp: 73687

Ion Ratio Lower Upper

117 100

201 83.8 41.1 123.3

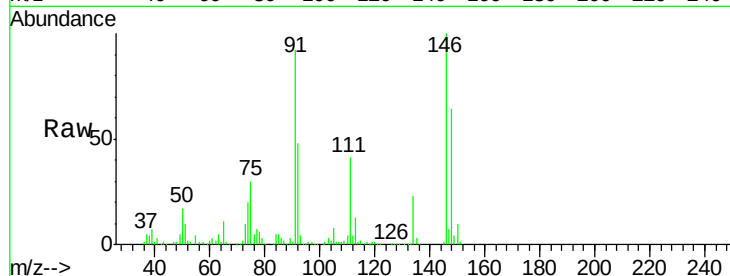




#91
 1,2-Dichlorobenzene
 Concen: 48.061 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	63.7	31.9	95.7

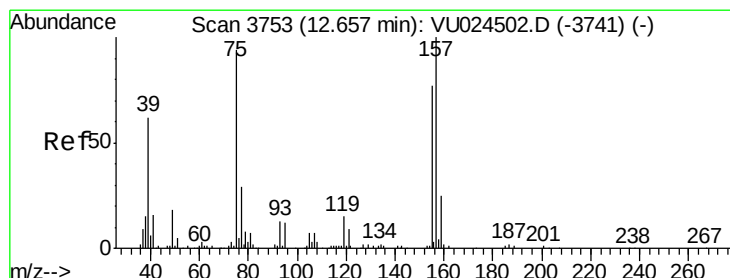
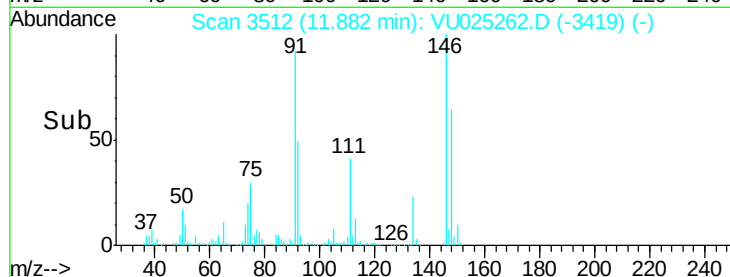
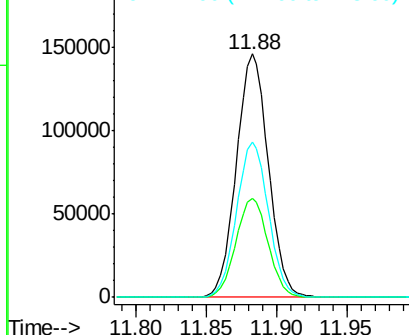


Abundance

Ion 145.90 (145.60 to 146.60): V

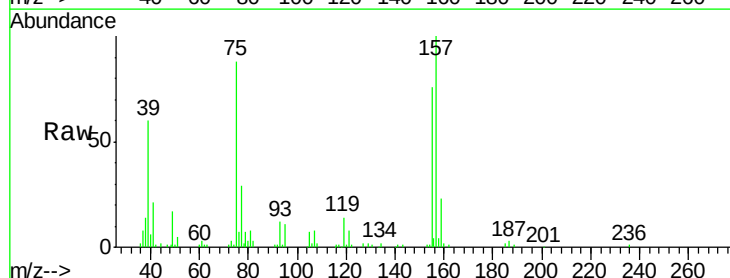
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.048 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	40.4	121.2
157	111.8	52.3	156.8

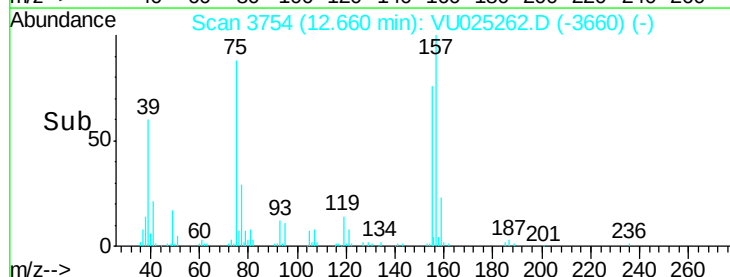
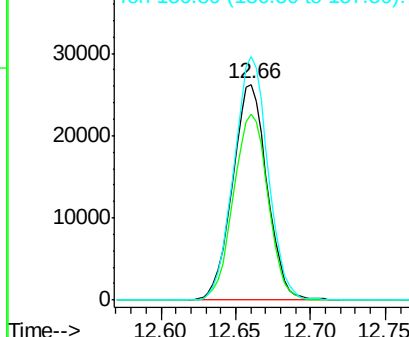


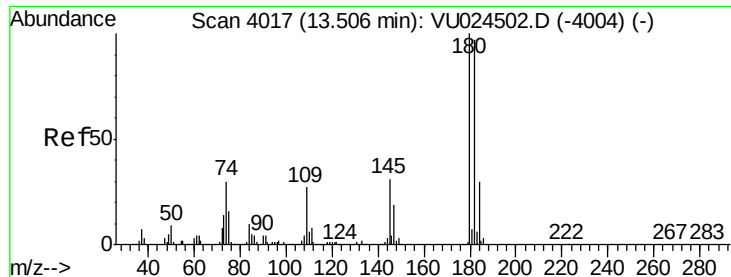
Abundance

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

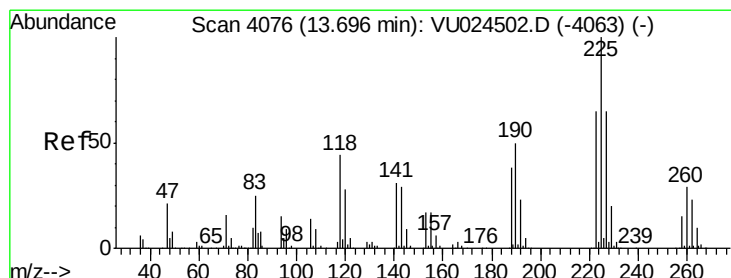
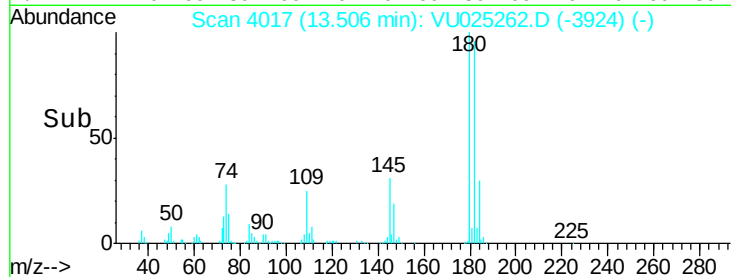
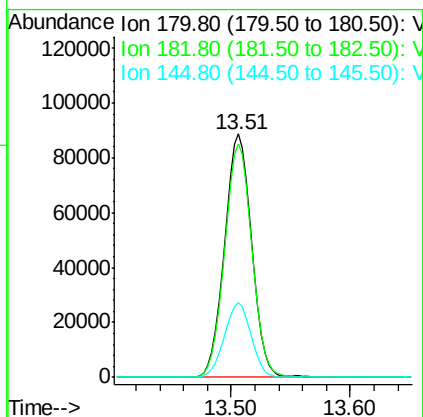
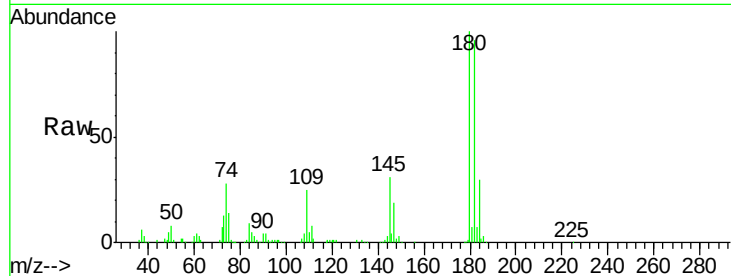




#93
 1,2,4-Trichlorobenzene
 Concen: 46.805 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

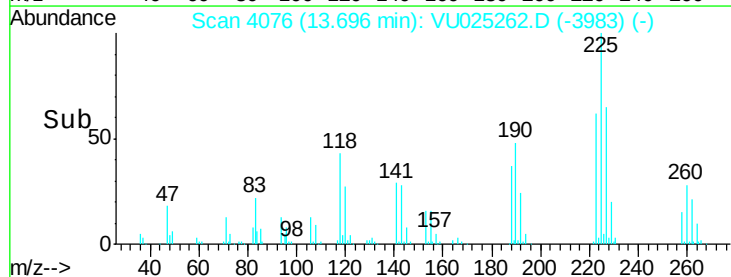
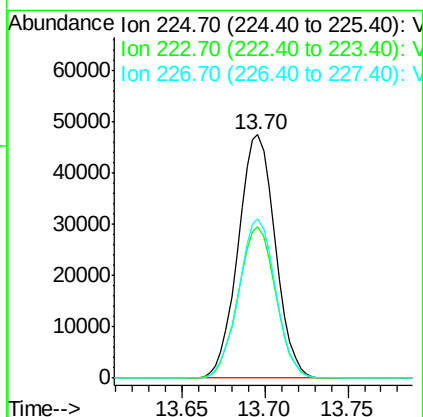
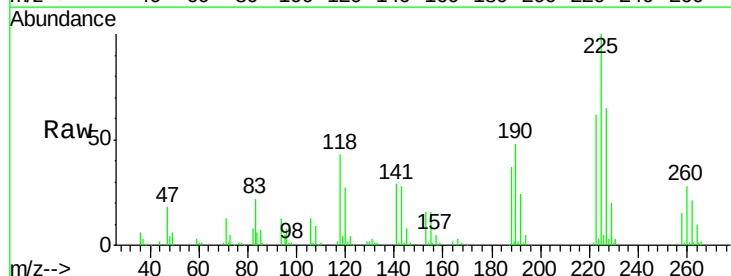
Instrument :
 MSVOA_U
 ClientSampleId :

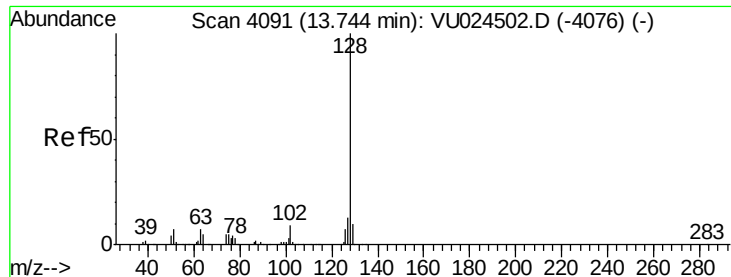
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	30.3	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 43.844 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025262.D
 Acq: 07 Jul 2018 00:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	65.1	31.8	95.4





#95

Naphthalene

Concen: 49.271 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

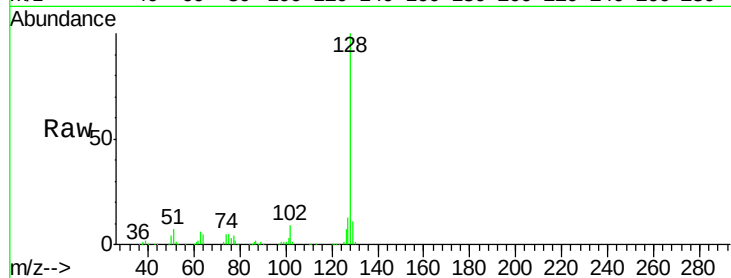
Tot Ion:128 Resp: 487508

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

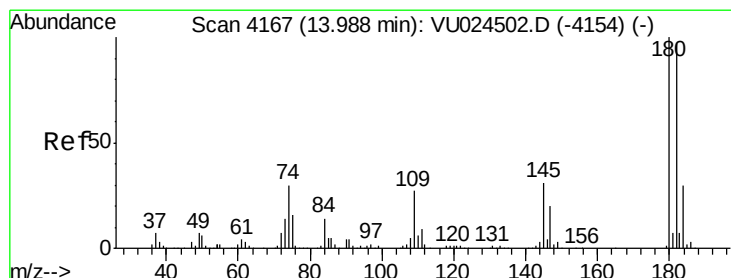
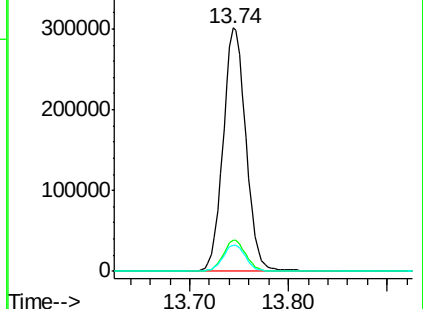
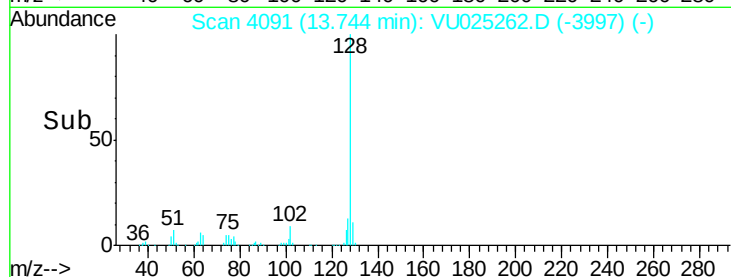
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.694 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025262.D

Acq: 07 Jul 2018 00:09

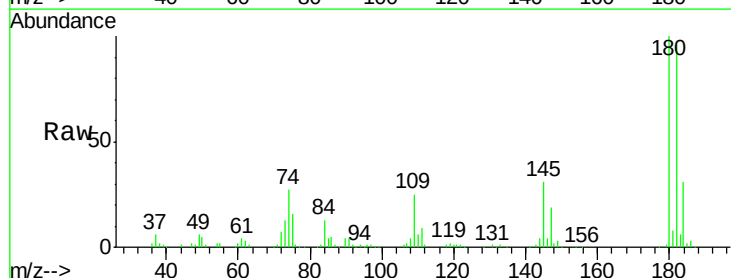
Tgt Ion:180 Resp: 151004

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.7 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

