

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003523.D
 Acq On : 20 Jul 2018 22:17
 Operator : JC/SP
 Sample : VX0720WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Quant Time: Jul 21 03:42:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	417818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186085	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	5.51	113	165014	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.72	98	632739	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	11.14	95	223730	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50130	21.27	ug/l	98
3) Chloromethane	1.32	50	65881	22.34	ug/l	97
4) Vinyl Chloride	1.40	62	74346	20.09	ug/l	100
5) Bromomethane	1.64	94	37365	24.10	ug/l	100
6) Chloroethane	1.72	64	47852	21.86	ug/l	99
7) Trichlorofluoromethane	1.93	101	104160	21.10	ug/l	93
8) Diethyl Ether	2.19	74	44533	21.00	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66092	20.46	ug/l	96
10) Methyl Iodide	2.51	142	81762	21.07	ug/l	94
11) Tert butyl alcohol	3.07	59	80942	118.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61648	20.72	ug/l	91
13) Acrolein	2.29	56	27836	90.30	ug/l	98
14) Allyl chloride	2.73	41	115836	22.00	ug/l	87
15) Acrylonitrile	3.15	53	193562	111.44	ug/l	99
16) Acetone	2.45	43	153691	118.01	ug/l #	88
17) Carbon Disulfide	2.57	76	164971	20.50	ug/l	99
18) Methyl Acetate	2.78	43	97801	23.82	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	211826	21.81	ug/l	99
20) Methylene Chloride	2.86	84	72457	22.27	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	68631	20.73	ug/l	86
22) Diisopropyl ether	3.87	45	214371	21.63	ug/l	97
23) Vinyl Acetate	3.82	43	852926	104.49	ug/l	97
24) 1,1-Dichloroethane	3.70	63	124615	21.43	ug/l	100
25) 2-Butanone	4.71	43	243906	111.62	ug/l	93
26) 2,2-Dichloropropane	4.59	77	73717	16.69	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	75841	20.58	ug/l	92
28) Bromochloromethane	5.03	49	55172	21.71	ug/l	89
29) Tetrahydrofuran	5.17	42	163739	113.44	ug/l	94
30) Chloroform	5.21	83	123172	21.70	ug/l	99
31) Cyclohexane	5.57	56	104990	20.21	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	103542	21.30	ug/l	98
36) 1,1-Dichloropropene	5.80	75	90040	19.96	ug/l	99
37) Ethyl Acetate	4.87	43	92019	21.56	ug/l #	94
38) Carbon Tetrachloride	5.79	117	90764	20.51	ug/l	98

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Quant Time: Jul 21 03:42:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	105020	19.66	ug/l	95
40) Benzene	6.15	78	282462	20.74	ug/l	99
41) Methacrylonitrile	5.07	41	52886	21.08	ug/l	93
42) 1,2-Dichloroethane	6.20	62	91994	21.44	ug/l	95
43) Isopropyl Acetate	6.47	43	144450	21.27	ug/l	94
44) Trichloroethene	7.21	130	83086	20.46	ug/l	100
45) 1,2-Dichloropropane	7.52	63	73073	21.13	ug/l	99
46) Dibromomethane	7.67	93	47655	21.40	ug/l	97
47) Bromodichloromethane	7.90	83	85894	21.07	ug/l	96
48) Methyl methacrylate	7.78	41	73052	21.33	ug/l	85
49) 1,4-Dioxane	7.76	88	33094	426.53	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	491308	114.53	ug/l	93
52) Toluene	8.79	92	177938	20.76	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	102377	20.41	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	91172	20.21	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	71718	21.02	ug/l	96
56) Ethyl methacrylate	9.18	69	100187	20.85	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	117037	21.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240209	102.81	ug/l	98
59) 2-Hexanone	9.50	43	362912	114.18	ug/l	91
60) Dibromochloromethane	9.59	129	69609	20.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73197	20.70	ug/l	99
64) Tetrachloroethene	9.34	164	97197	20.60	ug/l	97
65) Chlorobenzene	10.14	112	199543	20.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70410	20.51	ug/l	99
67) Ethyl Benzene	10.26	91	326591	20.36	ug/l	99
68) m/p-Xylenes	10.36	106	257196	40.90	ug/l	96
69) o-Xylene	10.70	106	122582	20.16	ug/l	98
70) Styrene	10.71	104	205102	20.51	ug/l	97
71) Bromoform	10.86	173	52111	19.54	ug/l	99
73) Isopropylbenzene	11.02	105	329485	20.54	ug/l	99
74) N-amyl acetate	6.47	43	144450	21.20	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	100034	21.28	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	112558	27.01	ug/l	81
77) Bromobenzene	11.26	156	91326	19.79	ug/l	99
78) n-propylbenzene	11.36	91	371688	20.84	ug/l	99
79) 2-Chlorotoluene	11.42	91	222414	20.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274383	20.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24119	18.03	ug/l	96
82) 4-Chlorotoluene	11.51	91	262317	20.68	ug/l	98
83) tert-Butylbenzene	11.77	119	259139	20.07	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	281688	21.00	ug/l	98
85) sec-Butylbenzene	11.95	105	321767	20.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	288242	20.48	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	164710	19.42	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	168270	19.26	ug/l	100
89) n-Butylbenzene	12.39	91	234392	19.61	ug/l	100
90) Hexachloroethane	12.60	117	37998	18.99	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	166802	19.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19043	20.81	ug/l	93

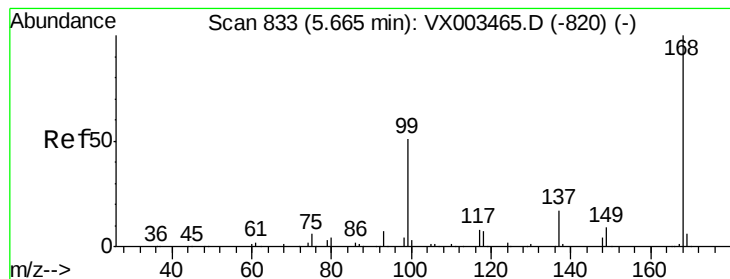
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
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Quant Time: Jul 21 03:42:58 2018
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111384	18.18	ug/l	98
94) Hexachlorobutadiene	13.79	225	53179	18.05	ug/l	99
95) Naphthalene	13.83	128	327735	20.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116503	19.21	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

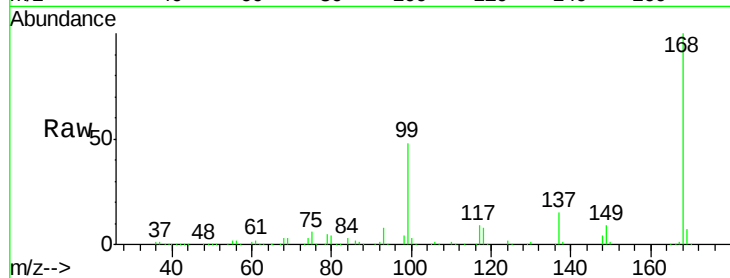
VX0720WBSD03

Tot Ion:168 Resp: 291265

Ion Ratio Lower Upper

168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

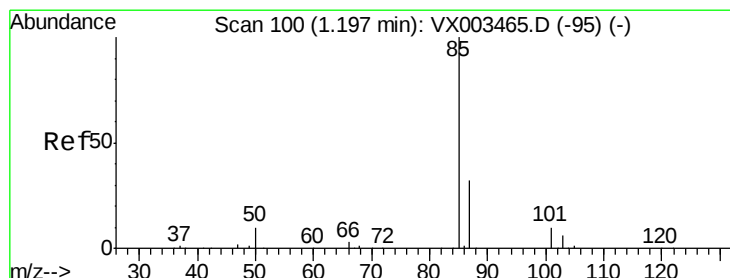
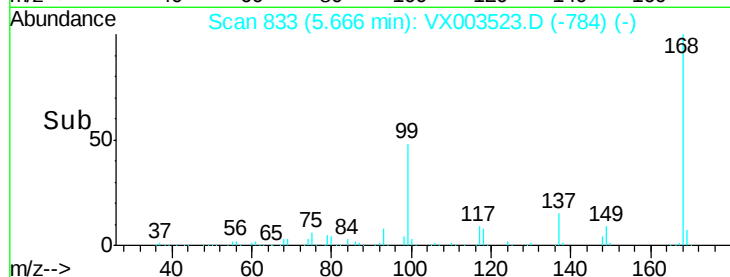
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.27 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003523.D

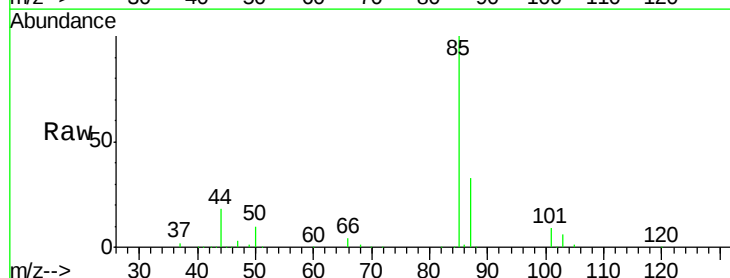
Acq: 20 Jul 2018 22:17

Tgt Ion: 85 Resp: 50130

Ion Ratio Lower Upper

85 100

87 32.8 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

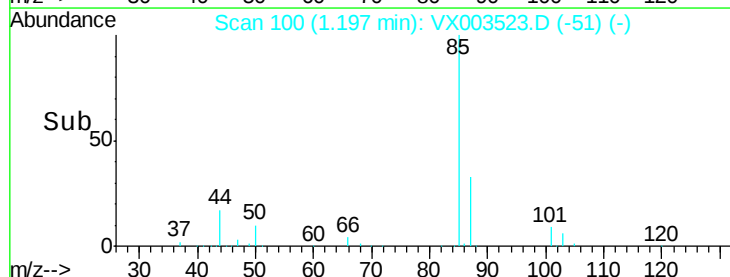
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 22.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

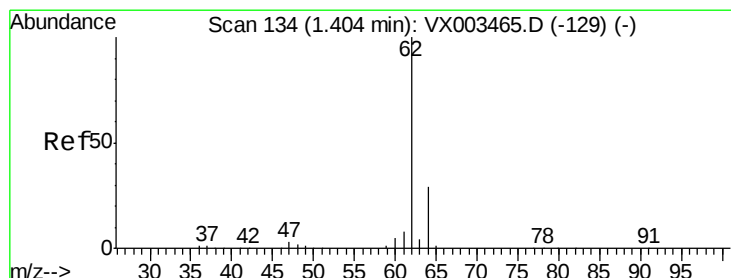
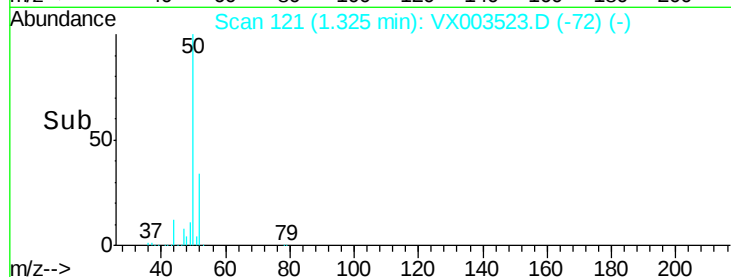
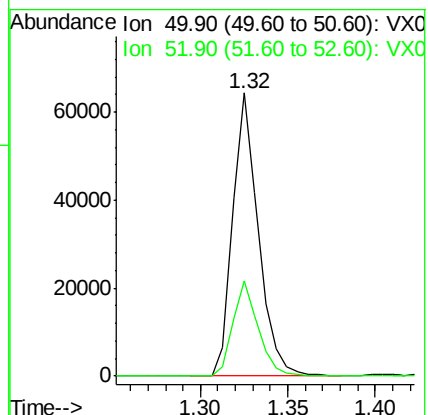
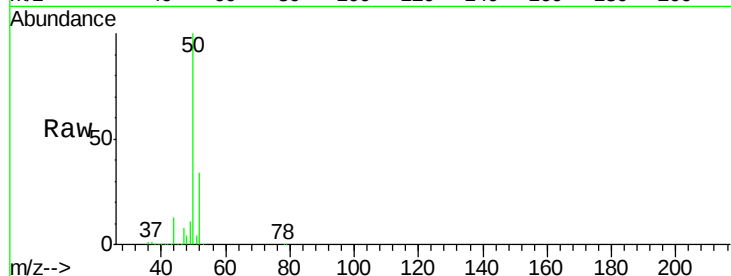
VX0720WBSD03

Tot Ion: 50 Resp: 65881

Ion Ratio Lower Upper

50 100

52 33.8 25.7 38.5



#4

Vinyl Chloride

Concen: 20.09 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003523.D

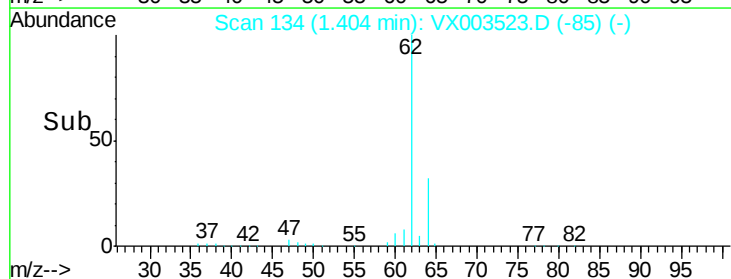
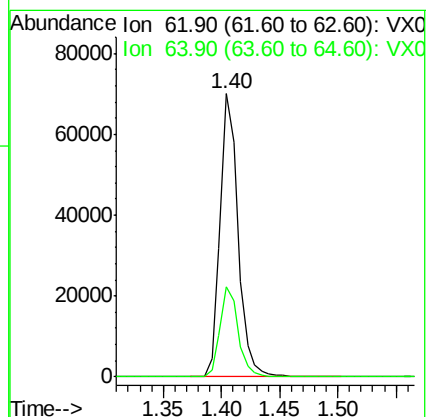
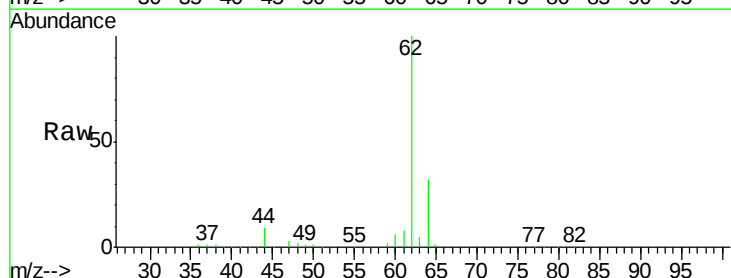
Acq: 20 Jul 2018 22:17

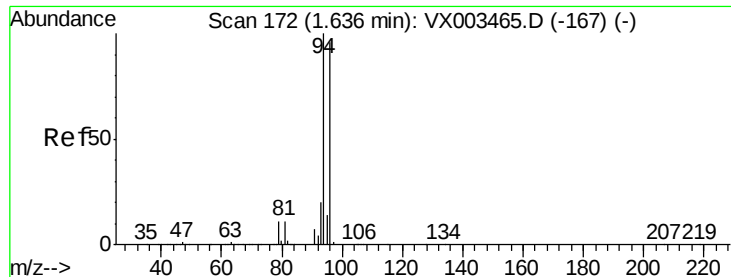
Tgt Ion: 62 Resp: 74346

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 24.10 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

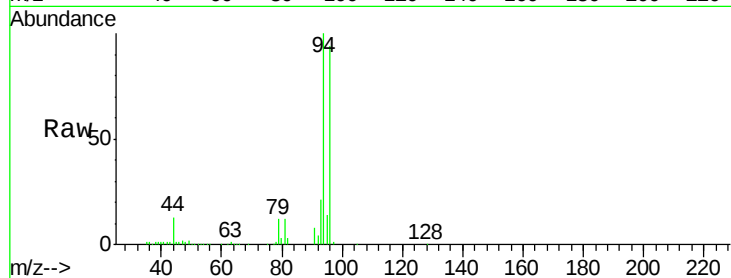
VX0720WBSD03

Tot Ion: 94 Resp: 37365

Ion Ratio Lower Upper

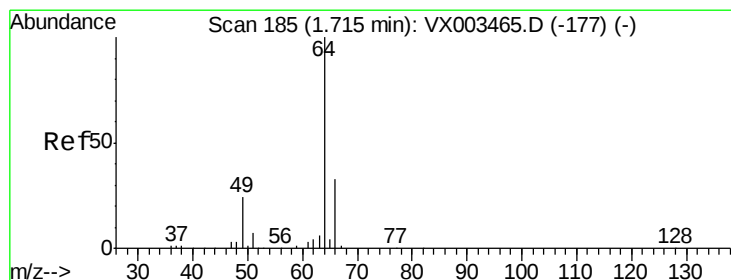
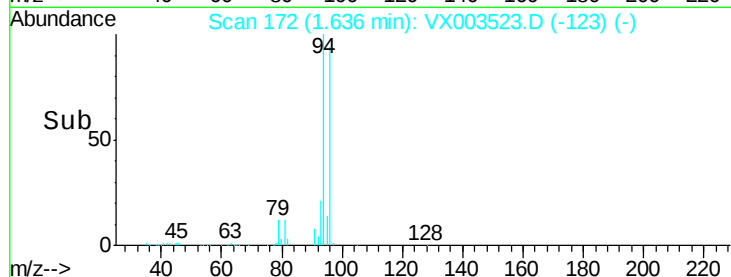
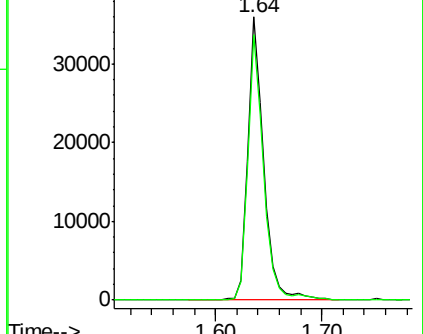
94 100

96 93.8 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: 21.86 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003523.D

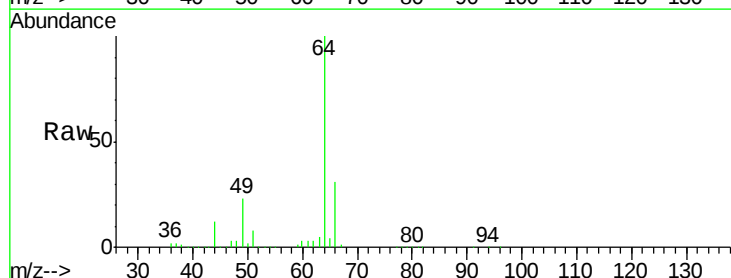
Acq: 20 Jul 2018 22:17

Tgt Ion: 64 Resp: 47852

Ion Ratio Lower Upper

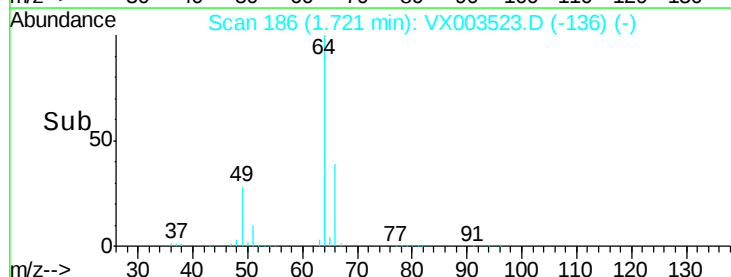
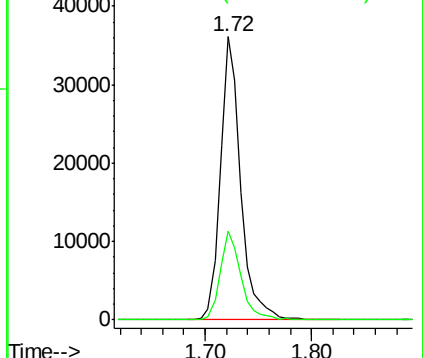
64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



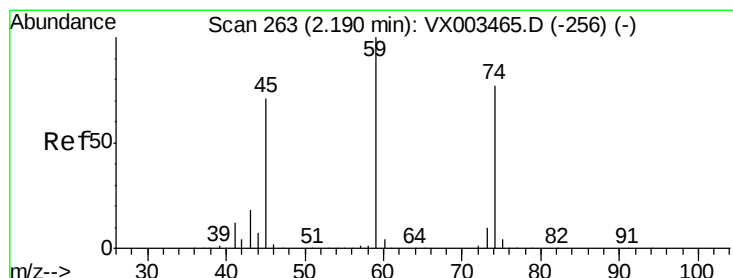
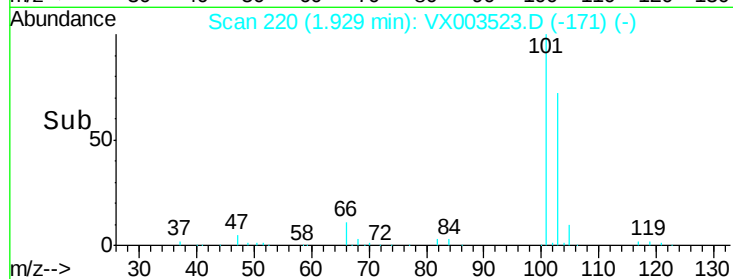
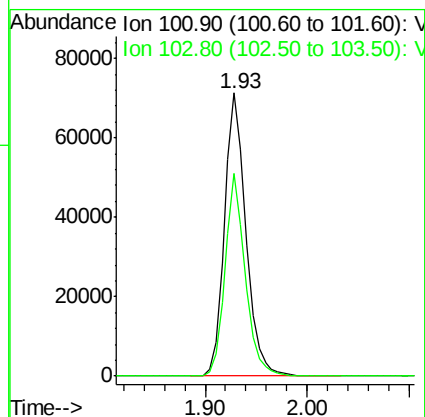
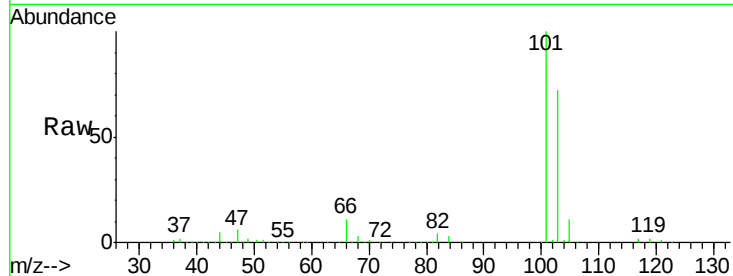


#7

Trichlorofluoromethane
 Concen: 21.10 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

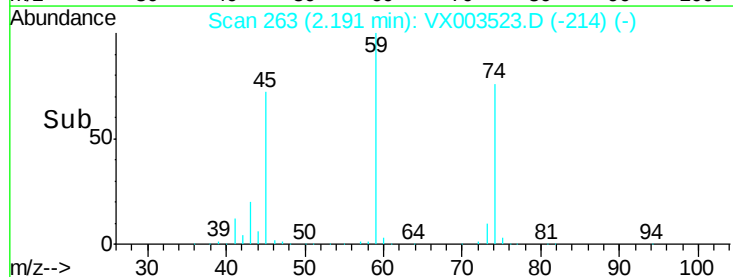
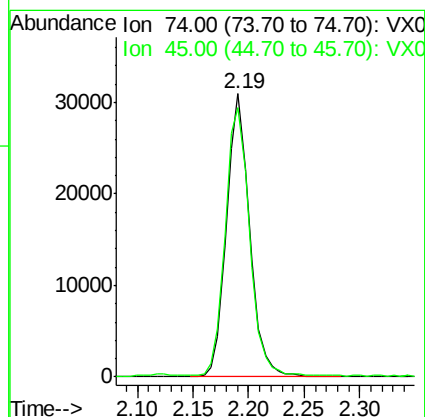
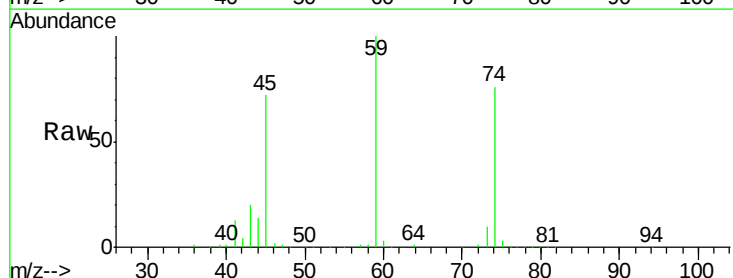
Tot Ion:101 Resp: 104160
 Ion Ratio Lower Upper
 101 100
 103 71.7 52.8 79.2

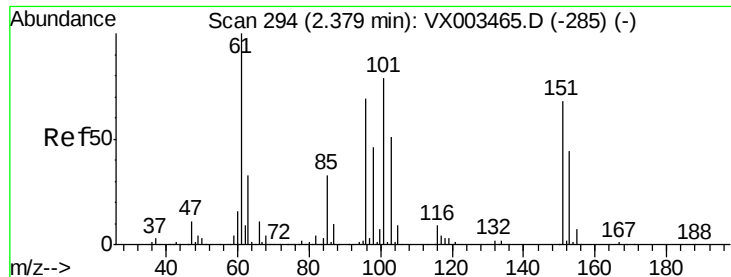


#8

Diethyl Ether
 Concen: 21.00 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 74 Resp: 44533
 Ion Ratio Lower Upper
 74 100
 45 100.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.46 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

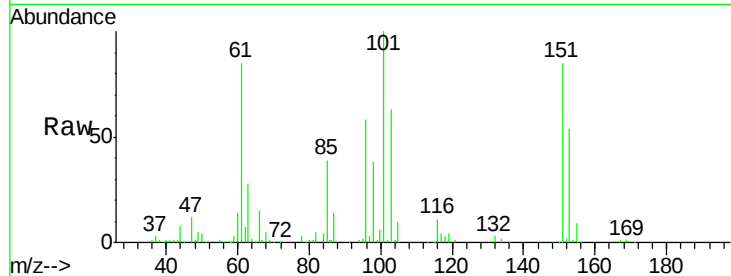
Tot Ion:101 Resp: 66092

Ion Ratio Lower Upper

101 100

85 41.7 36.0 54.0

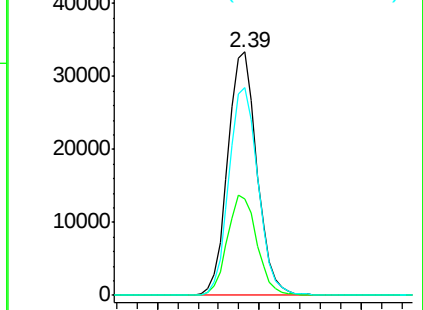
151 85.5 70.9 106.3



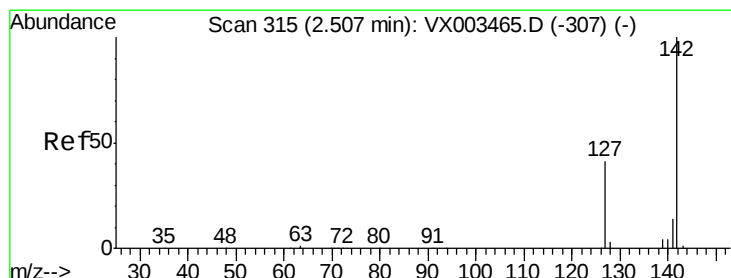
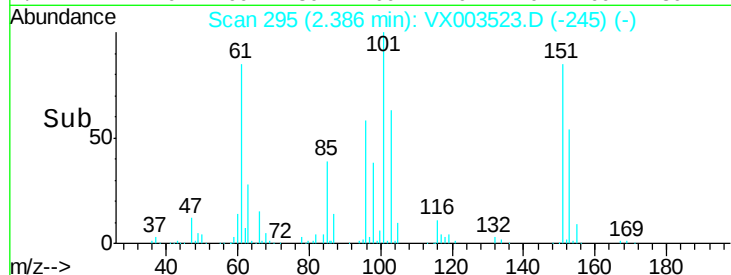
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 21.07 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

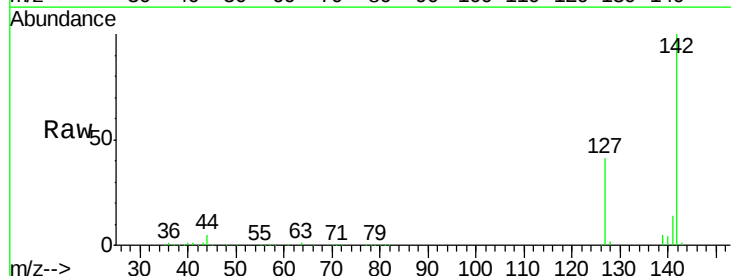
Tgt Ion:142 Resp: 81762

Ion Ratio Lower Upper

142 100

127 40.3 36.6 55.0

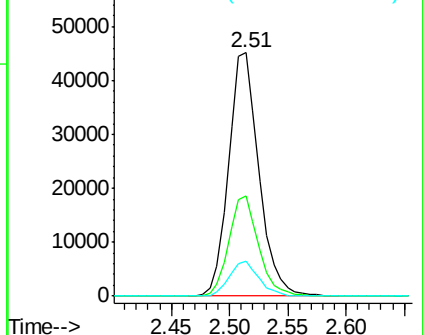
141 13.9 11.3 16.9



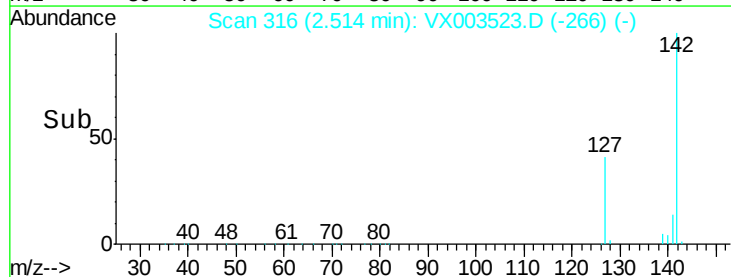
Abundance Ion 141.80 (141.50 to 142.50): V

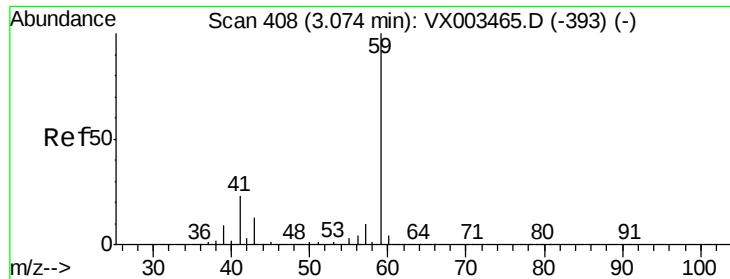
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->

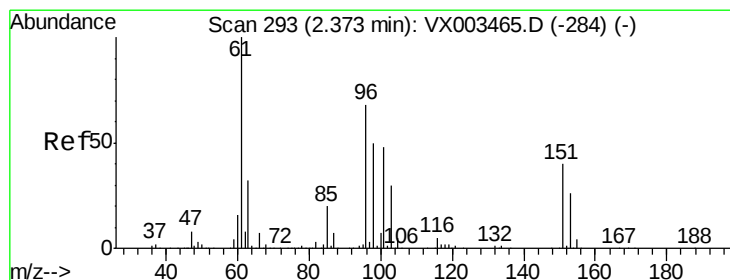
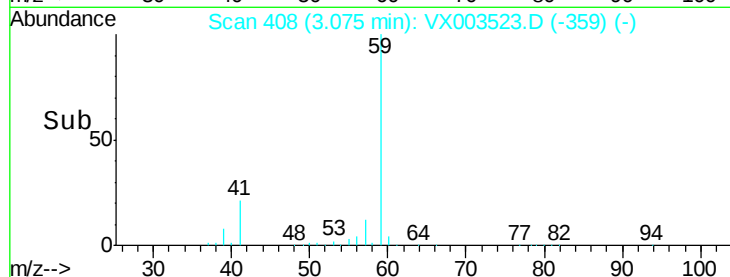
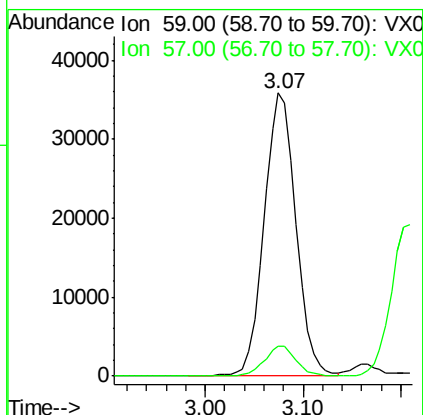
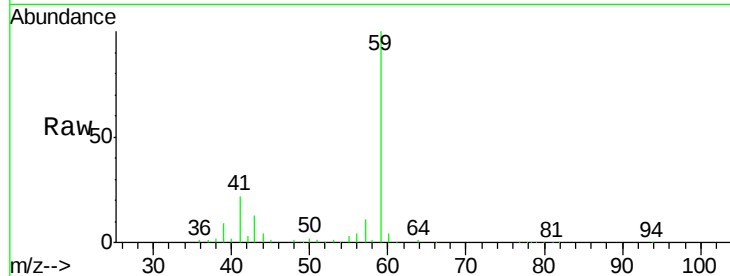




#11
 Tert butyl alcohol
 Concen: 118.64 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

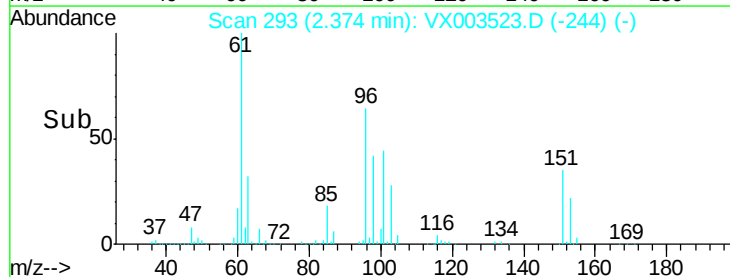
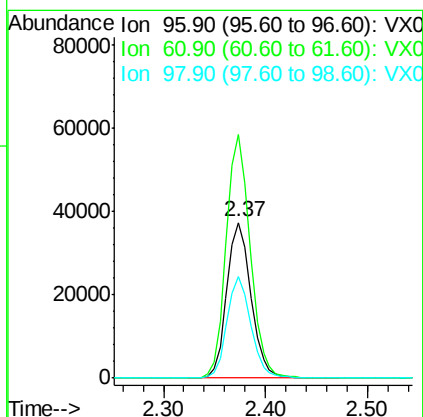
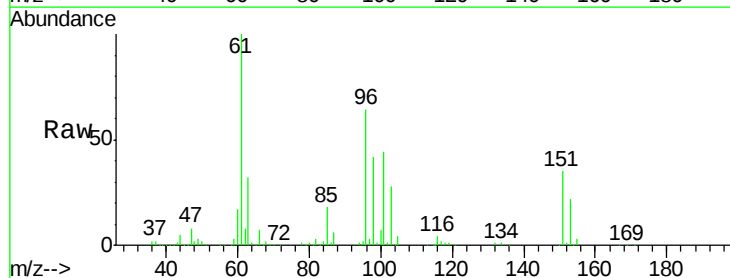
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

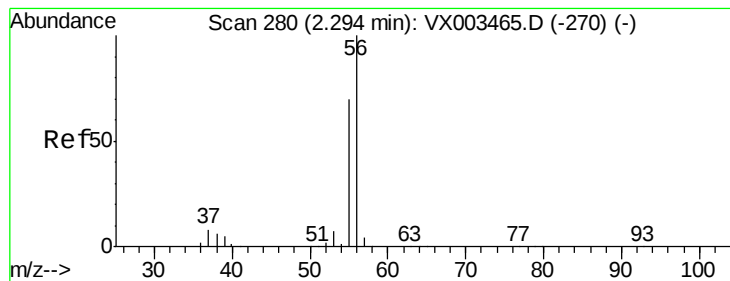
Tot Ion: 59 Resp: 80942
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2



#12
 1,1-Dichloroethene
 Concen: 20.72 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 96 Resp: 61648
 Ion Ratio Lower Upper
 96 100
 61 156.3 137.9 206.9
 98 65.6 51.6 77.4





#13

Acrolein

Concen: 90.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

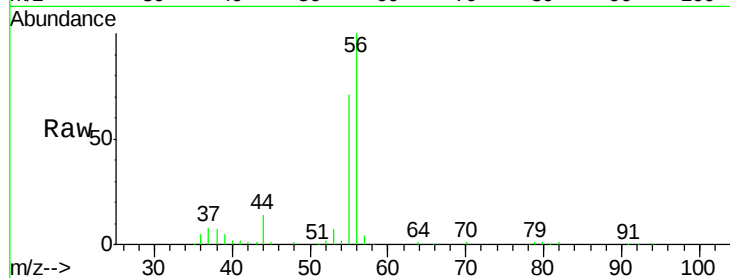
VX0720WBSD03

Tot Ion: 56 Resp: 27836

Ion Ratio Lower Upper

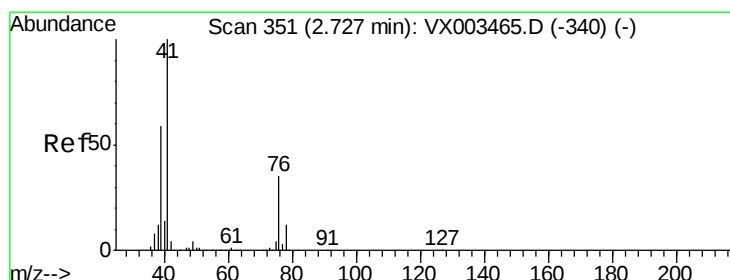
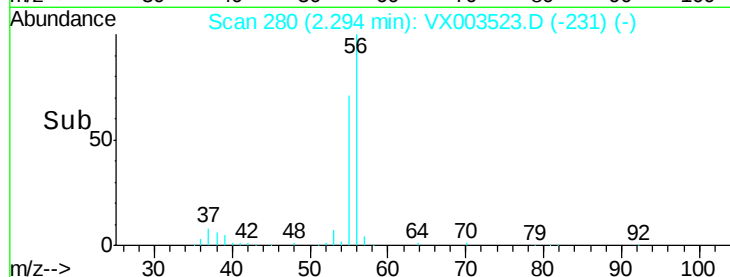
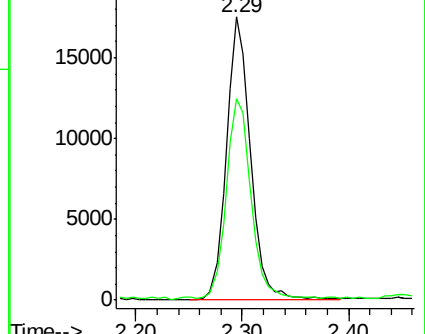
56 100

55 73.3 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: 22.00 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

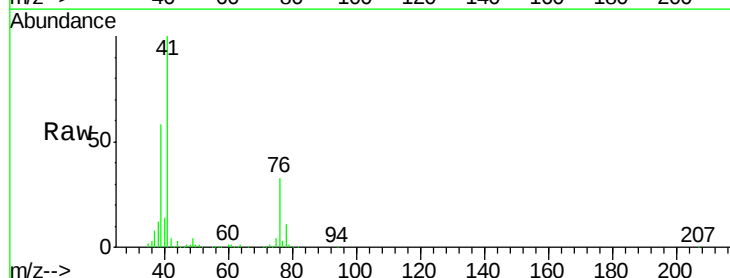
Tgt Ion: 41 Resp: 115836

Ion Ratio Lower Upper

41 100

39 57.5 56.8 85.2

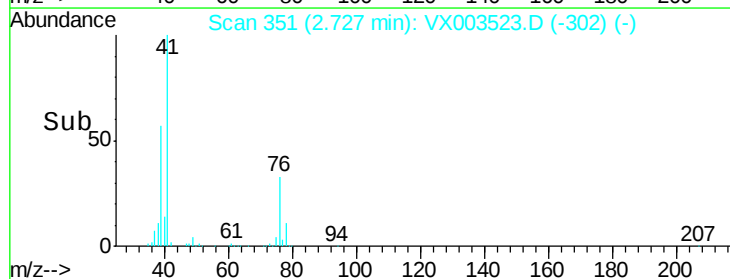
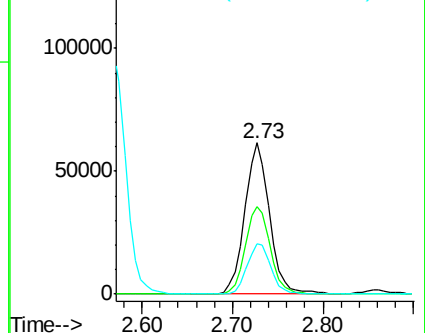
76 31.9 23.8 35.8

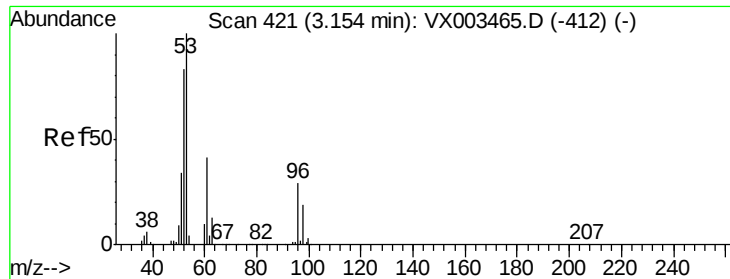


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 111.44 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

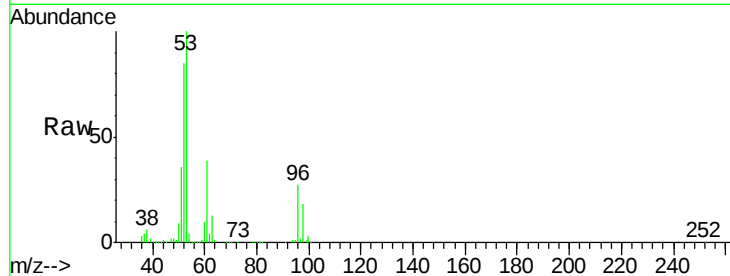
Tot Ion: 53 Resp: 193562

Ion Ratio Lower Upper

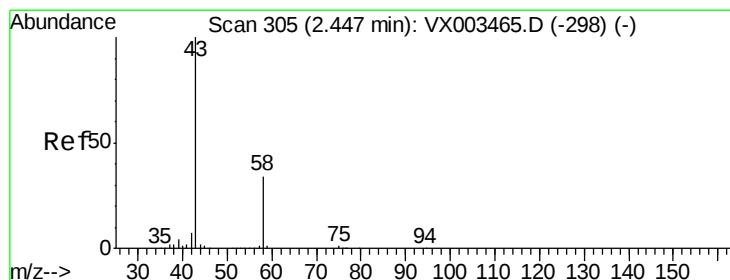
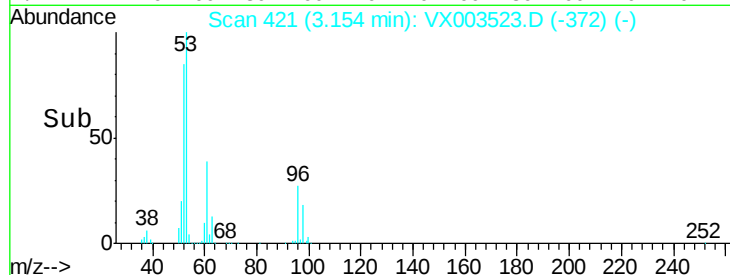
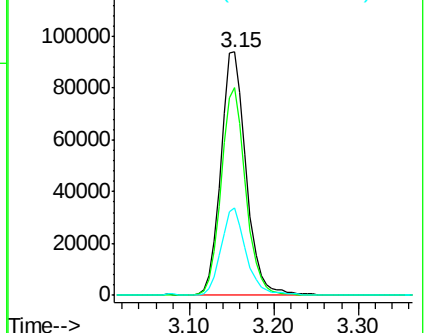
53 100

52 82.9 66.7 100.1

51 35.3 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: 118.01 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003523.D

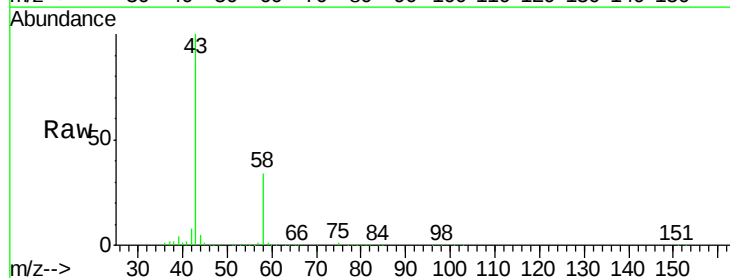
Acq: 20 Jul 2018 22:17

Tgt Ion: 43 Resp: 153691

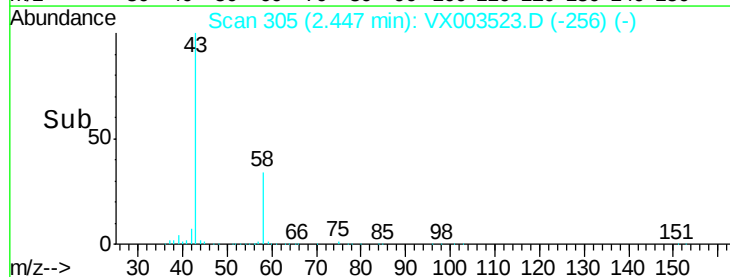
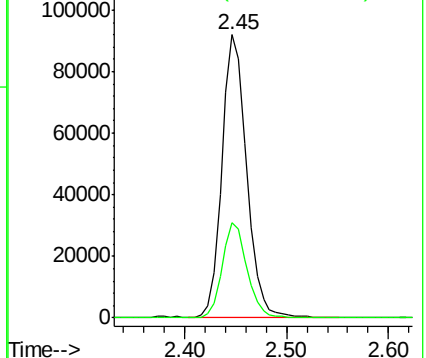
Ion Ratio Lower Upper

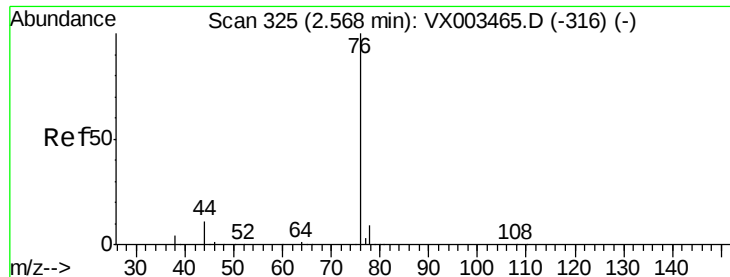
43 100

58 33.7 22.1 33.1#



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

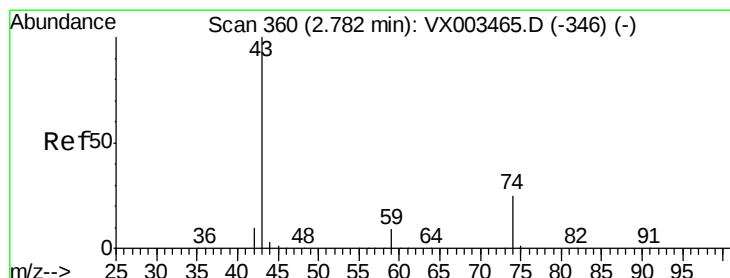
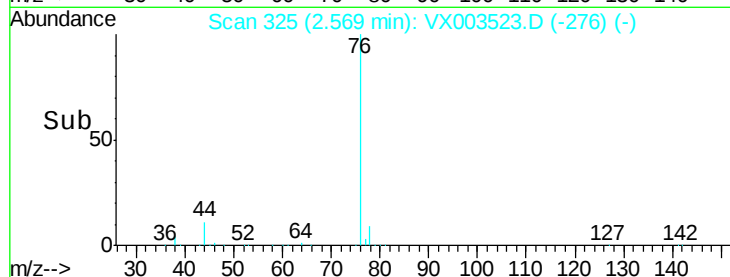
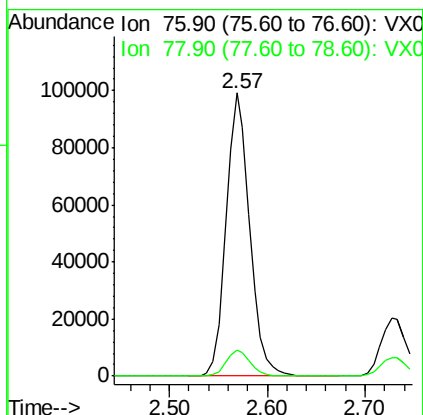
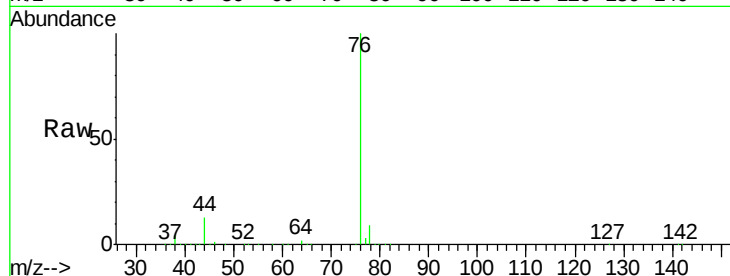




#17
Carbon Disulfide
Concen: 20.50 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

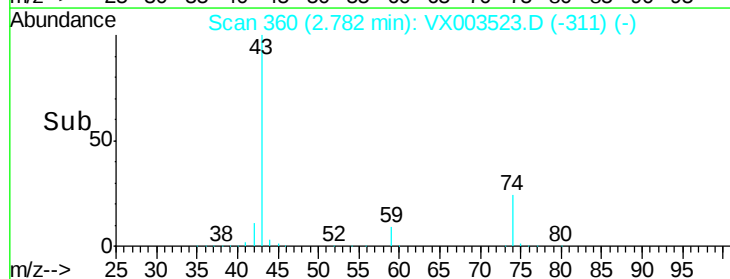
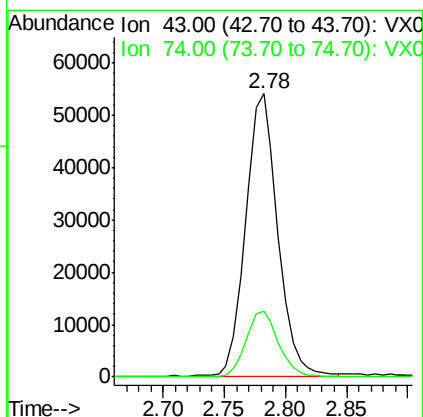
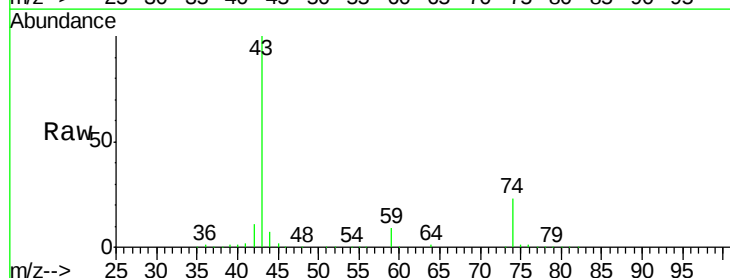
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

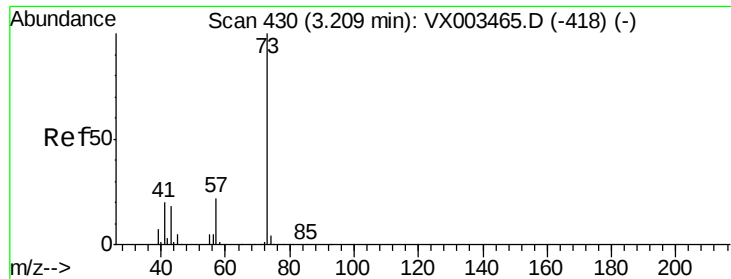
Tot Ion: 76 Resp: 164971
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 23.82 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 43 Resp: 97801
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1

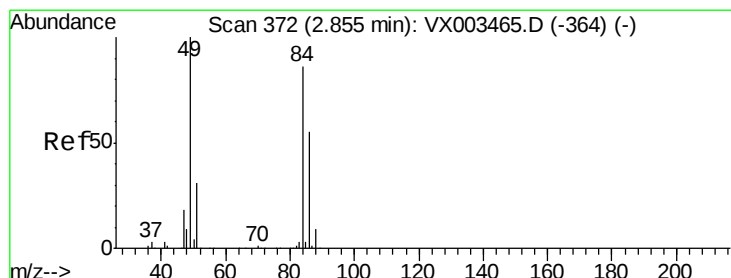
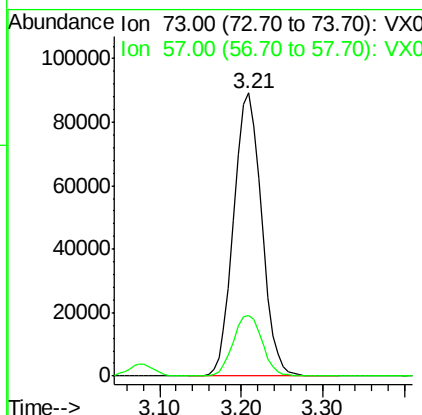
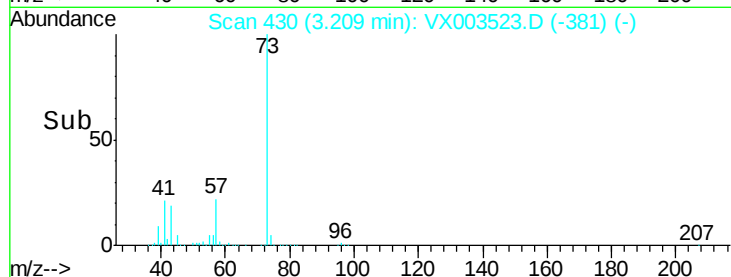
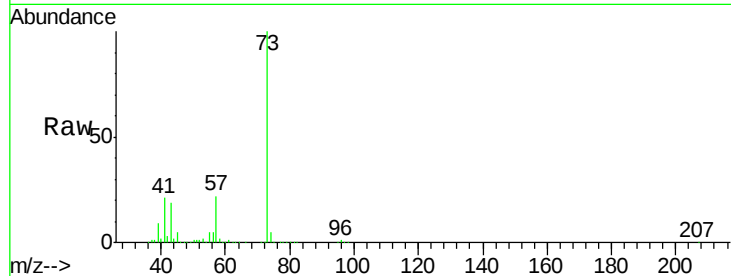




#19
Methvl tert-butvl Ether
Concen: 21.81 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

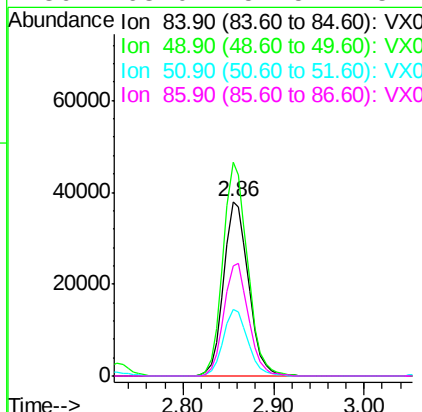
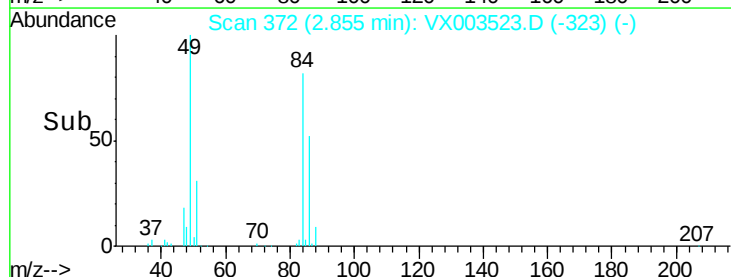
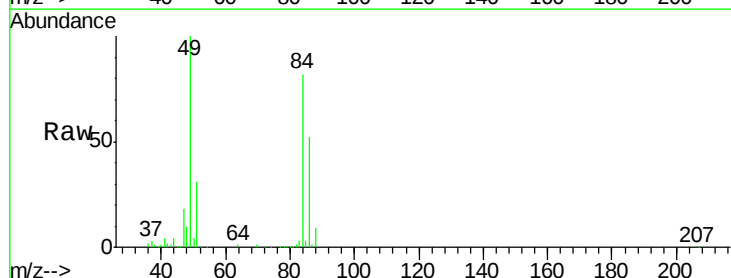
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tot Ion: 73 Resp: 211826
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 22.27 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 84 Resp: 72457
Ion Ratio Lower Upper
84 100
49 122.3 107.8 161.6
51 38.3 32.8 49.2
86 63.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.73 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

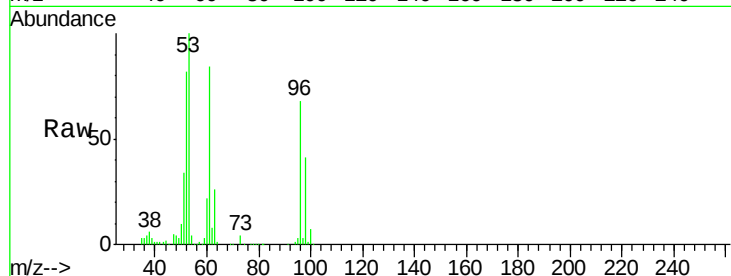
Tot Ion: 96 Resp: 68631

Ion Ratio Lower Upper

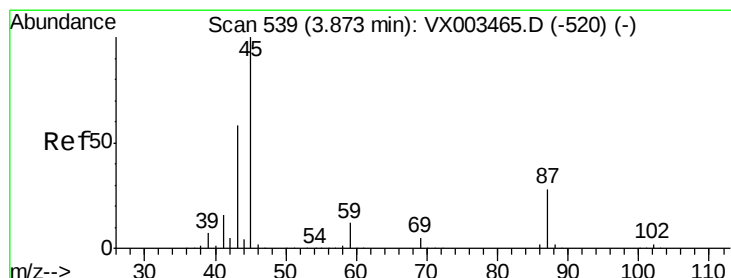
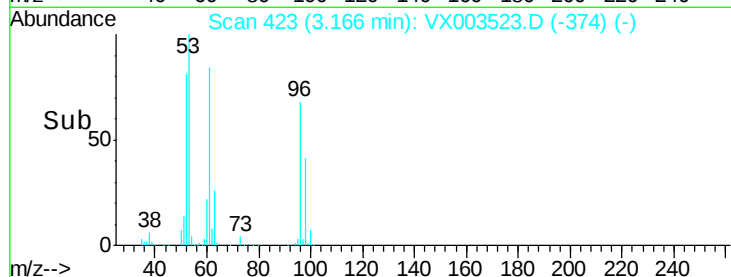
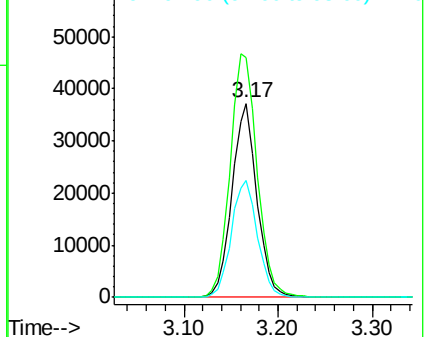
96 100

61 123.5 117.0 175.4

98 60.6 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: 21.63 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion: 45 Resp: 214371

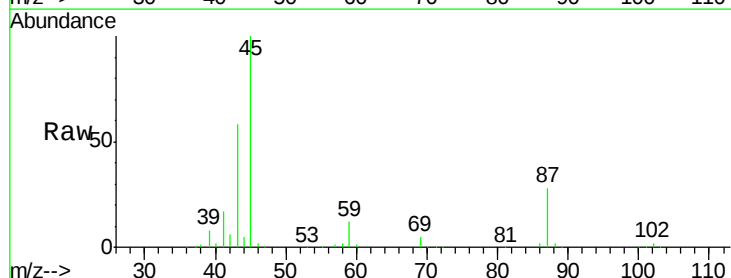
Ion Ratio Lower Upper

45 100

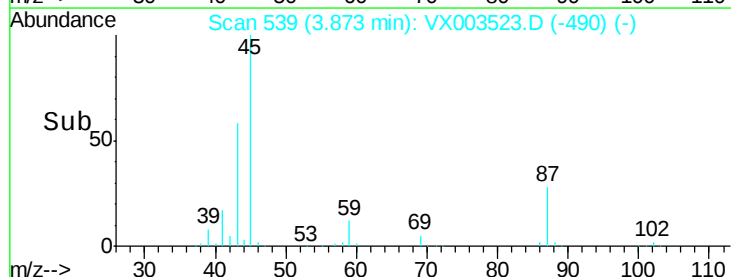
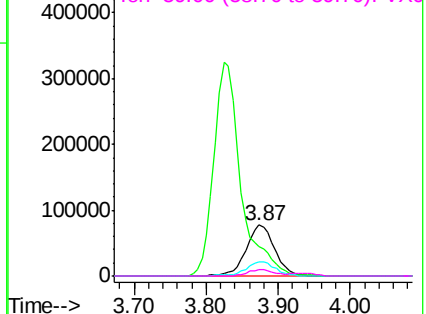
43 57.6 46.8 70.2

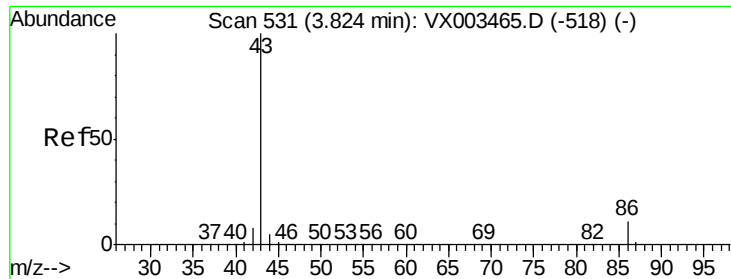
87 28.5 20.2 30.4

59 12.2 8.7 13.1



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





#23

Vinyl Acetate

Concen: 104.49 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

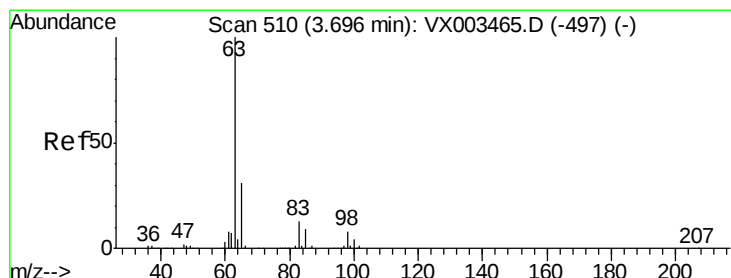
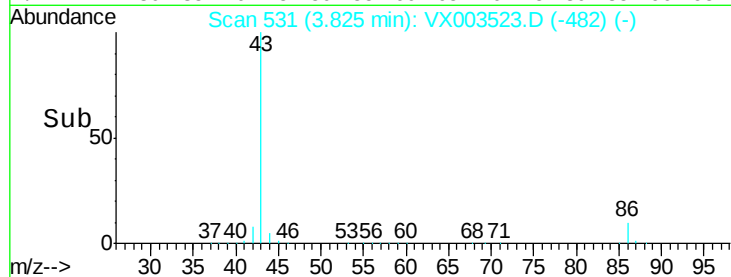
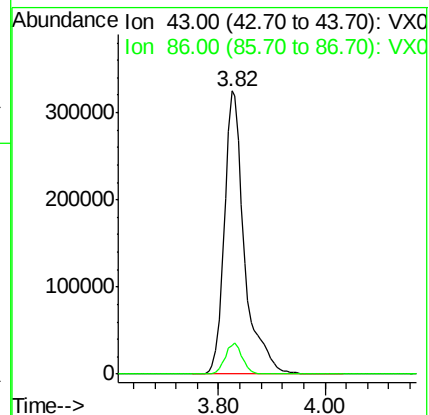
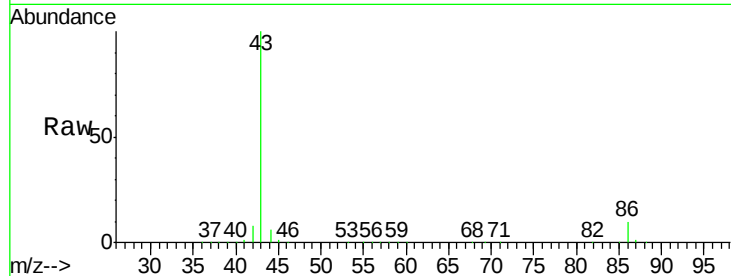
VX0720WBSD03

Tot Ion: 43 Resp: 852926

Ion Ratio Lower Upper

43 100

86 10.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 21.43 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

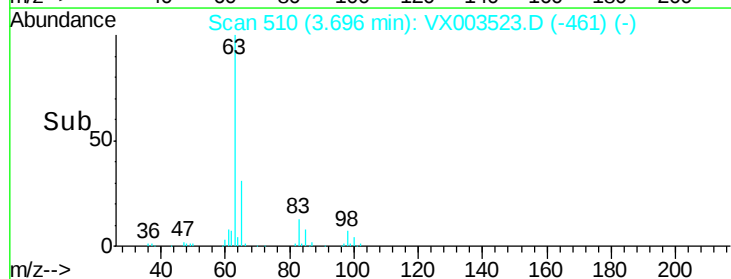
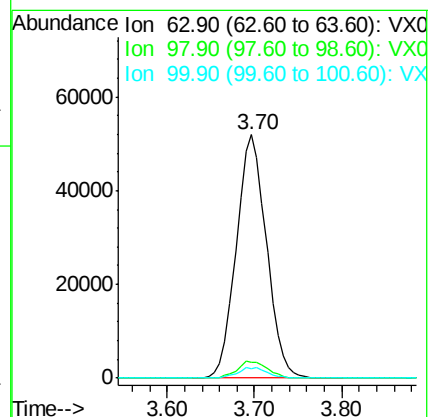
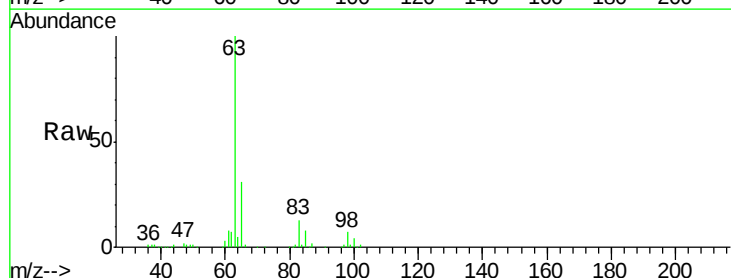
Tgt Ion: 63 Resp: 124615

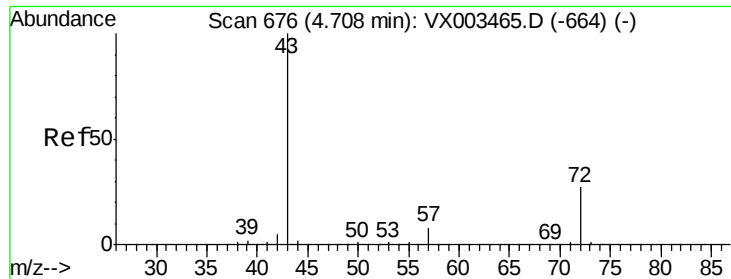
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 111.62 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

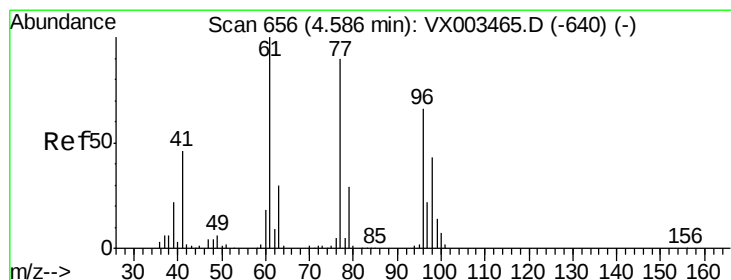
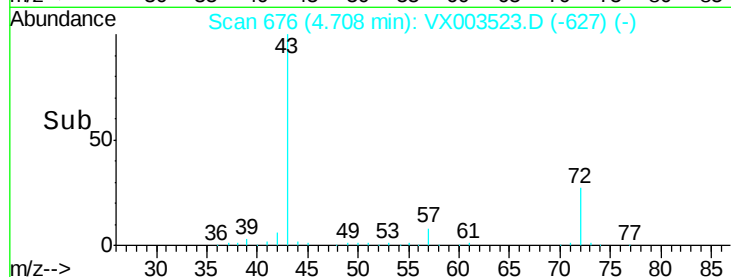
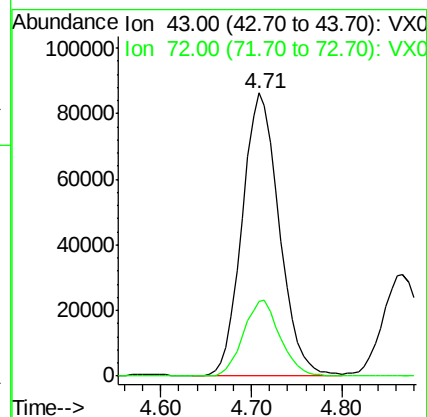
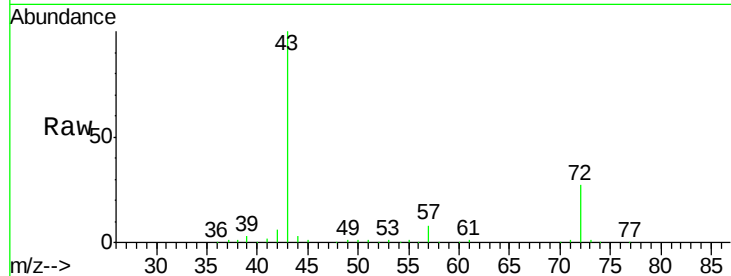
VX0720WBSD03

Tot Ion: 43 Resp: 243906

Ion Ratio Lower Upper

43 100

72 26.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 16.69 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003523.D

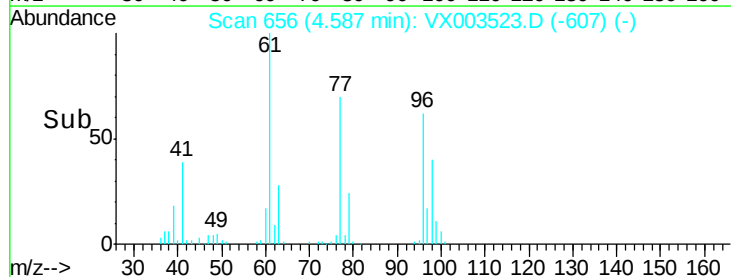
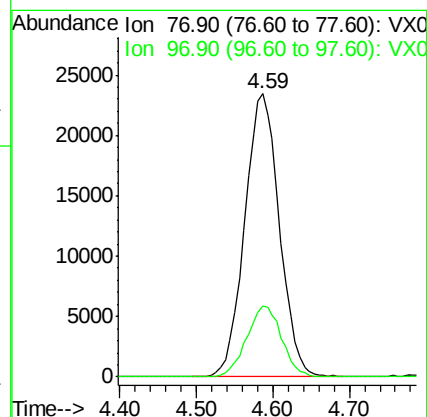
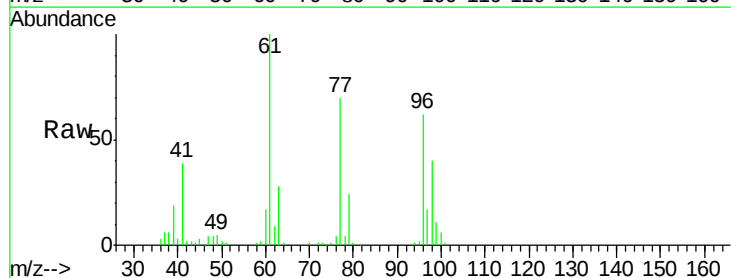
Acq: 20 Jul 2018 22:17

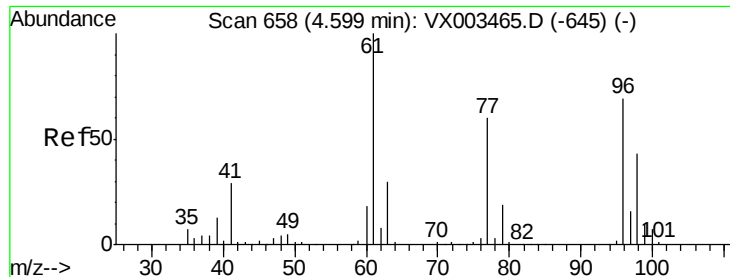
Tgt Ion: 77 Resp: 73717

Ion Ratio Lower Upper

77 100

97 25.2 11.2 33.5



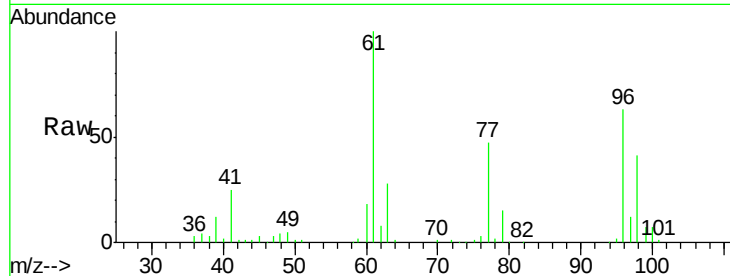


#27

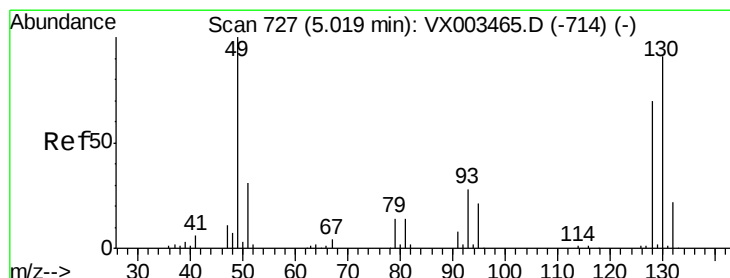
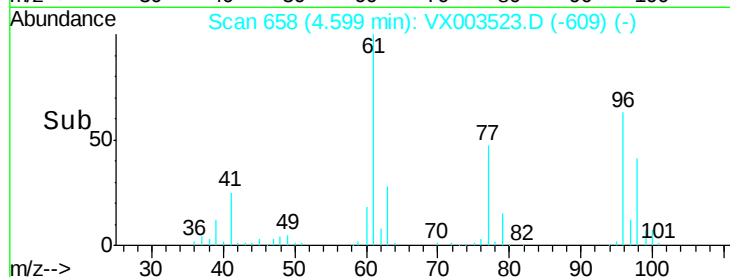
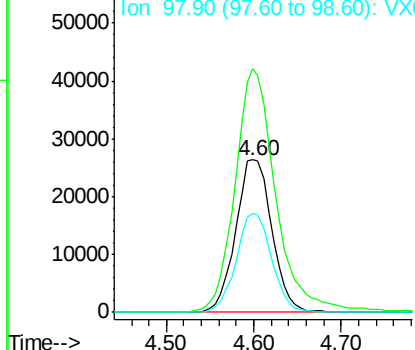
cis-1,2-Dichloroethene
Concen: 20.58 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tot Ion: 96 Resp: 75841
Ion Ratio Lower Upper
96 100
61 179.0 0.0 330.2
98 63.3 0.0 130.2



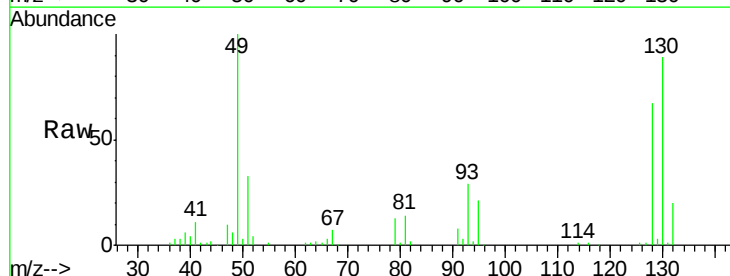
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



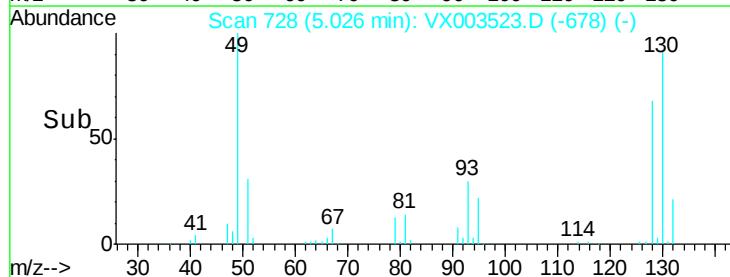
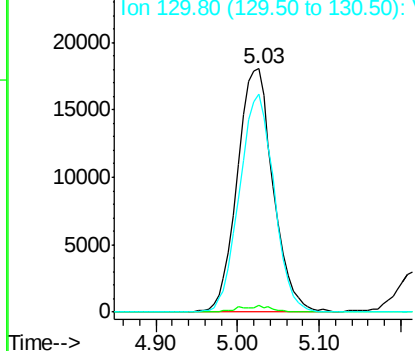
#28

Bromochloromethane
Concen: 21.71 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 49 Resp: 55172
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 86.5 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

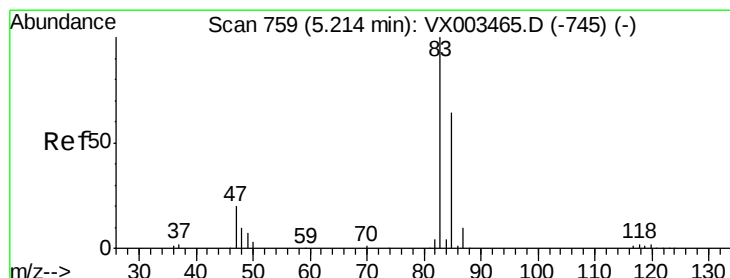
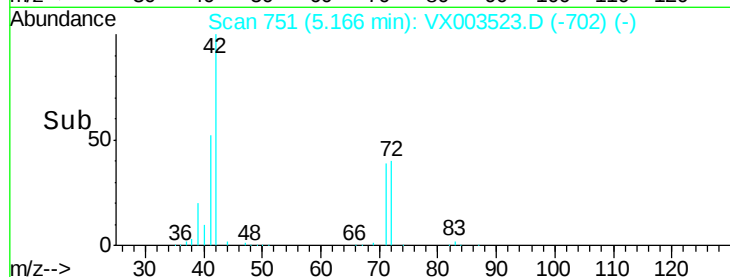
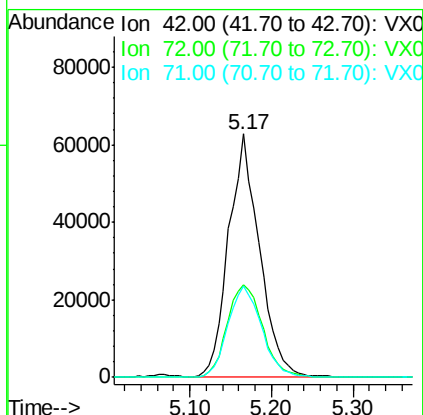
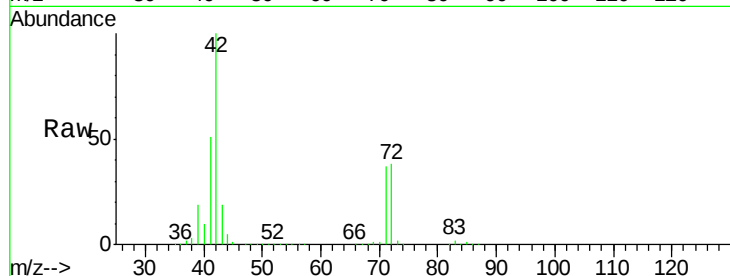




#29
Tetrahydrofuran
Concen: 113.44 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

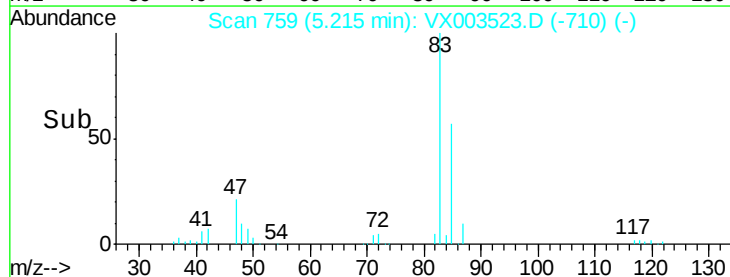
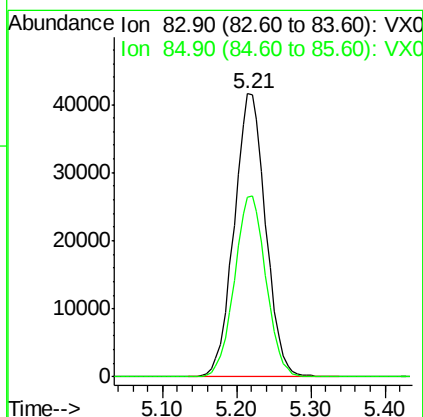
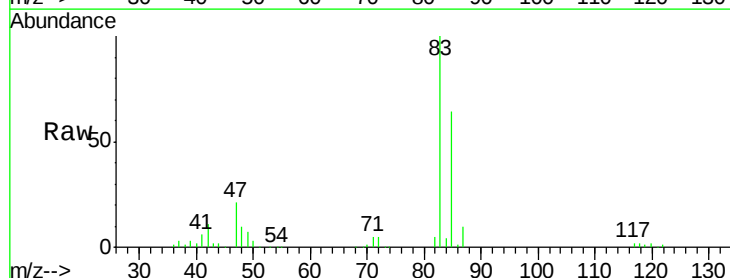
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

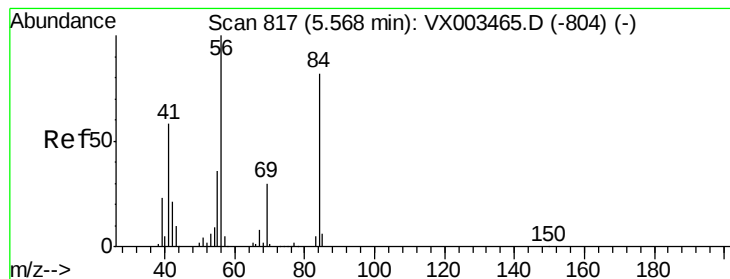
Tot Ion: 42 Resp: 163739
Ion Ratio Lower Upper
42 100
72 43.8 32.0 48.0
71 41.2 30.1 45.1



#30
Chloroform
Concen: 21.70 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 83 Resp: 123172
Ion Ratio Lower Upper
83 100
85 63.7 50.4 75.6





#31

Cyclohexane

Concen: 20.21 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

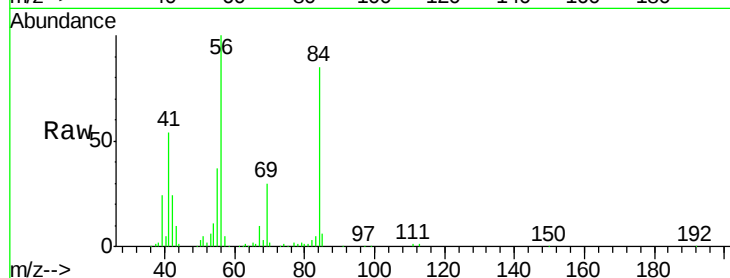
Tot Ion: 56 Resp: 104990

Ion Ratio Lower Upper

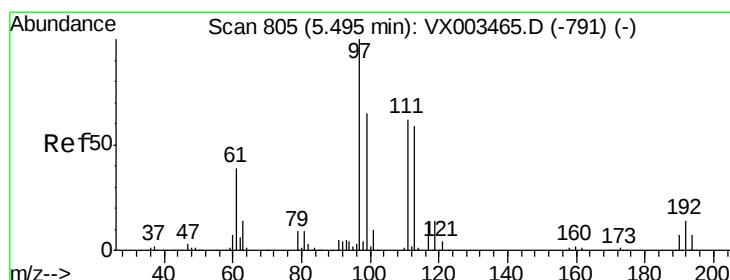
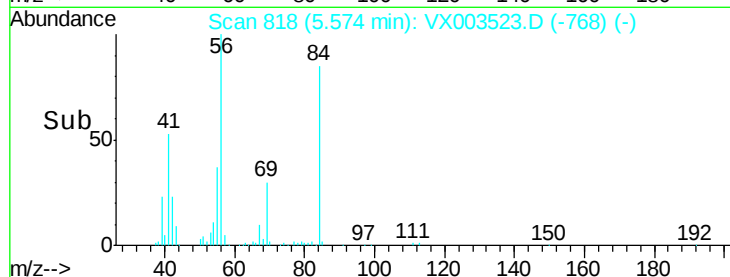
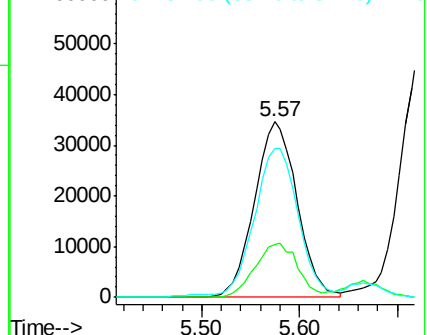
56 100

69 30.5 23.7 35.5

84 83.7 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: 21.30 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

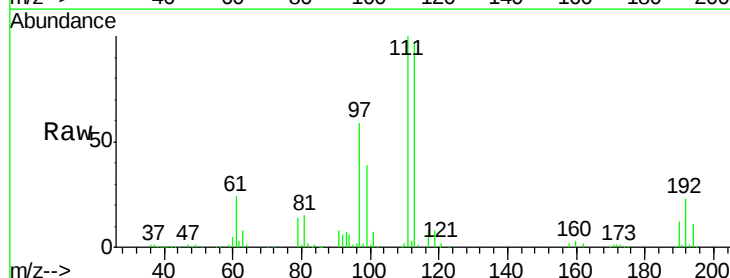
Tgt Ion: 97 Resp: 103542

Ion Ratio Lower Upper

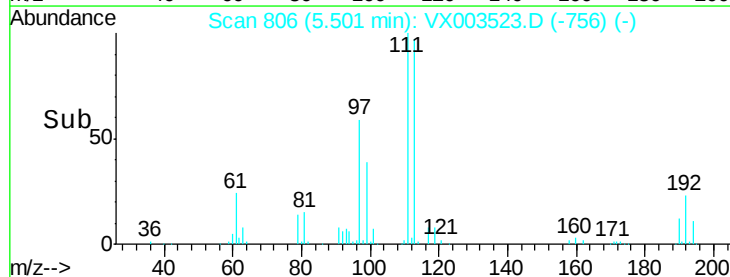
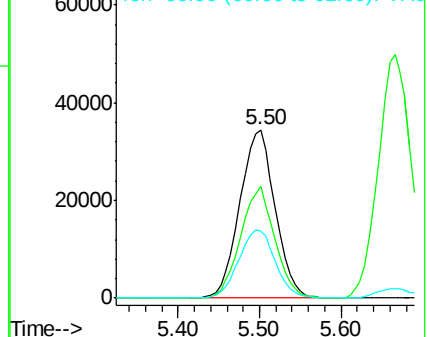
97 100

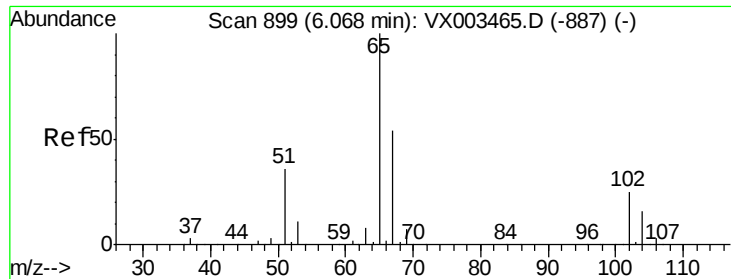
99 64.3 51.6 77.4

61 42.0 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: 53.97 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

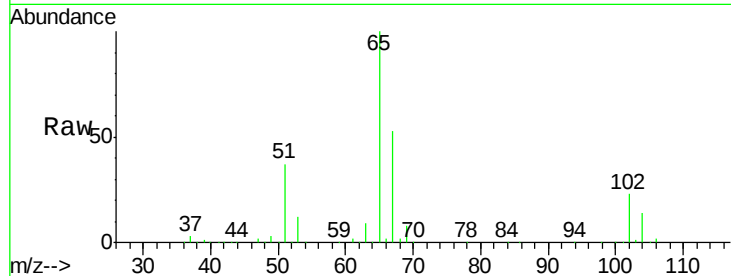
VX0720WBSD03

Tot Ion: 65 Resp: 186085

Ion Ratio Lower Upper

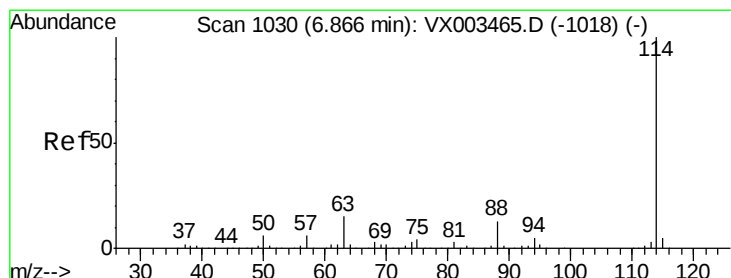
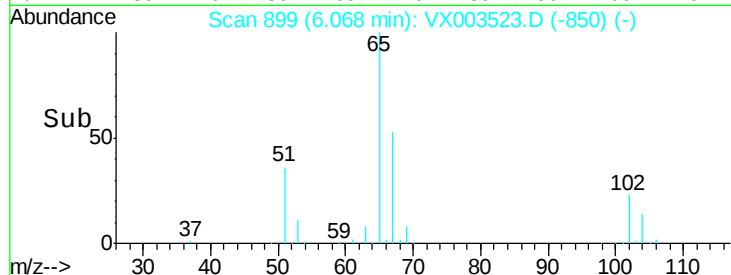
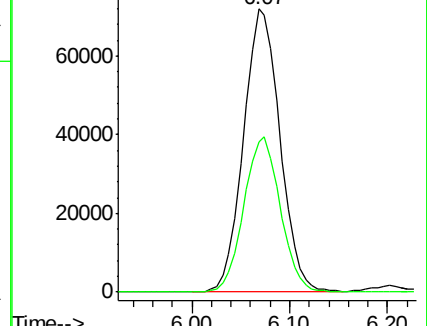
65 100

67 55.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

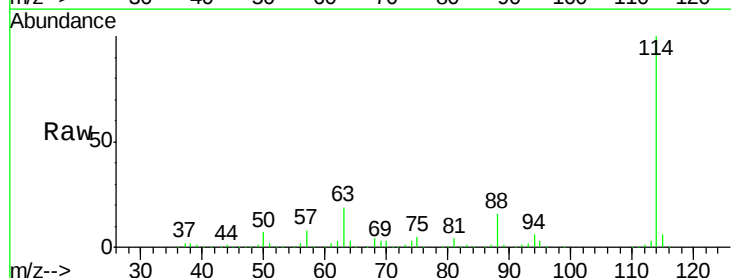
Tgt Ion: 114 Resp: 417818

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

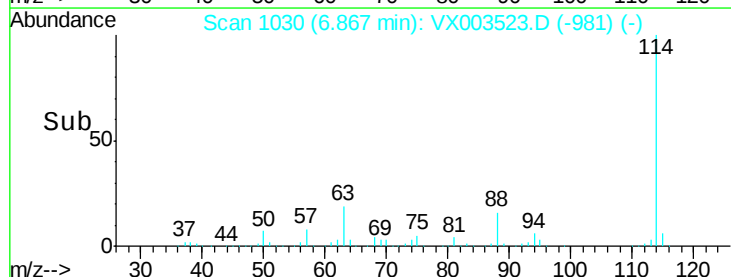
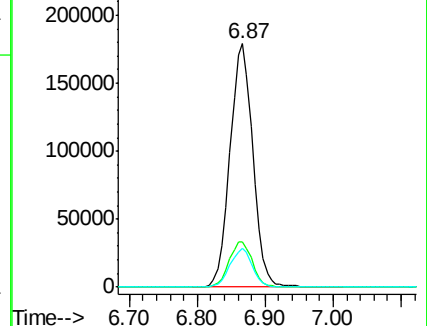
88 15.9 0.0 30.0

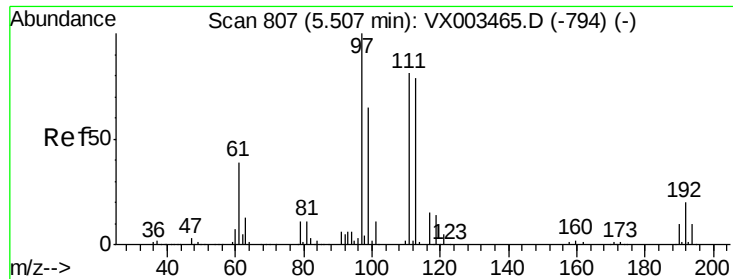


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

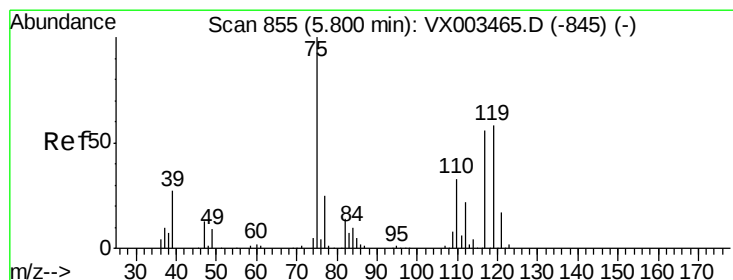
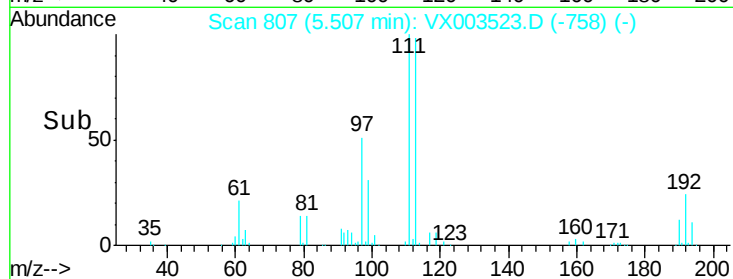
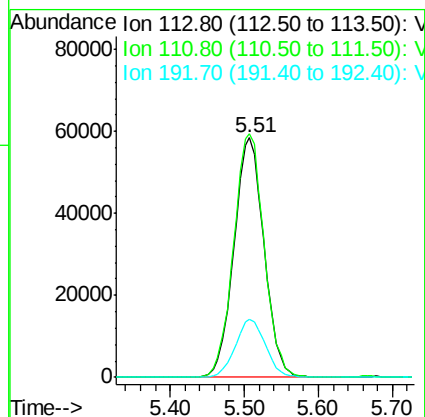
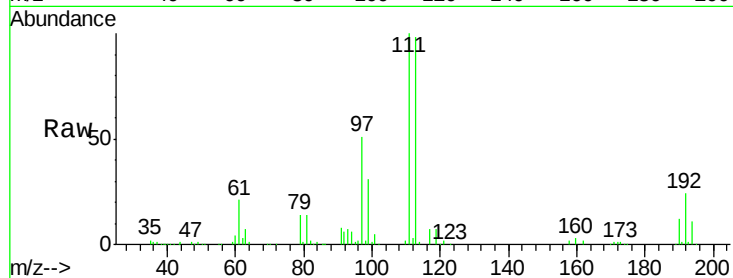




#35
 Dibromofluoromethane
 Concen: 51.85 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

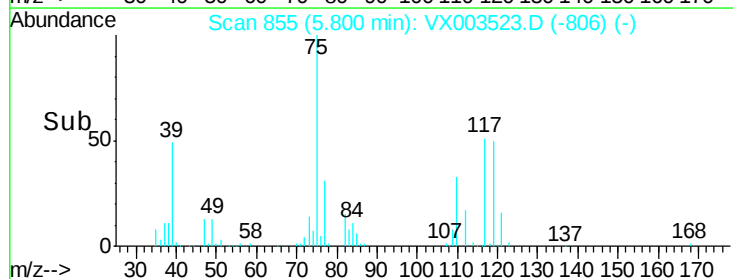
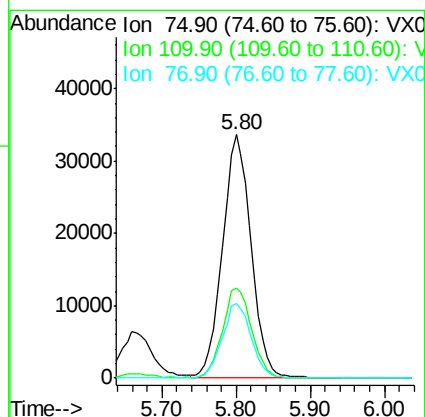
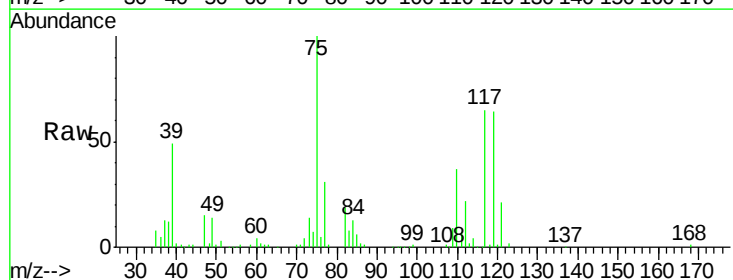
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

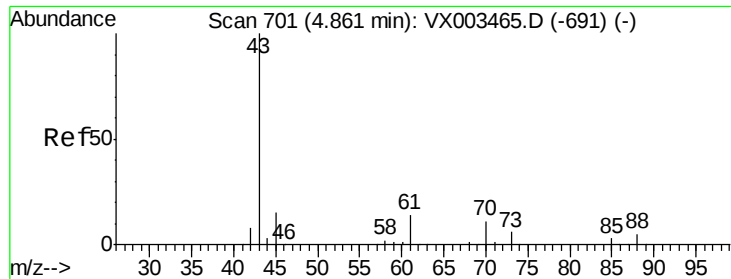
Tot Ion:113 Resp: 165014
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 24.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.96 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 75 Resp: 90040
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.1 54.4
 77 30.6 24.3 36.5

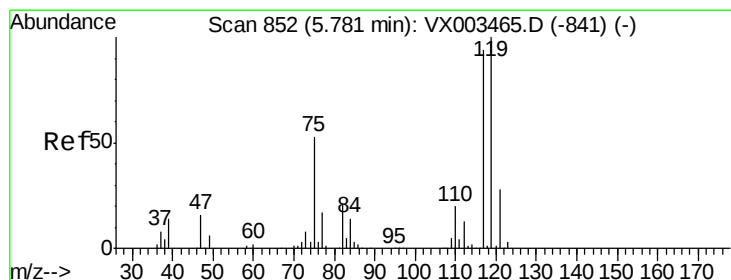
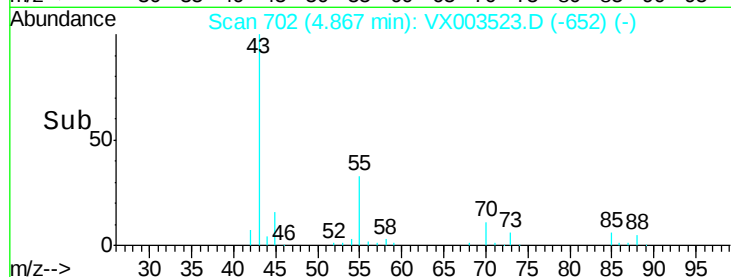
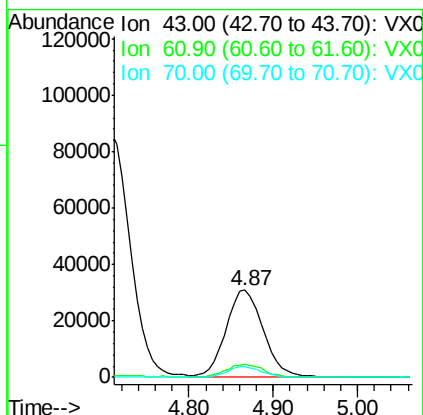
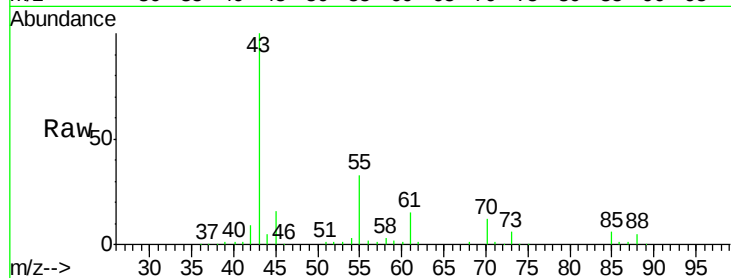




#37
Ethyl Acetate
Concen: 21.56 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

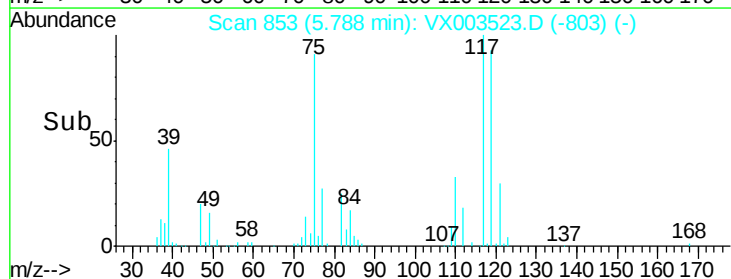
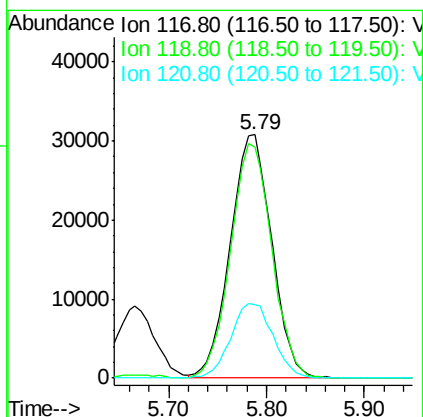
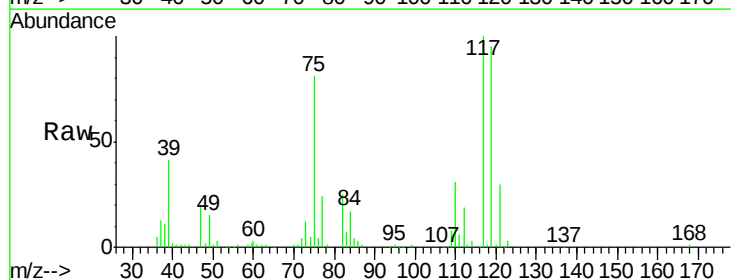
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

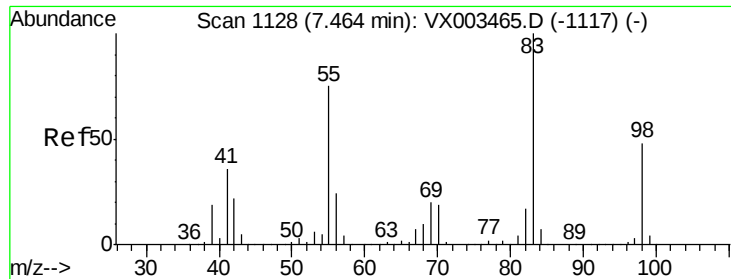
Tot Ion: 43 Resp: 92019
Ion Ratio Lower Upper
43 100
61 15.7 10.4 15.6#
70 11.4 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 20.51 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 117 Resp: 90764
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
121 30.2 24.4 36.6

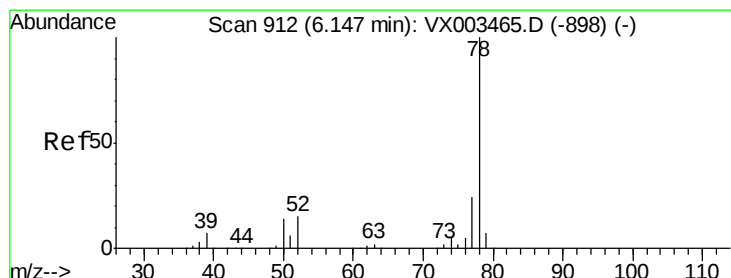
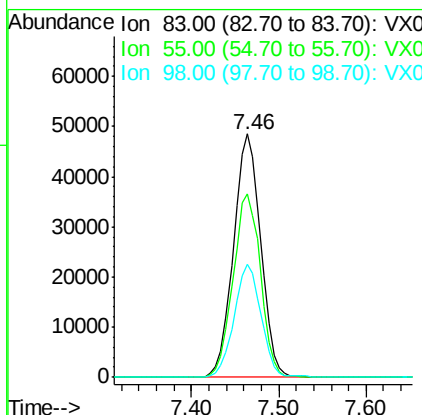
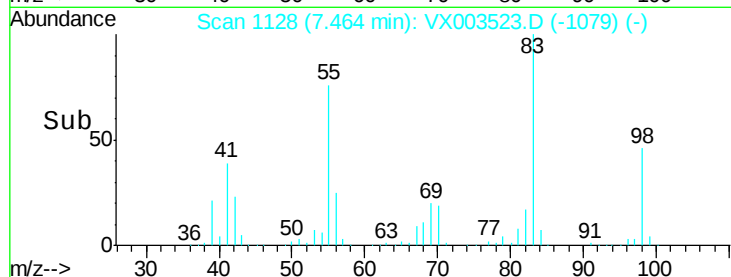
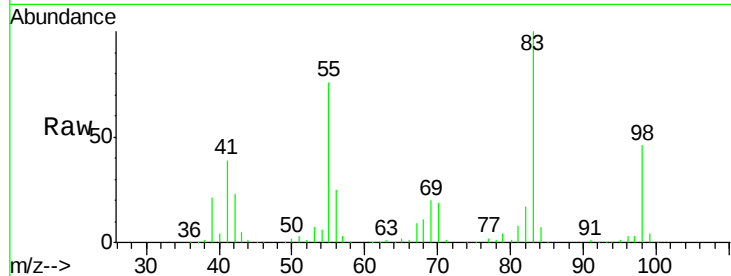




#39
Methvlcvclohexane
Concen: 19.66 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

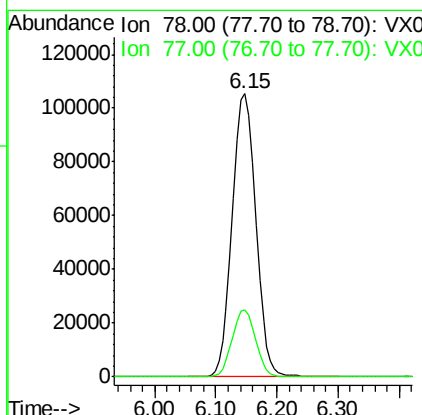
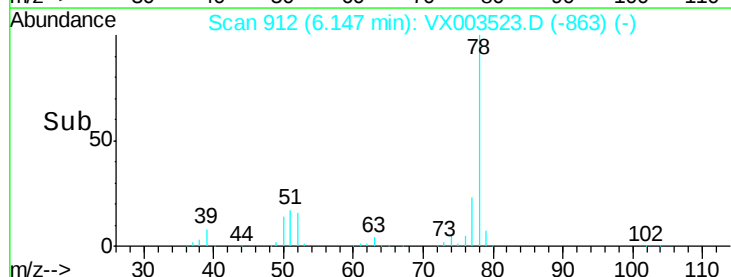
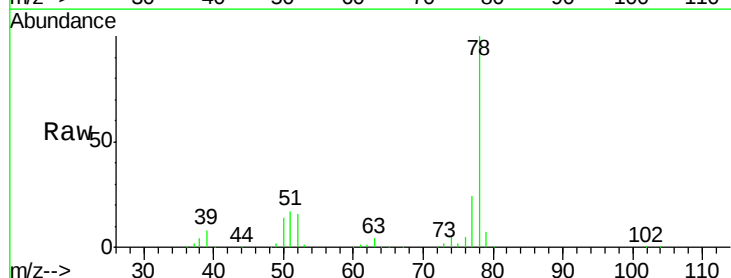
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

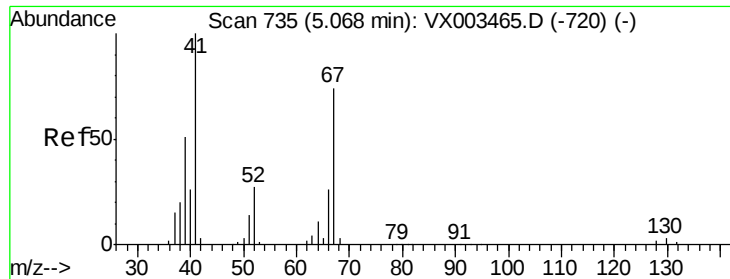
Tot Ion: 83 Resp: 105020
Ion Ratio Lower Upper
83 100
55 75.5 65.4 98.0
98 46.5 37.4 56.0



#40
Benzene
Concen: 20.74 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 78 Resp: 282462
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

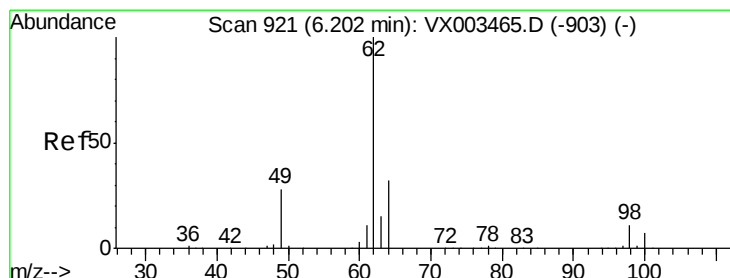
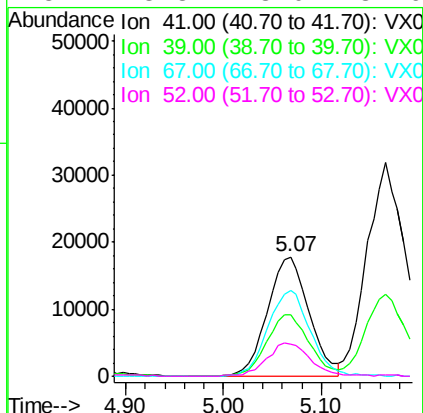
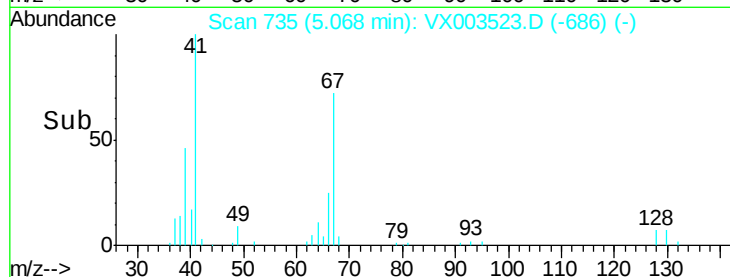
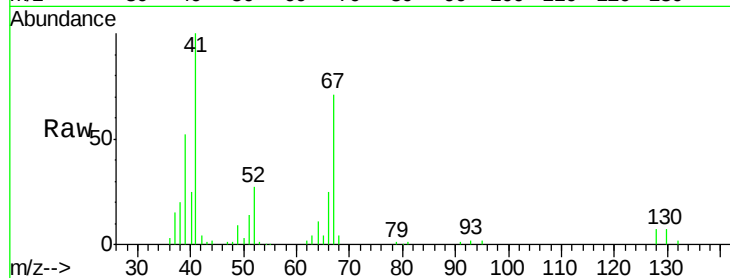




#41
Methacrylonitrile
Concen: 21.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

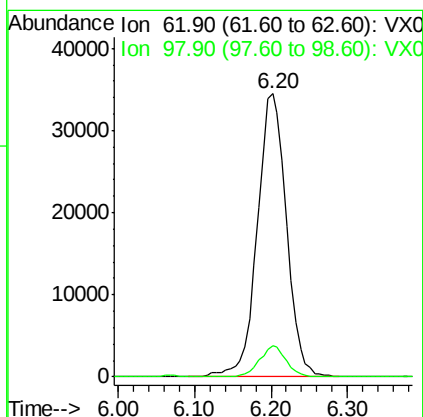
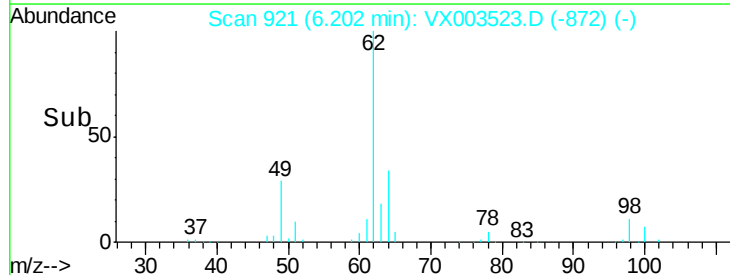
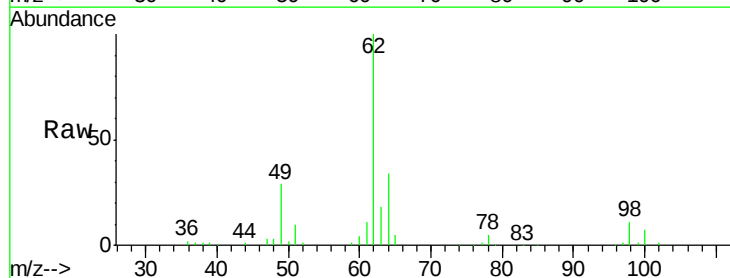
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tot Ion:	41	Resp:	52886
Ion	Ratio	Lower	Upper
41	100		
39	53.1	45.8	68.6
67	73.2	51.3	76.9
52	28.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 21.44 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion:	62	Resp:	91994
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 21.27 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

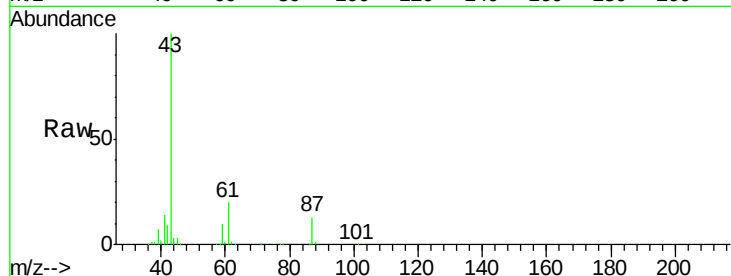
Tot Ion: 43 Resp: 144450

Ion Ratio Lower Upper

43 100

61 21.3 14.4 21.6

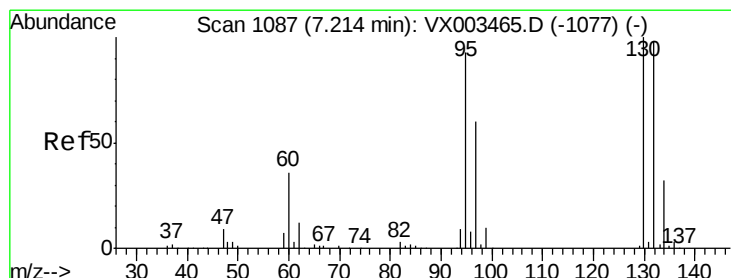
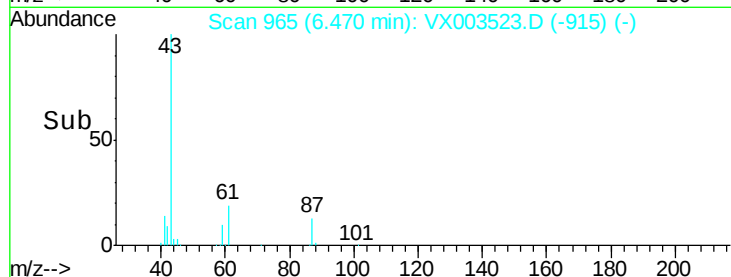
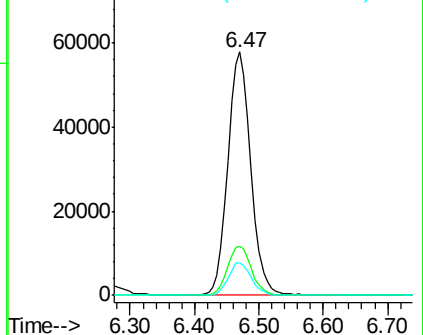
87 13.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.46 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003523.D

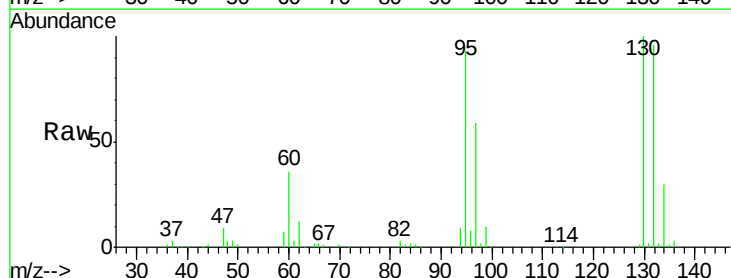
Acq: 20 Jul 2018 22:17

Tgt Ion:130 Resp: 83086

Ion Ratio Lower Upper

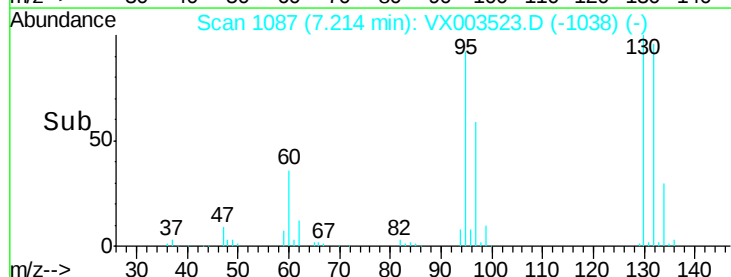
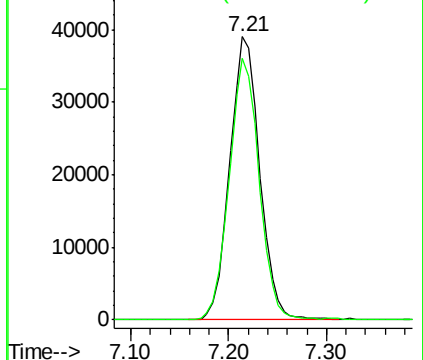
130 100

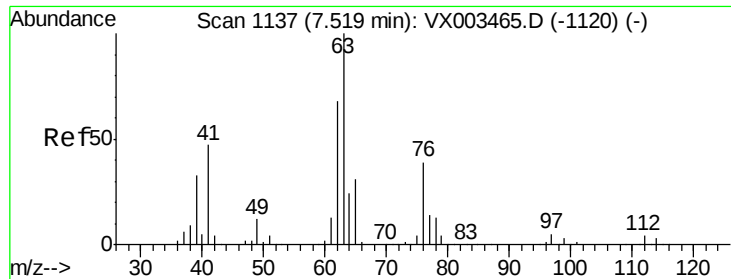
95 92.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.13 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

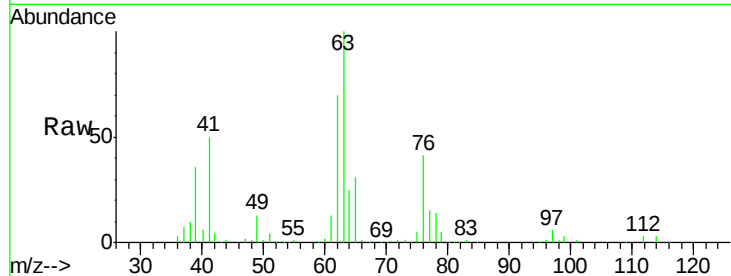
VX0720WBSD03

Tot Ion: 63 Resp: 73073

Ion Ratio Lower Upper

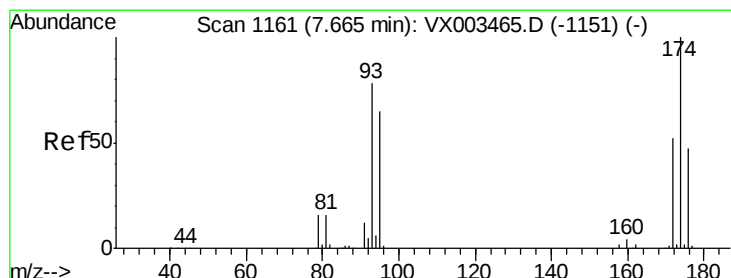
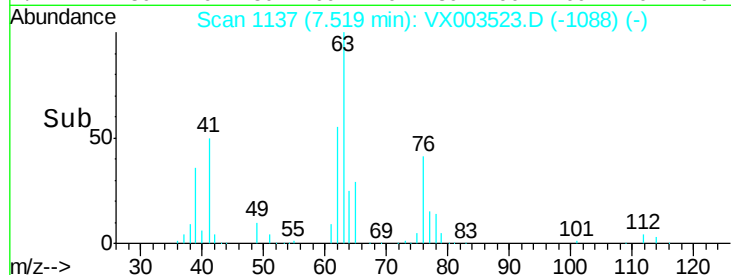
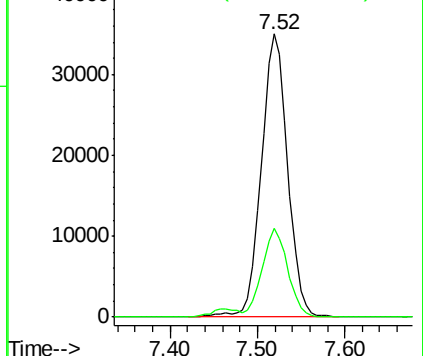
63 100

65 31.3 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: 21.40 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

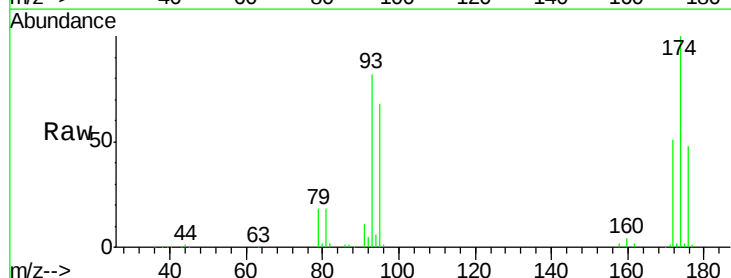
Tgt Ion: 93 Resp: 47655

Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

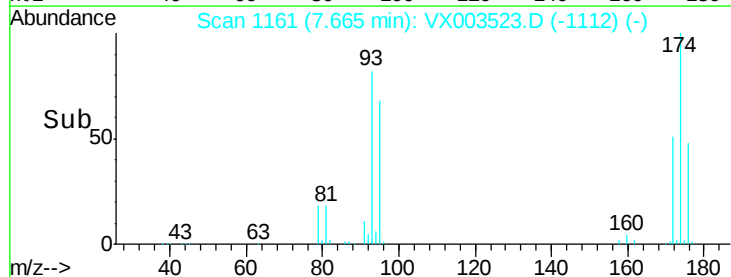
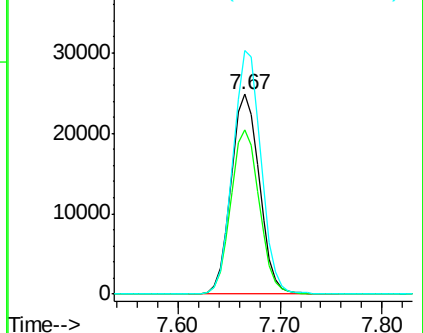
174 120.9 92.4 138.6



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: 21.07 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

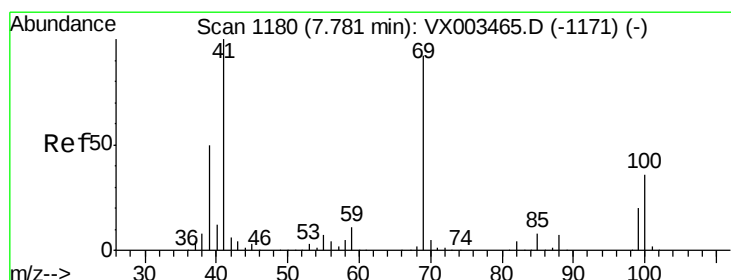
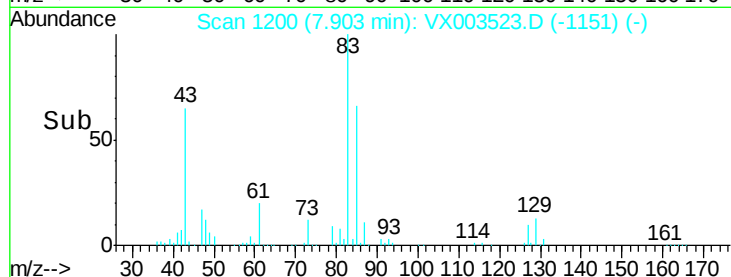
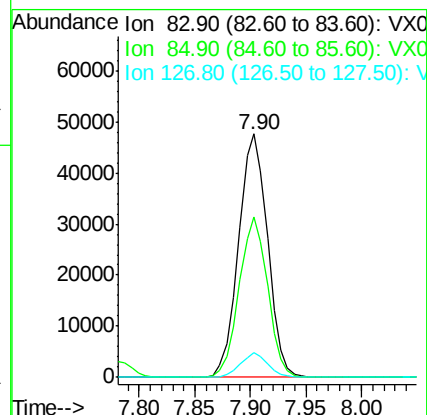
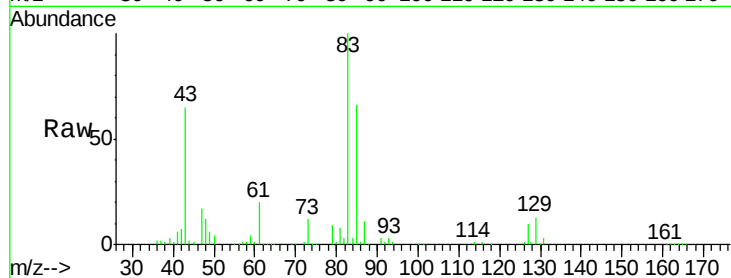
Tot Ion: 83 Resp: 85894

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

127 9.9 7.0 10.4



#48

Methyl methacrylate

Concen: 21.33 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

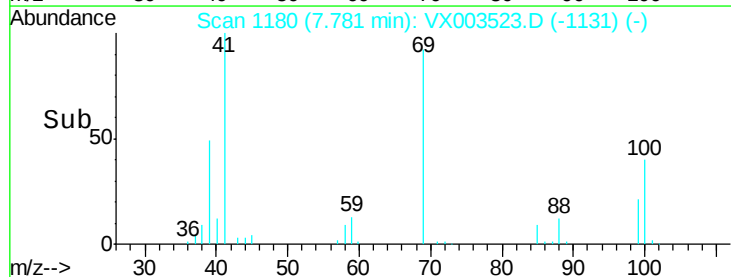
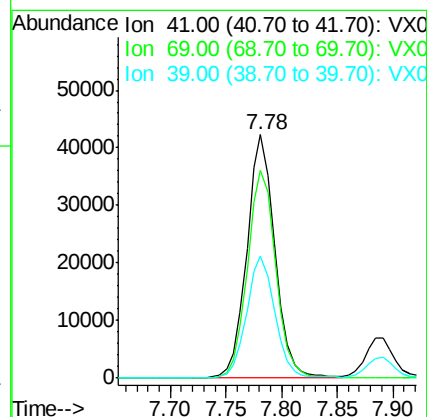
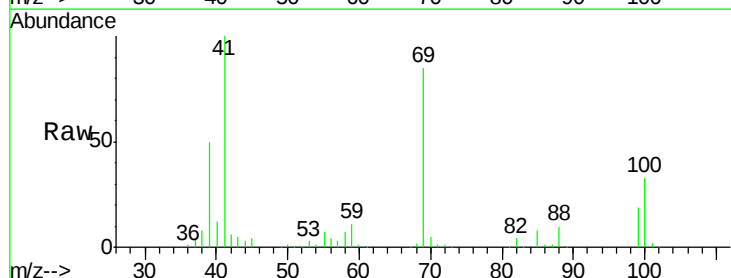
Tgt Ion: 41 Resp: 73052

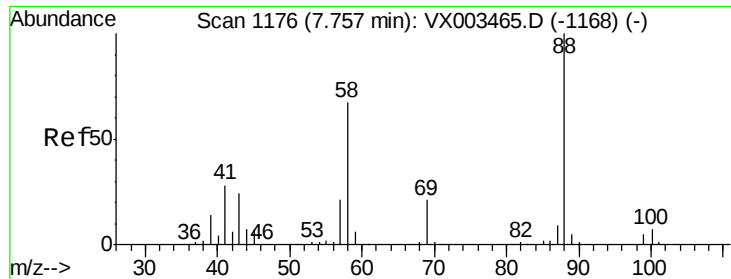
Ion Ratio Lower Upper

41 100

69 87.8 59.1 88.7

39 51.3 48.9 73.3

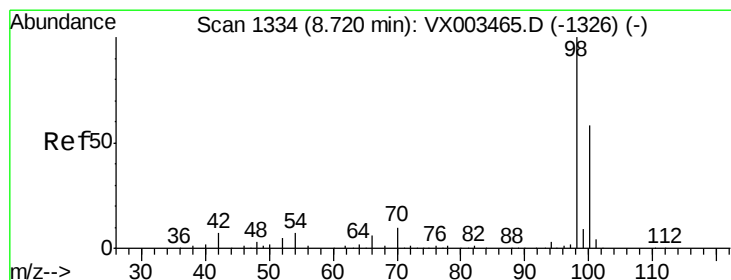
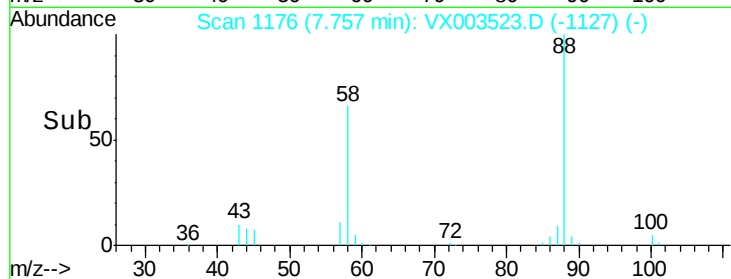
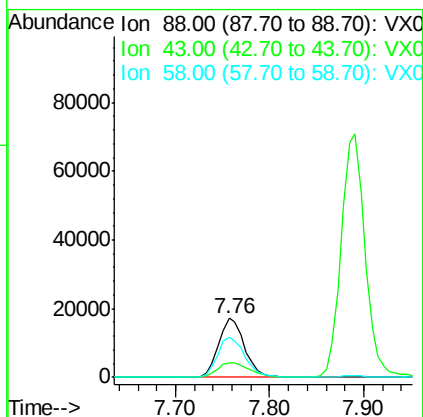
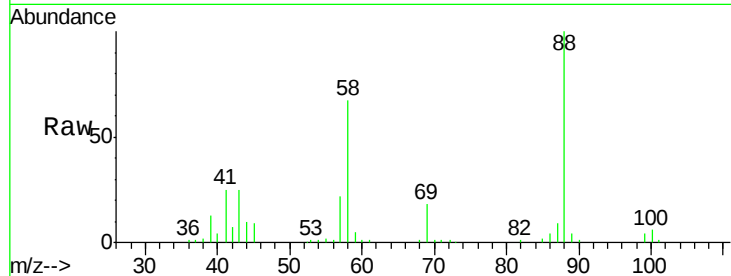




#49
1,4-Dioxane
Concen: 426.53 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

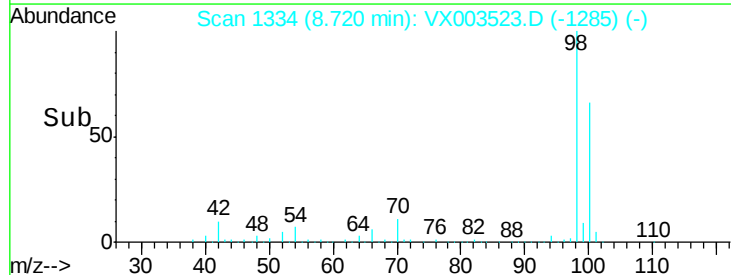
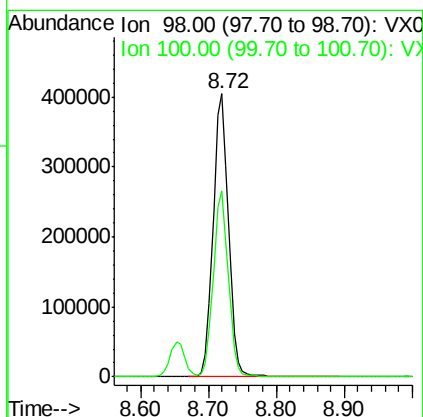
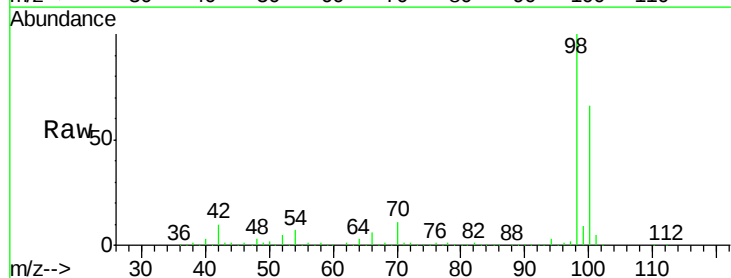
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

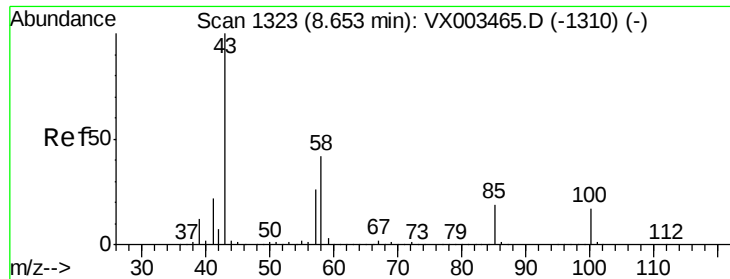
Tot Ion: 88 Resp: 33094
Ion Ratio Lower Upper
88 100
43 29.4 29.8 44.6#
58 71.5 57.1 85.7



#50
Toluene-d8
Concen: 52.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 98 Resp: 632739
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 114.53 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

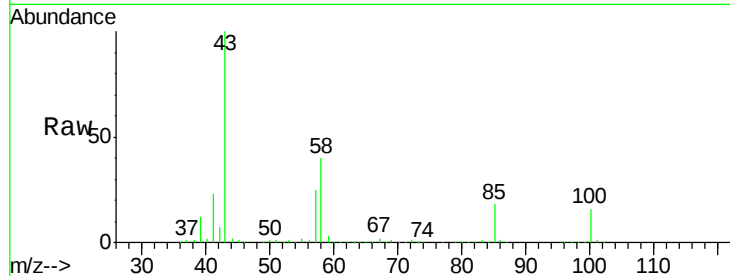
VX0720WBSD03

Tot Ion: 43 Resp: 491308

Ion Ratio Lower Upper

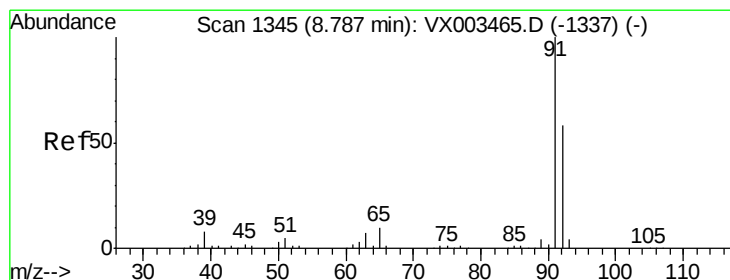
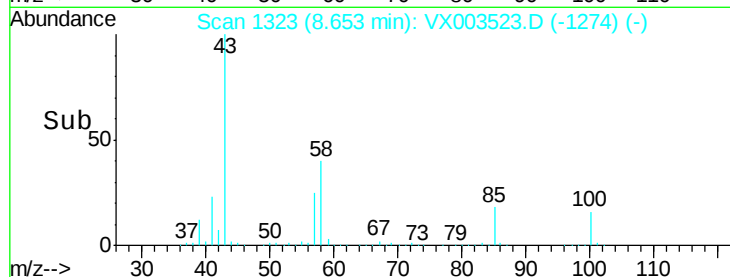
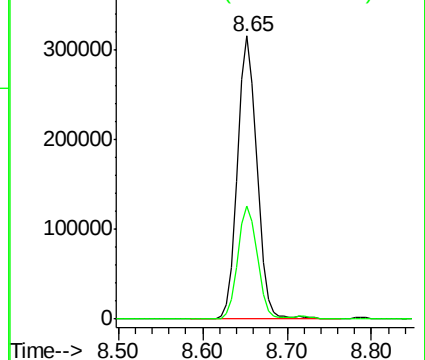
43 100

58 39.7 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: 20.76 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003523.D

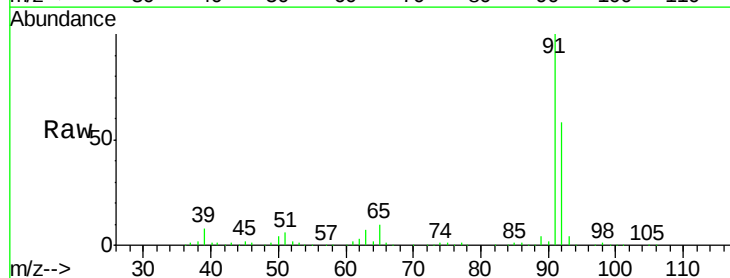
Acq: 20 Jul 2018 22:17

Tgt Ion: 92 Resp: 177938

Ion Ratio Lower Upper

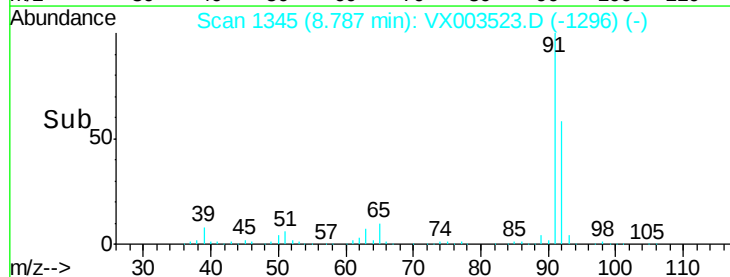
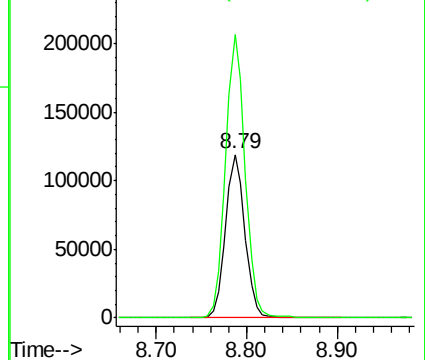
92 100

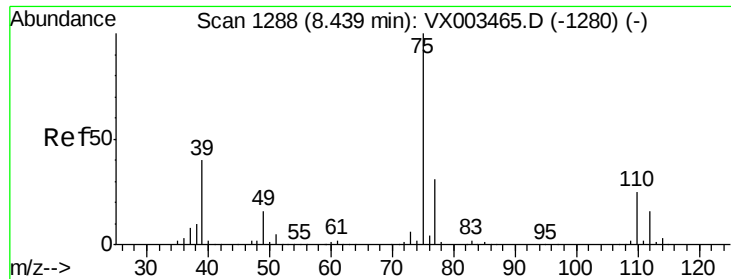
91 174.7 140.4 210.6



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: 20.41 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

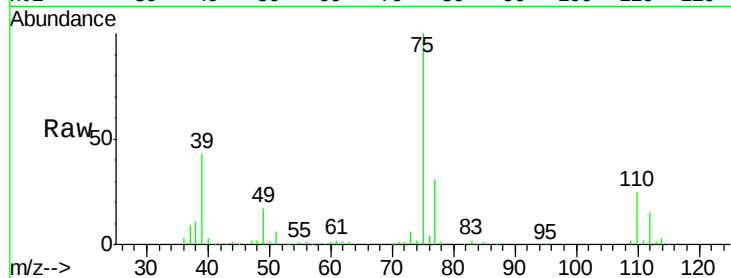
VX0720WBSD03

Tot Ion: 75 Resp: 102377

Ion Ratio Lower Upper

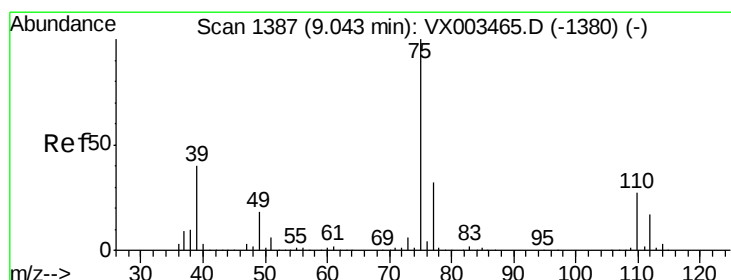
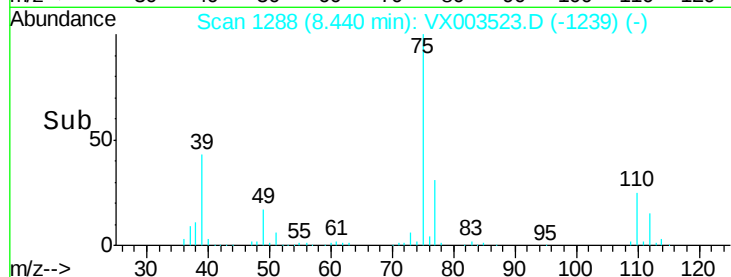
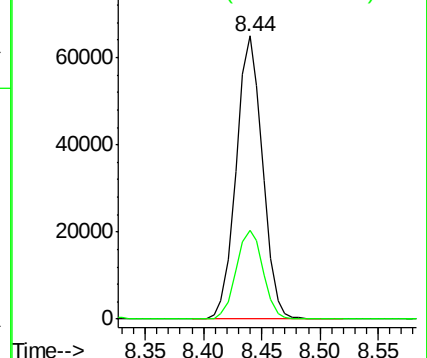
75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.21 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

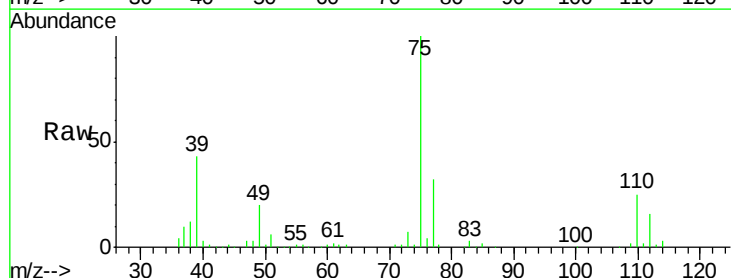
Tgt Ion: 75 Resp: 91172

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

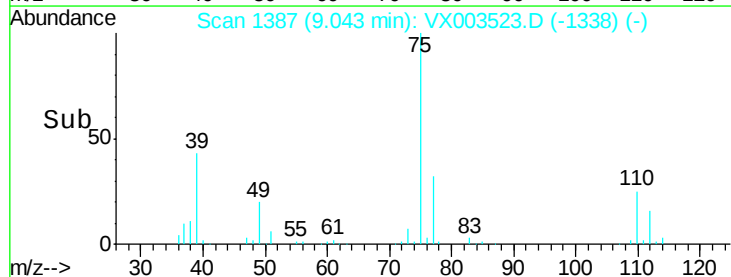
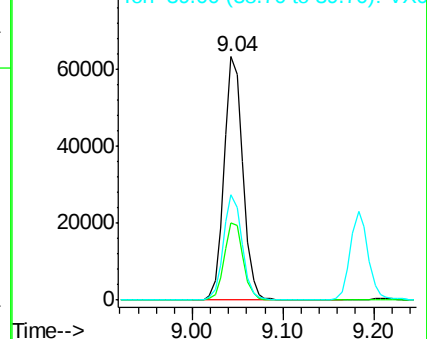
39 43.1 42.4 63.6

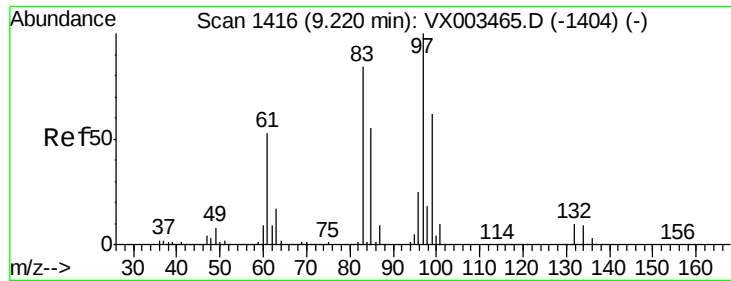


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

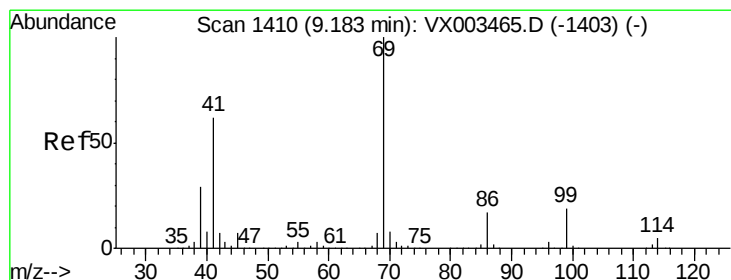
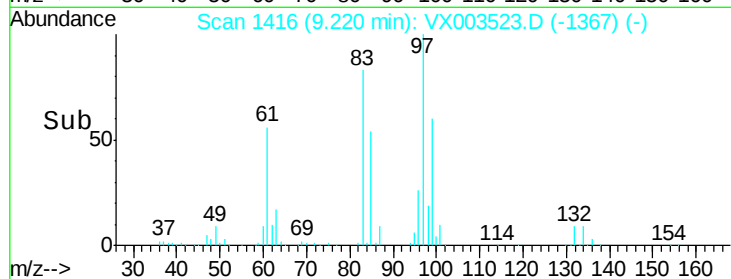
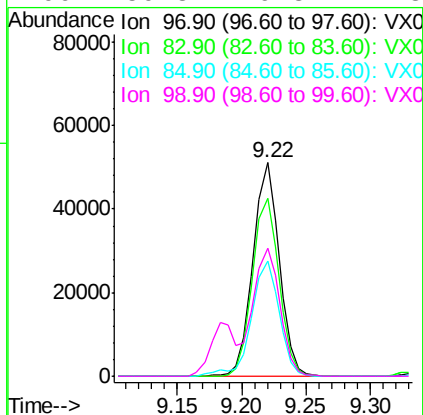
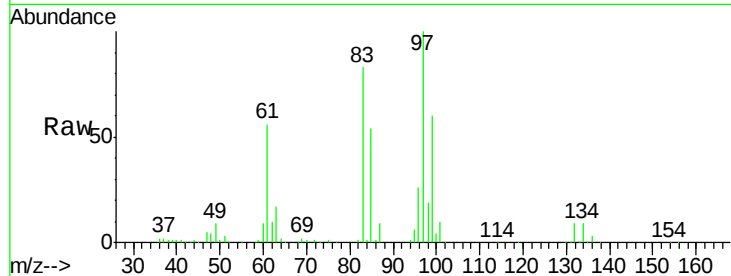




#55
 1,1,2-Trichloroethane
 Concen: 21.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

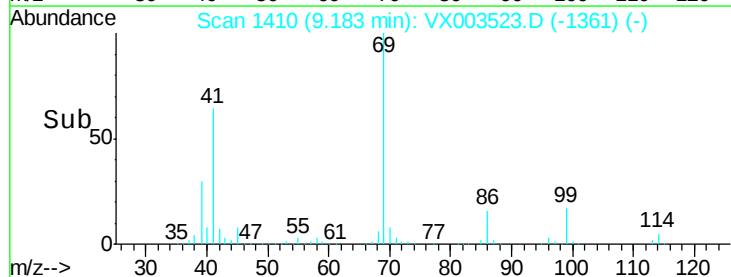
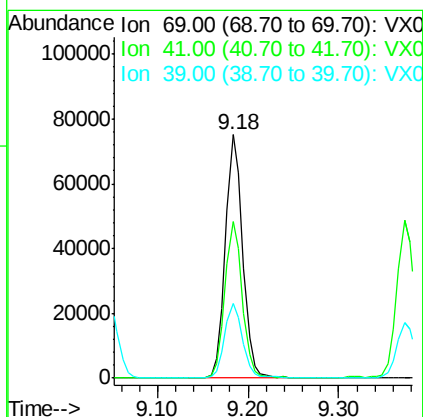
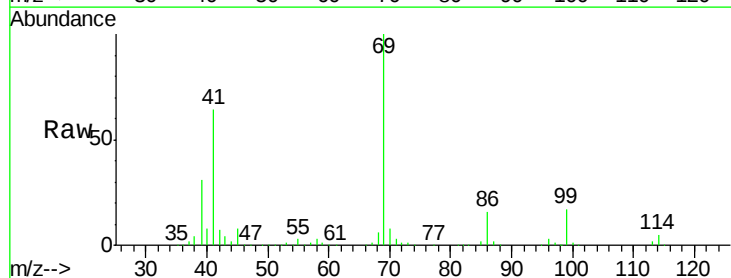
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

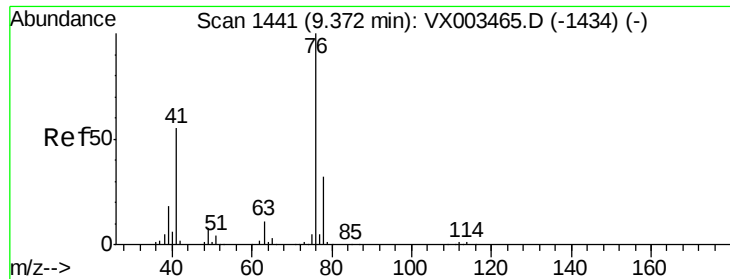
Tot Ion: 97 Resp: 71718
 Ion Ratio Lower Upper
 97 100
 83 83.4 70.2 105.2
 85 54.0 44.9 67.3
 99 59.8 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 20.85 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 69 Resp: 100187
 Ion Ratio Lower Upper
 69 100
 41 64.4 60.3 90.5
 39 32.0 35.8 53.8#

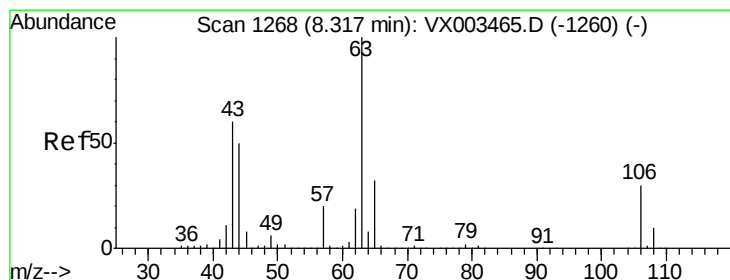
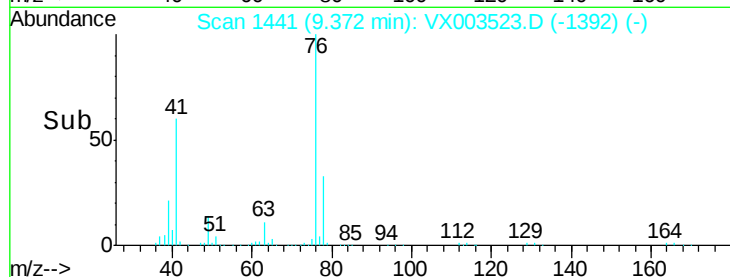
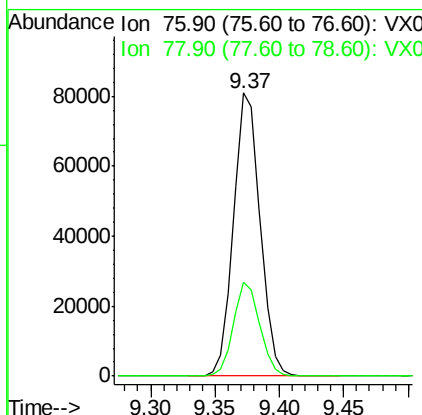
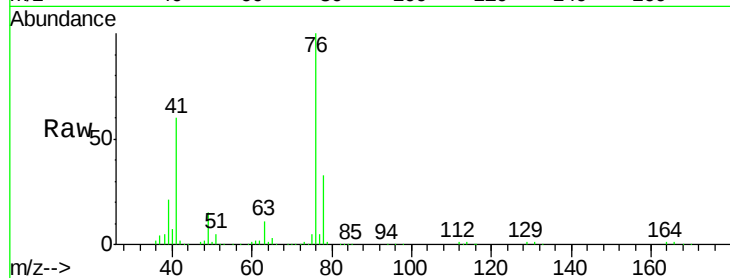




#57
 1,3-Dichloropropane
 Concen: 21.22 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

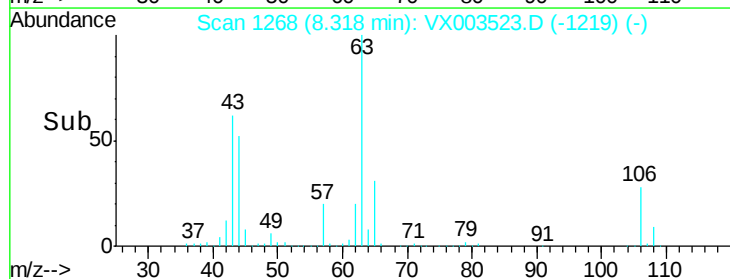
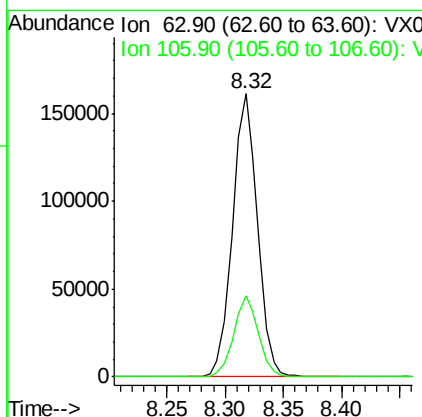
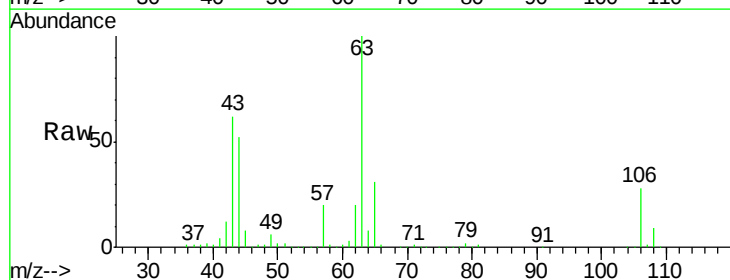
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tot Ion: 76 Resp: 117037
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.81 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 63 Resp: 240209
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

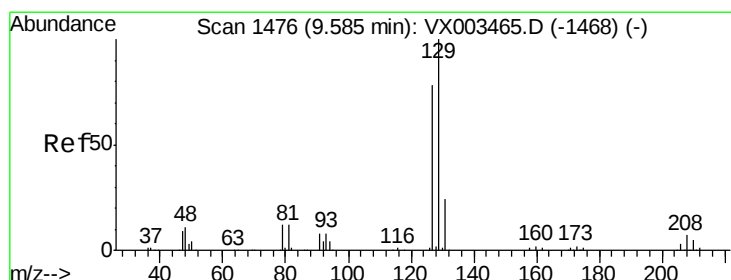
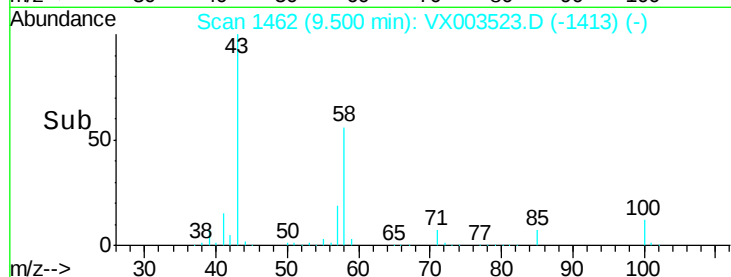
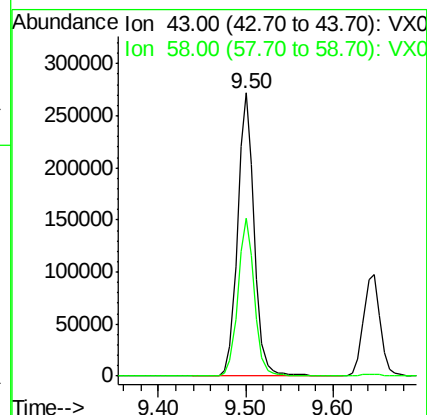
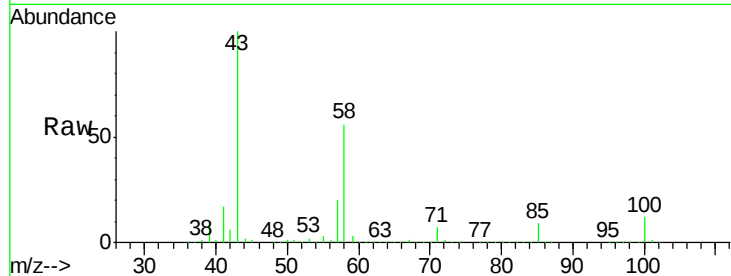




#59
2-Hexanone
Concen: 114.18 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

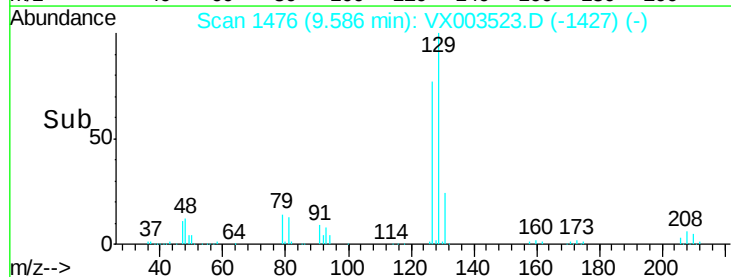
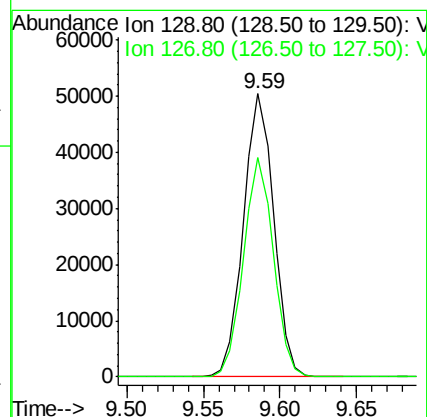
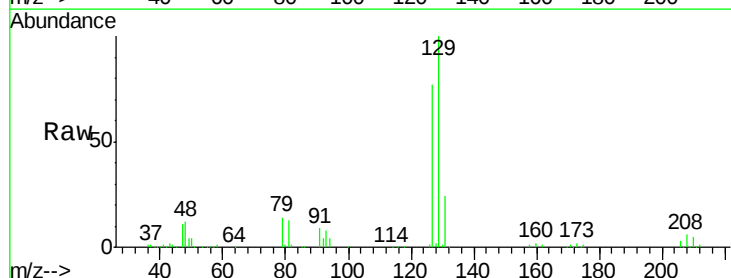
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

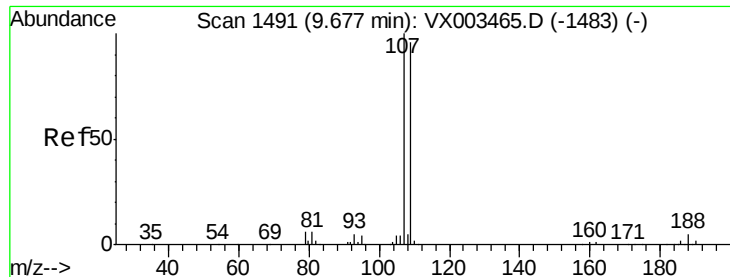
Tot Ion: 43 Resp: 362912
Ion Ratio Lower Upper
43 100
58 55.5 24.6 73.6



#60
Dibromochloromethane
Concen: 20.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 129 Resp: 69609
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

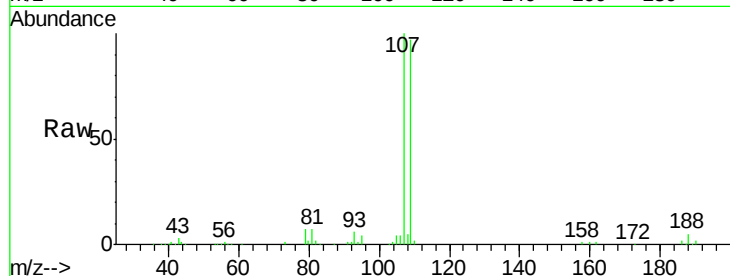
VX0720WBSD03

Tot Ion:107 Resp: 73197

Ion Ratio Lower Upper

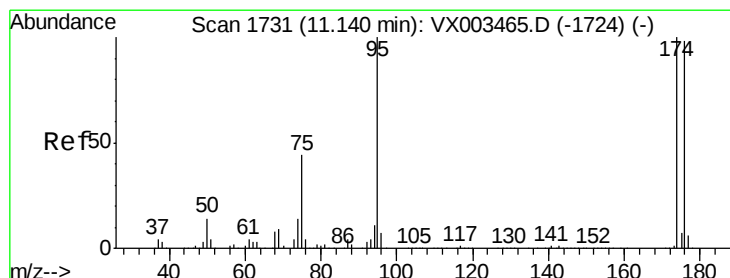
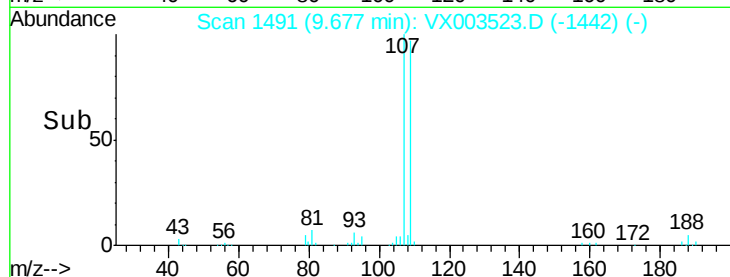
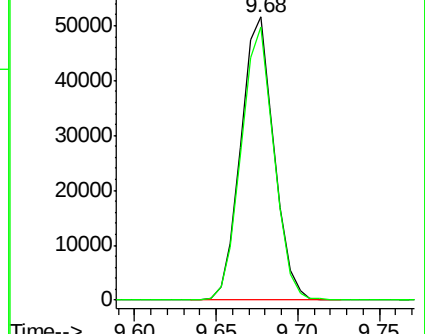
107 100

109 95.3 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: 51.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

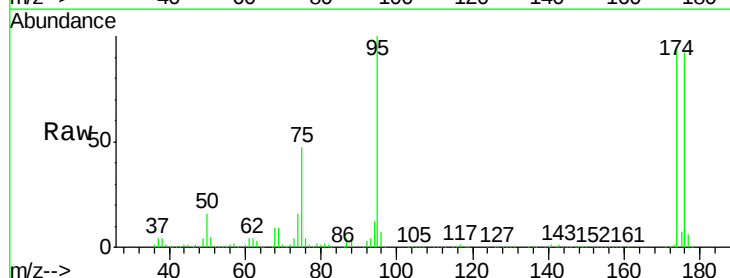
Tgt Ion: 95 Resp: 223730

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

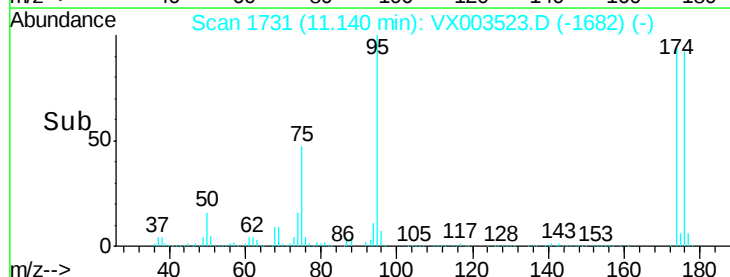
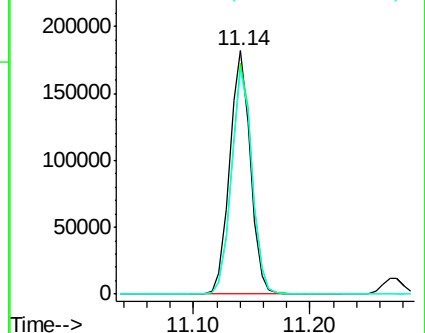
176 91.9 0.0 181.0

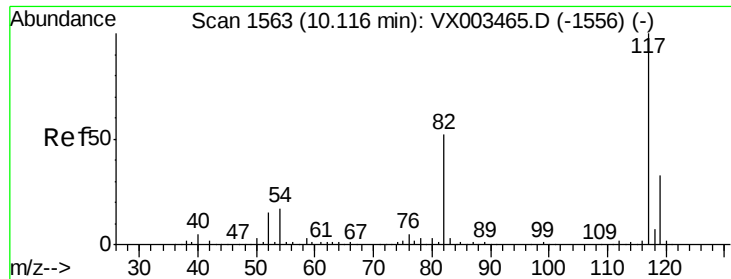


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

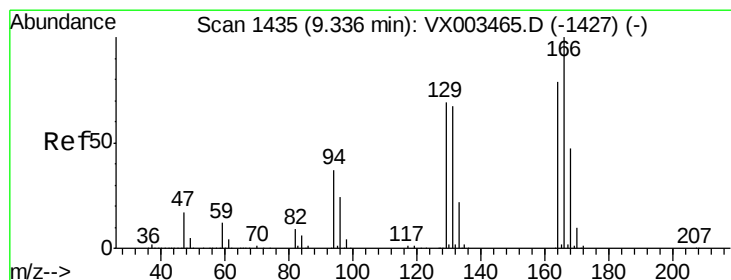
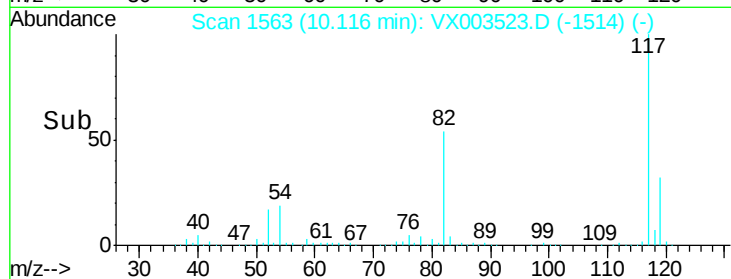
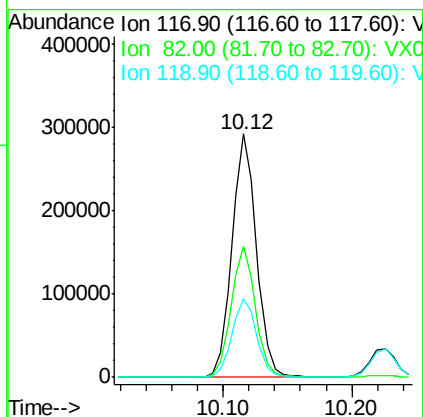
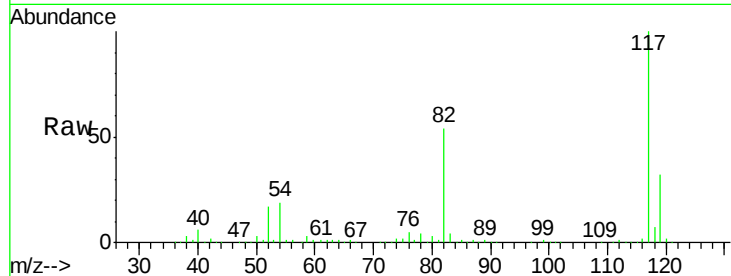




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

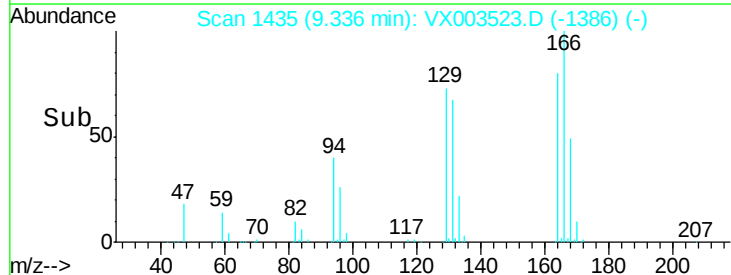
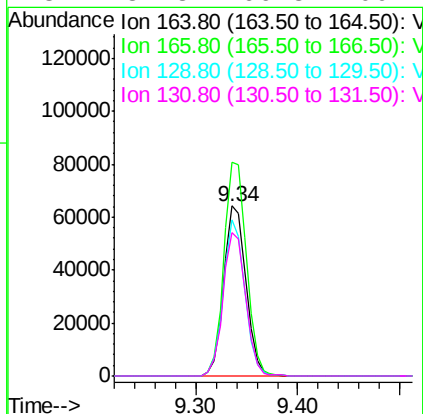
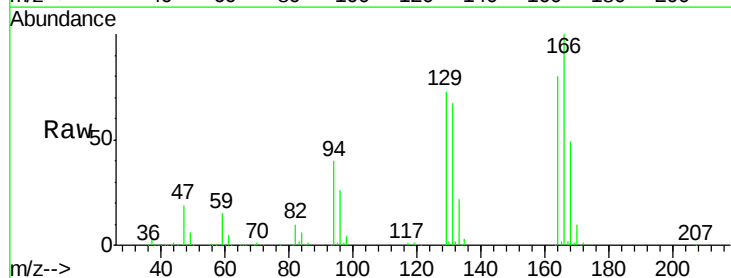
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

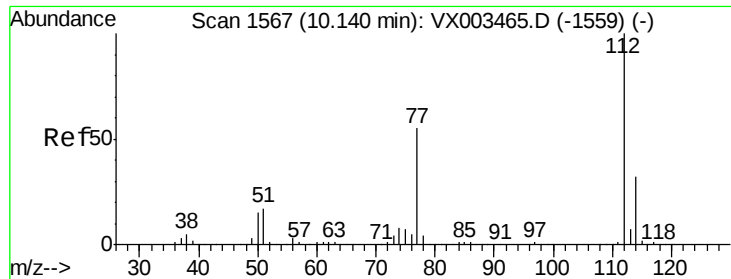
Tot Ion:117 Resp: 387195
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 20.60 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion:164 Resp: 97197
Ion Ratio Lower Upper
164 100
166 125.6 102.9 154.3
129 92.1 68.6 102.8
131 84.3 66.8 100.2





#65

Chlorobenzene

Concen: 20.00 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

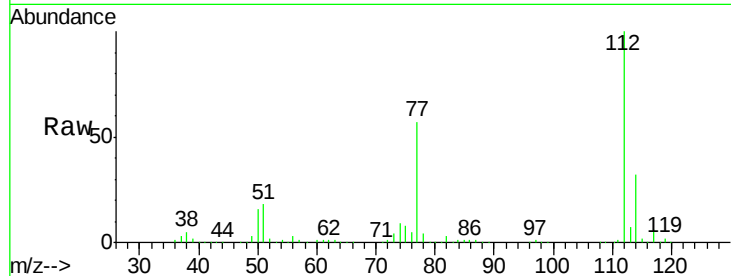
VX0720WBSD03

Tot Ion:112 Resp: 199543

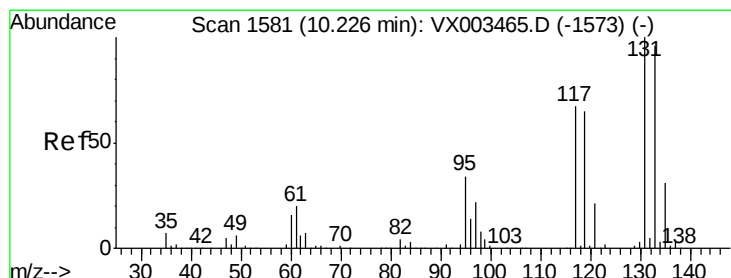
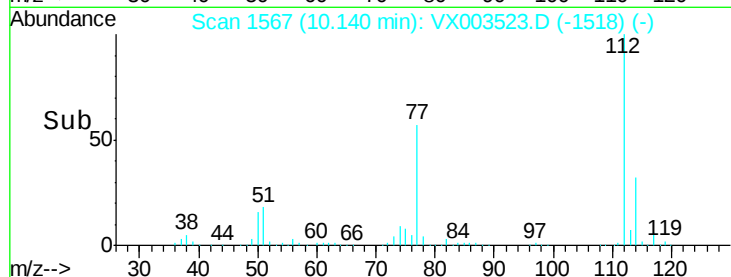
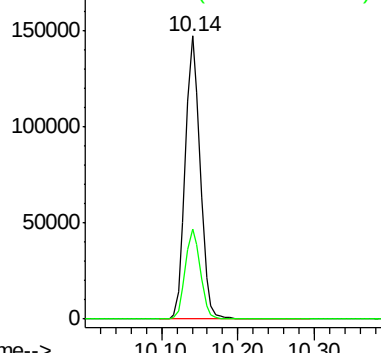
Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.51 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

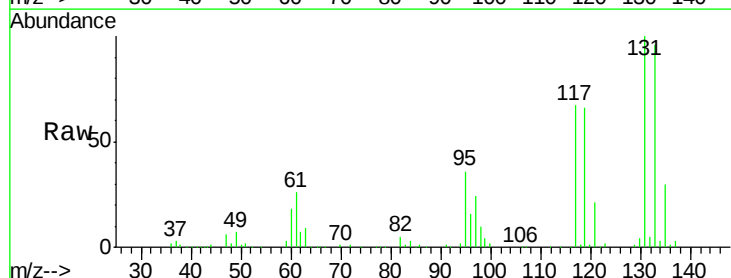
Tgt Ion:131 Resp: 70410

Ion Ratio Lower Upper

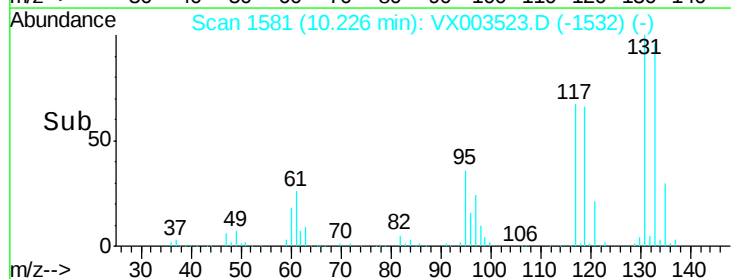
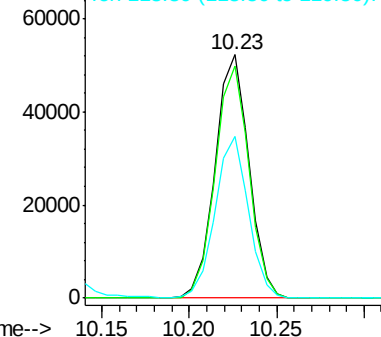
131 100

133 95.0 47.9 143.6

119 65.2 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

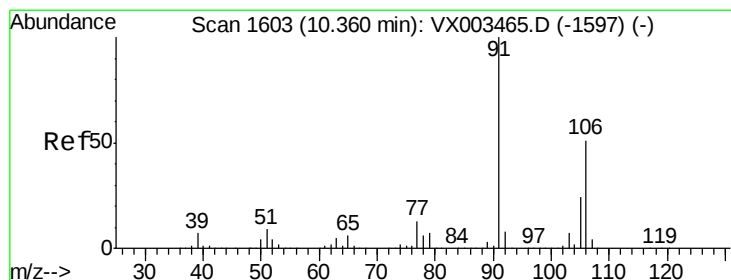
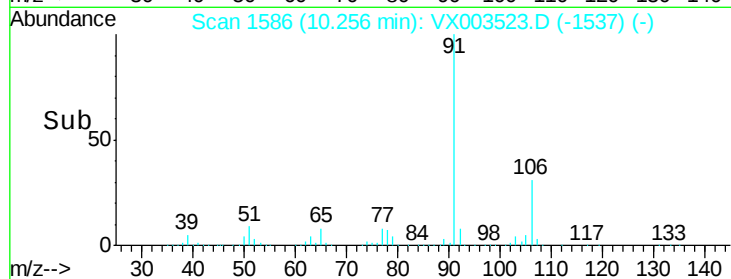
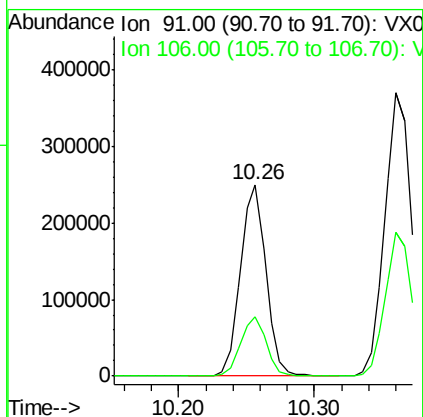
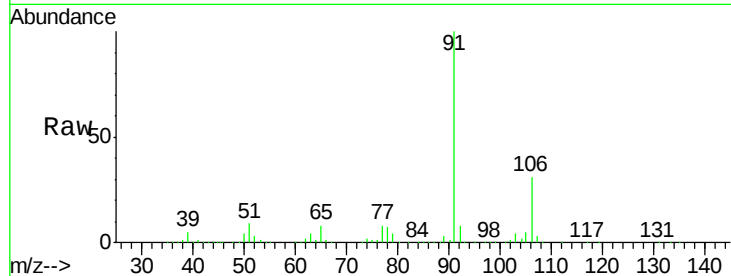




#67
Ethyl Benzene
Concen: 20.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

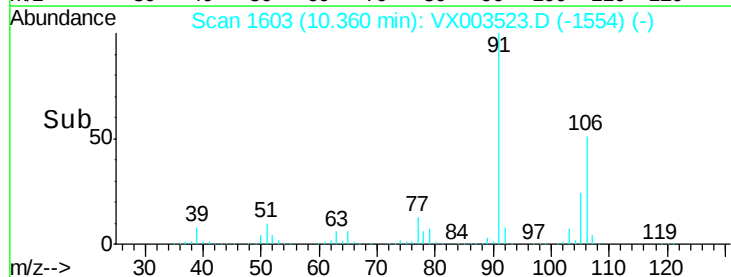
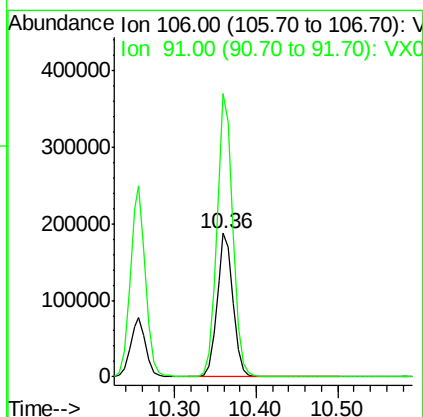
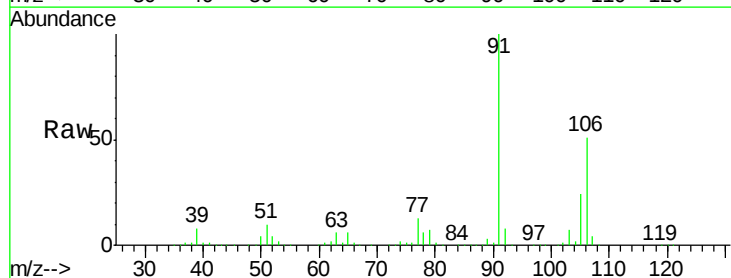
Instrument :
MSVOA_X
ClientSampleID :
VX0720WBSD03

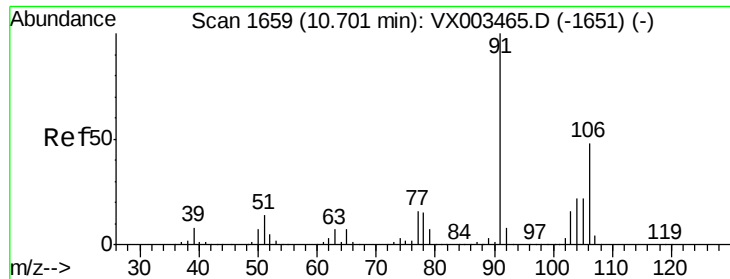
Tot Ion: 91 Resp: 326591
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 40.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 106 Resp: 257196
Ion Ratio Lower Upper
106 100
91 198.3 163.4 245.2

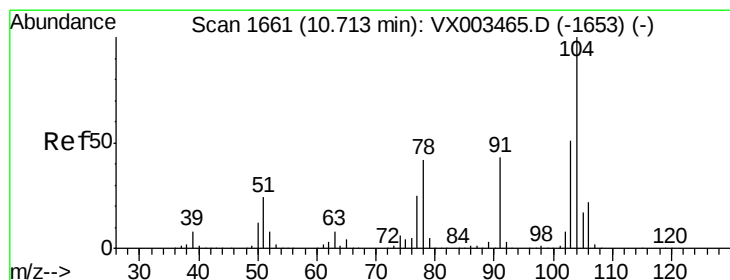
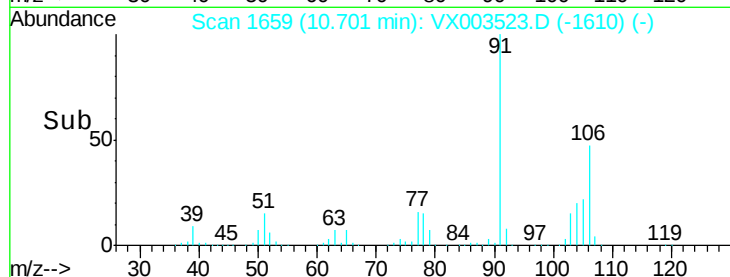
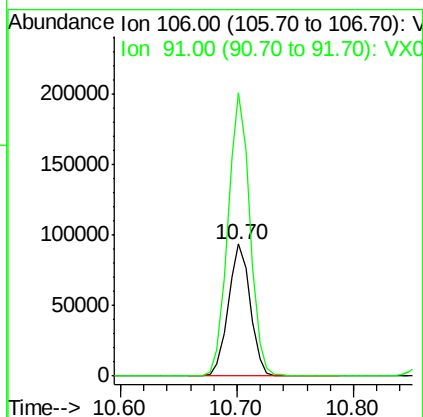
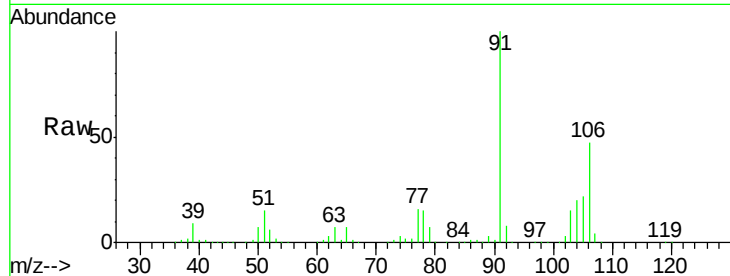




#69
o-Xylene
Concen: 20.16 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

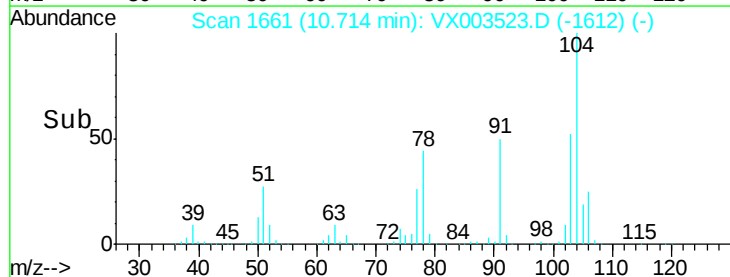
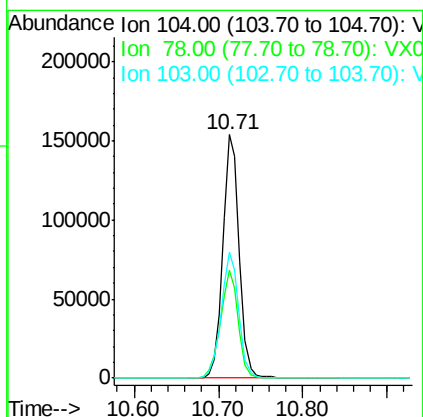
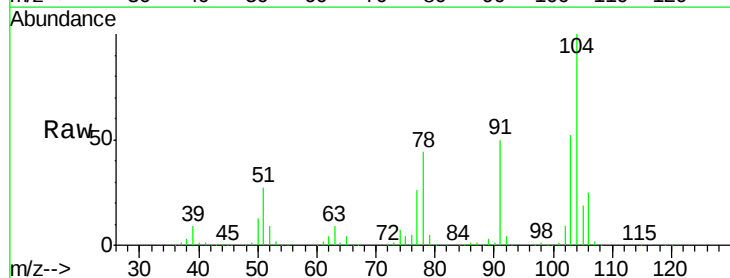
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

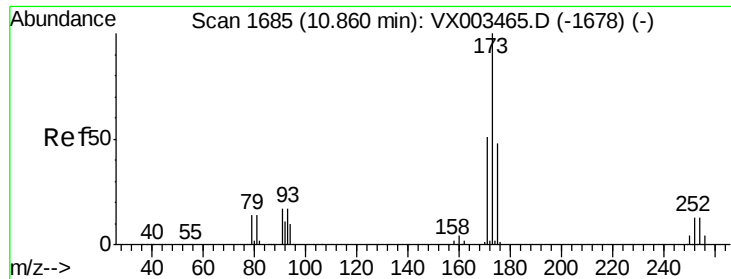
Tot Ion:106 Resp: 122582
Ion Ratio Lower Upper
106 100
91 213.9 108.2 324.6



#70
Styrene
Concen: 20.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion:104 Resp: 205102
Ion Ratio Lower Upper
104 100
78 48.2 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 19.54 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

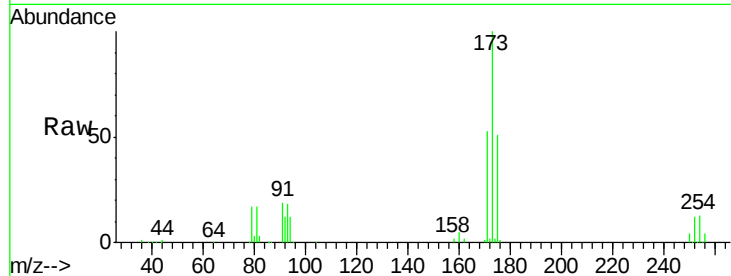
Tot Ion:173 Resp: 52111

Ion Ratio Lower Upper

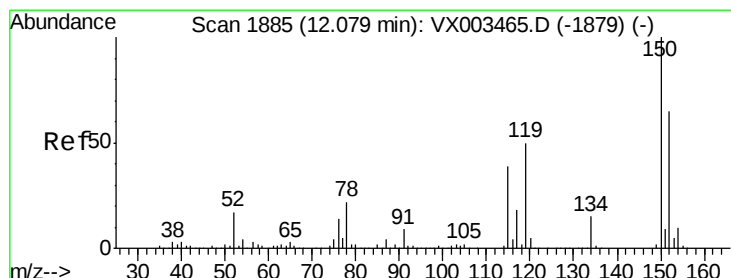
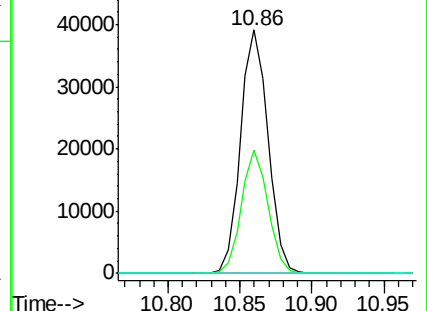
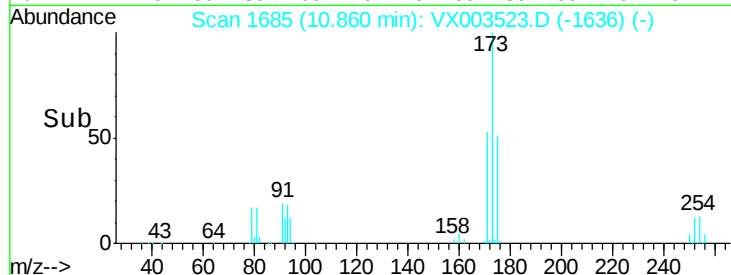
173 100

175 48.9 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

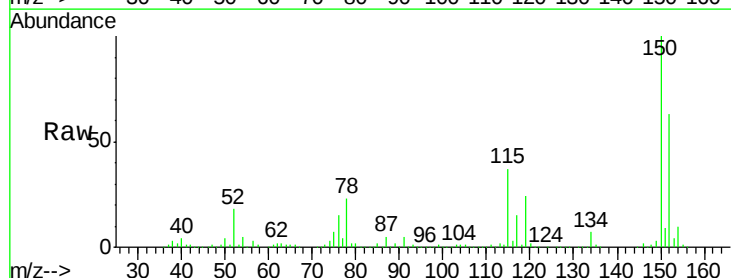
Tgt Ion:152 Resp: 231983

Ion Ratio Lower Upper

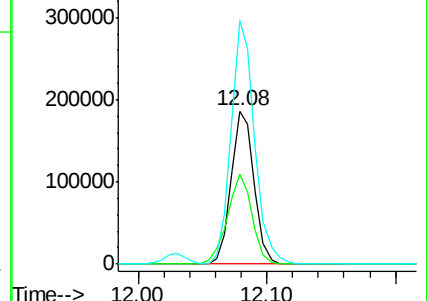
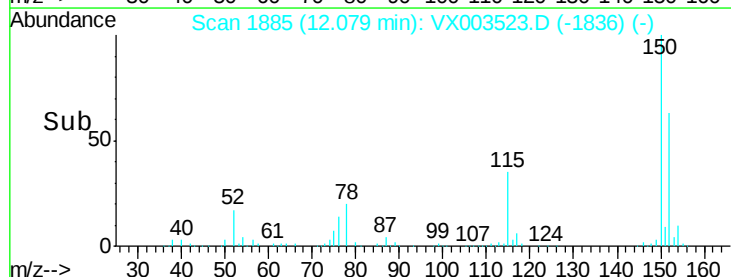
152 100

115 63.8 40.1 120.2

150 163.7 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: 20.54 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

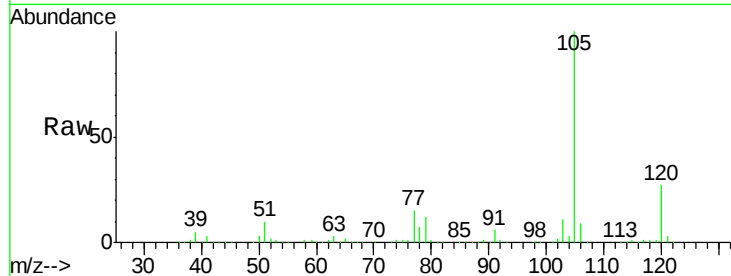
VX0720WBSD03

Tot Ion:105 Resp: 329485

Ion Ratio Lower Upper

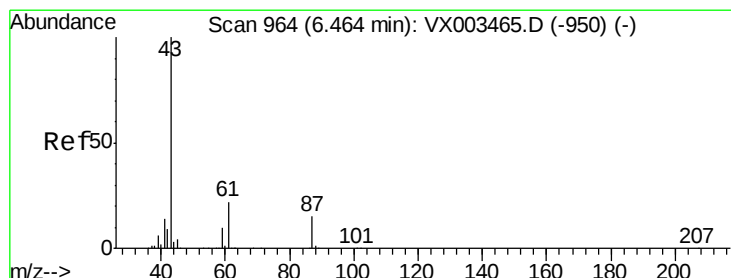
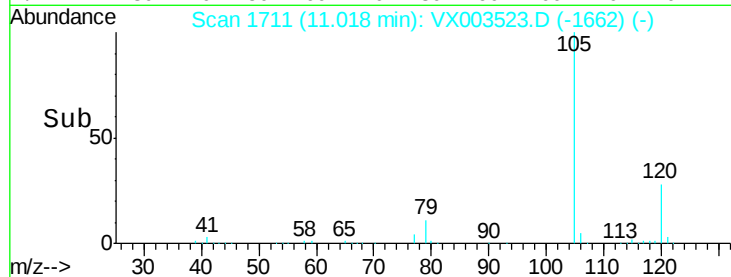
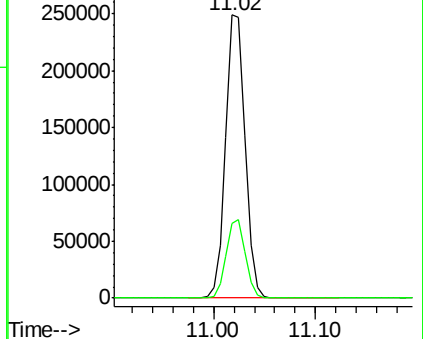
105 100

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: 21.20 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion: 43 Resp: 144450

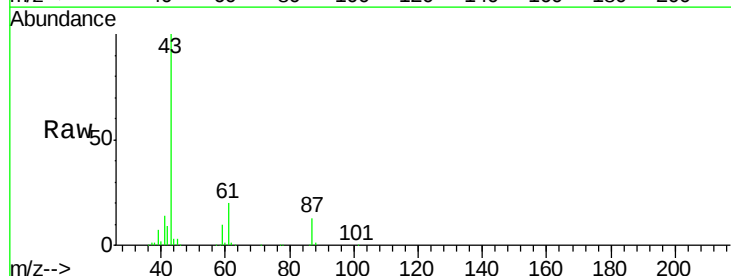
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 21.3 14.4 21.6

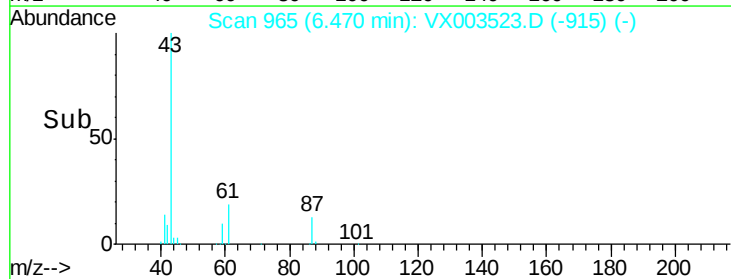
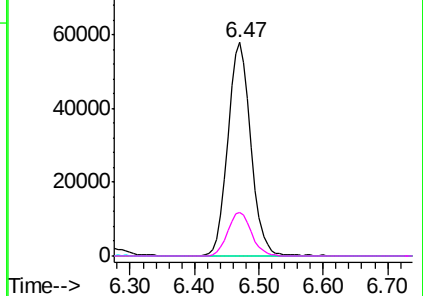


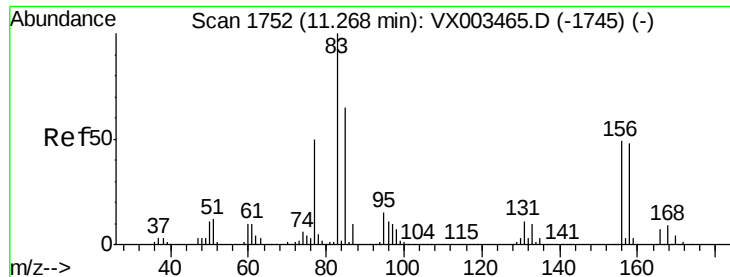
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.28 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

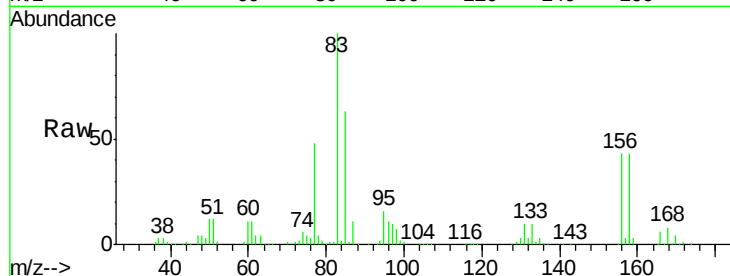
Tot Ion: 83 Resp: 100034

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

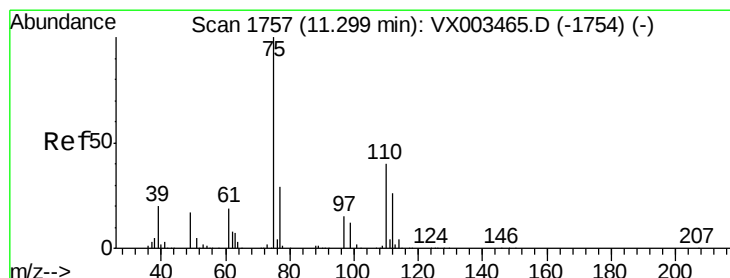
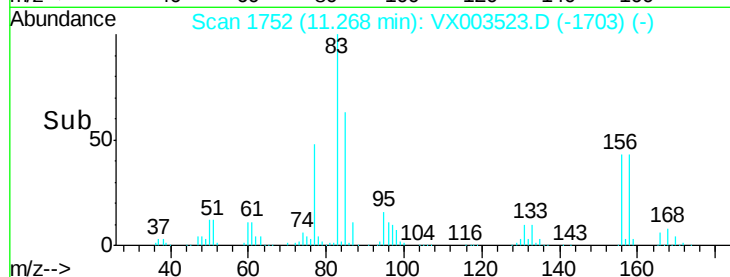
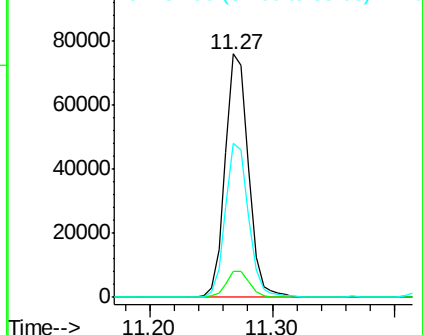
85 63.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.01 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003523.D

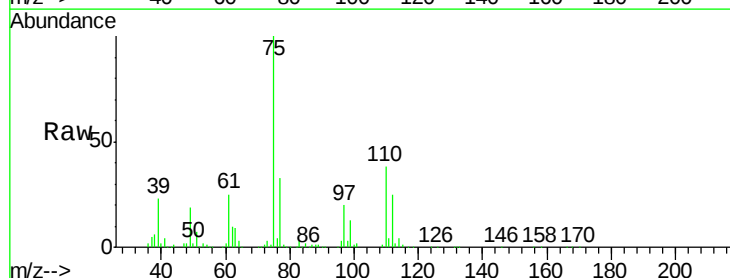
Acq: 20 Jul 2018 22:17

Tgt Ion: 75 Resp: 112558

Ion Ratio Lower Upper

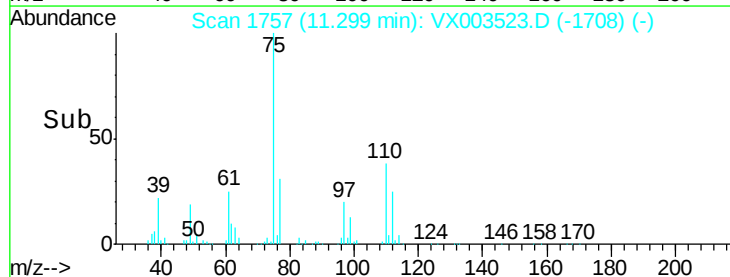
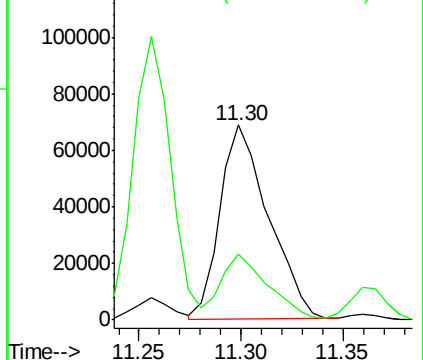
75 100

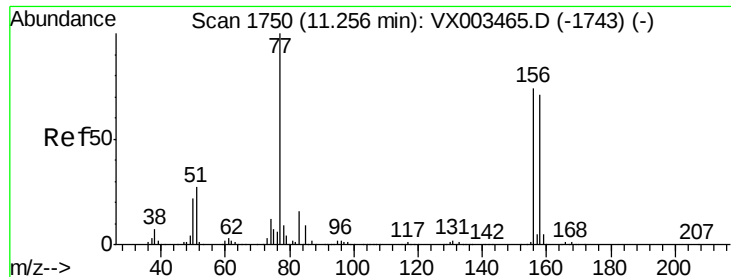
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.79 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

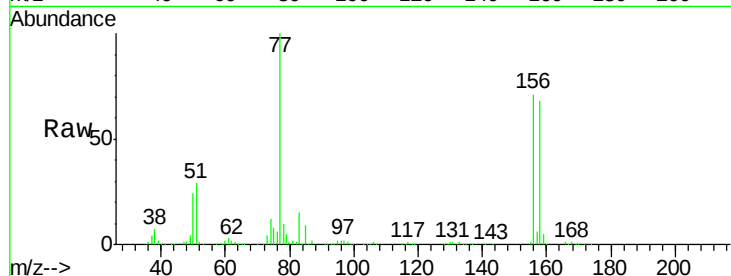
Tot Ion:156 Resp: 91326

Ion Ratio Lower Upper

156 100

77 140.7 71.4 214.2

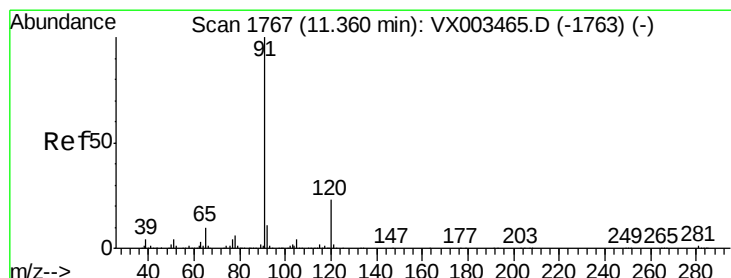
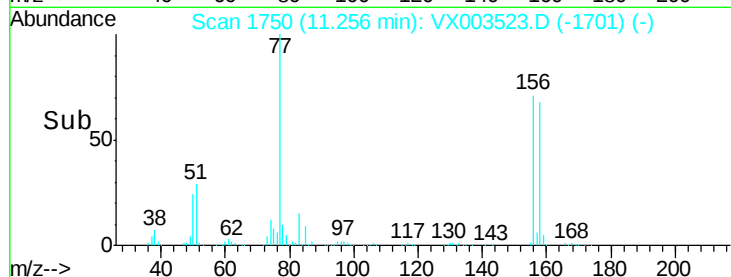
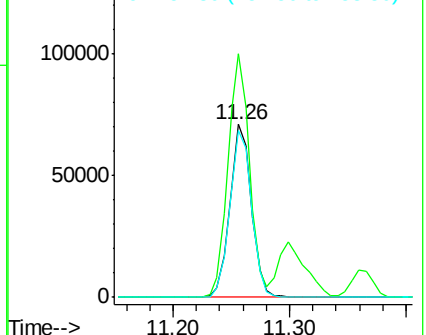
158 97.5 48.9 146.6



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: 20.84 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003523.D

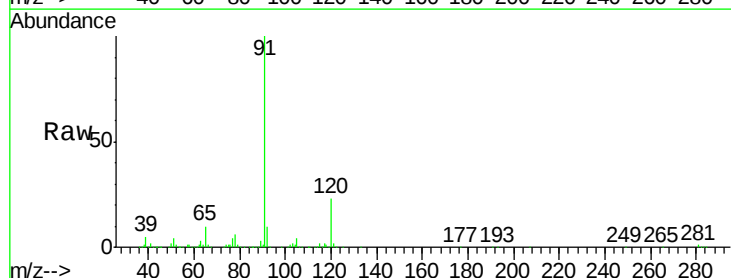
Acq: 20 Jul 2018 22:17

Tgt Ion: 91 Resp: 371688

Ion Ratio Lower Upper

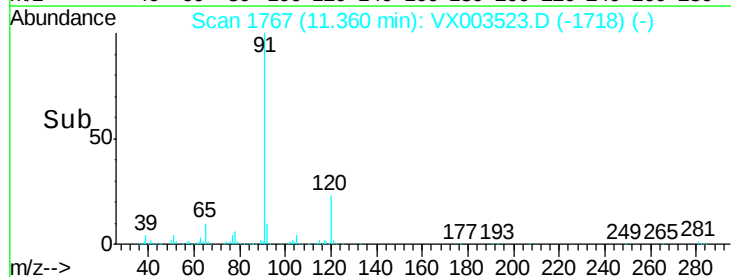
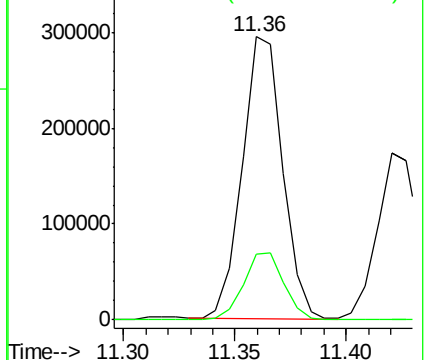
91 100

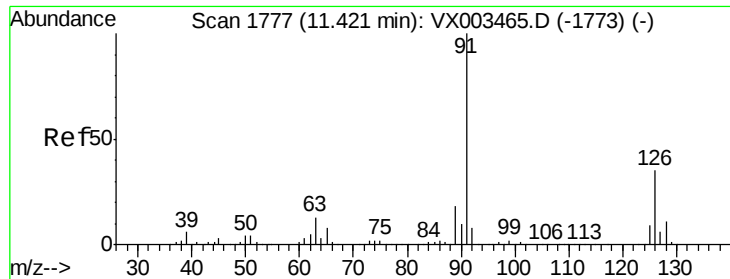
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.54 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

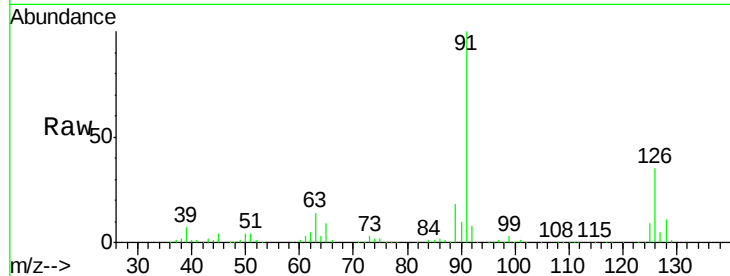
VX0720WBSD03

Tot Ion: 91 Resp: 222414

Ion Ratio Lower Upper

91 100

126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX003465.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003465.D (-1773) (-)

300000

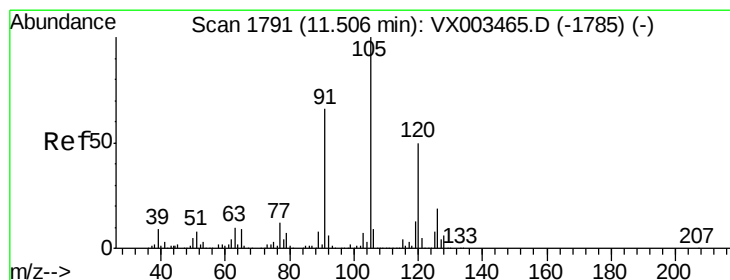
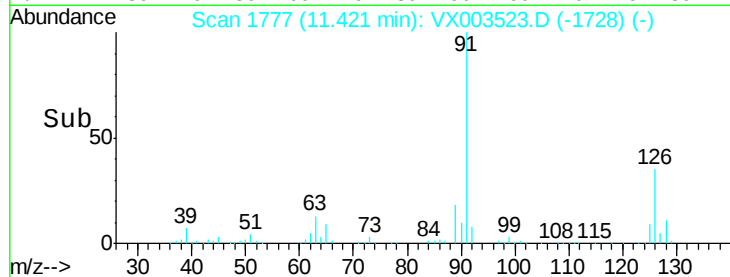
200000

100000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.81 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003523.D

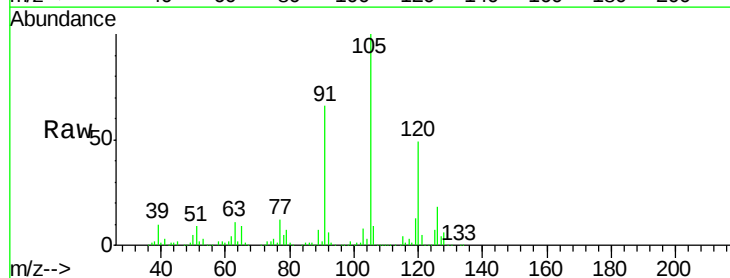
Acq: 20 Jul 2018 22:17

Tgt Ion: 105 Resp: 274383

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003465.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003465.D (-1785) (-)

250000

200000

150000

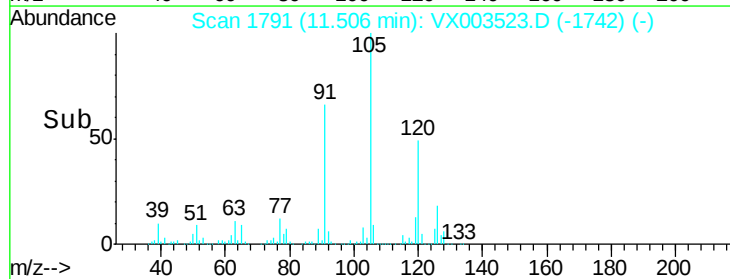
100000

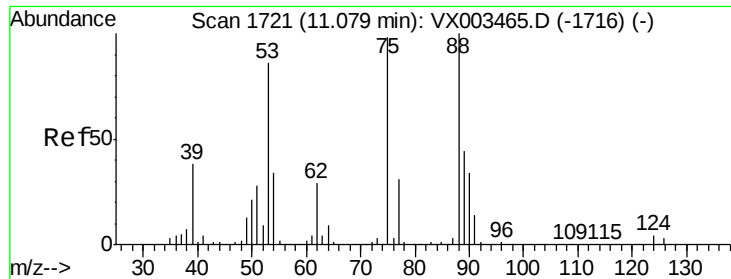
50000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.03 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

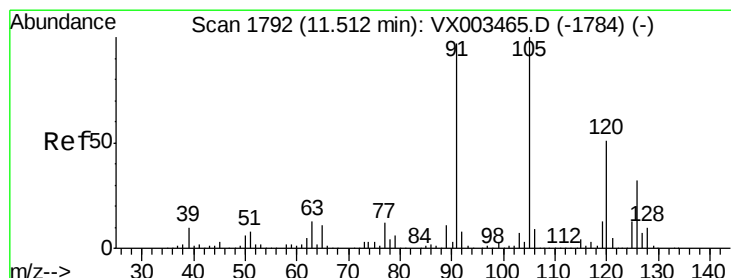
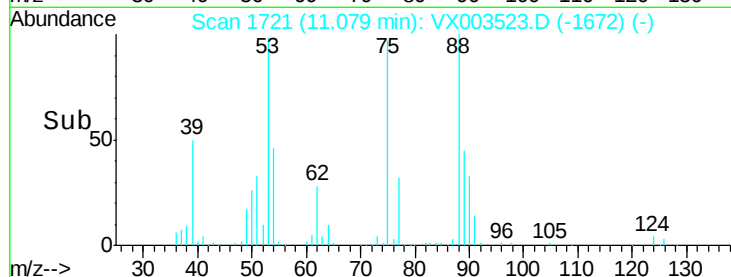
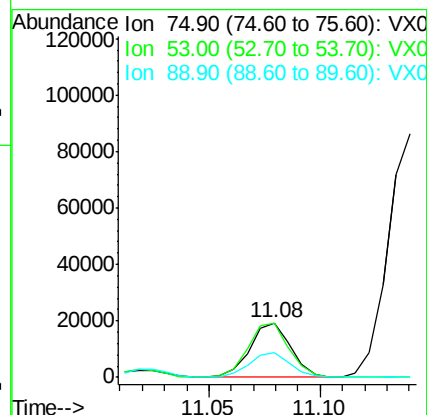
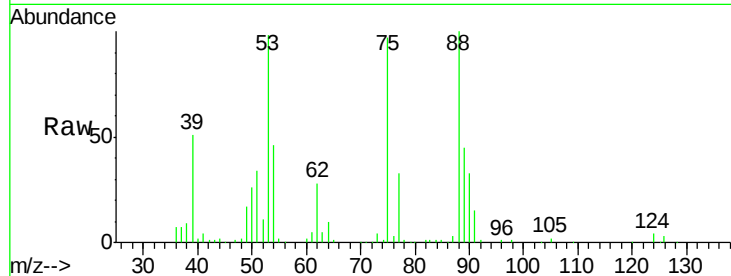
Tot Ion: 75 Resp: 24119

Ion Ratio Lower Upper

75 100

53 102.5 86.8 130.2

89 46.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003523.D

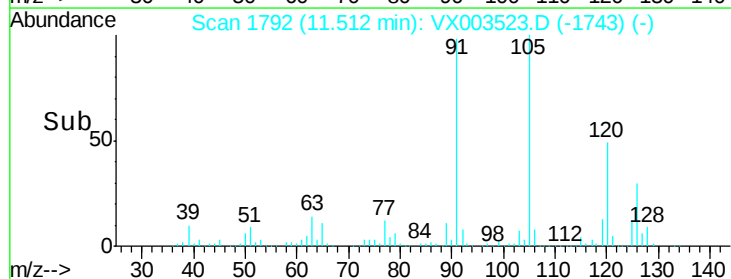
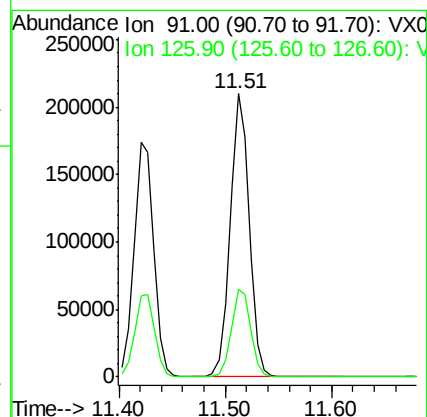
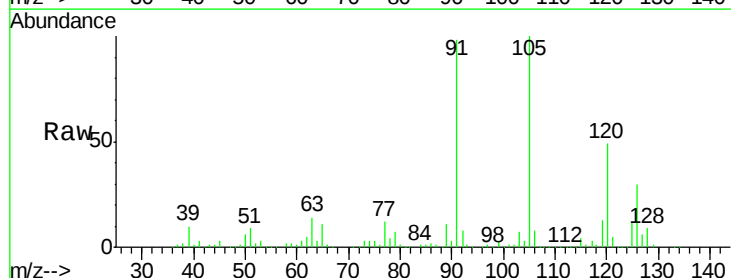
Acq: 20 Jul 2018 22:17

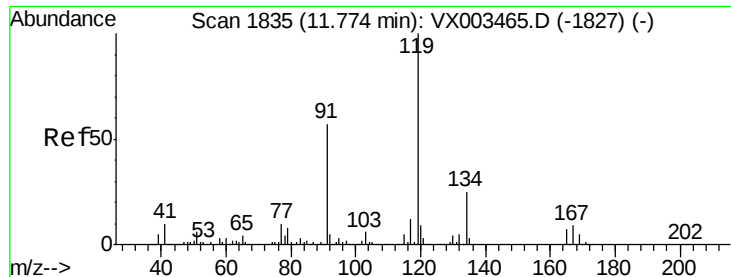
Tgt Ion: 91 Resp: 262317

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.4

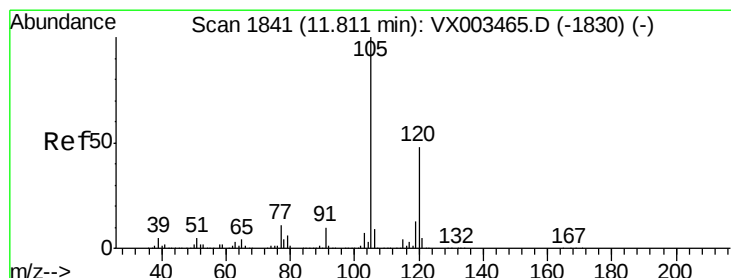
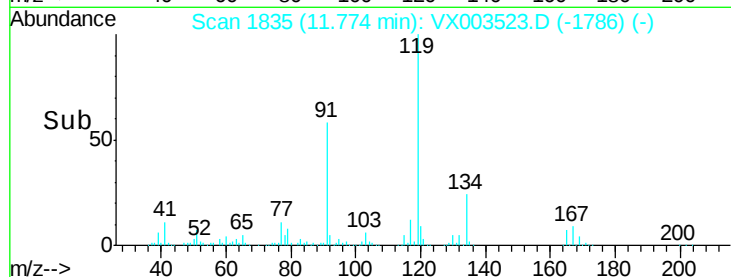
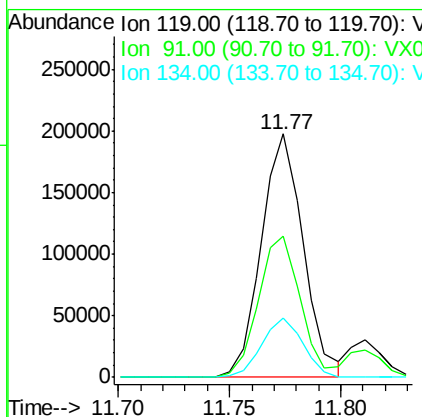
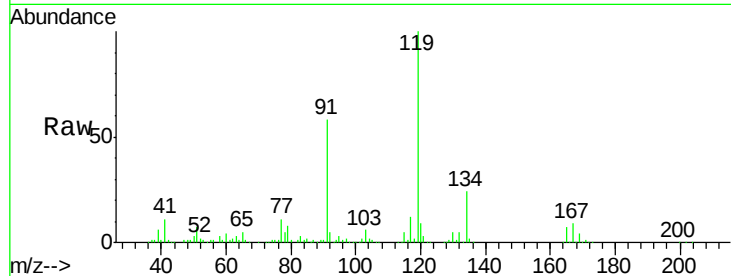




#83
tert-Butylbenzene
Concen: 20.07 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

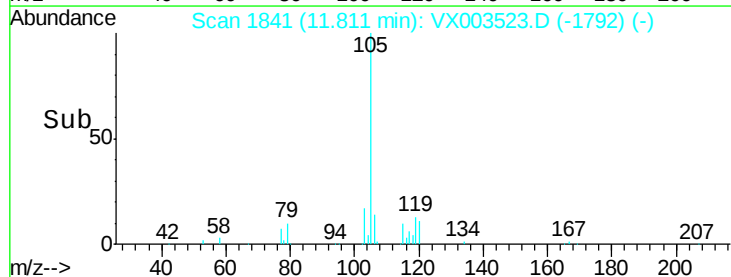
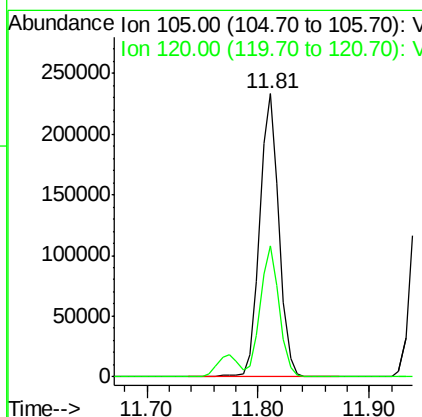
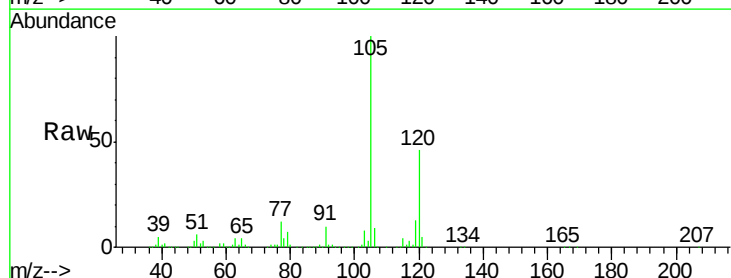
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

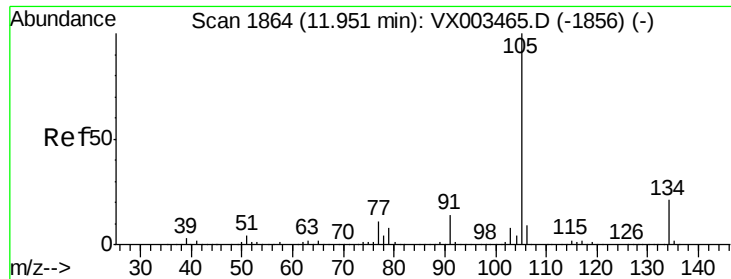
Tot Ion:119 Resp: 259139
Ion Ratio Lower Upper
119 100
91 57.3 30.3 90.9
134 24.0 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.00 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion:105 Resp: 281688
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.52 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

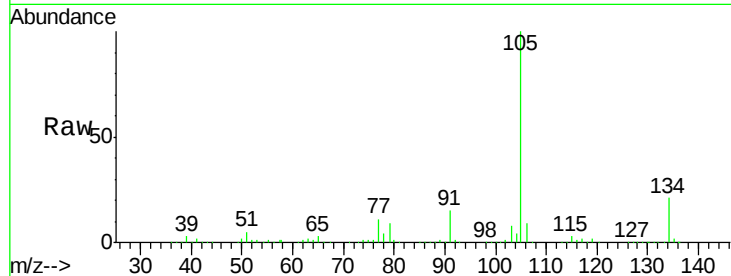
VX0720WBSD03

Tot Ion:105 Resp: 321767

Ion Ratio Lower Upper

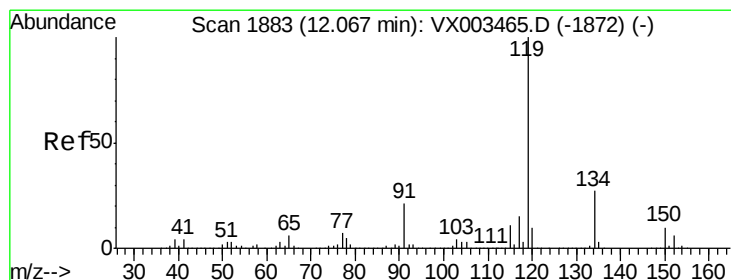
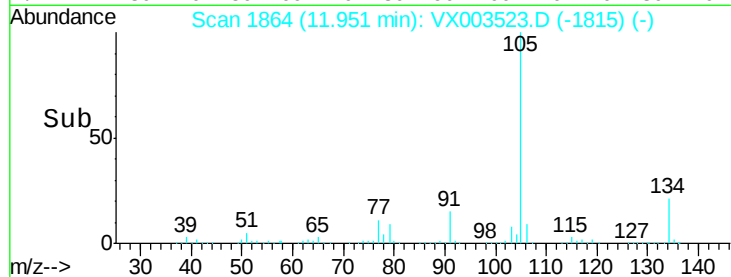
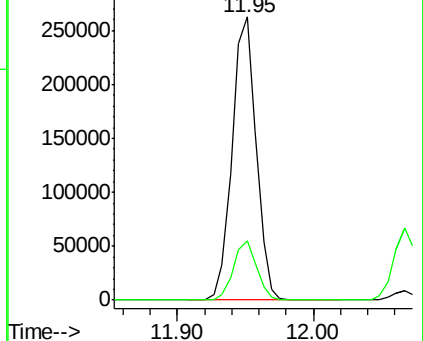
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.48 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

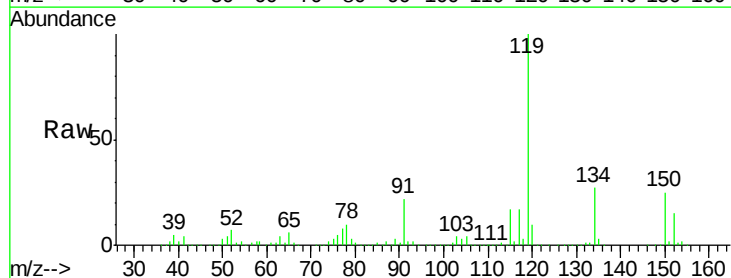
Tgt Ion:119 Resp: 288242

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

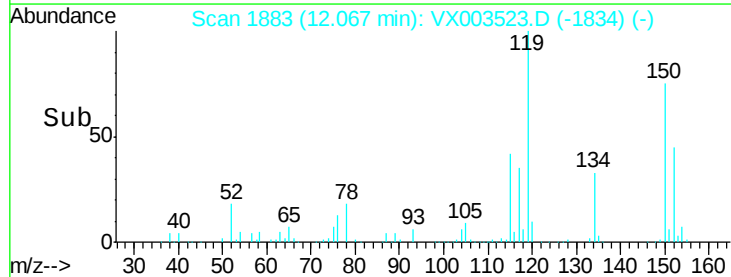
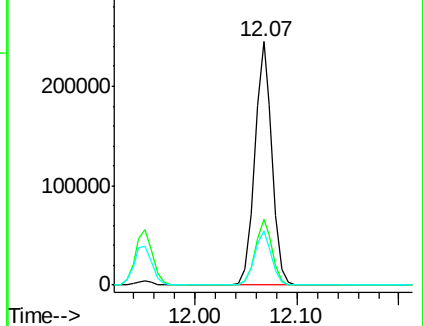
91 22.2 11.9 35.7

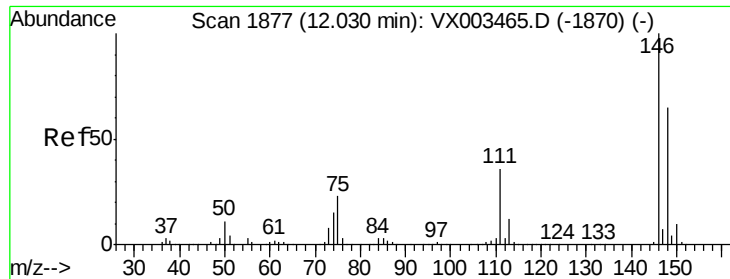


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

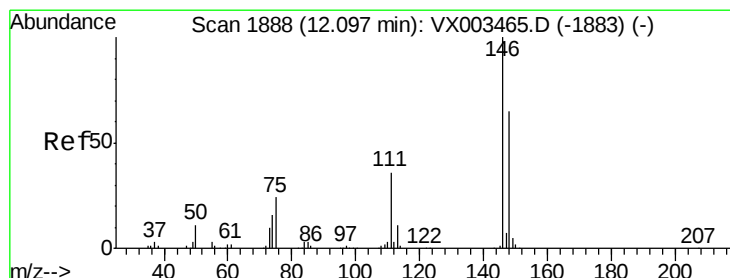
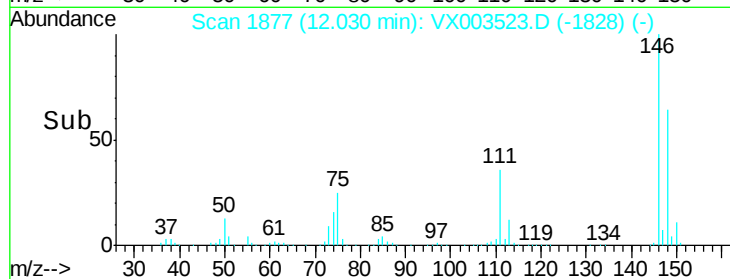
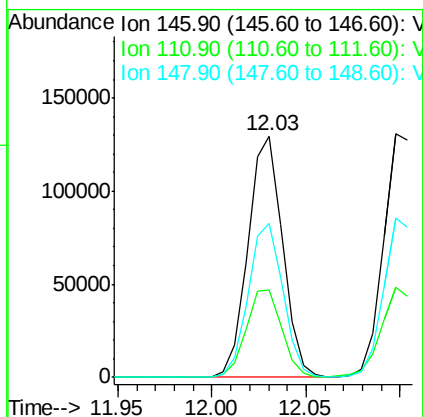
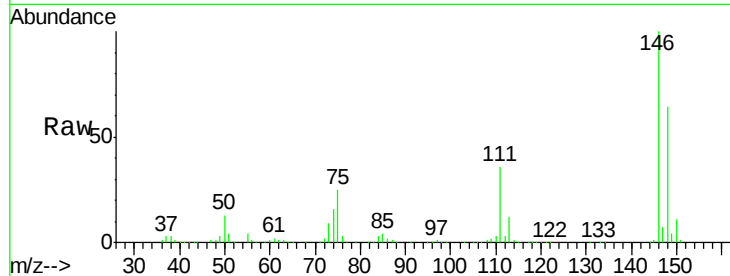




#87
 1,3-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

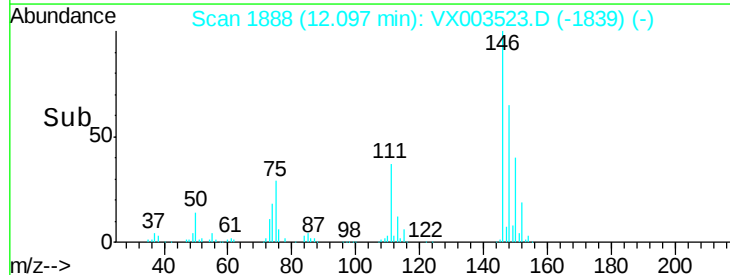
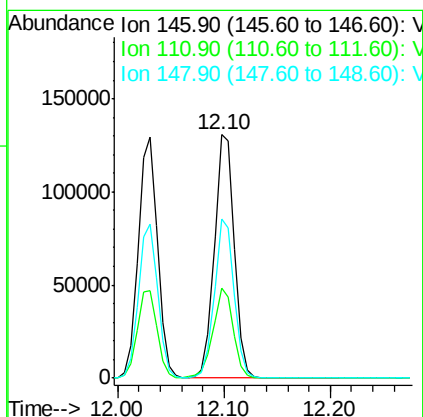
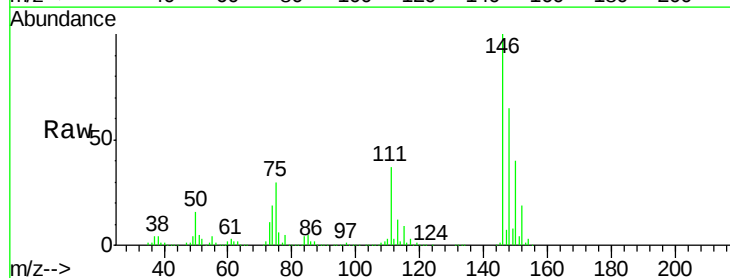
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

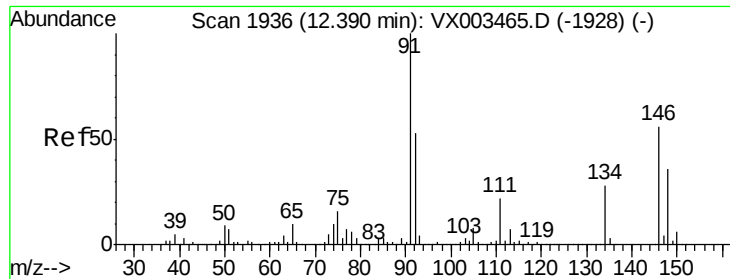
Tot Ion:146 Resp: 164710
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.26 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion:146 Resp: 168270
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 19.61 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

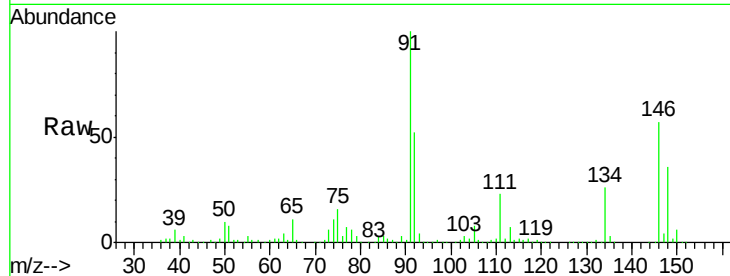
Tot Ion: 91 Resp: 234392

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

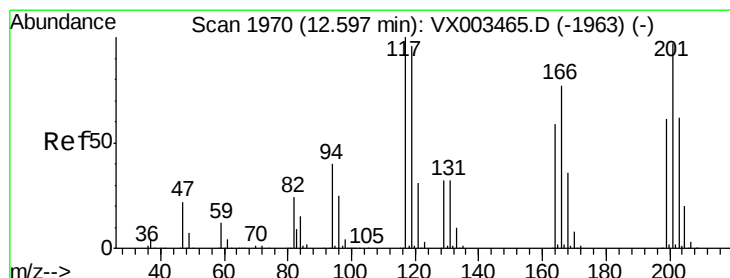
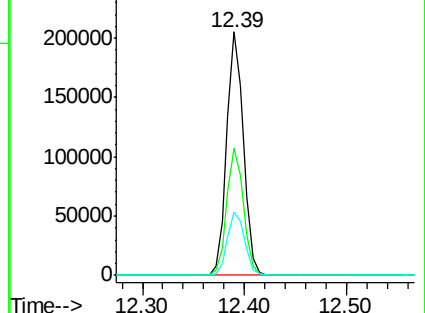
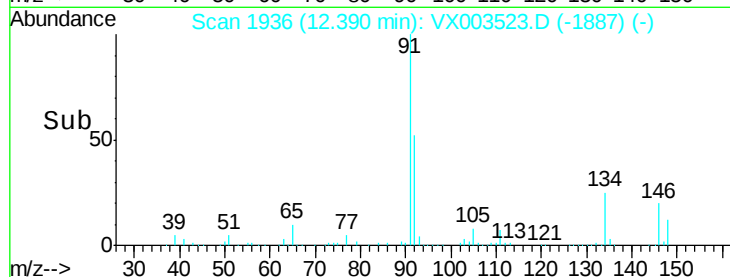
134 26.8 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.99 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003523.D

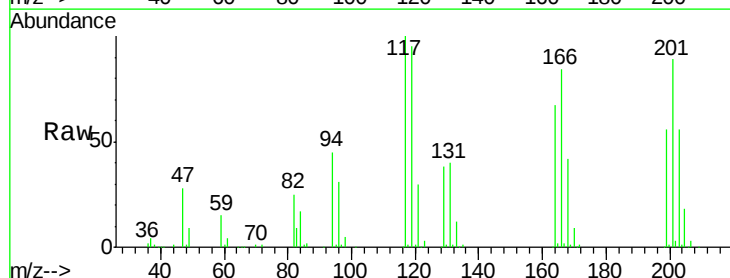
Acq: 20 Jul 2018 22:17

Tgt Ion: 117 Resp: 37998

Ion Ratio Lower Upper

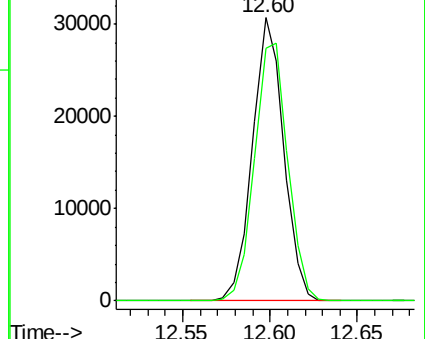
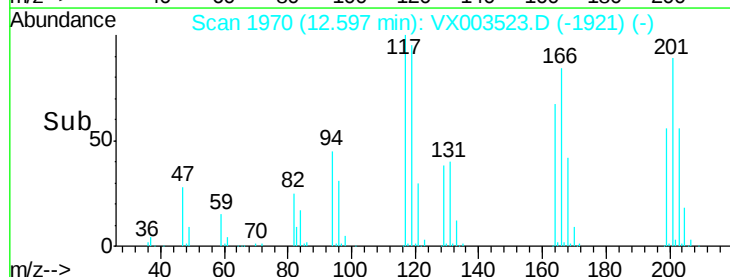
117 100

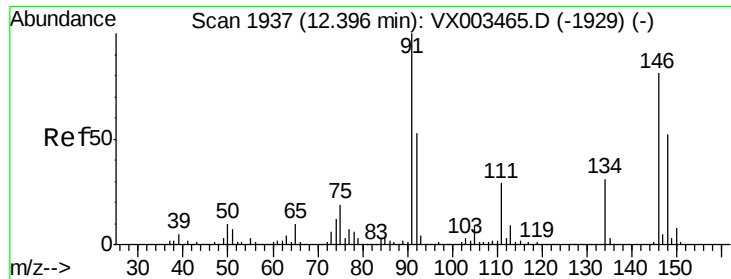
201 97.2 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.95 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

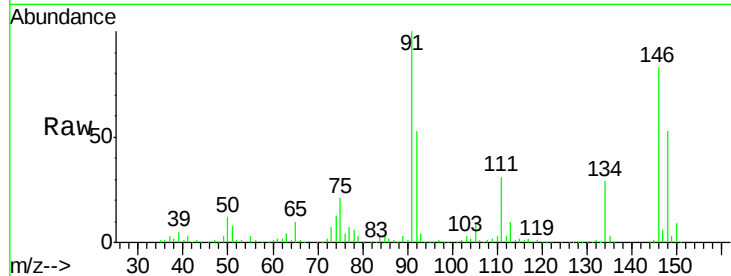
Tot Ion:146 Resp: 166802

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

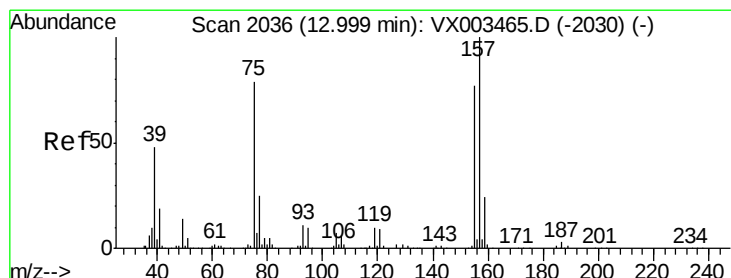
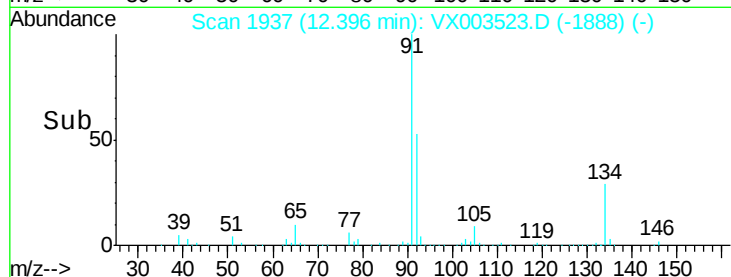
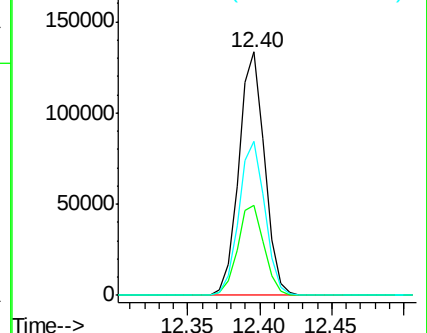
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.81 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

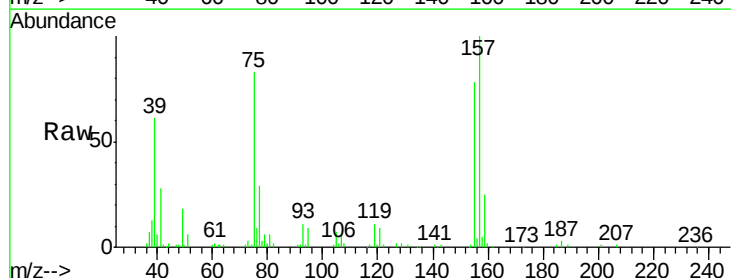
Tgt Ion: 75 Resp: 19043

Ion Ratio Lower Upper

75 100

155 98.8 45.8 137.4

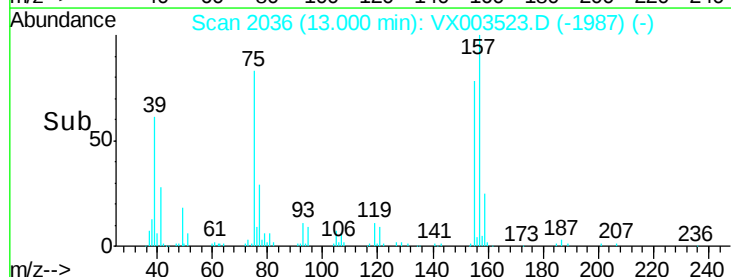
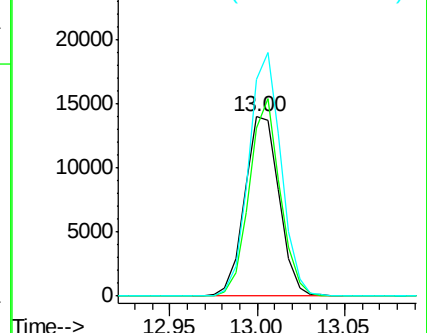
157 127.6 60.1 180.3

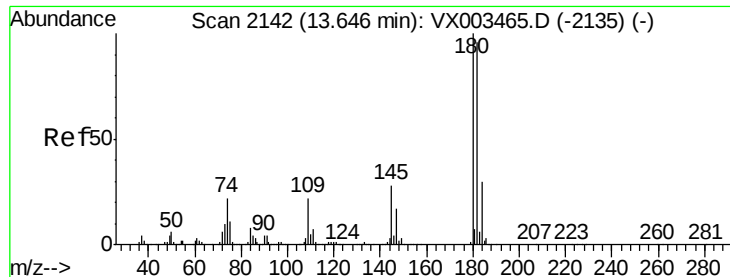


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

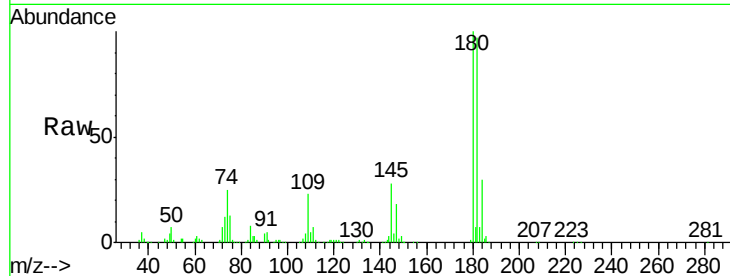




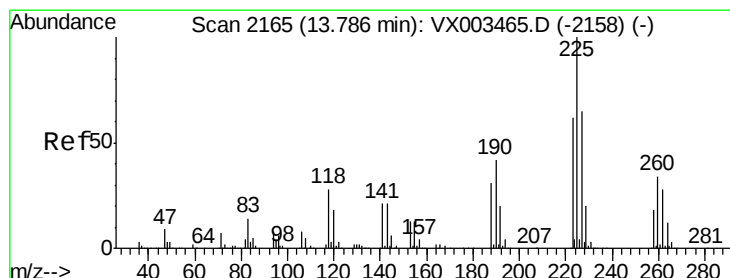
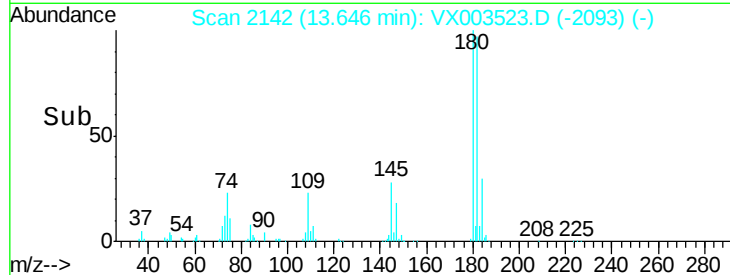
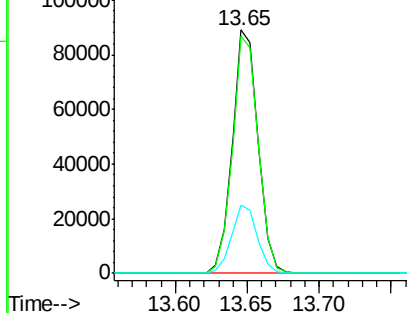
#93
 1,2,4-Trichlorobenzene
 Concen: 18.18 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tot Ion:180 Resp: 111384
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.7 143.1
 145 28.1 14.1 42.4

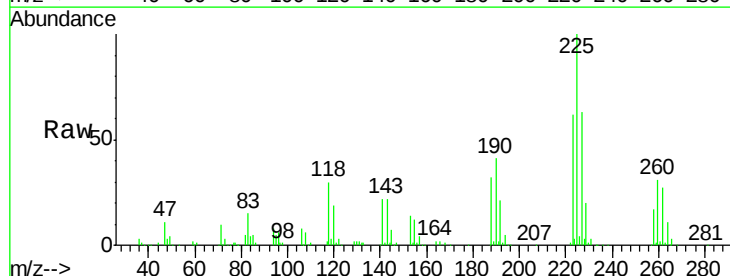


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

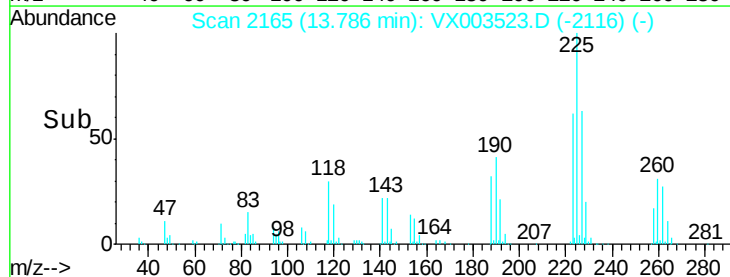
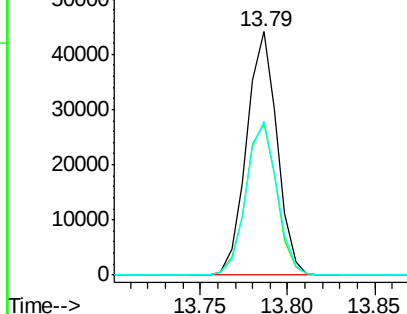


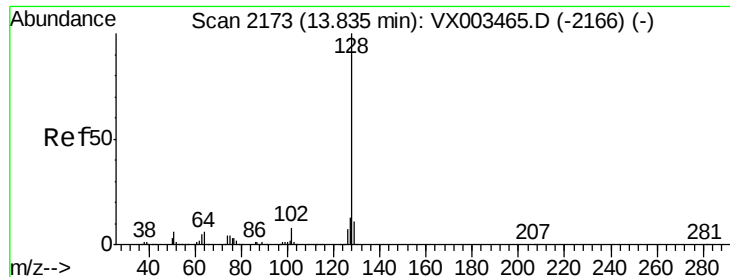
#94
 Hexachlorobutadiene
 Concen: 18.05 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion:225 Resp: 53179
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 63.9 32.4 97.2



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

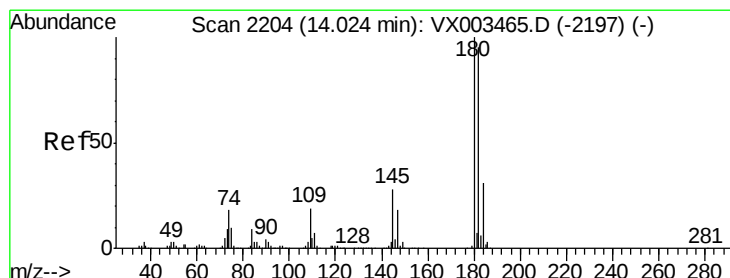
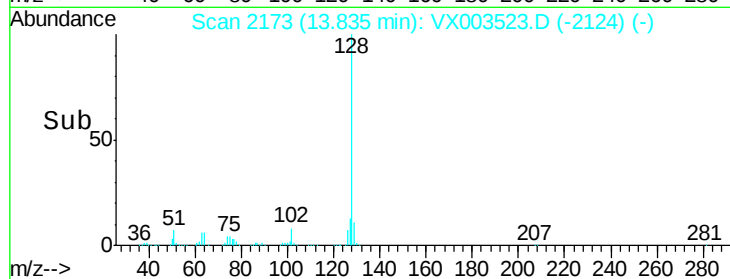
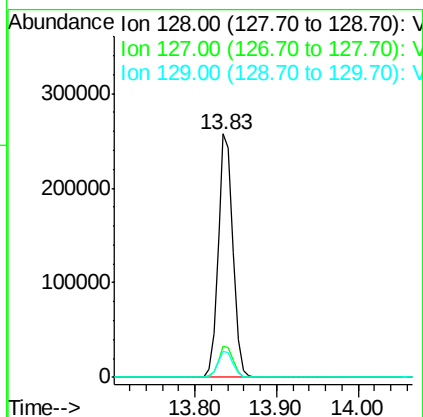
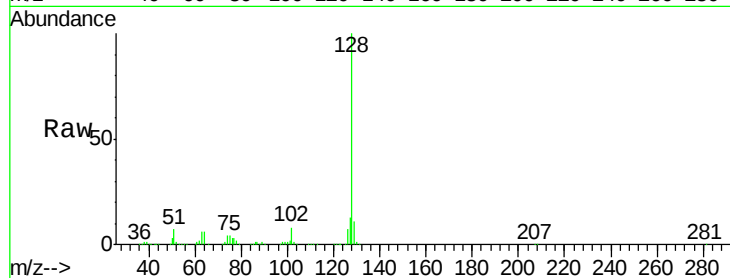




#95
Naphthalene
Concen: 20.36 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tot Ion:128 Resp: 327735
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.21 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion:180 Resp: 116503
Ion Ratio Lower Upper
180 100
182 96.3 48.0 144.0
145 30.0 14.8 44.3

