

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062318\
 Data File : VU024863.D
 Acq On : 23 Jun 2018 03:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 04:47:34 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	169203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264752	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	120052	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.92%		
35) Dibromofluoromethane	4.89	113	96846	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.16%		
50) Toluene-d8	7.57	98	332774	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	83.04%		
62) 4-Bromofluorobenzene	10.31	95	133930	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.18%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	90909	42.92	ug/l	99
3) Chloromethane	1.33	50	88001	40.67	ug/l	98
4) Vinyl Chloride	1.40	62	99206	44.46	ug/l	97
5) Bromomethane	1.62	94	53931	50.00	ug/l	100
6) Chloroethane	1.70	64	66891	53.72	ug/l	99
7) Trichlorofluoromethane	1.89	101	164216	48.22	ug/l	98
8) Diethyl Ether	2.10	74	61352	53.06	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	94565	44.76	ug/l	97
10) Methyl Iodide	2.41	142	73940	42.27	ug/l	99
11) Tert butyl alcohol	2.83	59	135511	201.71	ug/l	99
12) 1,1-Dichloroethene	2.29	96	86785	45.04	ug/l	95
13) Acrolein	2.20	56	45028	127.64	ug/l	97
14) Allyl chloride	2.60	41	167386	46.79	ug/l	92
15) Acrylonitrile	2.94	53	295935	226.41	ug/l	99
16) Acetone	2.32	43	265552	178.92	ug/l	100
17) Carbon Disulfide	2.48	76	241489	39.14	ug/l	99
18) Methyl Acetate	2.62	43	160351	50.40	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	350262	48.36	ug/l	95
20) Methylene Chloride	2.71	84	103099	44.27	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	94705	44.63	ug/l	98
22) Diisopropyl ether	3.57	45	337056	47.53	ug/l	94
23) Vinyl Acetate	3.53	43	1447081	227.80	ug/l	99
24) 1,1-Dichloroethane	3.45	63	192756	47.25	ug/l	99
25) 2-Butanone	4.26	43	427958	214.67	ug/l	98
26) 2,2-Dichloropropane	4.23	77	147990	38.20	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	117655	48.23	ug/l	97
28) Bromochloromethane	4.55	49	82309	45.81	ug/l	84
29) Tetrahydrofuran	4.64	42	272585	220.80	ug/l	96
30) Chloroform	4.68	83	205132	49.68	ug/l	96
31) Cyclohexane	5.00	56	171844	47.33	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	185601	48.61	ug/l	96
36) 1,1-Dichloropropene	5.14	75	140861	45.28	ug/l	98
37) Ethyl Acetate	4.38	43	164639	48.55	ug/l	98
38) Carbon Tetrachloride	5.14	117	166814	48.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	171852	44.27	ug/l	95
40) Benzene	5.39	78	418490	47.21	ug/l	100
41) Methacrylonitrile	4.54	41	91180	49.87	ug/l	99
42) 1,2-Dichloroethane	5.41	62	172589	51.12	ug/l	99
43) Isopropyl Acetate	5.55	43	265233	45.25	ug/l	99
44) Trichloroethene	6.19	130	116029	45.99	ug/l	95
45) 1,2-Dichloropropane	6.44	63	112934	47.75	ug/l	99
46) Dibromomethane	6.56	93	80791	48.63	ug/l	94
47) Bromodichloromethane	6.76	83	158823	48.01	ug/l	99
48) Methyl methacrylate	6.63	41	132947	46.58	ug/l	98
49) 1,4-Dioxane	6.62	88	59473	1065.55	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	855782	232.41	ug/l	98
52) Toluene	7.64	92	272755	47.82	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	166036	44.69	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	176466	44.57	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	112318	48.45	ug/l	97
56) Ethyl methacrylate	8.02	69	182323	46.99	ug/l	98
57) 1,3-Dichloropropane	8.25	76	191904	49.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	279024	187.70	ug/l	96
59) 2-Hexanone	8.36	43	673517	224.04	ug/l	100
60) Dibromochloromethane	8.48	129	133137	46.05	ug/l	100
61) 1,2-Dibromoethane	8.59	107	122428	47.45	ug/l	98
64) Tetrachloroethene	8.23	164	113445	48.92	ug/l	99
65) Chlorobenzene	9.12	112	308879	49.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	117686	49.70	ug/l	99
67) Ethyl Benzene	9.25	91	535263	48.99	ug/l	99
68) m/p-Xylenes	9.38	106	415692	99.08	ug/l	97
69) o-Xylene	9.78	106	203907	49.11	ug/l	99
70) Styrene	9.80	104	339820	49.80	ug/l	98
71) Bromoform	9.96	173	105029	46.67	ug/l #	98
73) Isopropylbenzene	10.17	105	560360	48.69	ug/l	99
74) N-amyl acetate	10.01	43	246126	44.96	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	186522	48.37	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	210433	63.77	ug/l	83
77) Bromobenzene	10.45	156	143376	49.21	ug/l	94
78) n-propylbenzene	10.59	91	635701	46.89	ug/l	97
79) 2-Chlorotoluene	10.66	91	380458	47.59	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	483504	48.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	210433	147.58	ug/l #	100
82) 4-Chlorotoluene	10.78	91	444779	47.80	ug/l	100
83) tert-Butylbenzene	11.10	119	478831	49.90	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	492489	48.45	ug/l	100
85) sec-Butylbenzene	11.33	105	576643	48.01	ug/l	97
86) p-Isopropyltoluene	11.48	119	510212	47.43	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264199	49.08	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	262466	48.45	ug/l	99
89) n-Butylbenzene	11.89	91	428502	44.87	ug/l	97
90) Hexachloroethane	12.15	117	89157	42.49	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	273519	50.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51756	48.64	ug/l	96

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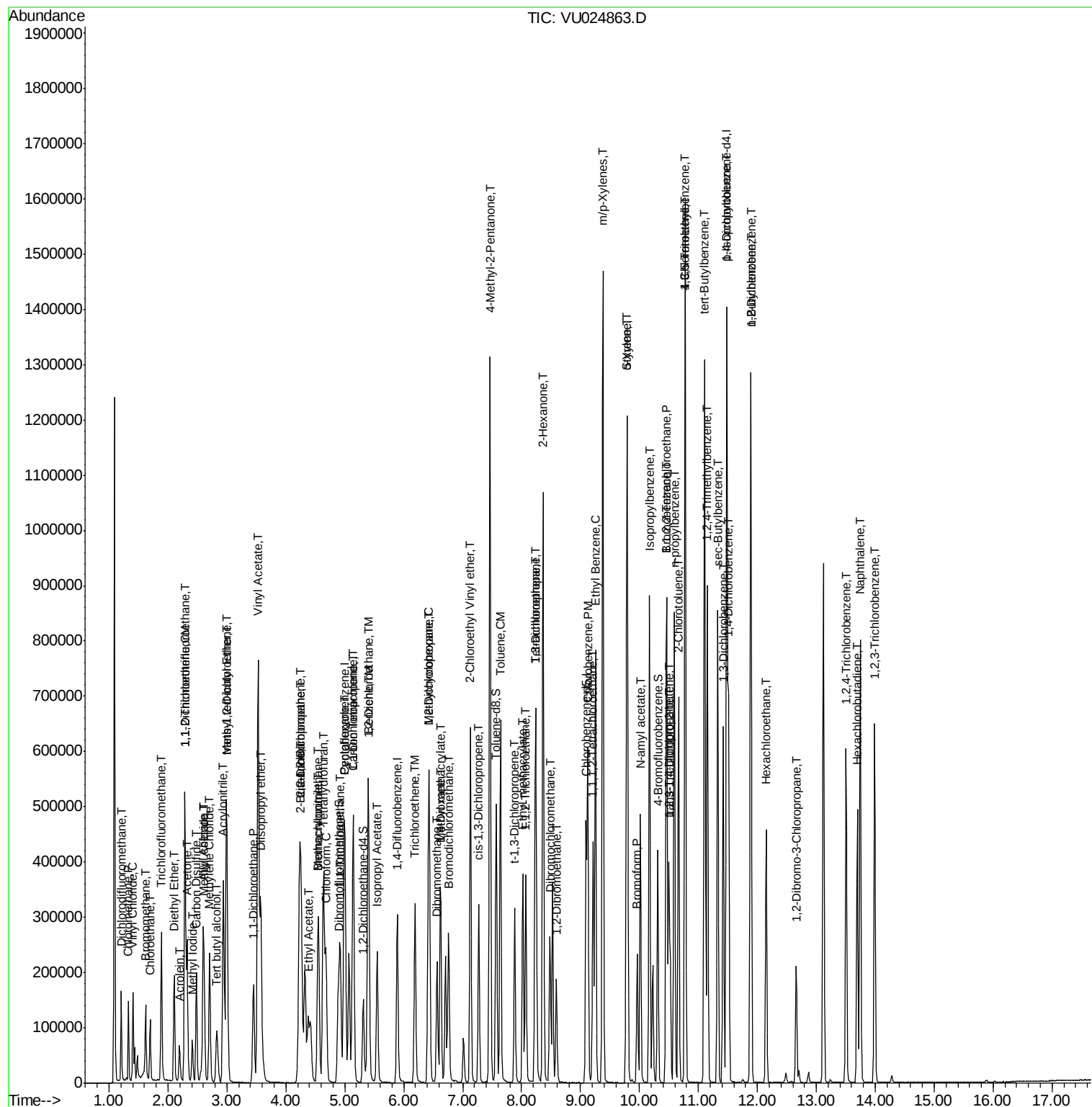
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	185347	55.67	ug/l	99
94) Hexachlorobutadiene	13.70	225	91020	48.57	ug/l	98
95) Naphthalene	13.74	128	618720	56.05	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	197512	59.54	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

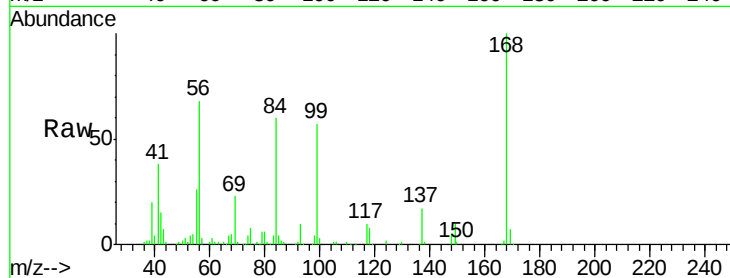
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 169203

Ion Ratio Lower Upper

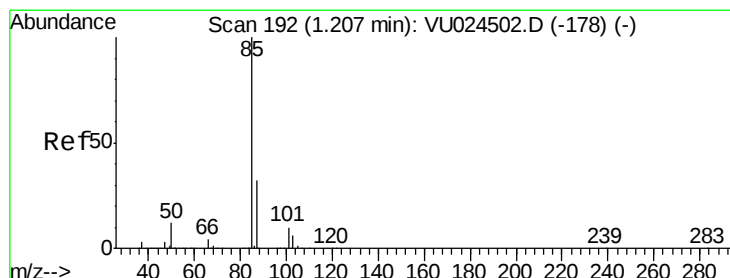
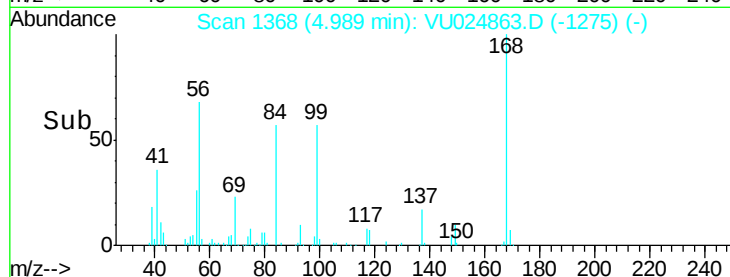
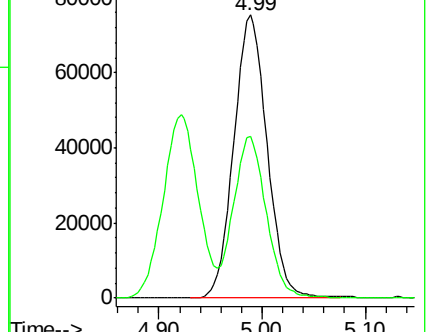
168 100

99 56.8 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: 42.92 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024863.D

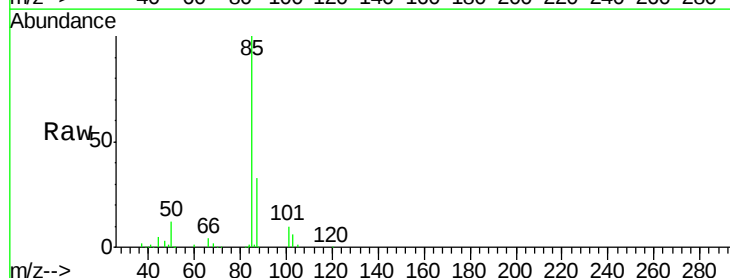
Acq: 23 Jun 2018 03:54

Tgt Ion: 85 Resp: 90909

Ion Ratio Lower Upper

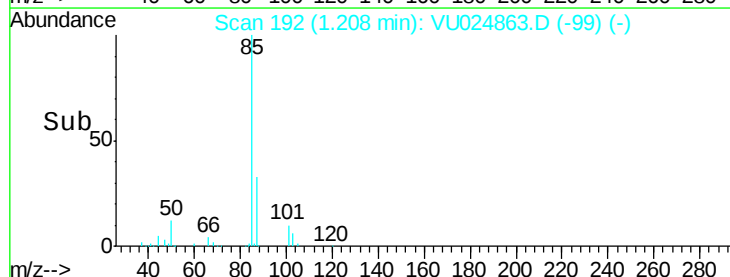
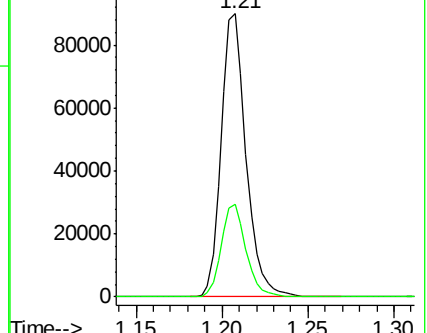
85 100

87 32.6 16.1 48.2



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

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

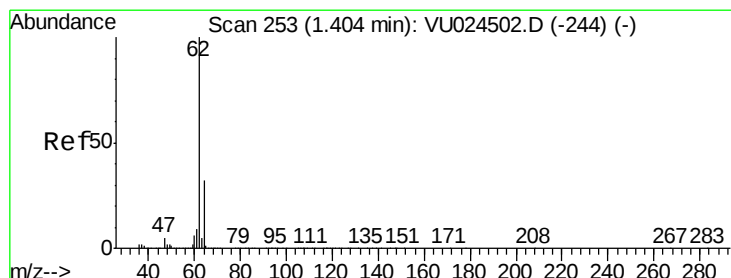
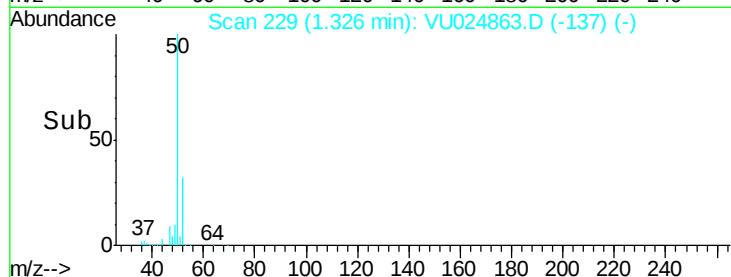
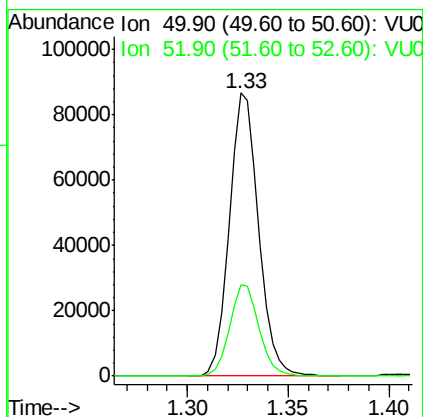
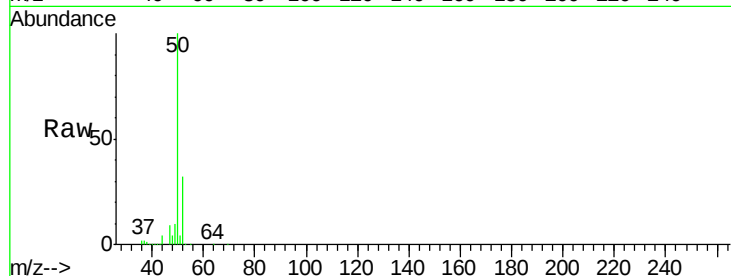




#3
Chloromethane
Concen: 40.67 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

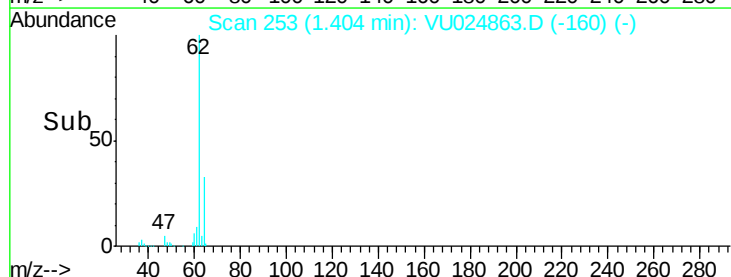
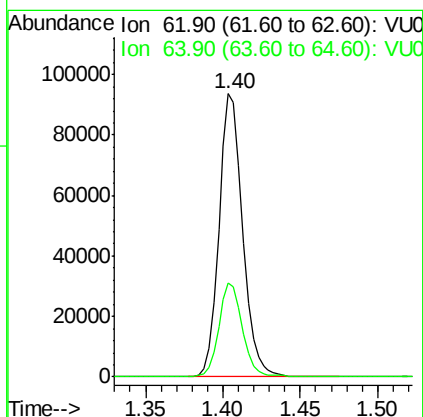
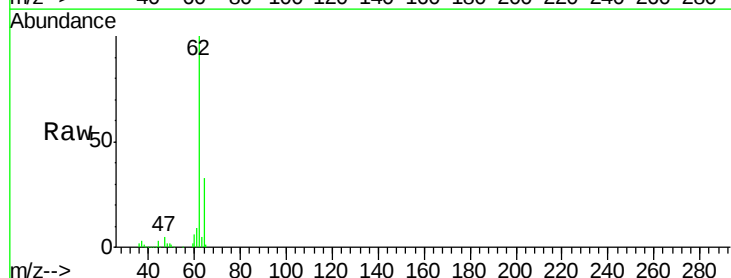
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 88001
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6



#4
Vinyl Chloride
Concen: 44.46 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 62 Resp: 99206
Ion Ratio Lower Upper
62 100
64 32.9 24.8 37.2





#5

Bromomethane

Concen: 50.00 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

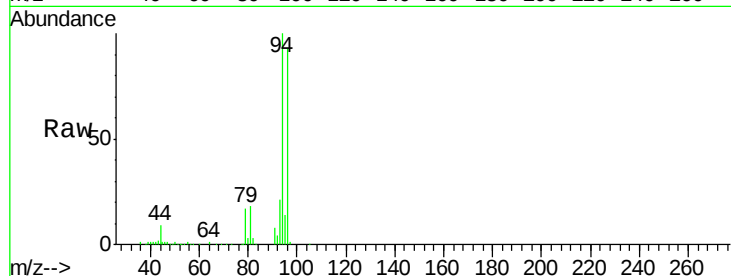
ClientSampleId :

Tot Ion: 94 Resp: 53931

Ion Ratio Lower Upper

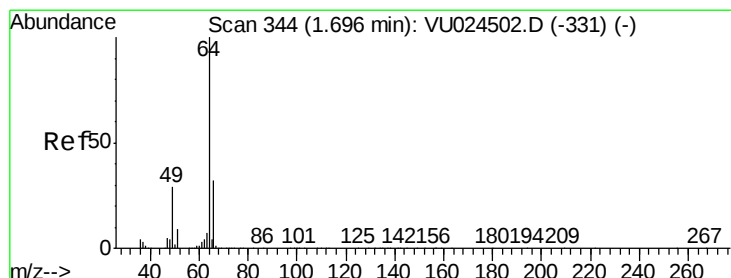
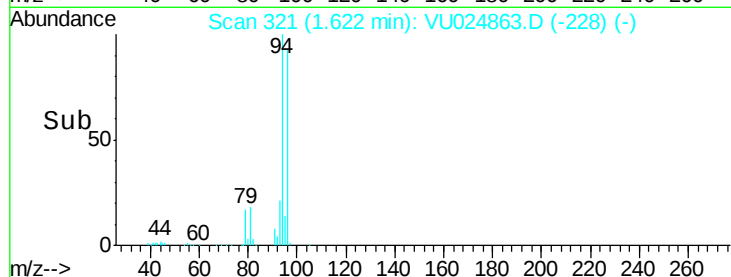
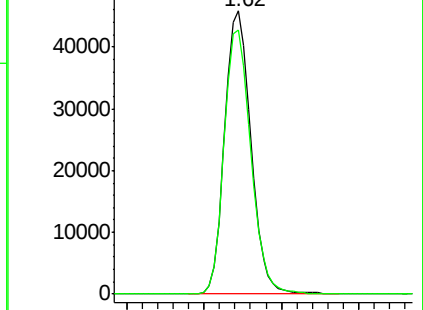
94 100

96 93.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU024863.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VU024863.D (-228) (-)



#6

Chloroethane

Concen: 53.72 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024863.D

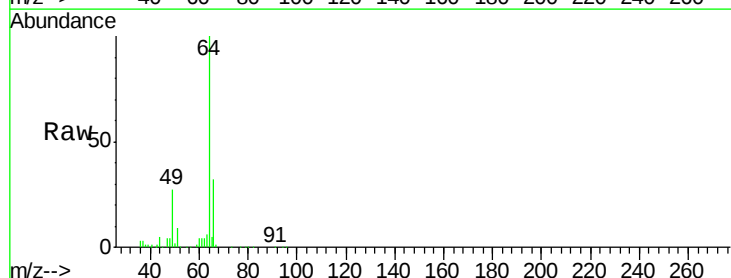
Acq: 23 Jun 2018 03:54

Tgt Ion: 64 Resp: 66891

Ion Ratio Lower Upper

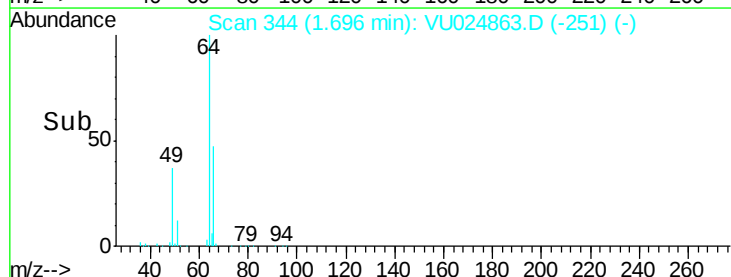
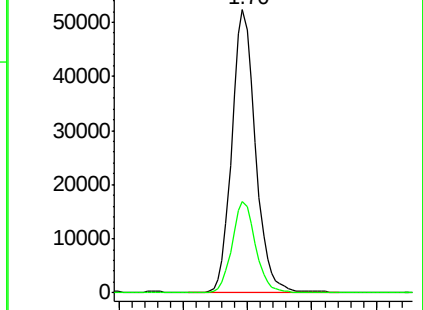
64 100

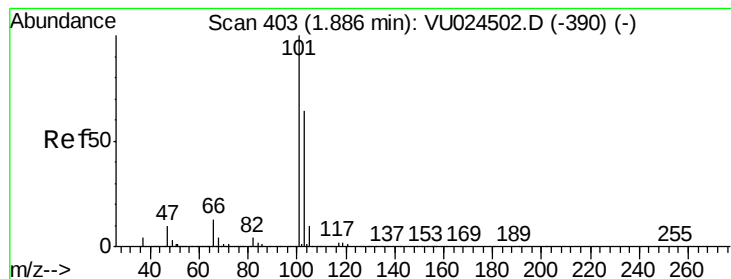
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU024863.D (-251) (-)

Ion 65.90 (65.60 to 66.60): VU024863.D (-251) (-)





#7

Trichlorofluoromethane

Concen: 48.22 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

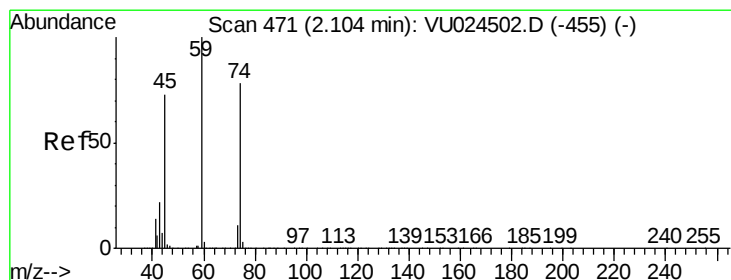
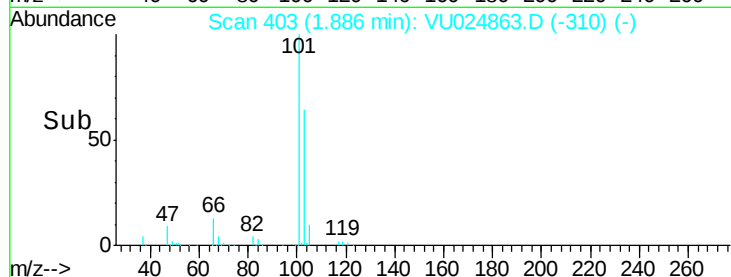
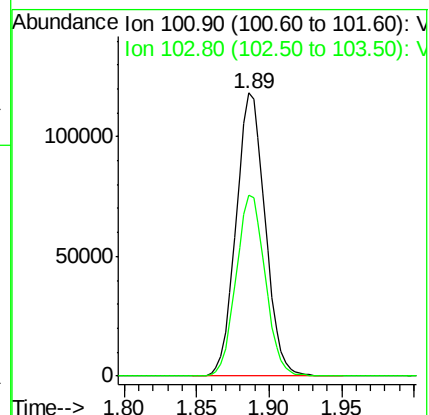
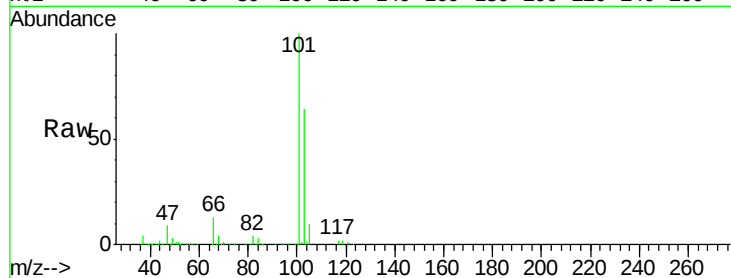
ClientSampled :

Tot Ion:101 Resp: 164216

Ion Ratio Lower Upper

101 100

103 63.9 52.3 78.5



#8

Diethyl Ether

Concen: 53.06 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024863.D

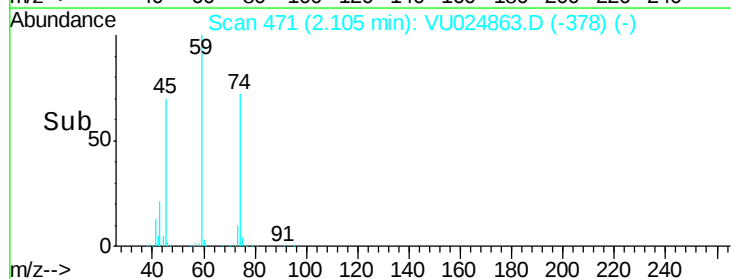
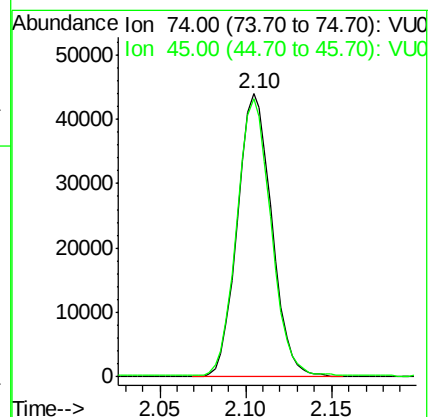
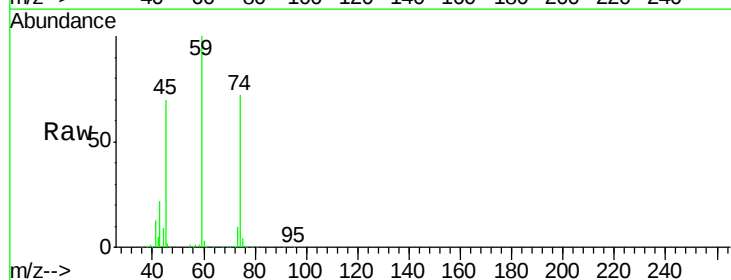
Acq: 23 Jun 2018 03:54

Tgt Ion: 74 Resp: 61352

Ion Ratio Lower Upper

74 100

45 97.5 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.76 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024863.D

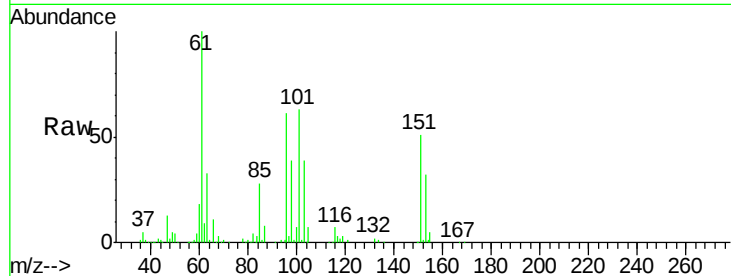
Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

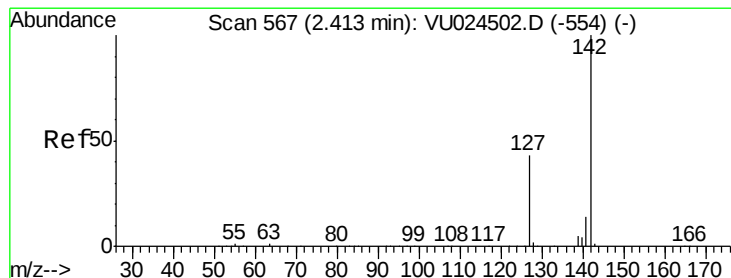
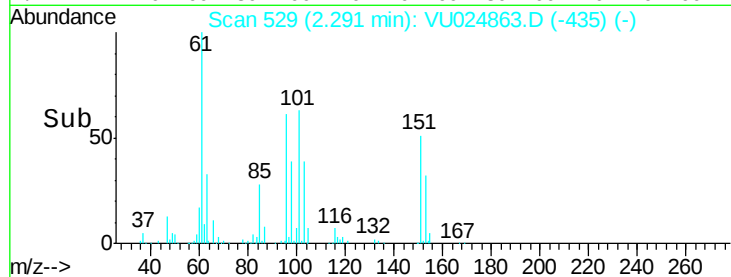
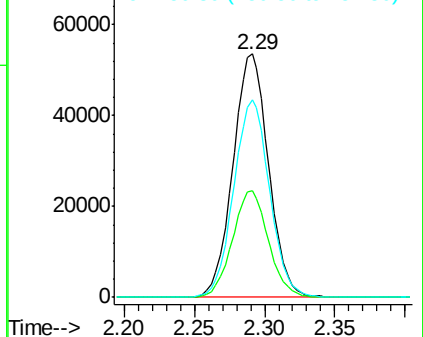
Tot Ion:	101	Resp:	94565
Ion	Ratio	Lower	Upper
101	100		
85	44.2	36.0	54.0
151	81.9	62.3	93.5



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: 42.27 ug/l

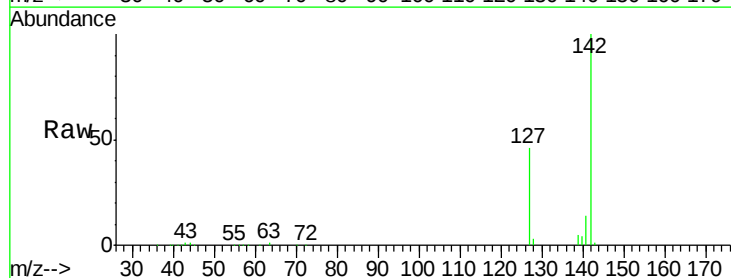
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

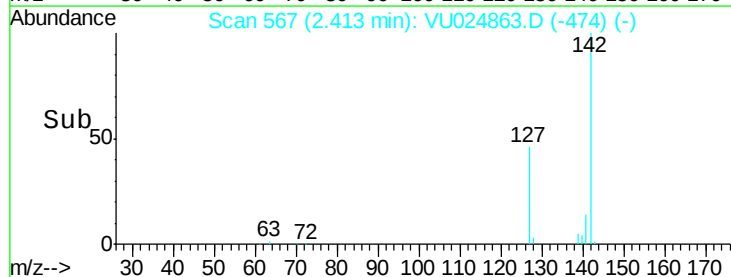
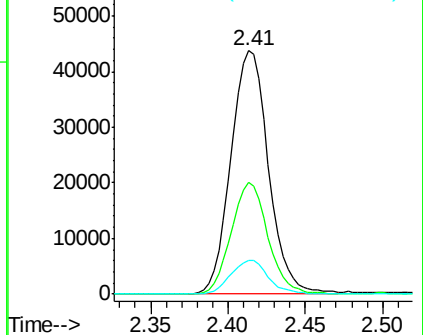
Tgt Ion:	142	Resp:	73940
Ion	Ratio	Lower	Upper
142	100		
127	44.9	35.6	53.4
141	13.9	11.7	17.5

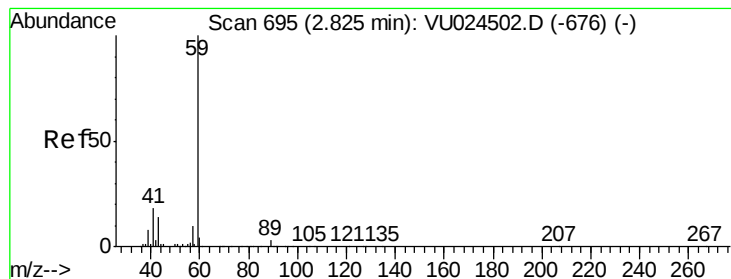


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



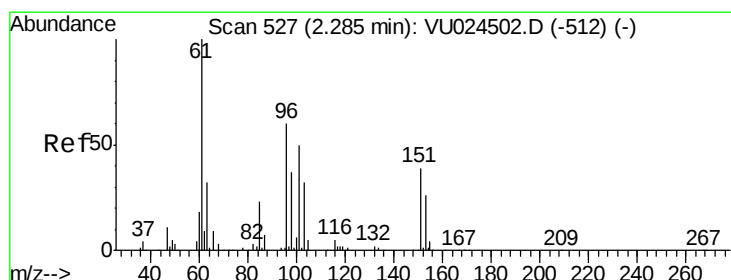
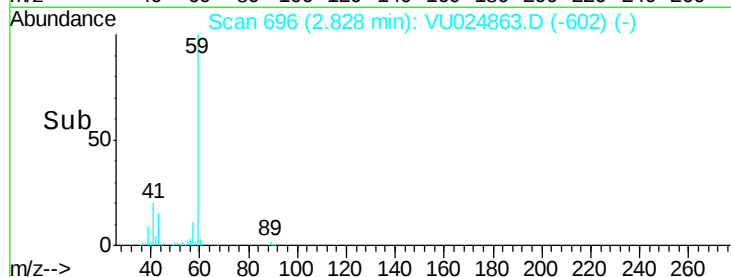
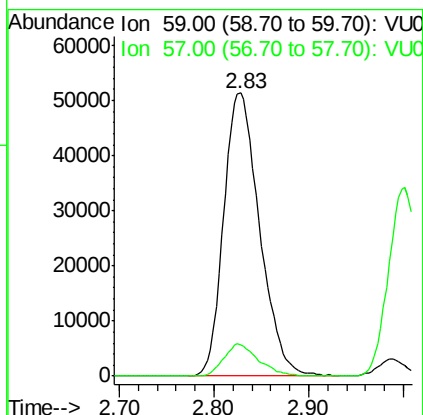
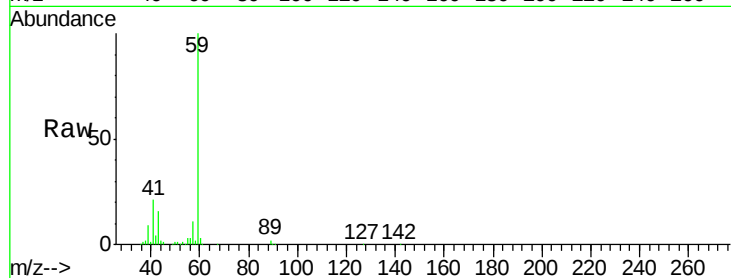


#11

Tert butyl alcohol
 Concen: 201.71 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Instrument :
 MSVOA_U
 ClientSampled :

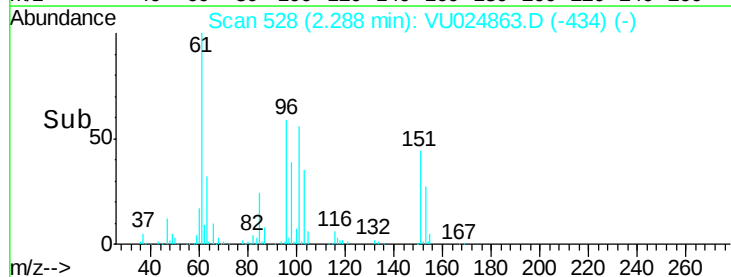
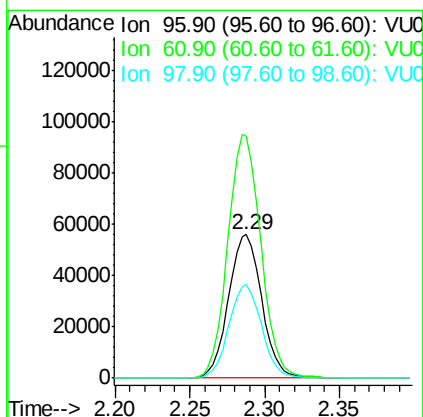
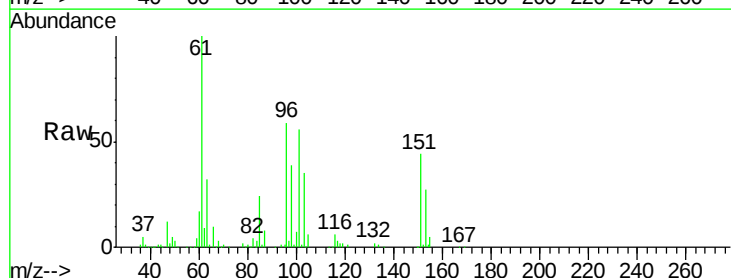
Tot Ion: 59 Resp: 13511
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

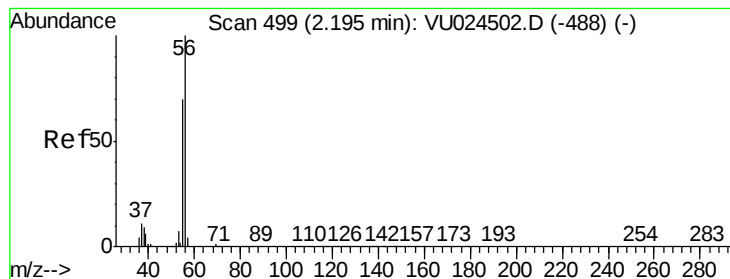


#12

1,1-Dichloroethene
 Concen: 45.04 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion: 96 Resp: 86785
 Ion Ratio Lower Upper
 96 100
 61 169.0 141.7 212.5
 98 65.4 51.6 77.4





#13

Acrolein

Concen: 127.64 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

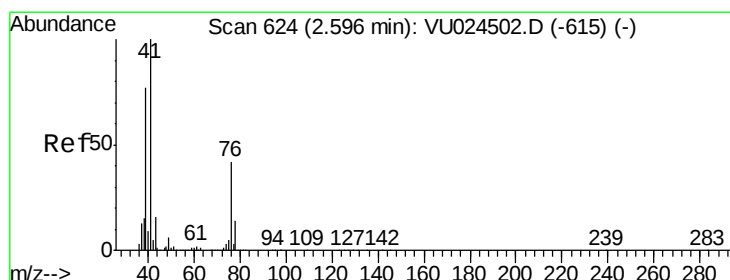
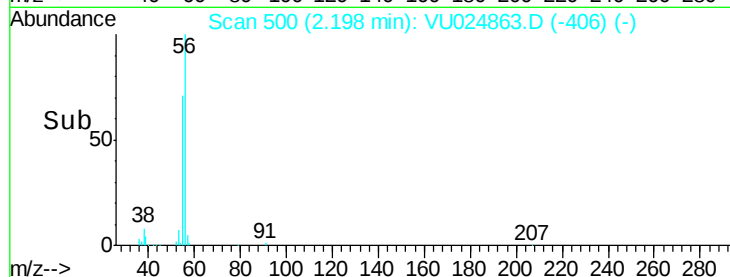
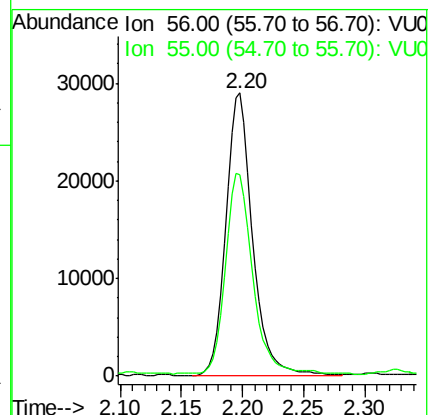
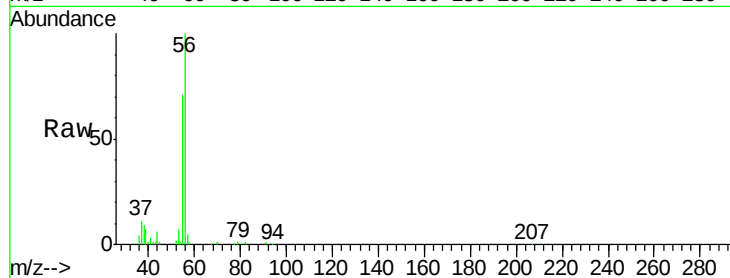
ClientSampleId :

Tot Ion: 56 Resp: 45028

Ion Ratio Lower Upper

56 100

55 70.5 58.4 87.6



#14

Allyl chloride

Concen: 46.79 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

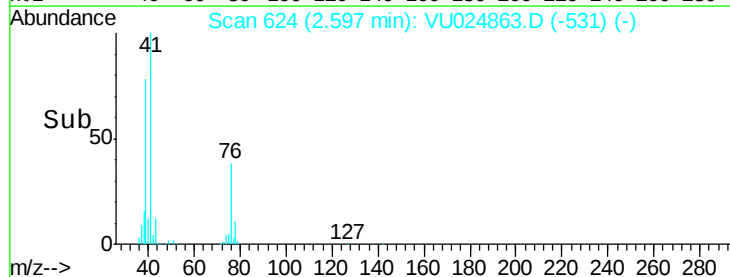
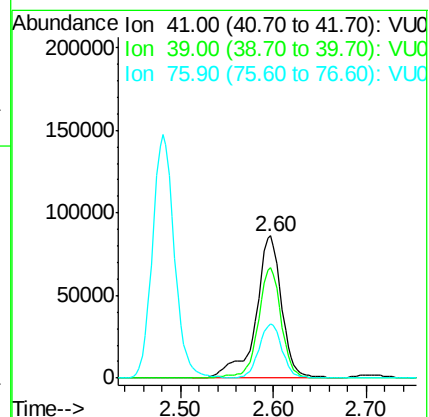
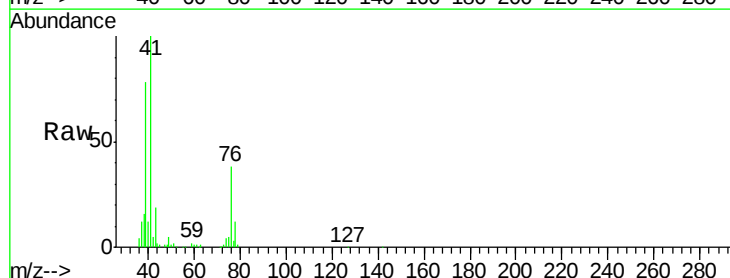
Tgt Ion: 41 Resp: 167386

Ion Ratio Lower Upper

41 100

39 69.0 61.6 92.4

76 33.5 29.7 44.5





#15

Acrylonitrile

Concen: 226.41 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

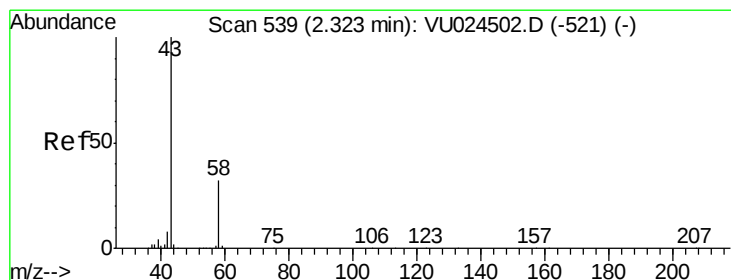
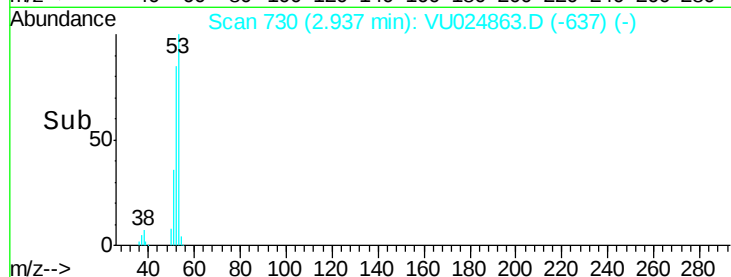
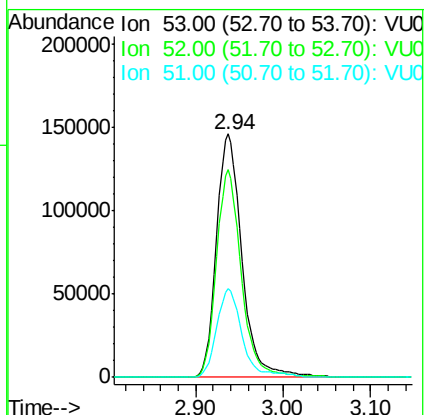
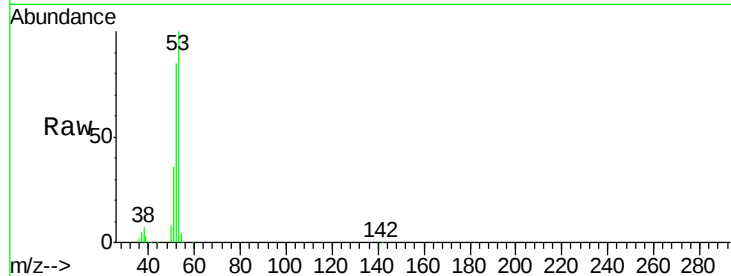
Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 53 Resp: 295935

Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.1	100.7
51	36.9	28.4	42.6



#16

Acetone

Concen: 178.92 ug/l

RT: 2.32 min Scan# 539

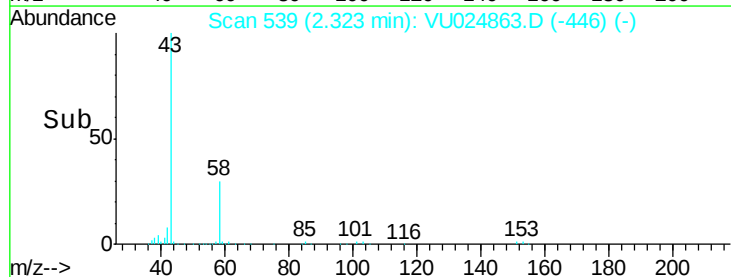
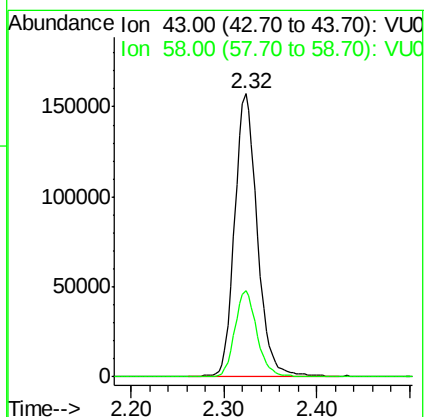
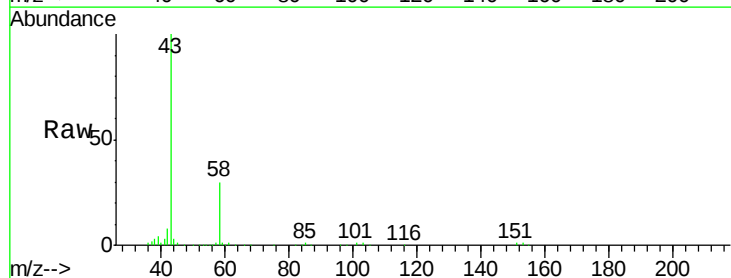
Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Tgt Ion: 43 Resp: 265552

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.4	36.6





#17

Carbon Disulfide

Concen: 39.14 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

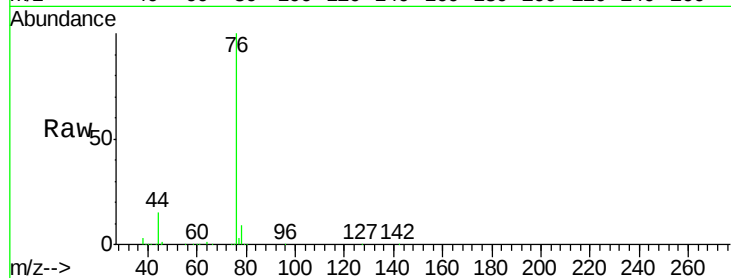
ClientSampleId :

Tot Ion: 76 Resp: 241489

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

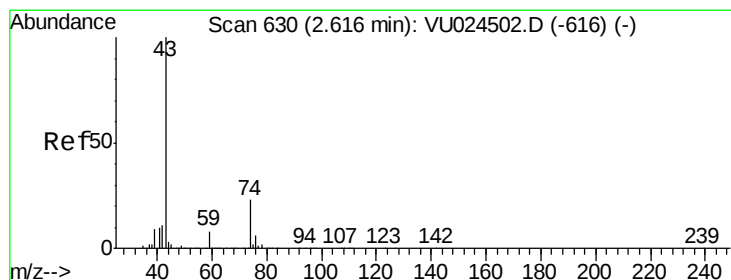
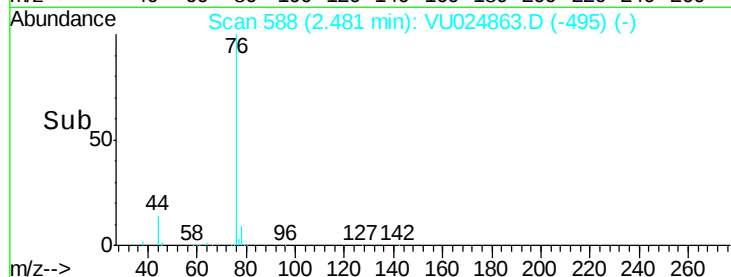
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.40 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024863.D

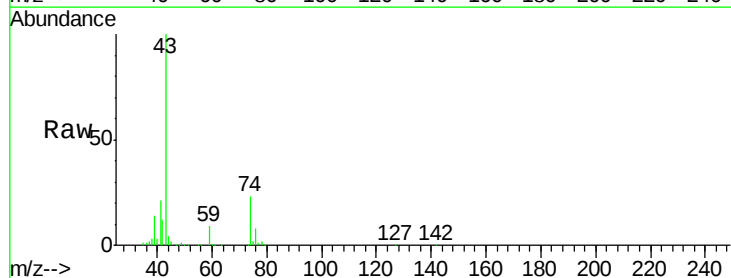
Acq: 23 Jun 2018 03:54

Tgt Ion: 43 Resp: 160351

Ion Ratio Lower Upper

43 100

74 22.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

100000

80000

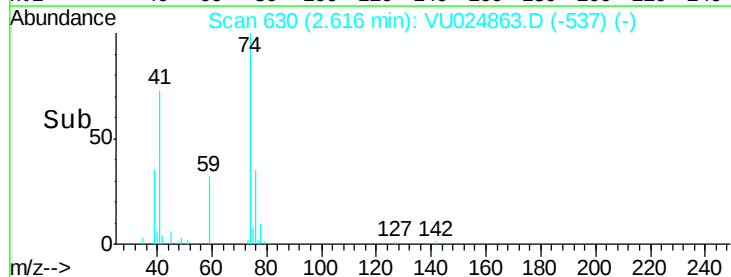
60000

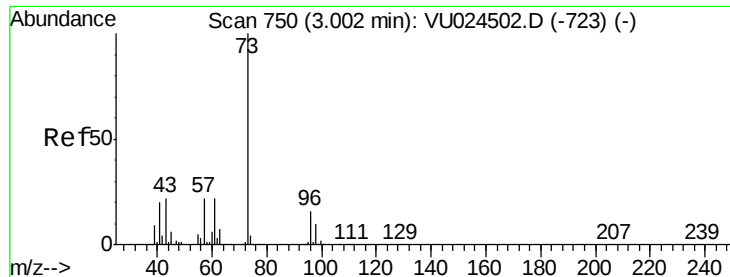
40000

20000

0

Time-->



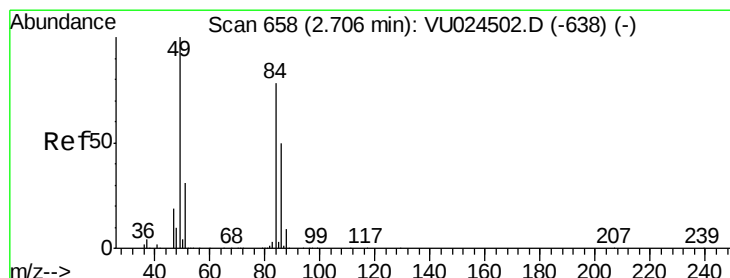
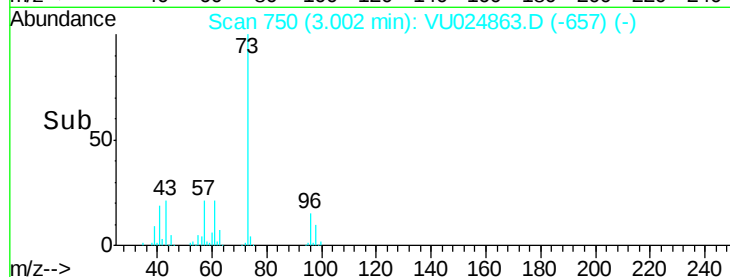
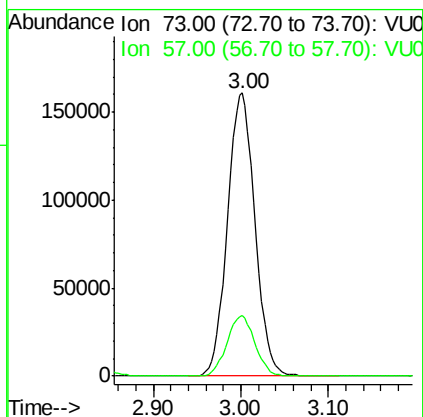
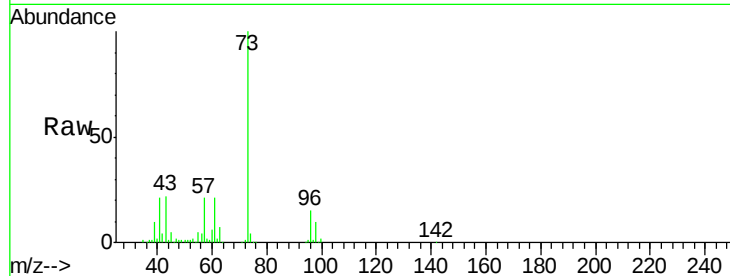


#19

Methyl tert-butyl Ether
 Concen: 48.36 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Instrument :
 MSVOA_U
 ClientSampleId :

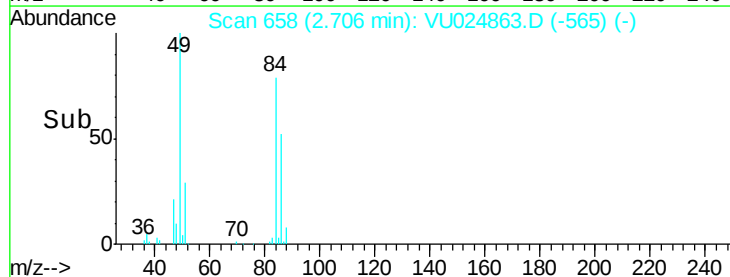
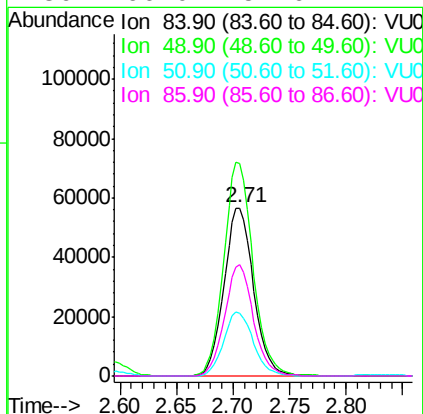
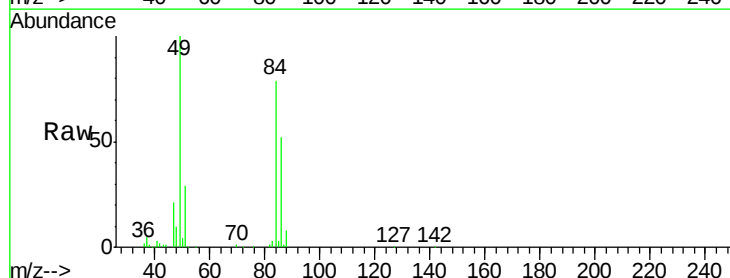
Tot Ion: 73 Resp: 350262
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.8 28.2



#20

Methylene Chloride
 Concen: 44.27 ug/l
 RT: 2.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion: 84 Resp: 103099
 Ion Ratio Lower Upper
 84 100
 49 126.5 103.8 155.8
 51 37.1 32.0 48.0
 86 66.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 44.63 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

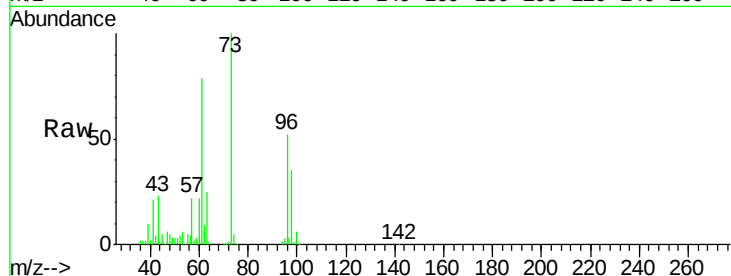
Tot Ion: 96 Resp: 94705

Ion Ratio Lower Upper

96 100

61 151.1 119.4 179.0

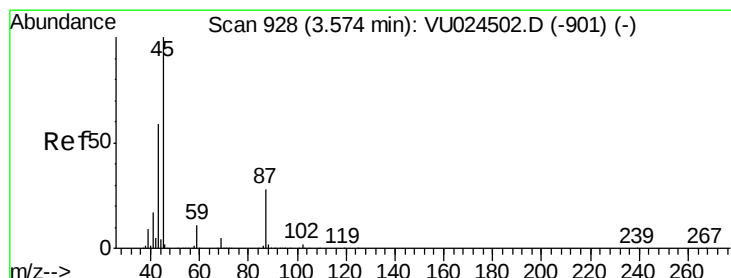
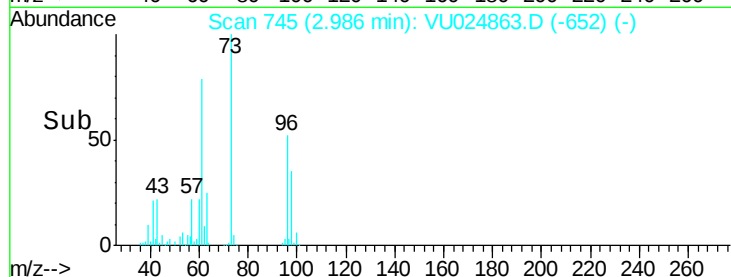
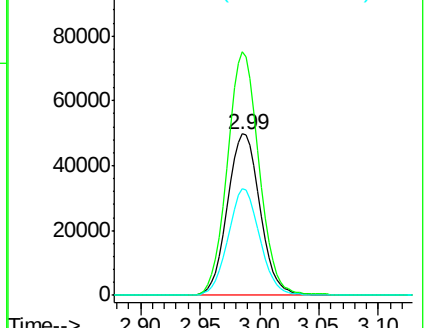
98 66.3 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024863.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024863.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024863.D (-652) (-)



#22

Diisopropyl ether

Concen: 47.53 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Tgt Ion: 45 Resp: 337056

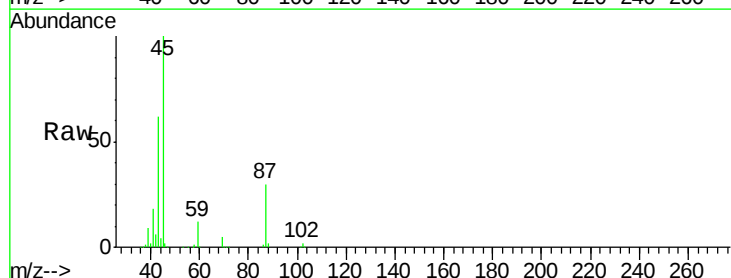
Ion Ratio Lower Upper

45 100

43 61.0 45.8 68.6

87 30.2 20.6 31.0

59 11.8 9.4 14.0

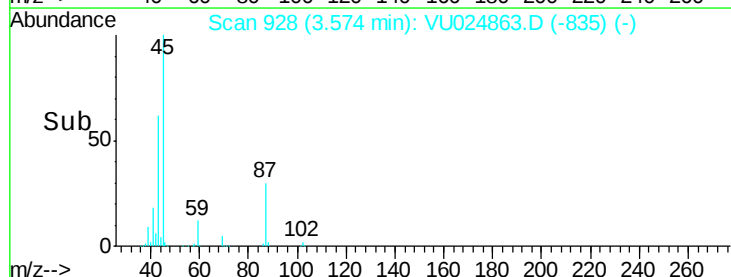
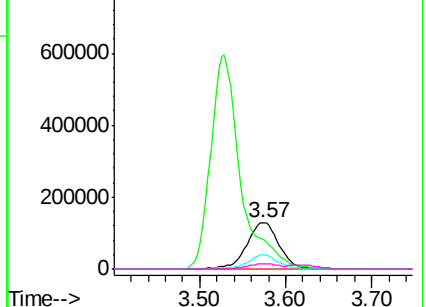


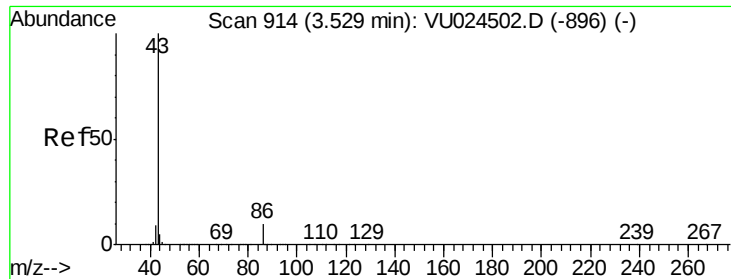
Abundance Ion 45.00 (44.70 to 45.70): VU024863.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024863.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024863.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024863.D (-835) (-)

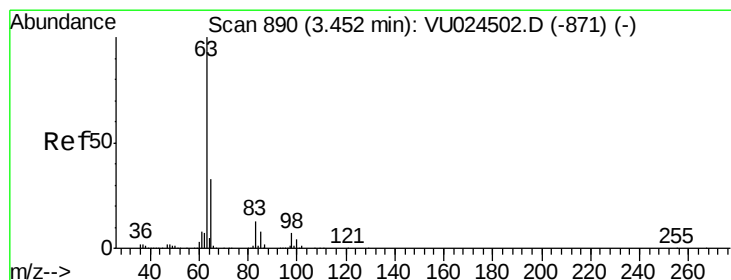
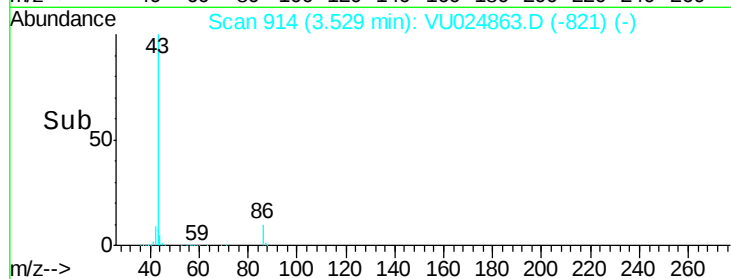
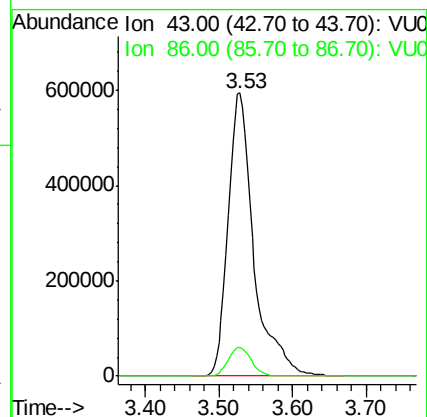
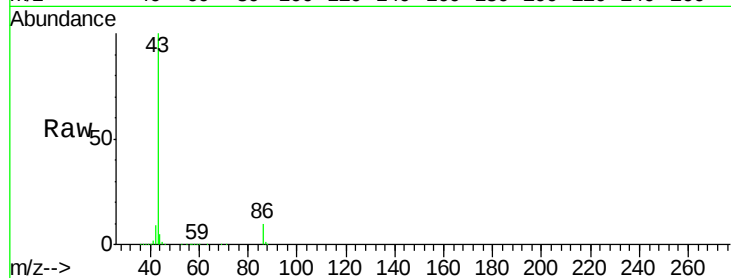




#23
 Vinyl Acetate
 Concen: 227.80 ug/l
 RT: 3.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

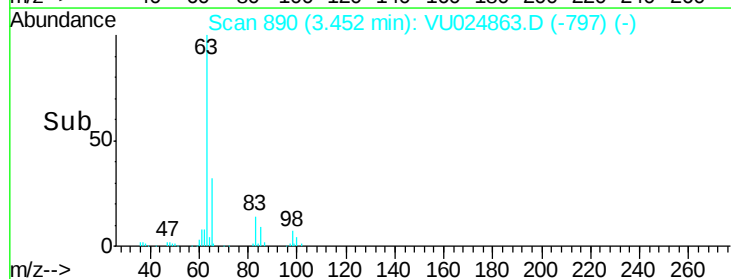
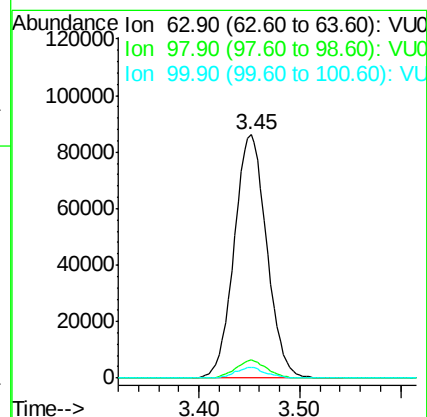
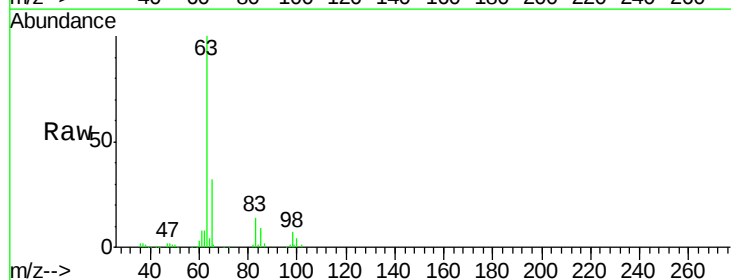
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 1447081
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.25 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion: 63 Resp: 192756
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.3 1.8 5.5

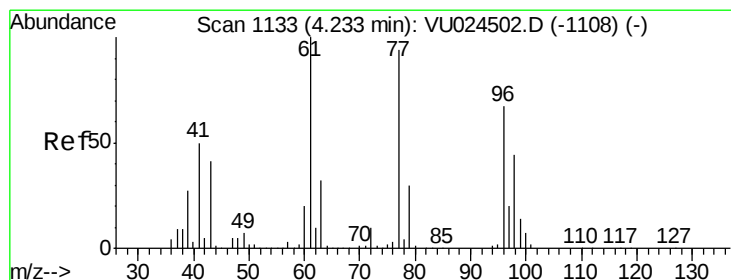
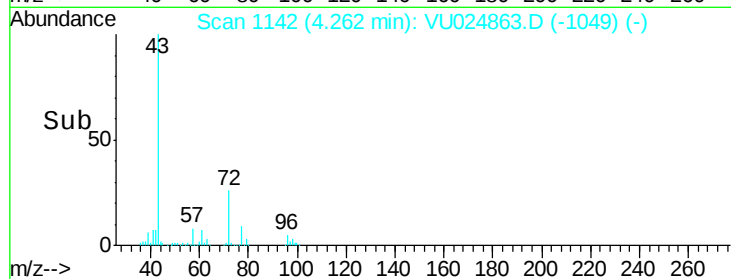
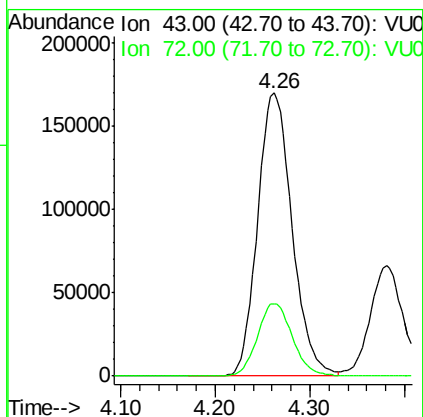
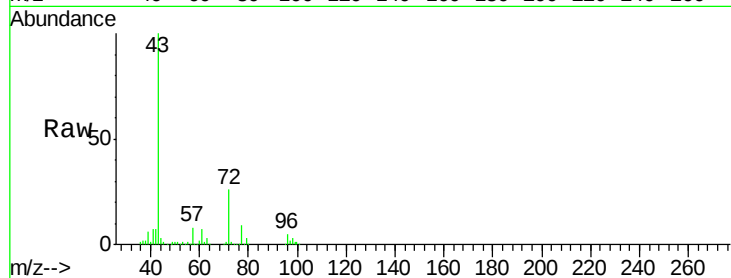




#25
2-Butanone
Concen: 214.67 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

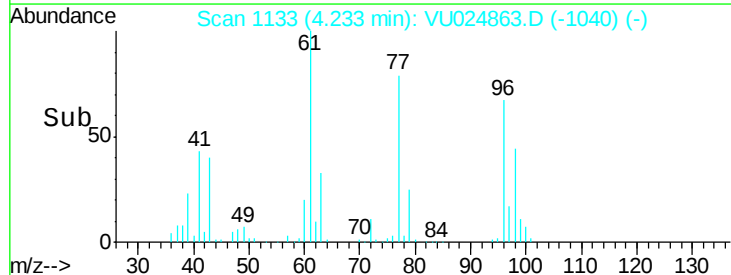
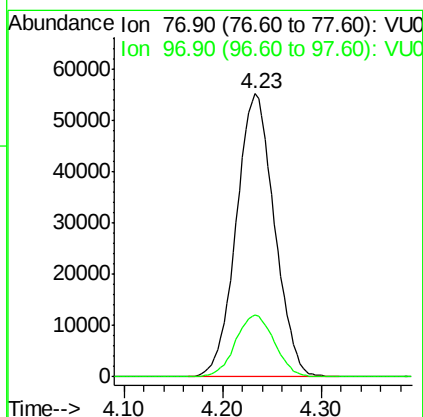
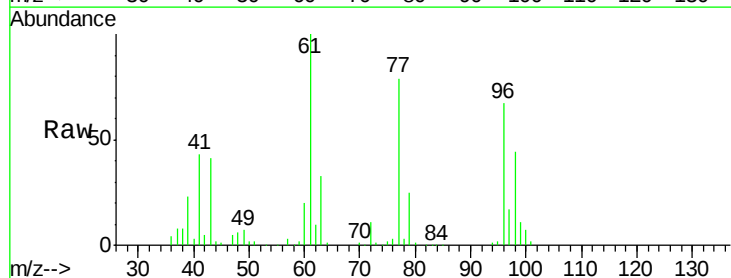
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 427958
Ion Ratio Lower Upper
43 100
72 25.7 19.6 29.4



#26
2,2-Dichloropropane
Concen: 38.20 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 77 Resp: 147990
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.23 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

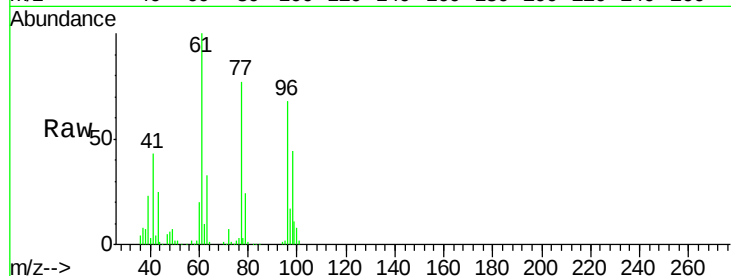
Tot Ion: 96 Resp: 117655

Ion Ratio Lower Upper

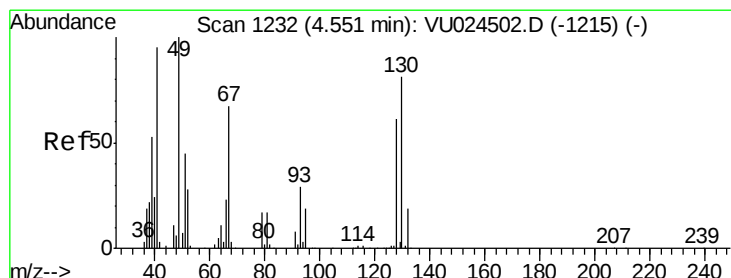
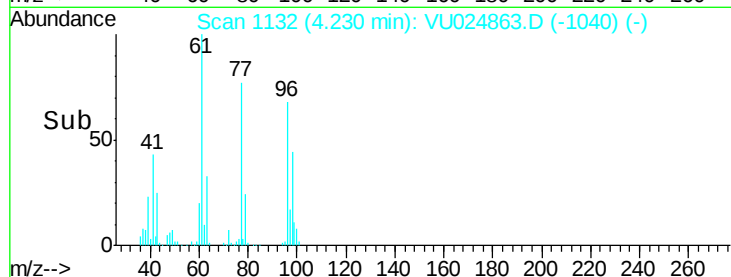
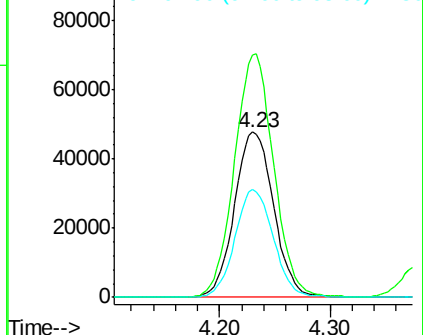
96 100

61 147.7 0.0 306.6

98 64.0 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 45.81 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

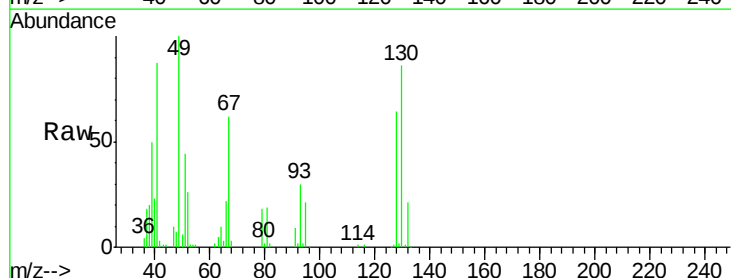
Tgt Ion: 49 Resp: 82309

Ion Ratio Lower Upper

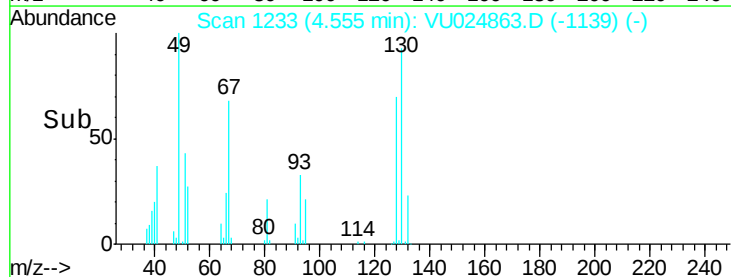
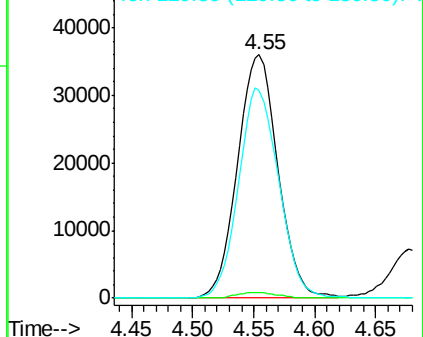
49 100

129 2.2 0.0 3.8

130 86.2 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 220.80 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampled :

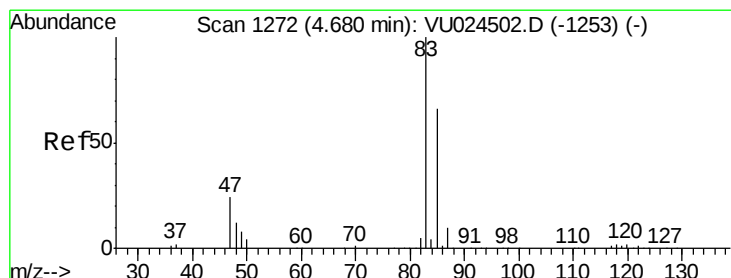
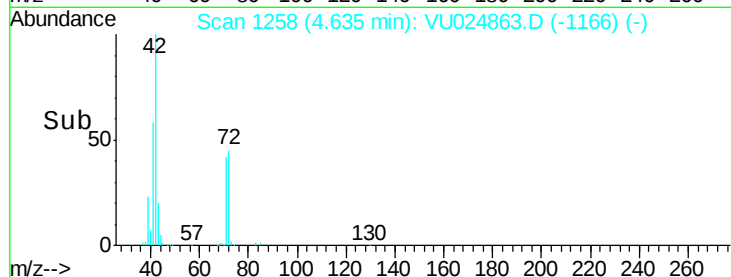
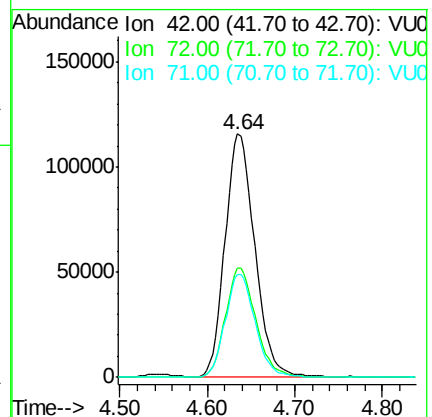
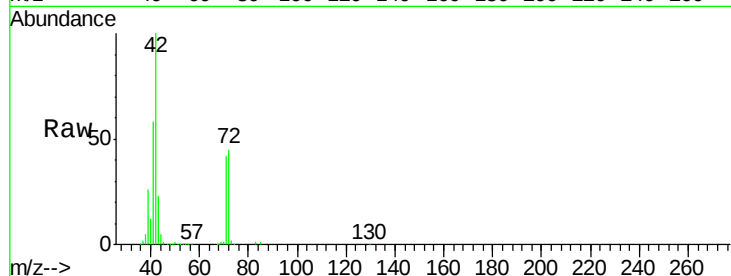
Tot Ion: 42 Resp: 272585

Ion Ratio Lower Upper

42 100

72 46.0 34.5 51.7

71 42.8 32.2 48.4



#30

Chloroform

Concen: 49.68 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU024863.D

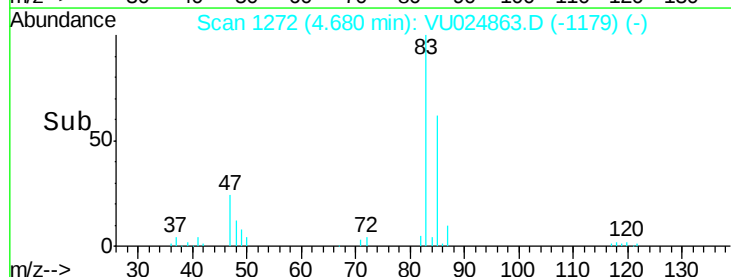
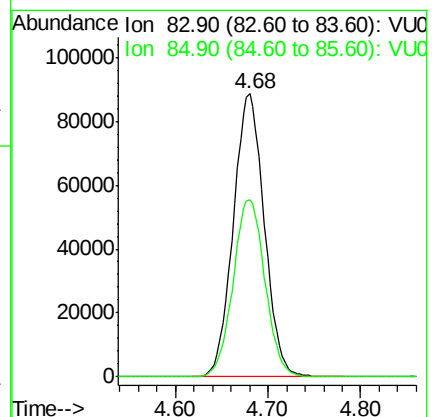
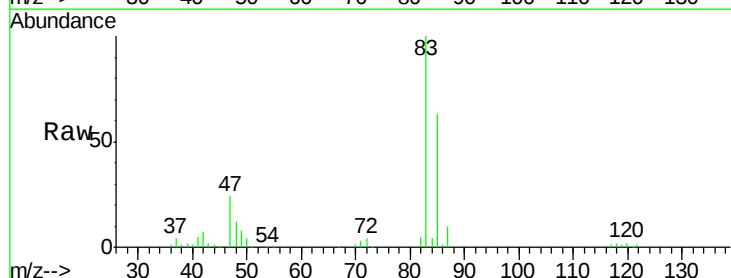
Acq: 23 Jun 2018 03:54

Tgt Ion: 83 Resp: 205132

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6





#31

Cyclohexane

Concen: 47.33 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampled :

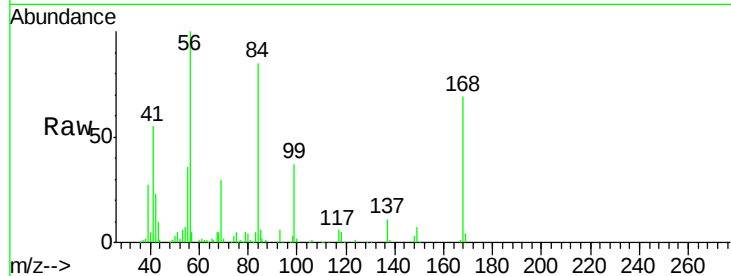
Tot Ion: 56 Resp: 171844

Ion Ratio Lower Upper

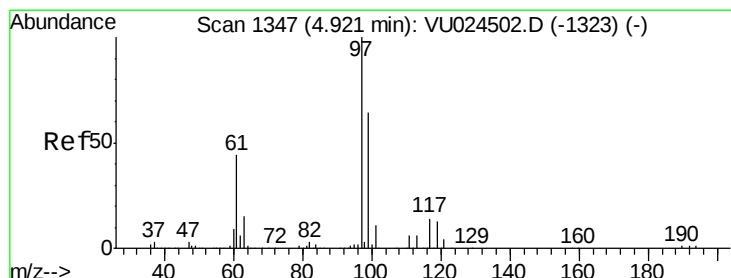
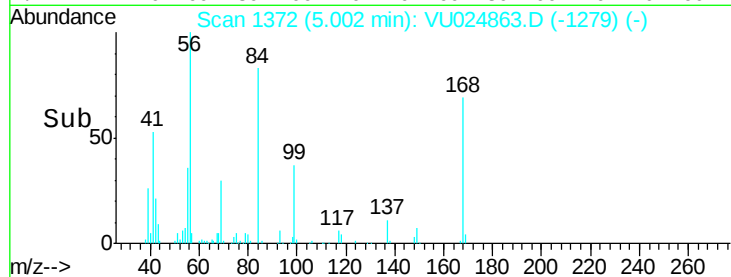
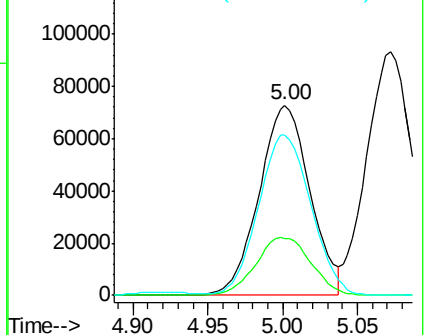
56 100

69 30.1 24.8 37.2

84 83.6 65.2 97.8



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 48.61 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

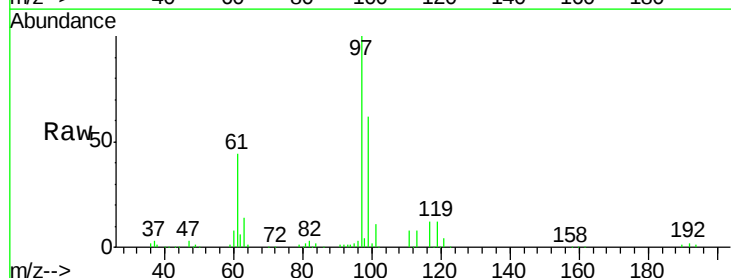
Tgt Ion: 97 Resp: 185601

Ion Ratio Lower Upper

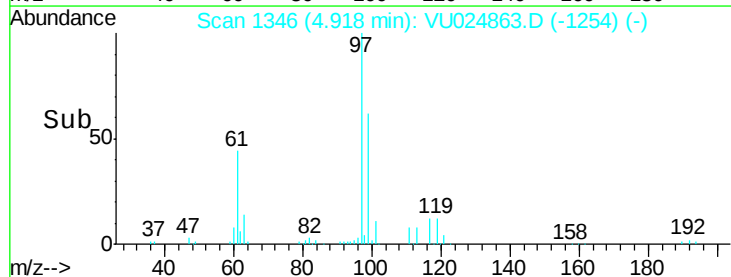
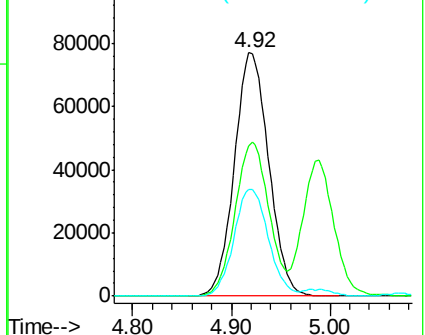
97 100

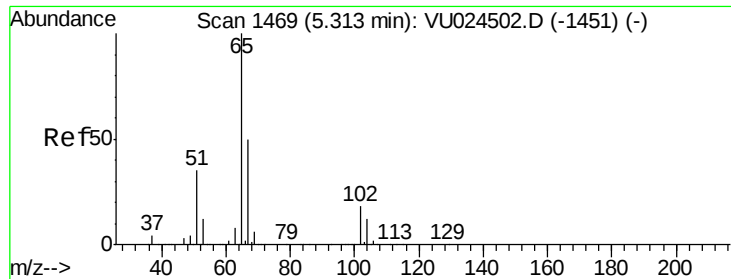
99 62.9 51.0 76.6

61 44.3 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

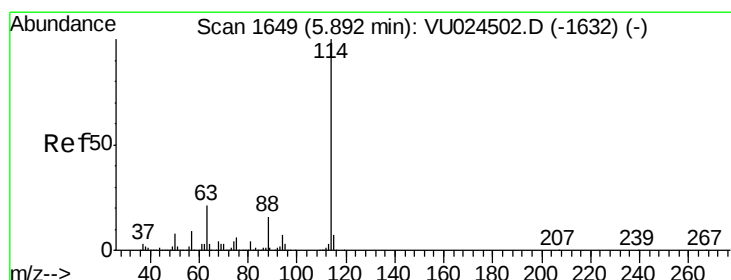
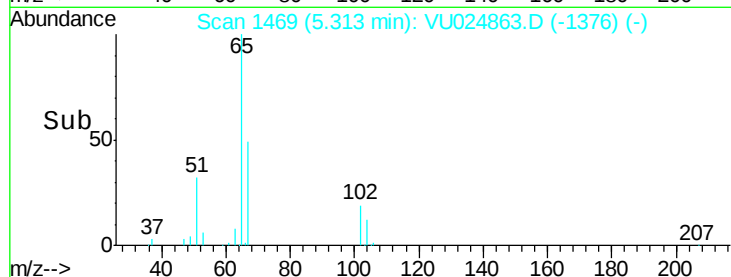
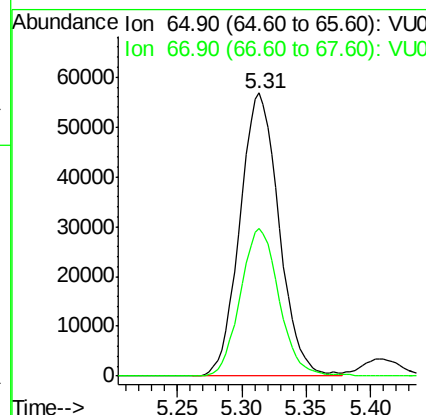
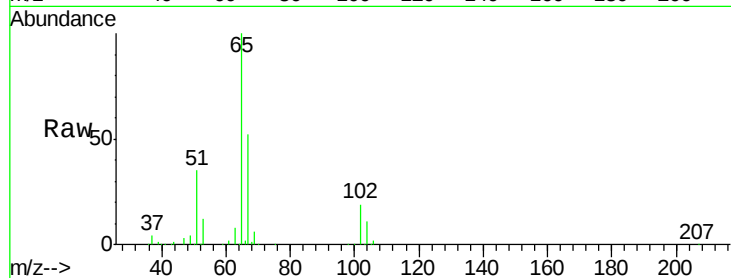




#33
 1,2-Dichloroethane-d4
 Concen: 43.46 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

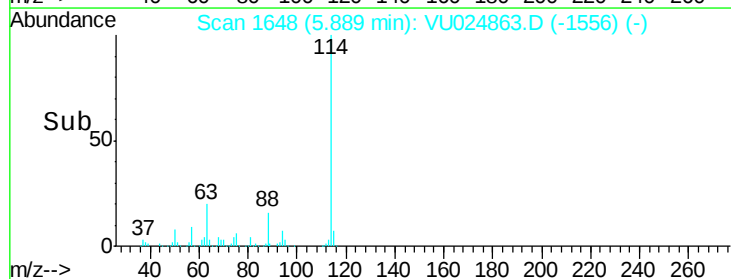
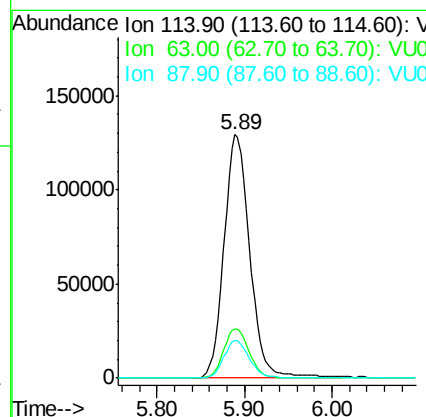
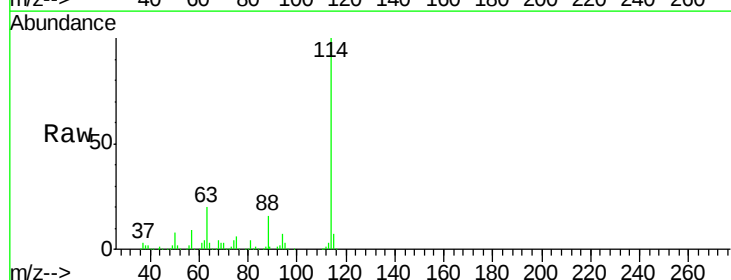
Instrument :
 MSVOA_U
 ClientSampleId :

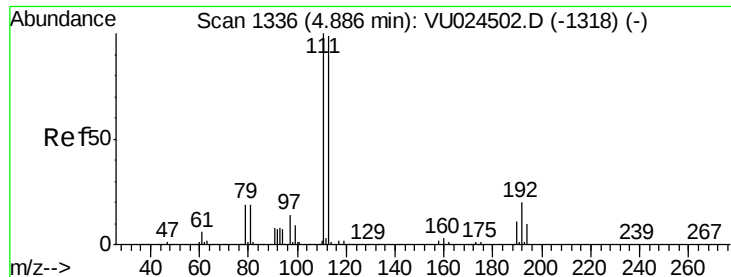
Tot Ion: 65 Resp: 120052
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion: 114 Resp: 264752
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.4
 88 15.6 0.0 31.0

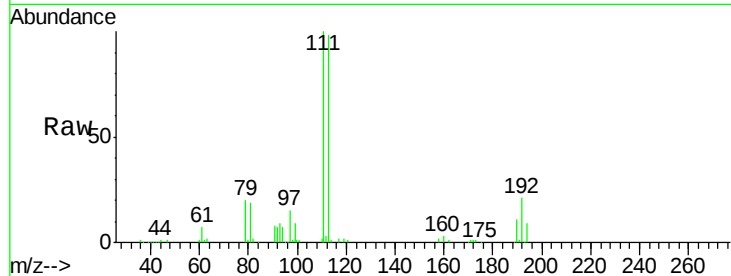




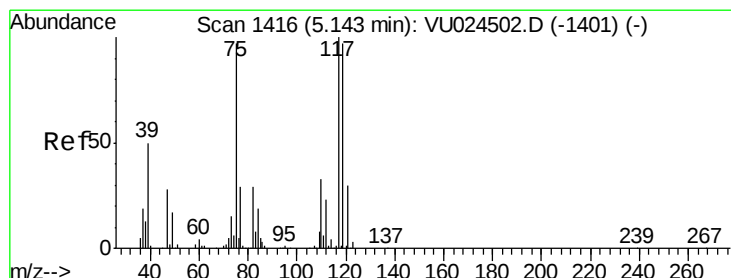
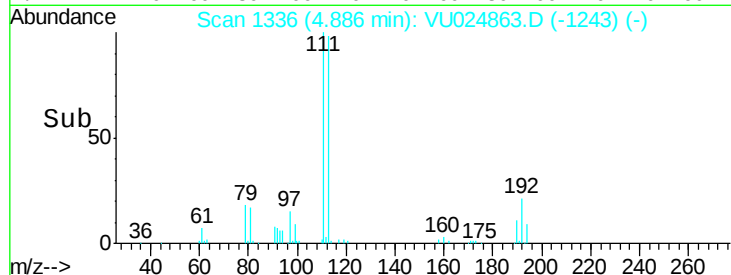
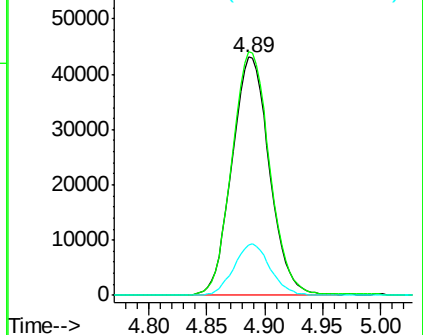
#35
 Dibromofluoromethane
 Concen: 44.08 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	20.7	16.2	24.4

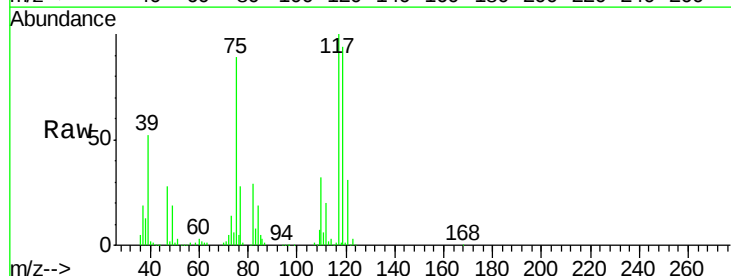


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

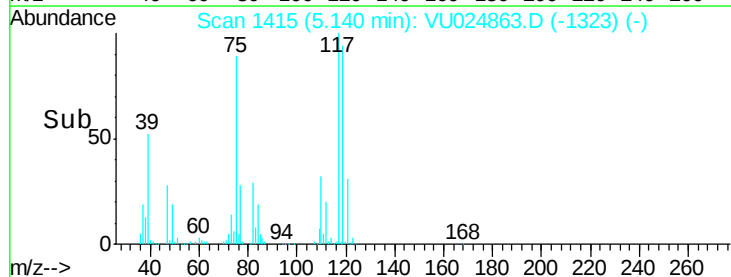
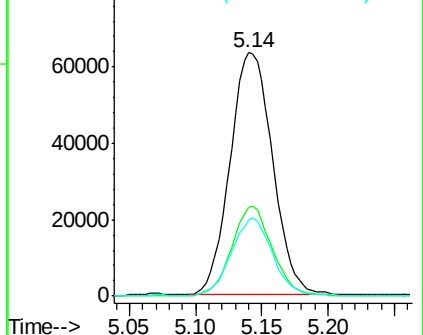


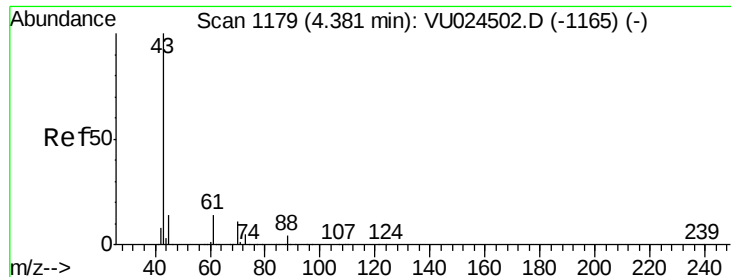
#36
 1,1-Dichloropropene
 Concen: 45.28 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.0	50.9
77	30.6	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

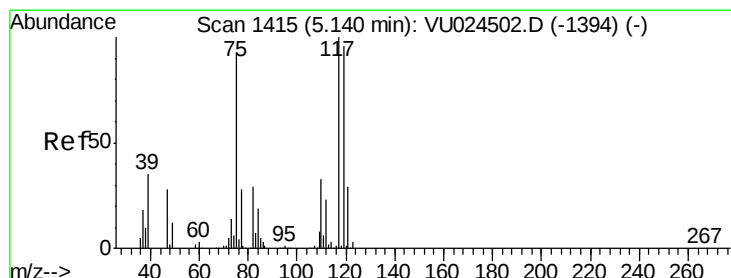
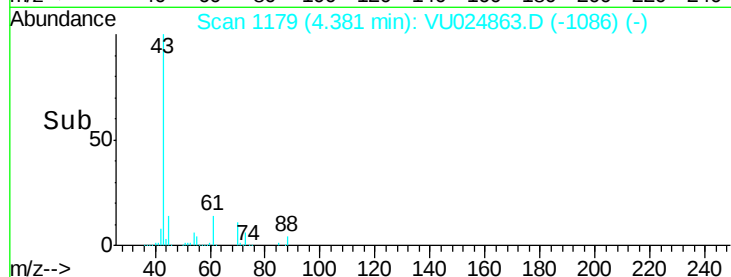
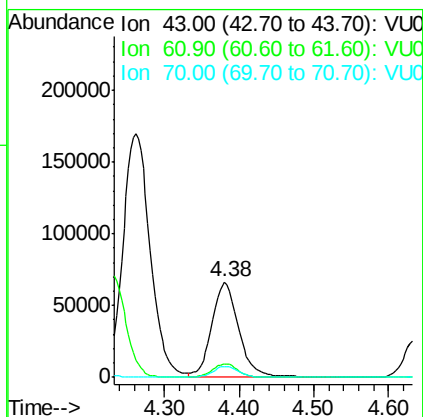
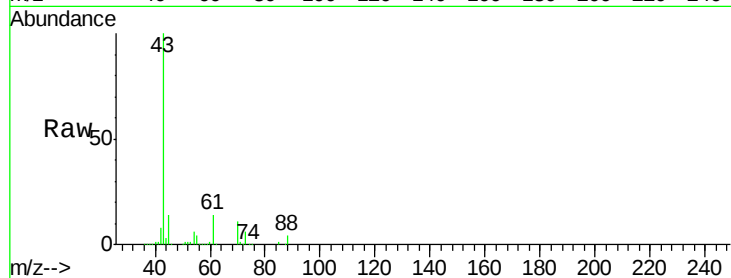




#37
Ethyl Acetate
Concen: 48.55 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

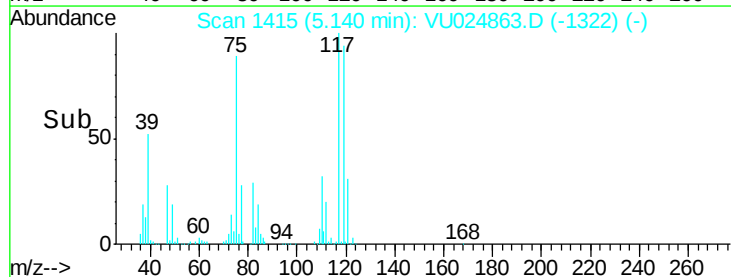
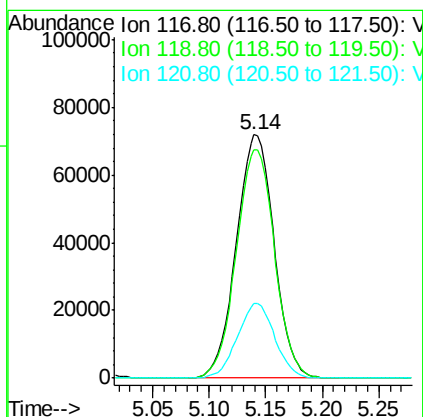
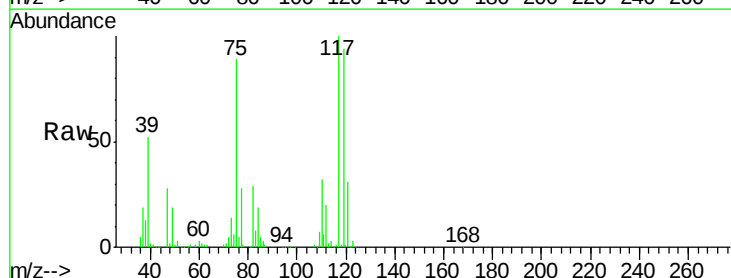
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 164639
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 10.9 7.4 11.2



#38
Carbon Tetrachloride
Concen: 48.76 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 117 Resp: 166814
Ion Ratio Lower Upper
117 100
119 93.9 76.1 114.1
121 30.6 23.7 35.5

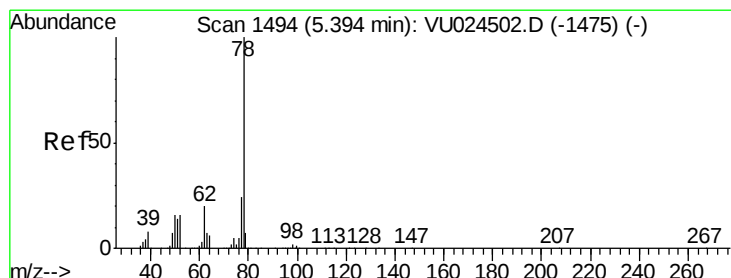
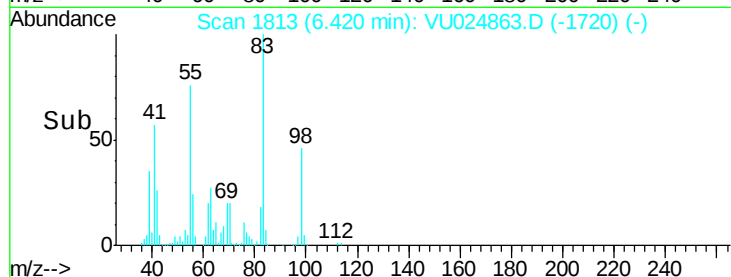
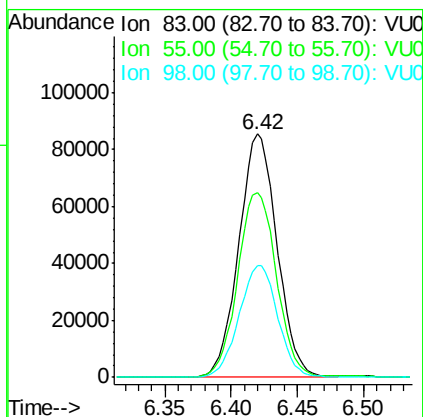
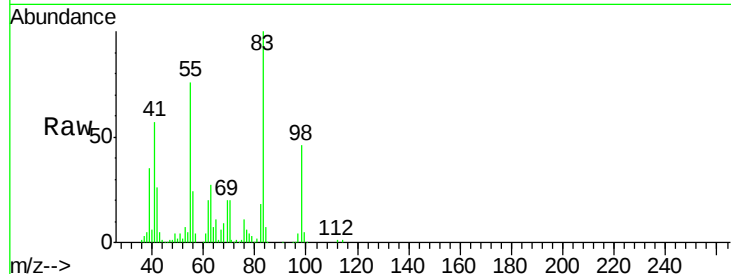




#39
Methvlcvclohexane
Concen: 44.27 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

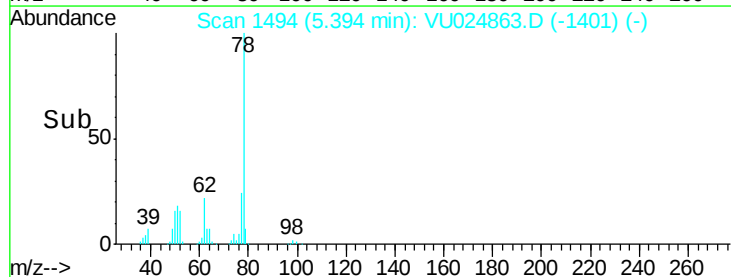
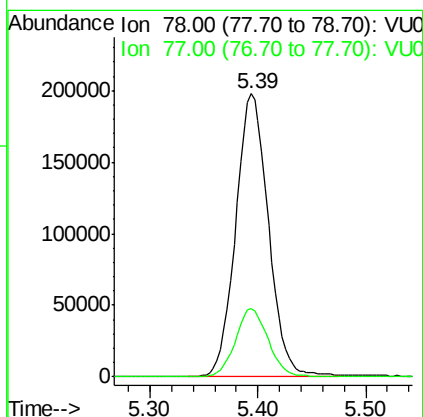
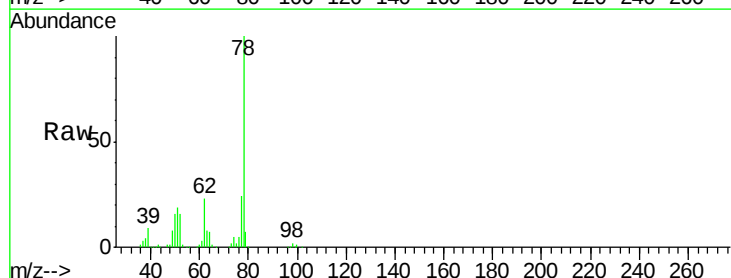
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 171852
Ion Ratio Lower Upper
83 100
55 75.8 65.8 98.6
98 46.1 36.7 55.1



#40
Benzene
Concen: 47.21 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 78 Resp: 418490
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

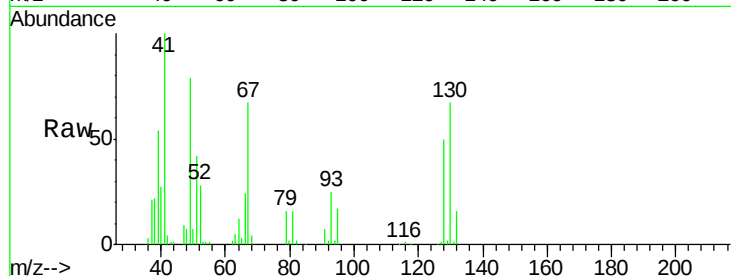




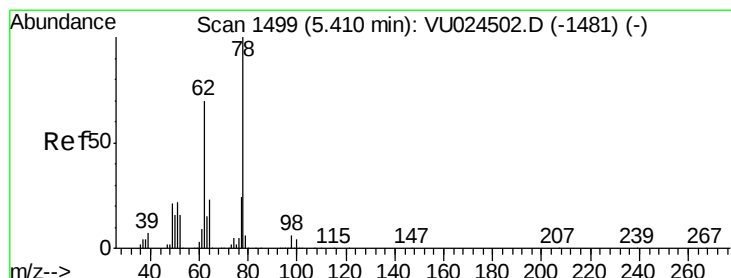
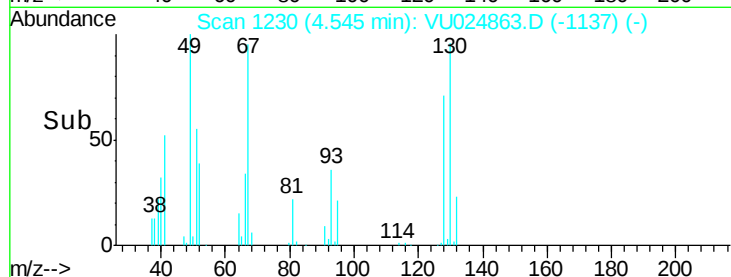
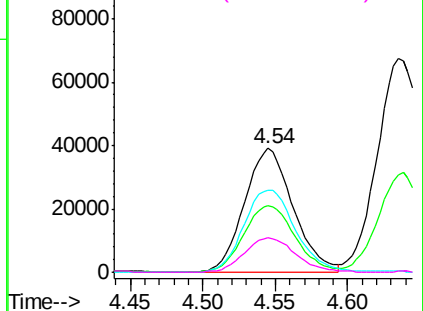
#41
Methacrylonitrile
Concen: 49.87 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 91180
Ion Ratio Lower Upper
41 100
39 56.3 43.8 65.6
67 71.0 56.3 84.5
52 29.5 23.2 34.8

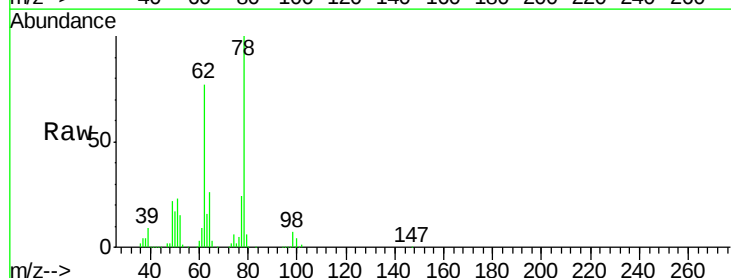


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

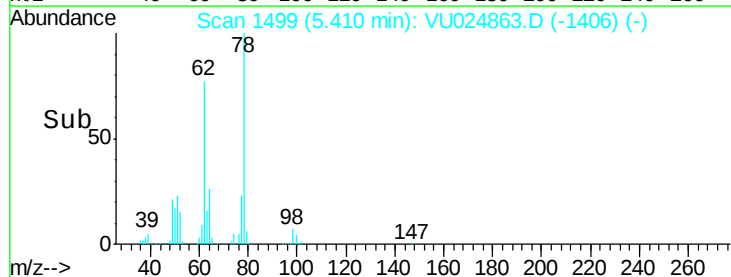
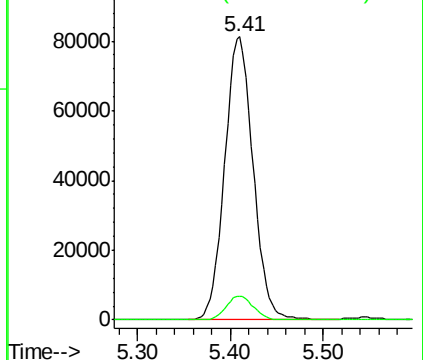


#42
1,2-Dichloroethane
Concen: 51.12 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 62 Resp: 172589
Ion Ratio Lower Upper
62 100
98 8.0 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: 45.25 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

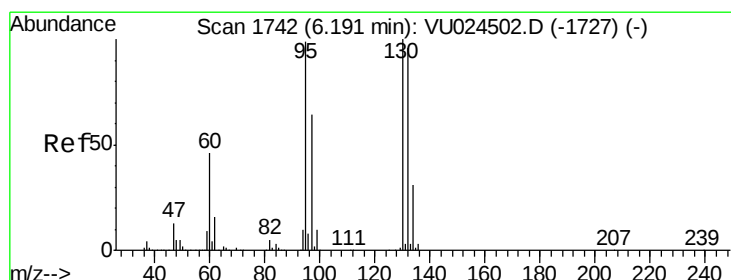
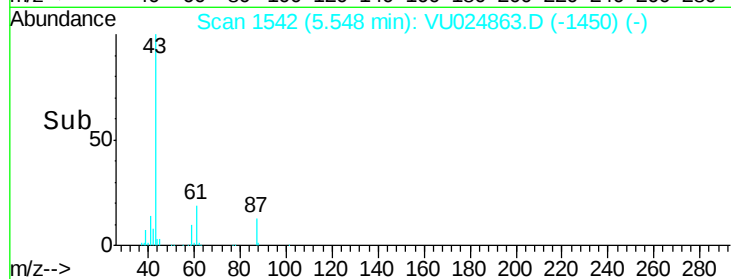
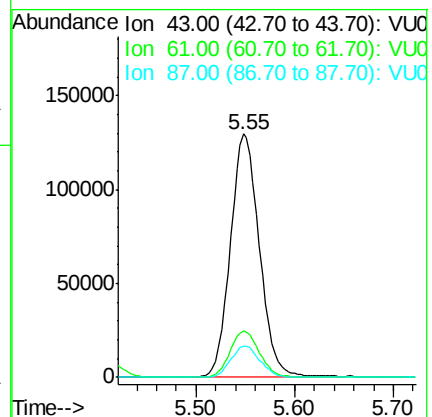
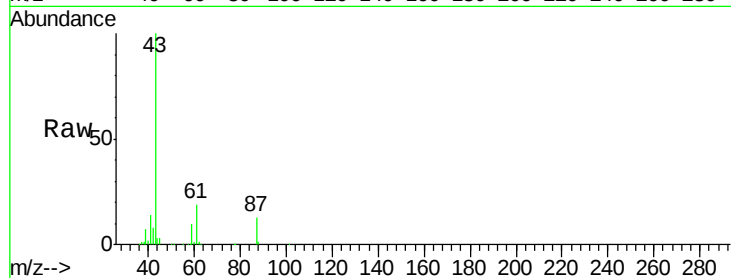
Tot Ion: 43 Resp: 265233

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

87 13.1 10.0 15.0



#44

Trichloroethene

Concen: 45.99 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024863.D

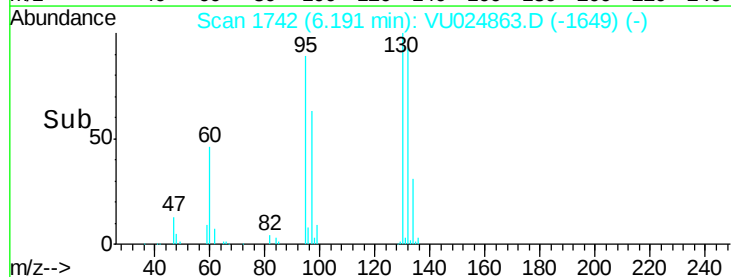
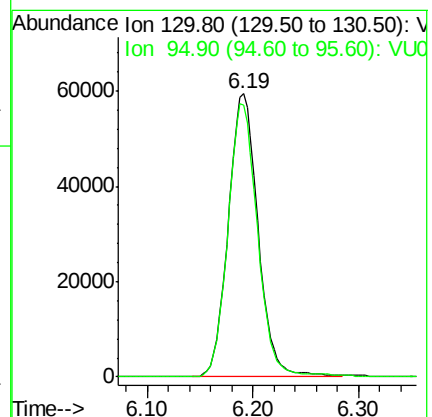
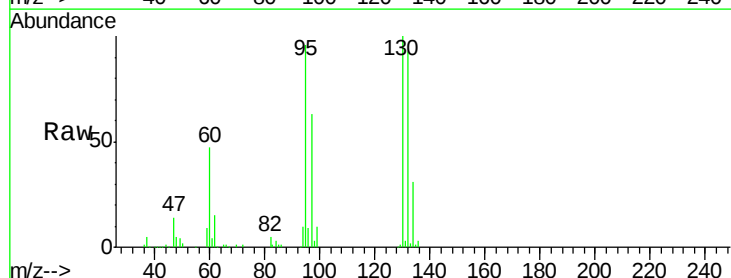
Acq: 23 Jun 2018 03:54

Tgt Ion:130 Resp: 116029

Ion Ratio Lower Upper

130 100

95 96.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 47.75 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

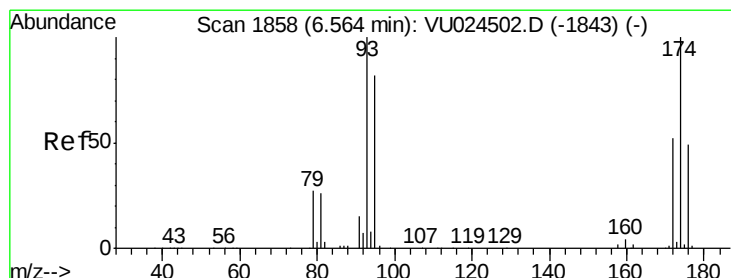
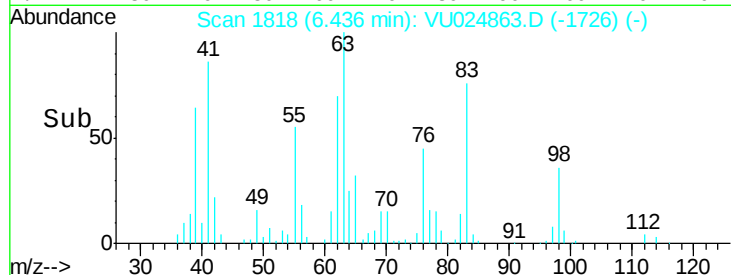
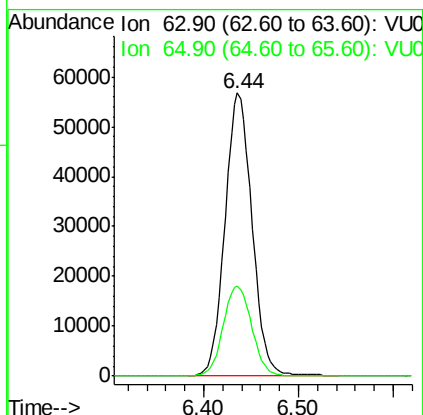
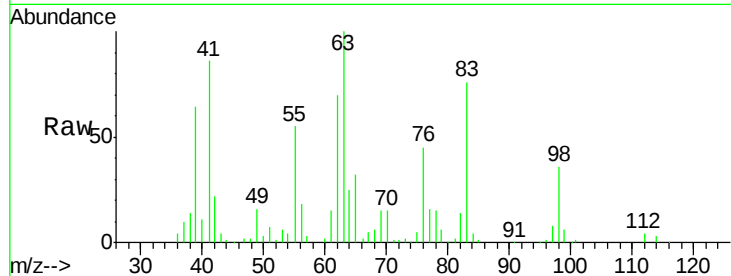
ClientSampleId :

Tot Ion: 63 Resp: 112934

Ion Ratio Lower Upper

63 100

65 31.6 24.8 37.2



#46

Dibromomethane

Concen: 48.63 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

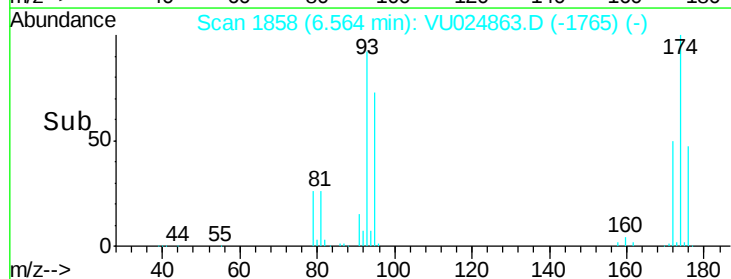
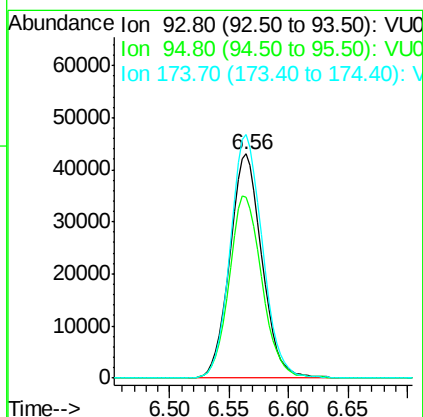
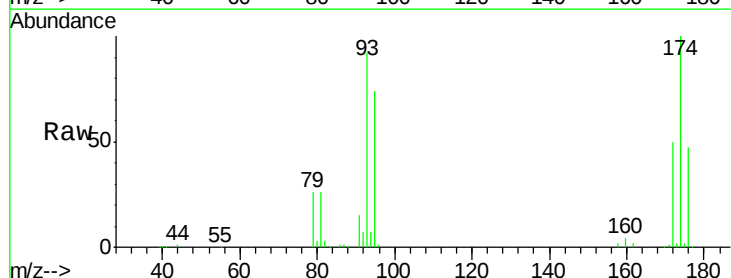
Tgt Ion: 93 Resp: 80791

Ion Ratio Lower Upper

93 100

95 82.7 65.5 98.3

174 108.1 78.7 118.1





#47

Bromodichloromethane

Concen: 48.01 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :

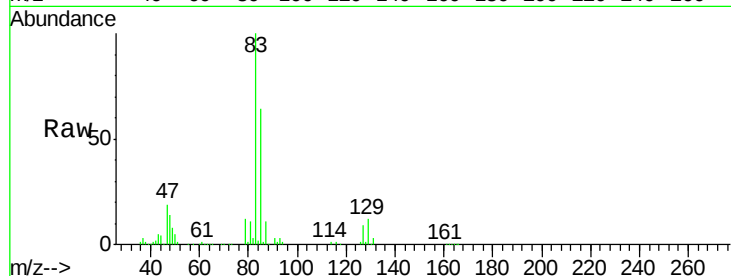
Tot Ion: 83 Resp: 158823

Ion Ratio Lower Upper

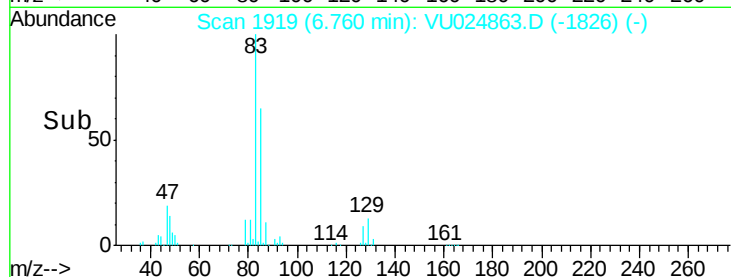
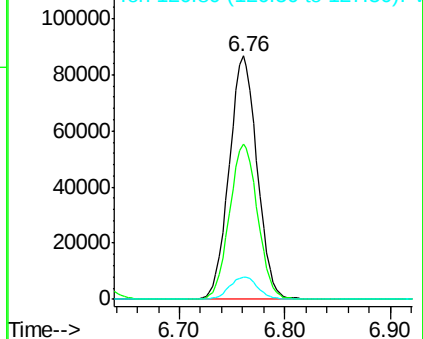
83 100

85 63.9 51.9 77.9

127 9.1 6.6 9.8



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



#48

Methyl methacrylate

Concen: 46.58 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

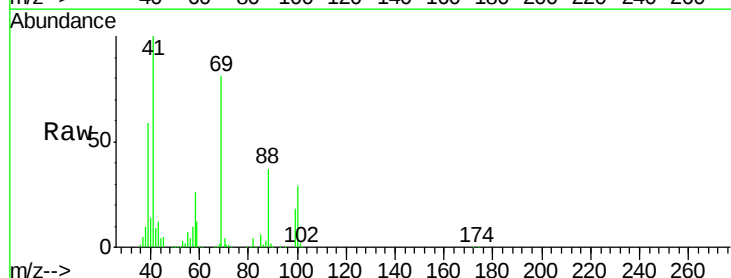
Tgt Ion: 41 Resp: 132947

Ion Ratio Lower Upper

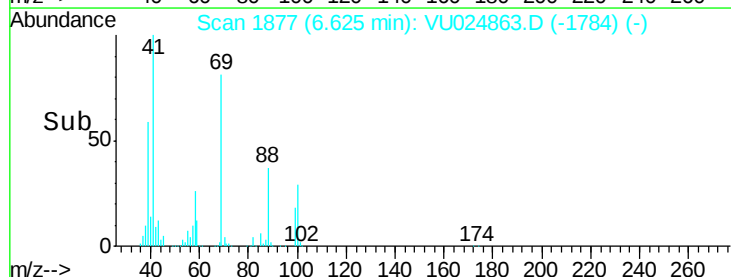
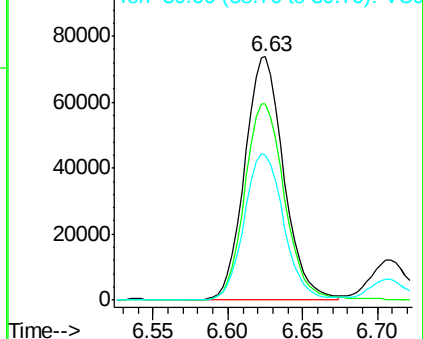
41 100

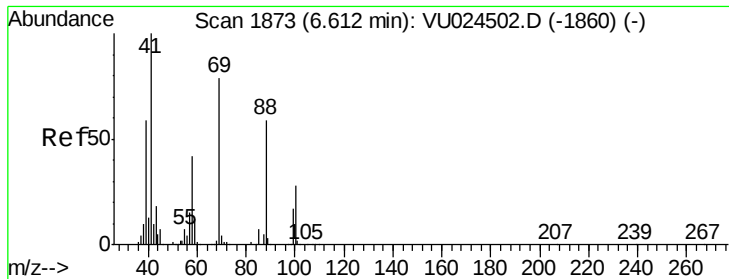
69 83.1 67.3 100.9

39 61.2 46.5 69.7



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





#49

1,4-Dioxane

Concen: 1065.55 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :

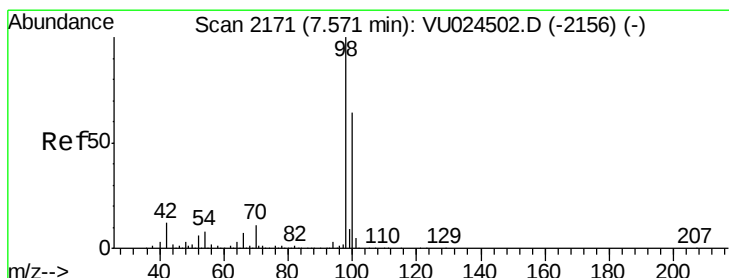
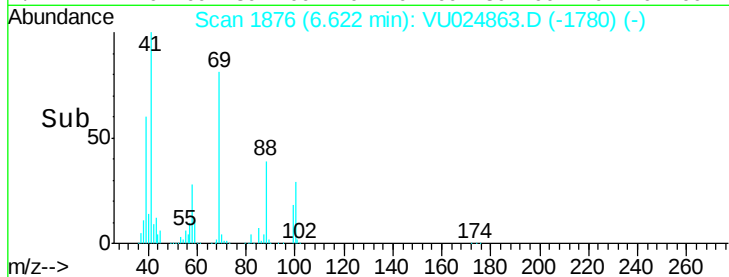
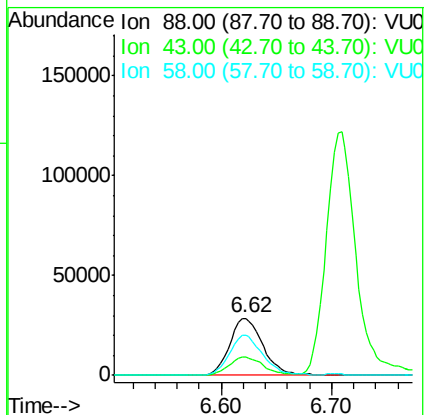
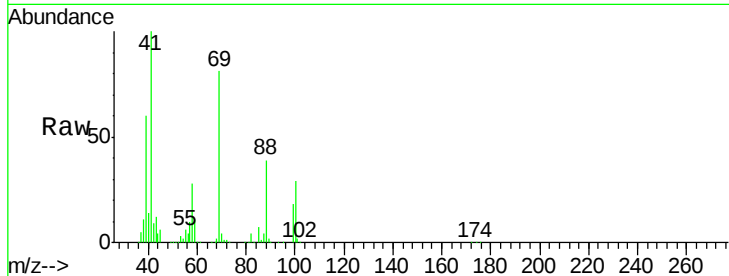
Tot Ion: 88 Resp: 59473

Ion Ratio Lower Upper

88 100

43 32.5 28.6 42.8

58 71.0 58.2 87.4



#50

Toluene-d8

Concen: 41.52 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024863.D

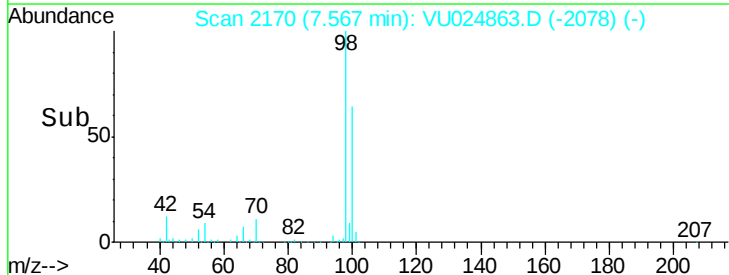
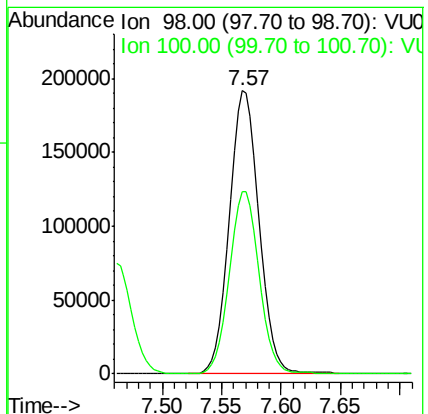
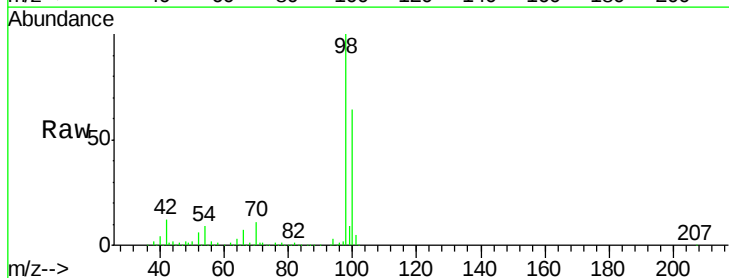
Acq: 23 Jun 2018 03:54

Tgt Ion: 98 Resp: 332774

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 232.41 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

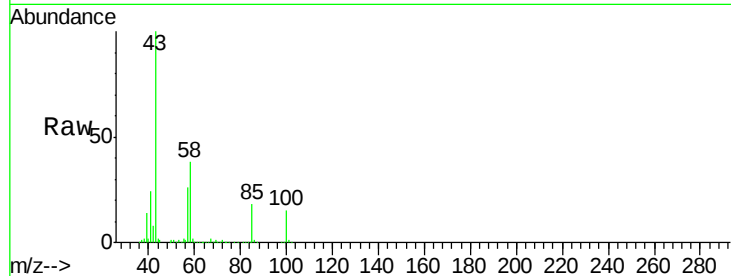
ClientSampled :

Tot Ion: 43 Resp: 855782

Ion Ratio Lower Upper

43 100

58 38.4 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

500000

400000

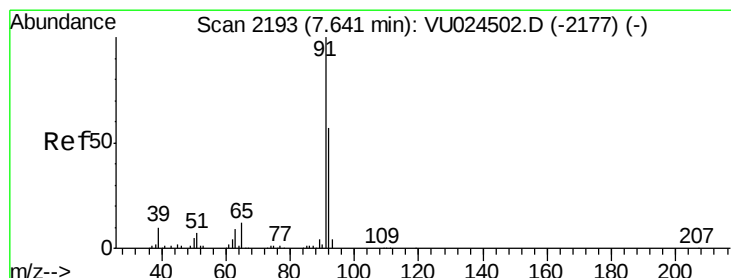
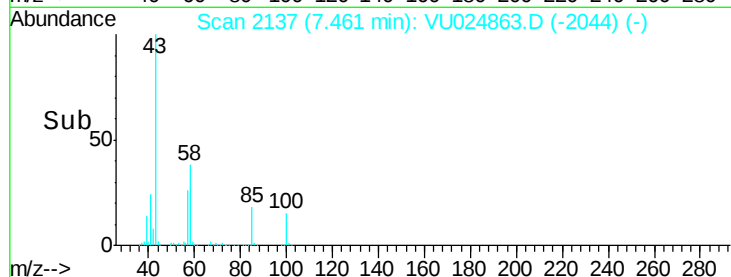
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.82 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024863.D

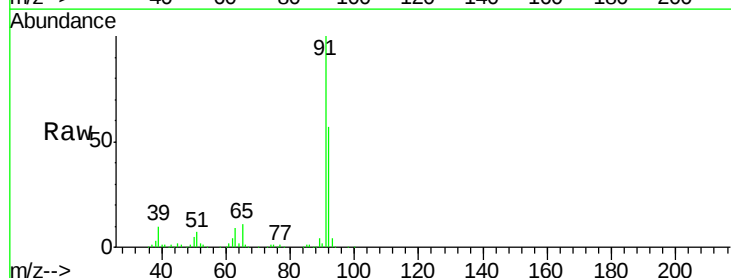
Acq: 23 Jun 2018 03:54

Tgt Ion: 92 Resp: 272755

Ion Ratio Lower Upper

92 100

91 174.0 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

300000

250000

200000

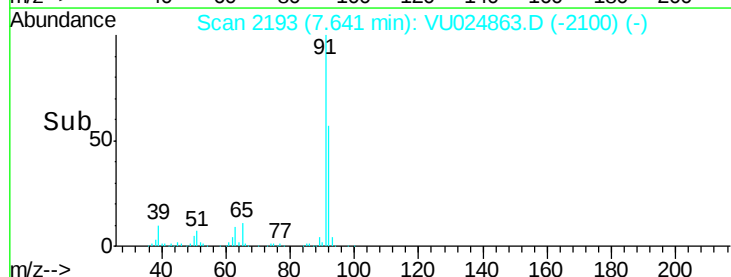
150000

100000

50000

0

Time-->

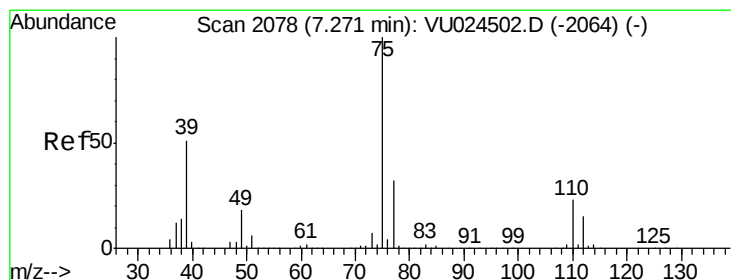
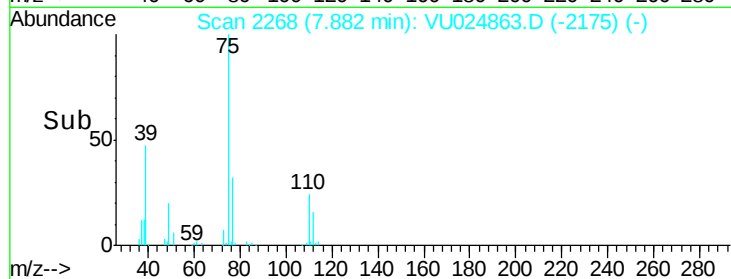
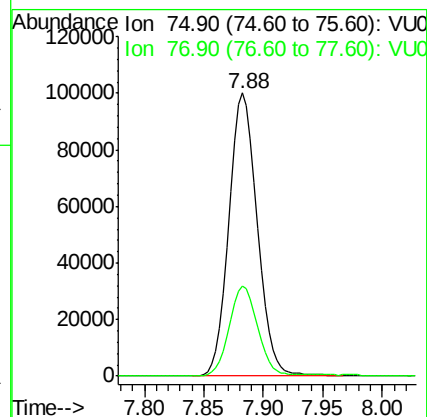
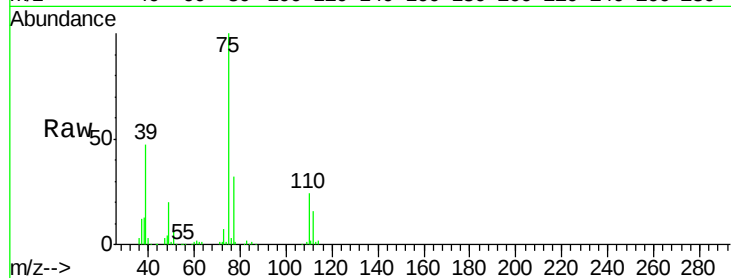




#53
 t-1,3-Dichloropropene
 Concen: 44.69 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

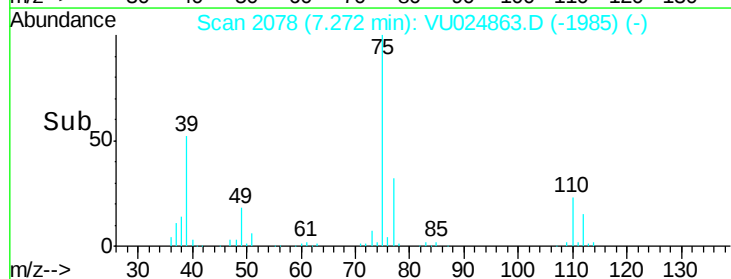
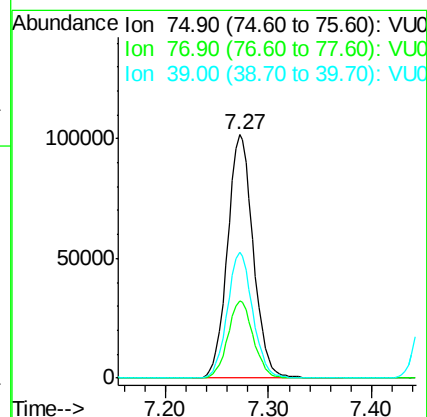
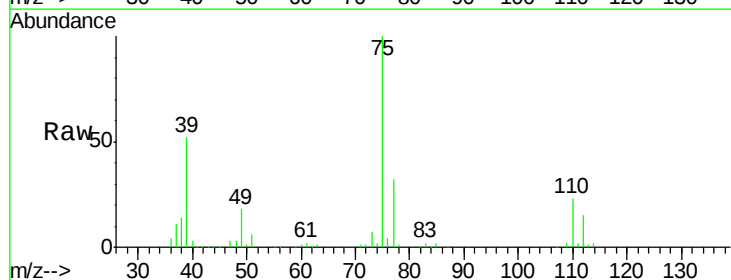
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 166036
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 44.57 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion: 75 Resp: 176466
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 36.8
 39 51.8 39.8 59.6

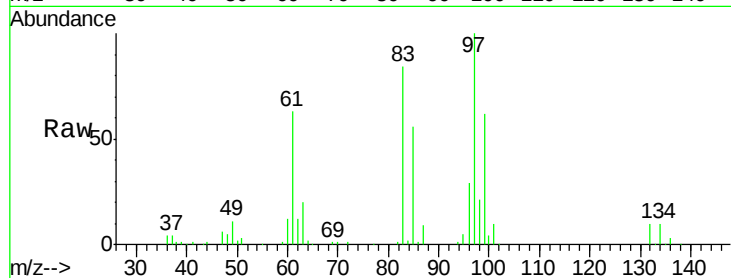




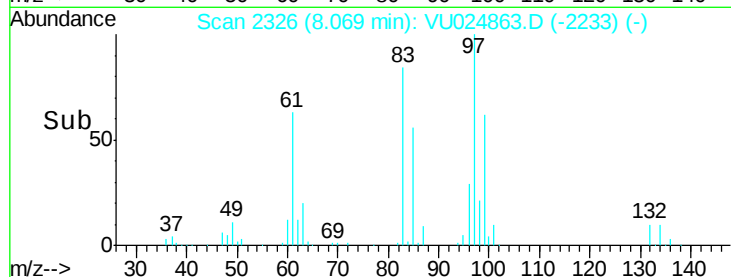
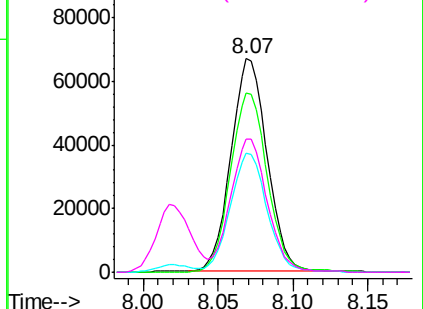
#55
 1,1,2-Trichloroethane
 Concen: 48.45 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	112318
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.5	105.7
85	55.6	46.4	69.6
99	62.3	50.2	75.2

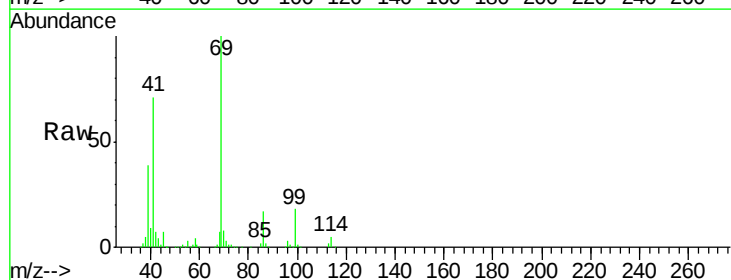


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

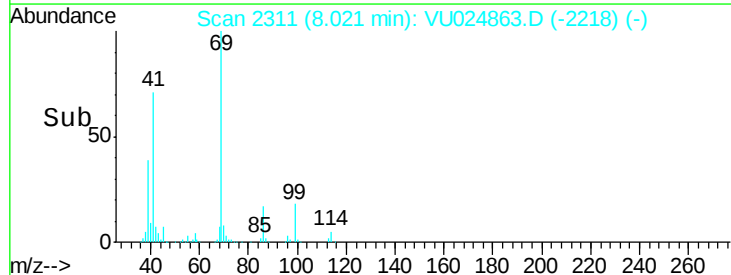
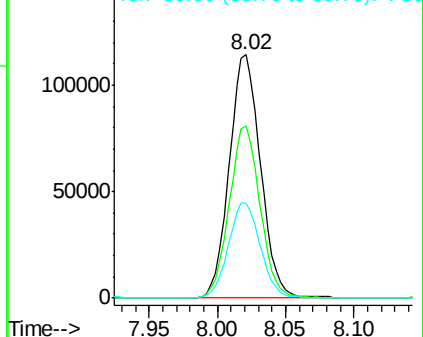


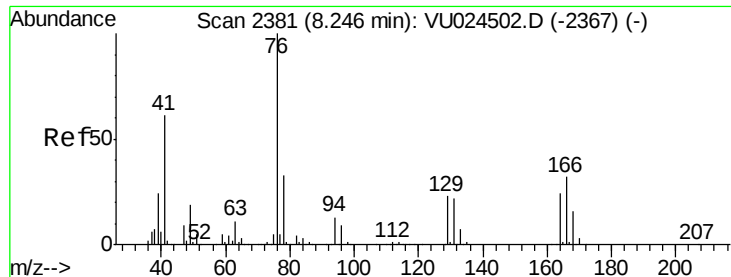
#56
 Ethyl methacrylate
 Concen: 46.99 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion:	69	Resp:	182323
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.1	81.1
39	39.7	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 49.07 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

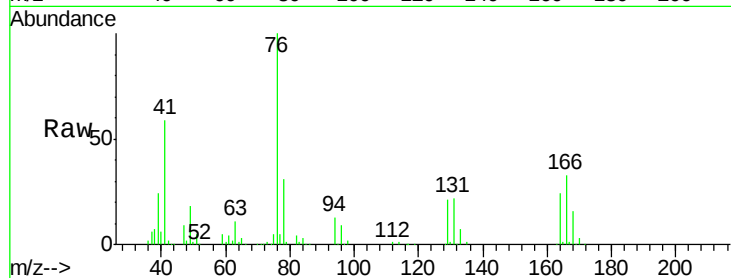
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 76 Resp: 191904

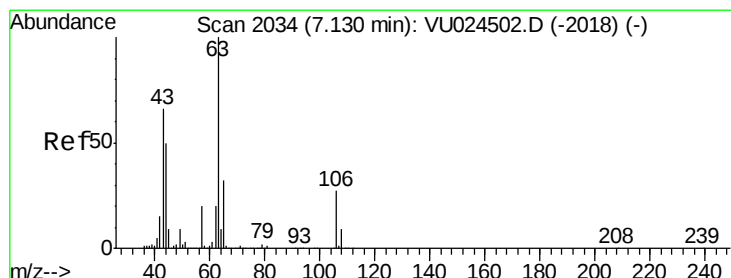
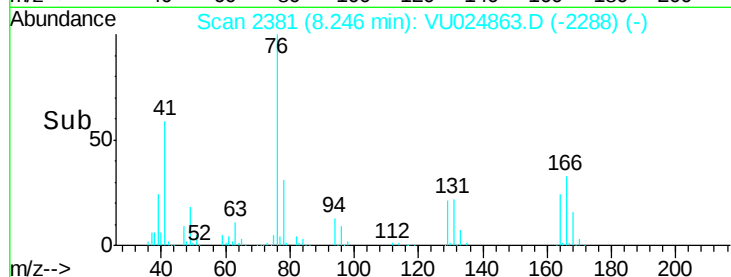
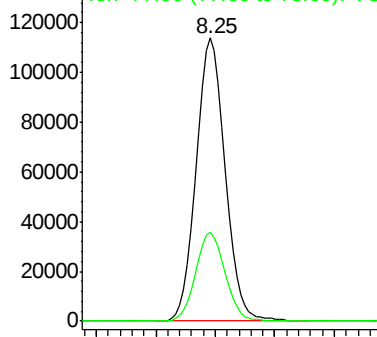
Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 187.70 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024863.D

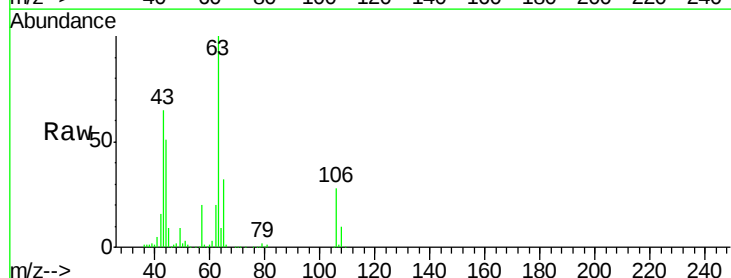
Acq: 23 Jun 2018 03:54

Tgt Ion: 63 Resp: 279024

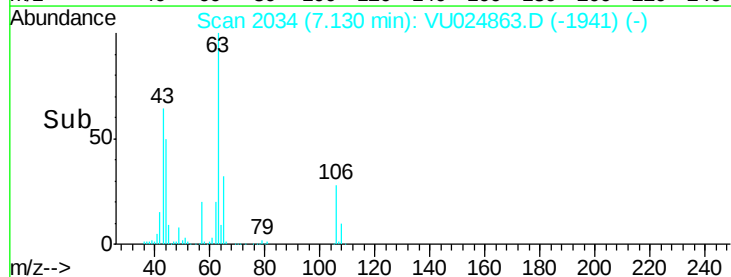
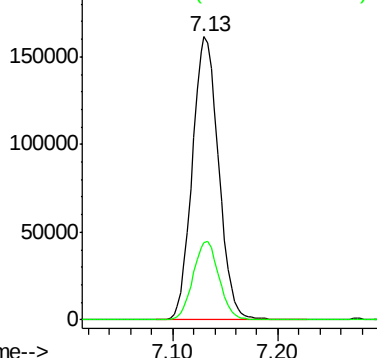
Ion Ratio Lower Upper

63 100

106 27.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 105.90 (105.60 to 106.60): V

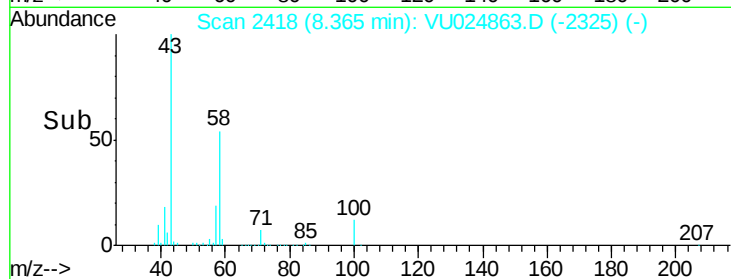
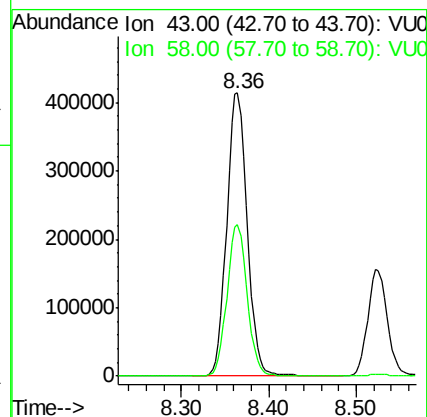
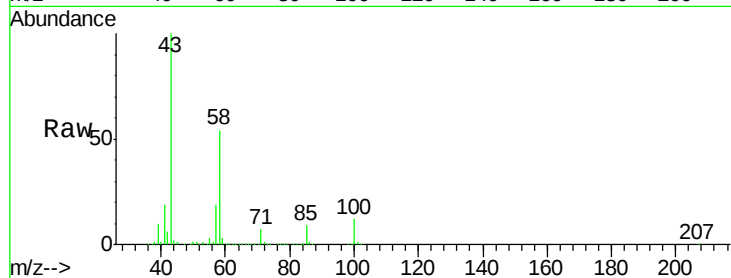




#59
2-Hexanone
Concen: 224.04 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

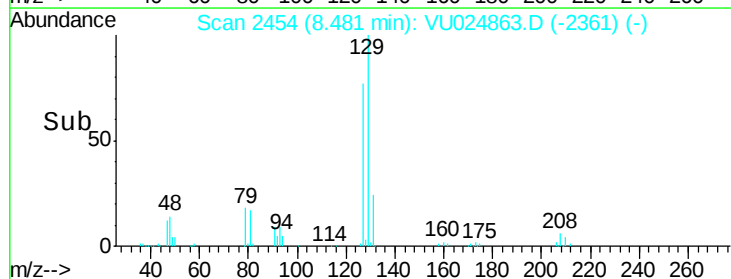
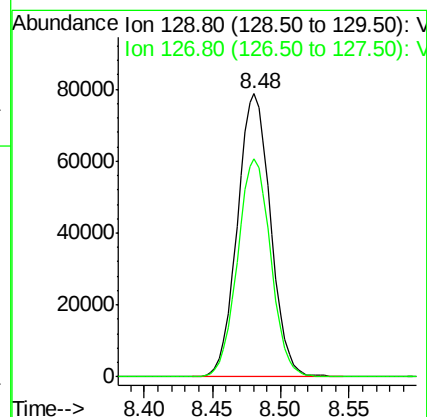
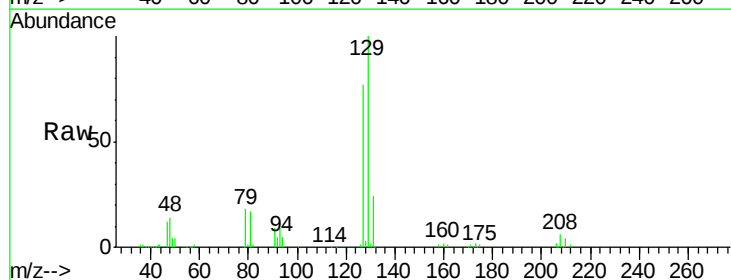
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 673517
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 46.05 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 129 Resp: 133137
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.45 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

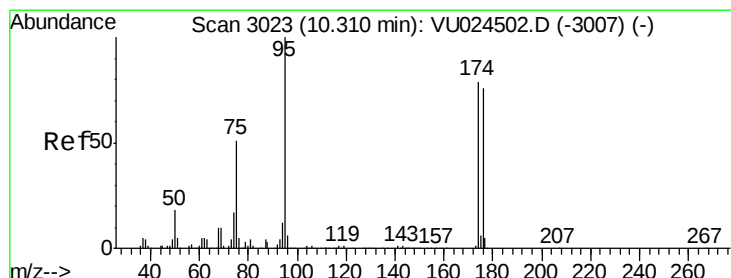
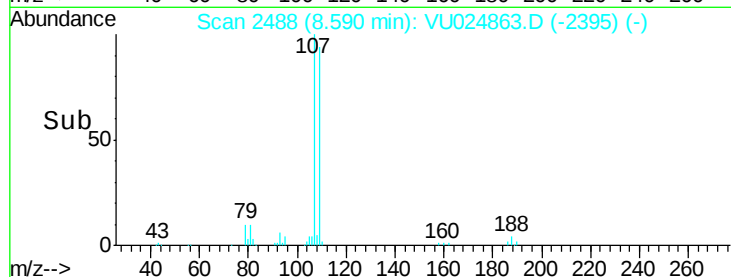
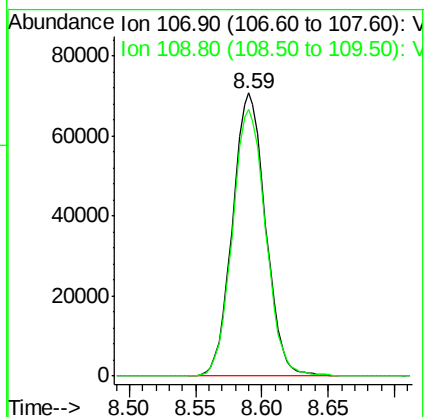
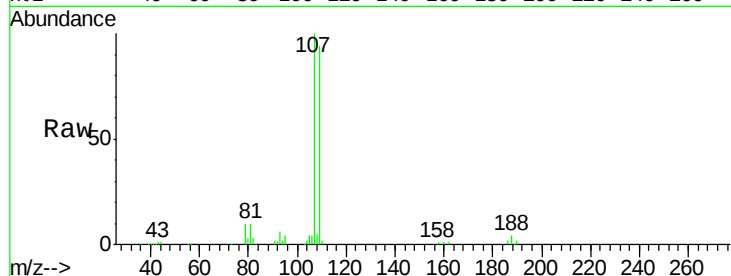
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 122428

Ion Ratio Lower Upper

107 100

109 95.2 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 42.09 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

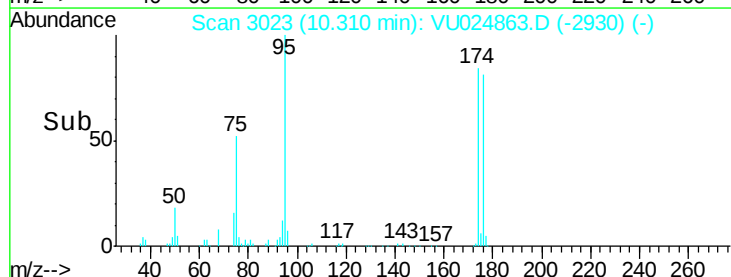
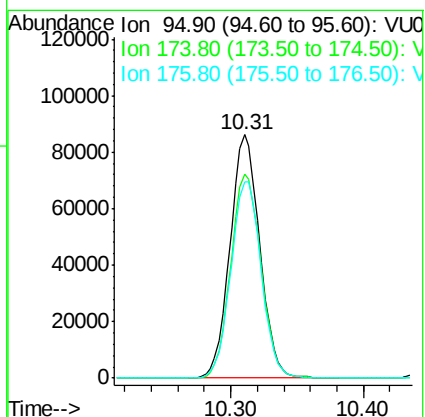
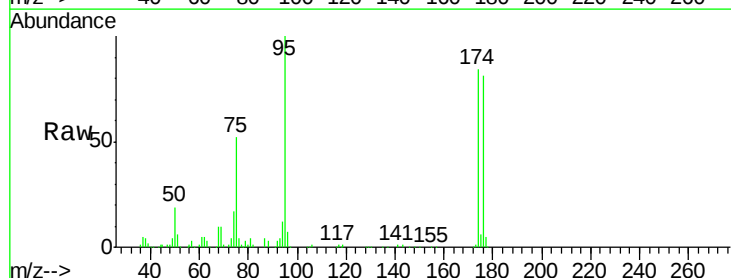
Tgt Ion: 95 Resp: 133930

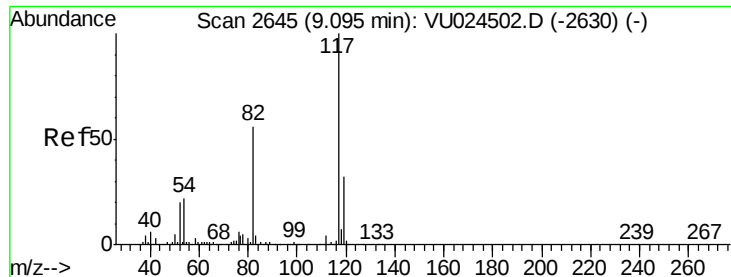
Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

176 82.8 0.0 159.4

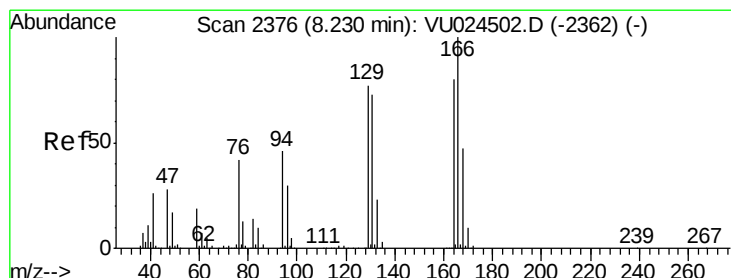
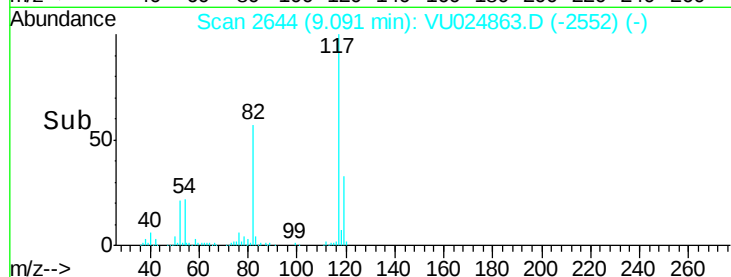
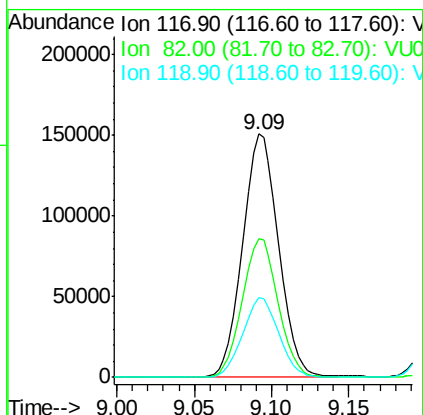
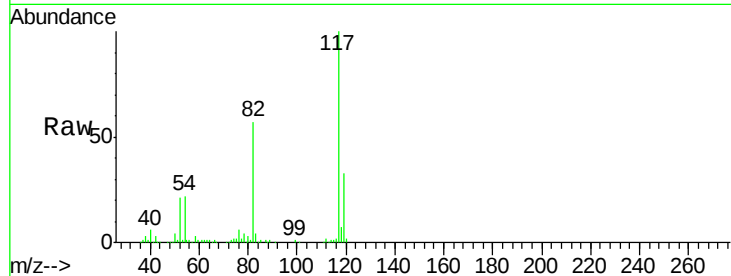




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

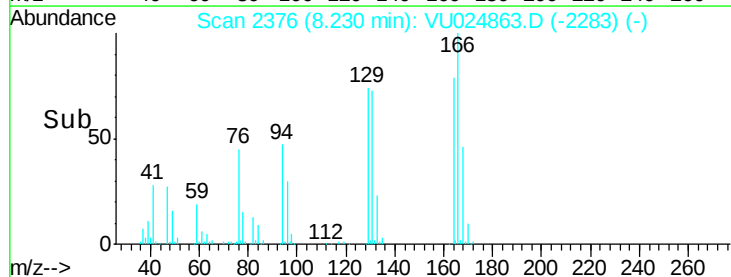
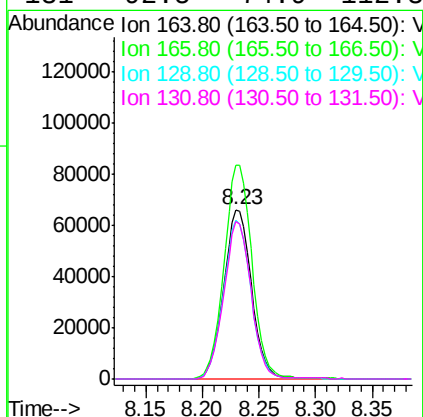
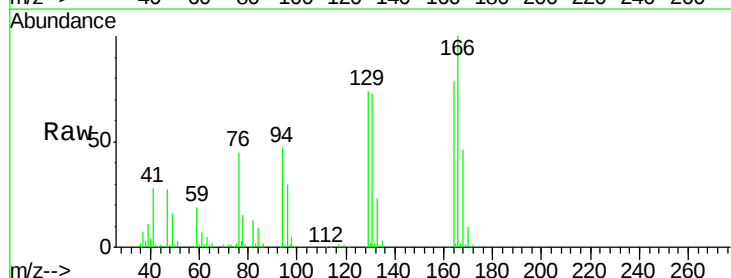
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 243952
Ion Ratio Lower Upper
117 100
82 56.9 44.3 66.5
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 48.92 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion:164 Resp: 113445
Ion Ratio Lower Upper
164 100
166 125.9 101.7 152.5
129 93.7 76.9 115.3
131 92.5 74.9 112.3

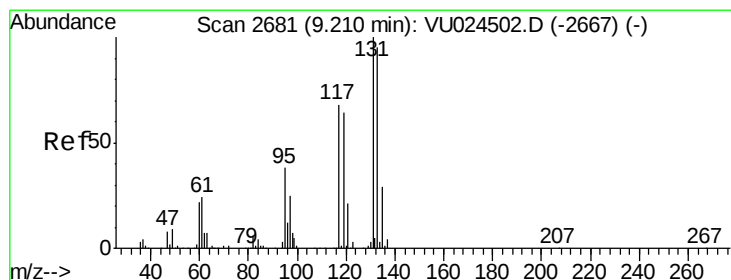
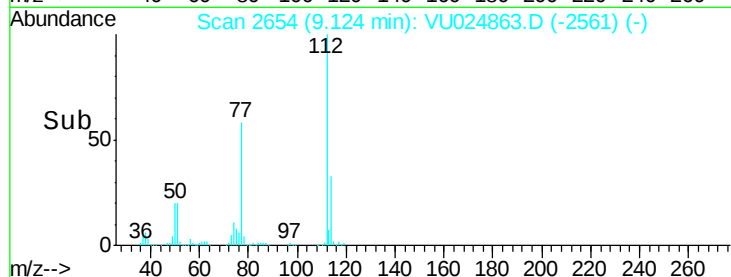
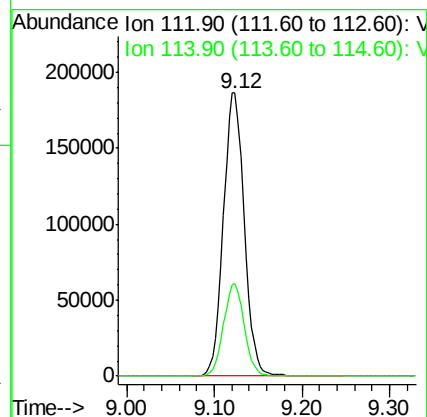
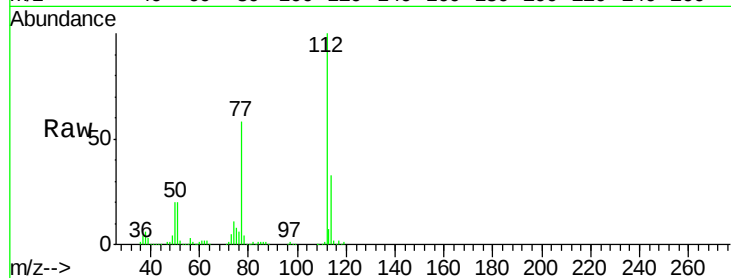




#65
Chlorobenzene
Concen: 49.56 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

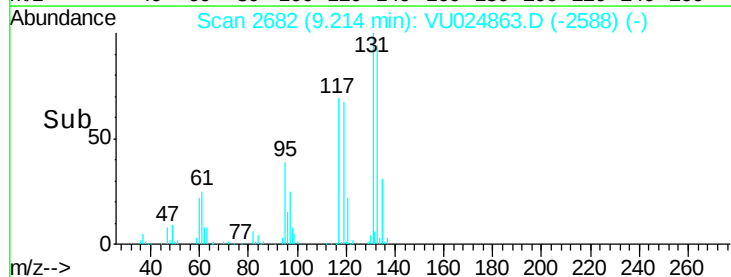
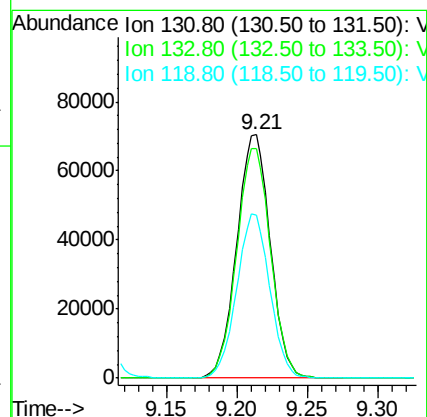
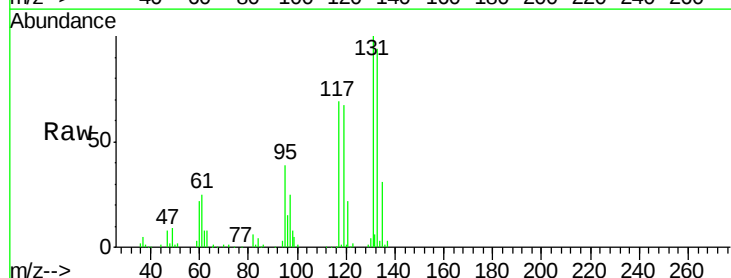
Instrument :
MSVOA_U
ClientSampleId :

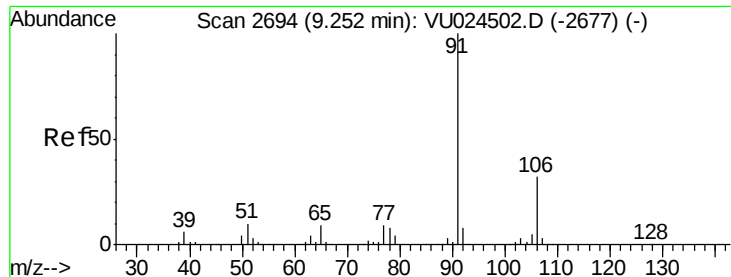
Tot Ion:112 Resp: 308879
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.70 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion:131 Resp: 117686
Ion Ratio Lower Upper
131 100
133 95.3 46.9 140.8
119 66.3 33.5 100.4

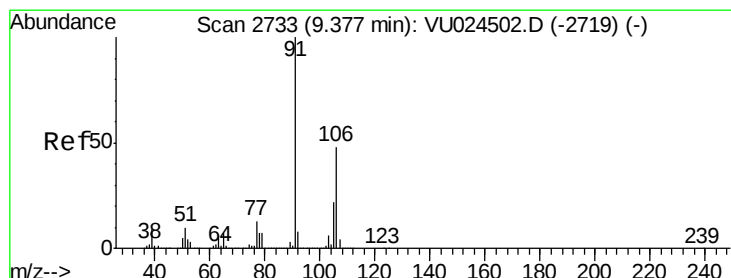
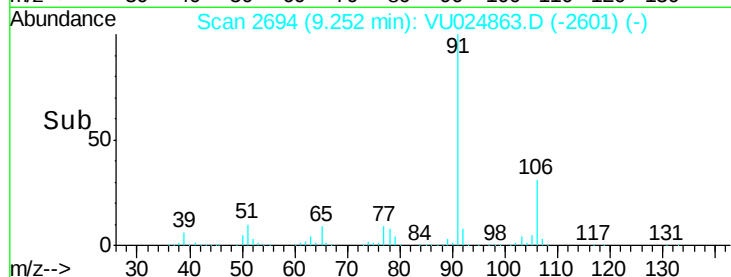
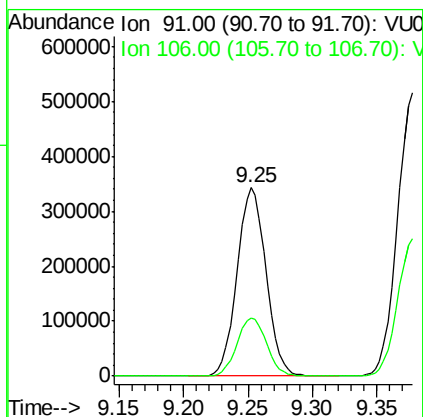
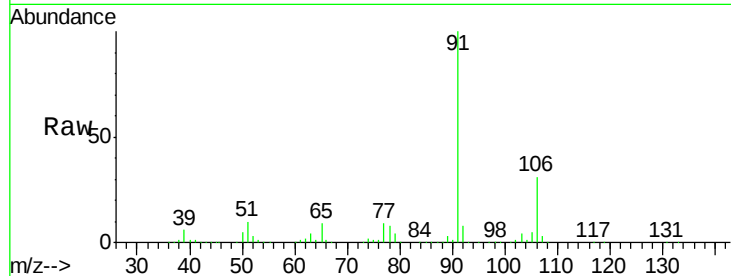




#67
Ethyl Benzene
Concen: 48.99 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

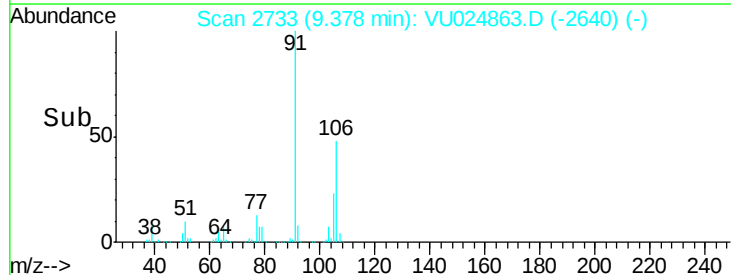
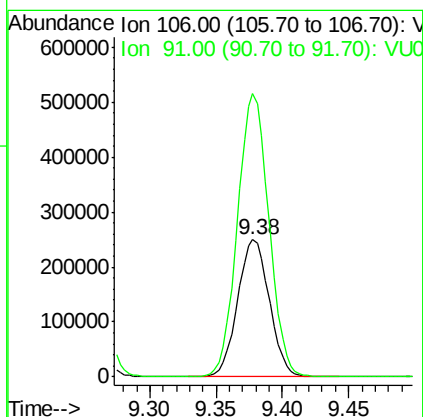
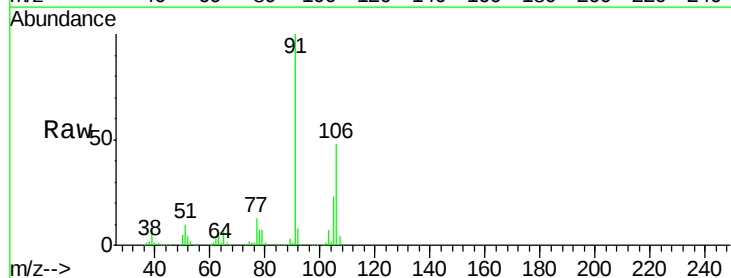
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 535263
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 99.08 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 106 Resp: 415692
Ion Ratio Lower Upper
106 100
91 204.1 166.5 249.7

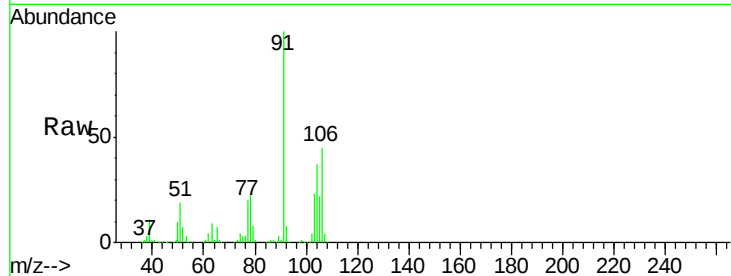




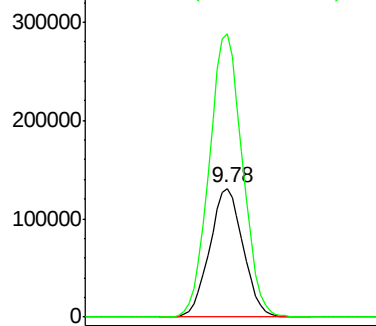
#69
o-Xylene
Concen: 49.11 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :

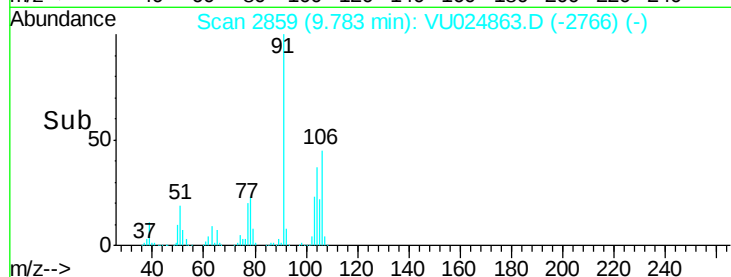
Tot Ion:106 Resp: 203907
Ion Ratio Lower Upper
106 100
91 219.1 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

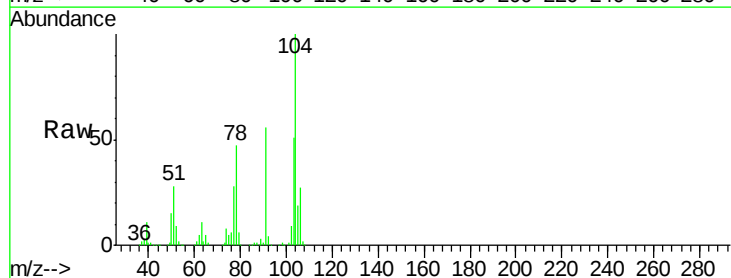


Time-->

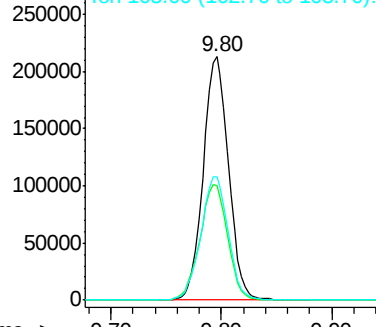


#70
Styrene
Concen: 49.80 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

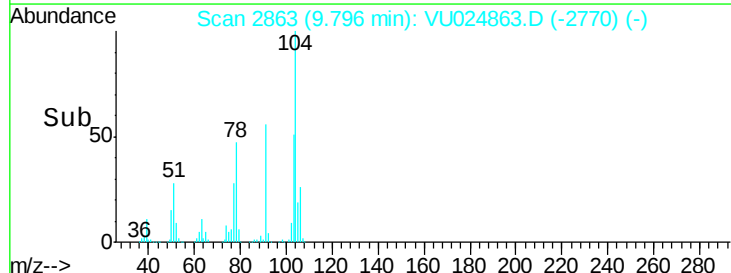
Tgt Ion:104 Resp: 339820
Ion Ratio Lower Upper
104 100
78 51.9 40.6 60.8
103 54.7 44.7 67.1

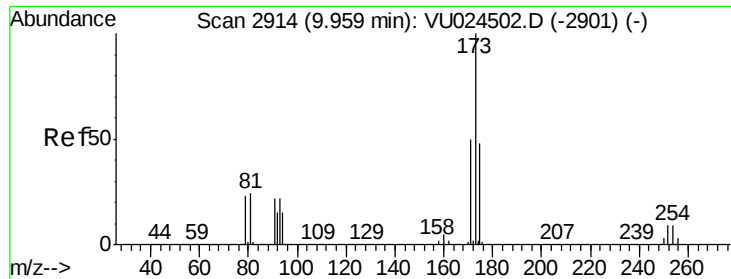


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 46.67 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :

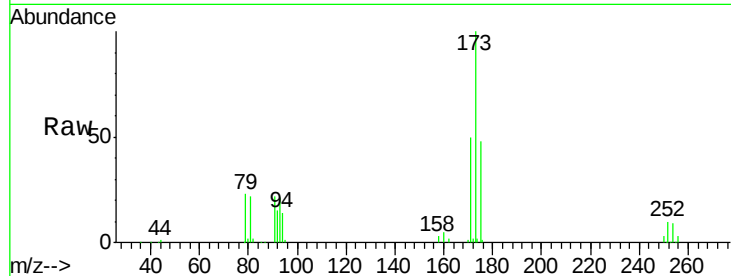
Tot Ion:173 Resp: 105029

Ion Ratio Lower Upper

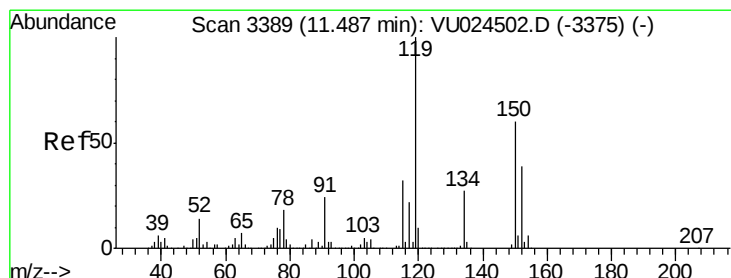
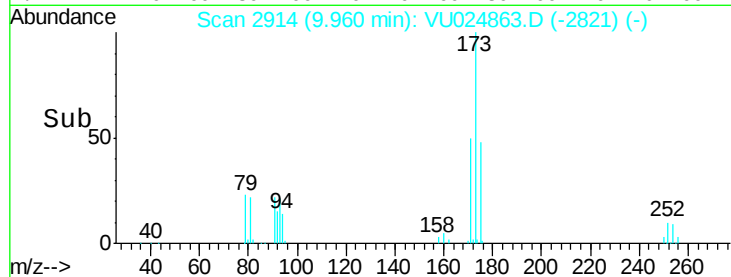
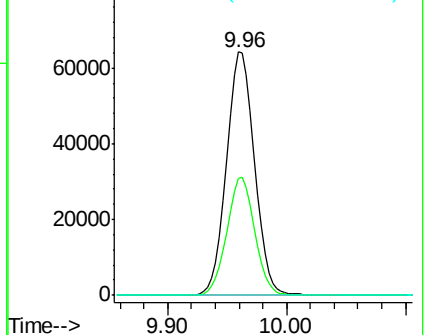
173 100

175 48.2 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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

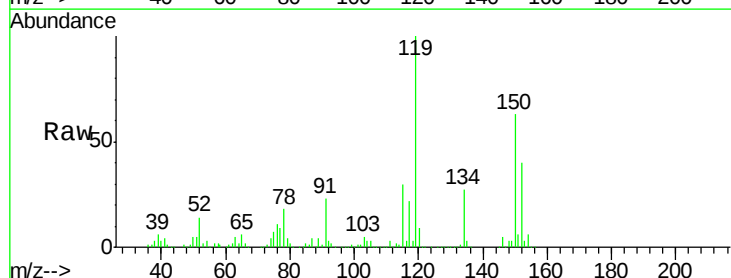
Tgt Ion:152 Resp: 149894

Ion Ratio Lower Upper

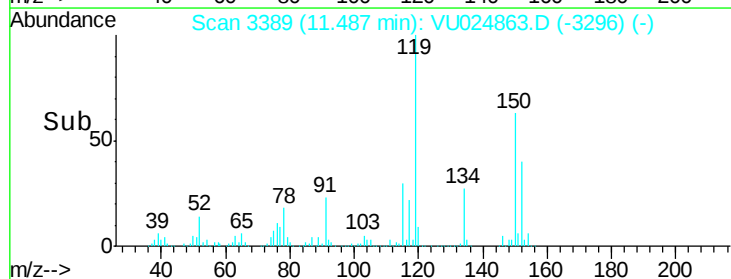
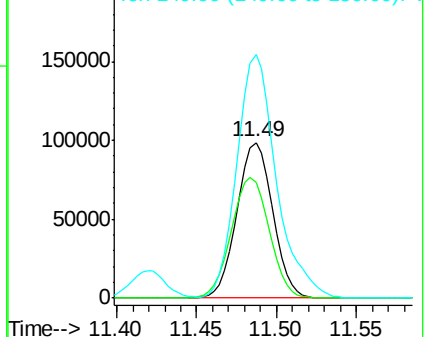
152 100

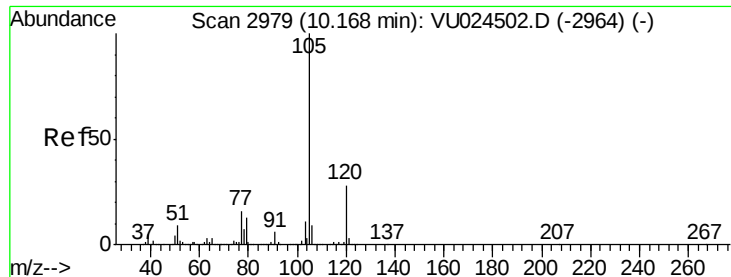
115 82.3 43.0 129.0

150 173.3 0.0 354.0



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





#73

Isopropylbenzene

Concen: 48.69 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

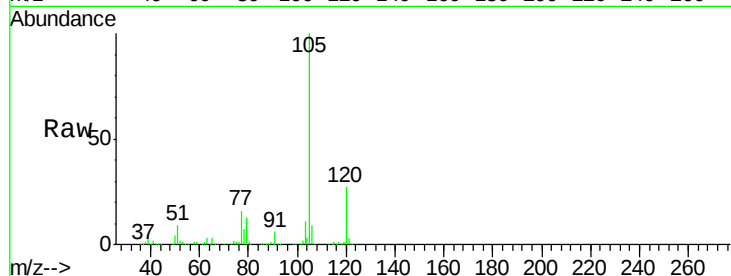
ClientSampleId :

Tot Ion:105 Resp: 560360

Ion Ratio Lower Upper

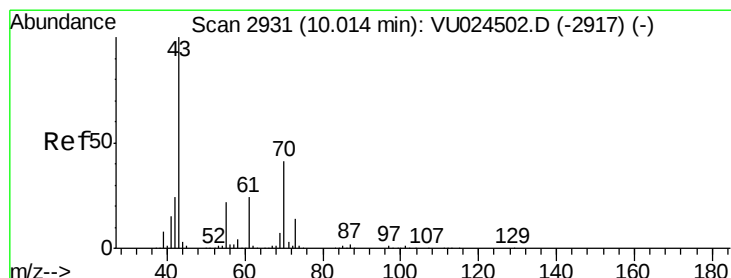
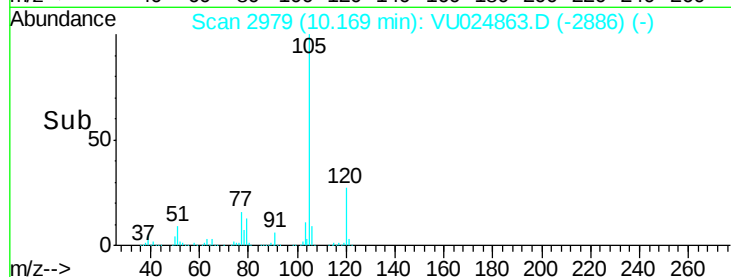
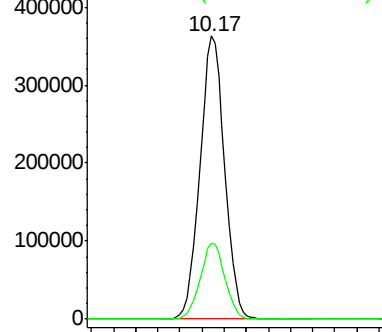
105 100

120 26.9 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: 44.96 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Tgt Ion: 43 Resp: 246126

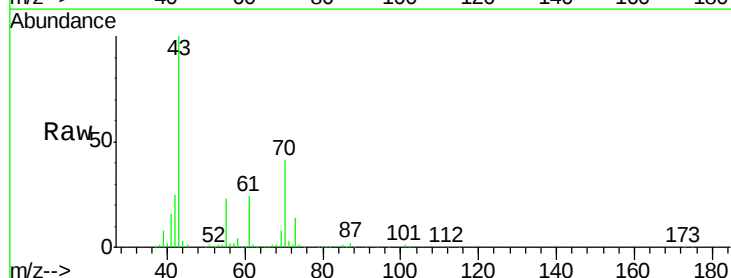
Ion Ratio Lower Upper

43 100

70 41.1 32.2 48.4

55 23.6 20.5 30.7

61 23.9 18.7 28.1

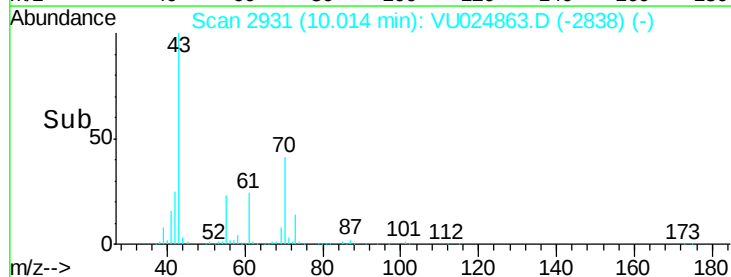
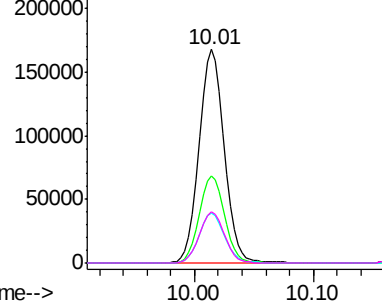


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 48.37 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

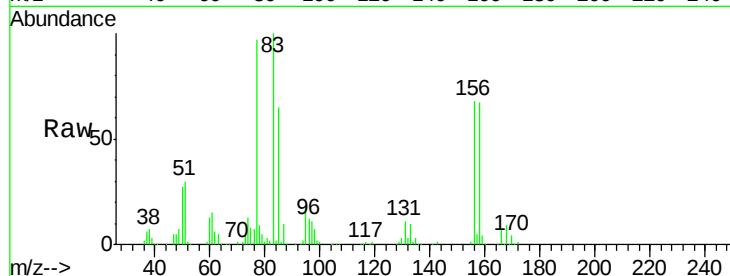
Tot Ion: 83 Resp: 186522

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

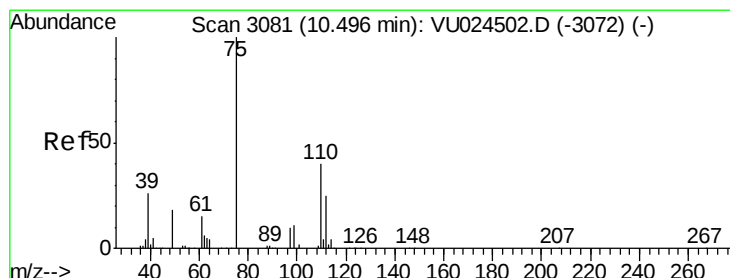
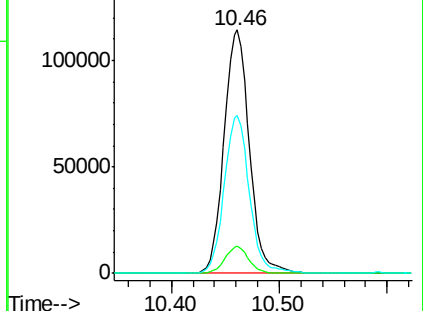
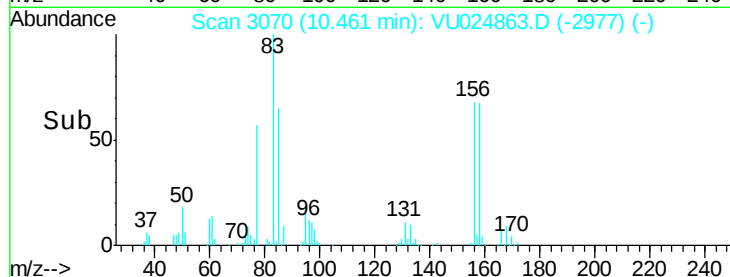
85 64.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024863.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024863.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024863.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 63.77 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024863.D

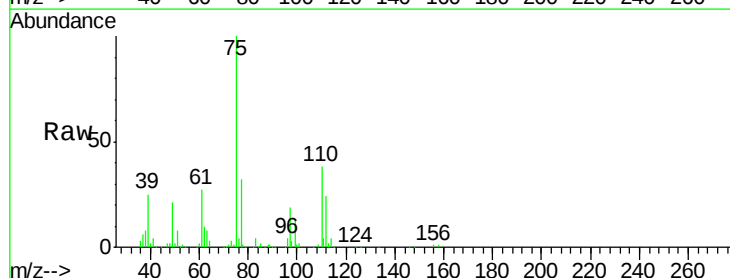
Acq: 23 Jun 2018 03:54

Tgt Ion: 75 Resp: 210433

Ion Ratio Lower Upper

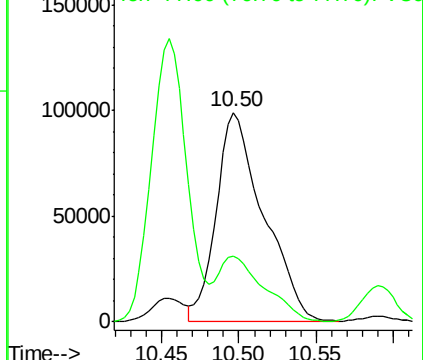
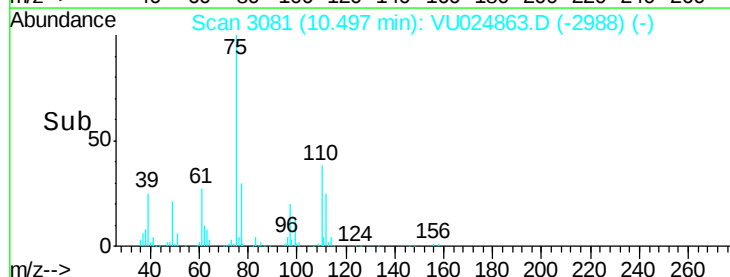
75 100

77 31.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024863.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024863.D (-2988) (-)





#77

Bromobenzene

Concen: 49.21 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

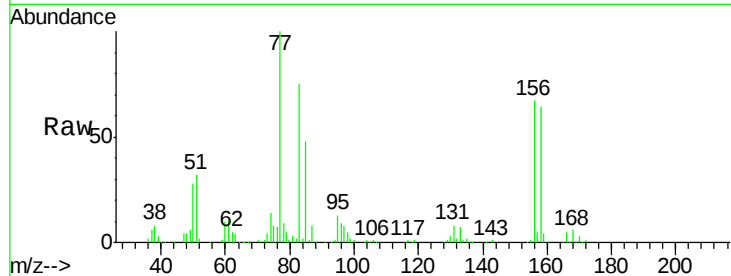
Tot Ion:156 Resp: 143376

Ion Ratio Lower Upper

156 100

77 149.6 80.5 241.3

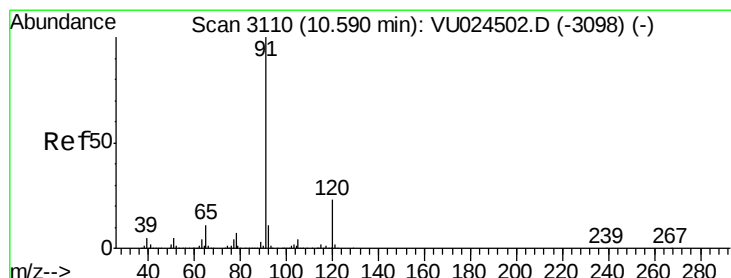
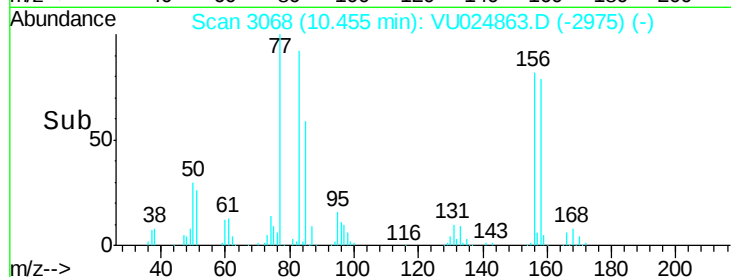
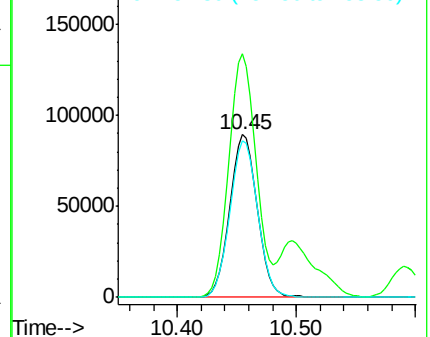
158 97.0 48.2 144.6



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: 46.89 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024863.D

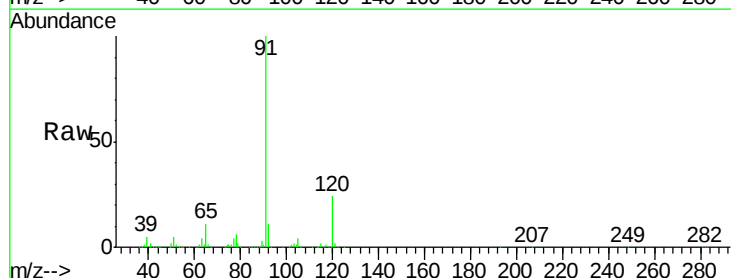
Acq: 23 Jun 2018 03:54

Tgt Ion: 91 Resp: 635701

Ion Ratio Lower Upper

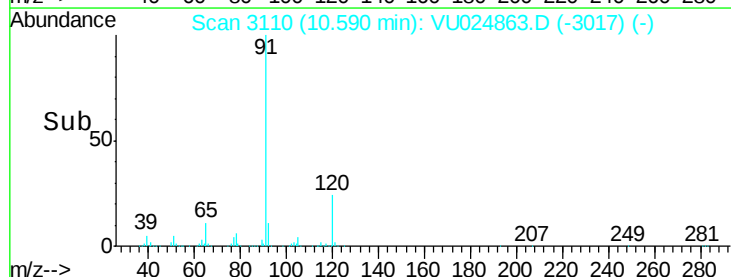
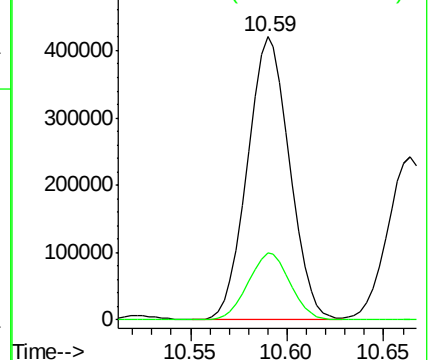
91 100

120 23.6 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: 47.59 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

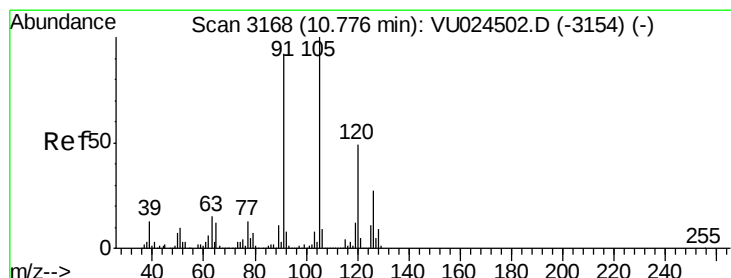
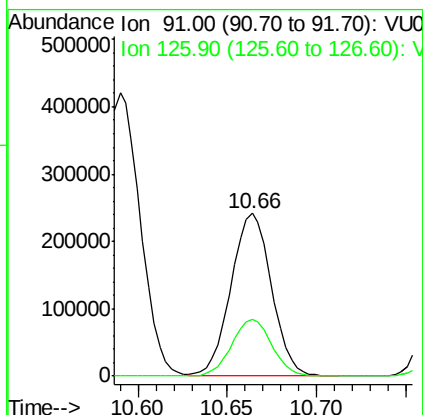
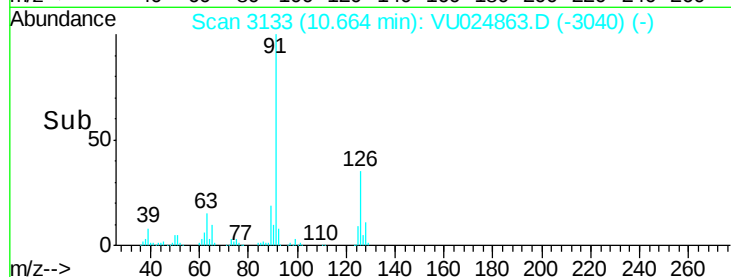
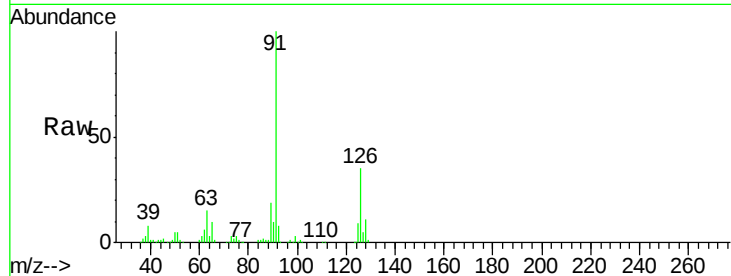
ClientSampleId :

Tot Ion: 91 Resp: 380458

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 48.47 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024863.D

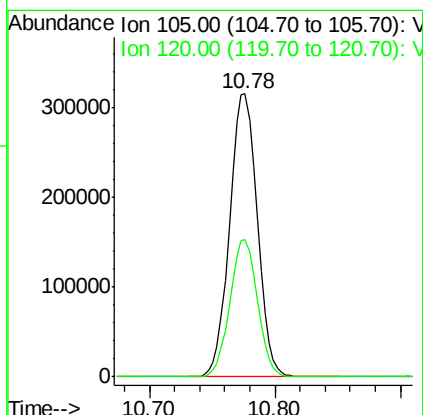
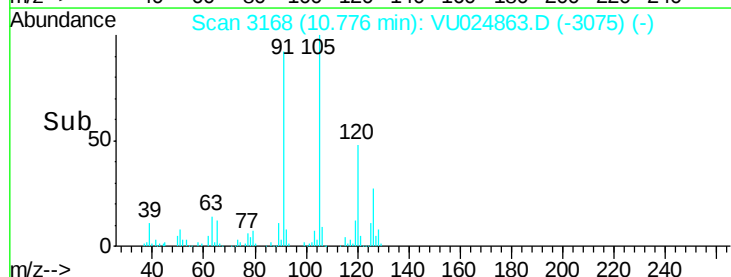
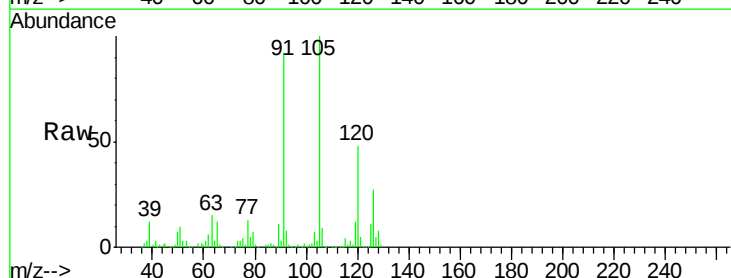
Acq: 23 Jun 2018 03:54

Tgt Ion: 105 Resp: 483504

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2

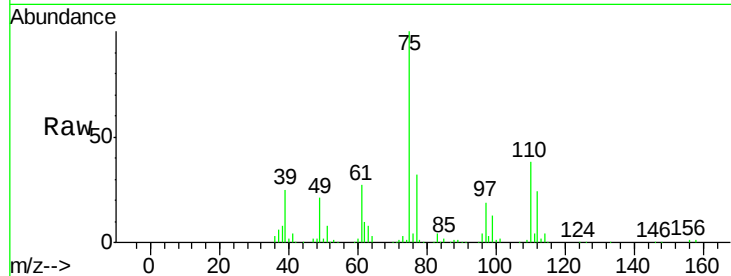




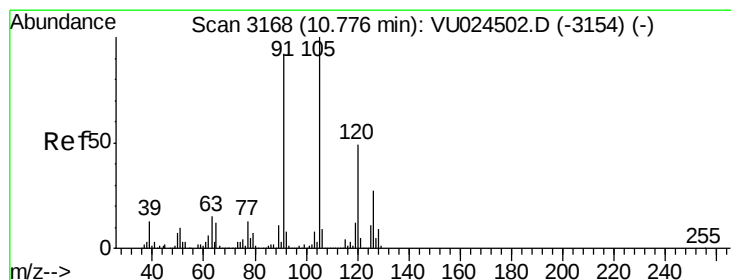
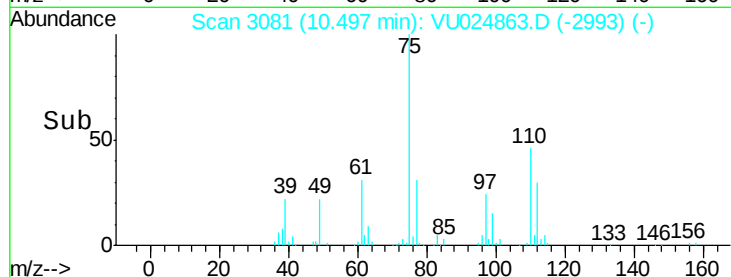
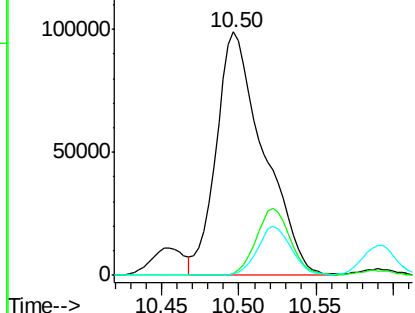
#81
trans-1,4-Dichloro-2-butene
Concen: 147.58 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 210433
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

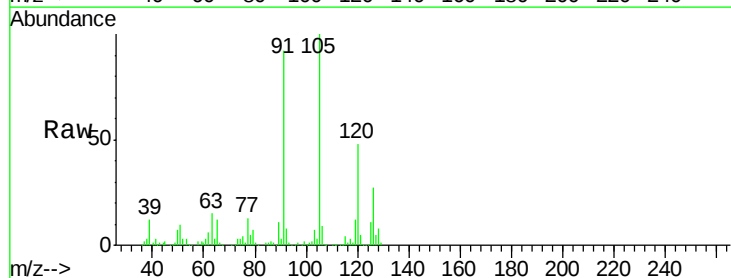


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

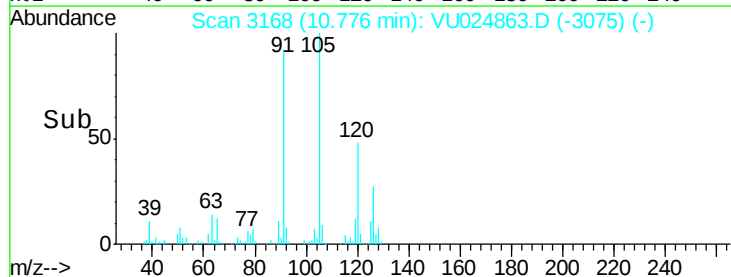
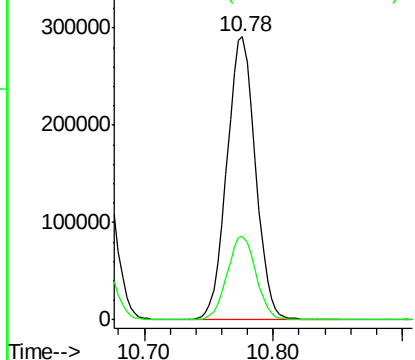


#82
4-Chlorotoluene
Concen: 47.80 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024863.D
Acq: 23 Jun 2018 03:54

Tgt Ion: 91 Resp: 444779
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

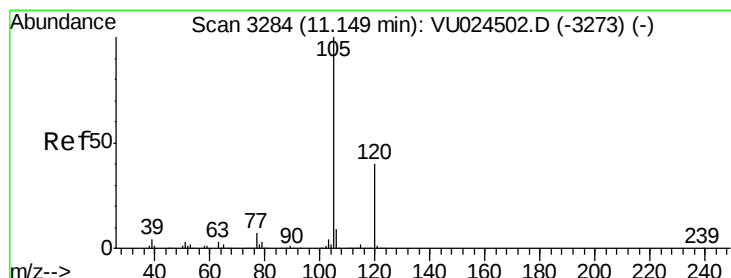
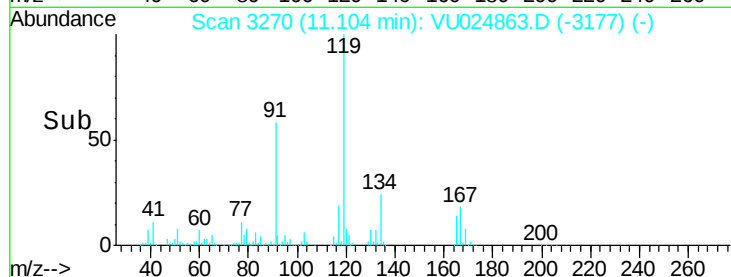
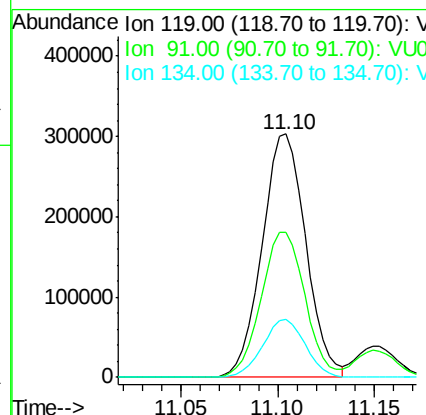
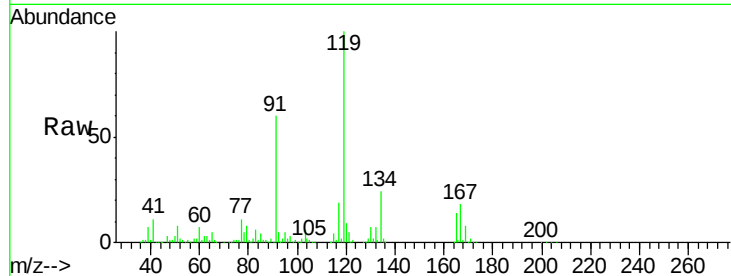




#83
 tert-Butylbenzene
 Concen: 49.90 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

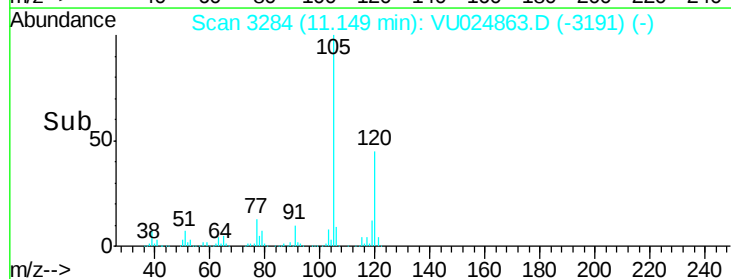
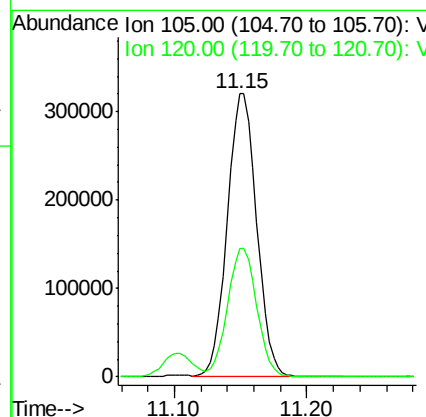
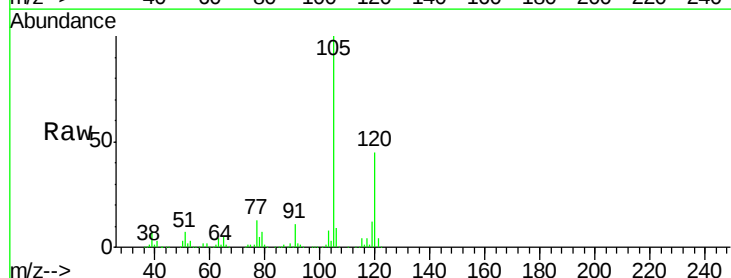
Instrument :
 MSVOA_U
 ClientSampleId :

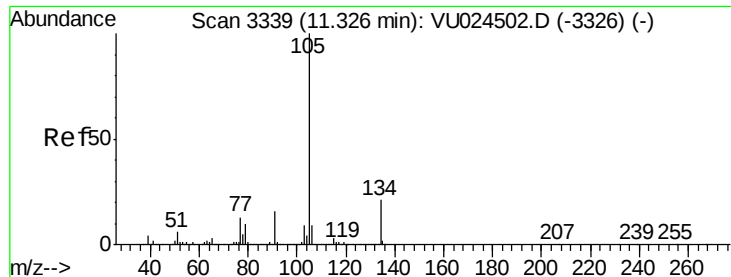
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.7	89.1
134	23.2	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.45 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 48.01 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

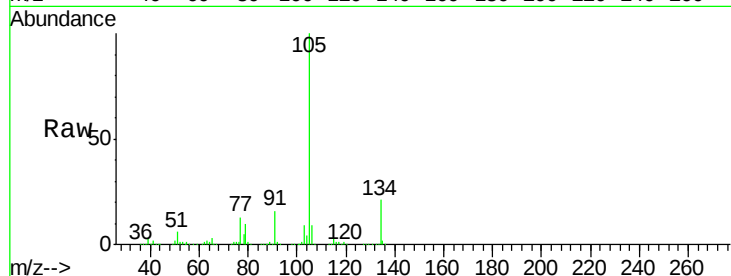
ClientSampleId :

Tot Ion:105 Resp: 576643

Ion Ratio Lower Upper

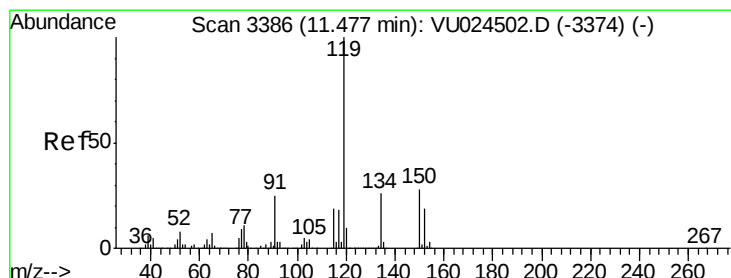
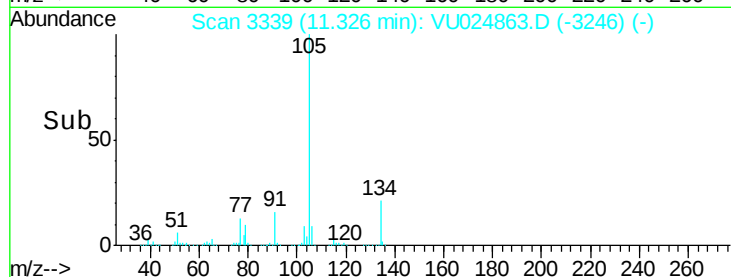
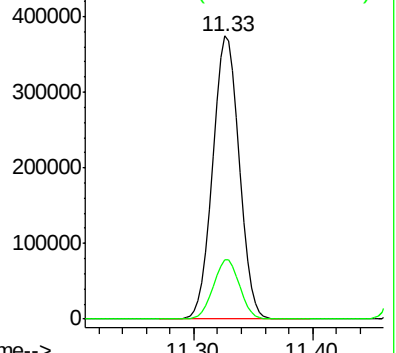
105 100

134 20.8 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: 47.43 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

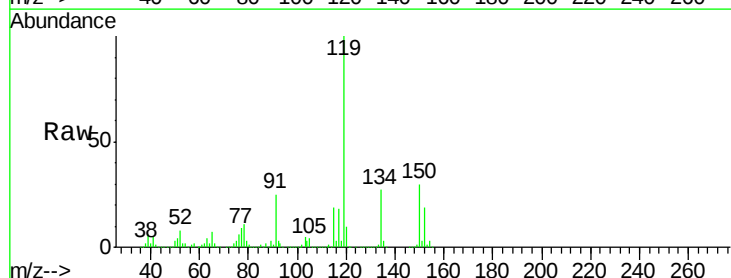
Tgt Ion:119 Resp: 510212

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

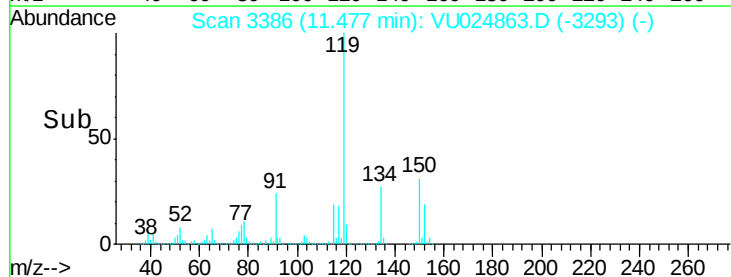
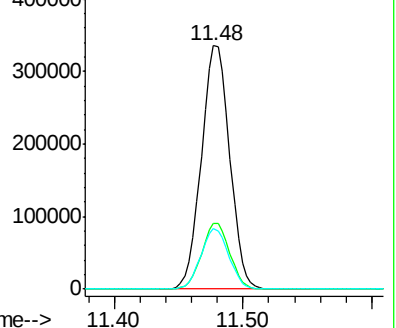
91 24.5 12.0 36.1



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

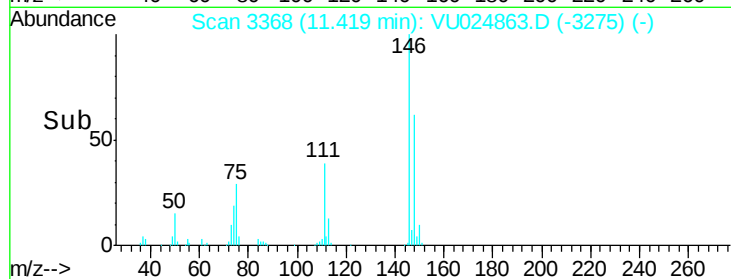
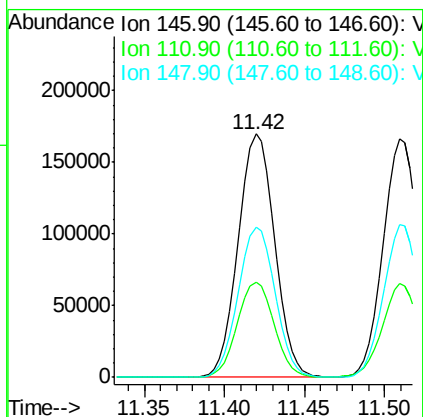
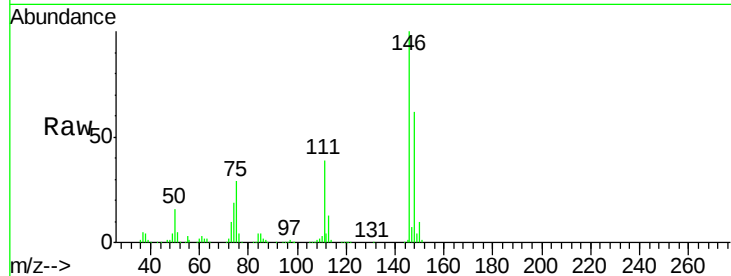




#87
 1,3-Dichlorobenzene
 Concen: 49.08 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

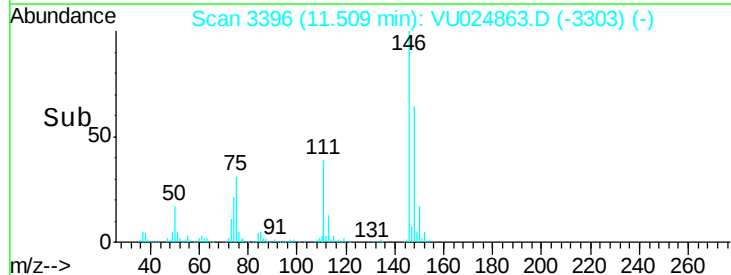
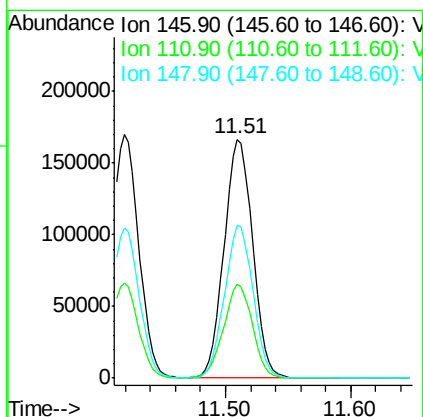
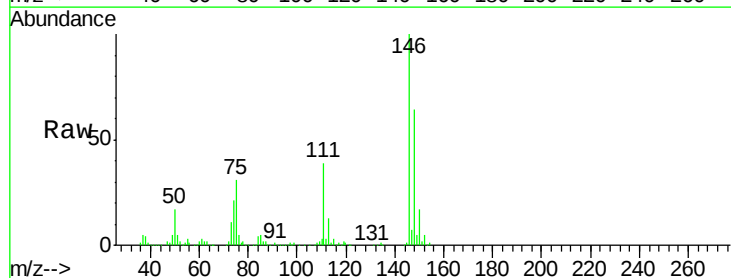
Instrument :
 MSVOA_U
 ClientSampleId :

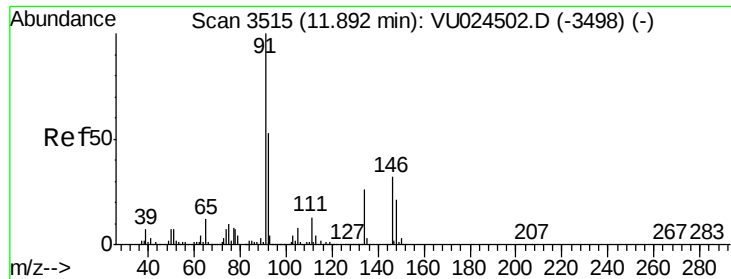
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	62.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.45 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.5	58.5
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 44.87 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampled :

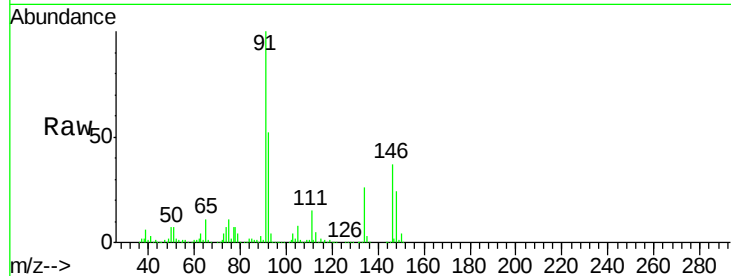
Tot Ion: 91 Resp: 428502

Ion Ratio Lower Upper

91 100

92 53.0 25.6 76.8

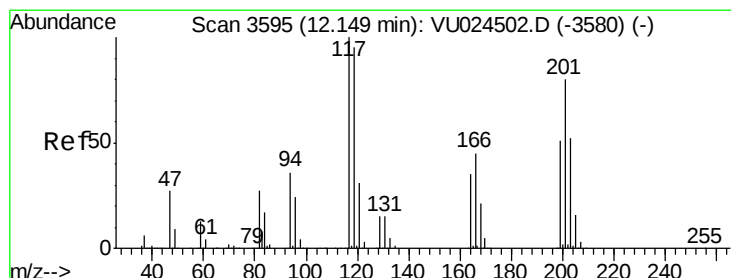
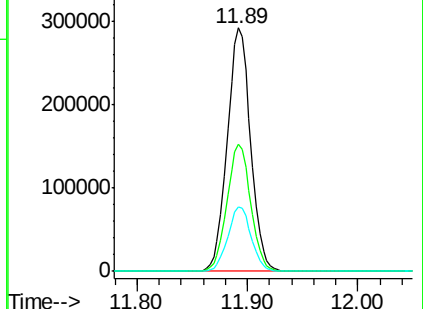
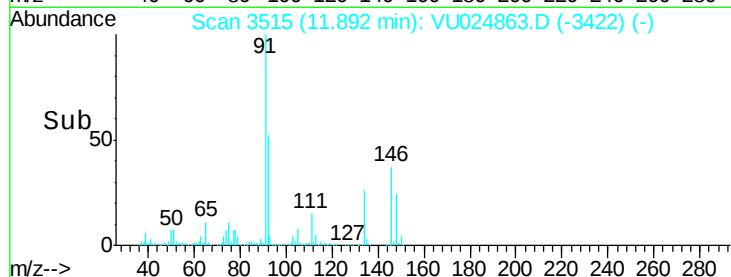
134 26.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VU024863.D (-3422) (-)

Ion 92.00 (91.70 to 92.70): VU024863.D (-3422) (-)

Ion 134.00 (133.70 to 134.70): VU024863.D (-3422) (-)



#90

Hexachloroethane

Concen: 42.49 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024863.D

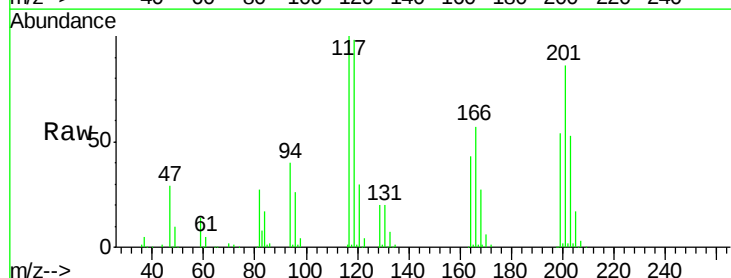
Acq: 23 Jun 2018 03:54

Tgt Ion: 117 Resp: 89157

Ion Ratio Lower Upper

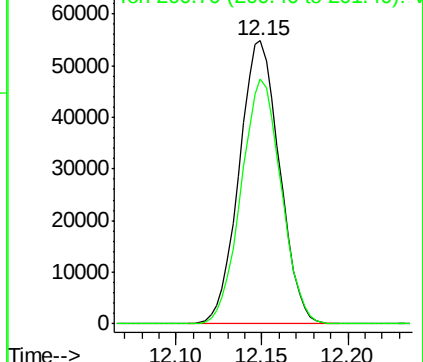
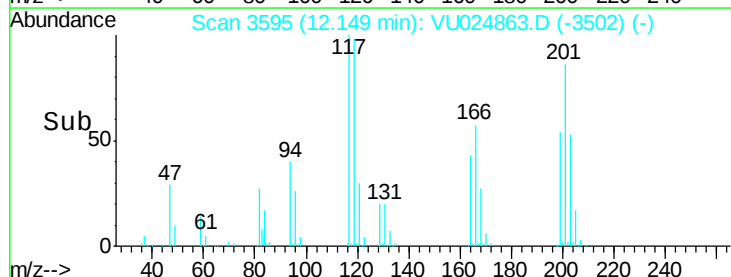
117 100

201 85.7 41.1 123.3



Abundance Ion 116.80 (116.50 to 117.50): VU024863.D (-3502) (-)

Ion 200.70 (200.40 to 201.40): VU024863.D (-3502) (-)





#91

1,2-Dichlorobenzene

Concen: 50.73 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

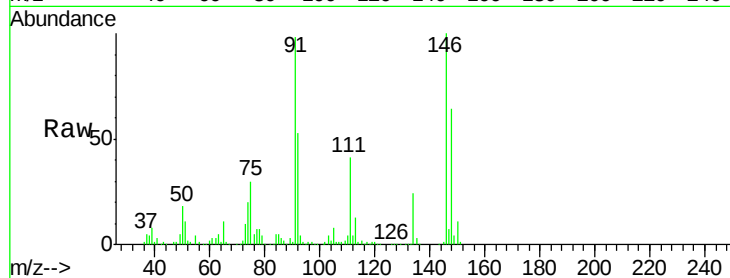
Tot Ion:146 Resp: 273519

Ion Ratio Lower Upper

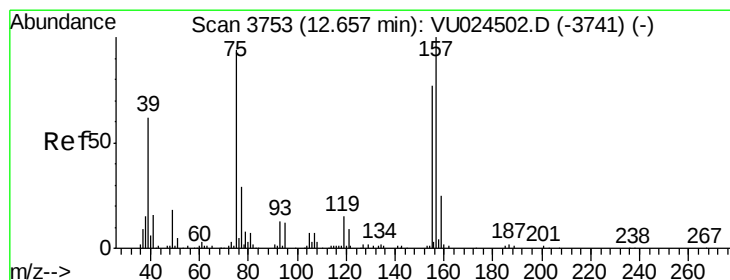
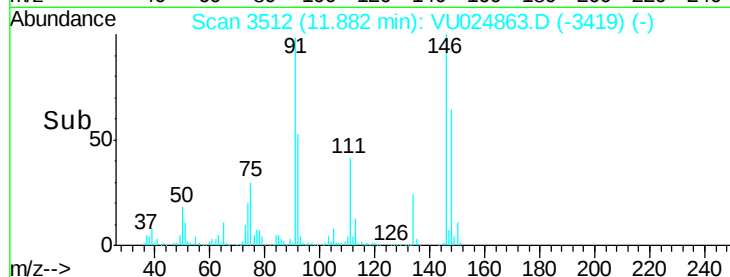
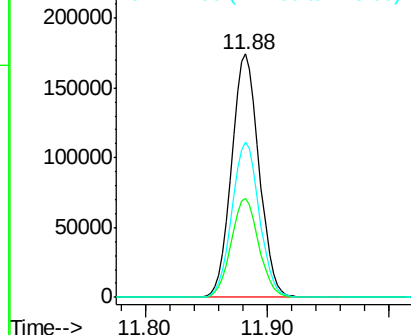
146 100

111 40.8 20.5 61.6

148 63.9 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: 48.64 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

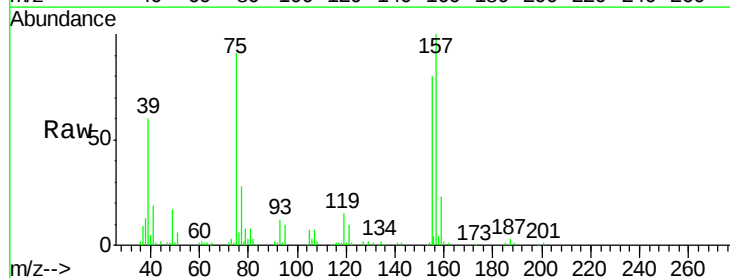
Tgt Ion: 75 Resp: 51756

Ion Ratio Lower Upper

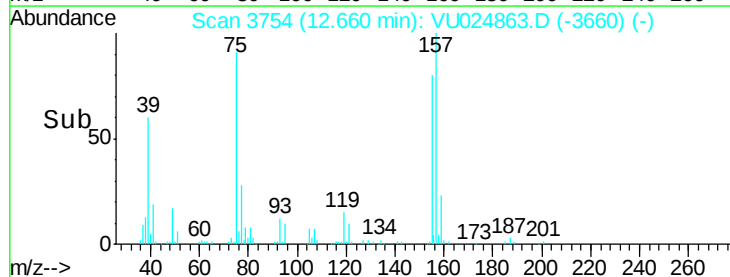
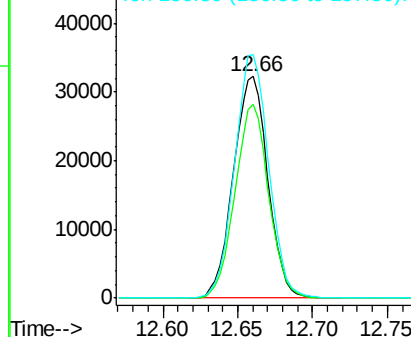
75 100

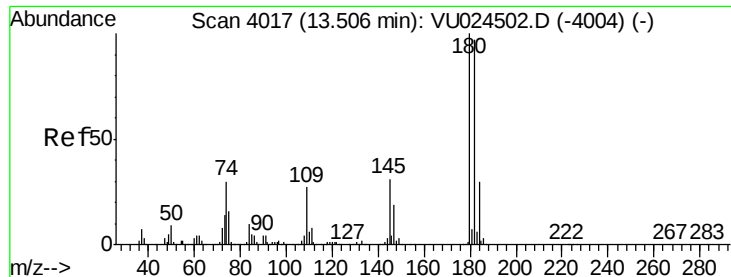
155 85.0 40.4 121.2

157 108.7 52.3 156.8



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

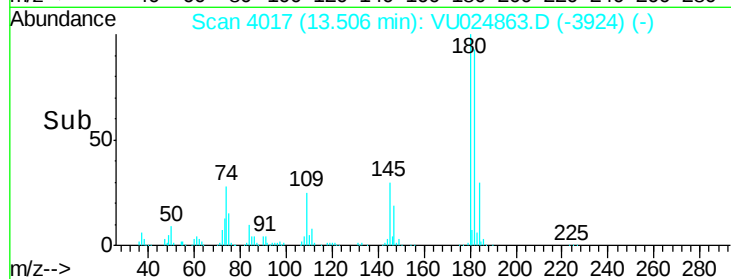
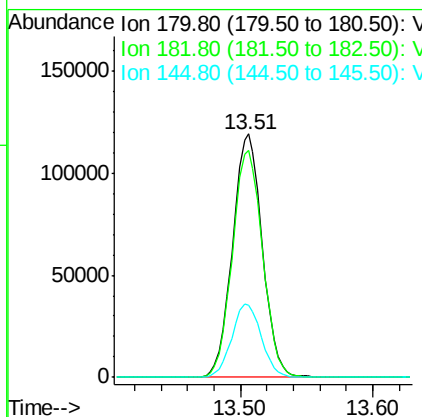
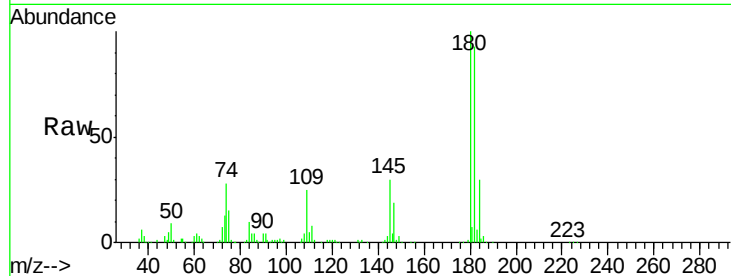




#93
 1,2,4-Trichlorobenzene
 Concen: 55.67 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

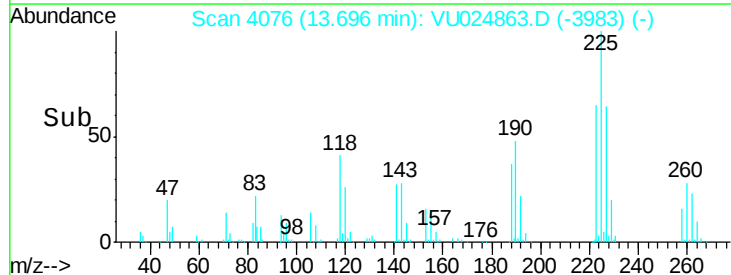
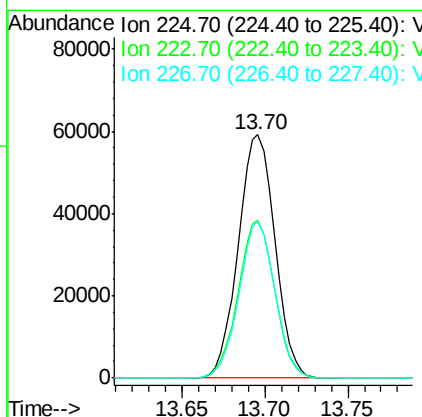
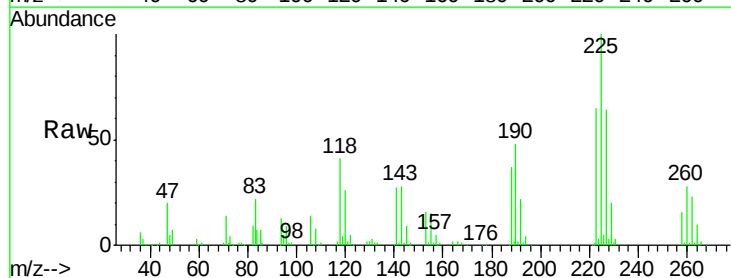
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	30.0	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 48.57 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024863.D
 Acq: 23 Jun 2018 03:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.3	93.8
227	62.8	31.8	95.4





#95

Naphthalene

Concen: 56.05 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

Instrument :

MSVOA_U

ClientSampleId :

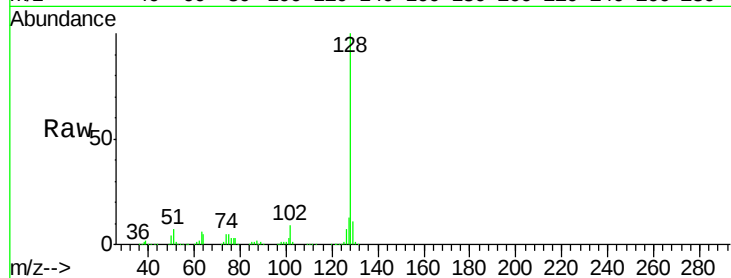
Tot Ion:128 Resp: 618720

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

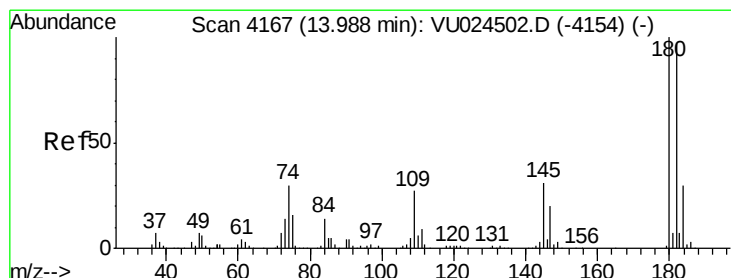
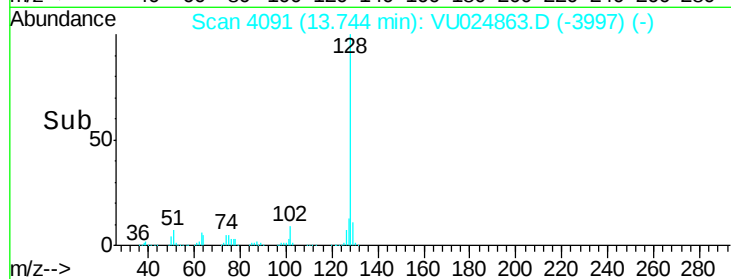
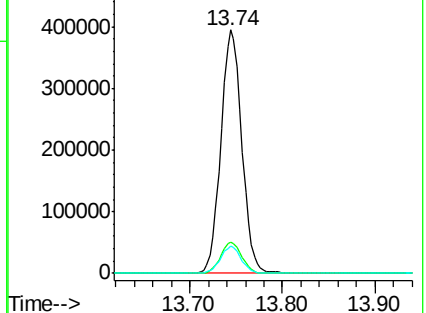
129 10.9 8.6 12.8



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: 59.54 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024863.D

Acq: 23 Jun 2018 03:54

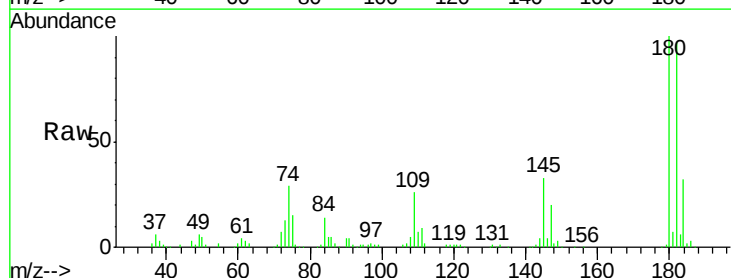
Tgt Ion:180 Resp: 197512

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.8 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

