

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002891.D
 Acq On : 26 Jun 2018 11:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:35:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254452	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	201226	48.32	ug/l	0.00
Spiked Amount						
			Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	160243	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	
50) Toluene-d8	8.72	98	596018	50.79	ug/l	0.00
Spiked Amount						
			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	233190	51.53	ug/l	0.00
Spiked Amount						
			Recovery	=	103.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	137576	51.15	ug/l	98
3) Chloromethane	1.32	50	134207	48.01	ug/l	98
4) Vinyl Chloride	1.41	62	155970	45.78	ug/l	90
5) Bromomethane	1.64	94	116711	74.73	ug/l	99
6) Chloroethane	1.72	64	99345	49.69	ug/l	99
7) Trichlorofluoromethane	1.93	101	291185	50.67	ug/l	98
8) Diethyl Ether	2.19	74	101712	48.68	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	166216	49.91	ug/l	100
10) Methyl Iodide	2.51	142	84454	28.12	ug/l	99
11) Tert butyl alcohol	3.06	59	193838	233.68	ug/l	99
12) 1,1-Dichloroethene	2.37	96	144536	48.65	ug/l	100
13) Acrolein	2.29	56	88951	194.38	ug/l	100
14) Allyl chloride	2.73	41	290778	49.65	ug/l	99
15) Acrylonitrile	3.15	53	426154	240.52	ug/l	100
16) Acetone	2.45	43	497877	288.72	ug/l	98
17) Carbon Disulfide	2.57	76	391991	49.52	ug/l	99
18) Methyl Acetate	2.78	43	249280	51.70	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	531186	49.73	ug/l	100
20) Methylene Chloride	2.86	84	159945	47.66	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	155445	48.04	ug/l	97
22) Diisopropyl ether	3.87	45	565008	50.47	ug/l	98
23) Vinyl Acetate	3.82	43	2395609	252.71	ug/l	99
24) 1,1-Dichloroethane	3.70	63	303697	49.91	ug/l	99
25) 2-Butanone	4.70	43	667566	260.84	ug/l	99
26) 2,2-Dichloropropane	4.59	77	261708	52.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	177722	48.98	ug/l	96
28) Bromochloromethane	5.02	49	151627	52.06	ug/l	94
29) Tetrahydrofuran	5.16	42	405858	247.30	ug/l	98
30) Chloroform	5.21	83	315578	50.54	ug/l	97
31) Cyclohexane	5.57	56	266378	51.01	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	283501	51.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	229534	51.58	ug/l	99
37) Ethyl Acetate	4.86	43	245754	51.29	ug/l	99
38) Carbon Tetrachloride	5.79	117	260804	53.41	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	280617	54.14	ug/l	97
40) Benzene	6.14	78	666260	51.53	ug/l	99
41) Methacrylonitrile	5.06	41	141803	51.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	261604	50.09	ug/l	100
43) Isopropyl Acetate	6.46	43	414725	51.61	ug/l	99
44) Trichloroethene	7.21	130	198205	51.42	ug/l	97
45) 1,2-Dichloropropane	7.52	63	179439	52.32	ug/l	98
46) Dibromomethane	7.67	93	121829	51.18	ug/l	98
47) Bromodichloromethane	7.90	83	243492	55.33	ug/l	97
48) Methyl methacrylate	7.78	41	217282	52.48	ug/l	98
49) 1,4-Dioxane	7.76	88	79755	990.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1330664	264.67	ug/l	98
52) Toluene	8.79	92	437175	52.78	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	279455	56.08	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	264199	55.10	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	178659	52.49	ug/l	97
56) Ethyl methacrylate	9.18	69	266376	53.55	ug/l	99
57) 1,3-Dichloropropane	9.37	76	291903	52.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	602635	251.11	ug/l	99
59) 2-Hexanone	9.50	43	1038658	271.82	ug/l	97
60) Dibromochloromethane	9.59	129	202351	56.47	ug/l	100
61) 1,2-Dibromoethane	9.68	107	190495	53.36	ug/l	99
64) Tetrachloroethene	9.34	164	220755	50.86	ug/l	98
65) Chlorobenzene	10.14	112	511379	51.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	192574	53.47	ug/l	100
67) Ethyl Benzene	10.26	91	877057	53.55	ug/l	99
68) m/p-Xylenes	10.36	106	685297	108.57	ug/l	100
69) o-Xylene	10.70	106	331283	53.90	ug/l	99
70) Styrene	10.71	104	544656	54.54	ug/l	99
71) Bromoform	10.86	173	161153	49.56	ug/l #	99
73) Isopropylbenzene	11.02	105	915749	53.50	ug/l	100
74) N-amyl acetate	6.46	43	414725	49.52	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	269196	51.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	313746	68.07	ug/l	79
77) Bromobenzene	11.26	156	248250	50.93	ug/l	98
78) n-propylbenzene	11.37	91	1065020	54.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	616637	52.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	782176	54.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	77202	48.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	746507	53.45	ug/l	100
83) tert-Butylbenzene	11.77	119	779426	54.86	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	805344	53.91	ug/l	99
85) sec-Butylbenzene	11.95	105	945567	54.86	ug/l	100
86) p-Isopropyltoluene	12.07	119	861200	55.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	466723	52.42	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	473754	51.71	ug/l	99
89) n-Butylbenzene	12.39	91	769607	57.06	ug/l	99
90) Hexachloroethane	12.60	117	126620	54.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	464867	51.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	62328	52.58	ug/l	98

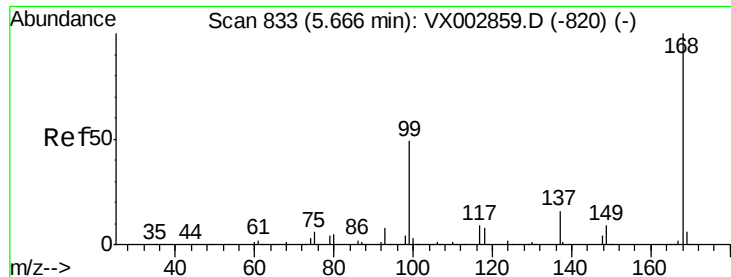
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	360171	55.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	181860	55.75	ug/l	100
95) Naphthalene	13.84	128	950254	54.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	354036	54.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

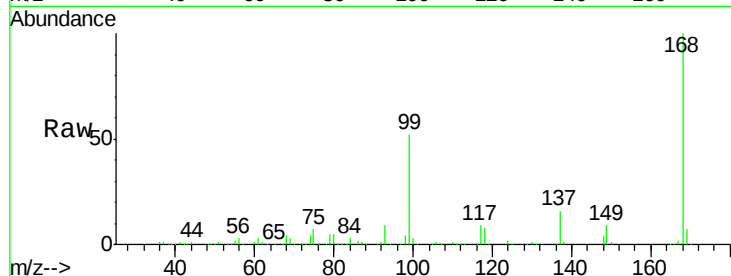
ClientSampleId :

Tot Ion:168 Resp: 301263

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

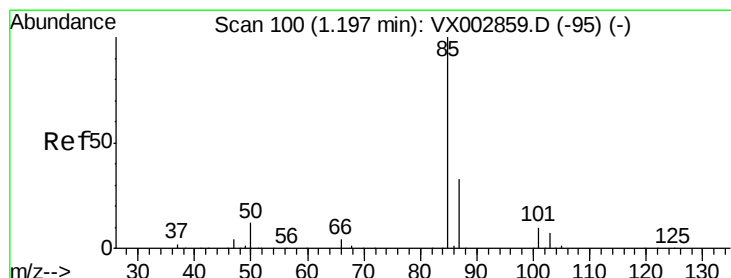
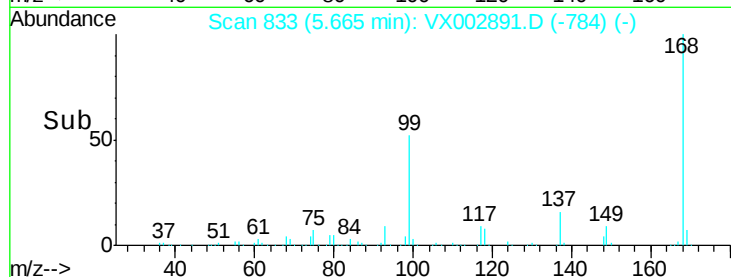
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.15 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002891.D

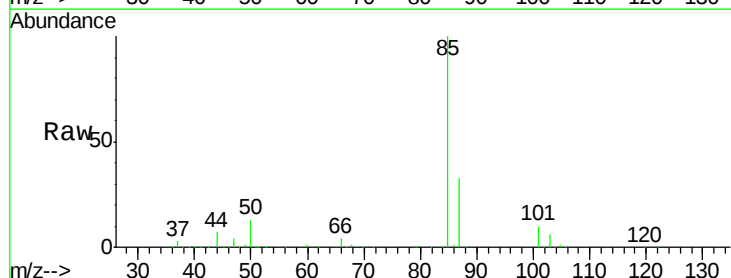
Acq: 26 Jun 2018 11:12

Tgt Ion: 85 Resp: 137576

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

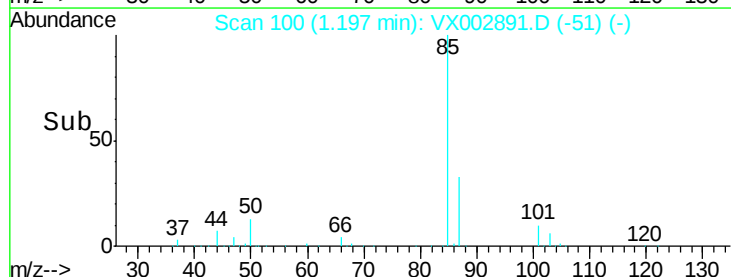
150000

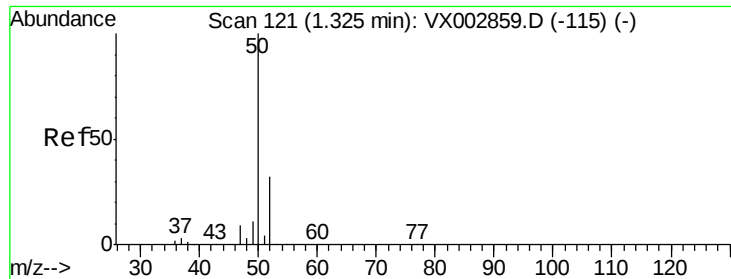
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.01 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

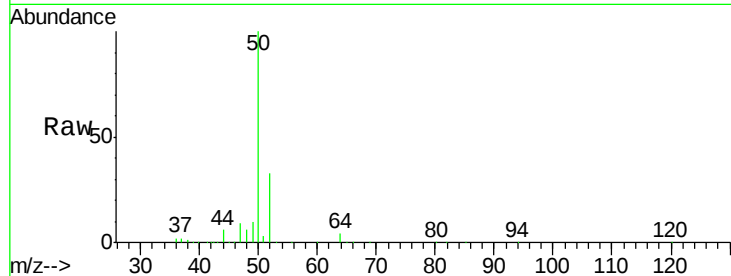
ClientSampleId :

Tot Ion: 50 Resp: 134207

Ion Ratio Lower Upper

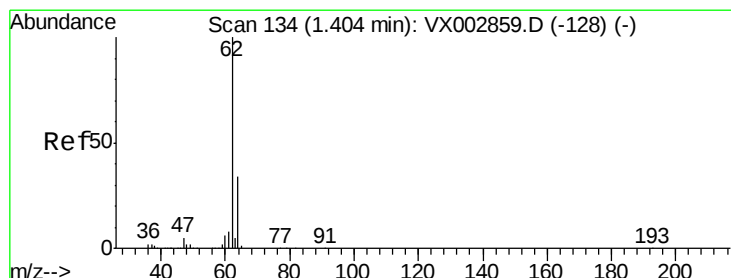
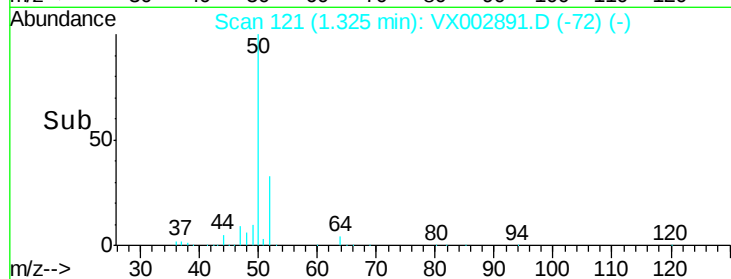
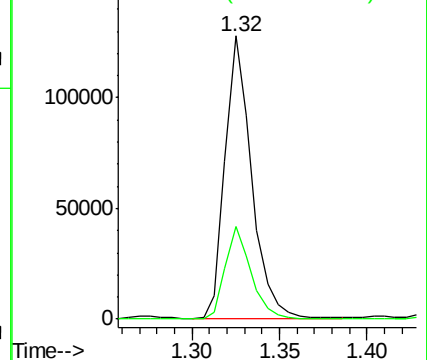
50 100

52 33.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.78 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002891.D

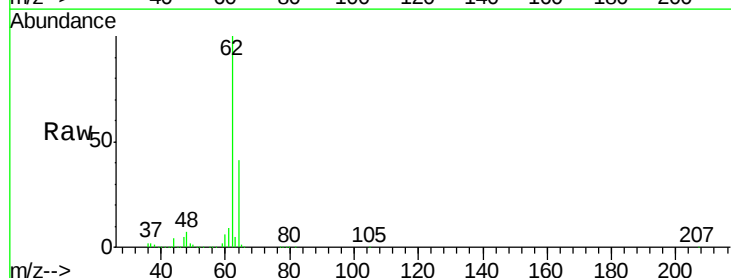
Acq: 26 Jun 2018 11:12

Tgt Ion: 62 Resp: 155970

Ion Ratio Lower Upper

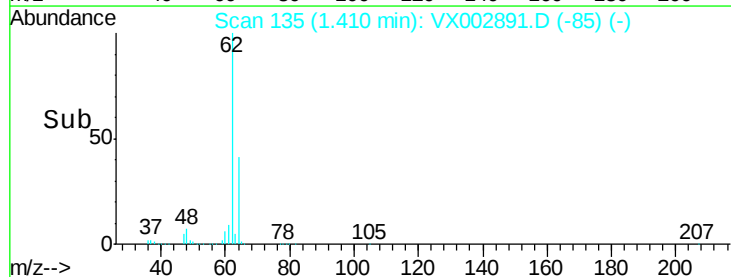
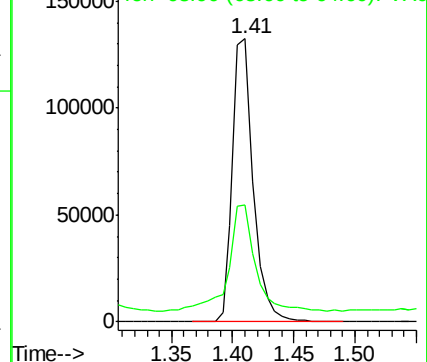
62 100

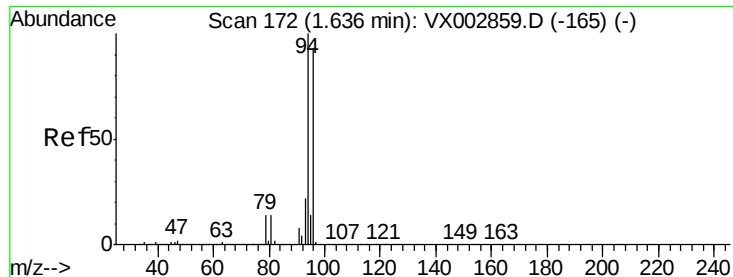
64 37.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 74.73 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

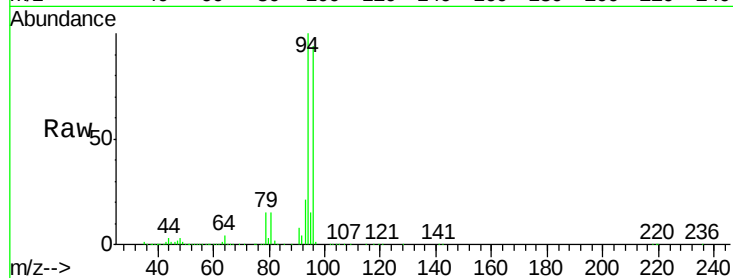
ClientSampleId :

Tot Ion: 94 Resp: 116711

Ion Ratio Lower Upper

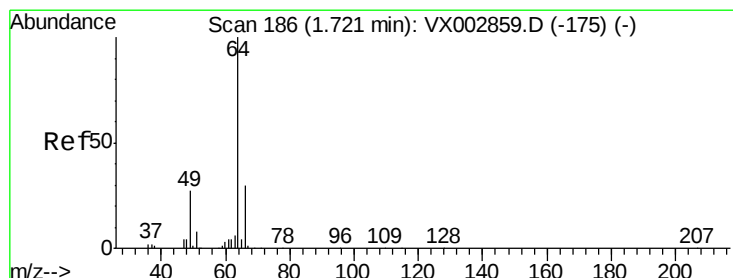
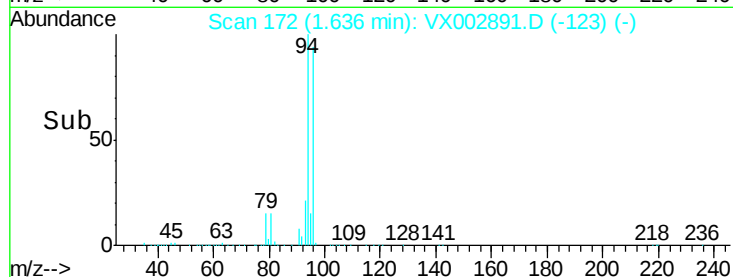
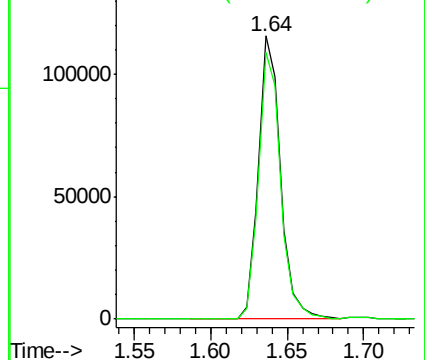
94 100

96 94.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.69 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002891.D

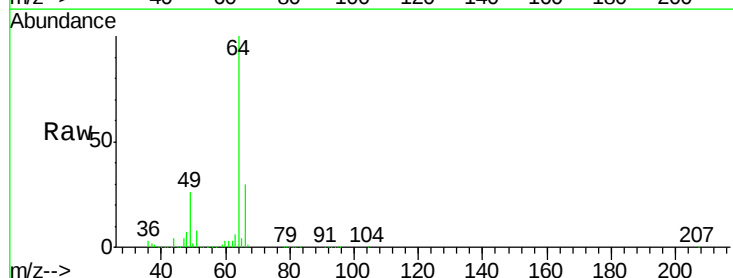
Acq: 26 Jun 2018 11:12

Tgt Ion: 64 Resp: 99345

Ion Ratio Lower Upper

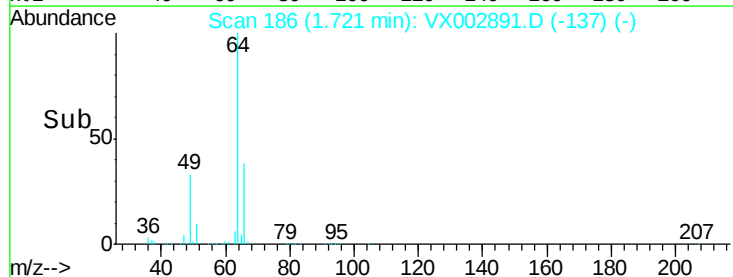
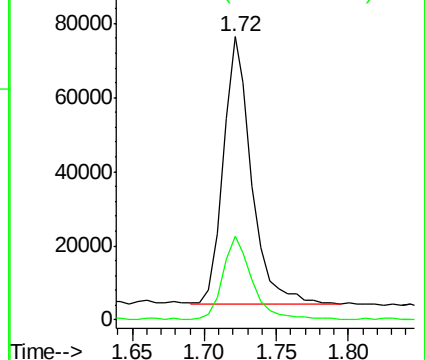
64 100

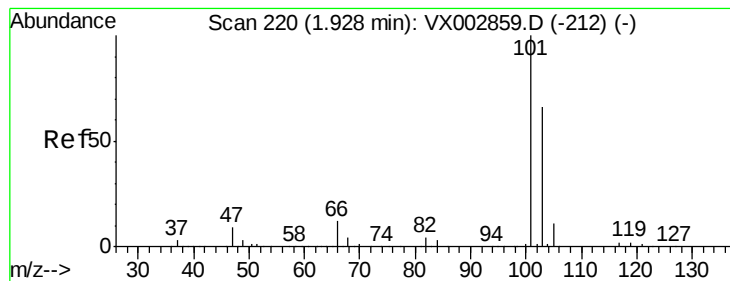
66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



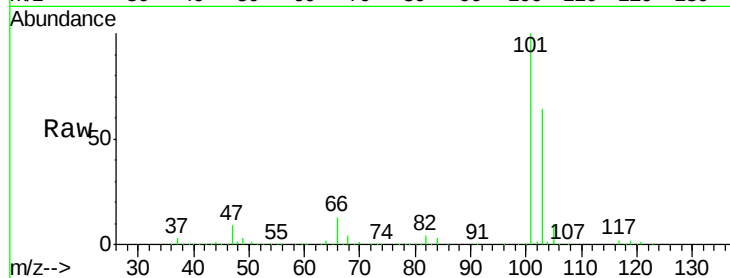


#7

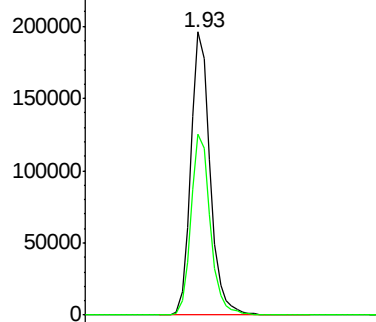
Trichlorofluoromethane
 Concen: 50.67 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :

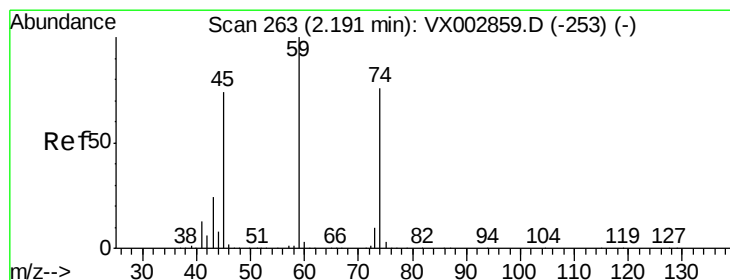
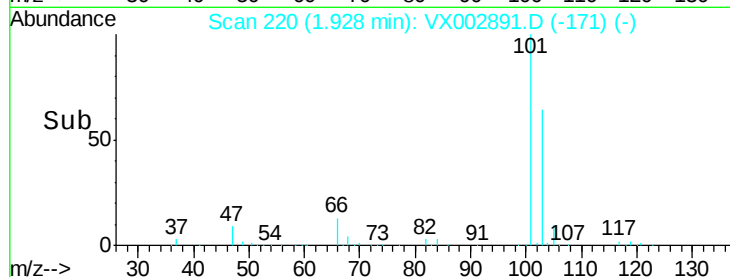
Tot Ion:101 Resp: 291185
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



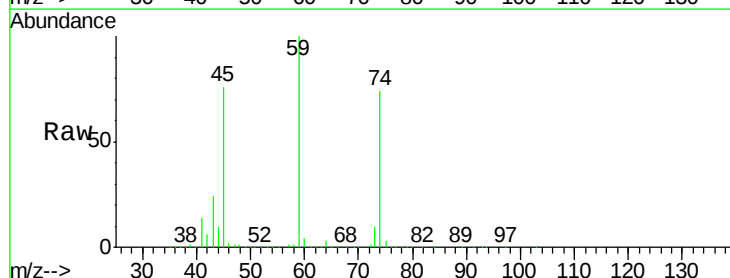
Time-->



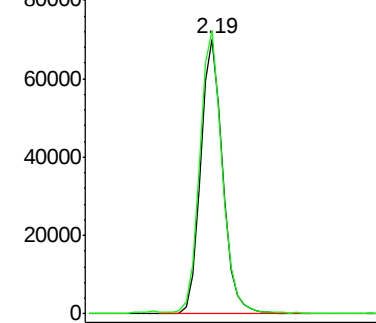
#8

Diethyl Ether
 Concen: 48.68 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

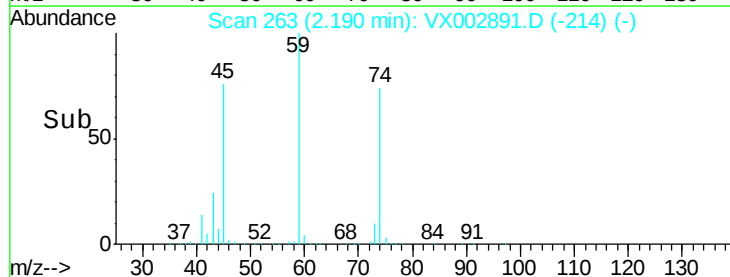
Tgt Ion: 74 Resp: 101712
 Ion Ratio Lower Upper
 74 100
 45 104.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.91 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampled :

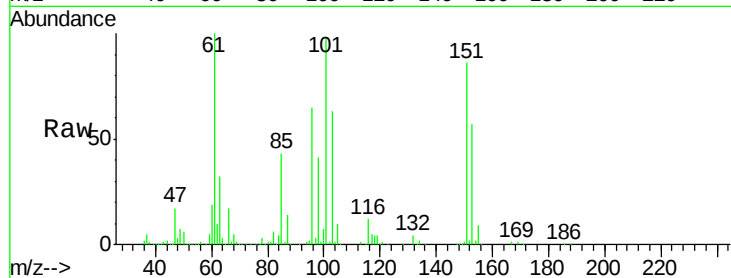
Tot Ion:101 Resp: 166216

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

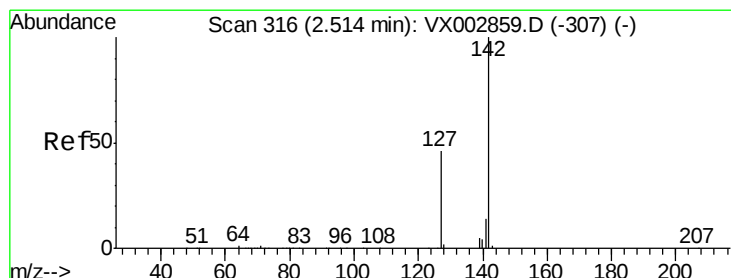
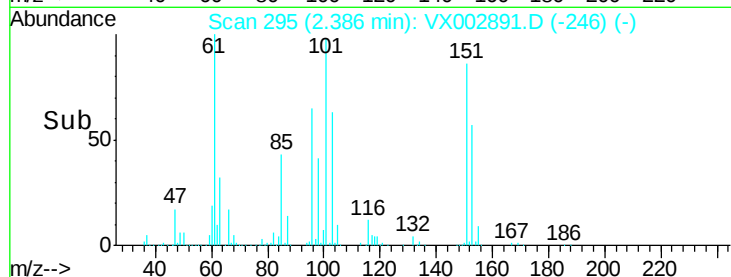
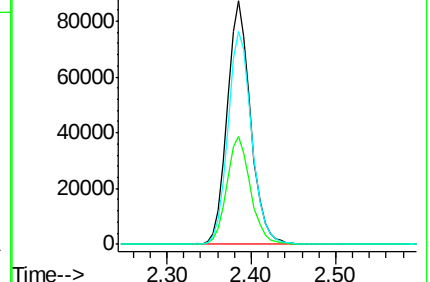
151 89.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 28.12 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

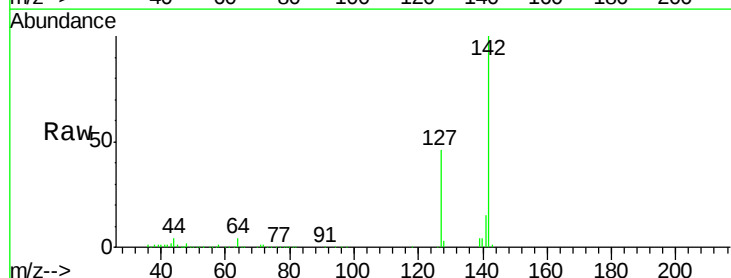
Tgt Ion:142 Resp: 84454

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

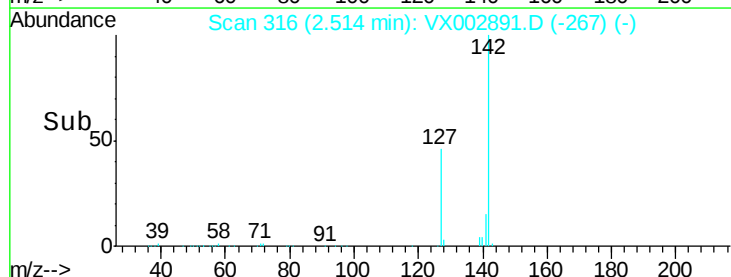
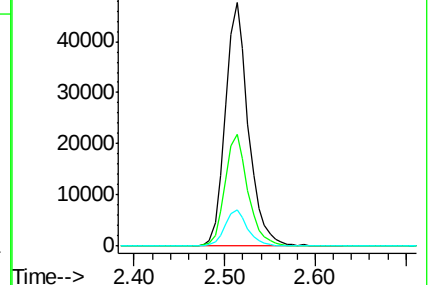
141 14.8 11.3 16.9

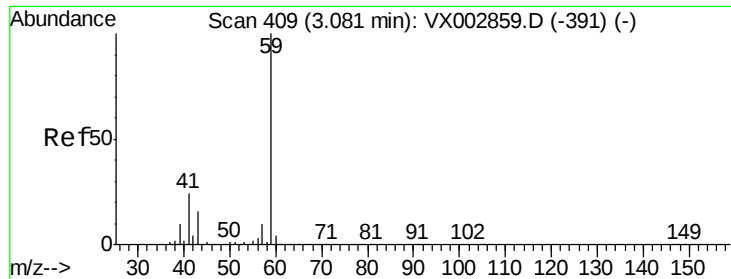


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



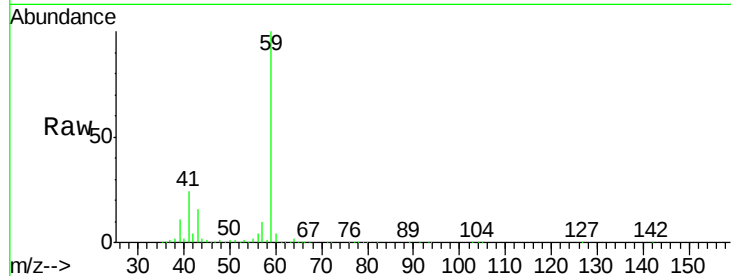


#11

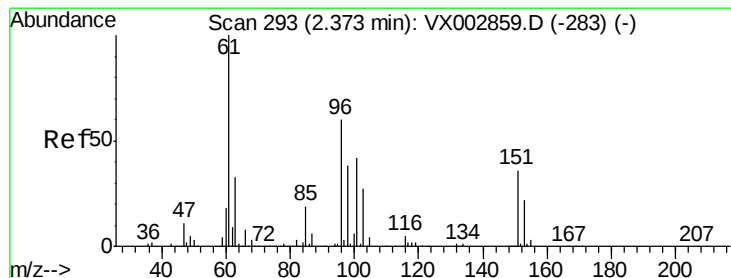
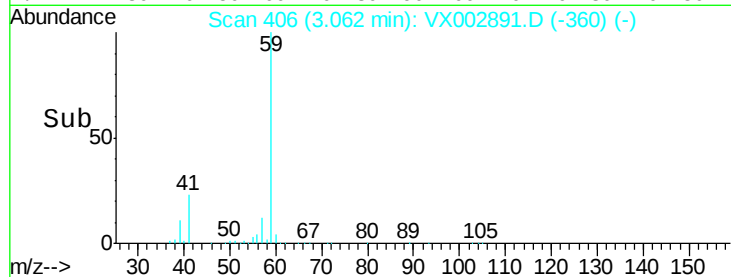
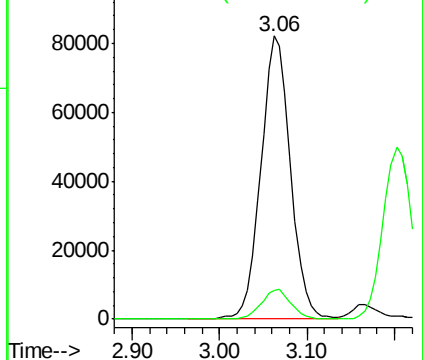
Tert butyl alcohol
Concen: 233.68 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 193838
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



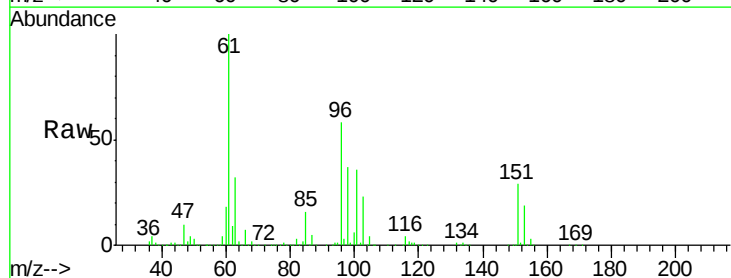
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



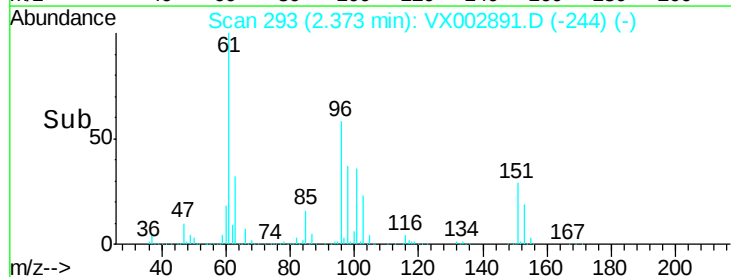
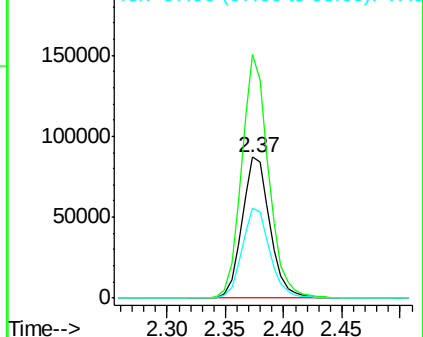
#12

1,1-Dichloroethene
Concen: 48.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 96 Resp: 144536
Ion Ratio Lower Upper
96 100
61 172.8 137.9 206.9
98 64.0 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 194.38 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

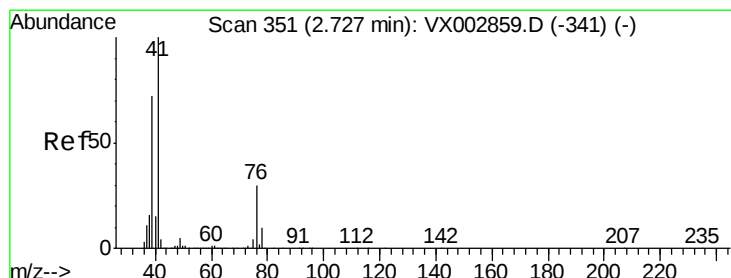
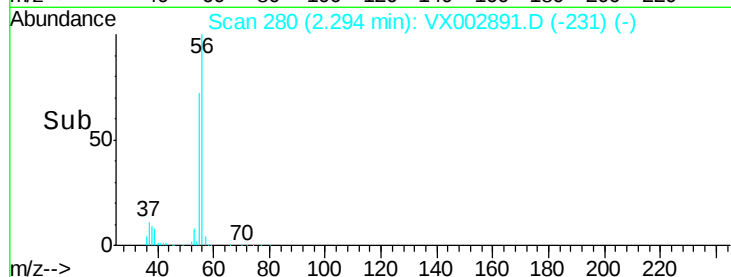
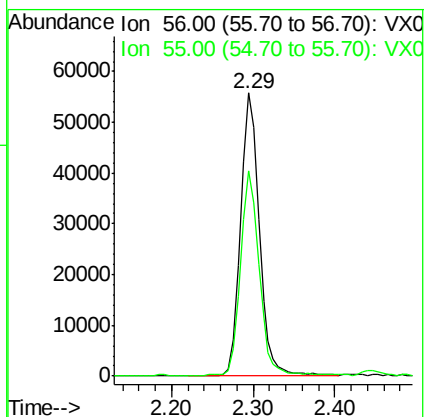
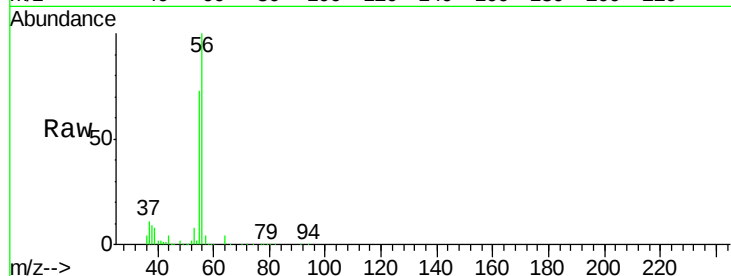
ClientSampleId :

Tot Ion: 56 Resp: 88951

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 49.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

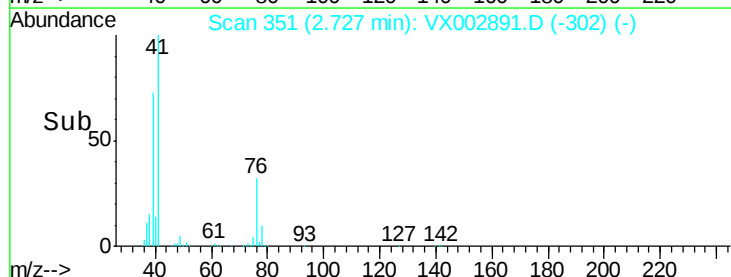
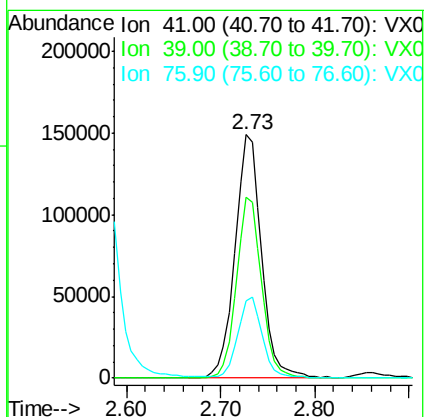
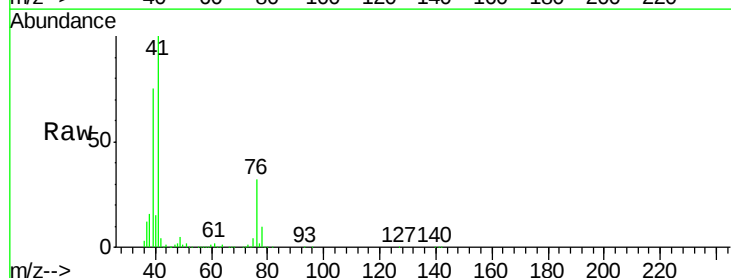
Tgt Ion: 41 Resp: 290778

Ion Ratio Lower Upper

41 100

39 70.3 56.8 85.2

76 30.7 23.8 35.8





#15

Acrylonitrile

Concen: 240.52 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

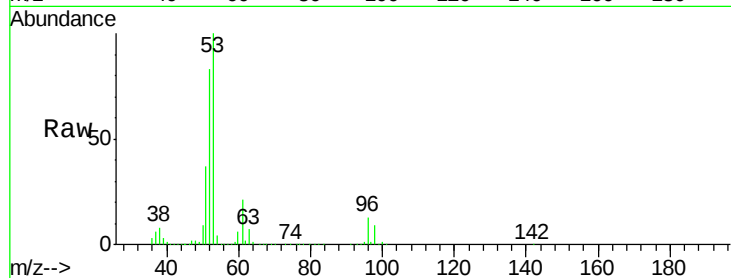
Tot Ion: 53 Resp: 426154

Ion Ratio Lower Upper

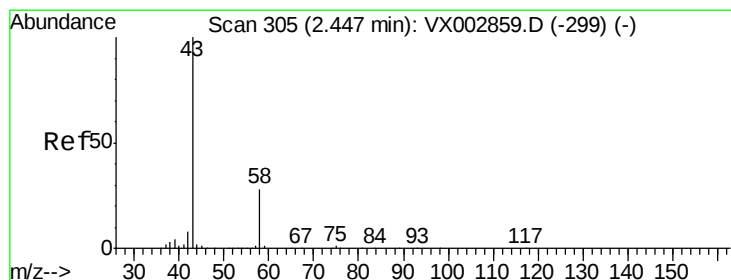
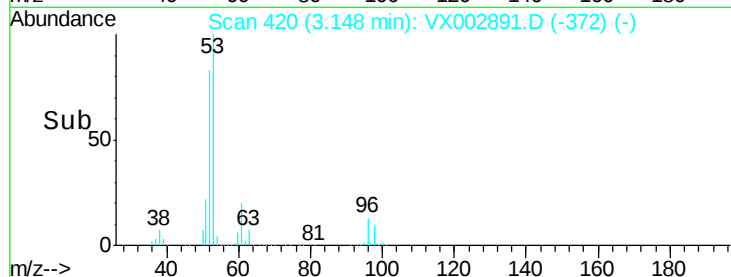
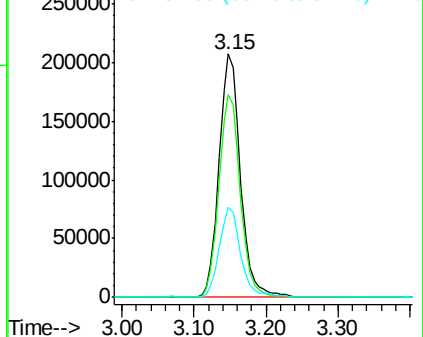
53 100

52 83.8 66.7 100.1

51 37.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 288.72 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002891.D

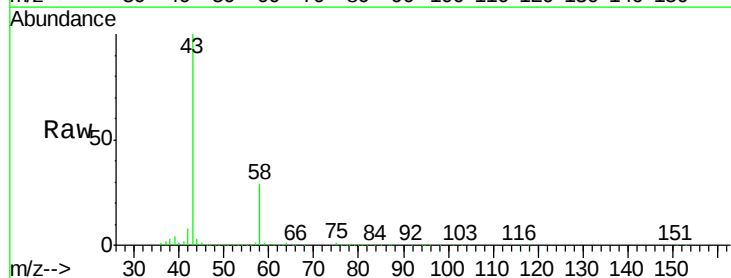
Acq: 26 Jun 2018 11:12

Tgt Ion: 43 Resp: 497877

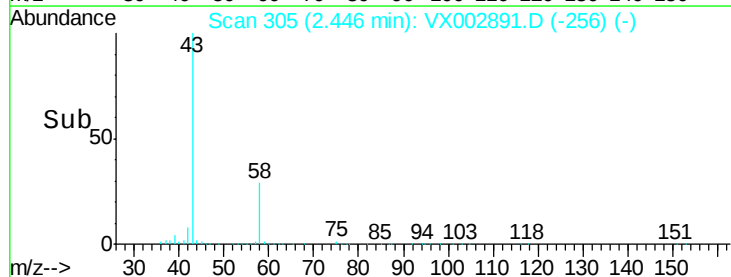
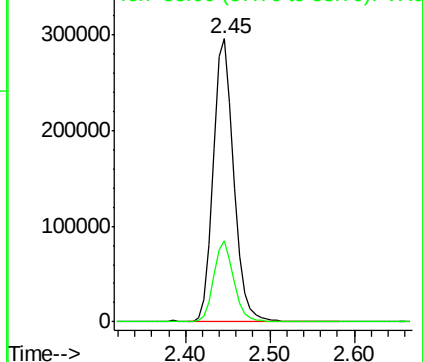
Ion Ratio Lower Upper

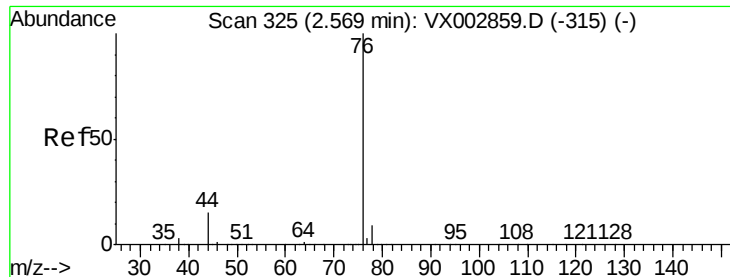
43 100

58 28.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

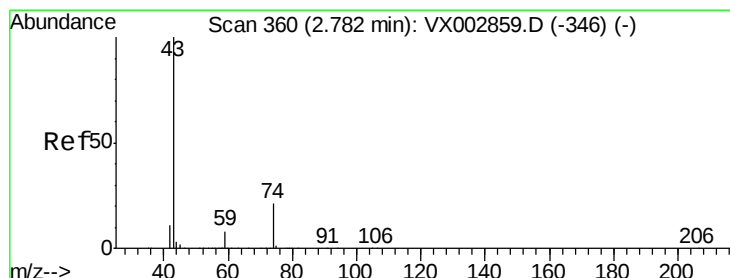
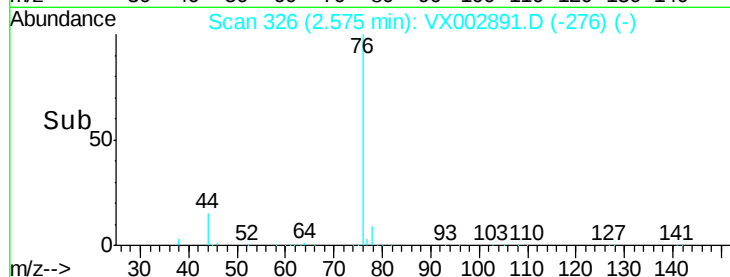
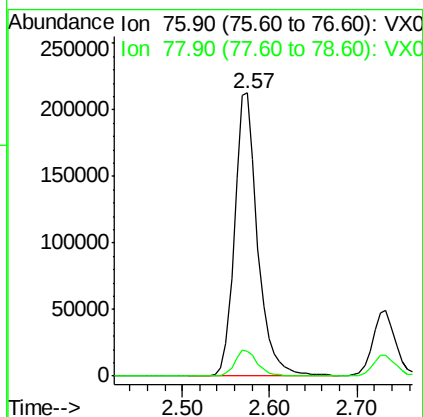
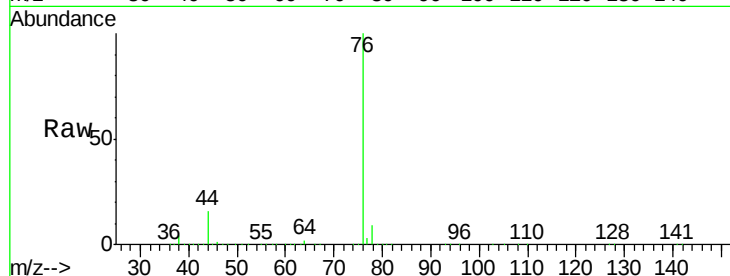




#17
Carbon Disulfide
Concen: 49.52 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

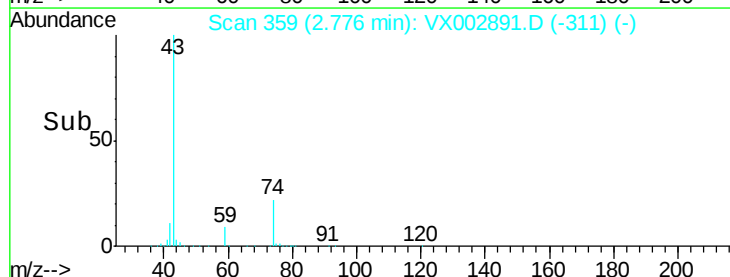
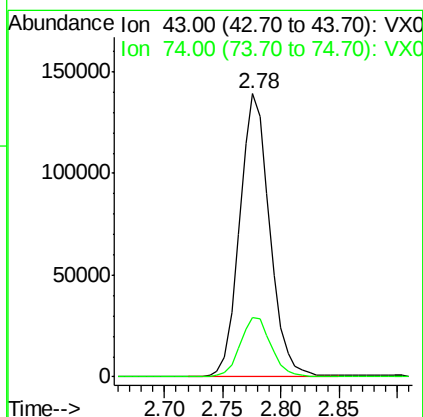
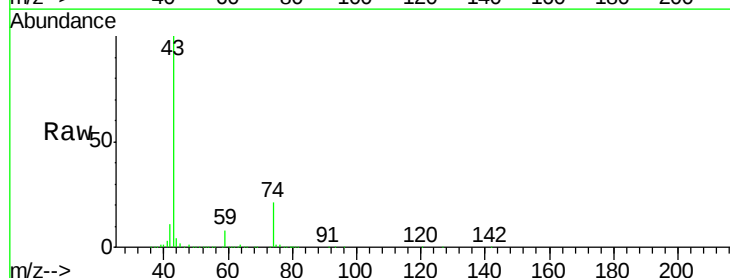
Instrument :
MSVOA_X
ClientSampleId :

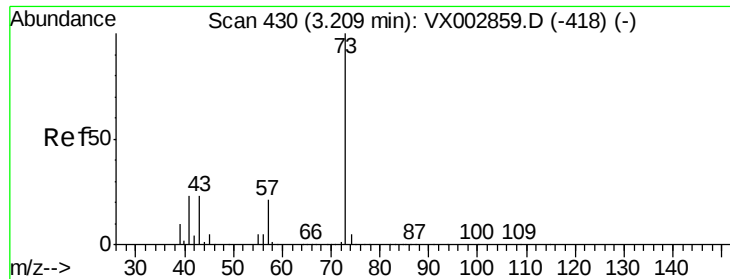
Tot Ion: 76 Resp: 391991
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 51.70 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 43 Resp: 249280
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1

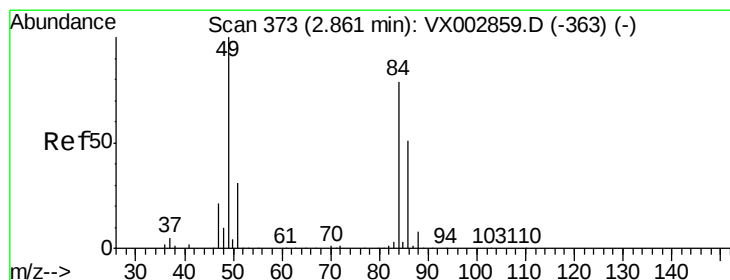
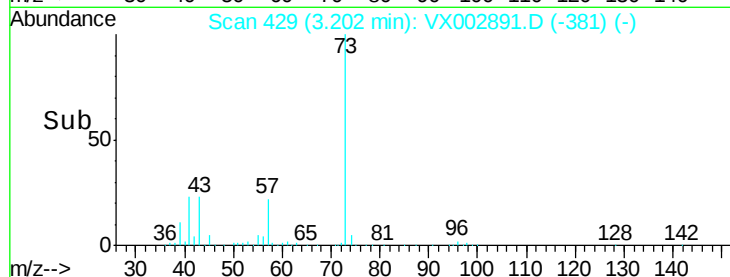
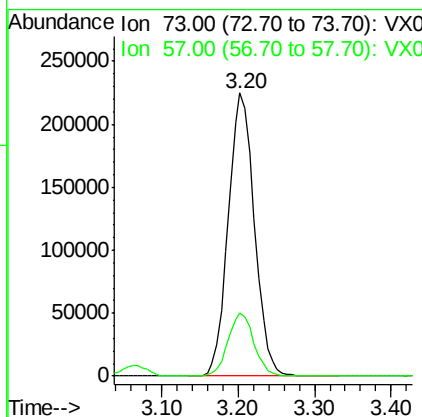
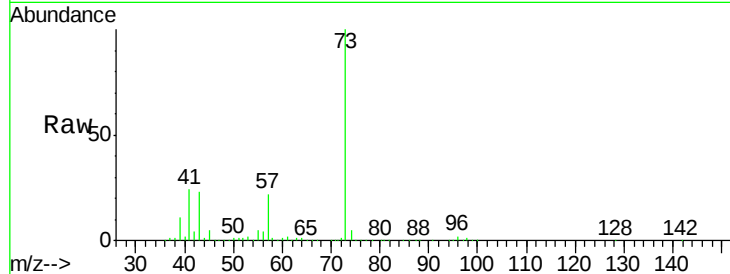




#19
Methyl tert-butyl Ether
Concen: 49.73 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

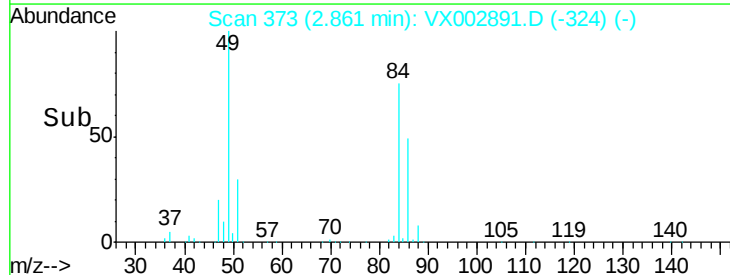
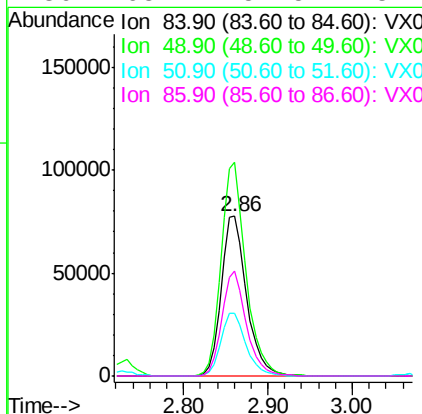
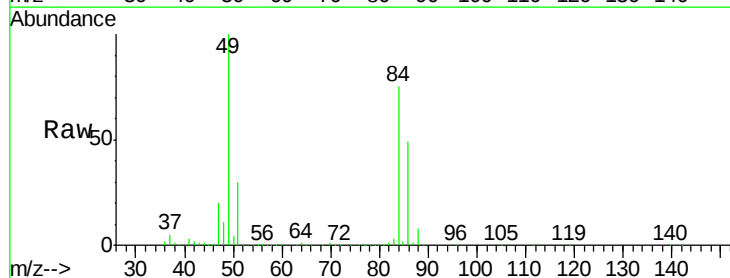
Instrument :
MSVOA_X
ClientSampleId :

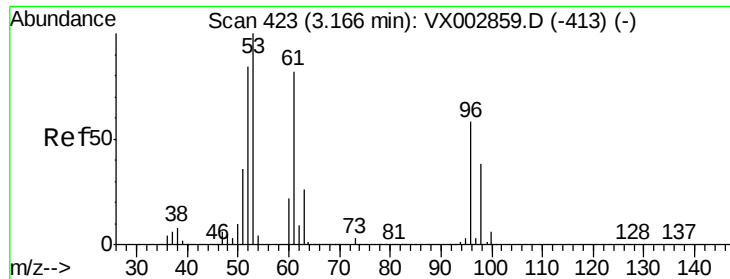
Tot Ion: 73 Resp: 531186
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 47.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 84 Resp: 159945
Ion Ratio Lower Upper
84 100
49 133.8 107.8 161.6
51 39.5 32.8 49.2
86 65.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

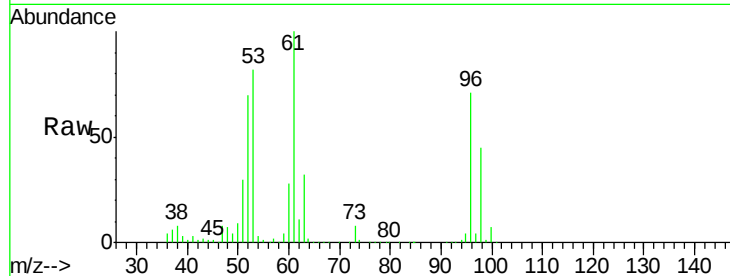
Tot Ion: 96 Resp: 155445

Ion Ratio Lower Upper

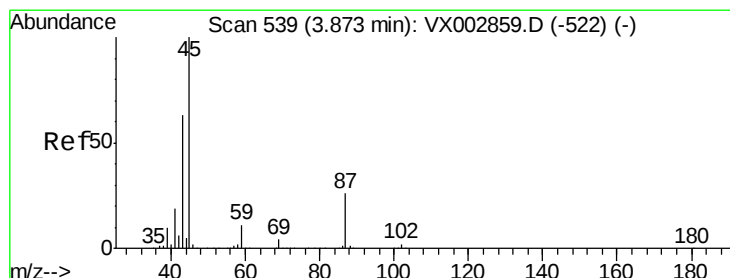
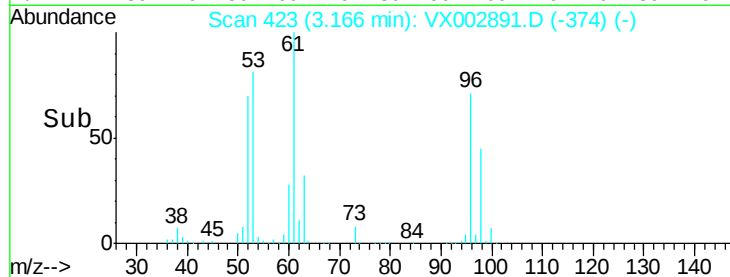
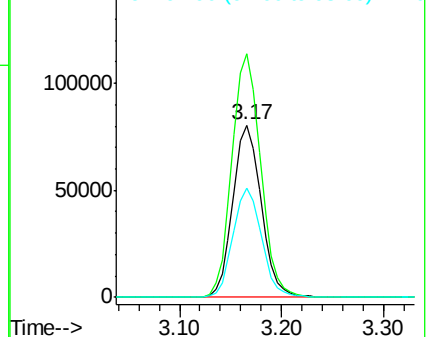
96 100

61 141.4 117.0 175.4

98 63.7 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.47 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion: 45 Resp: 565008

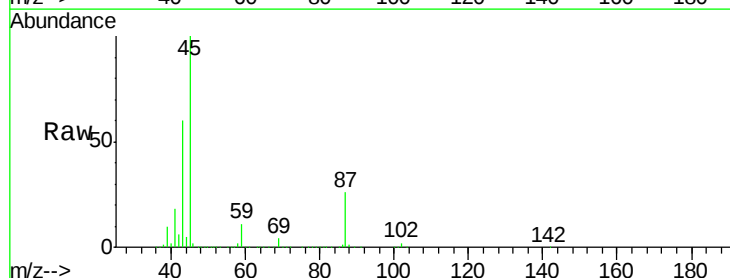
Ion Ratio Lower Upper

45 100

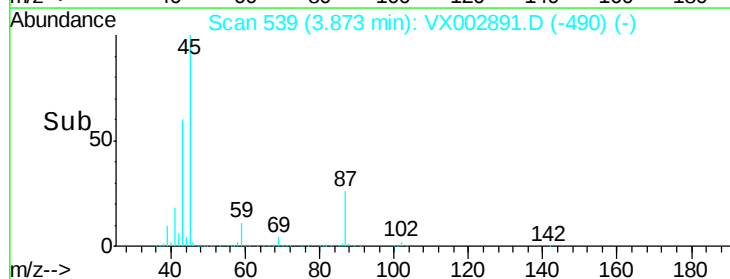
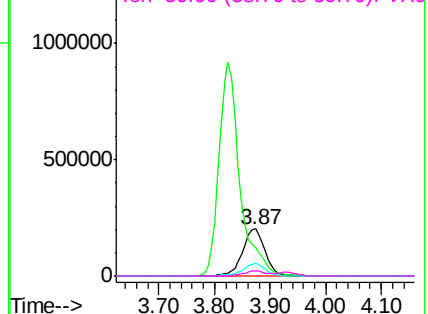
43 60.2 46.8 70.2

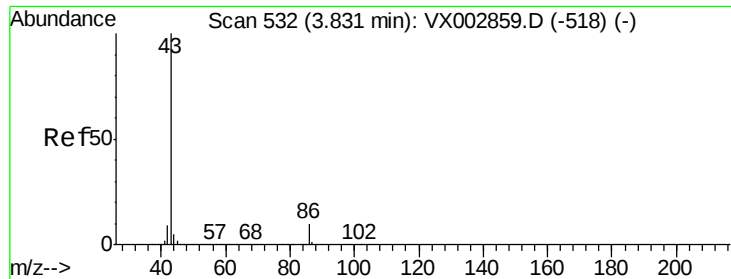
87 26.1 20.2 30.4

59 11.2 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

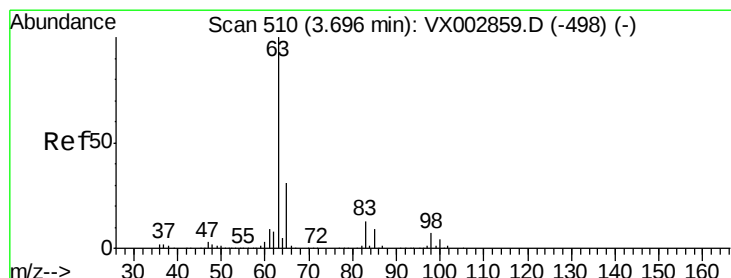
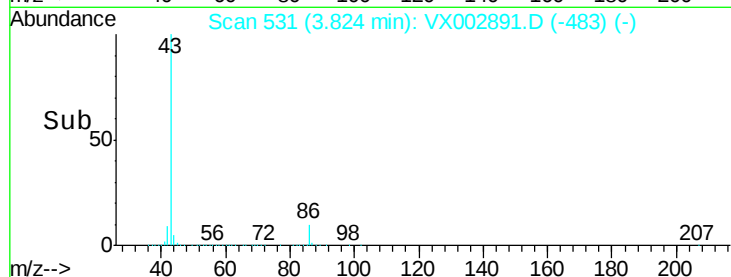
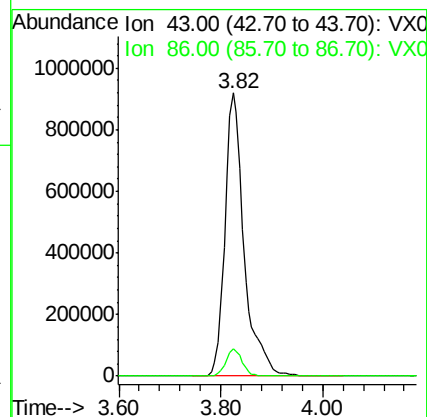
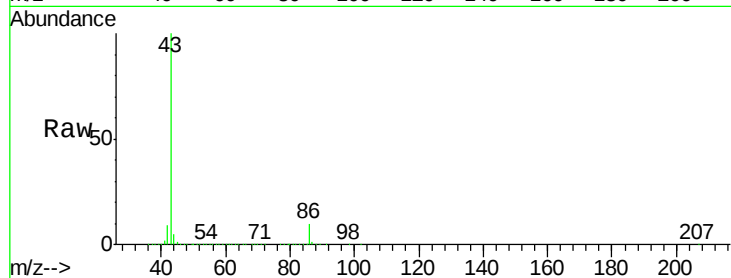




#23
 Vinyl Acetate
 Concen: 252.71 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

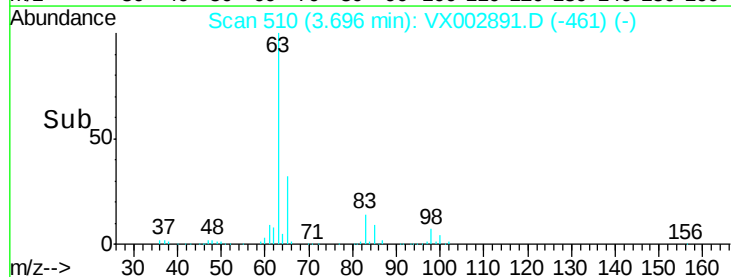
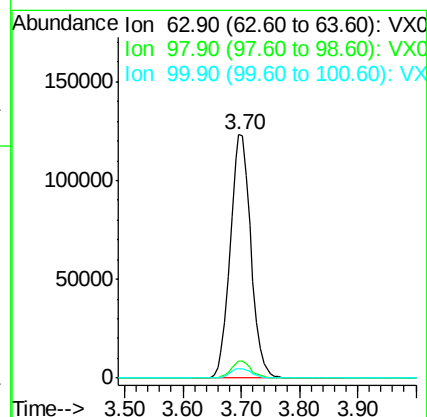
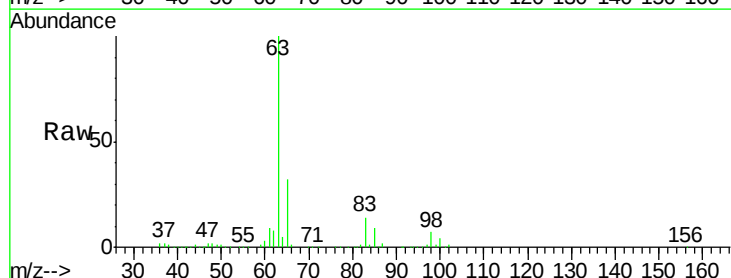
Instrument :
 MSVOA_X
 ClientSampled :

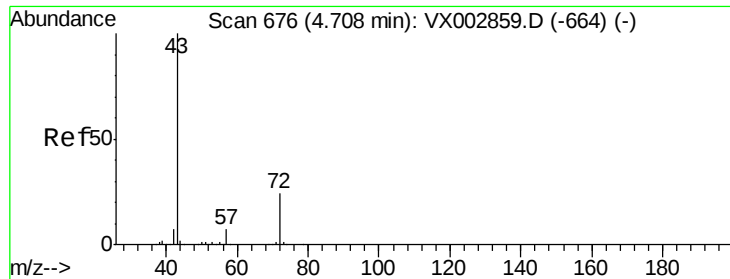
Tot Ion: 43 Resp: 2395609
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 49.91 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion: 63 Resp: 303697
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 260.84 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

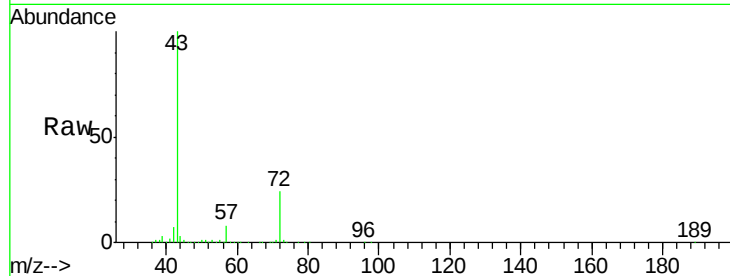
ClientSampled :

Tot Ion: 43 Resp: 667566

Ion Ratio Lower Upper

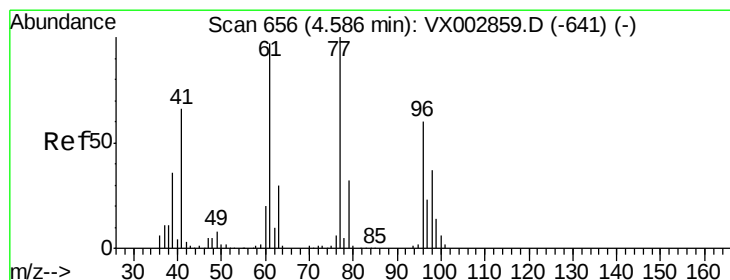
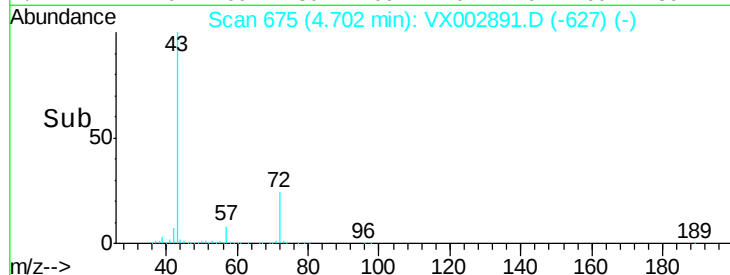
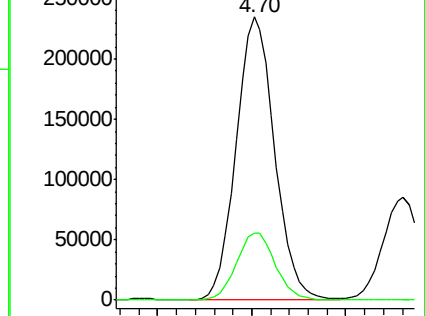
43 100

72 23.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002891.D

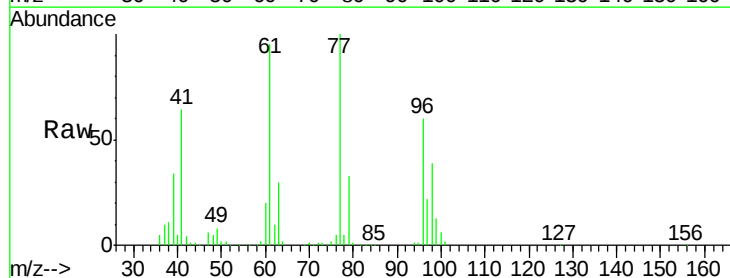
Acq: 26 Jun 2018 11:12

Tgt Ion: 77 Resp: 261708

Ion Ratio Lower Upper

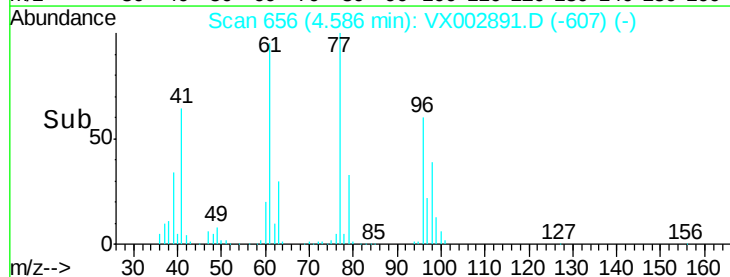
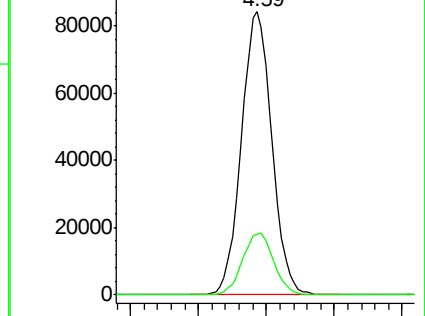
77 100

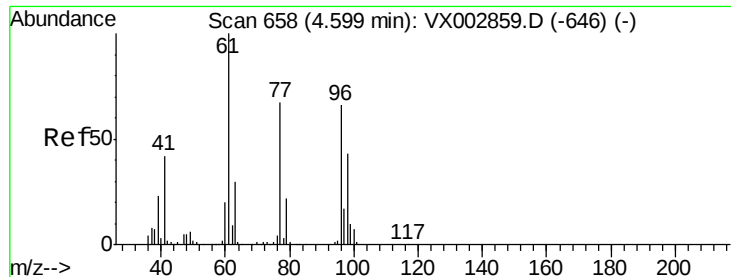
97 22.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.98 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampled :

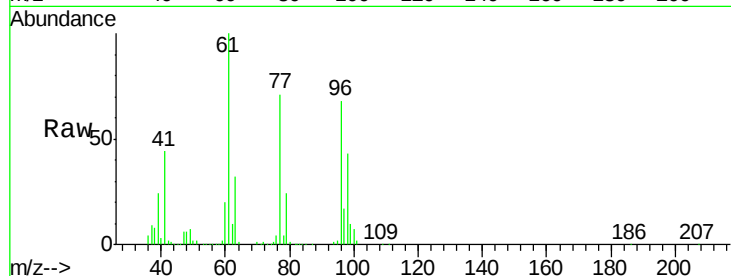
Tot Ion: 96 Resp: 177722

Ion Ratio Lower Upper

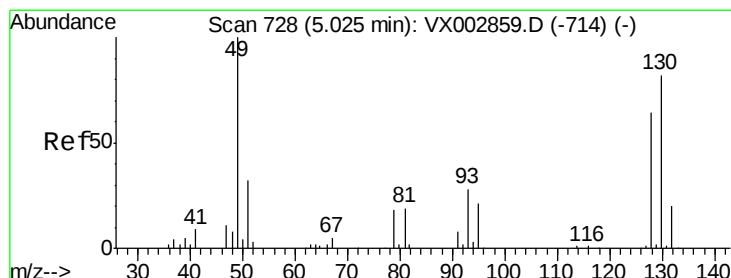
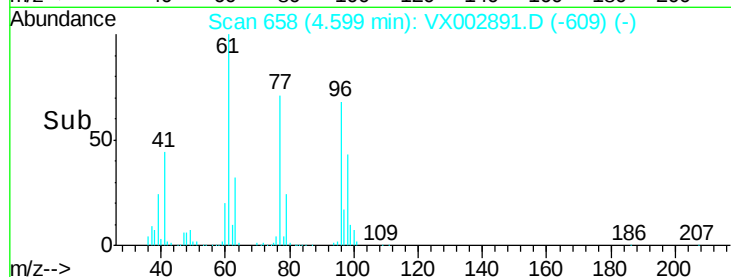
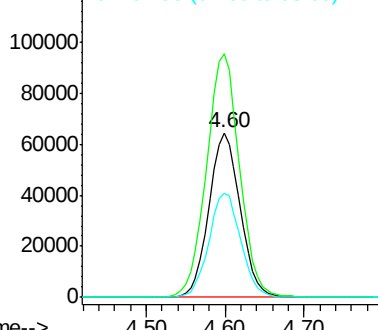
96 100

61 156.9 0.0 330.2

98 64.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 52.06 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

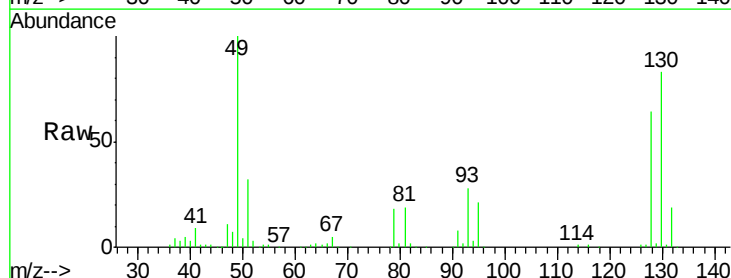
Tgt Ion: 49 Resp: 151627

Ion Ratio Lower Upper

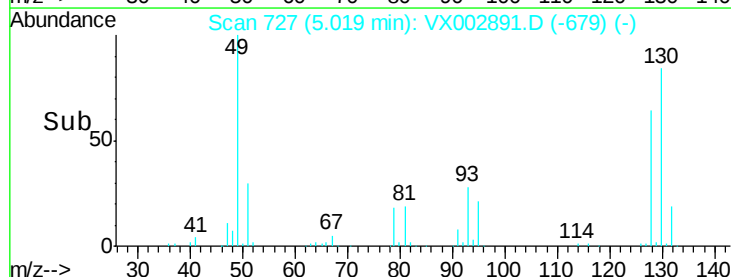
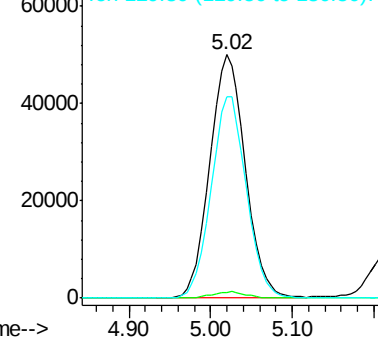
49 100

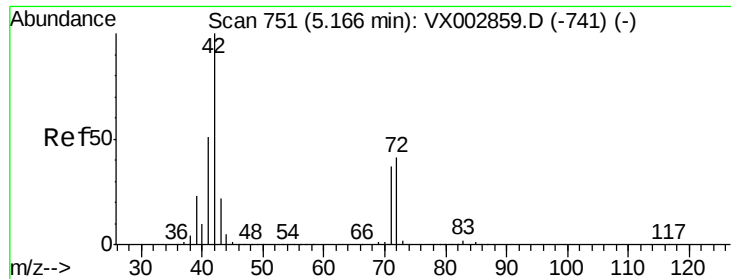
129 2.4 0.0 4.2

130 82.1 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

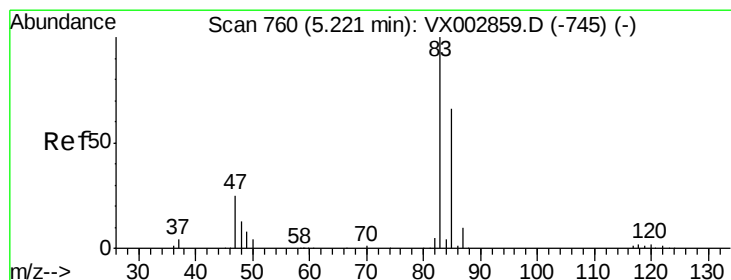
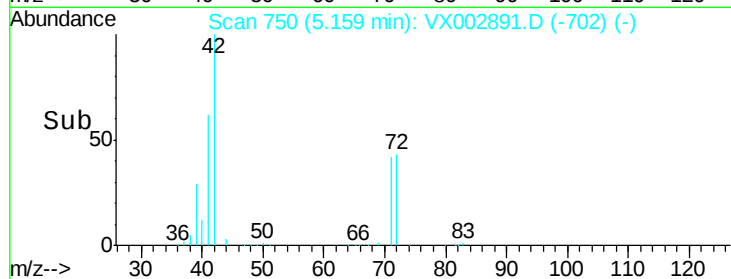
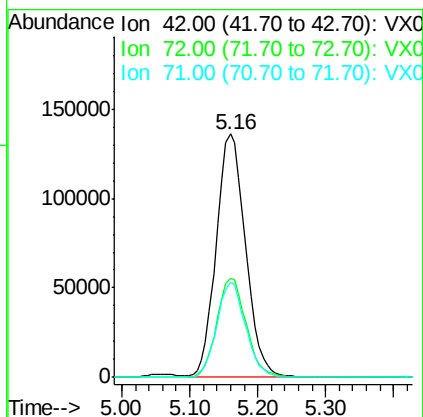
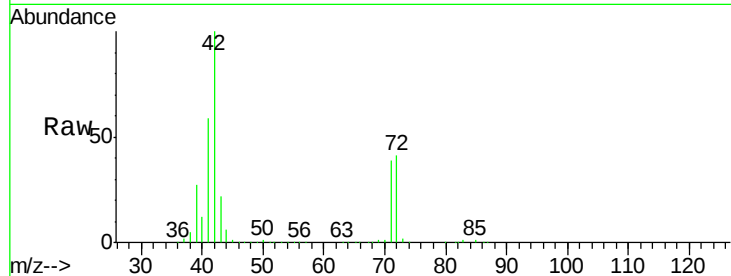




#29
Tetrahydrofuran
Concen: 247.30 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

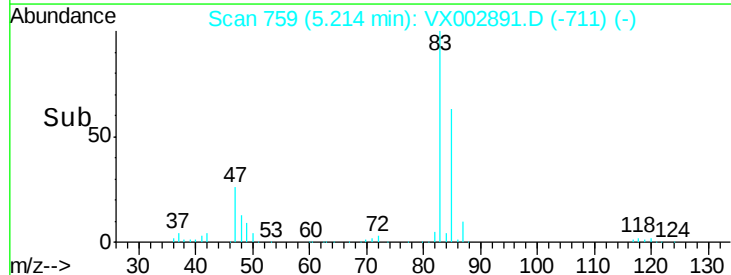
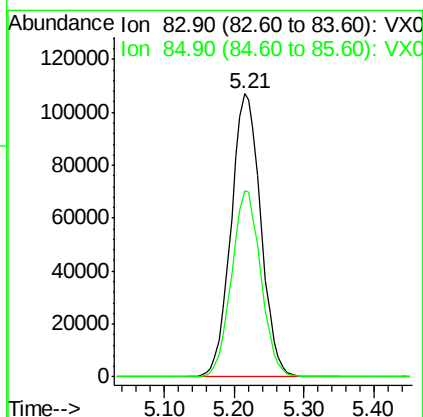
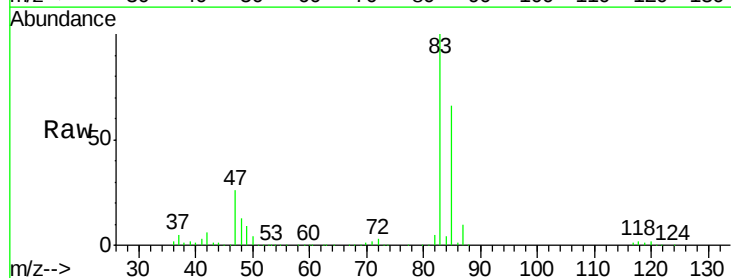
Instrument :
MSVOA_X
ClientSampleId :

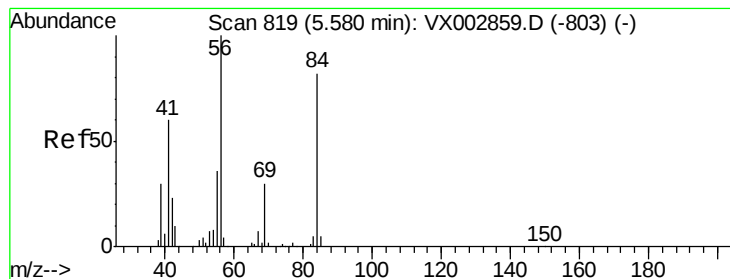
Tot Ion: 42 Resp: 405858
Ion Ratio Lower Upper
42 100
72 41.1 32.0 48.0
71 38.4 30.1 45.1



#30
Chloroform
Concen: 50.54 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 83 Resp: 315578
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 51.01 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

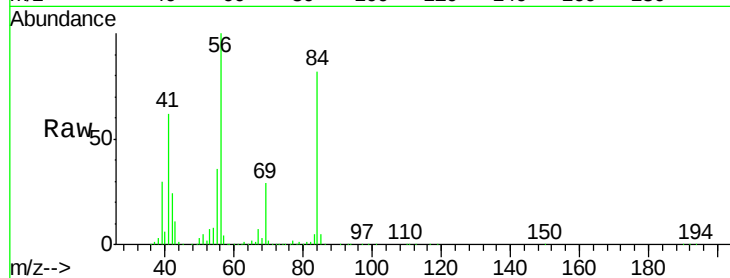
Tot Ion: 56 Resp: 266378

Ion Ratio Lower Upper

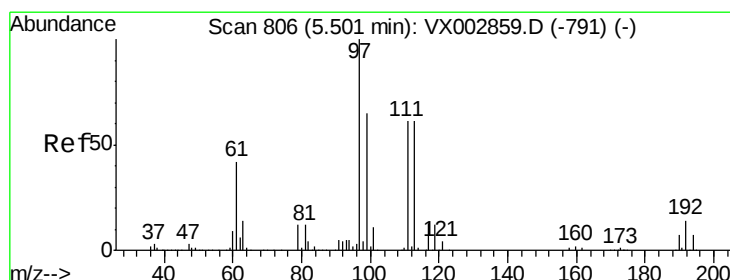
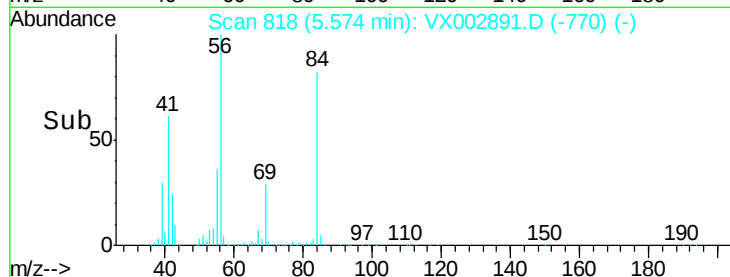
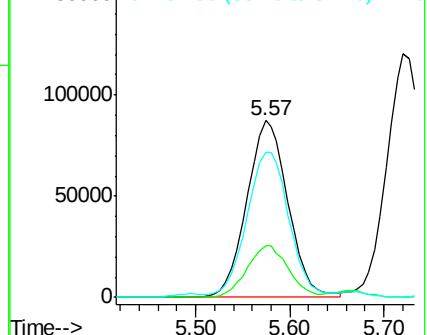
56 100

69 29.4 23.7 35.5

84 80.0 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.60 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

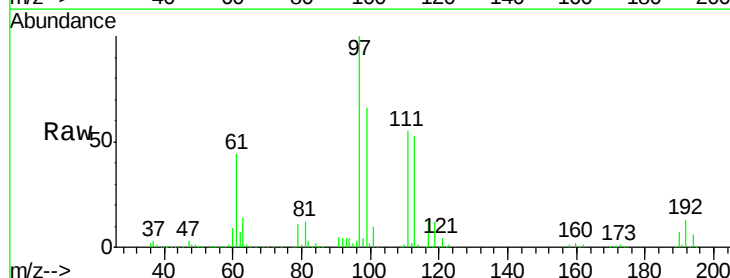
Tgt Ion: 97 Resp: 283501

Ion Ratio Lower Upper

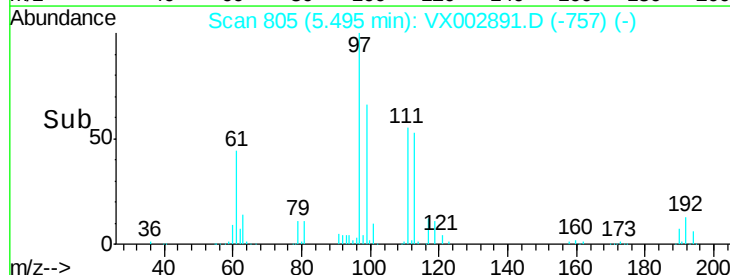
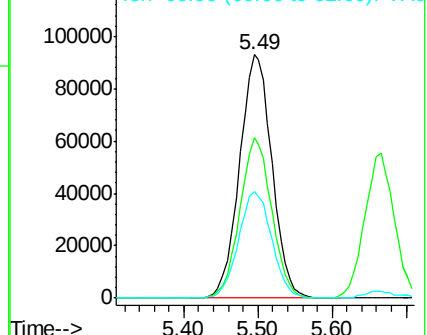
97 100

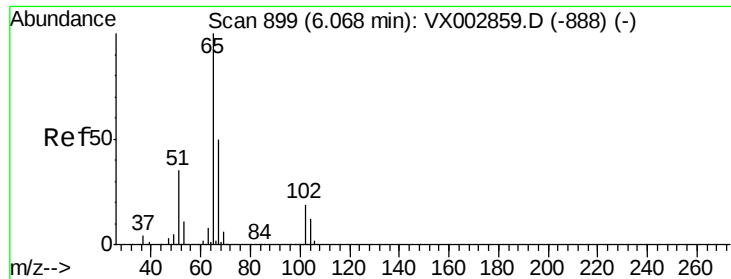
99 64.9 51.6 77.4

61 44.9 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

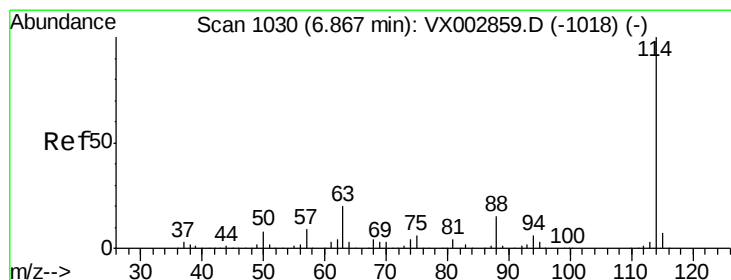
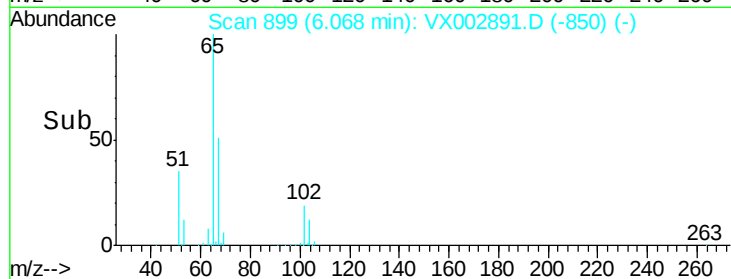
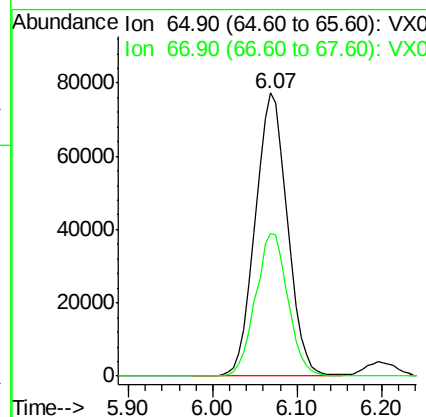
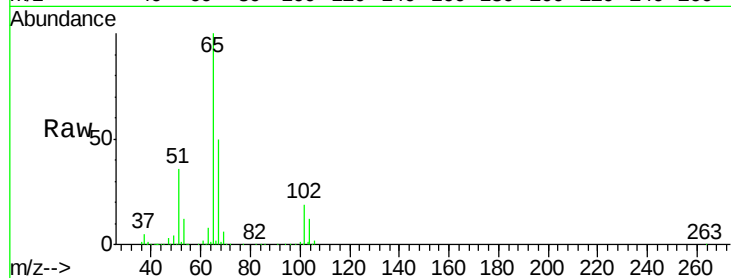




#33
 1,2-Dichloroethane-d4
 Concen: 48.32 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

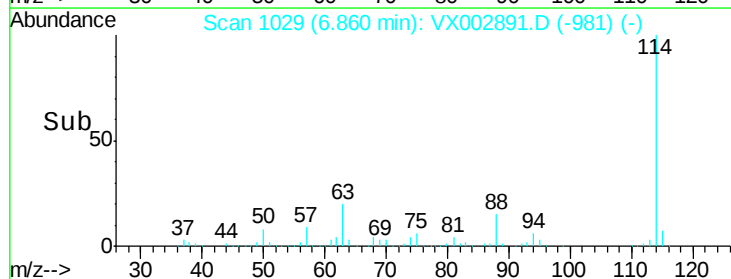
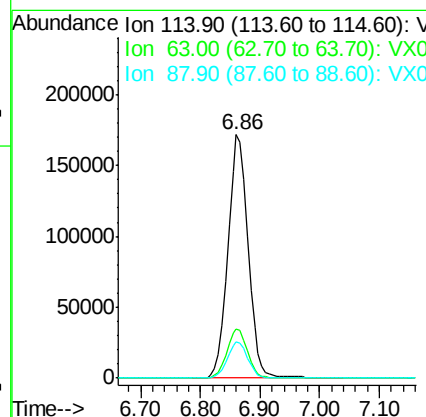
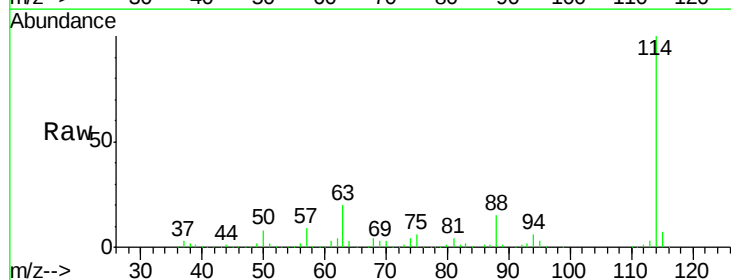
Instrument :
 MSVOA_X
 ClientSampleId :

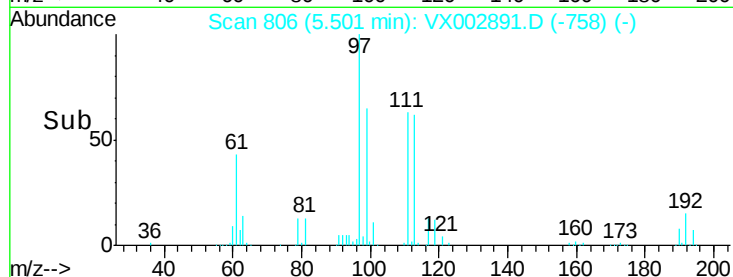
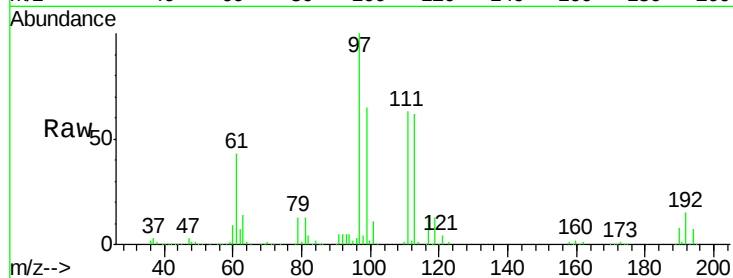
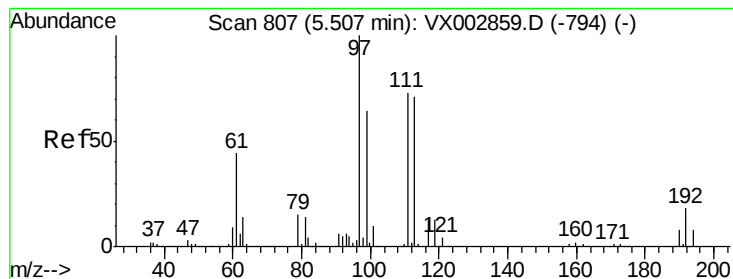
Tot Ion: 65 Resp: 201226
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion: 114 Resp: 405797
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.86 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

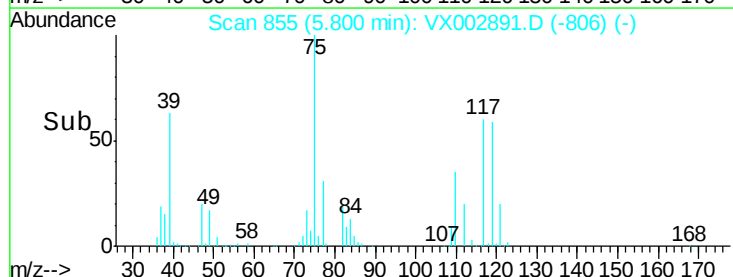
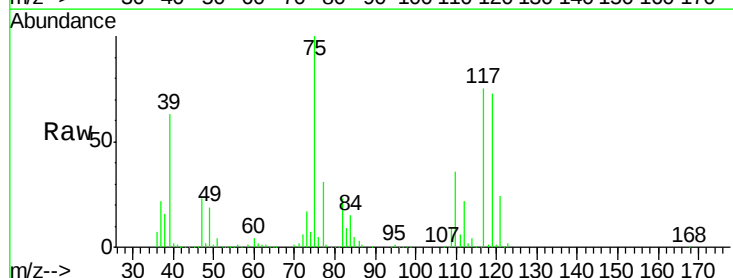
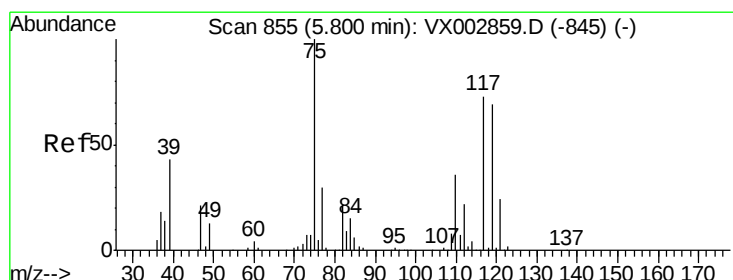
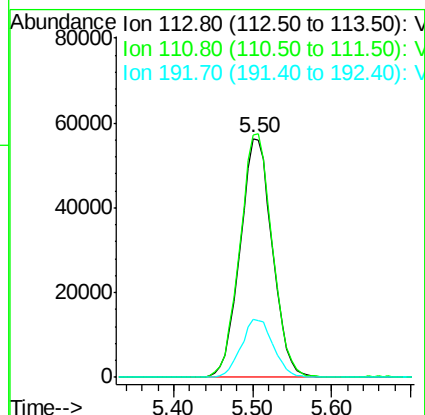
Tot Ion:113 Resp: 160243

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 24.2 19.1 28.7



#36

1,1-Dichloropropene

Concen: 51.58 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

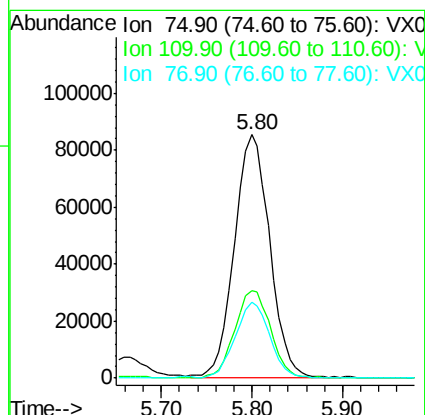
Tgt Ion: 75 Resp: 229534

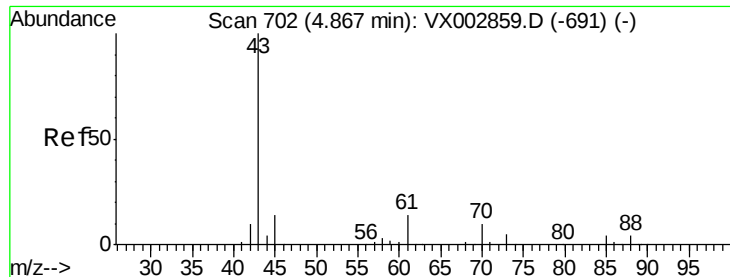
Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.4

77 30.5 24.3 36.5





#37

Ethyl Acetate

Concen: 51.29 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

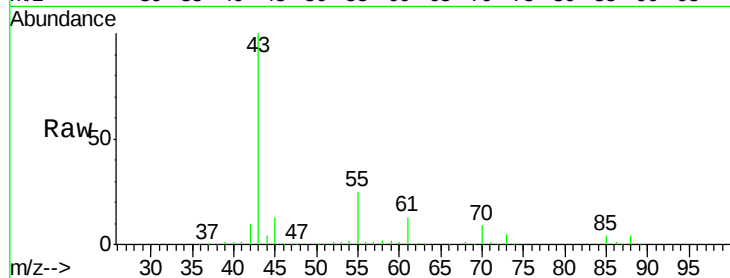
Tot Ion: 43 Resp: 245754

Ion Ratio Lower Upper

43 100

61 12.6 10.4 15.6

70 9.5 7.6 11.4

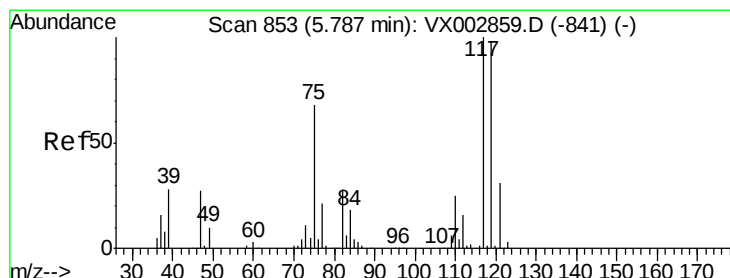
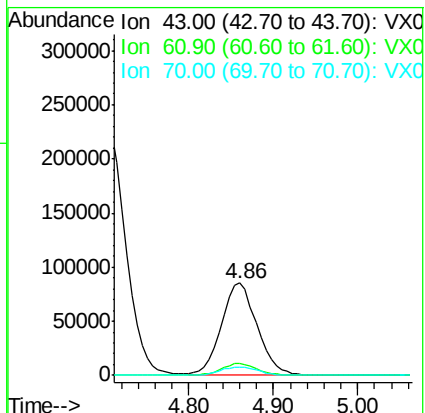
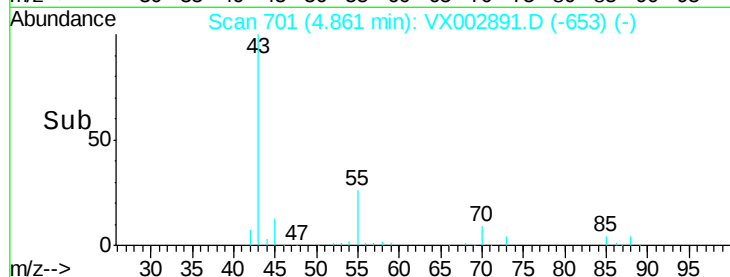


Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-691) (-)

Ion 60.90 (60.60 to 61.60): VX002859.D (-691) (-)

Ion 70.00 (69.70 to 70.70): VX002859.D (-691) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 53.41 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

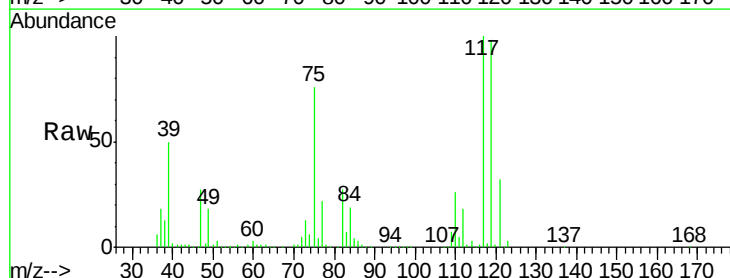
Tgt Ion: 117 Resp: 260804

Ion Ratio Lower Upper

117 100

119 98.4 77.4 116.0

121 31.5 24.4 36.6

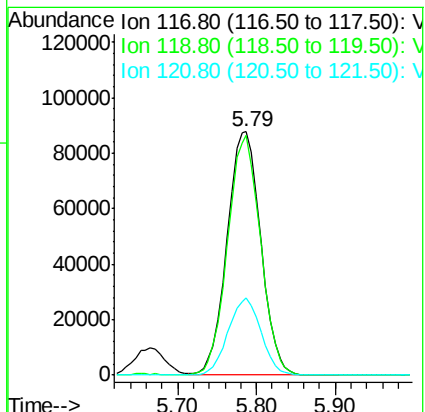
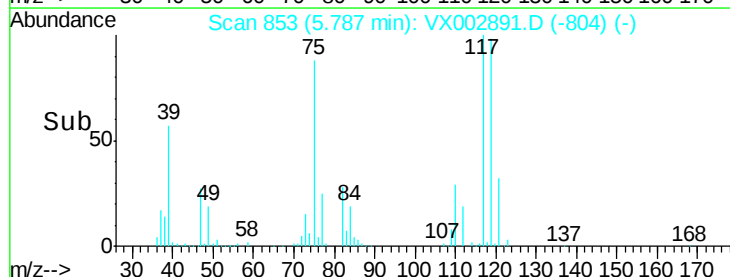


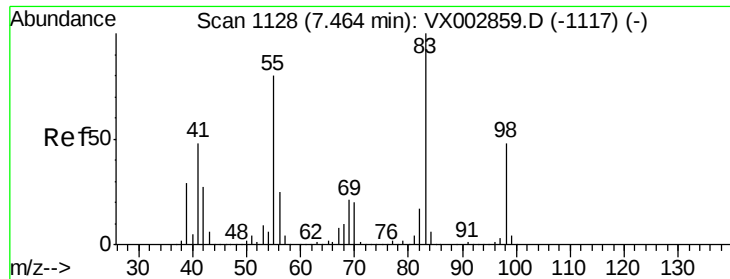
Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX002859.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX002859.D (-841) (-)

Time-->

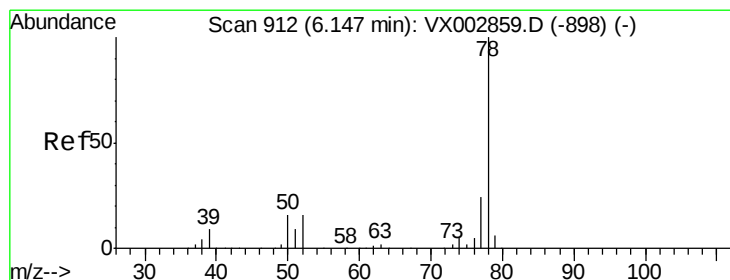
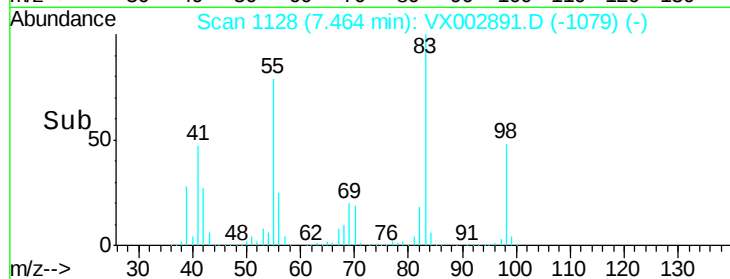
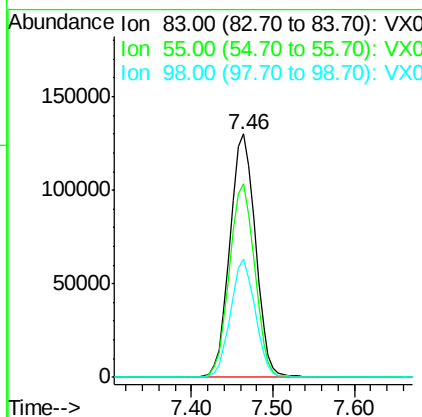
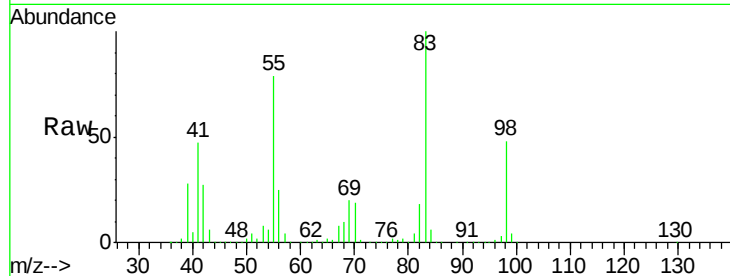




#39
Methvlcvclohexane
Concen: 54.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

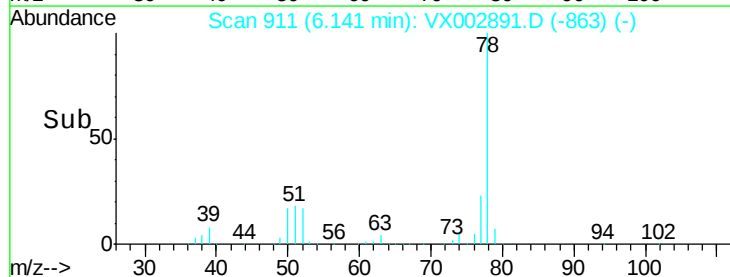
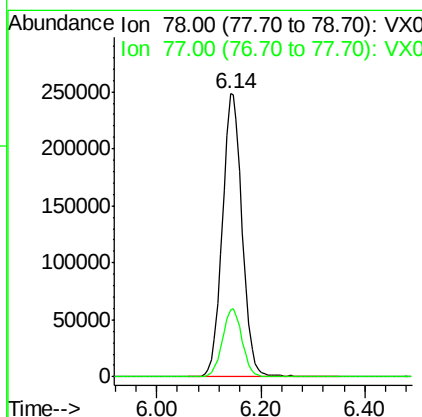
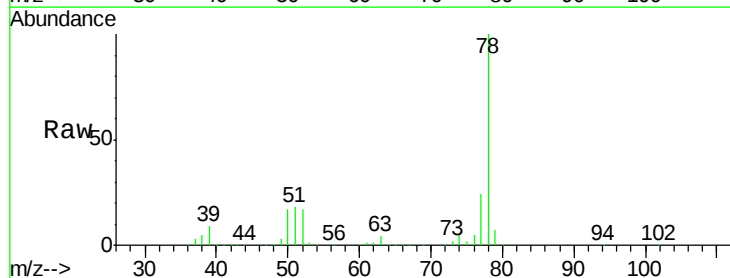
Instrument :
MSVOA_X
ClientSampleId :

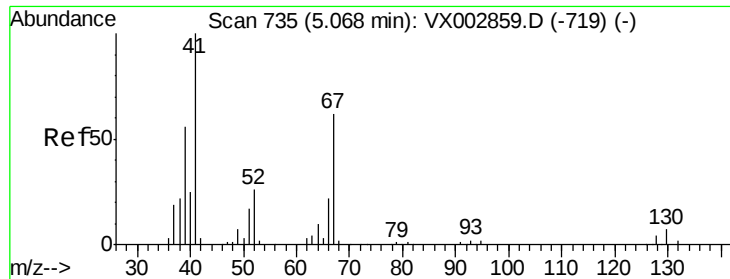
Tot Ion: 83 Resp: 280617
Ion Ratio Lower Upper
83 100
55 79.3 65.4 98.0
98 48.3 37.4 56.0



#40
Benzene
Concen: 51.53 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 78 Resp: 666260
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

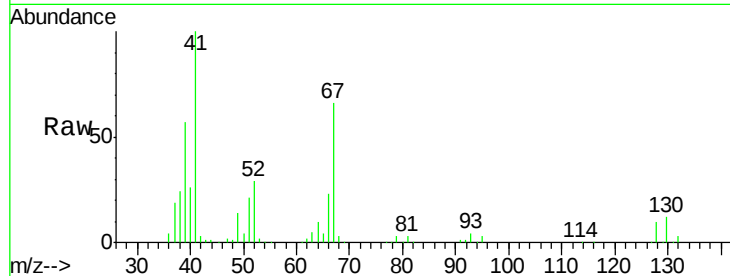




#41
Methacrylonitrile
Concen: 51.39 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	141803
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	65.6	51.3	76.9
52	28.8	23.0	34.6



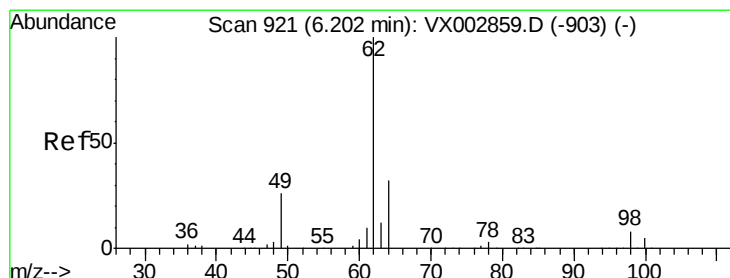
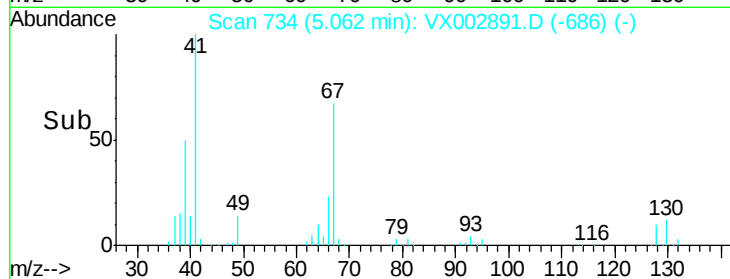
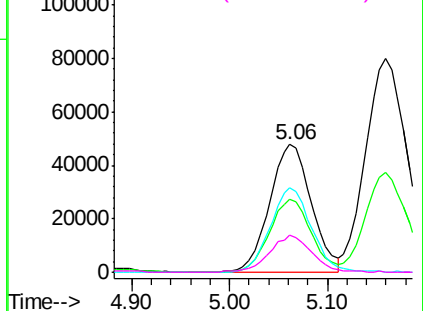
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

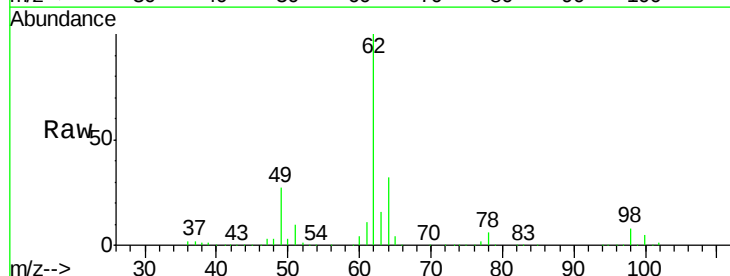
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.09 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

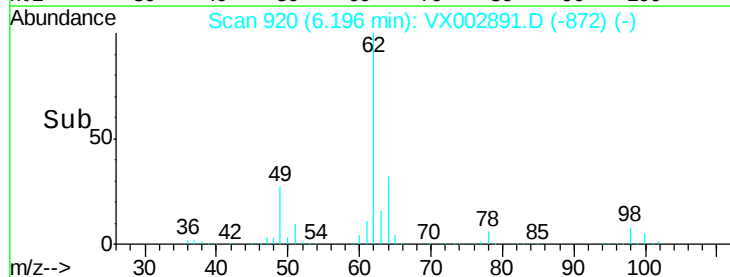
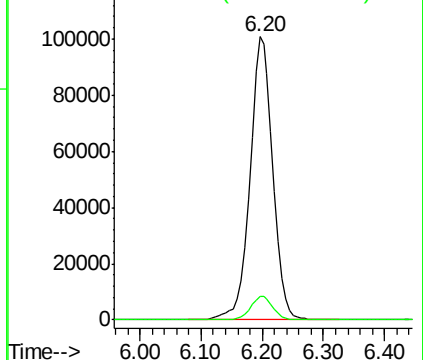
Tgt Ion:	62	Resp:	261604
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6

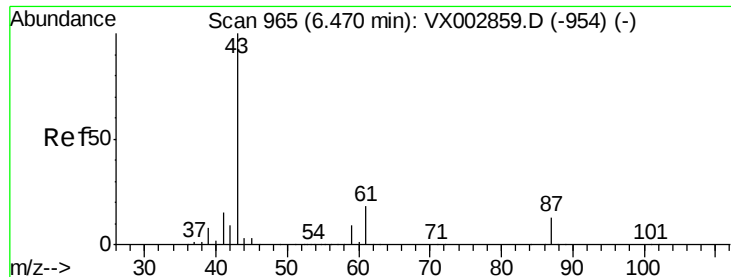


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



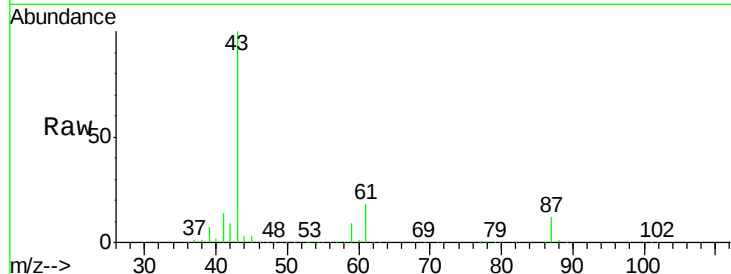


#43

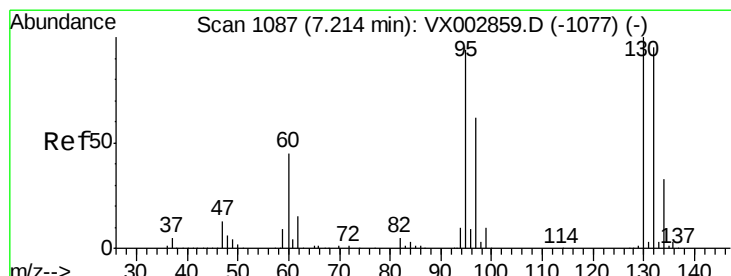
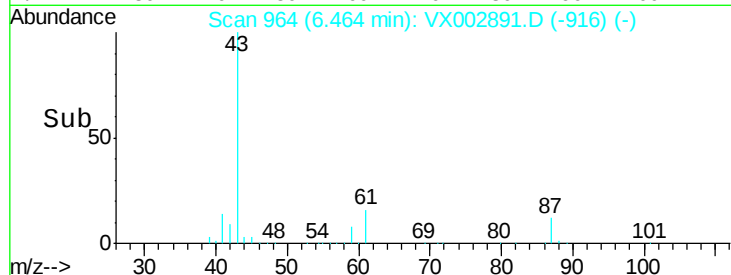
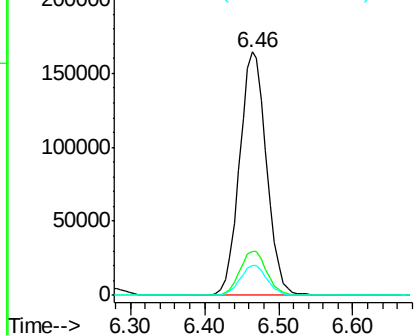
Isopropyl Acetate
 Concen: 51.61 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 414725
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.4 21.6
 87 12.4 9.5 14.3



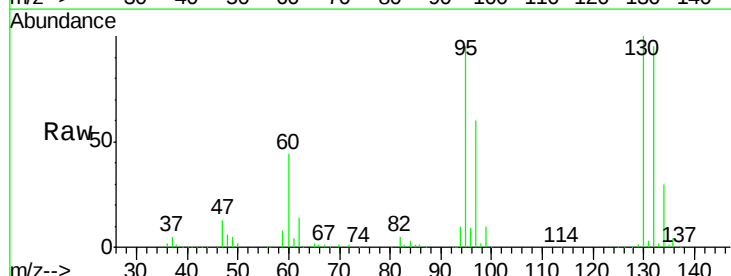
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



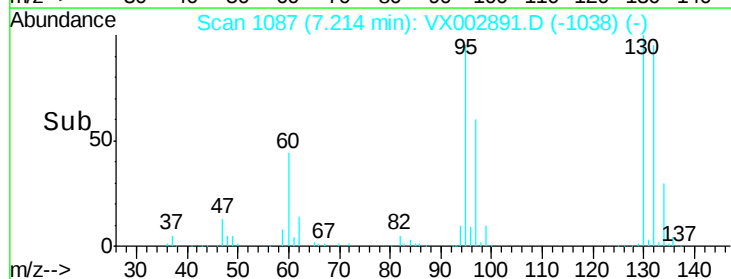
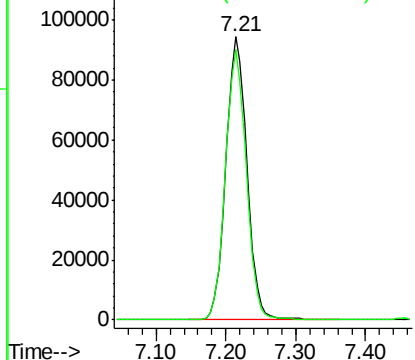
#44

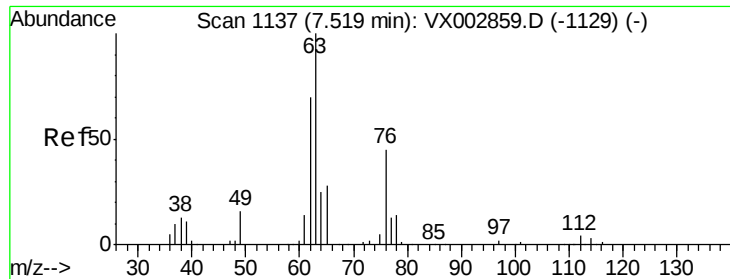
Trichloroethene
 Concen: 51.42 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion:130 Resp: 198205
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

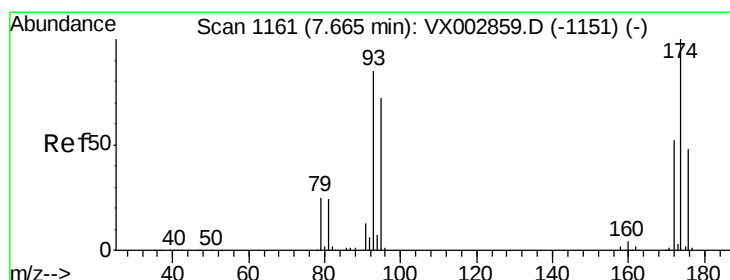
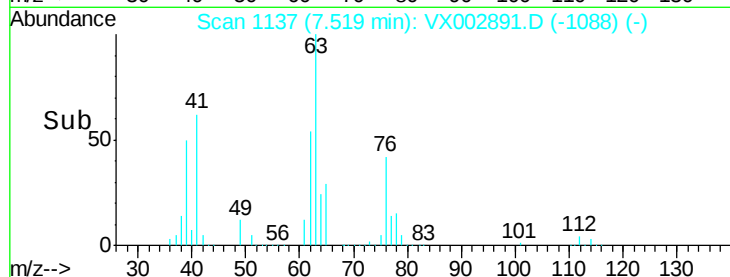
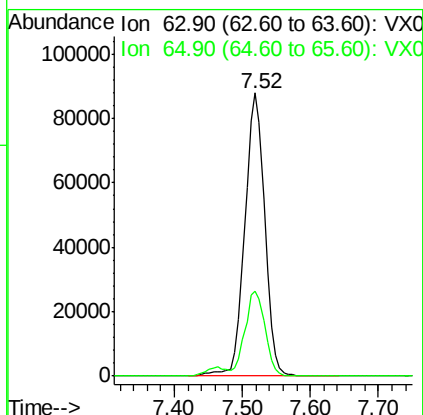
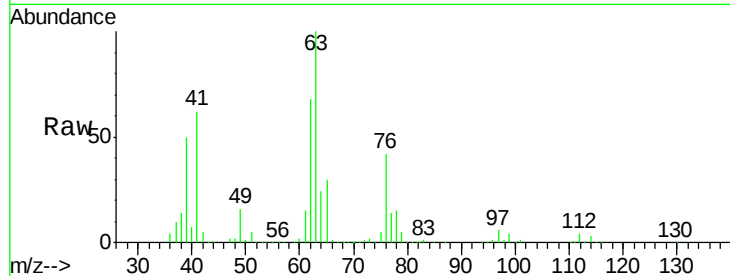




#45
 1,2-Dichloropropane
 Concen: 52.32 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

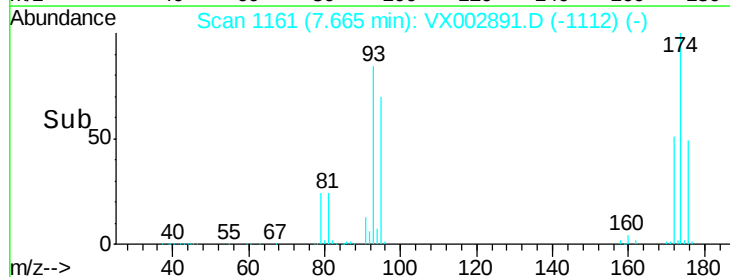
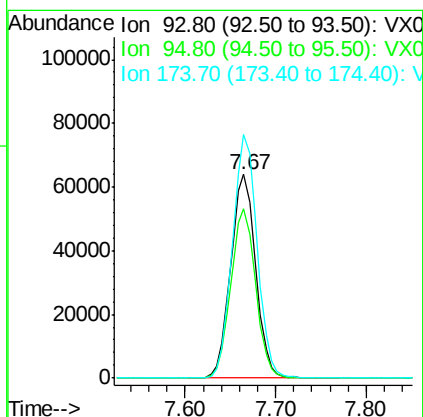
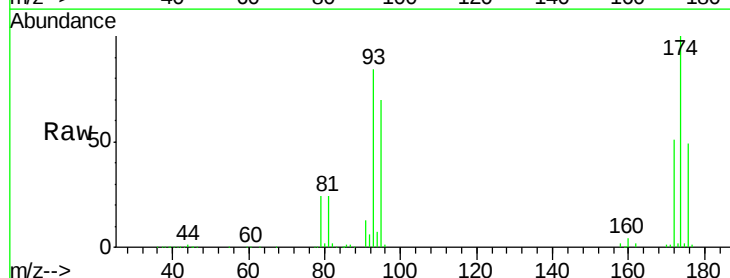
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 179439
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1



#46
 Dibromomethane
 Concen: 51.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion: 93 Resp: 121829
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 118.5 92.4 138.6





#47

Bromodichloromethane

Concen: 55.33 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

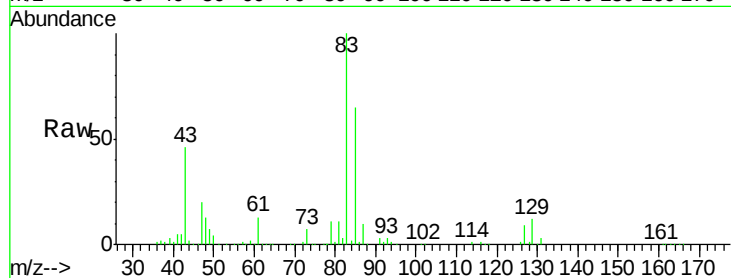
Tot Ion: 83 Resp: 243492

Ion Ratio Lower Upper

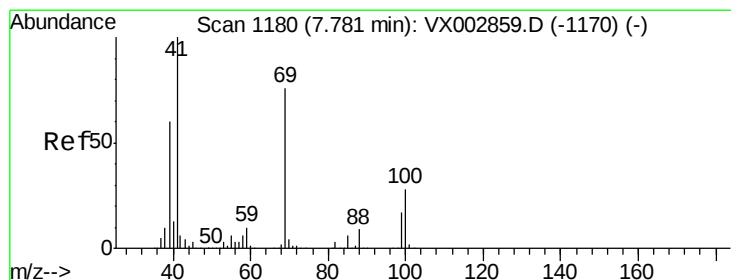
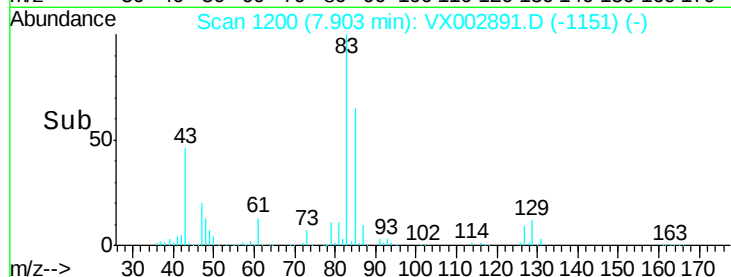
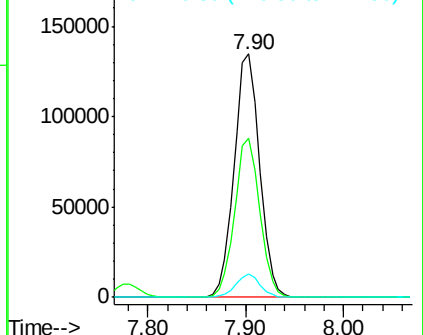
83 100

85 65.2 50.3 75.5

127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.48 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

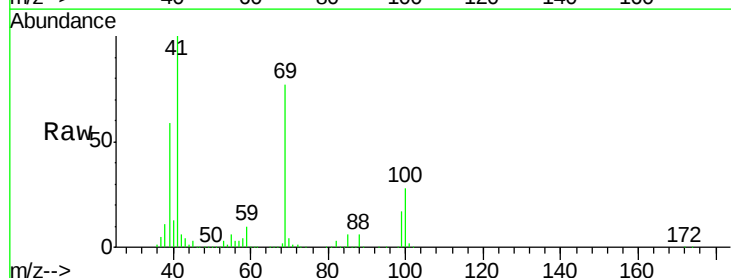
Tgt Ion: 41 Resp: 217282

Ion Ratio Lower Upper

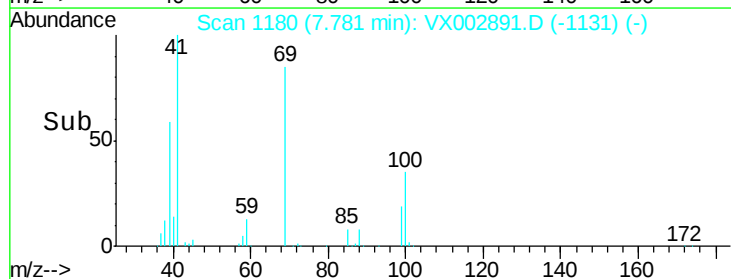
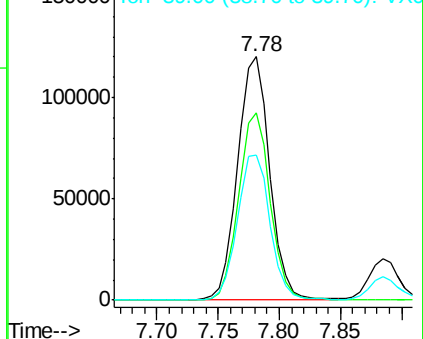
41 100

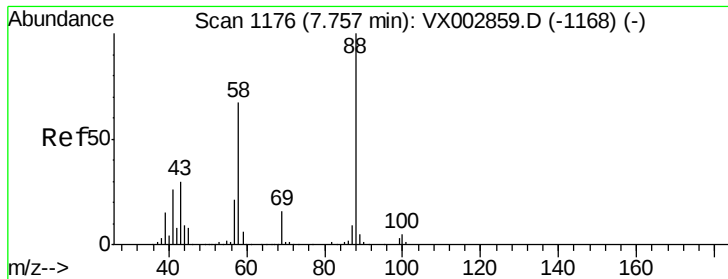
69 76.7 59.1 88.7

39 60.6 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 990.05 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampled :

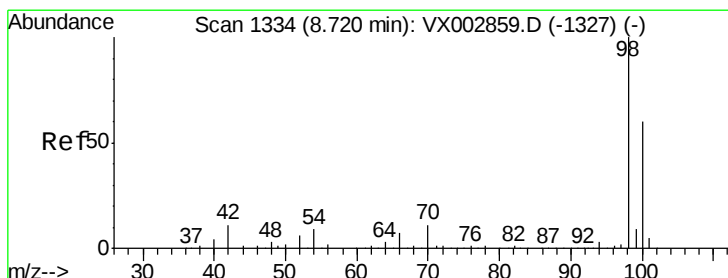
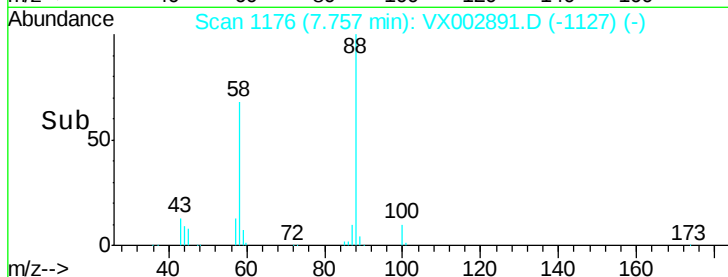
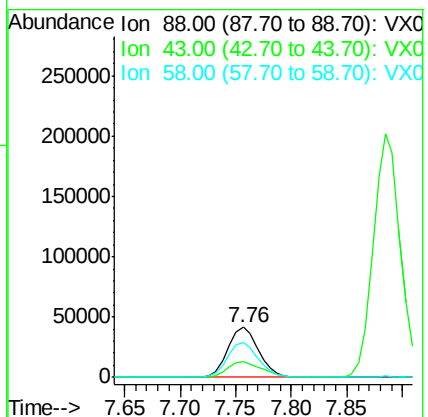
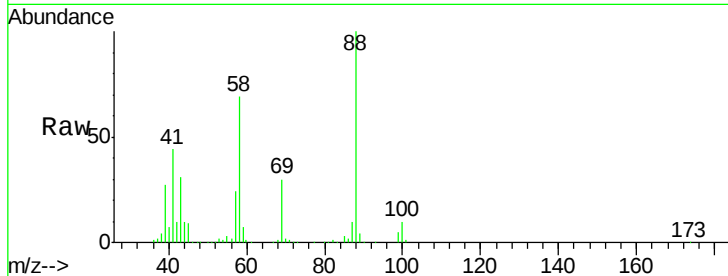
Tot Ion: 88 Resp: 79755

Ion Ratio Lower Upper

88 100

43 35.3 29.8 44.6

58 69.8 57.1 85.7



#50

Toluene-d8

Concen: 50.79 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002891.D

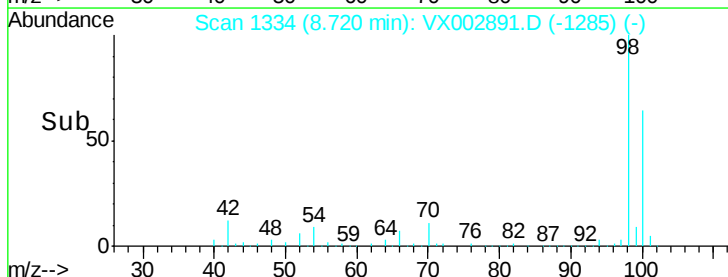
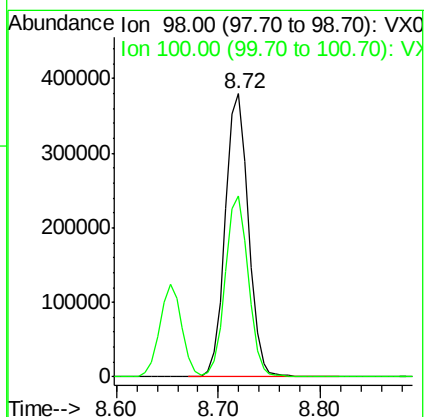
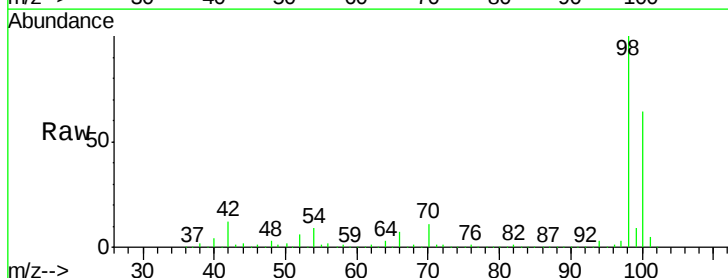
Acq: 26 Jun 2018 11:12

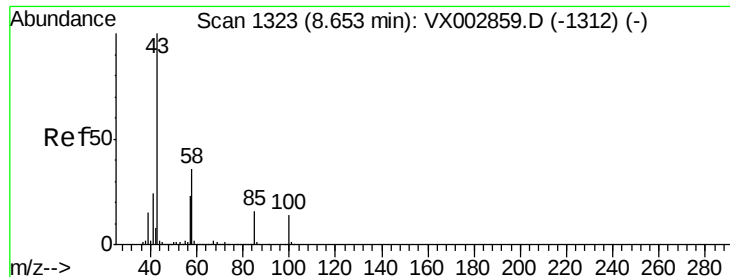
Tgt Ion: 98 Resp: 596018

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

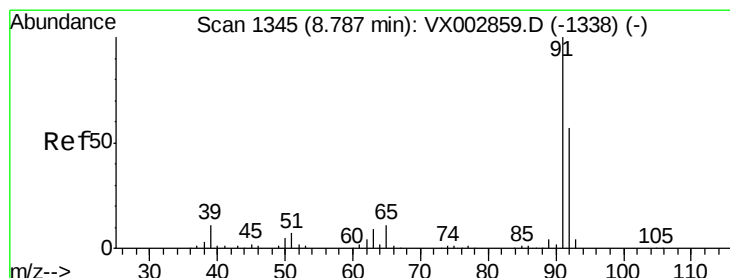
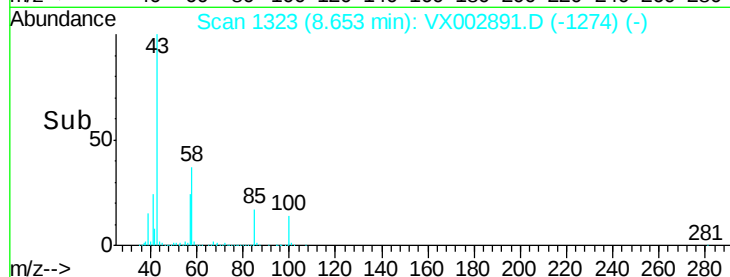
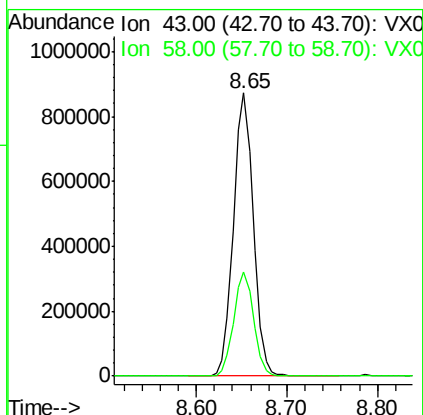
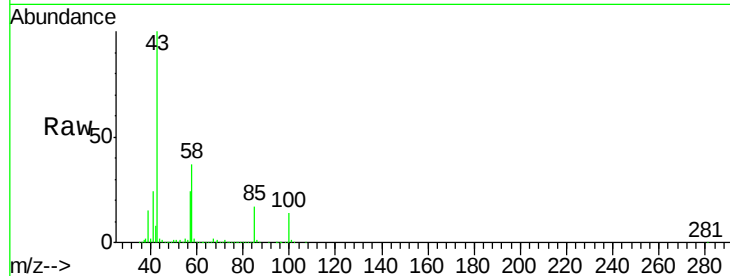




#51
4-Methyl-2-Pentanone
Concen: 264.67 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

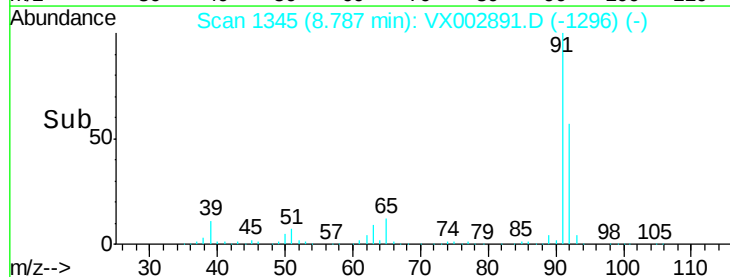
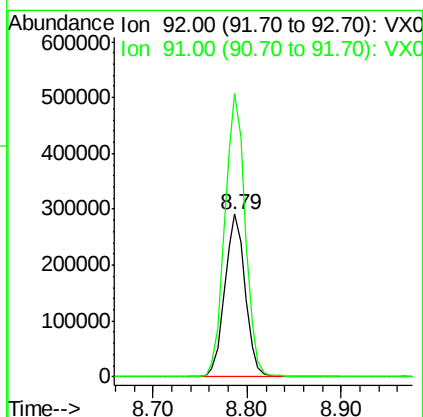
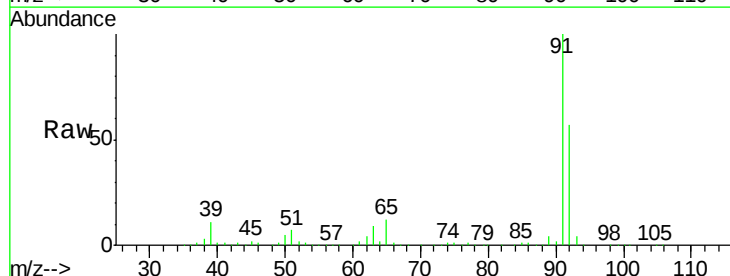
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1330664
Ion Ratio Lower Upper
43 100
58 36.6 28.6 42.8



#52
Toluene
Concen: 52.78 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion: 92 Resp: 437175
Ion Ratio Lower Upper
92 100
91 175.1 140.4 210.6

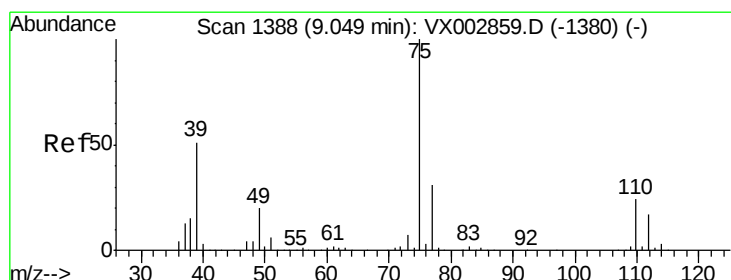
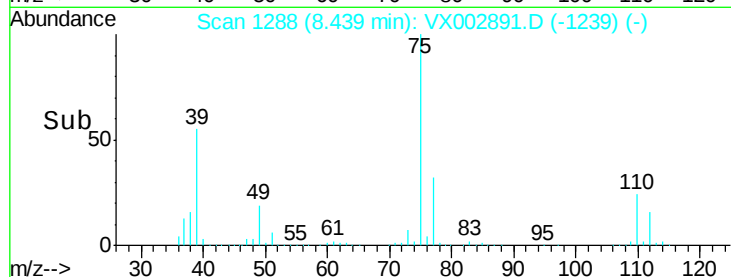
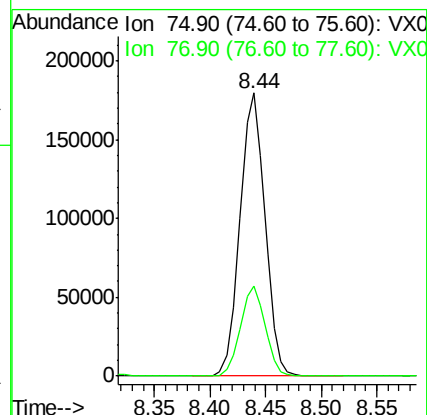
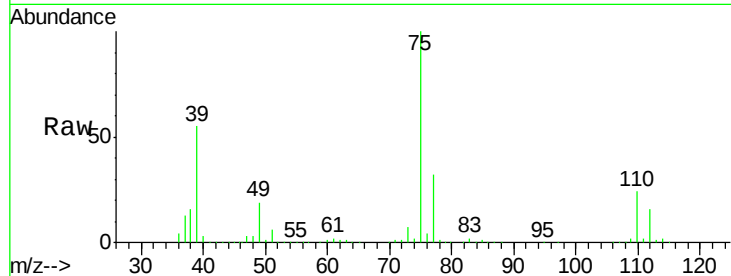




#53
 t-1,3-Dichloropropene
 Concen: 56.08 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

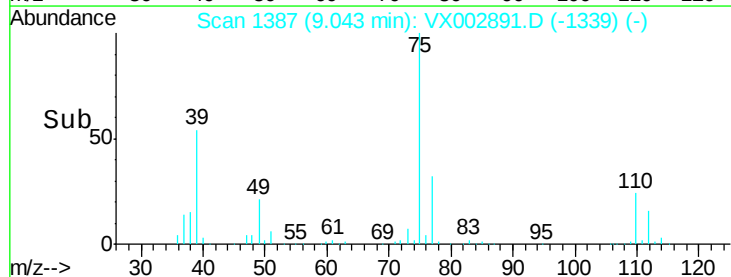
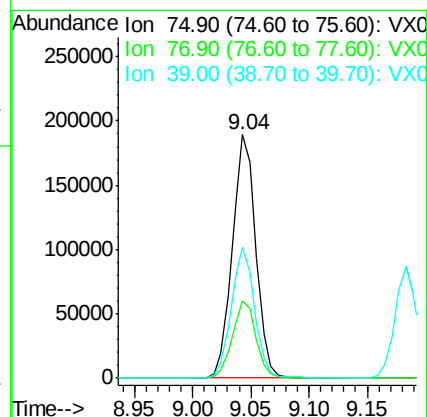
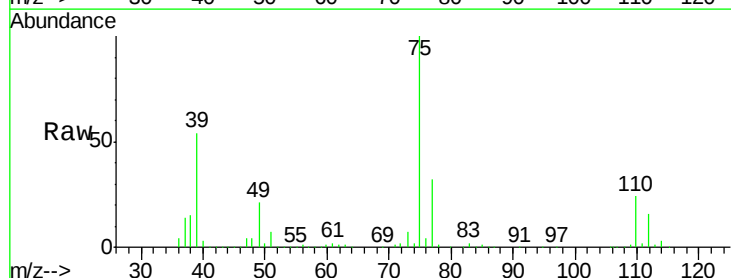
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 279455
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.10 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion: 75 Resp: 264199
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 53.6 42.4 63.6

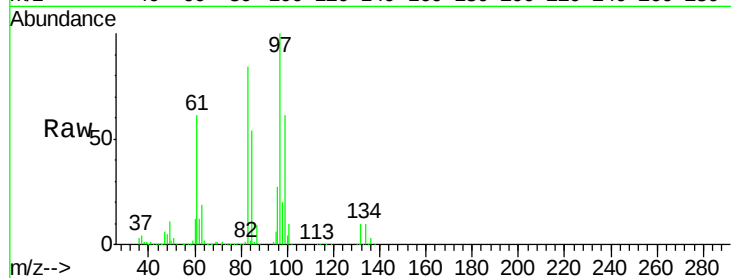




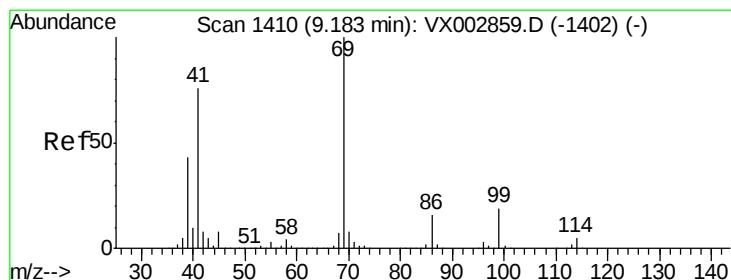
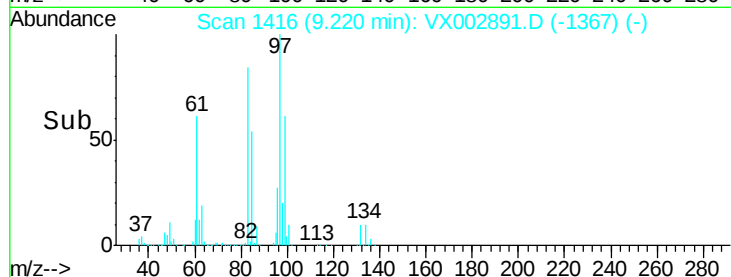
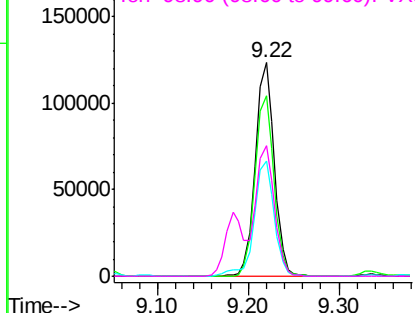
#55
 1,1,2-Trichloroethane
 Concen: 52.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	178659
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	53.7	44.9	67.3
99	61.4	49.8	74.8

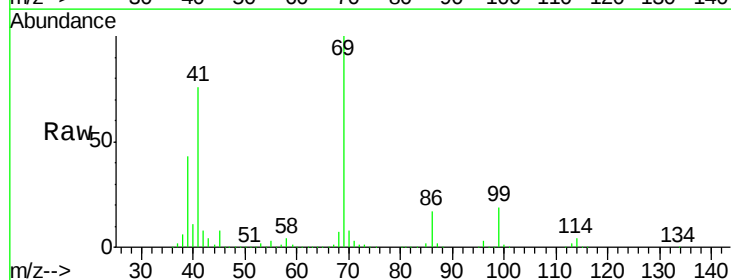


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

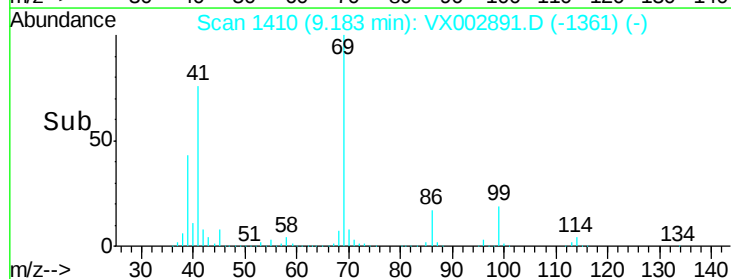
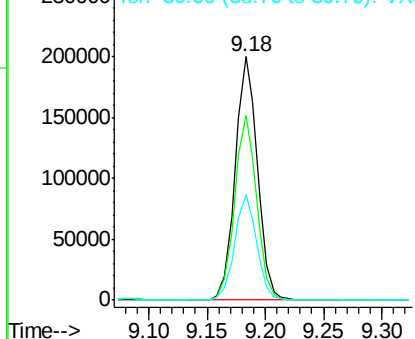


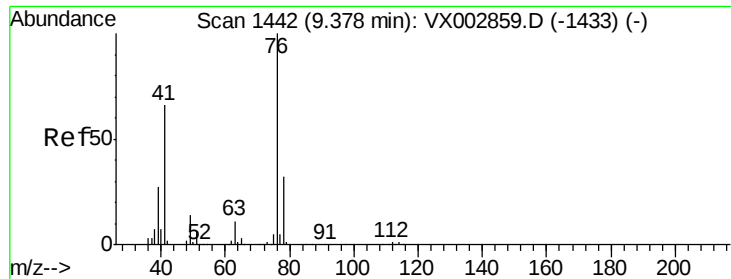
#56
 Ethyl methacrylate
 Concen: 53.55 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion:	69	Resp:	266376
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	43.0	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

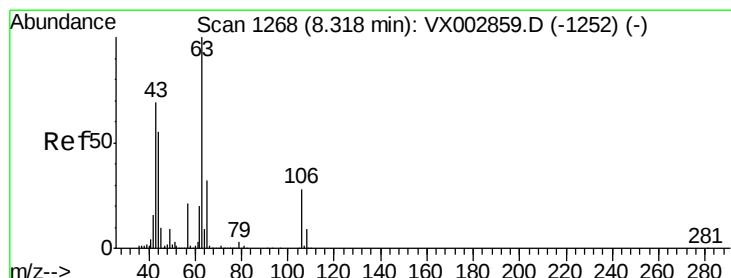
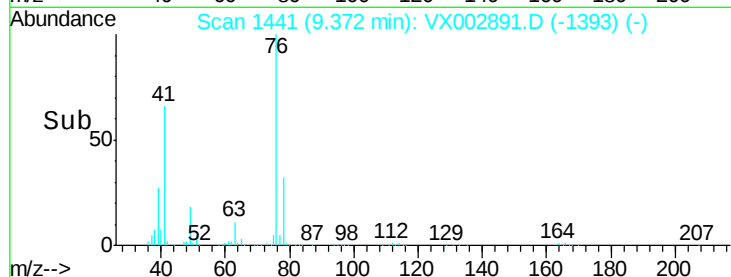
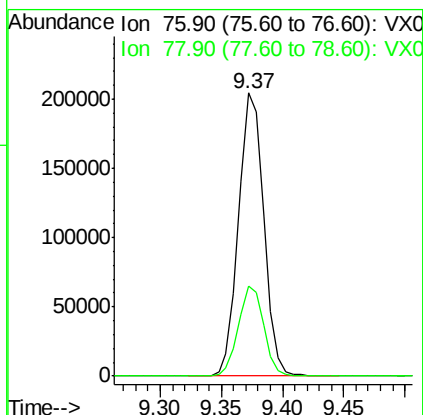
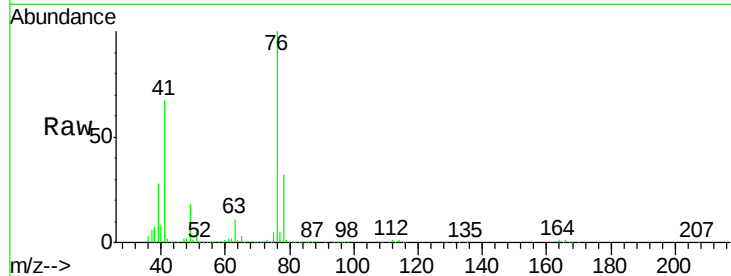




#57
 1,3-Dichloropropane
 Concen: 52.22 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

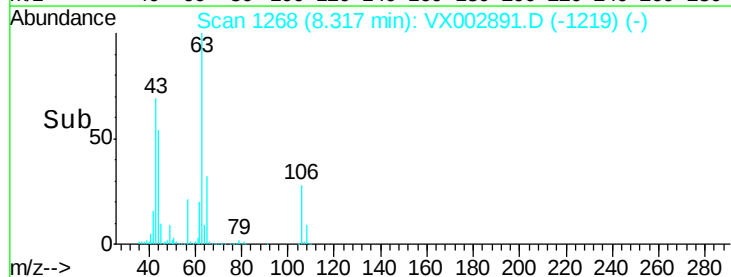
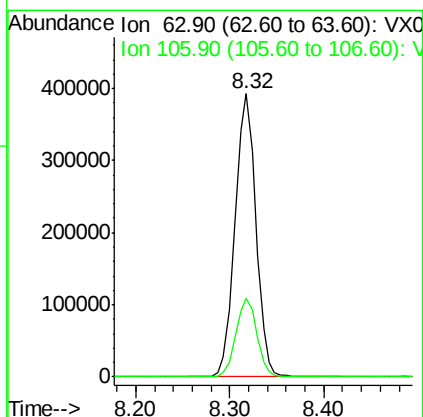
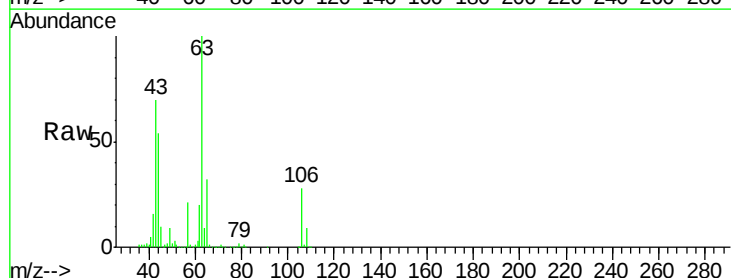
Instrument :
 MSVOA_X
 ClientSampleId :

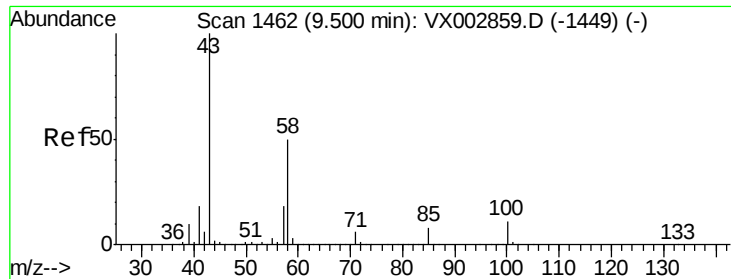
Tot Ion: 76 Resp: 291903
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.11 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion: 63 Resp: 602635
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.8

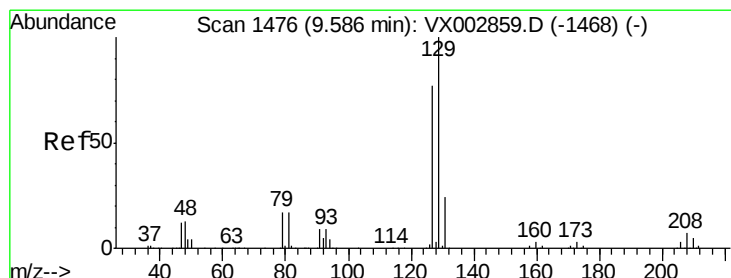
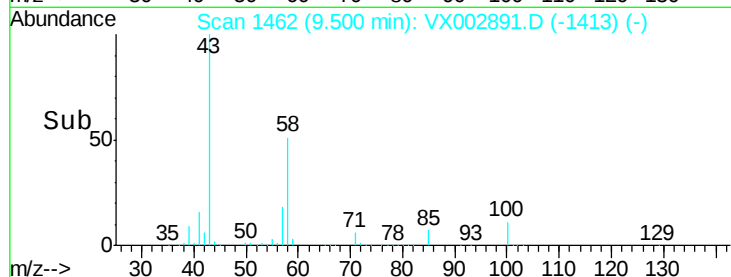
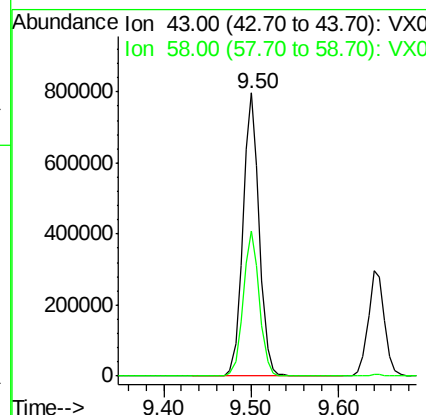
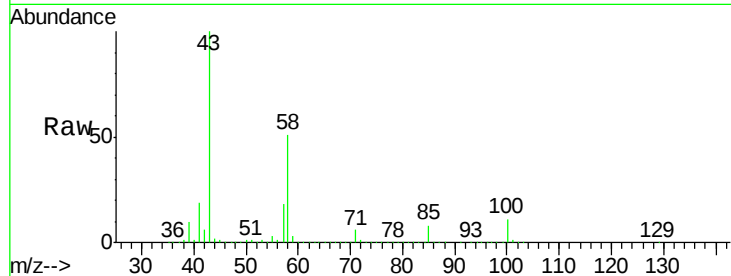




#59
 2-Hexanone
 Concen: 271.82 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

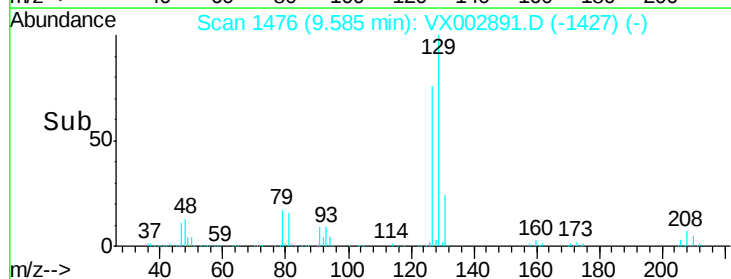
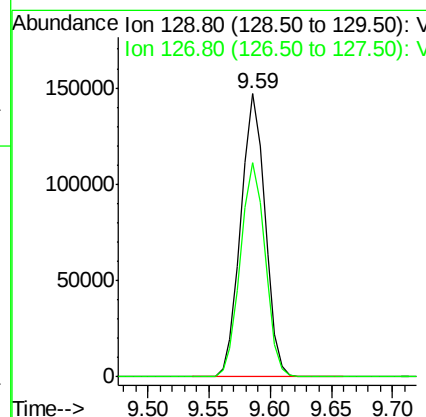
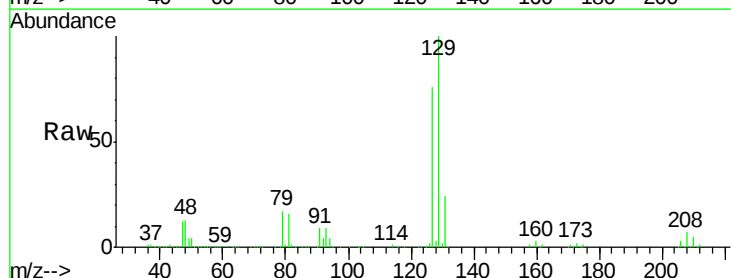
Instrument :
 MSVOA_X
 ClientSampled :

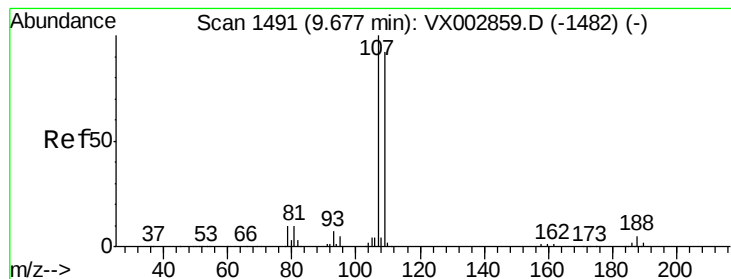
Tot Ion: 43 Resp: 1038658
 Ion Ratio Lower Upper
 43 100
 58 50.8 24.6 73.6



#60
 Dibromochloromethane
 Concen: 56.47 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion:129 Resp: 202351
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.36 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

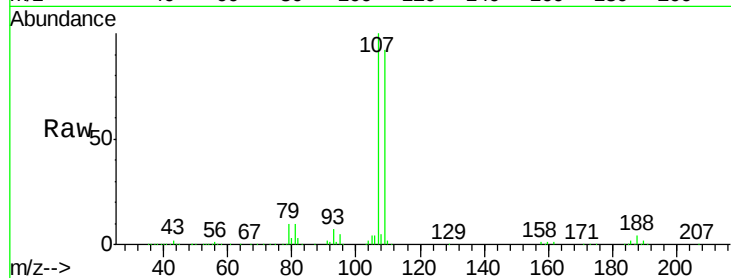
ClientSampleId :

Tot Ion:107 Resp: 190495

Ion Ratio Lower Upper

107 100

109 93.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

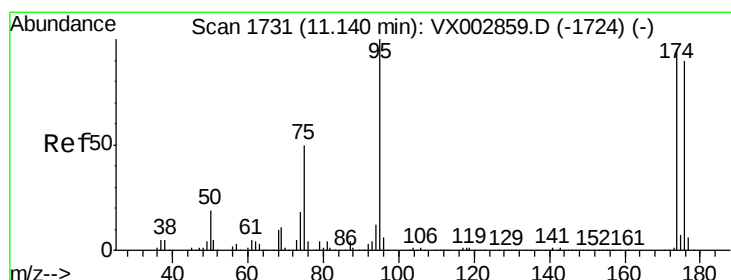
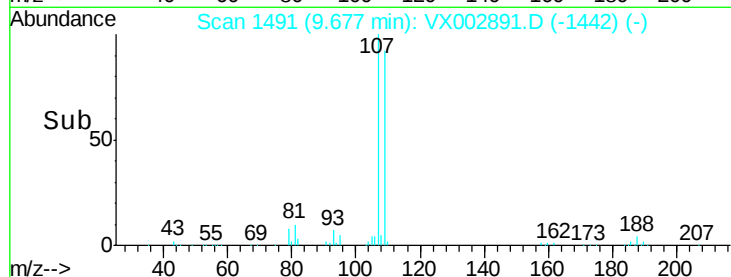
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

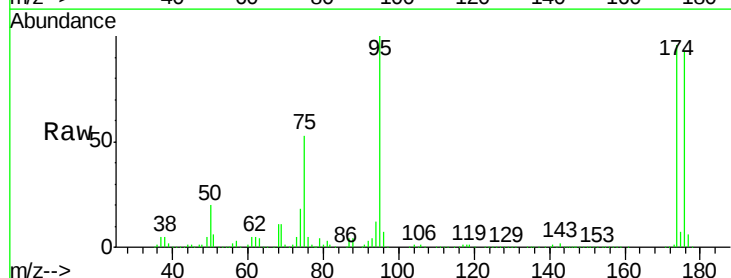
Tgt Ion: 95 Resp: 233190

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

176 93.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

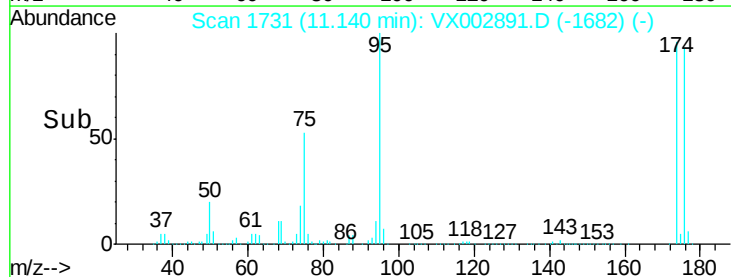
150000

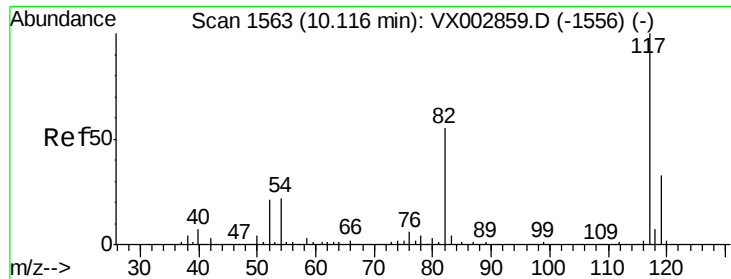
100000

50000

0

Time-->

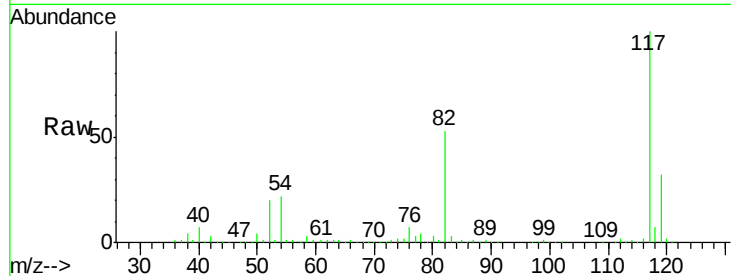




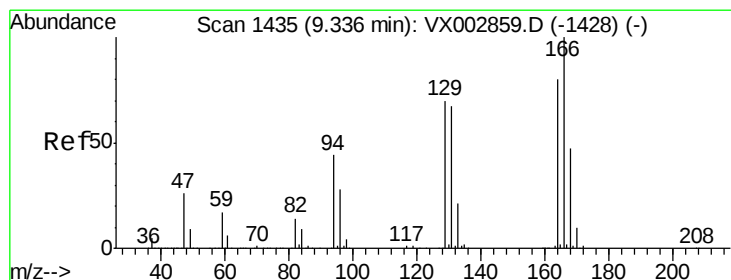
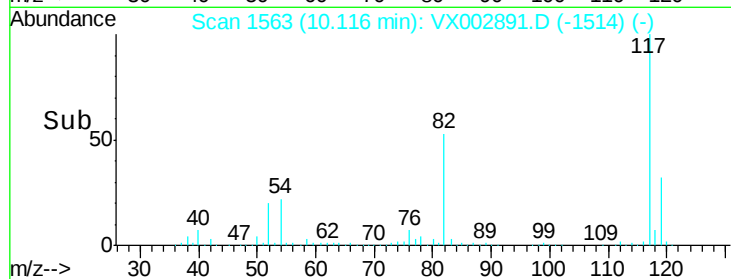
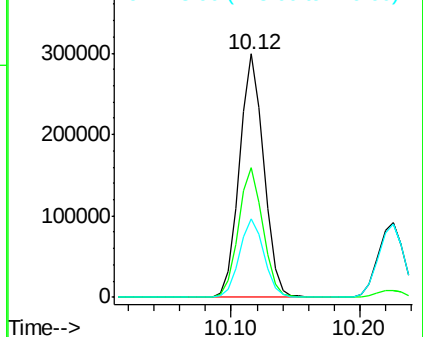
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 390333
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 32.4 25.8 38.6

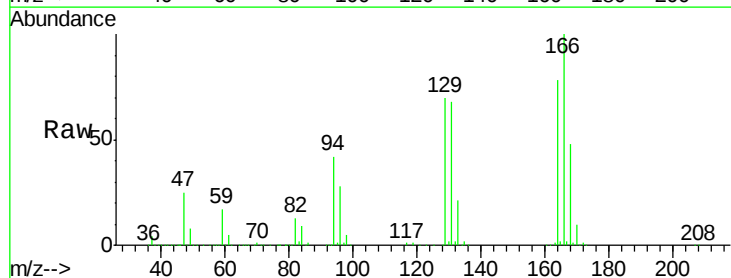


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

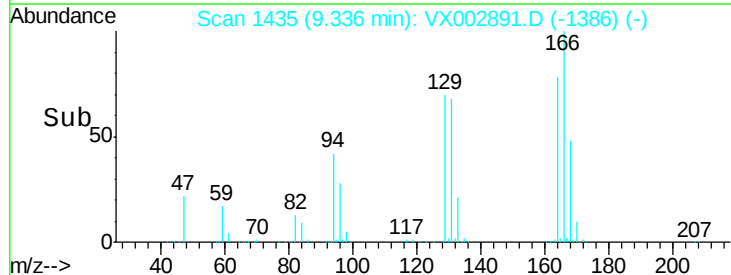
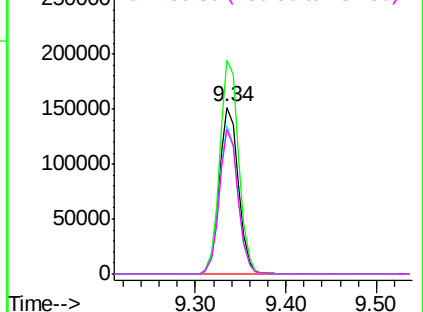


#64
Tetrachloroethene
Concen: 50.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion:164 Resp: 220755
Ion Ratio Lower Upper
164 100
166 128.3 102.9 154.3
129 89.2 68.6 102.8
131 86.8 66.8 100.2



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





#65

Chlorobenzene

Concen: 51.58 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

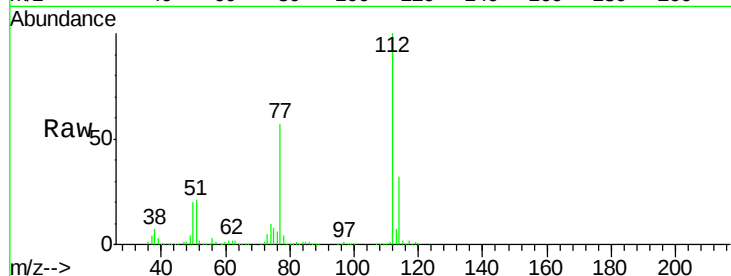
ClientSampled :

Tot Ion:112 Resp: 511379

Ion Ratio Lower Upper

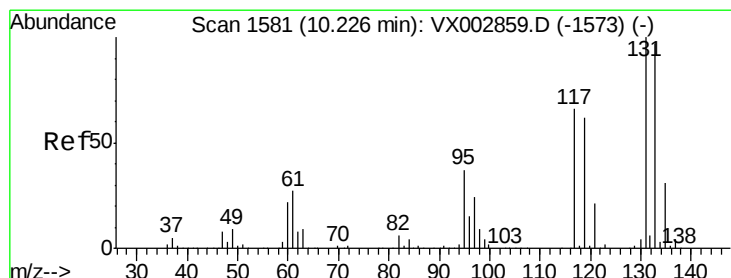
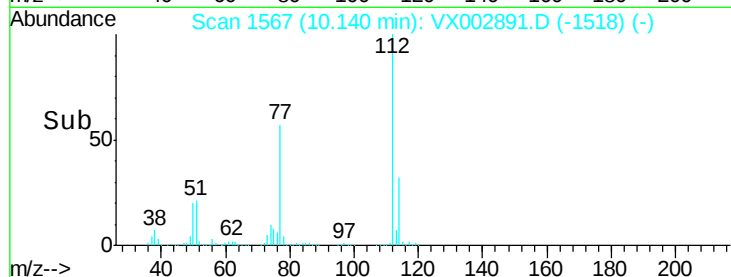
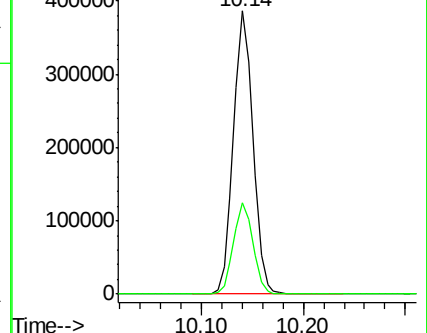
112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.47 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

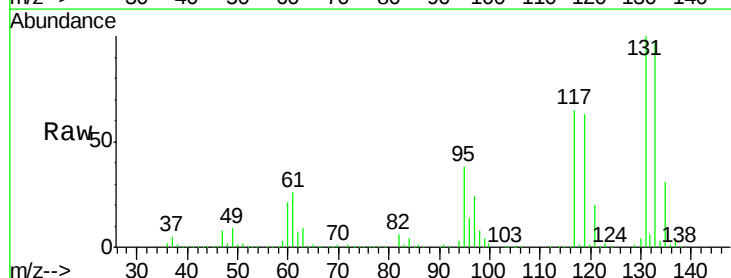
Tgt Ion:131 Resp: 192574

Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

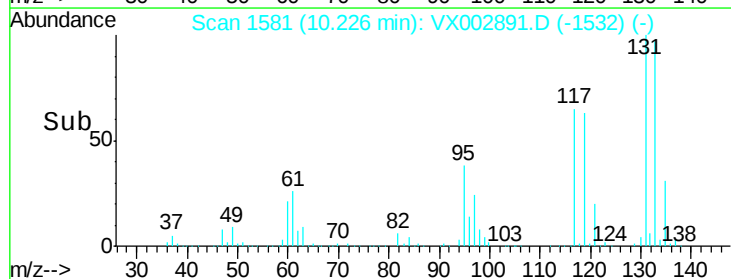
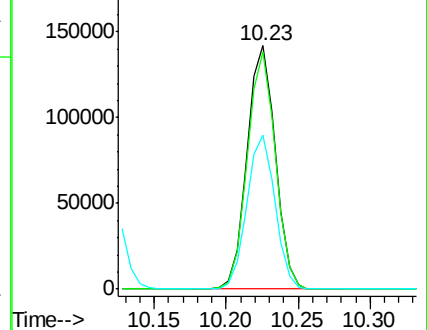
119 63.0 31.8 95.3

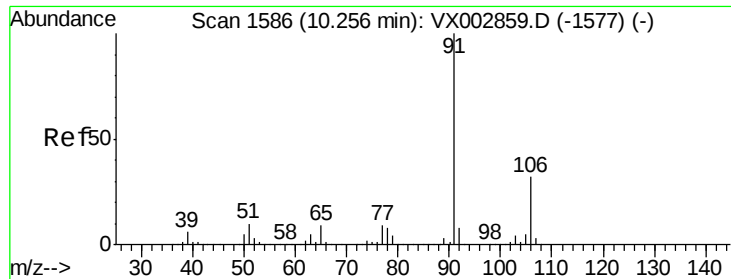


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.55 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

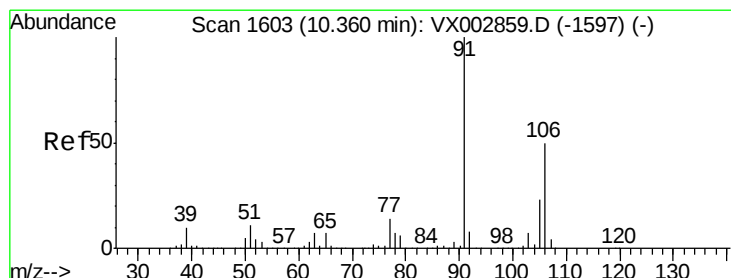
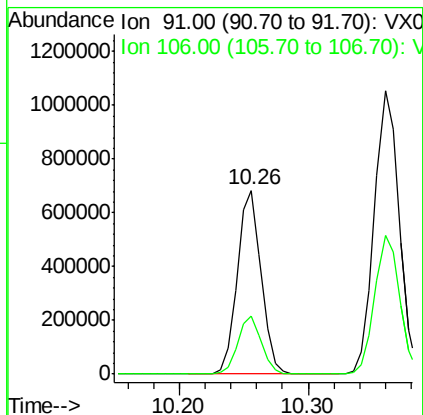
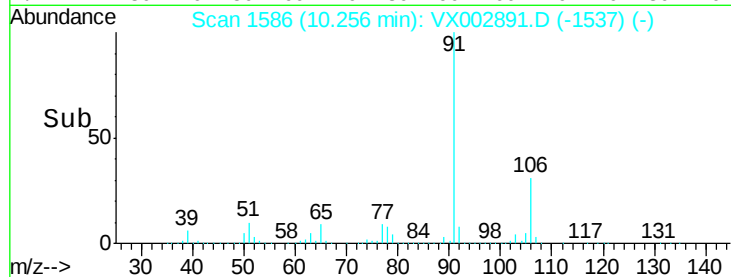
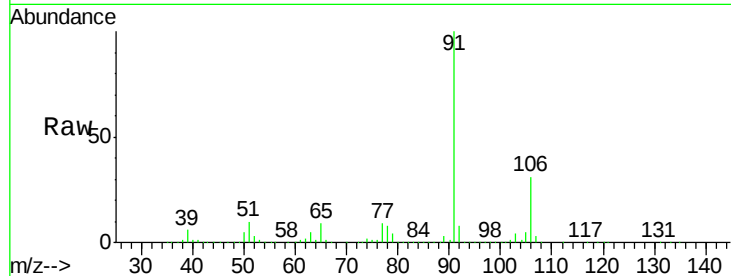
ClientSampled :

Tot Ion: 91 Resp: 877057

Ion Ratio Lower Upper

91 100

106 31.3 25.5 38.3



#68

m/p-Xylenes

Concen: 108.57 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002891.D

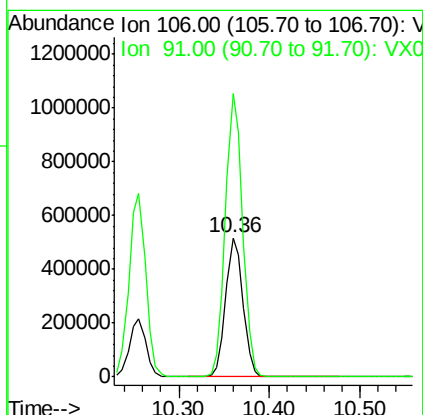
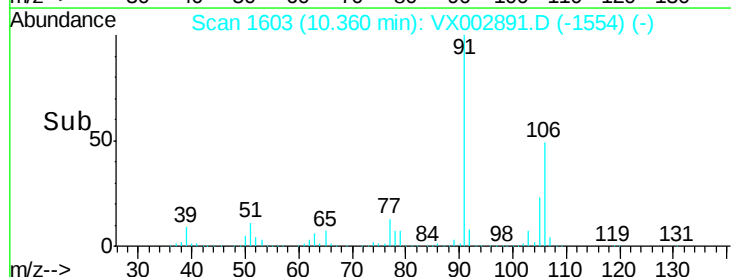
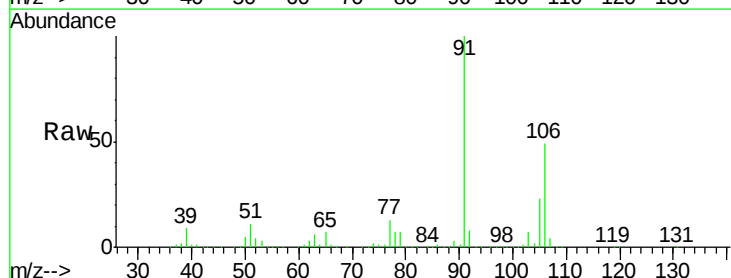
Acq: 26 Jun 2018 11:12

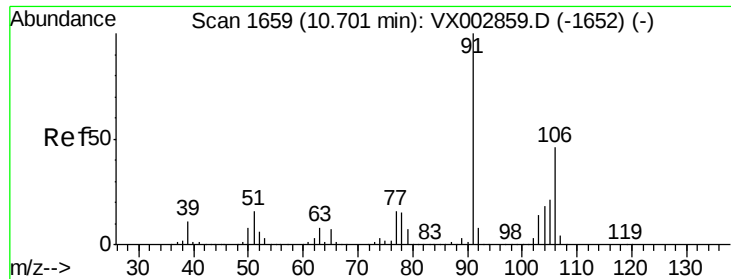
Tgt Ion: 106 Resp: 685297

Ion Ratio Lower Upper

106 100

91 203.7 163.4 245.2

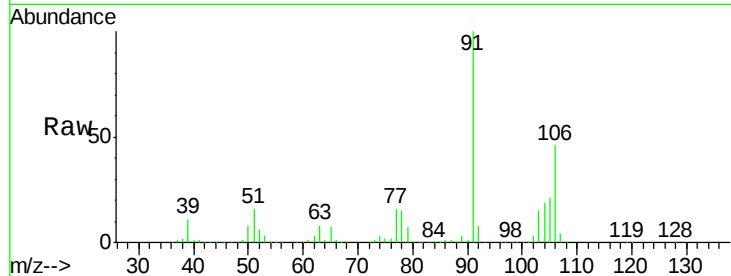




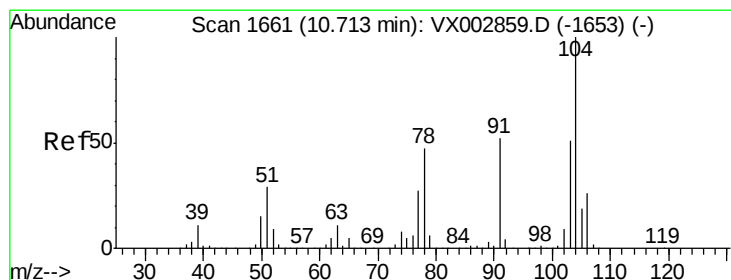
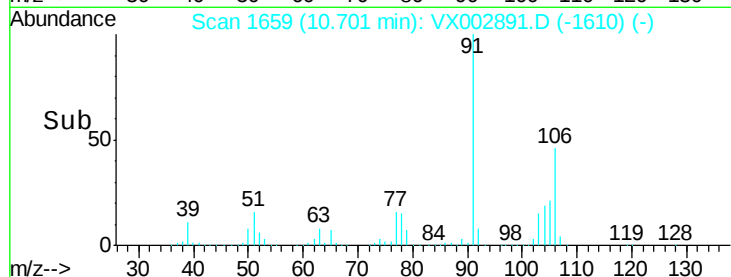
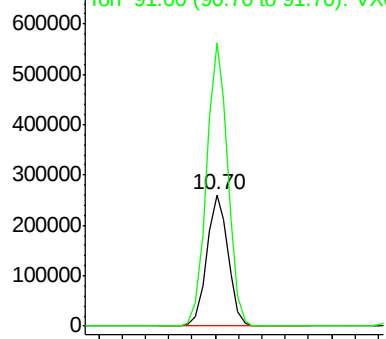
#69
o-Xylene
Concen: 53.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 331283
Ion Ratio Lower Upper
106 100
91 215.3 108.2 324.6

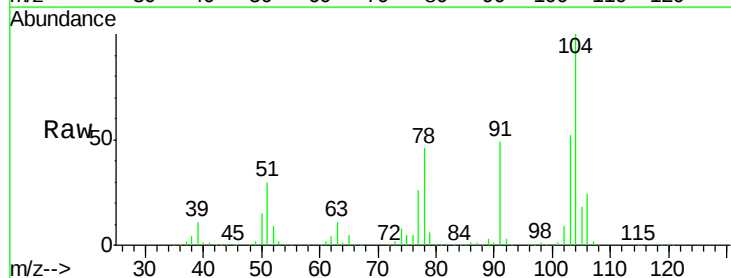


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

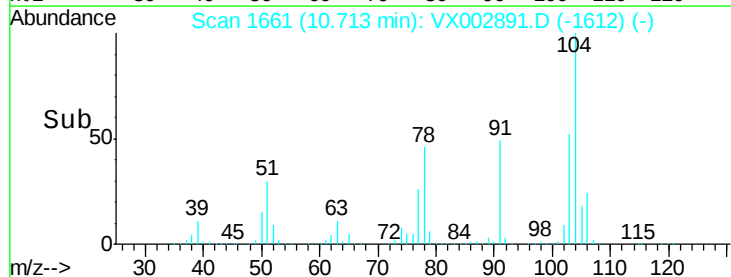
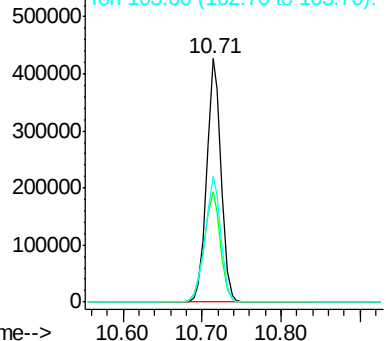


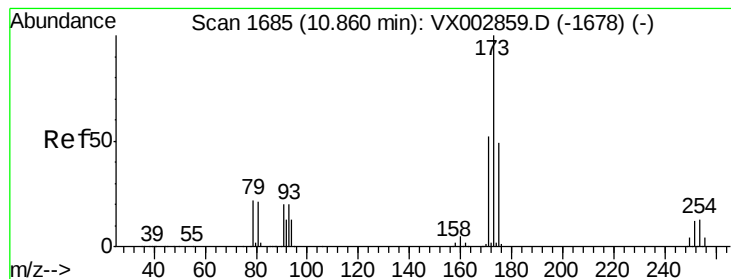
#70
Styrene
Concen: 54.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002891.D
Acq: 26 Jun 2018 11:12

Tgt Ion:104 Resp: 544656
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 56.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.56 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

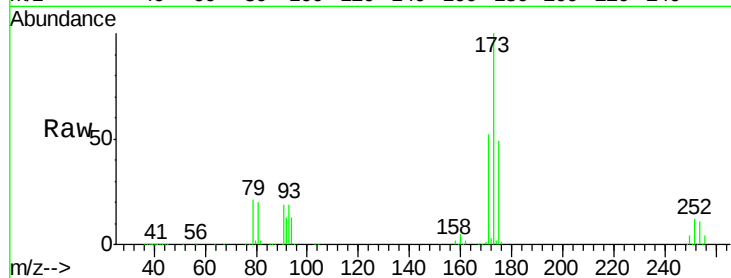
Tot Ion:173 Resp: 161153

Ion Ratio Lower Upper

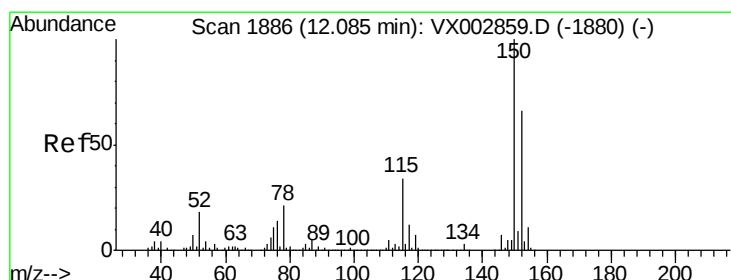
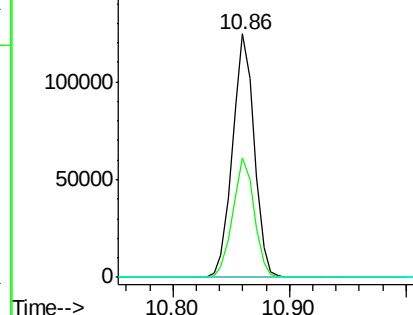
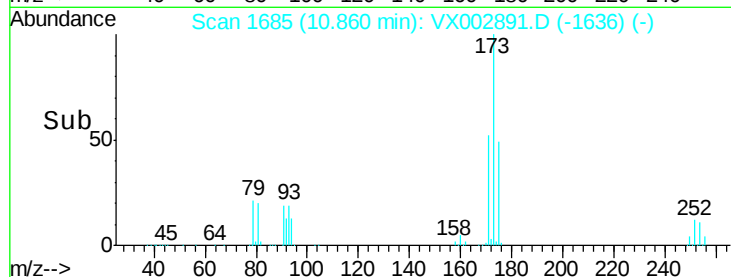
173 100

175 48.7 24.7 74.1

254 0.2 0.2 0.2#



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

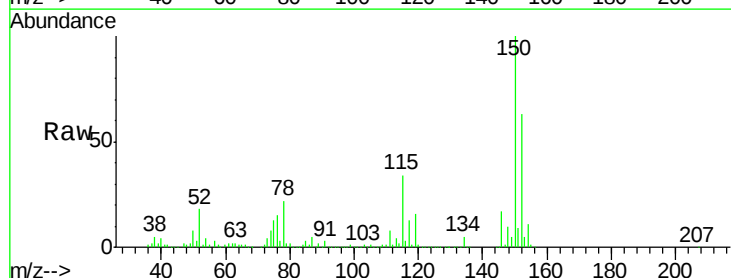
Tgt Ion:152 Resp: 254452

Ion Ratio Lower Upper

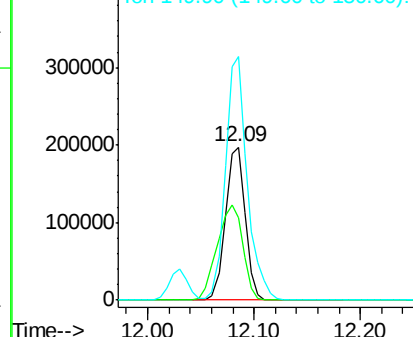
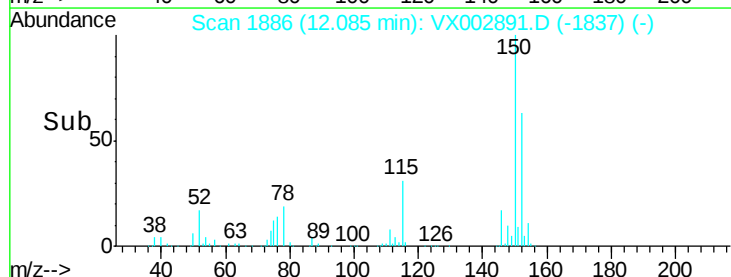
152 100

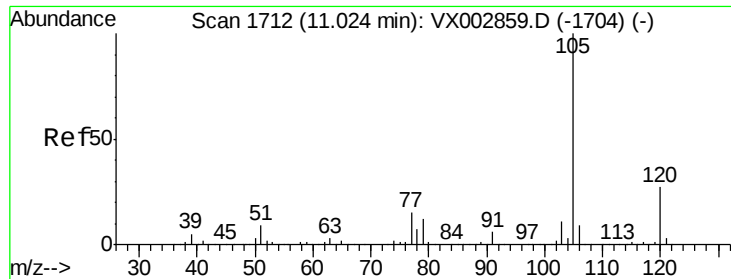
115 80.3 40.1 120.2

150 174.9 0.0 347.2



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: 53.50 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

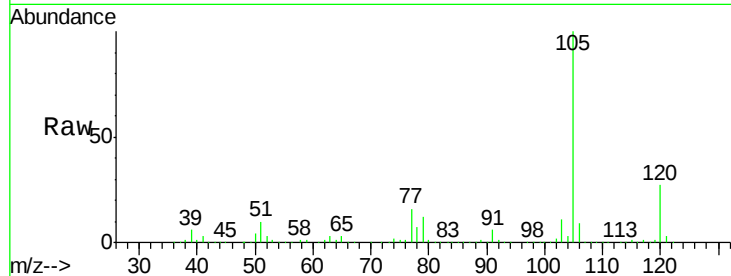
ClientSampleId :

Tot Ion:105 Resp: 915749

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

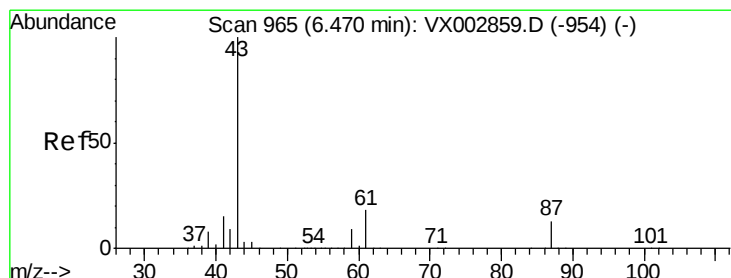
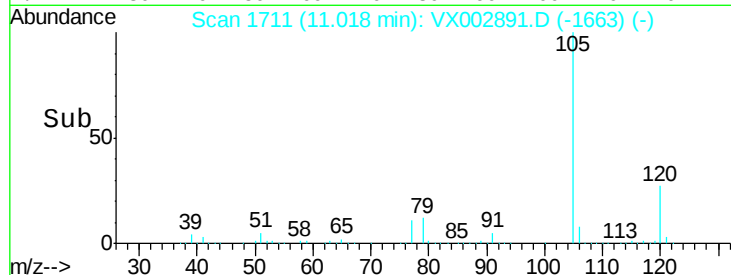
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 49.52 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Tgt Ion: 43 Resp: 414725

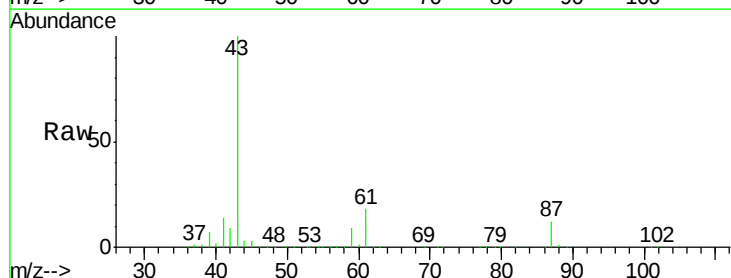
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.4 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

0

6.46

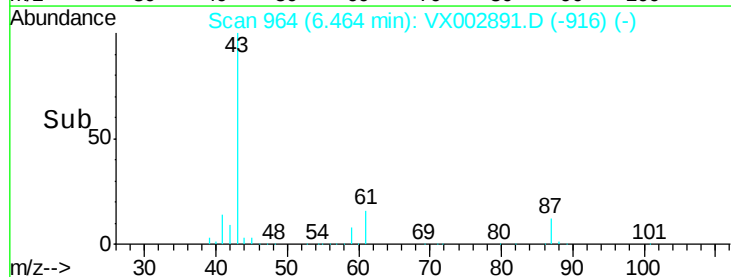
6.30

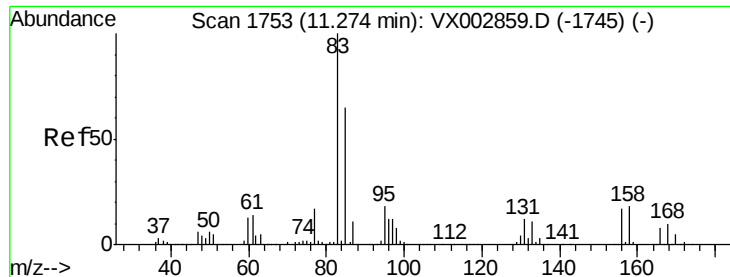
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.05 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

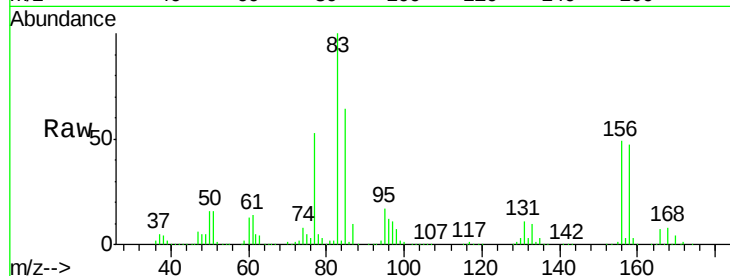
Tot Ion: 83 Resp: 269196

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

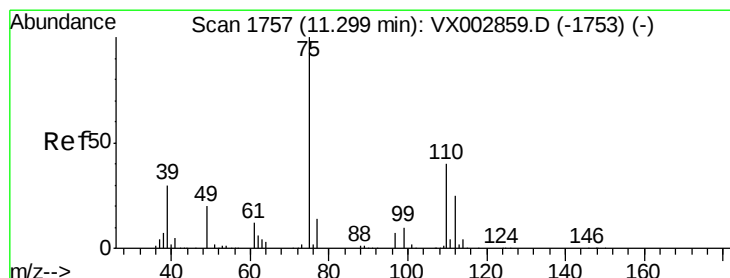
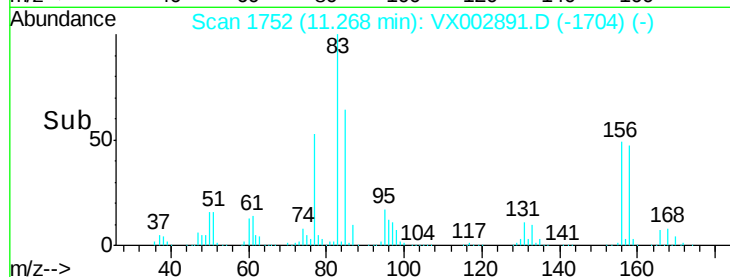
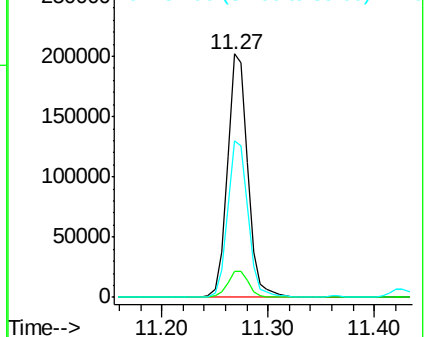
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.07 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002891.D

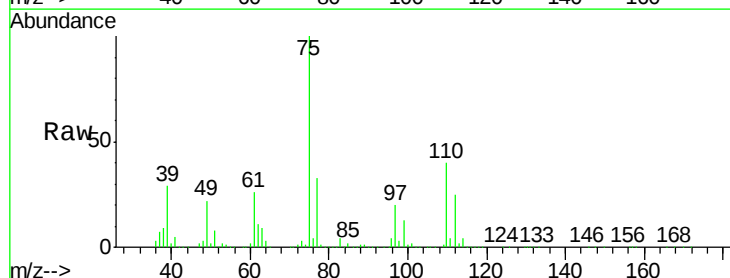
Acq: 26 Jun 2018 11:12

Tgt Ion: 75 Resp: 313746

Ion Ratio Lower Upper

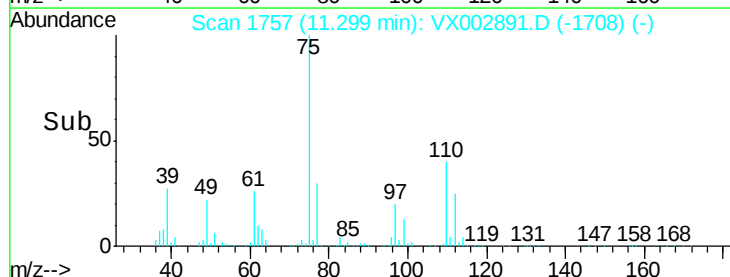
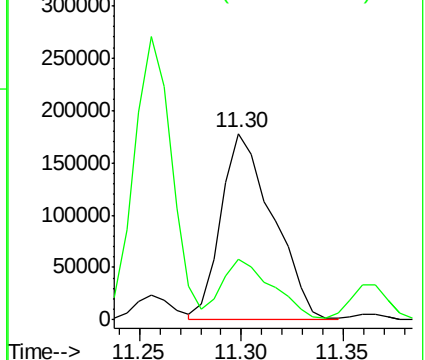
75 100

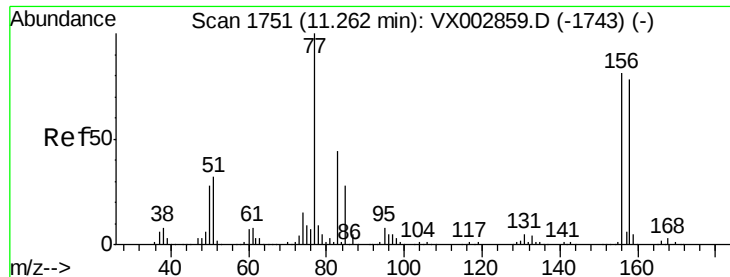
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.93 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

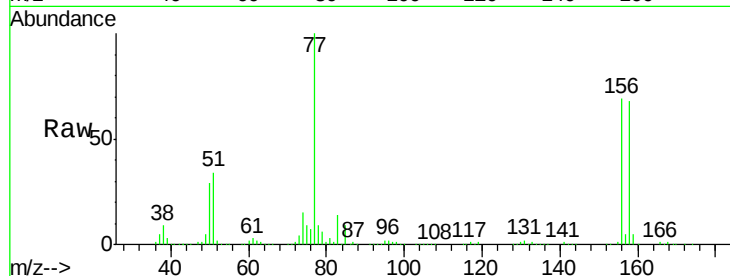
Tot Ion:156 Resp: 248250

Ion Ratio Lower Upper

156 100

77 140.3 71.4 214.2

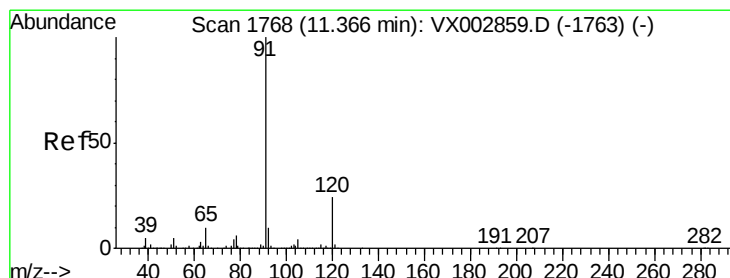
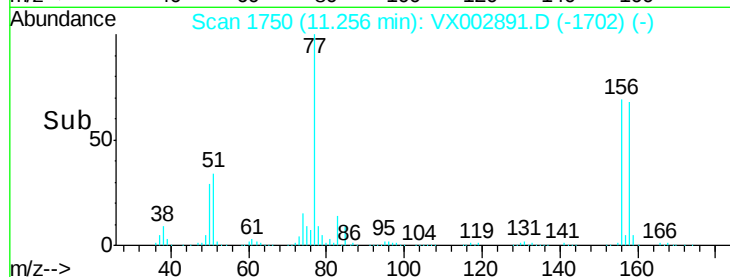
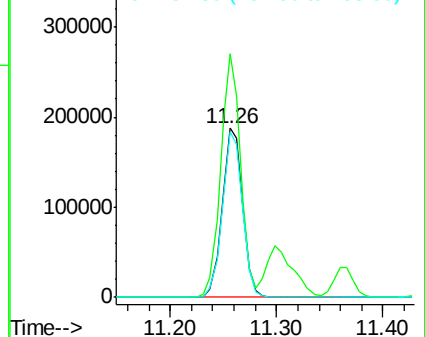
158 96.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.66 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002891.D

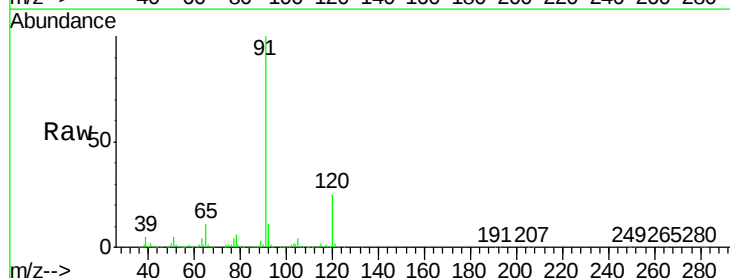
Acq: 26 Jun 2018 11:12

Tgt Ion: 91 Resp: 1065020

Ion Ratio Lower Upper

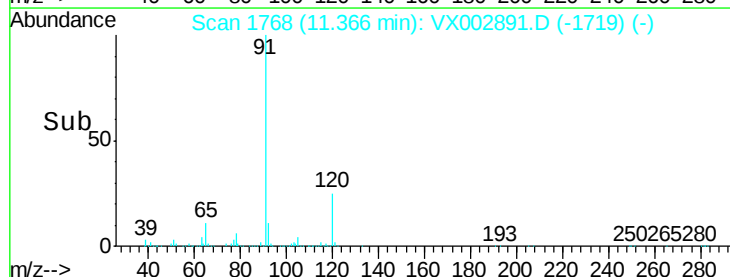
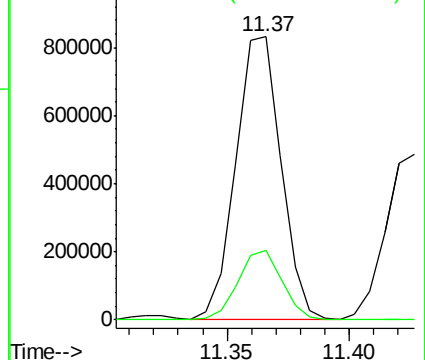
91 100

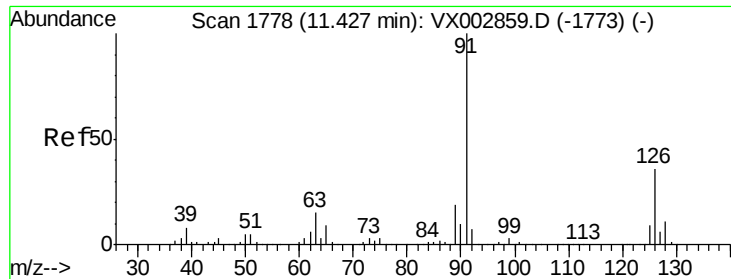
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

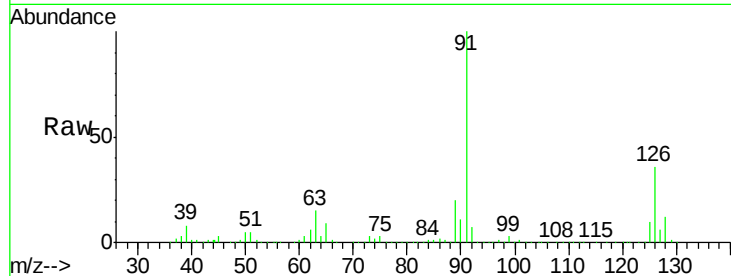
ClientSampleId :

Tot Ion: 91 Resp: 616637

Ion Ratio Lower Upper

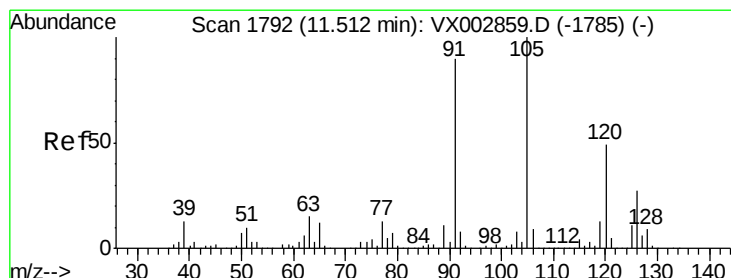
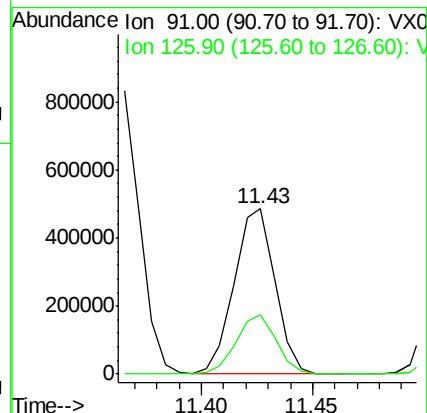
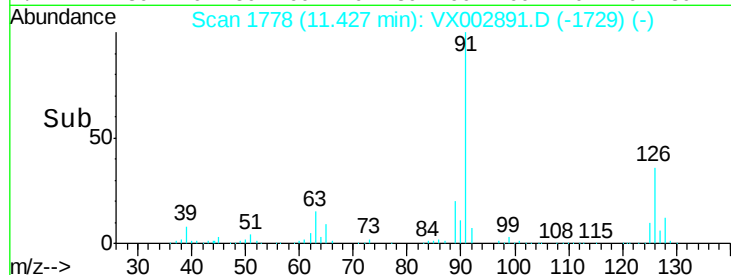
91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002891.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX002891.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002891.D

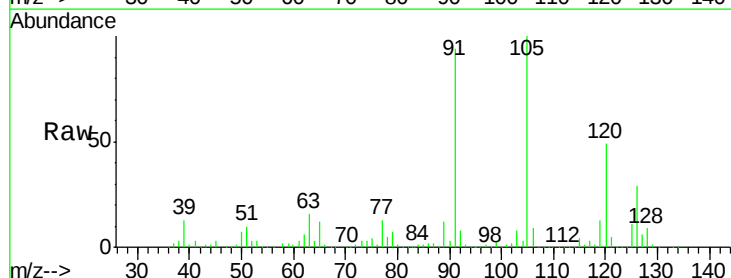
Acq: 26 Jun 2018 11:12

Tgt Ion: 105 Resp: 782176

Ion Ratio Lower Upper

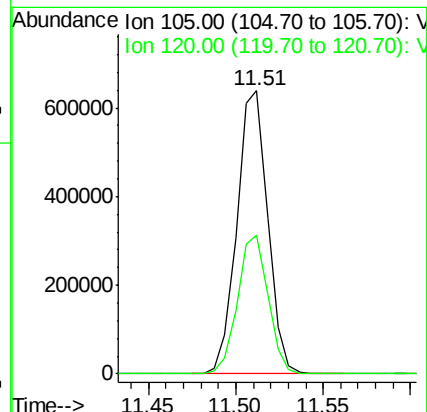
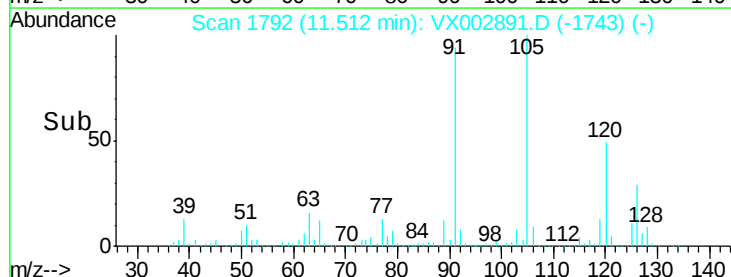
105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002891.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX002891.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.69 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

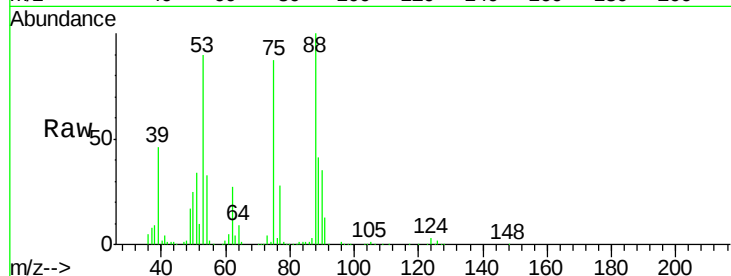
Tot Ion: 75 Resp: 77202

Ion Ratio Lower Upper

75 100

53 105.7 86.8 130.2

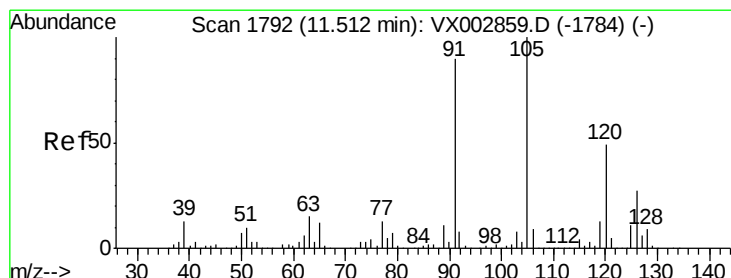
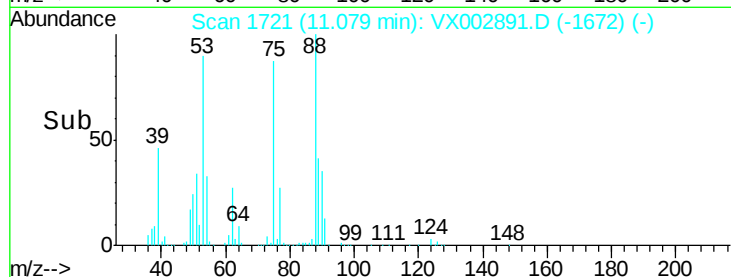
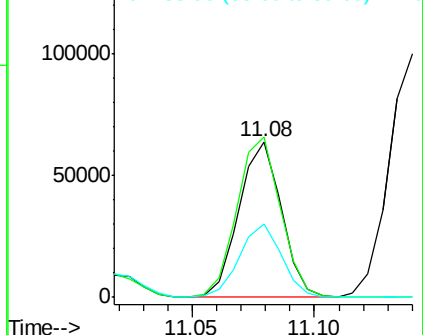
89 46.9 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.45 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002891.D

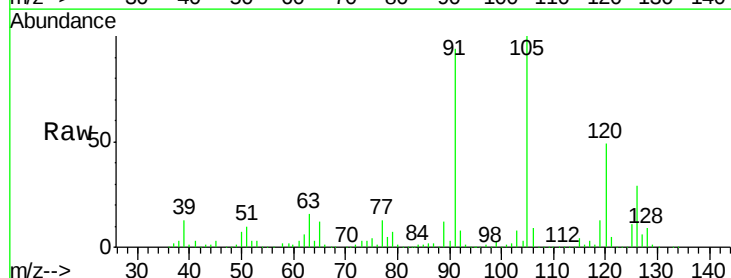
Acq: 26 Jun 2018 11:12

Tgt Ion: 91 Resp: 746507

Ion Ratio Lower Upper

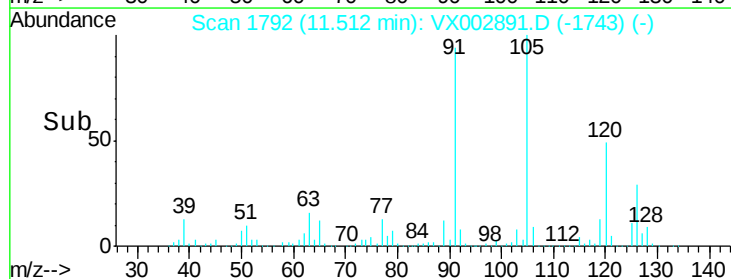
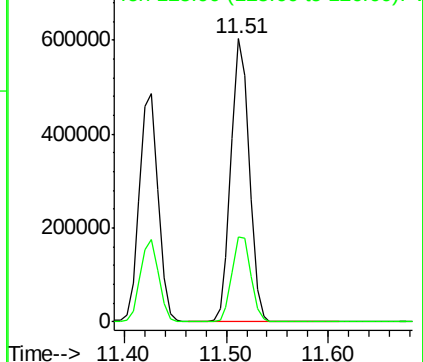
91 100

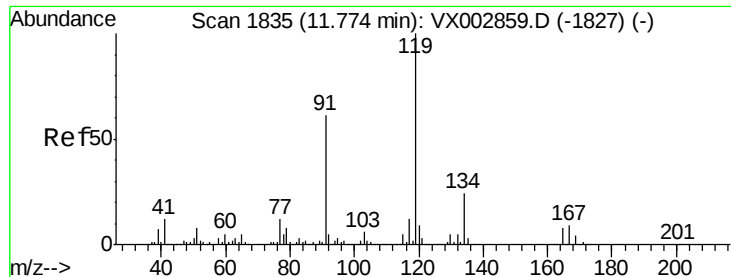
126 31.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

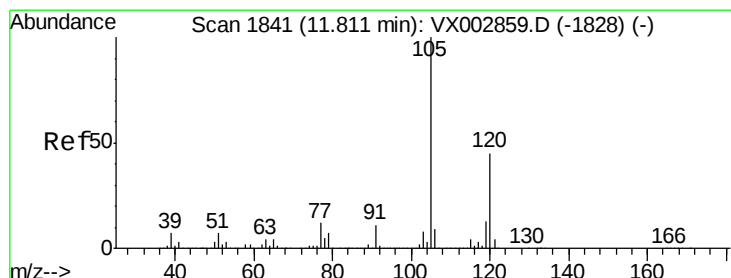
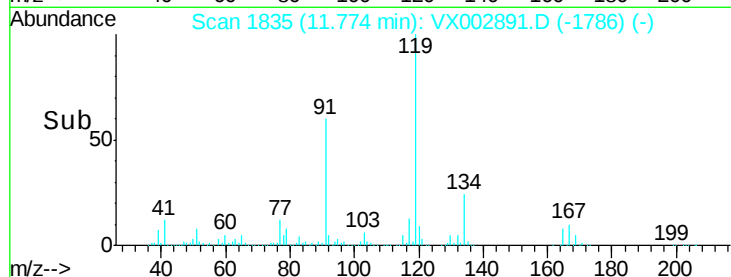
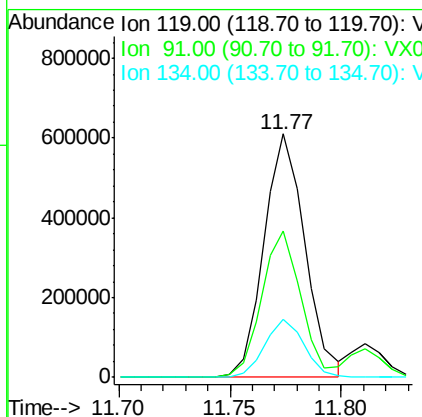
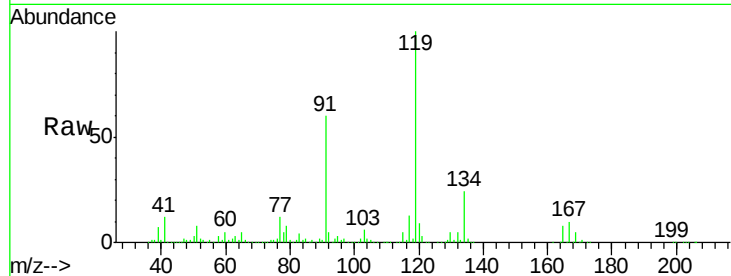




#83
 tert-Butylbenzene
 Concen: 54.86 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

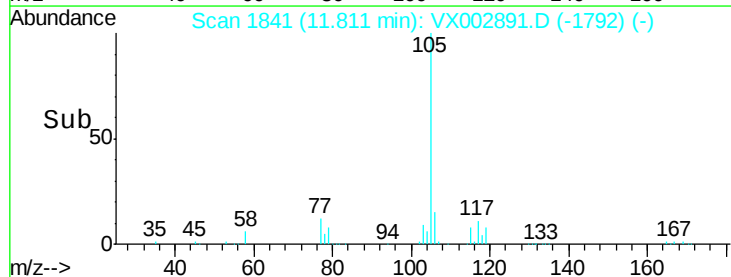
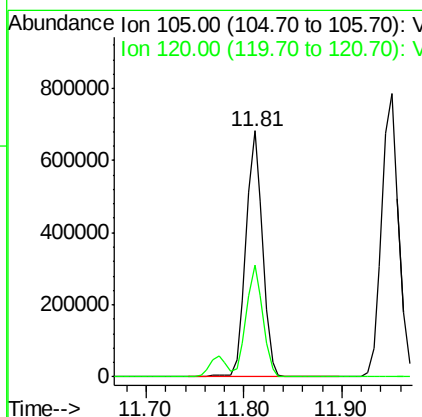
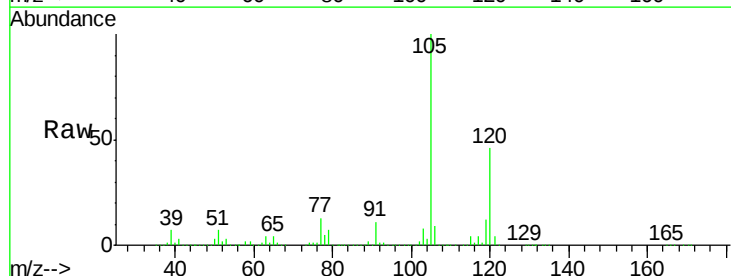
Instrument :
 MSVOA_X
 ClientSampled :

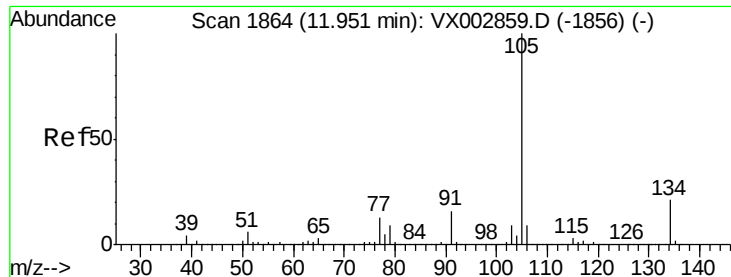
Tot Ion:119 Resp: 779426
 Ion Ratio Lower Upper
 119 100
 91 58.2 30.3 90.9
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.91 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion:105 Resp: 805344
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 54.86 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

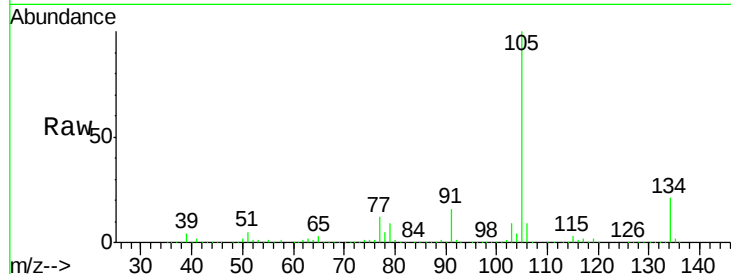
ClientSampled :

Tot Ion:105 Resp: 945567

Ion Ratio Lower Upper

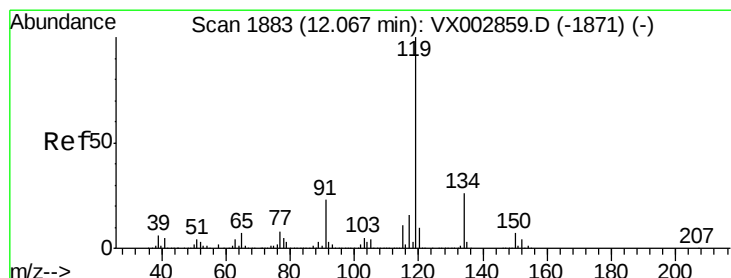
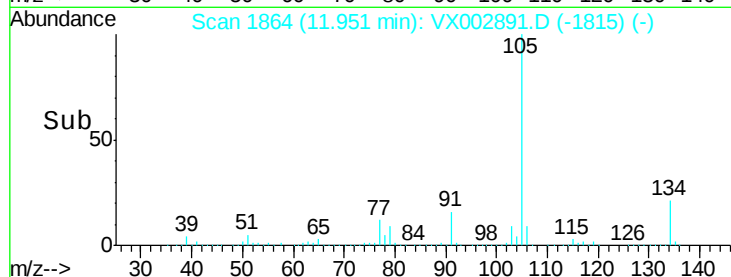
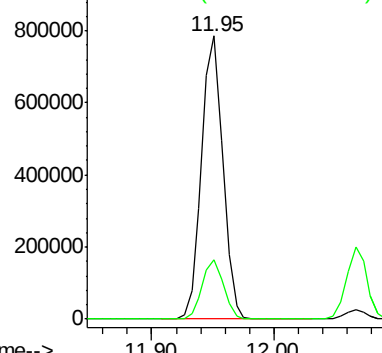
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.57 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

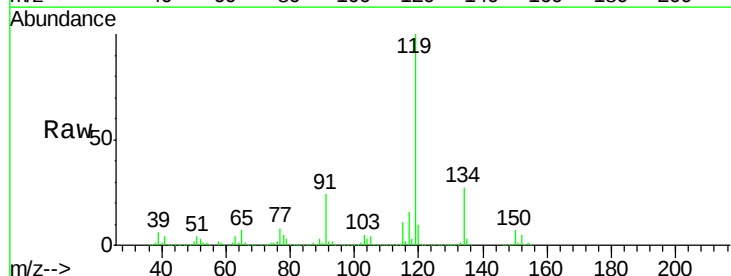
Tgt Ion:119 Resp: 861200

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

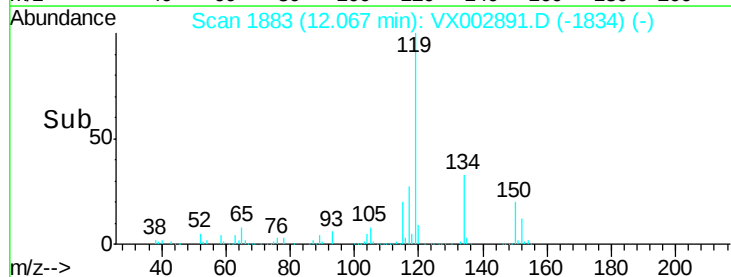
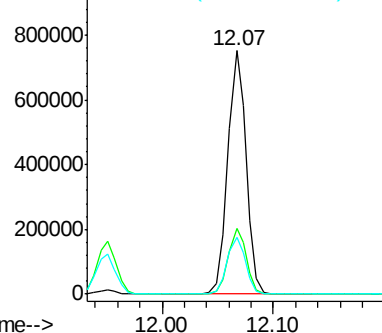
91 23.7 11.9 35.7



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): V





#87

1,3-Dichlorobenzene

Concen: 52.42 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampled :

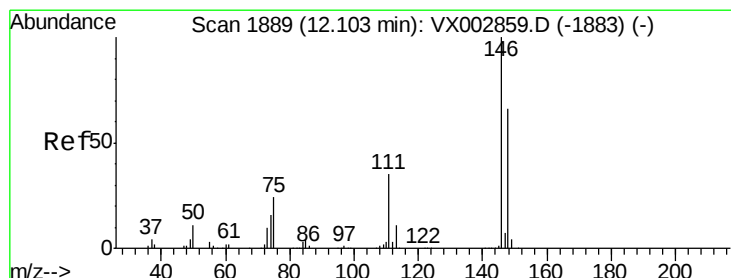
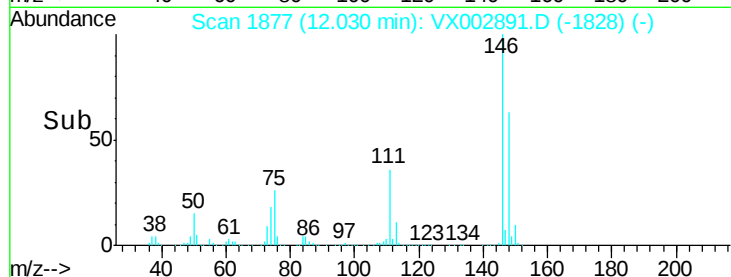
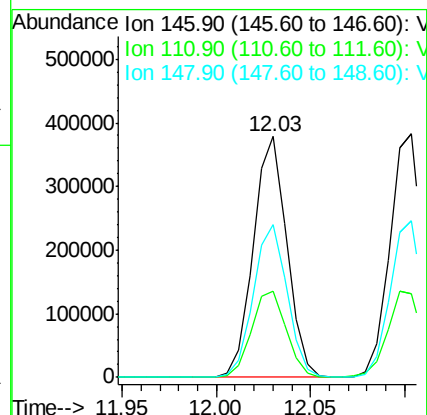
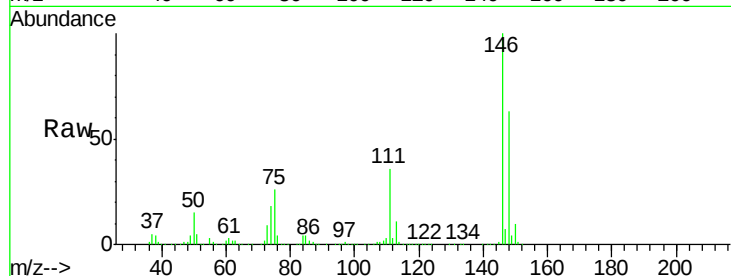
Tot Ion:146 Resp: 466723

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

148 63.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 51.71 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

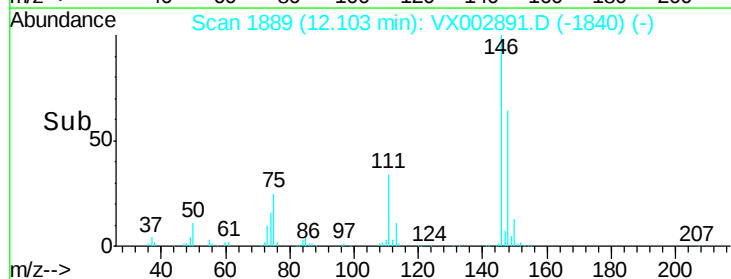
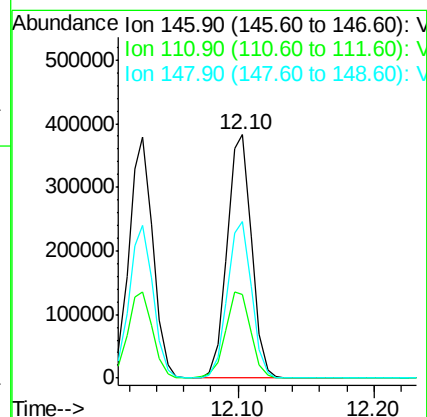
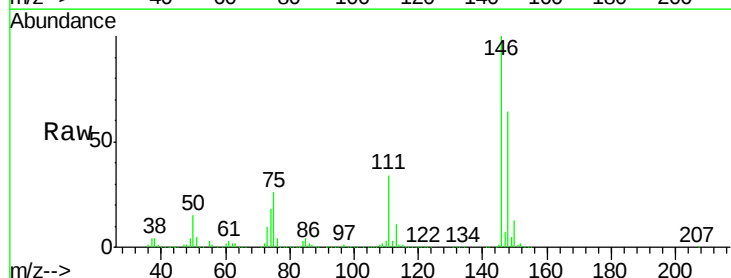
Tgt Ion:146 Resp: 473754

Ion Ratio Lower Upper

146 100

111 36.3 18.7 56.1

148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 57.06 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

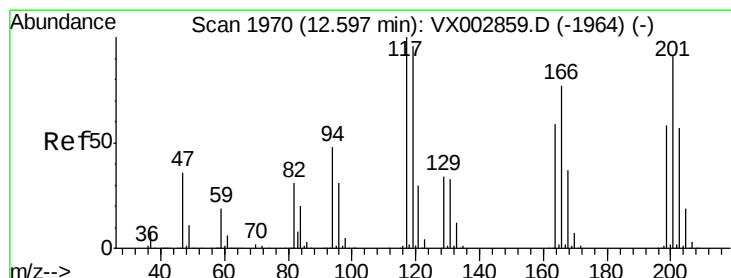
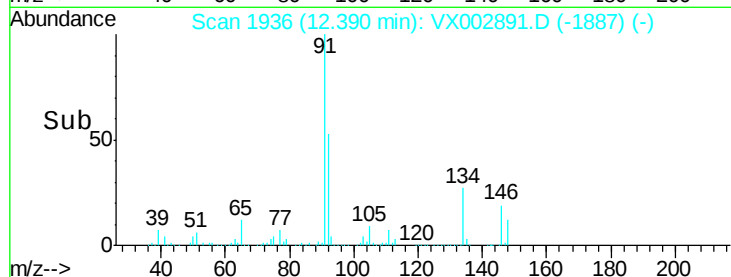
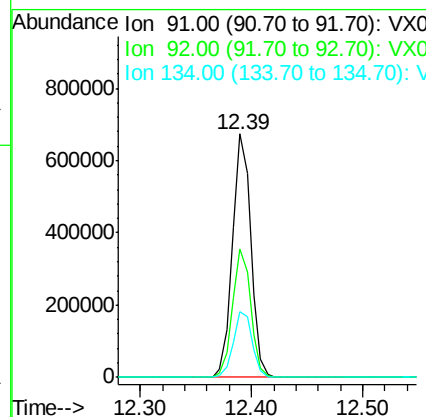
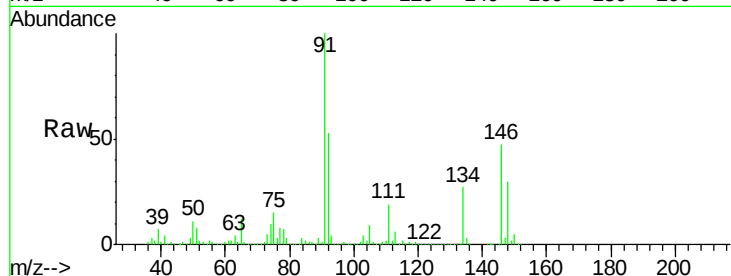
Tot Ion: 91 Resp: 769607

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 54.93 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002891.D

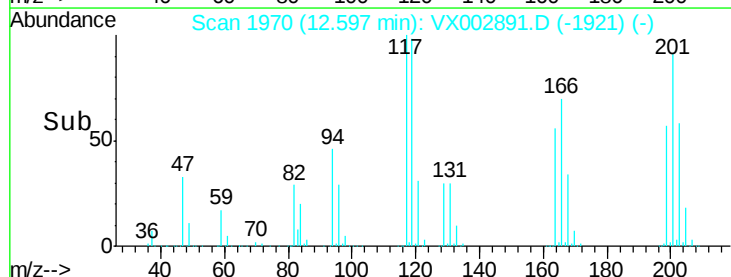
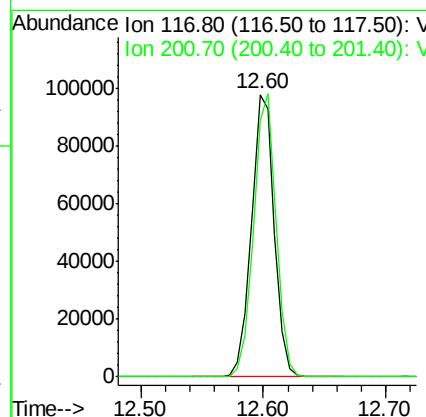
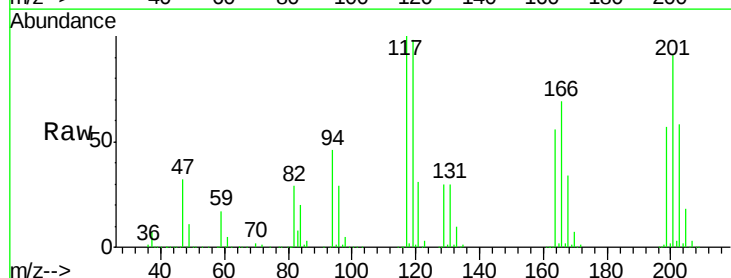
Acq: 26 Jun 2018 11:12

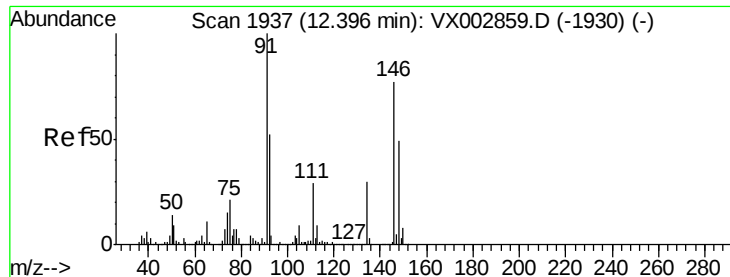
Tgt Ion: 117 Resp: 126620

Ion Ratio Lower Upper

117 100

201 98.9 49.0 147.0

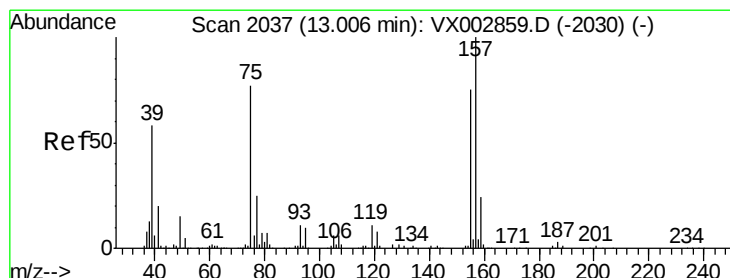
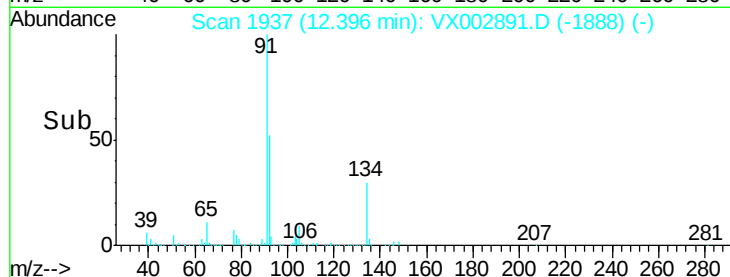
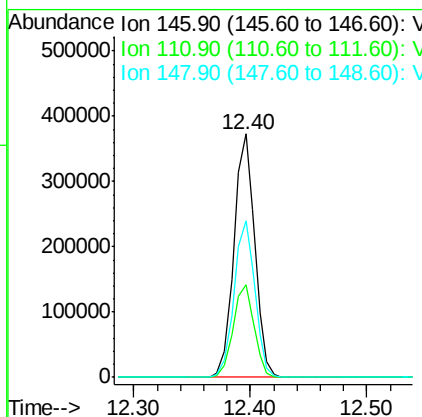
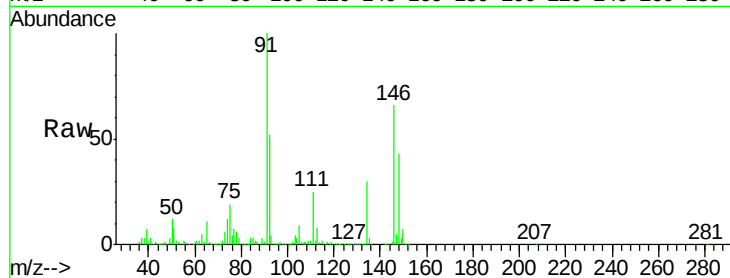




#91
 1,2-Dichlorobenzene
 Concen: 51.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

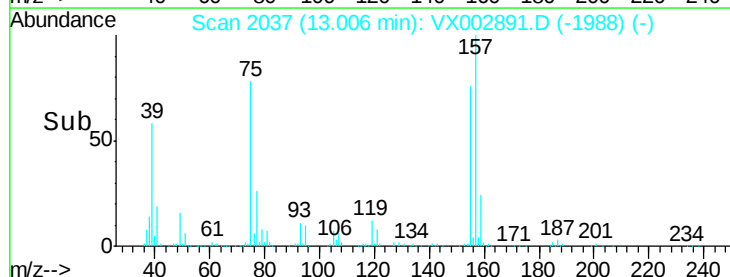
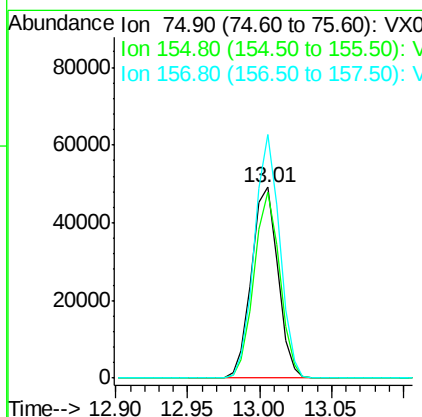
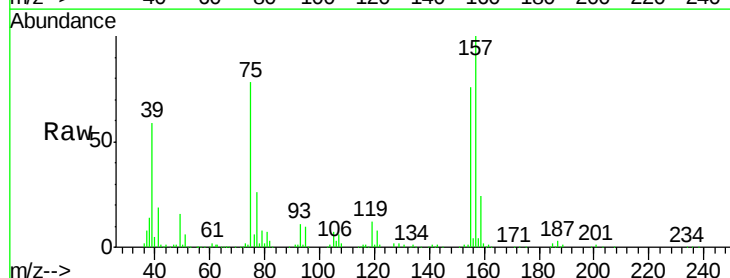
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.4	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.4	45.8	137.4
157	121.2	60.1	180.3

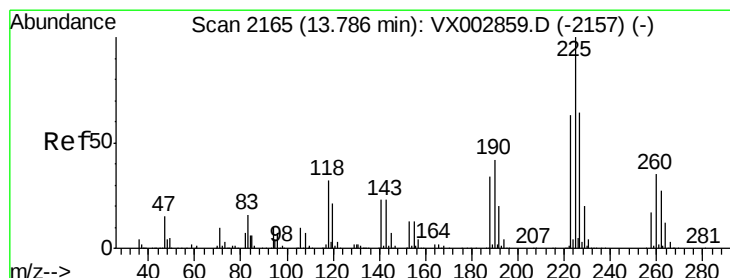
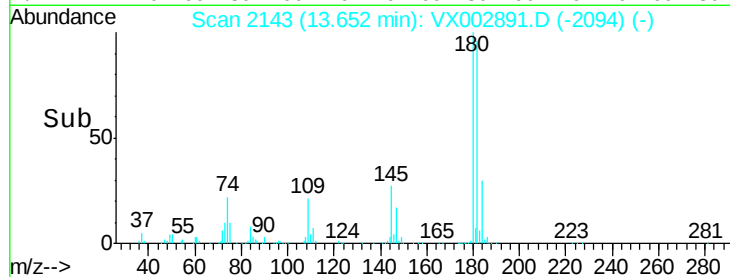
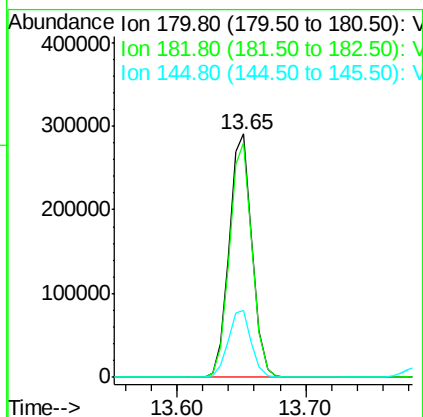
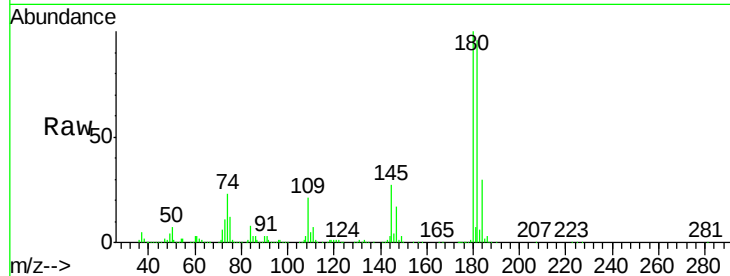




#93
 1,2,4-Trichlorobenzene
 Concen: 55.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

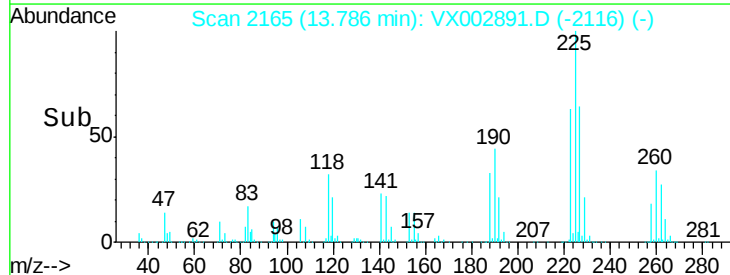
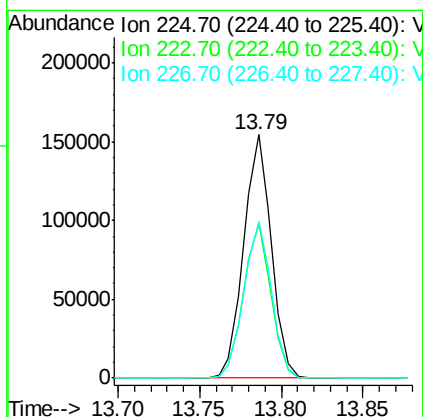
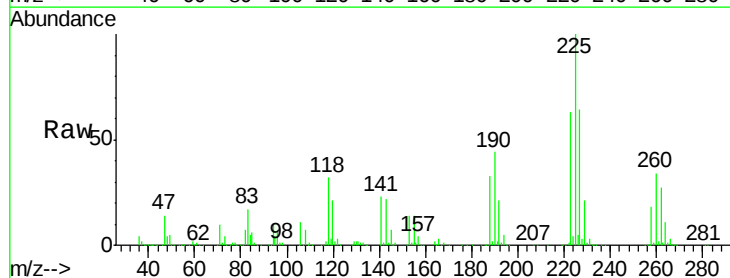
Instrument :
 MSVOA_X
 ClientSampleId :

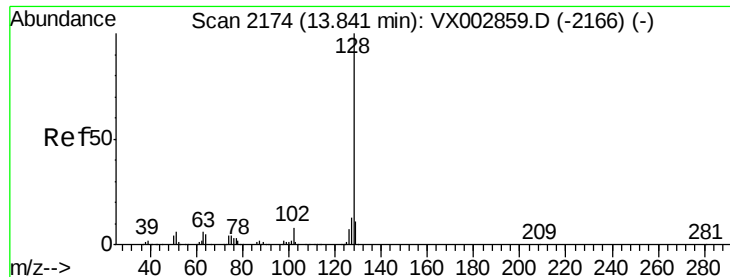
Tot Ion:180 Resp: 360171
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.75 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002891.D
 Acq: 26 Jun 2018 11:12

Tgt Ion:225 Resp: 181860
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 54.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

Instrument :

MSVOA_X

ClientSampleId :

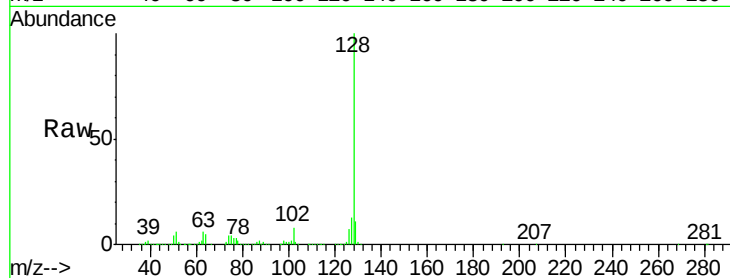
Tot Ion:128 Resp: 950254

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

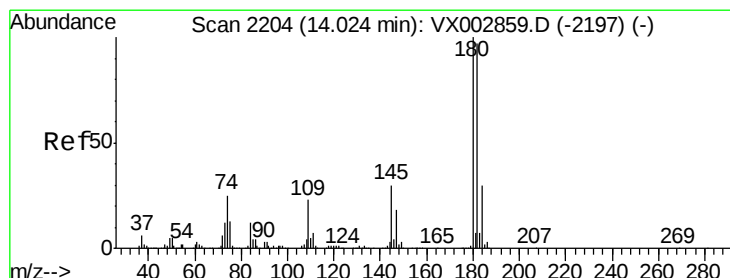
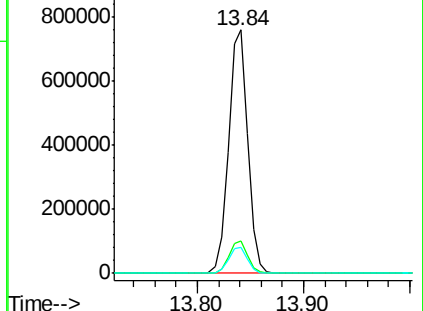
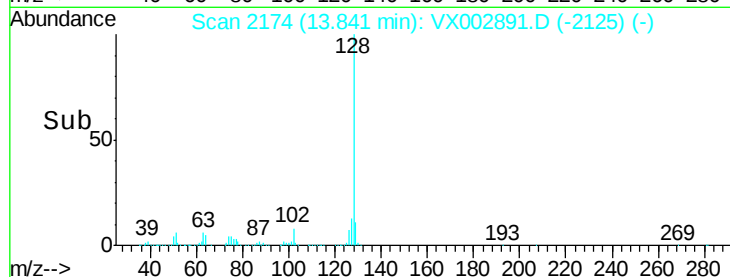
129 10.9 8.6 13.0



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: 54.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002891.D

Acq: 26 Jun 2018 11:12

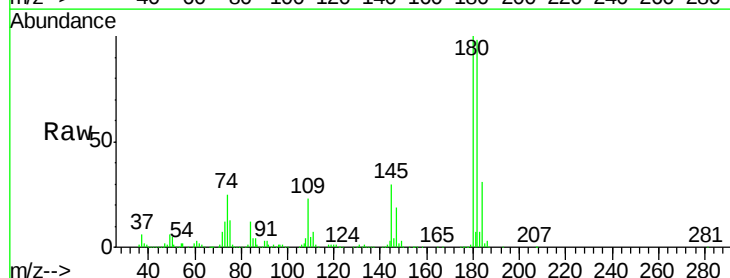
Tgt Ion:180 Resp: 354036

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.0

145 29.4 14.8 44.3



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

