

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003143.D
 Acq On : 03 Jul 2018 12:31
 Operator : JC/MD
 Sample : VX0703WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:12:14 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	267680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170092	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
35) Dibromofluoromethane	5.51	113	141591	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	8.72	98	504732	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	190118	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	52072	21.62	ug/l	98
3) Chloromethane	1.32	50	53018	20.67	ug/l	100
4) Vinyl Chloride	1.40	62	59937	19.80	ug/l	96
5) Bromomethane	1.64	94	24981	15.82	ug/l	96
6) Chloroethane	1.72	64	39870	21.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	95921	18.78	ug/l	99
8) Diethyl Ether	2.19	74	35126	18.92	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56780	19.19	ug/l	97
10) Methyl Iodide	2.51	142	39372	17.71	ug/l	98
11) Tert butyl alcohol	3.08	59	67608	91.73	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50252	19.04	ug/l	93
13) Acrolein	2.29	56	21334	55.56	ug/l	98
14) Allyl chloride	2.73	41	97262	18.69	ug/l	96
15) Acrylonitrile	3.15	53	153131	97.27	ug/l	100
16) Acetone	2.45	43	136365	89.00	ug/l	96
17) Carbon Disulfide	2.57	76	134964	19.19	ug/l	99
18) Methyl Acetate	2.78	43	72574	16.94	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	175167	18.46	ug/l	100
20) Methylene Chloride	2.85	84	56924	19.09	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	55227	19.21	ug/l	93
22) Diisopropyl ether	3.88	45	184220	18.52	ug/l	97
23) Vinyl Acetate	3.83	43	811826	96.38	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100199	18.53	ug/l	99
25) 2-Butanone	4.71	43	222388	97.80	ug/l	97
26) 2,2-Dichloropropane	4.59	77	80397	18.29	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	63019	19.55	ug/l	98
28) Bromochloromethane	5.02	49	46791	18.08	ug/l	92
29) Tetrahydrofuran	5.17	42	144334	98.98	ug/l	97
30) Chloroform	5.22	83	107657	19.40	ug/l	97
31) Cyclohexane	5.57	56	91439	19.71	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	93997	19.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78012	20.13	ug/l	97
37) Ethyl Acetate	4.87	43	87431	20.95	ug/l	99
38) Carbon Tetrachloride	5.78	117	84978	19.98	ug/l	97

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 ClientSampleId :

Quant Time: Jul 04 03:12:14 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	91396	20.24	ug/l	95
40) Benzene	6.15	78	231368	20.55	ug/l	97
41) Methacrylonitrile	5.07	41	49256	20.50	ug/l	97
42) 1,2-Dichloroethane	6.20	62	87348	19.20	ug/l	99
43) Isopropyl Acetate	6.47	43	137299	19.62	ug/l	97
44) Trichloroethene	7.22	130	68803	20.49	ug/l	96
45) 1,2-Dichloropropane	7.52	63	60328	20.20	ug/l	98
46) Dibromomethane	7.66	93	41442	19.99	ug/l	96
47) Bromodichloromethane	7.90	83	76038	19.84	ug/l	96
48) Methyl methacrylate	7.78	41	69290	19.21	ug/l	95
49) 1,4-Dioxane	7.76	88	28169	401.49	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	440215	100.53	ug/l	97
52) Toluene	8.79	92	147934	20.51	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88184	20.32	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	80275	19.22	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61239	20.66	ug/l	99
56) Ethyl methacrylate	9.19	69	87221	20.13	ug/l	93
57) 1,3-Dichloropropane	9.38	76	97284	19.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	210424	100.67	ug/l	97
59) 2-Hexanone	9.50	43	336880	101.23	ug/l	97
60) Dibromochloromethane	9.59	129	62960	20.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63957	20.57	ug/l	100
64) Tetrachloroethene	9.34	164	77944	21.25	ug/l	97
65) Chlorobenzene	10.14	112	170269	20.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62751	20.62	ug/l	100
67) Ethyl Benzene	10.26	91	282631	20.42	ug/l	99
68) m/p-Xylenes	10.36	106	220626	41.37	ug/l	99
69) o-Xylene	10.70	106	105717	20.36	ug/l	98
70) Styrene	10.71	104	176383	20.90	ug/l	99
71) Bromoform	10.86	173	48475	20.16	ug/l #	99
73) Isopropylbenzene	11.02	105	290981	20.77	ug/l	99
74) N-amyl acetate	6.47	43	137299	20.03	ug/l #	98
75) 1,1,1,2-Tetrachloroethane	11.27	83	89083	20.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	99471	26.36	ug/l	80
77) Bromobenzene	11.26	156	81076	20.32	ug/l	96
78) n-propylbenzene	11.37	91	328746	20.61	ug/l	99
79) 2-Chlorotoluene	11.43	91	195862	20.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241787	20.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21418	18.72	ug/l	93
82) 4-Chlorotoluene	11.51	91	230014	20.12	ug/l	98
83) tert-Butylbenzene	11.77	119	236436	20.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249899	20.44	ug/l	97
85) sec-Butylbenzene	11.95	105	284818	20.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	258160	20.35	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148969	20.44	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149679	19.96	ug/l	100
89) n-Butylbenzene	12.39	91	212797	19.27	ug/l	99
90) Hexachloroethane	12.60	117	38026	20.15	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	146907	19.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19439	20.03	ug/l	96

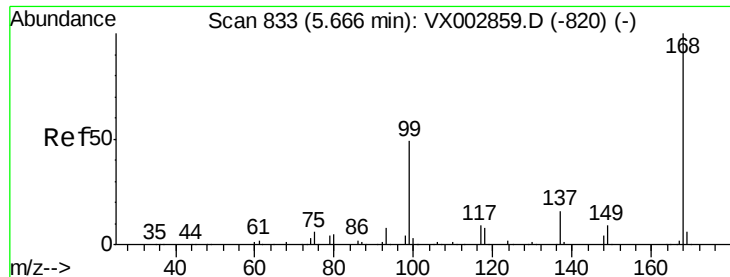
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105838	19.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	51950	19.46	ug/l	100
95) Naphthalene	13.84	128	291501	20.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110461	20.66	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: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

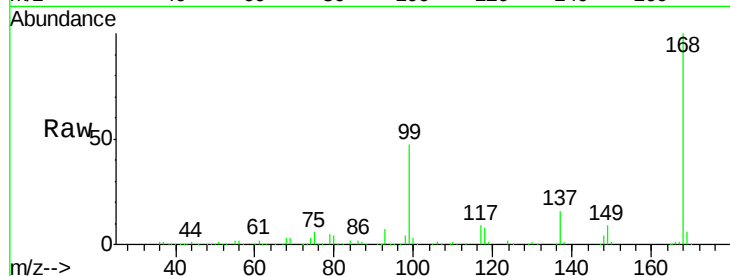
ClientSampleId :

Tot Ion:168 Resp: 267680

Ion Ratio Lower Upper

168 100

99 46.7 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

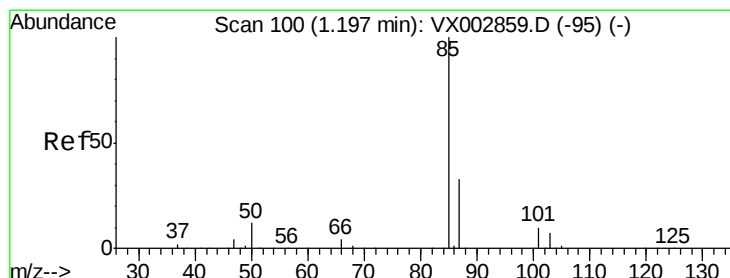
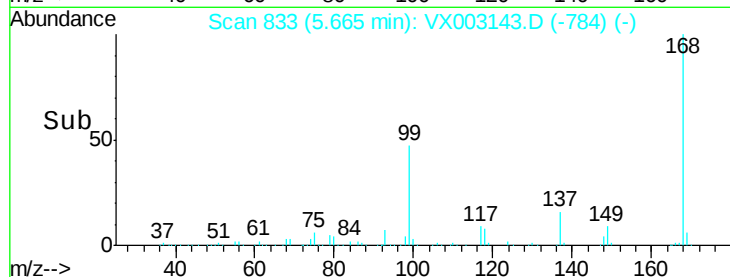
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 21.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003143.D

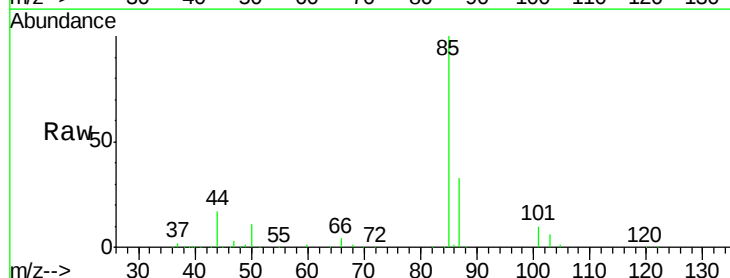
Acq: 03 Jul 2018 12:31

Tgt Ion: 85 Resp: 52072

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

50000

40000

30000

20000

10000

0

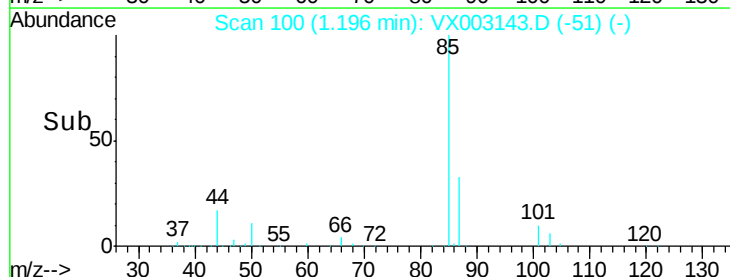
Time-->

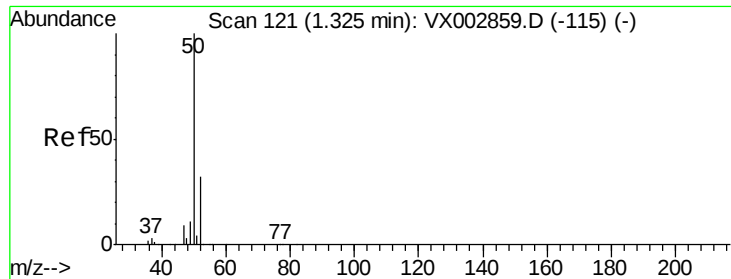
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 20.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

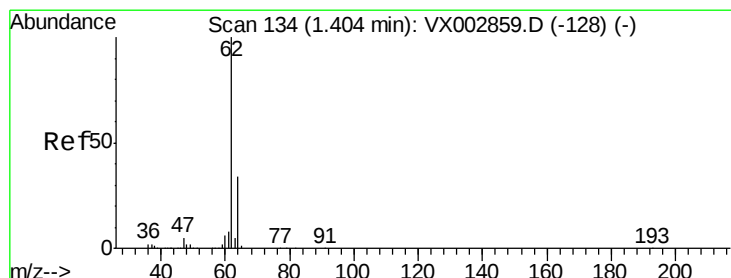
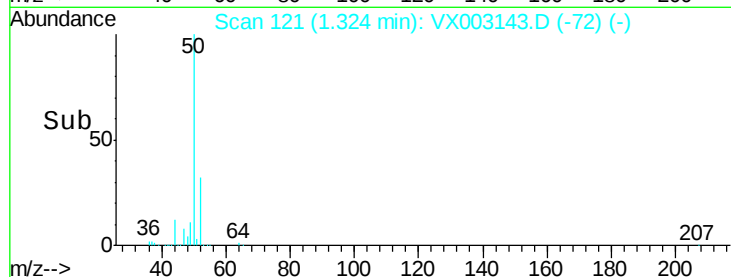
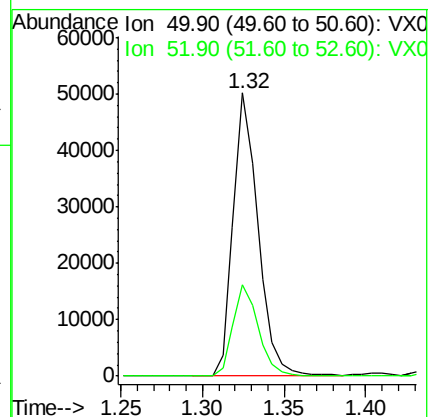
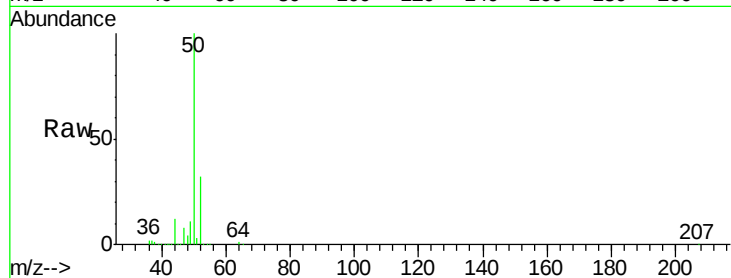
ClientSampleId :

Tot Ion: 50 Resp: 53018

Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



#4

Vinyl Chloride

Concen: 19.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003143.D

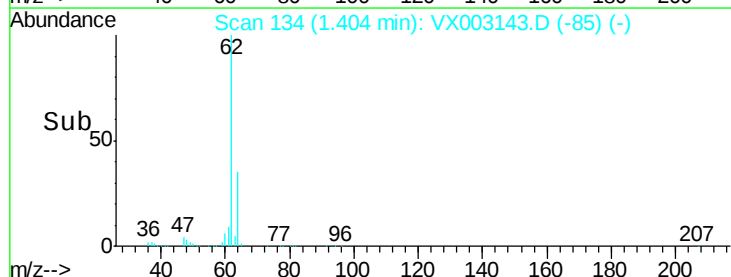
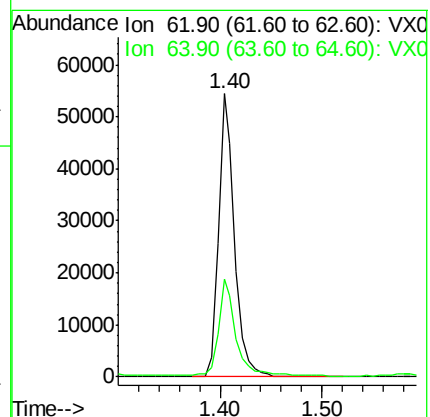
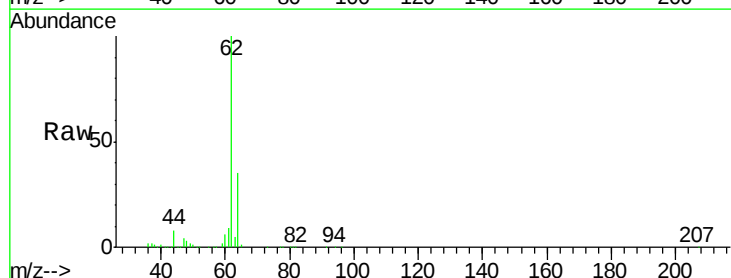
Acq: 03 Jul 2018 12:31

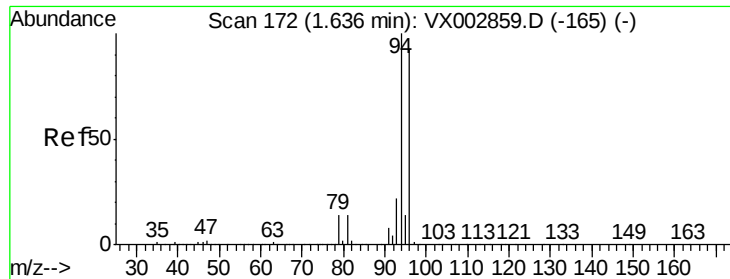
Tgt Ion: 62 Resp: 59937

Ion Ratio Lower Upper

62 100

64 34.2 25.4 38.2





#5

Bromomethane

Concen: 15.82 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

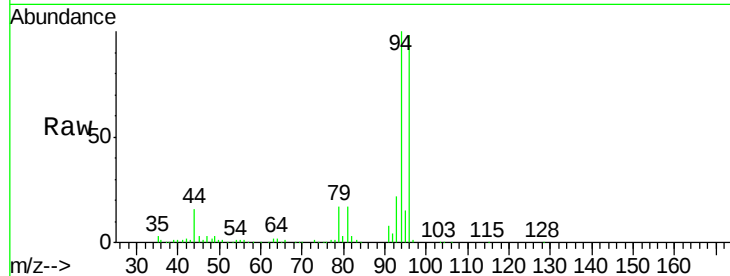
ClientSampleId :

Tot Ion: 94 Resp: 24981

Ion Ratio Lower Upper

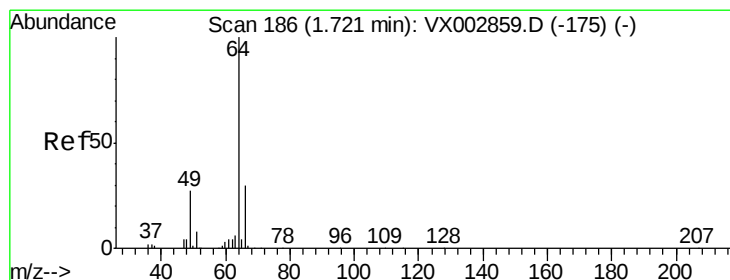
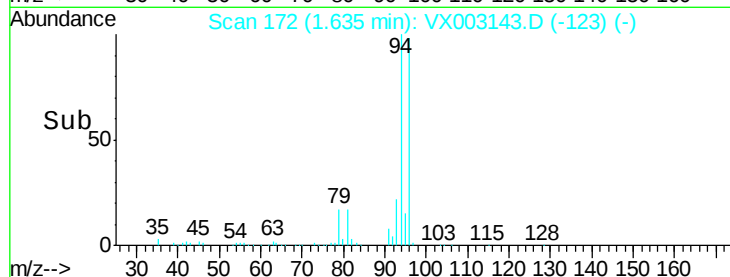
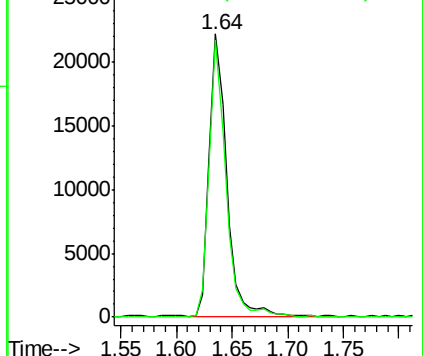
94 100

96 97.7 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: 21.23 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003143.D

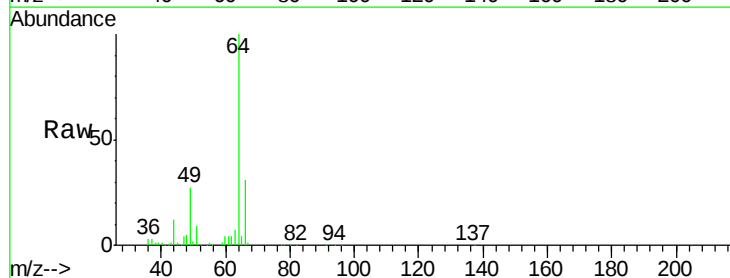
Acq: 03 Jul 2018 12:31

Tgt Ion: 64 Resp: 39870

Ion Ratio Lower Upper

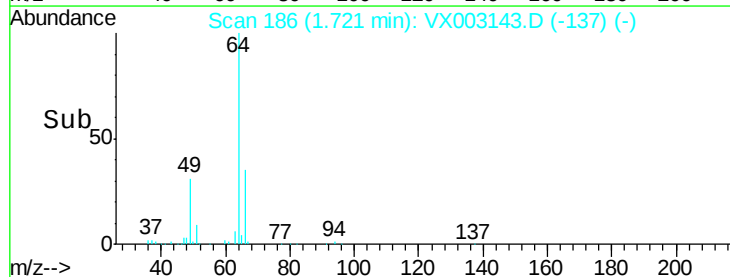
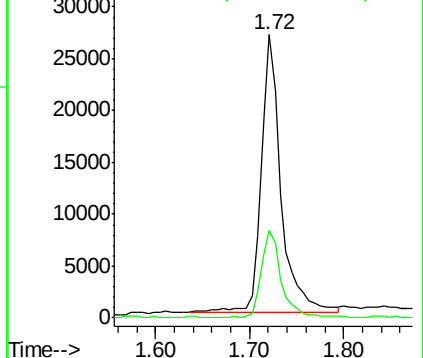
64 100

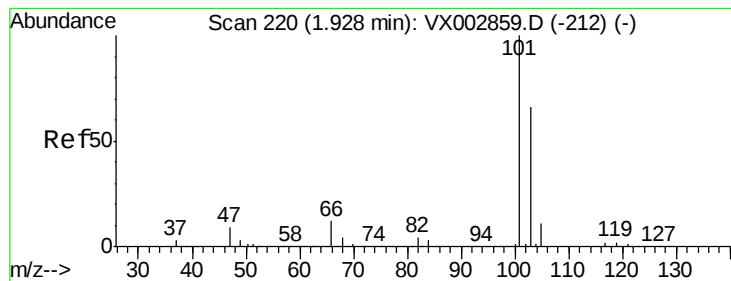
66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



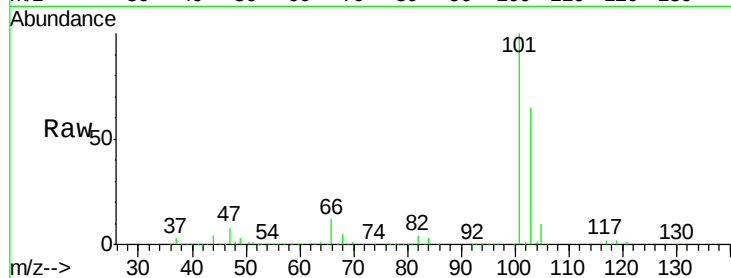


#7

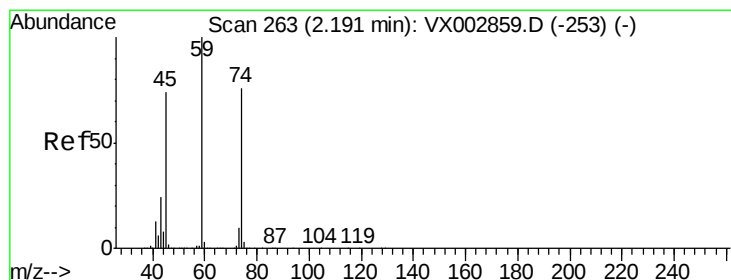
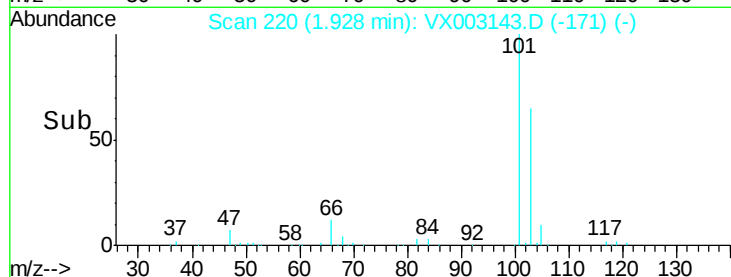
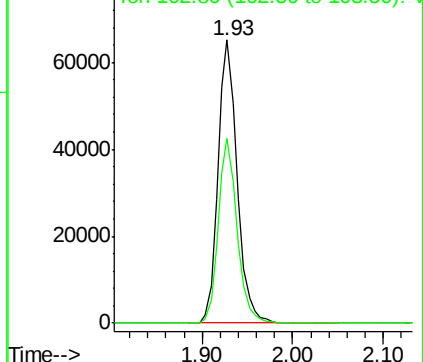
Trichlorofluoromethane
Concen: 18.78 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 95921
Ion Ratio Lower Upper
101 100
103 65.4 52.8 79.2



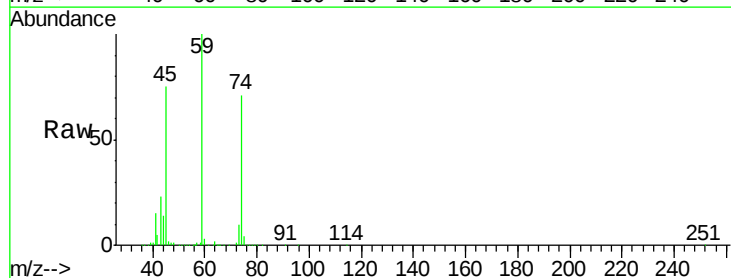
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



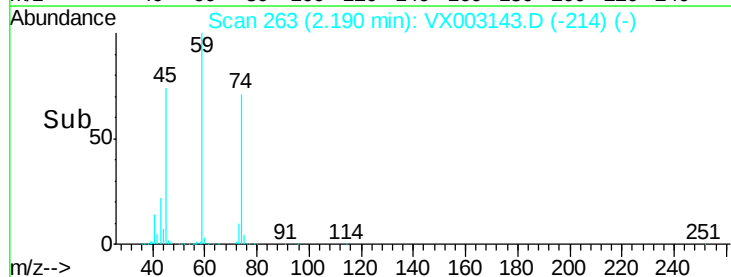
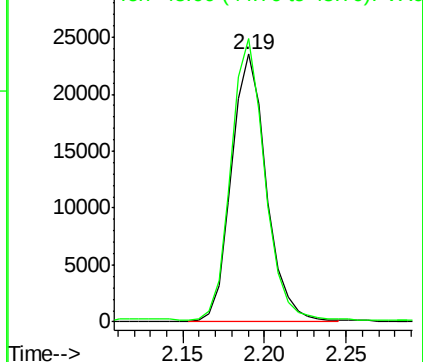
#8

Diethyl Ether
Concen: 18.92 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 74 Resp: 35126
Ion Ratio Lower Upper
74 100
45 102.0 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: 19.19 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

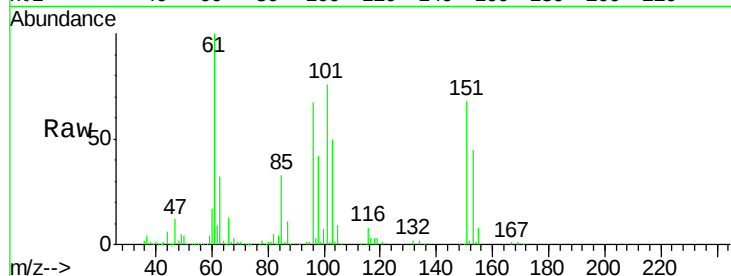
Tot Ion:101 Resp: 56780

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

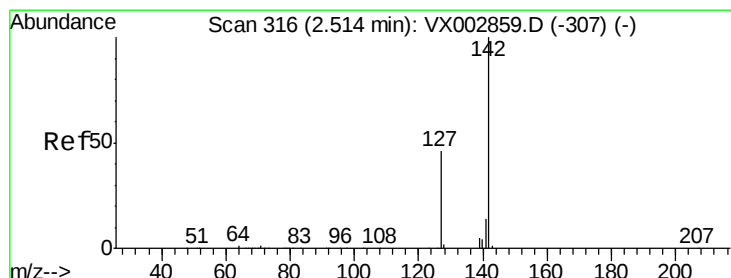
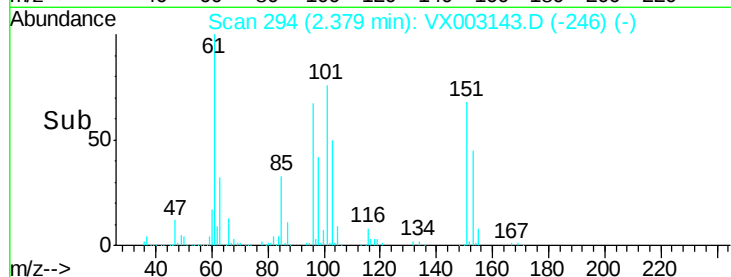
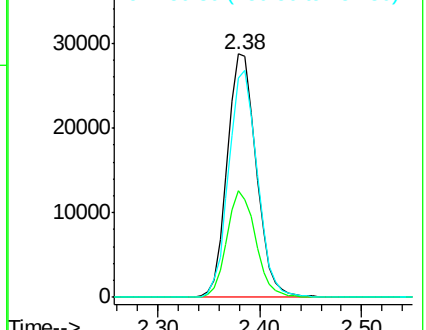
151 91.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.71 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

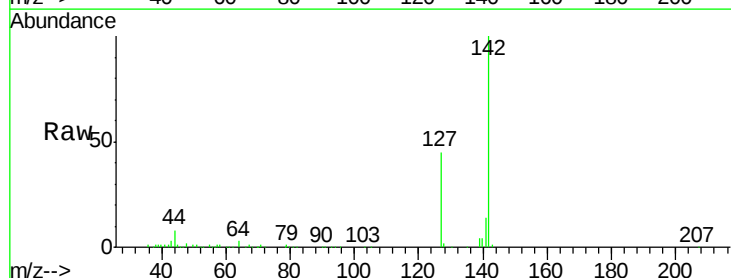
Tgt Ion:142 Resp: 39372

Ion Ratio Lower Upper

142 100

127 44.3 36.6 55.0

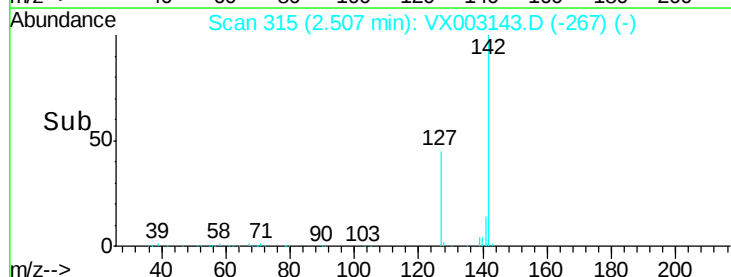
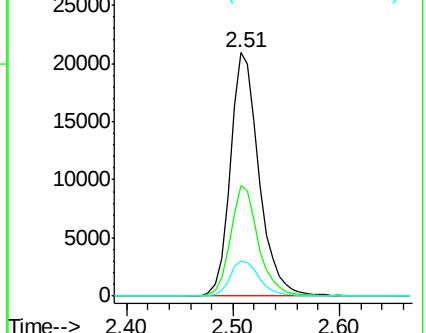
141 14.9 11.3 16.9

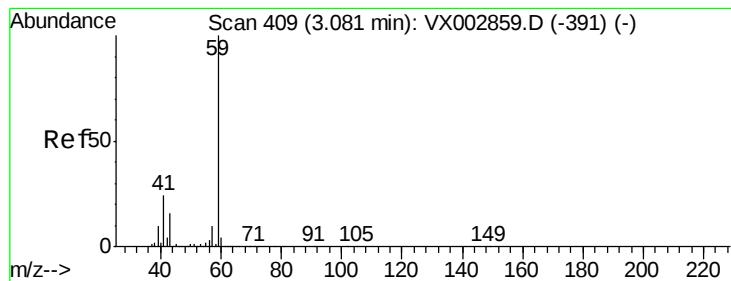


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.73 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

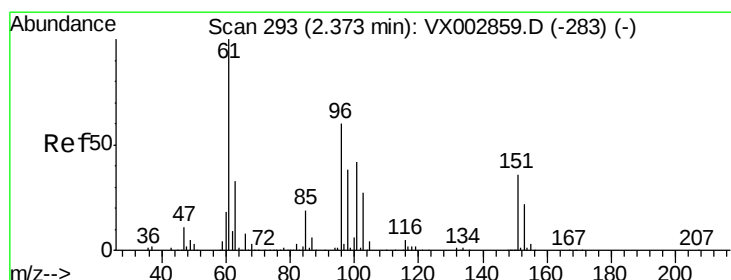
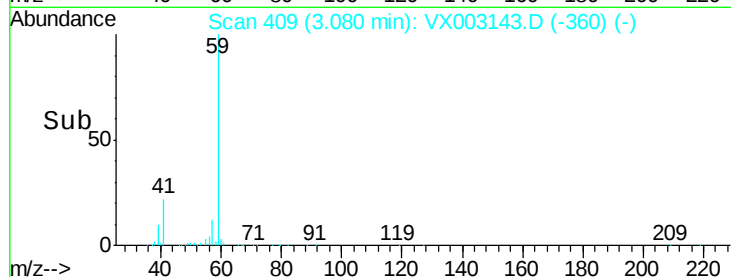
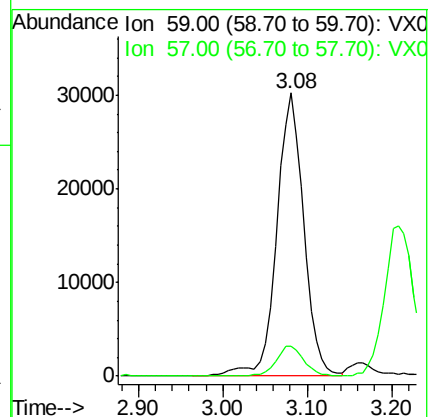
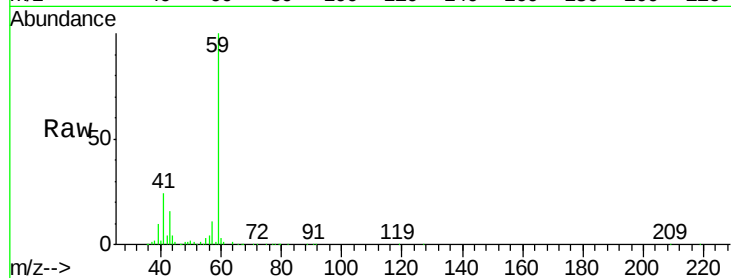
ClientSampled :

Tot Ion: 59 Resp: 67608

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



#12

1,1-Dichloroethene

Concen: 19.04 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

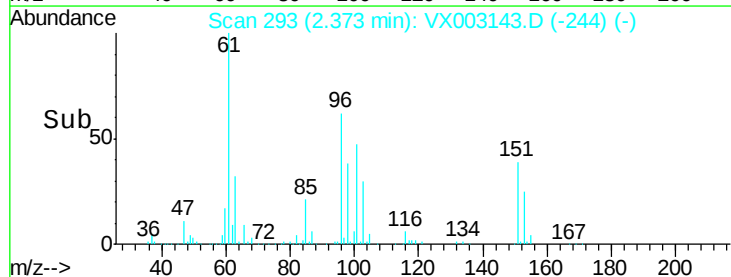
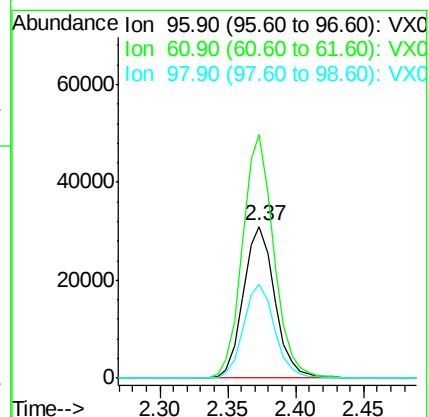
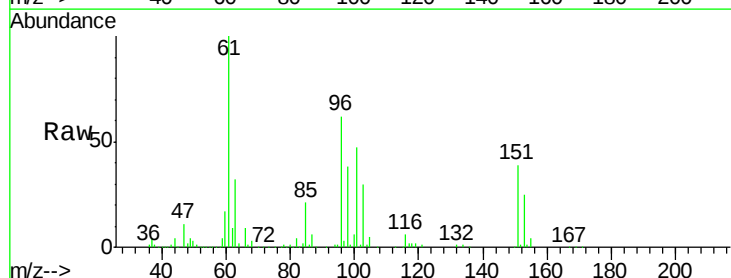
Tgt Ion: 96 Resp: 50252

Ion Ratio Lower Upper

96 100

61 160.2 137.9 206.9

98 61.5 51.6 77.4





#13

Acrolein

Concen: 55.56 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

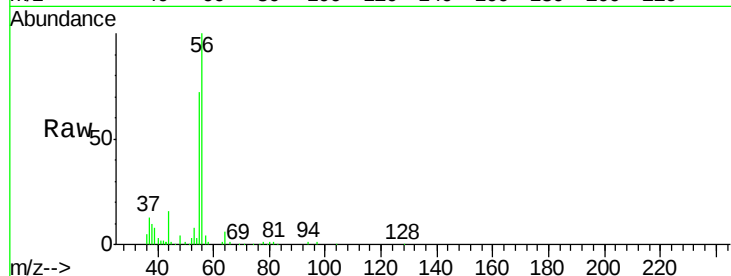
ClientSampleId :

Tot Ion: 56 Resp: 21334

Ion Ratio Lower Upper

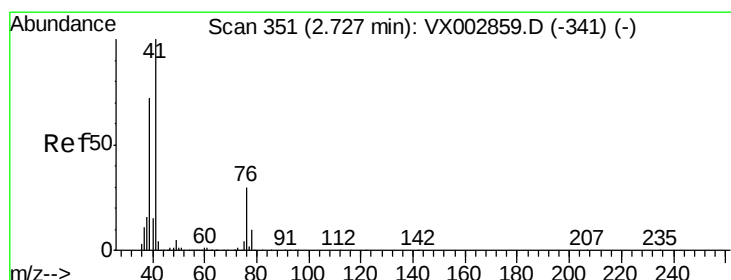
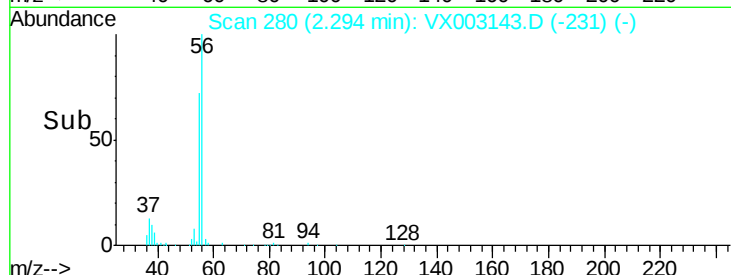
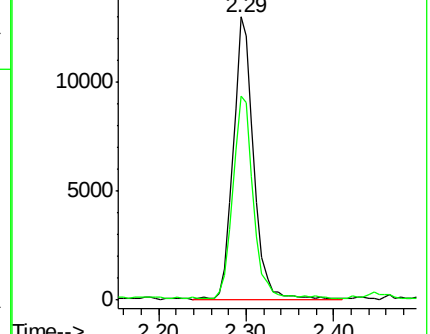
56 100

55 69.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.69 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

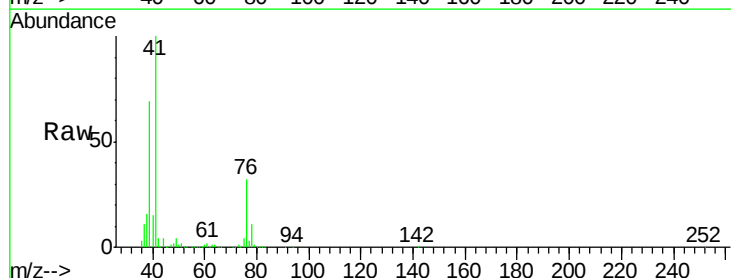
Tgt Ion: 41 Resp: 97262

Ion Ratio Lower Upper

41 100

39 66.1 56.8 85.2

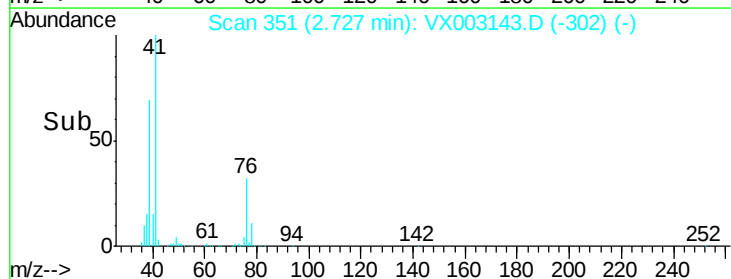
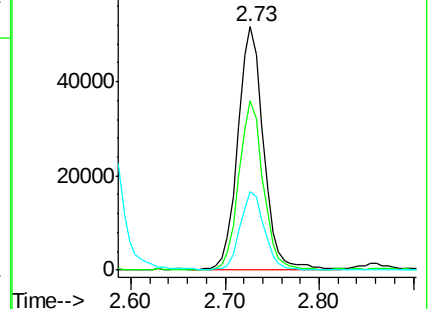
76 30.4 23.8 35.8

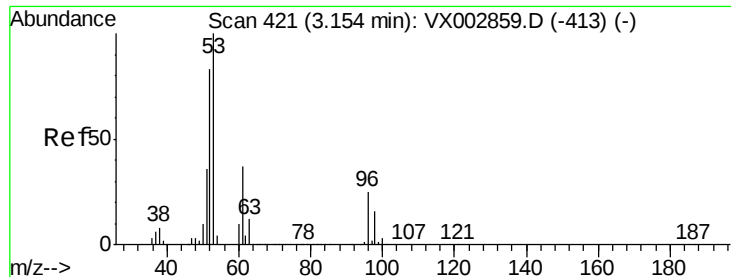


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 97.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

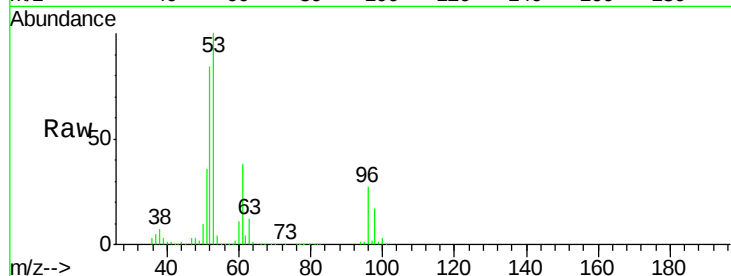
Tot Ion: 53 Resp: 153131

Ion Ratio Lower Upper

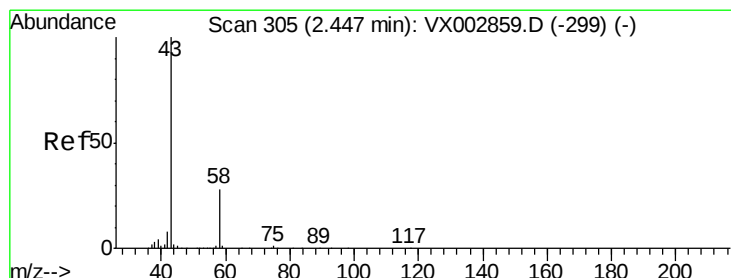
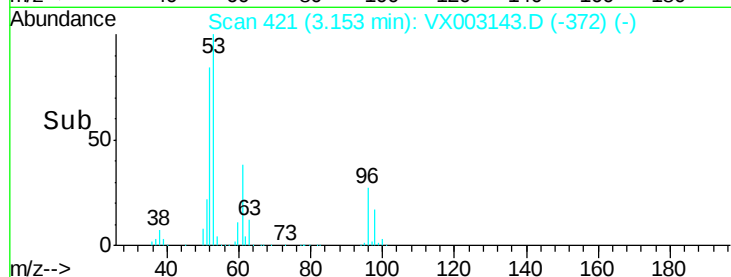
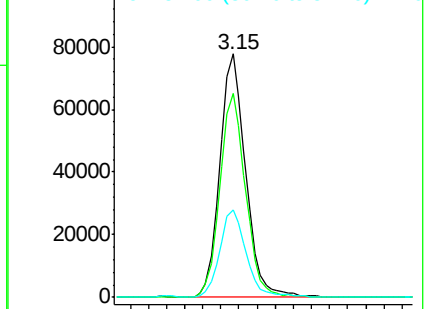
53 100

52 83.3 66.7 100.1

51 36.9 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: 89.00 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003143.D

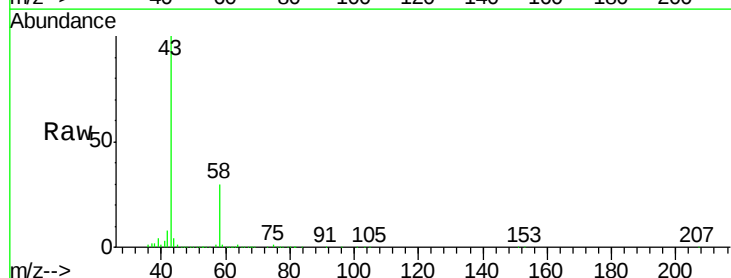
Acq: 03 Jul 2018 12:31

Tgt Ion: 43 Resp: 136365

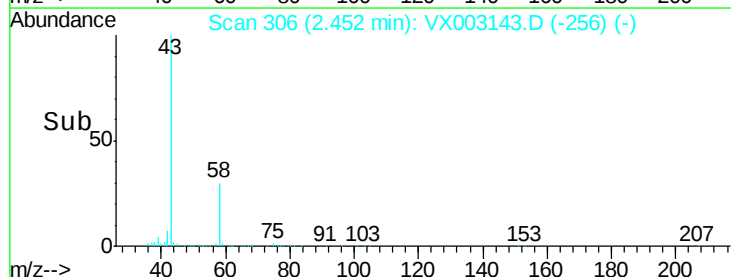
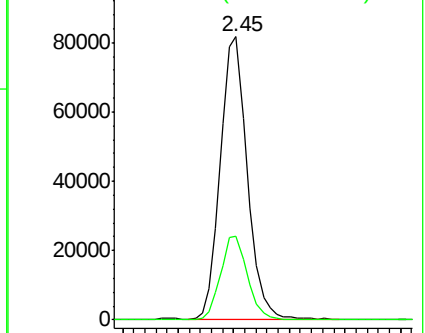
Ion Ratio Lower Upper

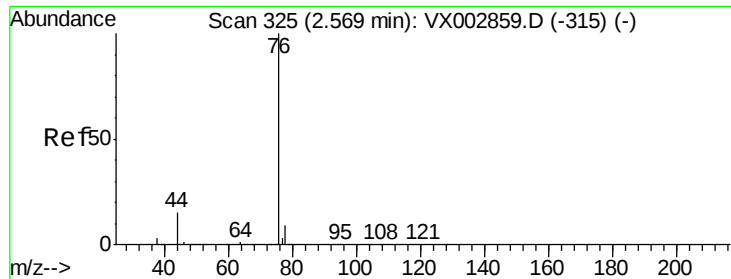
43 100

58 29.6 22.1 33.1



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

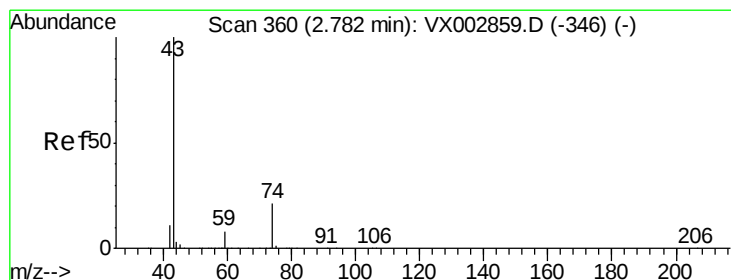
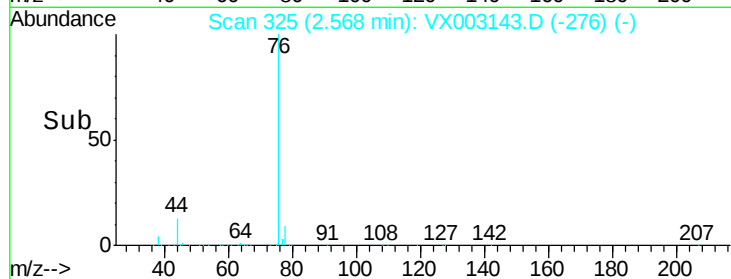
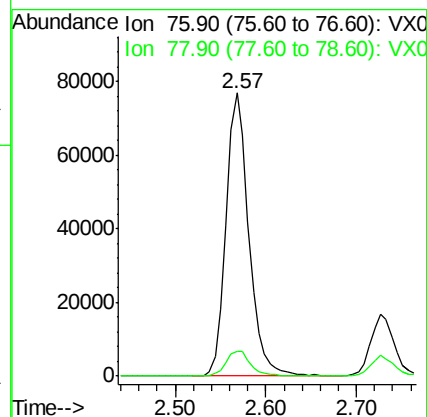
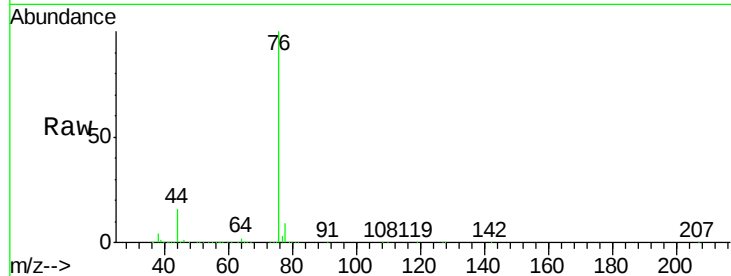




#17
Carbon Disulfide
Concen: 19.19 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

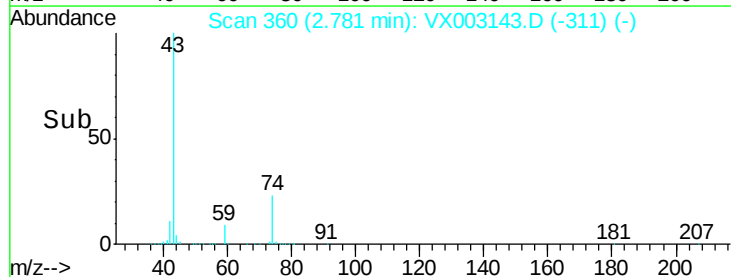
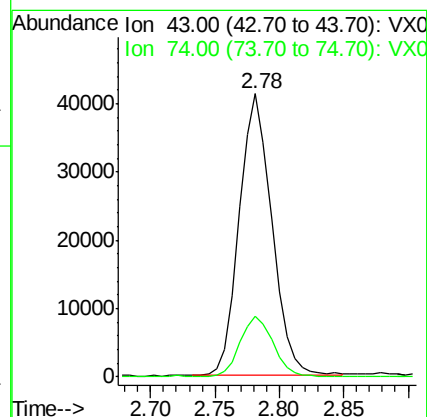
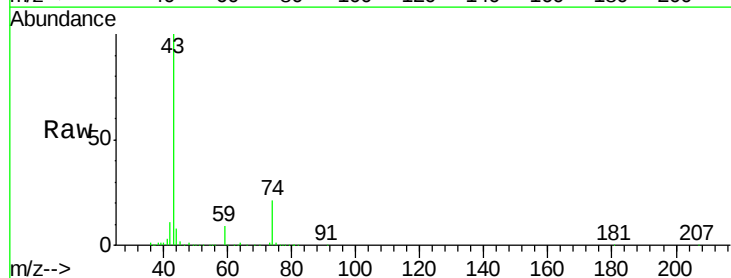
Instrument :
MSVOA_X
ClientSampleId :

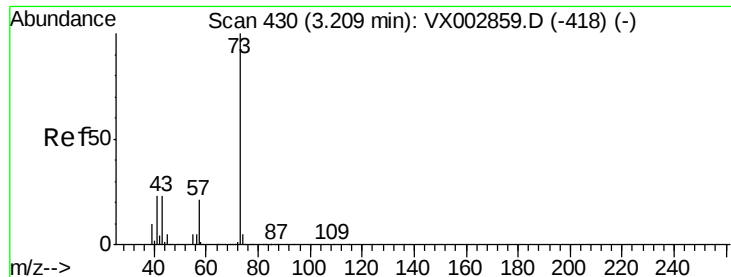
Tot Ion: 76 Resp: 134964
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 16.94 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 43 Resp: 72574
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1



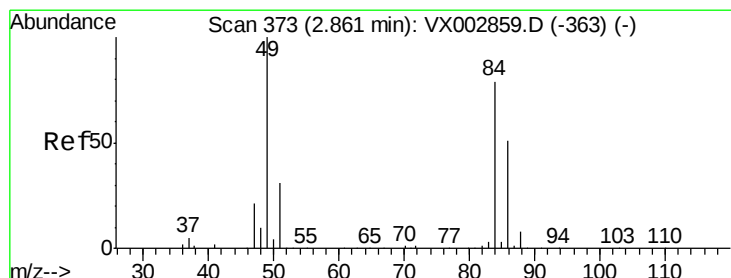
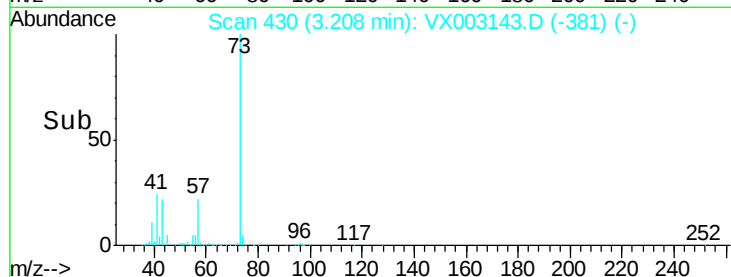
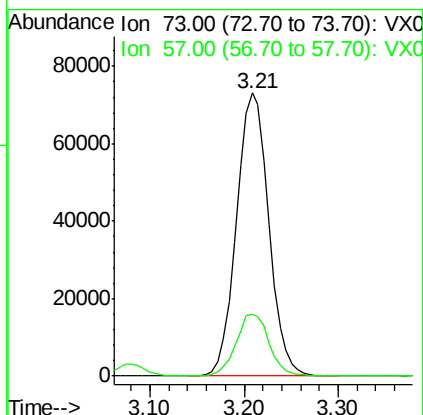
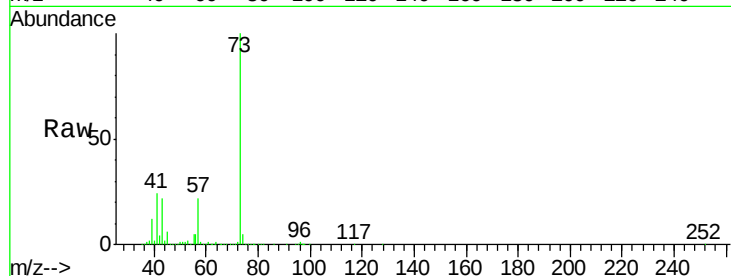


#19

Methyl tert-butyl Ether
 Concen: 18.46 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :

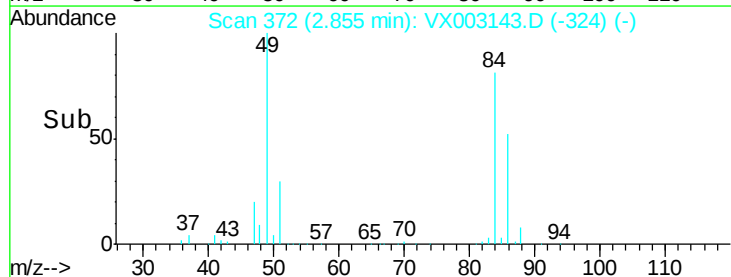
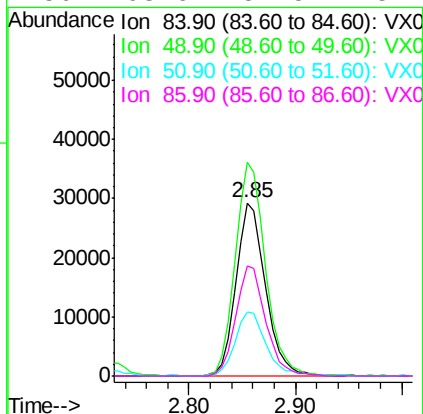
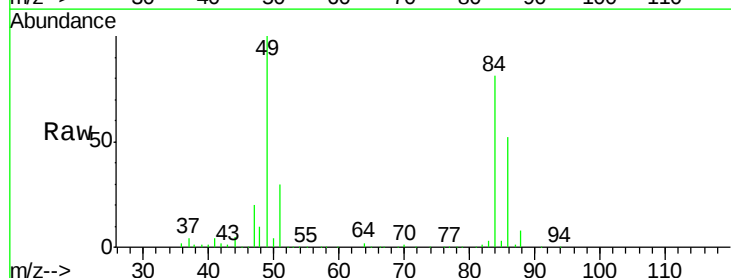
Tot Ion: 73 Resp: 175167
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.7 26.5

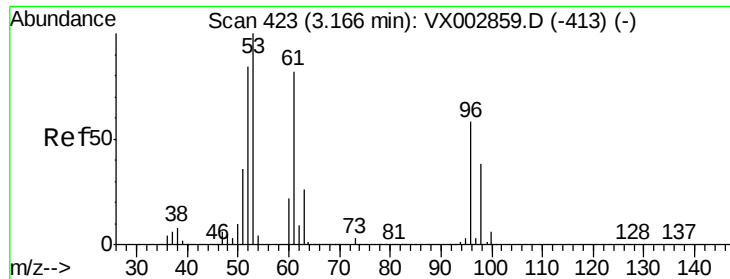


#20

Methylene Chloride
 Concen: 19.09 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion: 84 Resp: 56924
 Ion Ratio Lower Upper
 84 100
 49 122.9 107.8 161.6
 51 36.7 32.8 49.2
 86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampled :

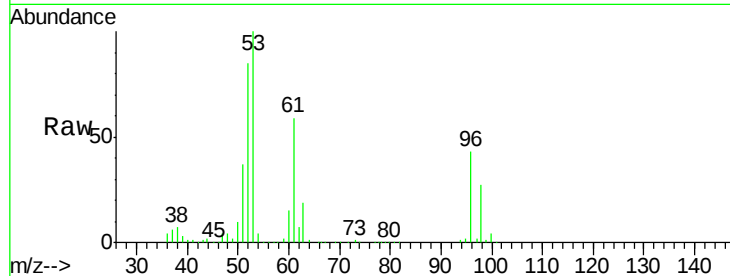
Tot Ion: 96 Resp: 55227

Ion Ratio Lower Upper

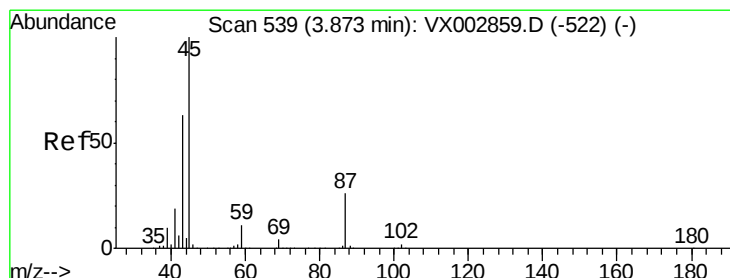
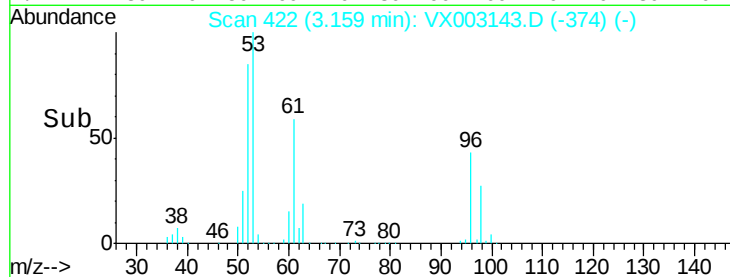
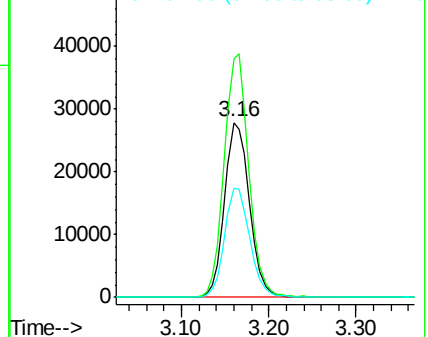
96 100

61 136.6 117.0 175.4

98 62.2 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: 18.52 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Tgt Ion: 45 Resp: 184220

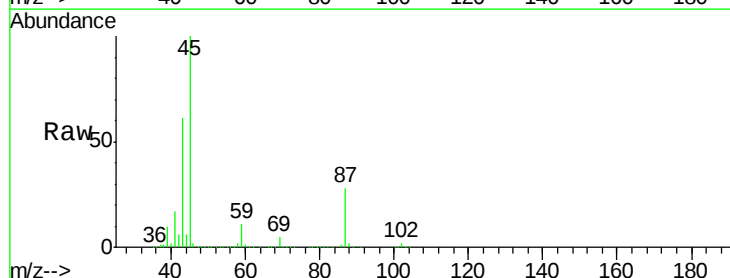
Ion Ratio Lower Upper

45 100

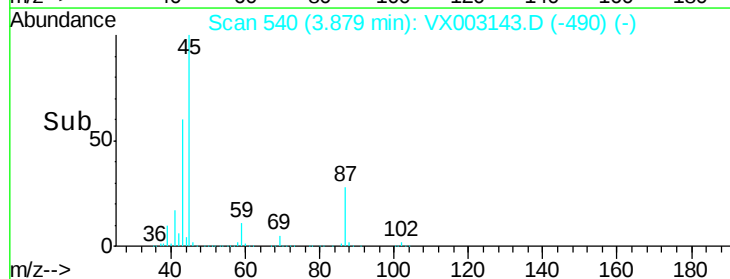
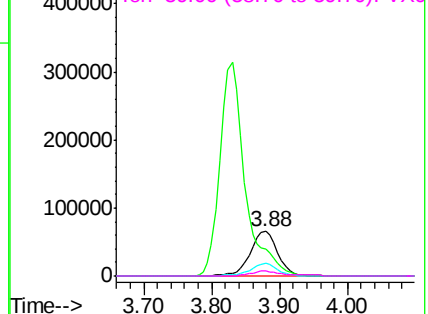
43 60.6 46.8 70.2

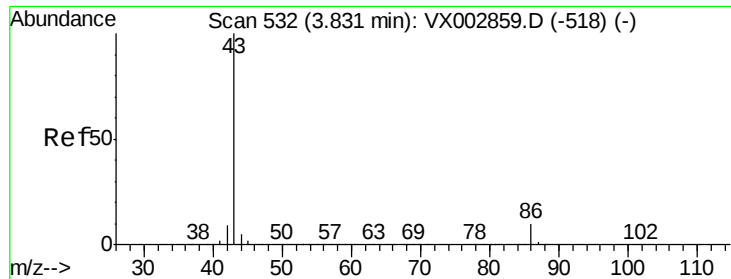
87 28.0 20.2 30.4

59 11.4 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: 96.38 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

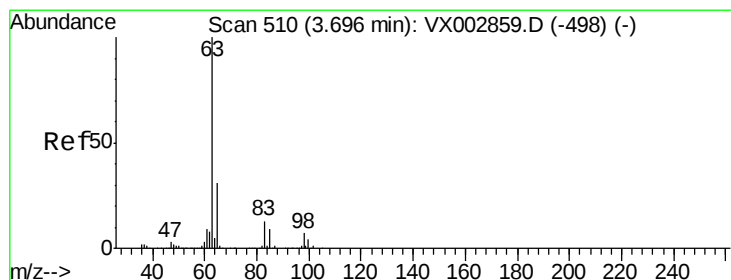
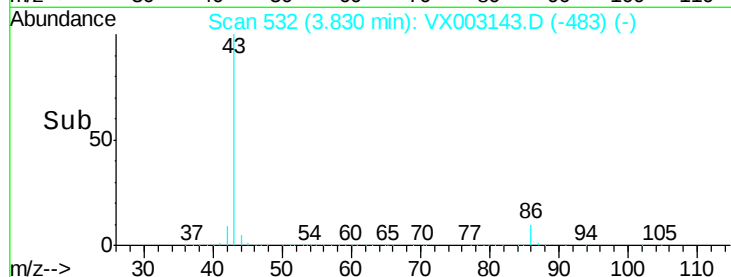
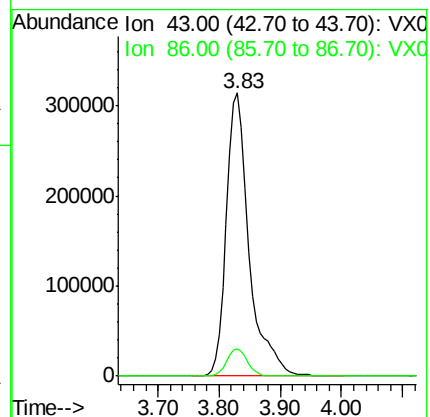
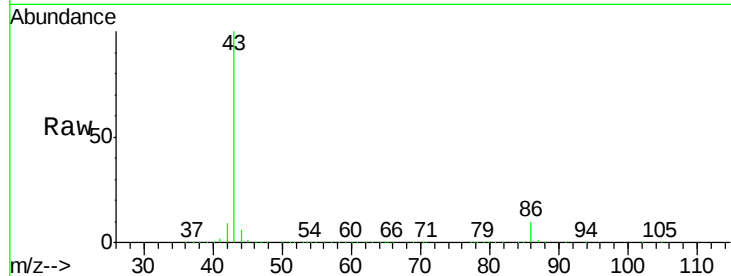
ClientSampleId :

Tot Ion: 43 Resp: 811826

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 18.53 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

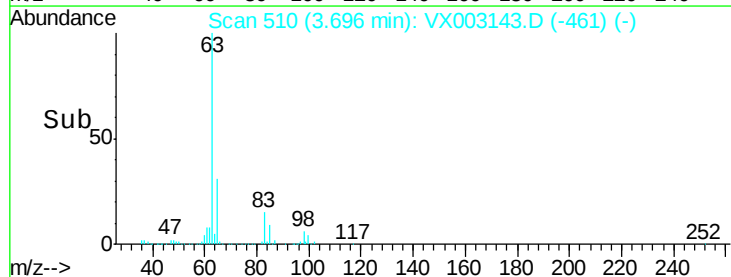
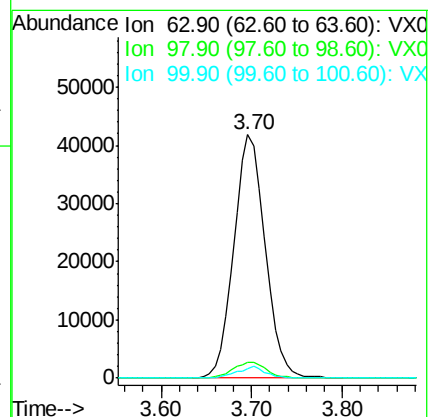
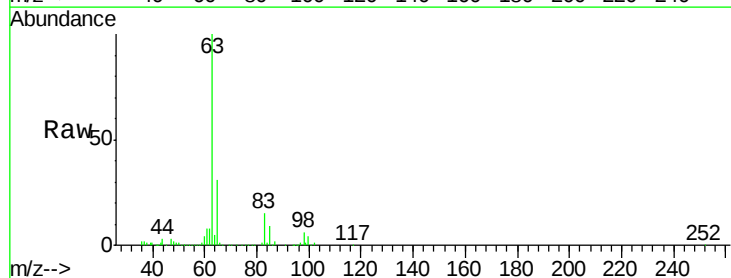
Tgt Ion: 63 Resp: 100199

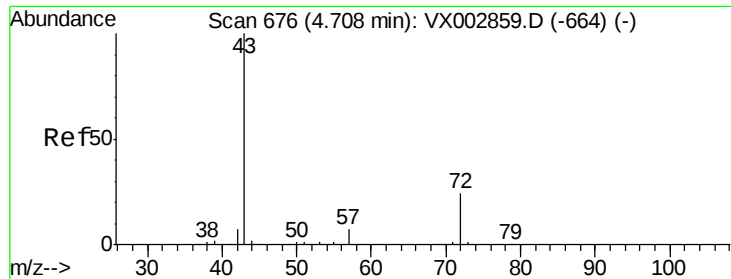
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.0 2.0 6.0

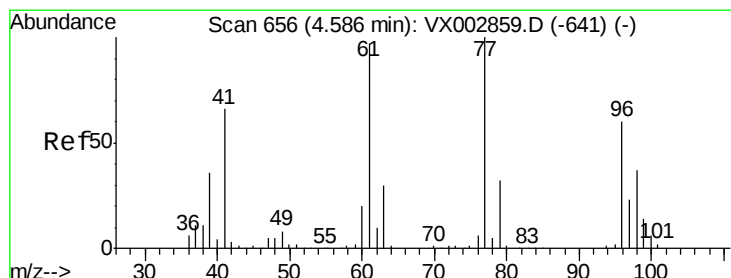
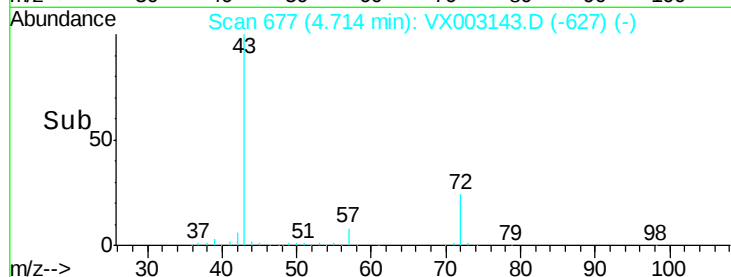
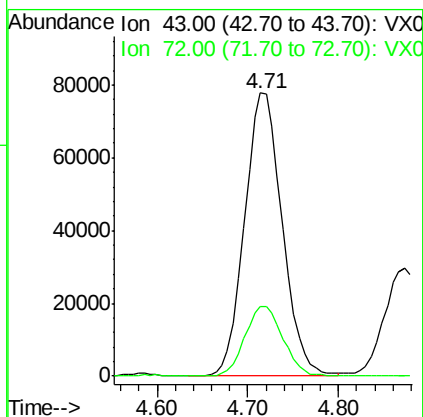
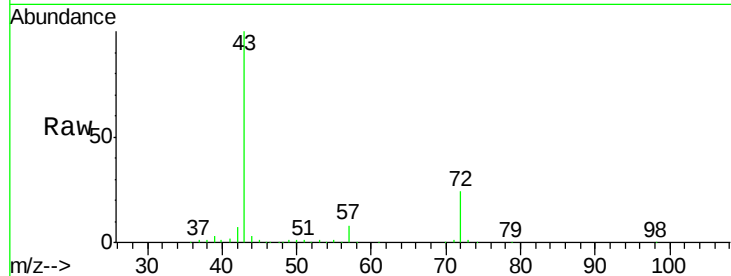




#25
2-Butanone
Concen: 97.80 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

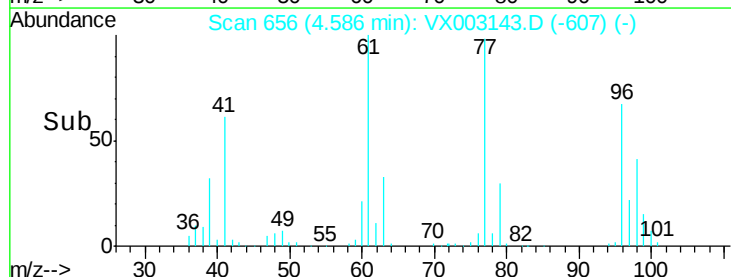
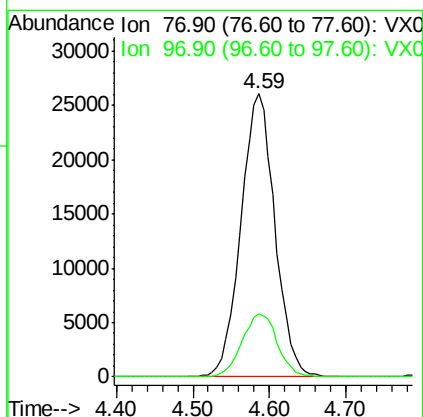
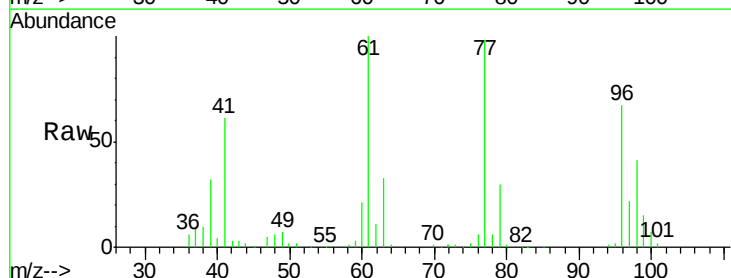
Instrument :
MSVOA_X
ClientSampled :

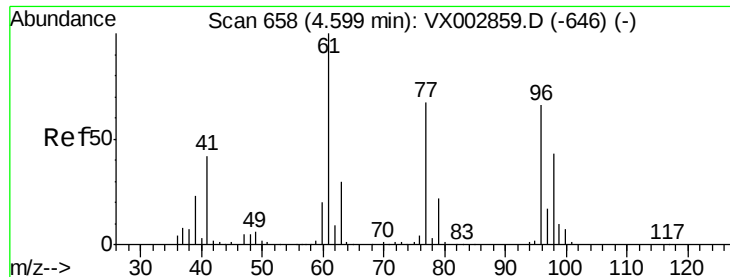
Tot Ion: 43 Resp: 222388
Ion Ratio Lower Upper
43 100
72 24.3 18.5 27.7



#26
2,2-Dichloropropane
Concen: 18.29 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 77 Resp: 80397
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.5



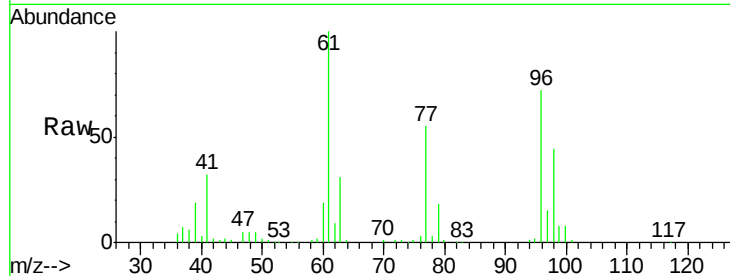


#27

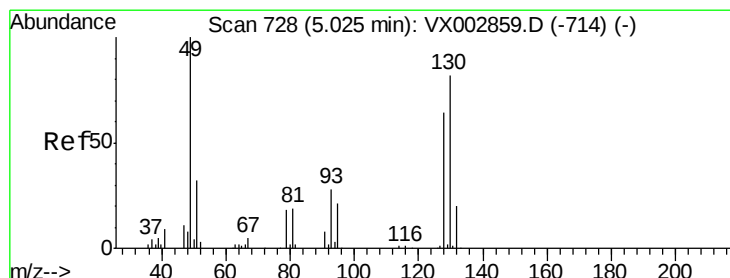
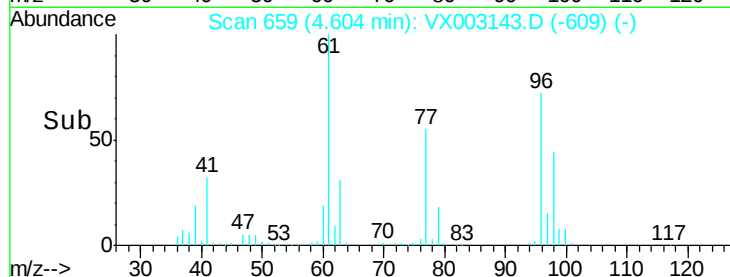
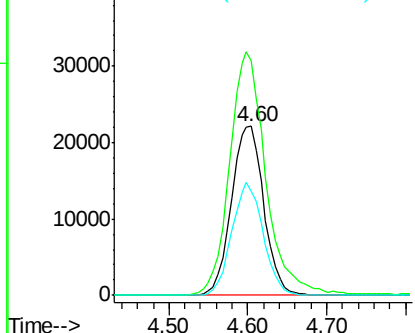
cis-1,2-Dichloroethene
Concen: 19.55 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 63019
Ion Ratio Lower Upper
96 100
61 161.3 0.0 330.2
98 64.7 0.0 130.2



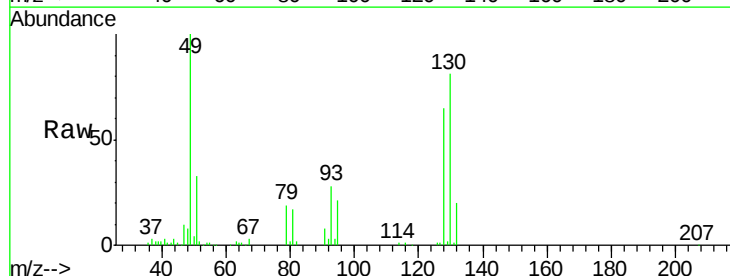
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



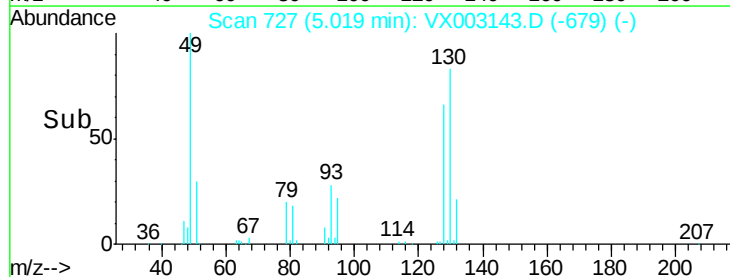
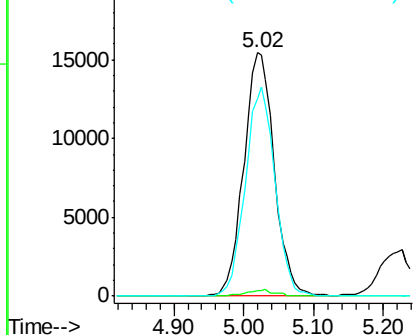
#28

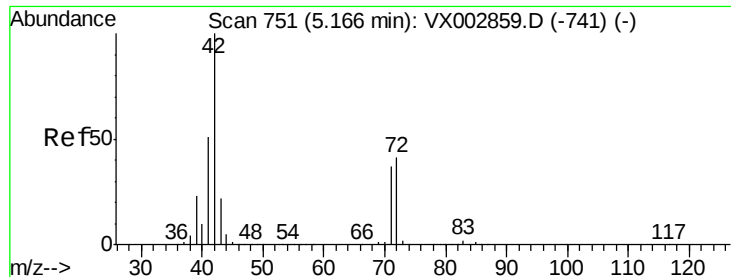
Bromochloromethane
Concen: 18.08 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 49 Resp: 46791
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 83.6 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

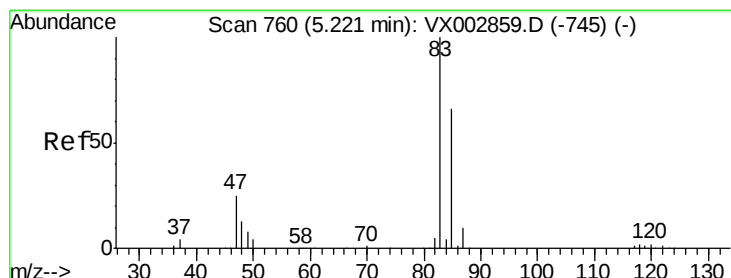
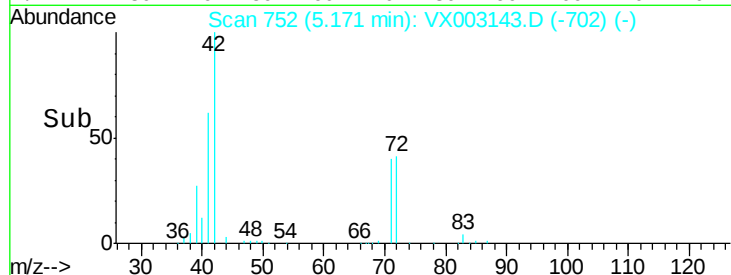
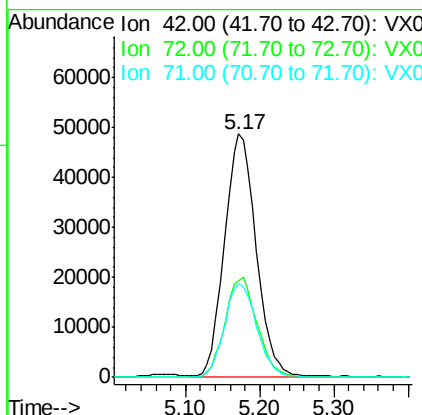
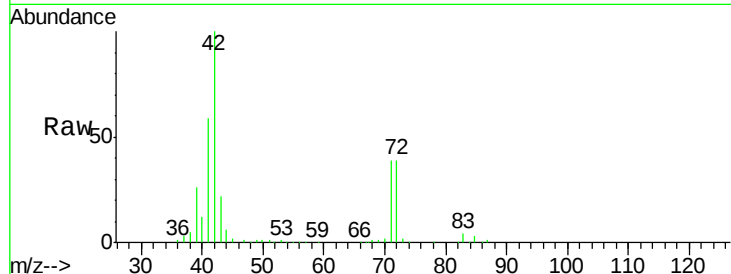




#29
Tetrahydrofuran
Concen: 98.98 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

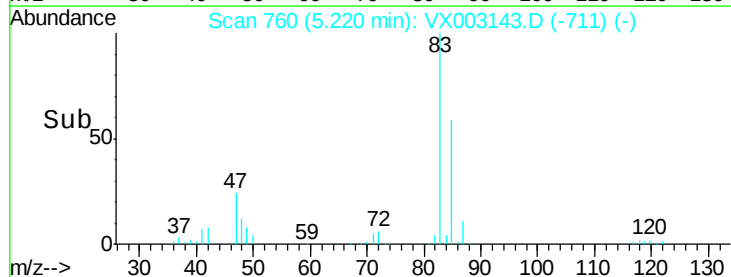
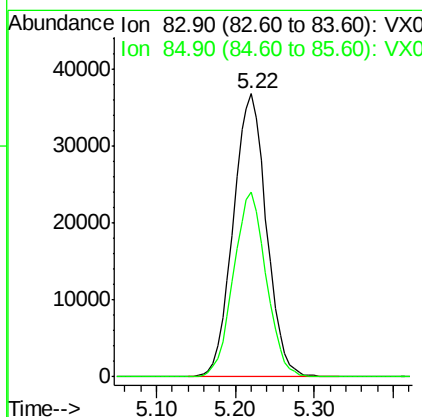
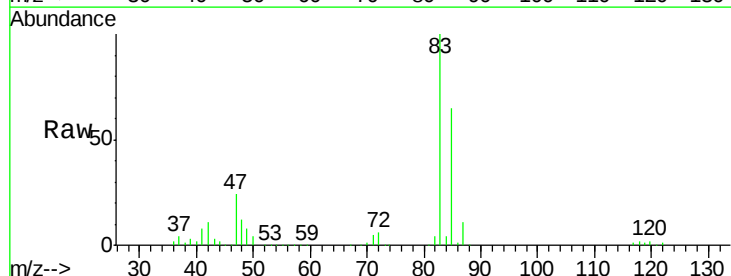
Instrument :
MSVOA_X
ClientSampleId :

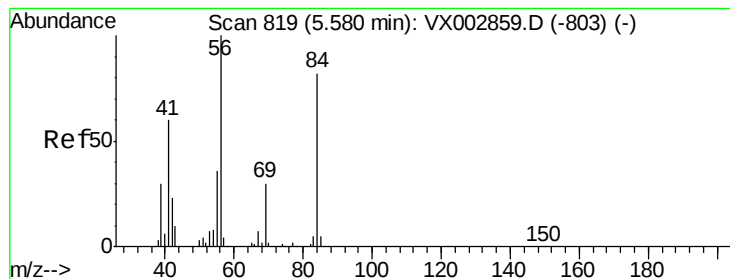
Tot Ion: 42 Resp: 144334
Ion Ratio Lower Upper
42 100
72 42.2 32.0 48.0
71 39.5 30.1 45.1



#30
Chloroform
Concen: 19.40 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 83 Resp: 107657
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6





#31

Cyclohexane

Concen: 19.71 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

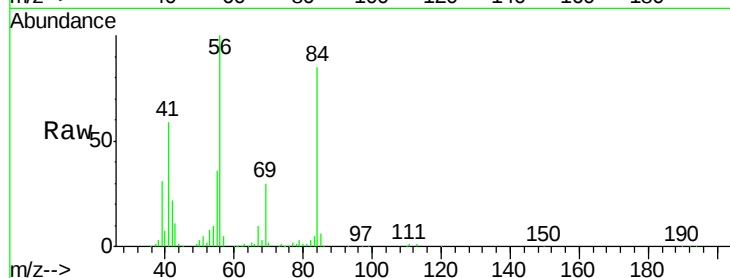
Tot Ion: 56 Resp: 91439

Ion Ratio Lower Upper

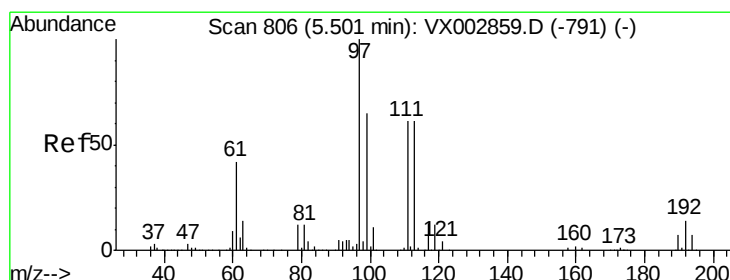
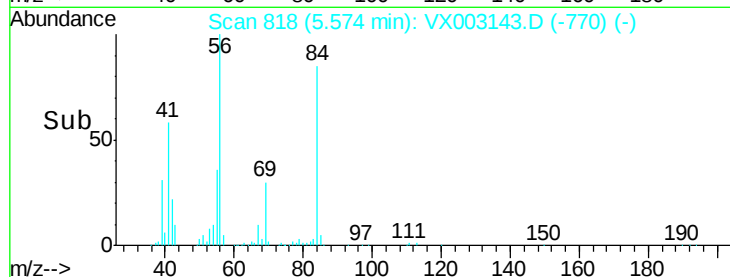
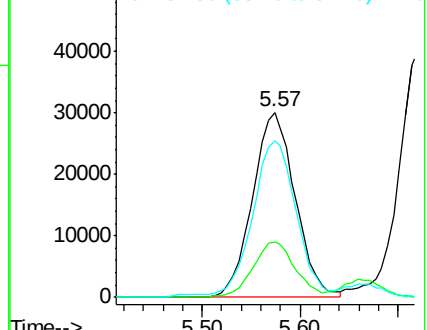
56 100

69 30.1 23.7 35.5

84 82.8 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: 19.25 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

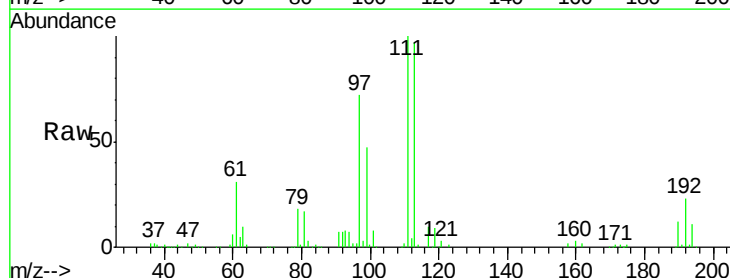
Tgt Ion: 97 Resp: 93997

Ion Ratio Lower Upper

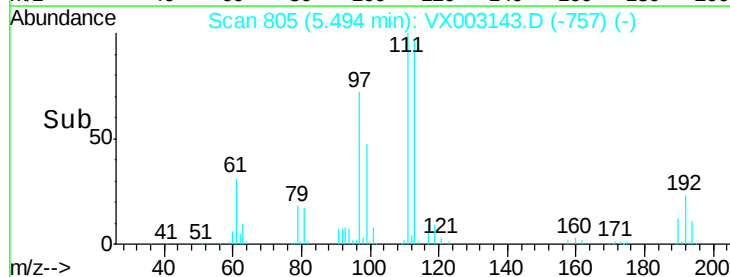
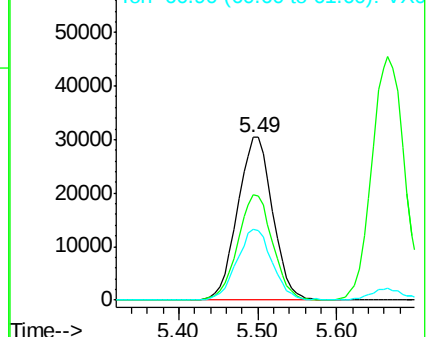
97 100

99 64.4 51.6 77.4

61 44.0 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

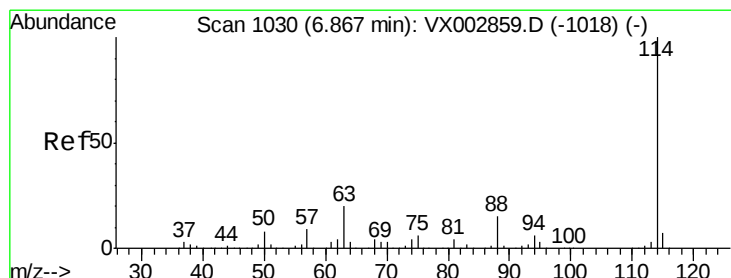
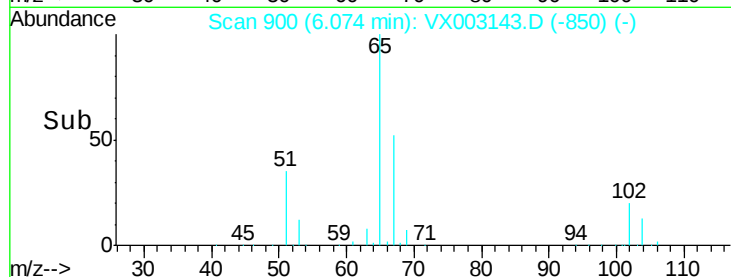
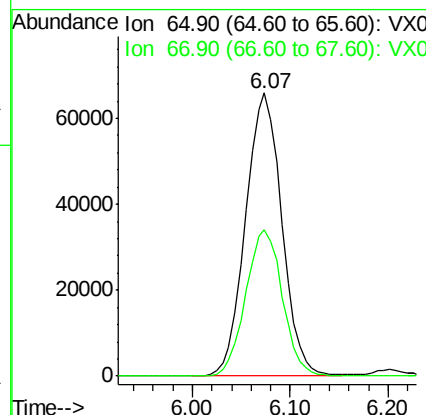
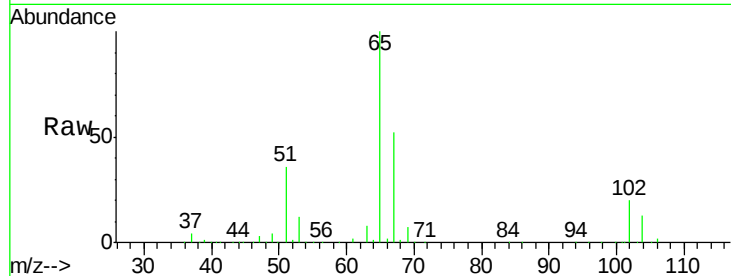




#33
 1,2-Dichloroethane-d4
 Concen: 45.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

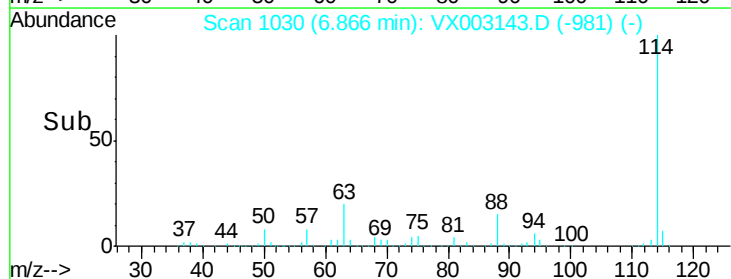
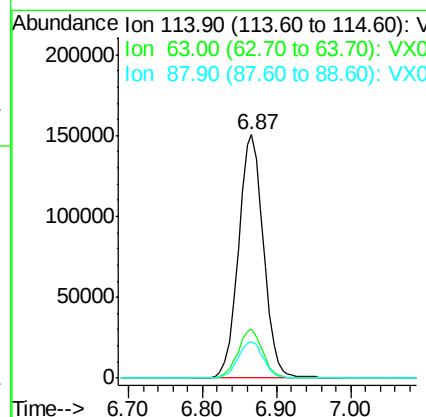
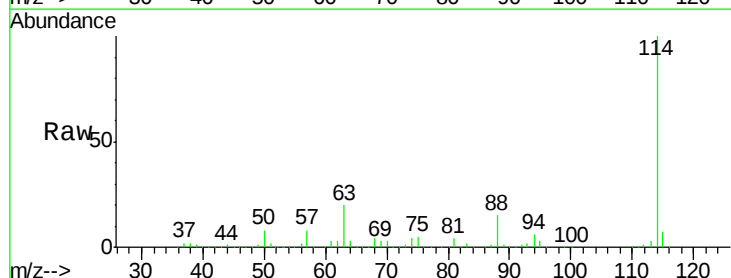
Instrument :
 MSVOA_X
 ClientSampleId :

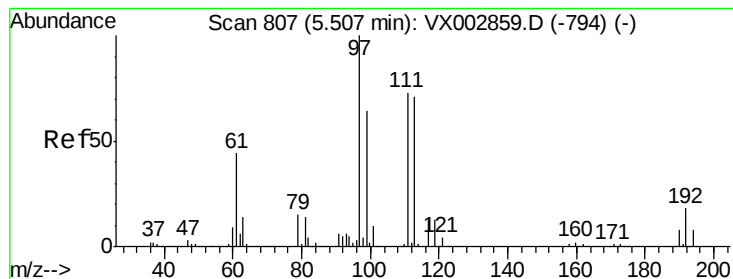
Tot Ion: 65 Resp: 170092
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion: 114 Resp: 353431
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :

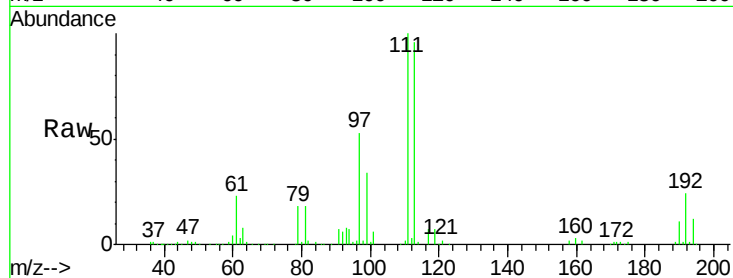
Tot Ion:113 Resp: 141591

Ion Ratio Lower Upper

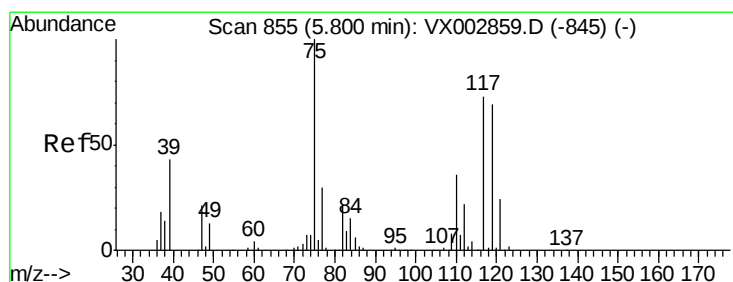
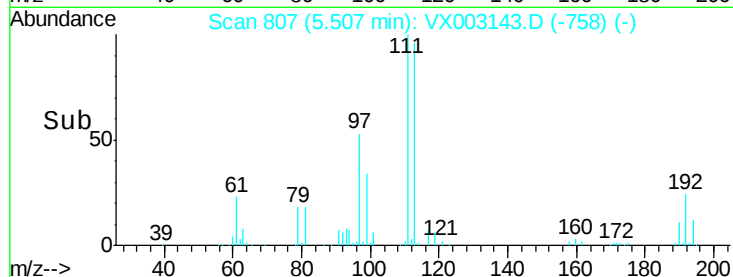
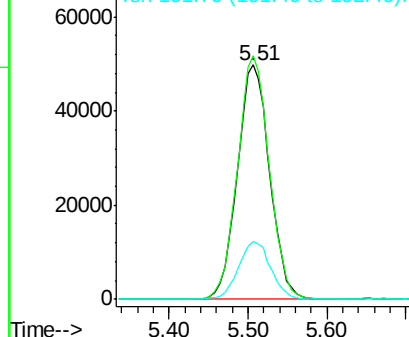
113 100

111 102.4 81.4 122.0

192 24.8 19.1 28.7



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



#36

1,1-Dichloropropene

Concen: 20.13 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

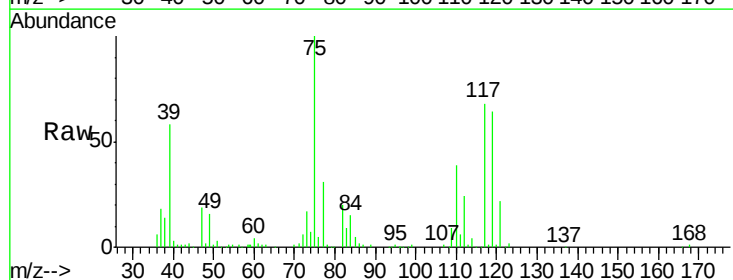
Tgt Ion: 75 Resp: 78012

Ion Ratio Lower Upper

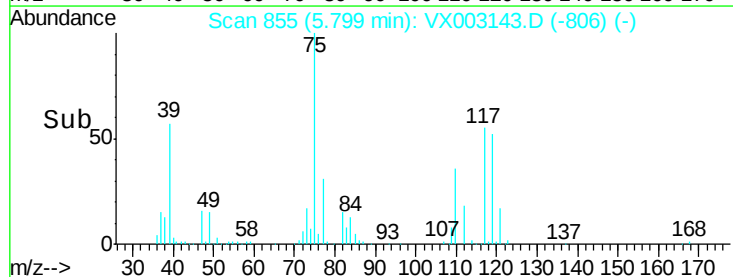
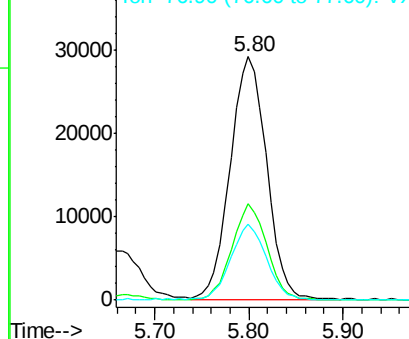
75 100

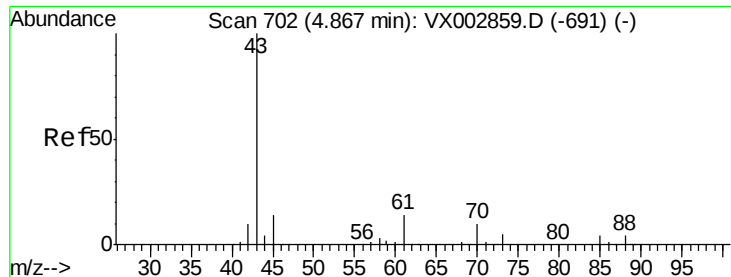
110 38.5 18.1 54.4

77 31.0 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

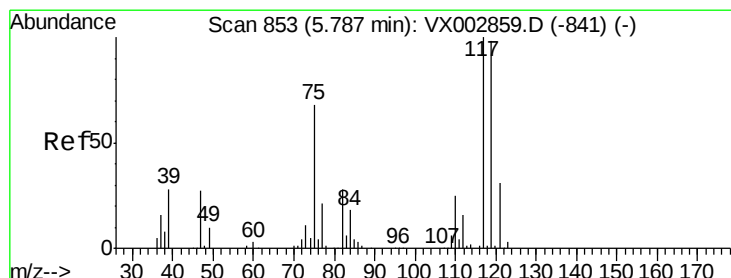
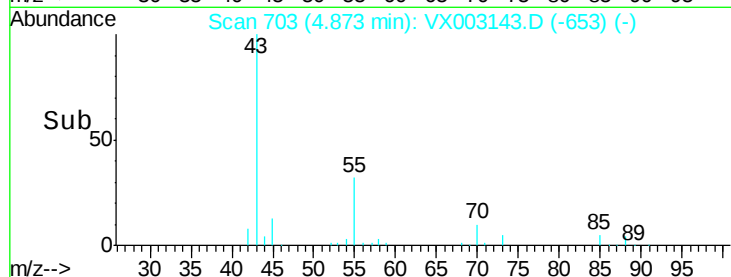
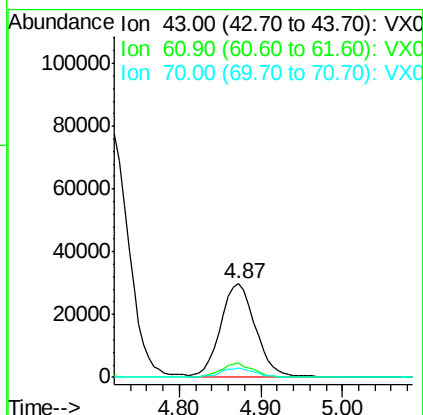
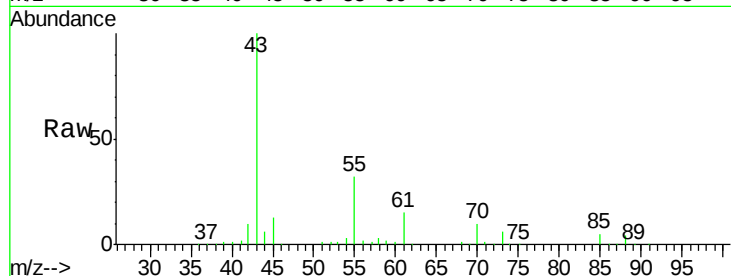




#37
Ethyl Acetate
Concen: 20.95 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

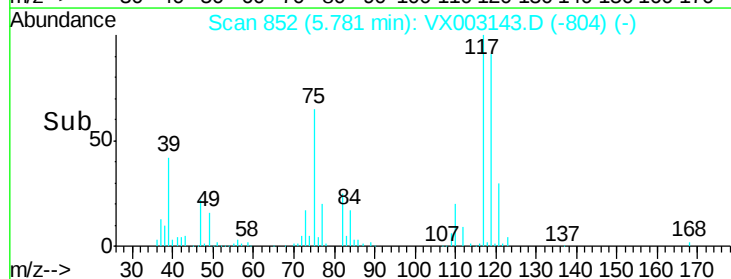
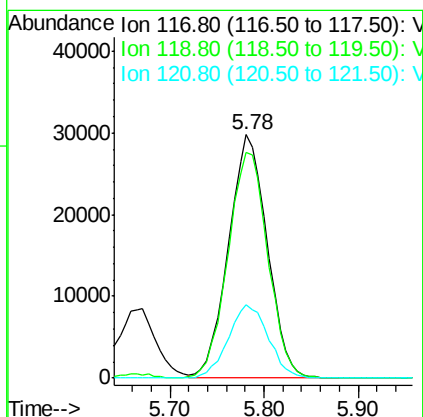
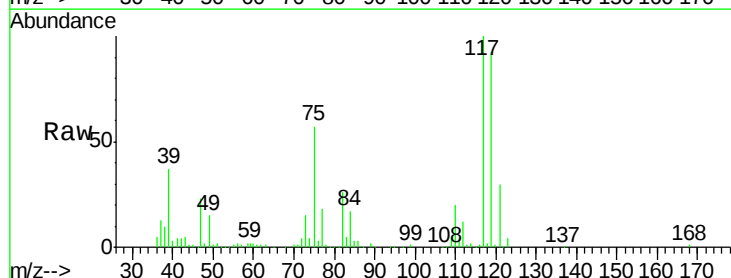
Instrument :
MSVOA_X
ClientSampled :

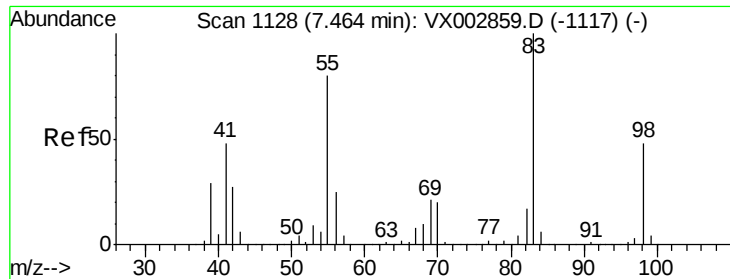
Tot Ion: 43 Resp: 87431
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.98 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 117 Resp: 84978
Ion Ratio Lower Upper
117 100
119 92.5 77.4 116.0
121 30.3 24.4 36.6

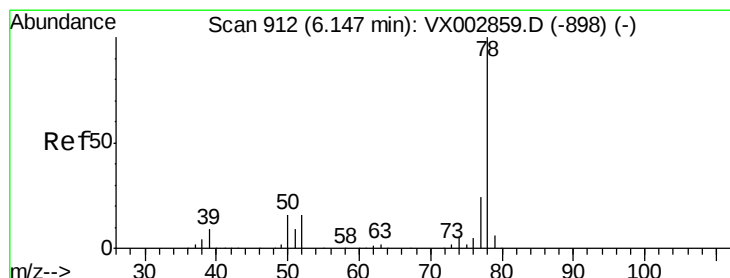
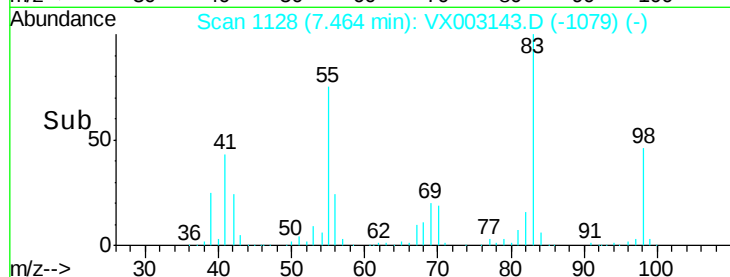
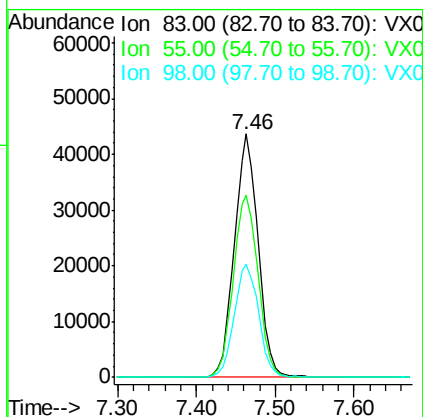
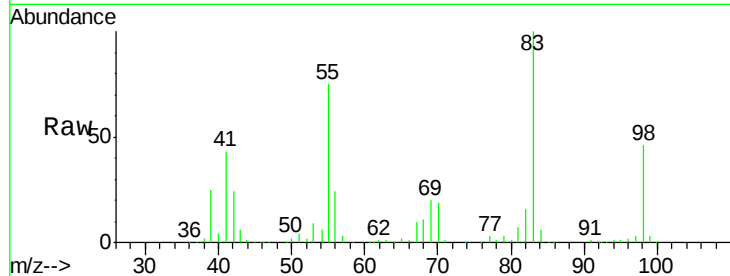




#39
Methvlcvclohexane
Concen: 20.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

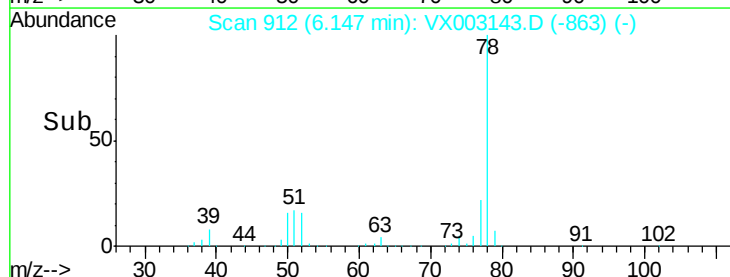
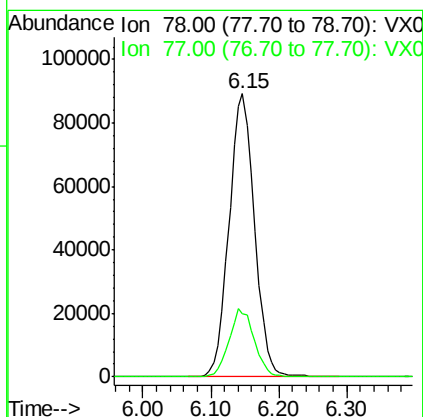
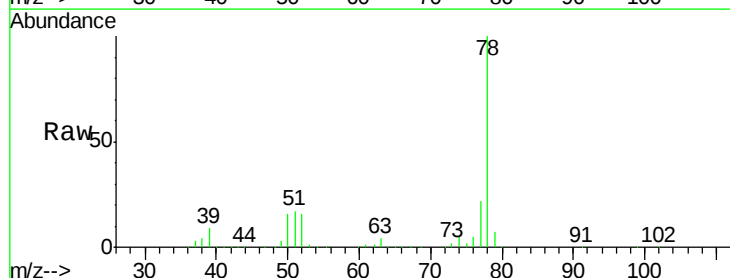
Instrument :
MSVOA_X
ClientSampled :

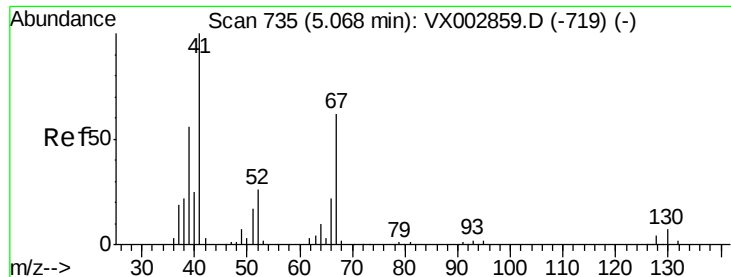
Tot Ion	83	Resp	91396
Ion Ratio	Lower	Upper	
83	100		
55	75.1	65.4	98.0
98	46.3	37.4	56.0



#40
Benzene
Concen: 20.55 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion	78	Resp	231368
Ion Ratio	Lower	Upper	
78	100		
77	22.3	19.1	28.7

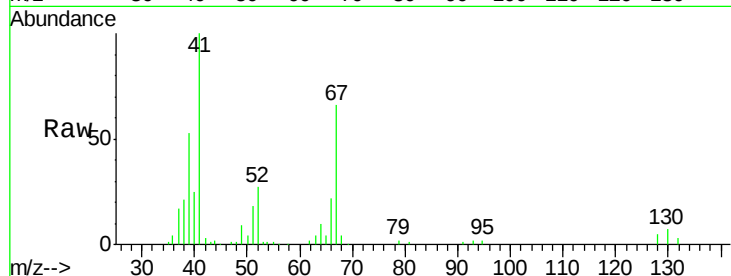




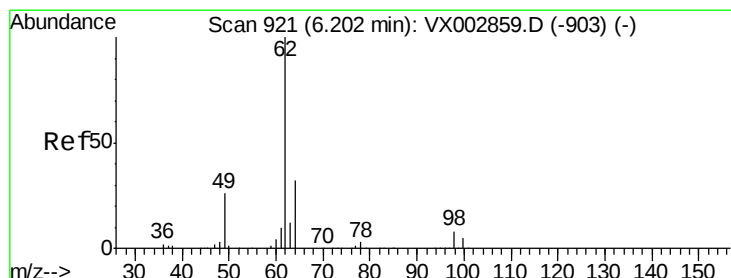
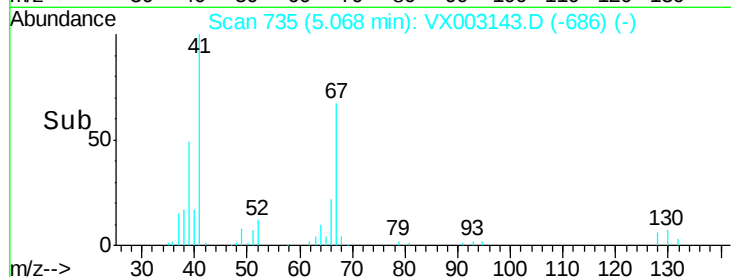
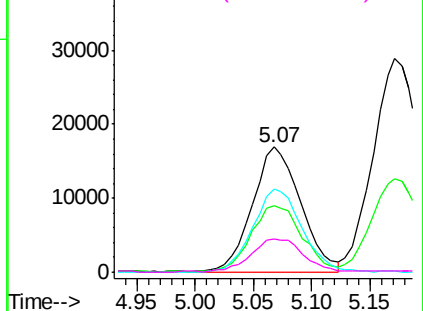
#41
Methacrylonitrile
Concen: 20.50 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	49256
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	67.5	51.3	76.9
52	27.7	23.0	34.6

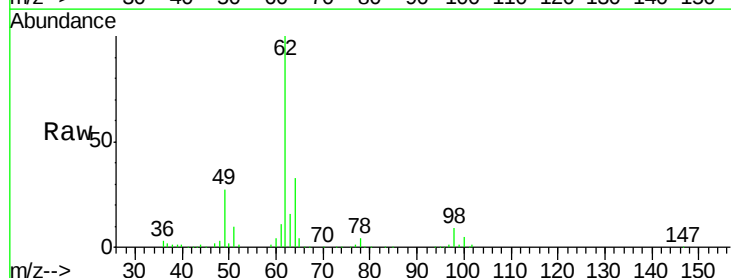


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

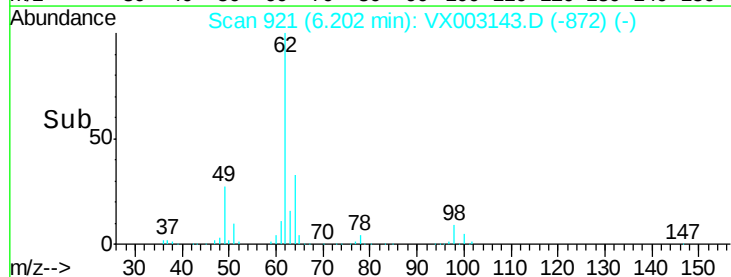
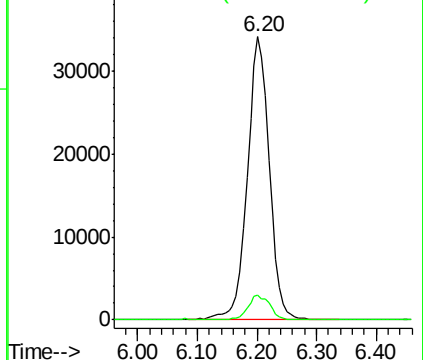


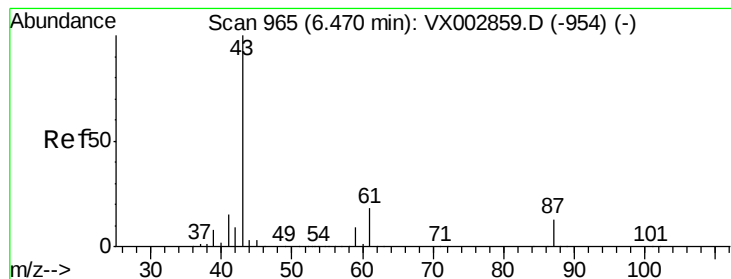
#42
1,2-Dichloroethane
Concen: 19.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:	62	Resp:	87348
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



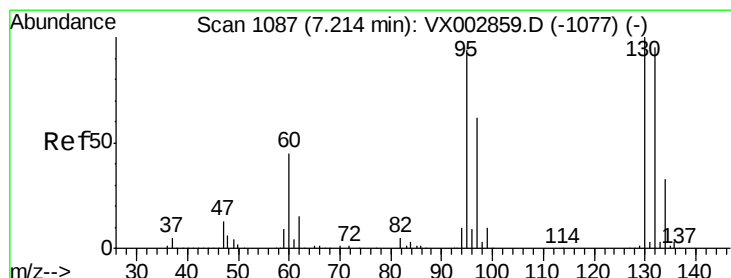
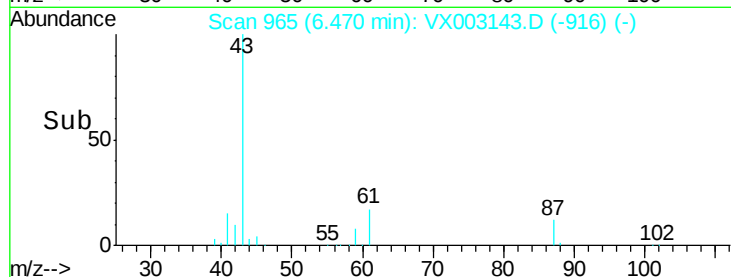
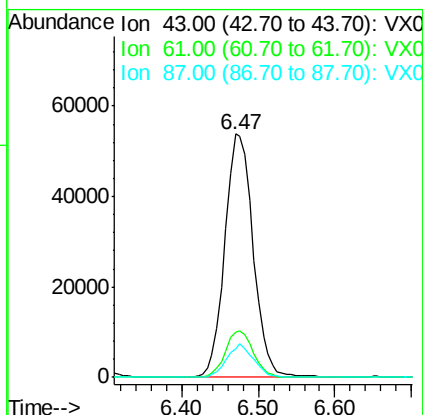
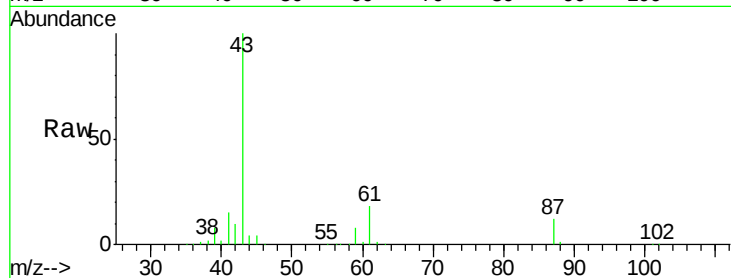


#43

Isopropyl Acetate
 Concen: 19.62 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Instrument :
 MSVOA_X
 ClientSampled :

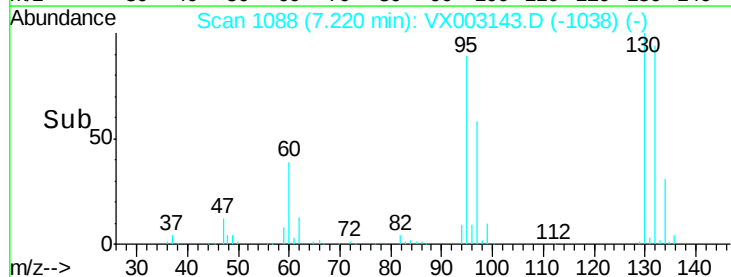
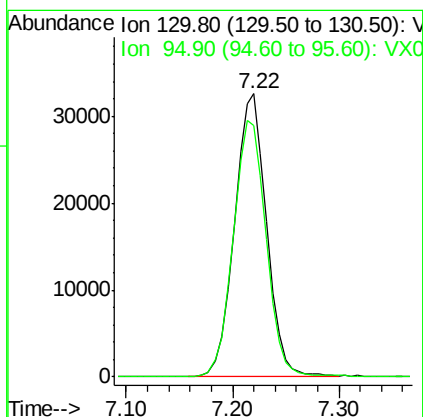
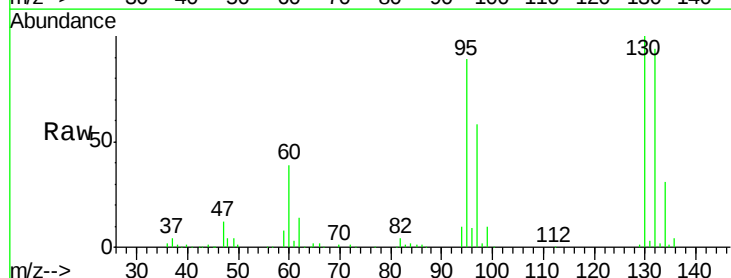
Tot Ion: 43 Resp: 137299
 Ion Ratio Lower Upper
 43 100
 61 19.0 14.4 21.6
 87 13.1 9.5 14.3

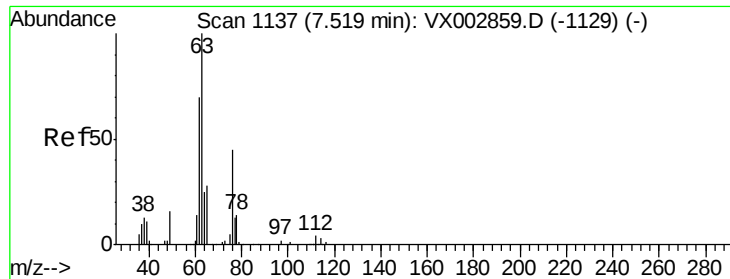


#44

Trichloroethene
 Concen: 20.49 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion:130 Resp: 68803
 Ion Ratio Lower Upper
 130 100
 95 89.0 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.20 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

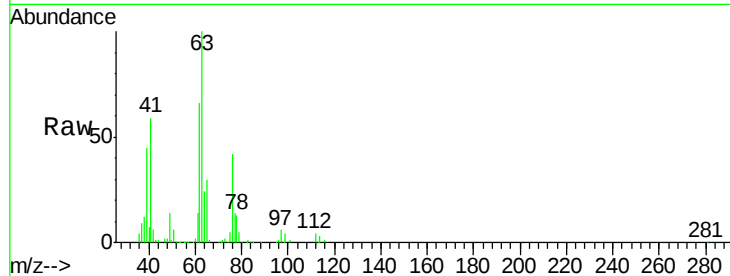
ClientSampleId :

Tot Ion: 63 Resp: 60328

Ion Ratio Lower Upper

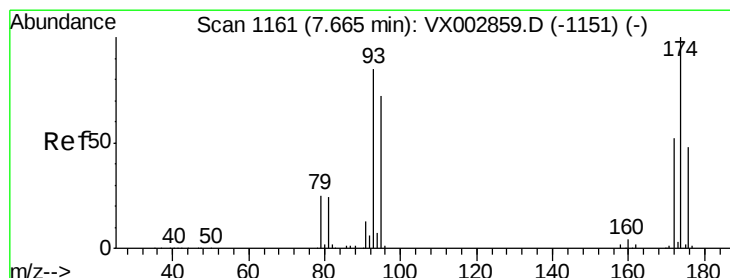
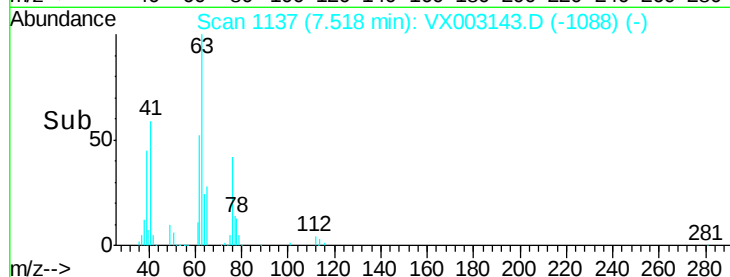
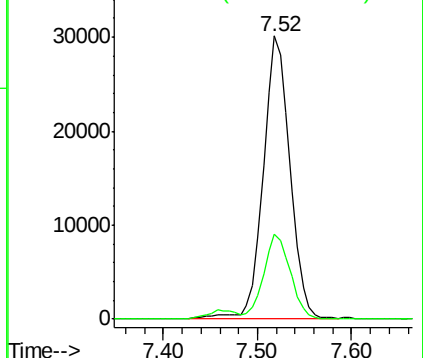
63 100

65 29.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.99 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

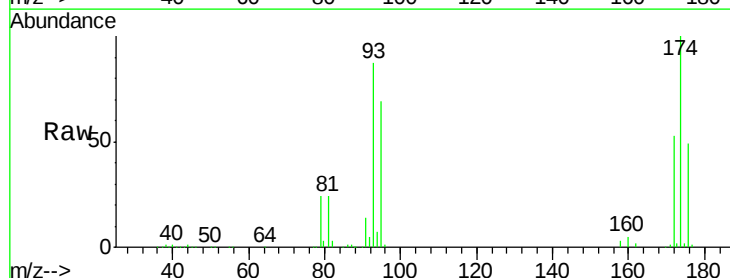
Tgt Ion: 93 Resp: 41442

Ion Ratio Lower Upper

93 100

95 81.5 65.9 98.9

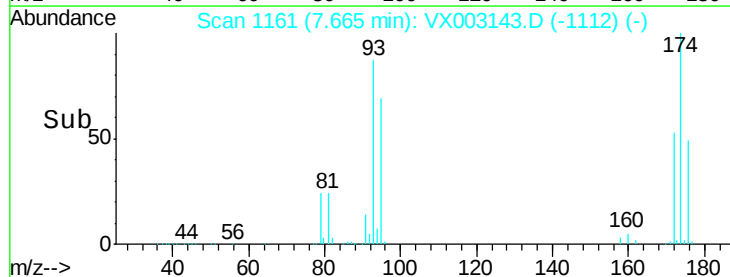
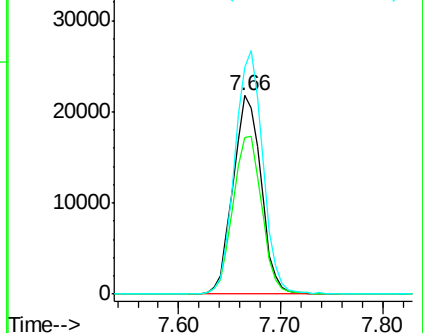
174 121.9 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

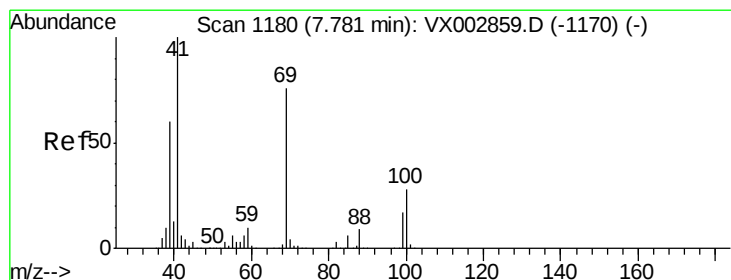
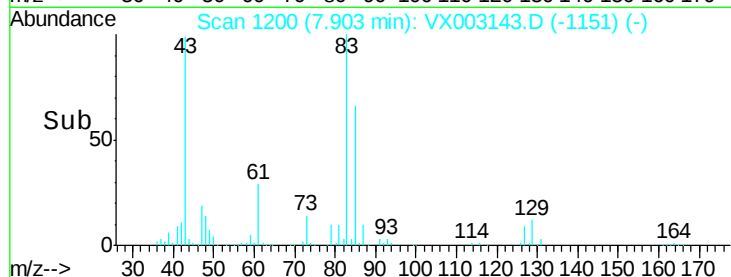
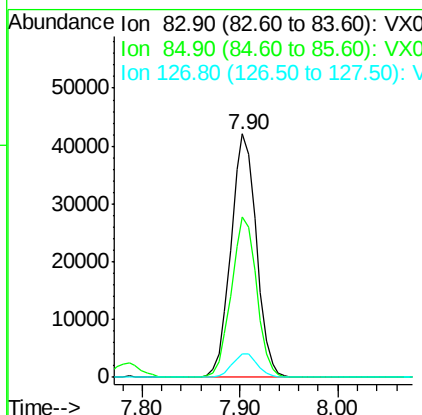
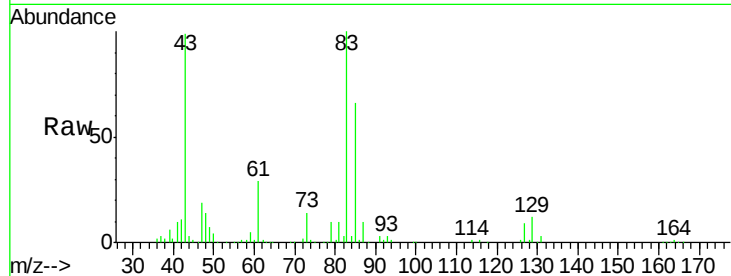




#47
Bromodichloromethane
Concen: 19.84 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

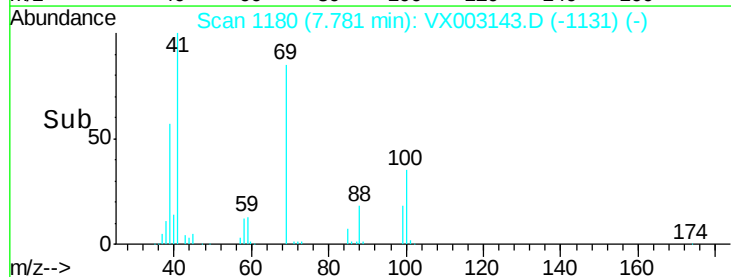
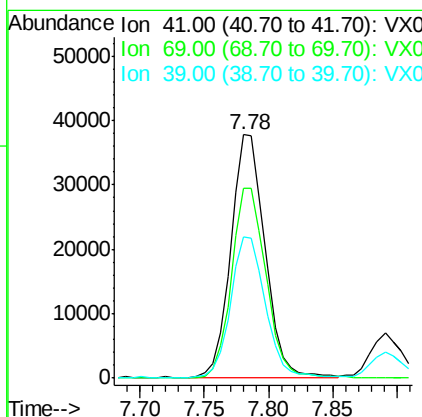
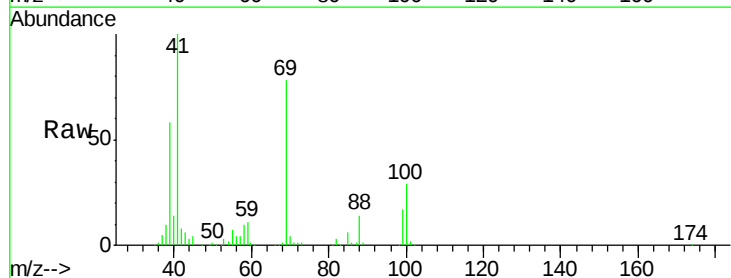
Instrument :
MSVOA_X
ClientSampled :

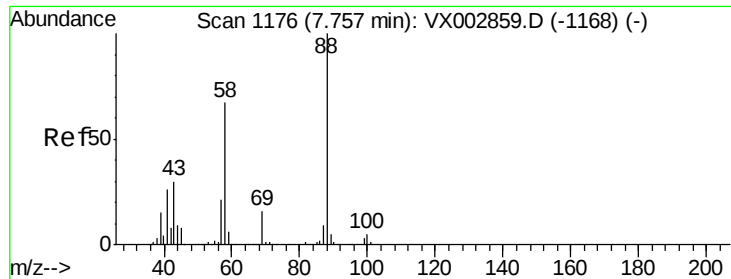
Tot Ion: 83 Resp: 76038
Ion Ratio Lower Upper
83 100
85 65.8 50.3 75.5
127 9.4 7.0 10.4



#48
Methyl methacrylate
Concen: 19.21 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 41 Resp: 69290
Ion Ratio Lower Upper
41 100
69 79.7 59.1 88.7
39 59.1 48.9 73.3

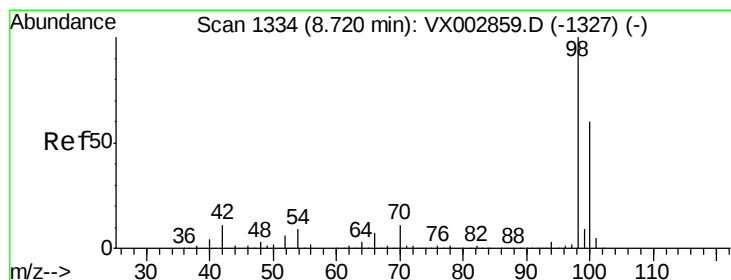
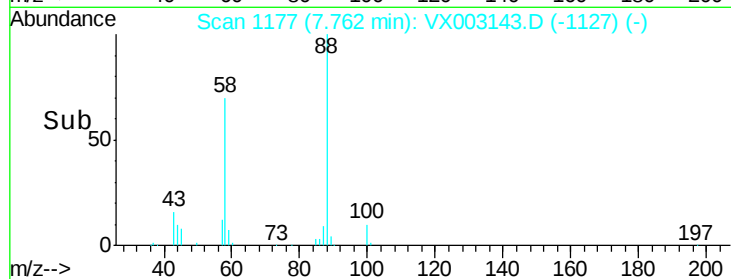
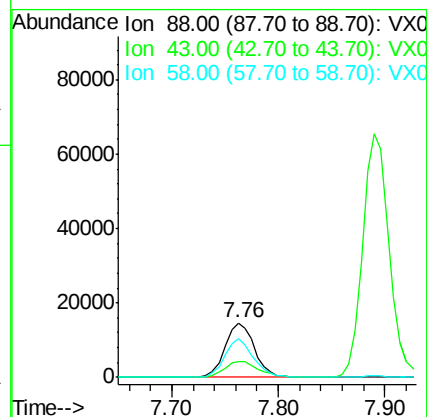
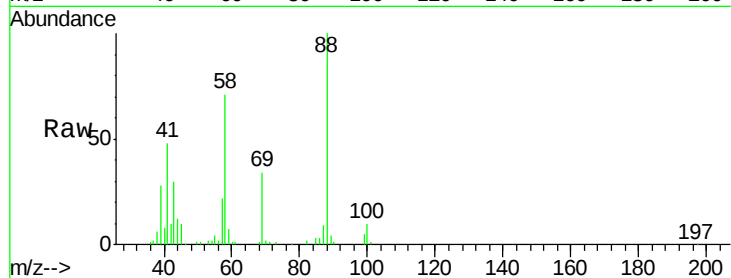




#49
1,4-Dioxane
Concen: 401.49 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

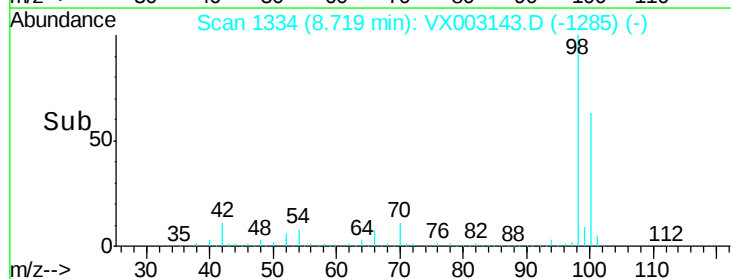
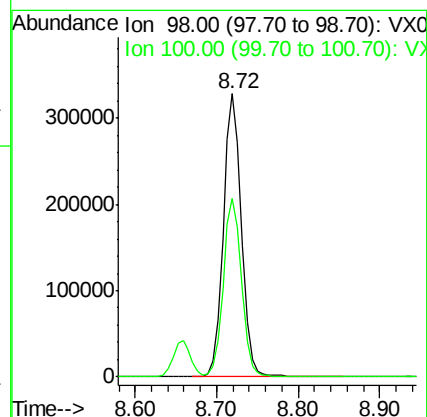
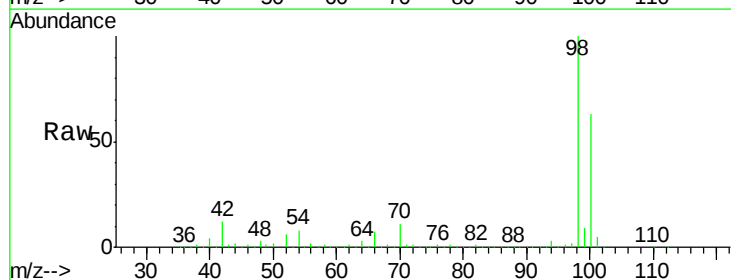
Instrument :
MSVOA_X
ClientSampleId :

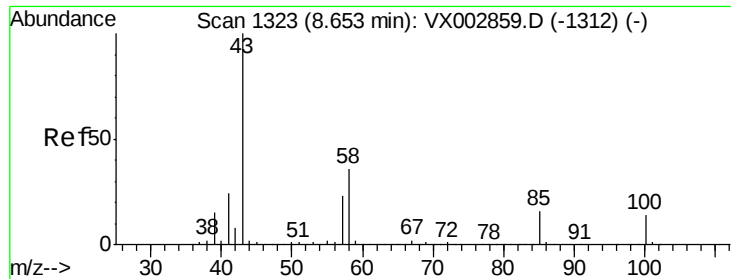
Tot Ion: 88 Resp: 28169
Ion Ratio Lower Upper
88 100
43 33.2 29.8 44.6
58 70.4 57.1 85.7



#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 98 Resp: 504732
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 100.53 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

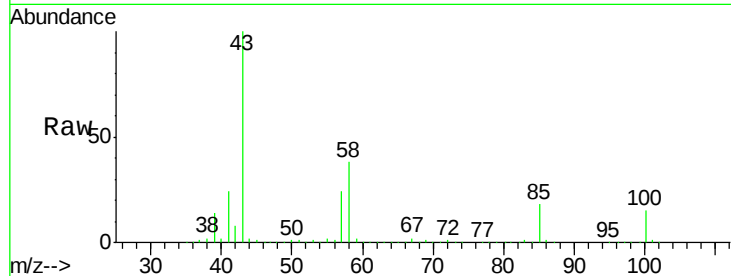
ClientSampleId :

Tot Ion: 43 Resp: 440215

Ion Ratio Lower Upper

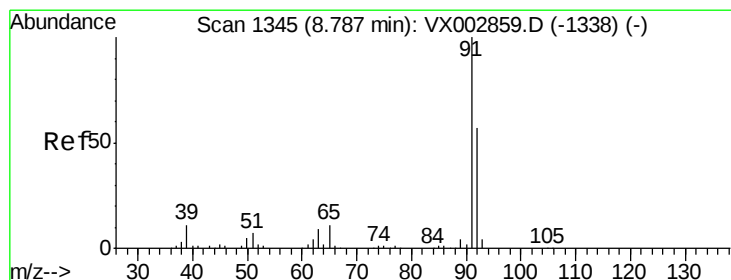
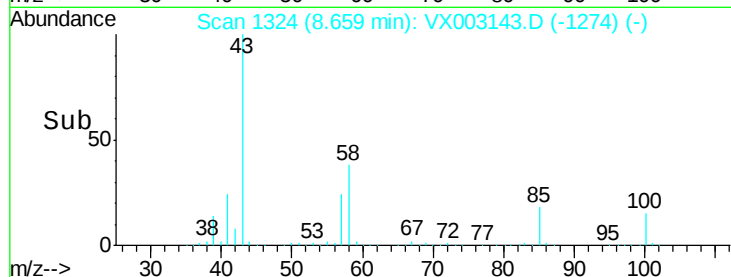
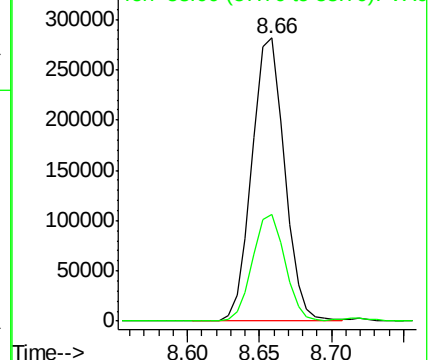
43 100

58 37.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.51 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003143.D

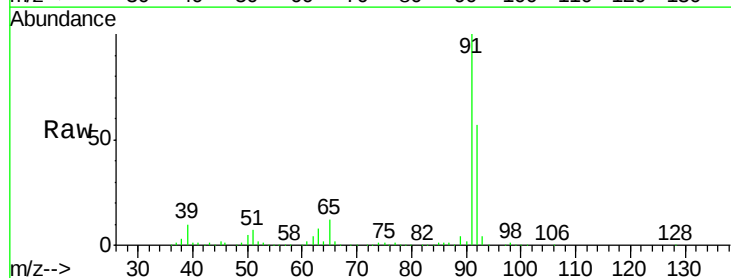
Acq: 03 Jul 2018 12:31

Tgt Ion: 92 Resp: 147934

Ion Ratio Lower Upper

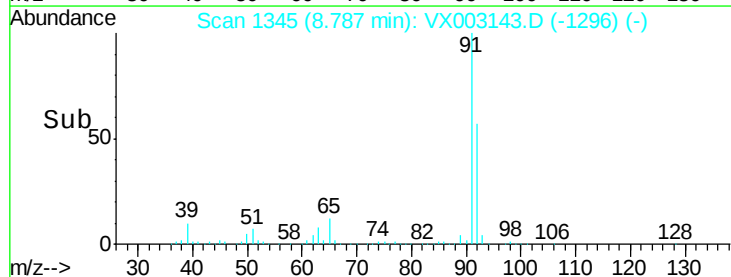
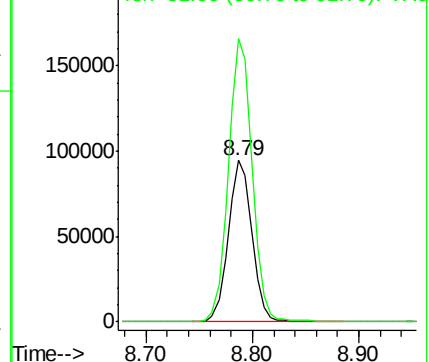
92 100

91 175.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

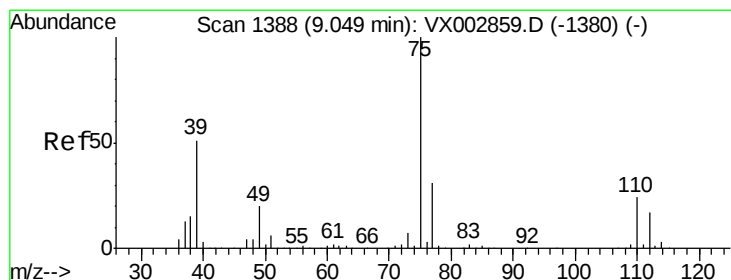
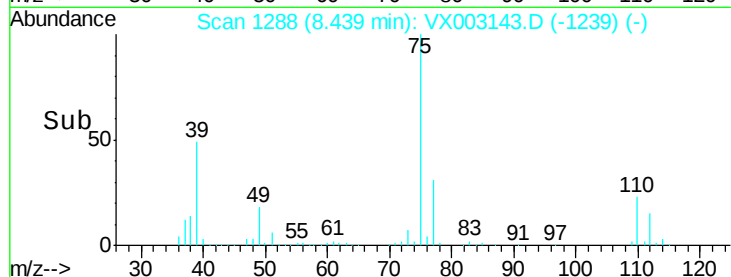
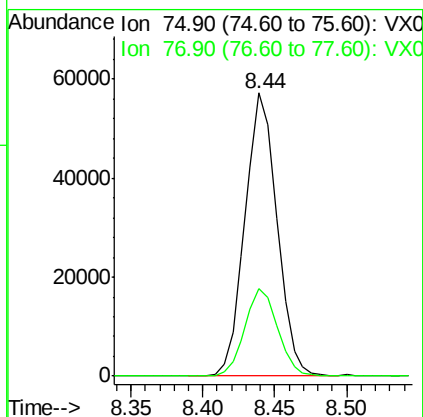
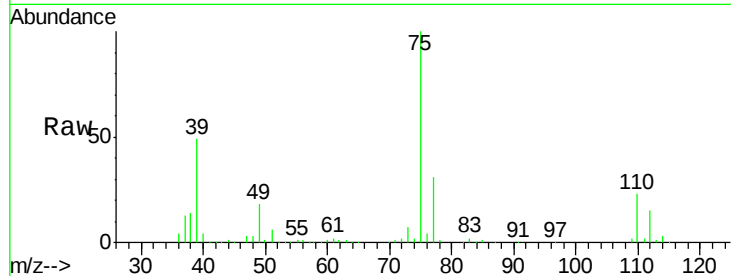




#53
t-1,3-Dichloropropene
Concen: 20.32 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

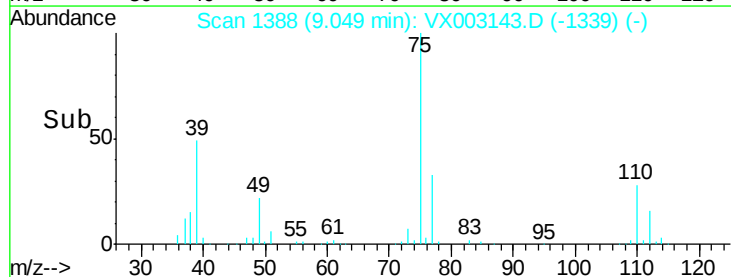
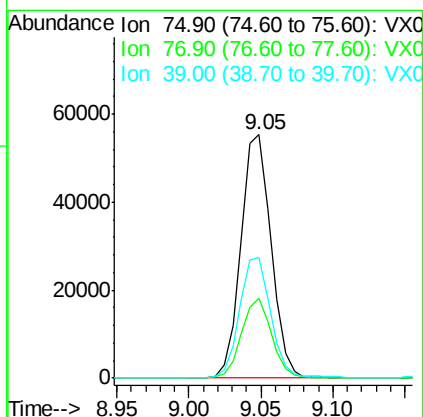
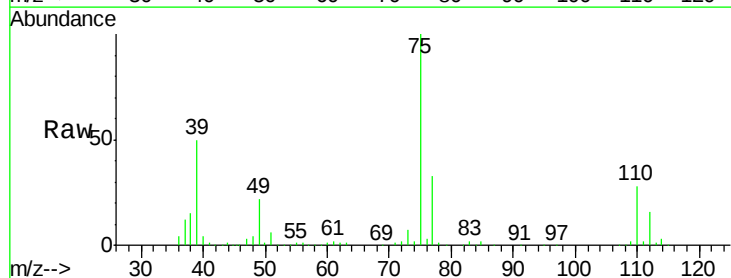
Instrument :
MSVOA_X
ClientSampleId :

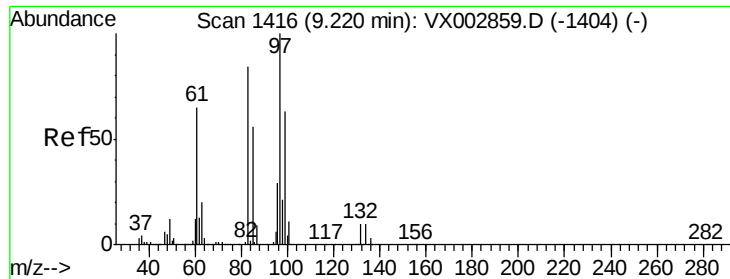
Tot Ion: 75 Resp: 88184
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.22 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 75 Resp: 80275
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 49.5 42.4 63.6

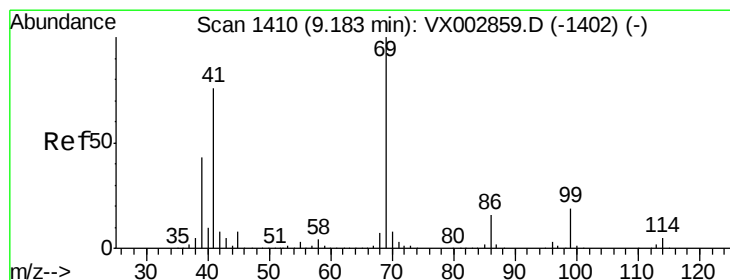
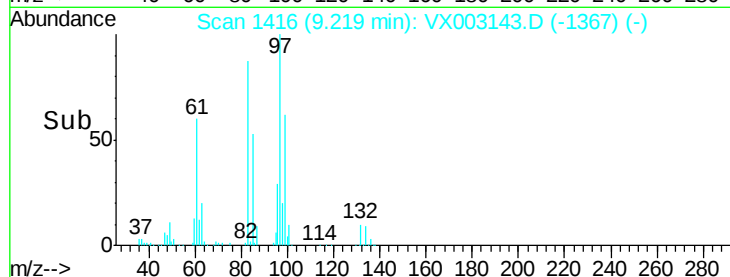
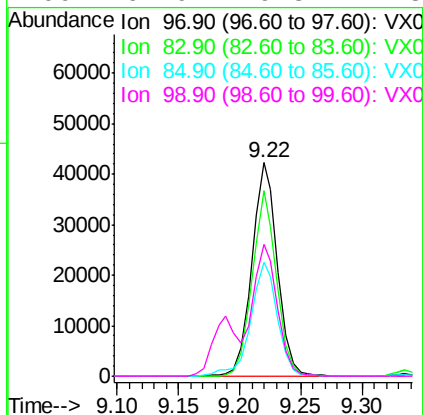
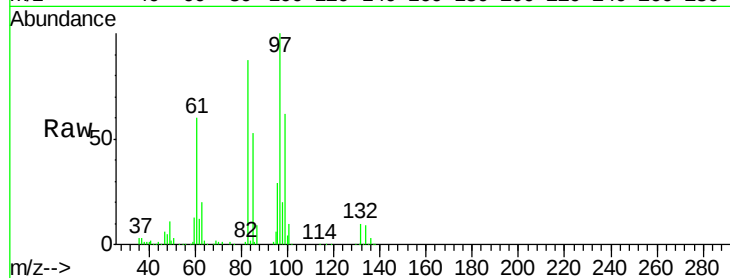




#55
 1,1,2-Trichloroethane
 Concen: 20.66 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

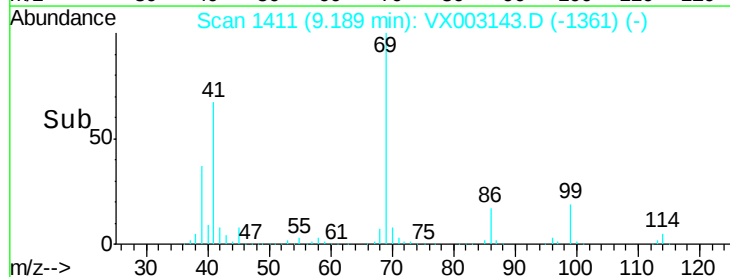
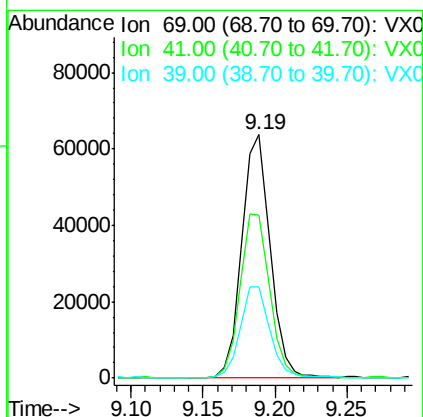
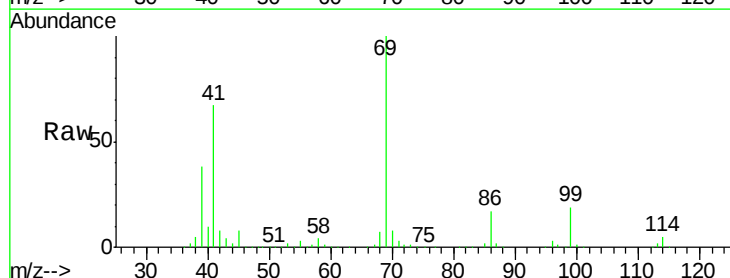
Instrument :
 MSVOA_X
 ClientSampleId :

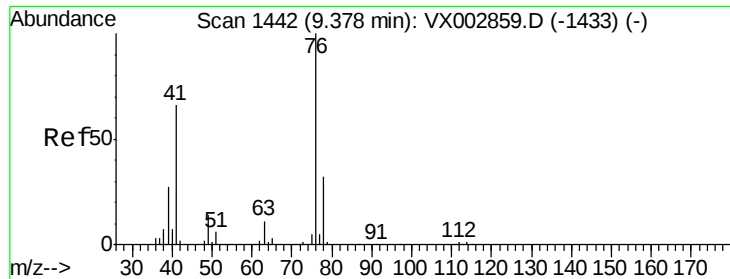
Tot Ion:	97	Resp:	61239
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.2
85	53.3	44.9	67.3
99	61.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.13 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion:	69	Resp:	87221
Ion	Ratio	Lower	Upper
69	100		
41	70.4	60.3	90.5
39	39.2	35.8	53.8

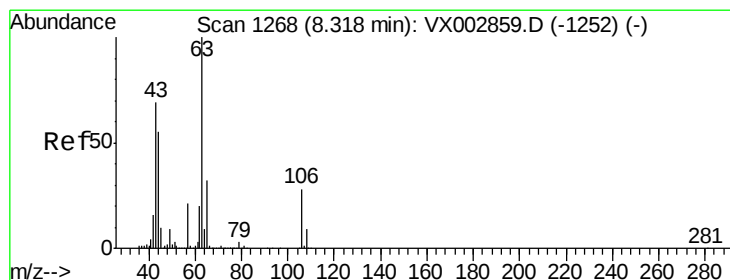
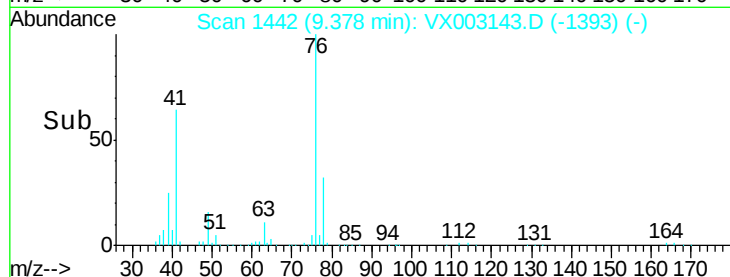
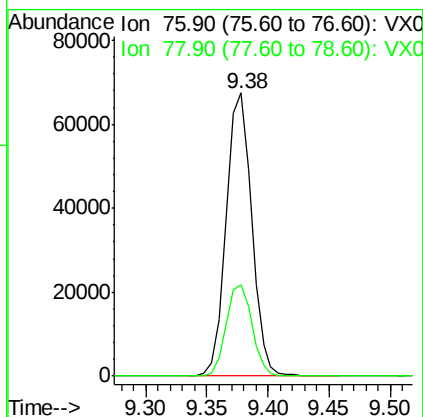
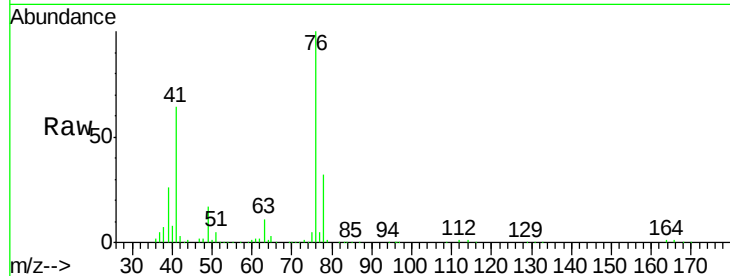




#57
 1,3-Dichloropropane
 Concen: 19.98 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

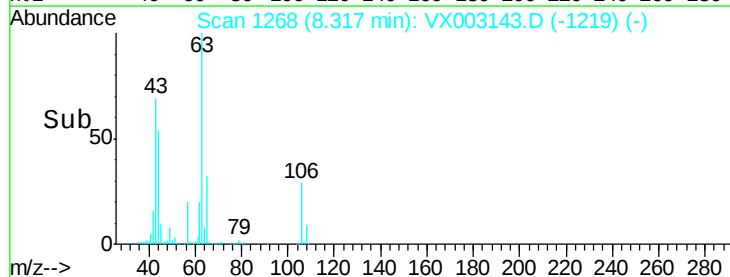
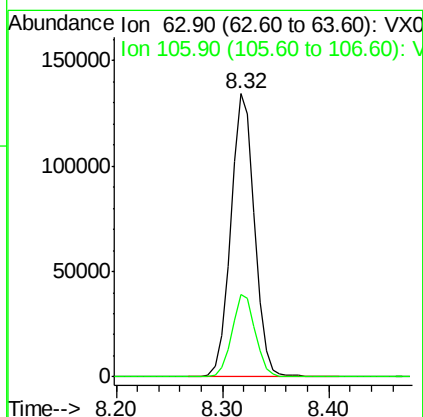
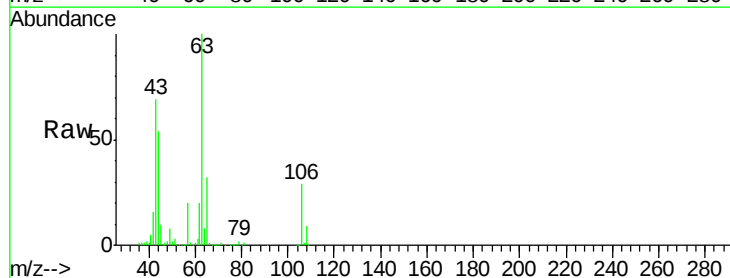
Instrument :
 MSVOA_X
 ClientSampleId :

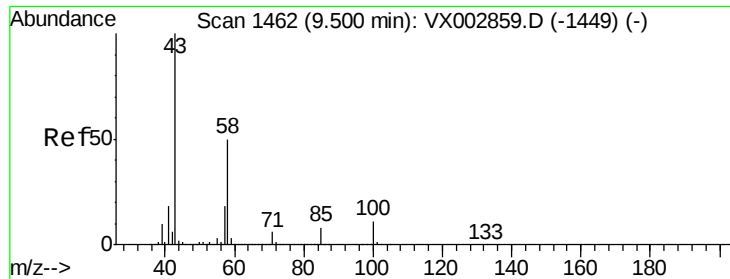
Tot Ion: 76 Resp: 97284
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.67 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion: 63 Resp: 210424
 Ion Ratio Lower Upper
 63 100
 106 28.8 21.8 32.8

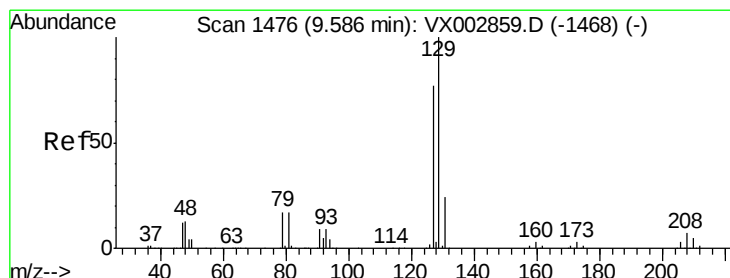
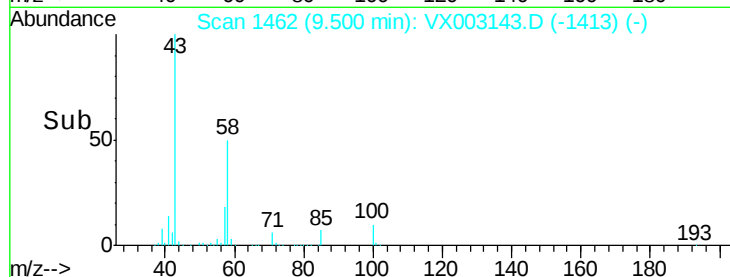
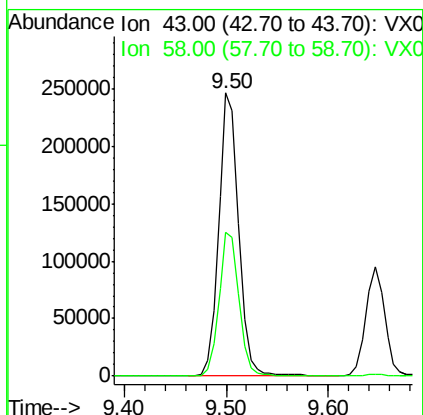
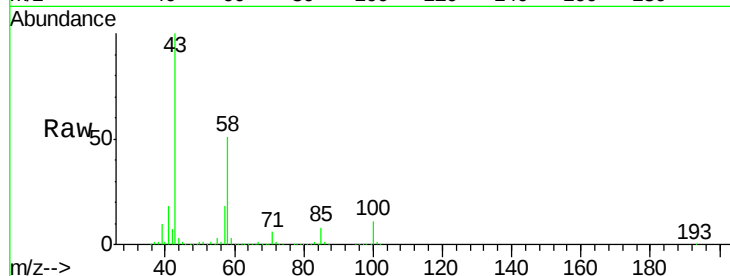




#59
2-Hexanone
Concen: 101.23 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

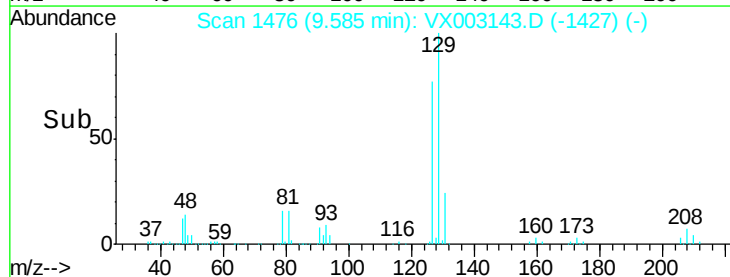
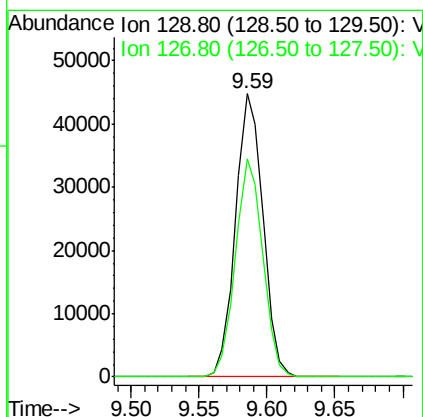
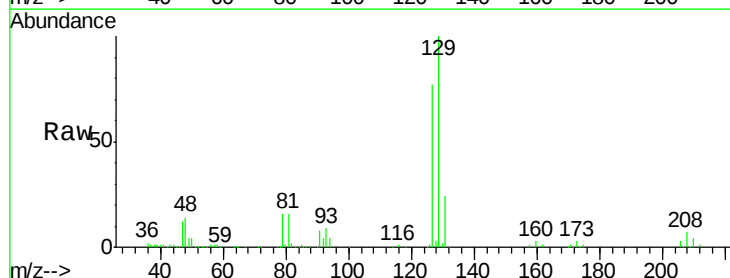
Instrument :
MSVOA_X
ClientSampleId :

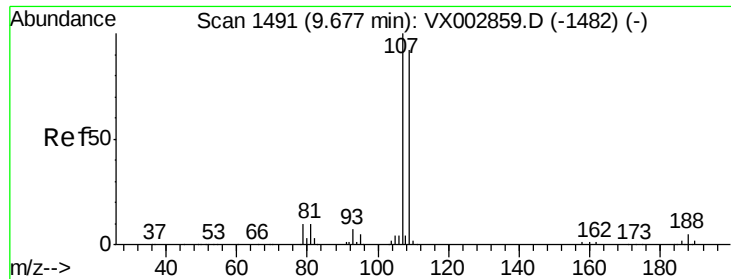
Tot Ion: 43 Resp: 336880
Ion Ratio Lower Upper
43 100
58 51.3 24.6 73.6



#60
Dibromochloromethane
Concen: 20.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:129 Resp: 62960
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

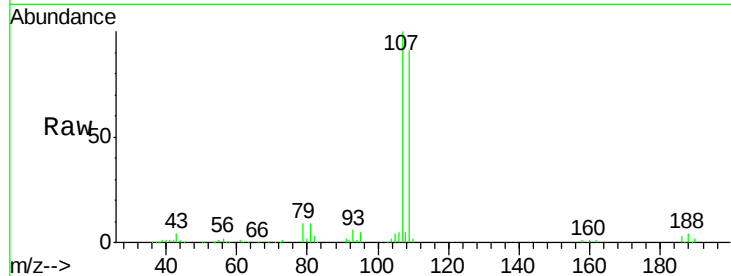
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 107 Resp: 63957

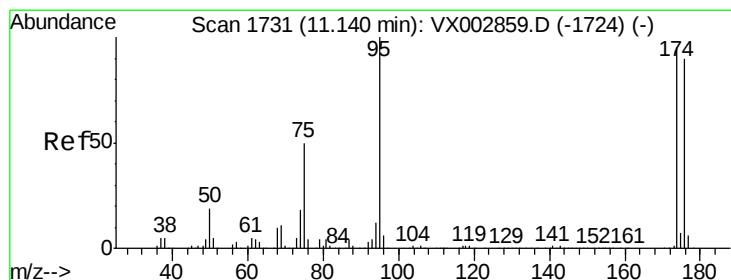
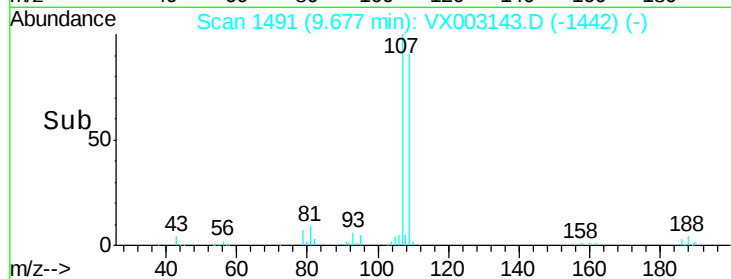
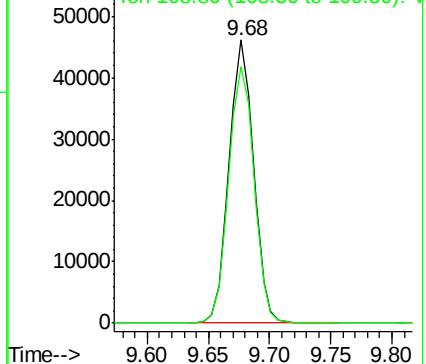
Ion Ratio Lower Upper

107 100

109 93.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

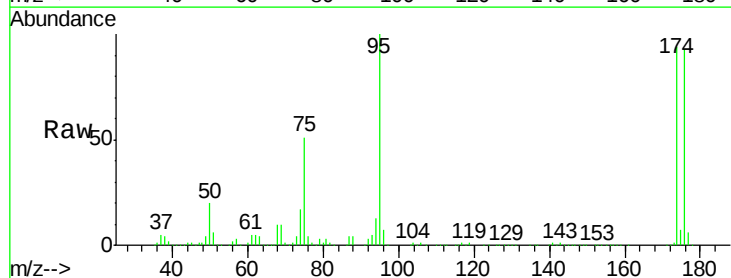
Tgt Ion: 95 Resp: 190118

Ion Ratio Lower Upper

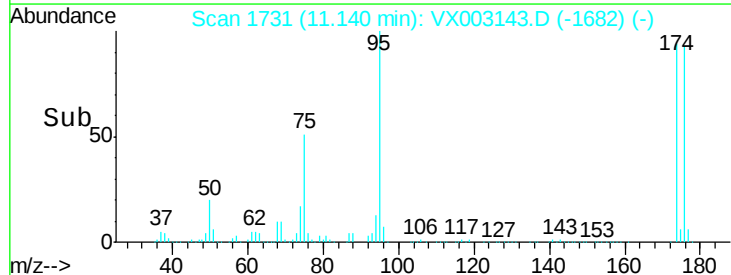
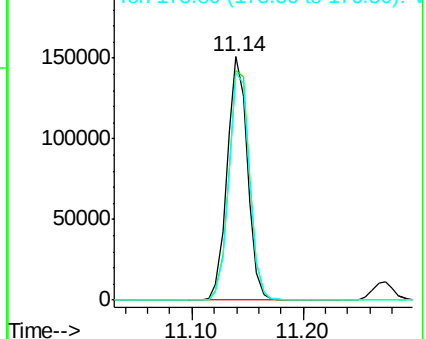
95 100

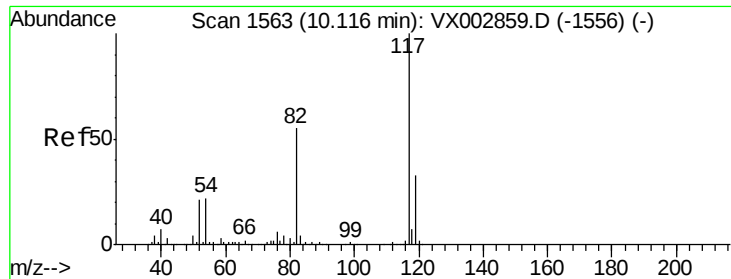
174 97.1 0.0 187.4

176 95.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

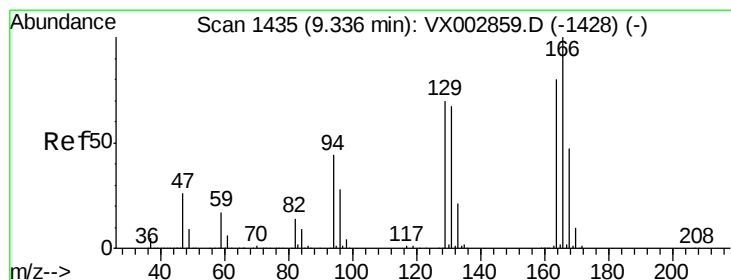
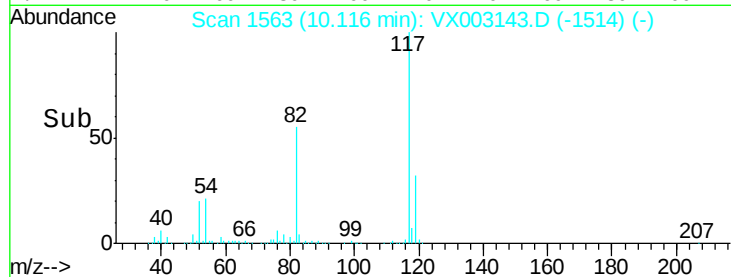
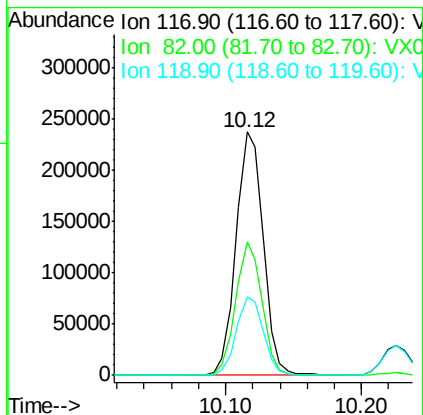
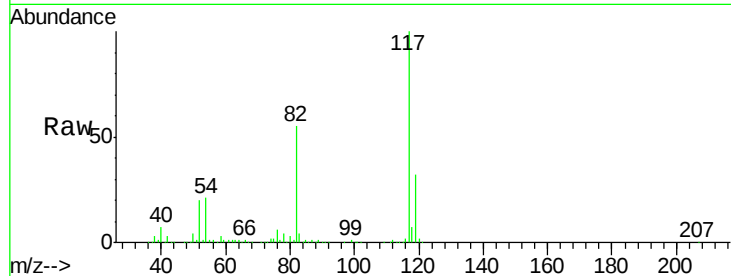




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

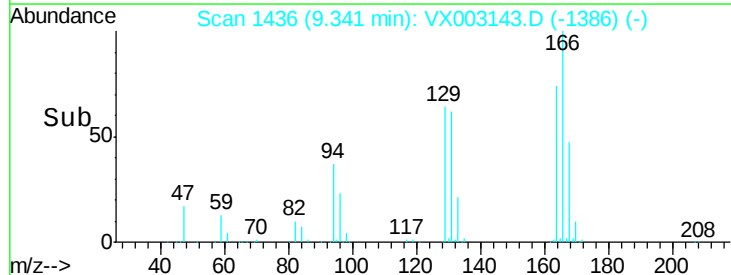
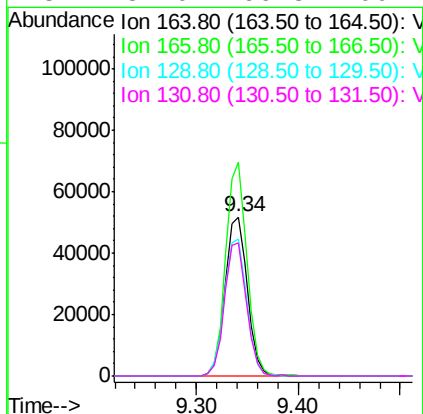
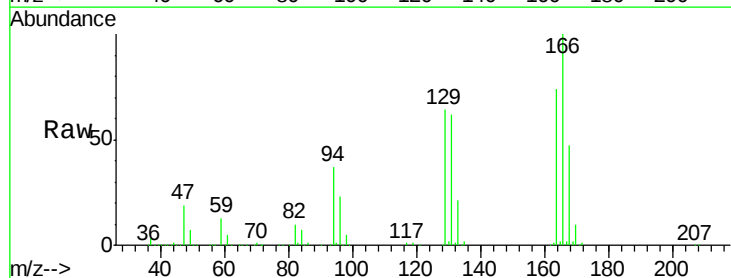
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 329821
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 21.25 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:164 Resp: 77944
Ion Ratio Lower Upper
164 100
166 134.5 102.9 154.3
129 86.2 68.6 102.8
131 84.0 66.8 100.2





#65

Chlorobenzene

Concen: 20.32 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

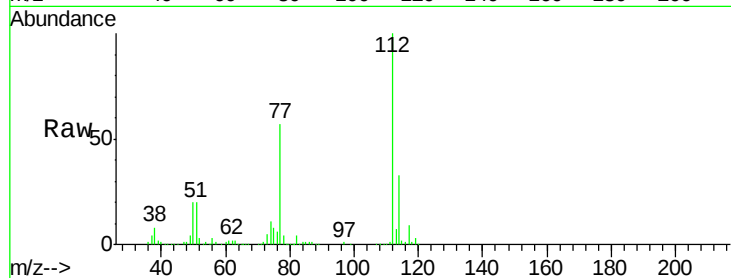
ClientSampled :

Tot Ion:112 Resp: 170269

Ion Ratio Lower Upper

112 100

114 32.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

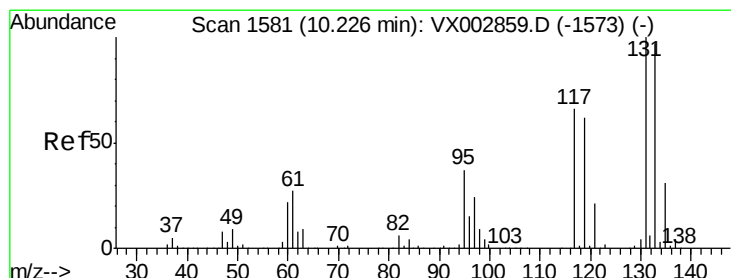
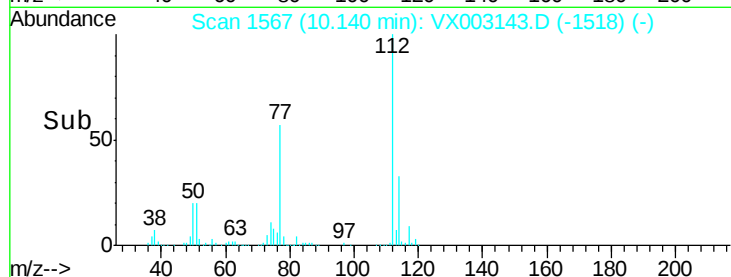
10.14

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.62 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

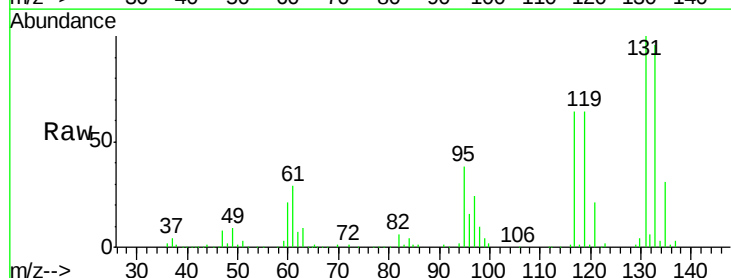
Tgt Ion:131 Resp: 62751

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

119 64.3 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

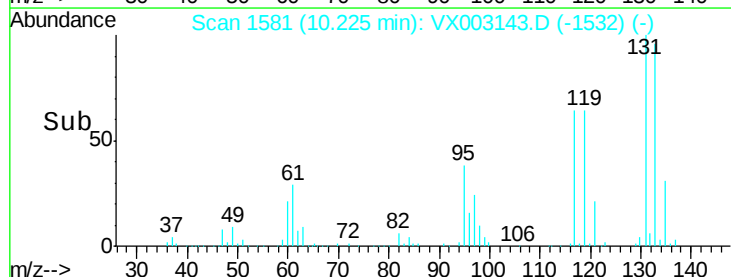
30000

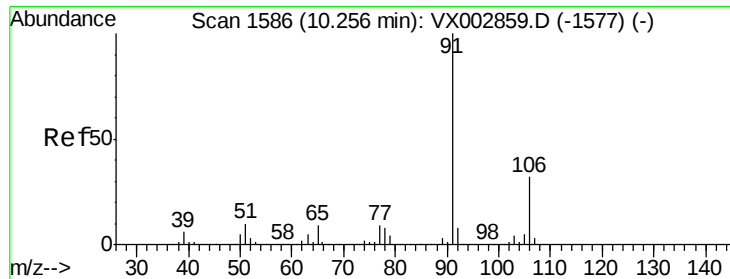
20000

10000

0

Time-->

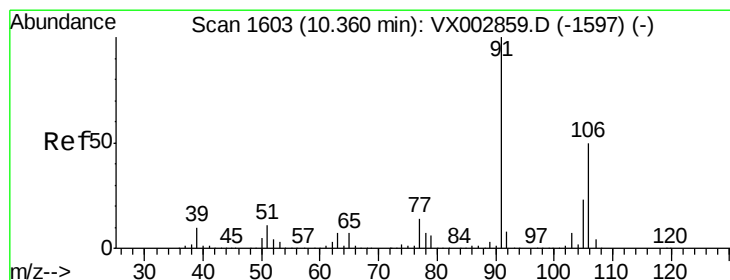
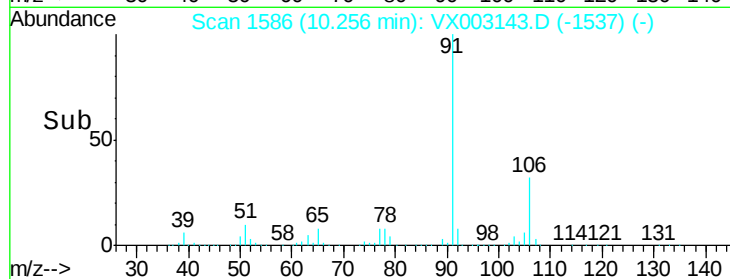
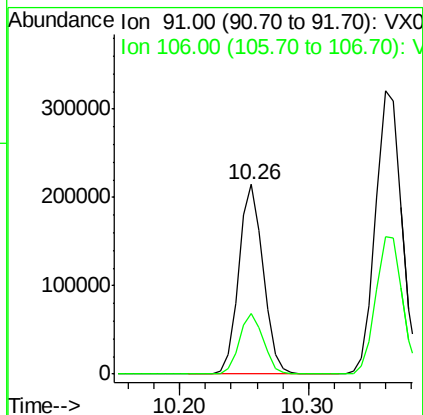
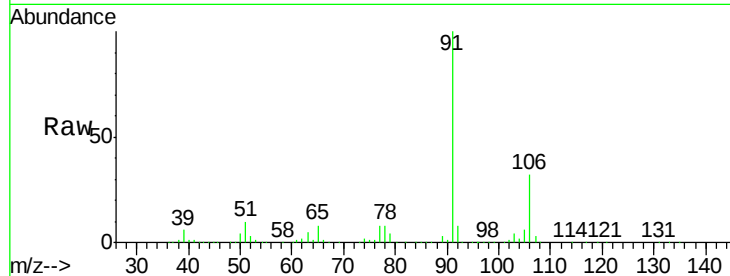




#67
Ethyl Benzene
Concen: 20.42 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

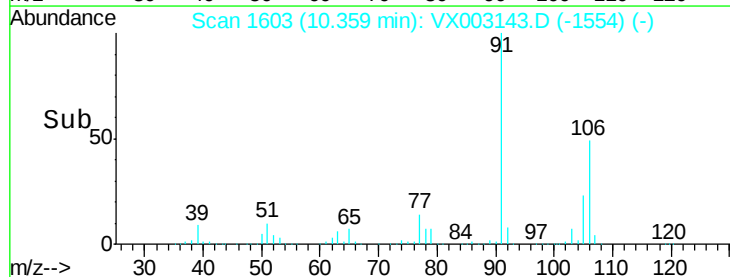
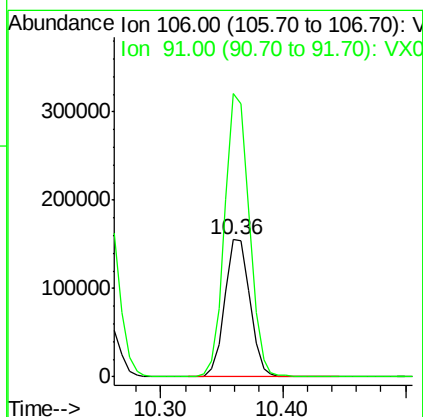
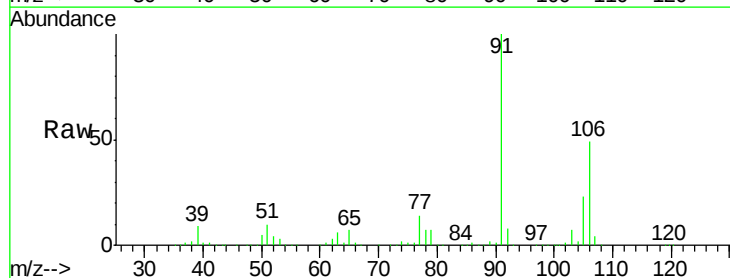
Instrument :
MSVOA_X
ClientSampled :

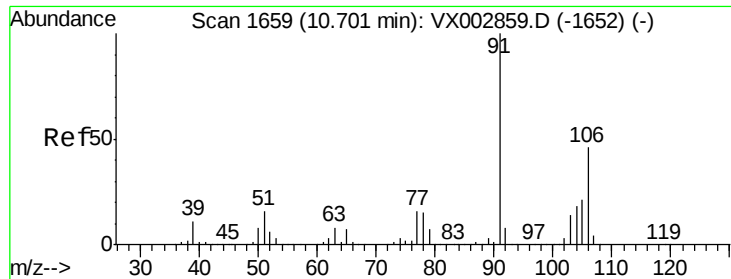
Tot Ion: 91 Resp: 282631
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 41.37 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 106 Resp: 220626
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2

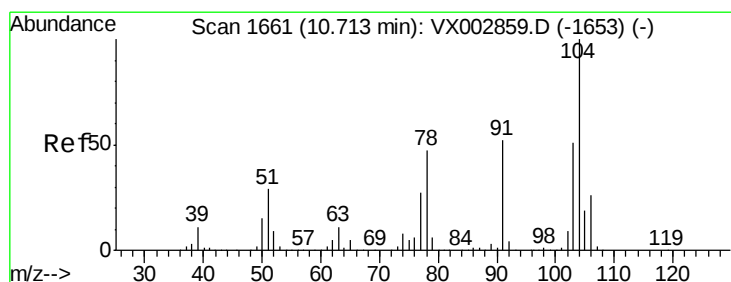
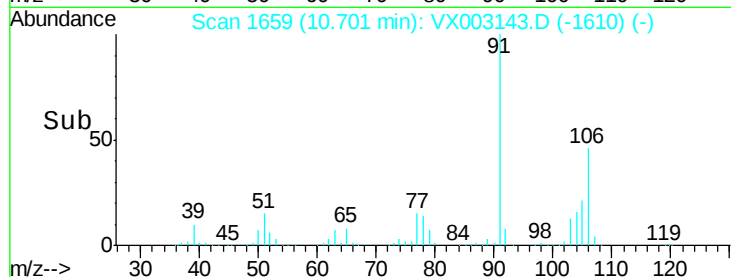
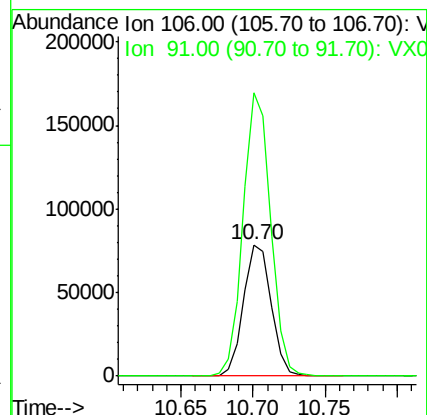
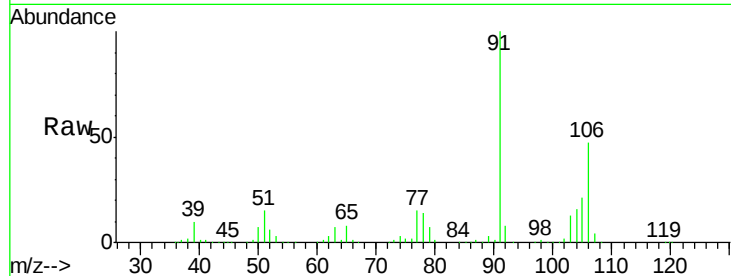




#69
o-Xylene
Concen: 20.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

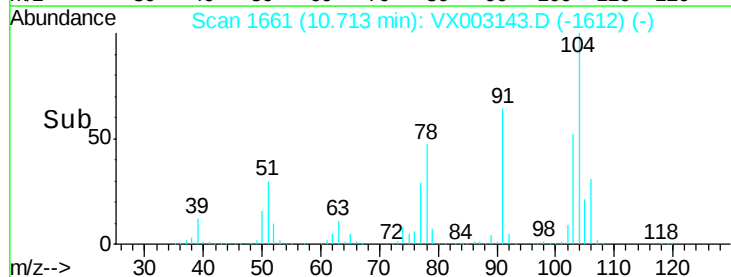
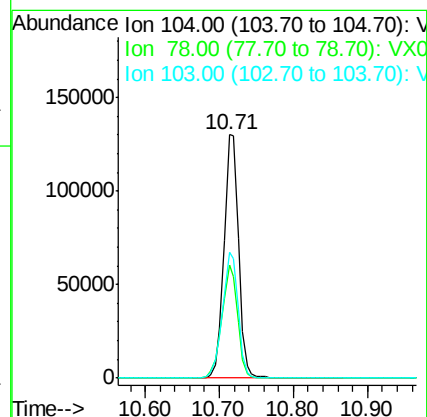
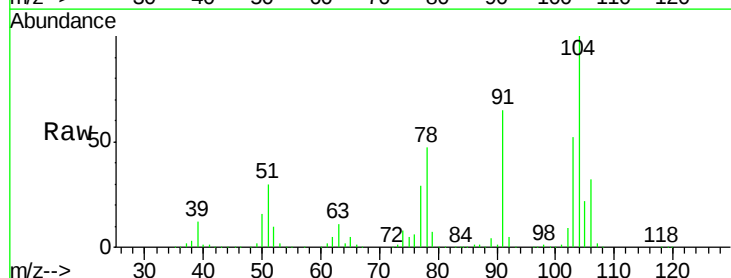
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 105717
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6



#70
Styrene
Concen: 20.90 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:104 Resp: 176383
Ion Ratio Lower Upper
104 100
78 49.7 41.0 61.6
103 55.5 44.2 66.4





#71

Bromoform

Concen: 20.16 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

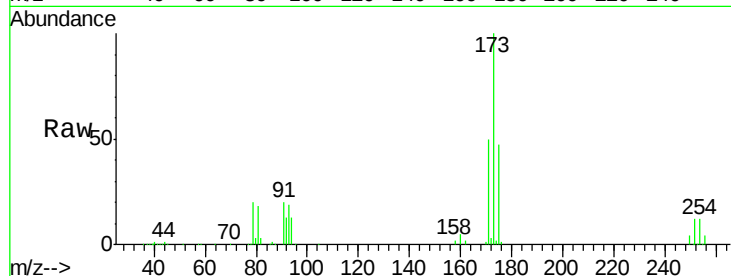
Tot Ion:173 Resp: 48475

Ion Ratio Lower Upper

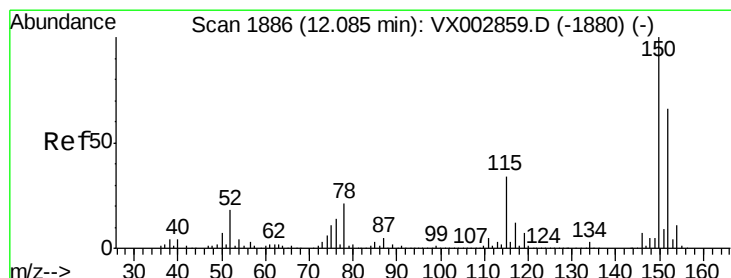
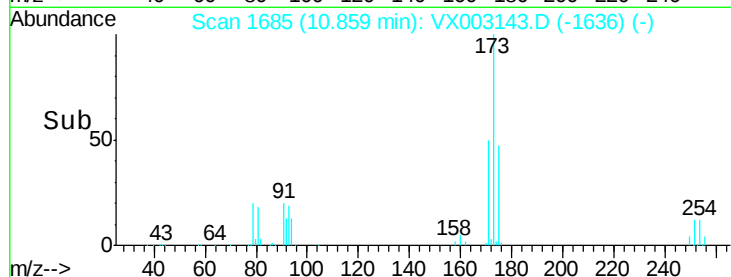
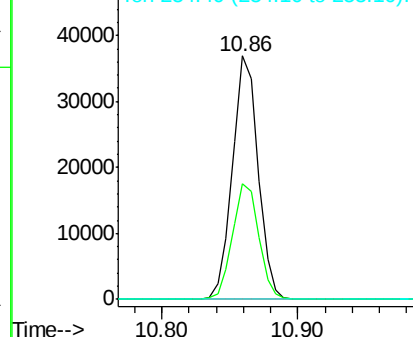
173 100

175 48.6 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# 1886

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

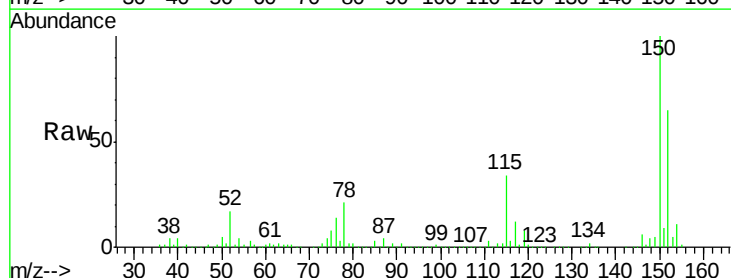
Tgt Ion:152 Resp: 208294

Ion Ratio Lower Upper

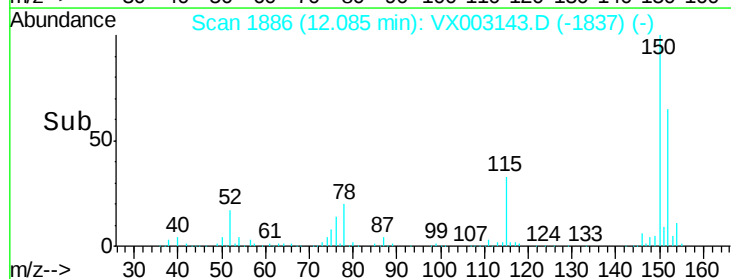
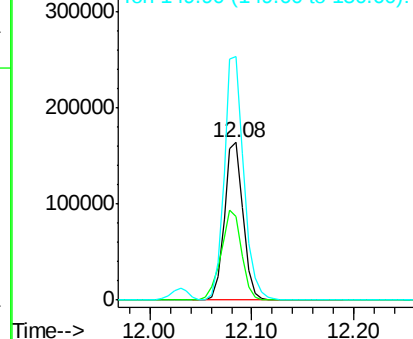
152 100

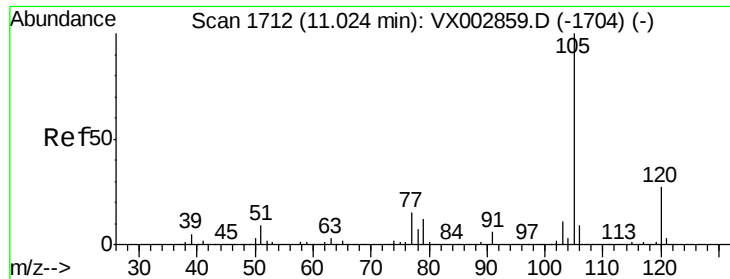
115 63.1 40.1 120.2

150 162.9 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

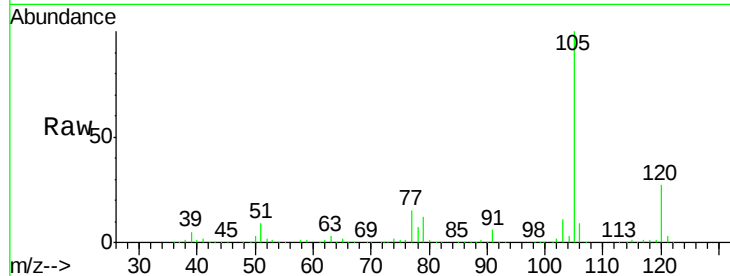
ClientSampleId :

Tot Ion:105 Resp: 290981

Ion Ratio Lower Upper

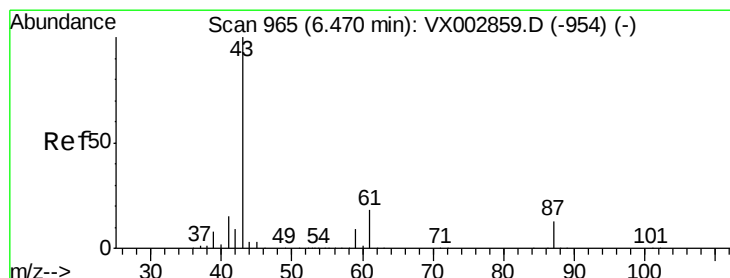
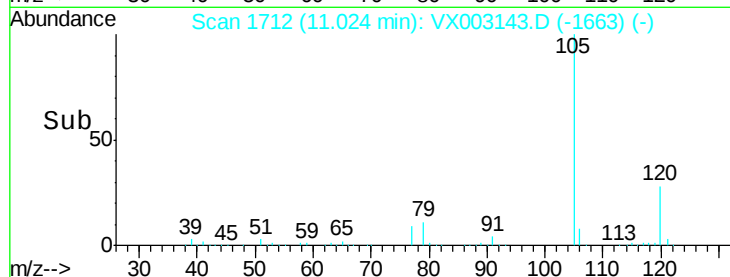
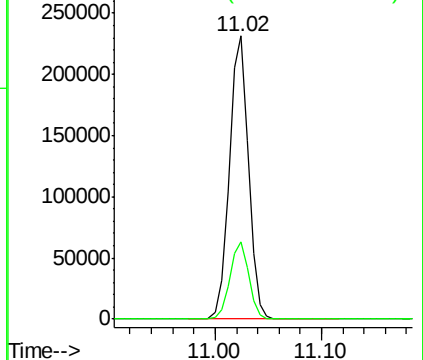
105 100

120 27.2 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: 20.03 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Tgt Ion: 43 Resp: 137299

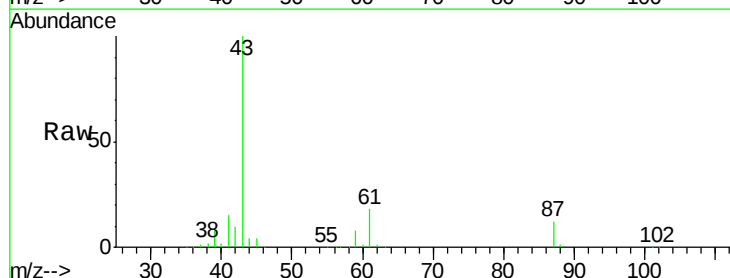
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.0 14.4 21.6

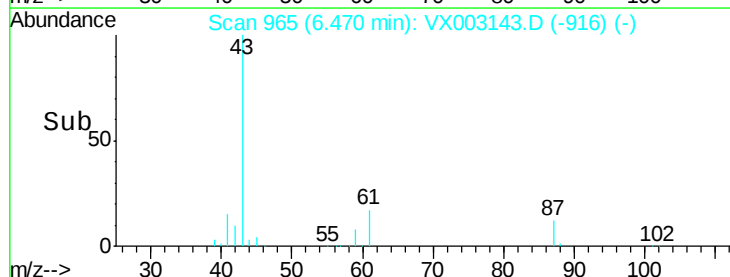
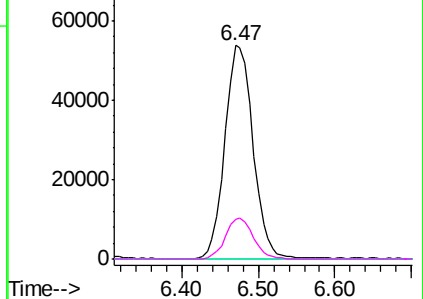


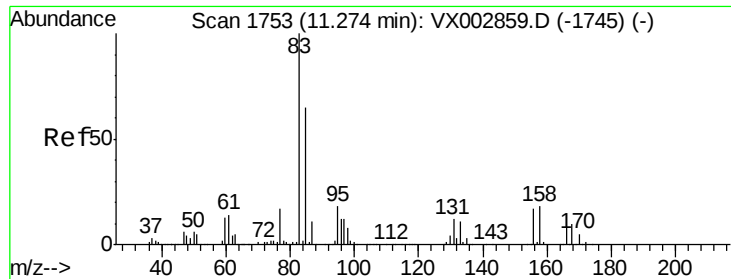
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

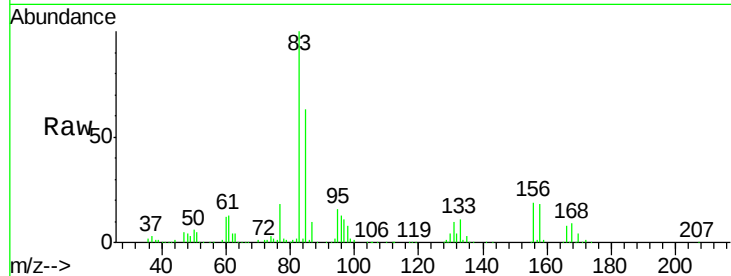
Tot Ion: 83 Resp: 89083

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

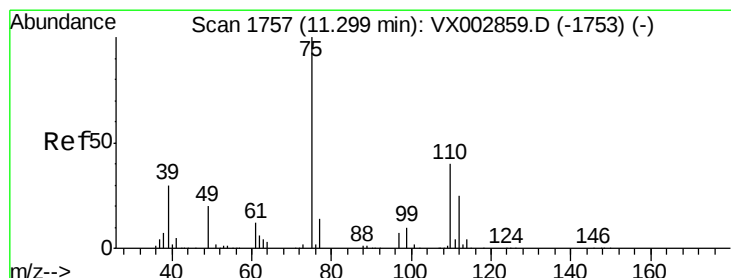
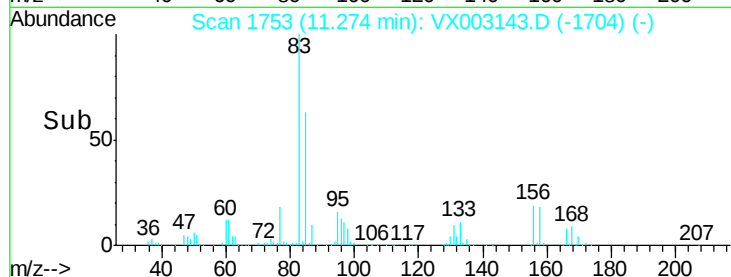
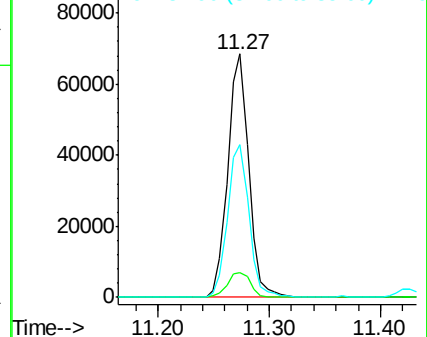
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.36 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003143.D

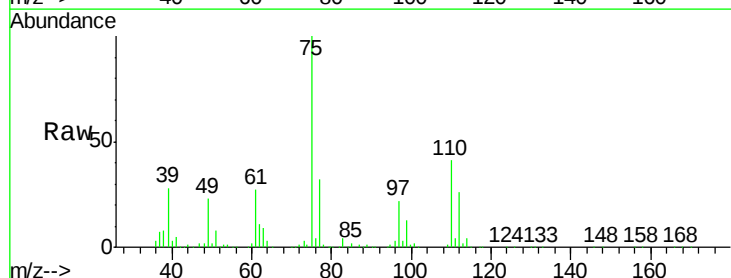
Acq: 03 Jul 2018 12:31

Tgt Ion: 75 Resp: 99471

Ion Ratio Lower Upper

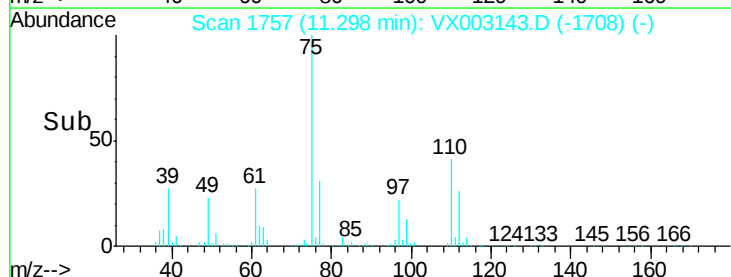
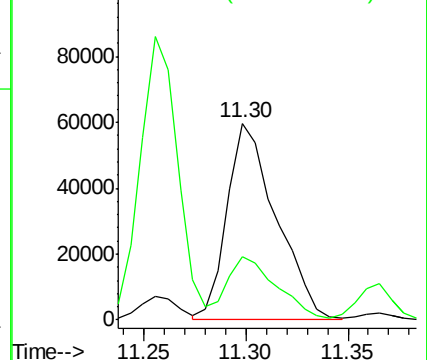
75 100

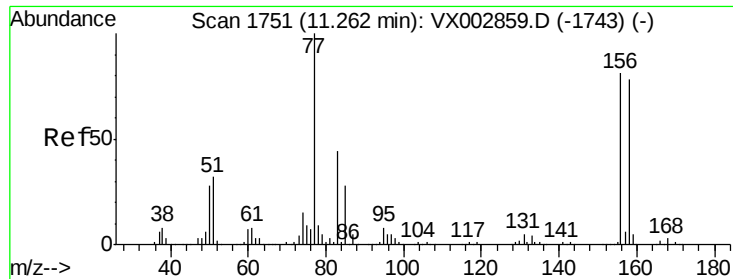
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.32 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

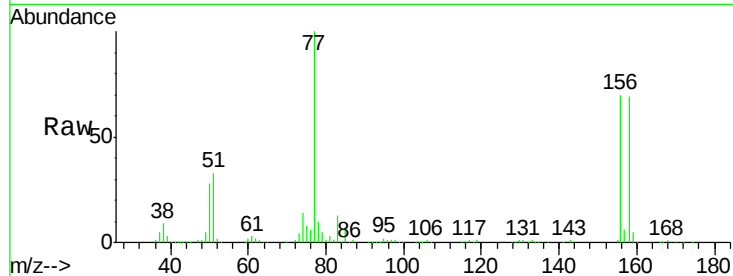
Tot Ion:156 Resp: 81076

Ion Ratio Lower Upper

156 100

77 135.8 71.4 214.2

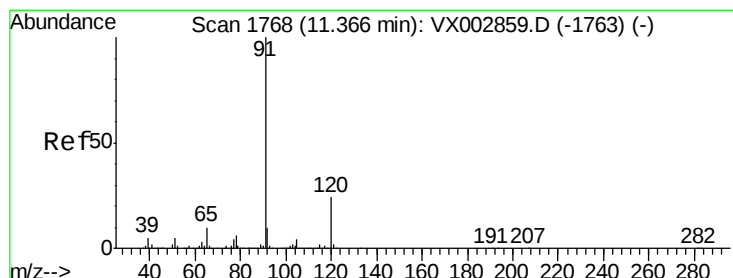
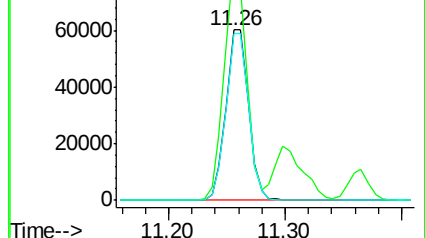
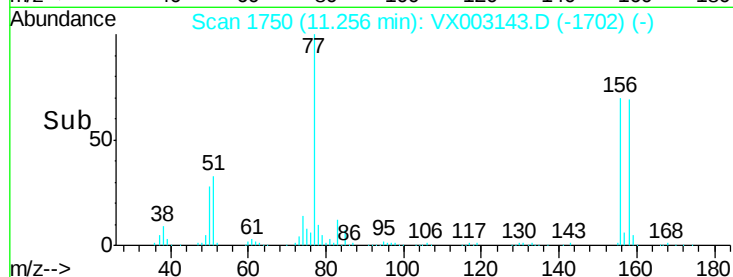
158 98.3 48.9 146.6



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: 20.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003143.D

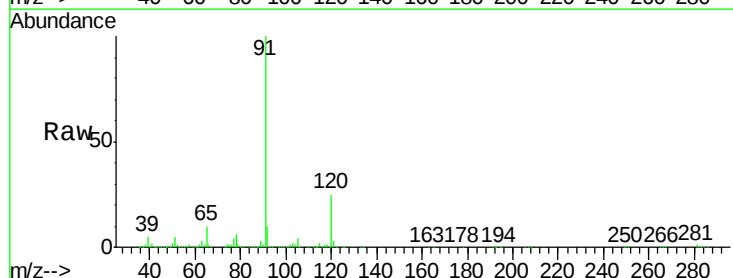
Acq: 03 Jul 2018 12:31

Tgt Ion: 91 Resp: 328746

Ion Ratio Lower Upper

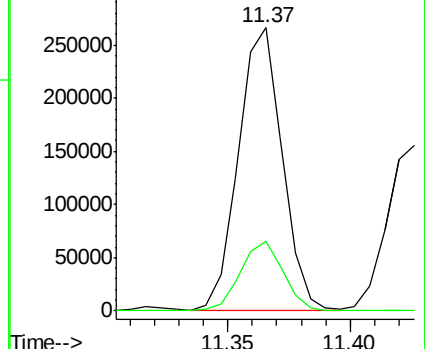
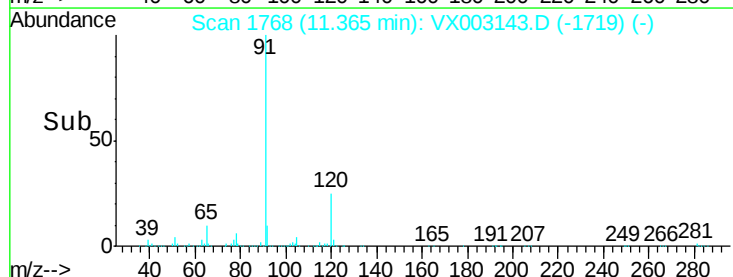
91 100

120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

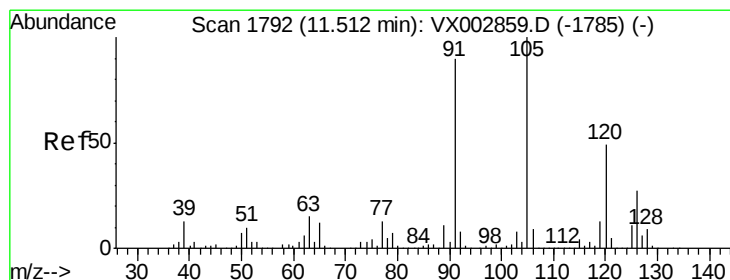
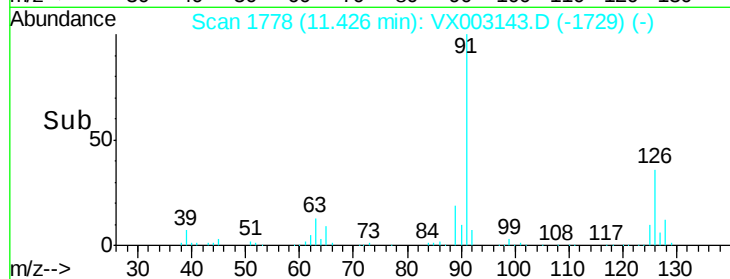
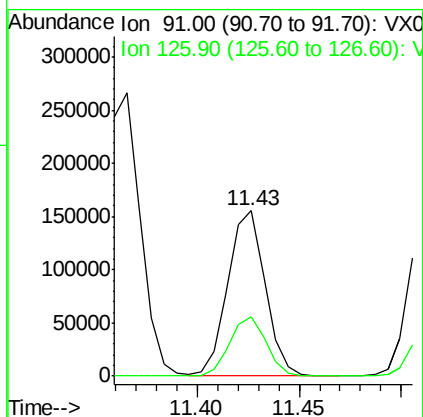
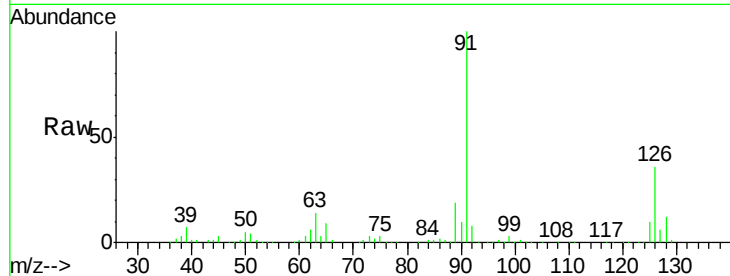




#79
 2-Chlorotoluene
 Concen: 20.28 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

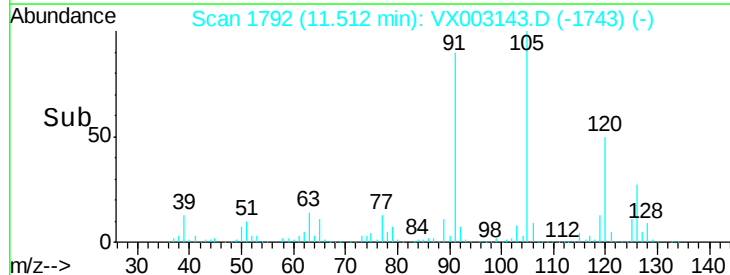
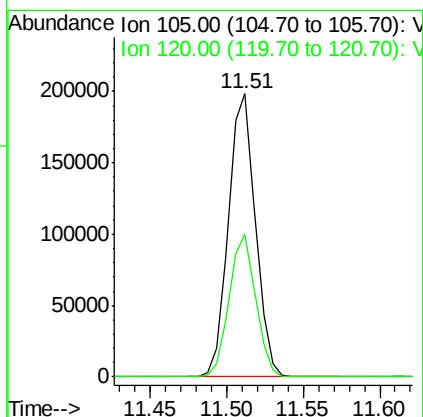
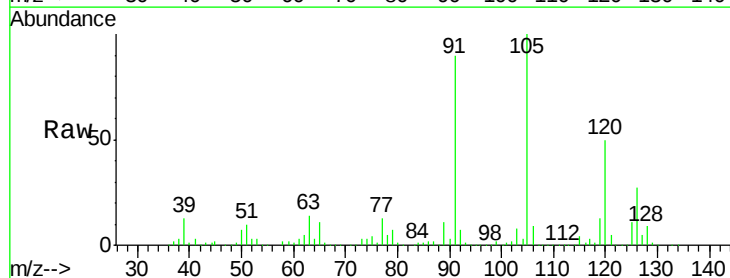
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 195862
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.49 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion: 105 Resp: 241787
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

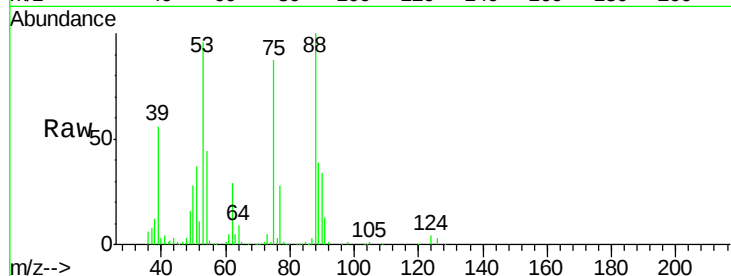
Tot Ion: 75 Resp: 21418

Ion	Ratio	Lower	Upper
75	100		
53	117.7	86.8	130.2
89	49.1	38.2	57.2

75 100

53 117.7 86.8 130.2

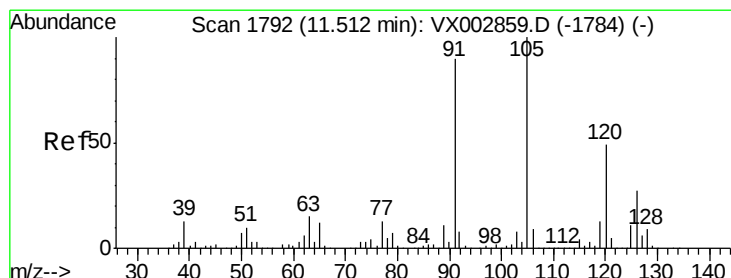
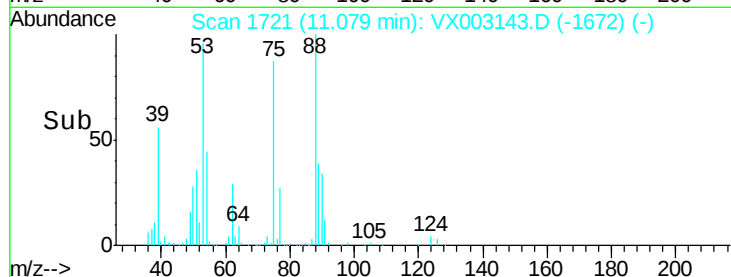
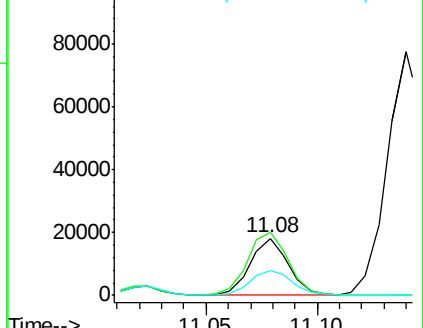
89 49.1 38.2 57.2



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: 20.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003143.D

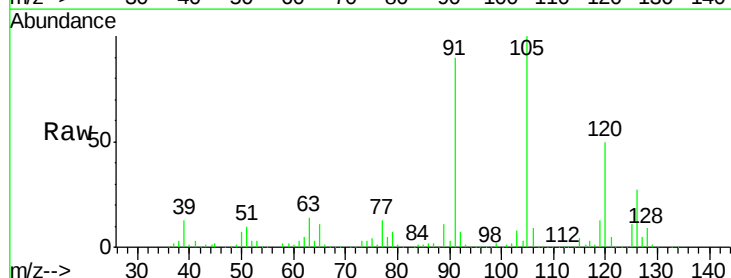
Acq: 03 Jul 2018 12:31

Tgt Ion: 91 Resp: 230014

Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.4	46.4

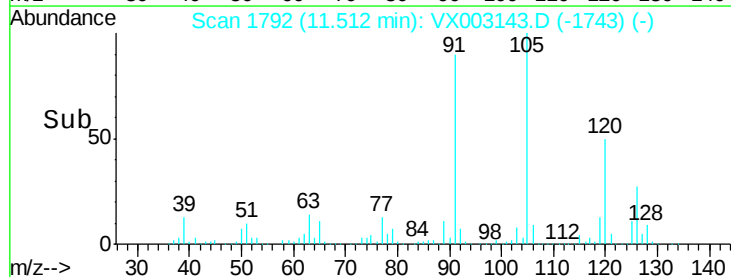
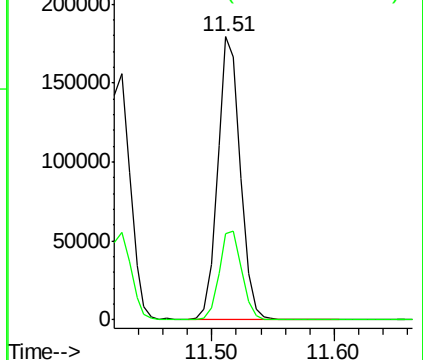
91 100

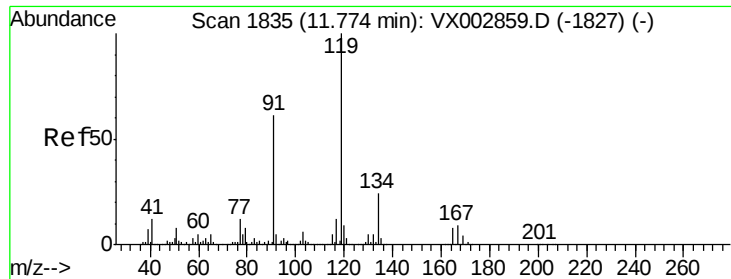
126 31.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.33 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

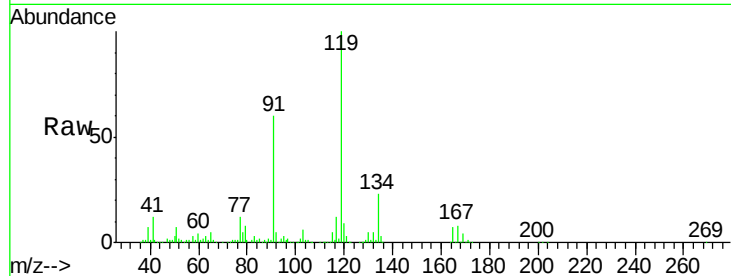
Tot Ion:119 Resp: 236436

Ion Ratio Lower Upper

119 100

91 58.4 30.3 90.9

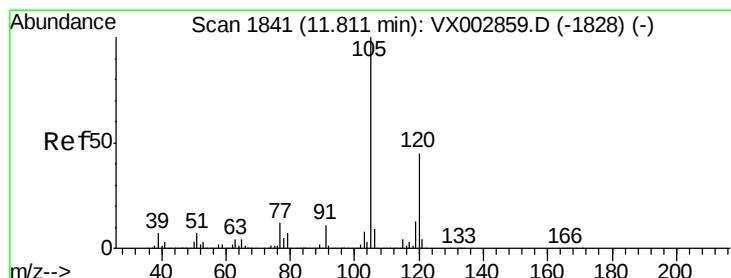
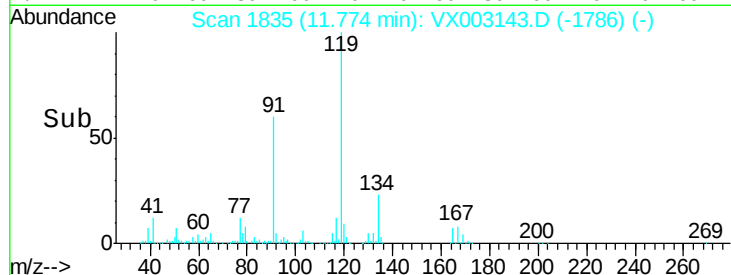
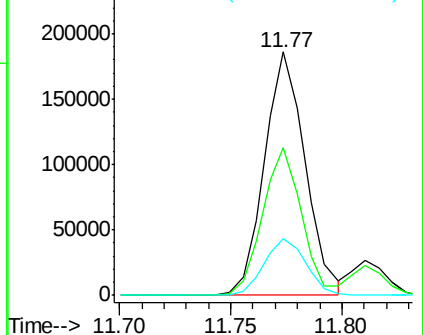
134 23.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.44 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003143.D

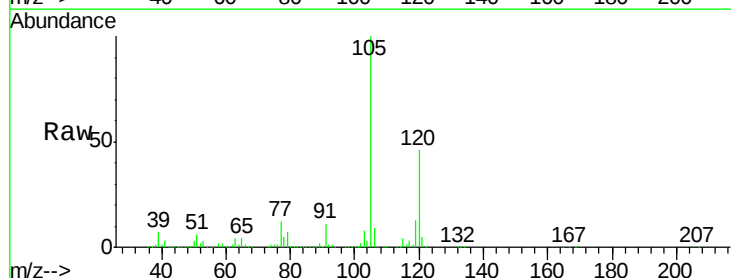
Acq: 03 Jul 2018 12:31

Tgt Ion:105 Resp: 249899

Ion Ratio Lower Upper

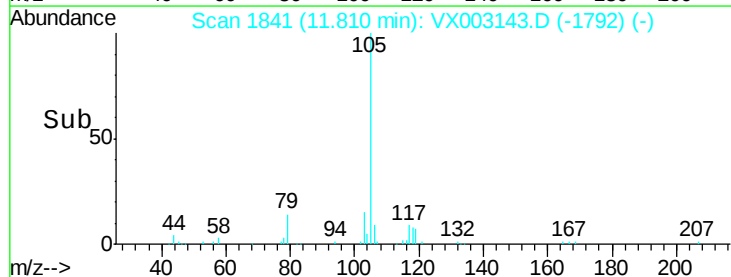
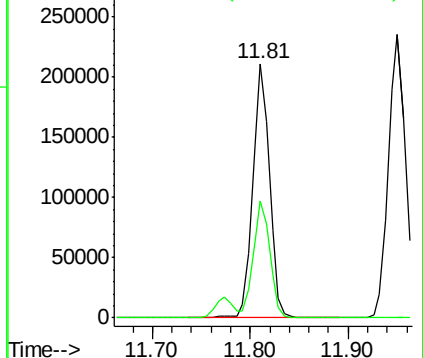
105 100

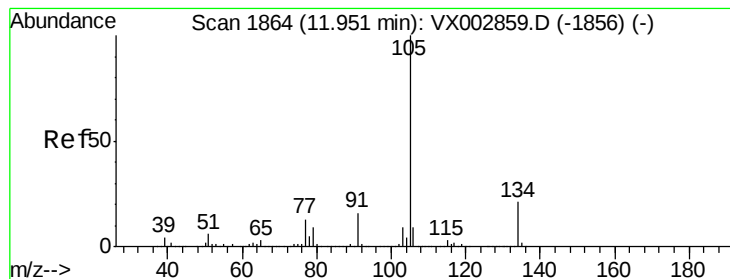
120 46.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.19 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

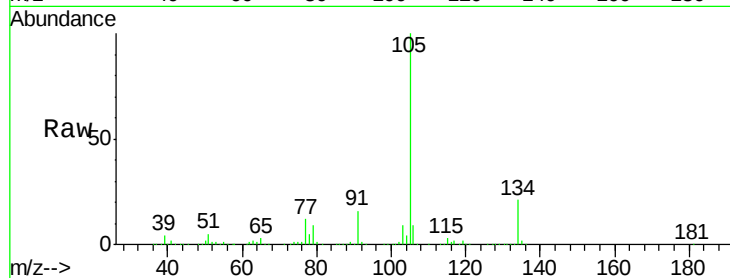
ClientSampleId :

Tot Ion:105 Resp: 284818

Ion Ratio Lower Upper

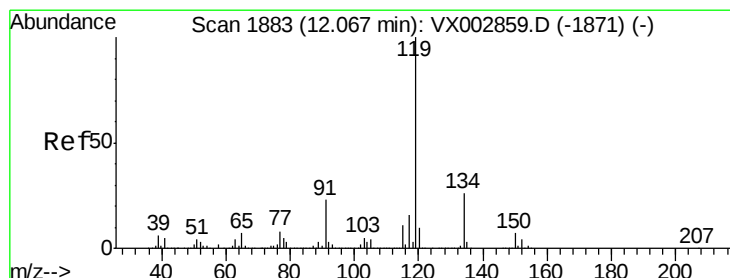
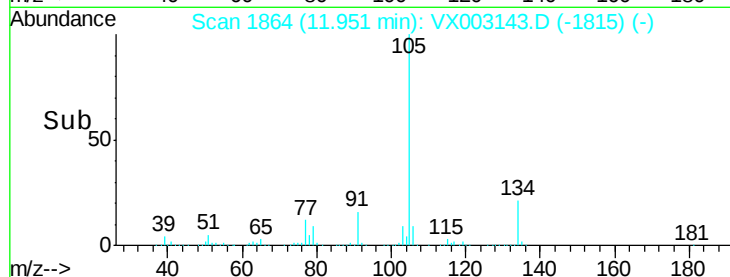
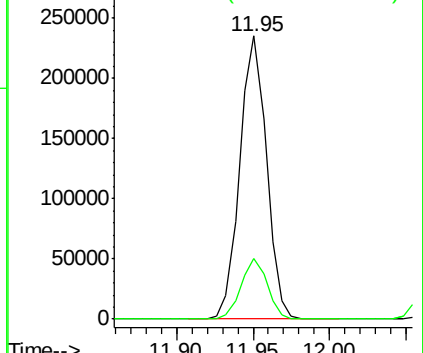
105 100

134 21.2 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: 20.35 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

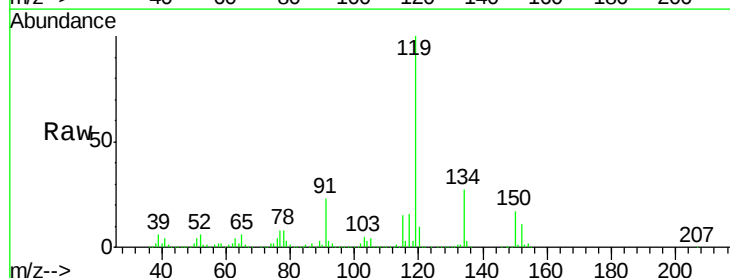
Tgt Ion:119 Resp: 258160

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

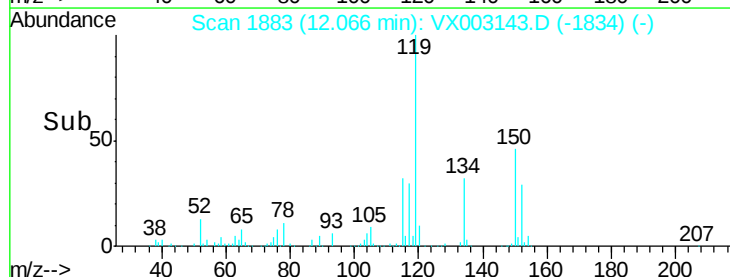
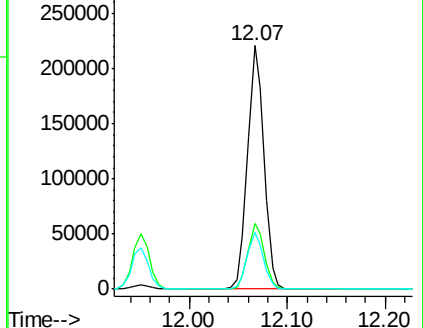
91 23.4 11.9 35.7

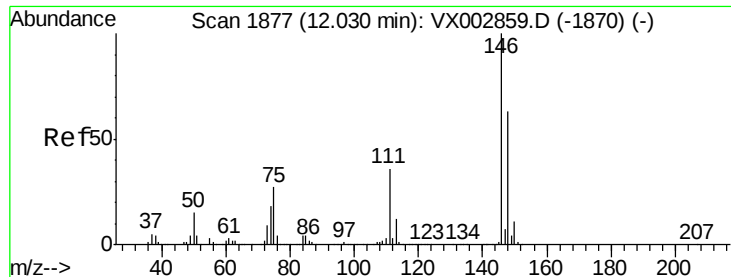


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.44 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

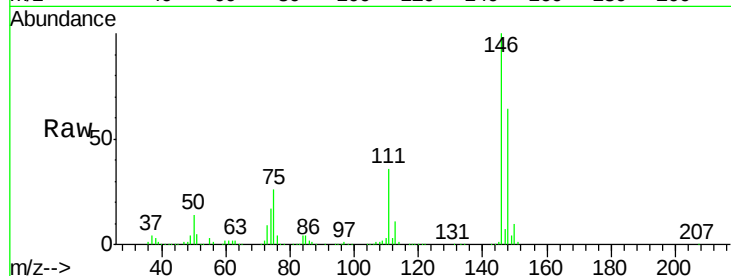
Tot Ion:146 Resp: 148969

Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.7

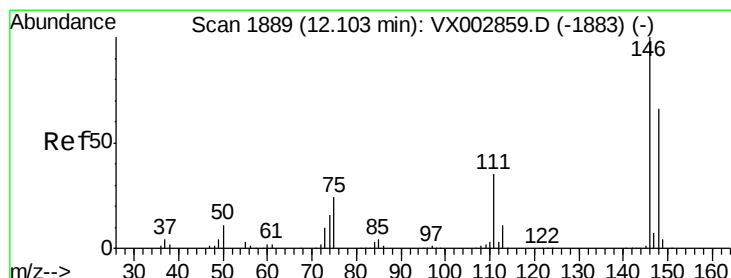
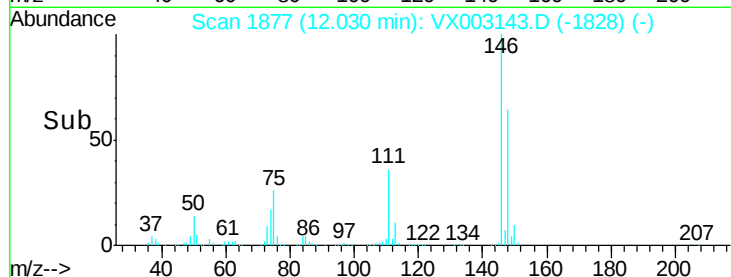
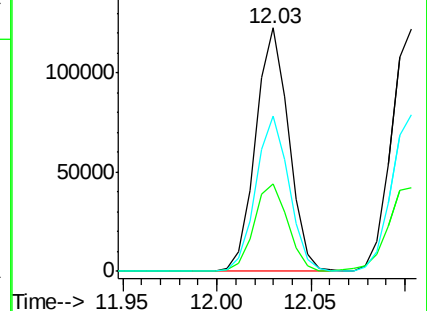
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.96 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

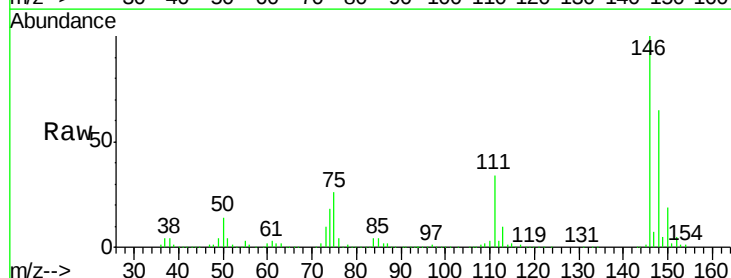
Tgt Ion:146 Resp: 149679

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

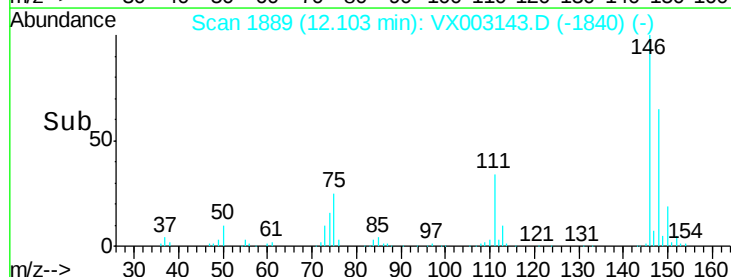
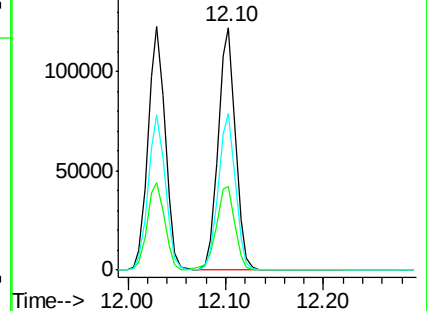
148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

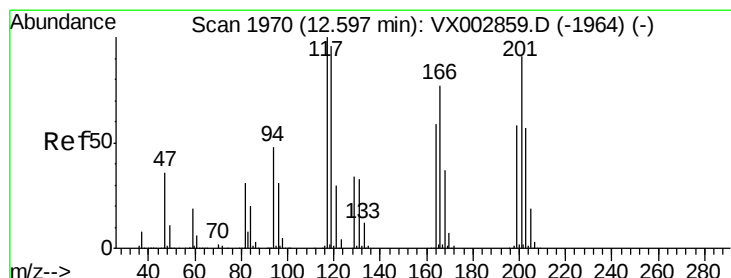
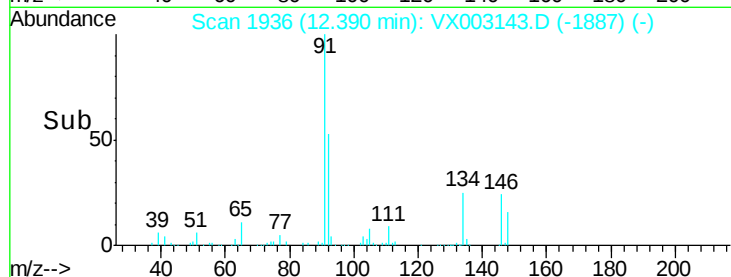
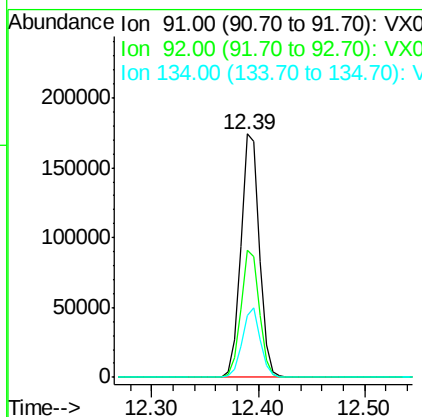
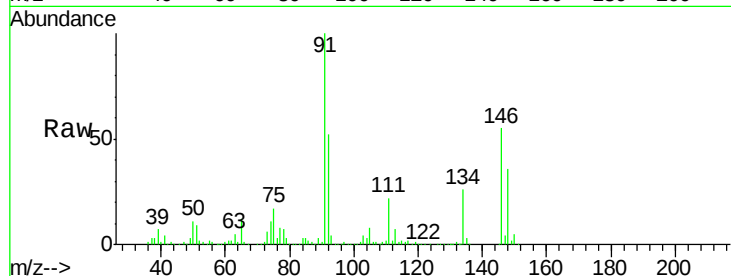




#89
n-Butylbenzene
Concen: 19.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

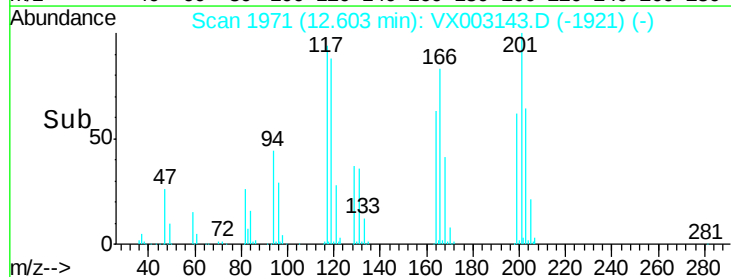
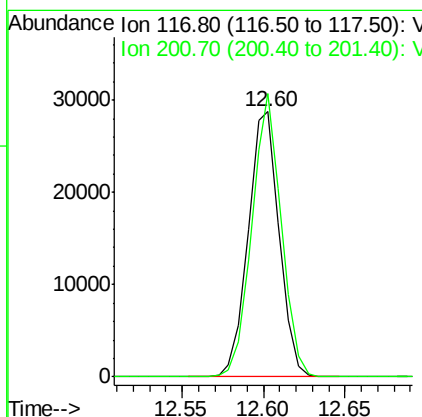
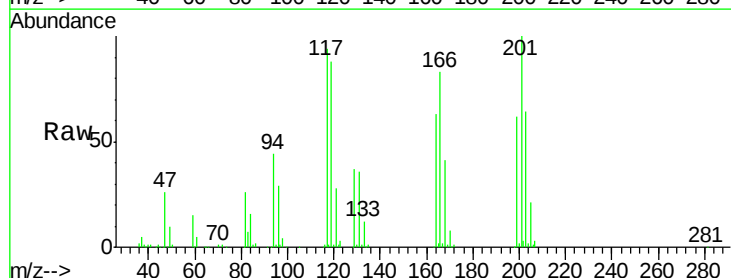
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 212797
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 27.8 13.5 40.5



#90
Hexachloroethane
Concen: 20.15 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 117 Resp: 38026
Ion Ratio Lower Upper
117 100
201 100.4 49.0 147.0

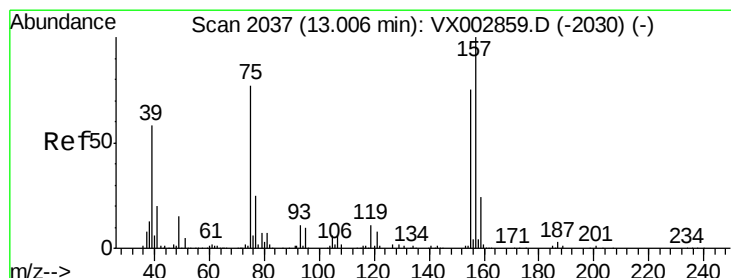
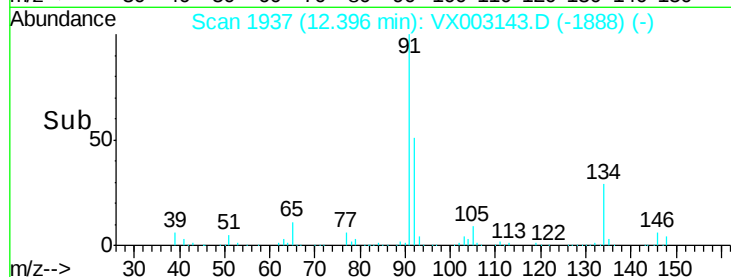
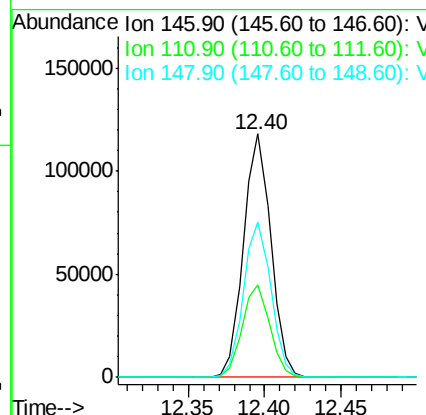
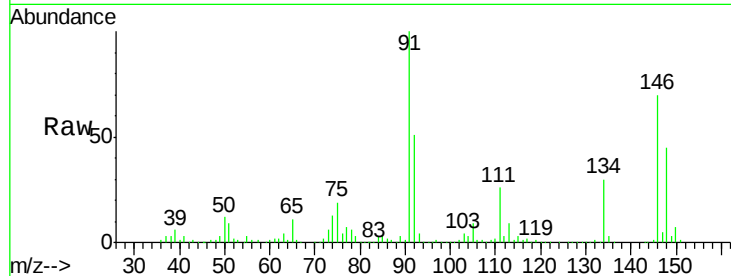




#91
 1,2-Dichlorobenzene
 Concen: 19.97 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

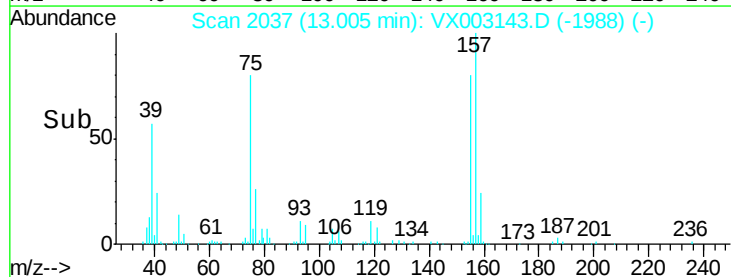
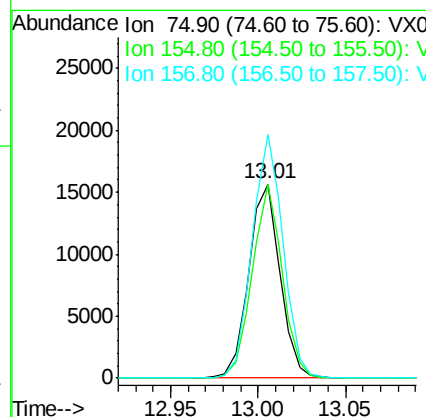
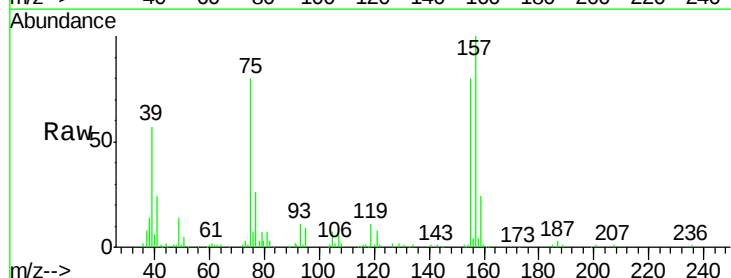
Instrument :
 MSVOA_X
 ClientSampleId :

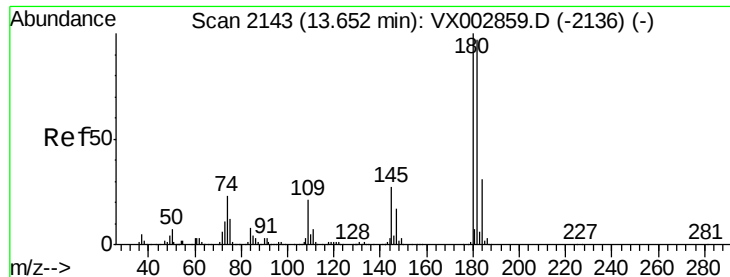
Tot Ion:146 Resp: 146907
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.03 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion: 75 Resp: 19439
 Ion Ratio Lower Upper
 75 100
 155 95.3 45.8 137.4
 157 124.0 60.1 180.3

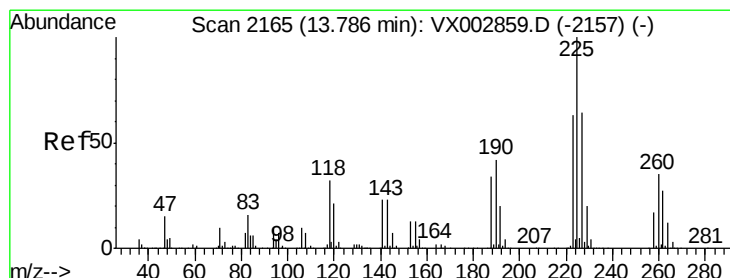
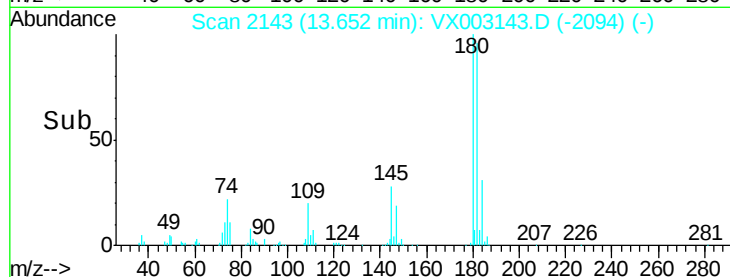
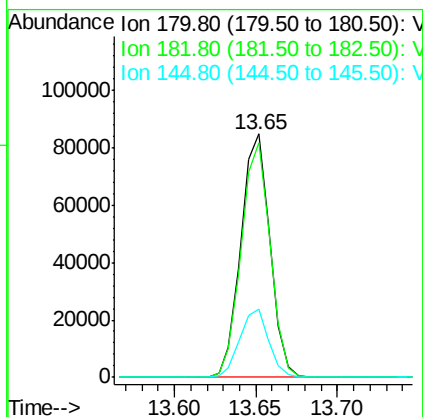
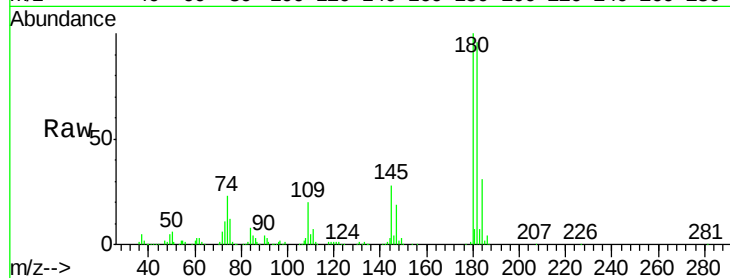




#93
 1,2,4-Trichlorobenzene
 Concen: 19.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

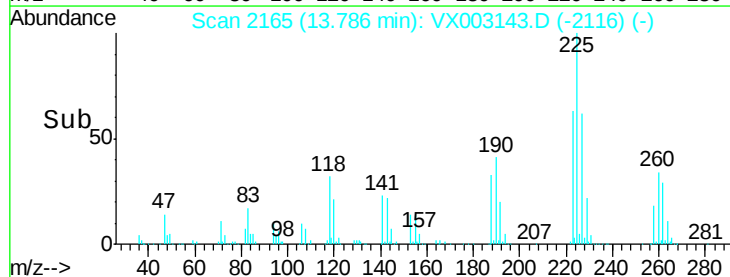
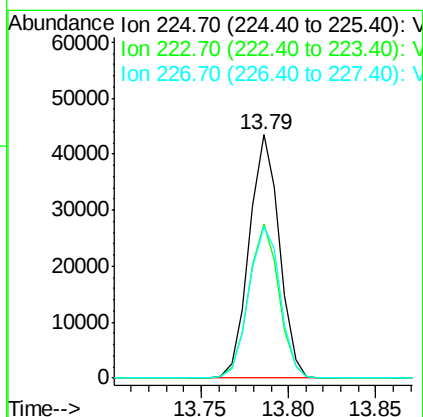
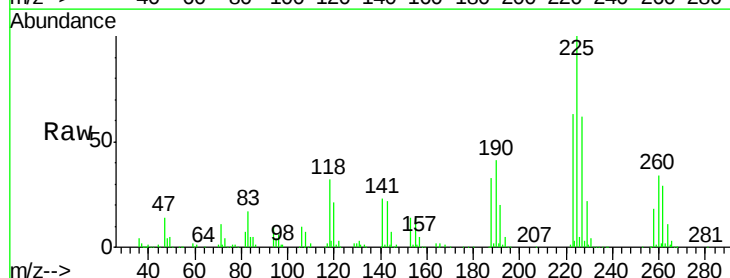
Instrument :
 MSVOA_X
 ClientSampleId :

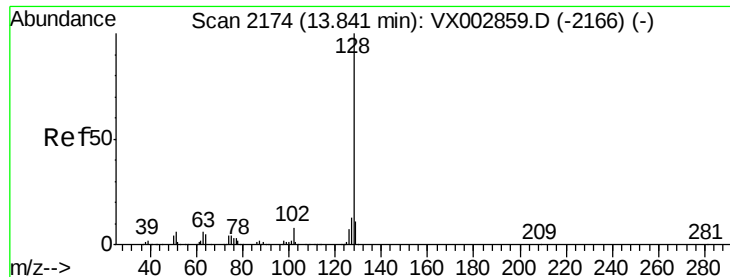
Tot Ion:180 Resp: 105838
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion:225 Resp: 51950
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.6 32.4 97.2

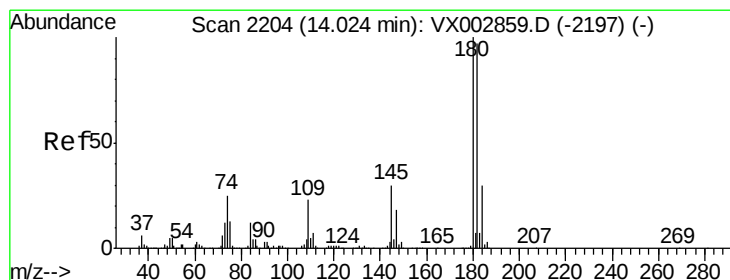
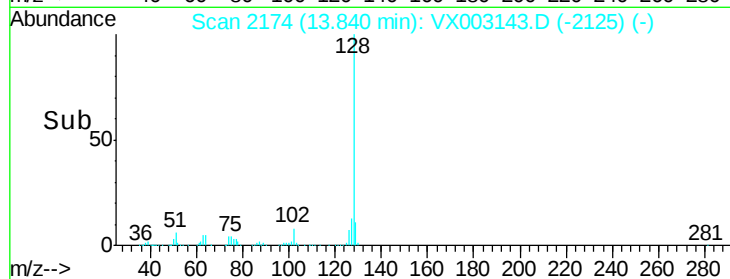
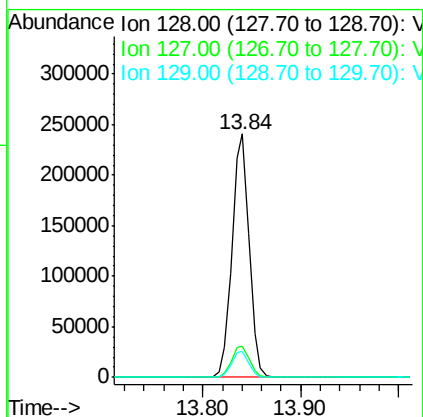
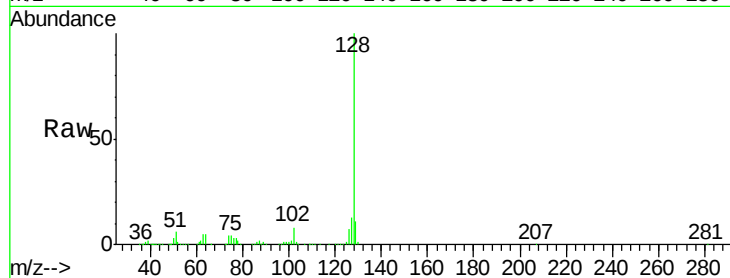




#95
Naphthalene
Concen: 20.44 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 291501
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.66 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:180 Resp: 110461
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 29.4 14.8 44.3

