

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002893.D
 Acq On : 26 Jun 2018 12:46
 Operator : JC/MD
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:36:19 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	280673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	205956	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	5.50	113	165158	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
50) Toluene-d8	8.72	98	609216	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	11.14	95	233299	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57876	22.93	ug/l	98
3) Chloromethane	1.32	50	60673	22.67	ug/l	100
4) Vinyl Chloride	1.40	62	69761	21.98	ug/l	91
5) Bromomethane	1.64	94	30198	18.68	ug/l	98
6) Chloroethane	1.72	64	45090	23.07	ug/l	98
7) Trichlorofluoromethane	1.93	101	124015	23.16	ug/l	100
8) Diethyl Ether	2.19	74	43276	22.23	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71912	23.18	ug/l	99
10) Methyl Iodide	2.51	142	36881	16.49	ug/l	99
11) Tert butyl alcohol	3.06	59	86980	112.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61455	22.20	ug/l	99
13) Acrolein	2.29	56	55120	130.70	ug/l	98
14) Allyl chloride	2.73	41	125604	23.02	ug/l	100
15) Acrylonitrile	3.15	53	185945	112.65	ug/l	99
16) Acetone	2.45	43	208293	129.65	ug/l	98
17) Carbon Disulfide	2.57	76	169877	23.03	ug/l	99
18) Methyl Acetate	2.78	43	109196	24.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	229793	23.09	ug/l	100
20) Methylene Chloride	2.86	84	71484	22.86	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	68149	22.60	ug/l	97
22) Diisopropyl ether	3.87	45	245695	23.56	ug/l	99
23) Vinyl Acetate	3.82	43	1025383	116.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131541	23.20	ug/l	100
25) 2-Butanone	4.70	43	283421	118.87	ug/l	97
26) 2,2-Dichloropropane	4.59	77	110919	24.06	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77739	23.00	ug/l	97
28) Bromochloromethane	5.02	49	64104	23.62	ug/l	95
29) Tetrahydrofuran	5.16	42	169275	110.71	ug/l	97
30) Chloroform	5.21	83	136616	23.48	ug/l	98
31) Cyclohexane	5.57	56	113978	23.43	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	122017	23.84	ug/l	99
36) 1,1-Dichloropropene	5.80	75	97035	23.43	ug/l	98
37) Ethyl Acetate	4.85	43	104208	23.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	108183	23.80	ug/l	96

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:36:19 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	115905	24.02	ug/l	97
40) Benzene	6.15	78	286118	23.77	ug/l	99
41) Methacrylonitrile	5.06	41	59977	23.36	ug/l	98
42) 1,2-Dichloroethane	6.20	62	113853	23.42	ug/l	100
43) Isopropyl Acetate	6.46	43	170989	22.86	ug/l	99
44) Trichloroethene	7.21	130	84267	23.49	ug/l	95
45) 1,2-Dichloropropane	7.52	63	76238	23.88	ug/l	97
46) Dibromomethane	7.67	93	52125	23.53	ug/l	98
47) Bromodichloromethane	7.90	83	99975	24.41	ug/l	96
48) Methyl methacrylate	7.78	41	89760	23.29	ug/l	98
49) 1,4-Dioxane	7.76	88	34789	463.99	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	556282	118.88	ug/l	99
52) Toluene	8.79	92	187936	24.38	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	114059	24.59	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	106150	23.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	76007	23.99	ug/l	98
56) Ethyl methacrylate	9.18	69	109749	23.70	ug/l	97
57) 1,3-Dichloropropane	9.37	76	123920	23.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	282222	126.35	ug/l	99
59) 2-Hexanone	9.50	43	432602	121.64	ug/l	99
60) Dibromochloromethane	9.59	129	81491	24.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79326	23.87	ug/l	99
64) Tetrachloroethene	9.34	164	93353	23.35	ug/l	96
65) Chlorobenzene	10.14	112	217488	23.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	80867	24.37	ug/l	98
67) Ethyl Benzene	10.26	91	371936	24.65	ug/l	98
68) m/p-Xylenes	10.36	106	285621	49.12	ug/l	100
69) o-Xylene	10.70	106	137854	24.35	ug/l	99
70) Styrene	10.71	104	224376	24.39	ug/l	99
71) Bromoform	10.86	173	63463	23.42	ug/l #	98
73) Isopropylbenzene	11.02	105	380822	24.50	ug/l	100
74) N-amyl acetate	6.46	43	170989	22.48	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	113137	23.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	124278	29.69	ug/l	80
77) Bromobenzene	11.26	156	104564	23.62	ug/l	98
78) n-propylbenzene	11.36	91	437403	24.72	ug/l	100
79) 2-Chlorotoluene	11.42	91	258573	24.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	322572	24.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	28313	21.67	ug/l	97
82) 4-Chlorotoluene	11.51	91	309767	24.42	ug/l	100
83) tert-Butylbenzene	11.77	119	315653	24.46	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	333501	24.58	ug/l	98
85) sec-Butylbenzene	11.95	105	388104	24.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	348926	24.79	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	192981	23.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	197537	23.74	ug/l	100
89) n-Butylbenzene	12.39	91	303051	24.74	ug/l	99
90) Hexachloroethane	12.60	117	48425	23.13	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	193464	23.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23633	21.95	ug/l	98

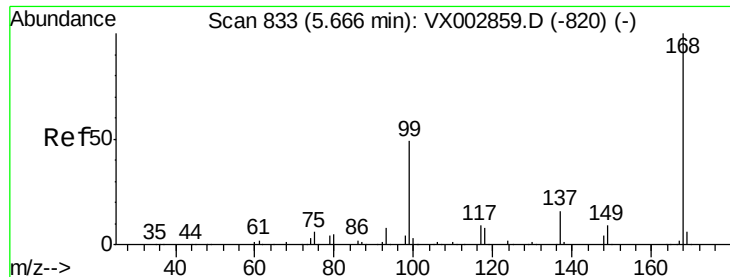
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062618\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142255	23.95	ug/l	98
94) Hexachlorobutadiene	13.79	225	72227	24.38	ug/l	99
95) Naphthalene	13.84	128	380979	24.08	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	144386	24.34	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

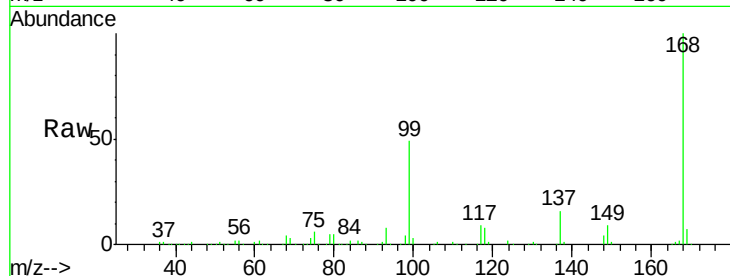
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 280673

Ion Ratio Lower Upper

168 100

99 48.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

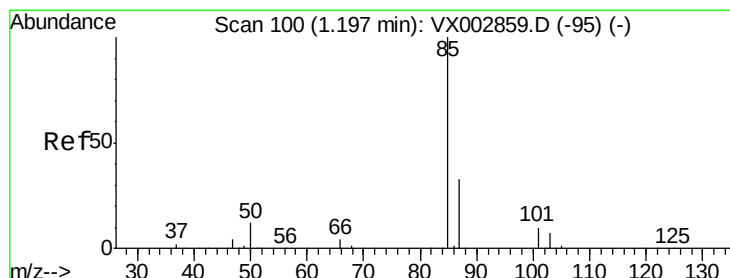
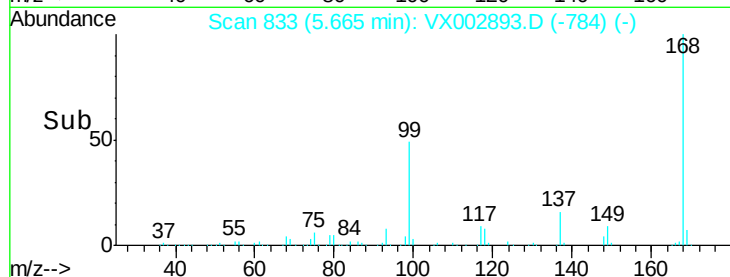
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 22.93 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002893.D

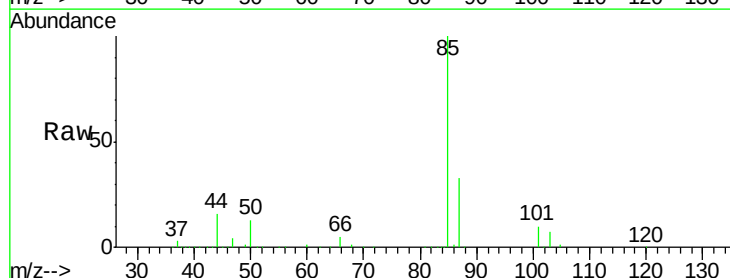
Acq: 26 Jun 2018 12:46

Tgt Ion: 85 Resp: 57876

Ion Ratio Lower Upper

85 100

87 32.9 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

60000

40000

20000

0

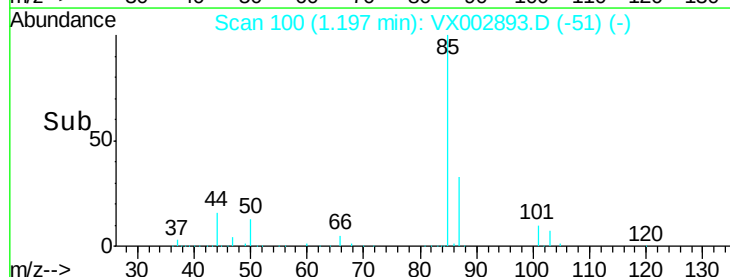
Time-->

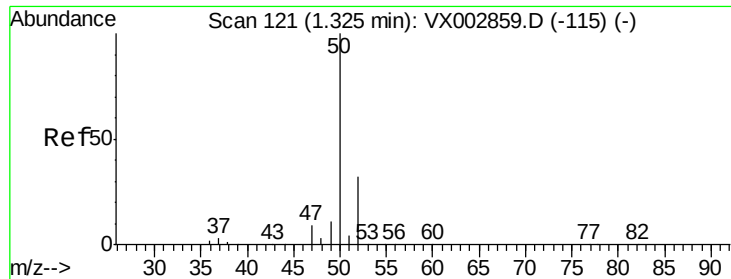
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 22.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

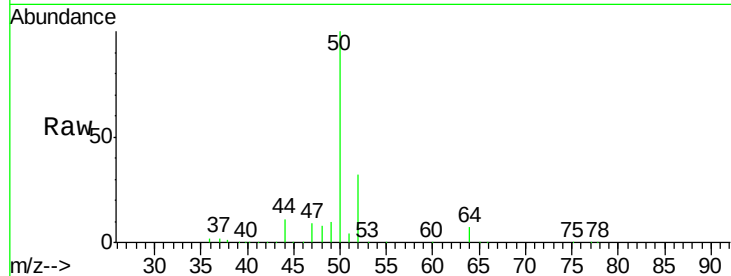
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 60673

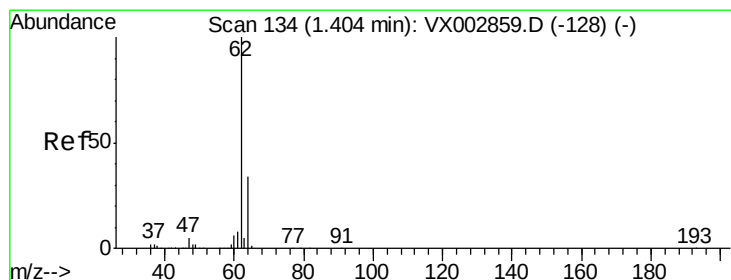
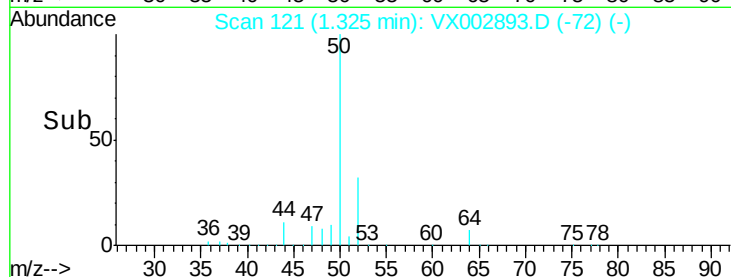
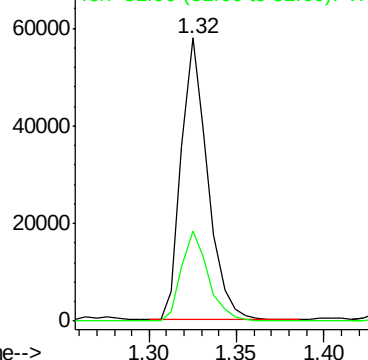
Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002893.D

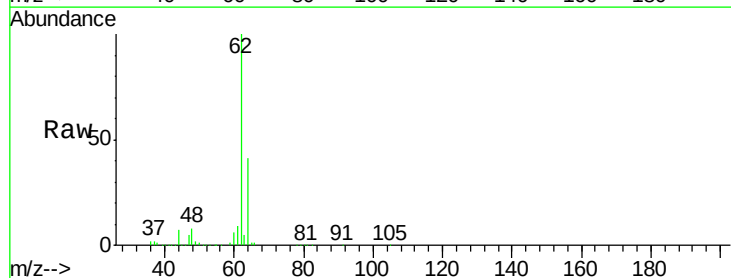
Acq: 26 Jun 2018 12:46

Tgt Ion: 62 Resp: 69761

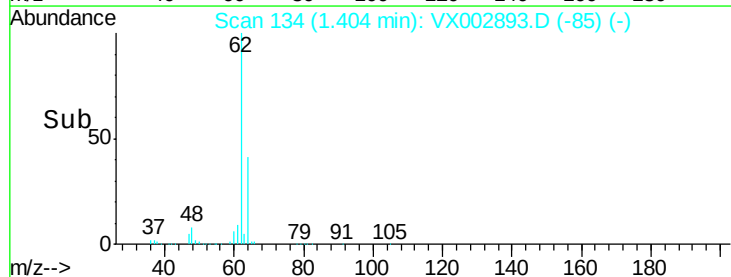
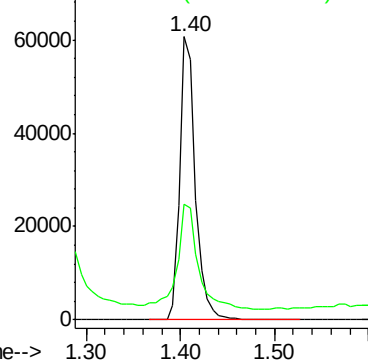
Ion Ratio Lower Upper

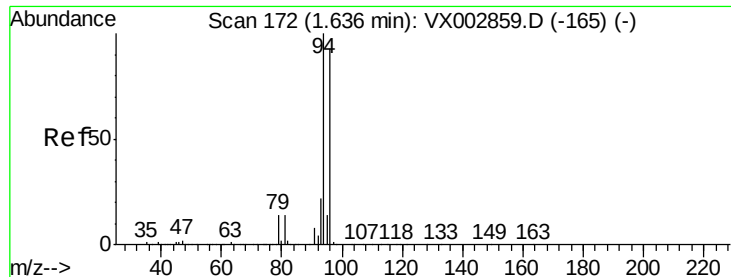
62 100

64 36.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

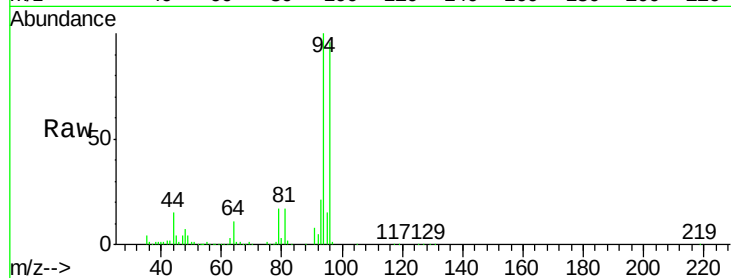
ClientSampleId :

Tot Ion: 94 Resp: 30198

Ion Ratio Lower Upper

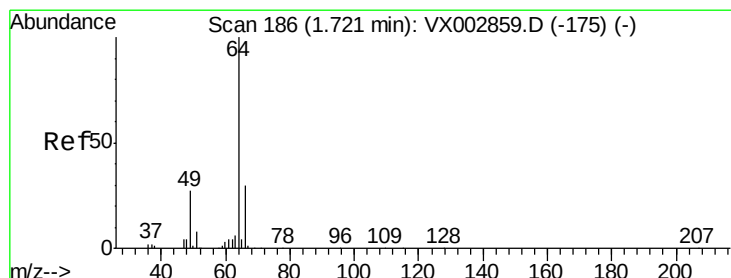
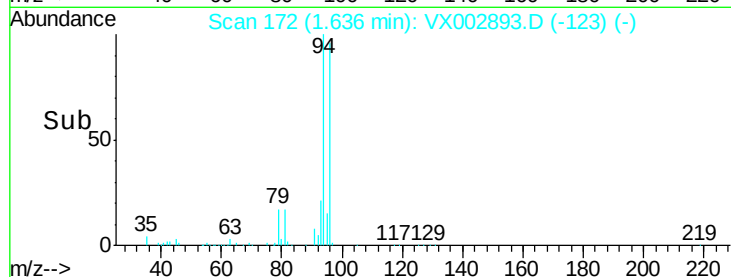
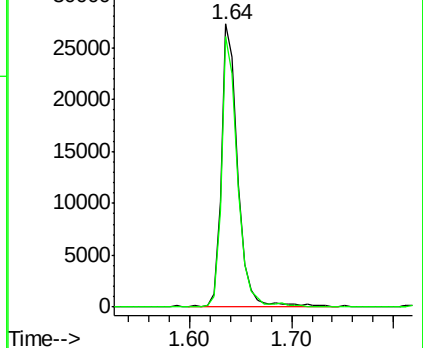
94 100

96 95.7 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: 23.07 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002893.D

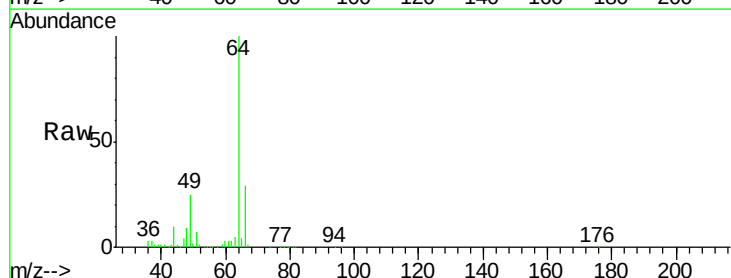
Acq: 26 Jun 2018 12:46

Tgt Ion: 64 Resp: 45090

Ion Ratio Lower Upper

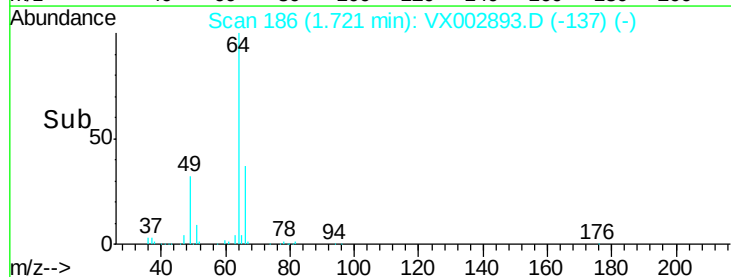
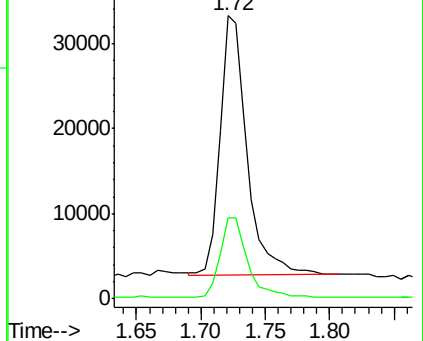
64 100

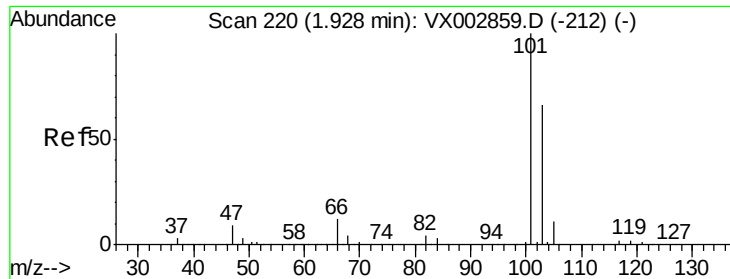
66 30.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



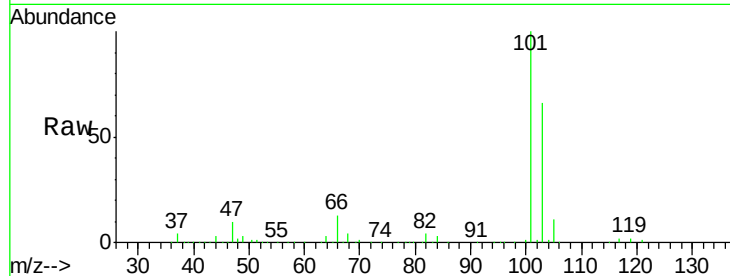


#7

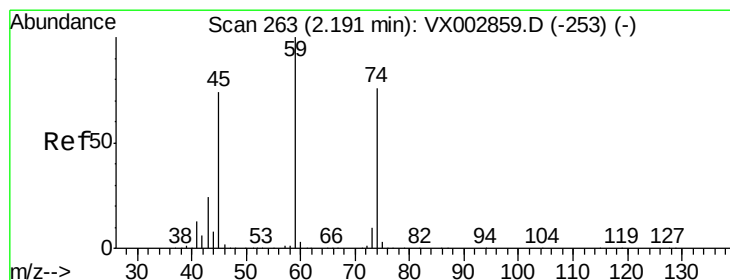
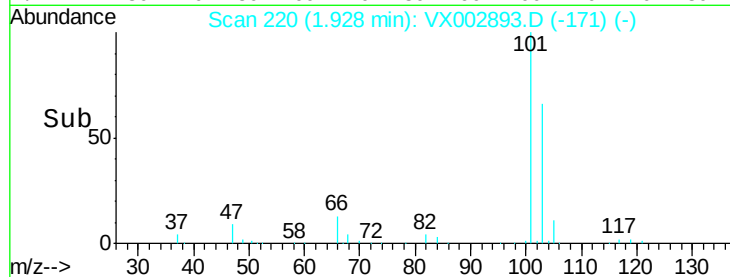
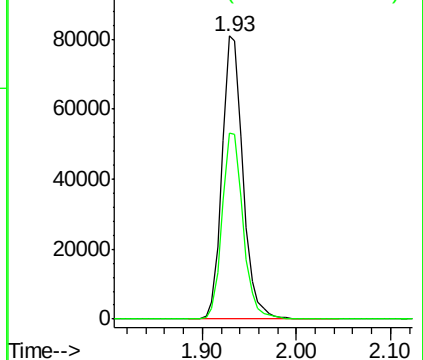
Trichlorofluoromethane
Concen: 23.16 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 124015
Ion Ratio Lower Upper
101 100
103 65.8 52.8 79.2



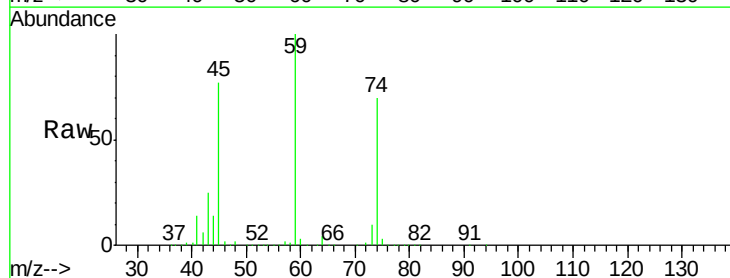
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



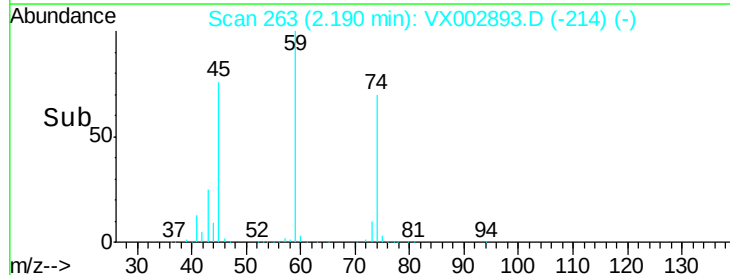
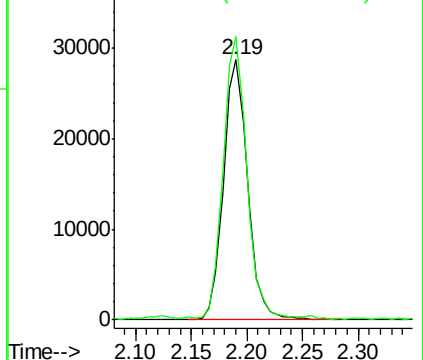
#8

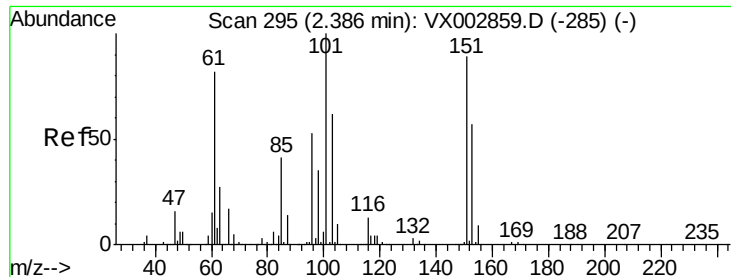
Diethyl Ether
Concen: 22.23 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 74 Resp: 43276
Ion Ratio Lower Upper
74 100
45 103.9 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: 23.18 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

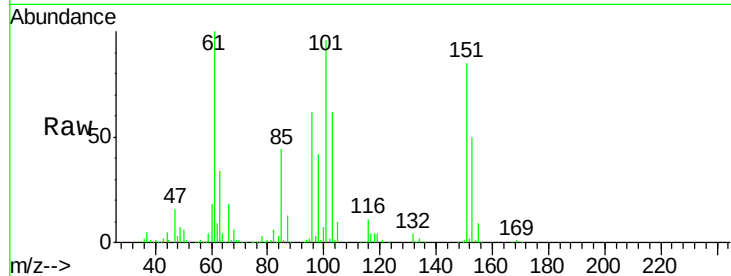
Tot Ion:101 Resp: 71912

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

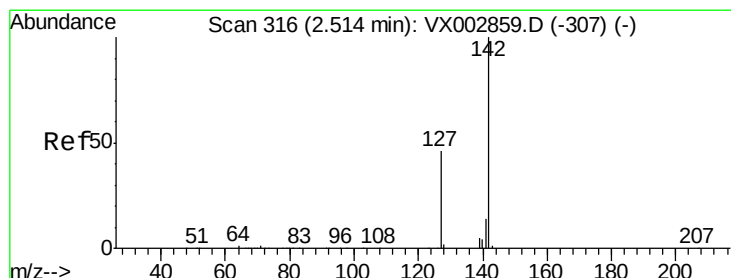
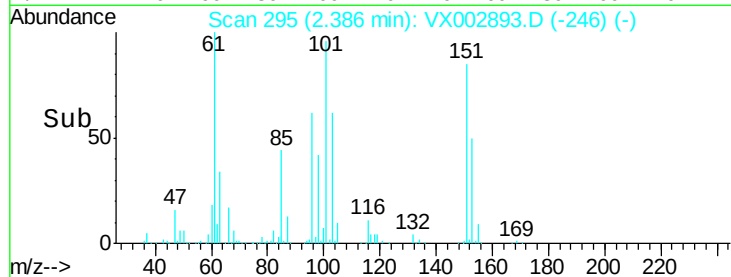
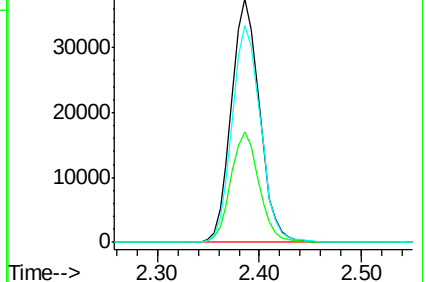
151 89.6 70.9 106.3



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: 16.49 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

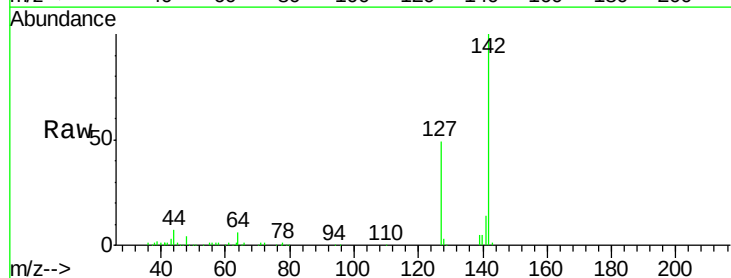
Tgt Ion:142 Resp: 36881

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

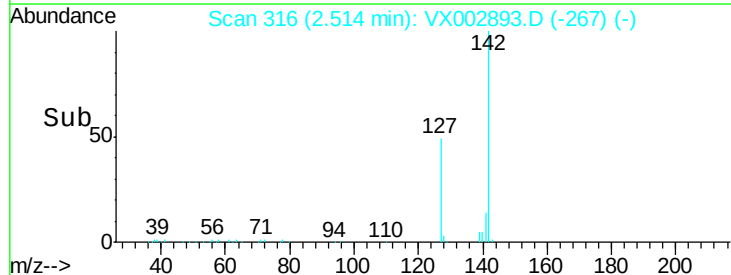
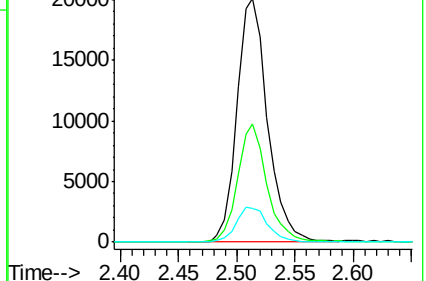
141 14.8 11.3 16.9

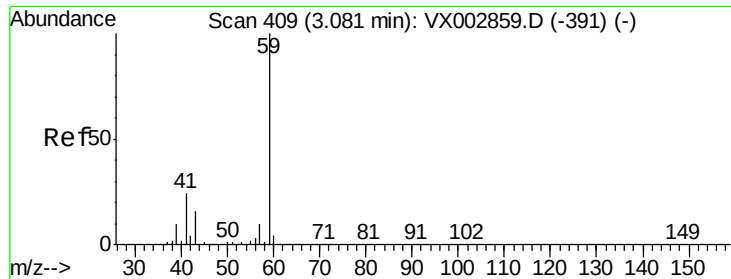


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



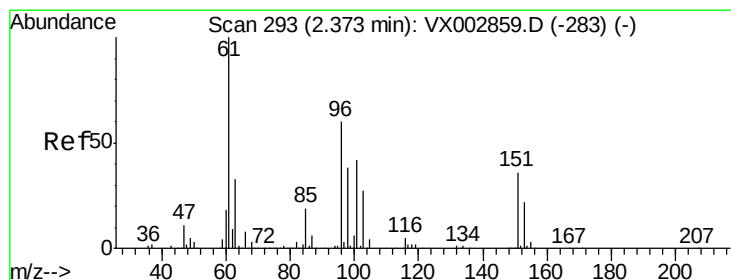
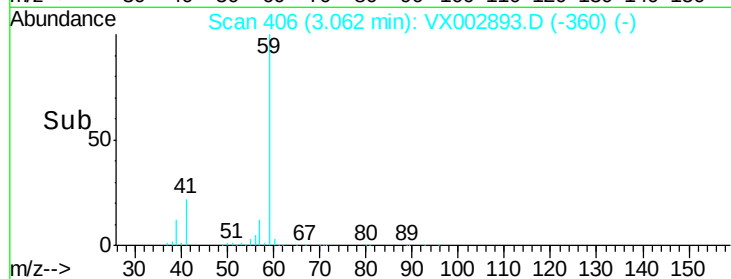
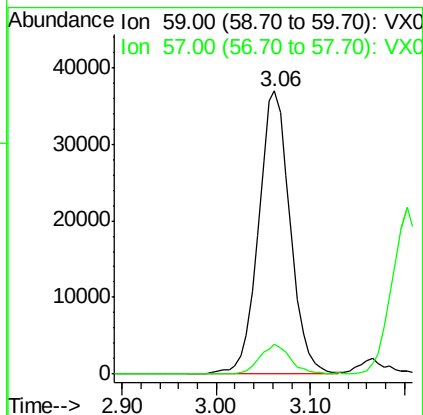
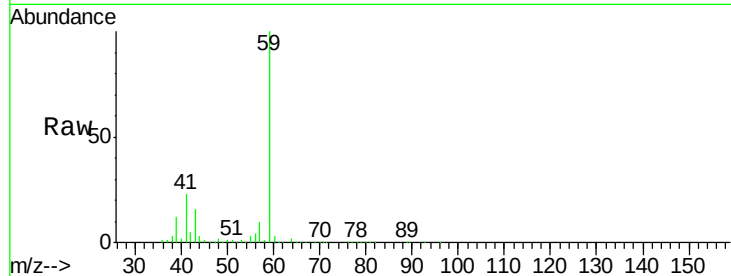


#11

Tert butyl alcohol
 Concen: 112.55 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :

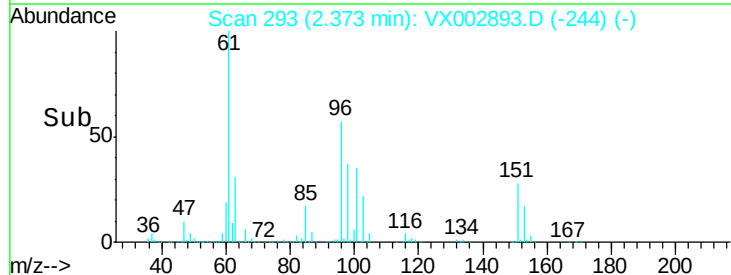
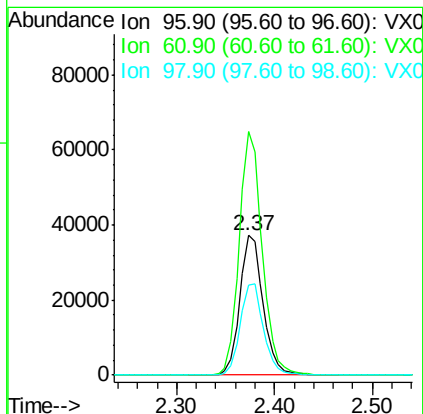
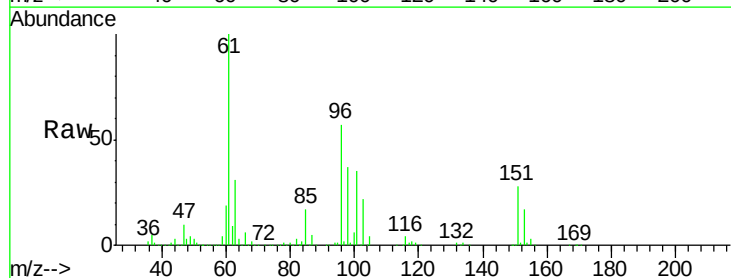
Tot Ion: 59 Resp: 86980
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

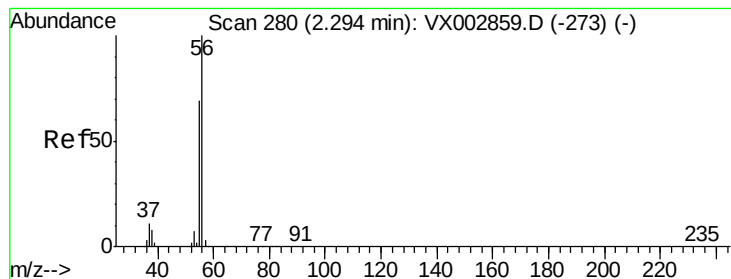


#12

1,1-Dichloroethene
 Concen: 22.20 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion: 96 Resp: 61455
 Ion Ratio Lower Upper
 96 100
 61 174.3 137.9 206.9
 98 64.5 51.6 77.4





#13

Acrolein

Concen: 130.70 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

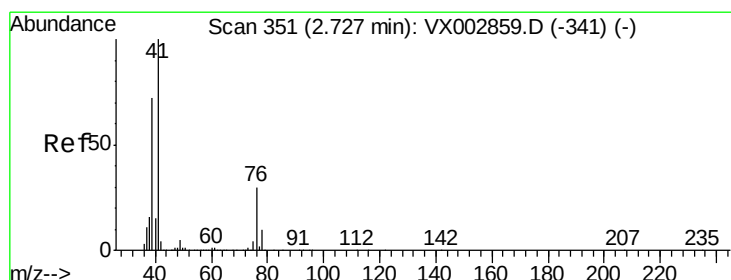
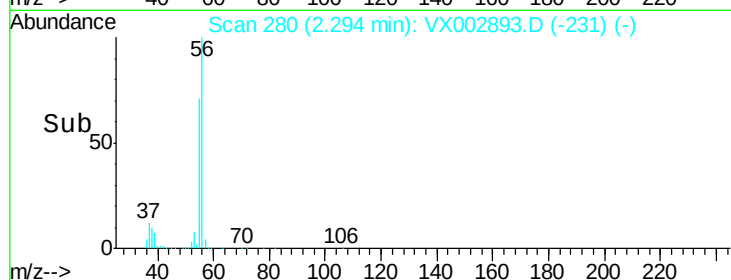
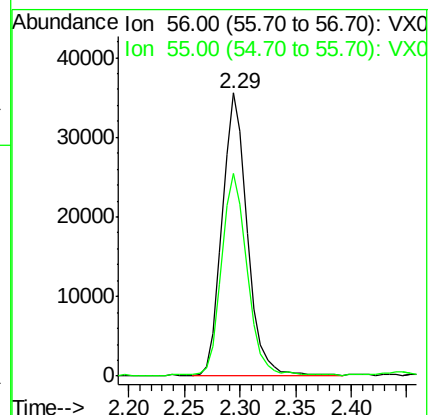
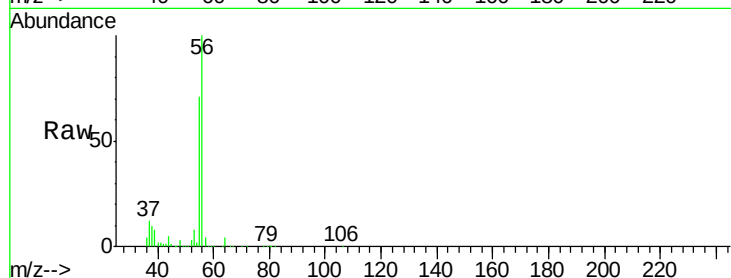
ClientSampleId :

Tot Ion: 56 Resp: 55120

Ion Ratio Lower Upper

56 100

55 73.2 57.0 85.4



#14

Allyl chloride

Concen: 23.02 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

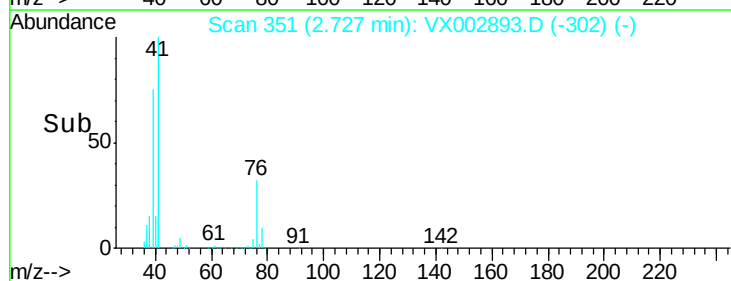
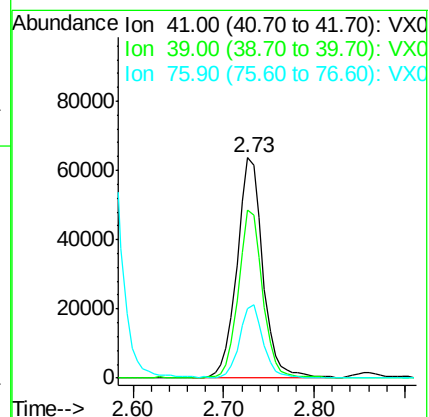
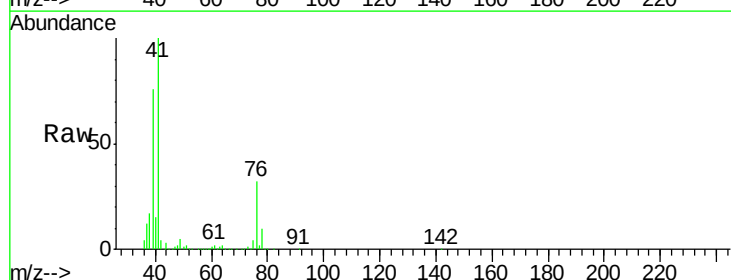
Tgt Ion: 41 Resp: 125604

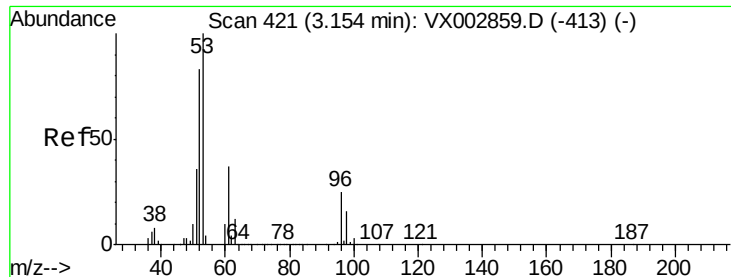
Ion Ratio Lower Upper

41 100

39 71.1 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 112.65 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :

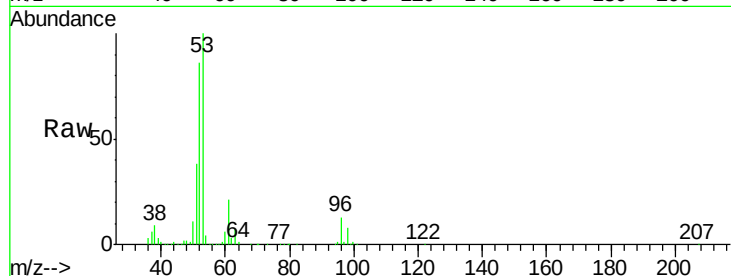
Tot Ion: 53 Resp: 185945

Ion Ratio Lower Upper

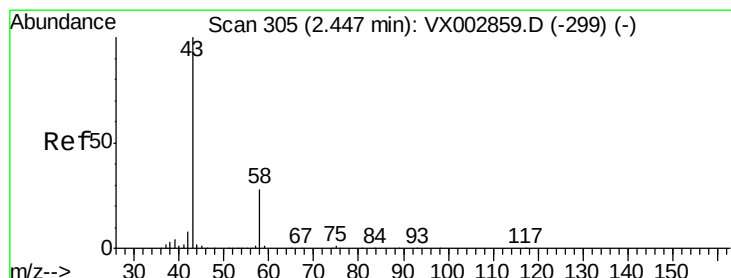
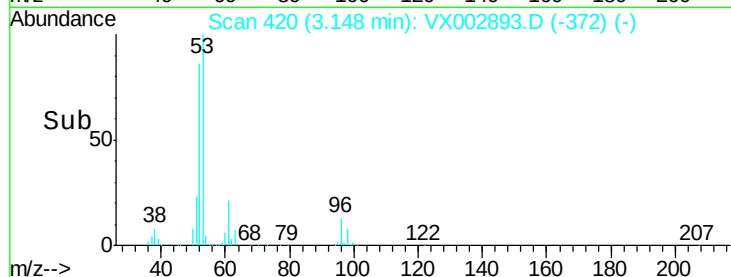
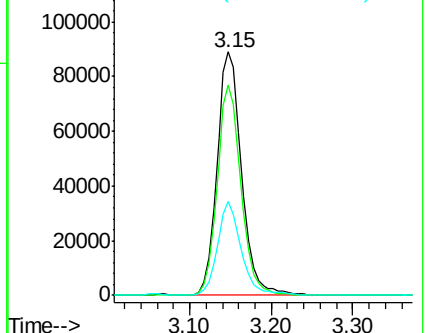
53 100

52 84.4 66.7 100.1

51 37.2 29.9 44.9



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



#16

Acetone

Concen: 129.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002893.D

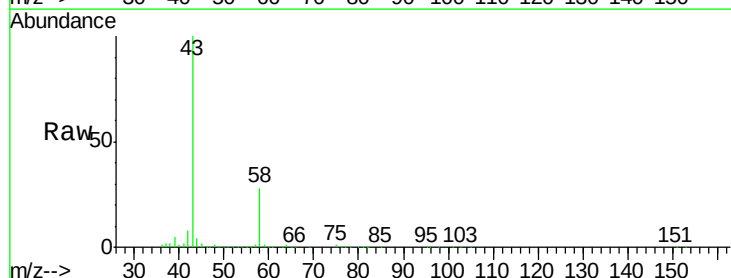
Acq: 26 Jun 2018 12:46

Tgt Ion: 43 Resp: 208293

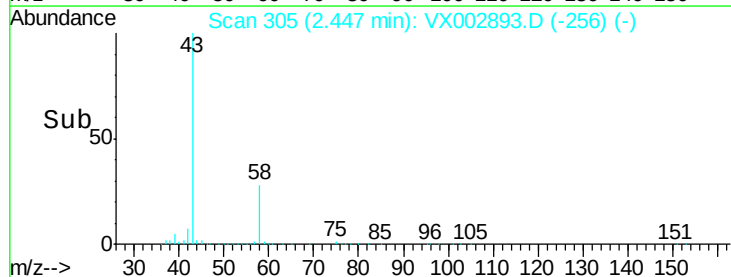
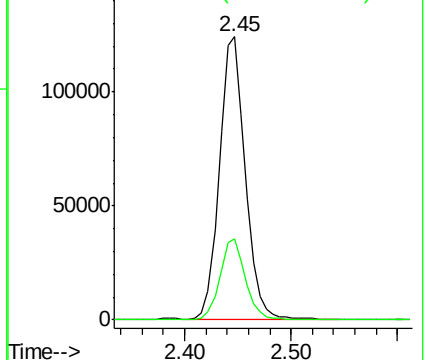
Ion Ratio Lower Upper

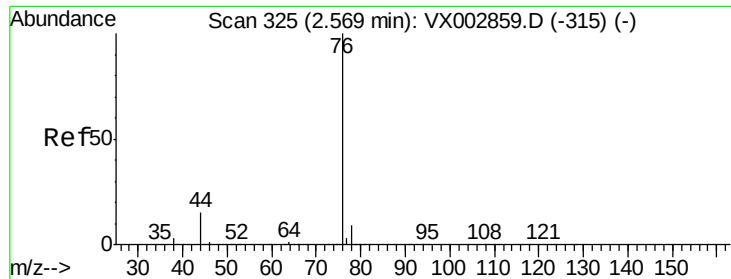
43 100

58 28.4 22.1 33.1



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





#17

Carbon Disulfide

Concen: 23.03 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

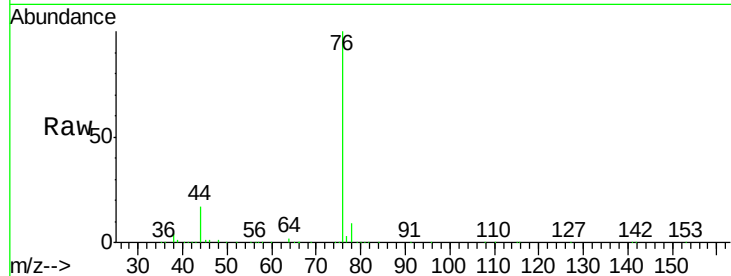
ClientSampled :

Tot Ion: 76 Resp: 169877

Ion Ratio Lower Upper

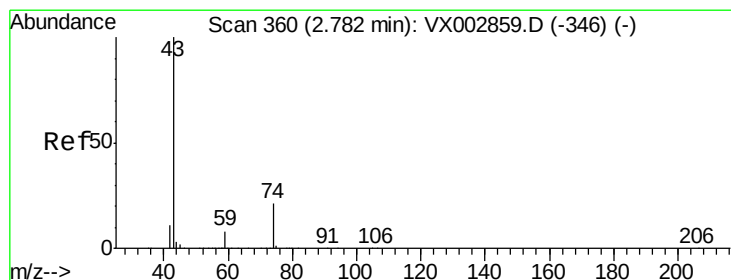
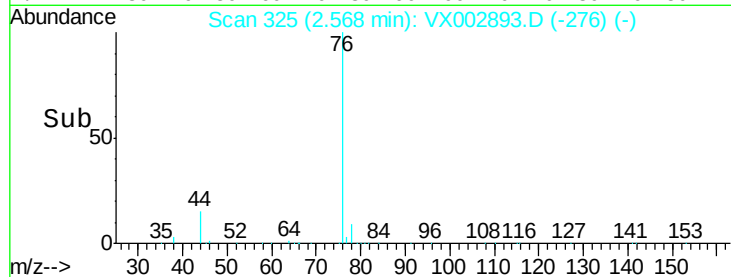
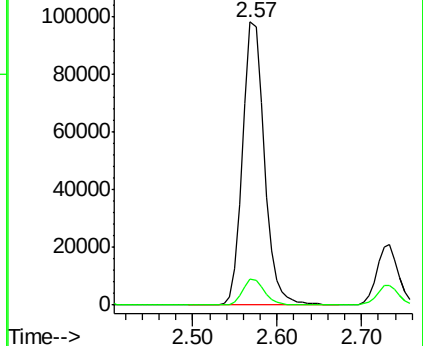
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.31 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002893.D

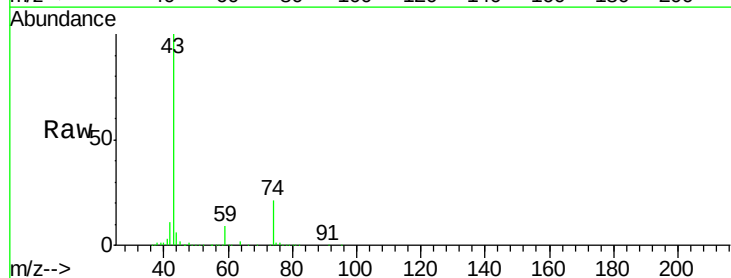
Acq: 26 Jun 2018 12:46

Tgt Ion: 43 Resp: 109196

Ion Ratio Lower Upper

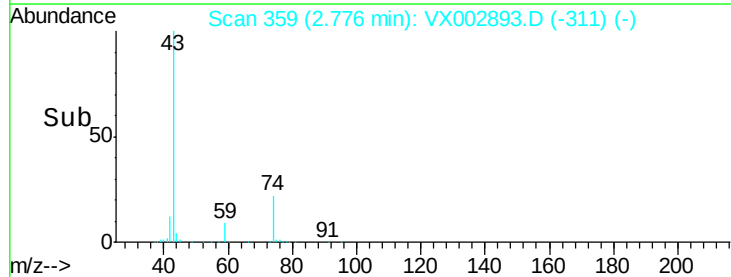
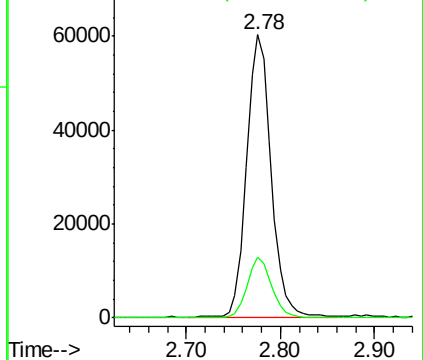
43 100

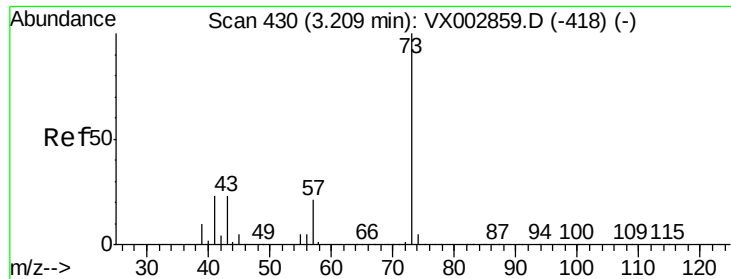
74 21.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

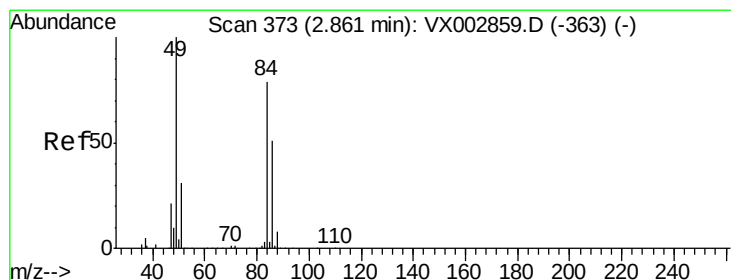
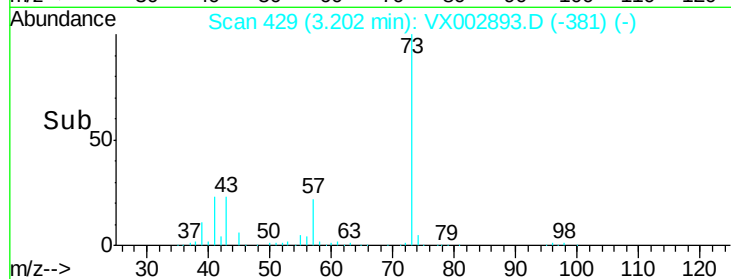
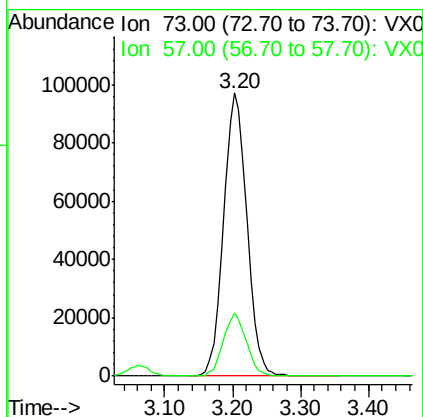
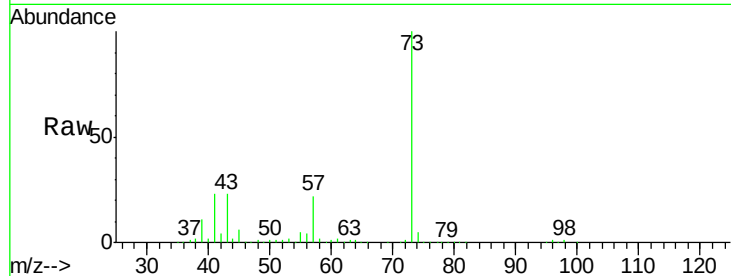




#19
Methyl tert-butyl Ether
Concen: 23.09 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

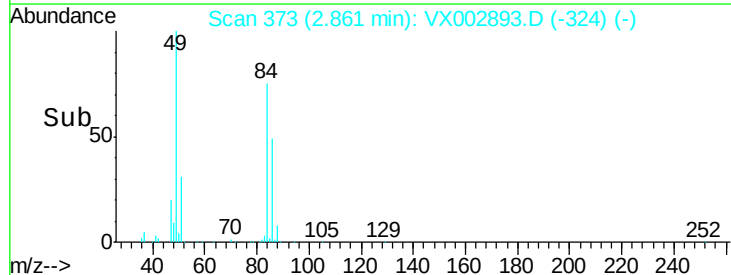
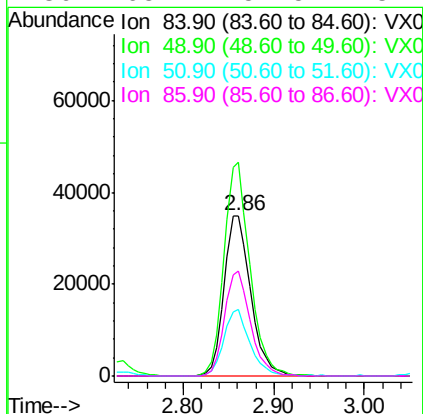
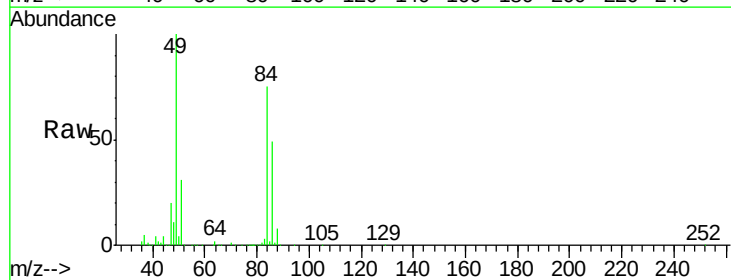
Instrument :
MSVOA_X
ClientSampled :

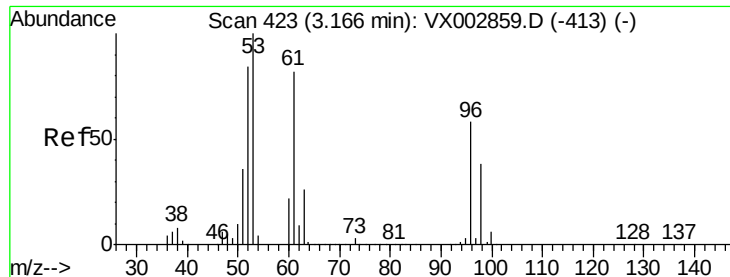
Tot Ion: 73 Resp: 229793
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 22.86 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 84 Resp: 71484
Ion Ratio Lower Upper
84 100
49 132.9 107.8 161.6
51 41.8 32.8 49.2
86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 22.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

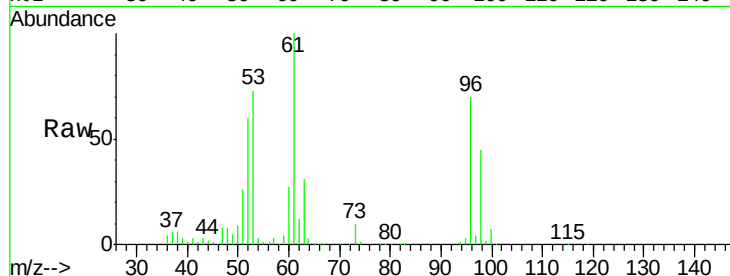
Tot Ion: 96 Resp: 68149

Ion Ratio Lower Upper

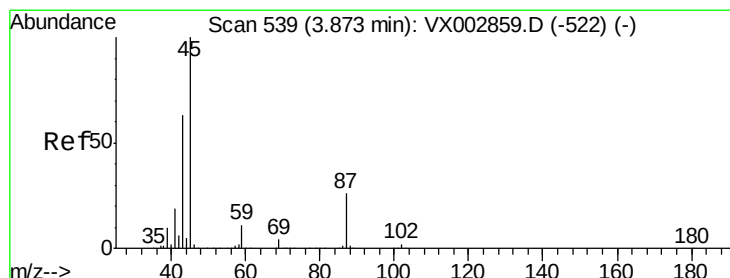
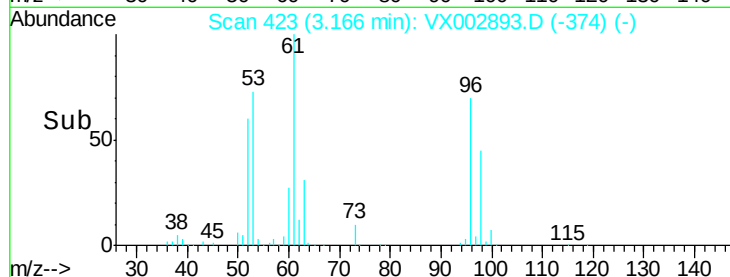
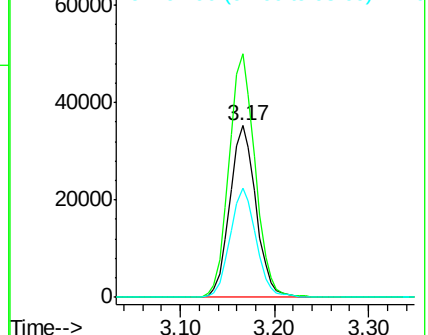
96 100

61 141.9 117.0 175.4

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: 23.56 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion: 45 Resp: 245695

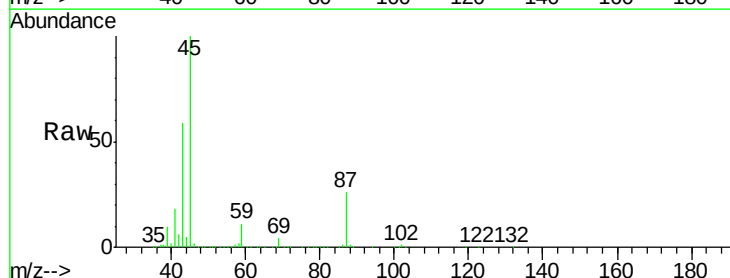
Ion Ratio Lower Upper

45 100

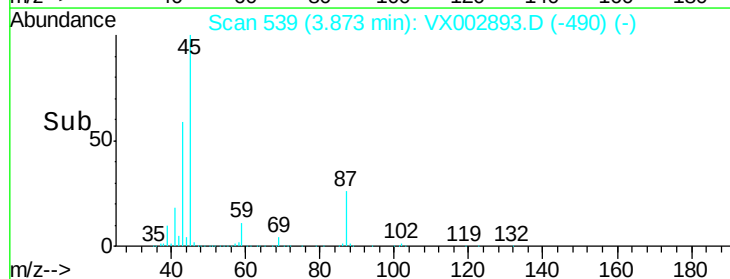
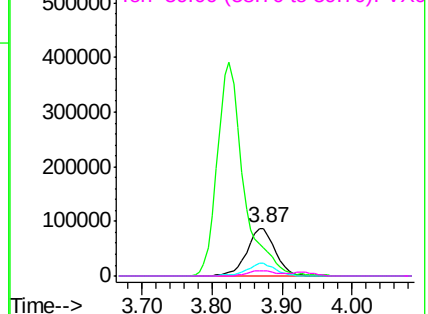
43 58.9 46.8 70.2

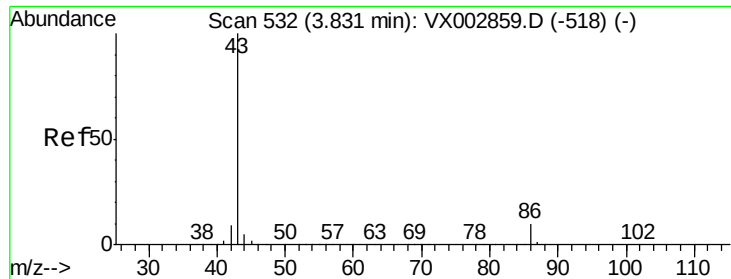
87 25.6 20.2 30.4

59 11.3 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: 116.10 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

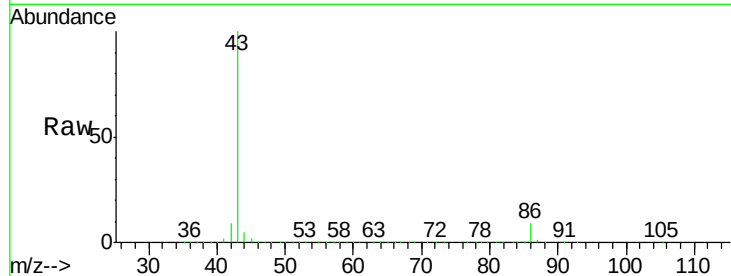
ClientSampleId :

Tot Ion: 43 Resp: 1025383

Ion Ratio Lower Upper

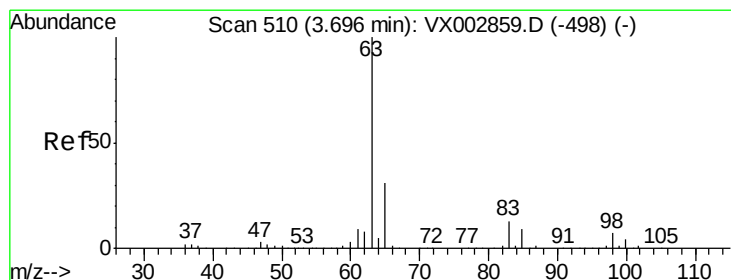
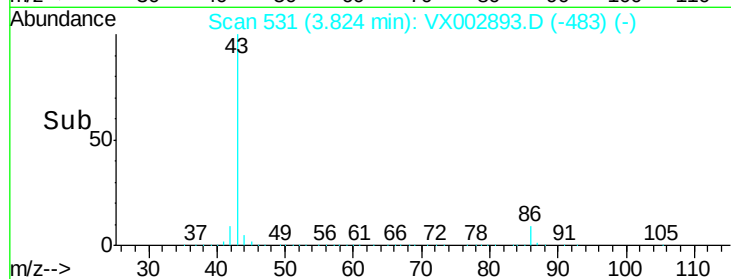
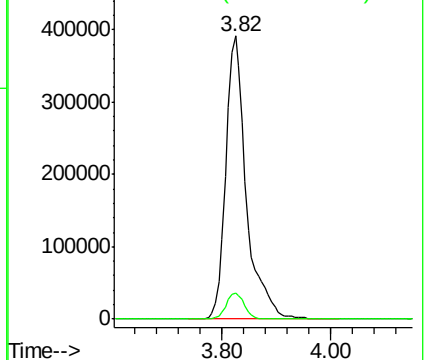
43 100

86 9.2 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: 23.20 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

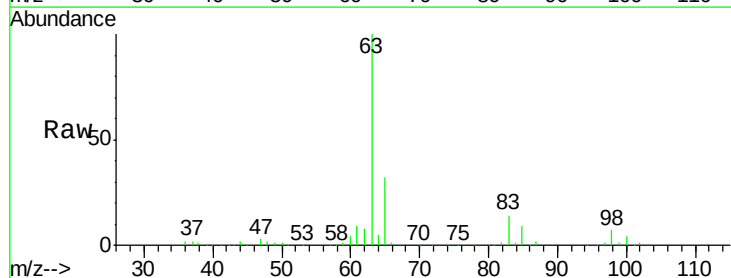
Tgt Ion: 63 Resp: 131541

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

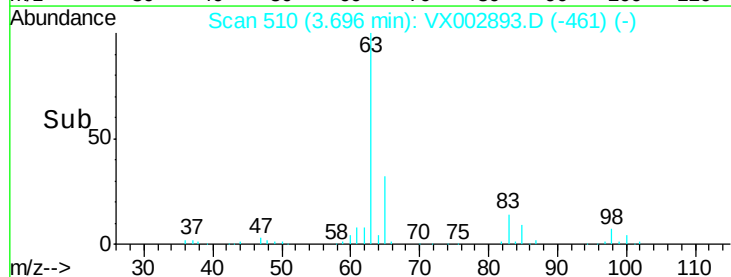
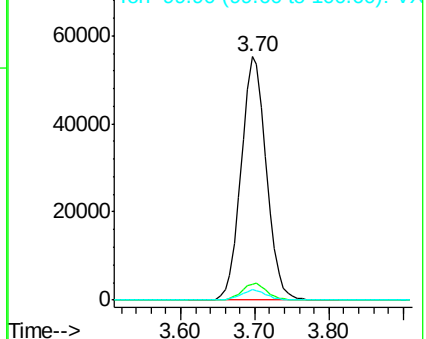
100 4.1 2.0 6.0

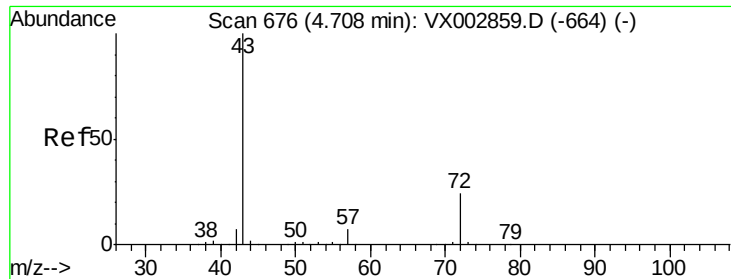


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 118.87 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

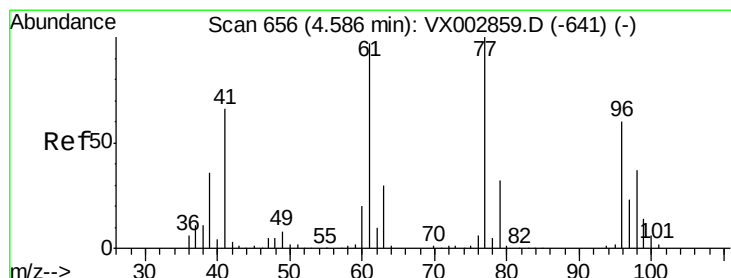
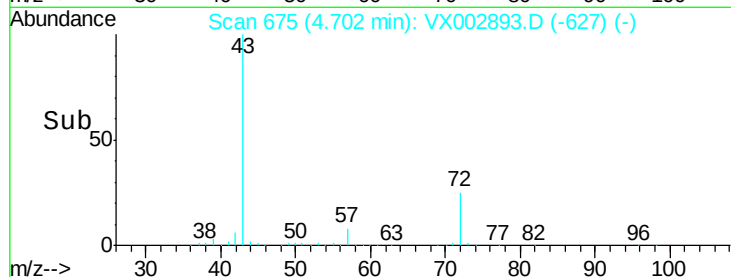
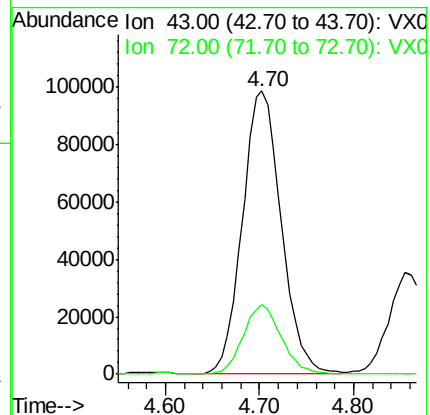
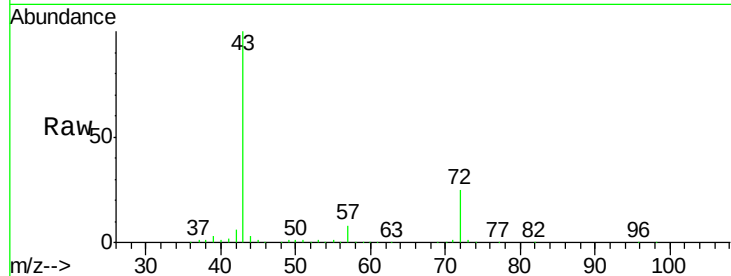
ClientSampled :

Tot Ion: 43 Resp: 283421

Ion Ratio Lower Upper

43 100

72 24.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 24.06 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002893.D

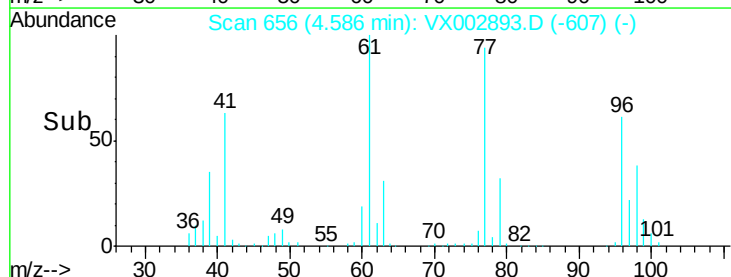
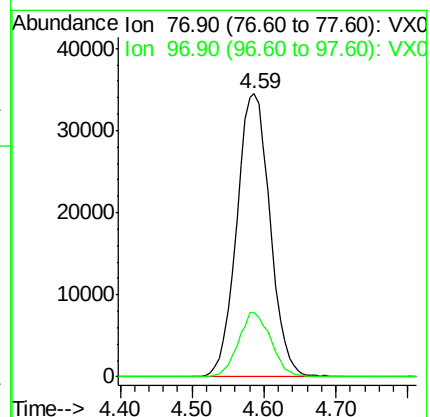
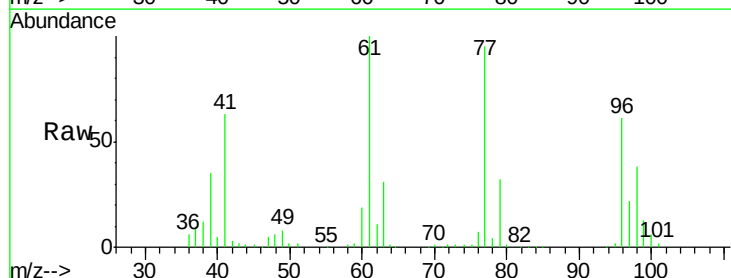
Acq: 26 Jun 2018 12:46

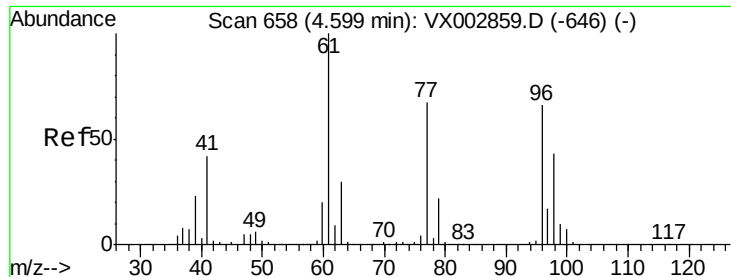
Tgt Ion: 77 Resp: 110919

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



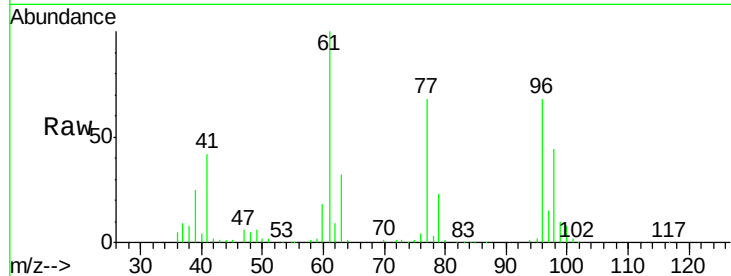


#27

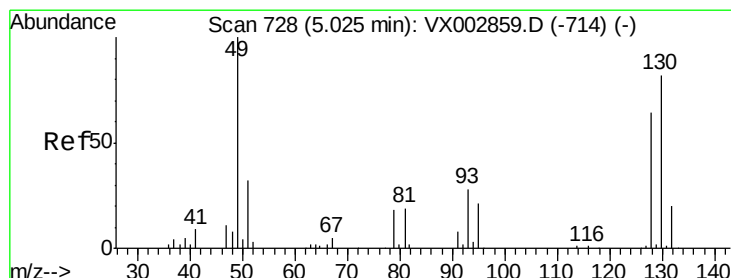
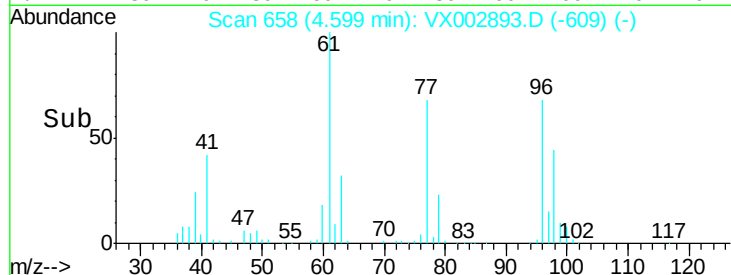
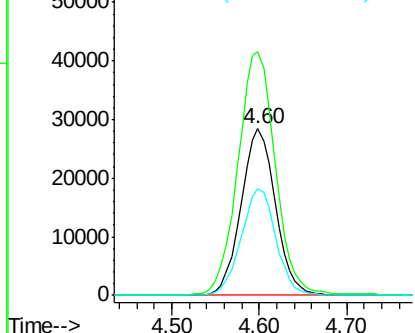
cis-1,2-Dichloroethene
Concen: 23.00 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 77739
Ion Ratio Lower Upper
96 100
61 159.7 0.0 330.2
98 64.7 0.0 130.2



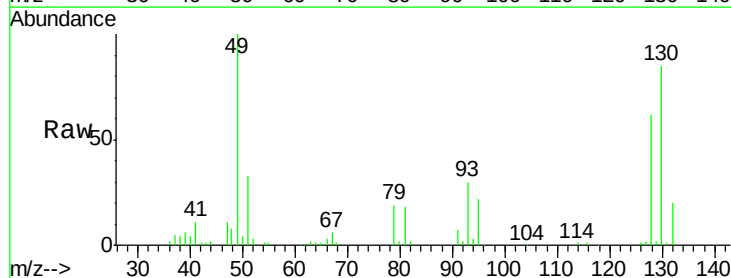
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



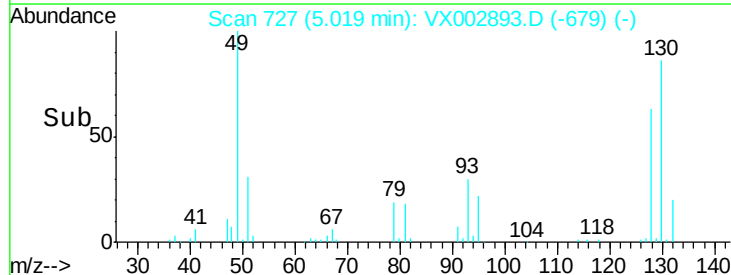
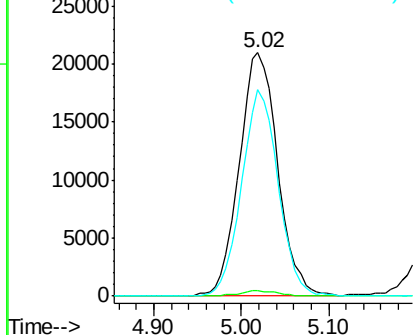
#28

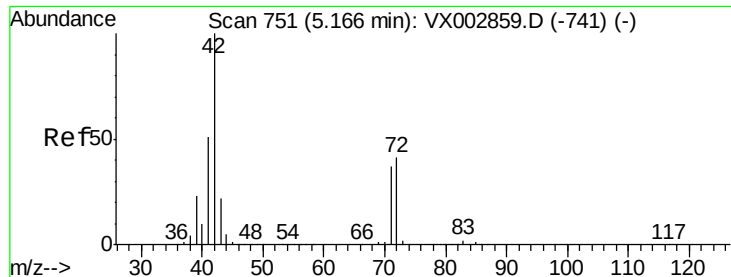
Bromochloromethane
Concen: 23.62 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 49 Resp: 64104
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 80.7 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

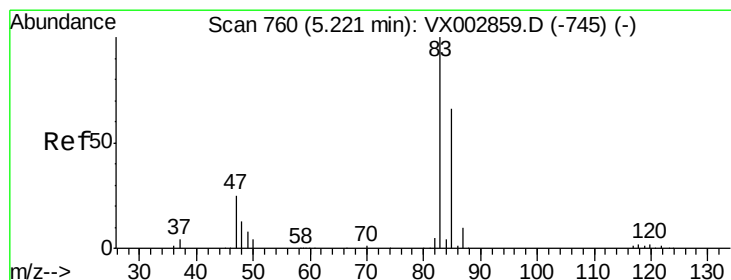
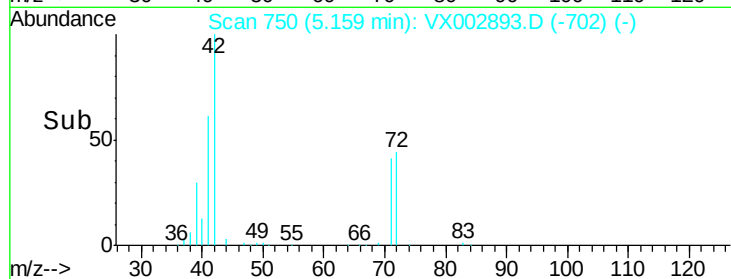
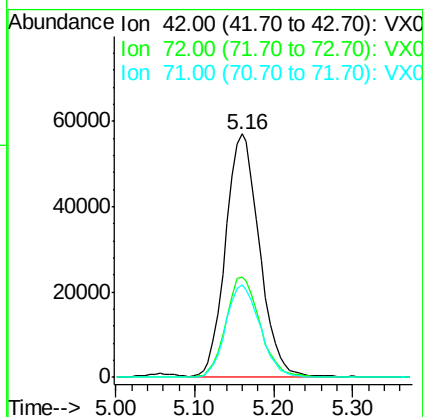
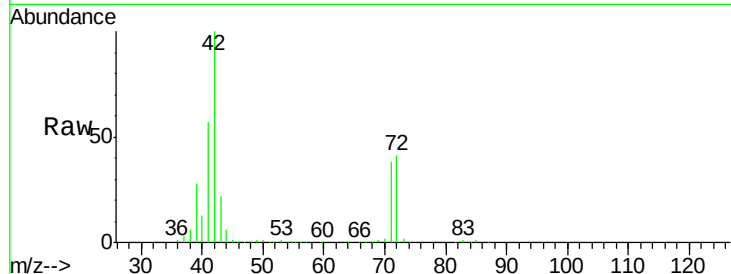




#29
Tetrahydrofuran
Concen: 110.71 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

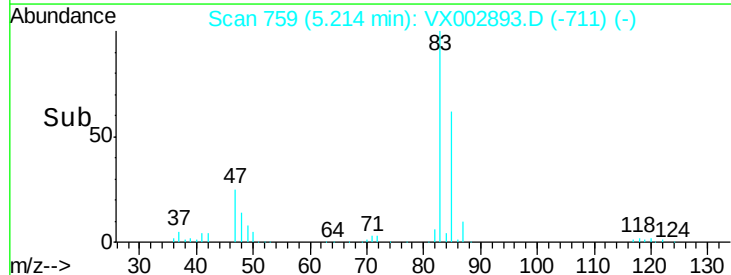
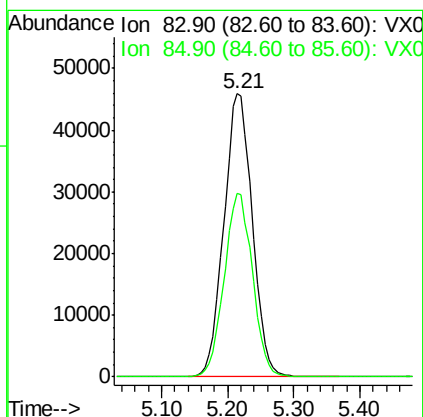
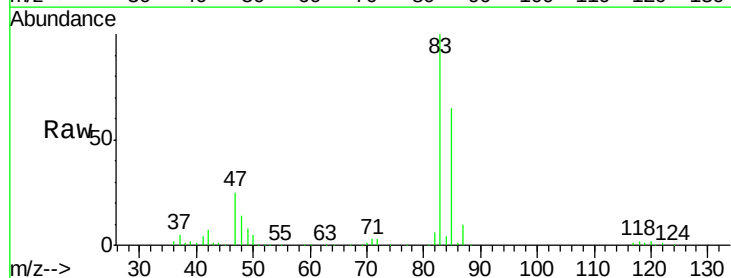
Instrument :
MSVOA_X
ClientSampleId :

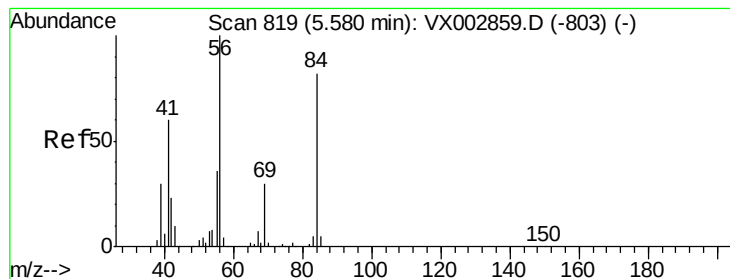
Tot Ion: 42 Resp: 169275
Ion Ratio Lower Upper
42 100
72 41.9 32.0 48.0
71 38.8 30.1 45.1



#30
Chloroform
Concen: 23.48 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 83 Resp: 136616
Ion Ratio Lower Upper
83 100
85 64.7 50.4 75.6





#31

Cyclohexane

Concen: 23.43 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

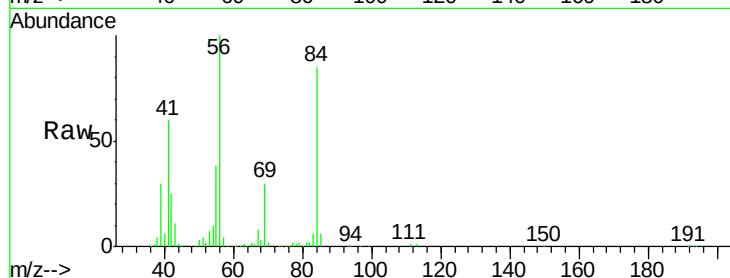
Tot Ion: 56 Resp: 113978

Ion Ratio Lower Upper

56 100

69 30.0 23.7 35.5

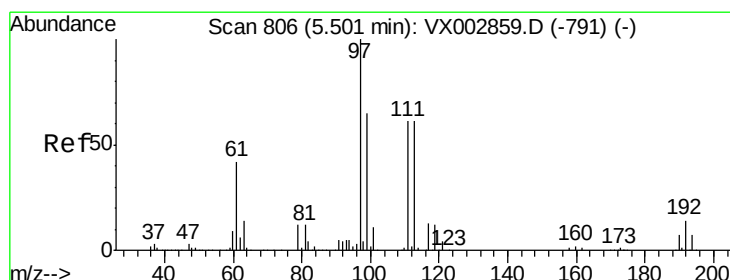
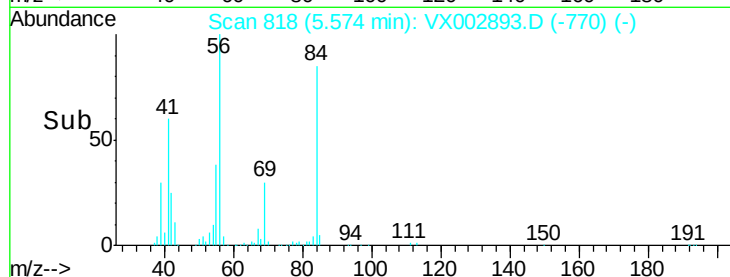
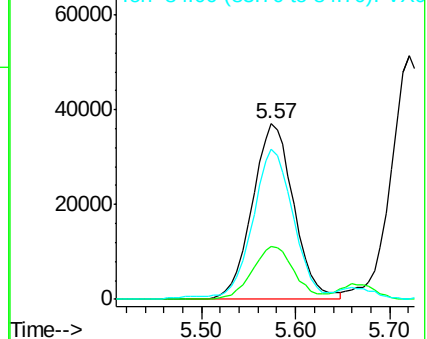
84 83.2 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 23.84 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

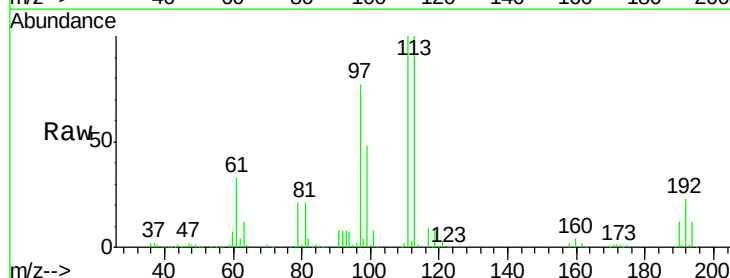
Tgt Ion: 97 Resp: 122017

Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

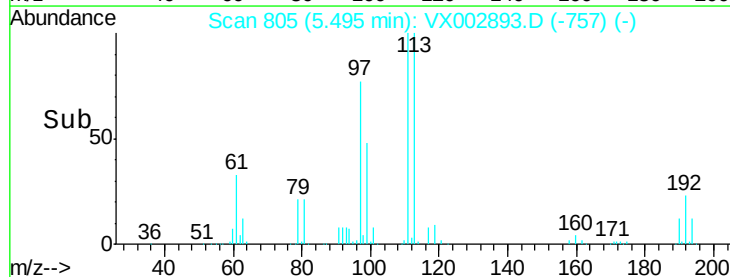
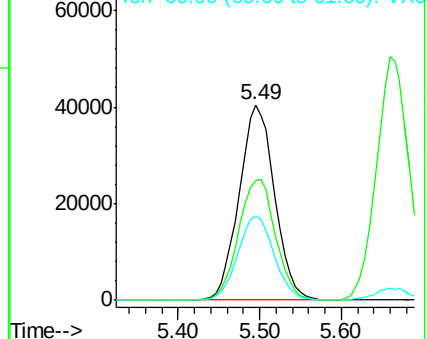
61 44.1 36.4 54.6

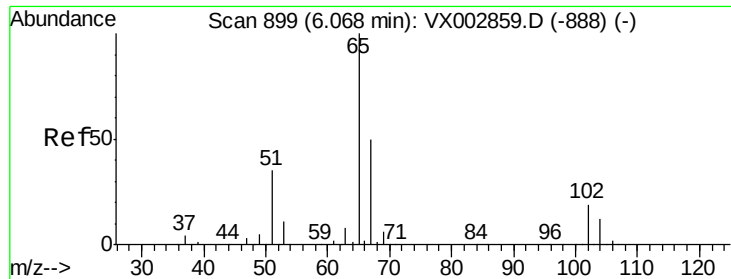


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.09 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

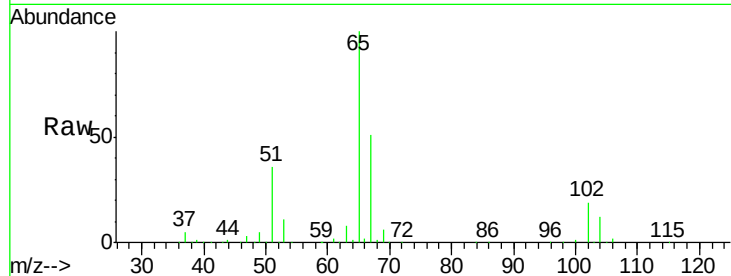
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 205956

Ion Ratio Lower Upper

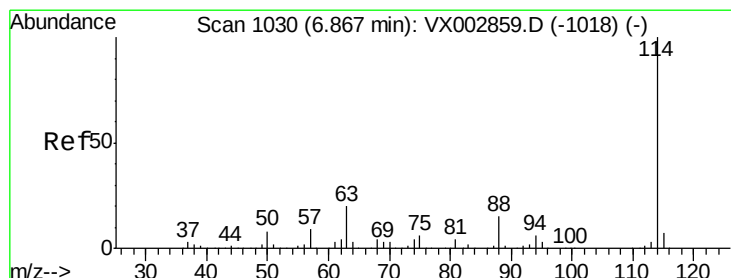
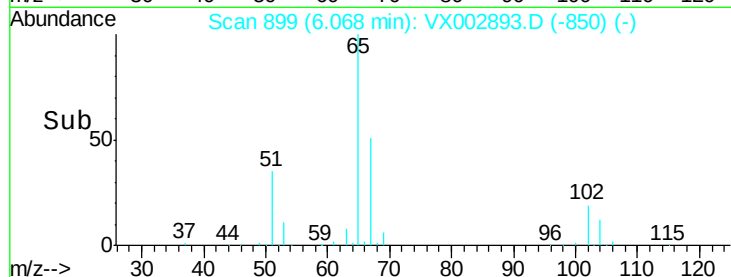
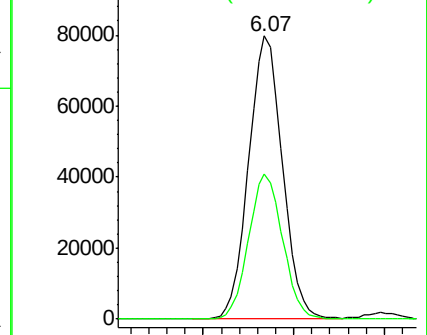
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

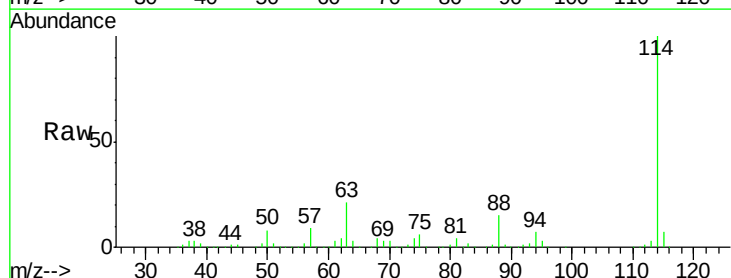
Tgt Ion:114 Resp: 377694

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

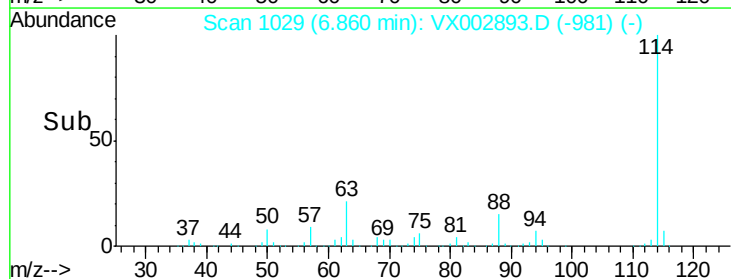
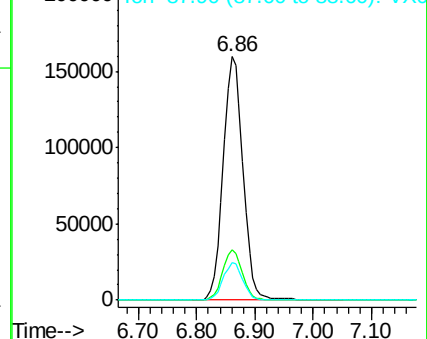
88 15.3 0.0 30.0

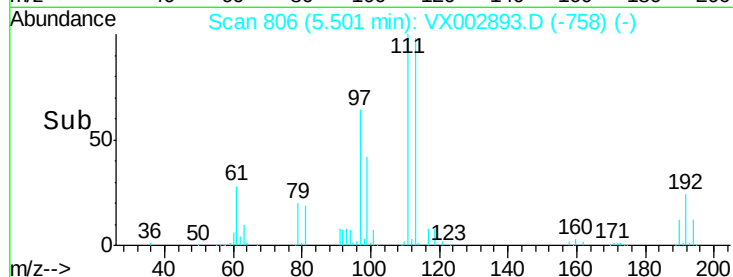
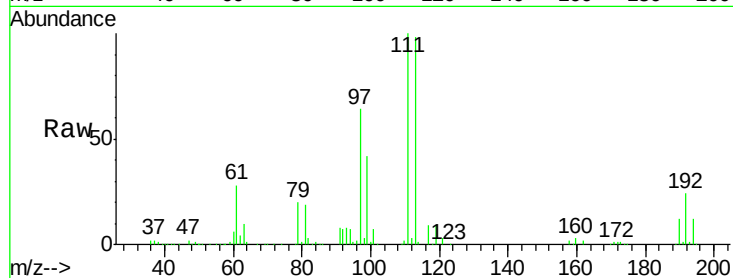
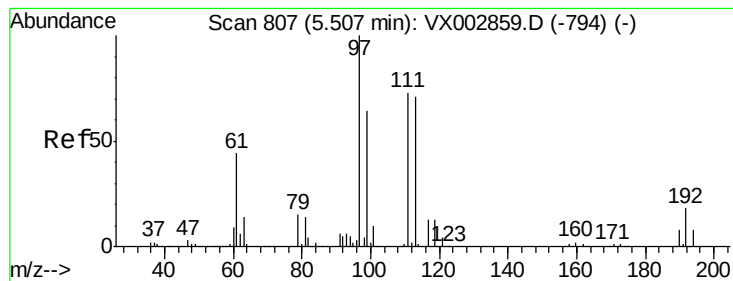


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 55.22 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

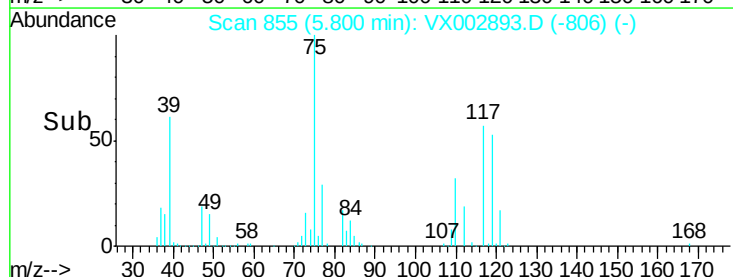
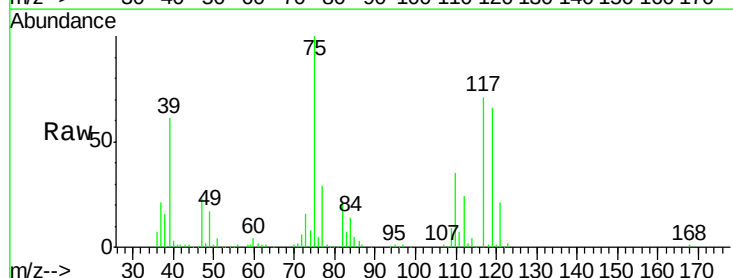
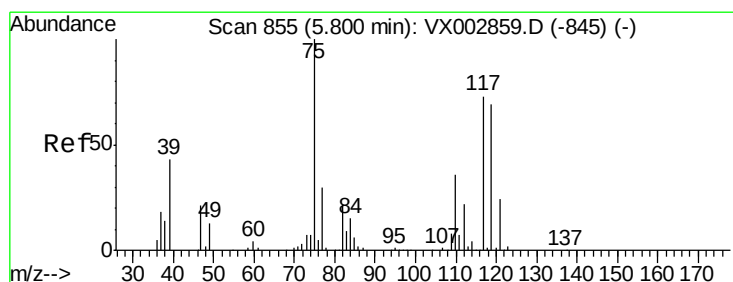
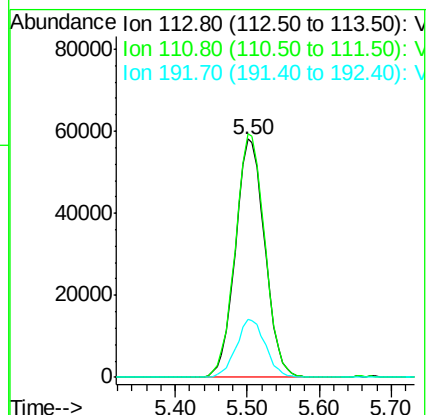
Tot Ion:113 Resp: 165158

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 24.0 19.1 28.7



#36

1,1-Dichloropropene

Concen: 23.43 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

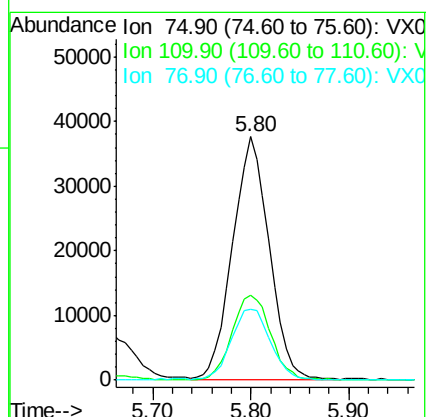
Tgt Ion: 75 Resp: 97035

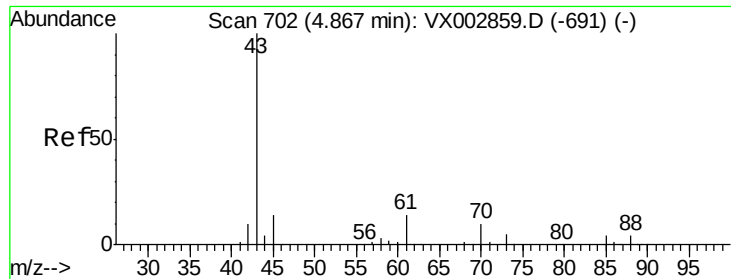
Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.4

77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 23.37 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

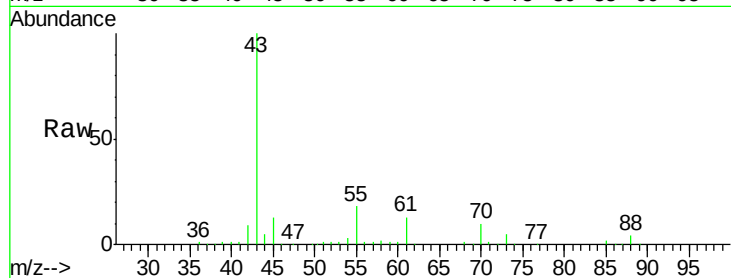
Tot Ion: 43 Resp: 104208

Ion Ratio Lower Upper

43 100

61 12.4 10.4 15.6

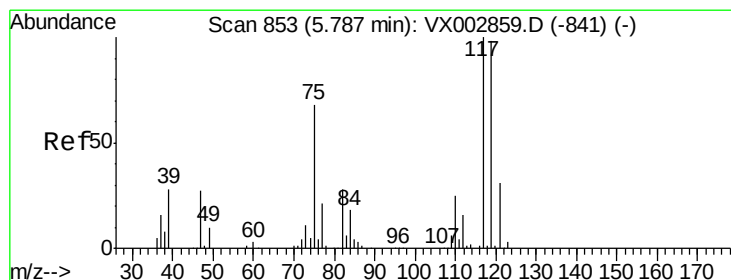
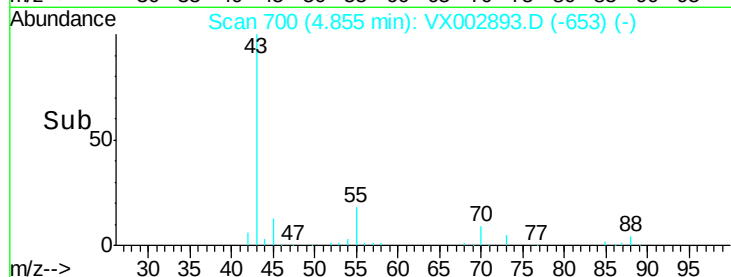
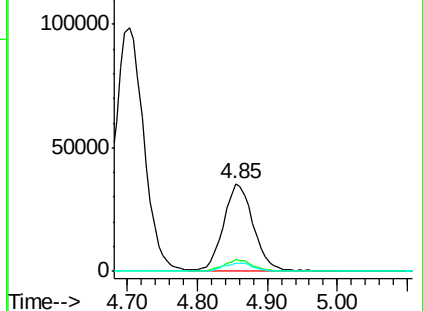
70 9.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 23.80 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

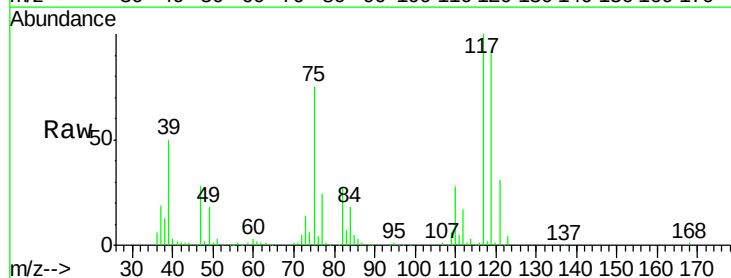
Tgt Ion: 117 Resp: 108183

Ion Ratio Lower Upper

117 100

119 92.2 77.4 116.0

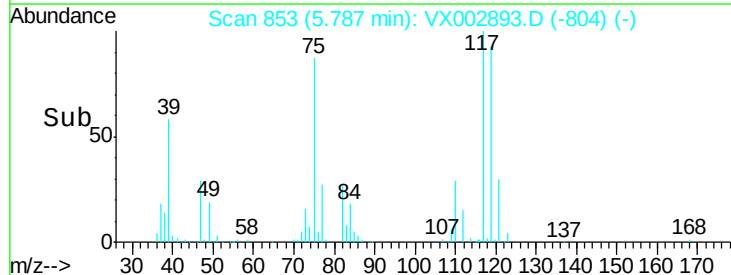
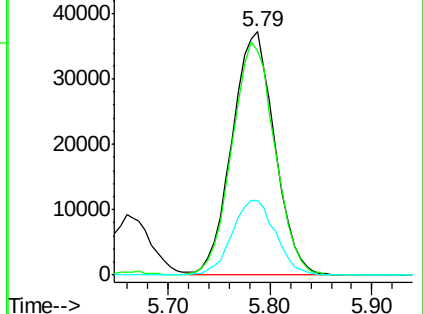
121 30.9 24.4 36.6

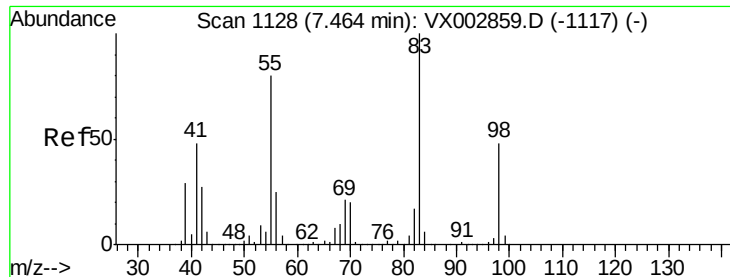


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

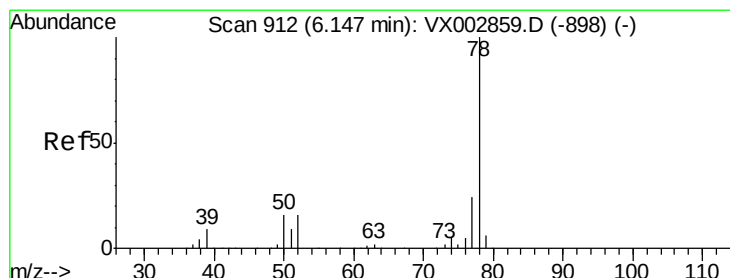
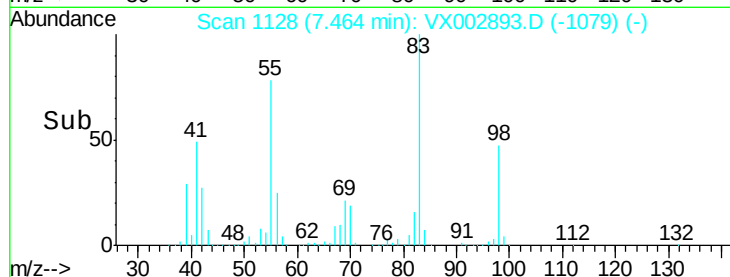
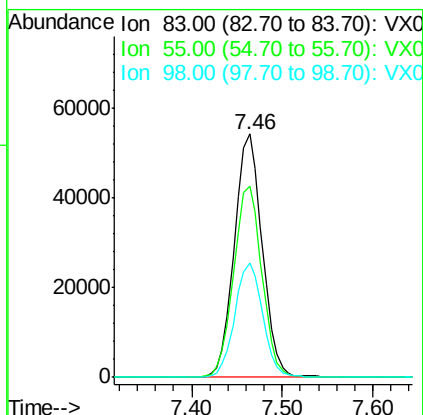
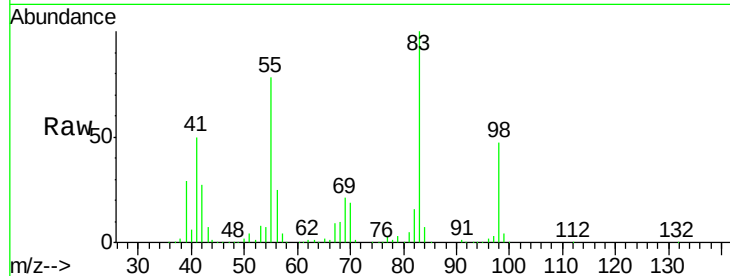




#39
Methylvlcyclohexane
Concen: 24.02 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

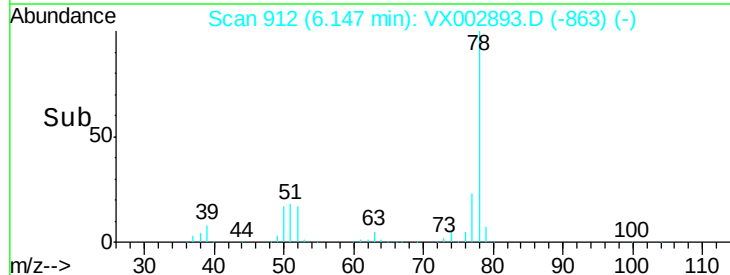
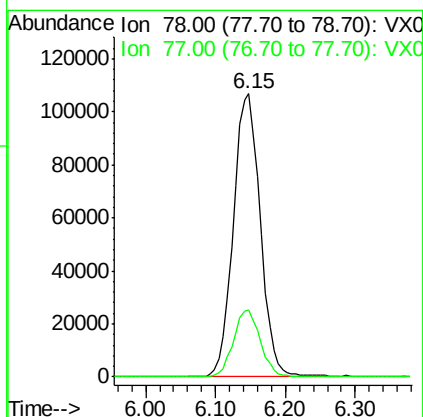
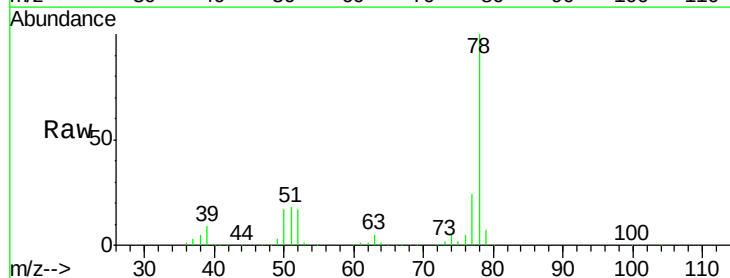
Instrument :
MSVOA_X
ClientSampleId :

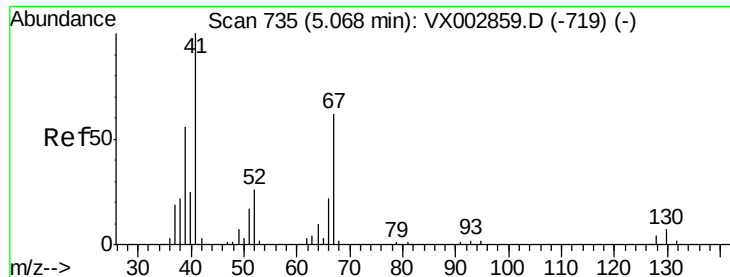
Tot Ion: 83 Resp: 115905
Ion Ratio Lower Upper
83 100
55 78.2 65.4 98.0
98 46.9 37.4 56.0



#40
Benzene
Concen: 23.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 78 Resp: 286118
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 23.36 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 59977

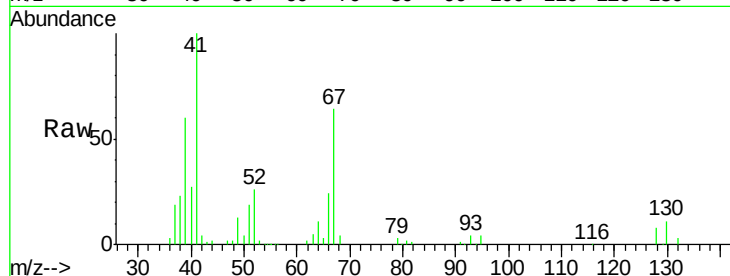
Ion Ratio Lower Upper

41 100

39 56.5 45.8 68.6

67 65.8 51.3 76.9

52 29.9 23.0 34.6

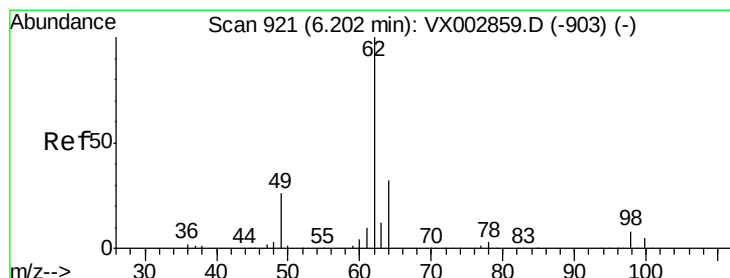
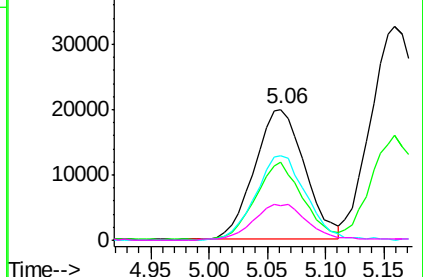
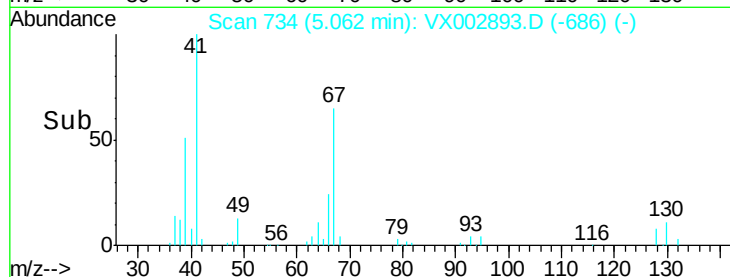


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 23.42 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002893.D

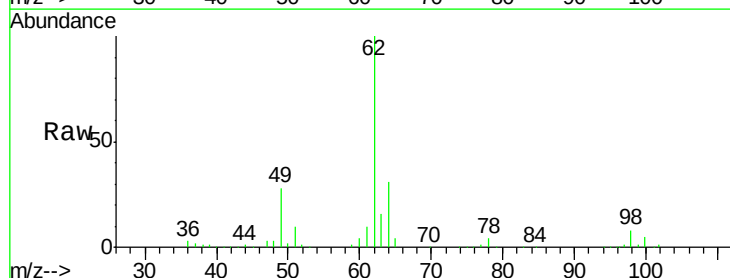
Acq: 26 Jun 2018 12:46

Tgt Ion: 62 Resp: 113853

Ion Ratio Lower Upper

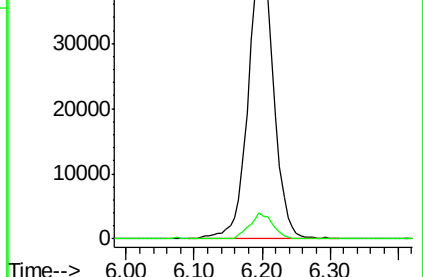
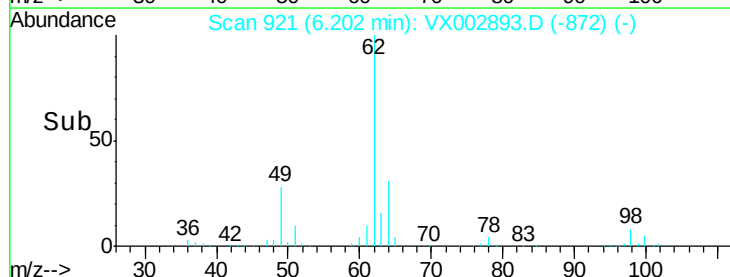
62 100

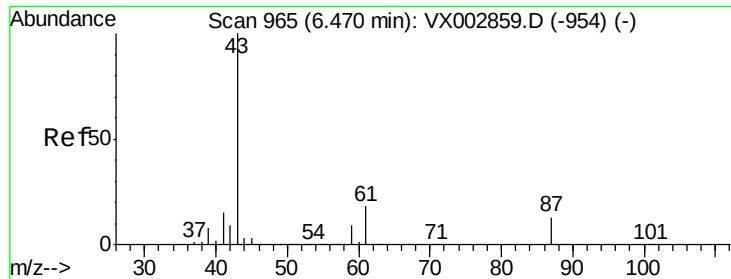
98 8.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



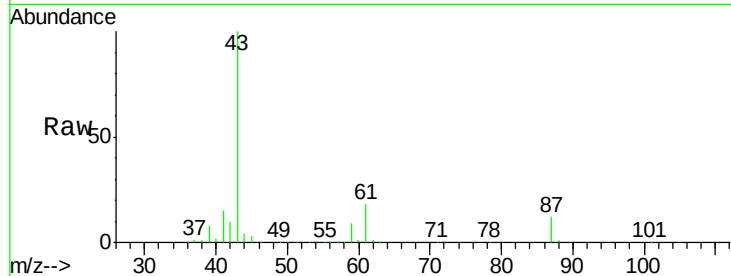


#43

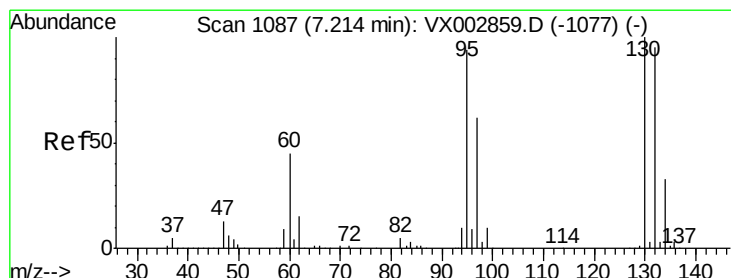
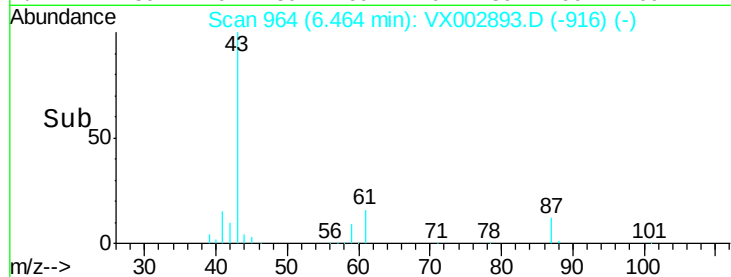
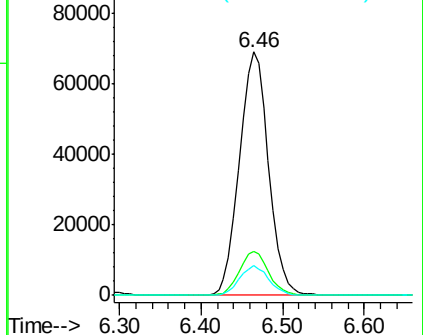
Isopropyl Acetate
 Concen: 22.86 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 170989
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.4 21.6
 87 12.3 9.5 14.3



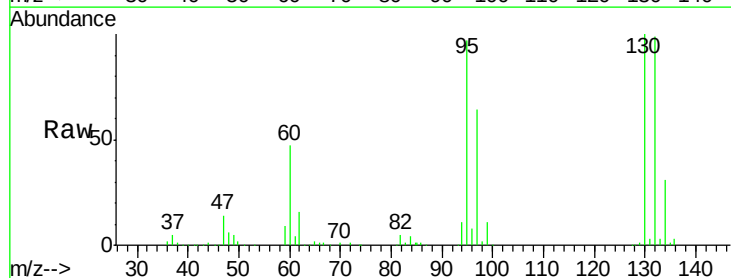
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



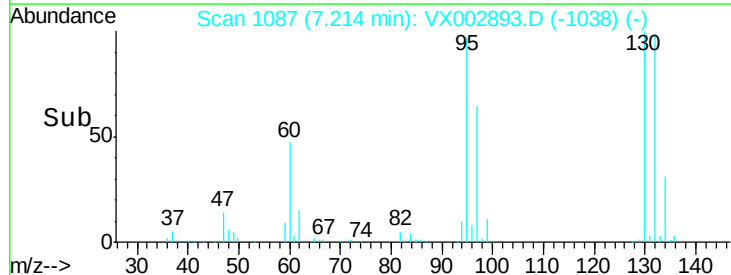
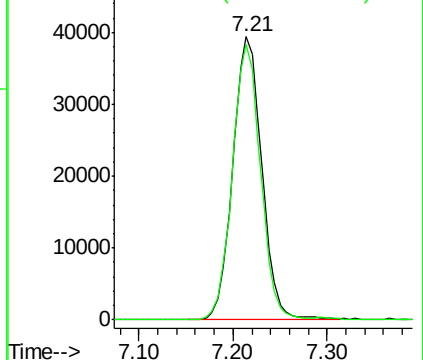
#44

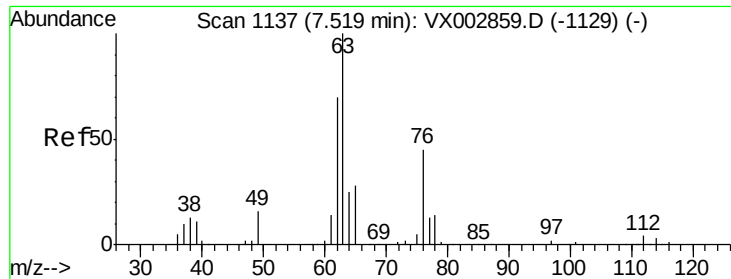
Trichloroethene
 Concen: 23.49 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion:130 Resp: 84267
 Ion Ratio Lower Upper
 130 100
 95 97.2 0.0 185.4



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

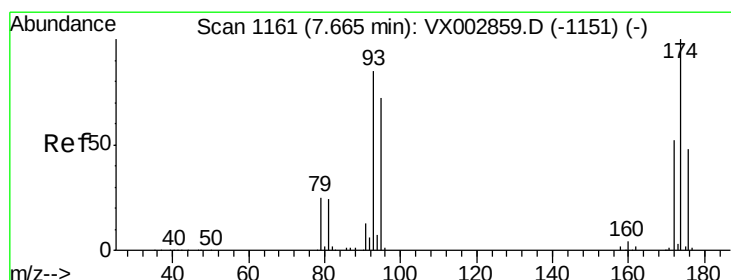
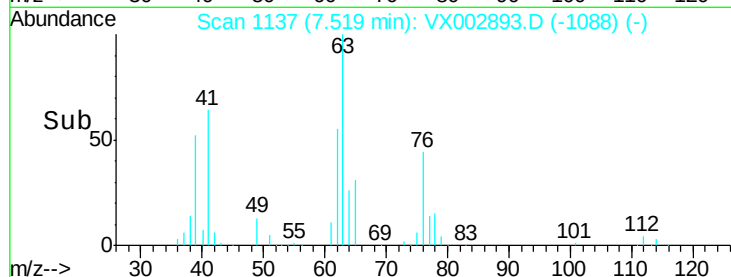
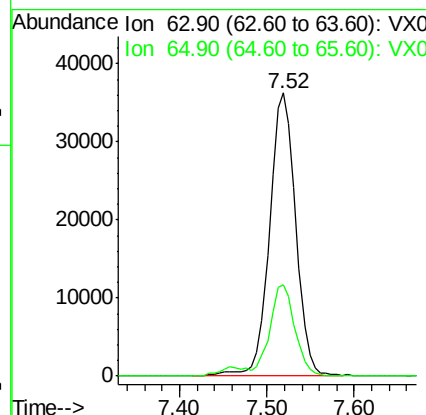
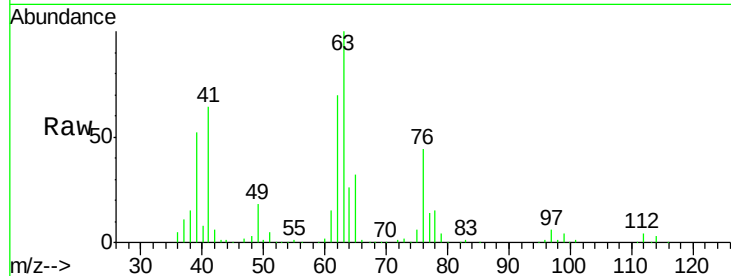




#45
 1,2-Dichloropropane
 Concen: 23.88 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

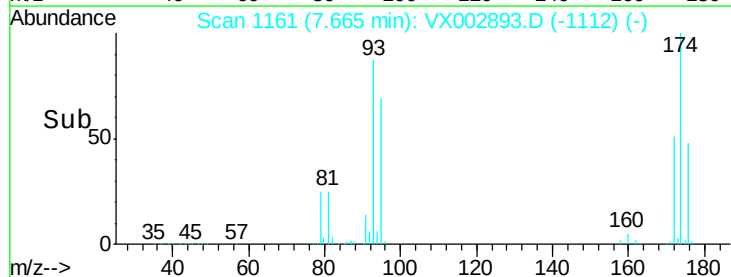
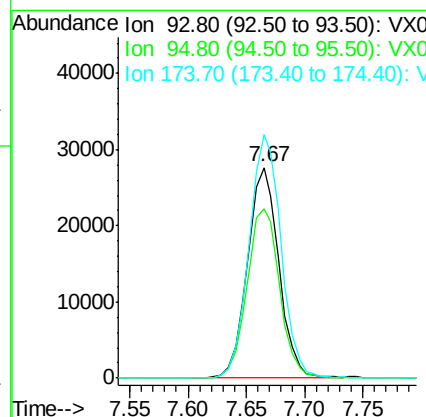
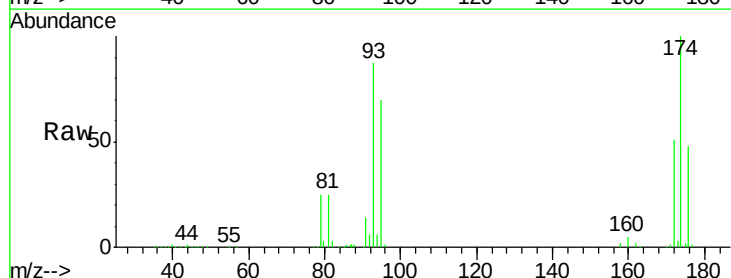
Instrument :
 MSVOA_X
 ClientSampleId :

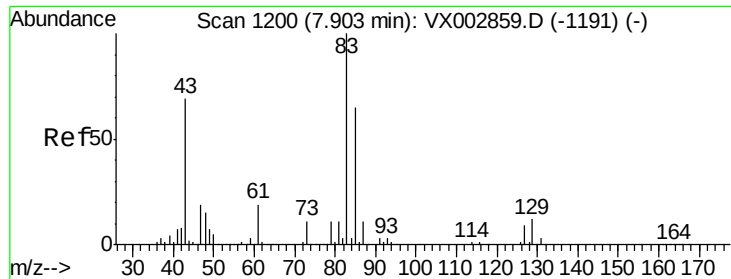
Tot Ion: 63 Resp: 76238
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.7 37.1



#46
 Dibromomethane
 Concen: 23.53 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion: 93 Resp: 52125
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 117.8 92.4 138.6





#47

Bromodichloromethane

Concen: 24.41 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :

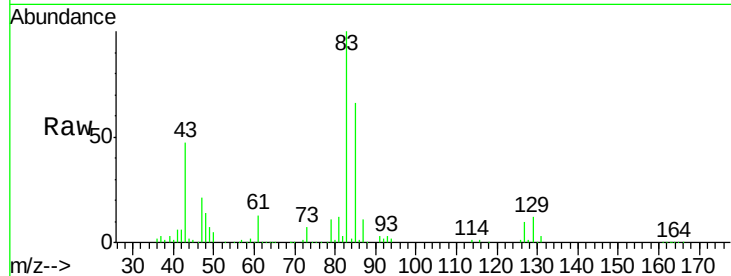
Tot Ion: 83 Resp: 99975

Ion Ratio Lower Upper

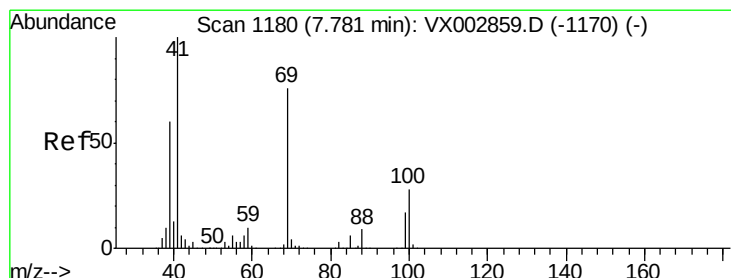
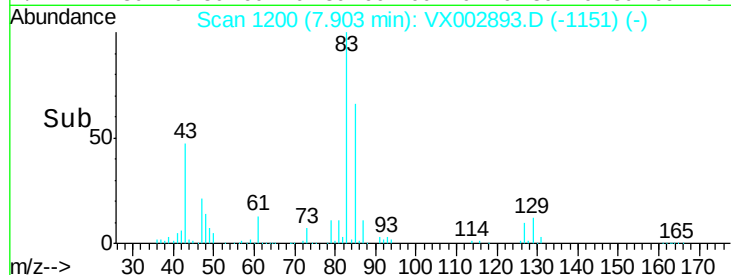
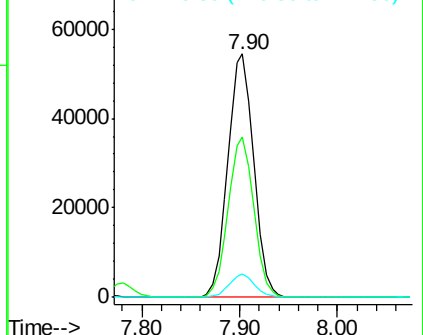
83 100

85 65.8 50.3 75.5

127 9.7 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: 23.29 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

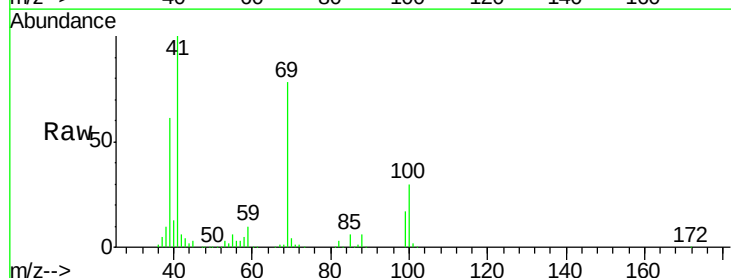
Tgt Ion: 41 Resp: 89760

Ion Ratio Lower Upper

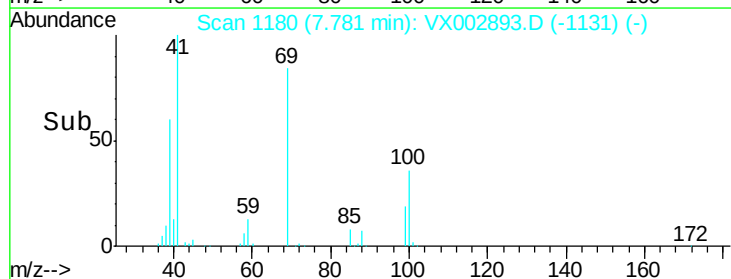
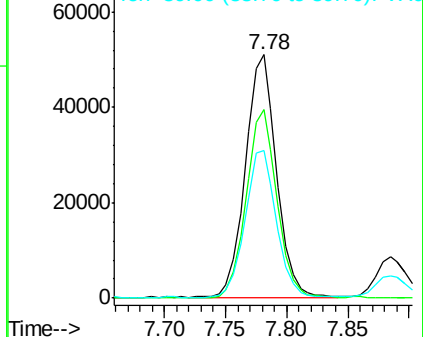
41 100

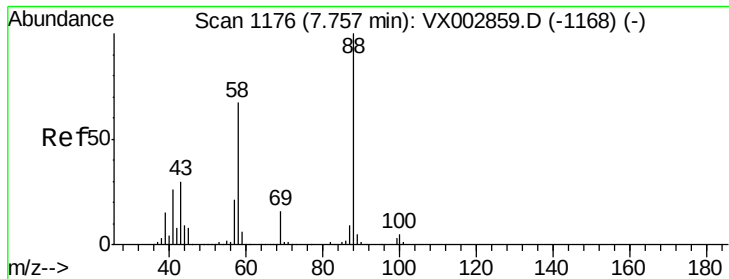
69 76.9 59.1 88.7

39 61.2 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

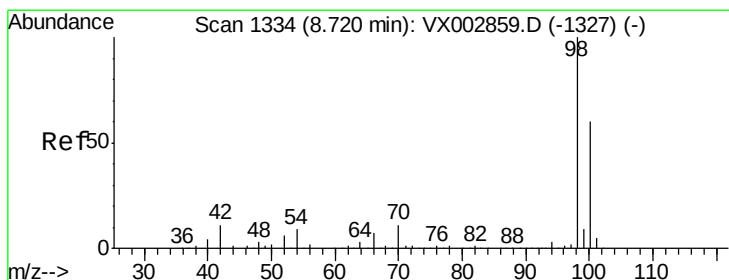
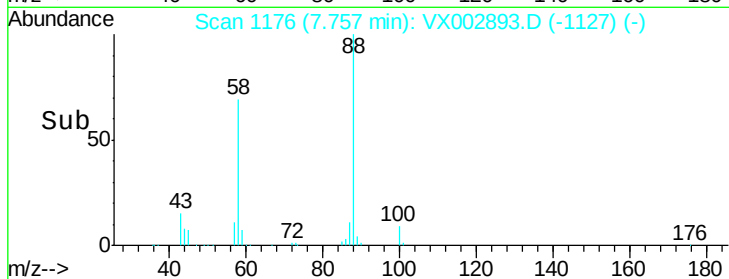
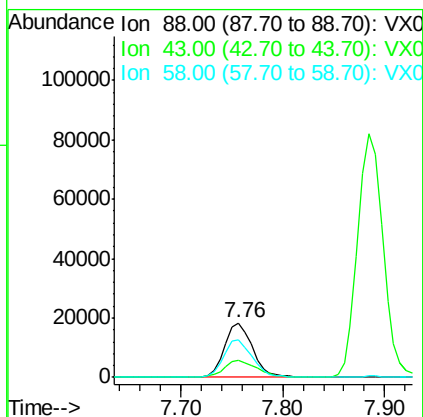
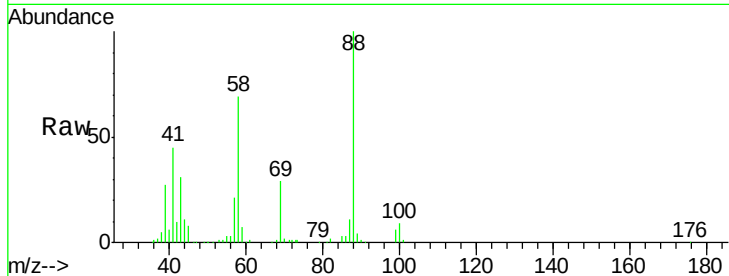




#49
1,4-Dioxane
Concen: 463.99 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

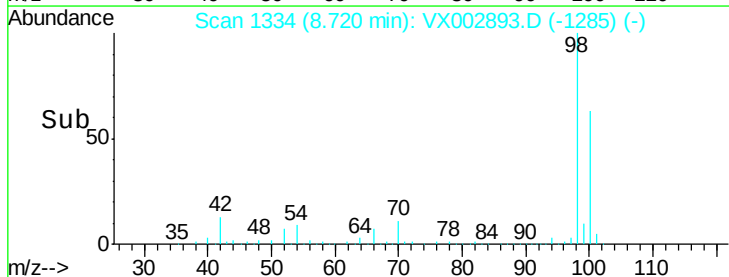
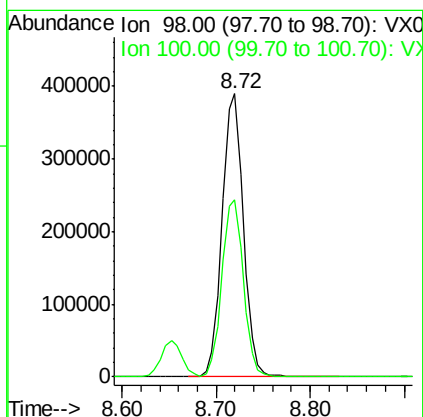
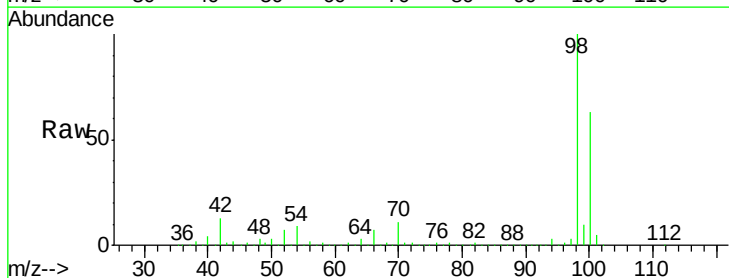
Instrument :
MSVOA_X
ClientSampled :

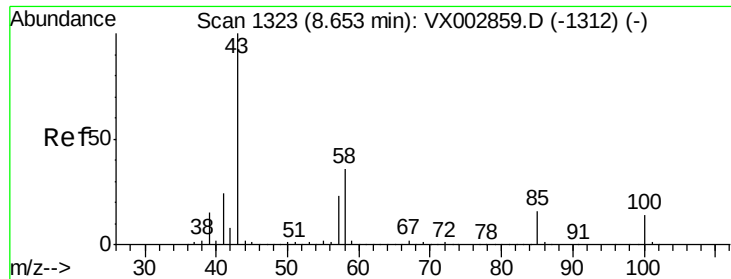
Tot Ion: 88 Resp: 34789
Ion Ratio Lower Upper
88 100
43 37.3 29.8 44.6
58 71.9 57.1 85.7



#50
Toluene-d8
Concen: 55.78 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 98 Resp: 609216
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 118.88 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

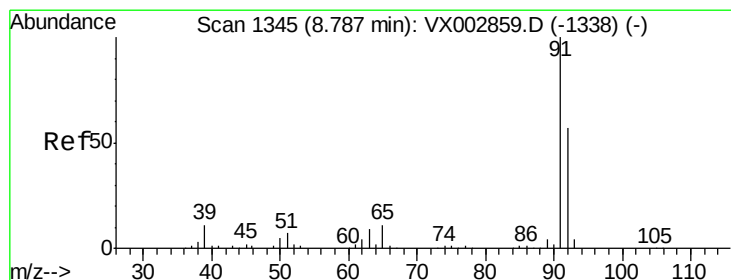
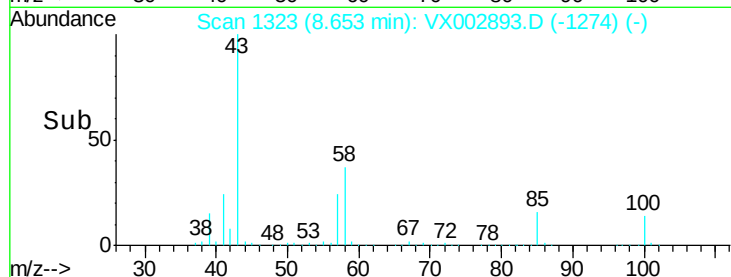
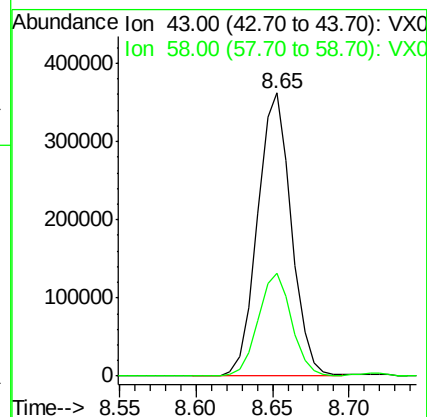
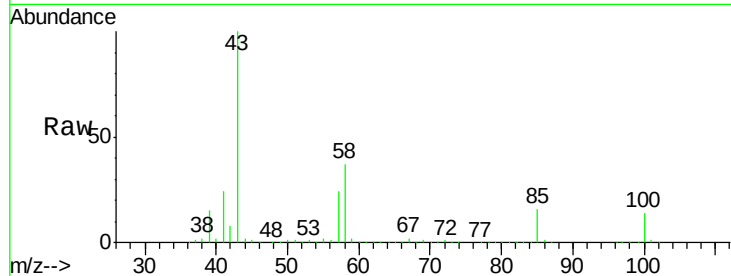
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 556282

Ion Ratio Lower Upper

43 100

58 36.1 28.6 42.8



#52

Toluene

Concen: 24.38 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002893.D

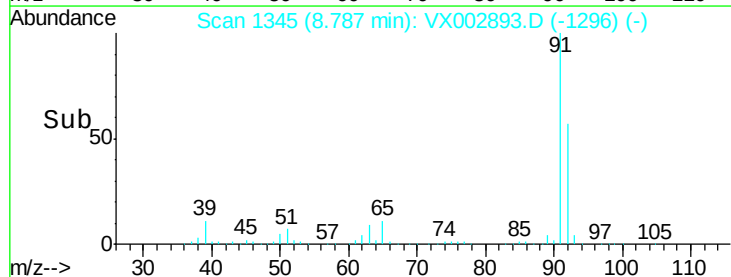
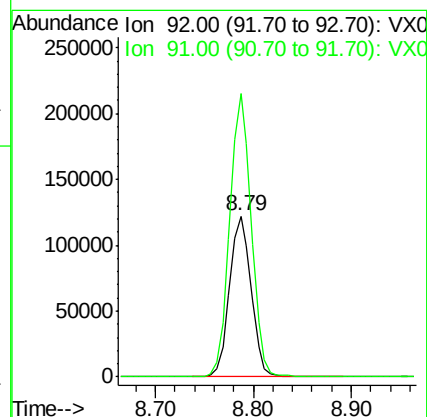
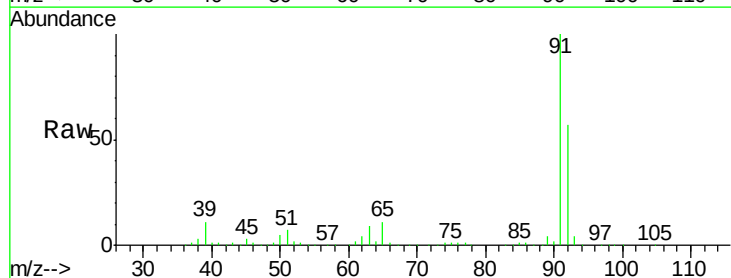
Acq: 26 Jun 2018 12:46

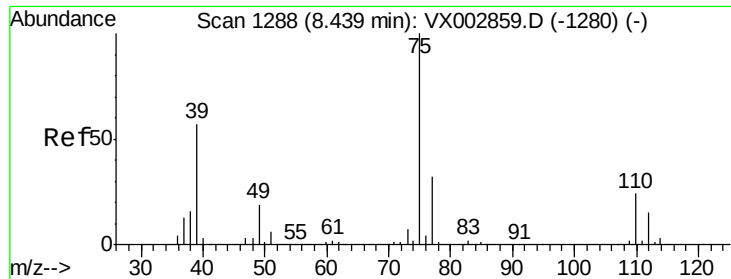
Tgt Ion: 92 Resp: 187936

Ion Ratio Lower Upper

92 100

91 174.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 24.59 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

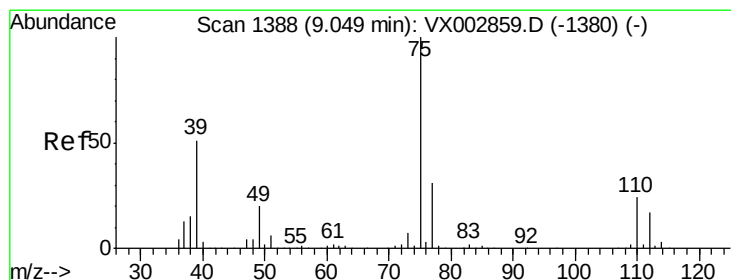
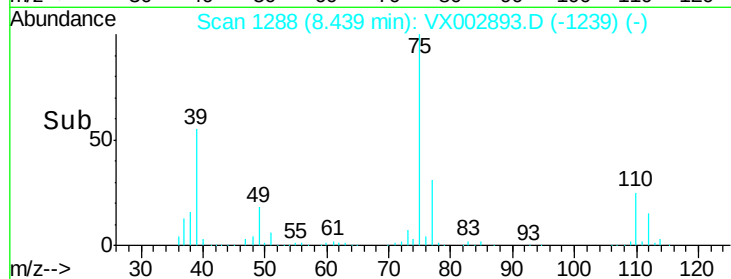
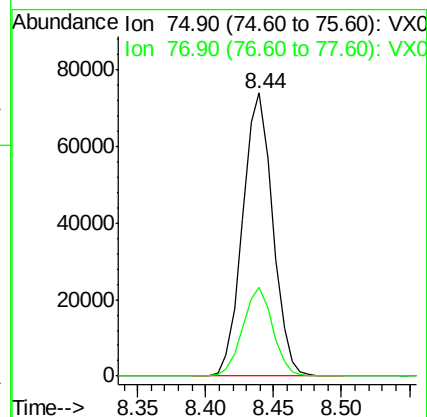
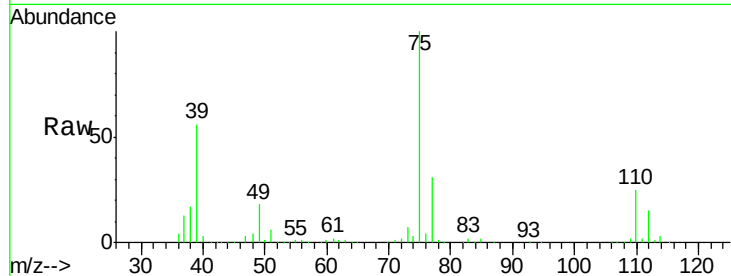
ClientSampleId :

Tot Ion: 75 Resp: 114059

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 23.78 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

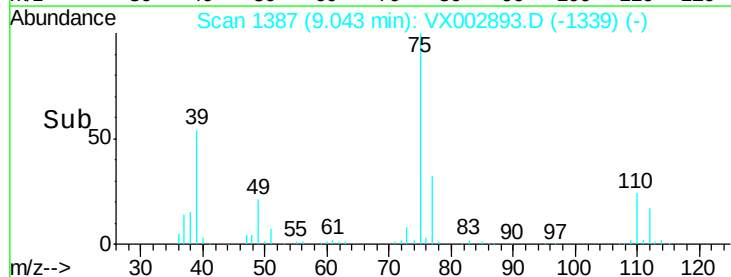
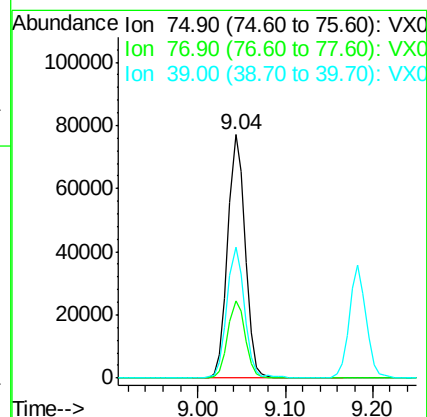
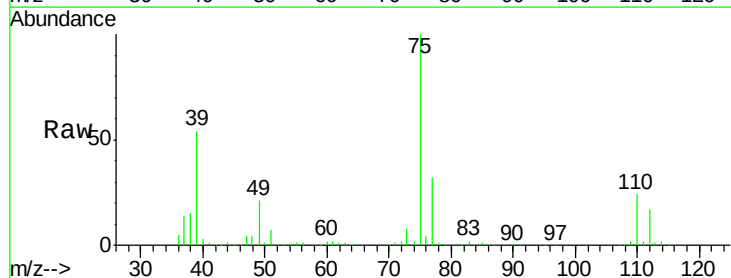
Tgt Ion: 75 Resp: 106150

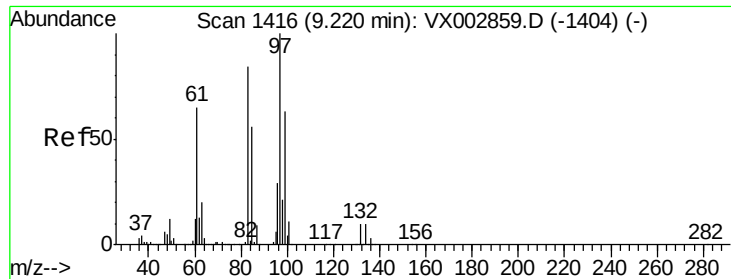
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 53.7 42.4 63.6

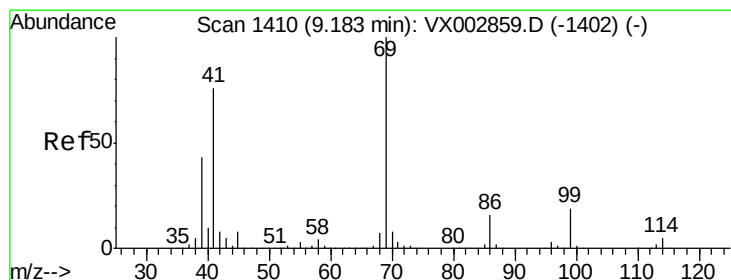
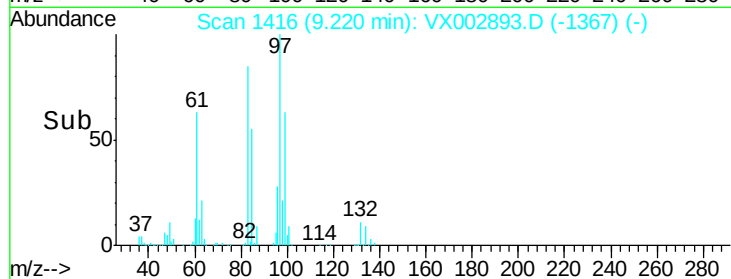
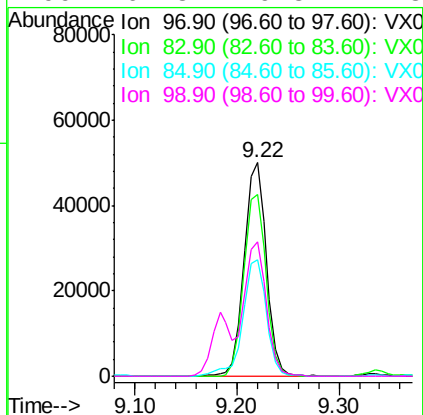
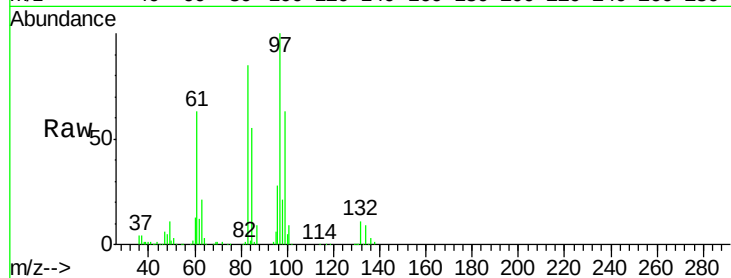




#55
 1,1,2-Trichloroethane
 Concen: 23.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

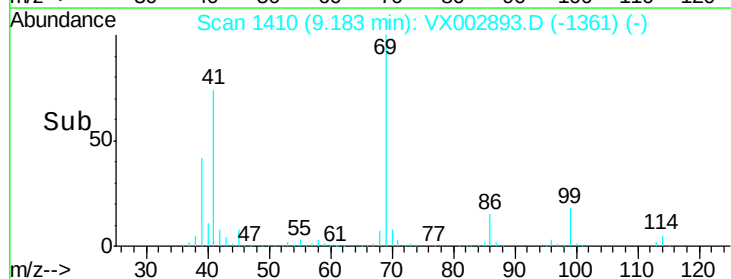
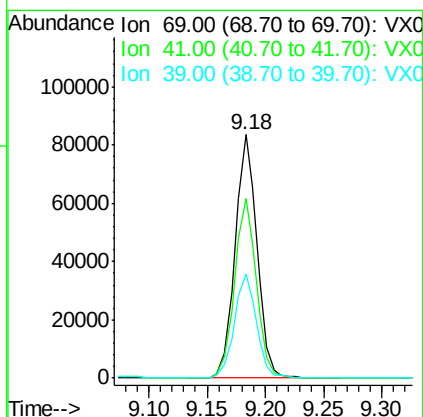
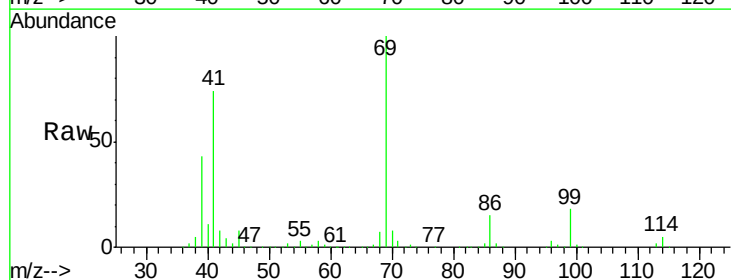
Instrument :
 MSVOA_X
 ClientSampleId :

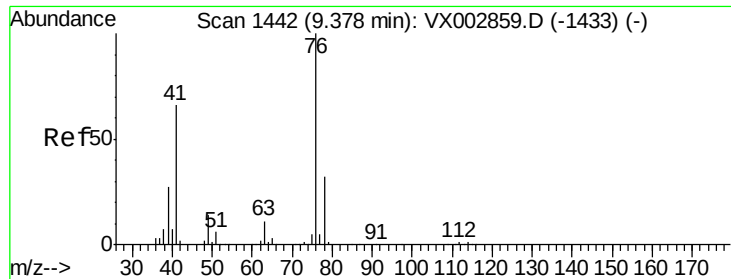
Tot Ion:	97	Resp:	76007
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	54.6	44.9	67.3
99	62.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 23.70 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion:	69	Resp:	109749
Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	42.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 23.82 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

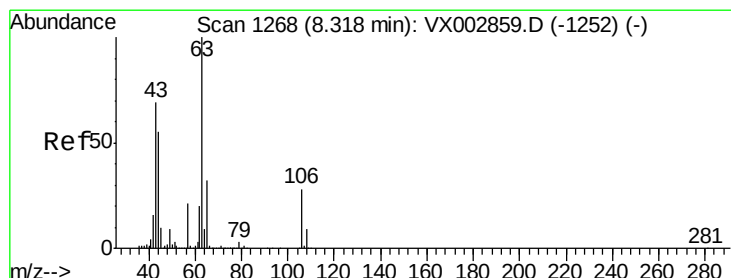
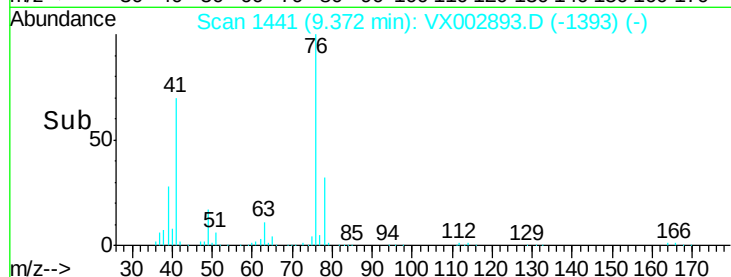
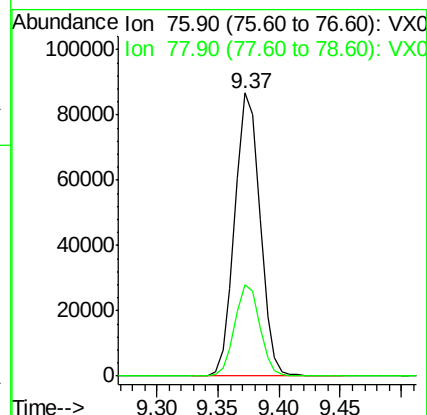
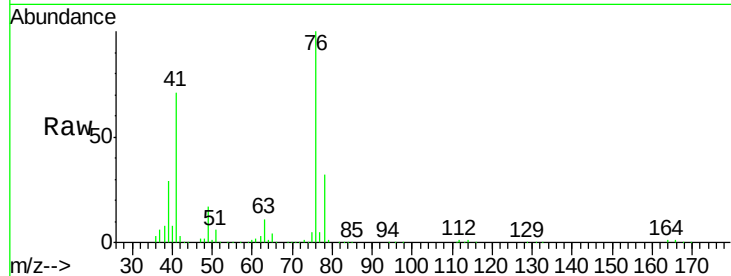
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 123920

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 126.35 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002893.D

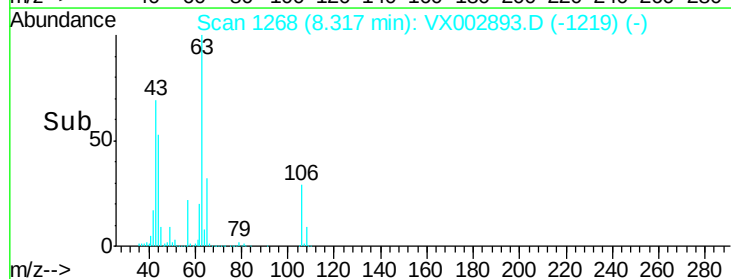
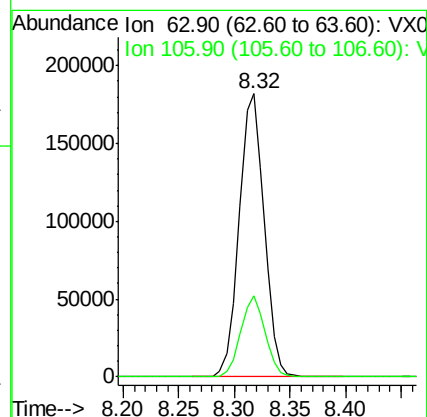
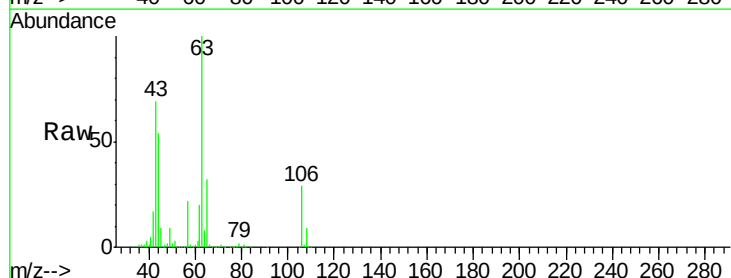
Acq: 26 Jun 2018 12:46

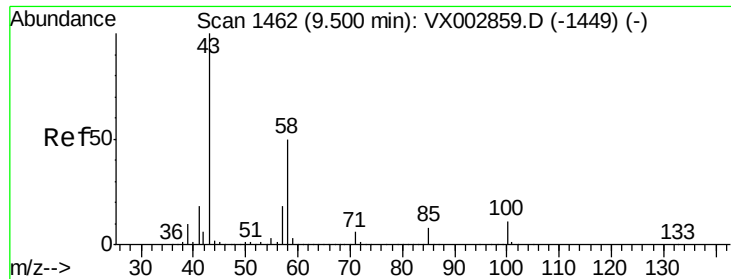
Tgt Ion: 63 Resp: 282222

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.8

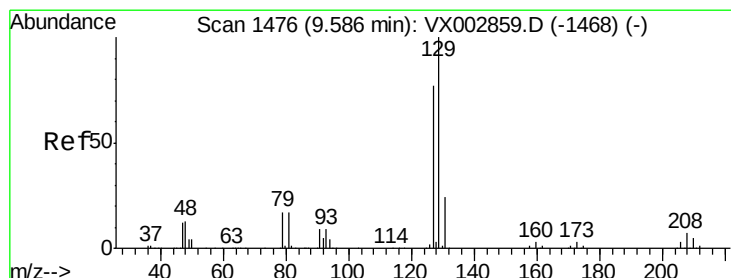
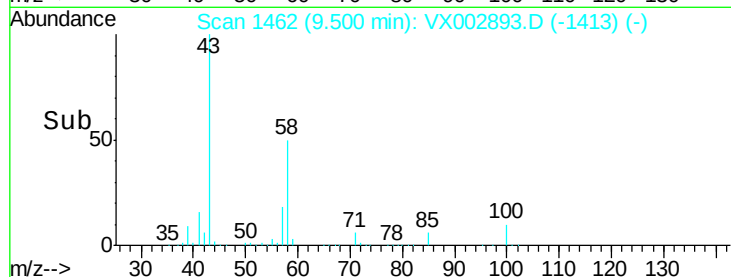
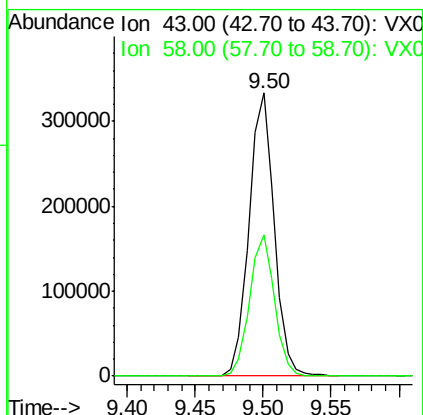
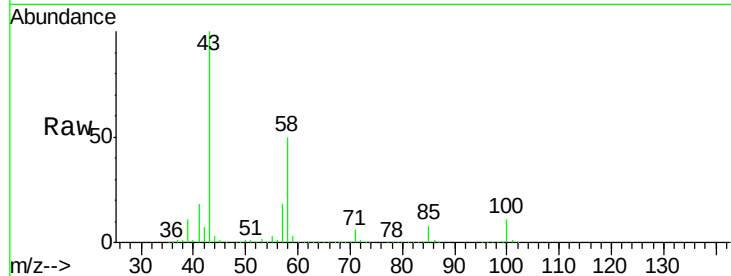




#59
2-Hexanone
Concen: 121.64 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

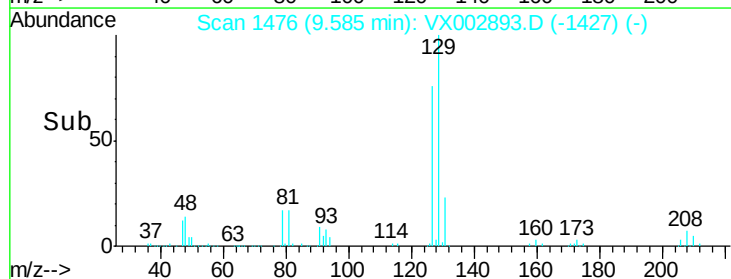
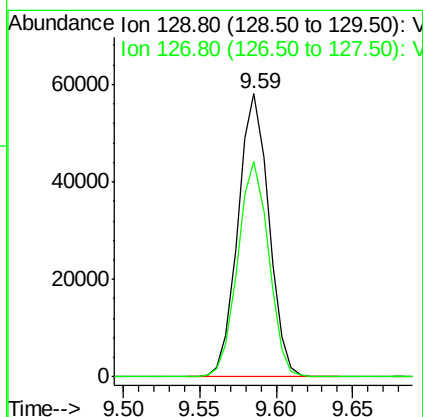
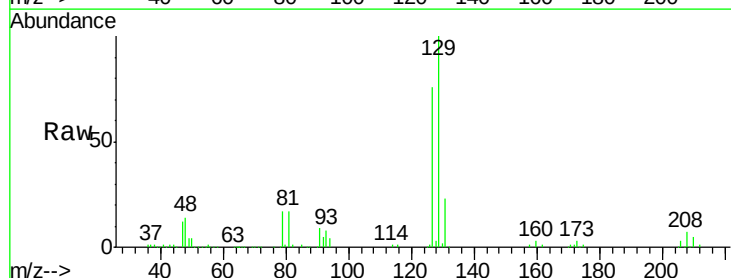
Instrument :
MSVOA_X
ClientSampleId :

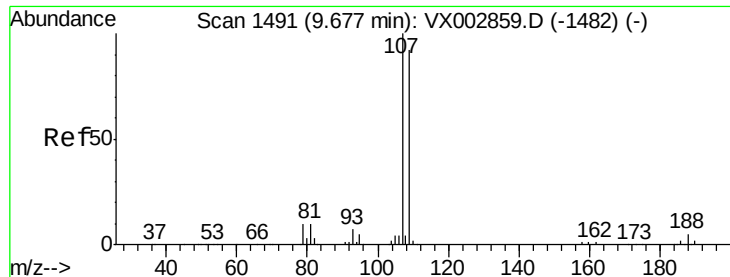
Tot Ion: 43 Resp: 432602
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 24.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion:129 Resp: 81491
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3

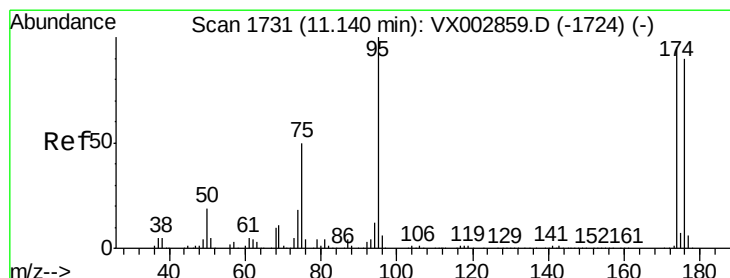
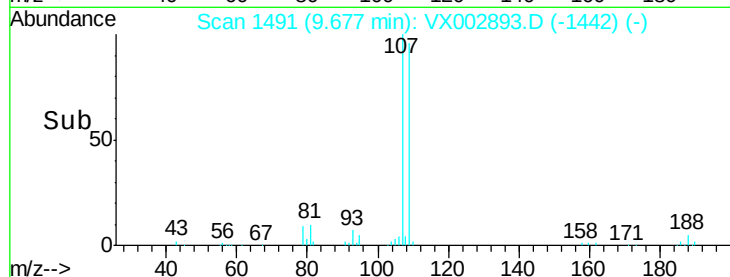
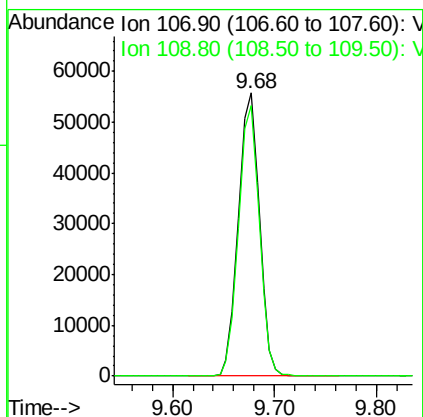
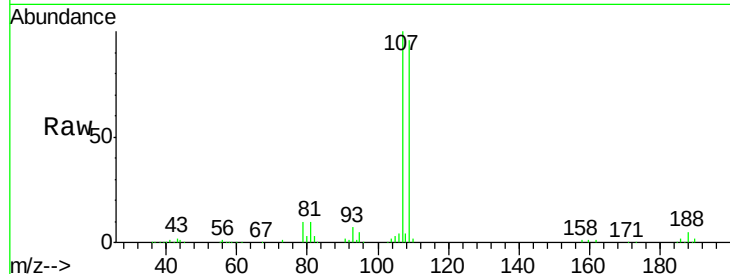




#61
 1,2-Dibromoethane
 Concen: 23.87 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

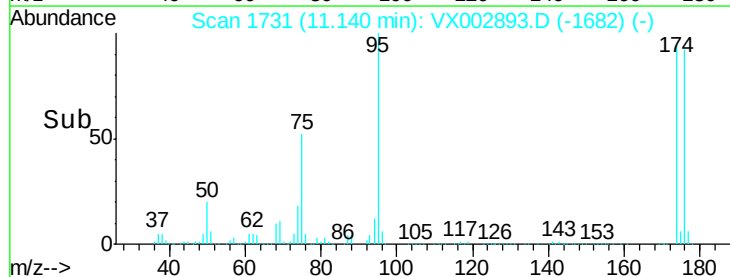
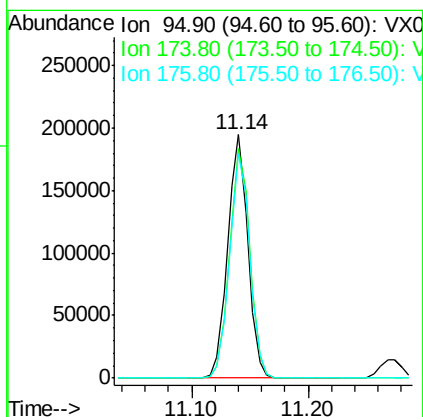
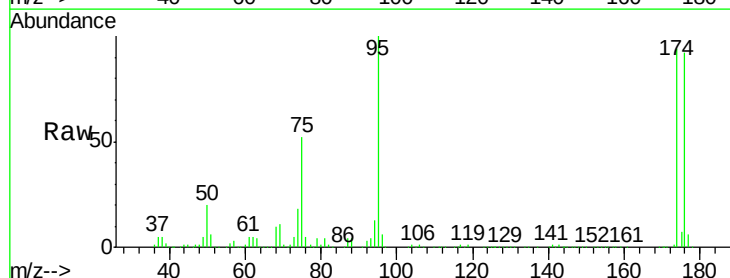
Instrument :
 MSVOA_X
 ClientSampleId :

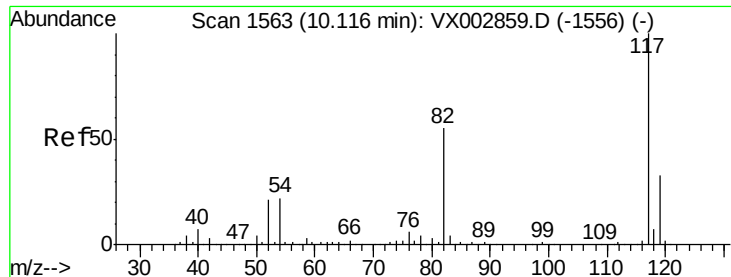
Tot Ion:107 Resp: 79326
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 55.39 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion: 95 Resp: 233299
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 187.4
 176 92.8 0.0 181.0

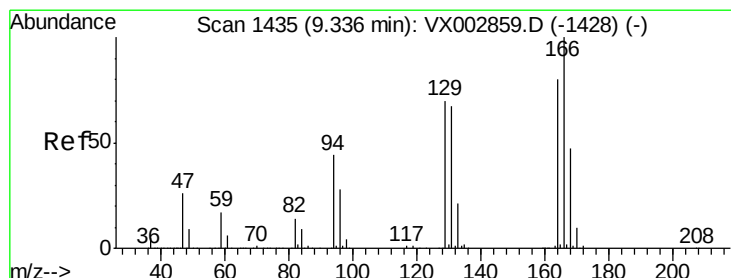
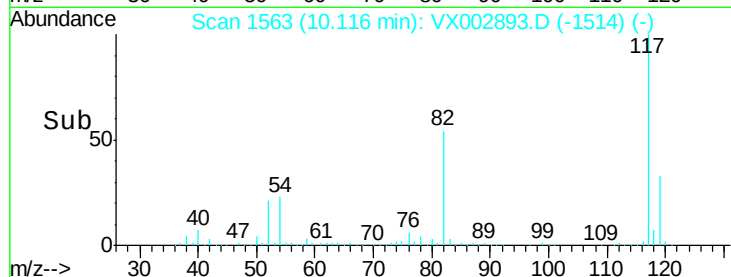
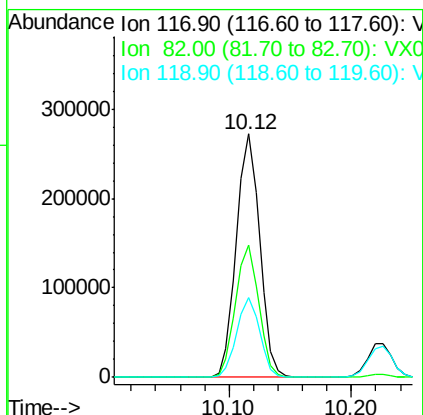
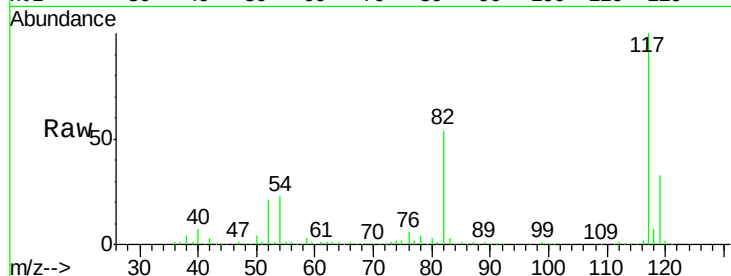




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

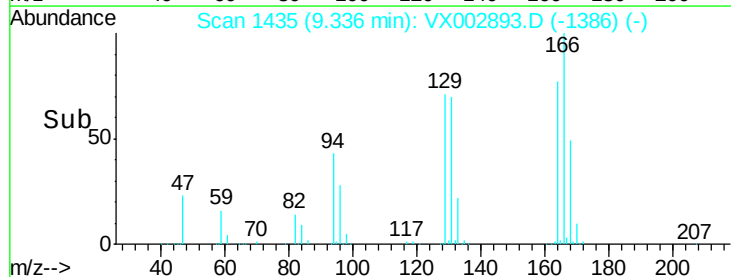
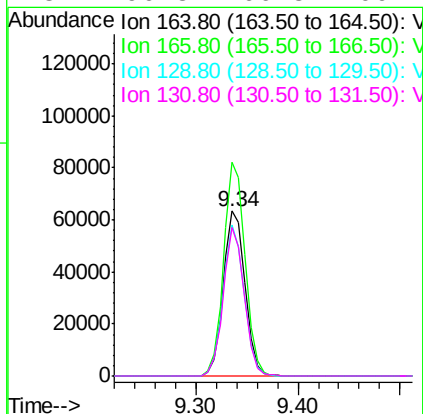
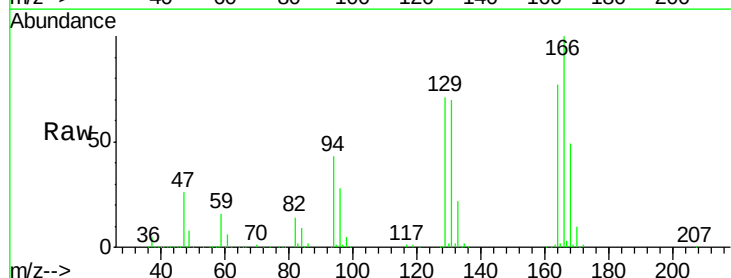
Instrument :
MSVOA_X
ClientSampleId :

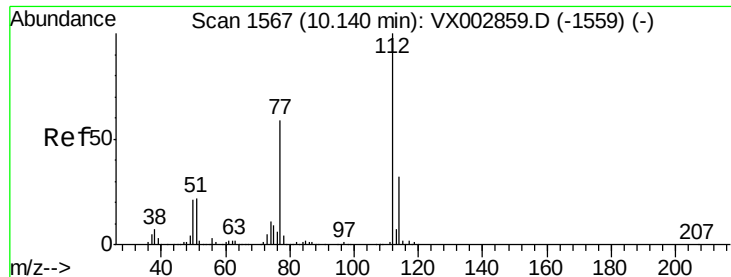
Tot Ion:117 Resp: 359586
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 23.35 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion:164 Resp: 93353
Ion Ratio Lower Upper
164 100
166 129.8 102.9 154.3
129 91.8 68.6 102.8
131 90.3 66.8 100.2





#65

Chlorobenzene

Concen: 23.81 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

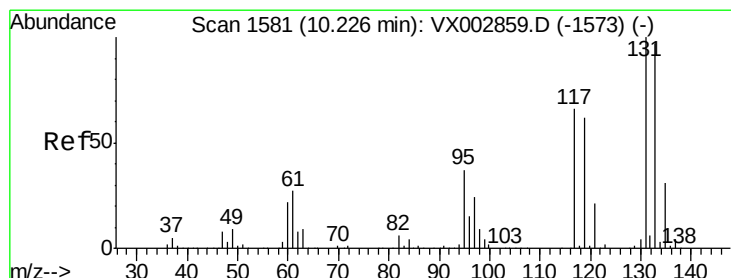
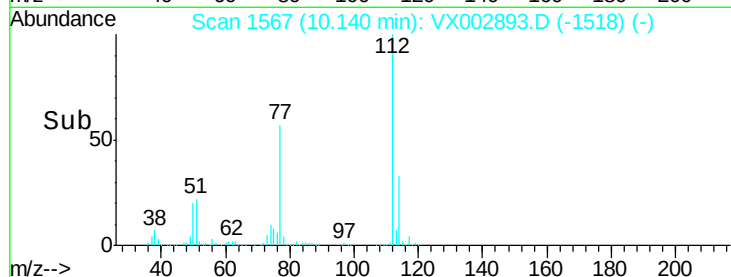
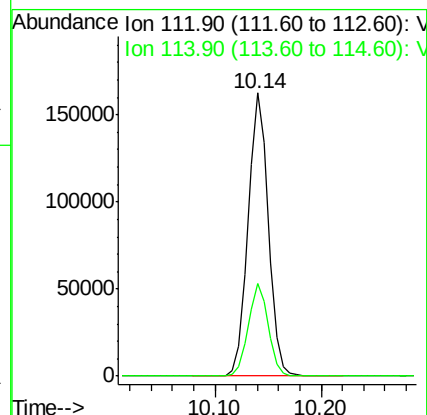
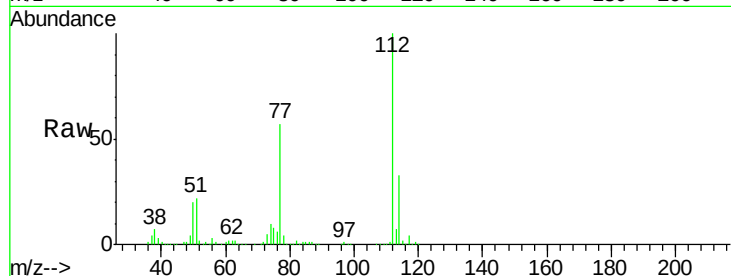
ClientSampleId :

Tot Ion:112 Resp: 217488

Ion Ratio Lower Upper

112 100

114 32.9 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 24.37 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

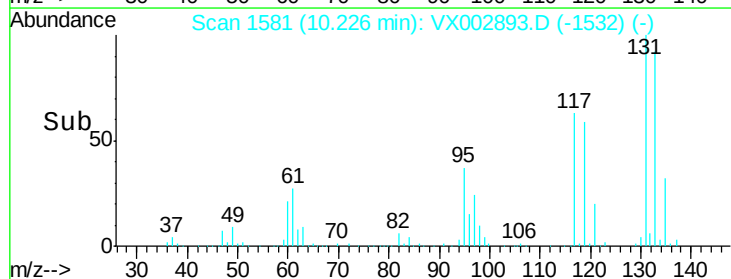
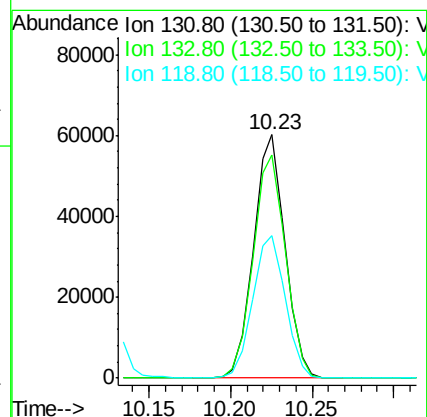
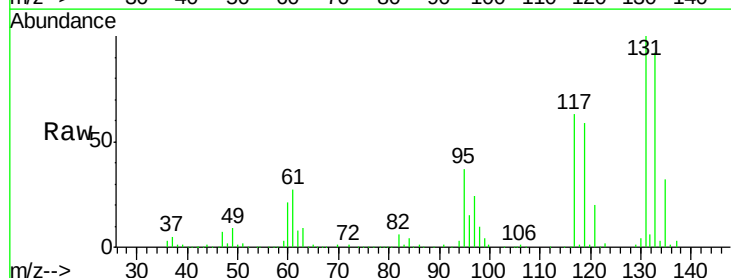
Tgt Ion:131 Resp: 80867

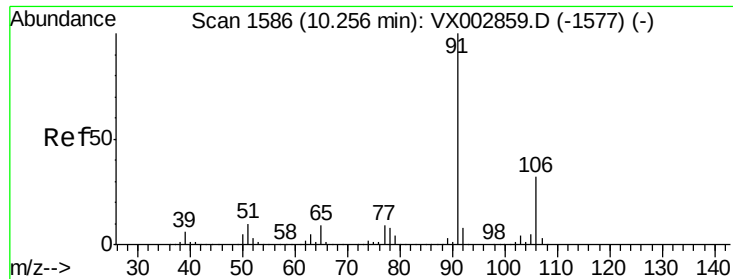
Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

119 60.7 31.8 95.3

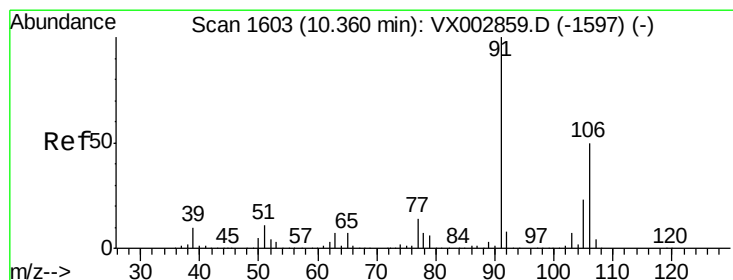
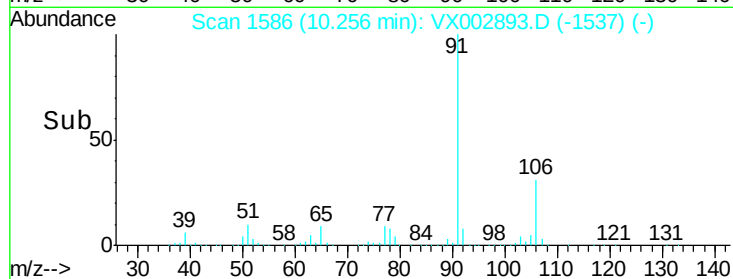
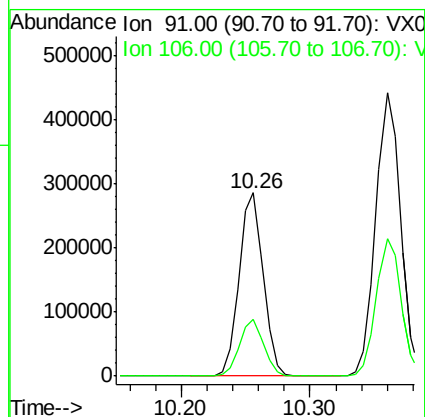
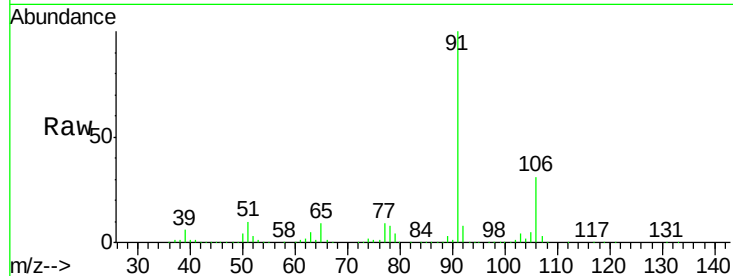




#67
Ethyl Benzene
Concen: 24.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

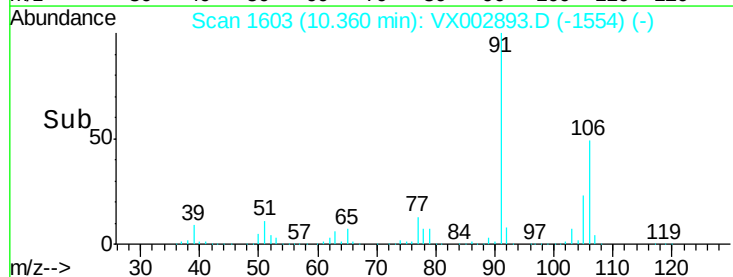
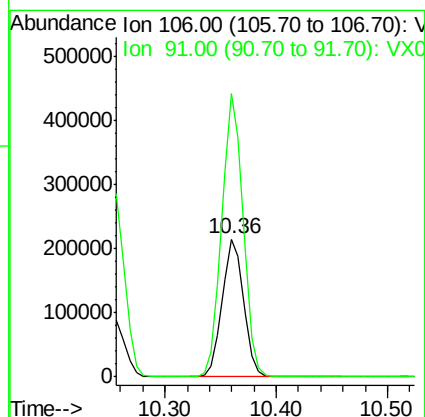
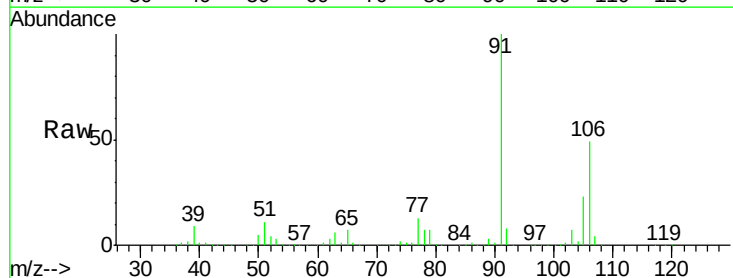
Instrument :
MSVOA_X
ClientSampleId :

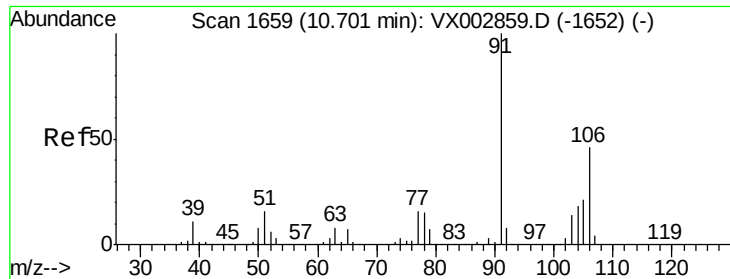
Tot Ion: 91 Resp: 371936
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 49.12 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 106 Resp: 285621
Ion Ratio Lower Upper
106 100
91 204.9 163.4 245.2

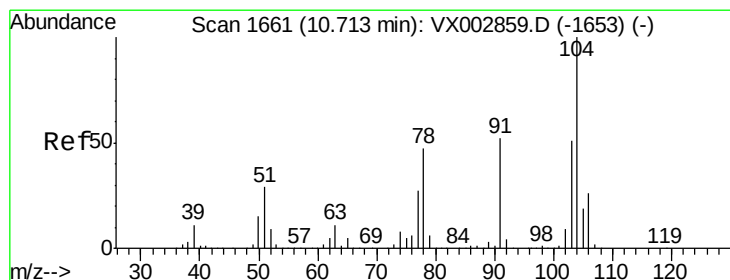
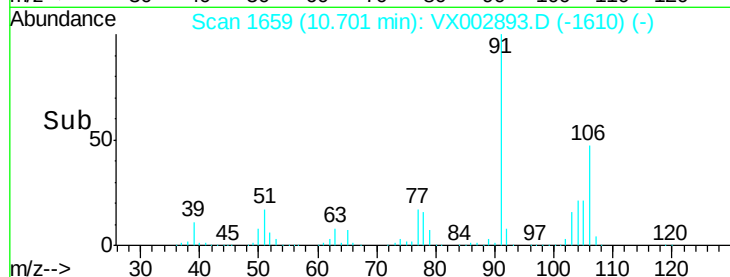
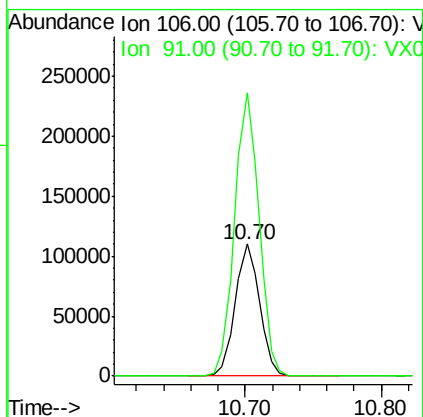
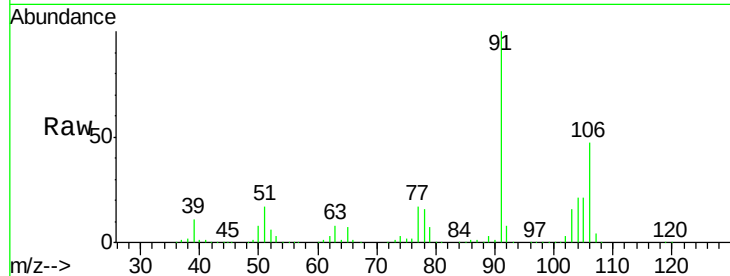




#69
o-Xylene
Concen: 24.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

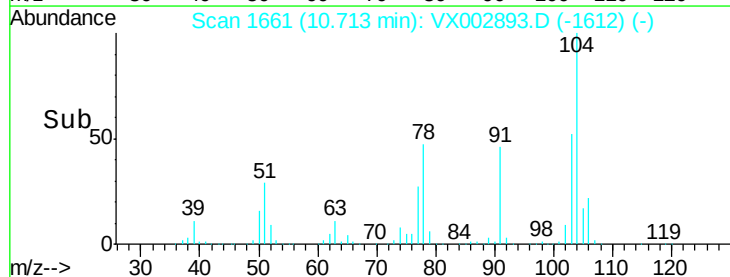
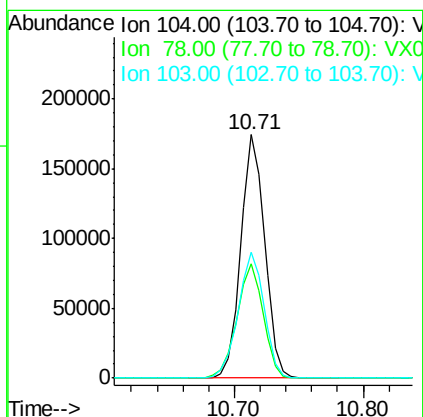
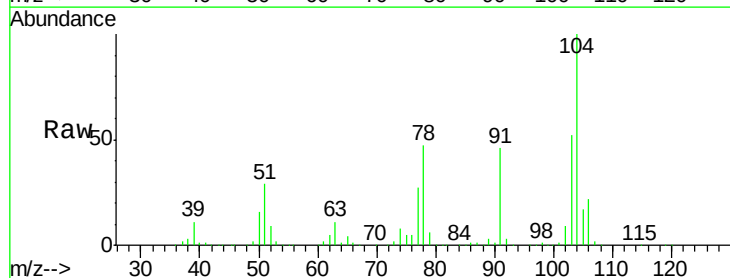
Instrument :
MSVOA_X
ClientSampleId :

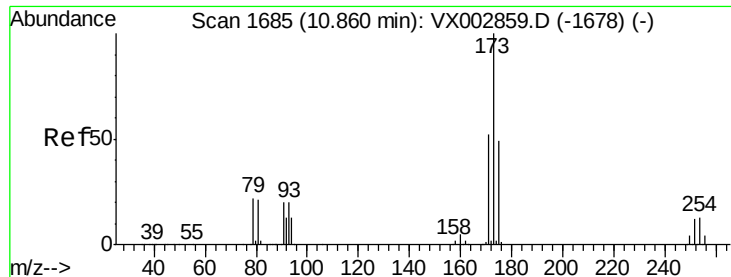
Tot Ion:106 Resp: 137854
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6



#70
Styrene
Concen: 24.39 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion:104 Resp: 224376
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 23.42 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

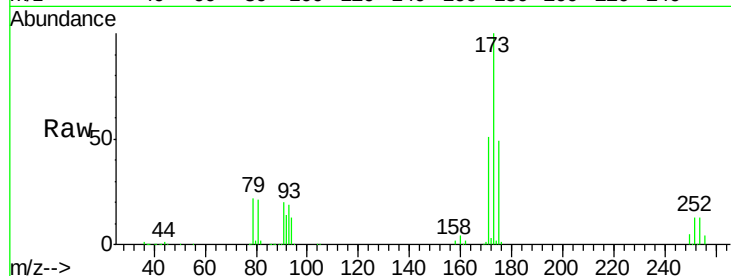
Tot Ion:173 Resp: 63463

Ion Ratio Lower Upper

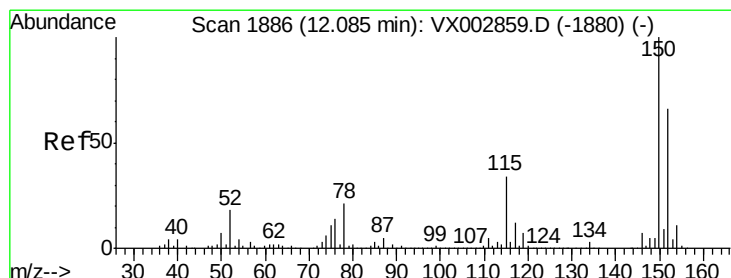
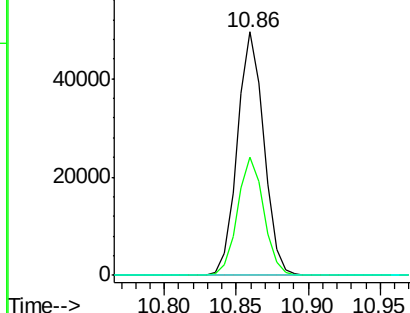
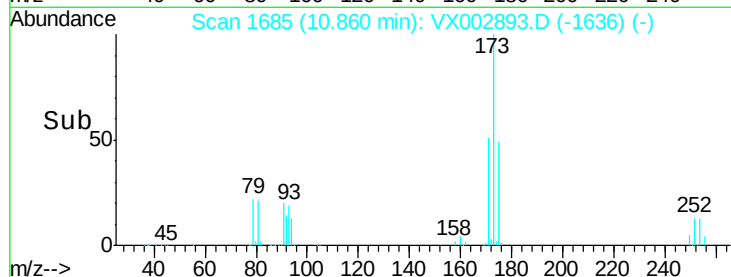
173 100

175 48.1 24.7 74.1

254 0.1 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# 1885

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

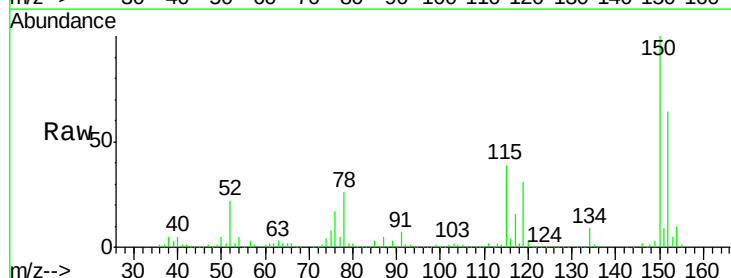
Tgt Ion:152 Resp: 231094

Ion Ratio Lower Upper

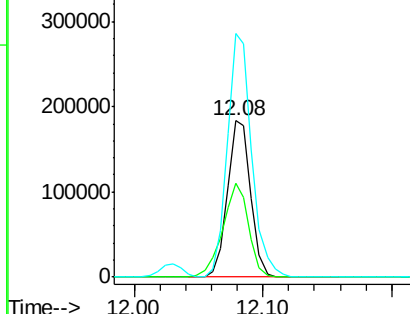
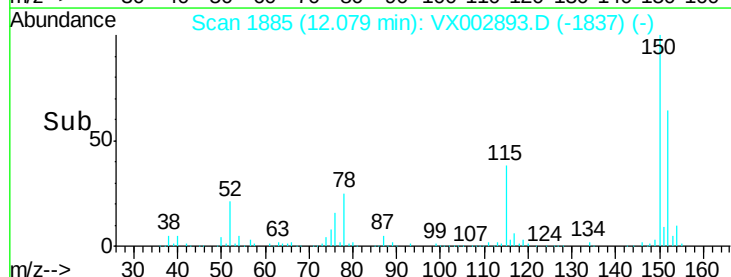
152 100

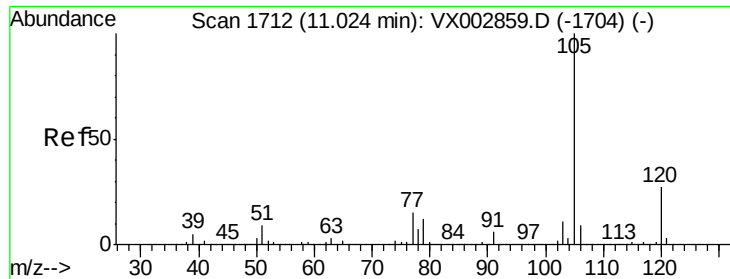
115 66.7 40.1 120.2

150 163.8 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: 24.50 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

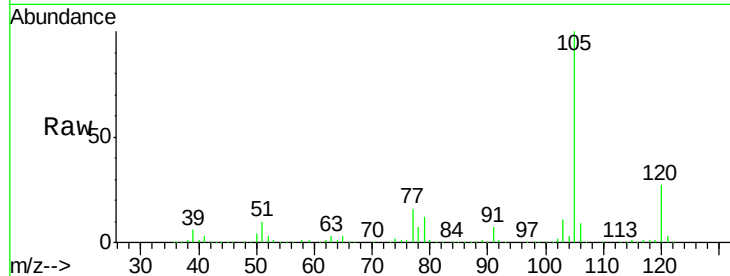
ClientSampleId :

Tot Ion:105 Resp: 380822

Ion Ratio Lower Upper

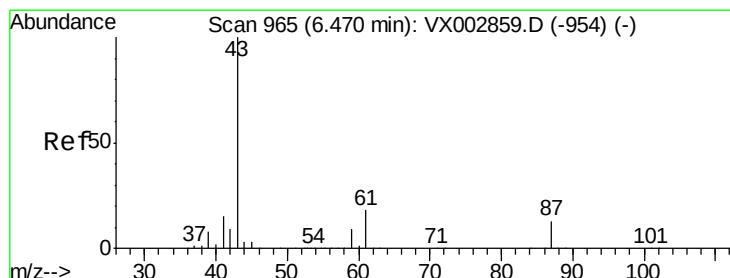
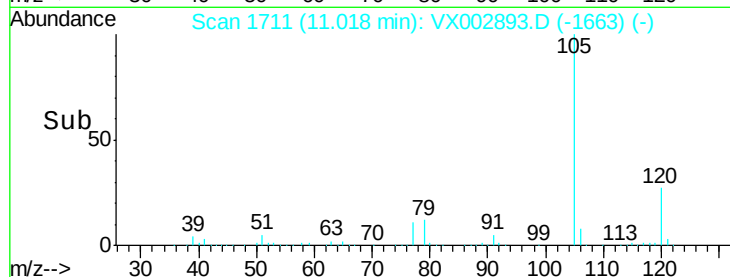
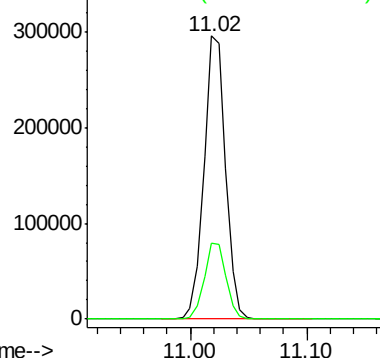
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.48 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion: 43 Resp: 170989

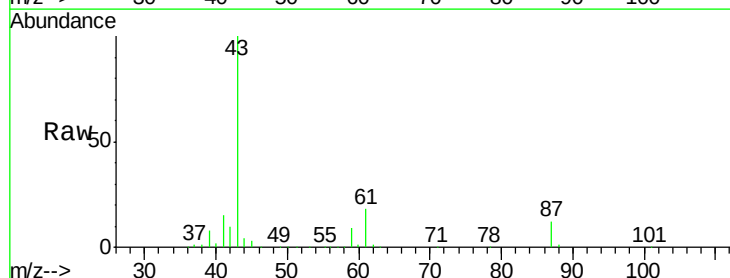
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.4 21.6

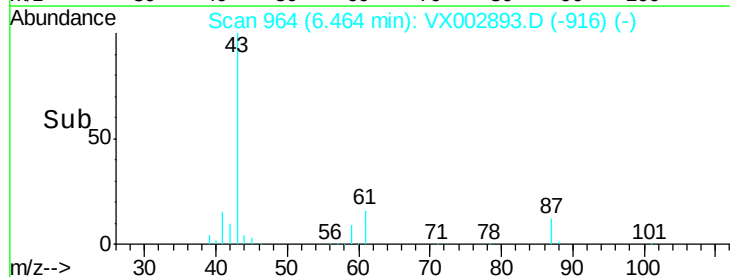
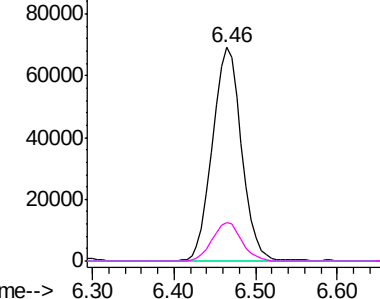


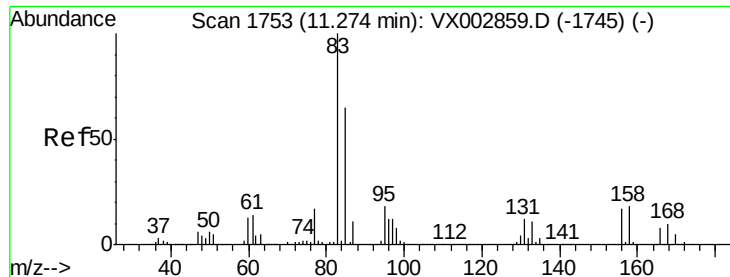
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.62 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

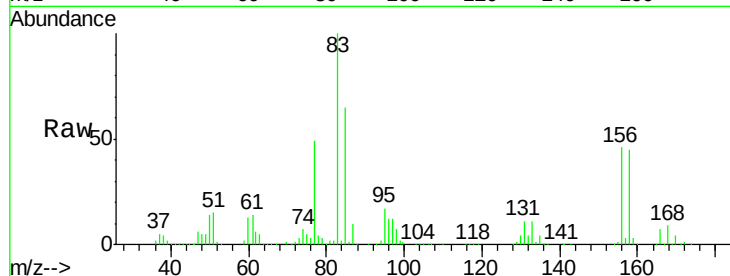
Tot Ion: 83 Resp: 113137

Ion Ratio Lower Upper

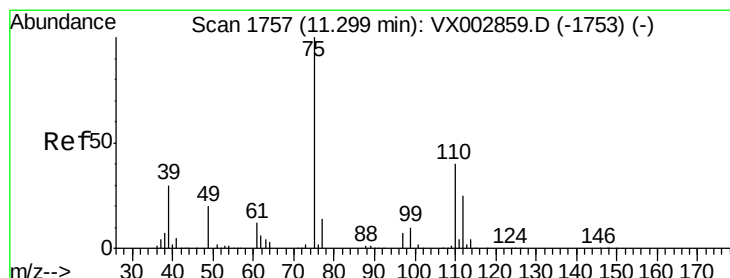
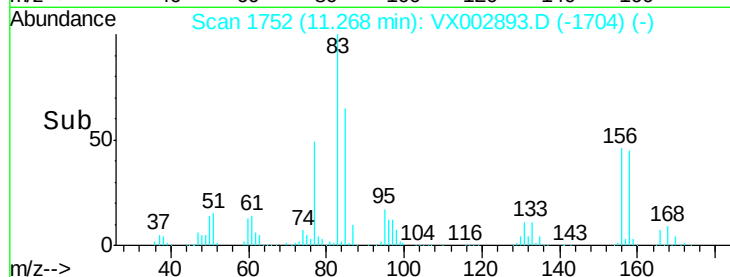
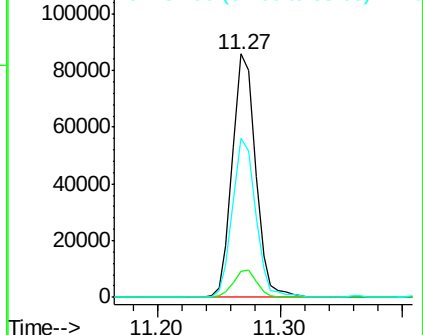
83 100

131 11.4 5.6 16.8

85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.69 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002893.D

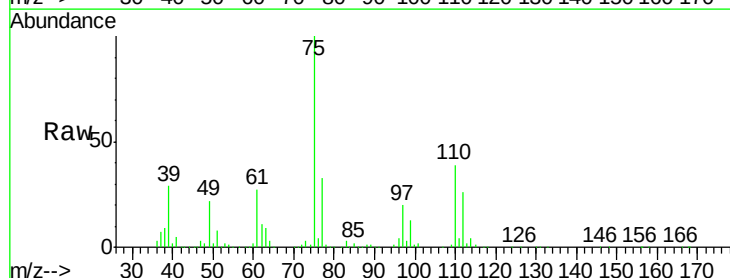
Acq: 26 Jun 2018 12:46

Tgt Ion: 75 Resp: 124278

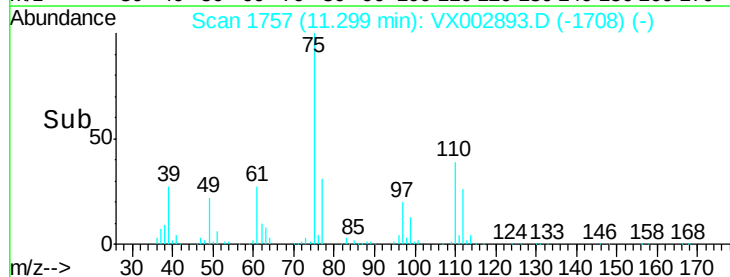
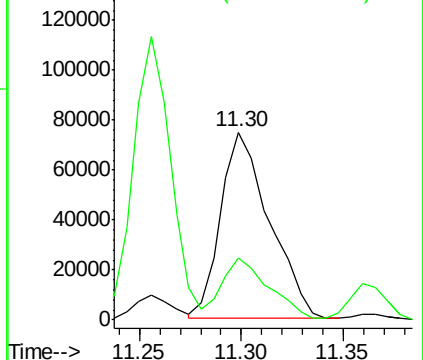
Ion Ratio Lower Upper

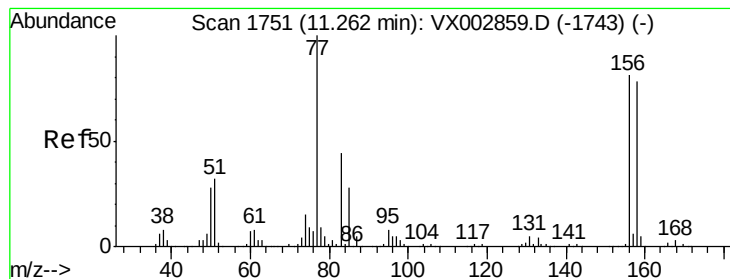
75 100

77 32.3 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: 23.62 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

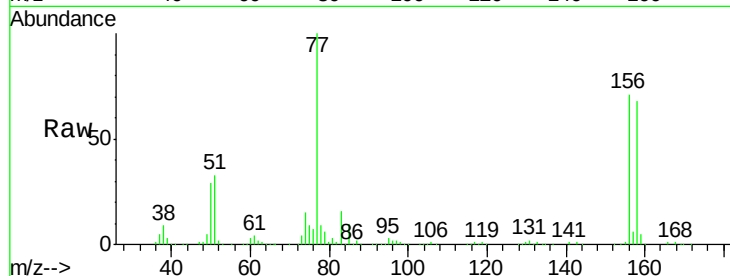
Tot Ion:156 Resp: 104564

Ion Ratio Lower Upper

156 100

77 138.1 71.4 214.2

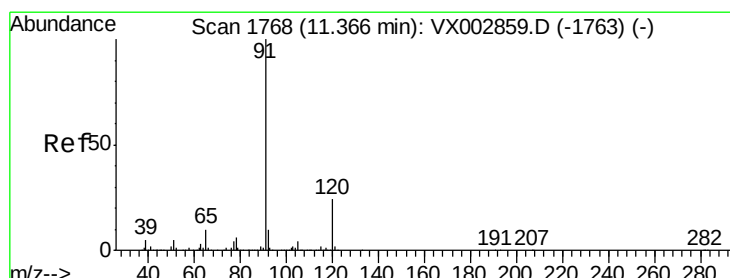
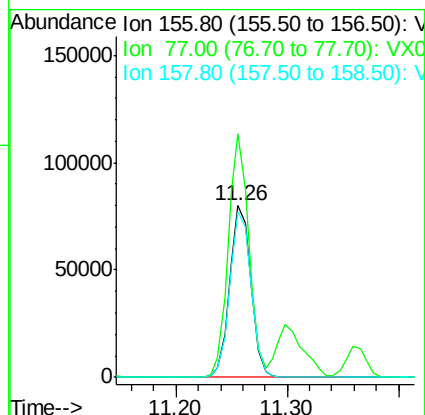
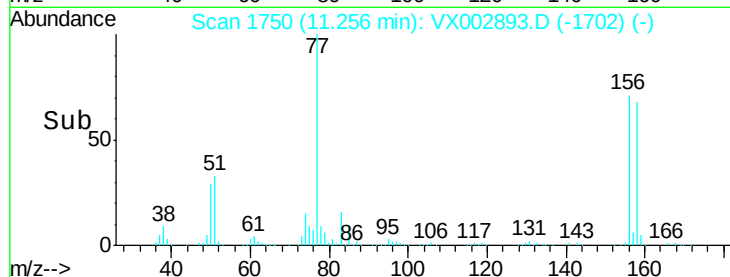
158 97.8 48.9 146.6



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: 24.72 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002893.D

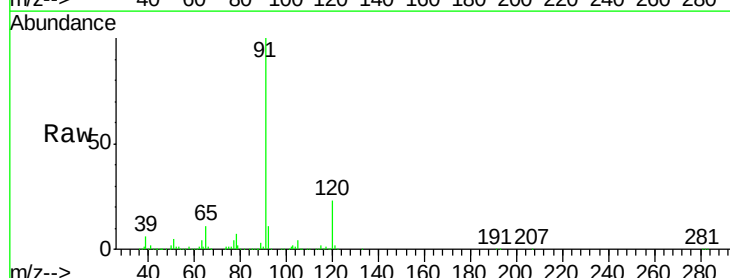
Acq: 26 Jun 2018 12:46

Tgt Ion: 91 Resp: 437403

Ion Ratio Lower Upper

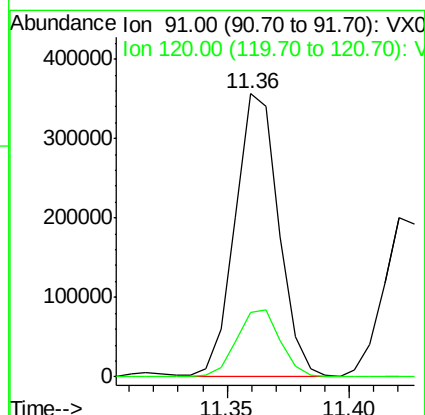
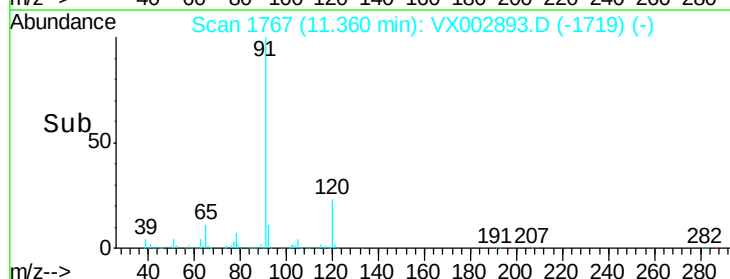
91 100

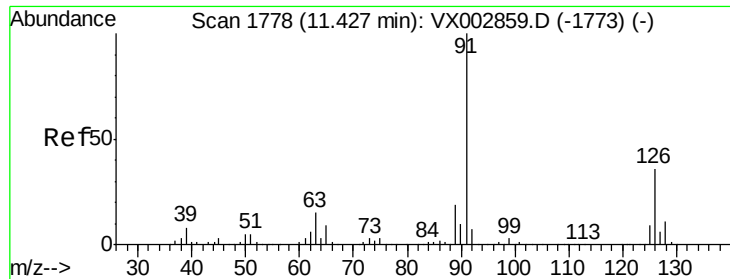
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.14 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

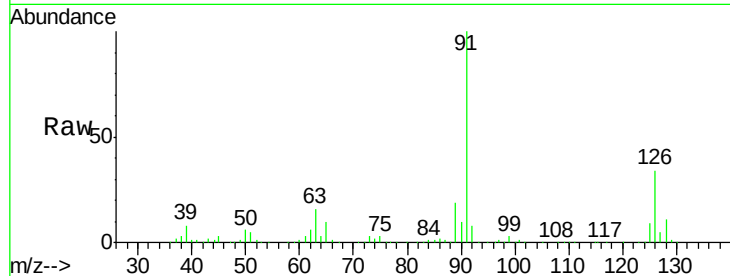
ClientSampleId :

Tot Ion: 91 Resp: 258573

Ion Ratio Lower Upper

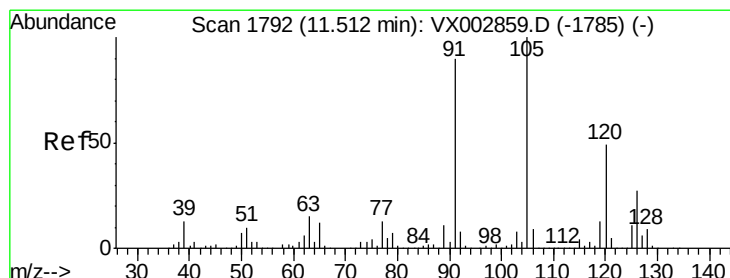
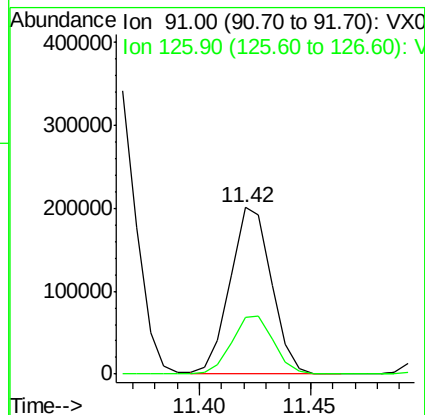
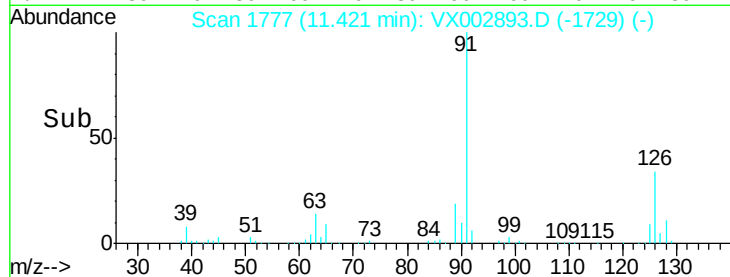
91 100

126 35.8 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: 24.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002893.D

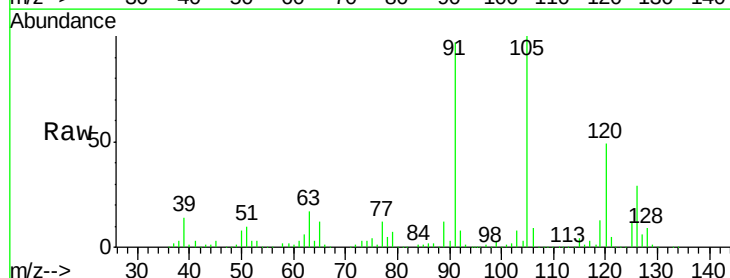
Acq: 26 Jun 2018 12:46

Tgt Ion:105 Resp: 322572

Ion Ratio Lower Upper

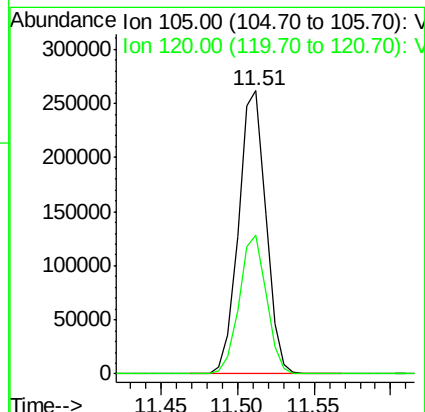
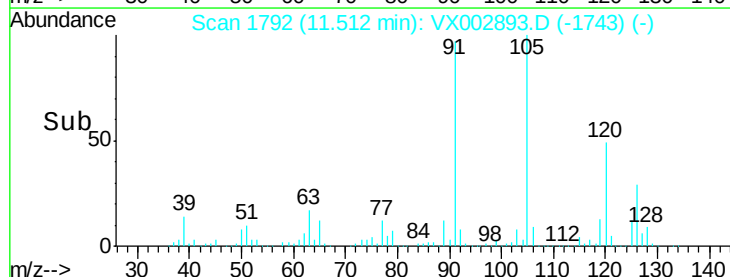
105 100

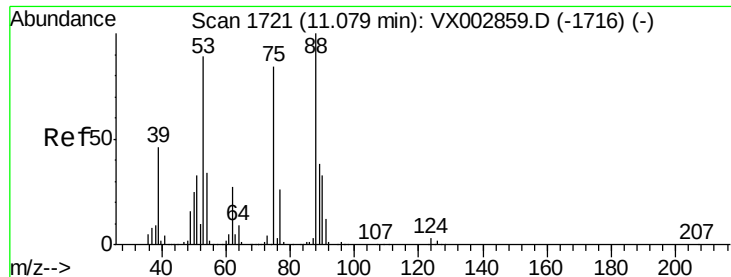
120 48.7 24.4 73.4



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: 21.67 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampled :

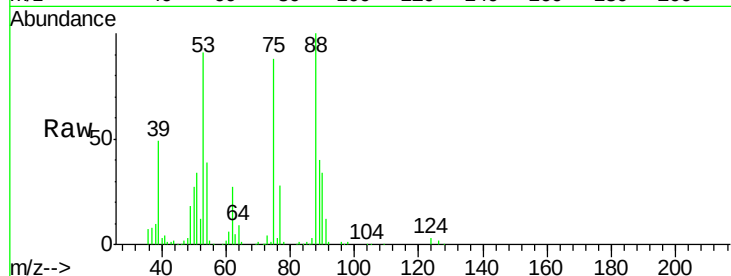
Tot Ion: 75 Resp: 28313

Ion Ratio Lower Upper

75 100

53 112.8 86.8 130.2

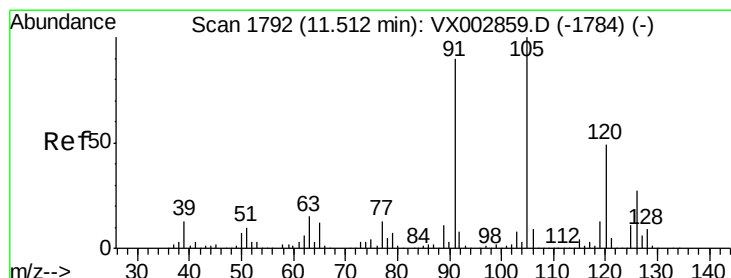
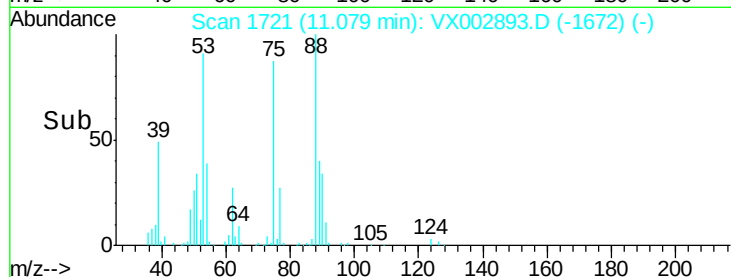
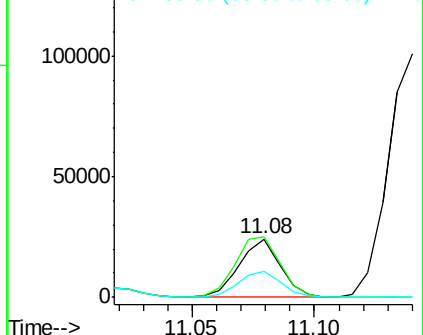
89 47.7 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 24.42 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002893.D

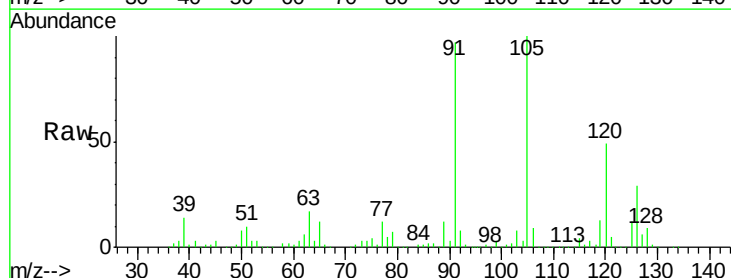
Acq: 26 Jun 2018 12:46

Tgt Ion: 91 Resp: 309767

Ion Ratio Lower Upper

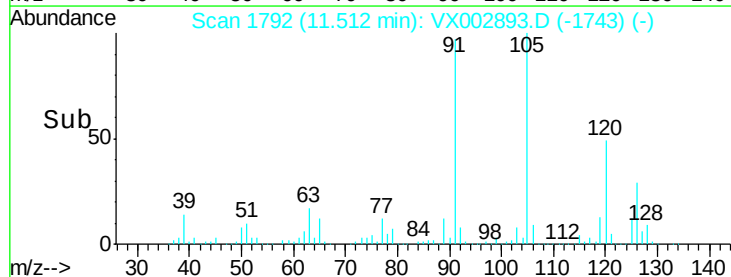
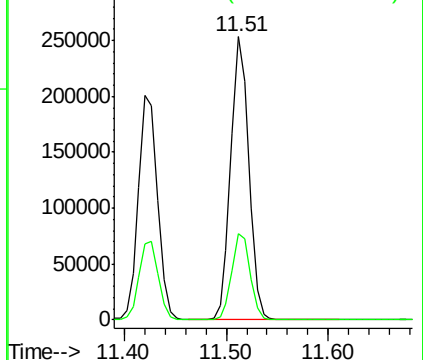
91 100

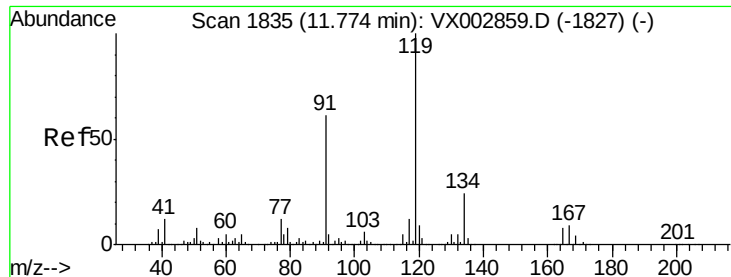
126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

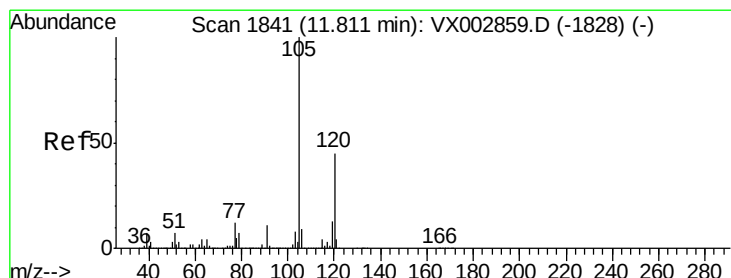
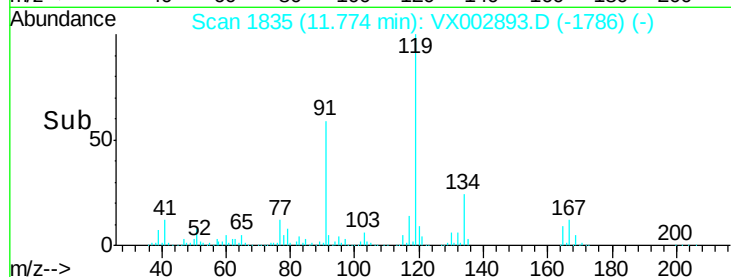
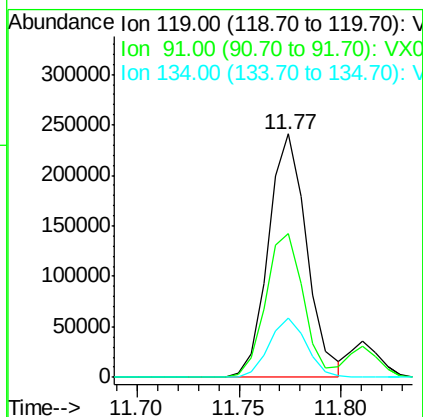
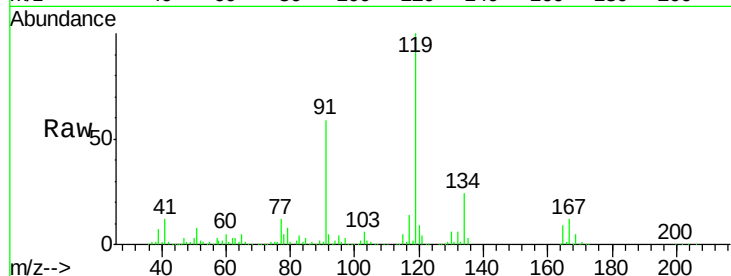




#83
 tert-Butylbenzene
 Concen: 24.46 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

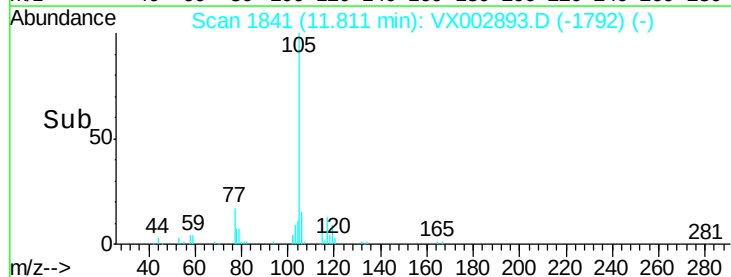
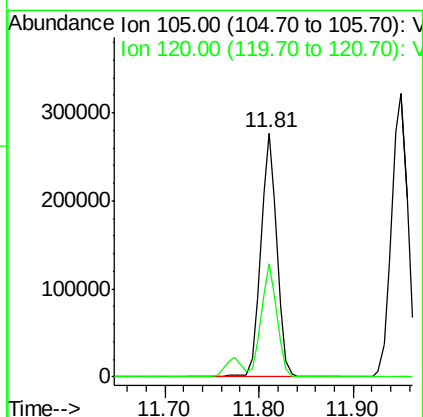
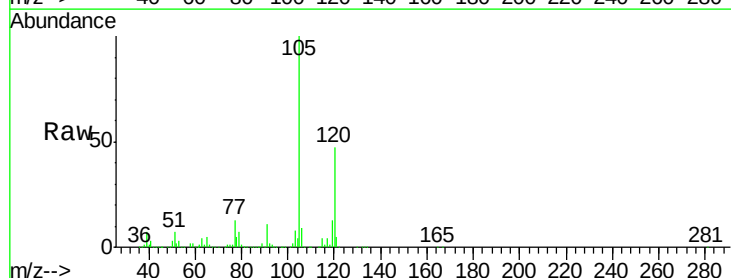
Instrument :
 MSVOA_X
 ClientSampleId :

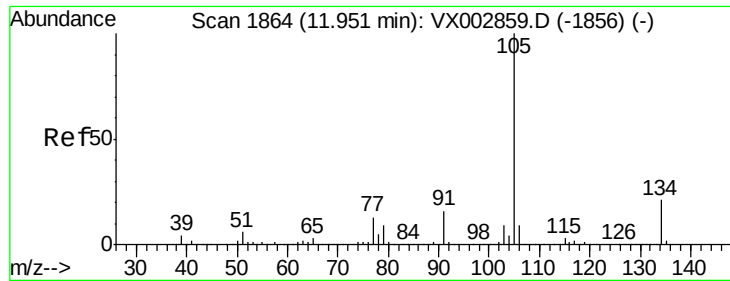
Tot Ion:119 Resp: 315653
 Ion Ratio Lower Upper
 119 100
 91 57.7 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 24.58 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion:105 Resp: 333501
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 24.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

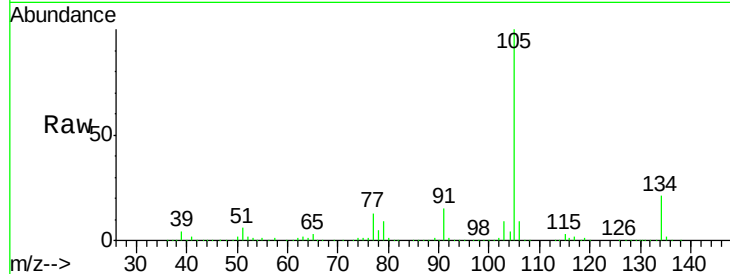
ClientSampleId :

Tot Ion:105 Resp: 388104

Ion Ratio Lower Upper

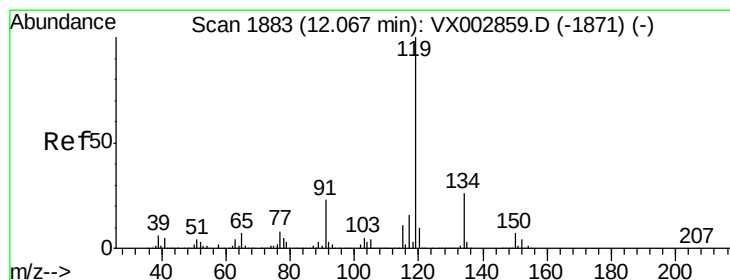
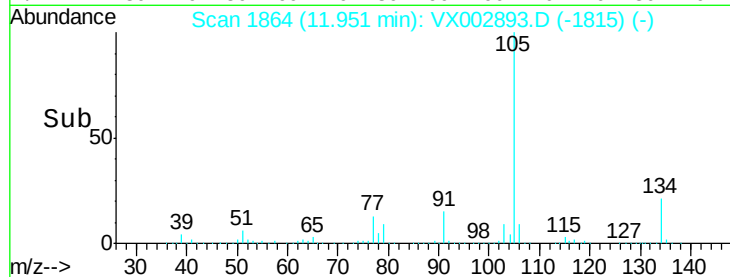
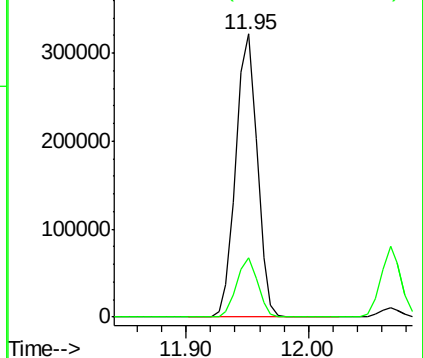
105 100

134 20.6 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: 24.79 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

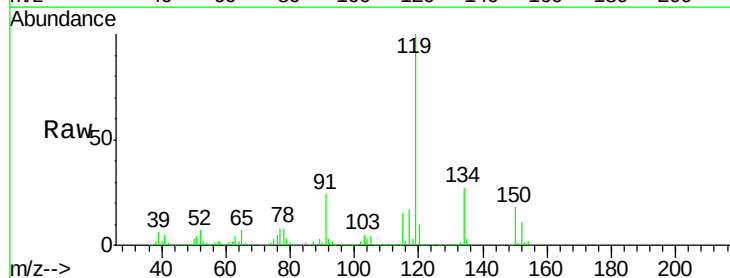
Tgt Ion:119 Resp: 348926

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

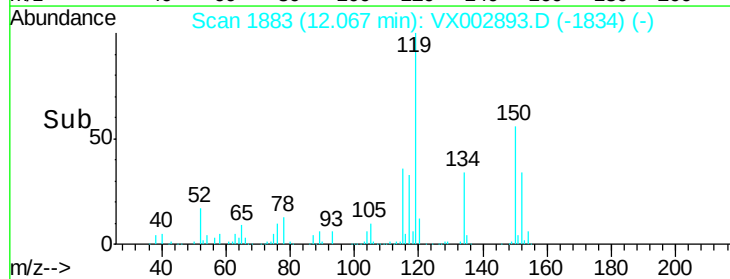
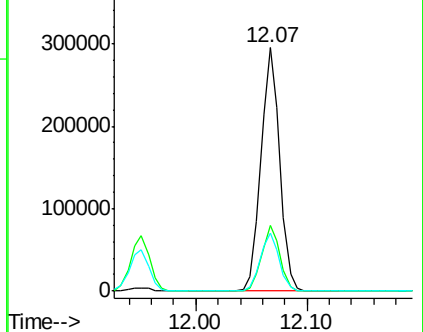
91 24.1 11.9 35.7

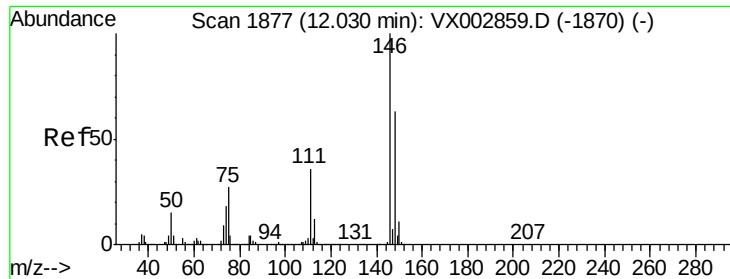


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

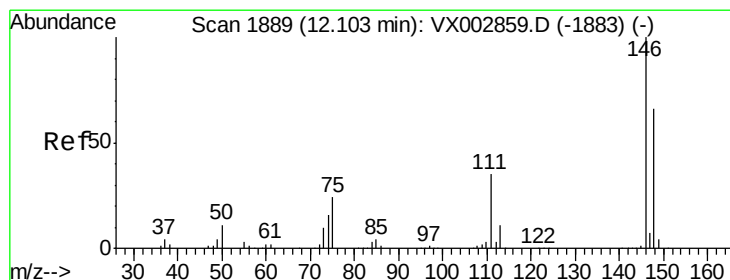
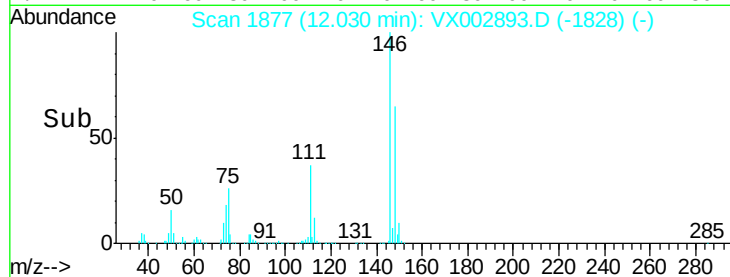
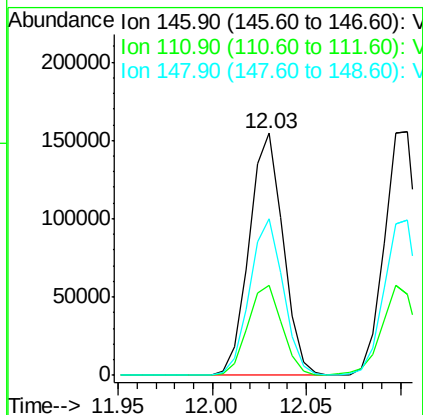
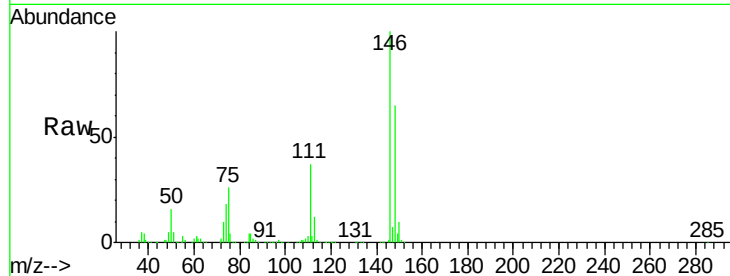




#87
 1,3-Dichlorobenzene
 Concen: 23.87 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

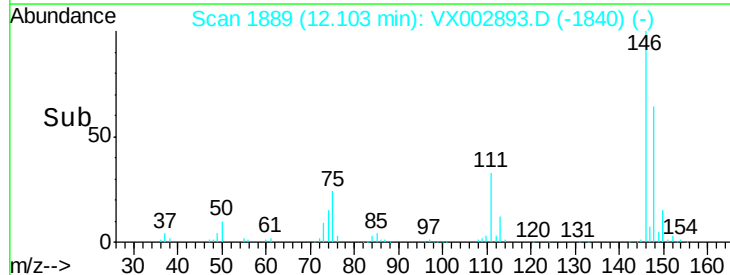
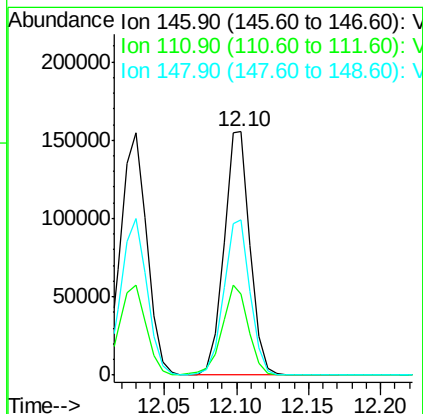
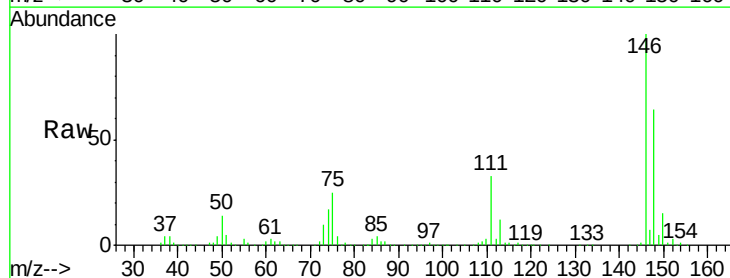
Instrument :
 MSVOA_X
 ClientSampled :

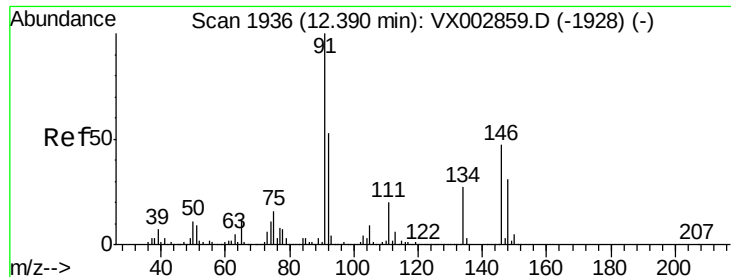
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 23.74 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 24.74 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

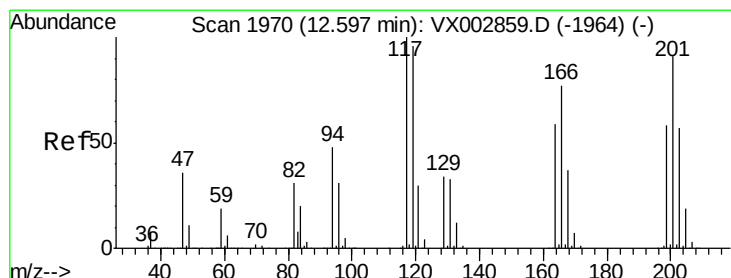
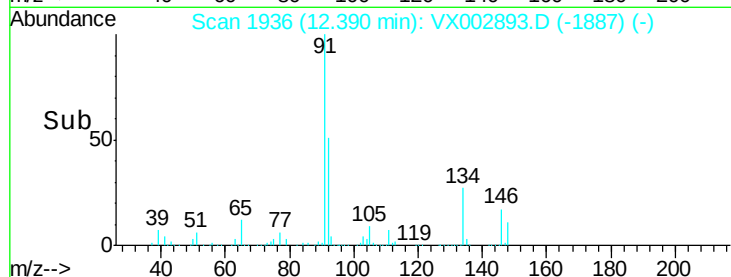
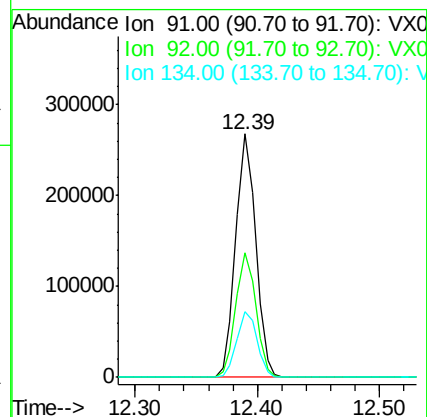
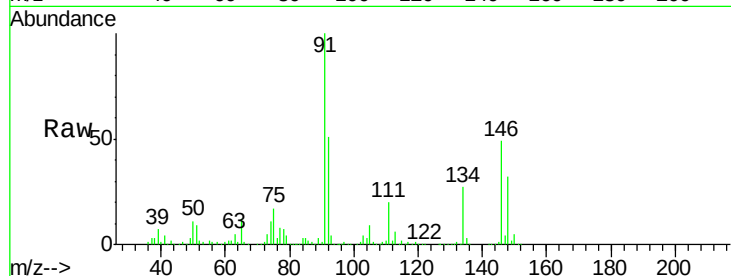
Tot Ion: 91 Resp: 303051

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 23.13 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002893.D

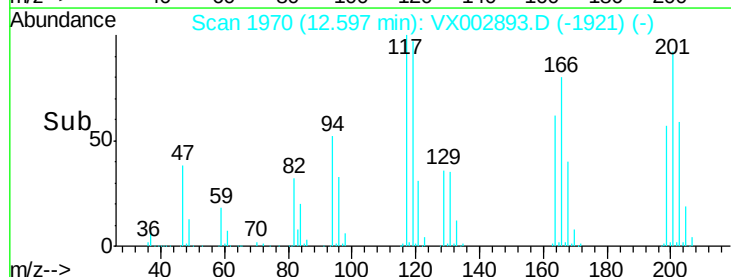
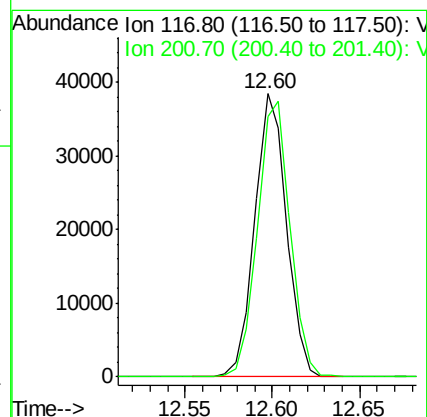
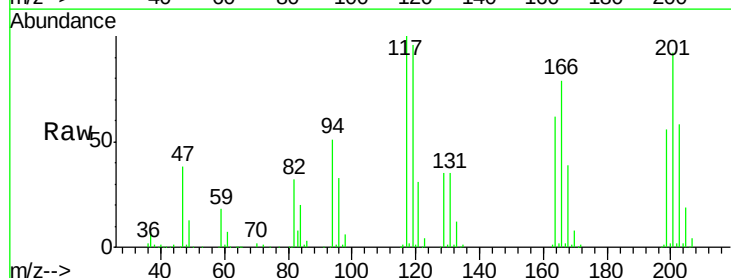
Acq: 26 Jun 2018 12:46

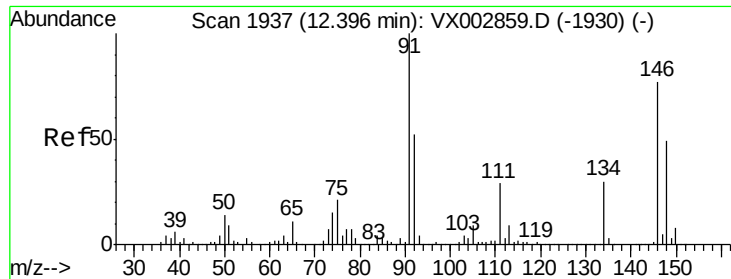
Tgt Ion: 117 Resp: 48425

Ion Ratio Lower Upper

117 100

201 100.1 49.0 147.0

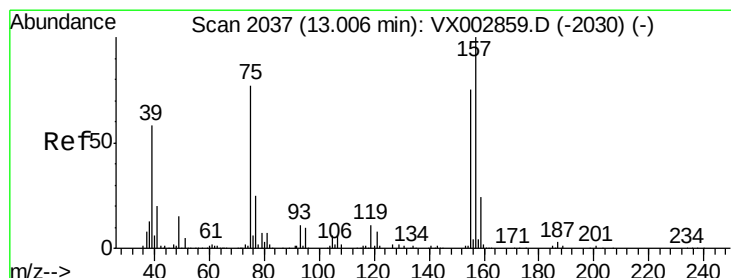
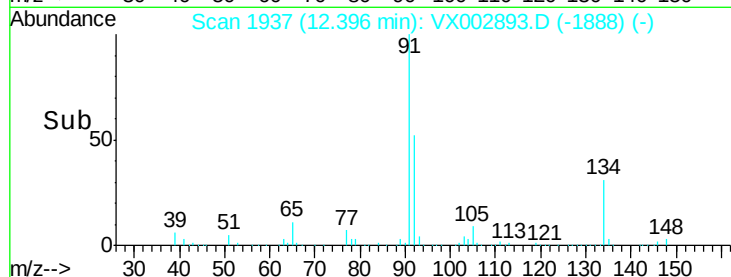
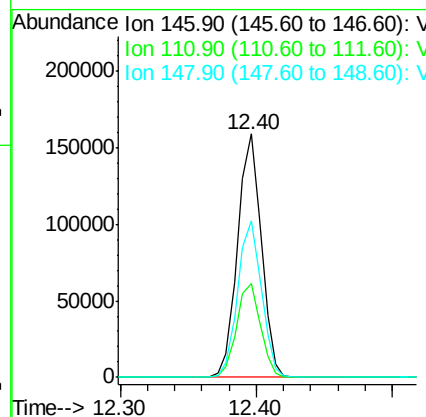
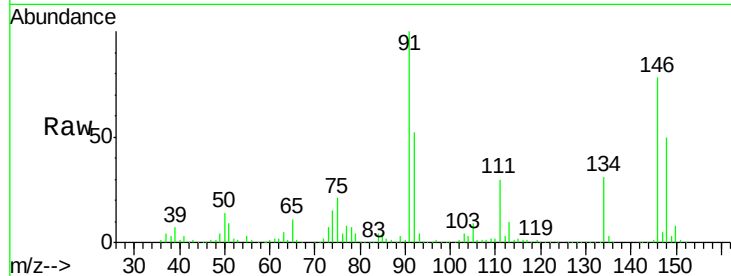




#91
 1,2-Dichlorobenzene
 Concen: 23.71 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

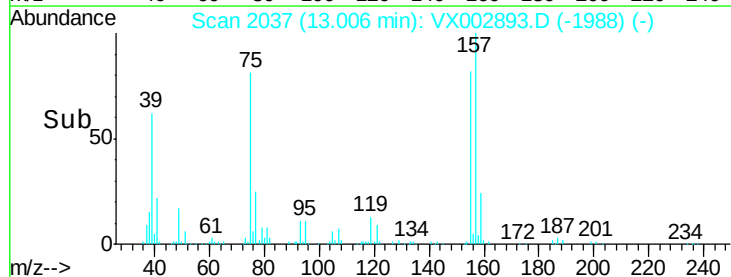
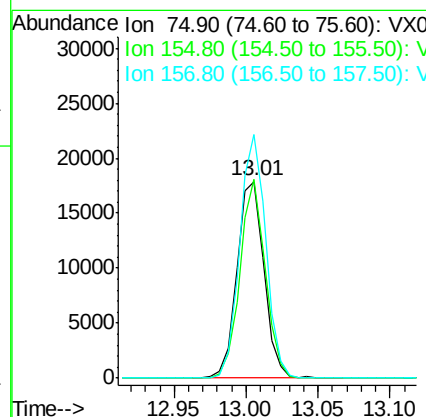
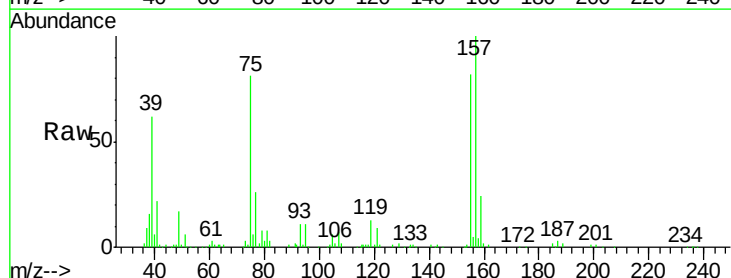
Instrument :
 MSVOA_X
 ClientSampleId :

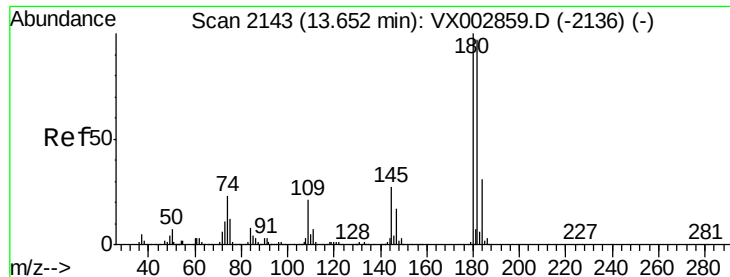
Tot Ion:146 Resp: 193464
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.95 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion: 75 Resp: 23633
 Ion Ratio Lower Upper
 75 100
 155 93.3 45.8 137.4
 157 118.0 60.1 180.3

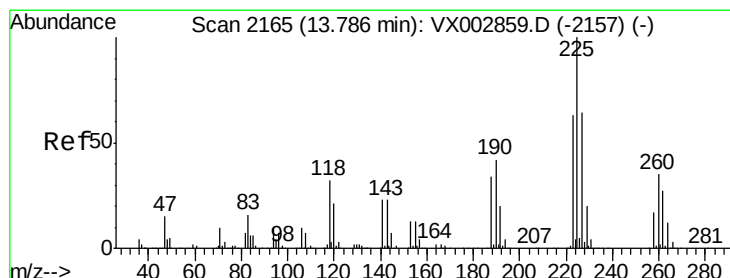
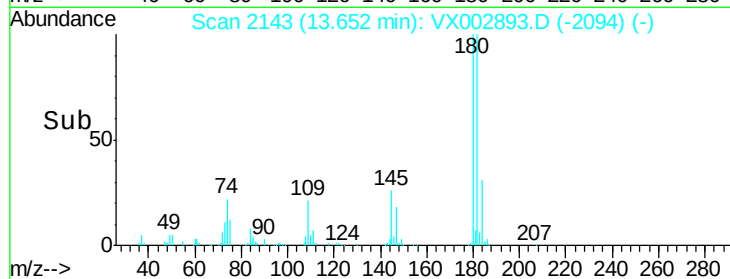
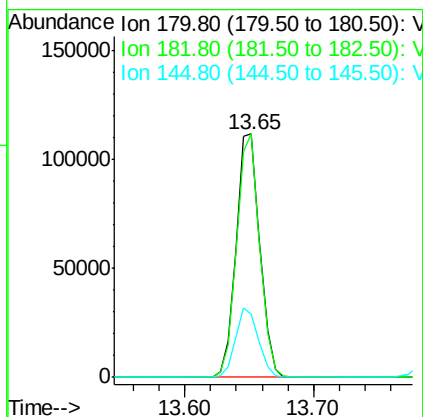
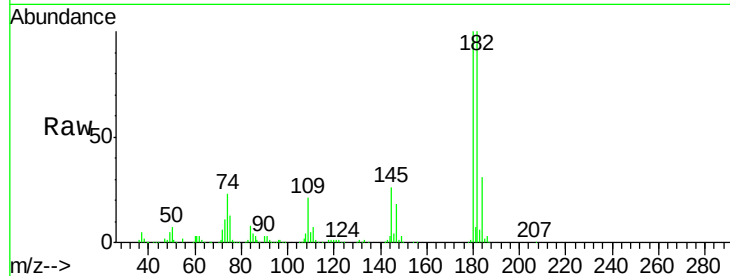




#93
 1,2,4-Trichlorobenzene
 Concen: 23.95 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

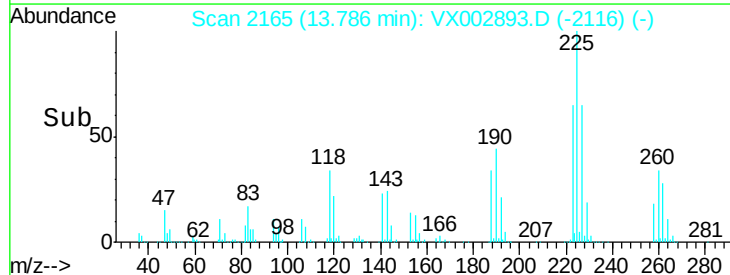
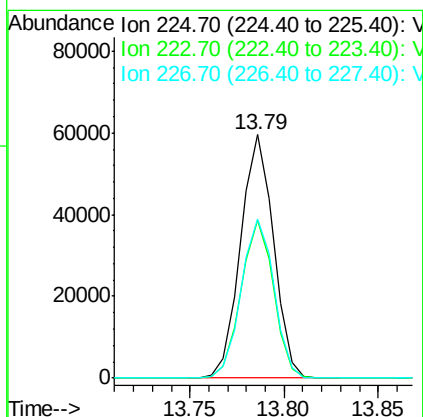
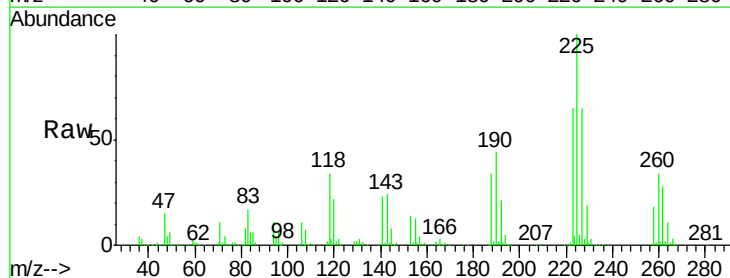
Instrument :
 MSVOA_X
 ClientSampleId :

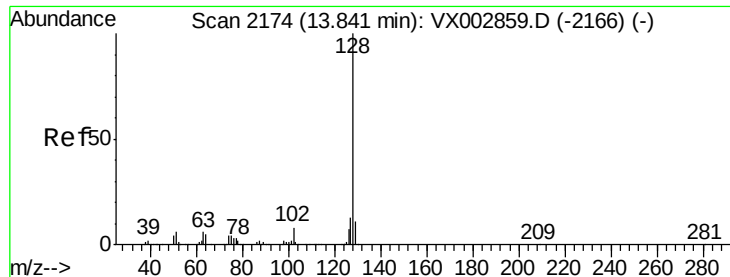
Tot Ion:180 Resp: 142255
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 24.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion:225 Resp: 72227
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.6 95.0
 227 65.3 32.4 97.2

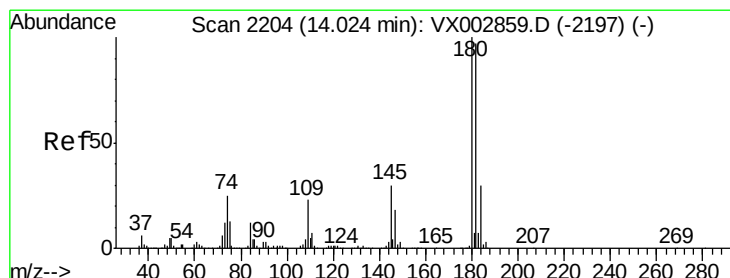
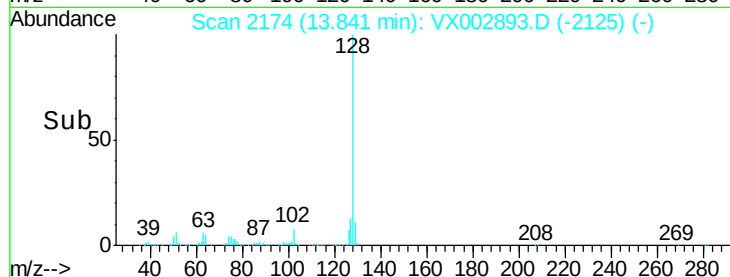
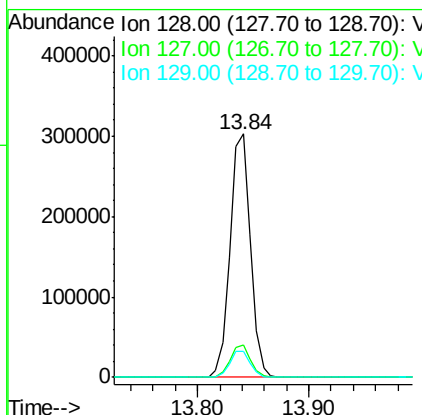
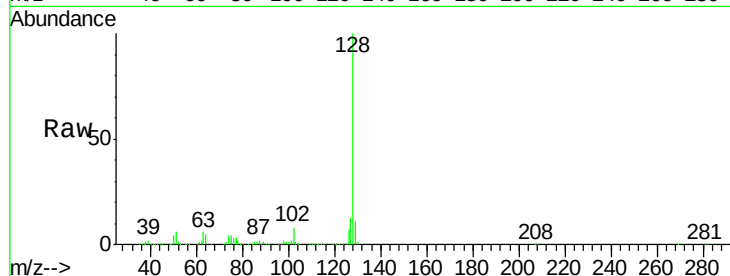




#95
Naphthalene
Concen: 24.08 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 24.34 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	30.2	14.8	44.3

