

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002903.D
 Acq On : 26 Jun 2018 19:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:40:09 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	268170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226860	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	181022	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
35) Dibromofluoromethane	5.51	113	145794	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
50) Toluene-d8	8.72	98	539251	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.14	95	210764	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111202	46.42	ug/l	98
3) Chloromethane	1.32	50	116863	46.94	ug/l	98
4) Vinyl Chloride	1.40	62	135608	44.71	ug/l	96
5) Bromomethane	1.64	94	77298	54.87	ug/l	100
6) Chloroethane	1.72	64	85182	47.78	ug/l	100
7) Trichlorofluoromethane	1.93	101	240023	46.92	ug/l	99
8) Diethyl Ether	2.19	74	86493	46.51	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137553	46.40	ug/l	99
10) Methyl Iodide	2.51	142	113080	39.16	ug/l	100
11) Tert butyl alcohol	3.07	59	170986	231.56	ug/l	98
12) 1,1-Dichloroethene	2.37	96	120901	45.71	ug/l	95
13) Acrolein	2.29	56	95265	233.01	ug/l	99
14) Allyl chloride	2.73	41	244281	46.86	ug/l	98
15) Acrylonitrile	3.15	53	372587	236.24	ug/l	100
16) Acetone	2.45	43	348159	226.81	ug/l	98
17) Carbon Disulfide	2.57	76	312692	44.37	ug/l	98
18) Methyl Acetate	2.78	43	217669	50.72	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	448080	47.13	ug/l	100
20) Methylene Chloride	2.85	84	136361	45.65	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	131533	45.66	ug/l	97
22) Diisopropyl ether	3.87	45	473256	47.49	ug/l	97
23) Vinyl Acetate	3.82	43	2005005	237.60	ug/l	100
24) 1,1-Dichloroethane	3.70	63	257477	47.54	ug/l	99
25) 2-Butanone	4.71	43	533230	234.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	190025	43.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149141	46.18	ug/l	95
28) Bromochloromethane	5.02	49	126680	48.86	ug/l	92
29) Tetrahydrofuran	5.17	42	340360	232.98	ug/l	97
30) Chloroform	5.22	83	264522	47.59	ug/l	97
31) Cyclohexane	5.57	56	217085	46.70	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	236669	48.39	ug/l	99
36) 1,1-Dichloropropene	5.80	75	190567	48.12	ug/l	99
37) Ethyl Acetate	4.86	43	206195	48.36	ug/l	100
38) Carbon Tetrachloride	5.78	117	213263	49.07	ug/l	99

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Quant Time: Jun 27 02:40:09 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)
39) Methylcyclohexane	7.46	83	225691	48.92	ug/l	97
40) Benzene	6.15	78	557076	48.41	ug/l	100
41) Methacrylonitrile	5.06	41	120690	49.15	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222377	47.84	ug/l	100
43) Isopropyl Acetate	6.47	43	340042	47.55	ug/l	99
44) Trichloroethene	7.21	130	163867	47.76	ug/l	96
45) 1,2-Dichloropropane	7.52	63	149557	49.00	ug/l	98
46) Dibromomethane	7.66	93	101847	48.08	ug/l	97
47) Bromodichloromethane	7.90	83	198671	50.73	ug/l	97
48) Methyl methacrylate	7.78	41	181989	49.39	ug/l	98
49) 1,4-Dioxane	7.76	88	70460	982.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1114914	249.18	ug/l	99
52) Toluene	8.79	92	364174	49.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227960	51.40	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	210940	49.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151383	49.98	ug/l	97
56) Ethyl methacrylate	9.18	69	222218	50.20	ug/l	97
57) 1,3-Dichloropropane	9.37	76	243892	49.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	546304	255.79	ug/l	98
59) 2-Hexanone	9.50	43	850495	250.11	ug/l	98
60) Dibromochloromethane	9.59	129	163229	51.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158001	49.73	ug/l	100
64) Tetrachloroethene	9.34	164	188373	48.69	ug/l	98
65) Chlorobenzene	10.14	112	426241	48.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	157710	49.13	ug/l	99
67) Ethyl Benzene	10.26	91	737571	50.52	ug/l	99
68) m/p-Xylenes	10.36	106	570768	101.45	ug/l	100
69) o-Xylene	10.70	106	274608	50.13	ug/l	100
70) Styrene	10.71	104	459405	51.61	ug/l	100
71) Bromoform	10.86	173	129642	45.11	ug/l	100
73) Isopropylbenzene	11.02	105	762649	49.97	ug/l	100
74) N-amyl acetate	6.47	43	340042	45.54	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	222552	47.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257763	62.73	ug/l	80
77) Bromobenzene	11.26	156	207886	47.83	ug/l	98
78) n-propylbenzene	11.37	91	874662	50.35	ug/l	99
79) 2-Chlorotoluene	11.43	91	519502	49.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	650965	50.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61316	43.74	ug/l	99
82) 4-Chlorotoluene	11.51	91	616406	49.51	ug/l	100
83) tert-Butylbenzene	11.77	119	635895	50.20	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	668485	50.19	ug/l	99
85) sec-Butylbenzene	11.95	105	779480	50.72	ug/l	100
86) p-Isopropyltoluene	12.07	119	712617	51.58	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	386499	48.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	393376	48.16	ug/l	99
89) n-Butylbenzene	12.39	91	616353	51.25	ug/l	100
90) Hexachloroethane	12.60	117	104351	50.78	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	388009	48.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50334	47.63	ug/l	98

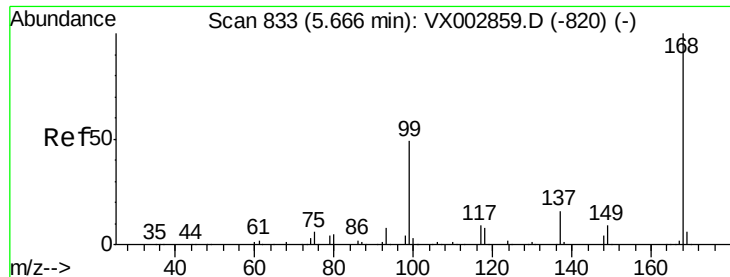
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062618\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291378	49.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	144591	49.72	ug/l	99
95) Naphthalene	13.84	128	785901	50.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289943	49.79	ug/l	100

(#) = 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: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

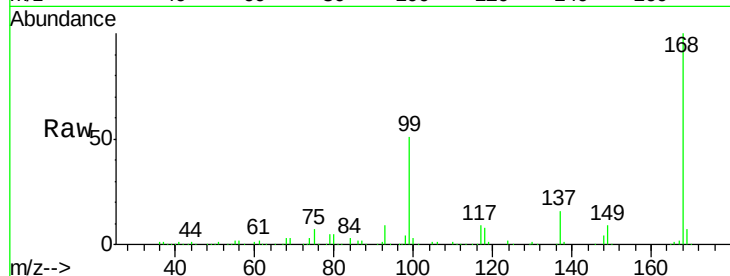
ClientSampleId :

Tot Ion:168 Resp: 268170

Ion Ratio Lower Upper

168 100

99 51.2 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

100000

80000

60000

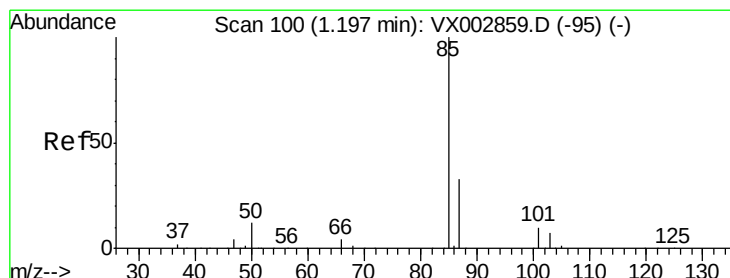
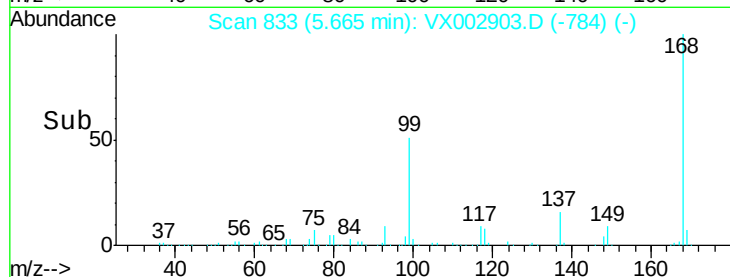
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002903.D

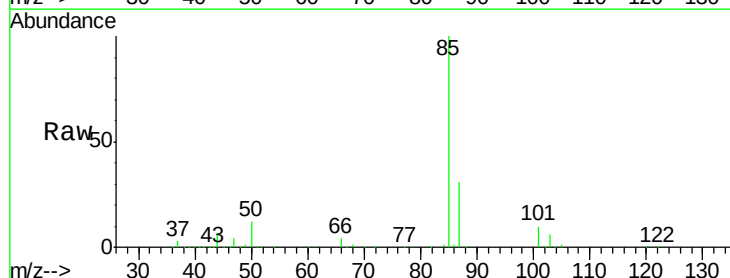
Acq: 26 Jun 2018 19:18

Tgt Ion: 85 Resp: 111202

Ion Ratio Lower Upper

85 100

87 30.9 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

120000

100000

80000

60000

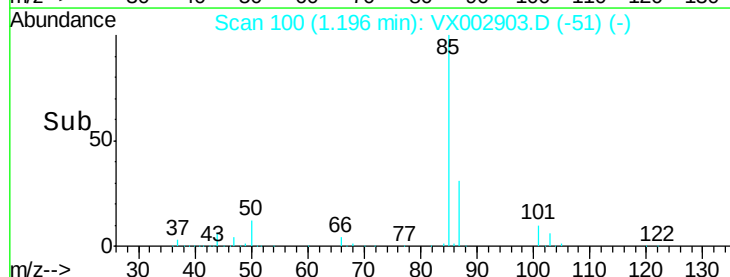
40000

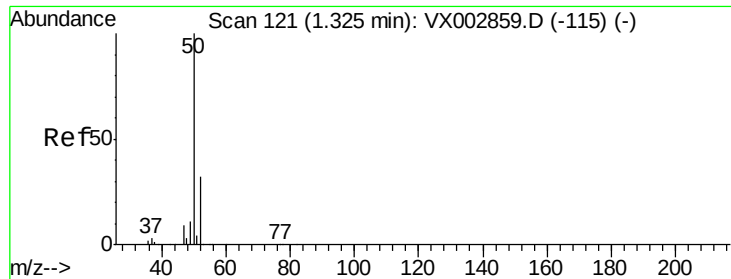
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.94 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

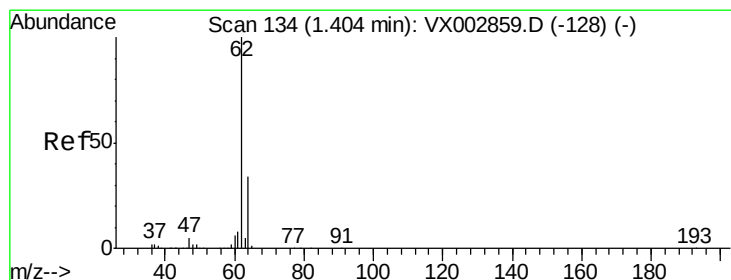
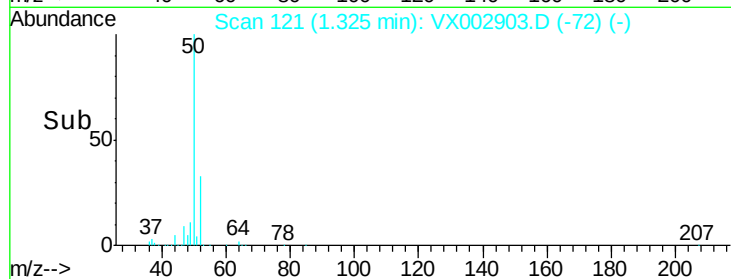
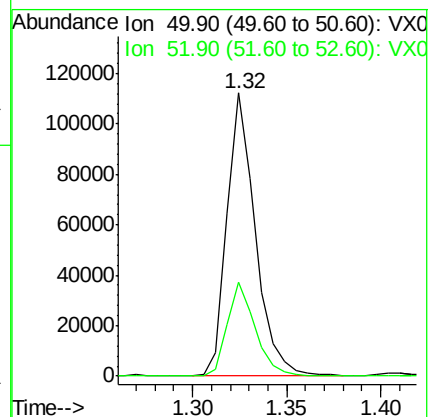
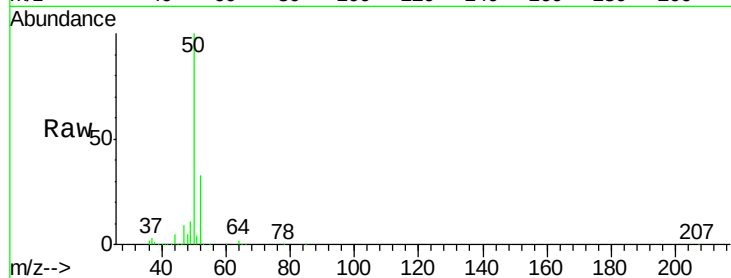
ClientSampled :

Tot Ion: 50 Resp: 116863

Ion Ratio Lower Upper

50 100

52 33.3 25.7 38.5



#4

Vinyl Chloride

Concen: 44.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002903.D

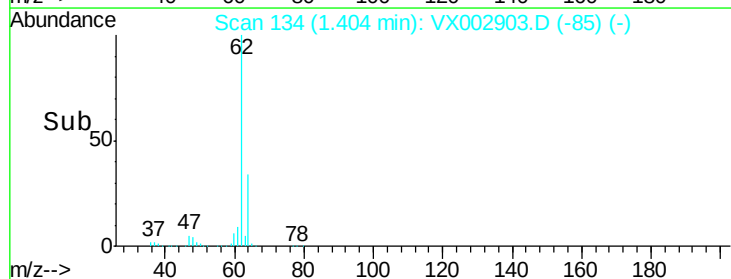
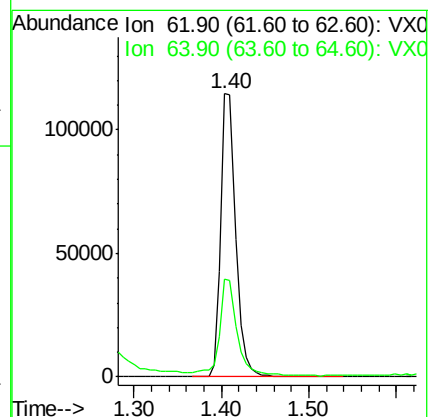
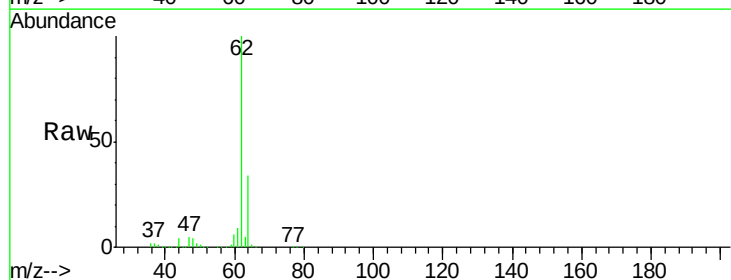
Acq: 26 Jun 2018 19:18

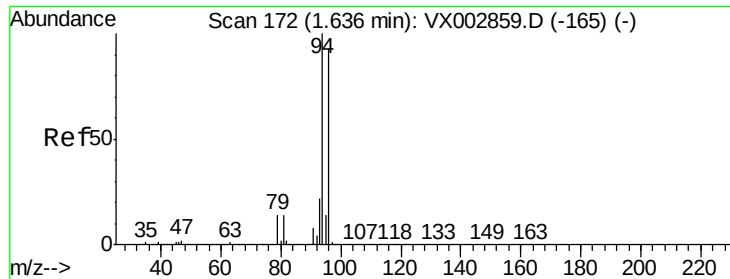
Tgt Ion: 62 Resp: 135608

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.2





#5

Bromomethane

Concen: 54.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

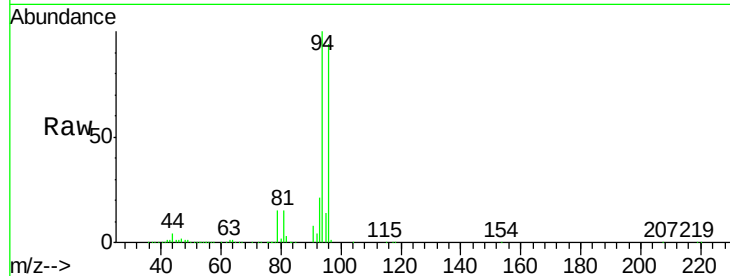
ClientSampleId :

Tot Ion: 94 Resp: 77298

Ion Ratio Lower Upper

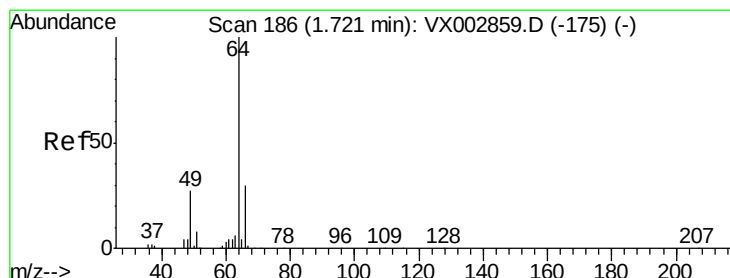
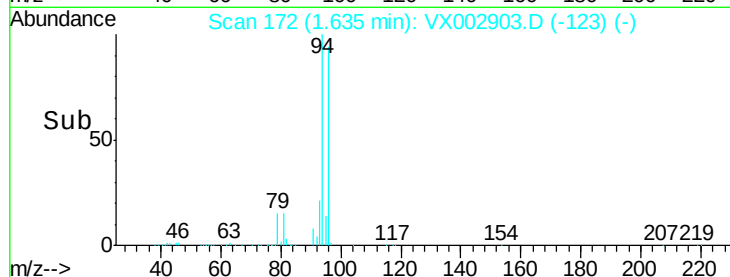
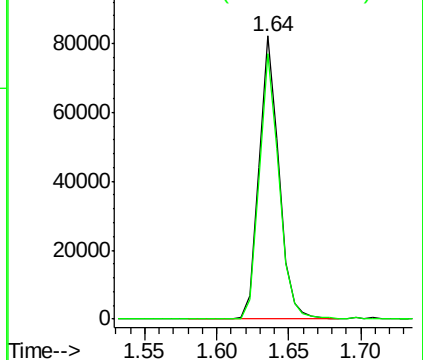
94 100

96 93.7 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: 47.78 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002903.D

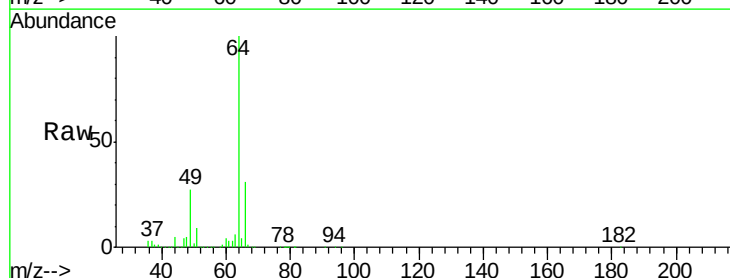
Acq: 26 Jun 2018 19:18

Tgt Ion: 64 Resp: 85182

Ion Ratio Lower Upper

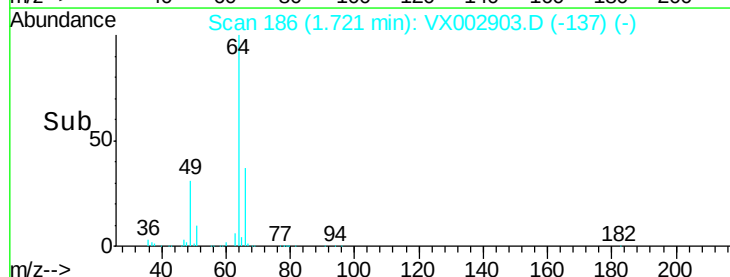
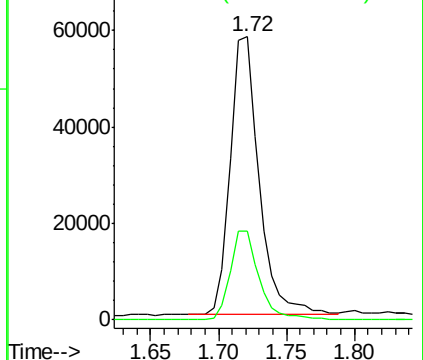
64 100

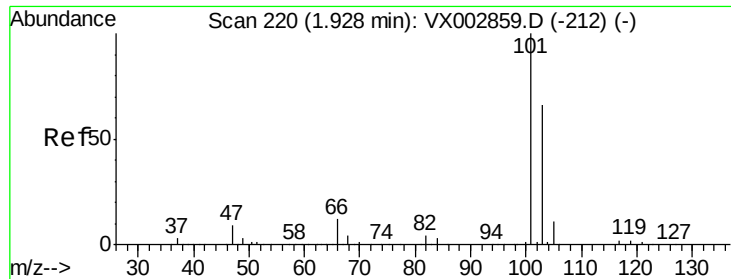
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



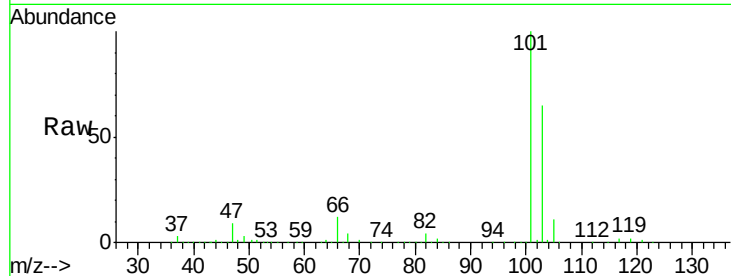


#7

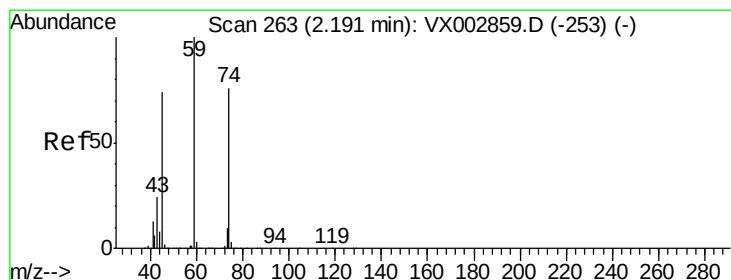
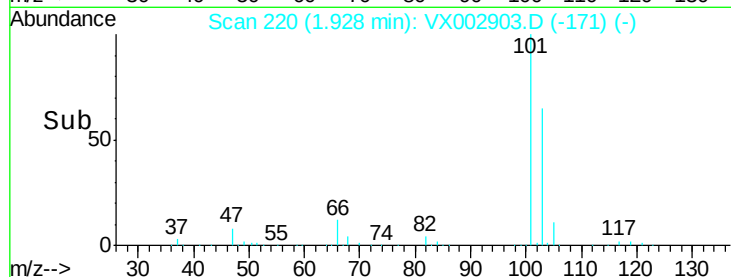
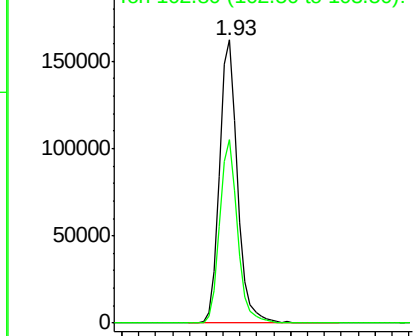
Trichlorofluoromethane
Concen: 46.92 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 240023
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2



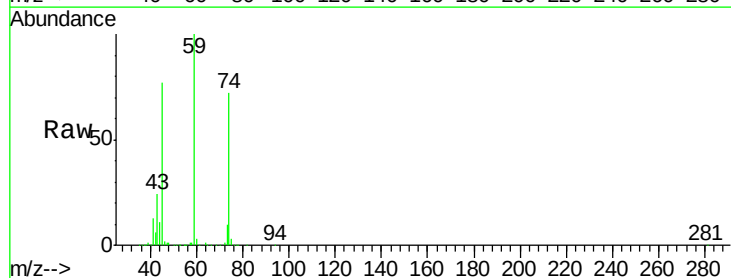
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



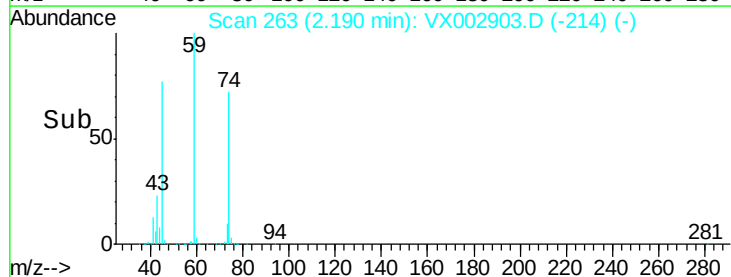
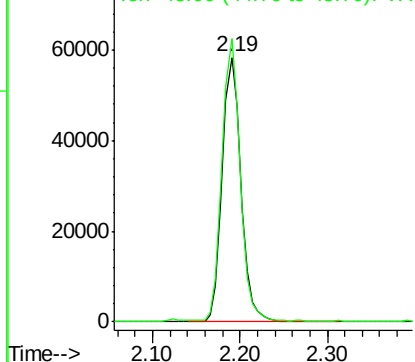
#8

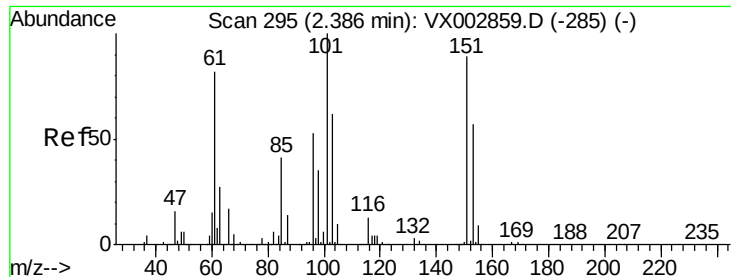
Diethyl Ether
Concen: 46.51 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion: 74 Resp: 86493
Ion Ratio Lower Upper
74 100
45 102.2 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.40 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

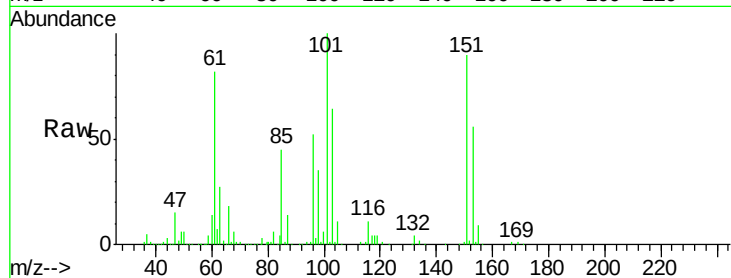
Tot Ion:101 Resp: 137553

Ion Ratio Lower Upper

101 100

85 45.6 36.0 54.0

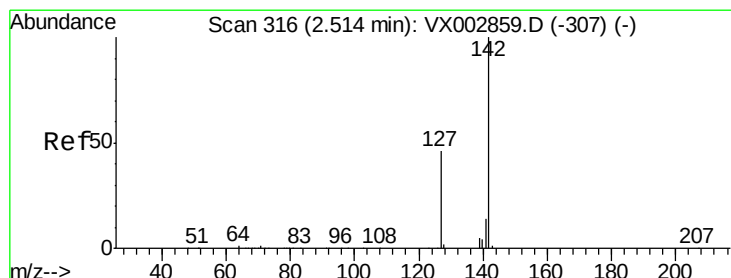
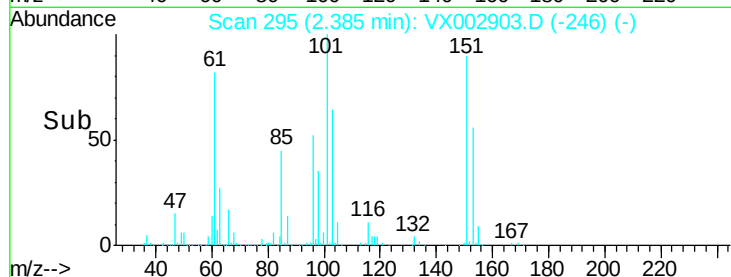
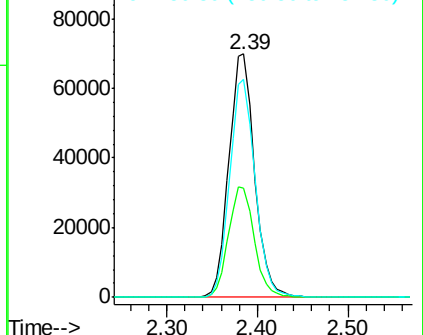
151 88.9 70.9 106.3



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: 39.16 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

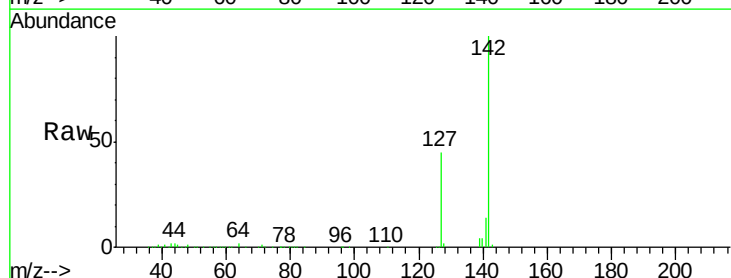
Tgt Ion:142 Resp: 113080

Ion Ratio Lower Upper

142 100

127 45.7 36.6 55.0

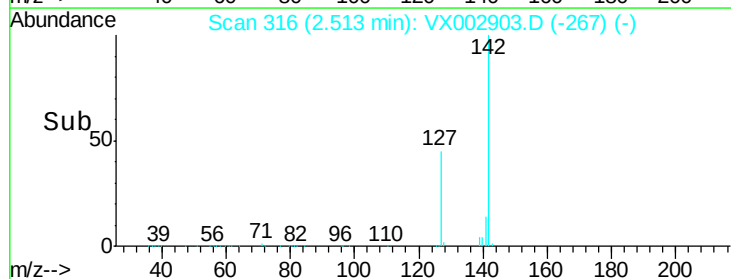
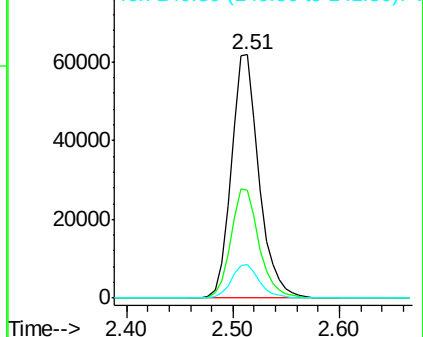
141 14.0 11.3 16.9

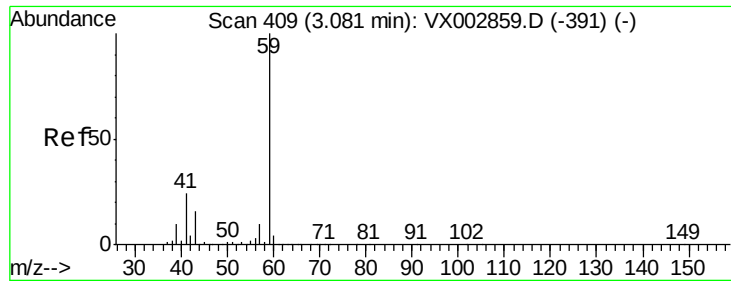


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

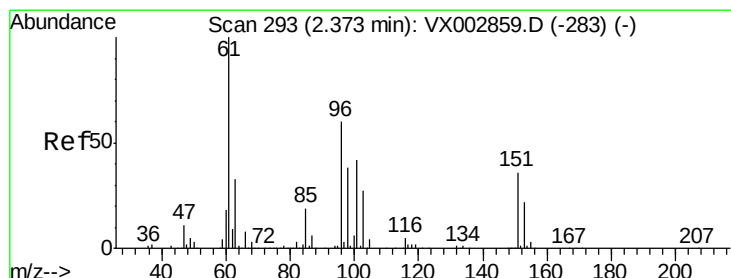
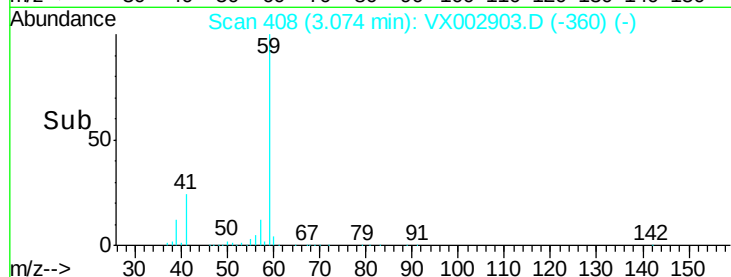
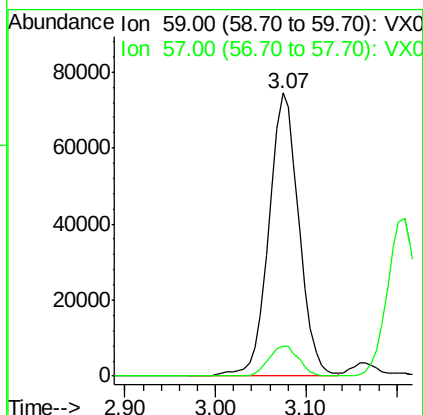
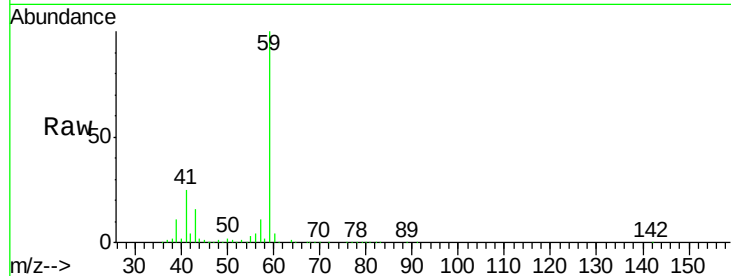




#11
Tert butyl alcohol
Concen: 231.56 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

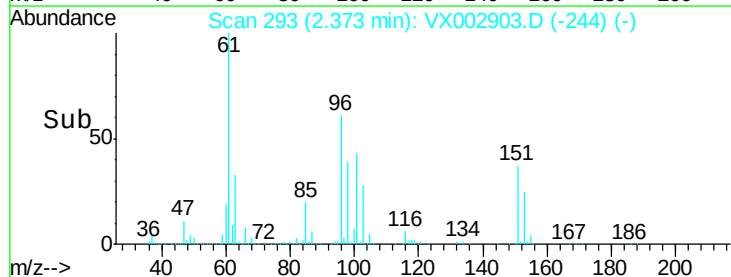
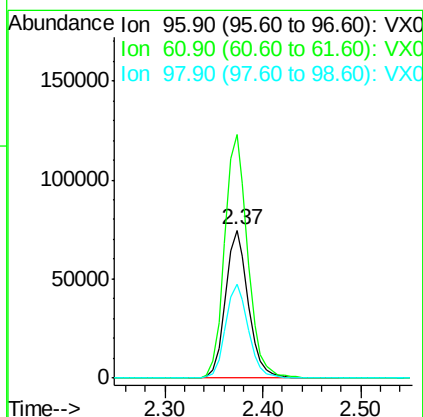
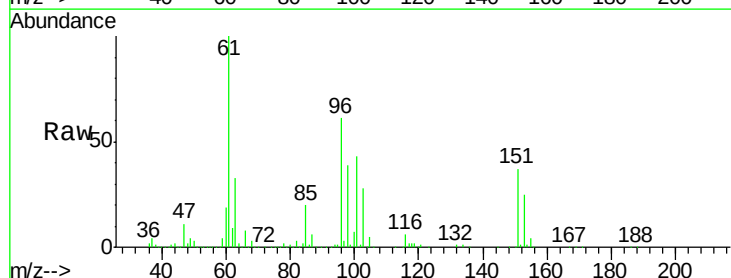
Instrument :
MSVOA_X
ClientSampled :

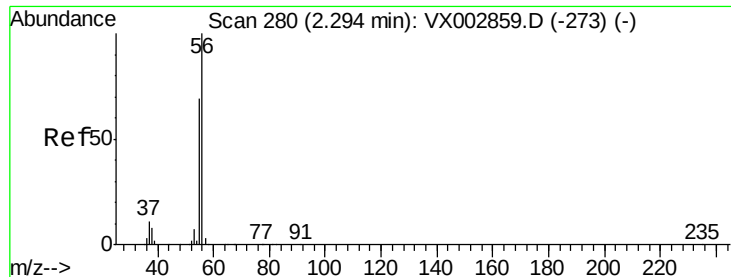
Tot Ion: 59 Resp: 170986
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.71 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion: 96 Resp: 120901
Ion Ratio Lower Upper
96 100
61 164.2 137.9 206.9
98 63.4 51.6 77.4





#13

Acrolein

Concen: 233.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

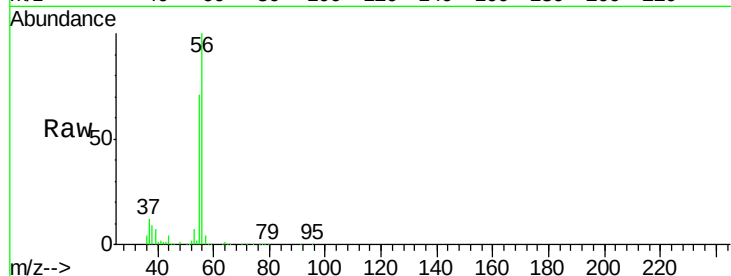
ClientSampleId :

Tot Ion: 56 Resp: 95265

Ion Ratio Lower Upper

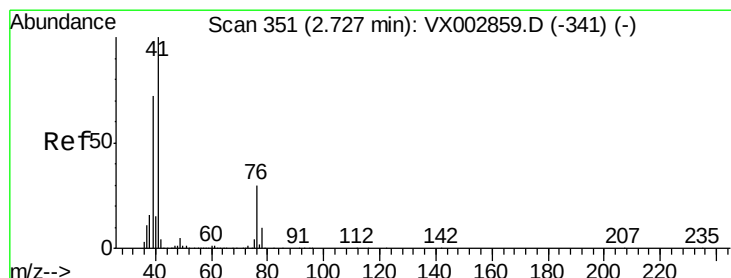
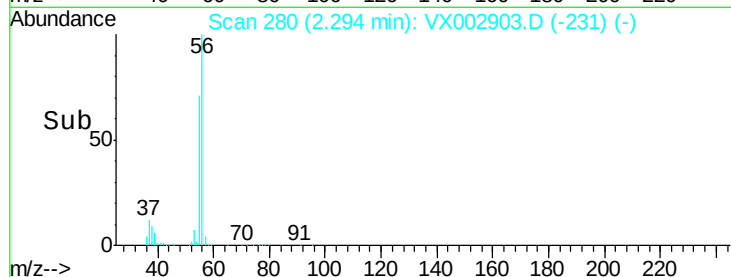
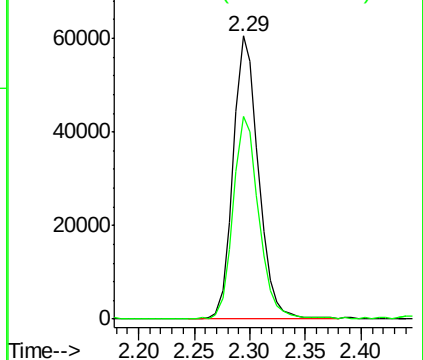
56 100

55 72.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.86 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

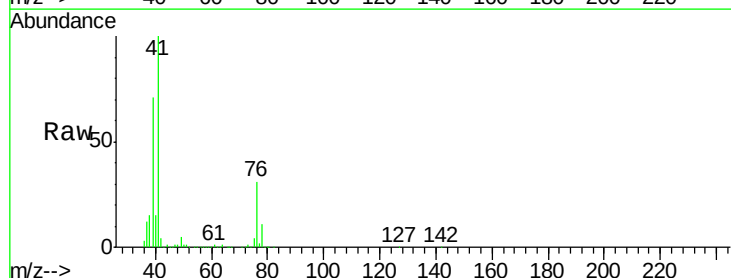
Tgt Ion: 41 Resp: 244281

Ion Ratio Lower Upper

41 100

39 69.1 56.8 85.2

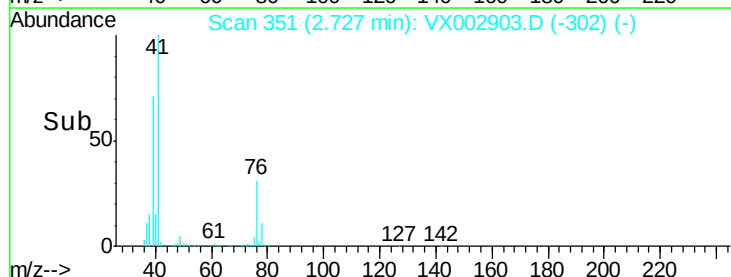
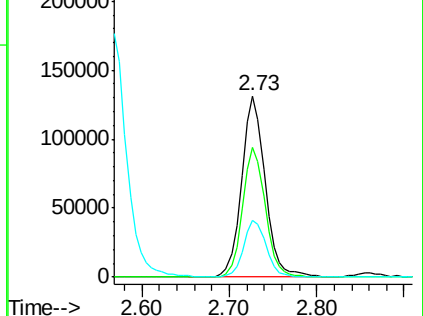
76 30.3 23.8 35.8

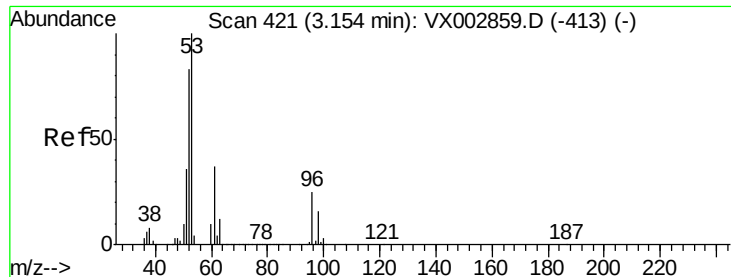


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 236.24 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

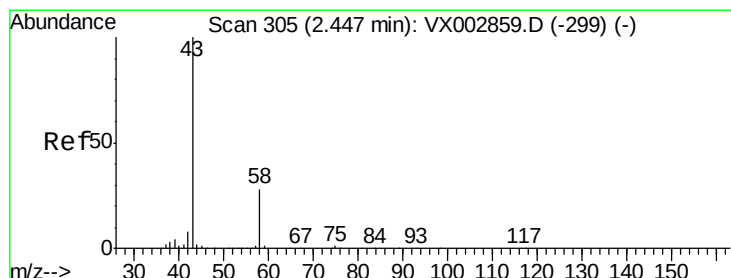
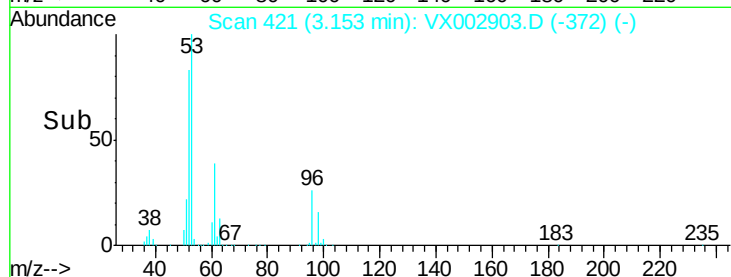
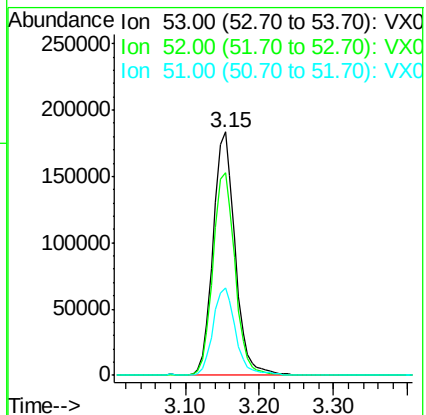
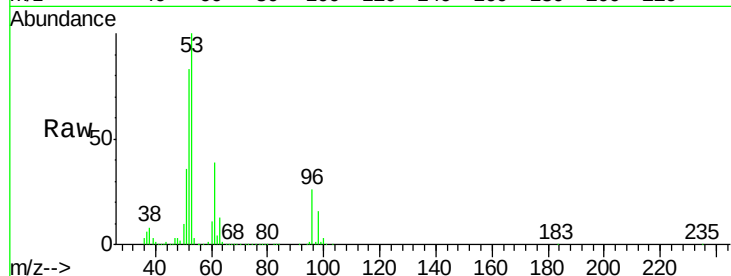
Tot Ion: 53 Resp: 372587

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

51 36.8 29.9 44.9



#16

Acetone

Concen: 226.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002903.D

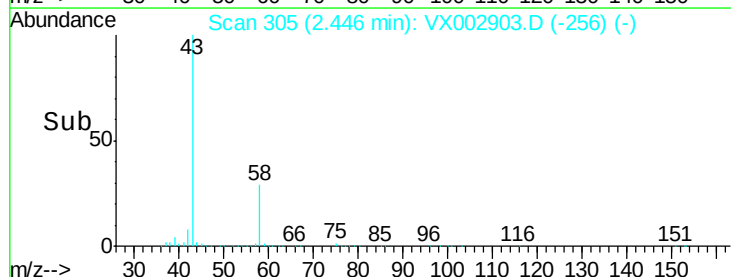
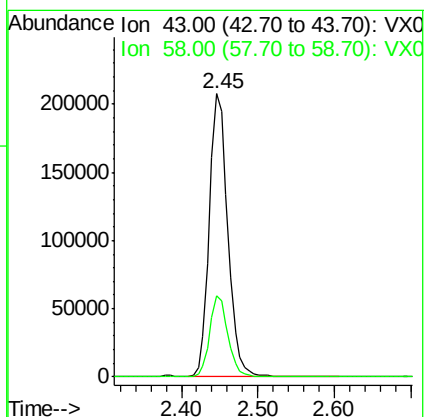
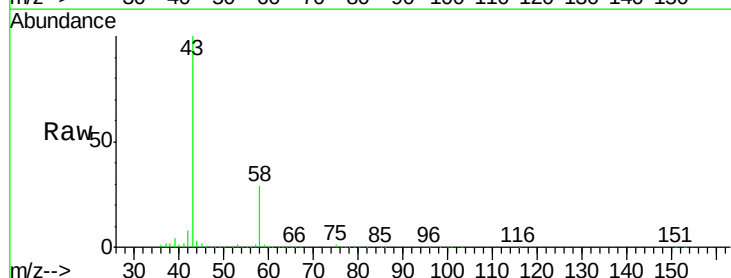
Acq: 26 Jun 2018 19:18

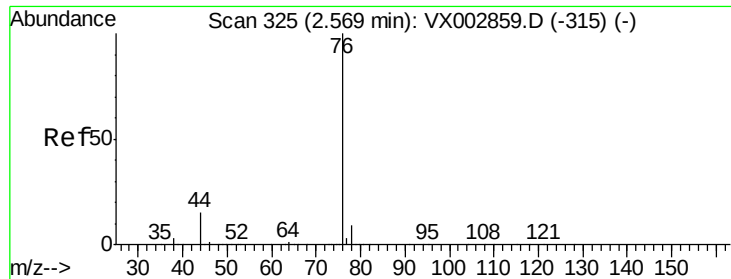
Tgt Ion: 43 Resp: 348159

Ion Ratio Lower Upper

43 100

58 28.5 22.1 33.1

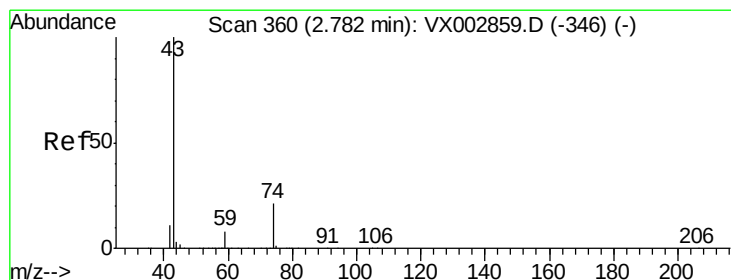
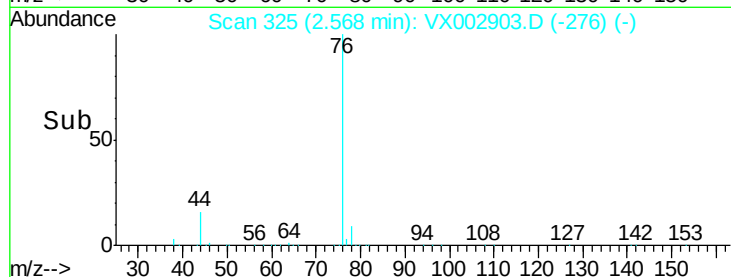
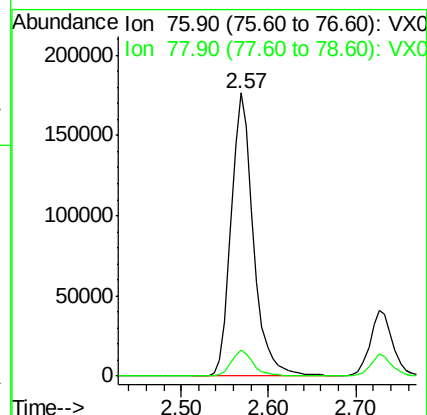
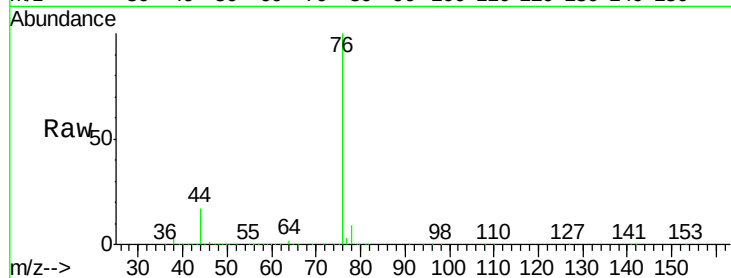




#17
Carbon Disulfide
Concen: 44.37 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

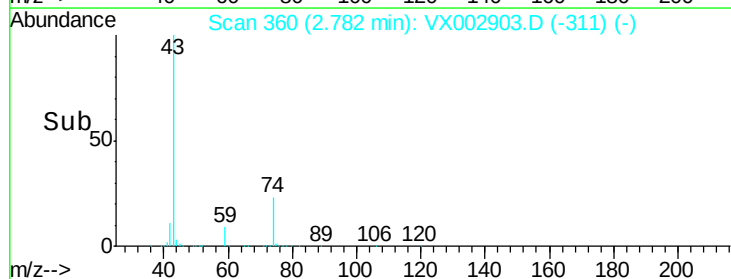
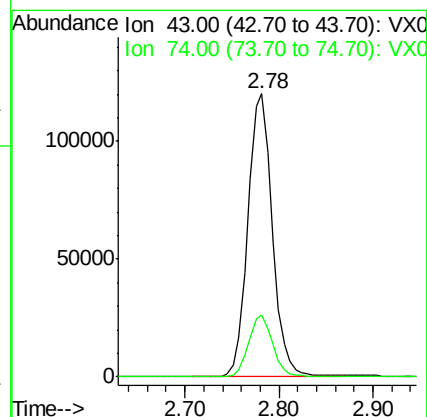
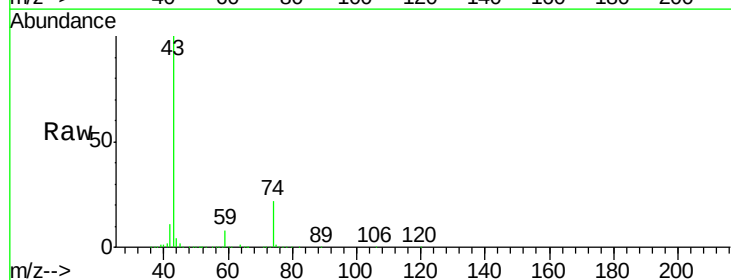
Instrument :
MSVOA_X
ClientSampled :

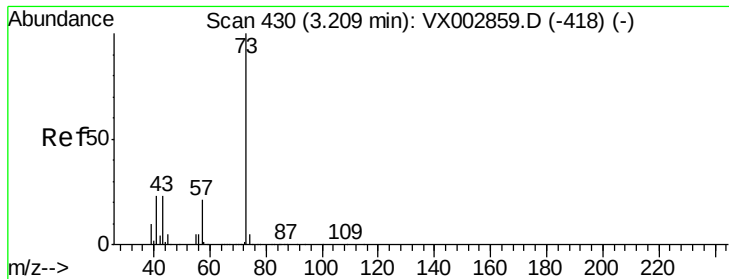
Tot Ion: 76 Resp: 312692
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 50.72 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion: 43 Resp: 217669
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

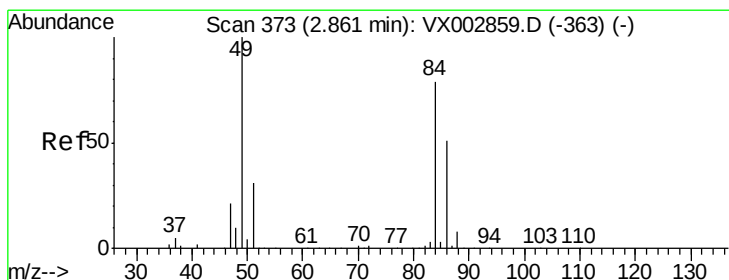
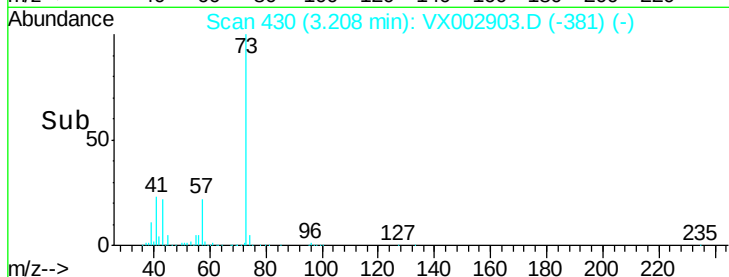
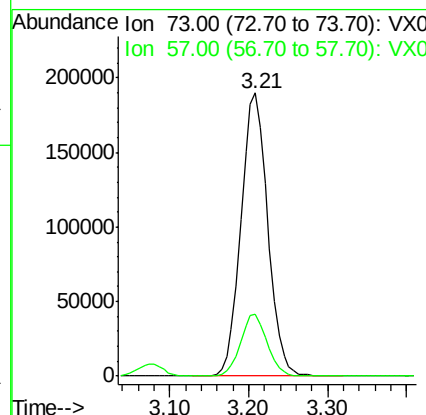
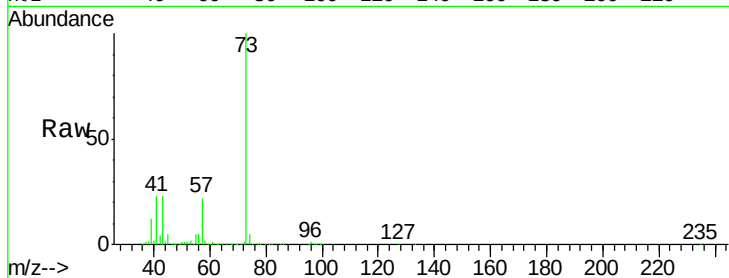




#19
Methyl tert-butyl Ether
Concen: 47.13 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

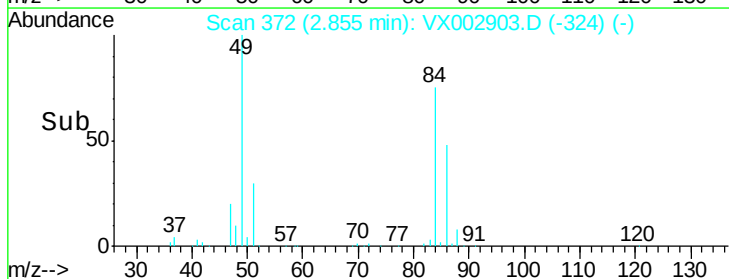
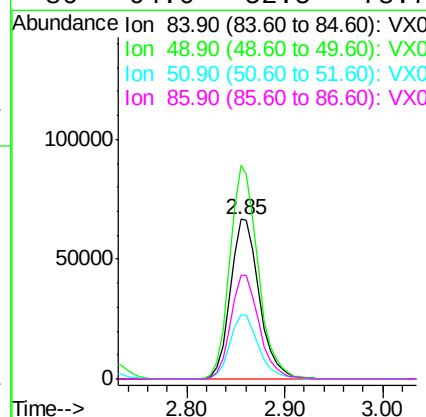
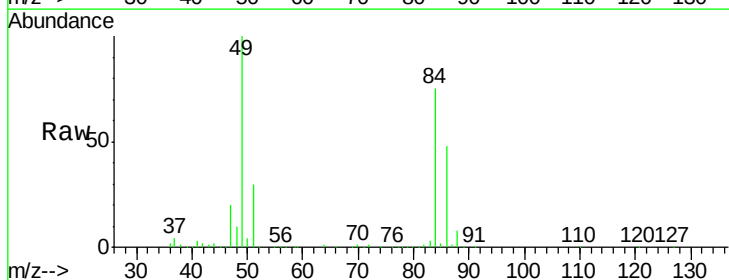
Instrument :
MSVOA_X
ClientSampleId :

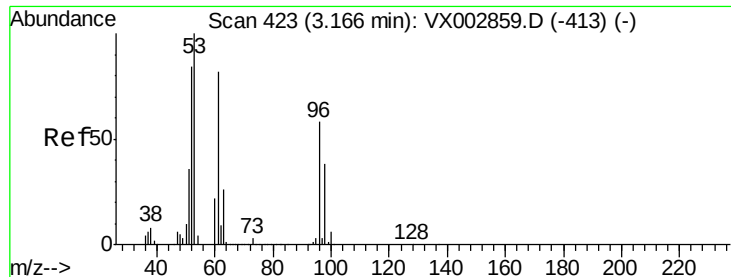
Tot Ion: 73 Resp: 448080
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 45.65 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion: 84 Resp: 136361
Ion Ratio Lower Upper
84 100
49 133.5 107.8 161.6
51 40.1 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :

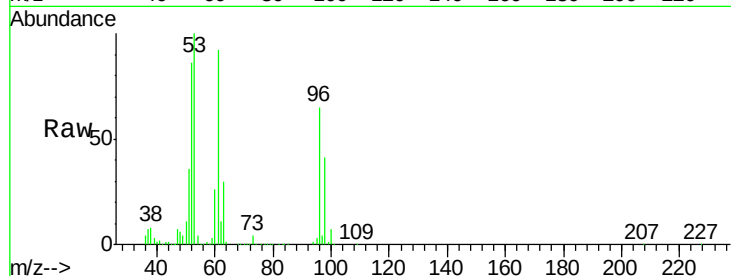
Tot Ion: 96 Resp: 131533

Ion Ratio Lower Upper

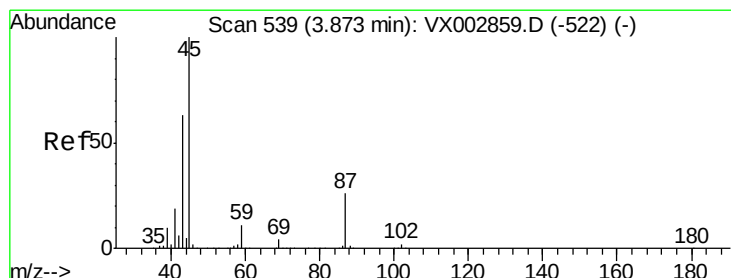
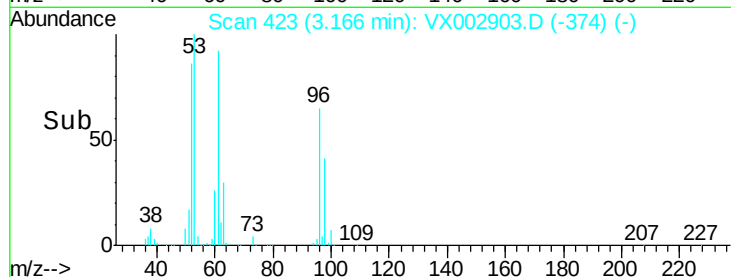
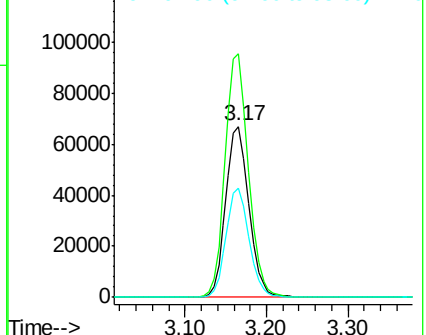
96 100

61 142.0 117.0 175.4

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: 47.49 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion: 45 Resp: 473256

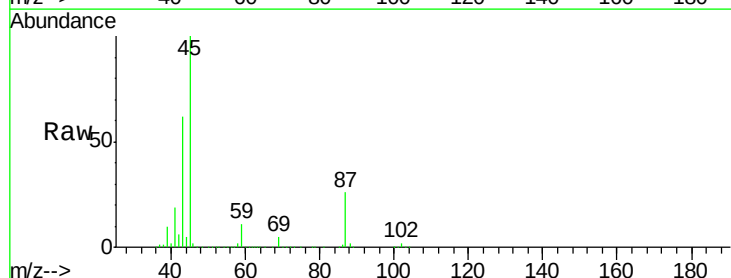
Ion Ratio Lower Upper

45 100

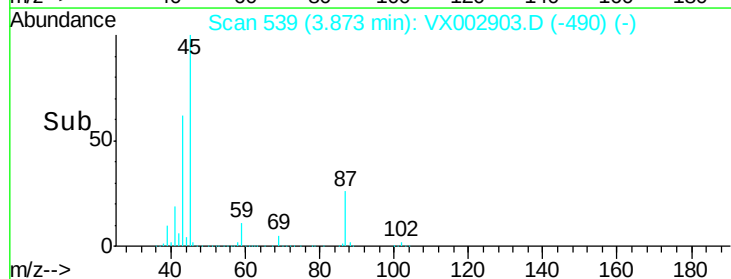
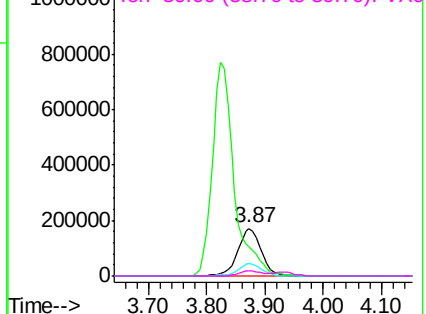
43 61.8 46.8 70.2

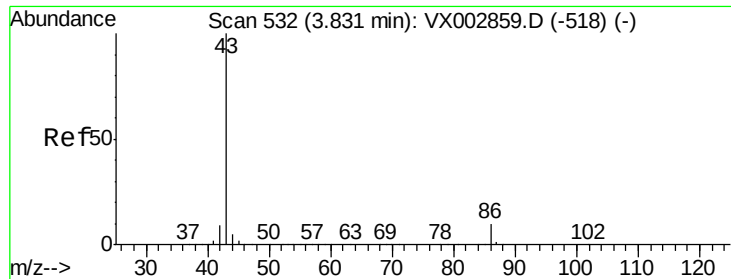
87 25.8 20.2 30.4

59 10.9 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: 237.60 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

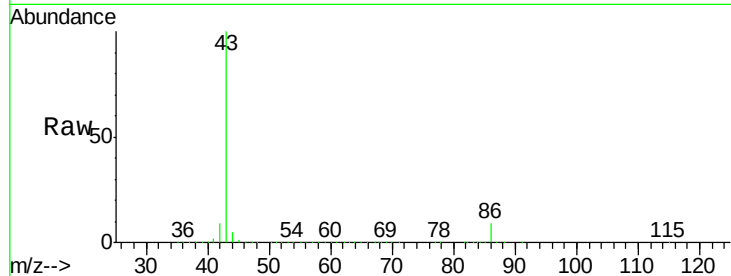
ClientSampleId :

Tot Ion: 43 Resp: 2005005

Ion Ratio Lower Upper

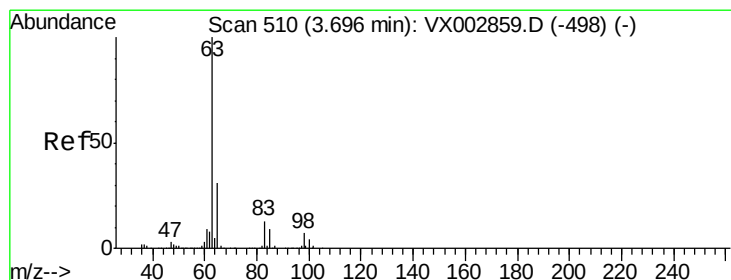
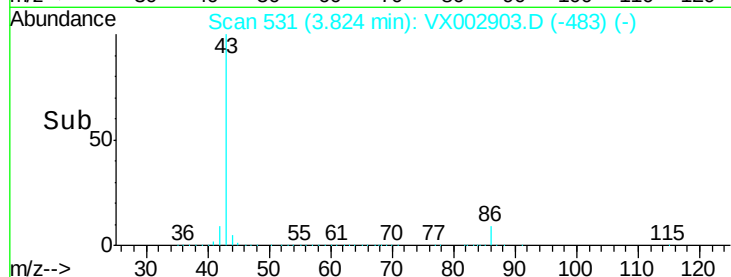
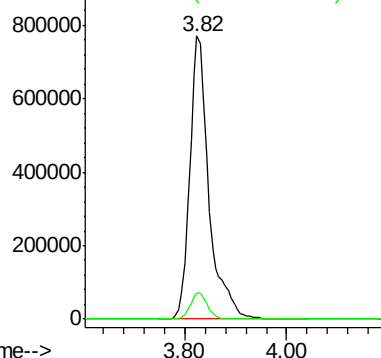
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.54 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

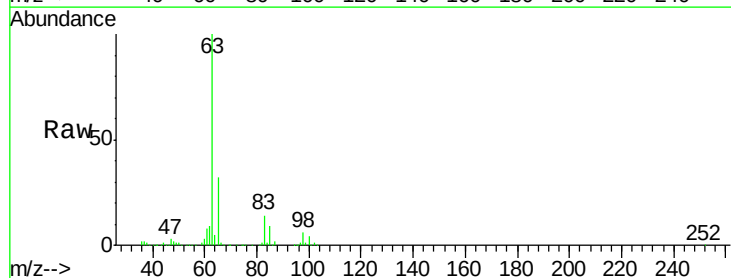
Tgt Ion: 63 Resp: 257477

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

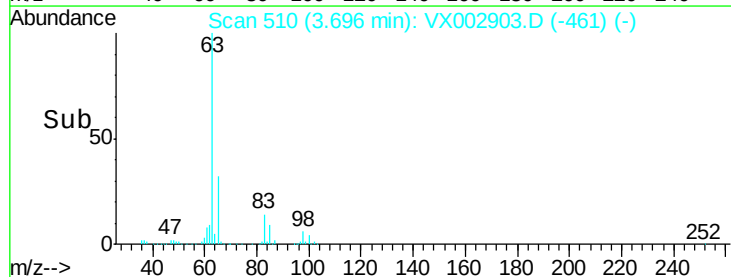
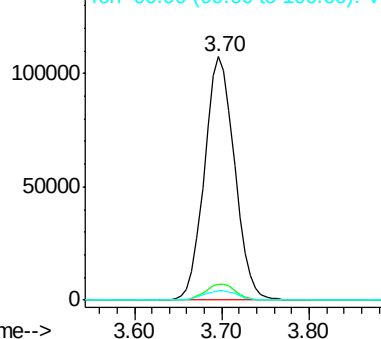
100 3.9 2.0 6.0

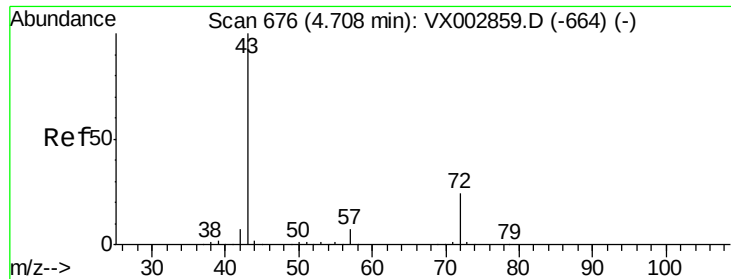


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.06 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

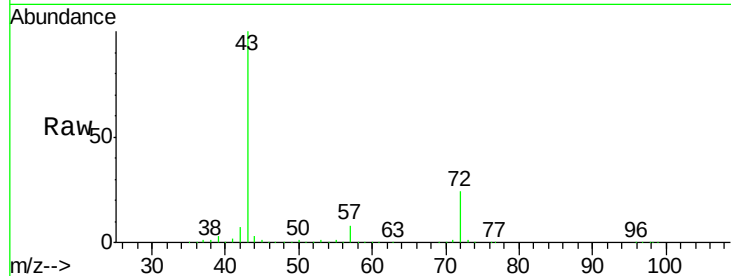
ClientSampleId :

Tot Ion: 43 Resp: 533230

Ion Ratio Lower Upper

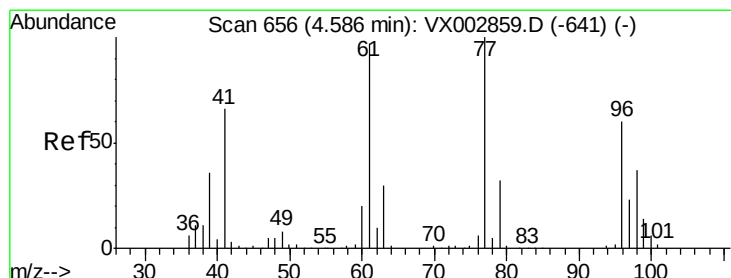
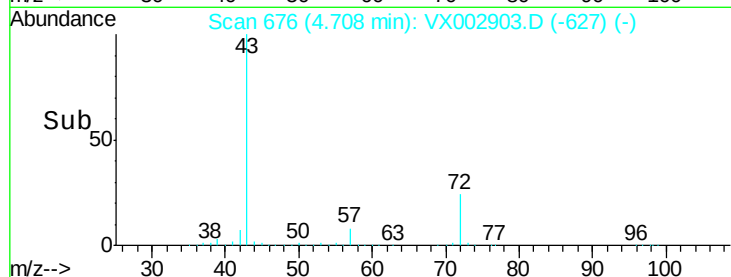
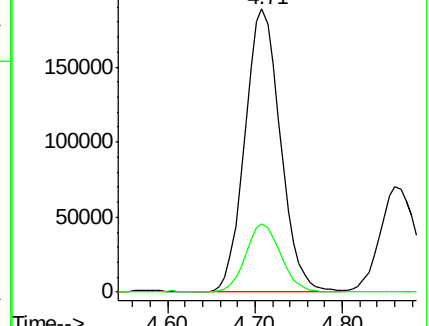
43 100

72 23.8 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: 43.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002903.D

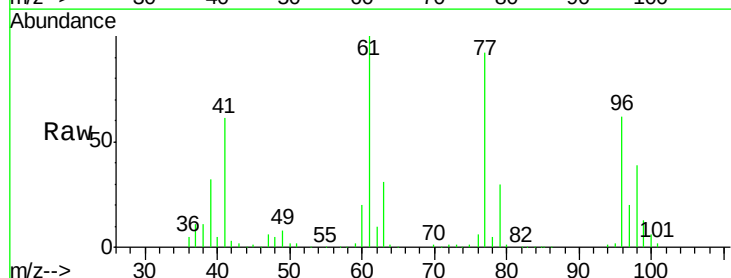
Acq: 26 Jun 2018 19:18

Tgt Ion: 77 Resp: 190025

Ion Ratio Lower Upper

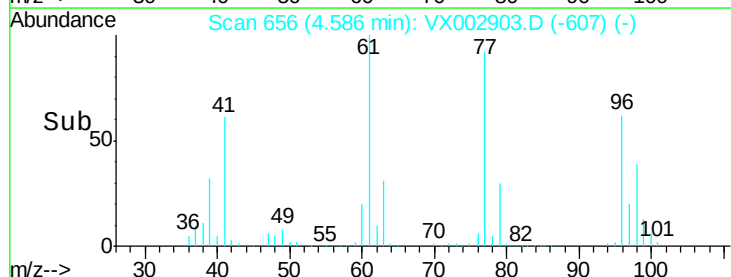
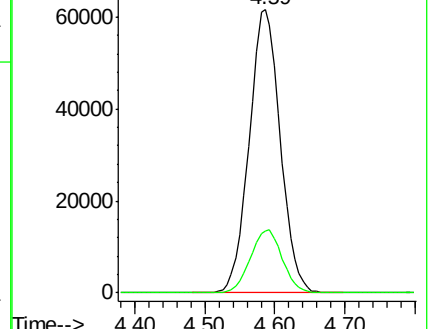
77 100

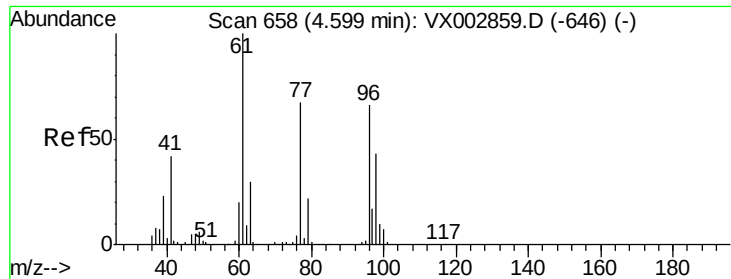
97 22.8 11.2 33.5



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: 46.18 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

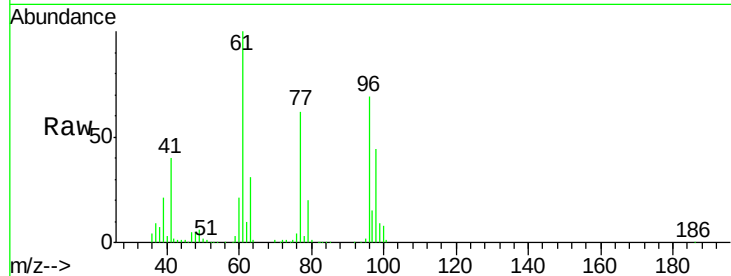
Tot Ion: 96 Resp: 149141

Ion Ratio Lower Upper

96 100

61 155.1 0.0 330.2

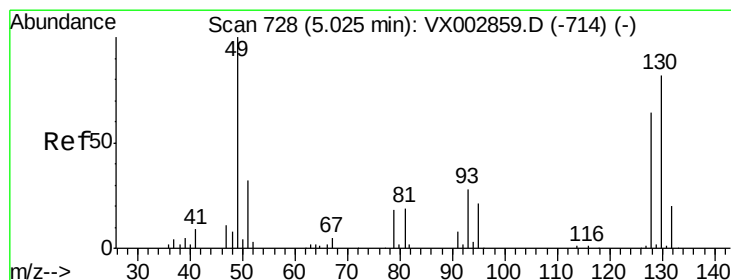
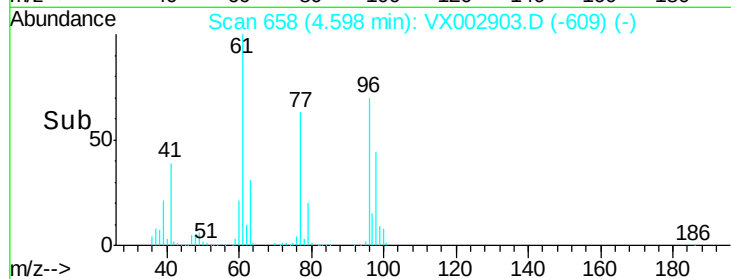
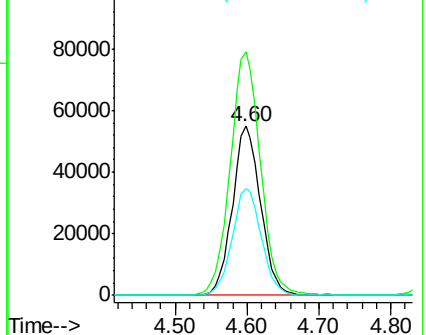
98 65.0 0.0 130.2



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: 48.86 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

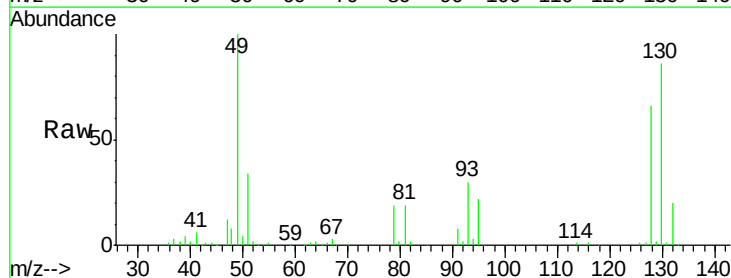
Tgt Ion: 49 Resp: 126680

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

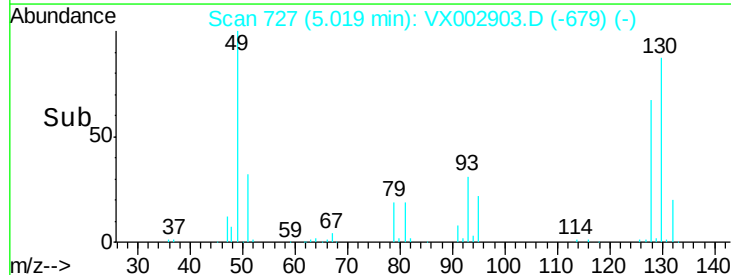
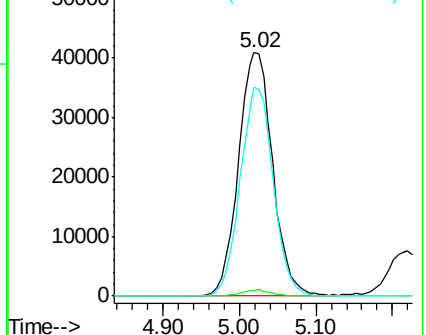
130 83.2 61.2 91.8

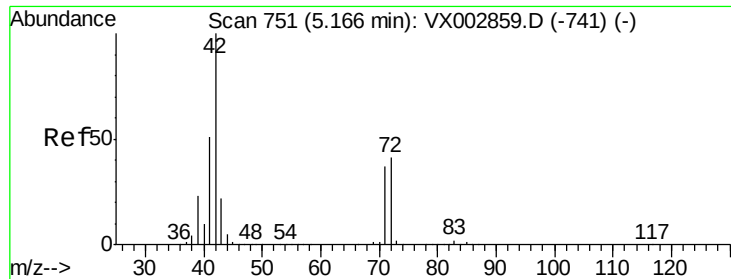


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

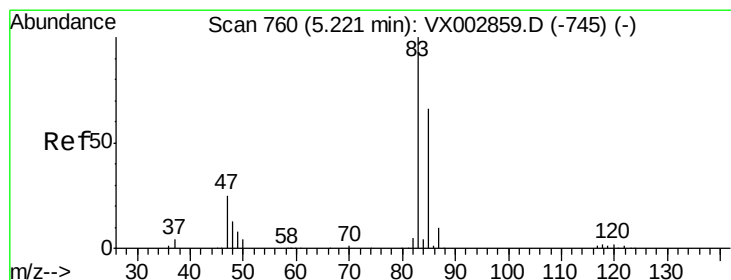
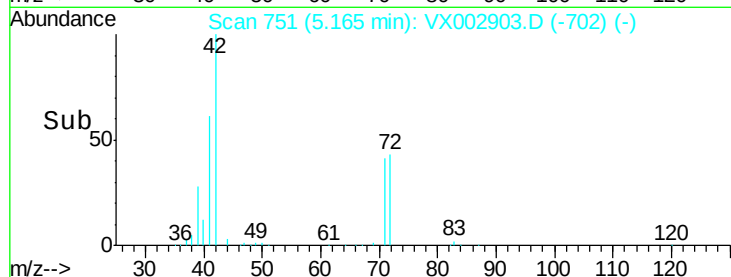
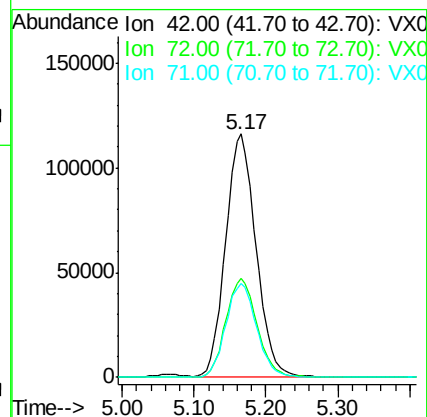
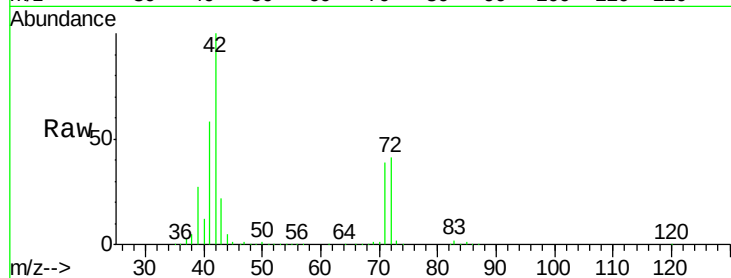




#29
Tetrahydrofuran
Concen: 232.98 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

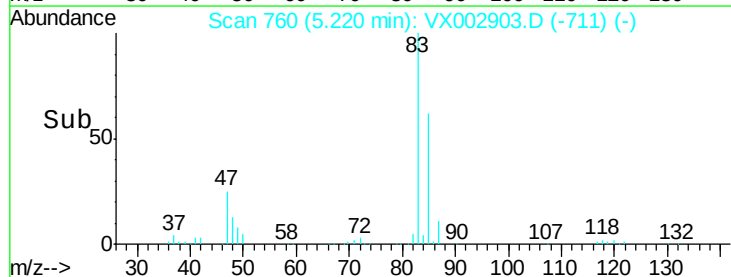
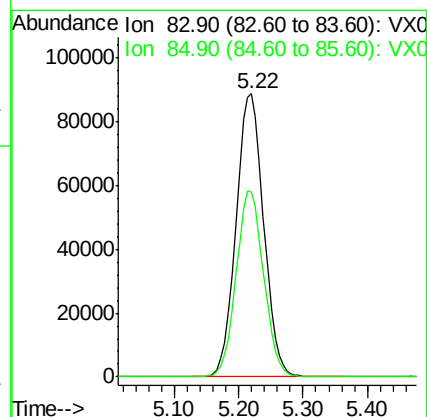
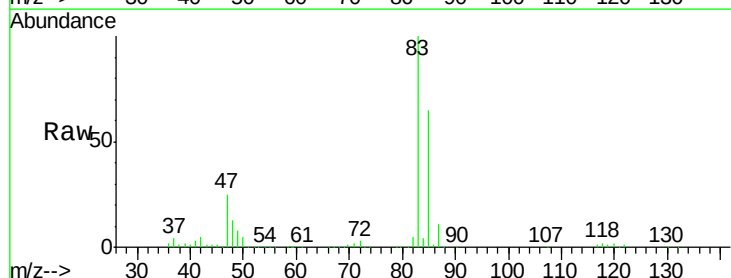
Instrument :
MSVOA_X
ClientSampled :

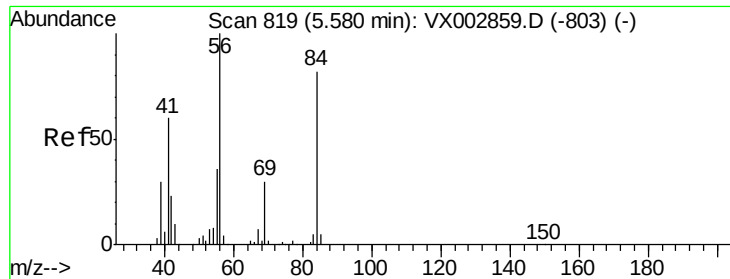
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	39.2	30.1	45.1



#30
Chloroform
Concen: 47.59 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.4	75.6

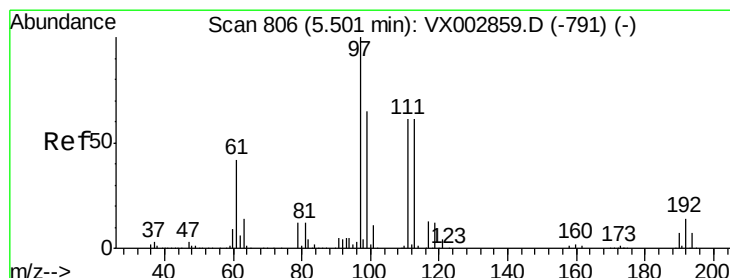
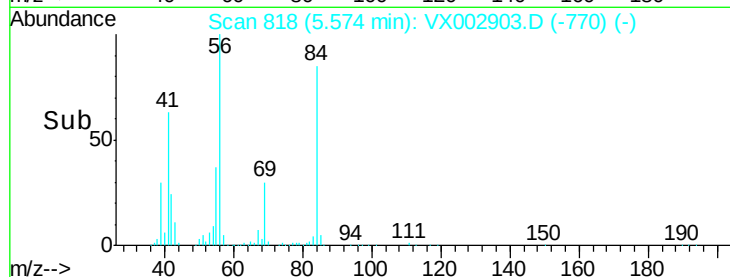
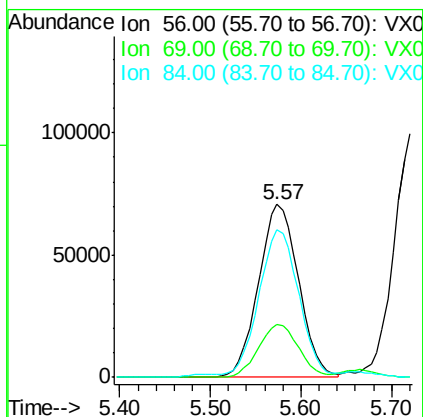
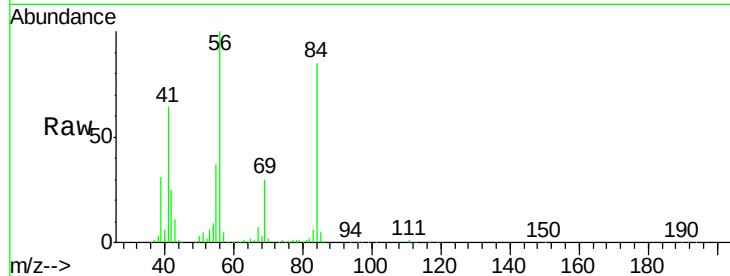




#31
Cyclohexane
Concen: 46.70 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

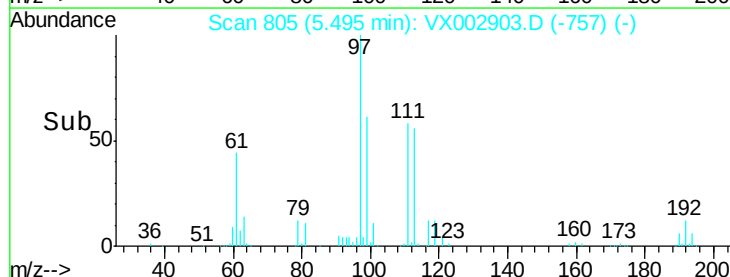
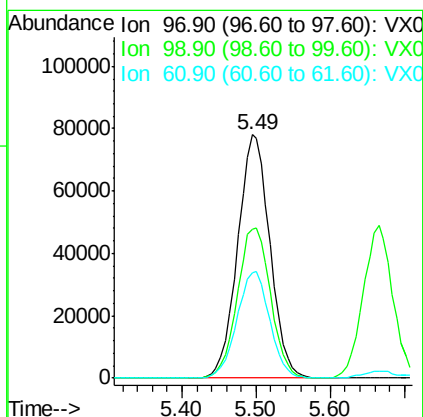
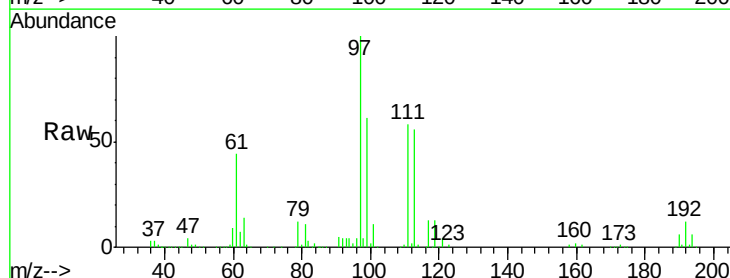
Instrument :
MSVOA_X
ClientSampled :

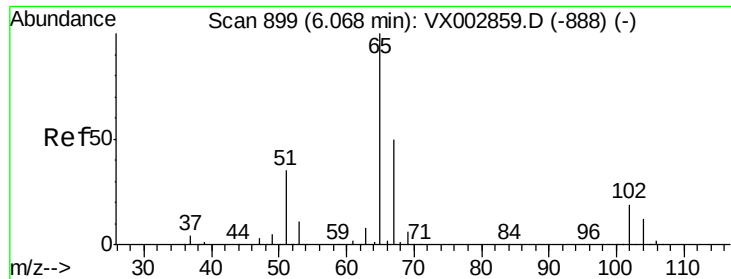
Tot Ion: 56 Resp: 217085
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 83.8 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 48.39 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion: 97 Resp: 236669
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 44.7 36.4 54.6

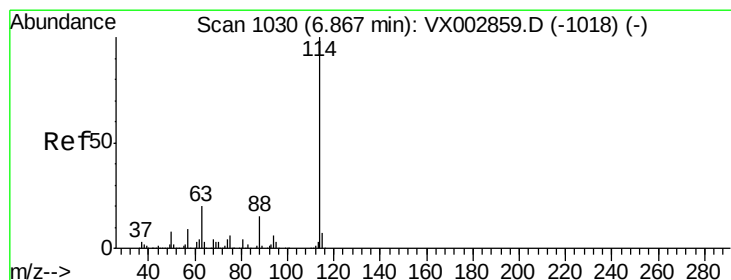
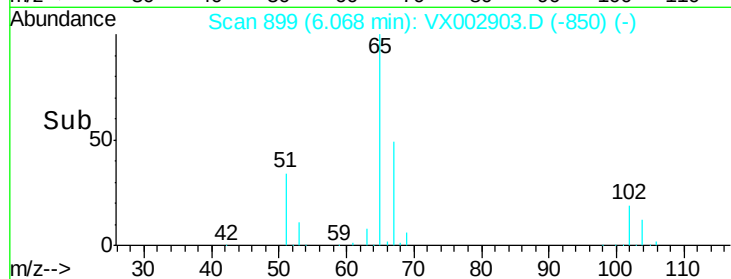
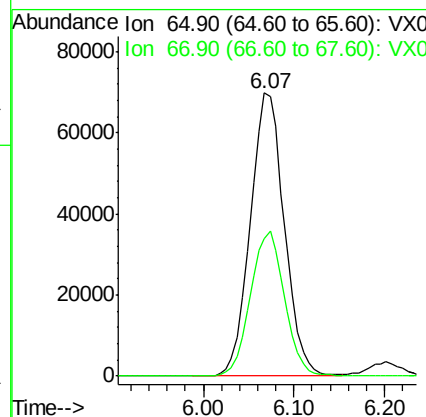
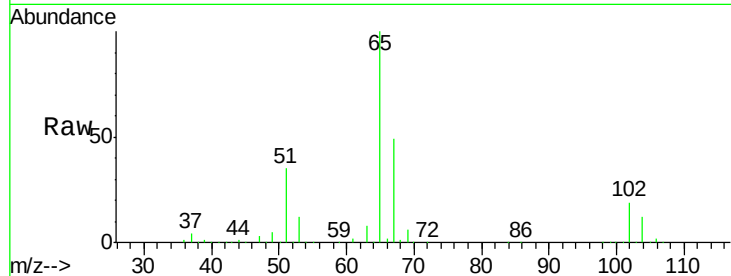




#33
 1,2-Dichloroethane-d4
 Concen: 48.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

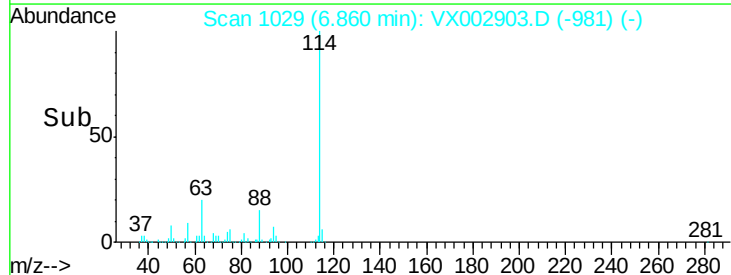
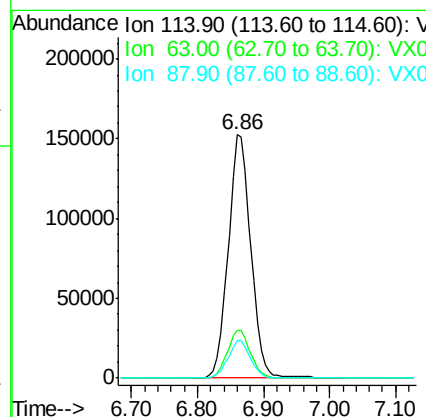
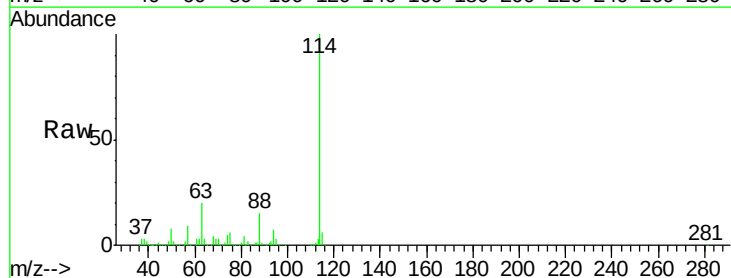
Instrument :
 MSVOA_X
 ClientSampleId :

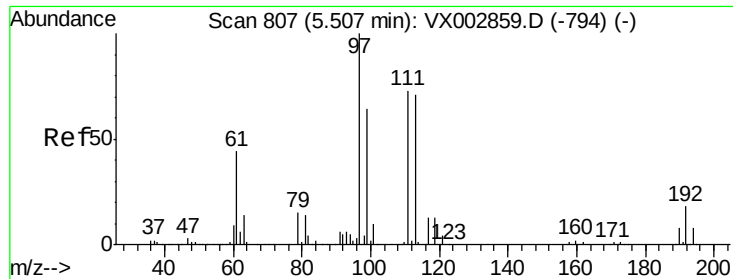
Tot Ion: 65 Resp: 181022
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 114 Resp: 361138
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.5 0.0 30.0

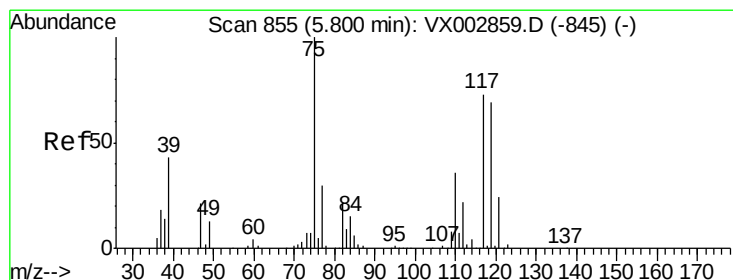
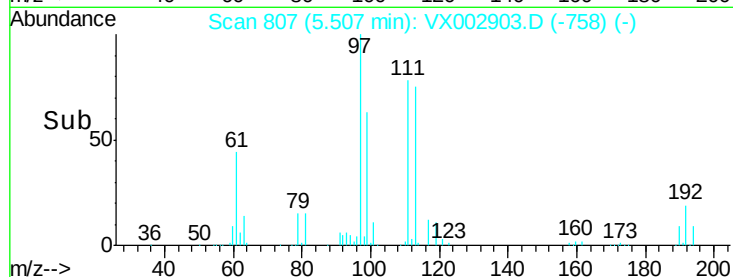
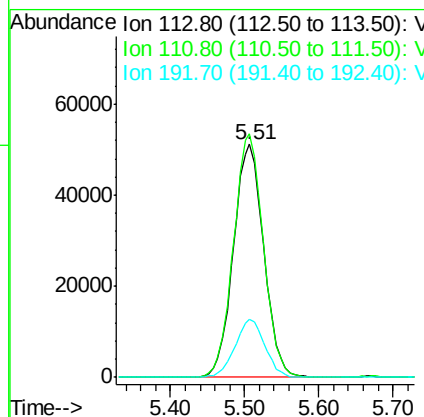
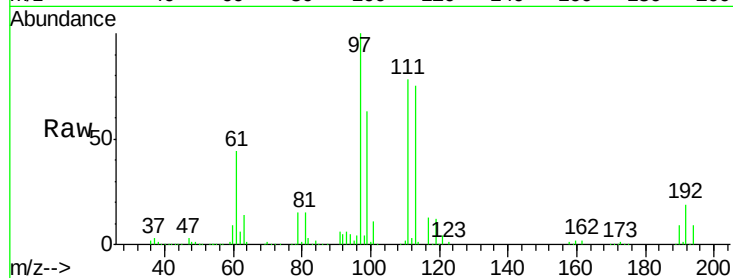




#35
 Dibromofluoromethane
 Concen: 50.98 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

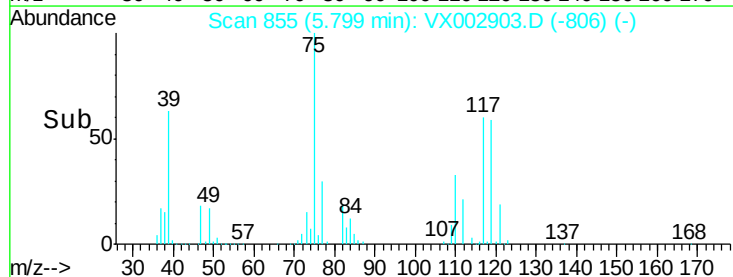
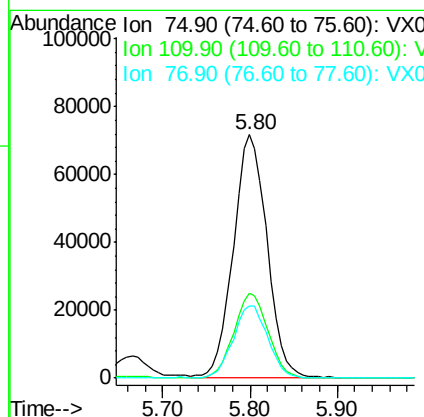
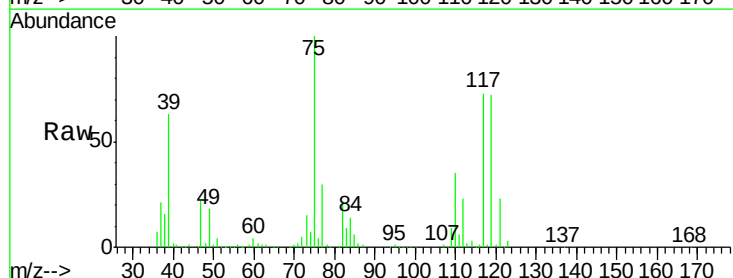
Instrument :
 MSVOA_X
 ClientSampleId :

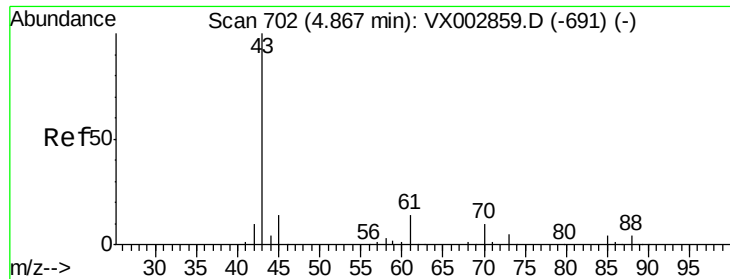
Tot Ion:113 Resp: 145794
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 24.5 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 48.12 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 75 Resp: 190567
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.4
 77 30.6 24.3 36.5

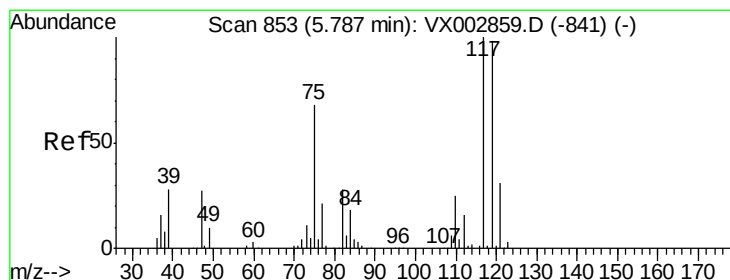
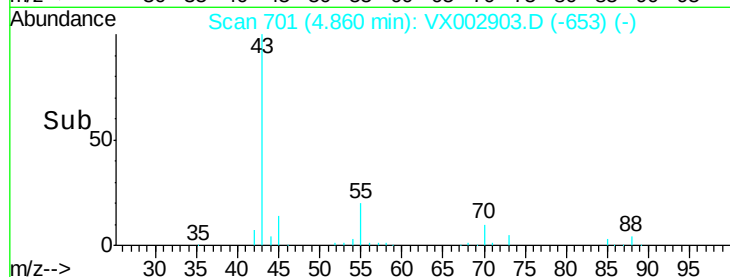
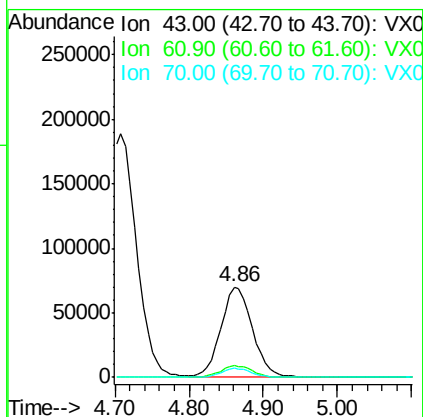
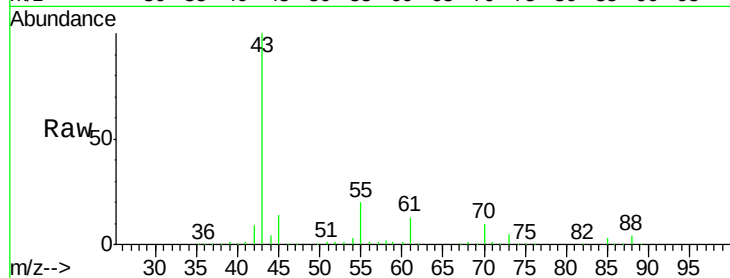




#37
Ethyl Acetate
Concen: 48.36 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

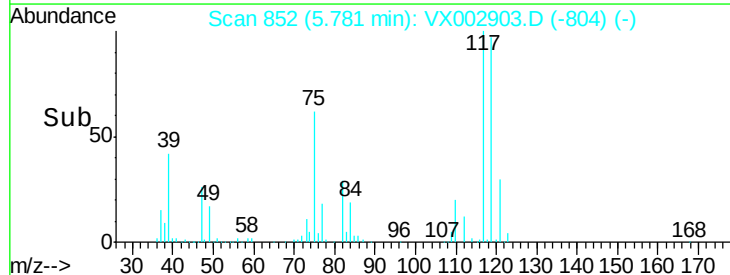
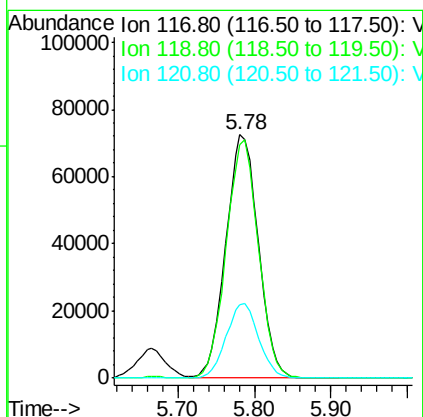
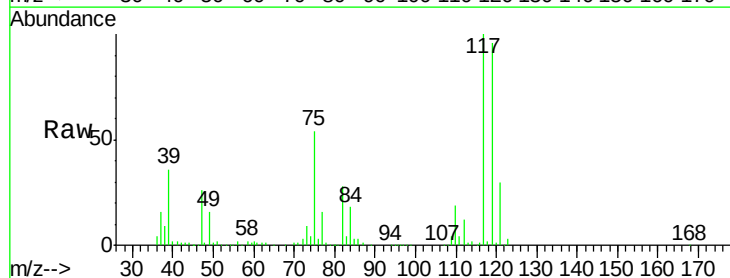
Instrument :
MSVOA_X
ClientSampled :

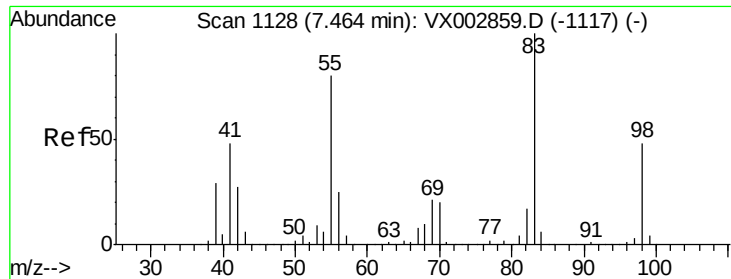
Tot Ion: 43 Resp: 206195
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.07 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion: 117 Resp: 213263
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 30.2 24.4 36.6

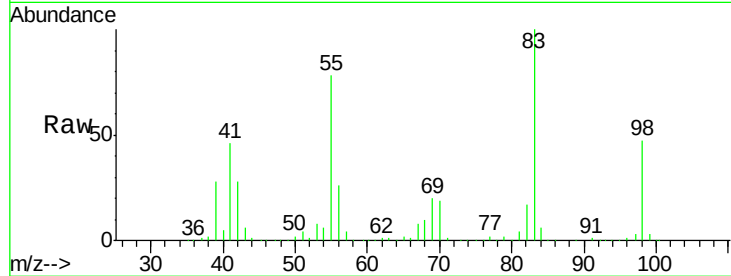




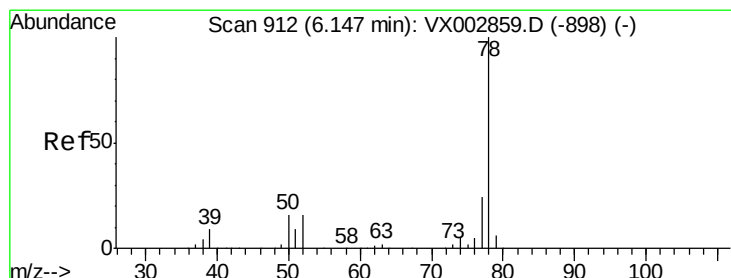
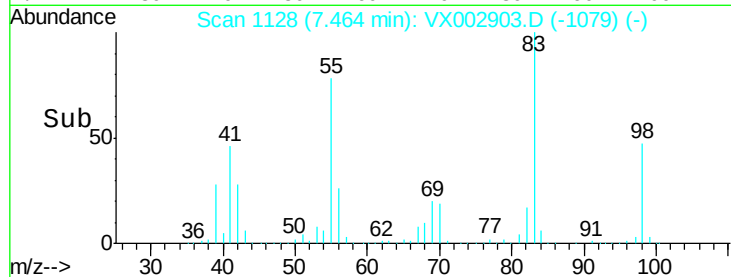
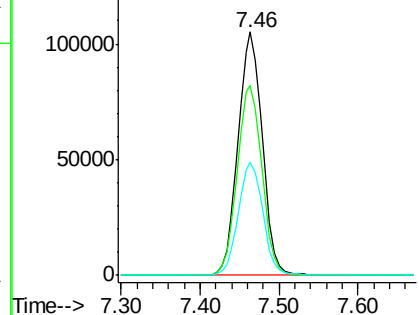
#39
Methylvlcyclohexane
Concen: 48.92 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83	Resp	225691
Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.4	98.0
98	46.5	37.4	56.0

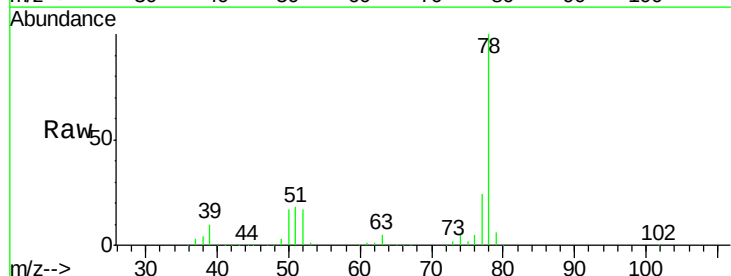


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

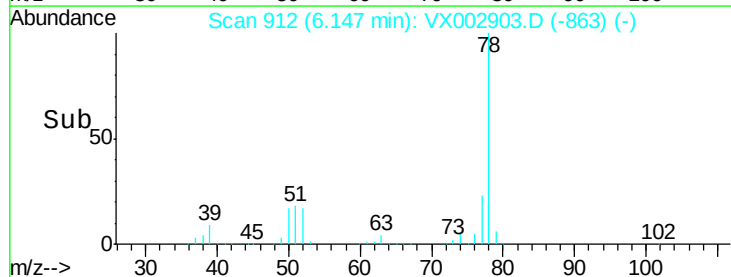
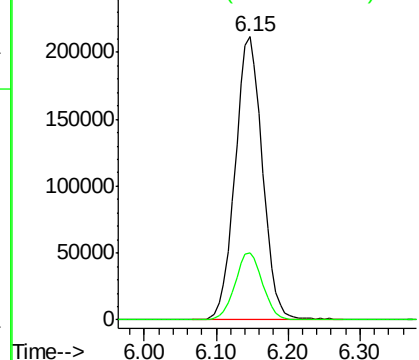


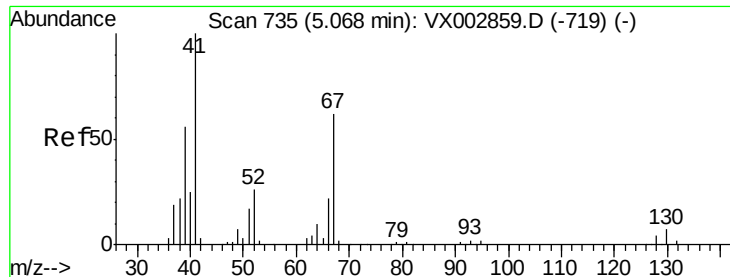
#40
Benzene
Concen: 48.41 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	78	Resp	557076
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

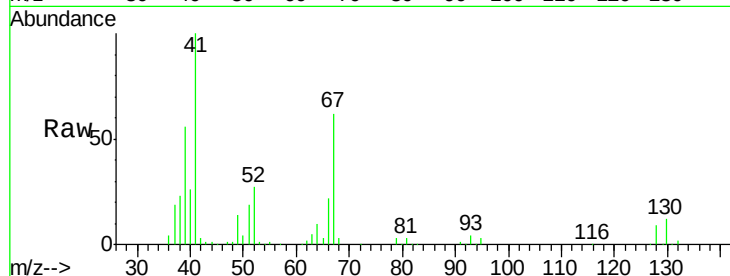




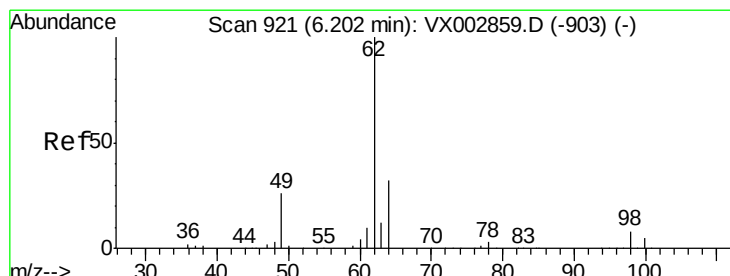
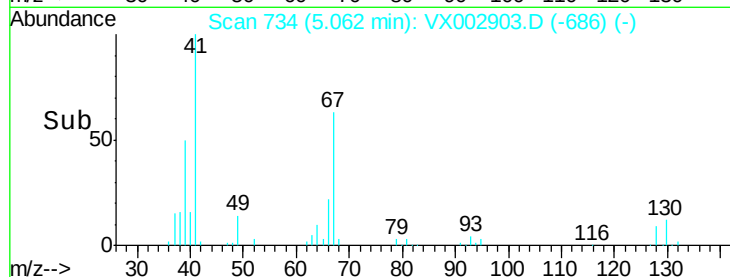
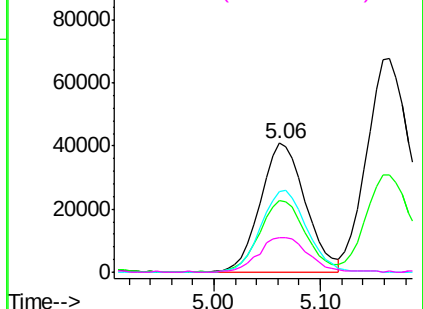
#41
Methacrylonitrile
Concen: 49.15 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	120690
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	64.9	51.3	76.9
52	28.9	23.0	34.6

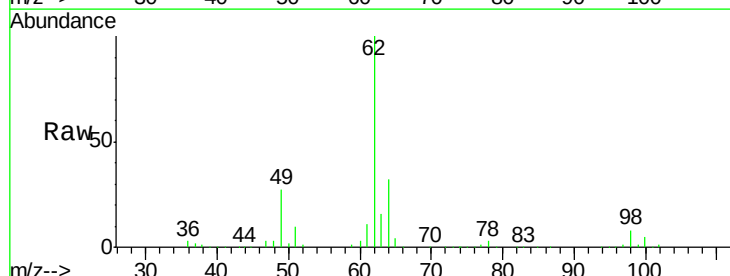


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

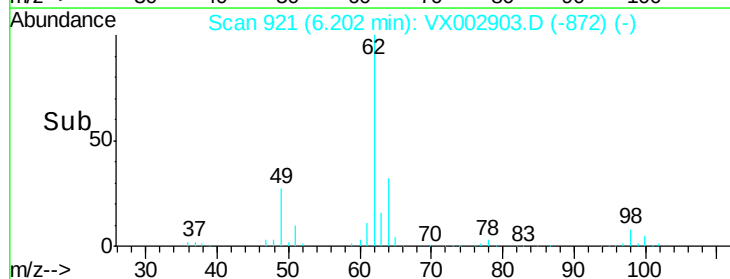
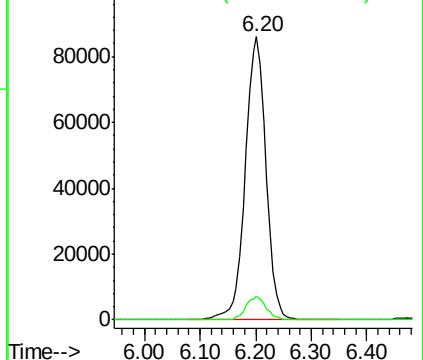


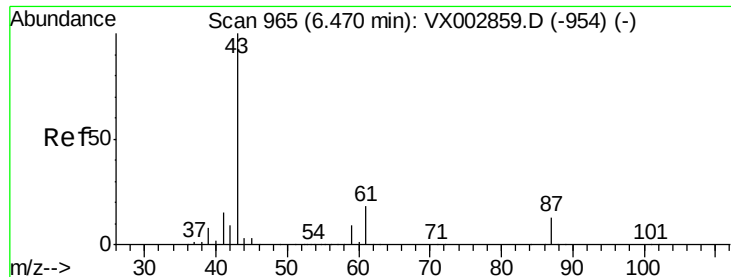
#42
1,2-Dichloroethane
Concen: 47.84 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion:	62	Resp:	222377
Ion	Ratio	Lower	Upper
62	100		
98	8.1	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: 47.55 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

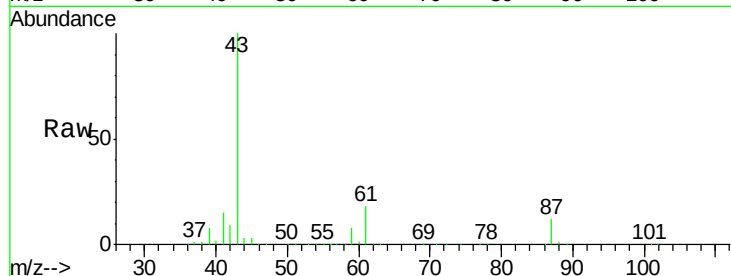
Tot Ion: 43 Resp: 340042

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

87 12.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX002859.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX002859.D (-954) (-)

6.47

150000

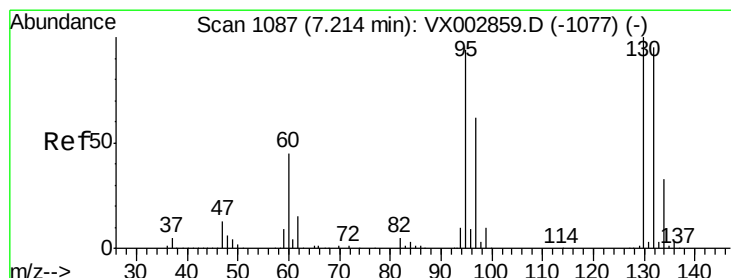
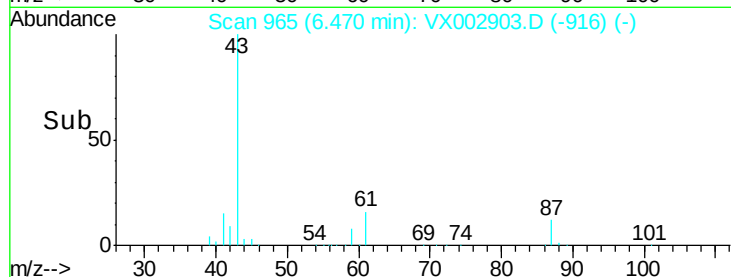
100000

50000

0

6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 47.76 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002903.D

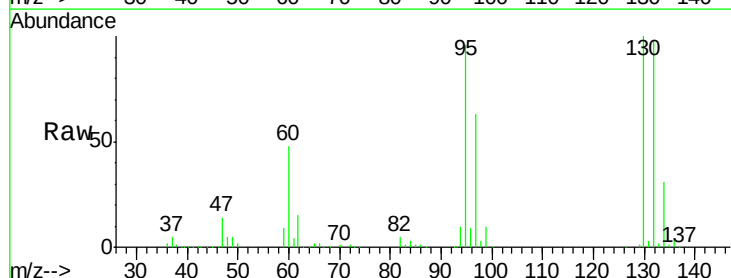
Acq: 26 Jun 2018 19:18

Tgt Ion:130 Resp: 163867

Ion Ratio Lower Upper

130 100

95 96.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002859.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002859.D (-1077) (-)

7.21

80000

60000

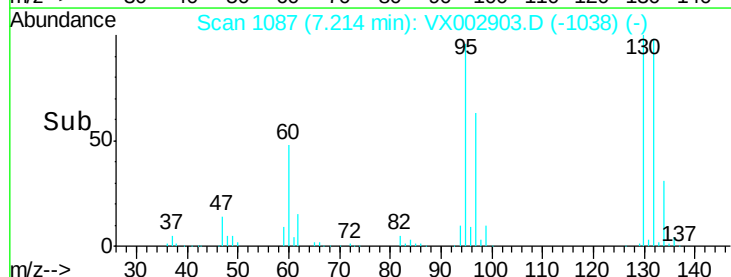
40000

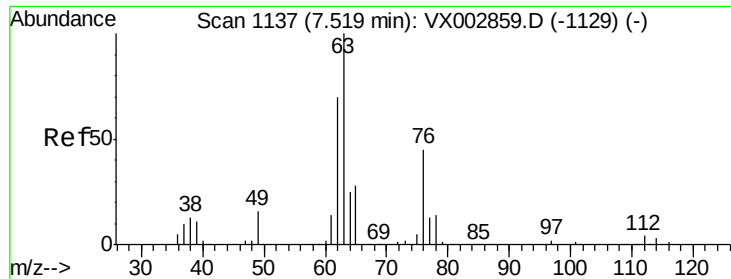
20000

0

7.10 7.20 7.30

Time-->

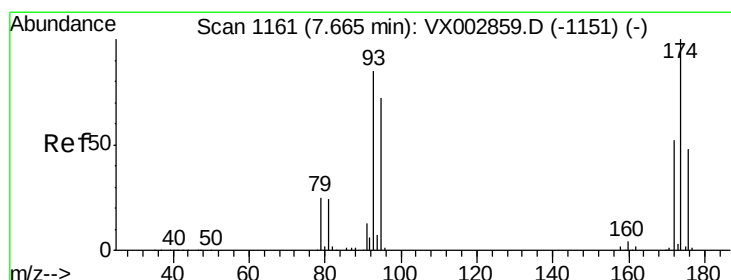
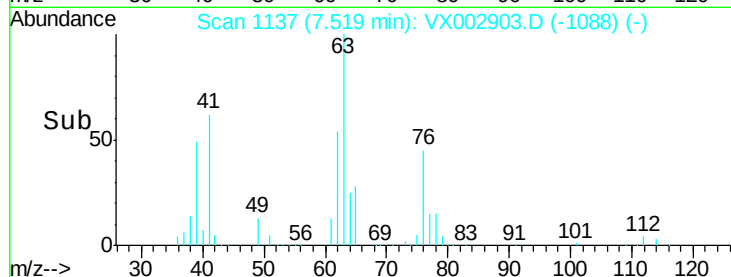
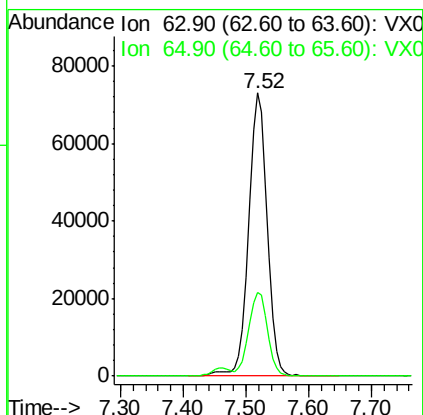
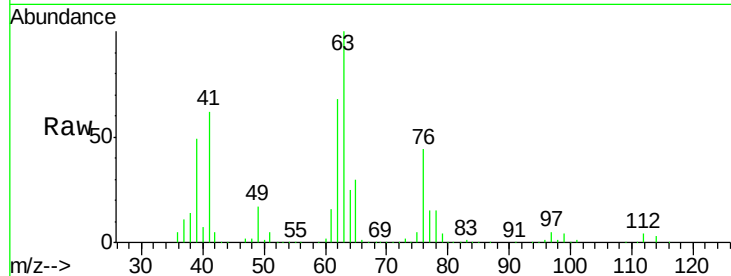




#45
 1,2-Dichloropropane
 Concen: 49.00 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

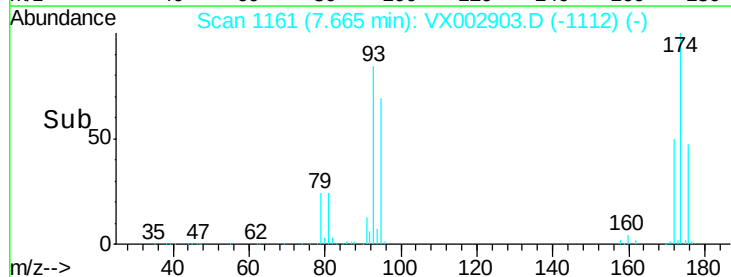
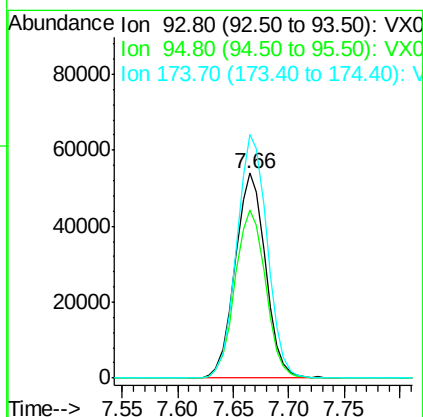
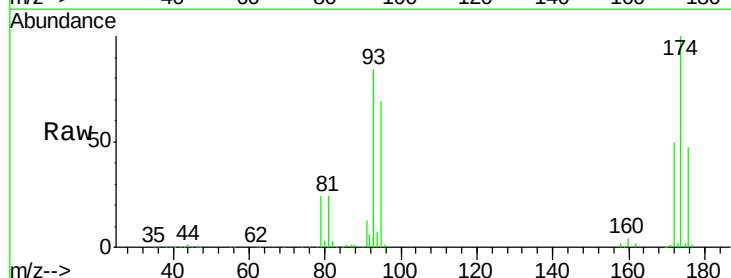
Instrument :
 MSVOA_X
 ClientSampleId :

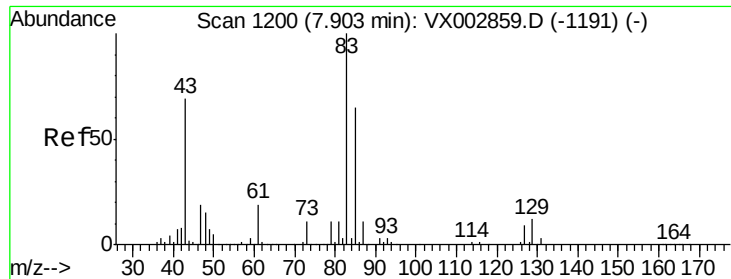
Tot Ion: 63 Resp: 149557
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1



#46
 Dibromomethane
 Concen: 48.08 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 93 Resp: 101847
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 119.6 92.4 138.6





#47

Bromodichloromethane

Concen: 50.73 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampled :

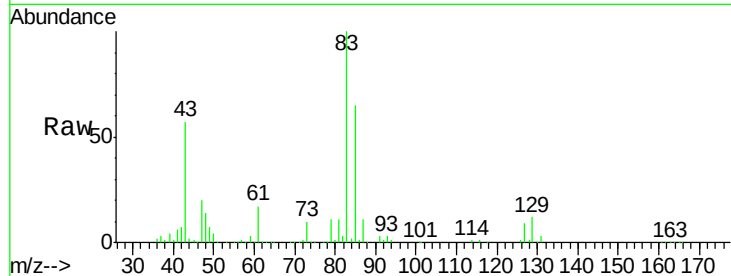
Tot Ion: 83 Resp: 198671

Ion Ratio Lower Upper

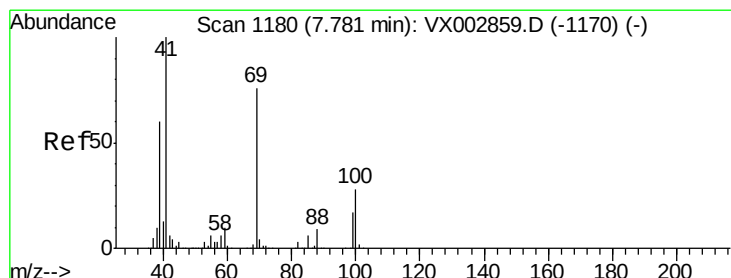
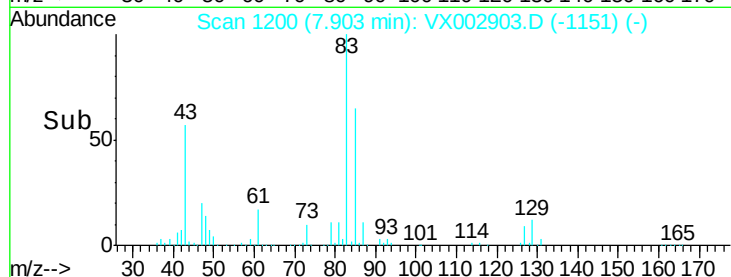
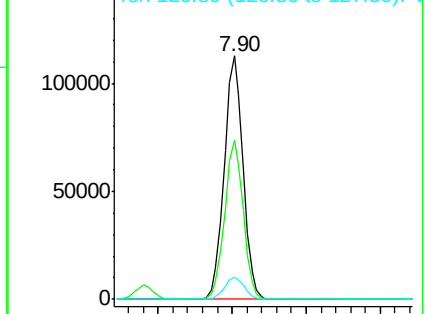
83 100

85 65.2 50.3 75.5

127 9.2 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: 49.39 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

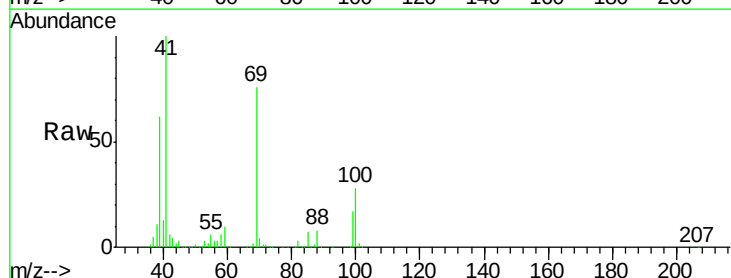
Tgt Ion: 41 Resp: 181989

Ion Ratio Lower Upper

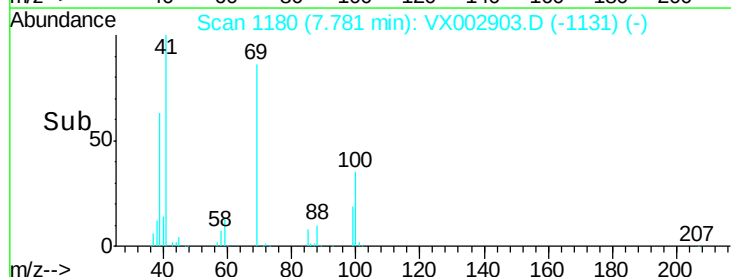
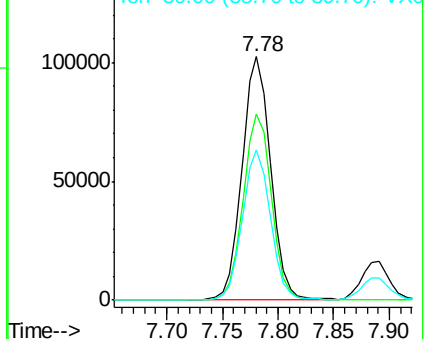
41 100

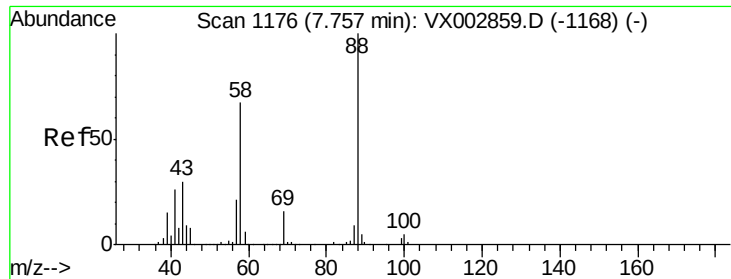
69 76.6 59.1 88.7

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

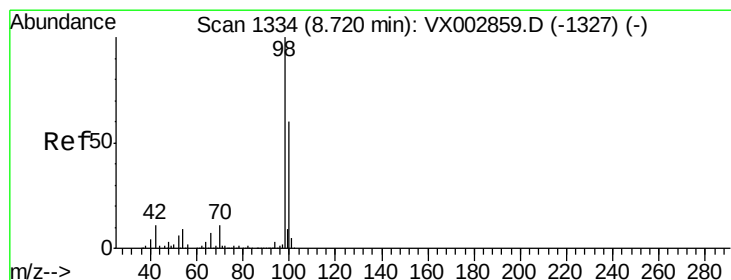
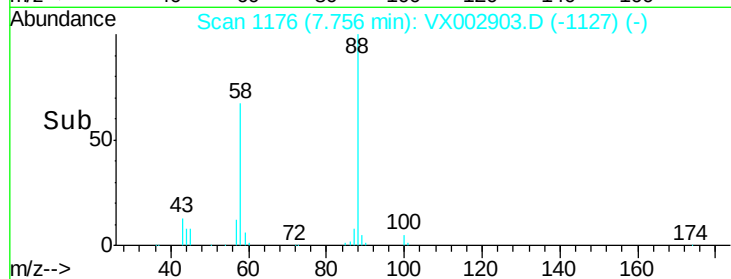
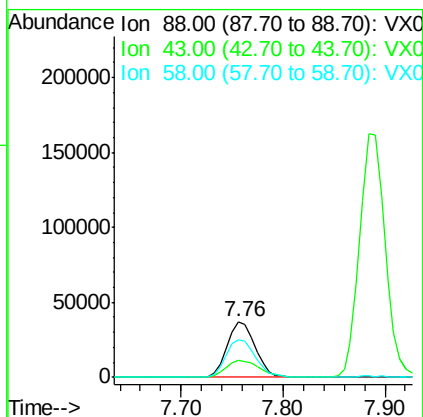
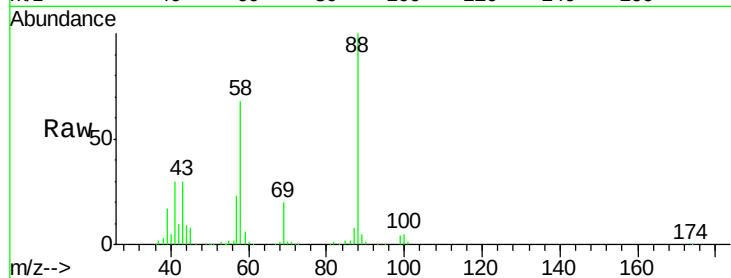




#49
1,4-Dioxane
Concen: 982.83 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

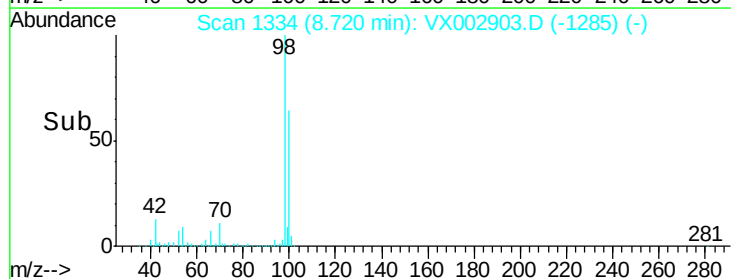
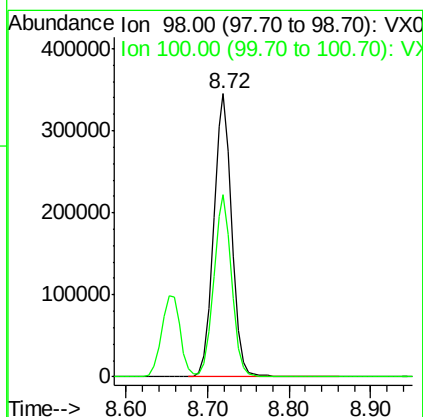
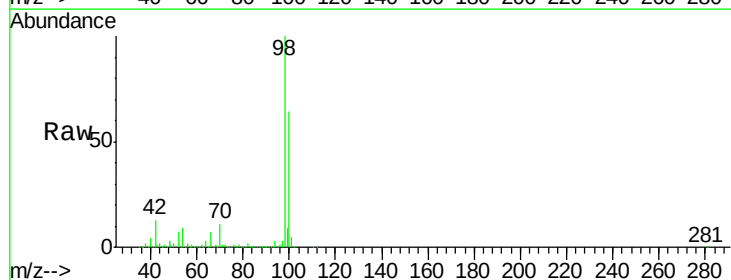
Instrument :
MSVOA_X
ClientSampled :

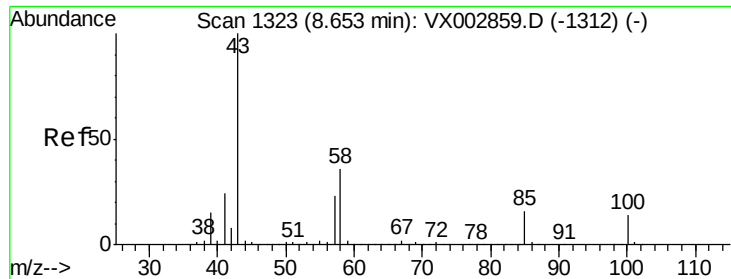
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.8	44.6
58	71.2	57.1	85.7



#50
Toluene-d8
Concen: 51.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 249.18 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

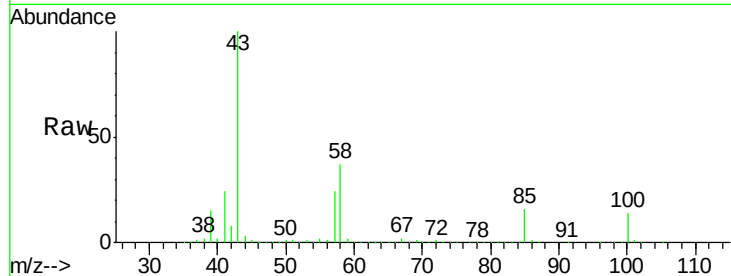
ClientSampleId :

Tot Ion: 43 Resp: 1114914

Ion Ratio Lower Upper

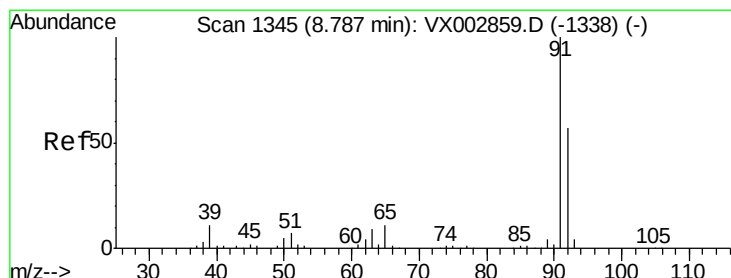
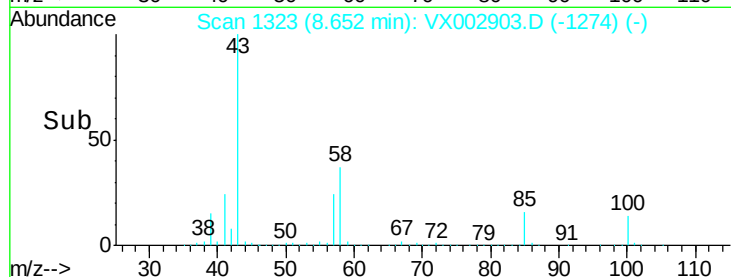
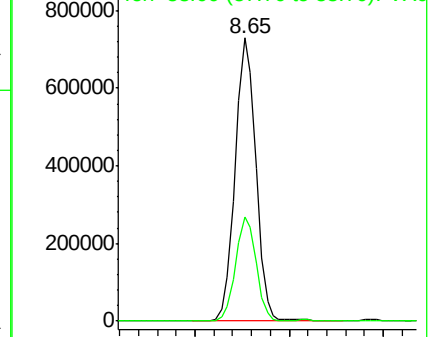
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002903.D

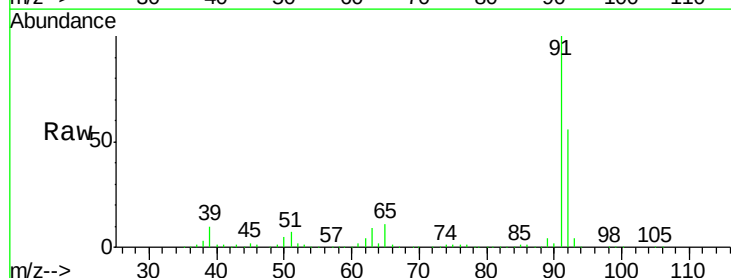
Acq: 26 Jun 2018 19:18

Tgt Ion: 92 Resp: 364174

Ion Ratio Lower Upper

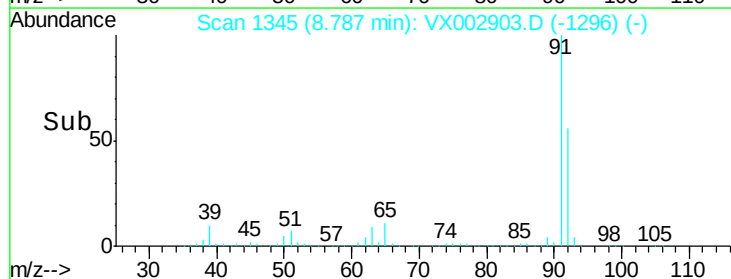
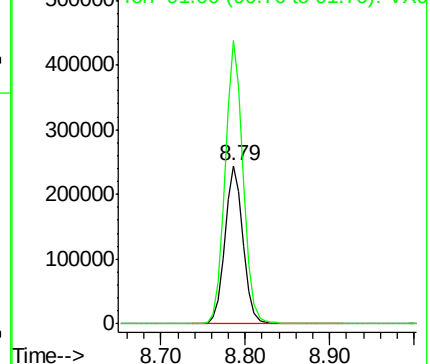
92 100

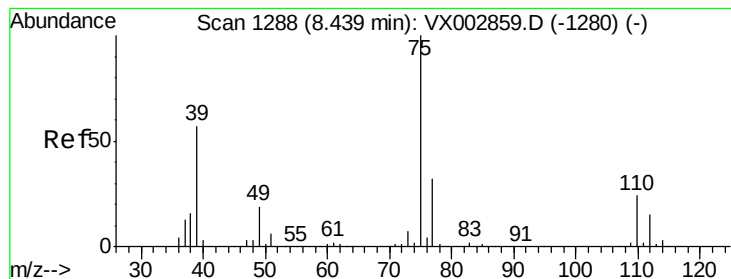
91 177.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.40 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

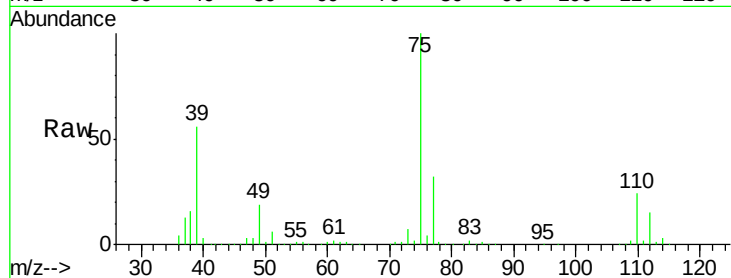
ClientSampleId :

Tot Ion: 75 Resp: 227960

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

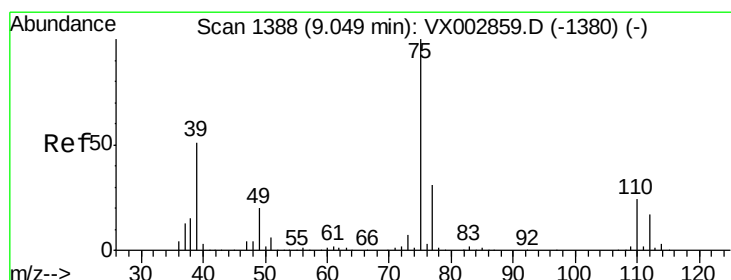
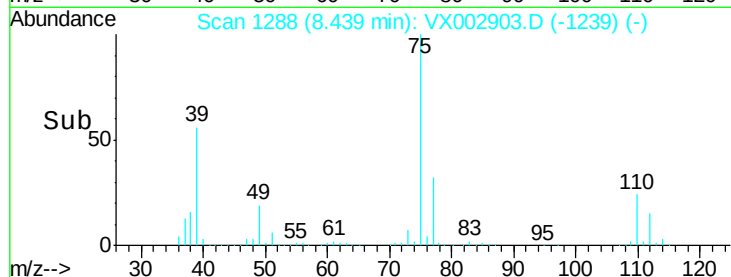
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.43 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

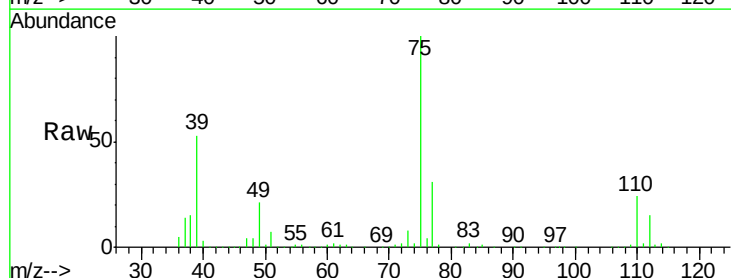
Tgt Ion: 75 Resp: 210940

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 52.4 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

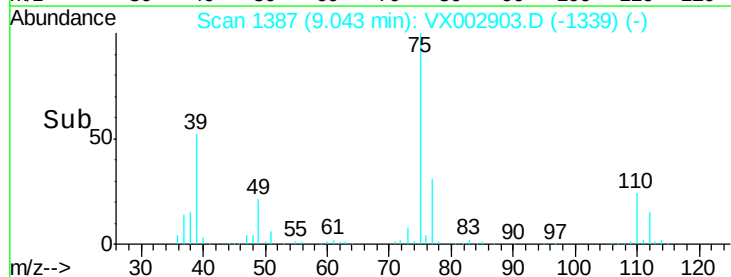
150000

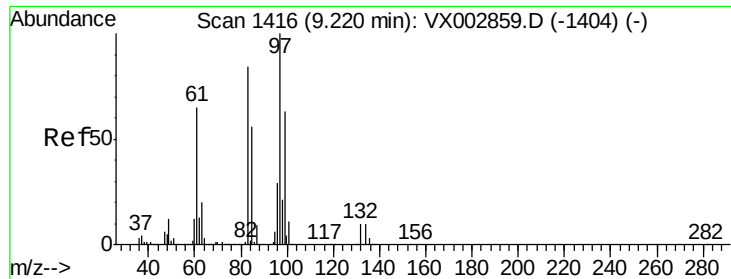
100000

50000

0

Time-->

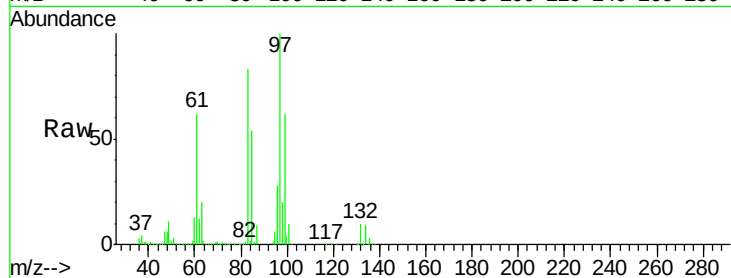




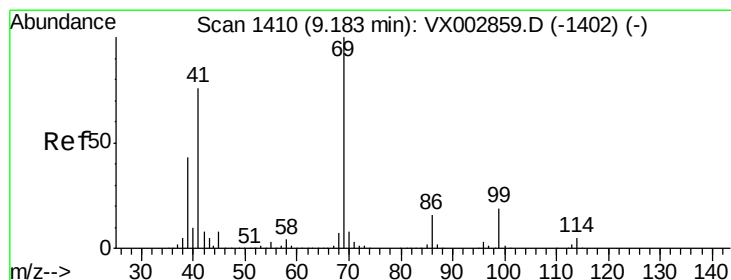
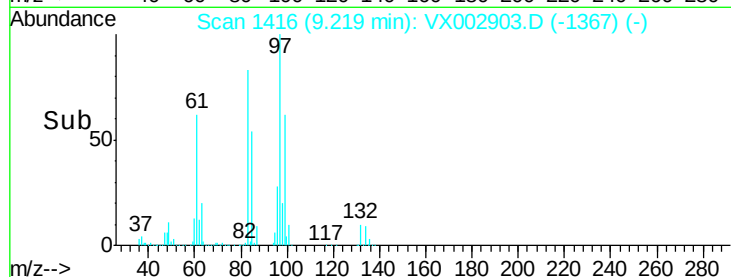
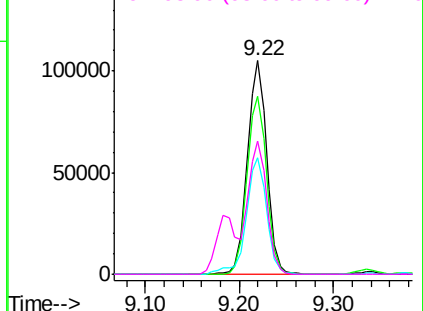
#55
 1,1,2-Trichloroethane
 Concen: 49.98 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	151383
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.2	105.2
85	54.3	44.9	67.3
99	62.4	49.8	74.8

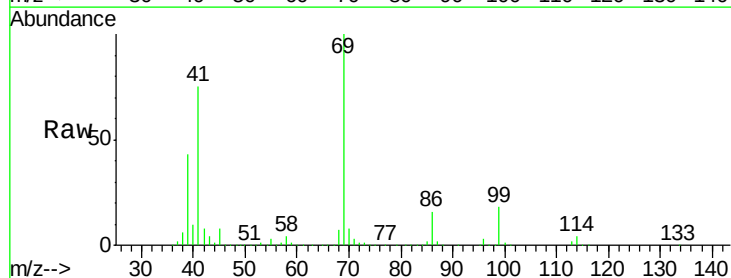


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

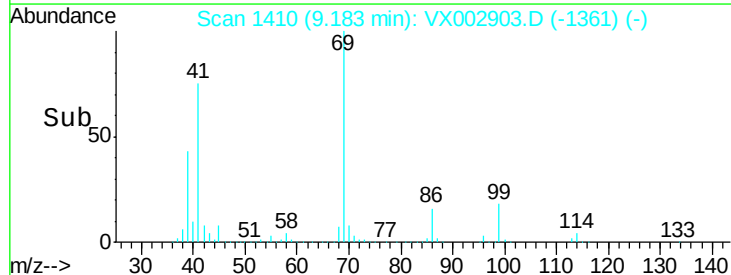
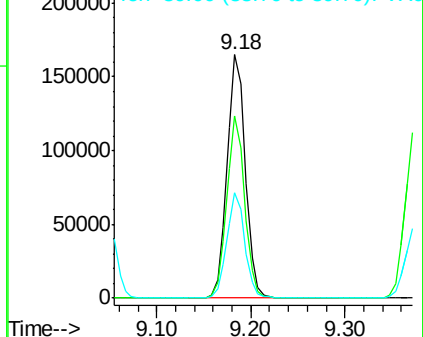


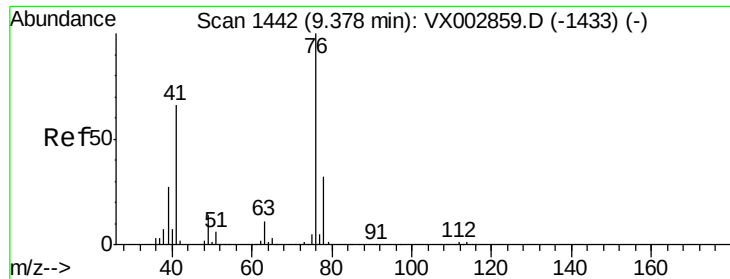
#56
 Ethyl methacrylate
 Concen: 50.20 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion:	69	Resp:	222218
Ion	Ratio	Lower	Upper
69	100		
41	72.5	60.3	90.5
39	42.7	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

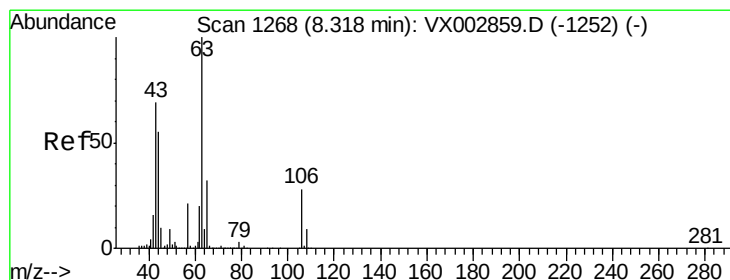
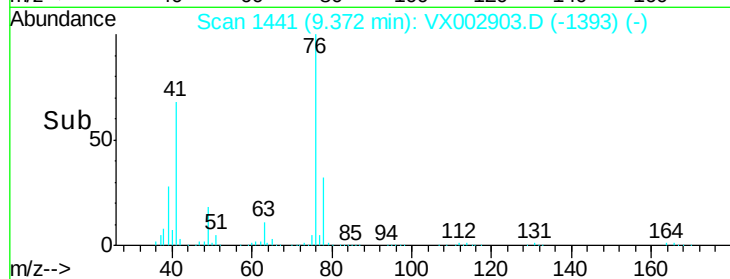
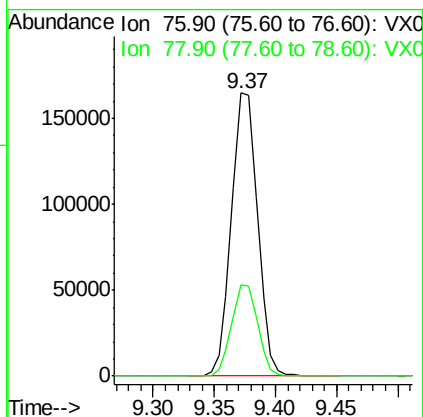
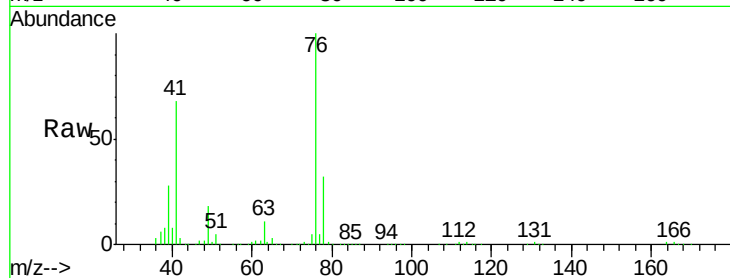




#57
 1,3-Dichloropropane
 Concen: 49.02 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

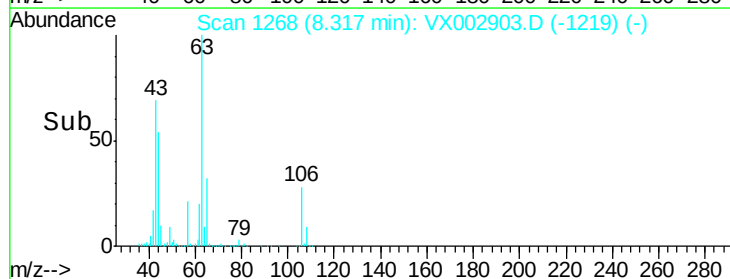
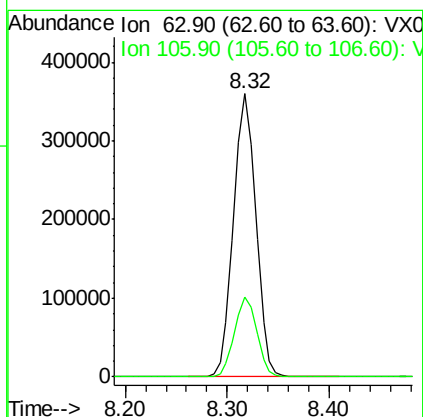
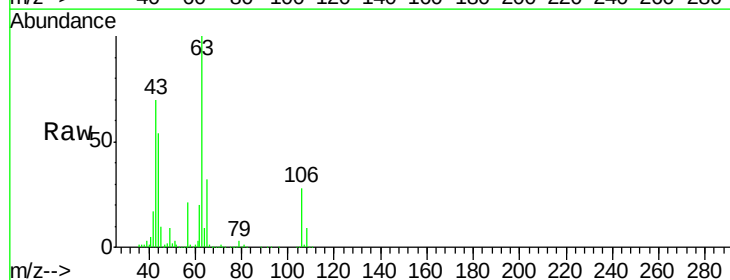
Instrument :
 MSVOA_X
 ClientSampleId :

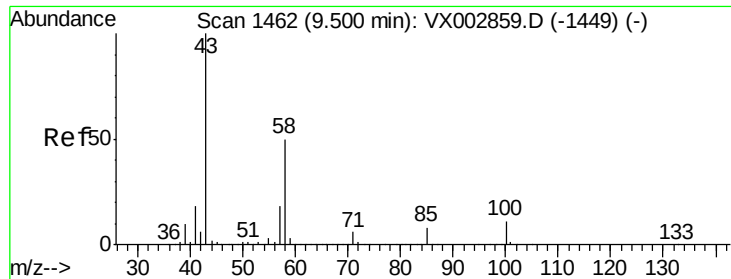
Tot Ion: 76 Resp: 243892
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.79 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion: 63 Resp: 546304
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

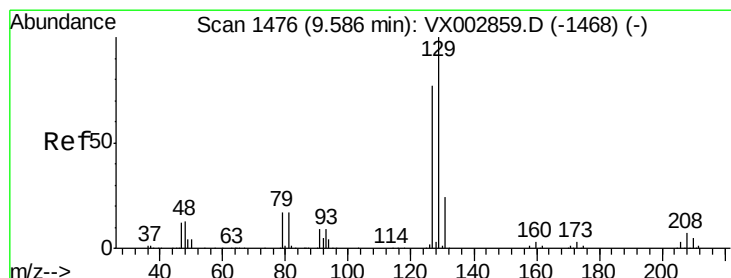
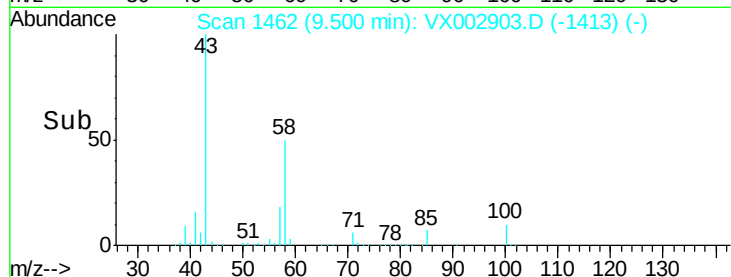
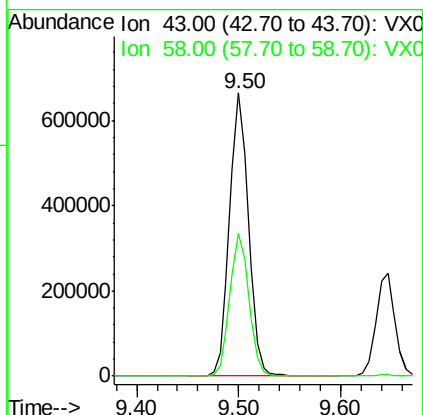
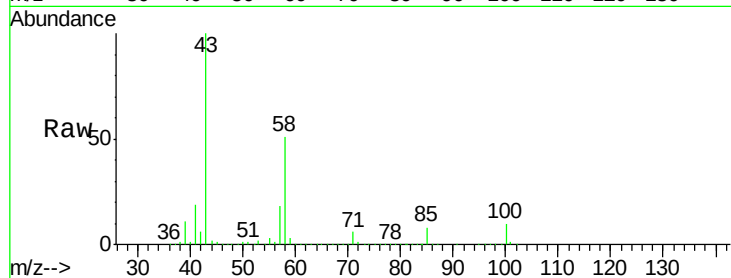




#59
2-Hexanone
Concen: 250.11 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

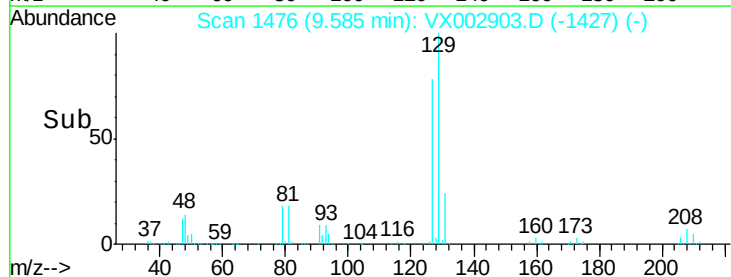
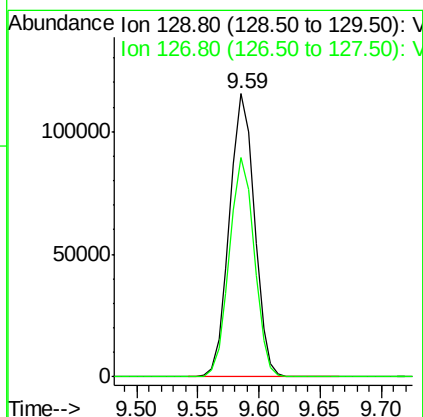
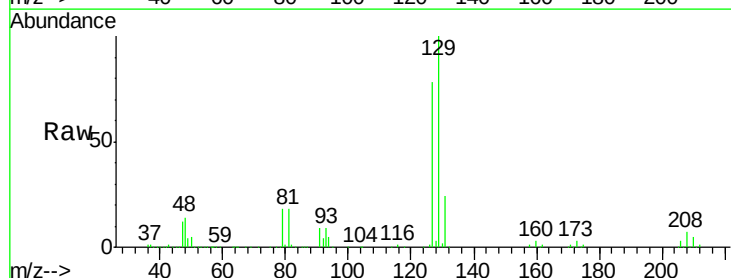
Instrument :
MSVOA_X
ClientSampleId :

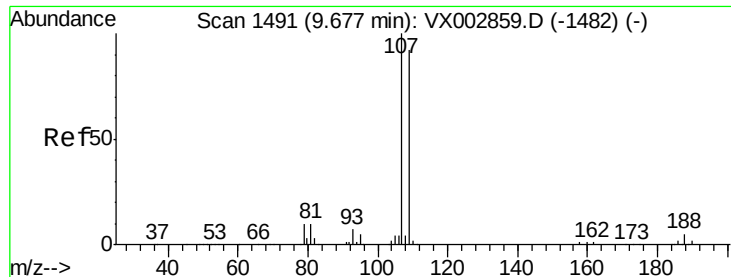
Tot Ion: 43 Resp: 850495
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6



#60
Dibromochloromethane
Concen: 51.19 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion:129 Resp: 163229
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

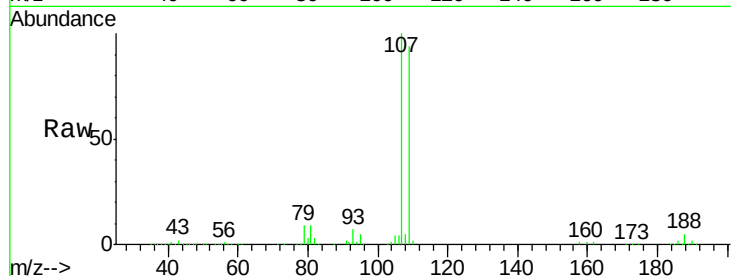
ClientSampleId :

Tot Ion:107 Resp: 158001

Ion Ratio Lower Upper

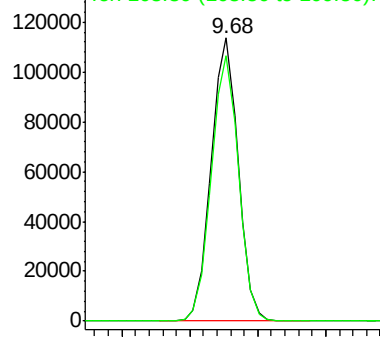
107 100

109 94.6 75.3 112.9

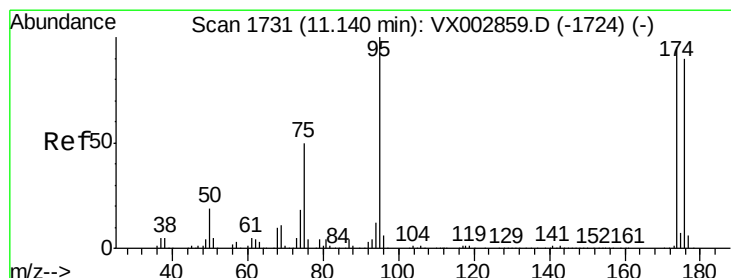
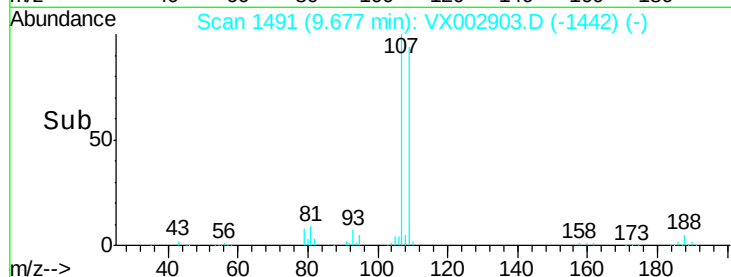


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 52.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

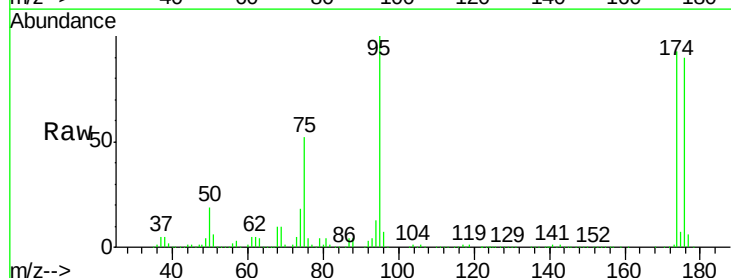
Tgt Ion: 95 Resp: 210764

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

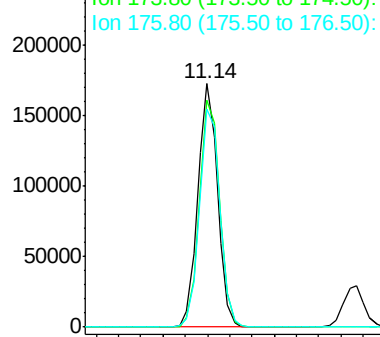
176 93.3 0.0 181.0



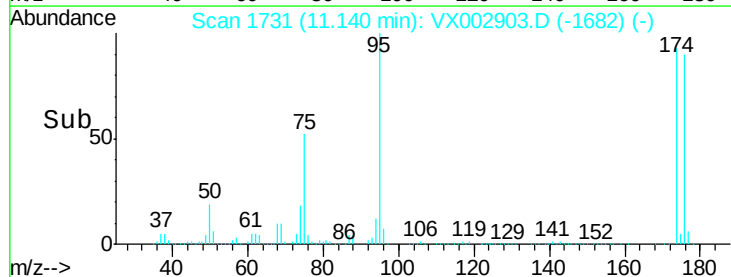
Abundance Ion 94.90 (94.60 to 95.60): VX0

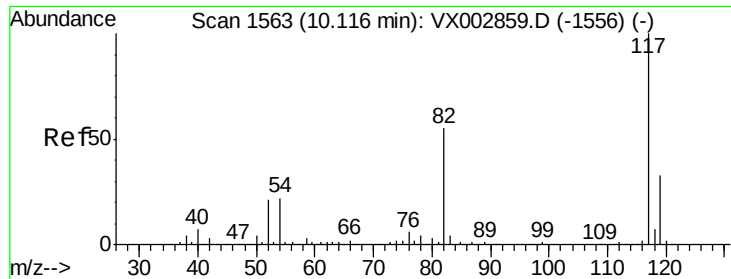
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

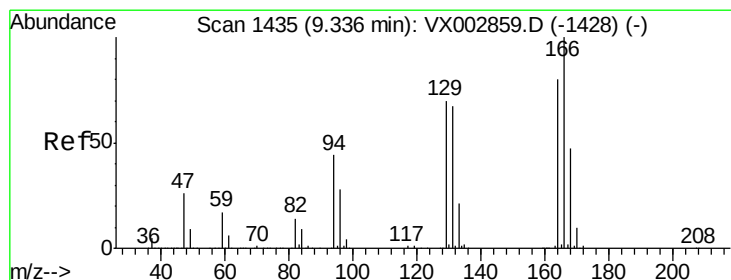
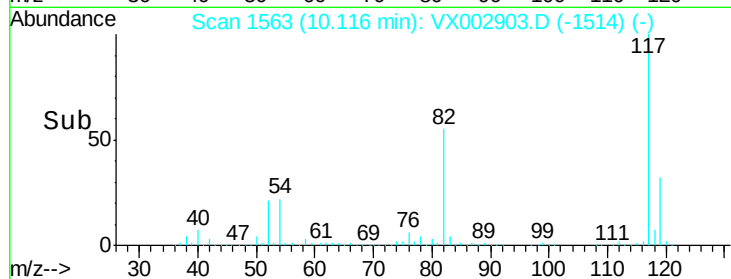
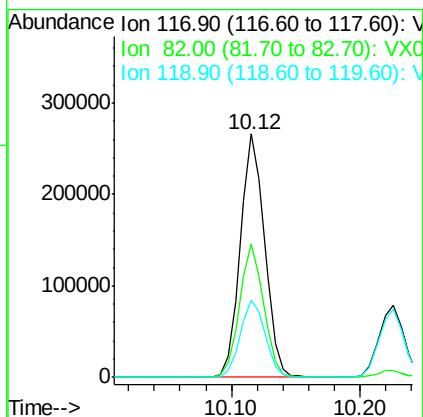
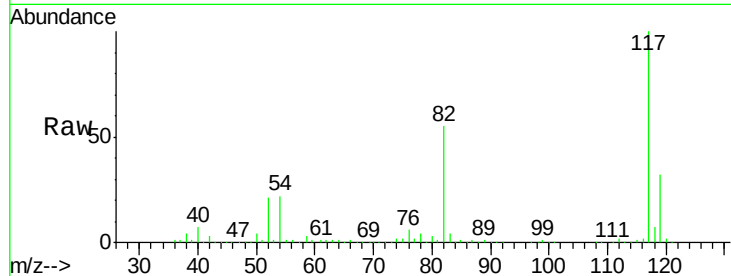




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

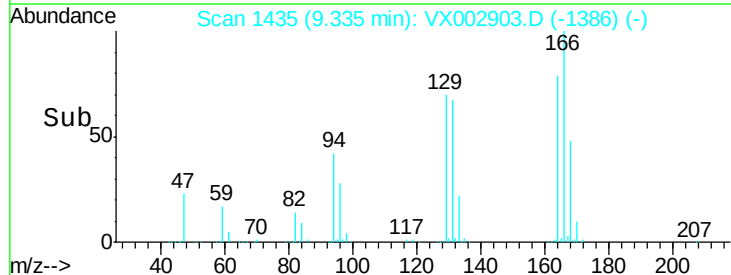
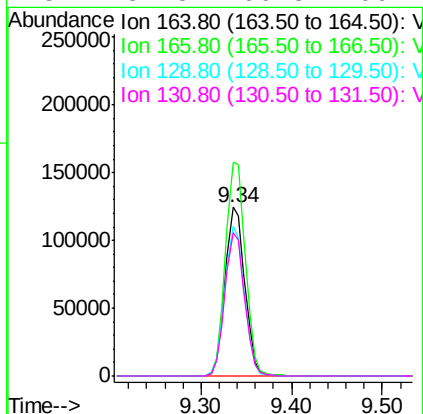
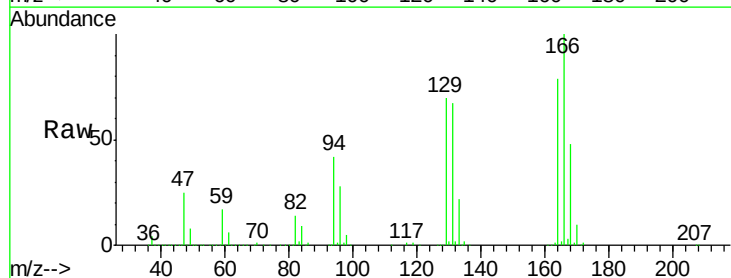
Instrument :
MSVOA_X
ClientSampleId :

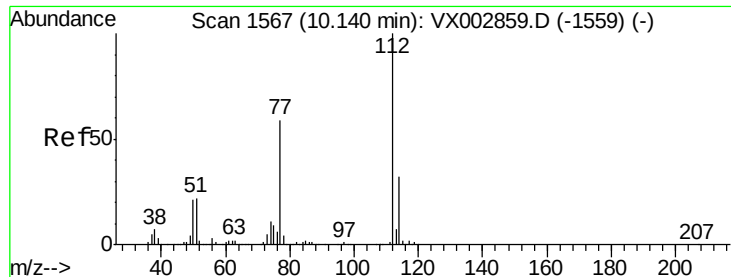
Tot Ion:117 Resp: 347924
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.69 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion:164 Resp: 188373
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 88.5 68.6 102.8
131 84.8 66.8 100.2





#65

Chlorobenzene

Concen: 48.23 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

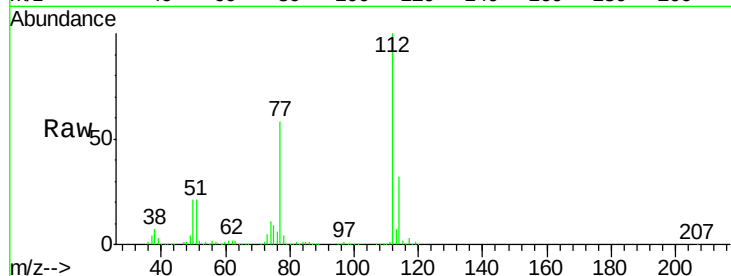
ClientSampleId :

Tot Ion:112 Resp: 426241

Ion Ratio Lower Upper

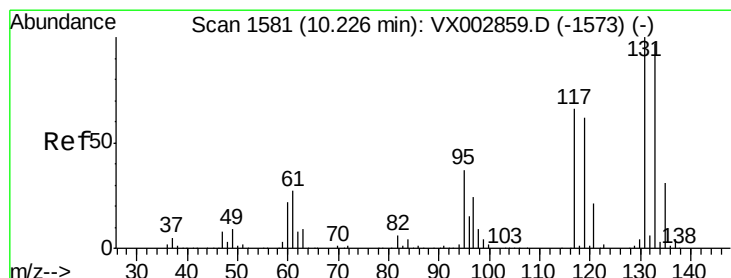
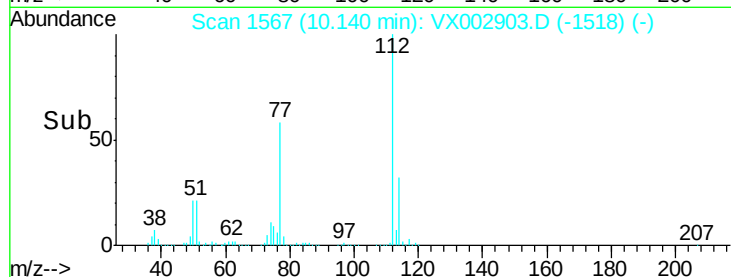
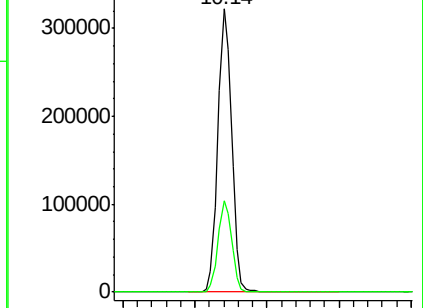
112 100

114 32.2 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: 49.13 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

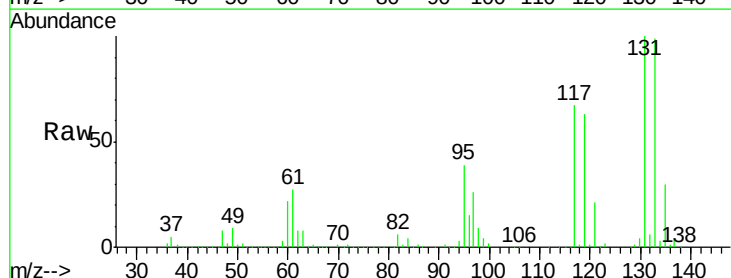
Tgt Ion:131 Resp: 157710

Ion Ratio Lower Upper

131 100

133 96.9 47.9 143.6

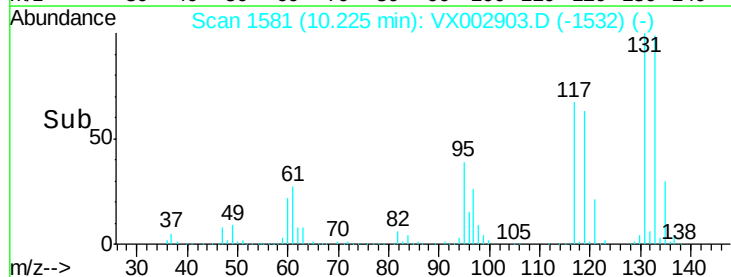
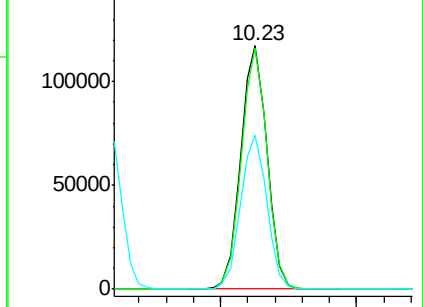
119 63.2 31.8 95.3

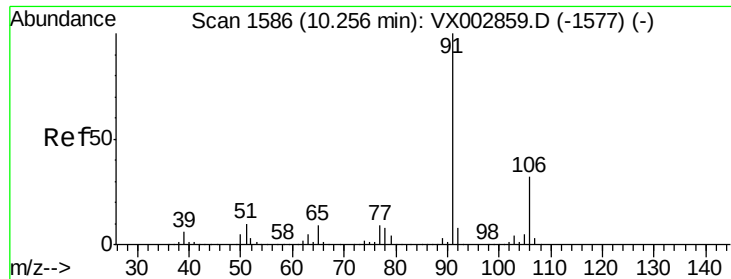


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.52 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

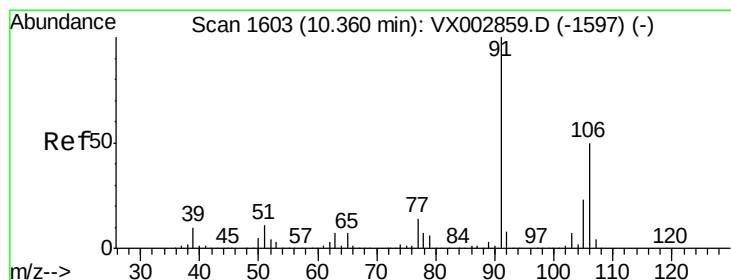
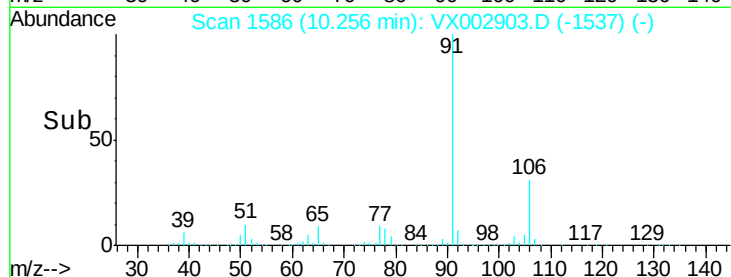
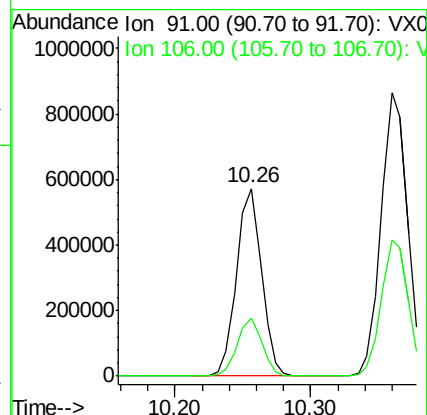
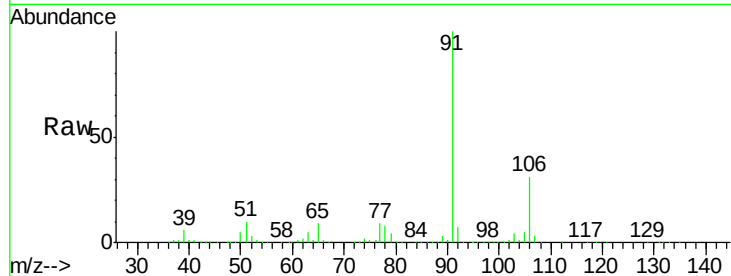
ClientSampleId :

Tot Ion: 91 Resp: 737571

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



#68

m/p-Xylenes

Concen: 101.45 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002903.D

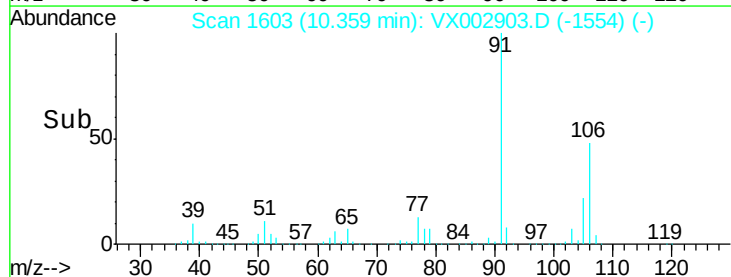
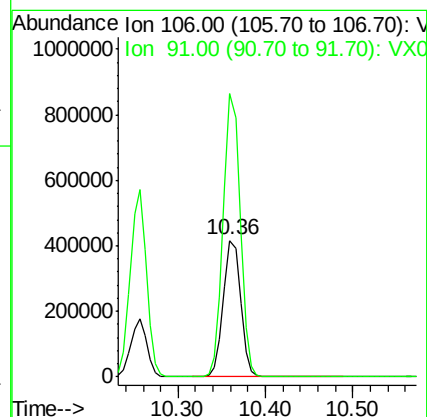
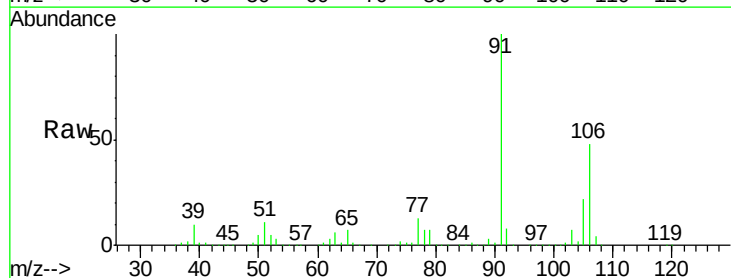
Acq: 26 Jun 2018 19:18

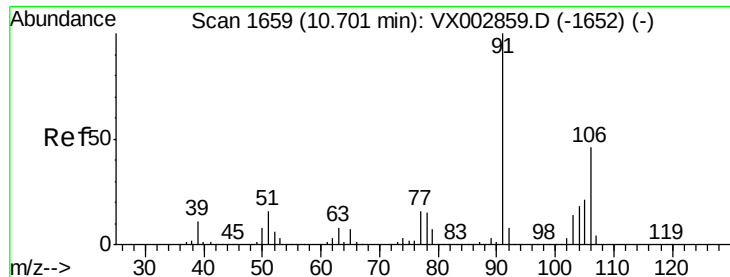
Tgt Ion: 106 Resp: 570768

Ion Ratio Lower Upper

106 100

91 204.1 163.4 245.2

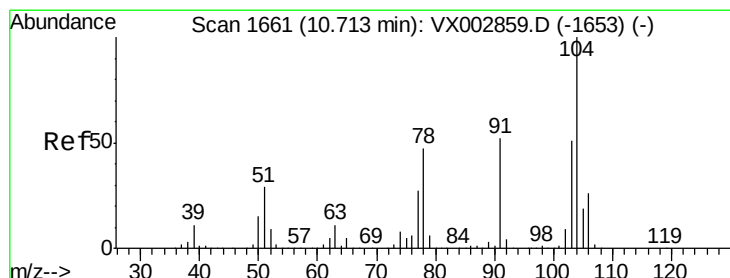
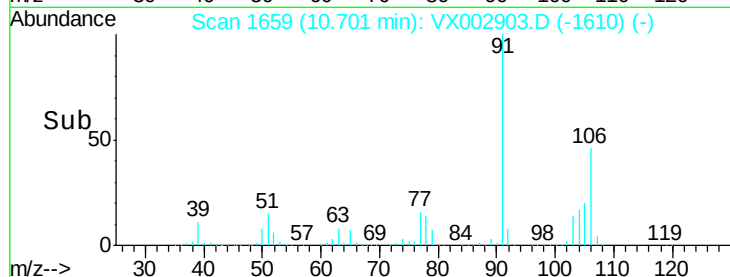
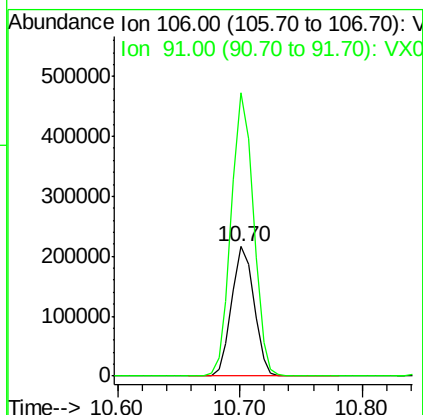
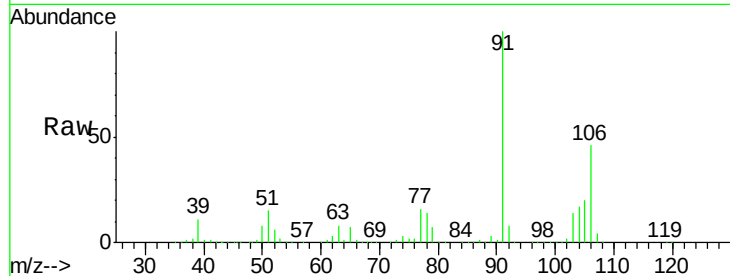




#69
o-Xylene
Concen: 50.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

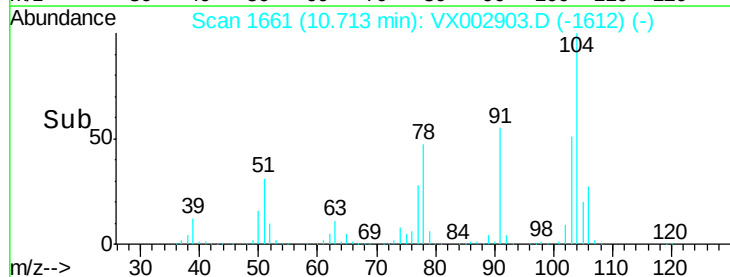
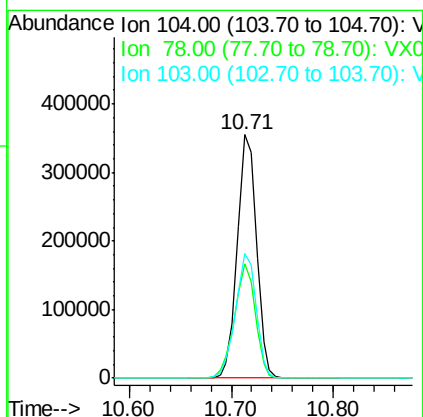
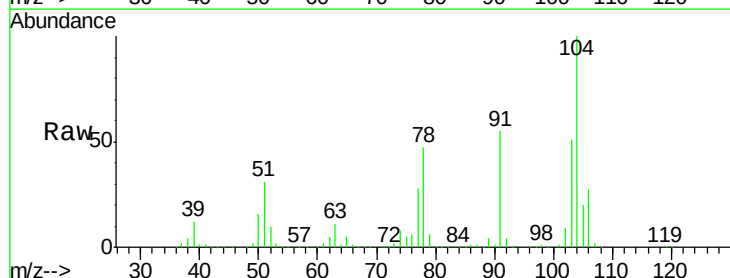
Instrument :
MSVOA_X
ClientSampled :

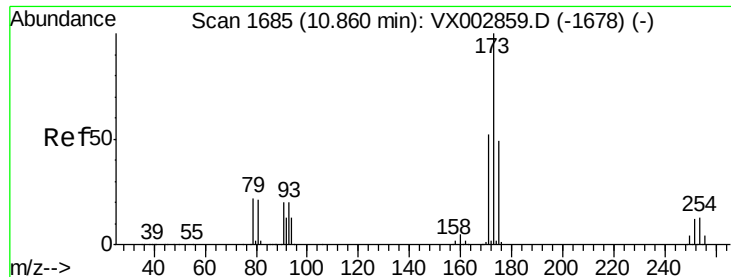
Tot Ion:106 Resp: 274608
Ion Ratio Lower Upper
106 100
91 216.5 108.2 324.6



#70
Styrene
Concen: 51.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion:104 Resp: 459405
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 45.11 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

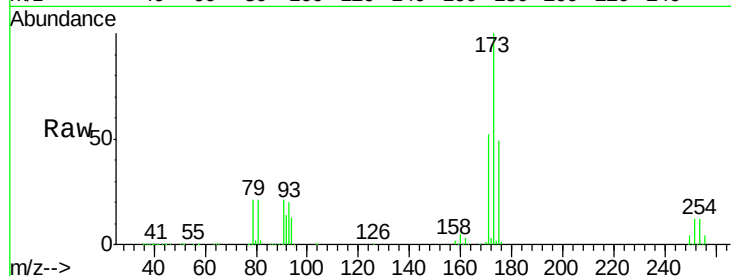
Tot Ion:173 Resp: 129642

Ion Ratio Lower Upper

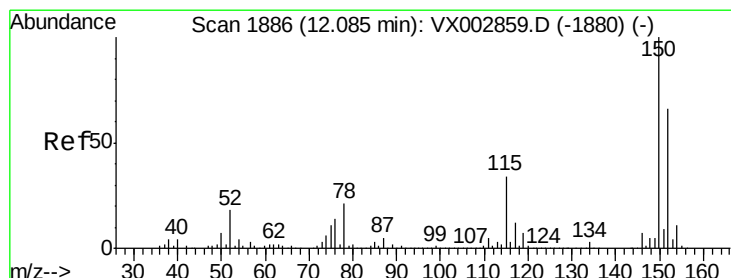
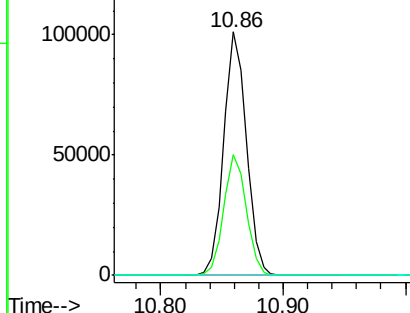
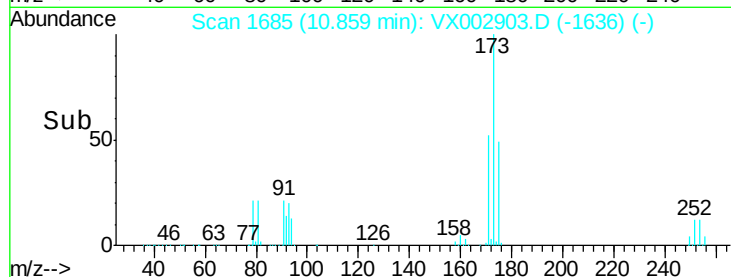
173 100

175 49.3 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

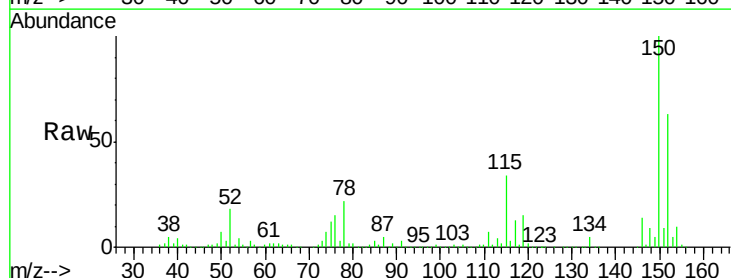
Tgt Ion:152 Resp: 226860

Ion Ratio Lower Upper

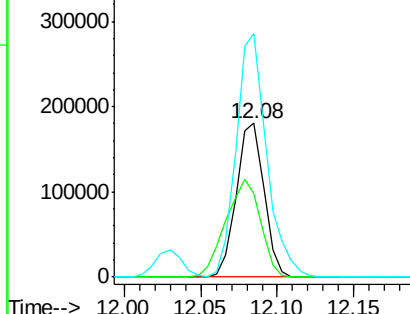
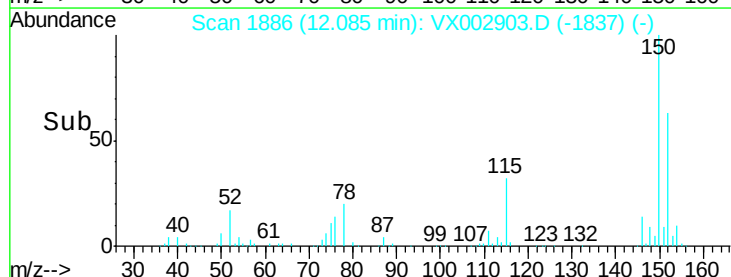
152 100

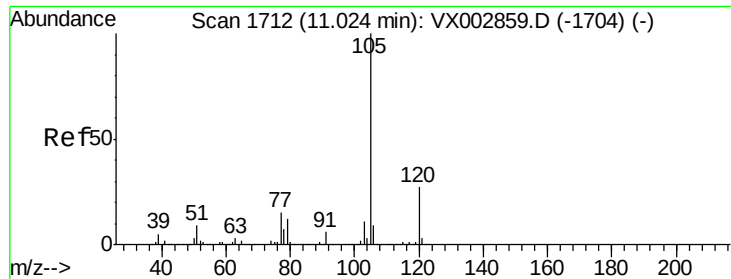
115 79.4 40.1 120.2

150 173.8 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: 49.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

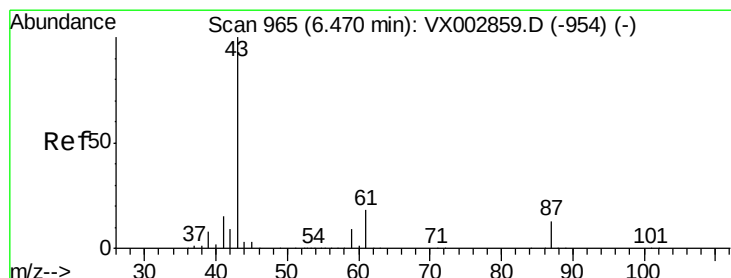
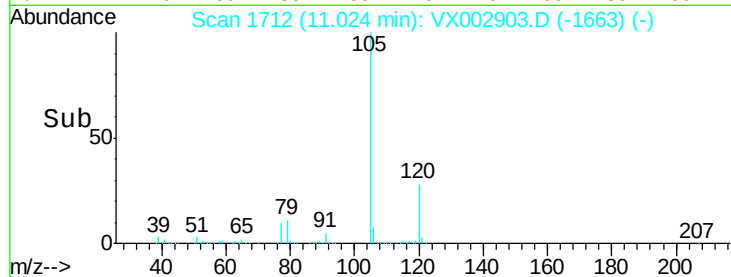
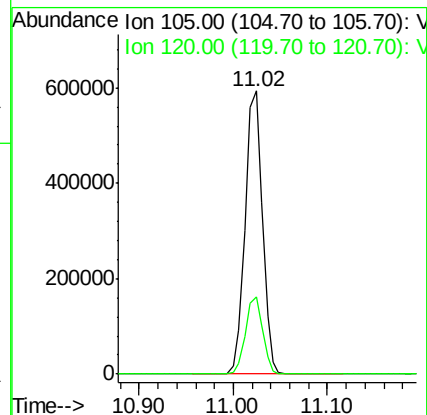
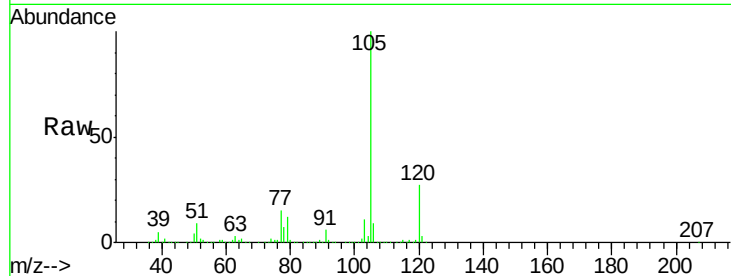
ClientSampleId :

Tot Ion:105 Resp: 762649

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 45.54 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Tgt Ion: 43 Resp: 340042

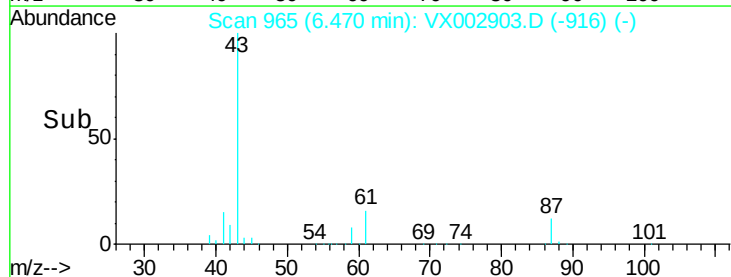
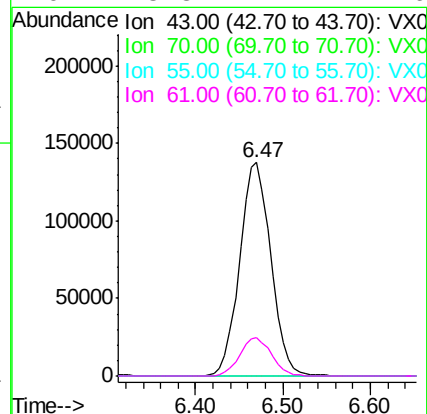
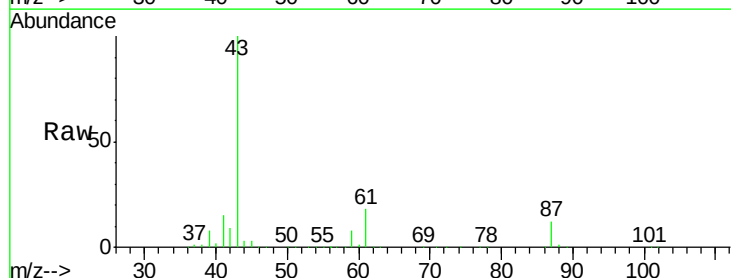
Ion Ratio Lower Upper

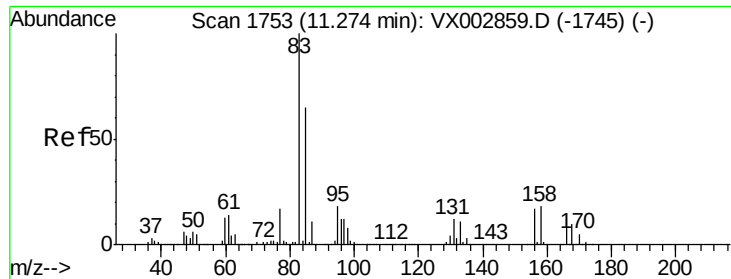
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.34 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

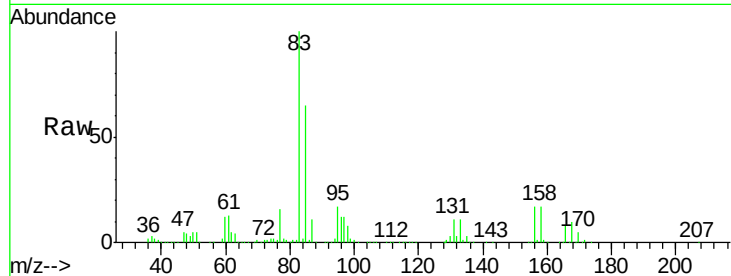
Tot Ion: 83 Resp: 222552

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

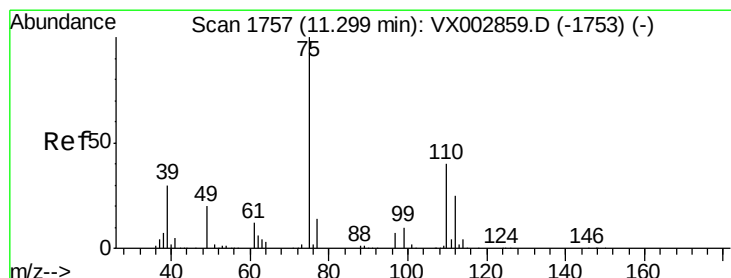
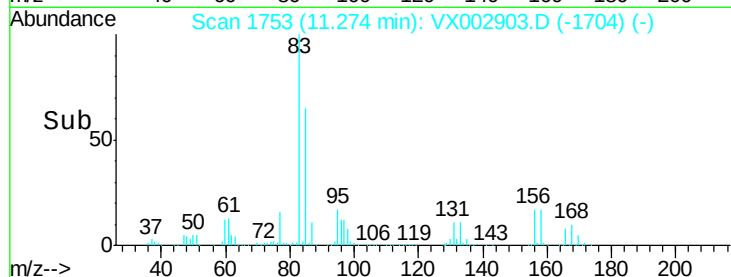
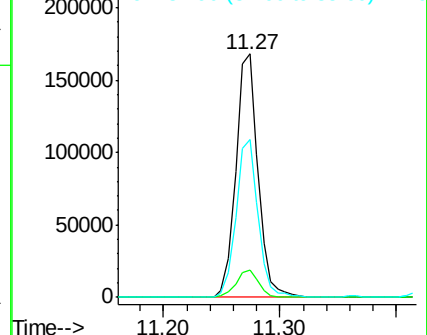
85 64.6 32.4 97.2



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: 62.73 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002903.D

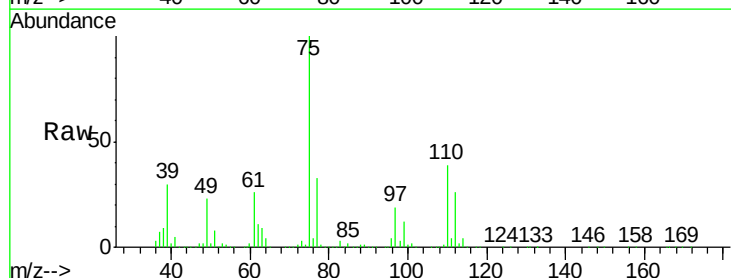
Acq: 26 Jun 2018 19:18

Tgt Ion: 75 Resp: 257763

Ion Ratio Lower Upper

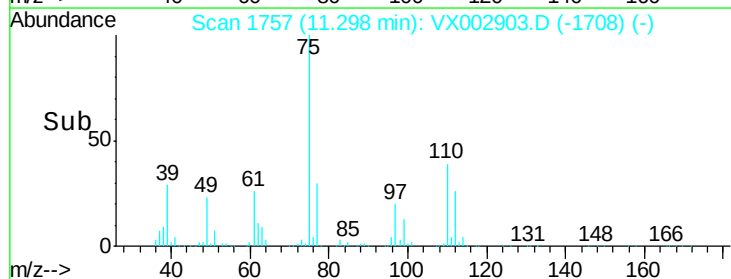
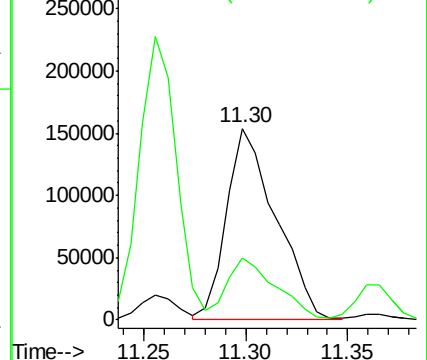
75 100

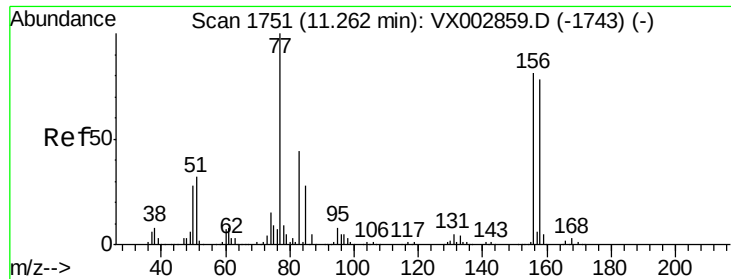
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.83 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampled :

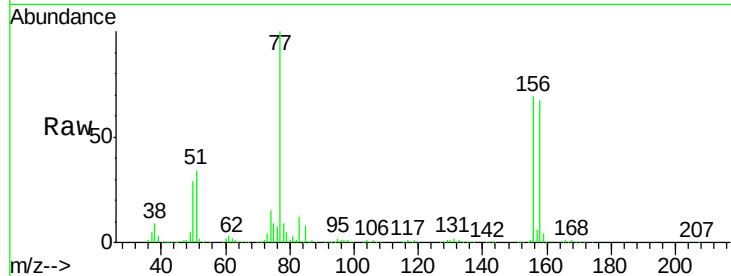
Tot Ion:156 Resp: 207886

Ion Ratio Lower Upper

156 100

77 138.4 71.4 214.2

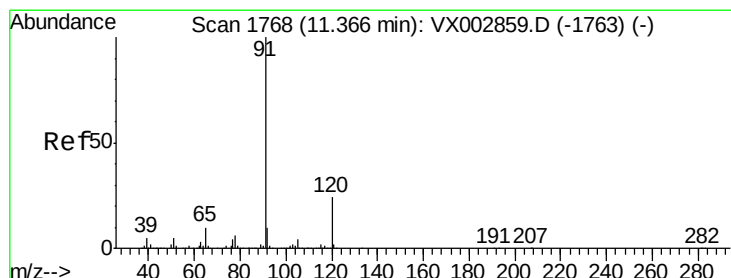
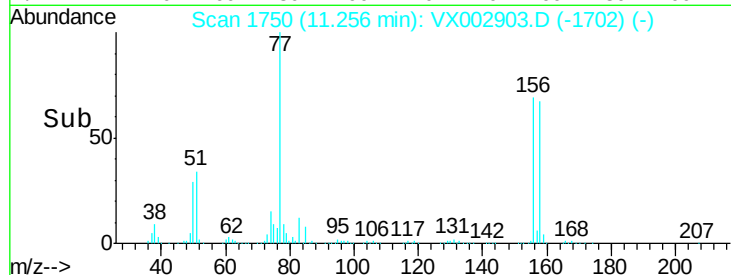
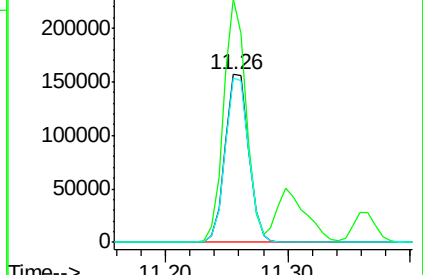
158 97.8 48.9 146.6



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: 50.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002903.D

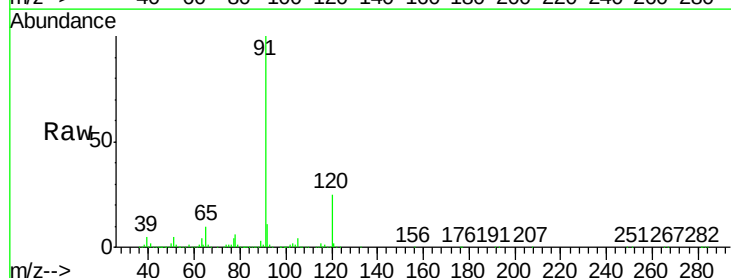
Acq: 26 Jun 2018 19:18

Tgt Ion: 91 Resp: 874662

Ion Ratio Lower Upper

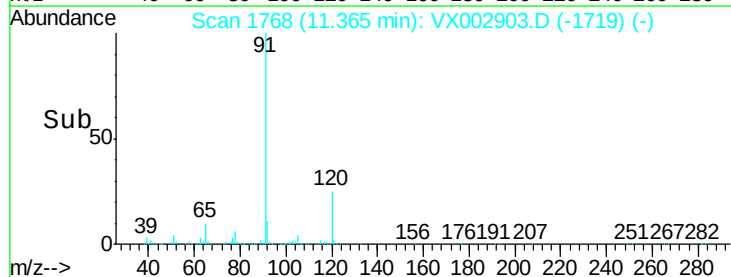
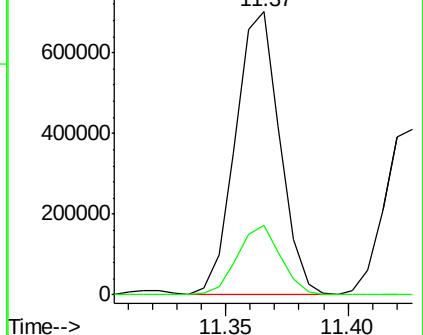
91 100

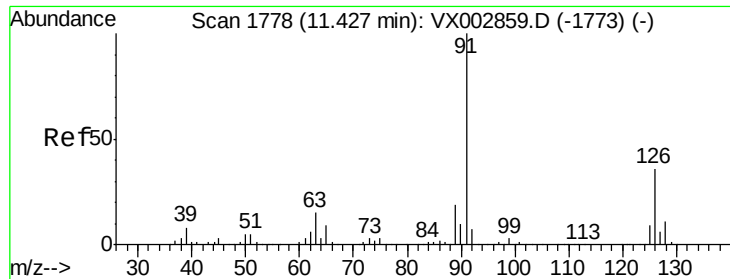
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.40 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

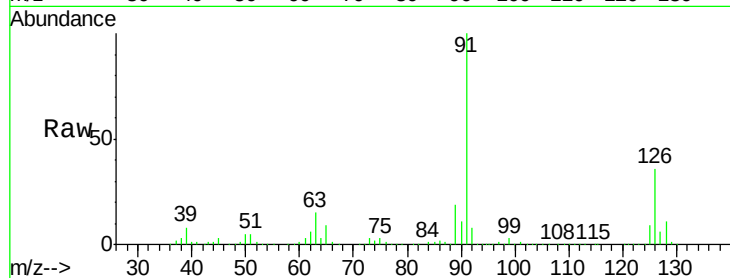
ClientSampled :

Tot Ion: 91 Resp: 519502

Ion Ratio Lower Upper

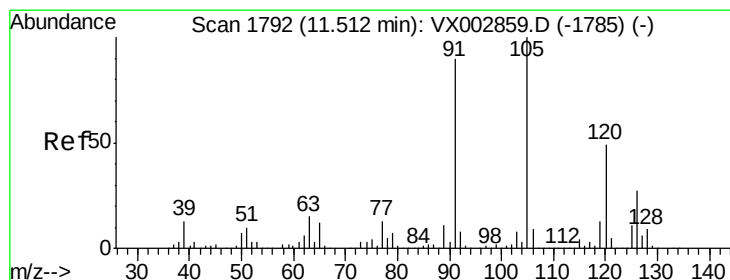
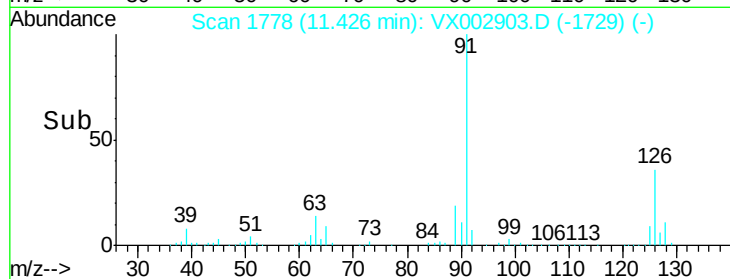
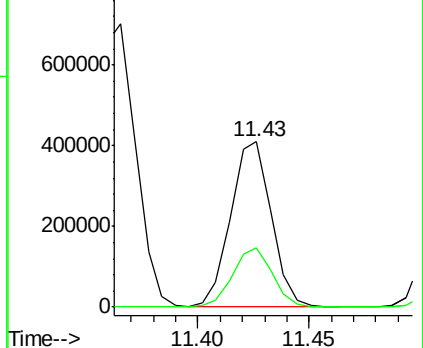
91 100

126 35.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002903.D

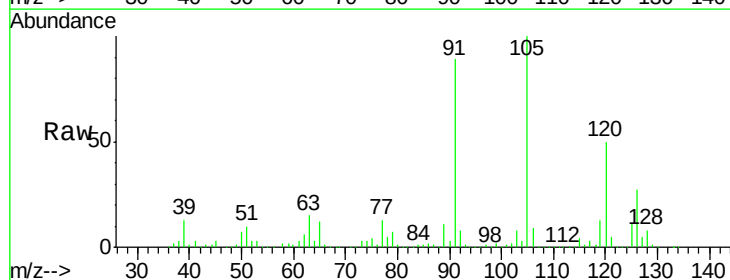
Acq: 26 Jun 2018 19:18

Tgt Ion: 105 Resp: 650965

Ion Ratio Lower Upper

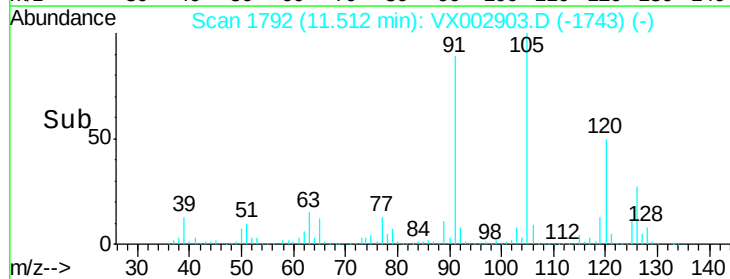
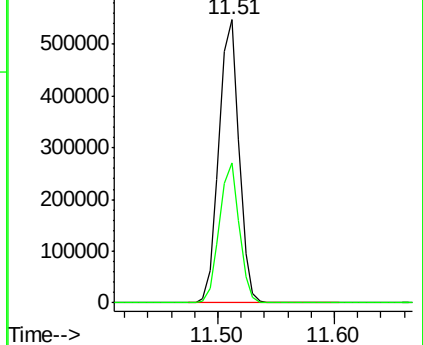
105 100

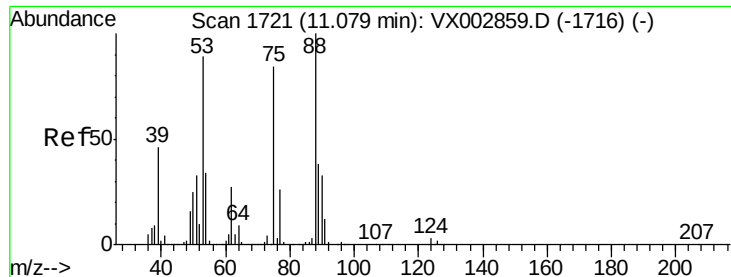
120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

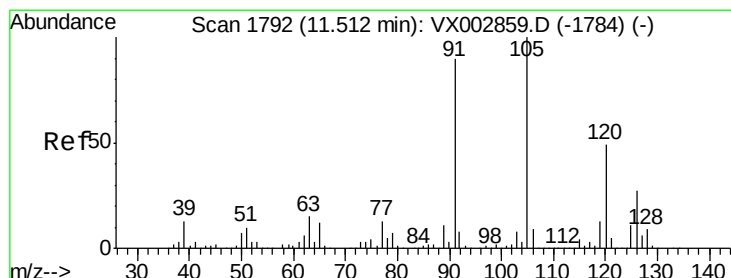
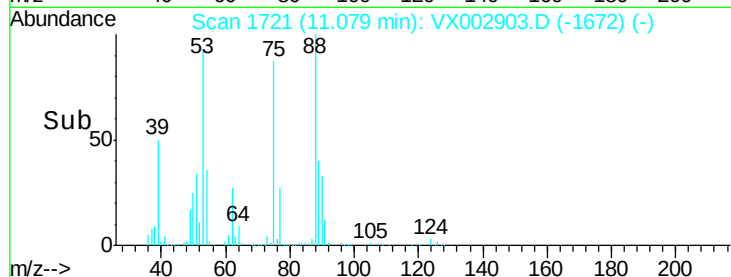
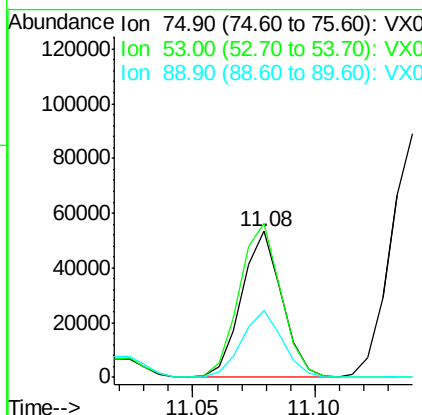
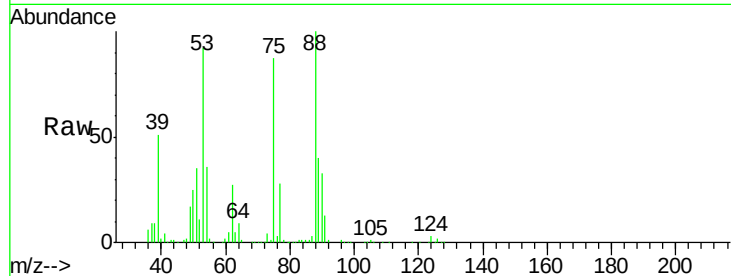




#81
trans-1,4-Dichloro-2-butene
Concen: 43.74 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

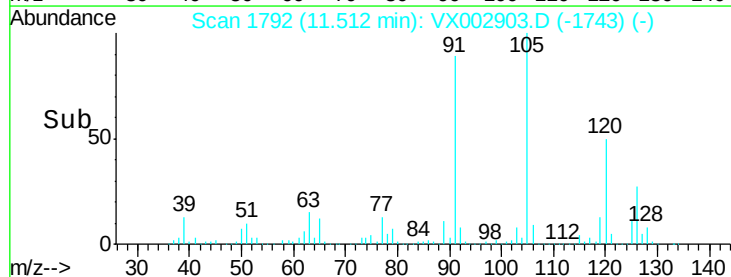
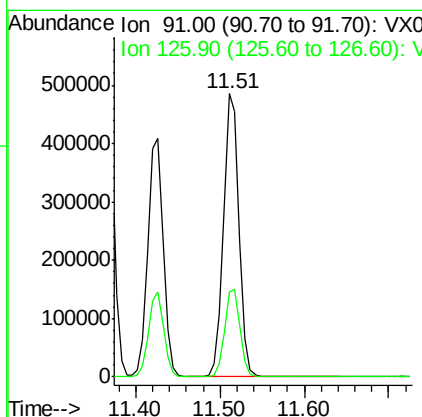
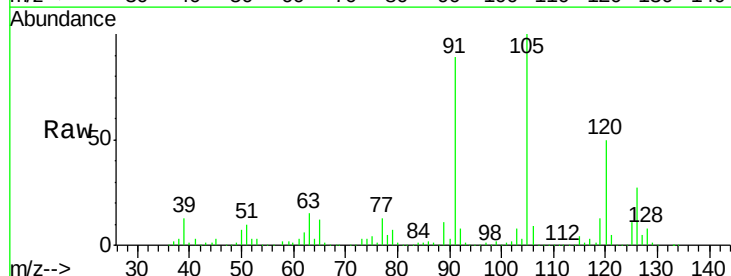
Instrument :
MSVOA_X
ClientSampled :

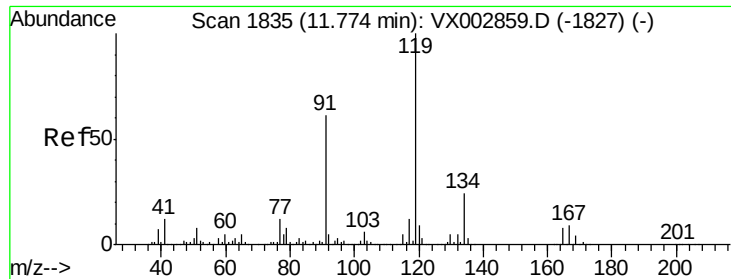
Tot Ion: 75 Resp: 61316
Ion Ratio Lower Upper
75 100
53 109.2 86.8 130.2
89 46.3 38.2 57.2



#82
4-Chlorotoluene
Concen: 49.51 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion: 91 Resp: 616406
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.4

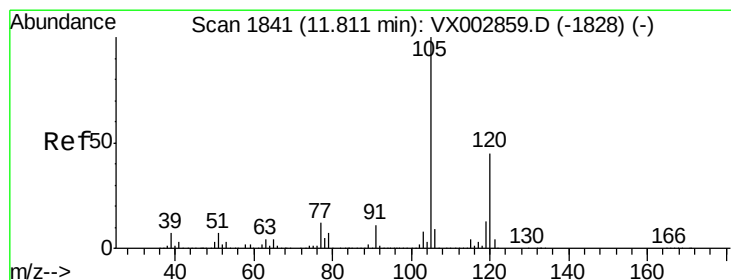
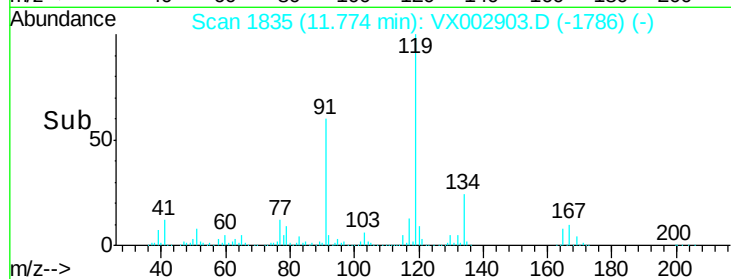
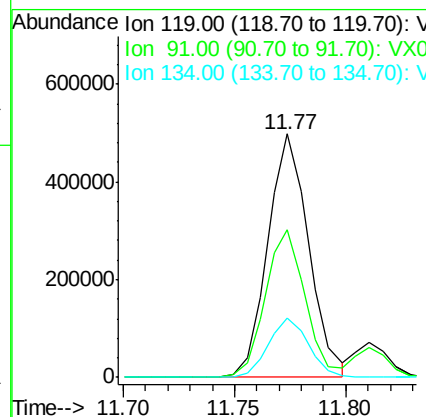
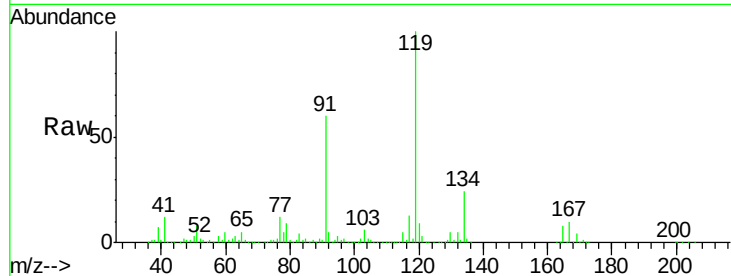




#83
 tert-Butylbenzene
 Concen: 50.20 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

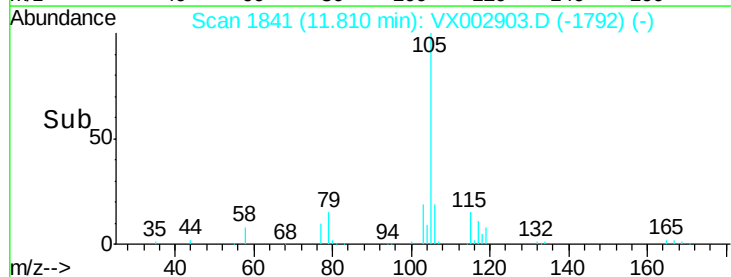
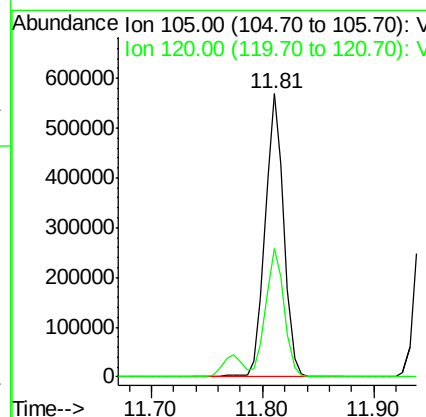
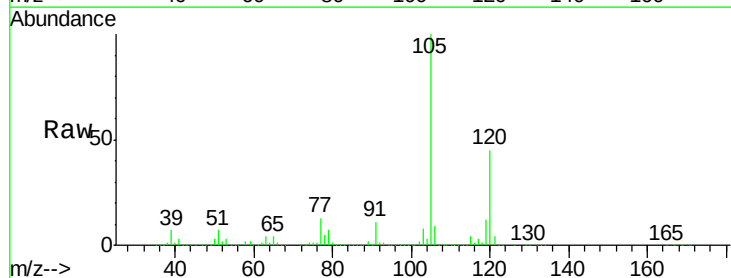
Instrument :
 MSVOA_X
 ClientSampleId :

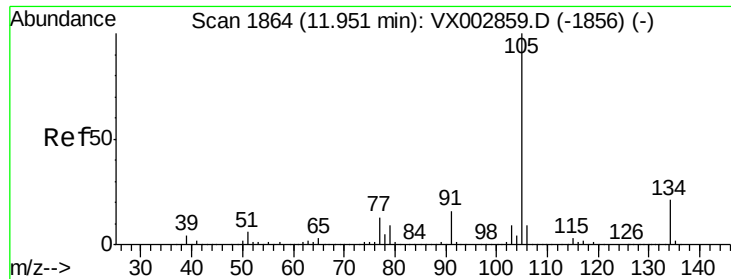
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	30.3	90.9
134	23.8	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 50.72 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

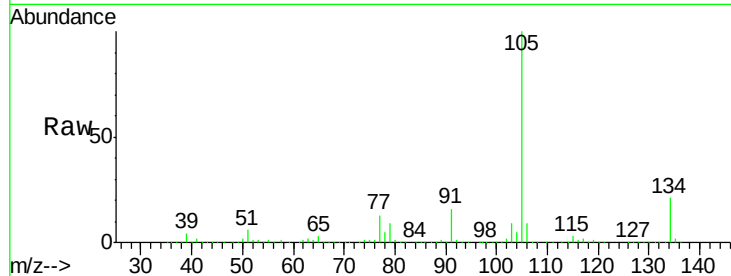
ClientSampleId :

Tot Ion:105 Resp: 779480

Ion Ratio Lower Upper

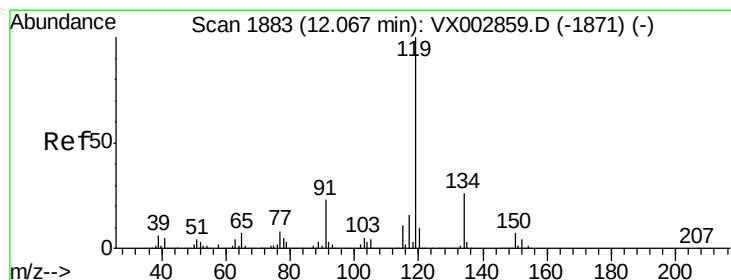
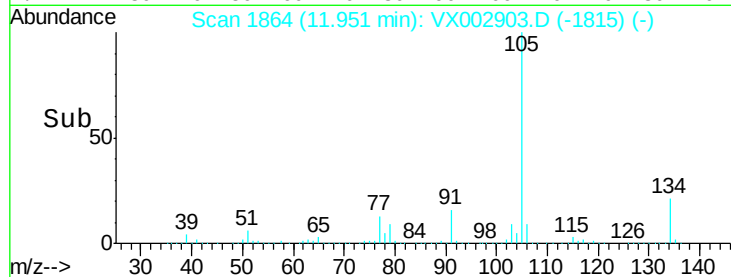
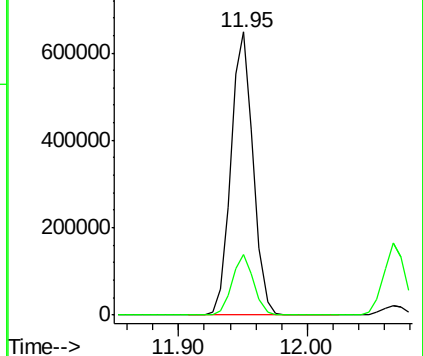
105 100

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: 51.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

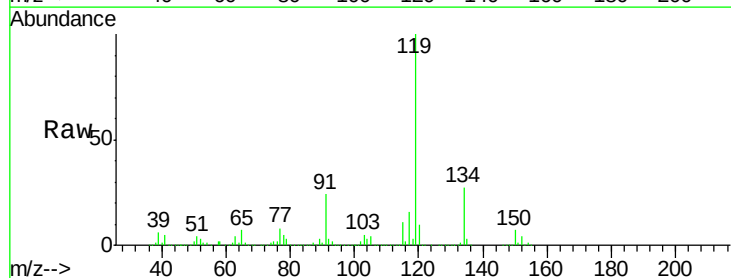
Tgt Ion:119 Resp: 712617

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

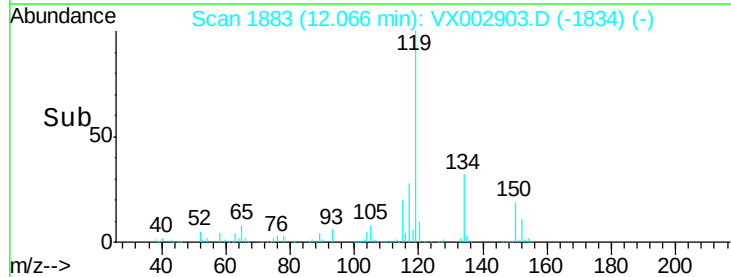
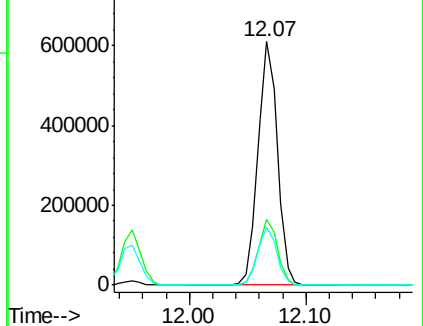
91 23.6 11.9 35.7

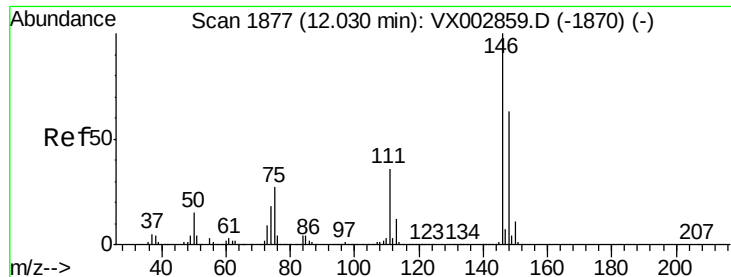


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.69 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

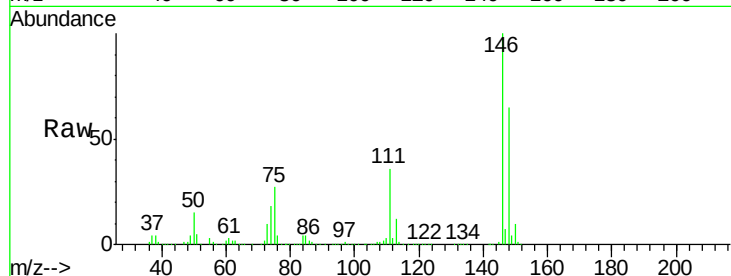
Tot Ion:146 Resp: 386499

Ion Ratio Lower Upper

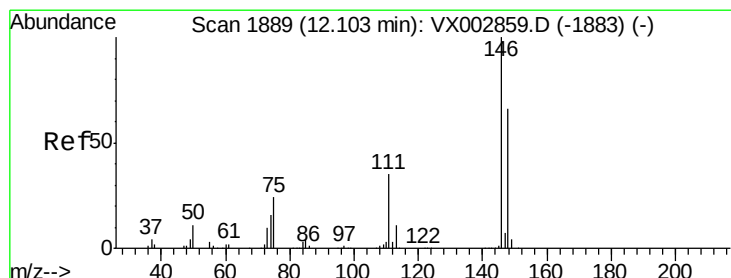
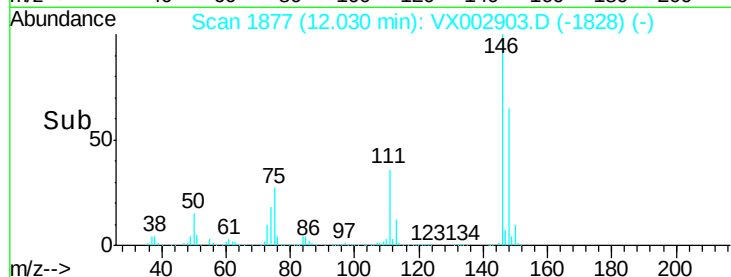
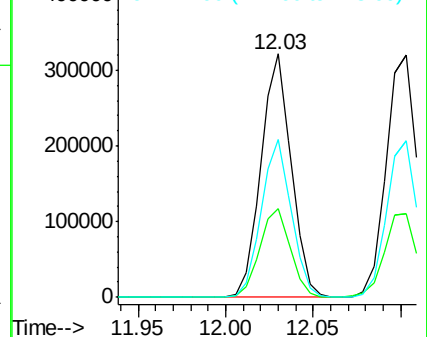
146 100

111 37.2 18.9 56.7

148 64.5 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 48.16 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

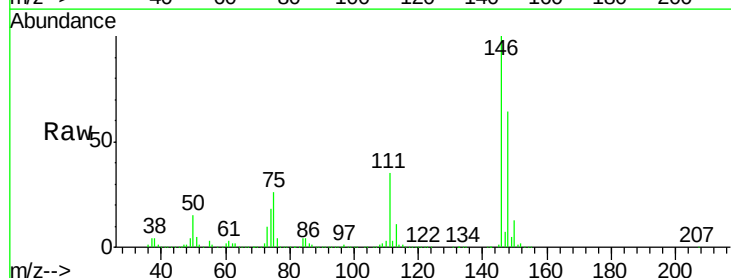
Tgt Ion:146 Resp: 393376

Ion Ratio Lower Upper

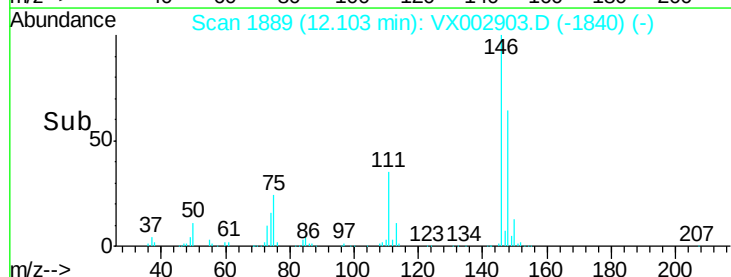
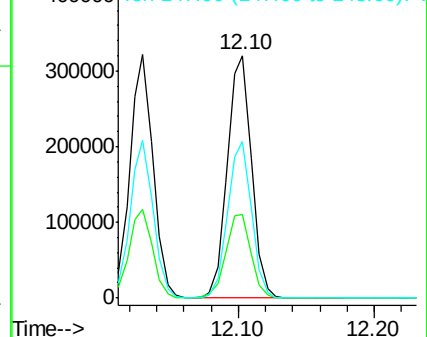
146 100

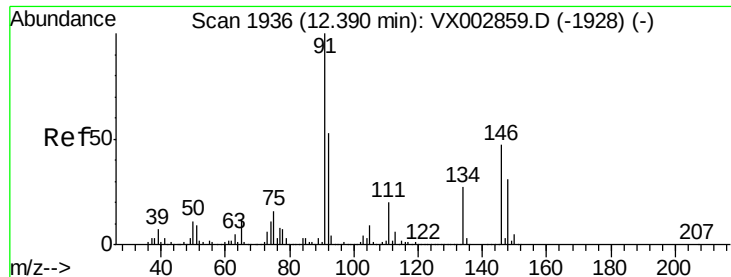
111 35.9 18.7 56.1

148 64.0 32.4 97.0



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





#89

n-Butylbenzene

Concen: 51.25 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

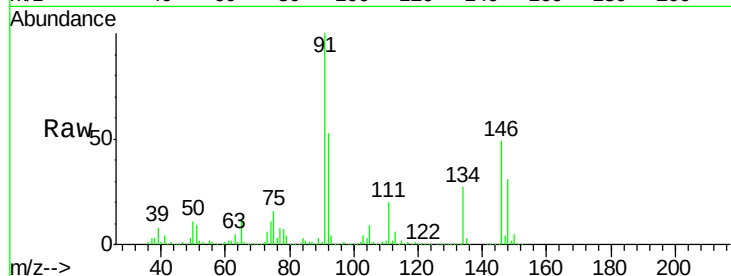
Tot Ion: 91 Resp: 616353

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

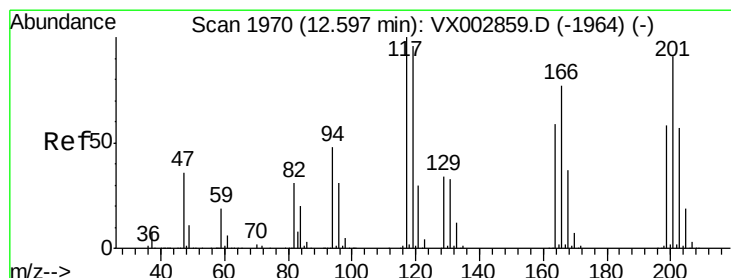
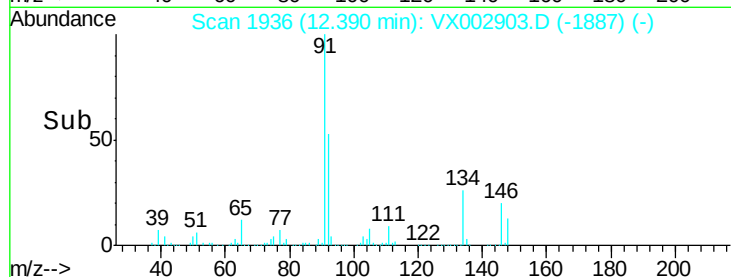
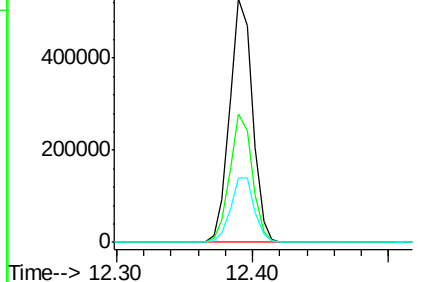
134 27.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)



#90

Hexachloroethane

Concen: 50.78 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002903.D

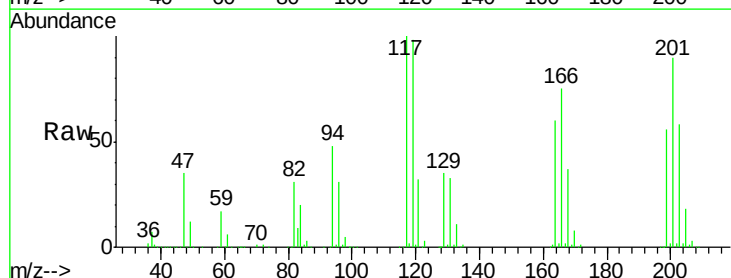
Acq: 26 Jun 2018 19:18

Tgt Ion: 117 Resp: 104351

Ion Ratio Lower Upper

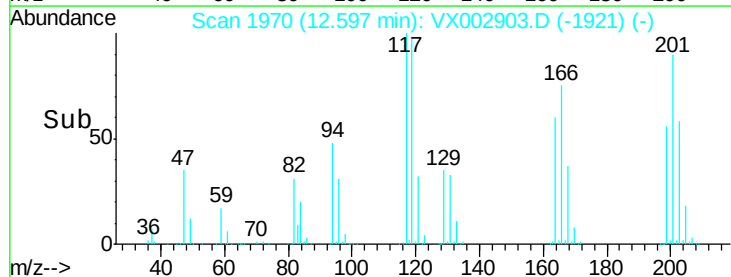
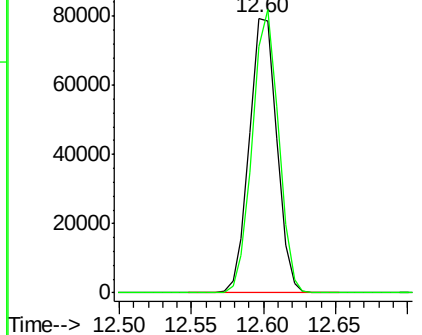
117 100

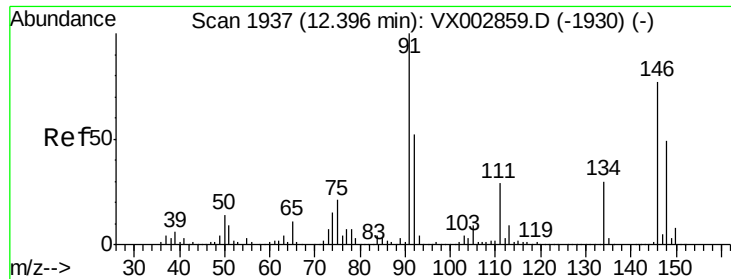
201 97.8 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 48.43 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

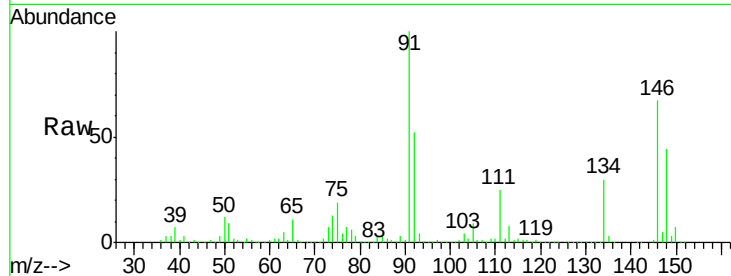
Tot Ion:146 Resp: 388009

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.1

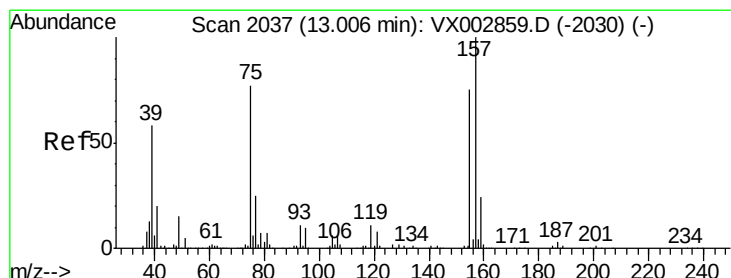
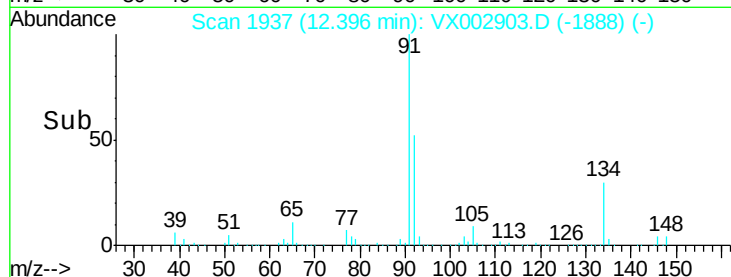
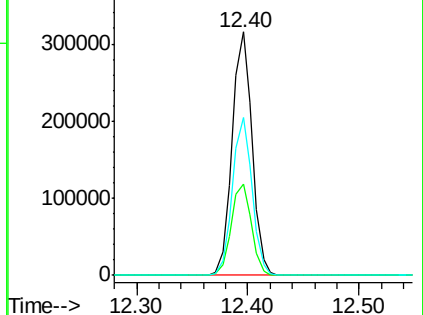
148 64.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.63 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002903.D

Acq: 26 Jun 2018 19:18

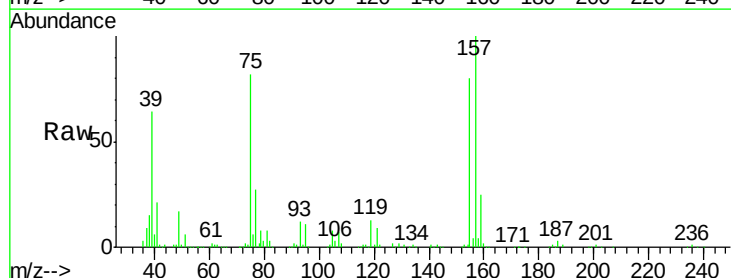
Tgt Ion: 75 Resp: 50334

Ion Ratio Lower Upper

75 100

155 94.7 45.8 137.4

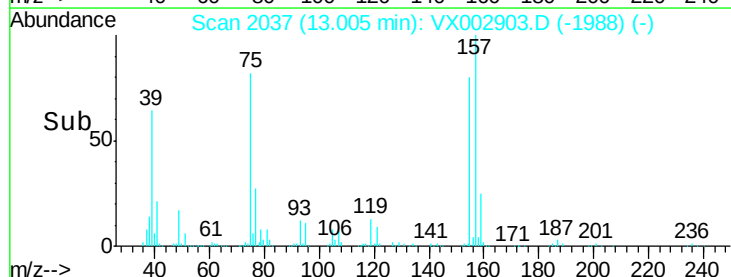
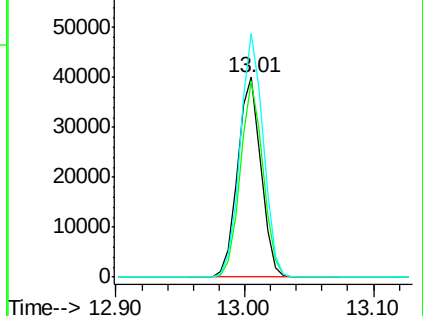
157 119.8 60.1 180.3

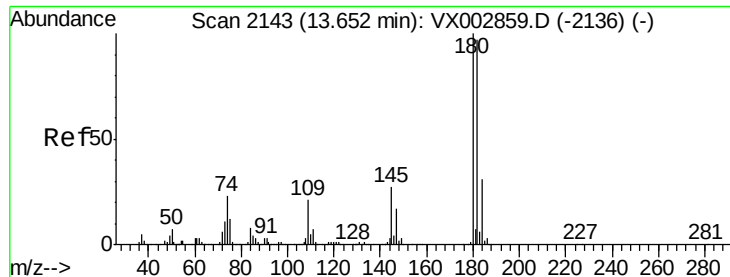


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

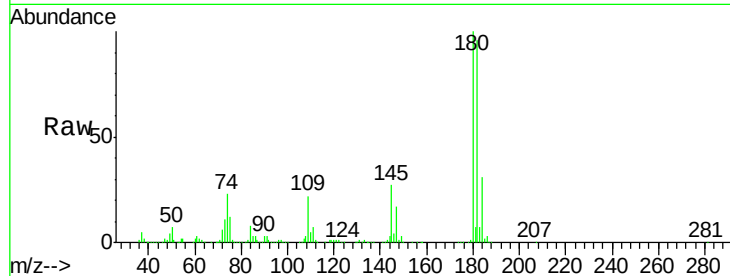




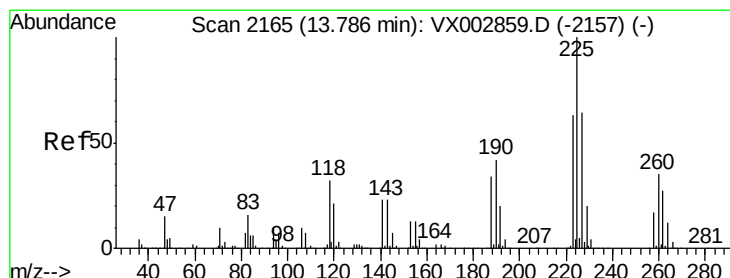
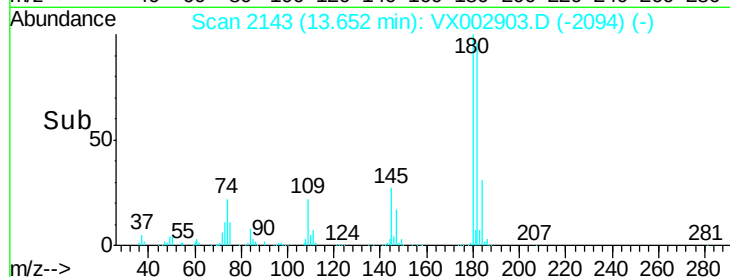
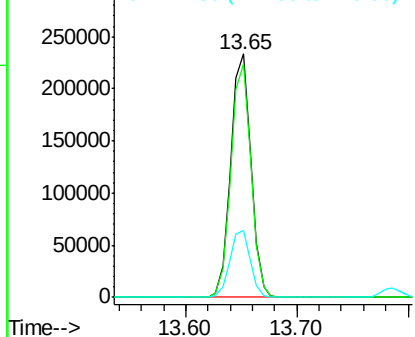
#93
 1,2,4-Trichlorobenzene
 Concen: 49.97 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 291378
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 27.9 14.1 42.4

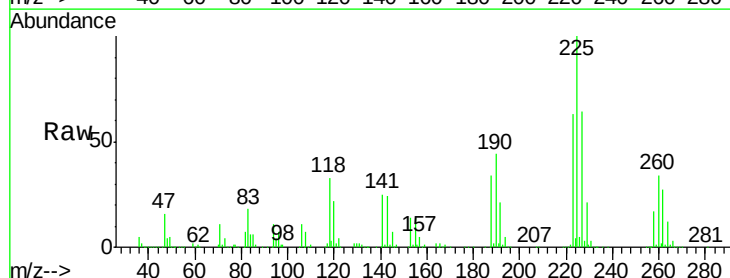


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

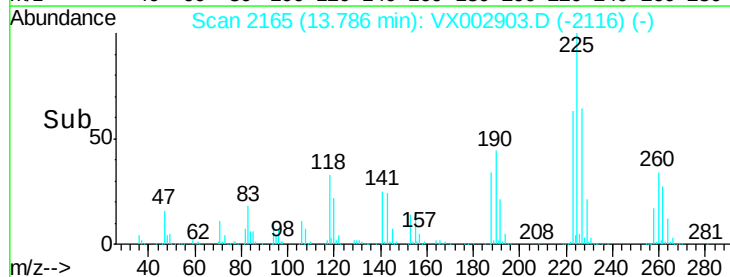
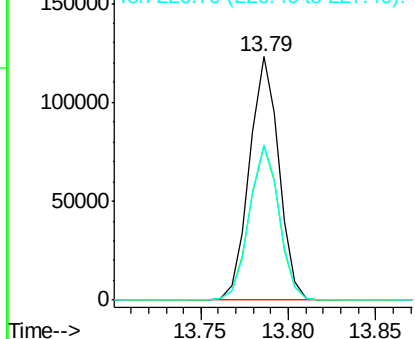


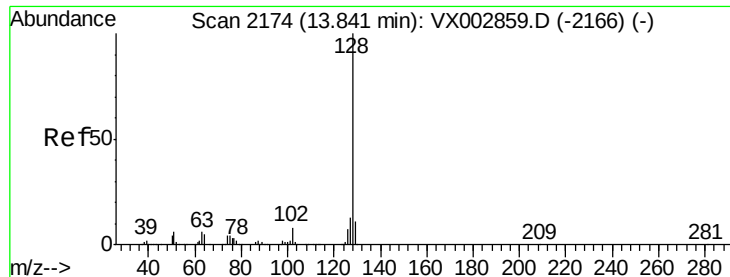
#94
 Hexachlorobutadiene
 Concen: 49.72 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002903.D
 Acq: 26 Jun 2018 19:18

Tgt Ion:225 Resp: 144591
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.6 95.0
 227 64.2 32.4 97.2



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

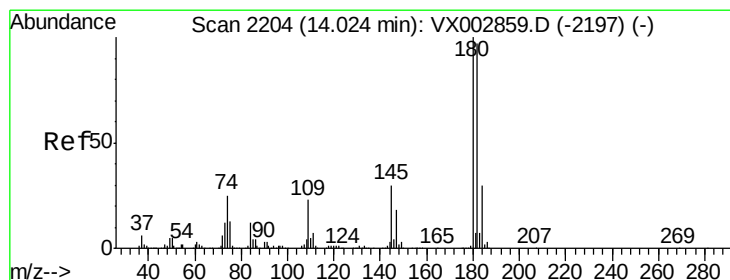
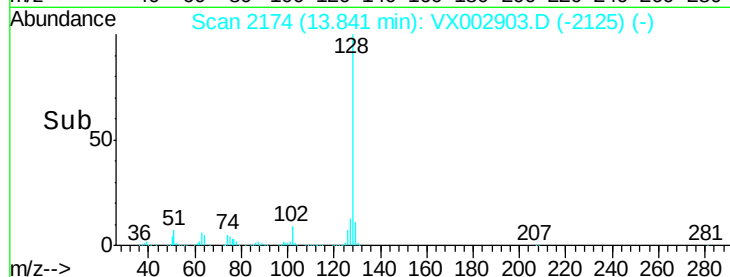
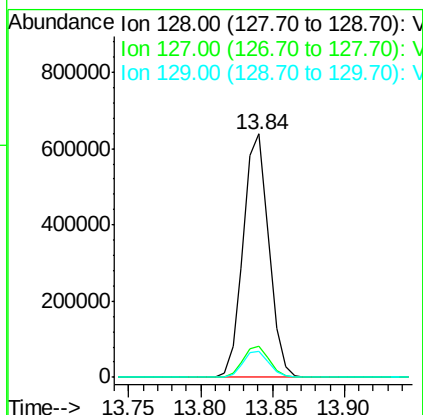
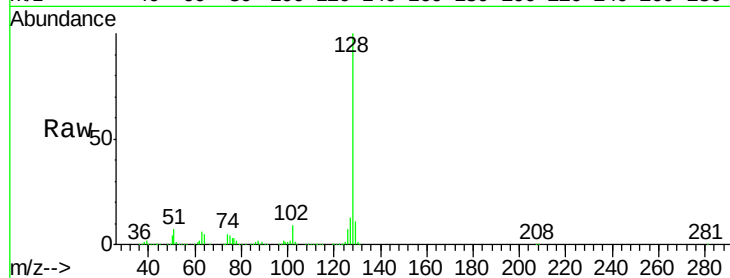




#95
Naphthalene
Concen: 50.61 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 785901
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.79 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002903.D
Acq: 26 Jun 2018 19:18

Tgt Ion:180 Resp: 289943
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 29.8 14.8 44.3

