

Data File : VX000891.D

Acq On : 15 Apr 2018 12:48

Operator : JC/MD

Sample : VX0415WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Quant Time: Apr 16 07:36:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152425	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	128059	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.72	98	473255	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	191045	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56268	20.21	ug/l	99
3) Chloromethane	1.32	50	45840	19.20	ug/l	98
4) Vinyl Chloride	1.40	62	55659	20.73	ug/l	96
5) Bromomethane	1.65	94	32077	28.26	ug/l	99
6) Chloroethane	1.73	64	34427	21.16	ug/l	98
7) Trichlorofluoromethane	1.93	101	85923	21.21	ug/l	97
8) Diethyl Ether	2.19	74	32035	21.17	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51440	21.54	ug/l	98
10) Methyl Iodide	2.51	142	25009	19.47	ug/l	100
11) Tert butyl alcohol	3.07	59	52807	95.65	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47172	20.84	ug/l	99
13) Acrolein	2.30	56	12471	46.51	ug/l	99
14) Allyl chloride	2.73	41	85998	20.55	ug/l	100
15) Acrylonitrile	3.15	53	128935	109.54	ug/l	100
16) Acetone	2.45	43	113649	105.98	ug/l	100
17) Carbon Disulfide	2.57	76	117903	17.20	ug/l	100
18) Methyl Acetate	2.78	43	66091	23.82	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	163891	21.74	ug/l	97
20) Methylene Chloride	2.86	84	52380	21.00	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	50547	20.25	ug/l	100
22) Diisopropyl ether	3.88	45	171596	22.31	ug/l	99
23) Vinyl Acetate	3.83	43	730674	108.19	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92274	21.38	ug/l	98
25) 2-Butanone	4.71	43	185227	104.60	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84693	19.77	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60441	21.34	ug/l	99
28) Bromochloromethane	5.03	49	36002	20.71	ug/l	97
29) Tetrahydrofuran	5.17	42	118533	105.42	ug/l	99
30) Chloroform	5.23	83	98717	21.60	ug/l	99
31) Cyclohexane	5.59	56	83760	20.43	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	89900	20.65	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74212	19.98	ug/l	99
37) Ethyl Acetate	4.87	43	73719	20.33	ug/l	100
38) Carbon Tetrachloride	5.79	117	78005	18.76	ug/l	99

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Operator : JC/MD

Sample : VX0415WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Quant Time: Apr 16 07:36:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87213	19.55	ug/l	98
40) Benzene	6.15	78	216331	20.96	ug/l	100
41) Methacrylonitrile	5.07	41	43259	20.65	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81300	21.09	ug/l	99
43) Isopropyl Acetate	6.47	43	122392	19.69	ug/l	100
44) Trichloroethene	7.22	130	65535	20.42	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55540	21.13	ug/l	98
46) Dibromomethane	7.67	93	37200	20.30	ug/l	99
47) Bromodichloromethane	7.91	83	72120	19.50	ug/l	100
48) Methyl methacrylate	7.79	41	65434	20.30	ug/l	99
49) 1,4-Dioxane	7.76	88	23405	361.38	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	382486	104.73	ug/l	100
52) Toluene	8.79	92	141655	20.69	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88021	19.84	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	82301	19.05	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	57152	21.02	ug/l	99
56) Ethyl methacrylate	9.19	69	84792	20.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	93123	21.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	206340	105.31	ug/l	100
59) 2-Hexanone	9.51	43	292776	103.84	ug/l	100
60) Dibromochloromethane	9.59	129	61653	18.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60260	20.89	ug/l	100
64) Tetrachloroethene	9.34	164	67903	21.67	ug/l	98
65) Chlorobenzene	10.15	112	169250	21.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59497	19.61	ug/l	99
67) Ethyl Benzene	10.26	91	277122	20.62	ug/l	100
68) m/p-Xylenes	10.37	106	217332	40.97	ug/l	99
69) o-Xylene	10.71	106	105105	20.56	ug/l	99
70) Styrene	10.72	104	176409	20.47	ug/l	100
71) Bromoform	10.87	173	49336	17.56	ug/l	100
73) Isopropylbenzene	11.02	105	287382	20.93	ug/l	99
74) N-amyl acetate	6.47	43	122392	19.79	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82883	20.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93282	24.99	ug/l	86
77) Bromobenzene	11.26	156	82935	20.61	ug/l	100
78) n-propylbenzene	11.37	91	322534	20.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	192371	20.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	241728	20.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21392	15.76	ug/l	90
82) 4-Chlorotoluene	11.52	91	228998	20.44	ug/l	100
83) tert-Butylbenzene	11.77	119	246367	20.39	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249807	20.49	ug/l	100
85) sec-Butylbenzene	11.95	105	293393	20.58	ug/l	100
86) p-Isopropyltoluene	12.07	119	271690	20.44	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	155156	20.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156599	20.51	ug/l	99
89) n-Butylbenzene	12.40	91	239329	20.40	ug/l	100
90) Hexachloroethane	12.60	117	38727	17.22	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	149893	20.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17346	17.37	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041518\
Quantitation Report (Not Reviewed)

Data File : VX000891.D
Acq On : 15 Apr 2018 12:48
Operator : JC/MD
Sample : VX0415WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

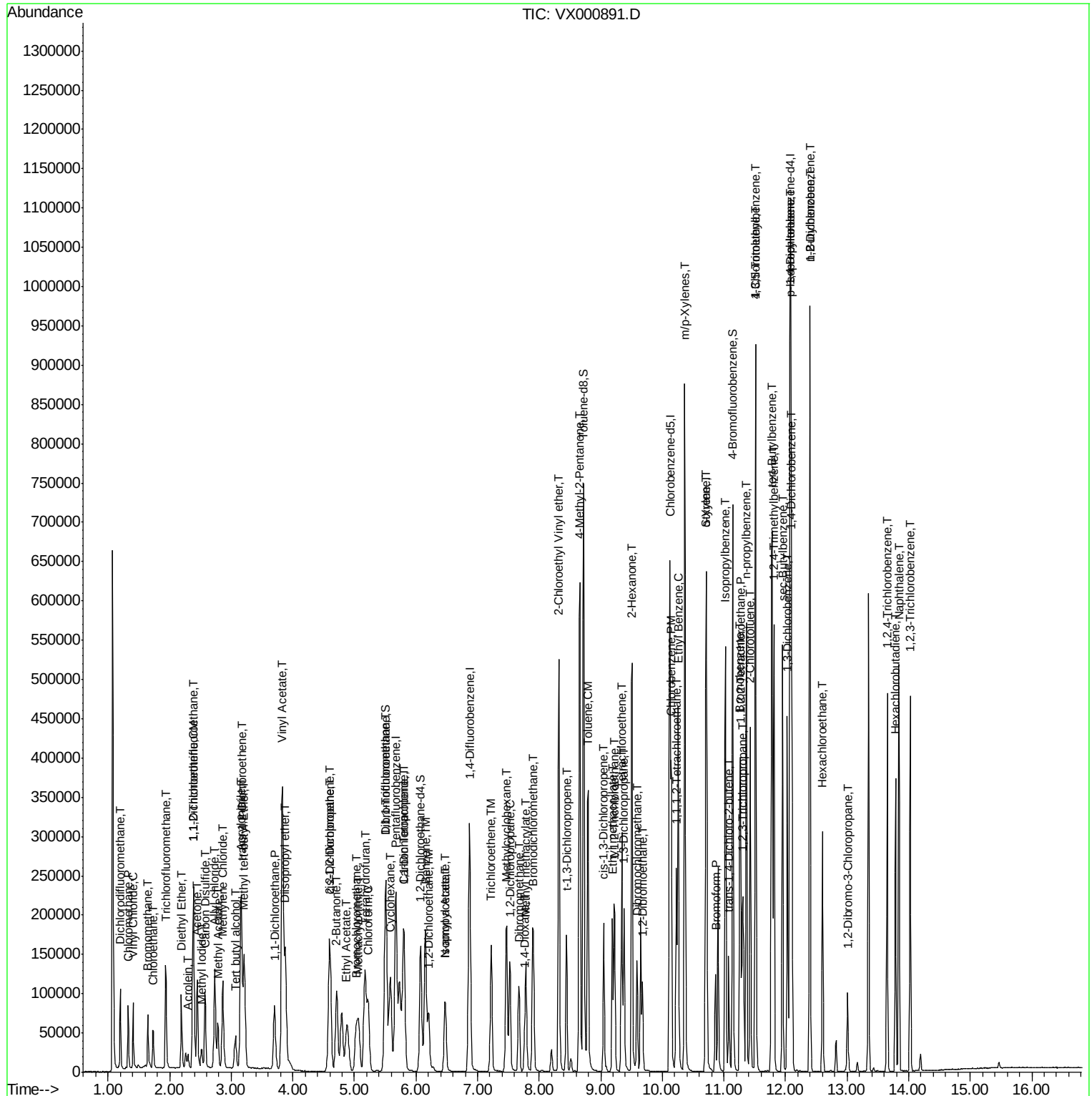
Quant Time: Apr 16 07:36:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

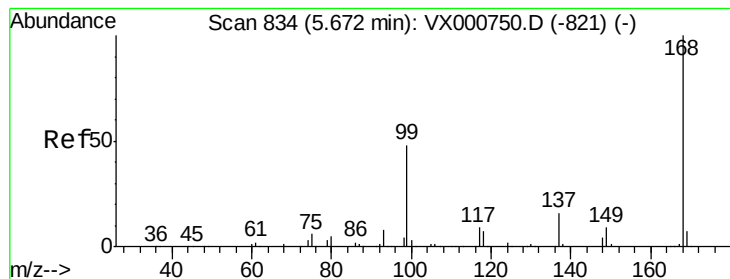
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126218	20.57	ug/l	100
94) Hexachlorobutadiene	13.79	225	62156	20.60	ug/l	99
95) Naphthalene	13.84	128	326195	20.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124622	20.91	ug/l	99

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

ALS Vial : 4 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

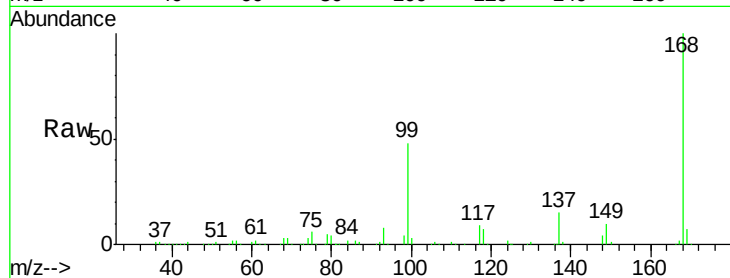
VX0415WBS01

Tgt Ion:168 Resp: 246623

Ion Ratio Lower Upper

168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

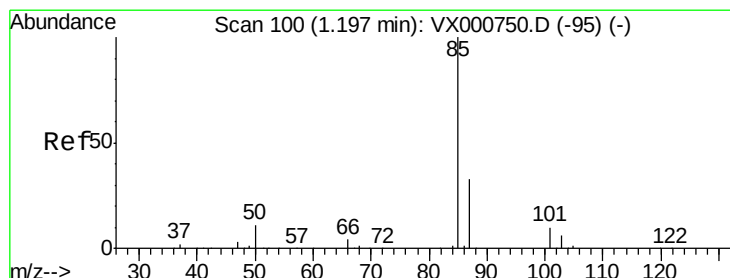
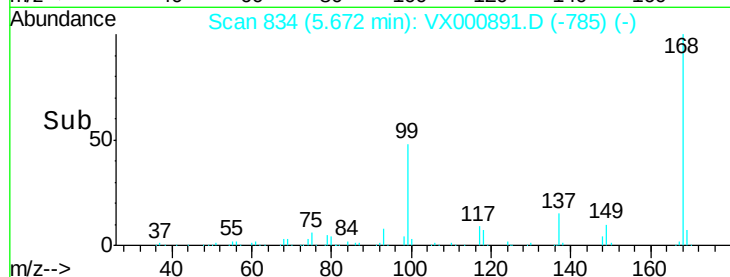
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000891.D

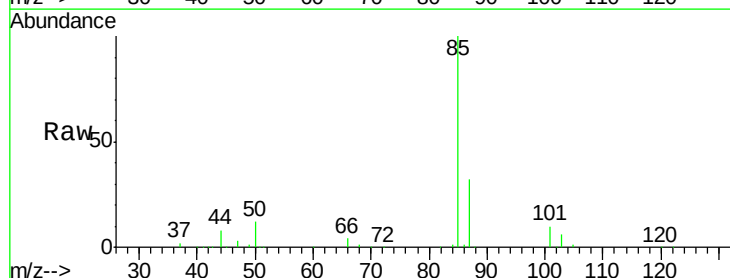
Acq: 15 Apr 2018 12:48

Tgt Ion: 85 Resp: 56268

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

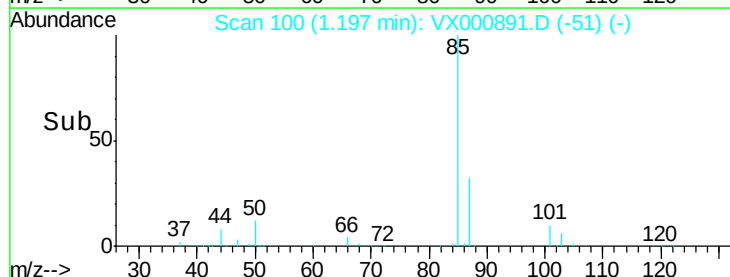
60000

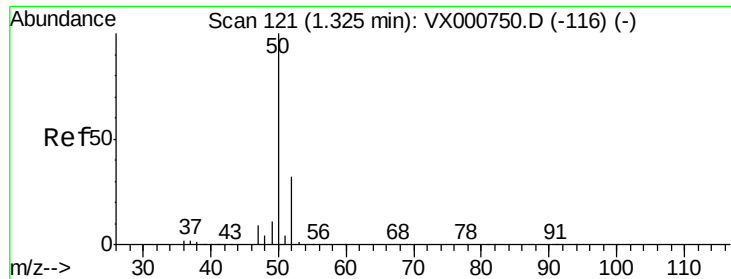
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

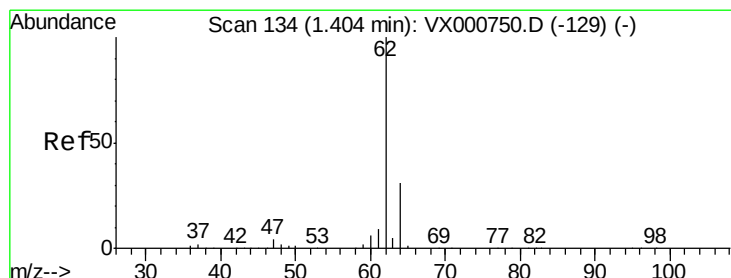
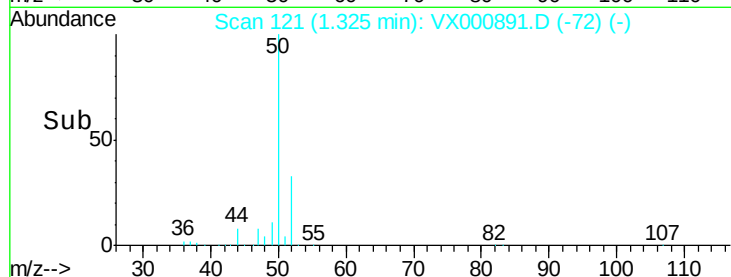
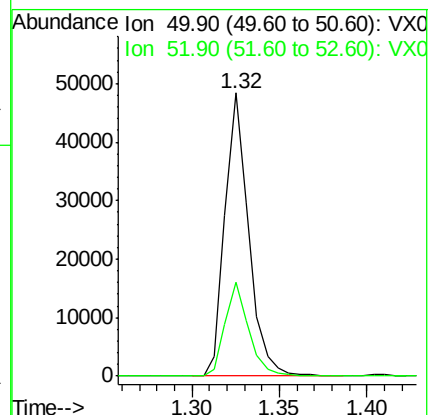
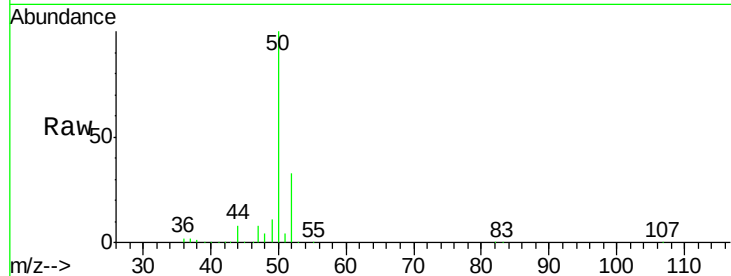
VX0415WBS01

Tgt Ion: 50 Resp: 45840

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.8



#4

Vinyl Chloride

Concen: 20.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000891.D

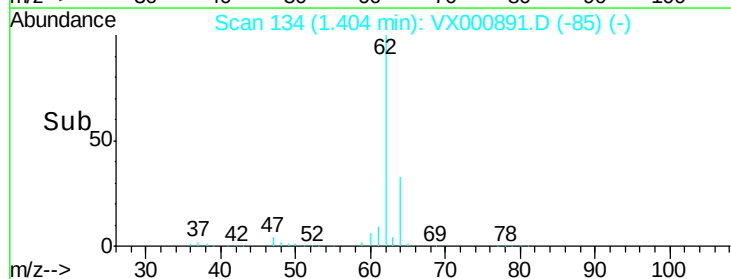
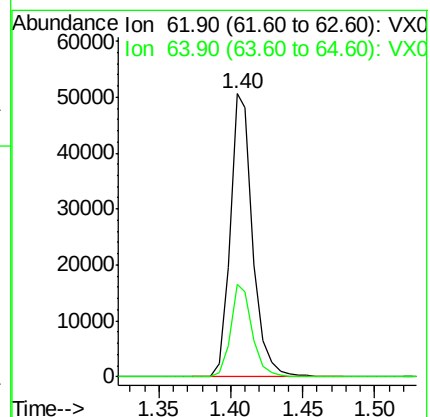
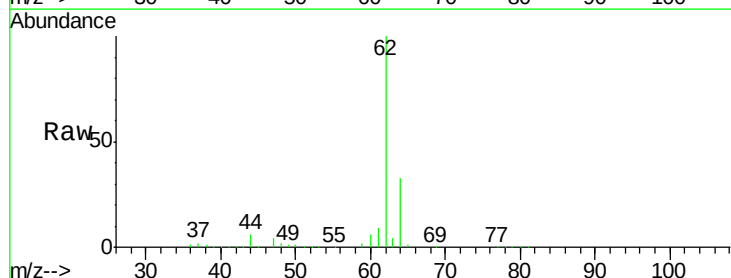
Acq: 15 Apr 2018 12:48

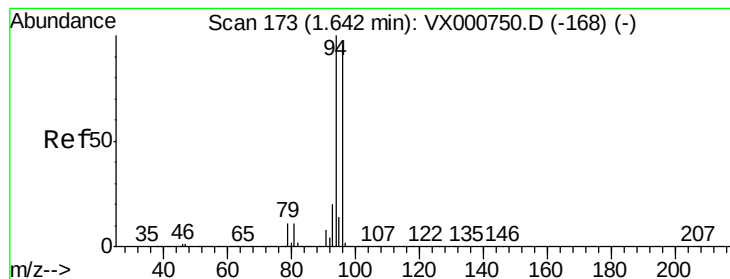
Tgt Ion: 62 Resp: 55659

Ion Ratio Lower Upper

62 100

64 32.7 24.6 36.8





#5

Bromomethane

Concen: 28.26 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

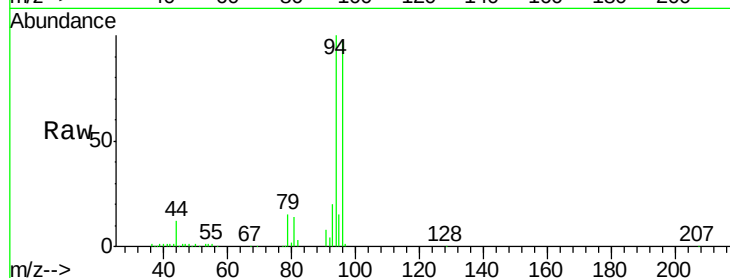
VX0415WBS01

Tgt Ion: 94 Resp: 32077

Ion Ratio Lower Upper

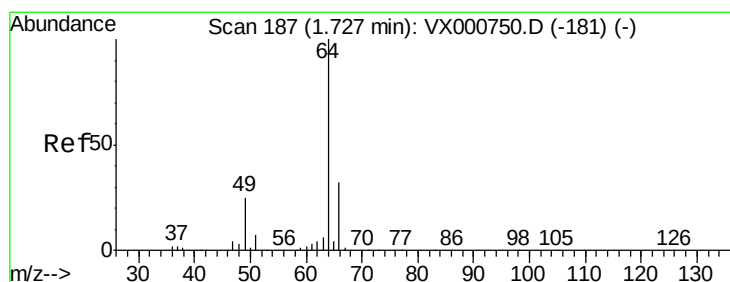
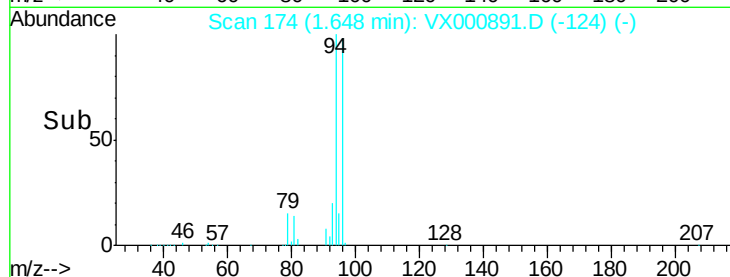
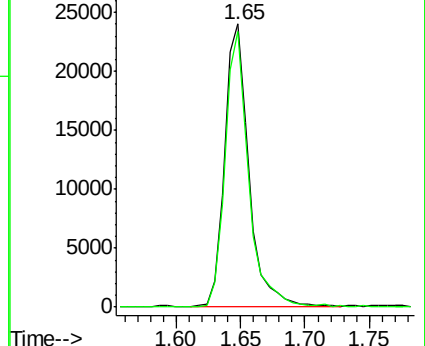
94 100

96 97.1 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.16 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000891.D

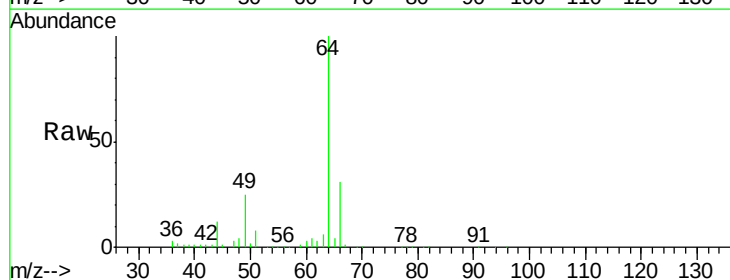
Acq: 15 Apr 2018 12:48

Tgt Ion: 64 Resp: 34427

Ion Ratio Lower Upper

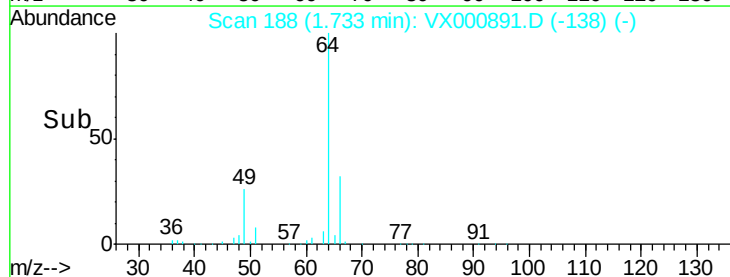
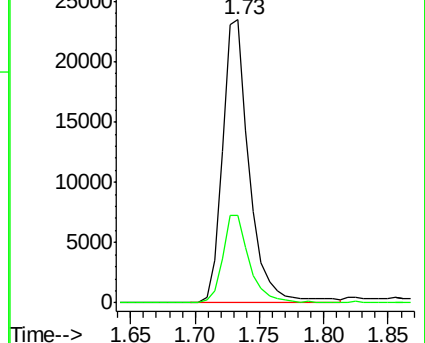
64 100

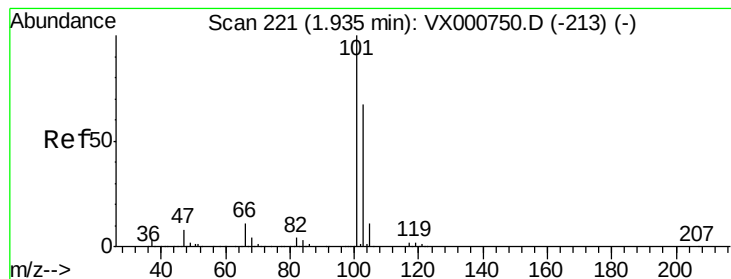
66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 21.21 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

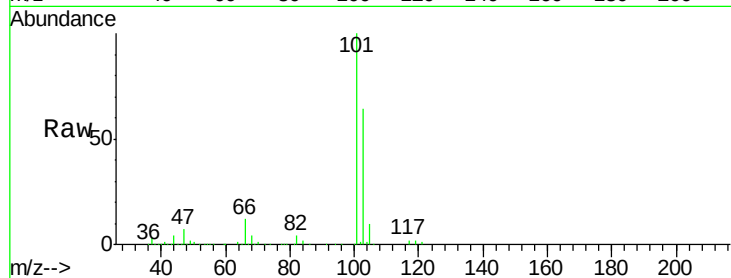
VX0415WBS01

Tgt Ion:101 Resp: 85923

Ion Ratio Lower Upper

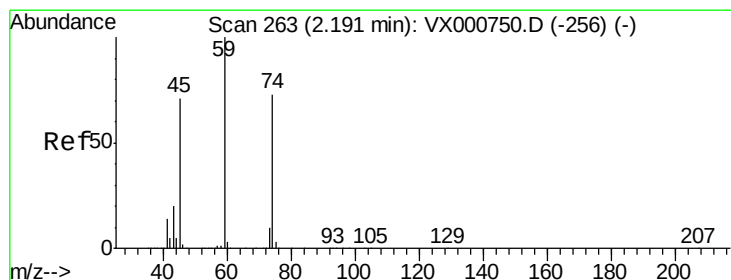
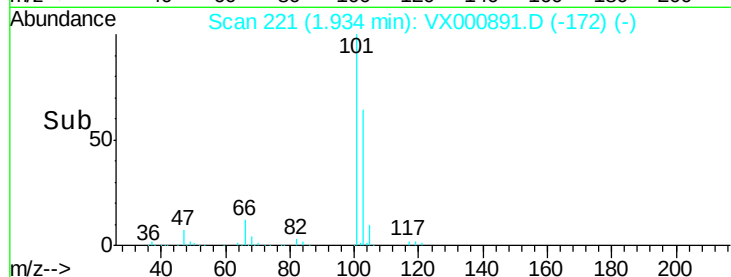
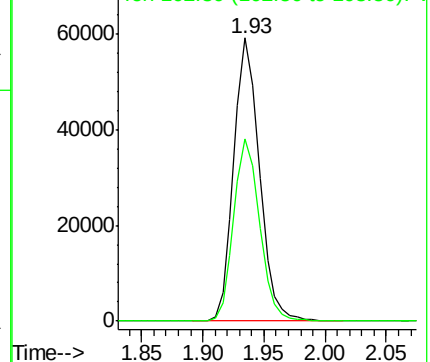
101 100

103 64.3 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.17 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000891.D

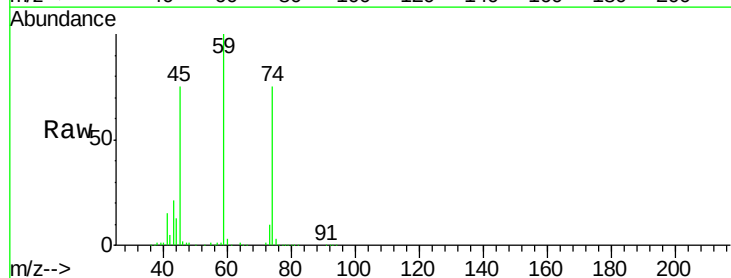
Acq: 15 Apr 2018 12:48

Tgt Ion: 74 Resp: 32035

Ion Ratio Lower Upper

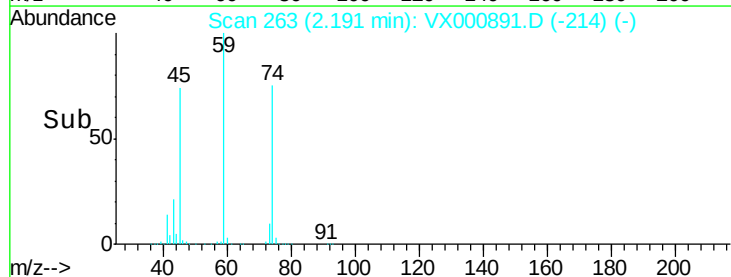
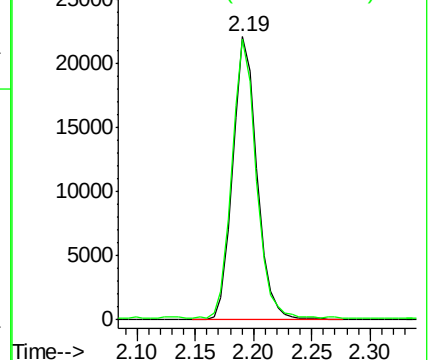
74 100

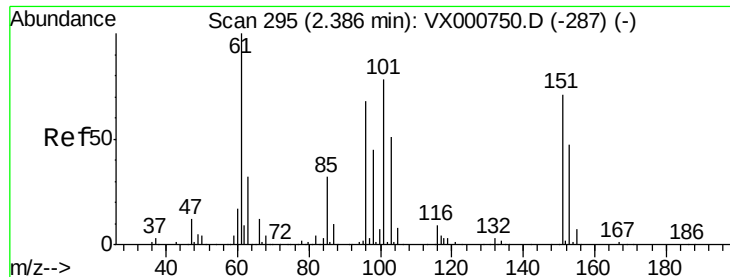
45 99.2 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.54 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

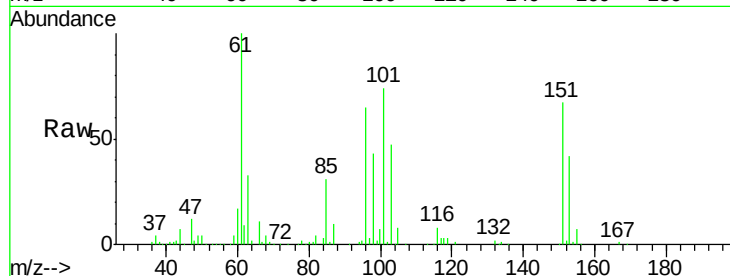
Tgt Ion:101 Resp: 51440

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

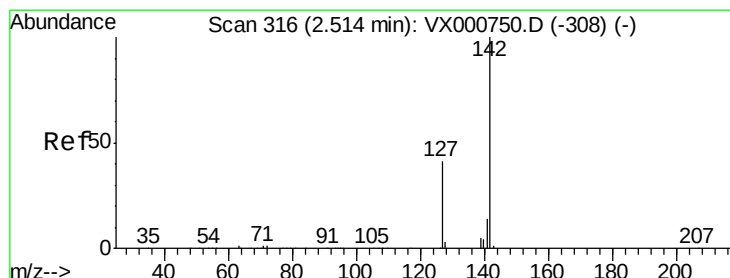
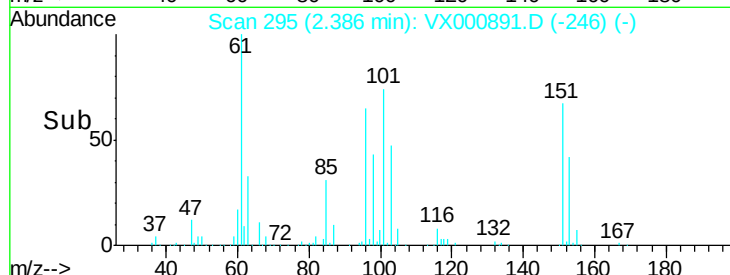
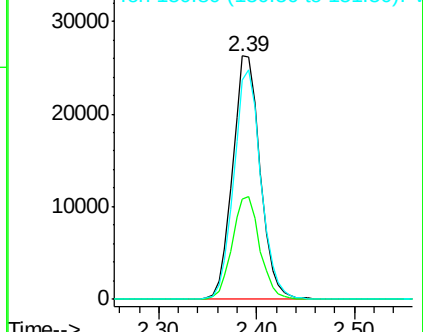
151 92.7 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.47 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

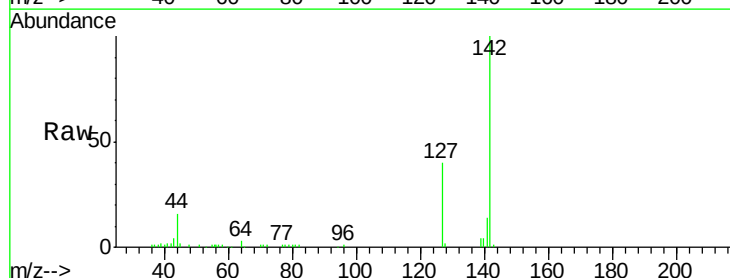
Tgt Ion:142 Resp: 25009

Ion Ratio Lower Upper

142 100

127 40.4 32.6 49.0

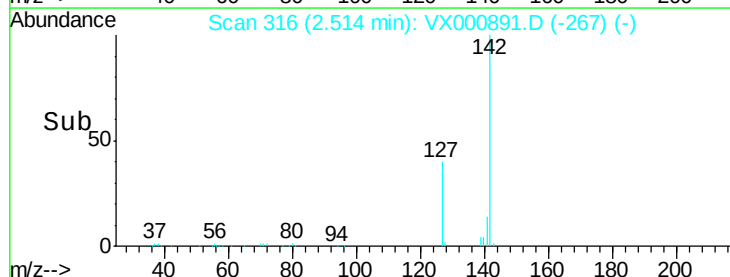
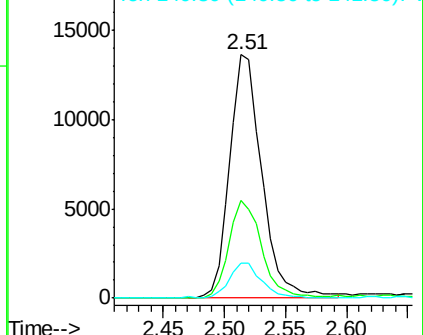
141 14.5 11.5 17.3

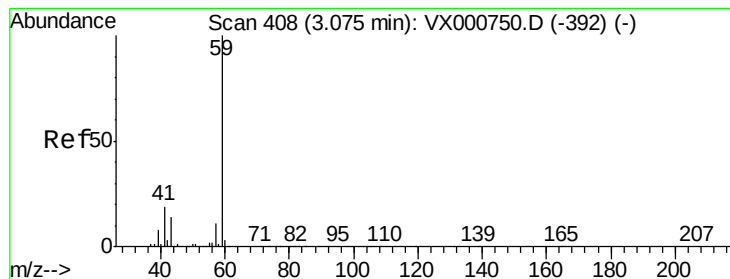


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.65 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

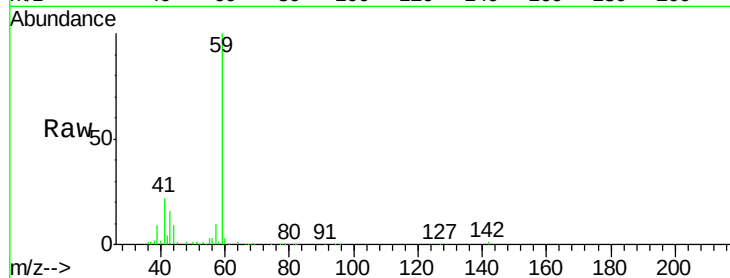
VX0415WBS01

Tgt Ion: 59 Resp: 52807

Ion Ratio Lower Upper

59 100

57 11.3 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

25000

20000

15000

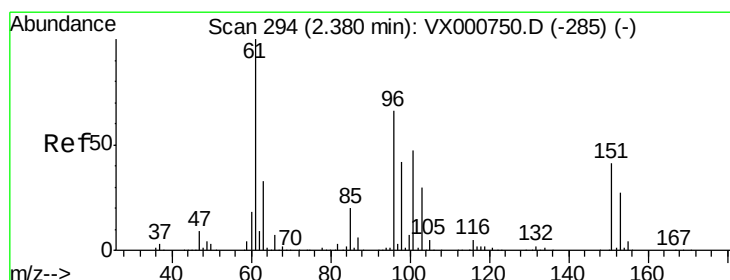
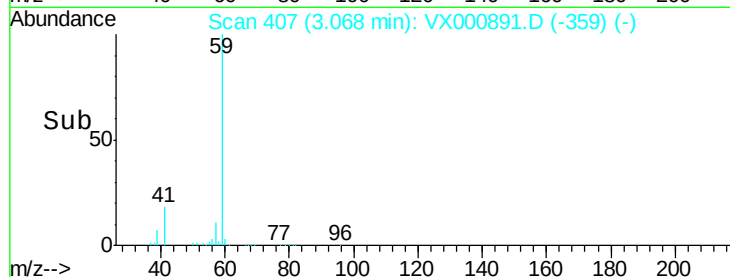
10000

5000

0

Time-->

3.00 3.10



#12

1,1-Dichloroethene

Concen: 20.84 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

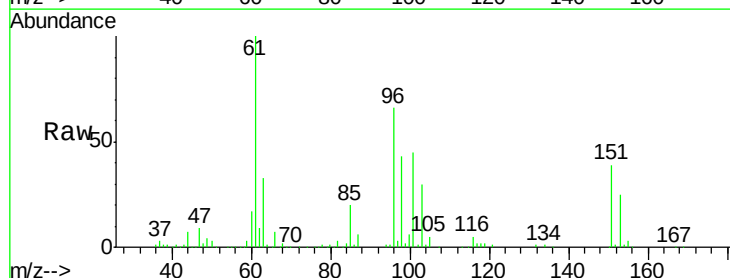
Tgt Ion: 96 Resp: 47172

Ion Ratio Lower Upper

96 100

61 151.2 120.5 180.7

98 64.3 50.9 76.3



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

60000

50000

40000

30000

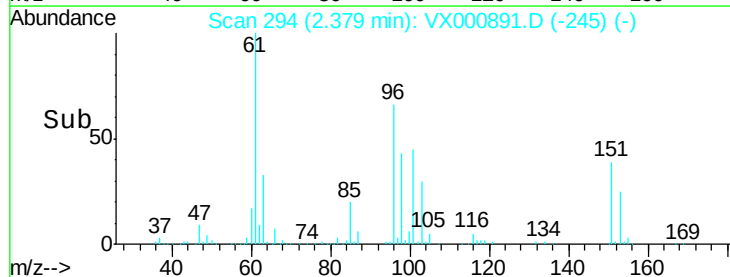
20000

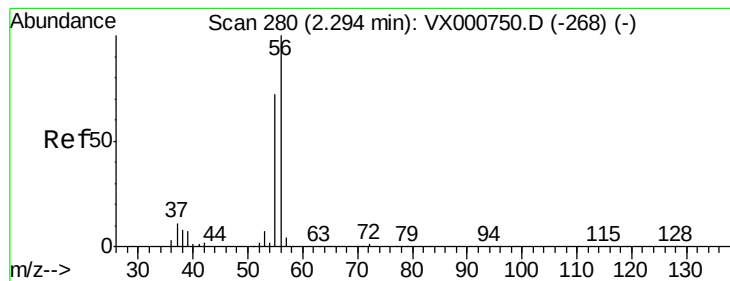
10000

0

Time-->

2.30 2.35 2.40 2.45 2.50





#13

Acrolein

Concen: 46.51 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

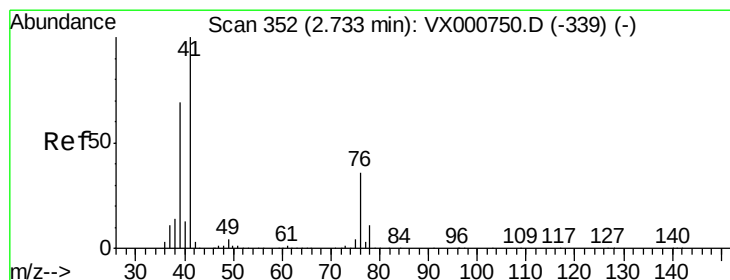
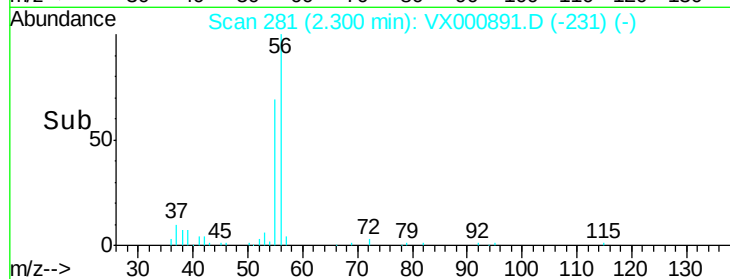
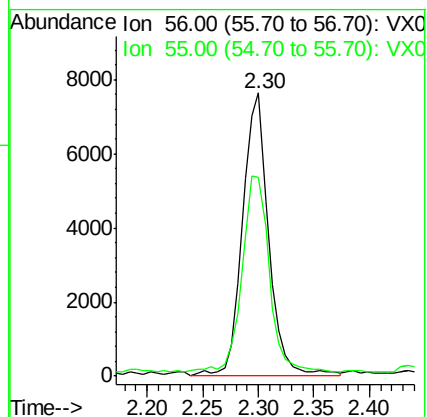
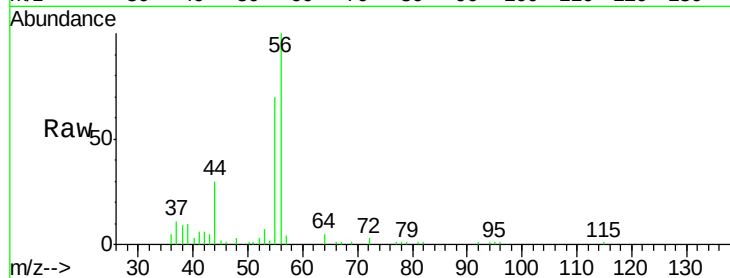
VX0415WBS01

Tgt Ion: 56 Resp: 12471

Ion Ratio Lower Upper

56 100

55 72.4 58.7 88.1



#14

Allyl chloride

Concen: 20.55 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

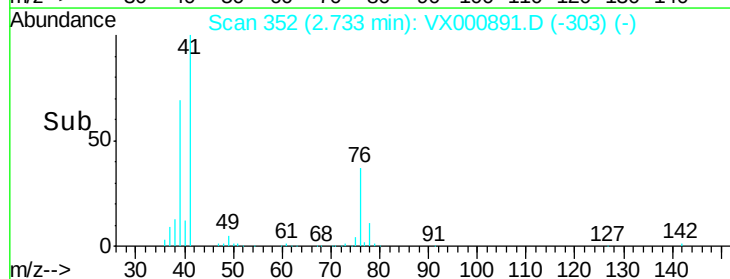
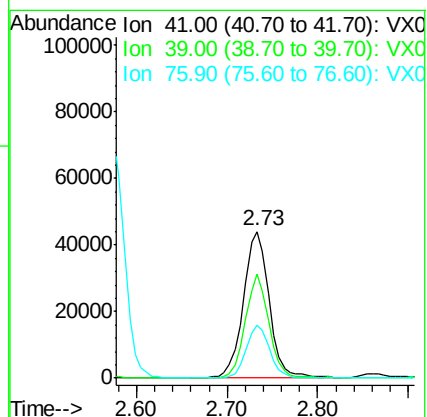
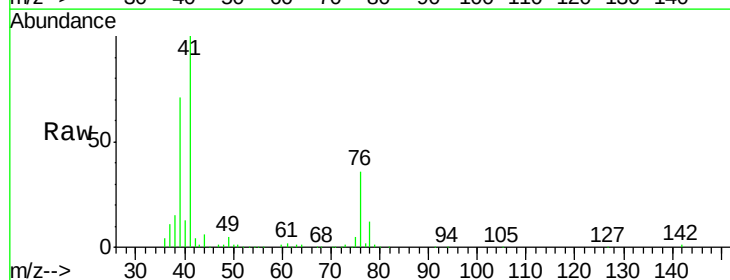
Tgt Ion: 41 Resp: 85998

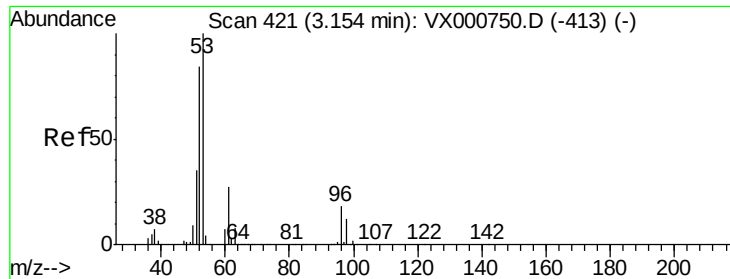
Ion Ratio Lower Upper

41 100

39 64.3 51.5 77.3

76 33.2 26.5 39.7





#15

Acrylonitrile

Concen: 109.54 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

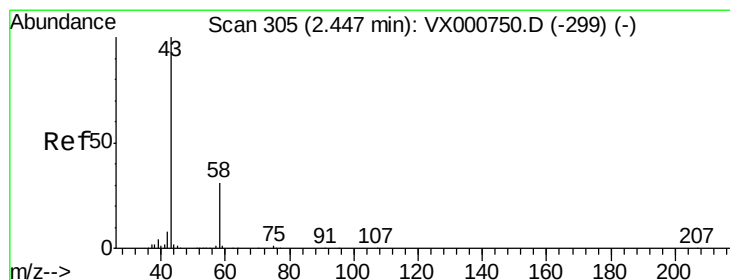
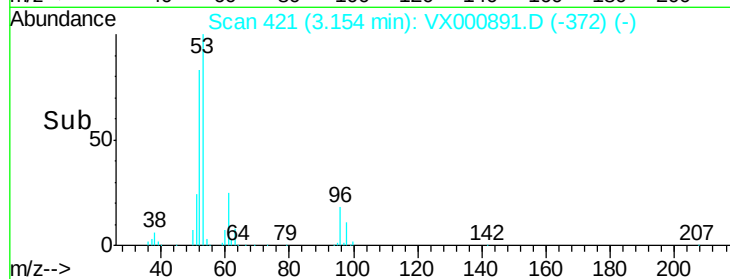
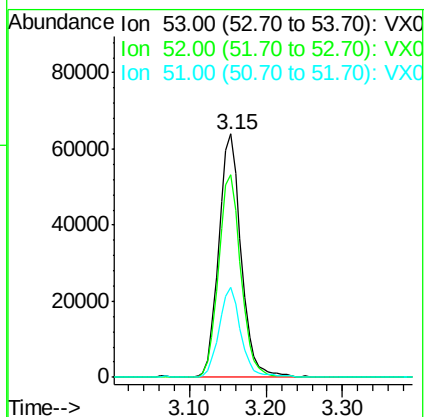
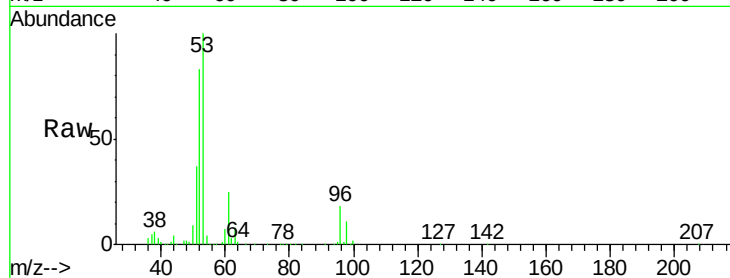
Tgt Ion: 53 Resp: 128935

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 36.2 28.8 43.2



#16

Acetone

Concen: 105.98 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000891.D

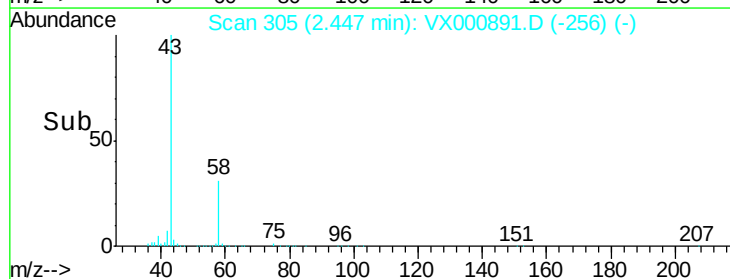
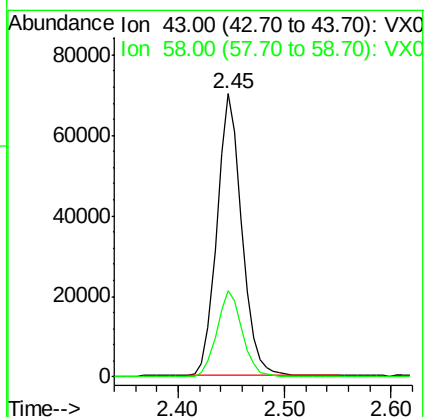
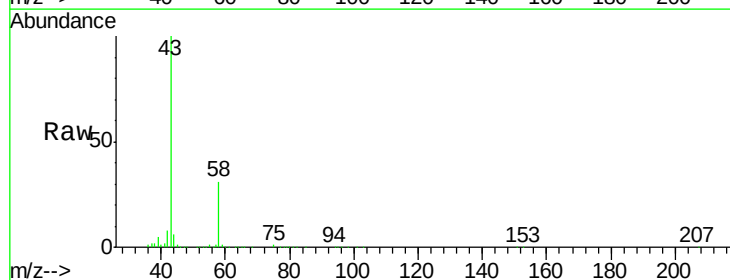
Acq: 15 Apr 2018 12:48

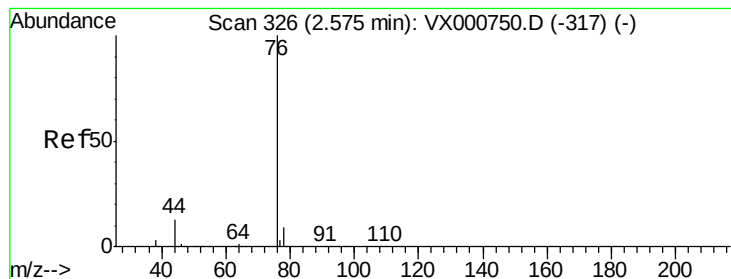
Tgt Ion: 43 Resp: 113649

Ion Ratio Lower Upper

43 100

58 30.7 24.6 37.0





#17

Carbon Disulfide

Concen: 17.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

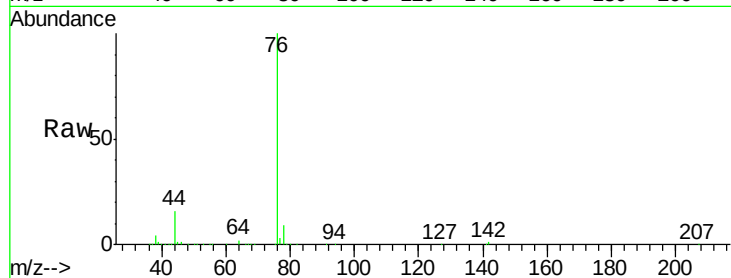
VX0415WBS01

Tgt Ion: 76 Resp: 117903

Ion Ratio Lower Upper

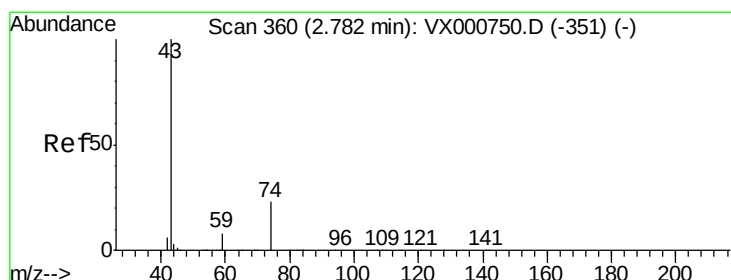
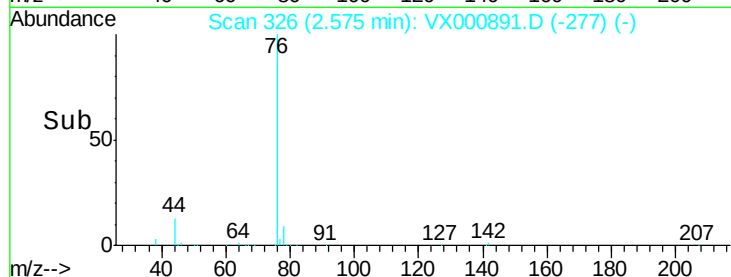
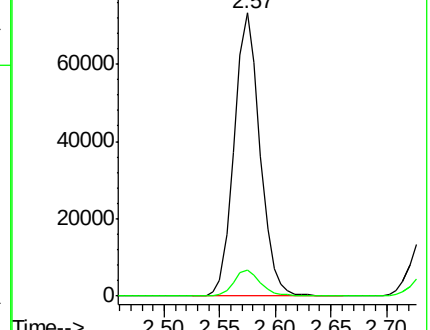
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.82 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000891.D

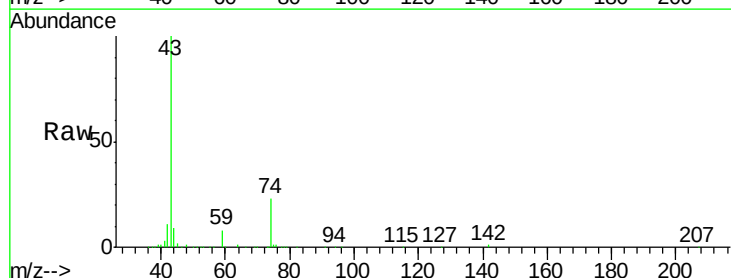
Acq: 15 Apr 2018 12:48

Tgt Ion: 43 Resp: 66091

Ion Ratio Lower Upper

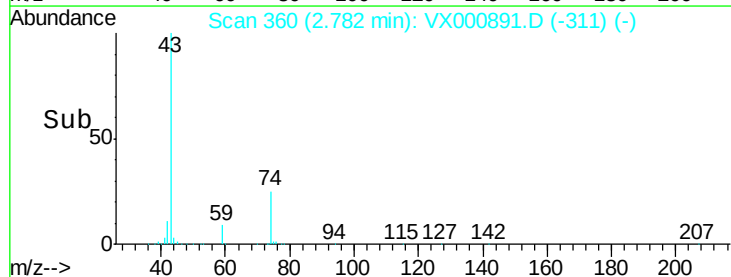
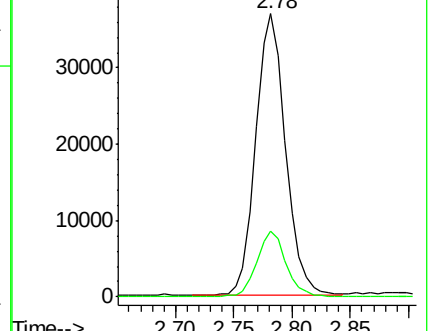
43 100

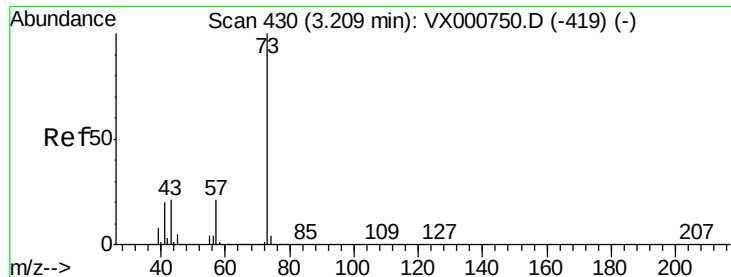
74 23.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

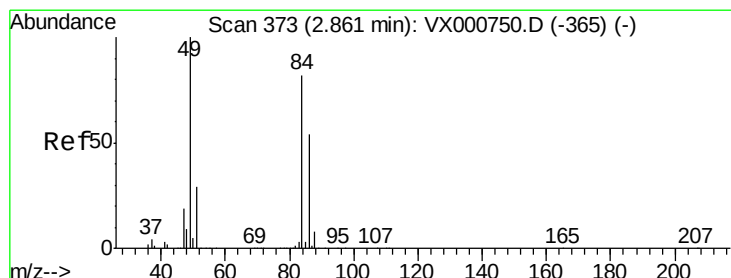
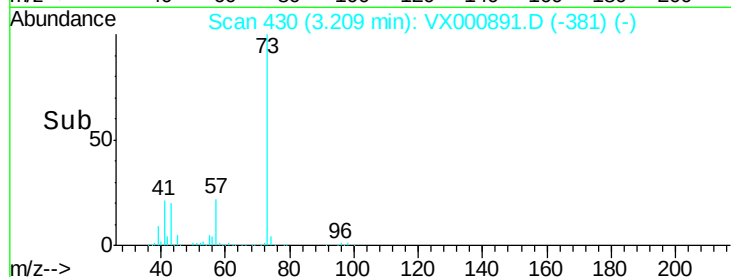
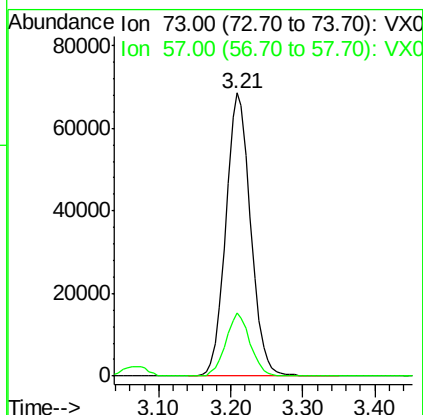
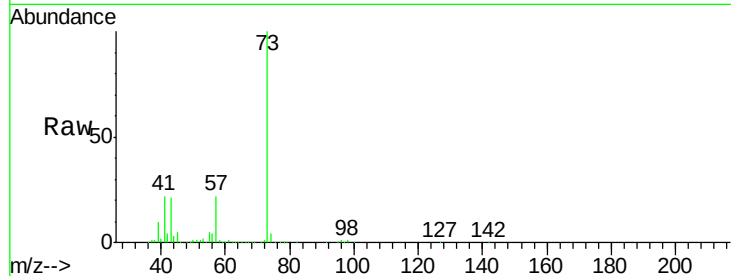




#19
Methyl tert-butyl Ether
Concen: 21.74 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

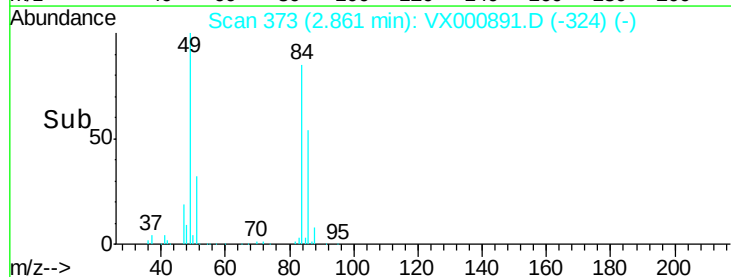
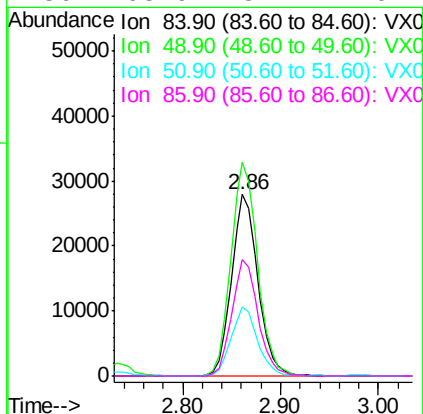
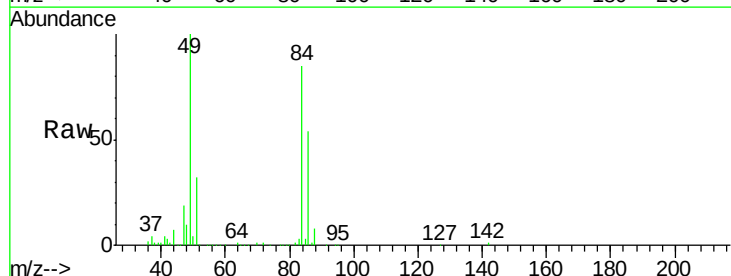
Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

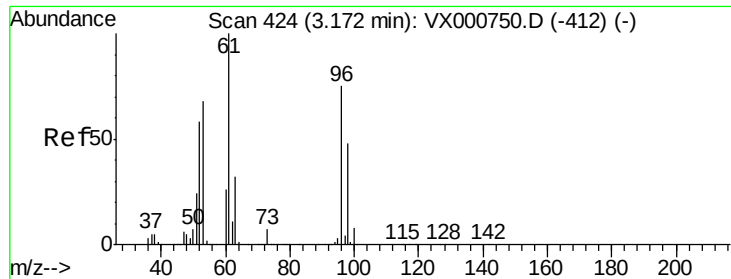
Tgt Ion: 73 Resp: 163891
Ion Ratio Lower Upper
73 100
57 22.3 16.9 25.3



#20
Methylene Chloride
Concen: 21.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion: 84 Resp: 52380
Ion Ratio Lower Upper
84 100
49 117.7 98.1 147.1
51 37.6 28.9 43.3
86 63.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.25 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

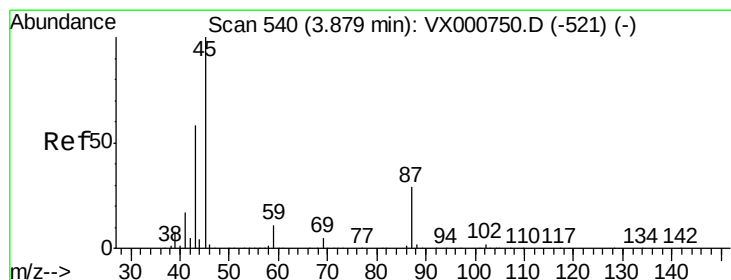
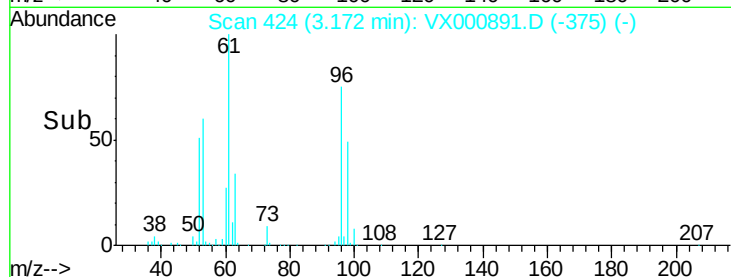
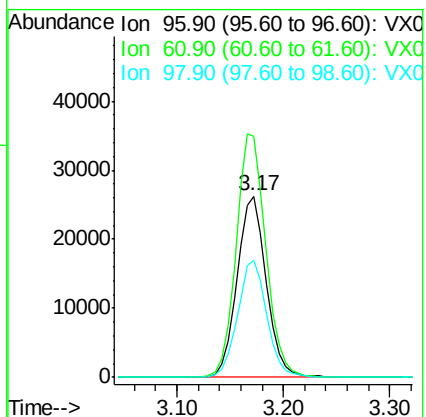
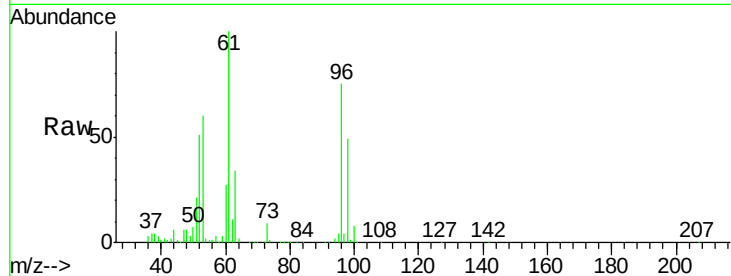
Tgt Ion: 96 Resp: 50547

Ion Ratio Lower Upper

96 100

61 132.8 106.2 159.2

98 64.6 51.2 76.8



#22

Diisopropyl ether

Concen: 22.31 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion: 45 Resp: 171596

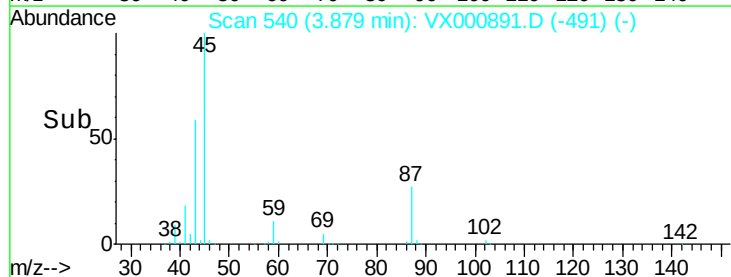
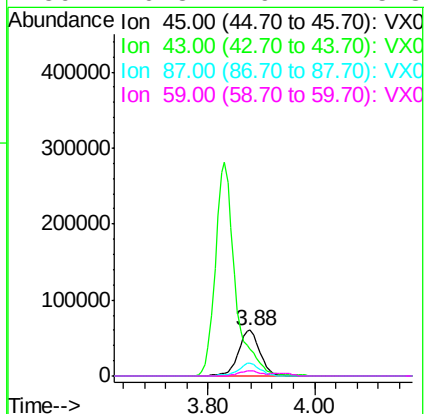
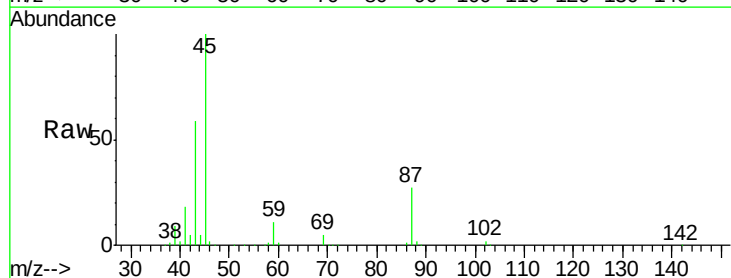
Ion Ratio Lower Upper

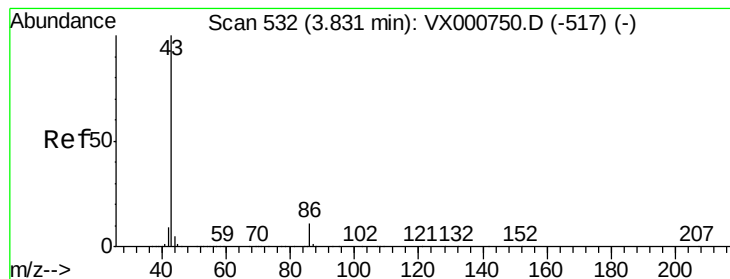
45 100

43 58.8 46.6 69.8

87 27.2 22.9 34.3

59 10.8 9.2 13.8





#23

Vinyl Acetate

Concen: 108.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

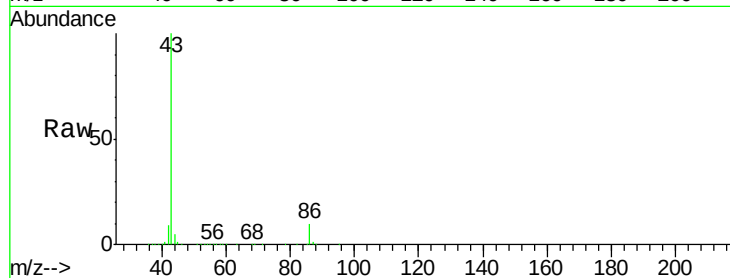
VX0415WBS01

Tgt Ion: 43 Resp: 730674

Ion Ratio Lower Upper

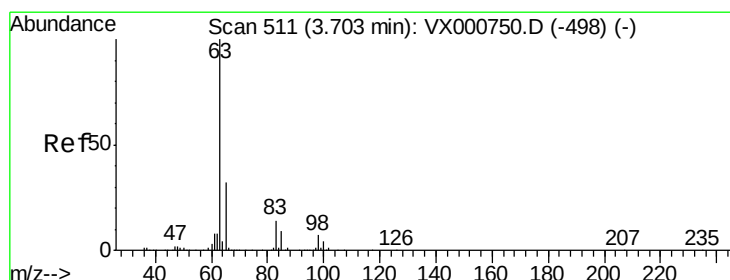
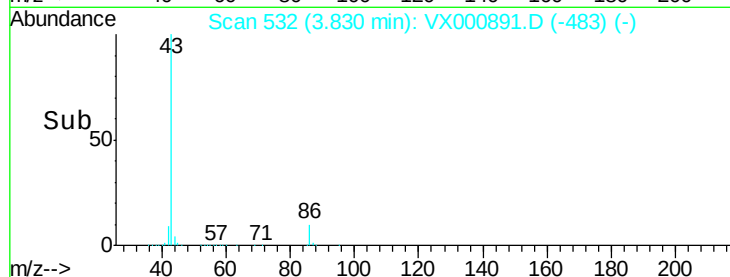
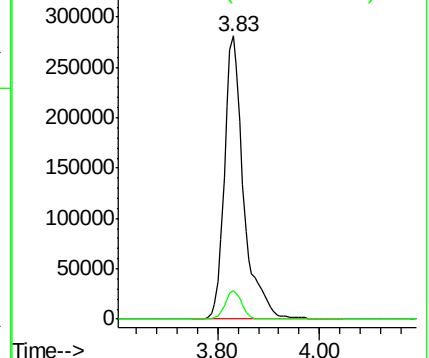
43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.38 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

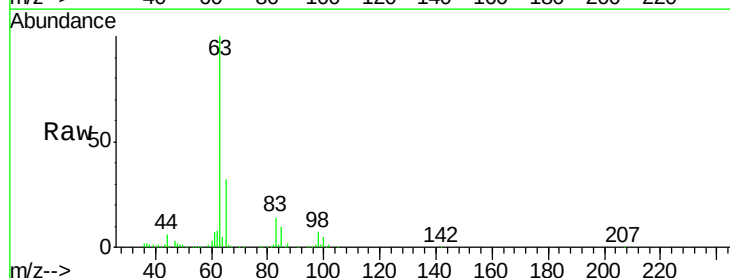
Tgt Ion: 63 Resp: 92274

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

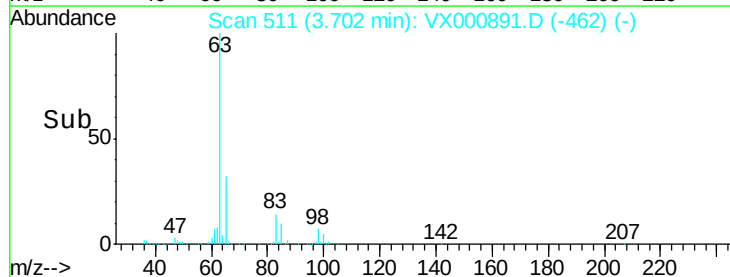
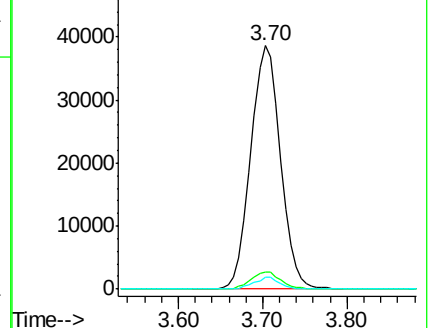
100 4.7 2.1 6.3

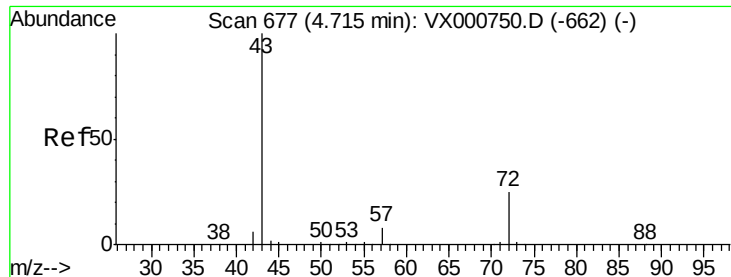


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.60 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

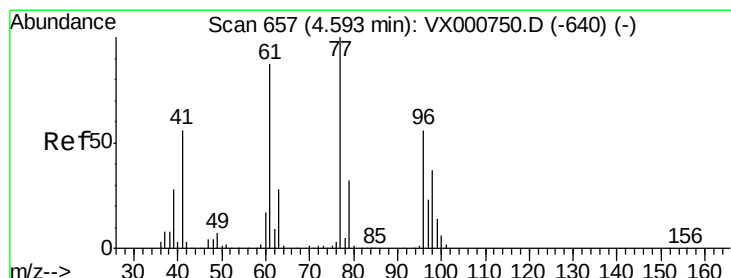
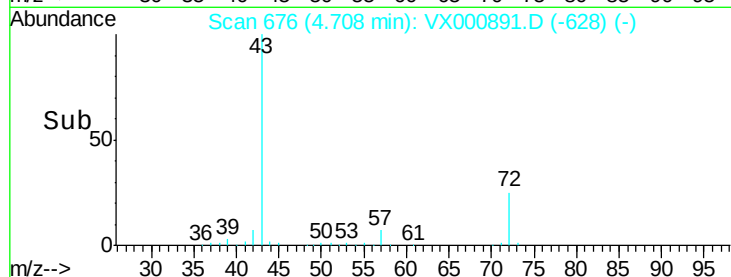
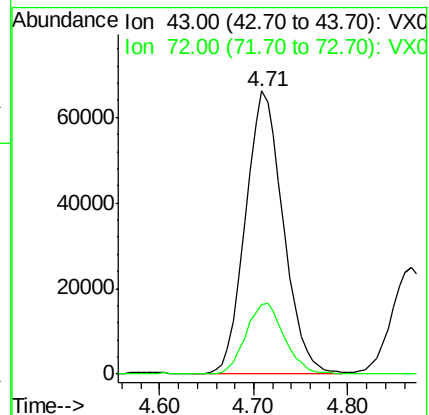
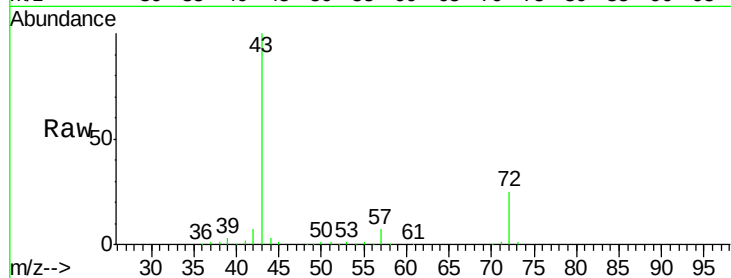
VX0415WBS01

Tgt Ion: 43 Resp: 185227

Ion Ratio Lower Upper

43 100

72 24.7 20.3 30.5



#26

2,2-Dichloropropane

Concen: 19.77 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000891.D

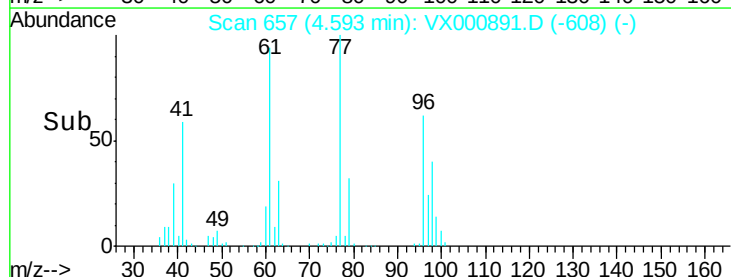
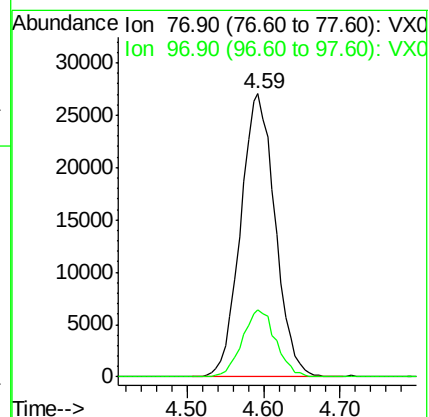
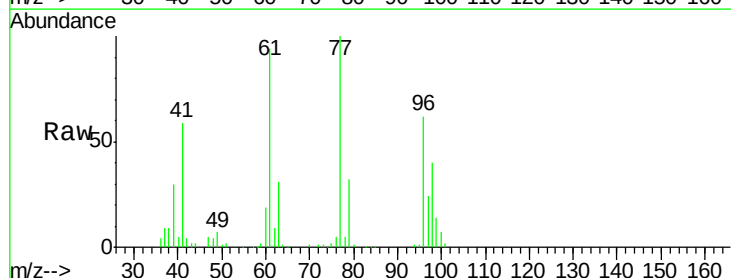
Acq: 15 Apr 2018 12:48

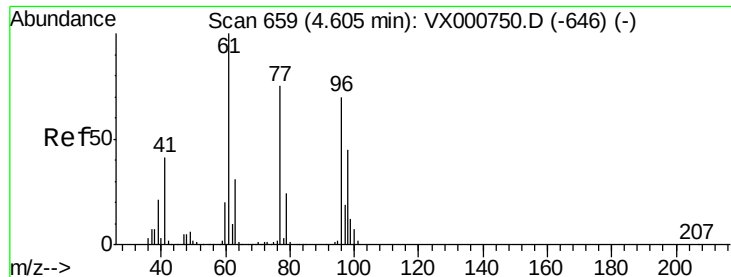
Tgt Ion: 77 Resp: 84693

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 21.34 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

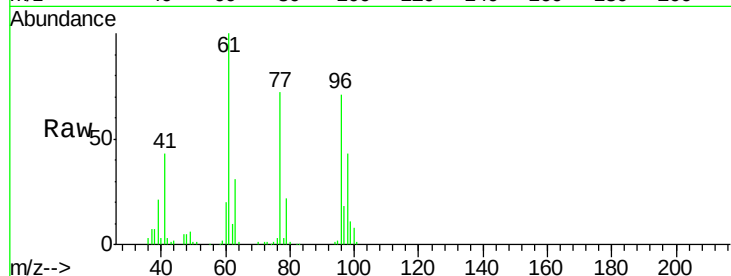
Tgt Ion: 96 Resp: 60441

Ion Ratio Lower Upper

96 100

61 146.7 0.0 292.4

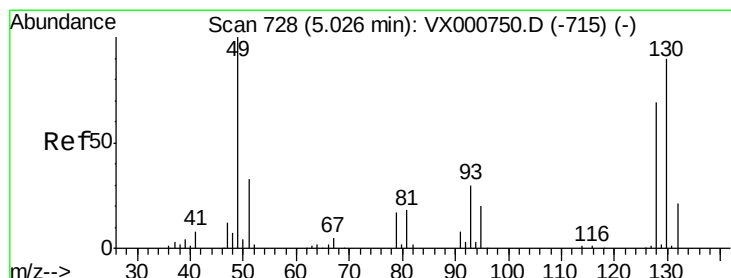
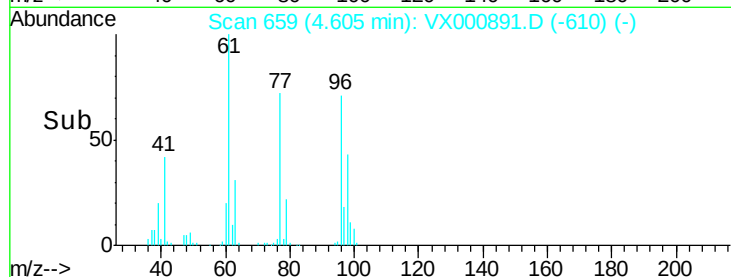
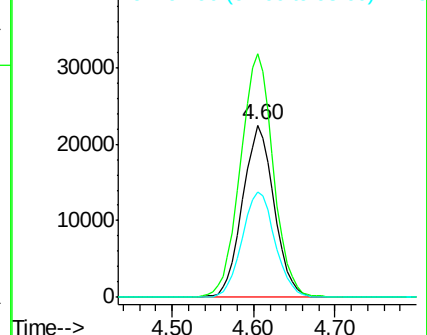
98 63.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.71 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

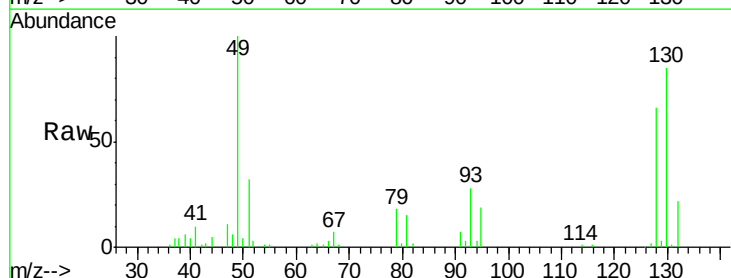
Tgt Ion: 49 Resp: 36002

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

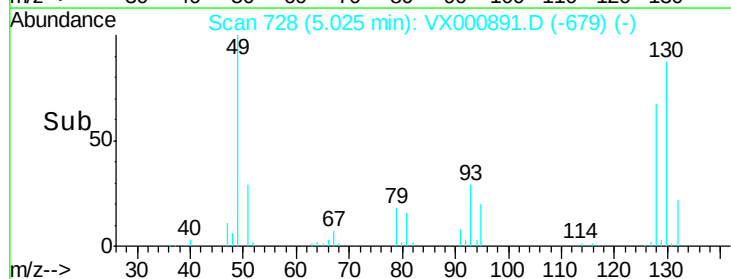
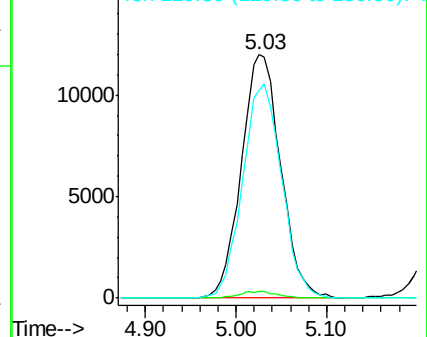
130 87.4 72.6 109.0

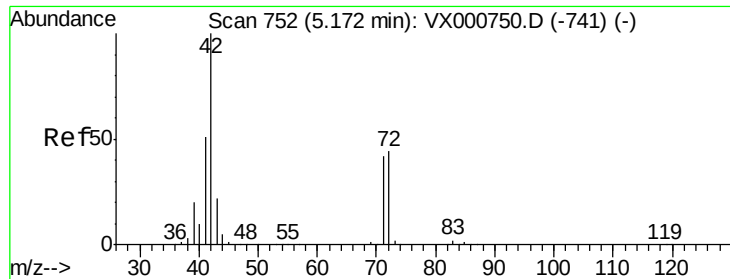


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.42 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

VX0415WBS01

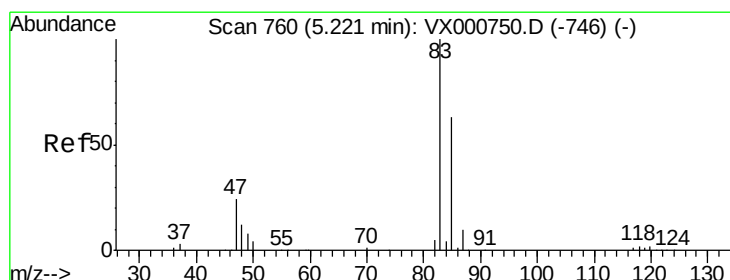
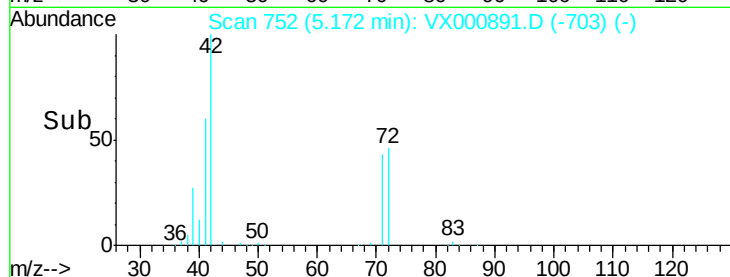
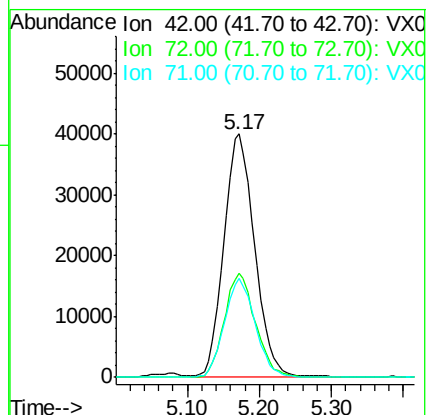
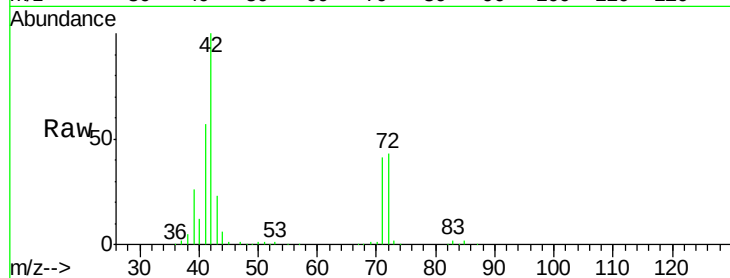
Tgt Ion: 42 Resp: 118533

Ion Ratio Lower Upper

42 100

72 43.4 35.1 52.7

71 40.8 32.8 49.2



#30

Chloroform

Concen: 21.60 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000891.D

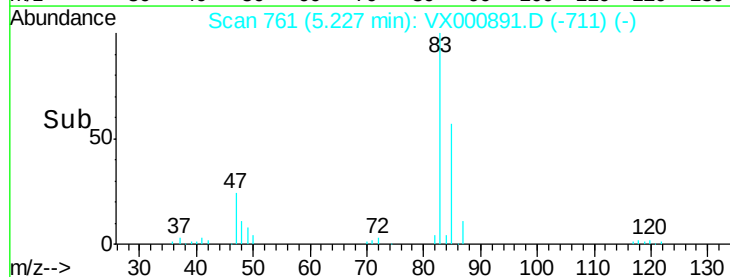
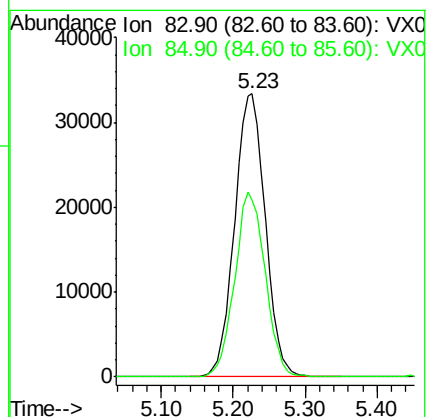
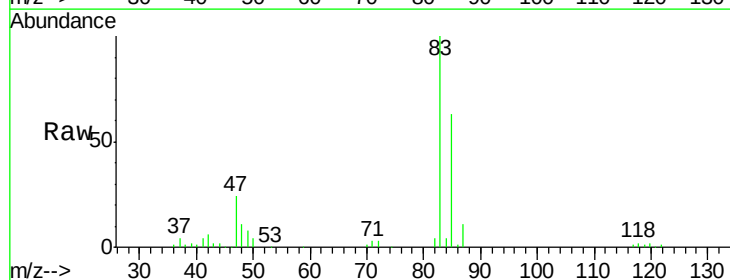
Acq: 15 Apr 2018 12:48

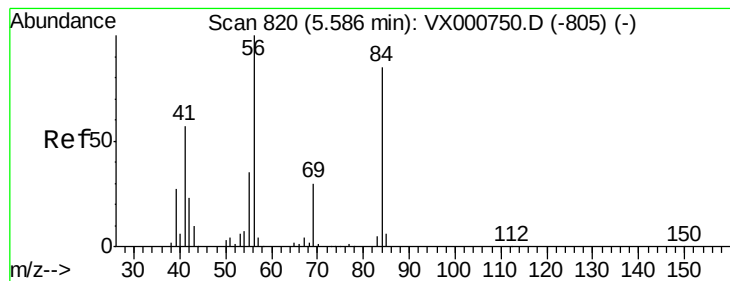
Tgt Ion: 83 Resp: 98717

Ion Ratio Lower Upper

83 100

85 62.6 50.7 76.1





#31

Cyclohexane

Concen: 20.43 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

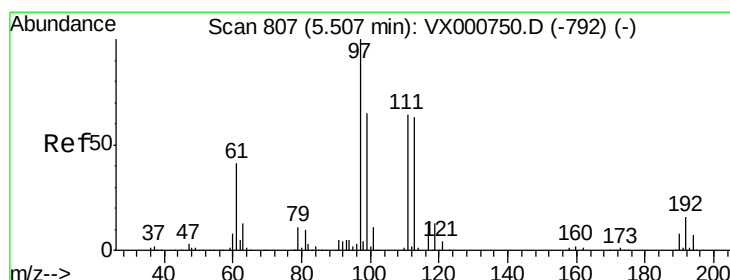
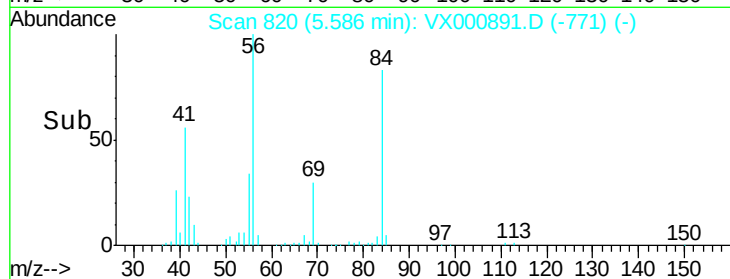
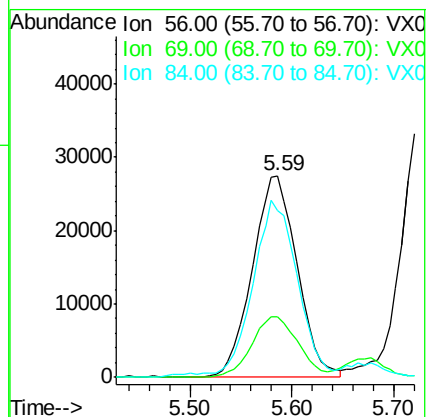
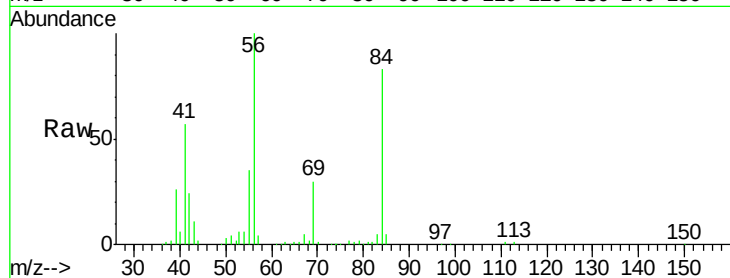
Tgt Ion: 56 Resp: 83760

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 80.8 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 20.65 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

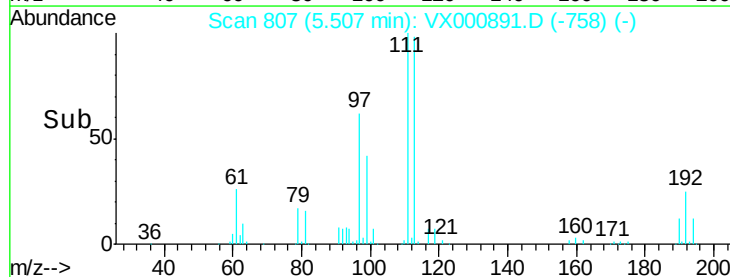
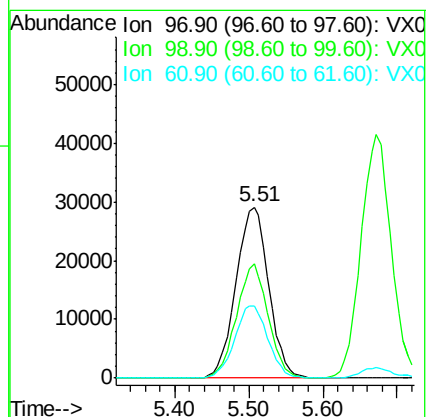
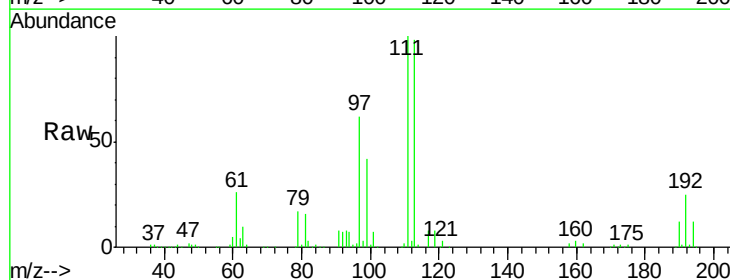
Tgt Ion: 97 Resp: 89900

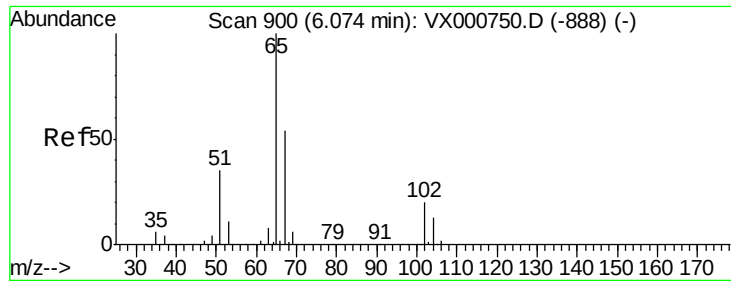
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 43.0 33.7 50.5

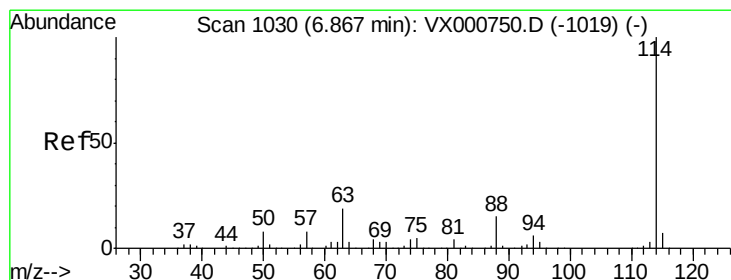
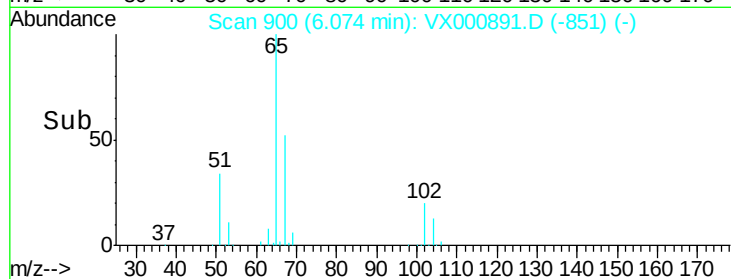
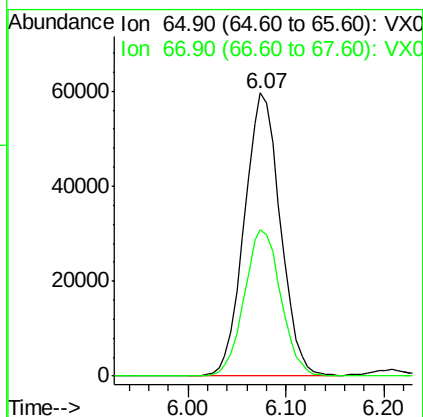
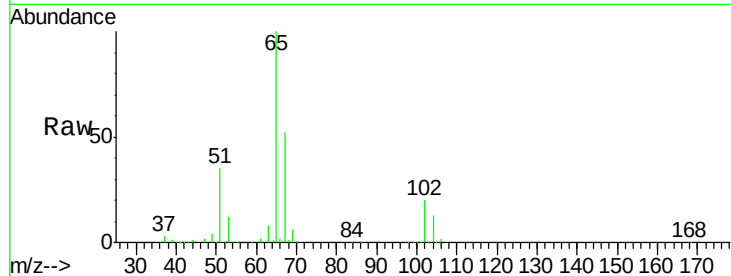




#33
 1,2-Dichloroethane-d4
 Concen: 49.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

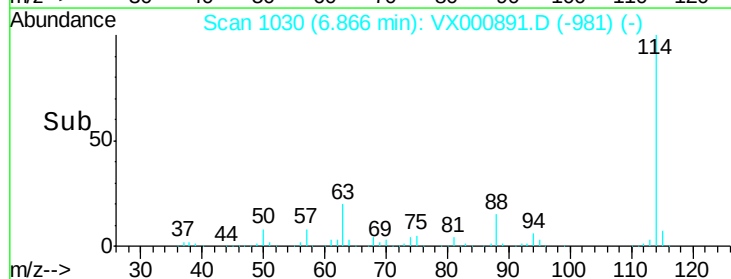
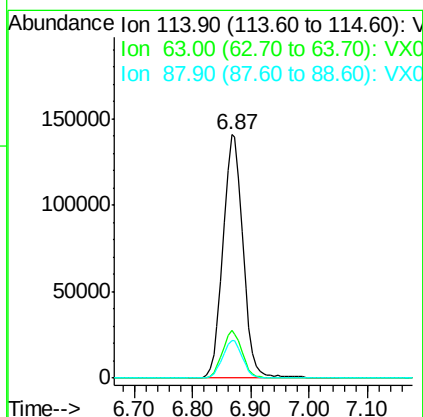
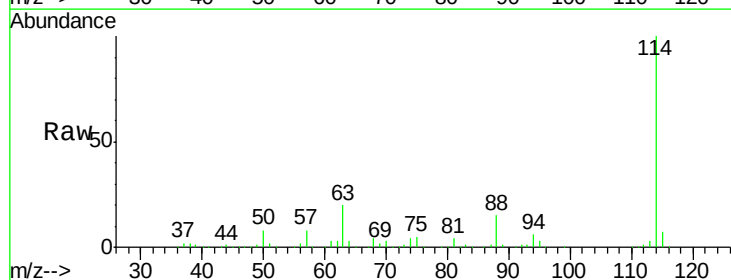
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

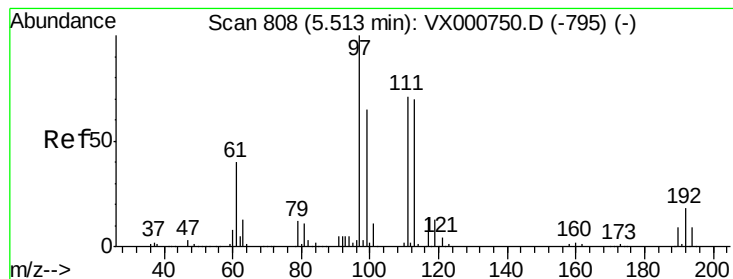
Tgt Ion: 65 Resp: 152425
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion: 114 Resp: 337302
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.28 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

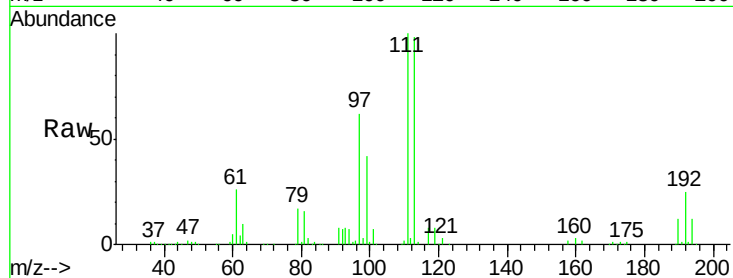
Tgt Ion:113 Resp: 128059

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

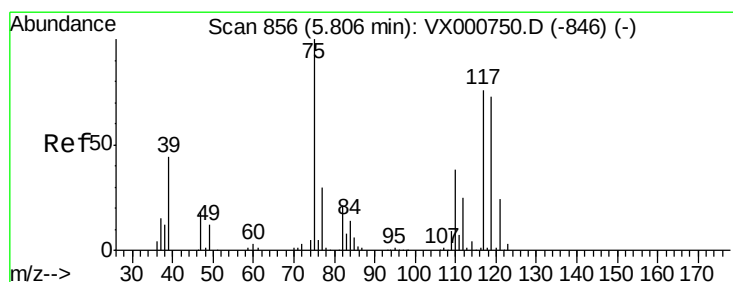
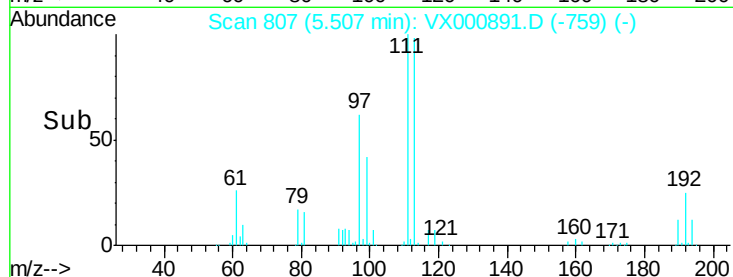
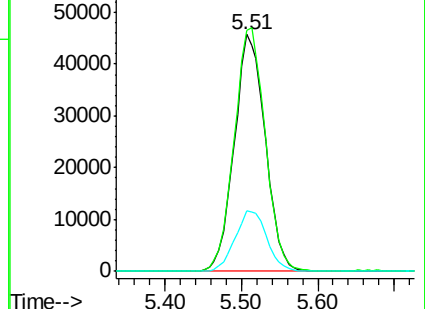
192 26.1 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.98 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

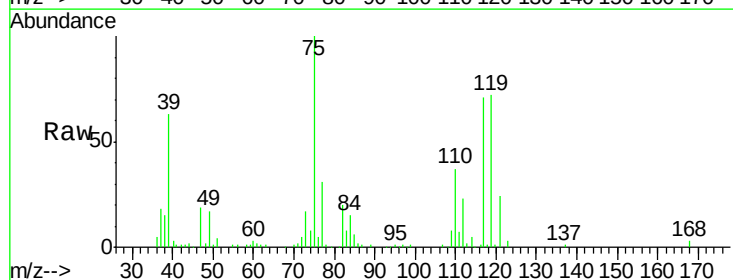
Tgt Ion: 75 Resp: 74212

Ion Ratio Lower Upper

75 100

110 37.8 19.2 57.6

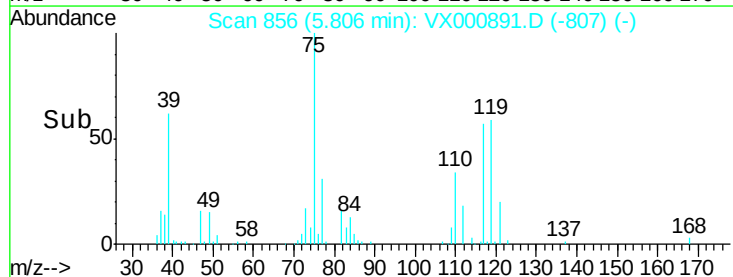
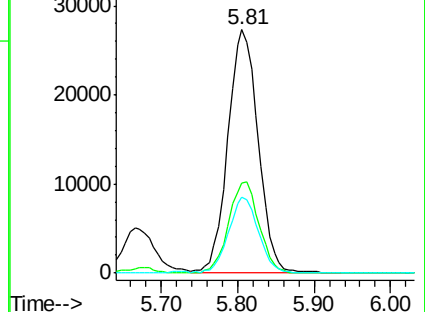
77 31.1 25.4 38.2

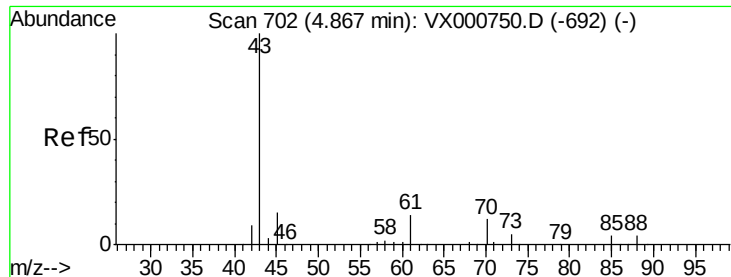


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.33 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

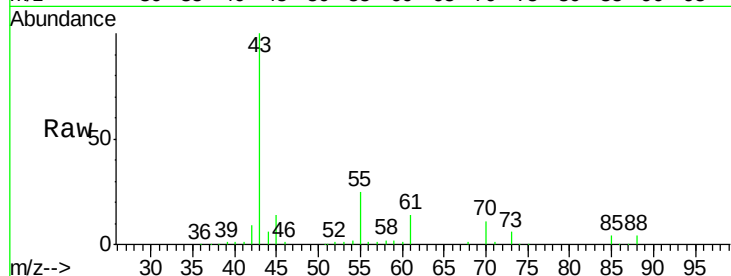
Tgt Ion: 43 Resp: 73719

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.4

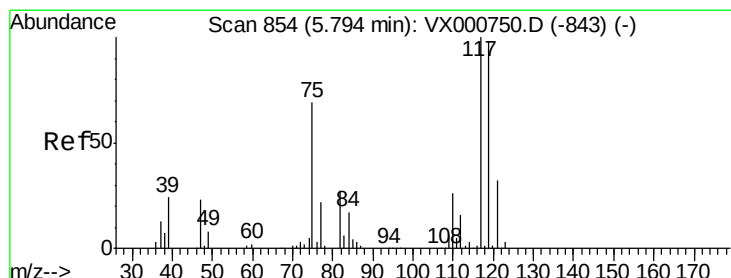
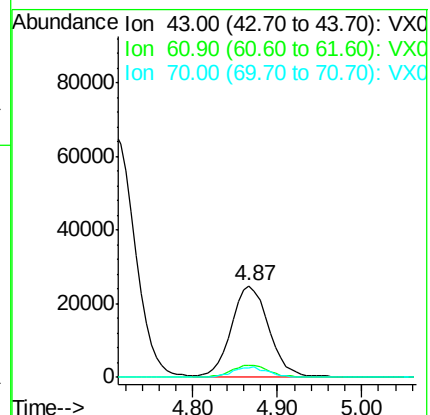
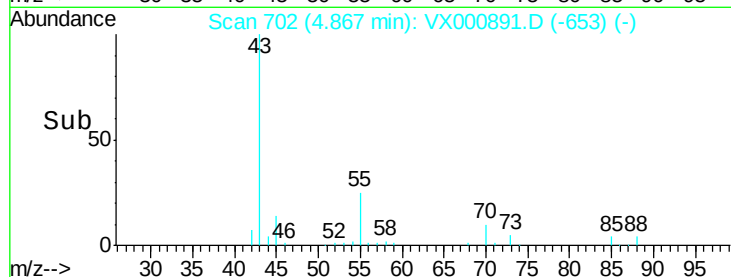
70 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.76 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

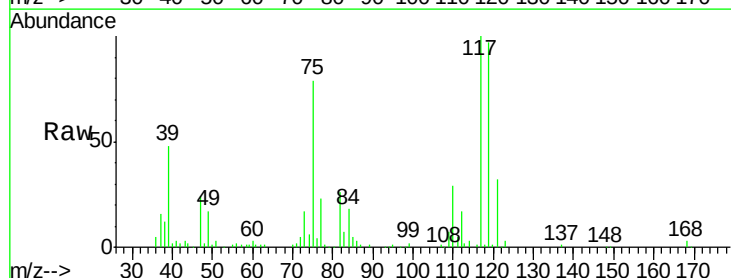
Tgt Ion: 117 Resp: 78005

Ion Ratio Lower Upper

117 100

119 97.4 78.4 117.6

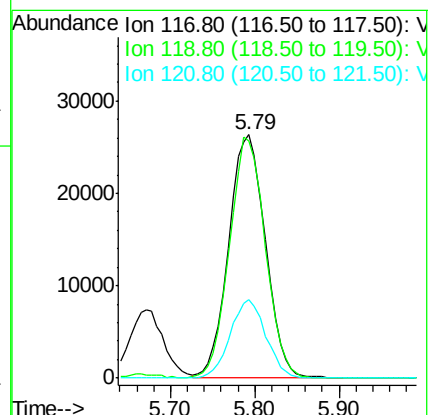
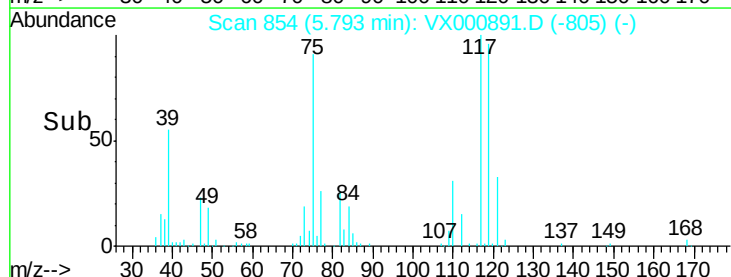
121 32.6 25.4 38.0

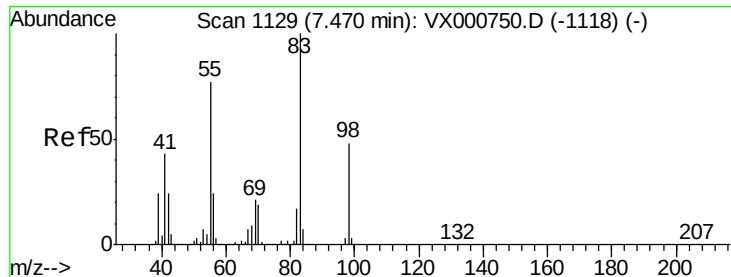


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

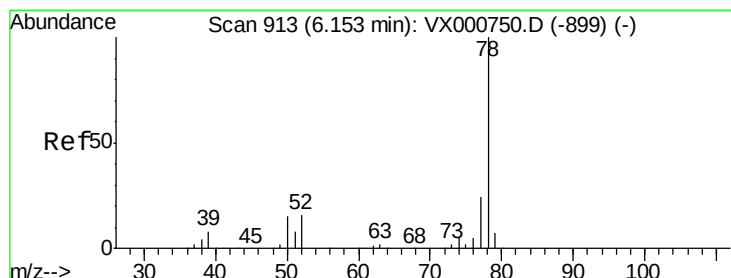
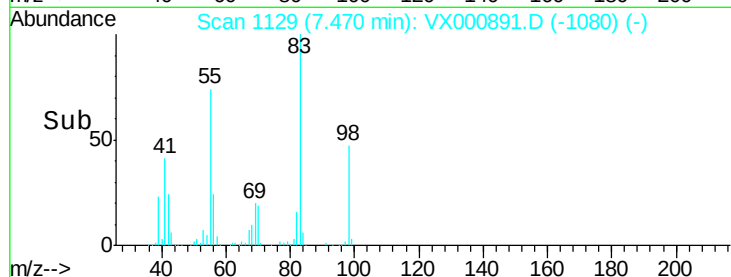
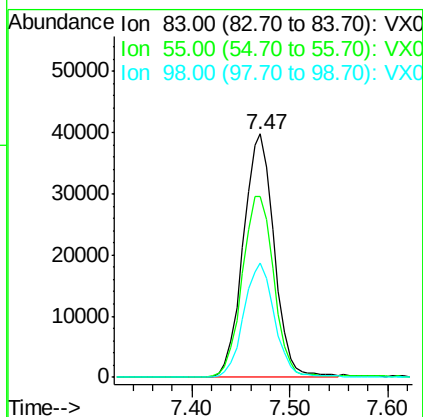
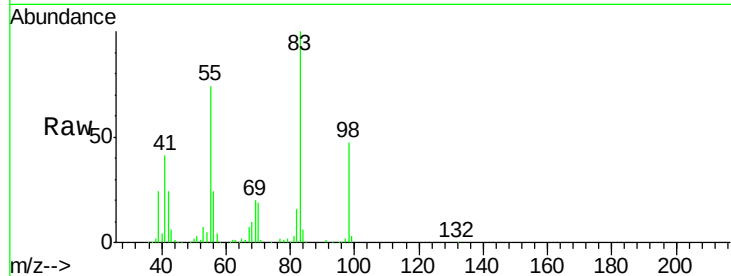




#39
Methylcyclohexane
Concen: 19.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

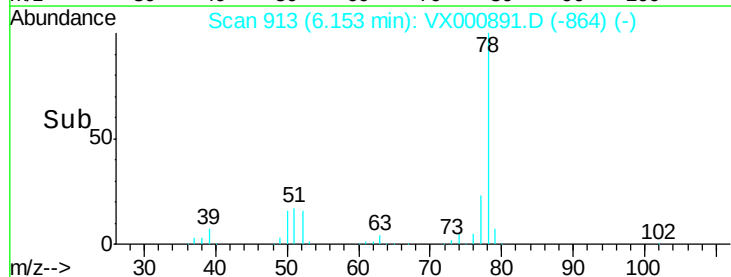
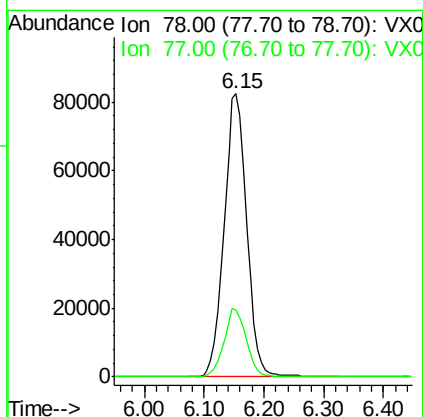
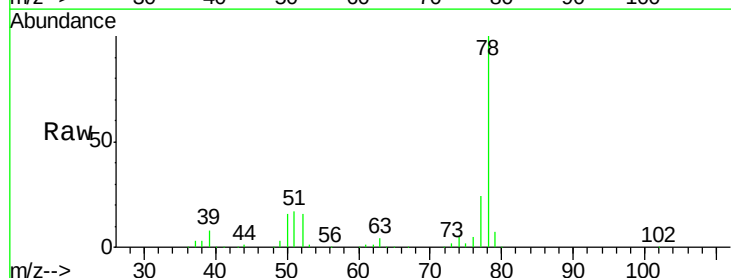
Instrument :
MSVOA_X
ClientSampled :
VX0415WBS01

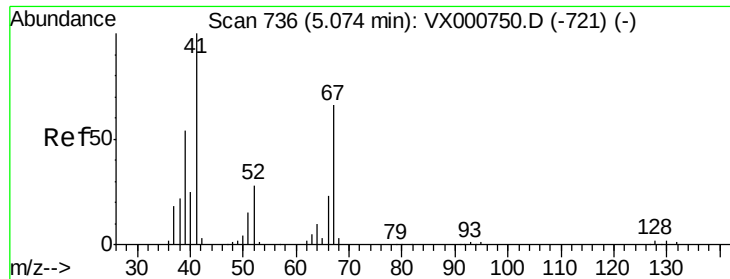
Tgt Ion: 83 Resp: 87213
Ion Ratio Lower Upper
83 100
55 74.2 61.5 92.3
98 47.1 38.1 57.1



#40
Benzene
Concen: 20.96 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion: 78 Resp: 216331
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

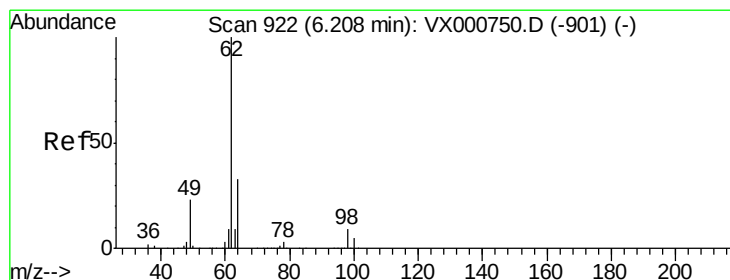
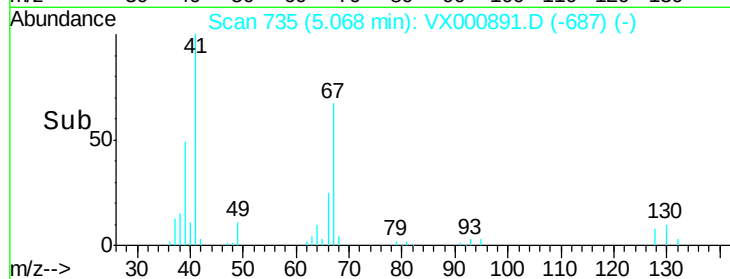
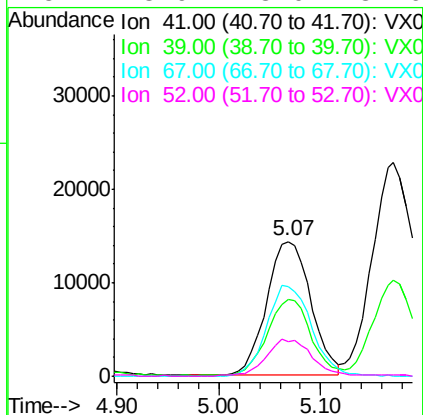
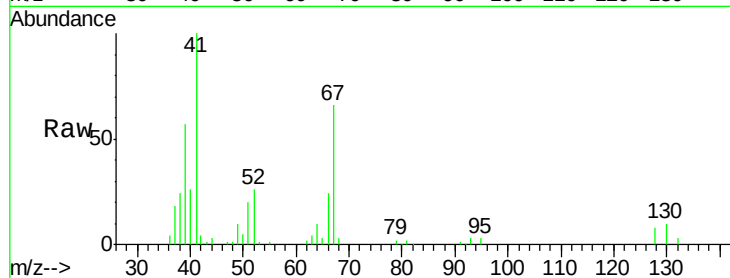




#41
Methacrylonitrile
Concen: 20.65 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

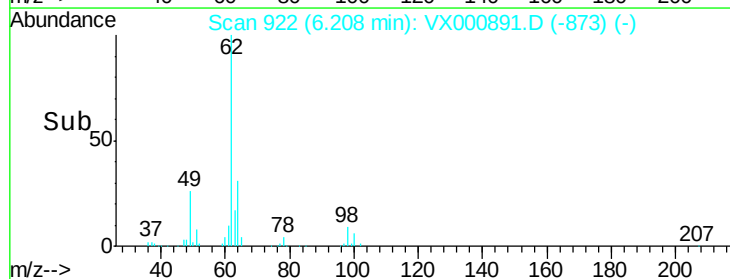
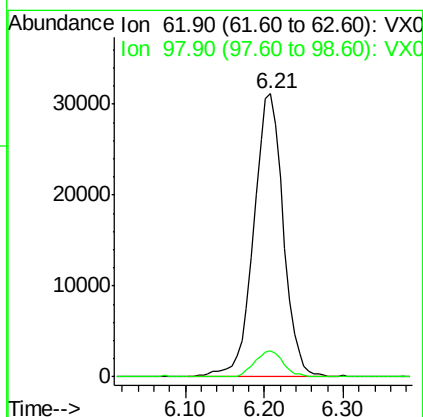
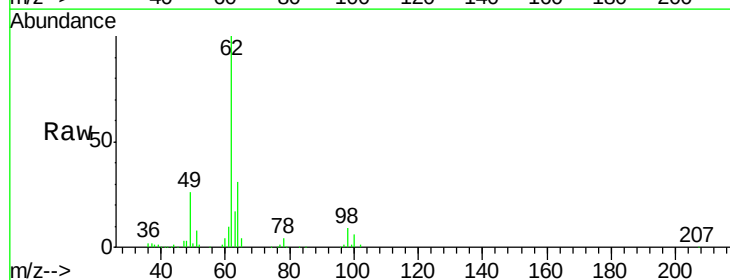
Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

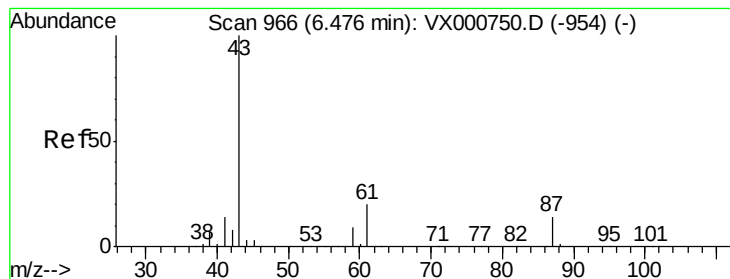
Tgt Ion:	41	Resp:	43259
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.9	67.3
67	69.0	54.7	82.1
52	28.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 21.09 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion:	62	Resp:	81300
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

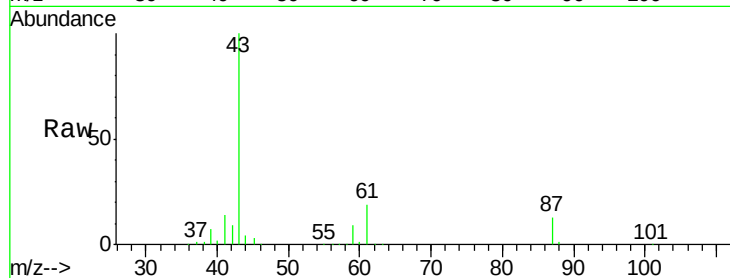
Tgt Ion: 43 Resp: 122392

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

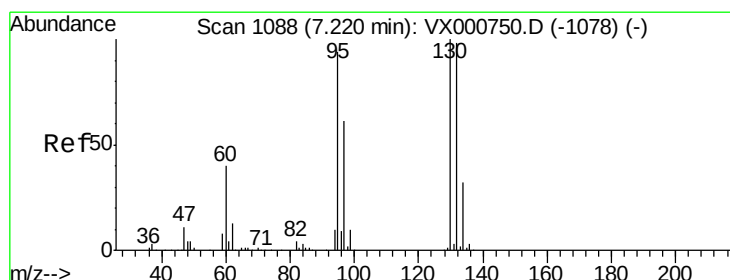
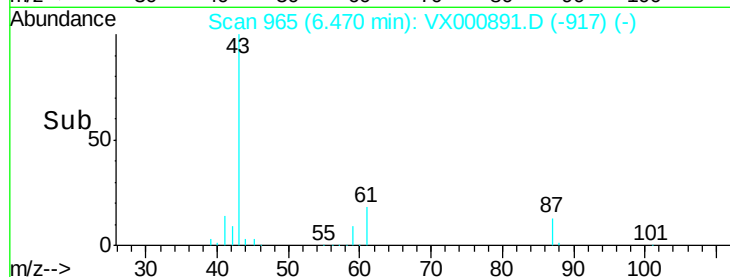
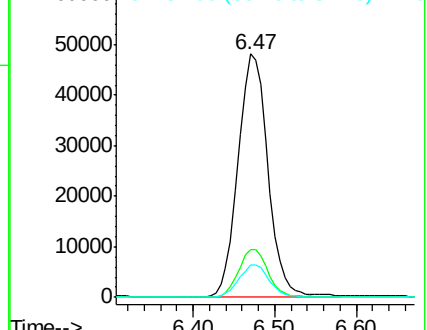
87 13.5 10.7 16.1



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: 20.42 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000891.D

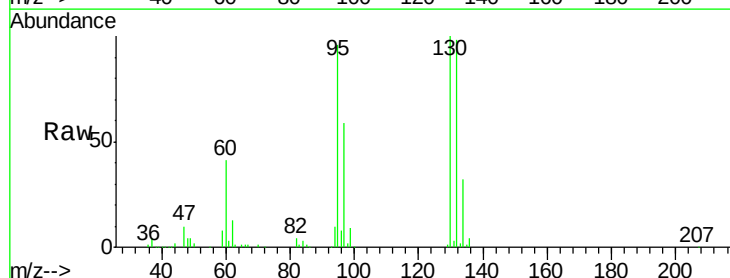
Acq: 15 Apr 2018 12:48

Tgt Ion: 130 Resp: 65535

Ion Ratio Lower Upper

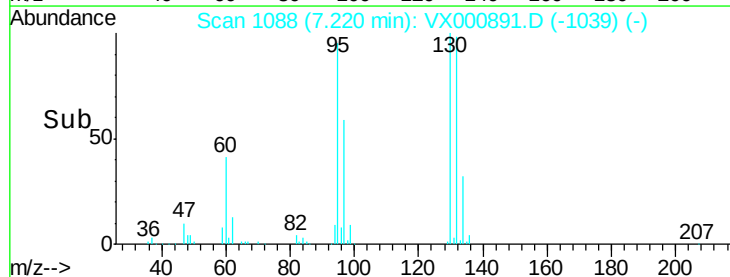
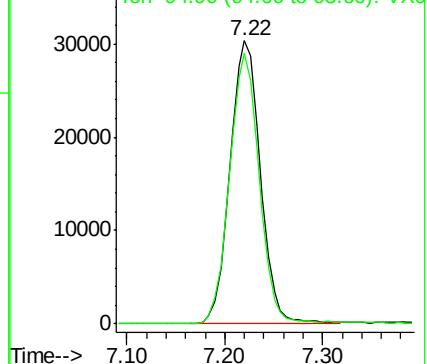
130 100

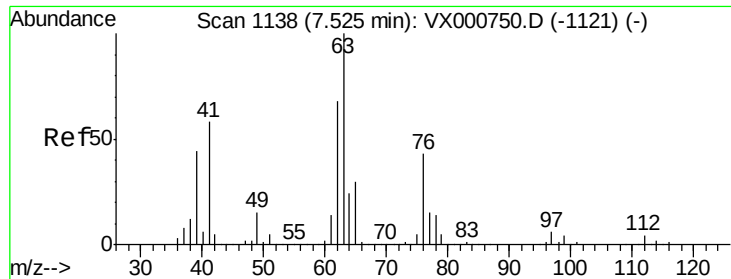
95 95.7 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

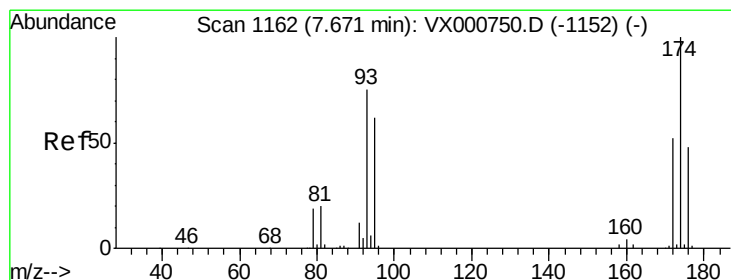
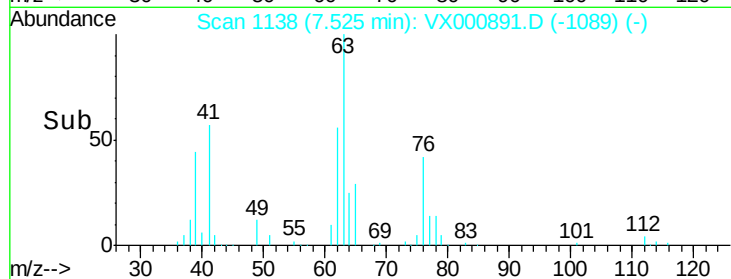
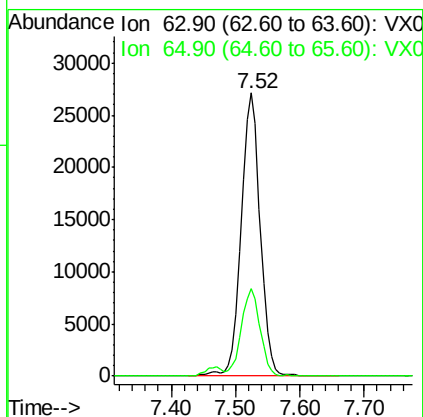
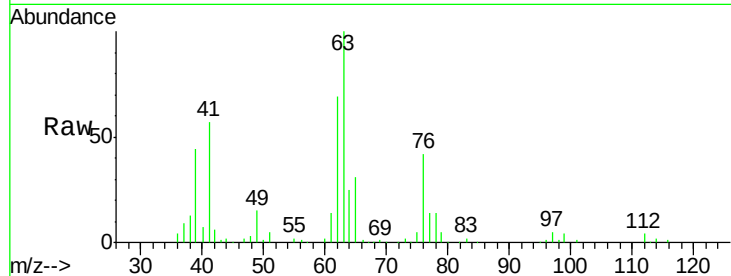




#45
 1,2-Dichloropropane
 Concen: 21.13 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

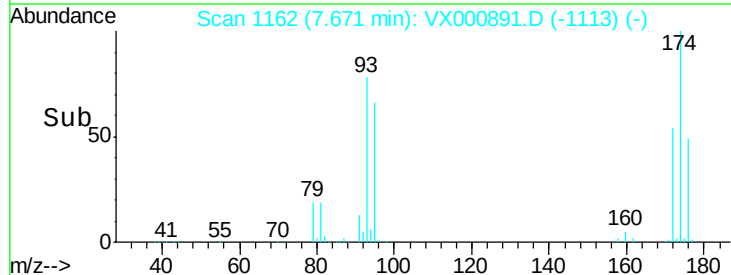
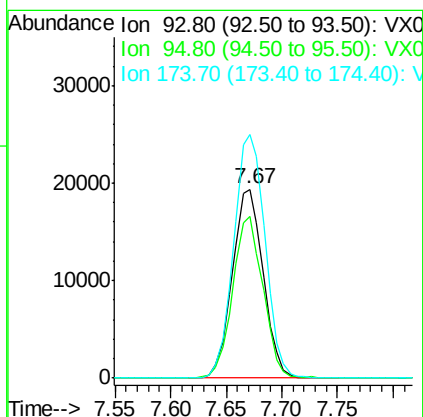
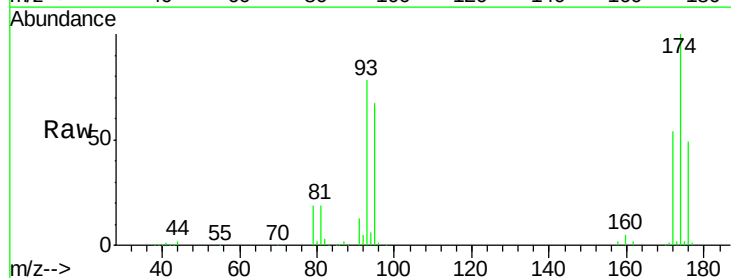
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

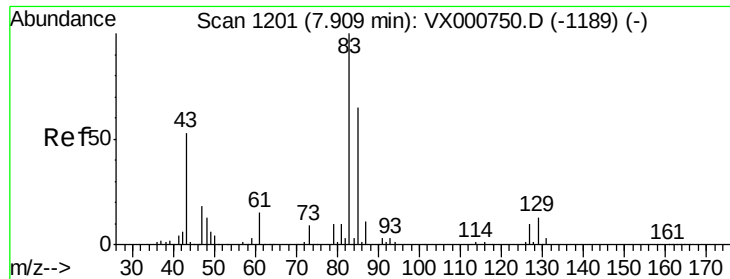
Tgt Ion: 63 Resp: 55540
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.7 35.5



#46
 Dibromomethane
 Concen: 20.30 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion: 93 Resp: 37200
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.6 100.0
 174 131.0 104.5 156.7





#47

Bromodichloromethane

Concen: 19.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

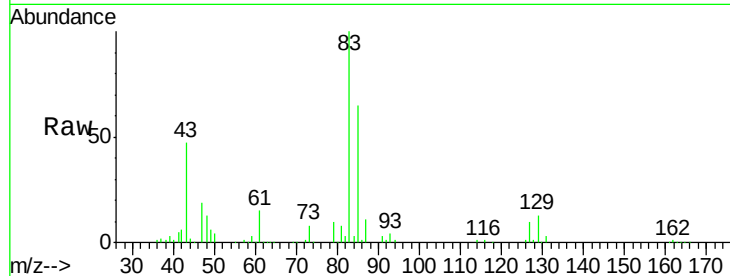
Tgt Ion: 83 Resp: 72120

Ion Ratio Lower Upper

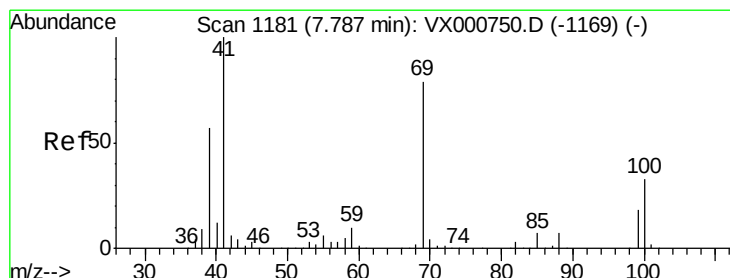
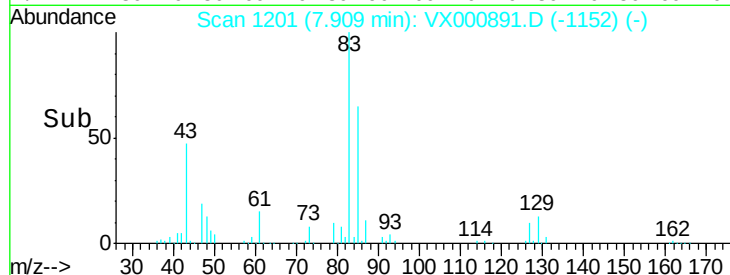
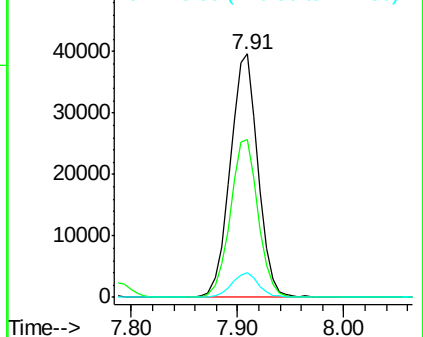
83 100

85 65.1 52.2 78.4

127 10.0 7.8 11.8



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



#48

Methyl methacrylate

Concen: 20.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

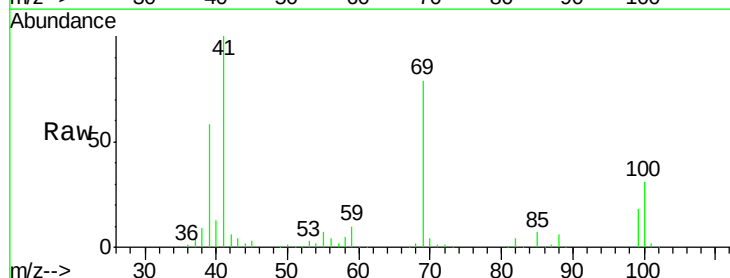
Tgt Ion: 41 Resp: 65434

Ion Ratio Lower Upper

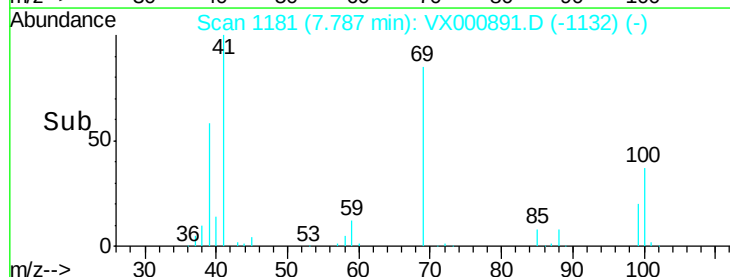
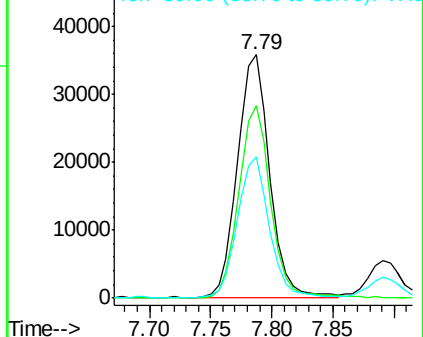
41 100

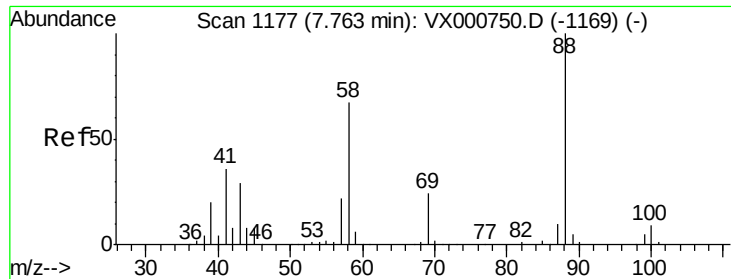
69 78.9 63.9 95.9

39 57.2 45.9 68.9



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

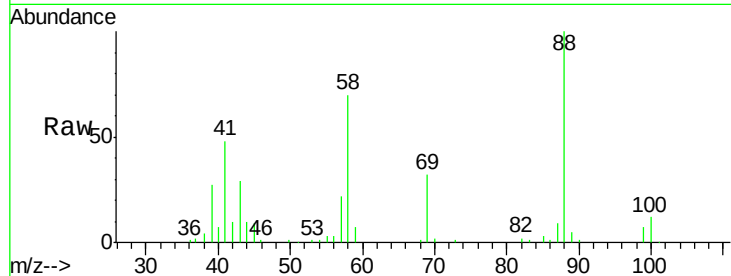




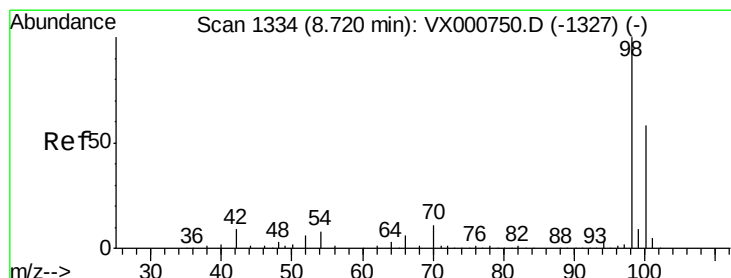
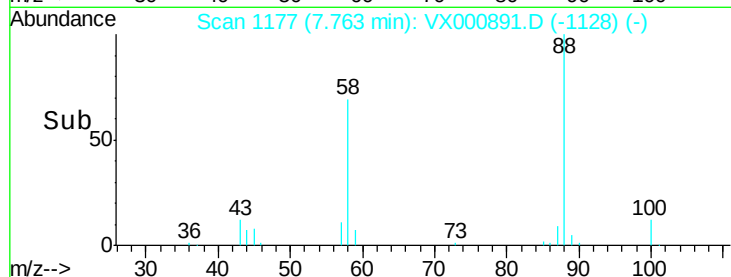
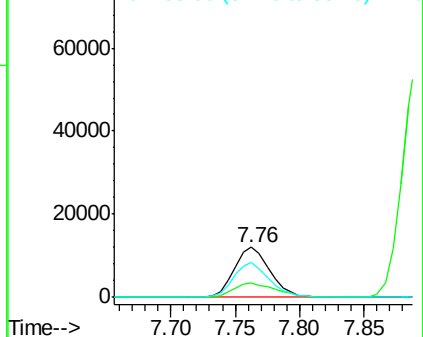
#49
1,4-Dioxane
Concen: 361.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tgt Ion: 88 Resp: 23405
Ion Ratio Lower Upper
88 100
43 33.9 25.8 38.8
58 70.0 54.4 81.6

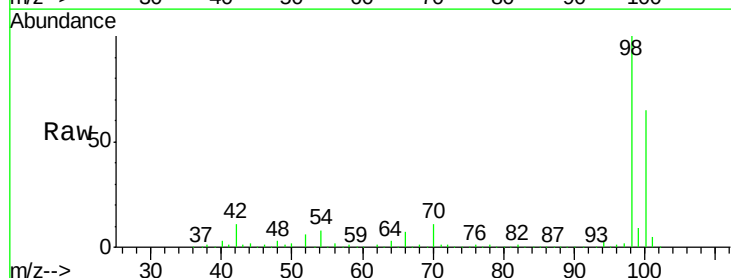


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

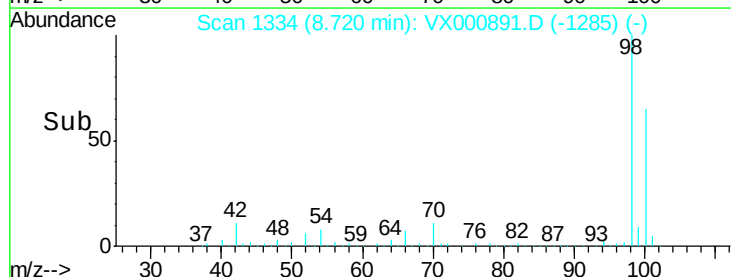
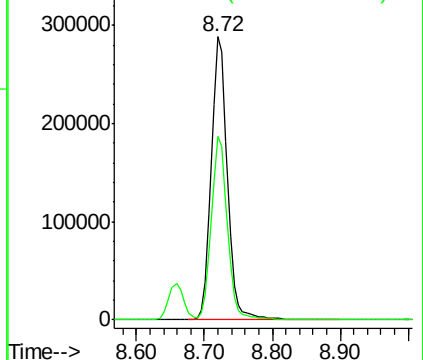


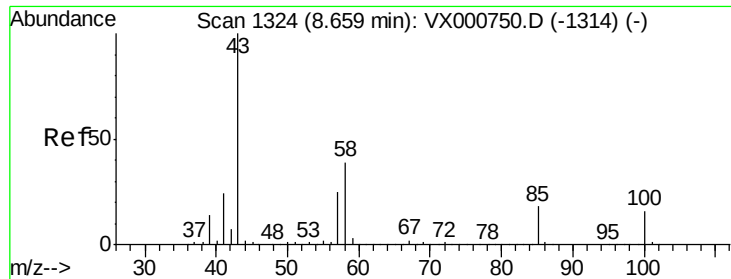
#50
Toluene-d8
Concen: 48.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion: 98 Resp: 473255
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 104.73 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

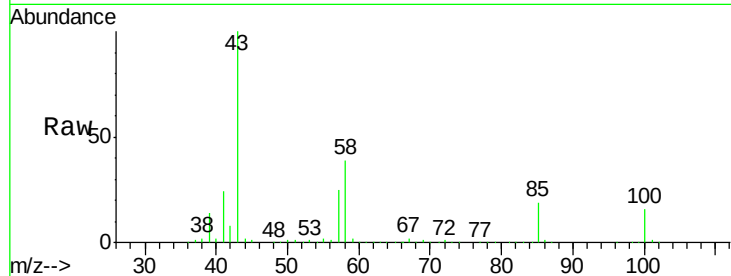
VX0415WBS01

Tgt Ion: 43 Resp: 382486

Ion Ratio Lower Upper

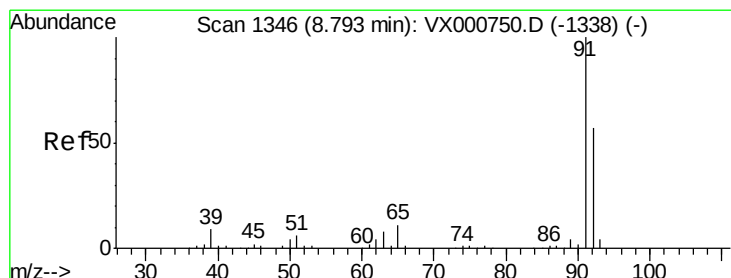
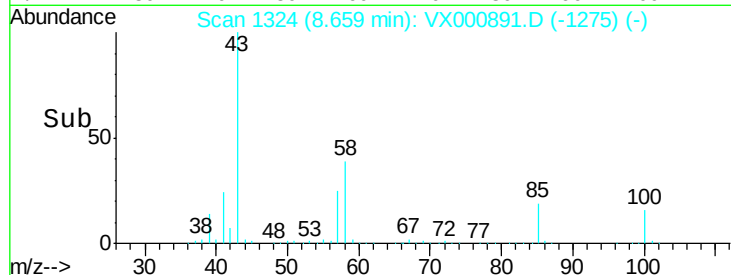
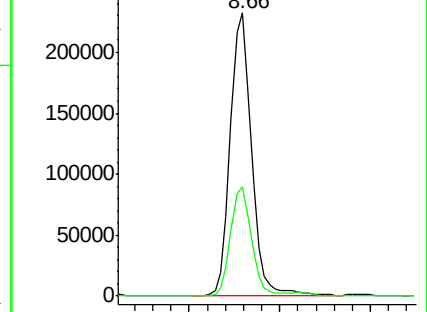
43 100

58 37.7 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.69 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000891.D

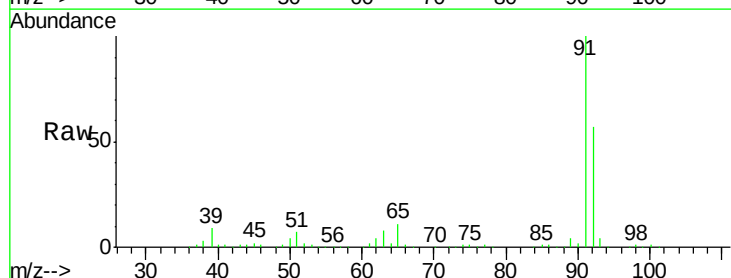
Acq: 15 Apr 2018 12:48

Tgt Ion: 92 Resp: 141655

Ion Ratio Lower Upper

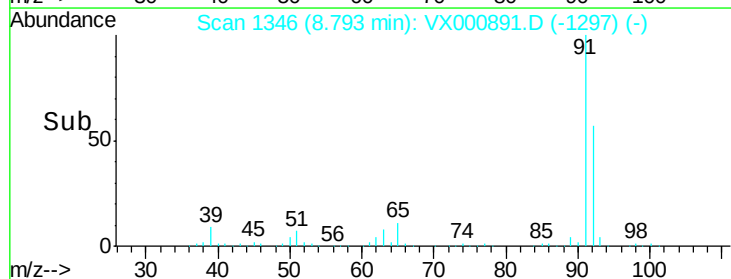
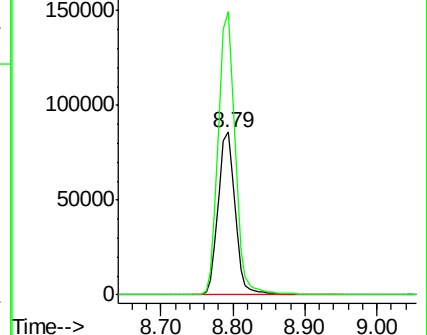
92 100

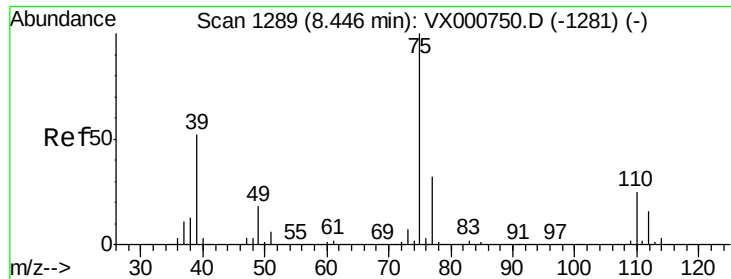
91 172.8 139.0 208.4



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: 19.84 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

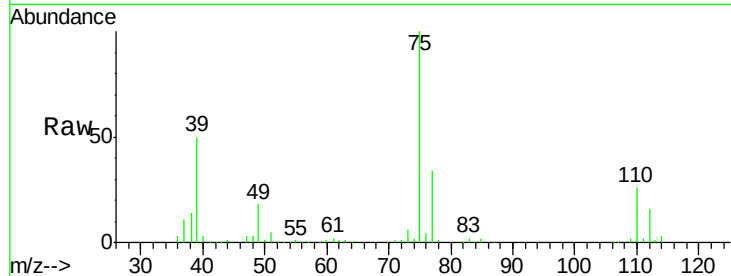
VX0415WBS01

Tgt Ion: 75 Resp: 88021

Ion Ratio Lower Upper

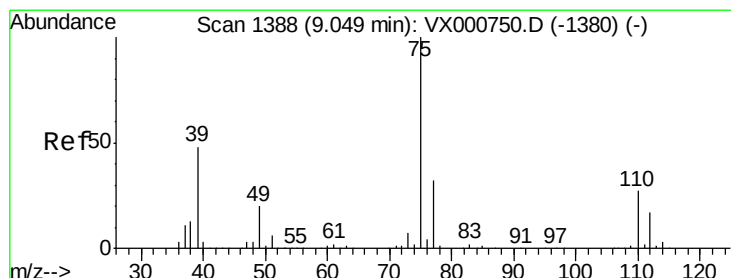
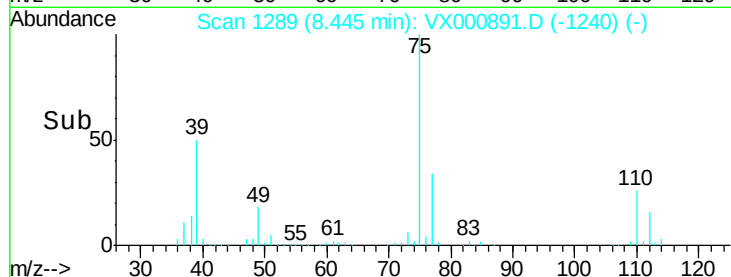
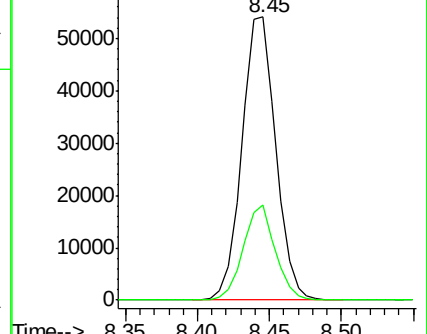
75 100

77 33.5 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: 19.05 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

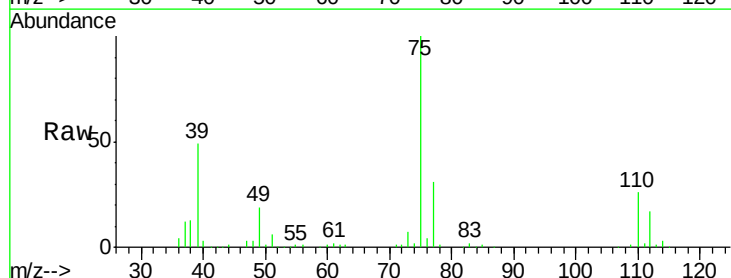
Tgt Ion: 75 Resp: 82301

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

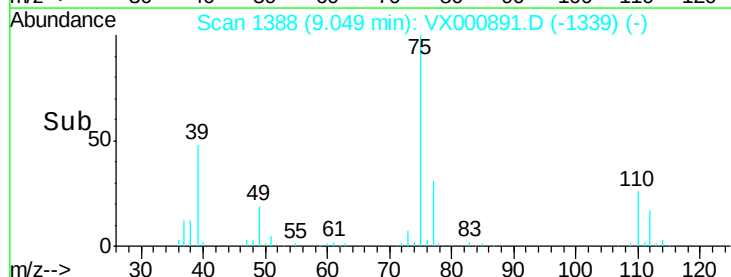
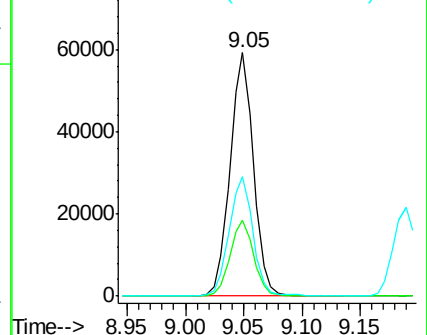
39 48.7 38.6 58.0

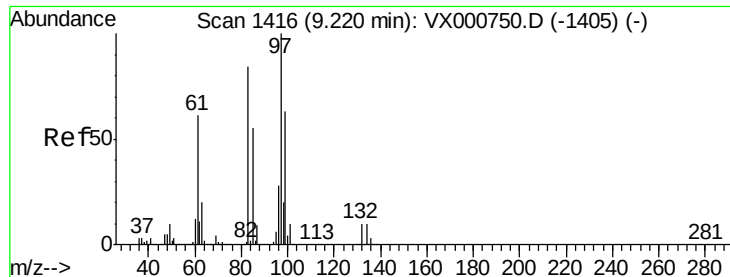


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

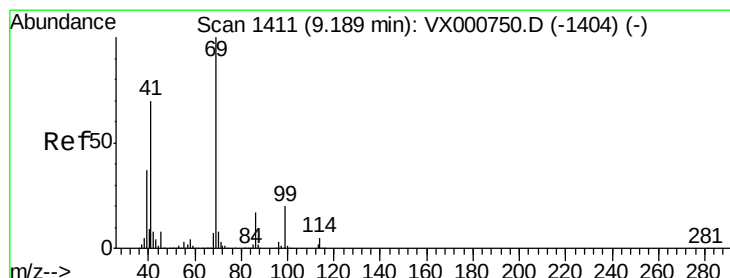
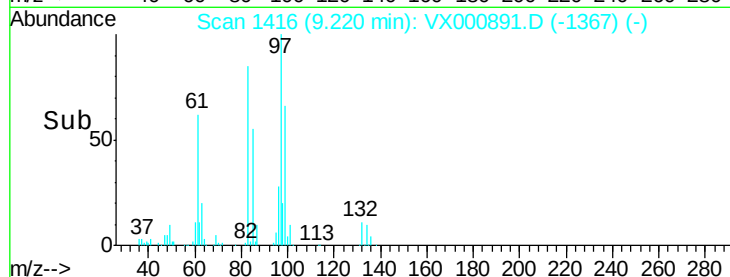
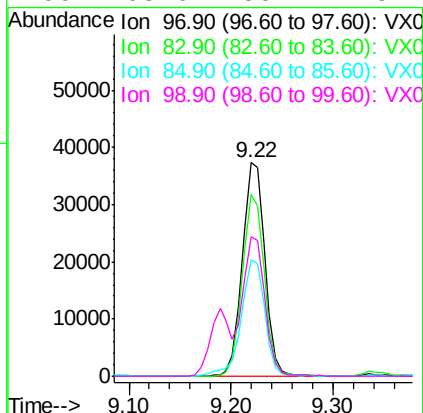
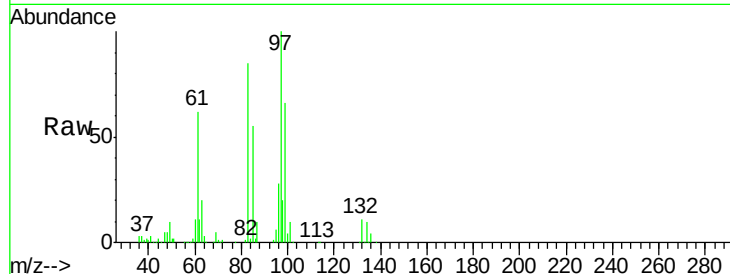




#55
 1,1,2-Trichloroethane
 Concen: 21.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

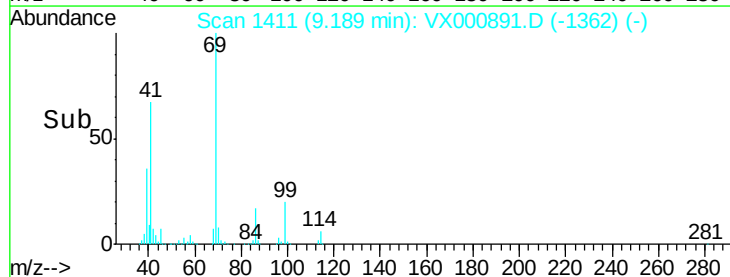
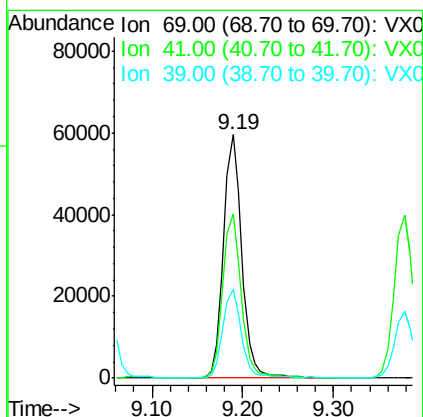
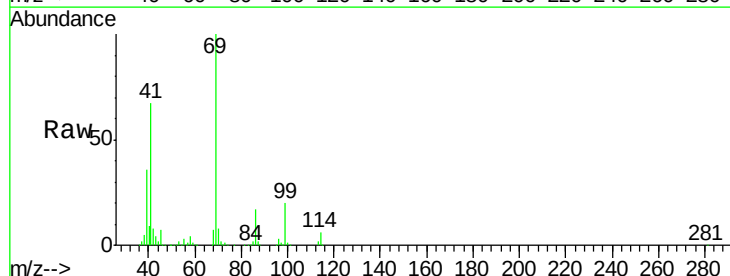
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

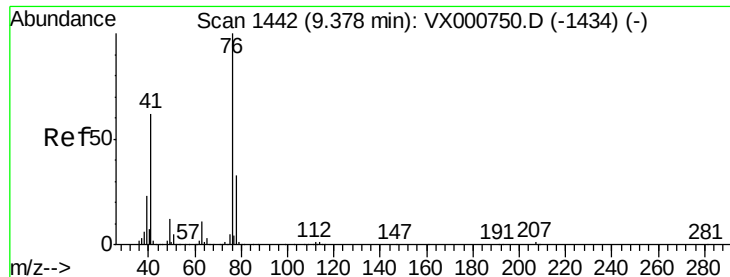
Tgt Ion:	97	Resp:	57152
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.6	101.4
85	54.8	43.8	65.6
99	65.6	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 20.22 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion:	69	Resp:	84792
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.6	83.4
39	36.7	30.3	45.5





#57

1,3-Dichloropropane

Concen: 21.55 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

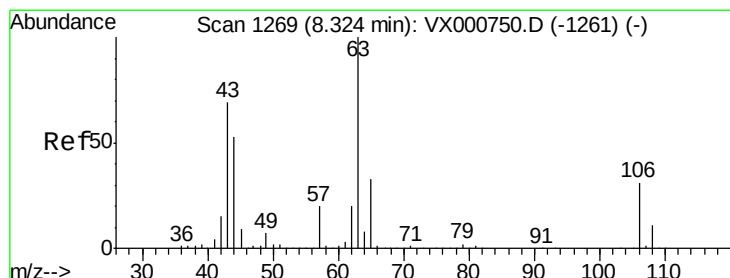
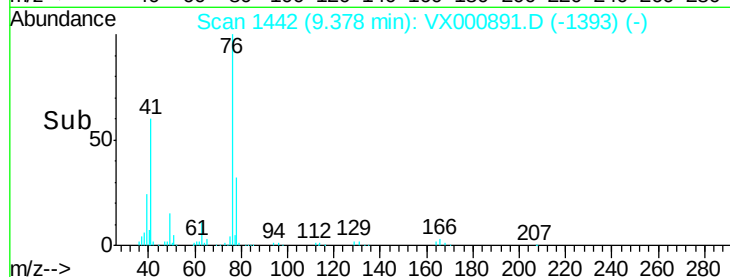
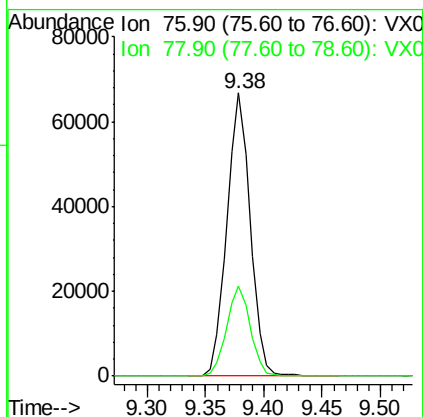
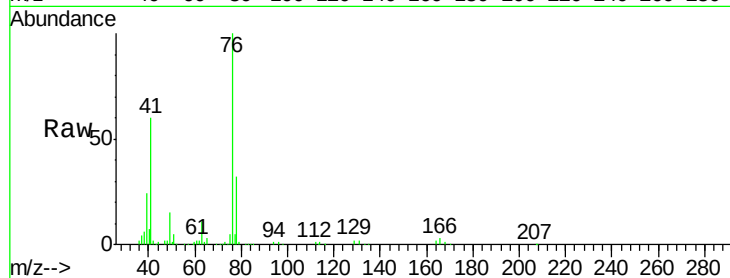
VX0415WBS01

Tgt Ion: 76 Resp: 93123

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.31 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000891.D

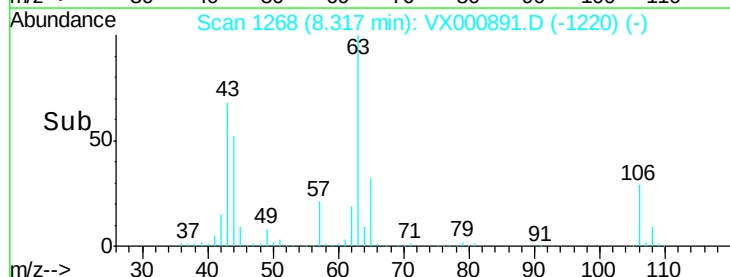
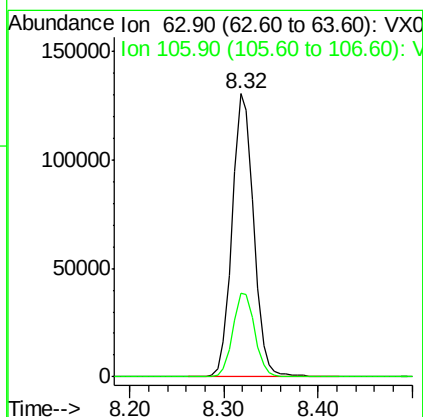
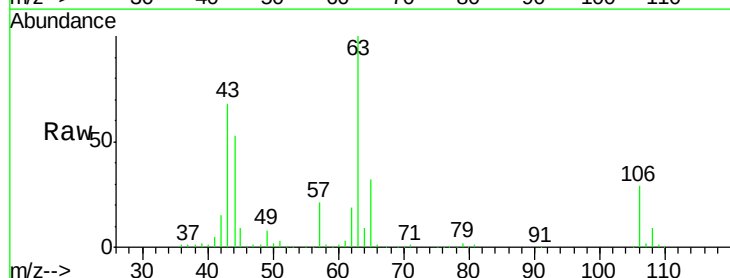
Acq: 15 Apr 2018 12:48

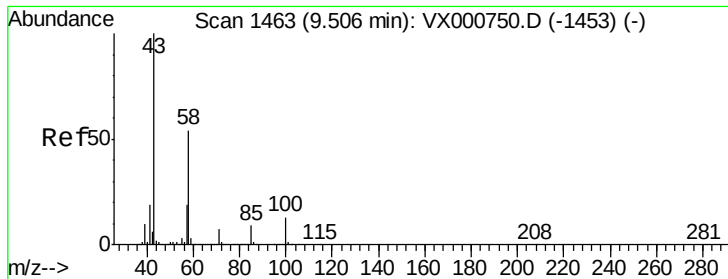
Tgt Ion: 63 Resp: 206340

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5

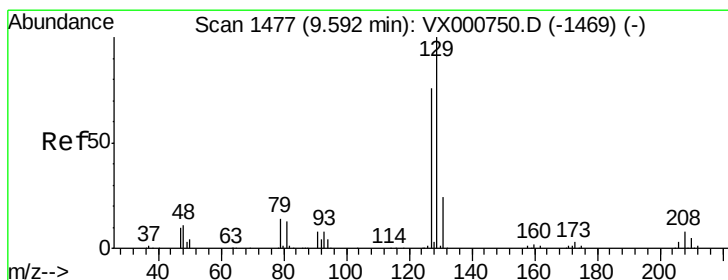
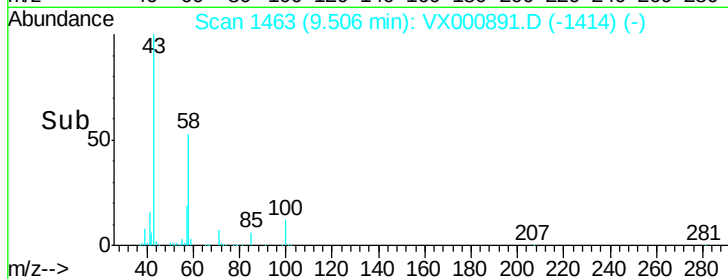
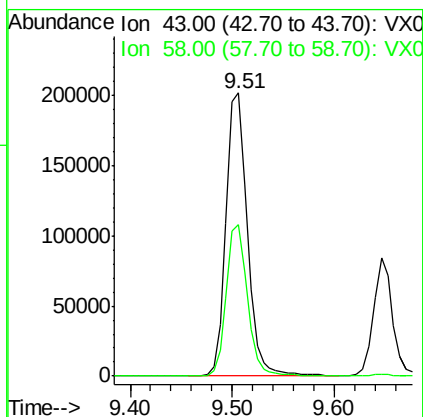
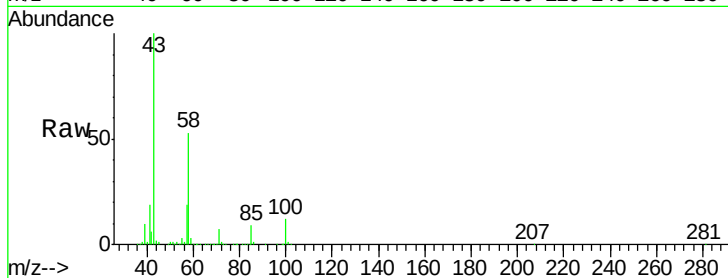




#59
2-Hexanone
Concen: 103.84 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

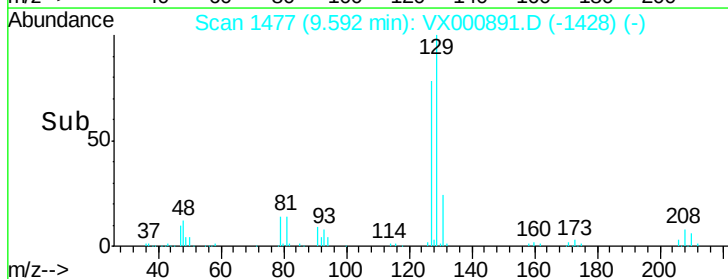
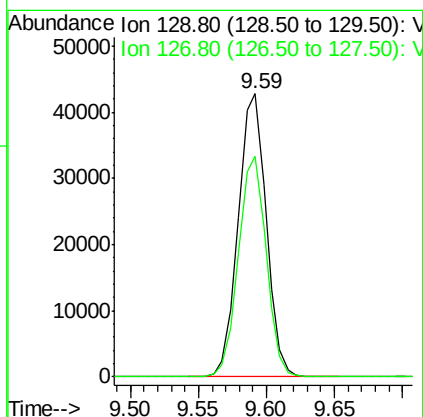
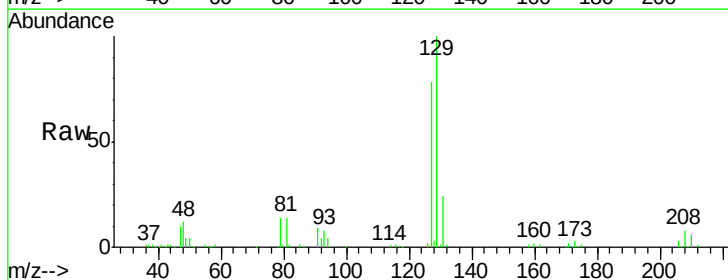
Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

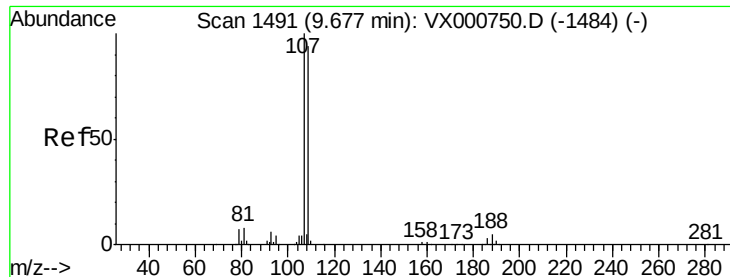
Tgt Ion: 43 Resp: 292776
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5



#60
Dibromochloromethane
Concen: 18.95 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion: 129 Resp: 61653
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1

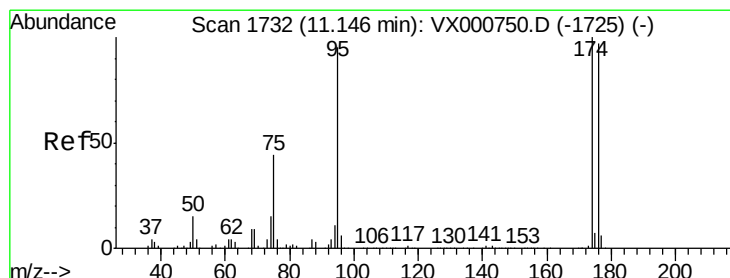
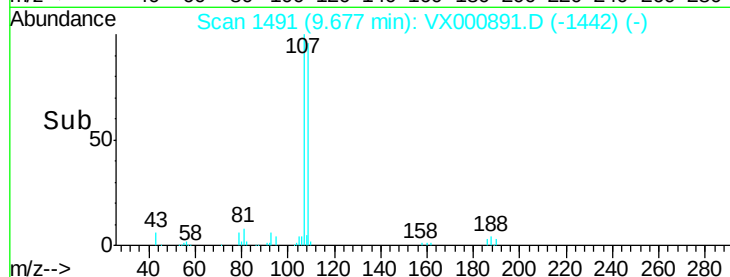
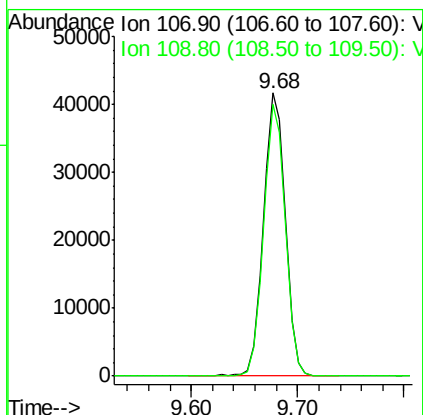
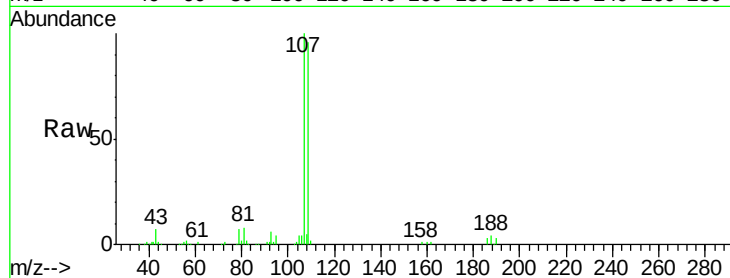




#61
 1,2-Dibromoethane
 Concen: 20.89 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

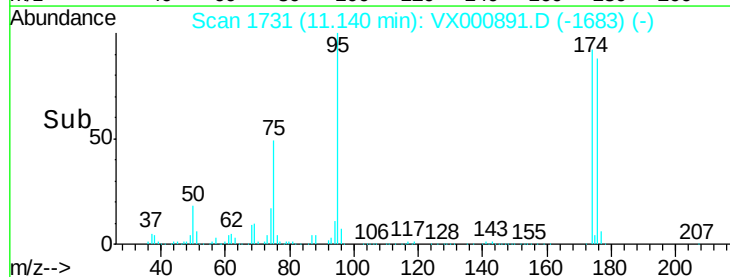
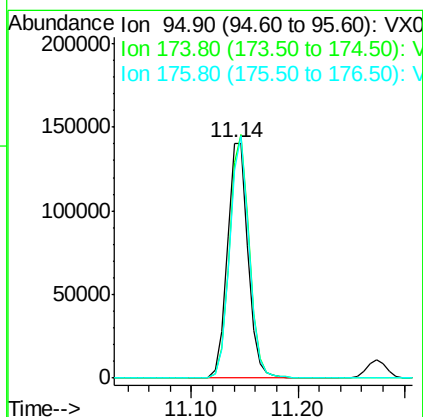
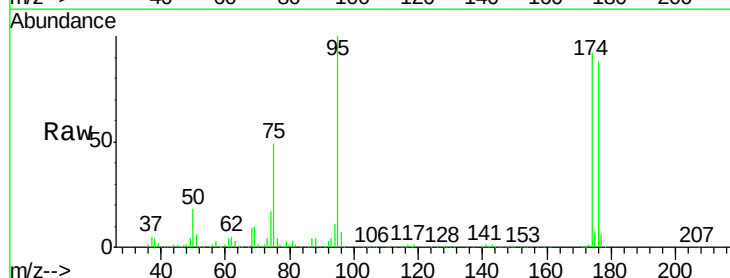
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

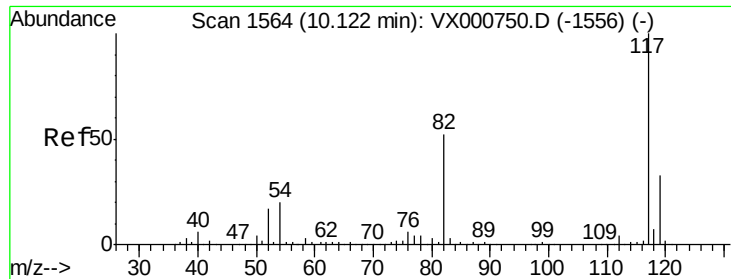
Tgt Ion: 107 Resp: 60260
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 47.72 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion: 95 Resp: 191045
 Ion Ratio Lower Upper
 95 100
 174 99.3 0.0 198.4
 176 96.9 0.0 194.4

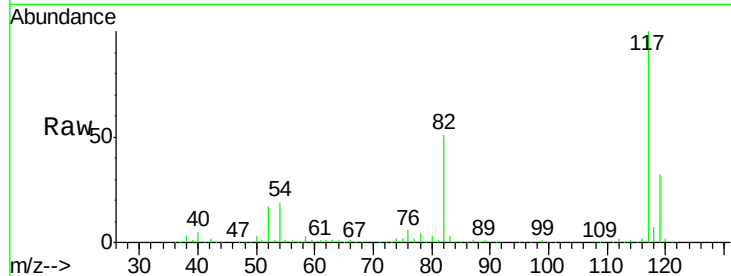




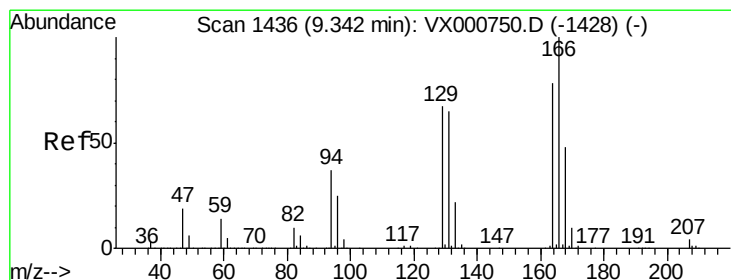
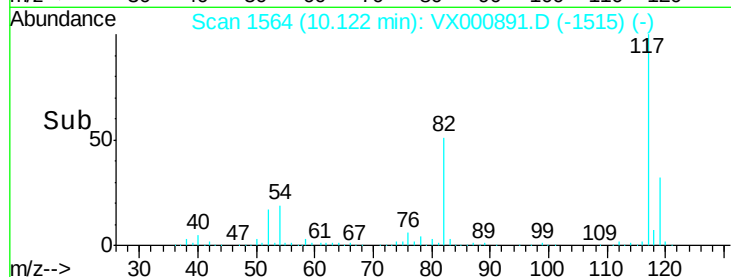
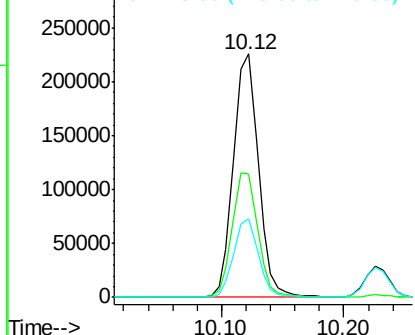
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampled :
VX0415WBS01

Tgt Ion:117 Resp: 320444
Ion Ratio Lower Upper
117 100
82 50.8 41.9 62.9
119 32.1 26.0 39.0

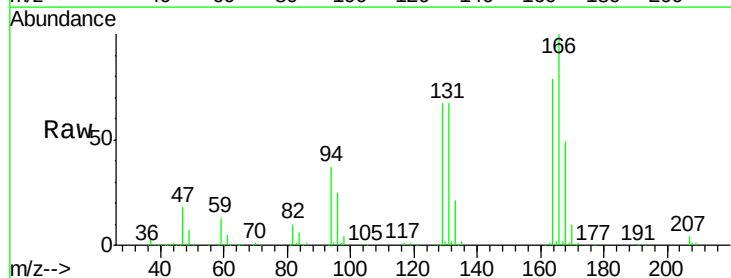


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

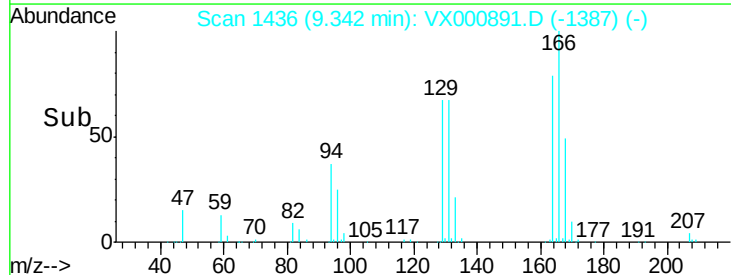
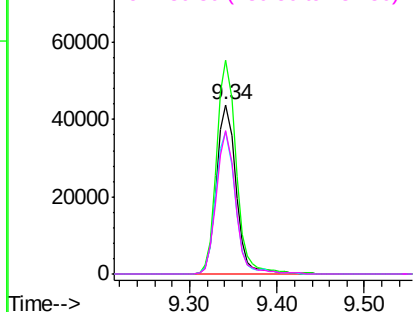


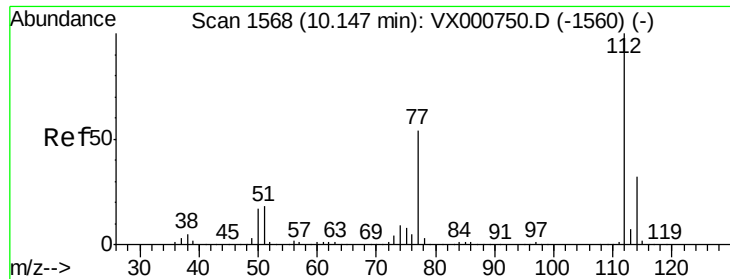
#64
Tetrachloroethene
Concen: 21.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion:164 Resp: 67903
Ion Ratio Lower Upper
164 100
166 125.9 102.8 154.2
129 83.9 68.5 102.7
131 84.7 66.6 100.0



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

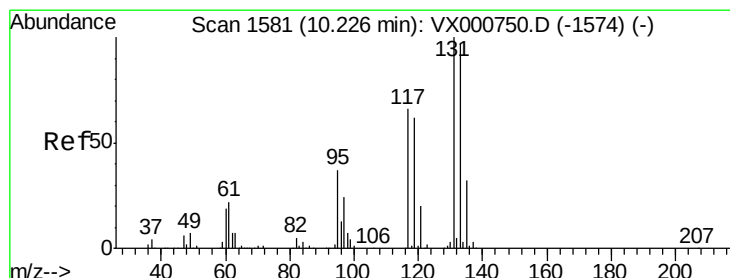
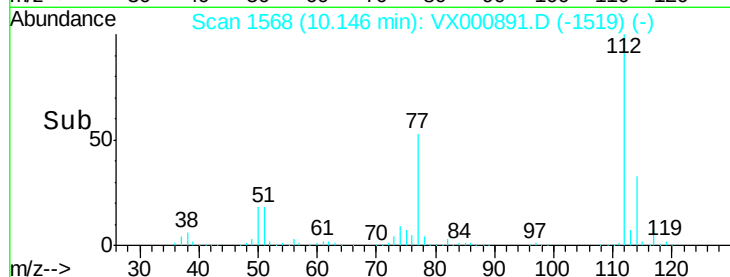
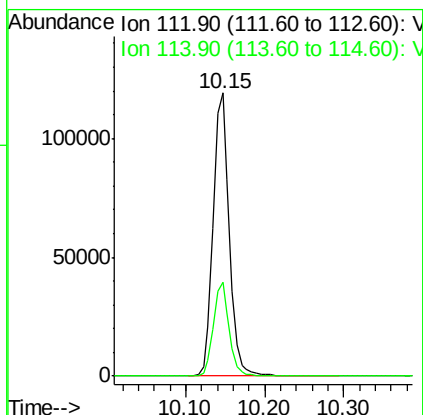
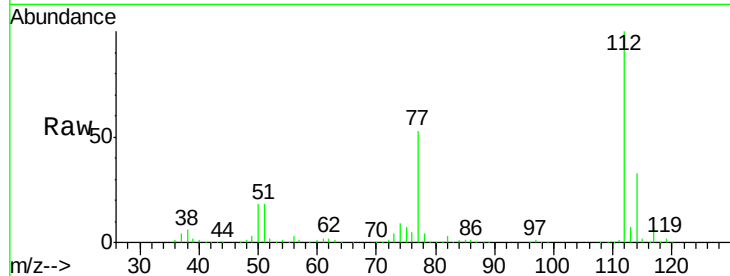




#65
Chlorobenzene
Concen: 21.00 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

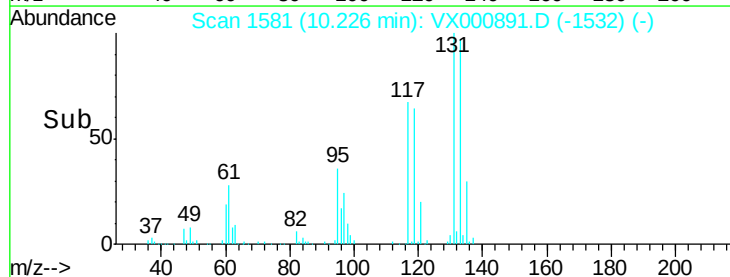
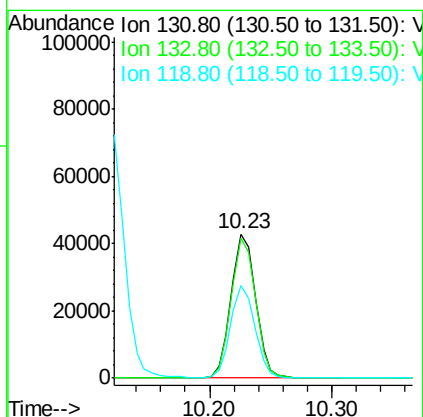
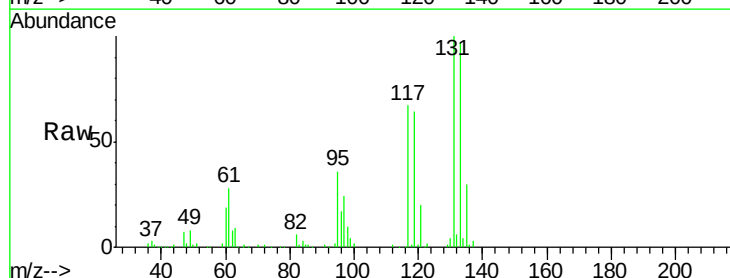
Instrument :
MSVOA_X
ClientSampled :
VX0415WBS01

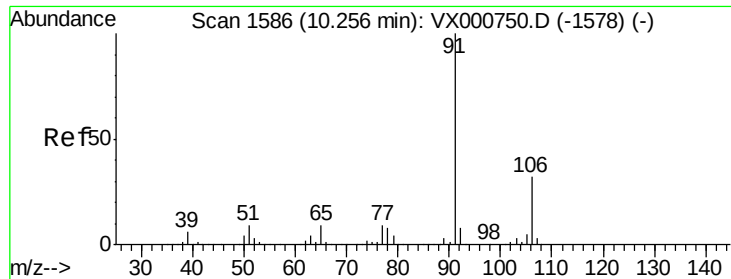
Tgt Ion:112 Resp: 169250
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.61 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion:131 Resp: 59497
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 63.8 31.4 94.0

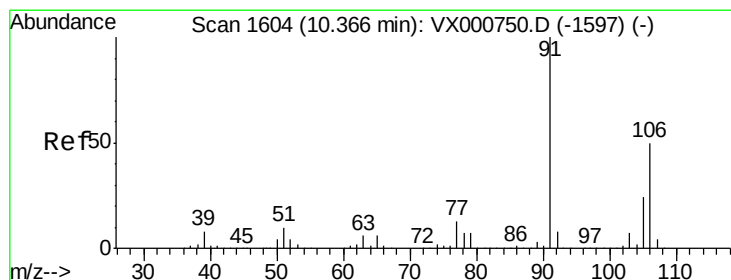
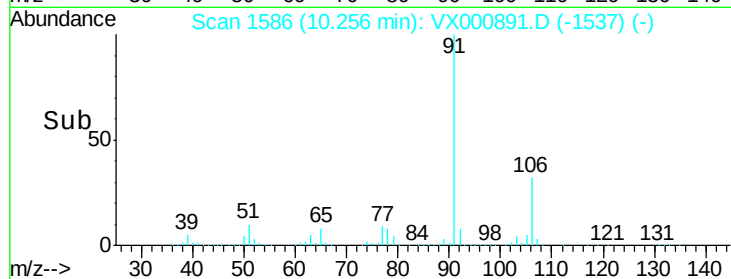
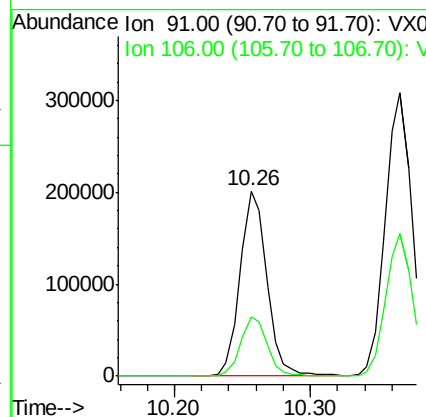
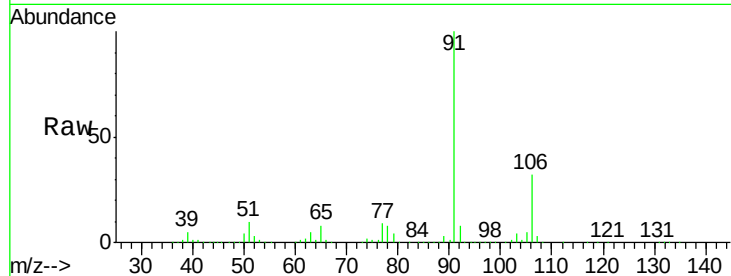




#67
Ethyl Benzene
Concen: 20.62 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

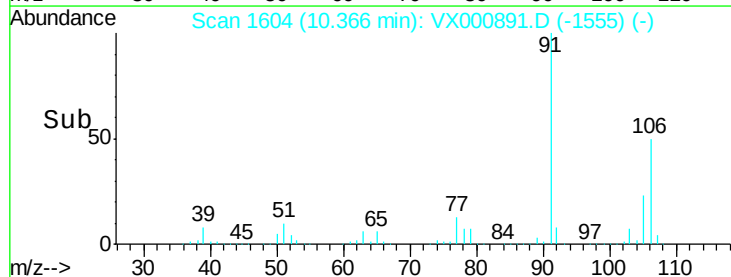
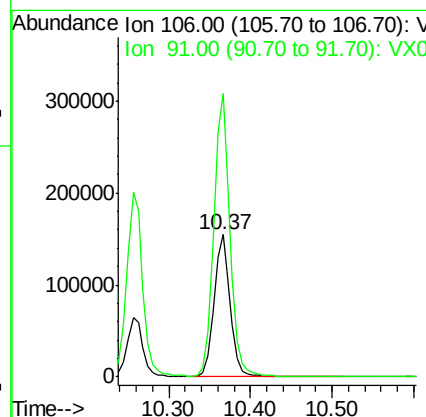
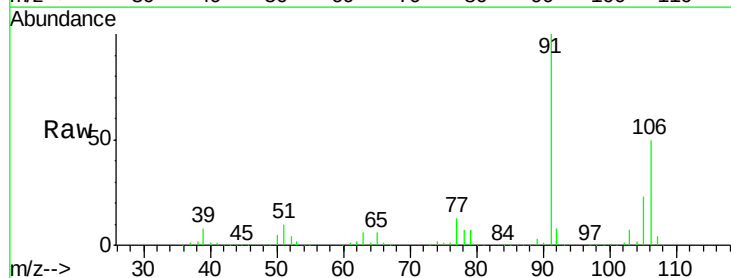
Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

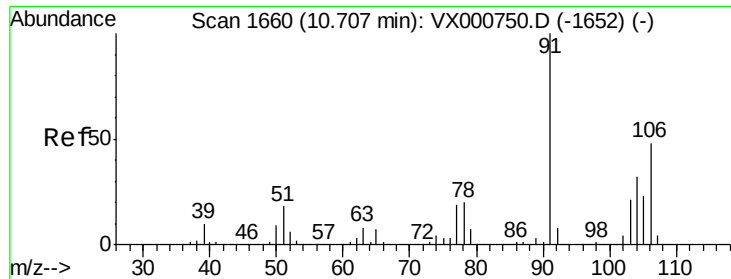
Tgt Ion: 91 Resp: 277122
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 40.97 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion: 106 Resp: 217332
Ion Ratio Lower Upper
106 100
91 200.3 159.3 238.9

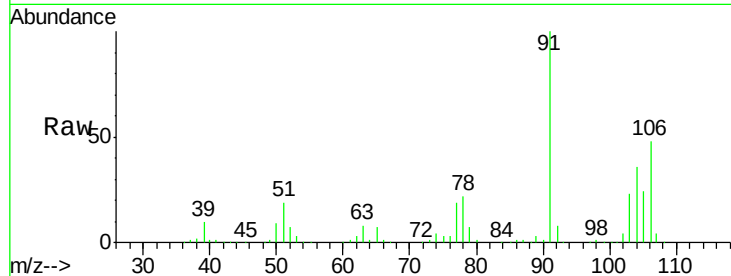




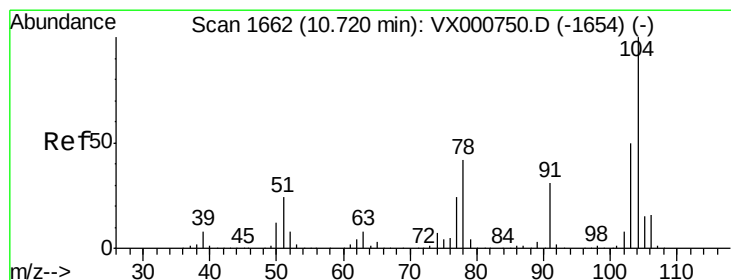
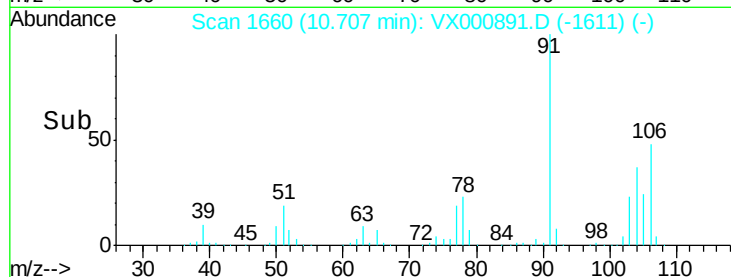
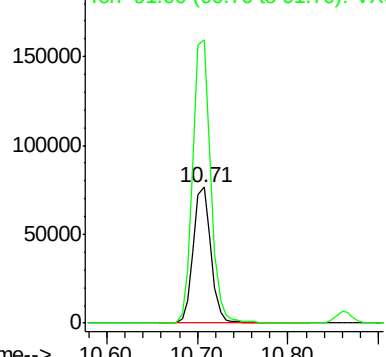
#69
o-Xylene
Concen: 20.56 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBS01

Tgt Ion:106 Resp: 105105
Ion Ratio Lower Upper
106 100
91 211.2 105.0 315.0

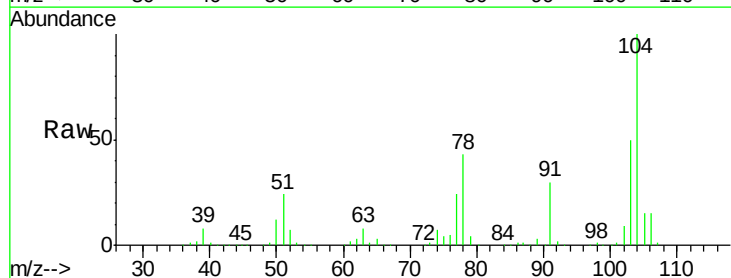


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

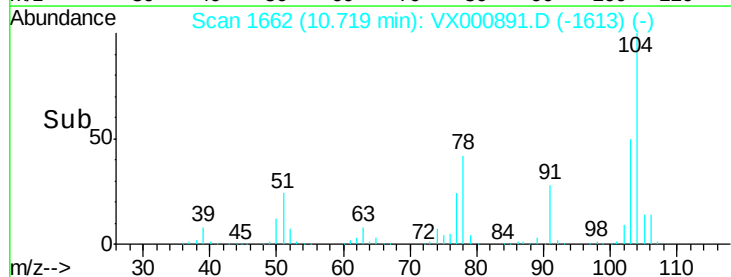
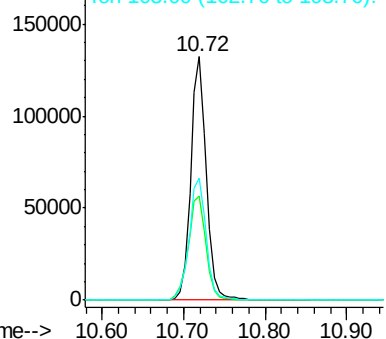


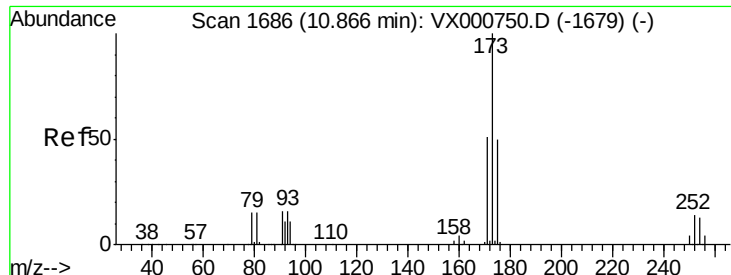
#70
Styrene
Concen: 20.47 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion:104 Resp: 176409
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 55.3 44.1 66.1



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





#71

Bromoform

Concen: 17.56 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

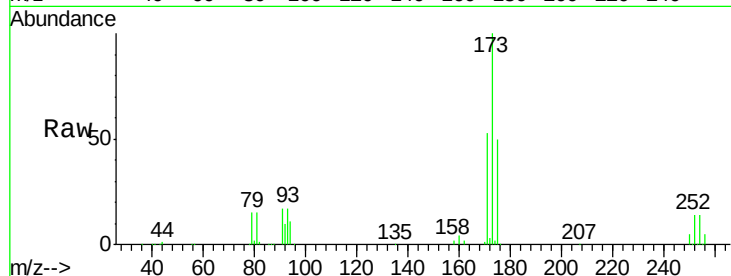
Tgt Ion:173 Resp: 49336

Ion Ratio Lower Upper

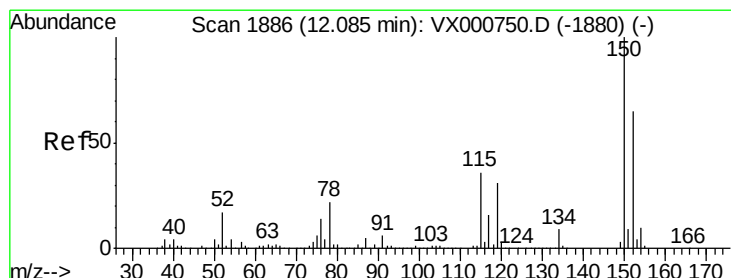
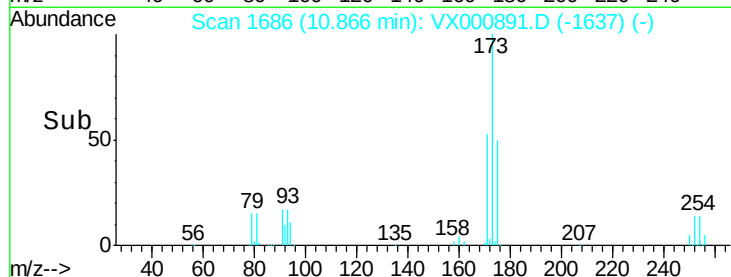
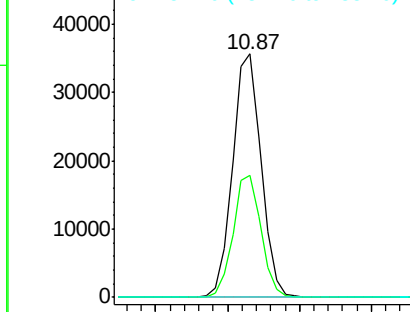
173 100

175 49.0 24.5 73.5

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

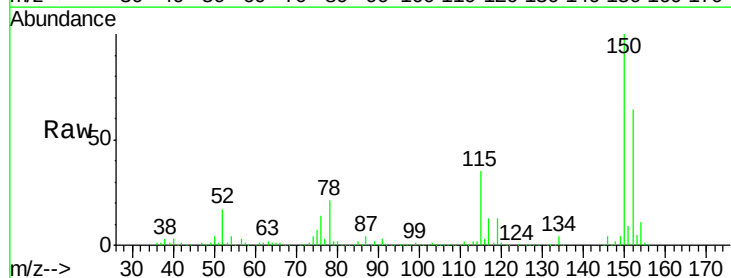
Tgt Ion:152 Resp: 216460

Ion Ratio Lower Upper

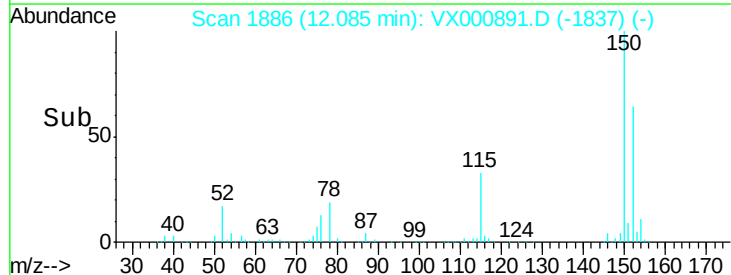
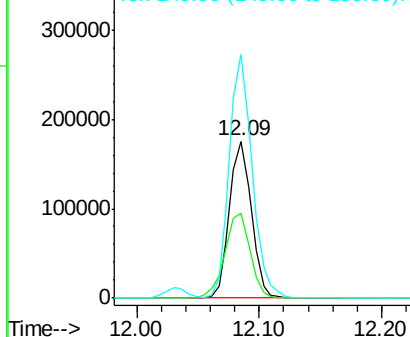
152 100

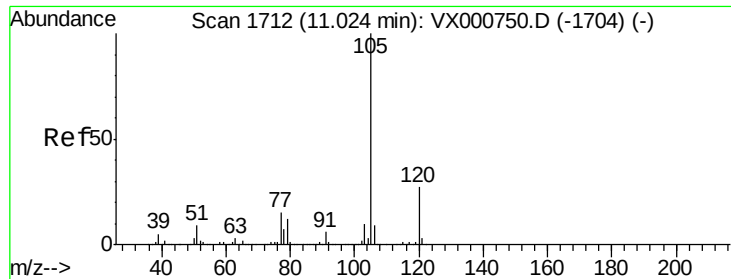
115 62.3 37.9 113.7

150 162.5 0.0 348.0



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: 20.93 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

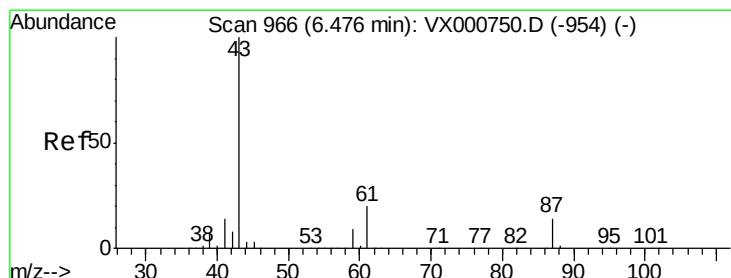
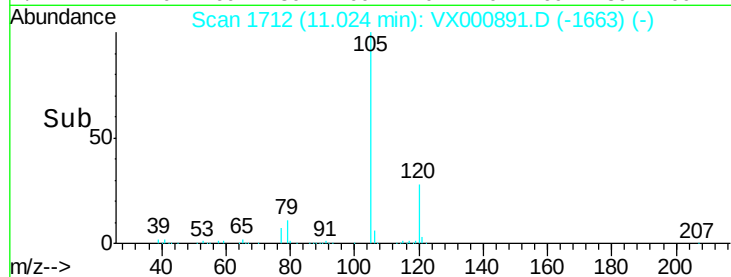
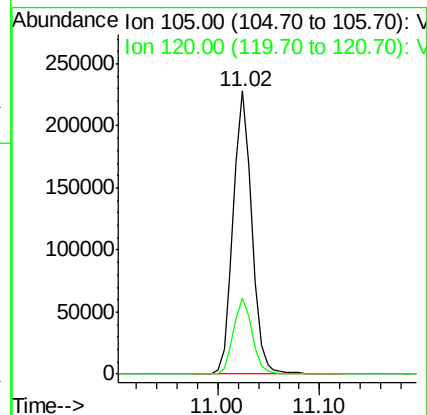
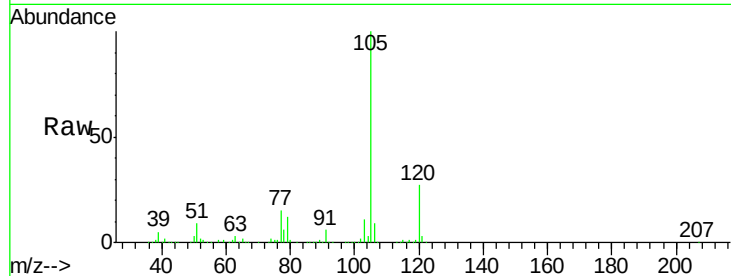
VX0415WBS01

Tgt Ion: 105 Resp: 287382

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.0



#74

N-ethyl acetate

Concen: 19.79 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Tgt Ion: 43 Resp: 122392

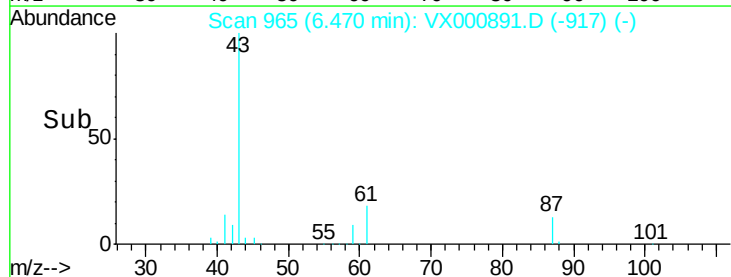
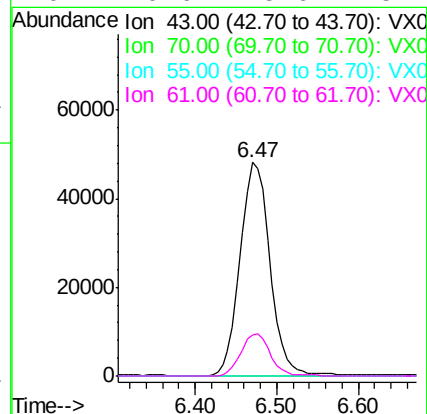
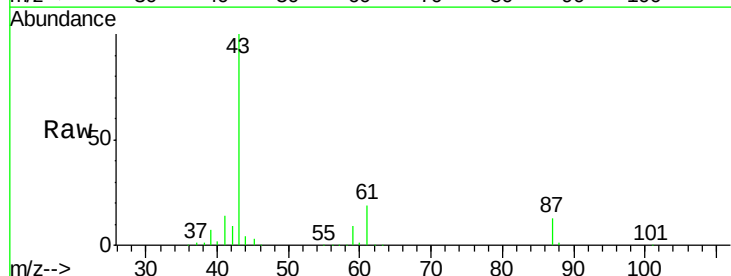
Ion Ratio Lower Upper

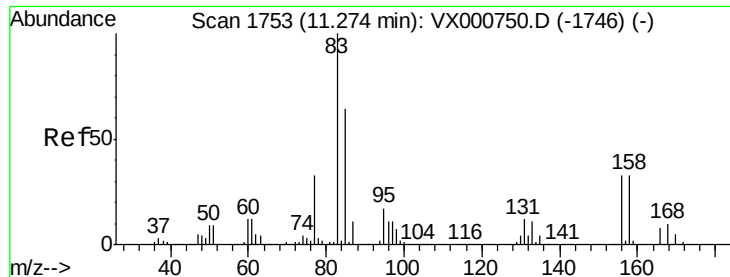
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.6 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

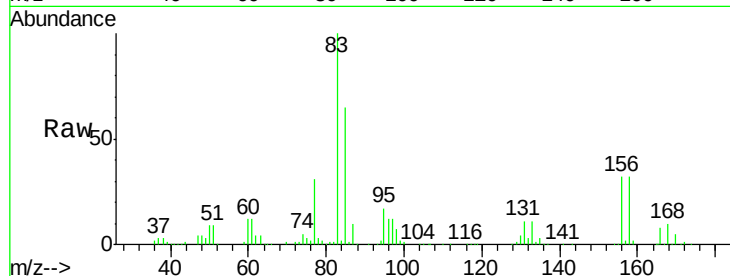
Tgt Ion: 83 Resp: 82883

Ion Ratio Lower Upper

83 100

131 11.5 6.0 18.0

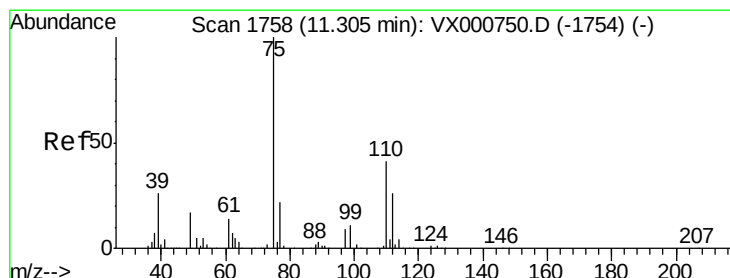
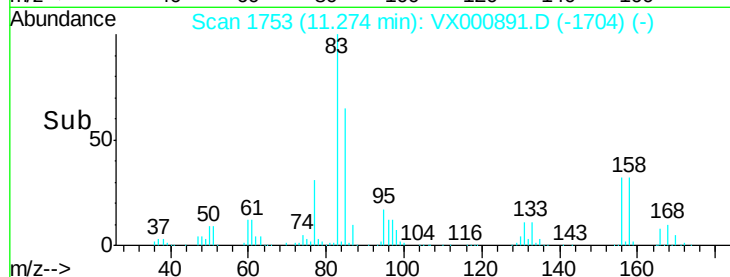
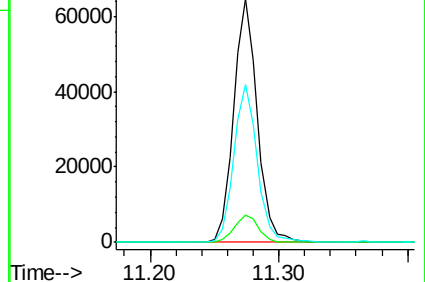
85 64.9 32.3 96.8



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: 24.99 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000891.D

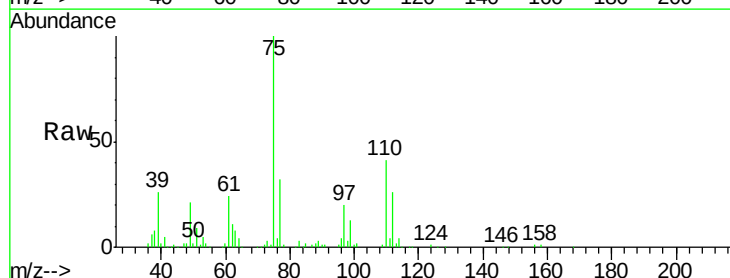
Acq: 15 Apr 2018 12:48

Tgt Ion: 75 Resp: 93282

Ion Ratio Lower Upper

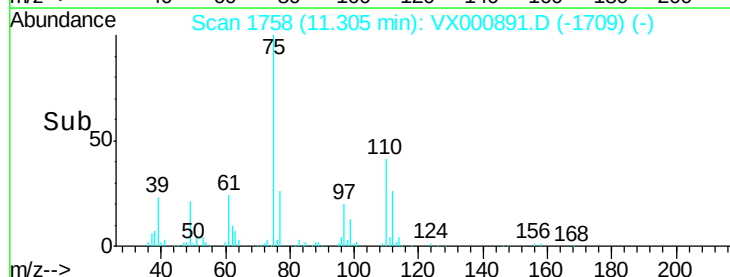
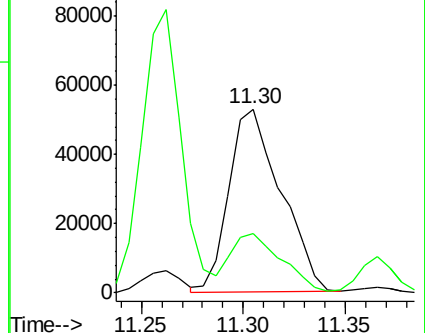
75 100

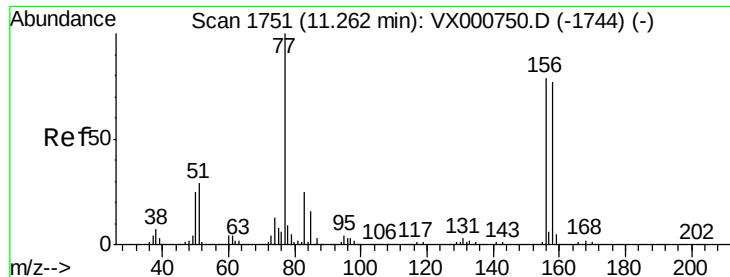
77 32.1 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.61 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

VX0415WBS01

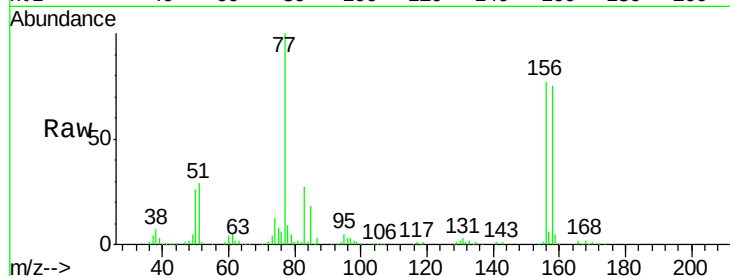
Tgt Ion:156 Resp: 82935

Ion Ratio Lower Upper

156 100

77 131.7 66.0 198.2

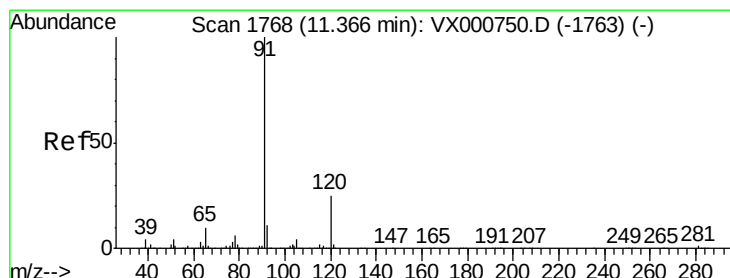
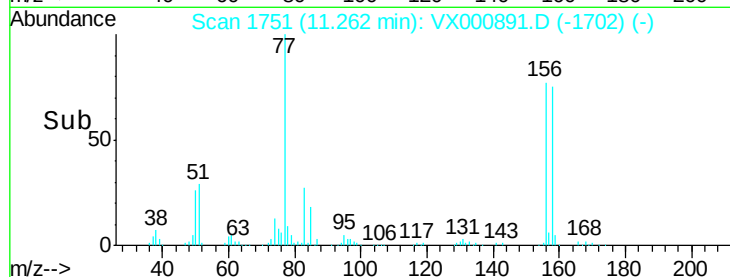
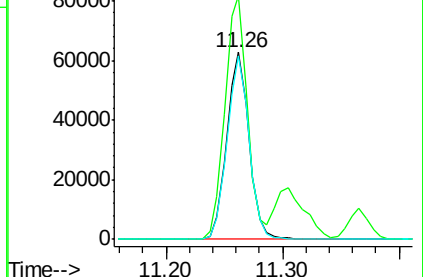
158 97.4 48.8 146.4



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: 20.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000891.D

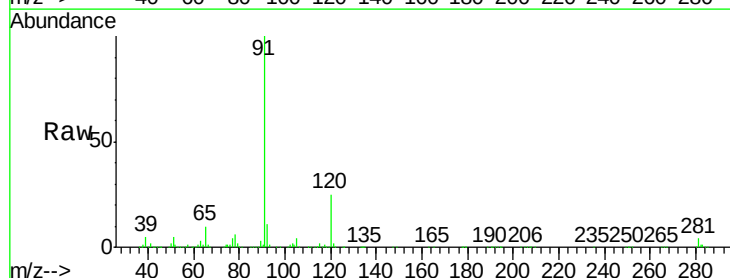
Acq: 15 Apr 2018 12:48

Tgt Ion: 91 Resp: 322534

Ion Ratio Lower Upper

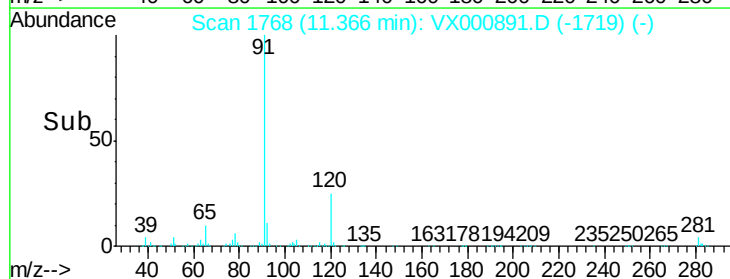
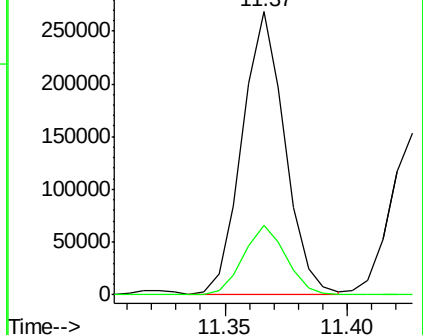
91 100

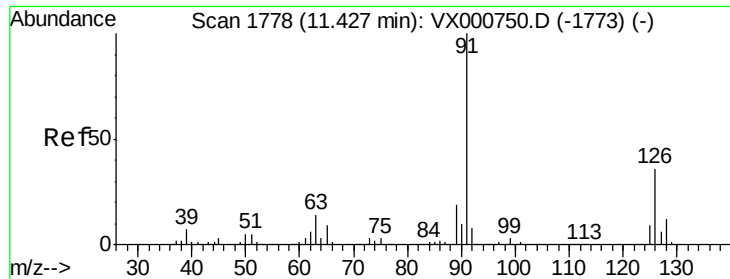
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

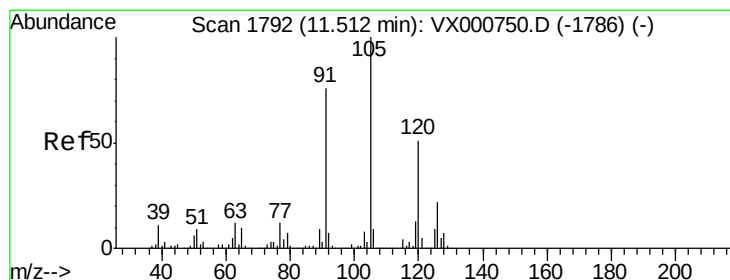
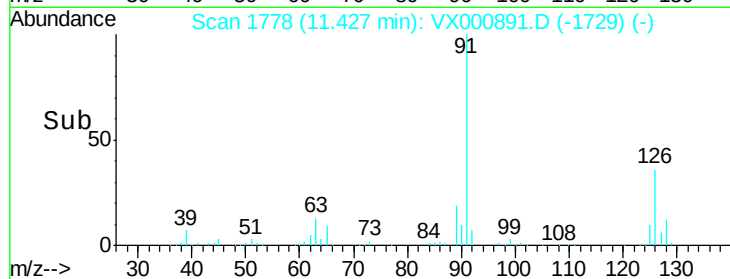
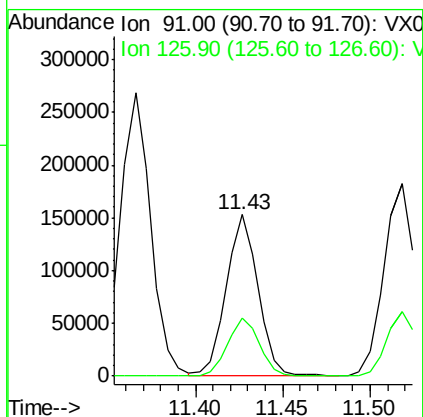
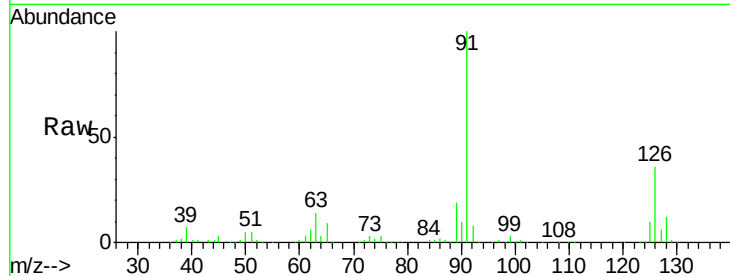




#79
 2-Chlorotoluene
 Concen: 20.72 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

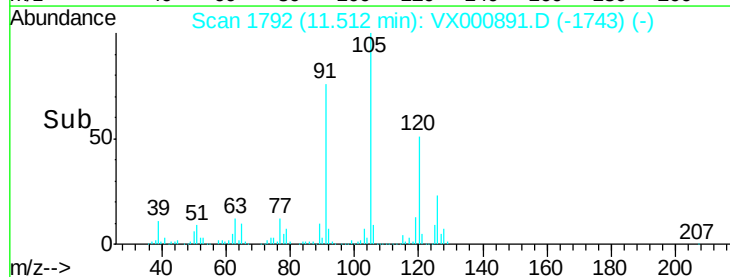
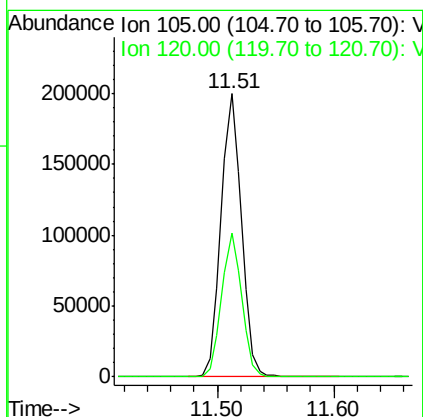
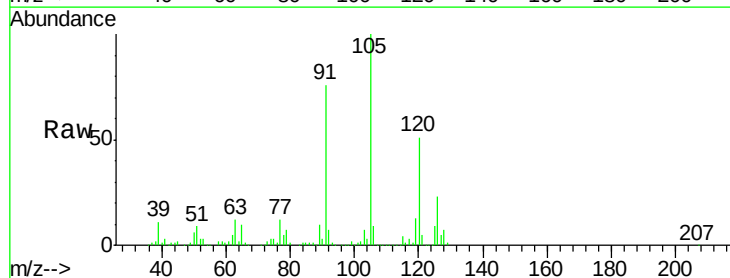
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

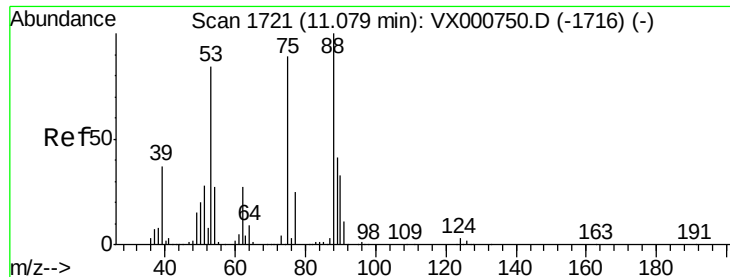
Tgt Ion: 91 Resp: 192371
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.47 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion: 105 Resp: 241728
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

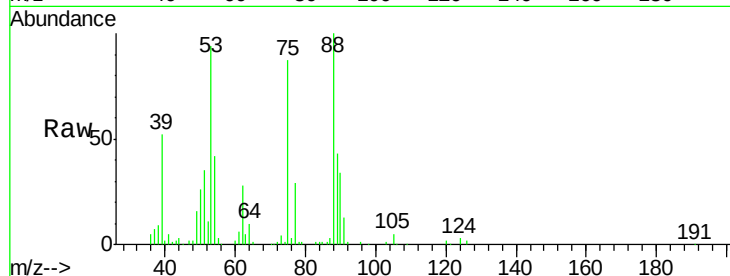
Tgt Ion: 75 Resp: 21392

Ion Ratio Lower Upper

75 100

53 108.9 75.4 113.0

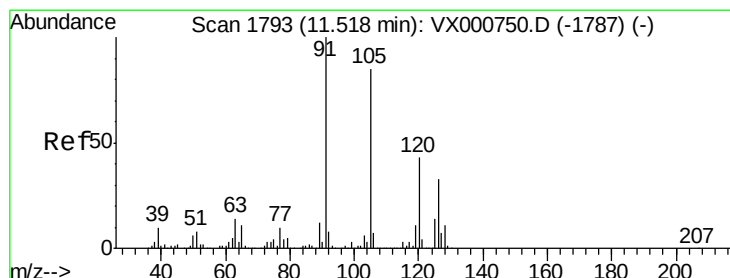
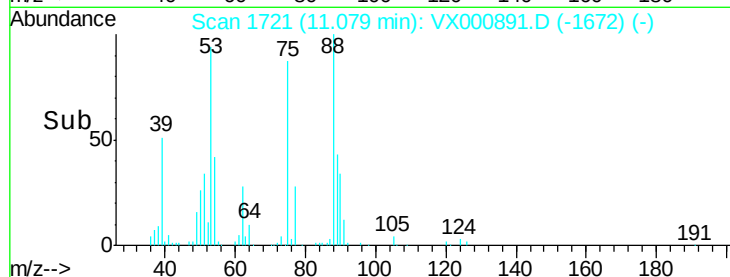
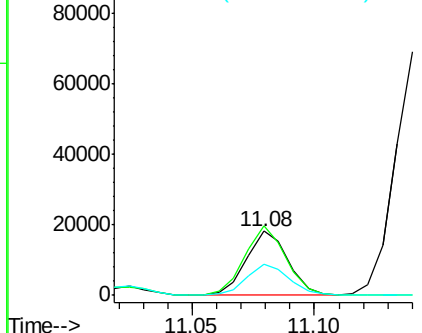
89 51.8 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.44 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000891.D

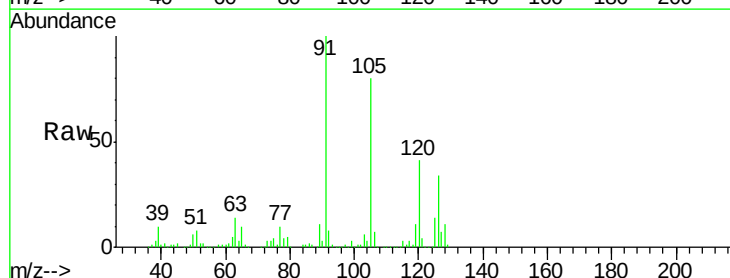
Acq: 15 Apr 2018 12:48

Tgt Ion: 91 Resp: 228998

Ion Ratio Lower Upper

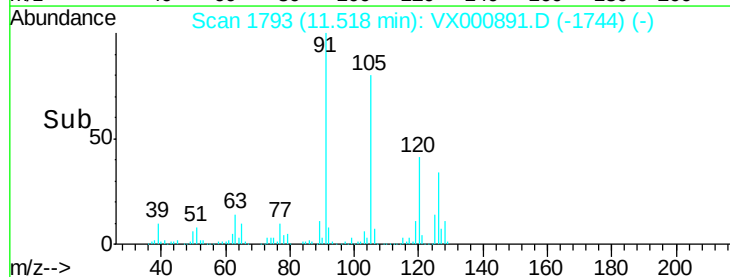
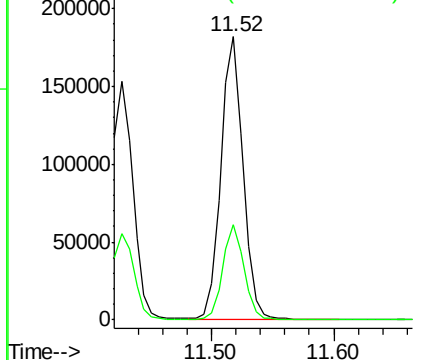
91 100

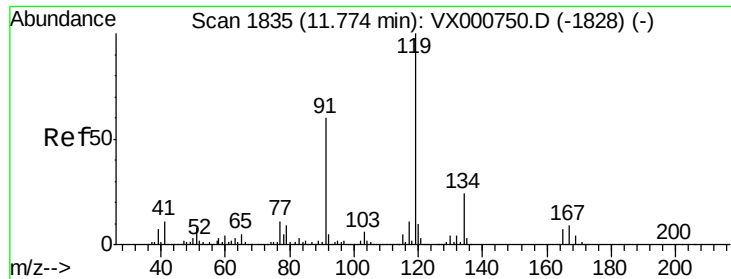
126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

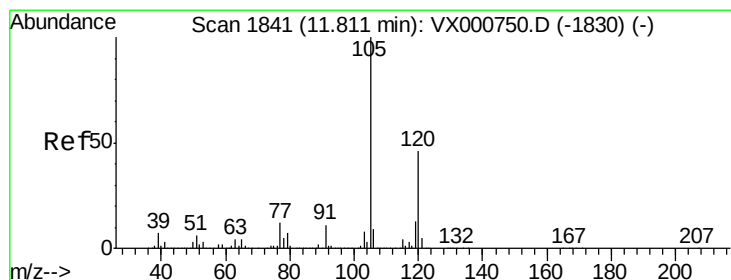
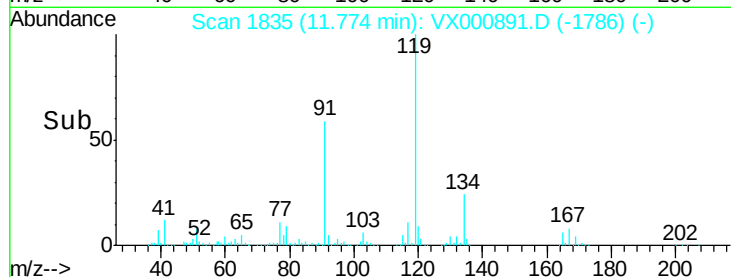
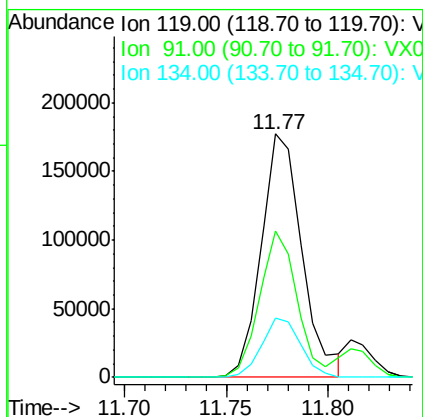
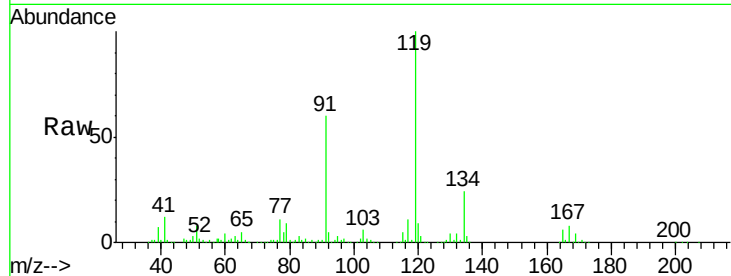




#83
 tert-Butylbenzene
 Concen: 20.39 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

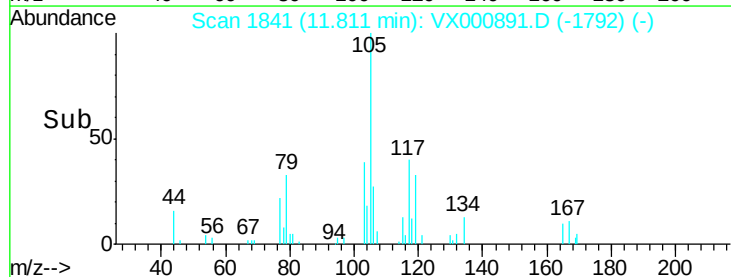
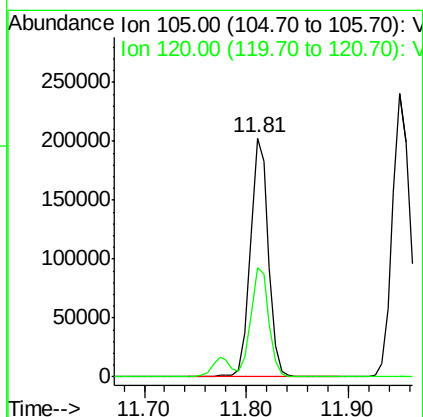
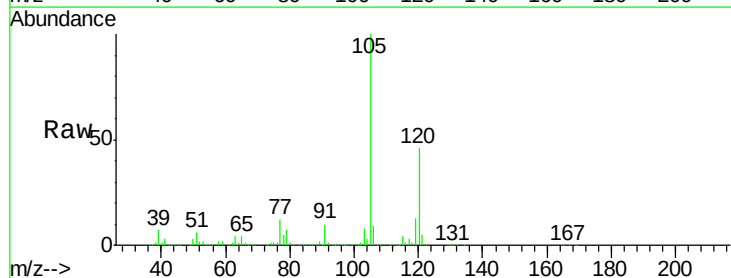
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

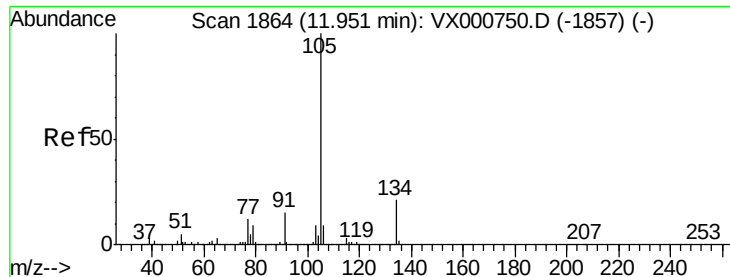
Tgt Ion:119 Resp: 246367
 Ion Ratio Lower Upper
 119 100
 91 55.3 26.8 80.3
 134 23.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.49 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion:105 Resp: 249807
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.58 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

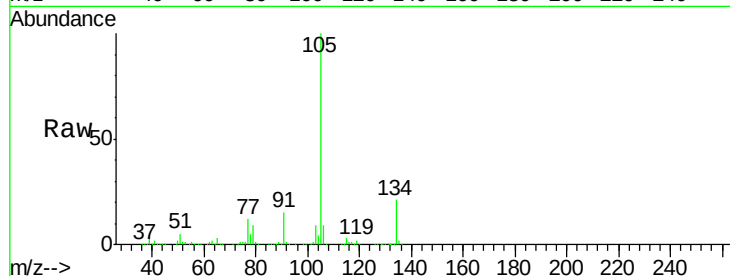
VX0415WBS01

Tgt Ion:105 Resp: 293393

Ion Ratio Lower Upper

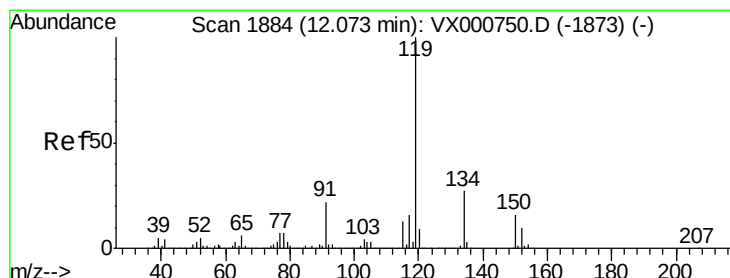
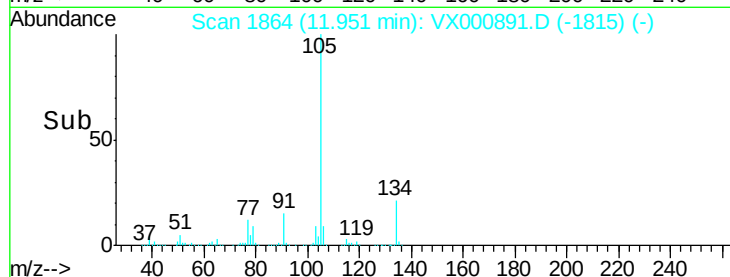
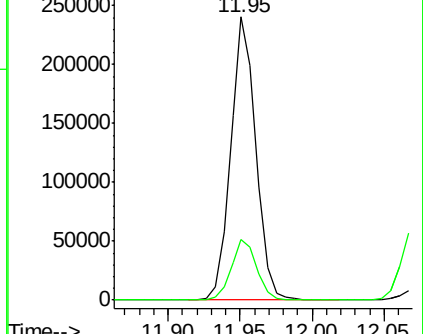
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.44 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

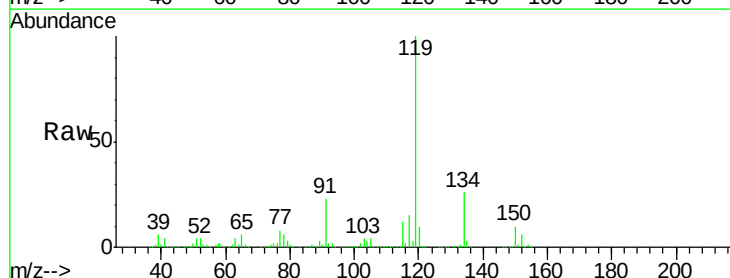
Tgt Ion:119 Resp: 271690

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

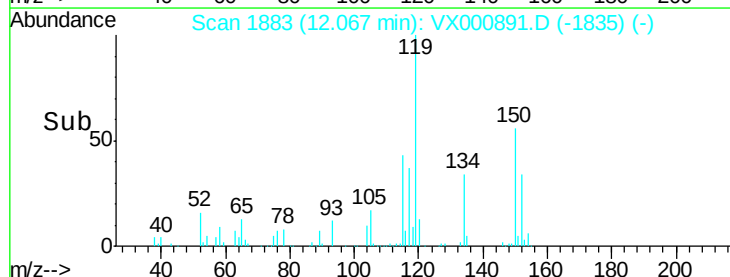
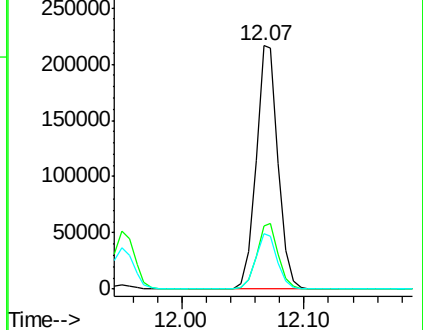
91 22.8 11.2 33.5

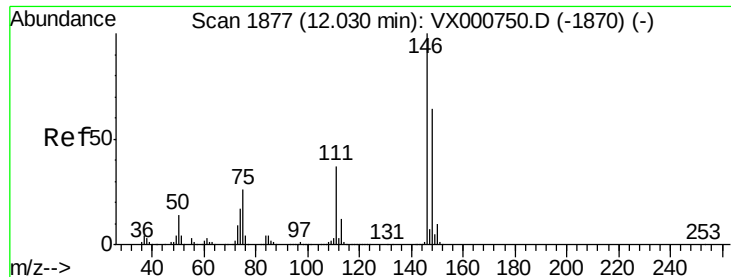


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

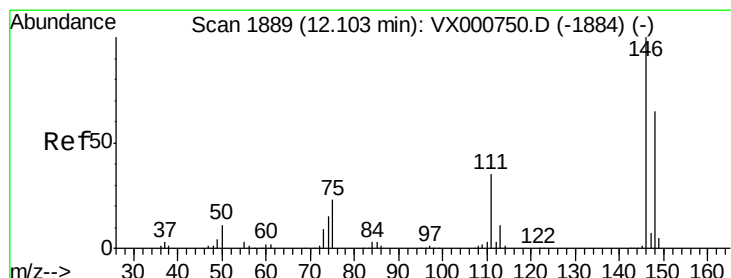
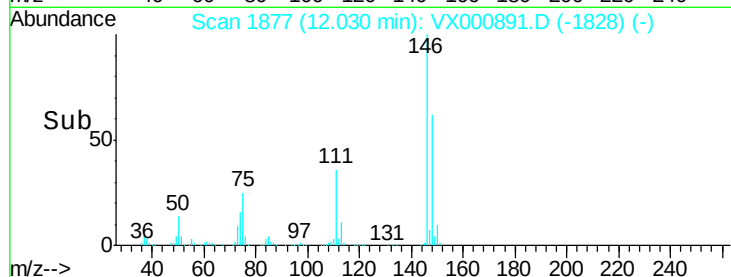
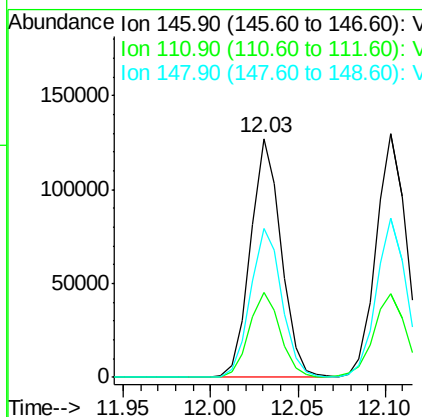
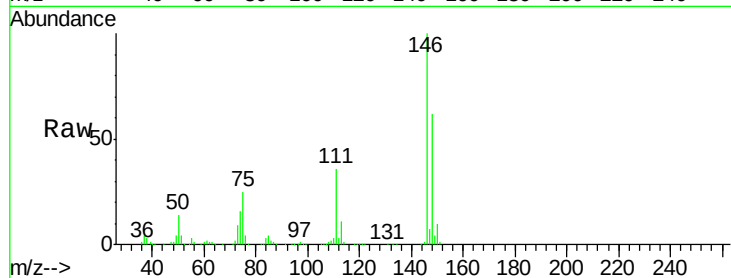




#87
 1,3-Dichlorobenzene
 Concen: 20.83 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

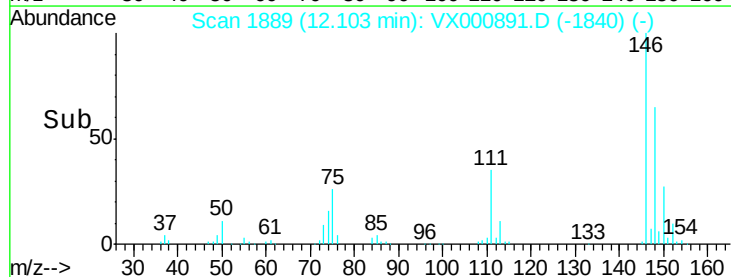
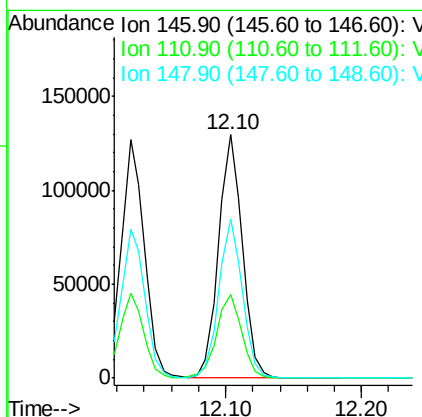
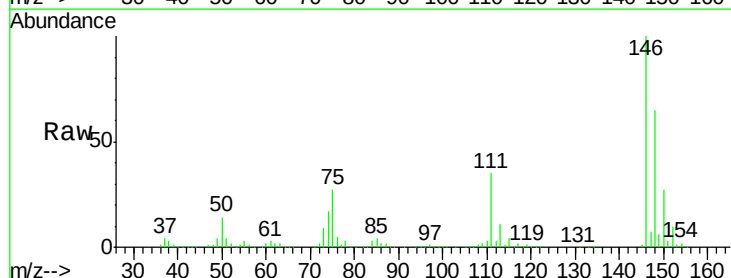
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

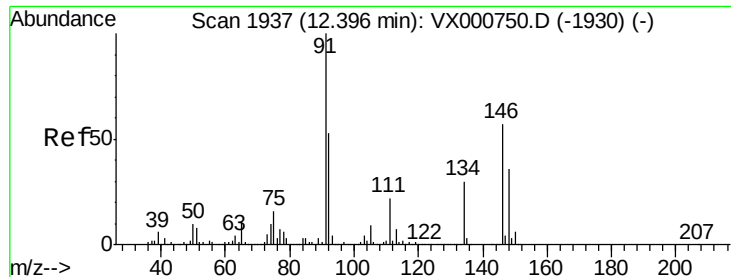
Tgt Ion:146 Resp: 155156
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.3 54.8
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion:146 Resp: 156599
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.9 53.8
 148 65.0 32.6 97.7

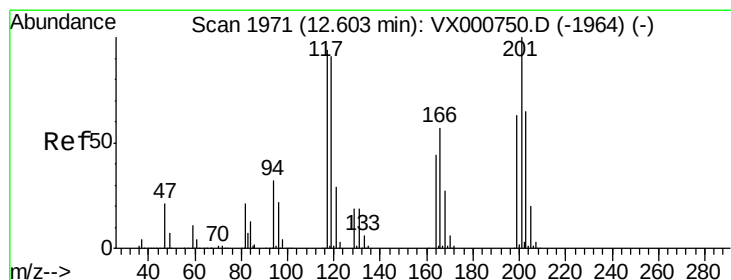
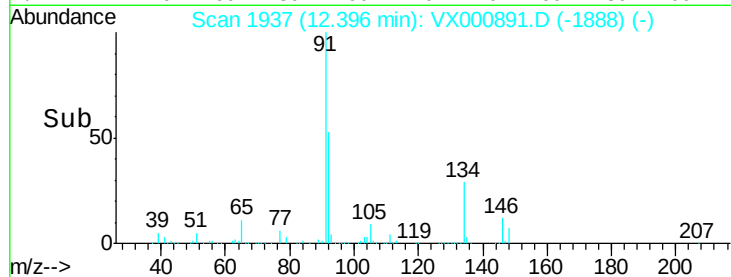
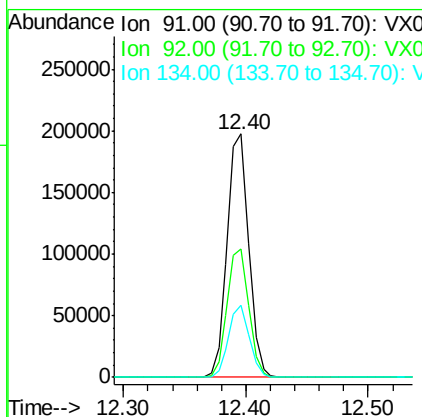
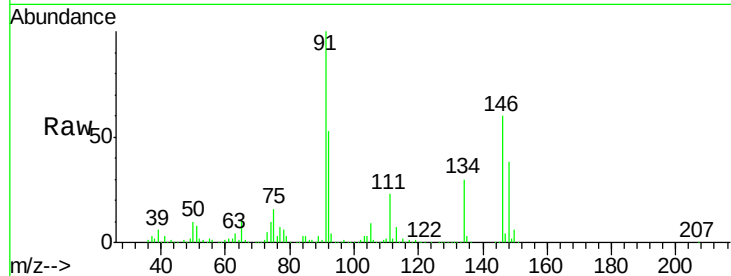




#89
n-Butylbenzene
Concen: 20.40 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

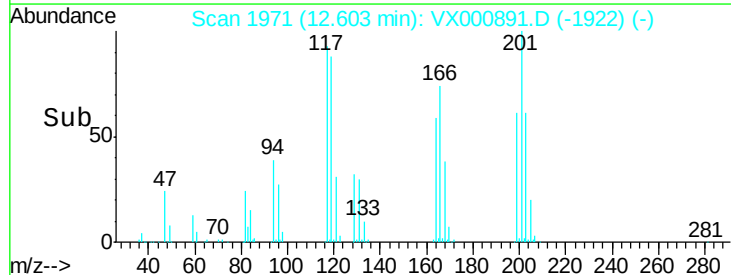
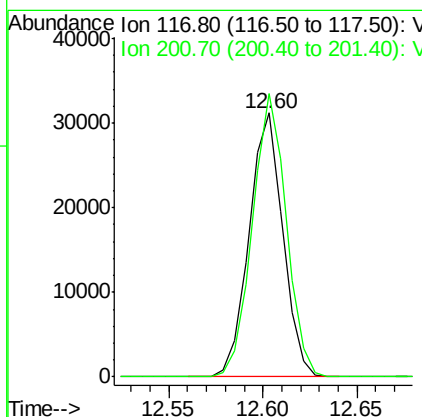
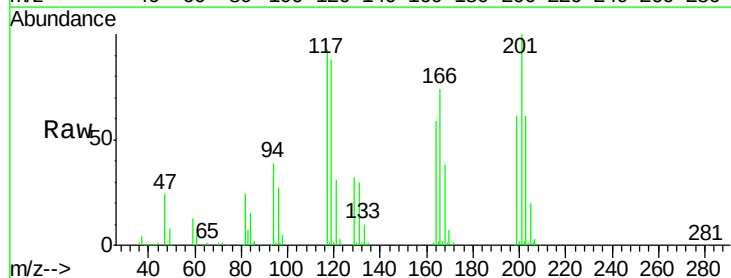
Instrument :
MSVOA_X
ClientSampled :
VX0415WBS01

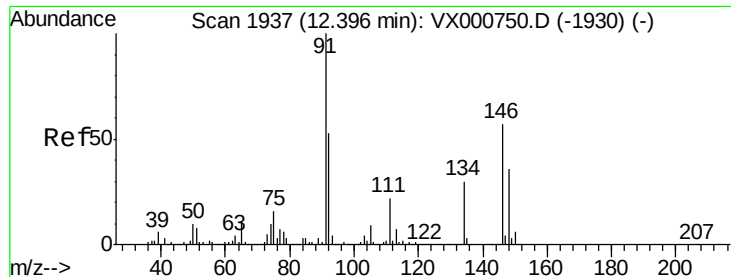
Tgt Ion: 91 Resp: 239329
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 28.5 14.5 43.5



#90
Hexachloroethane
Concen: 17.22 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000891.D
Acq: 15 Apr 2018 12:48

Tgt Ion: 117 Resp: 38727
Ion Ratio Lower Upper
117 100
201 107.2 52.9 158.7

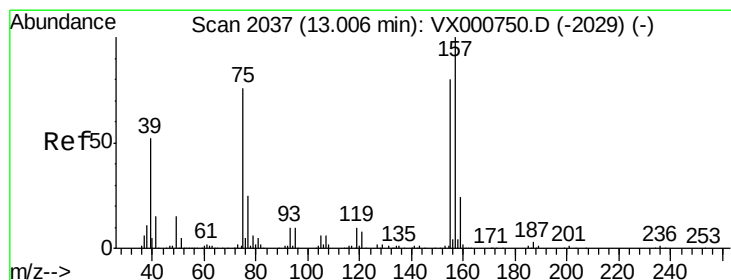
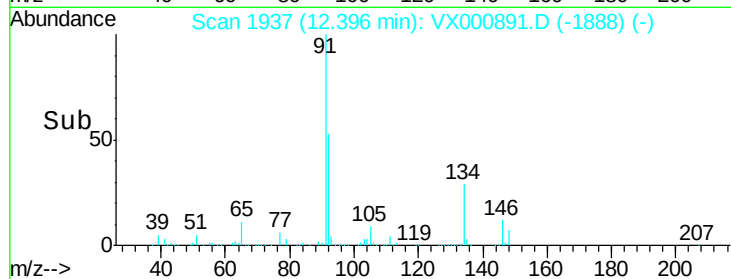
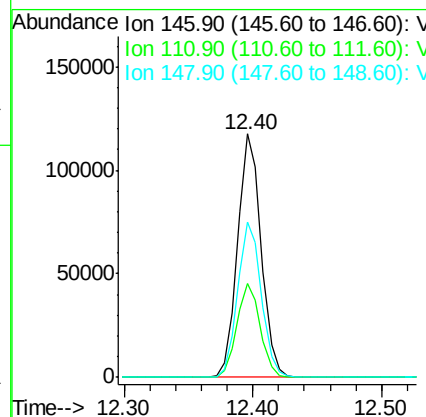
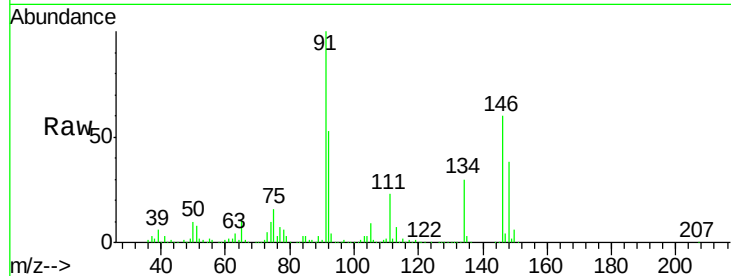




#91
 1,2-Dichlorobenzene
 Concen: 20.84 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

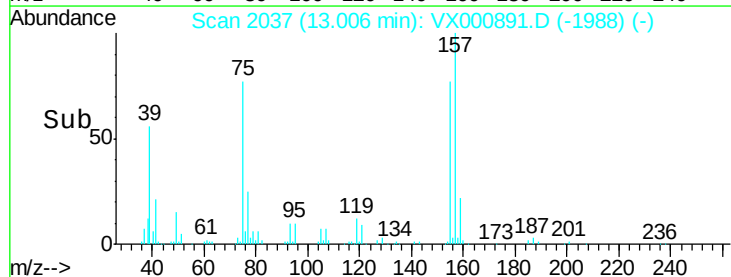
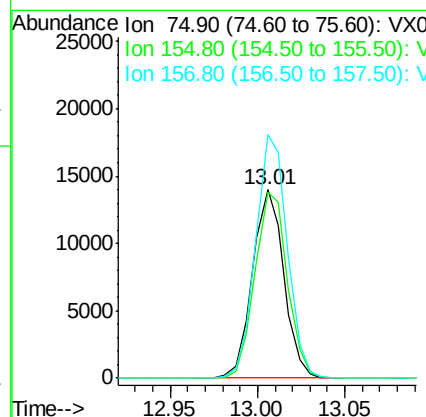
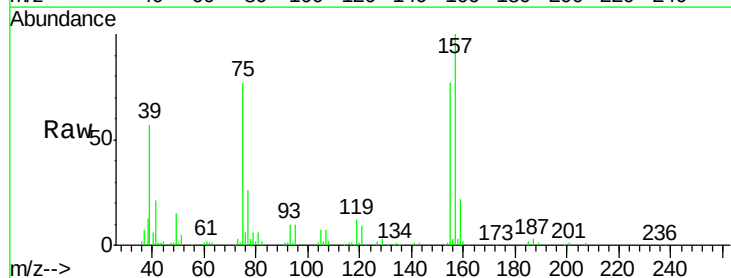
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

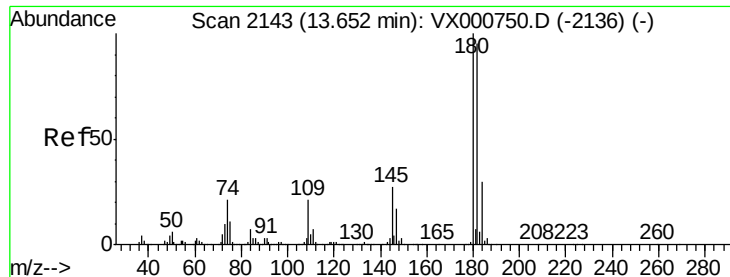
Tgt Ion: 146 Resp: 149893
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.37 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion: 75 Resp: 17346
 Ion Ratio Lower Upper
 75 100
 155 102.2 51.9 155.8
 157 130.7 66.6 199.8

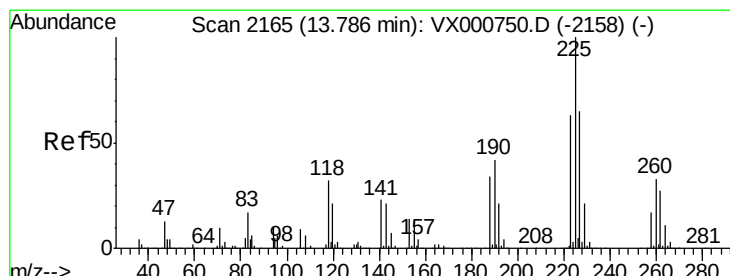
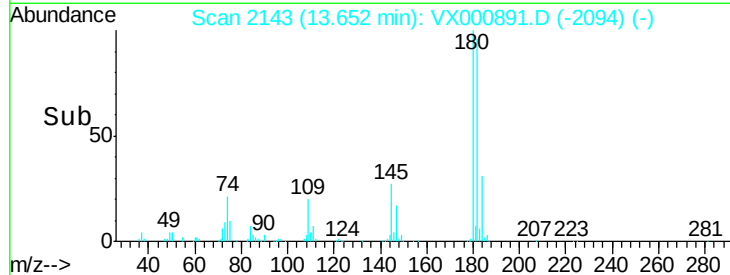
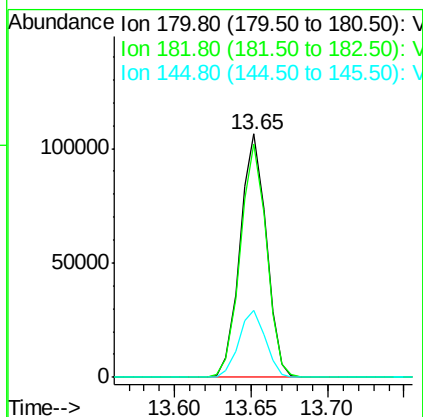
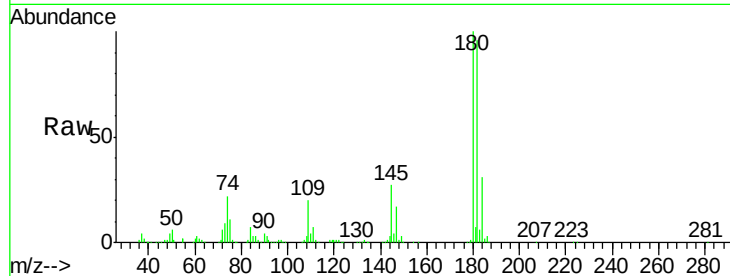




#93
 1,2,4-Trichlorobenzene
 Concen: 20.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

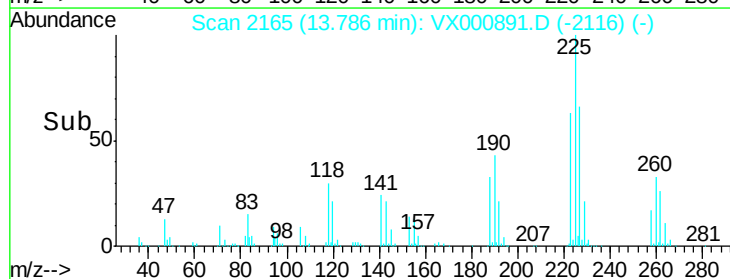
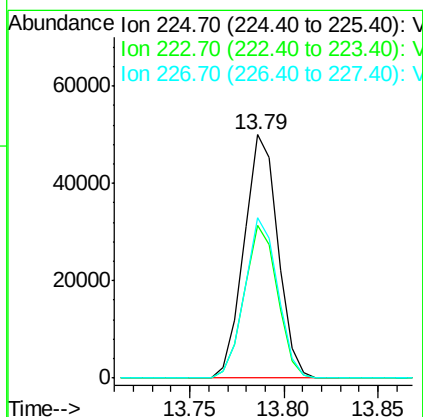
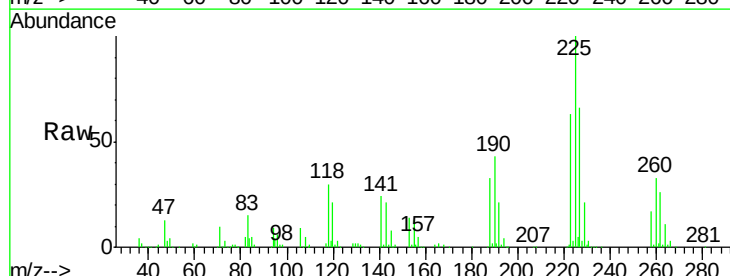
Instrument :
 MSVOA_X
 ClientSampled :
 VX0415WBS01

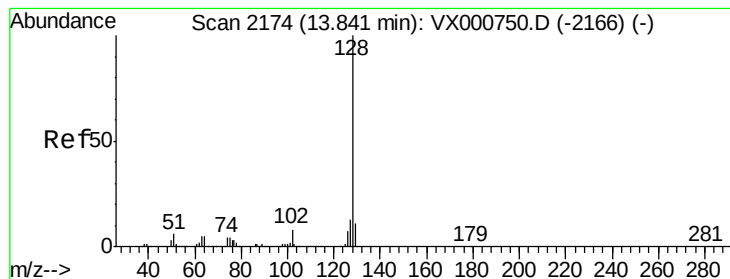
Tgt Ion:180 Resp: 126218
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.5
 145 27.8 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 20.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000891.D
 Acq: 15 Apr 2018 12:48

Tgt Ion:225 Resp: 62156
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.2 93.6
 227 64.4 32.3 96.9





#95

Naphthalene

Concen: 20.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBS01

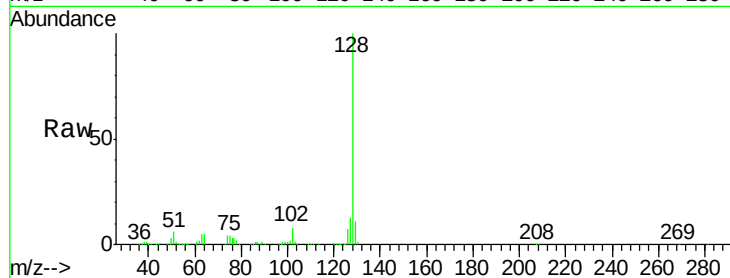
Tgt Ion:128 Resp: 326195

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

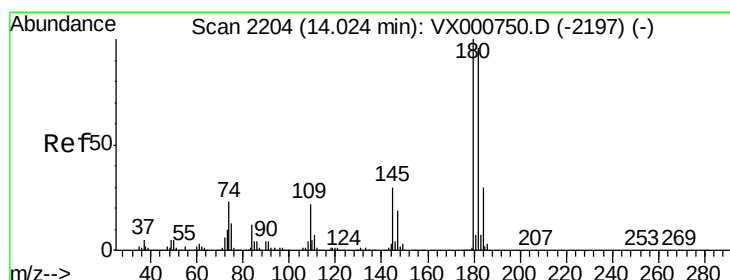
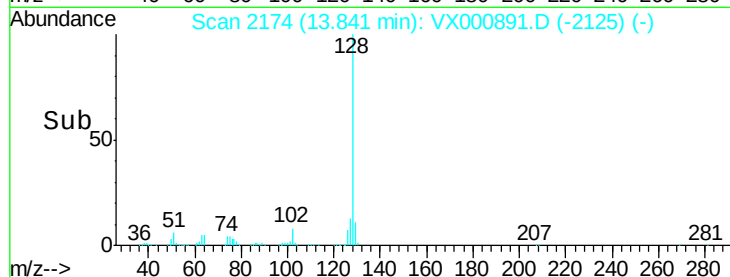
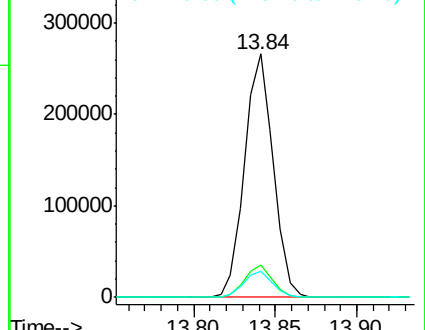
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.91 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000891.D

Acq: 15 Apr 2018 12:48

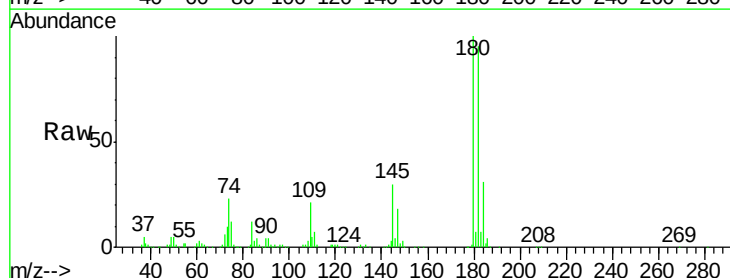
Tgt Ion:180 Resp: 124622

Ion Ratio Lower Upper

180 100

182 95.9 48.4 145.2

145 29.3 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

