

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004448.D
 Acq On : 10 Sep 2018 15:01
 Operator : JC/MD
 Sample : VX0910WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

Quant Time: Sep 11 01:20:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197445	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
35) Dibromofluoromethane	5.50	113	174759	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.71	98	647849	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.14	95	242390	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57342	15.09	ug/l	96
3) Chloromethane	1.32	50	69119	16.65	ug/l	98
4) Vinyl Chloride	1.40	62	75802	17.63	ug/l	98
5) Bromomethane	1.64	94	35196	15.19	ug/l	98
6) Chloroethane	1.72	64	52282	16.51	ug/l	96
7) Trichlorofluoromethane	1.93	101	105765	17.95	ug/l	94
8) Diethyl Ether	2.19	74	48838	19.36	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69052	18.71	ug/l	99
10) Methyl Iodide	2.51	142	62982	18.10	ug/l	98
11) Tert butyl alcohol	3.07	59	91797	100.68	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63202	18.18	ug/l	95
13) Acrolein	2.29	56	23951	108.96	ug/l	94
14) Allyl chloride	2.73	41	126564	19.81	ug/l	96
15) Acrylonitrile	3.15	53	226425	100.27	ug/l	99
16) Acetone	2.45	43	186790	102.20	ug/l	98
17) Carbon Disulfide	2.57	76	150545	16.14	ug/l	100
18) Methyl Acetate	2.78	43	172972	27.25	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	226476	19.77	ug/l	99
20) Methylene Chloride	2.85	84	76865	18.67	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	68092	17.69	ug/l	99
22) Diisopropyl ether	3.87	45	231907	19.44	ug/l	95
23) Vinyl Acetate	3.82	43	850195	87.95	ug/l	99
24) 1,1-Dichloroethane	3.69	63	131768	18.96	ug/l	99
25) 2-Butanone	4.70	43	278702	95.48	ug/l	99
26) 2,2-Dichloropropane	4.58	77	101386	18.60	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	79547	18.23	ug/l	99
28) Bromochloromethane	5.01	49	61653	20.04	ug/l	98
29) Tetrahydrofuran	5.15	42	174567	94.99	ug/l	99
30) Chloroform	5.21	83	132137	18.96	ug/l	100
31) Cyclohexane	5.57	56	104118	17.36	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	108352	18.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	93022	17.53	ug/l	99
37) Ethyl Acetate	4.85	43	95985	18.39	ug/l	99
38) Carbon Tetrachloride	5.78	117	92037	18.43	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106712	17.61	ug/l	99
40) Benzene	6.14	78	297019	18.73	ug/l	99
41) Methacrylonitrile	5.06	41	59421	19.64	ug/l	98
42) 1,2-Dichloroethane	6.20	62	100427	18.56	ug/l	99
43) Isopropyl Acetate	6.46	43	150340	18.74	ug/l	100
44) Trichloroethene	7.21	130	82155	18.71	ug/l	98
45) 1,2-Dichloropropane	7.52	63	79801	20.11	ug/l	99
46) Dibromomethane	7.66	93	49618	18.77	ug/l	99
47) Bromodichloromethane	7.90	83	95420	19.40	ug/l	100
48) Methyl methacrylate	7.77	41	82512	19.23	ug/l	98
49) 1,4-Dioxane	7.76	88	39240	402.70	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	546638	93.80	ug/l	99
52) Toluene	8.79	92	191324	19.27	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	104429	19.23	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	115140	19.46	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	80289	20.04	ug/l	99
56) Ethyl methacrylate	9.18	69	104804	19.21	ug/l	97
57) 1,3-Dichloropropane	9.37	76	132382	19.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	296231	105.98	ug/l	99
59) 2-Hexanone	9.50	43	407872	91.74	ug/l	100
60) Dibromochloromethane	9.59	129	75237	19.27	ug/l	99
61) 1,2-Dibromoethane	9.67	107	79689	19.22	ug/l	100
64) Tetrachloroethene	9.34	164	93526	22.76	ug/l	99
65) Chlorobenzene	10.14	112	197152	18.89	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.23	131	68697	19.08	ug/l	100
67) Ethyl Benzene	10.26	91	318299	18.78	ug/l	95
68) m/p-Xylenes	10.36	106	250266	37.75	ug/l	99
69) o-Xylene	10.70	106	118571	18.91	ug/l	99
70) Styrene	10.71	104	202360	19.93	ug/l	99
71) Bromoform	10.86	173	55705	19.19	ug/l #	99
73) Isopropylbenzene	11.02	105	349006	19.04	ug/l	99
74) N-amyl acetate	10.90	43	130300	18.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	117722	18.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	135222	23.83	ug/l	87
77) Bromobenzene	11.26	156	96843	18.84	ug/l	98
78) n-propylbenzene	11.36	91	412685	19.58	ug/l	100
79) 2-Chlorotoluene	11.42	91	247445	19.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	298142	19.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	32191	18.40	ug/l	99
82) 4-Chlorotoluene	11.51	91	288450	18.89	ug/l	99
83) tert-Butylbenzene	11.77	119	286713	18.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	309682	19.88	ug/l	100
85) sec-Butylbenzene	11.94	105	365746	20.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	327860	20.18	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178598	18.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183752	18.00	ug/l	99
89) n-Butylbenzene	12.39	91	271196	20.53	ug/l	99
90) Hexachloroethane	12.60	117	44434	19.57	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	181867	20.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20924	18.52	ug/l	98

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Instrument :
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ClientSampleId :
VX0910WBSD01

Quant Time: Sep 11 01:20:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

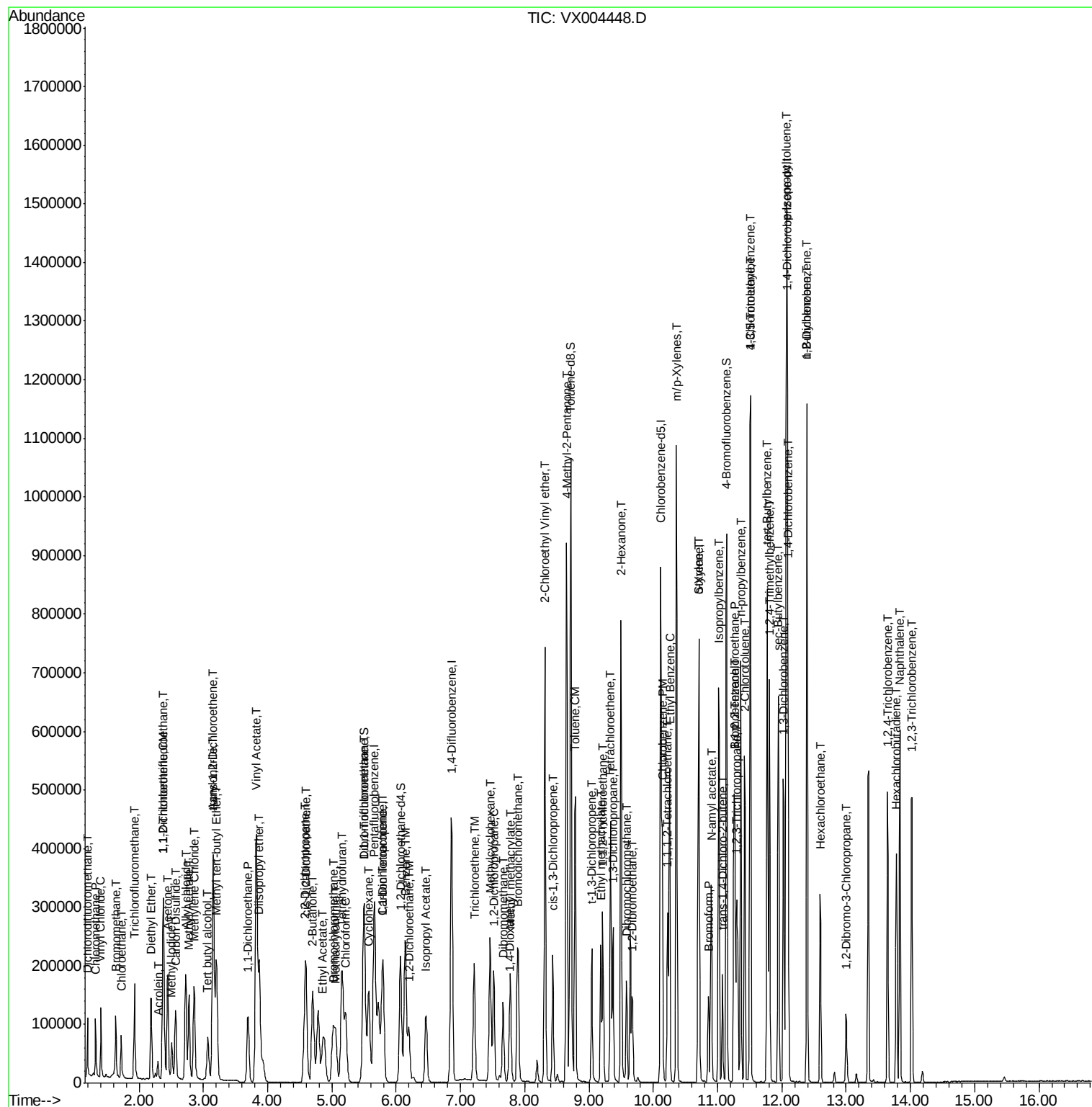
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128065	19.90	ug/l	98
94) Hexachlorobutadiene	13.79	225	65367	21.75	ug/l	97
95) Naphthalene	13.83	128	365172	20.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133935	19.66	ug/l	98

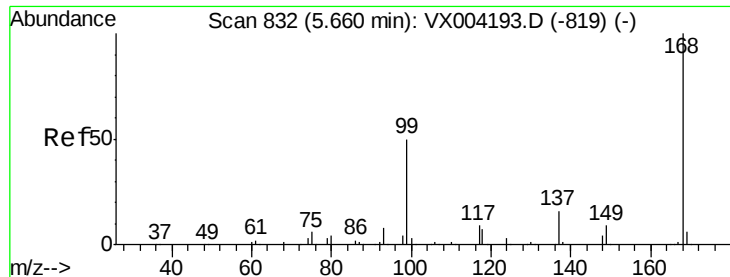
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

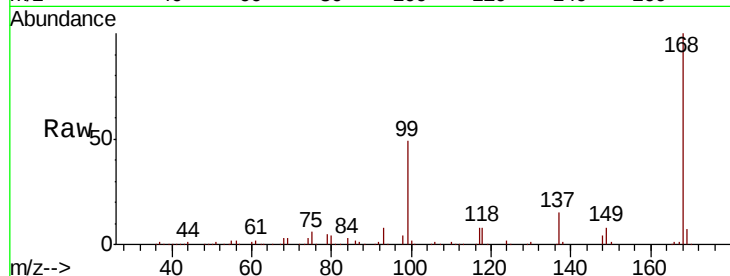
VX0910WBSD01

Tot Ion:168 Resp: 328180

Ion Ratio Lower Upper

168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

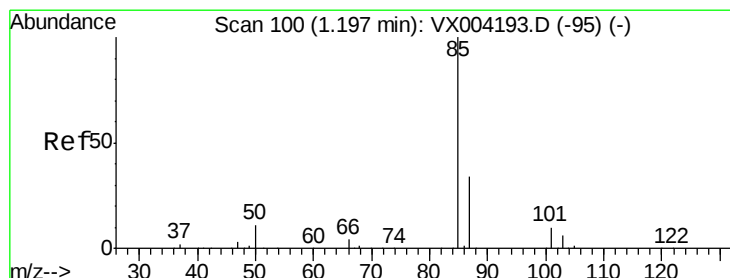
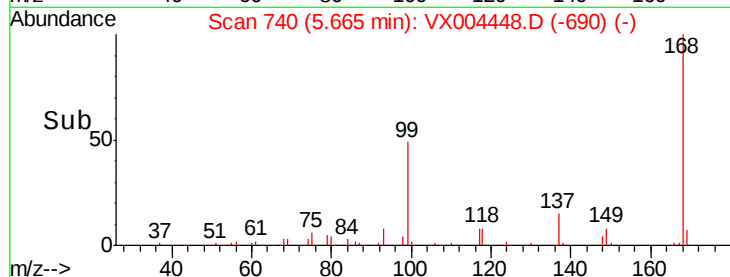
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.09 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004448.D

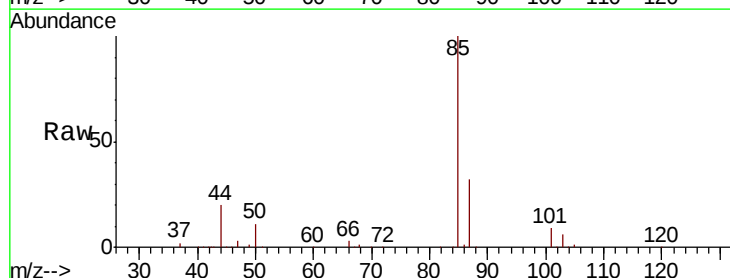
Acq: 10 Sep 2018 15:01

Tgt Ion: 85 Resp: 57342

Ion Ratio Lower Upper

85 100

87 31.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

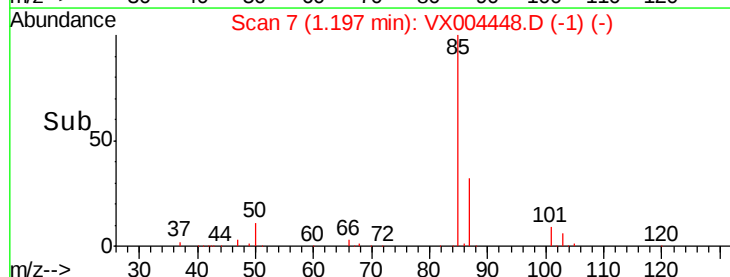
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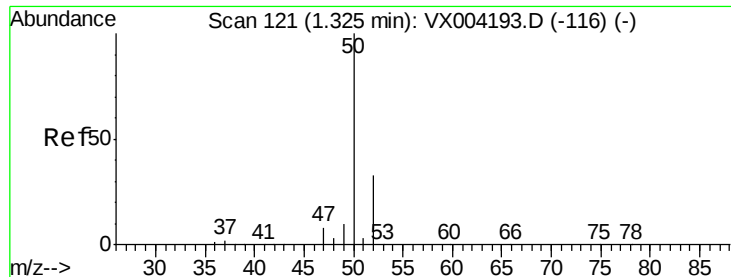
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.65 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

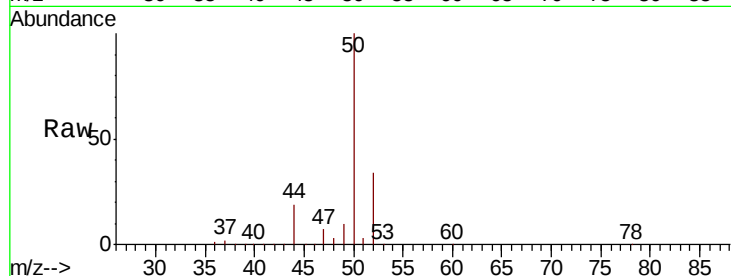
VX0910WBSD01

Tot Ion: 50 Resp: 69119

Ion Ratio Lower Upper

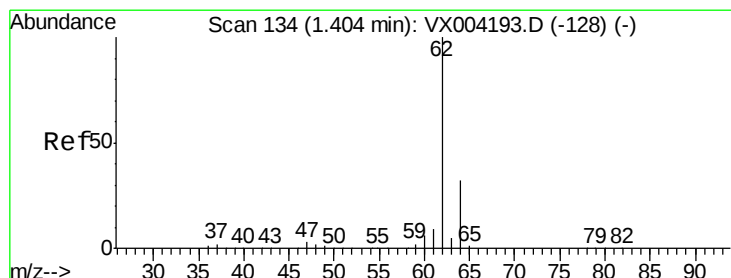
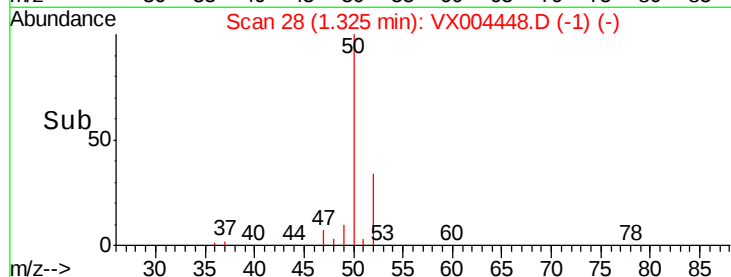
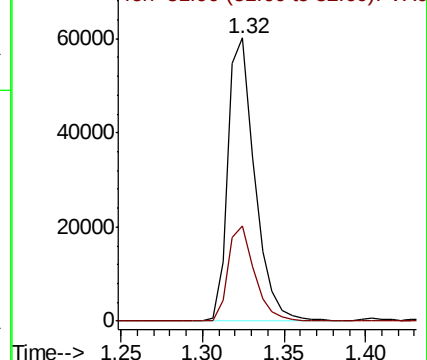
50 100

52 33.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.63 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004448.D

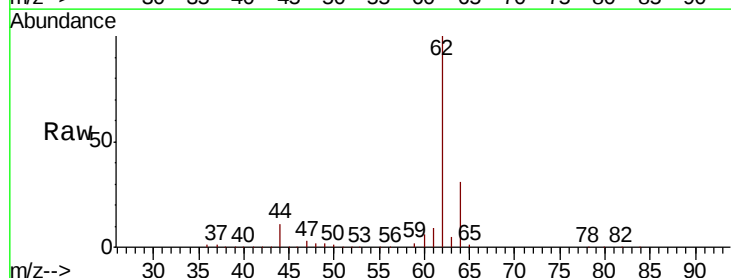
Acq: 10 Sep 2018 15:01

Tgt Ion: 62 Resp: 75802

Ion Ratio Lower Upper

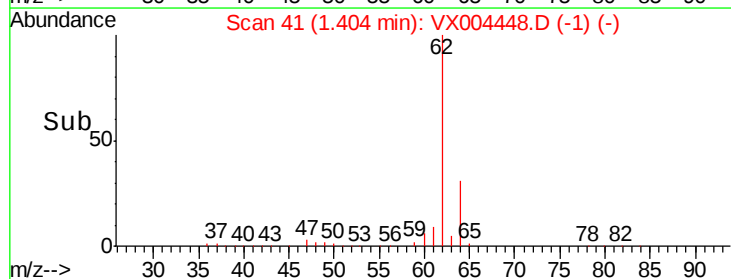
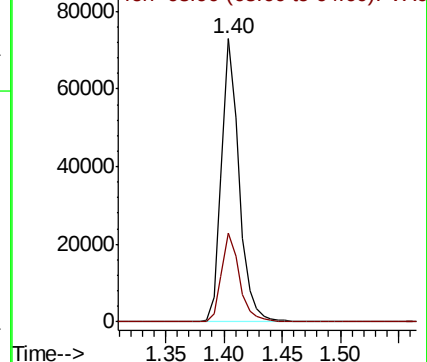
62 100

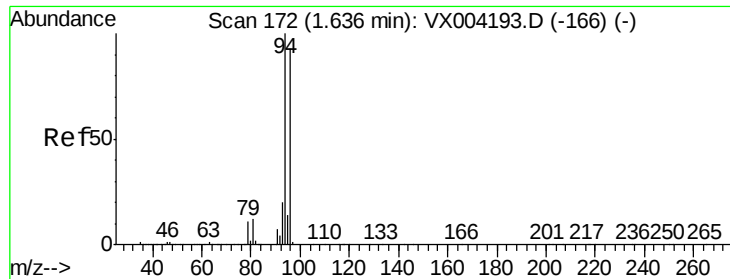
64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.19 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

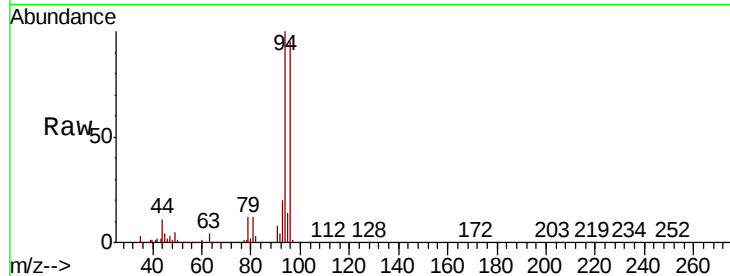
VX0910WBSD01

Tot Ion: 94 Resp: 35196

Ion Ratio Lower Upper

94 100

96 95.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

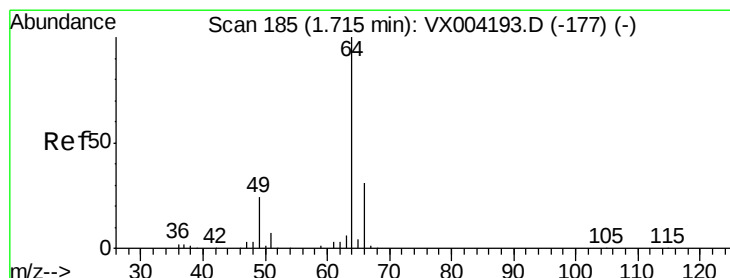
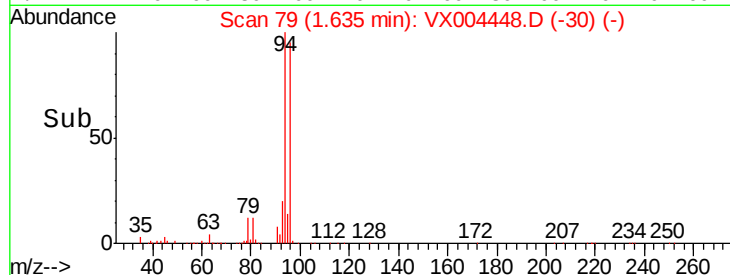
20000

10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 16.51 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004448.D

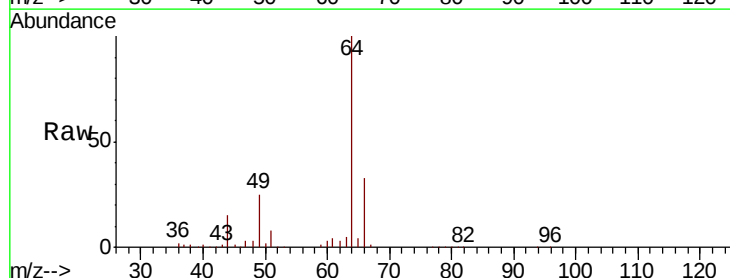
Acq: 10 Sep 2018 15:01

Tgt Ion: 64 Resp: 52282

Ion Ratio Lower Upper

64 100

66 33.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

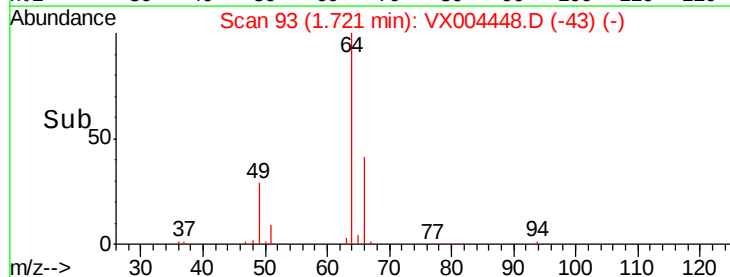
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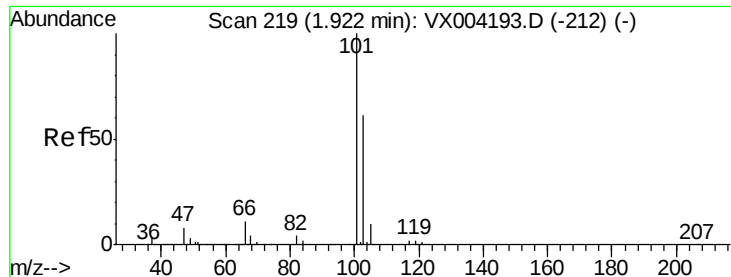
10000

0

1.65 1.70 1.75 1.80

Time-->



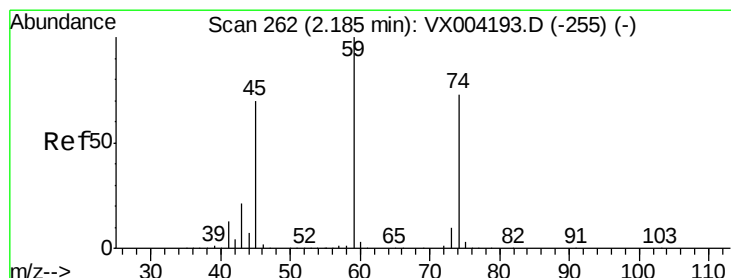
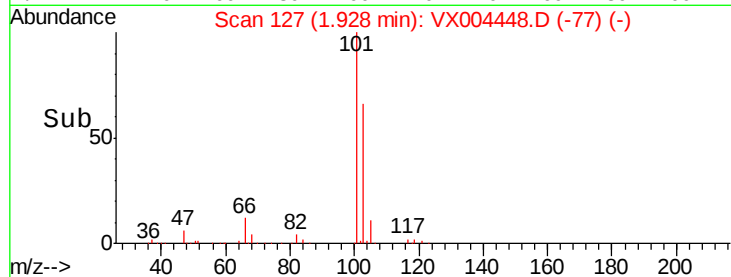
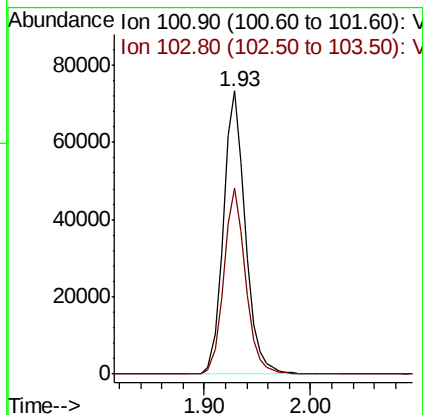
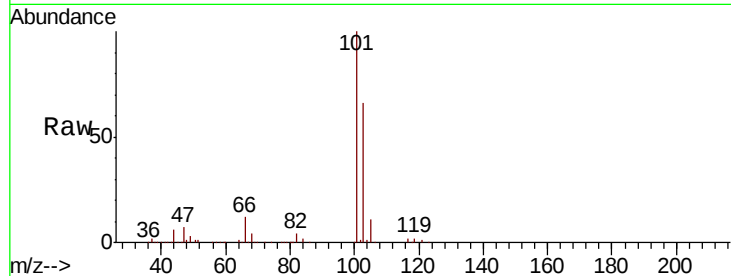


#7

Trichlorofluoromethane
Concen: 17.95 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

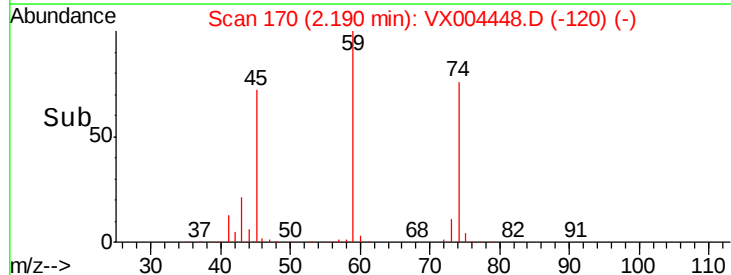
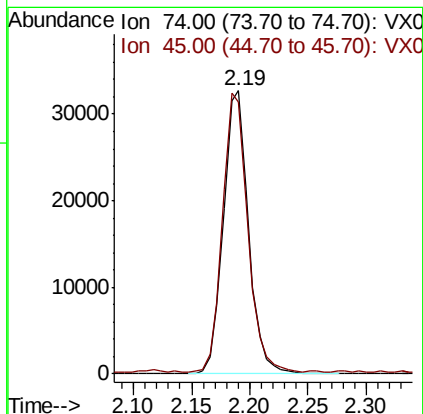
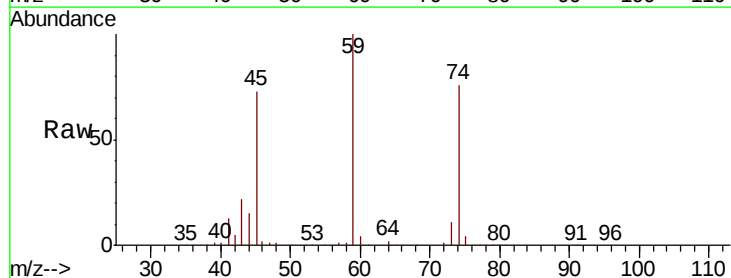
Tot Ion:101 Resp: 105765
Ion Ratio Lower Upper
101 100
103 65.9 48.9 73.3

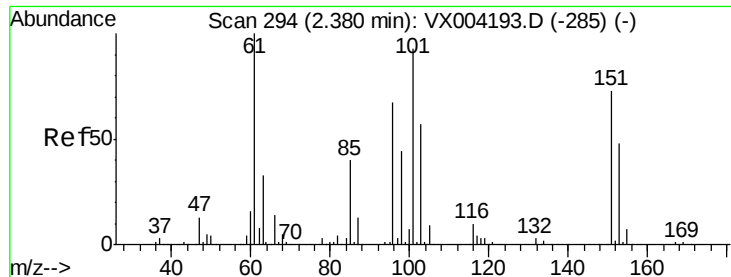


#8

Diethyl Ether
Concen: 19.36 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 74 Resp: 48838
Ion Ratio Lower Upper
74 100
45 98.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.71 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

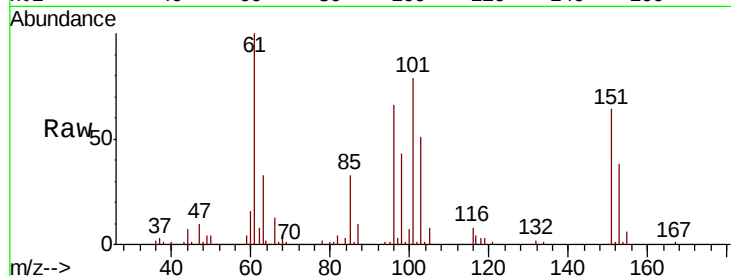
Tot Ion:101 Resp: 69052

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.4

151 81.7 65.0 97.6

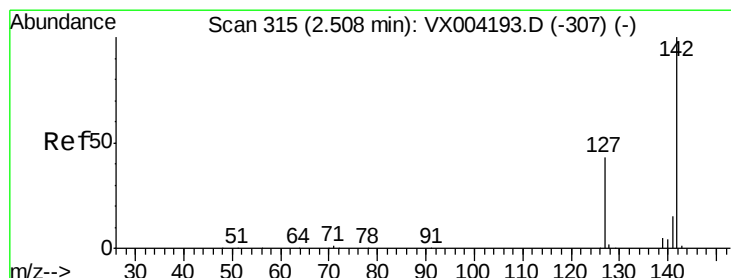
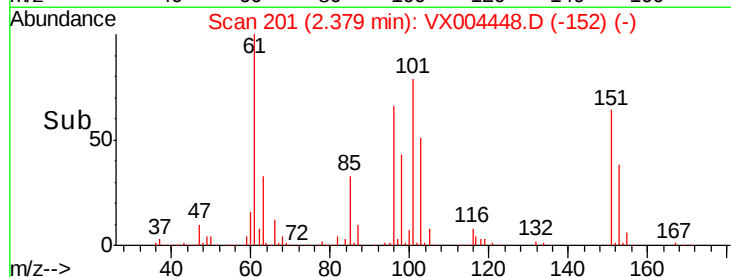
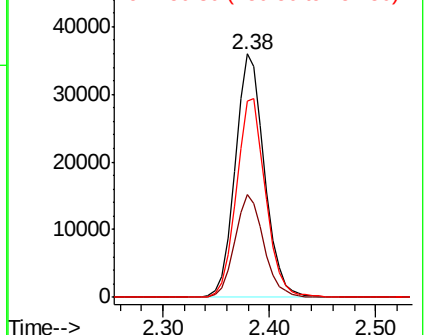


Abundance

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: 18.10 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

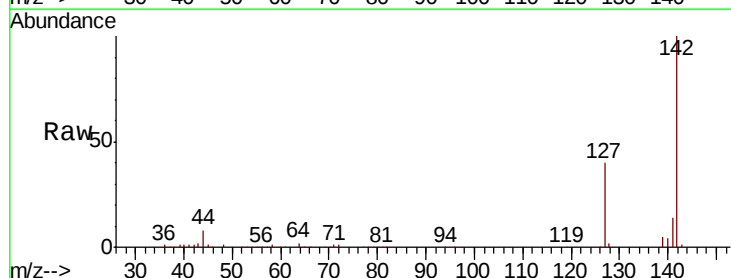
Tgt Ion:142 Resp: 62982

Ion Ratio Lower Upper

142 100

127 40.7 33.8 50.6

141 14.2 11.4 17.0

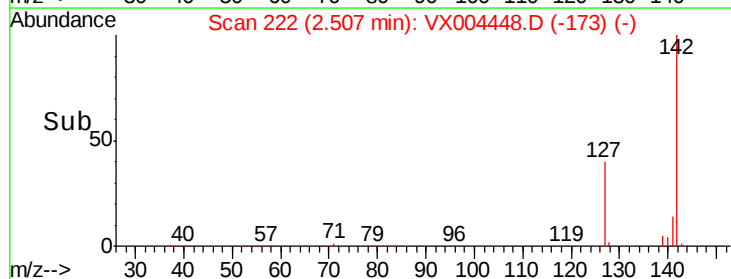
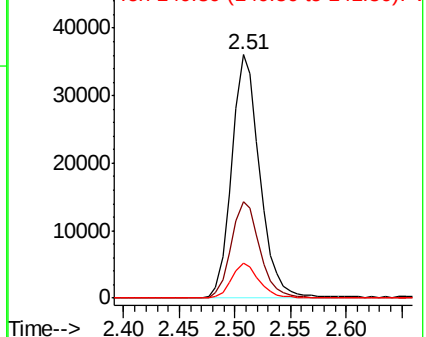


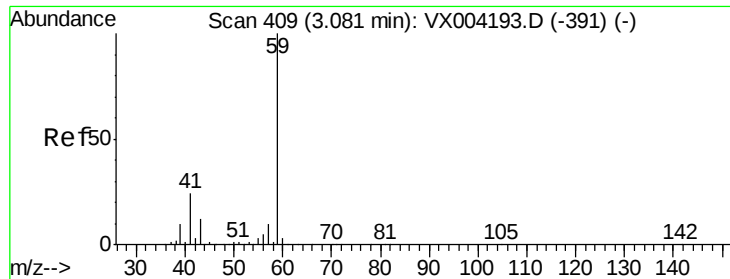
Abundance

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

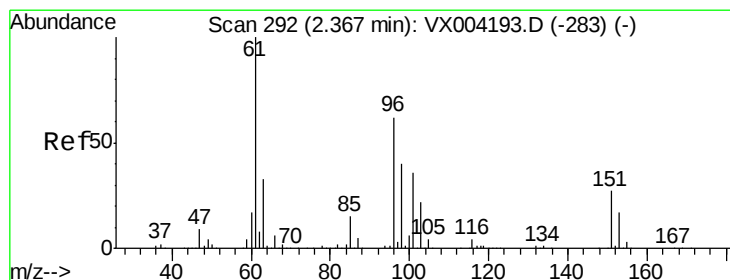
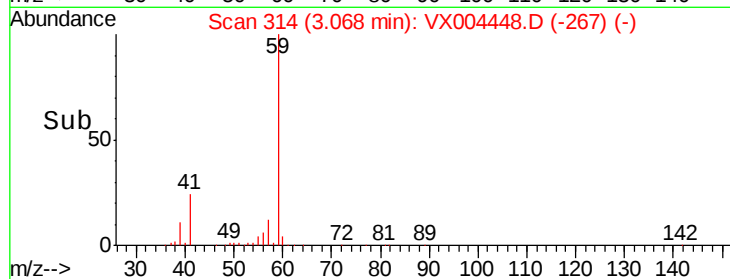
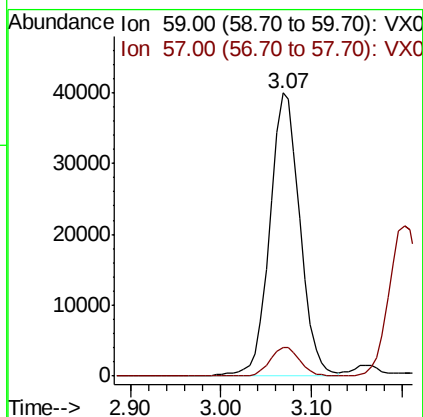
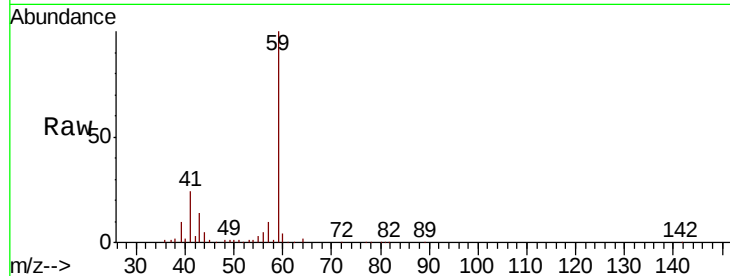




#11
Tert butyl alcohol
Concen: 100.68 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

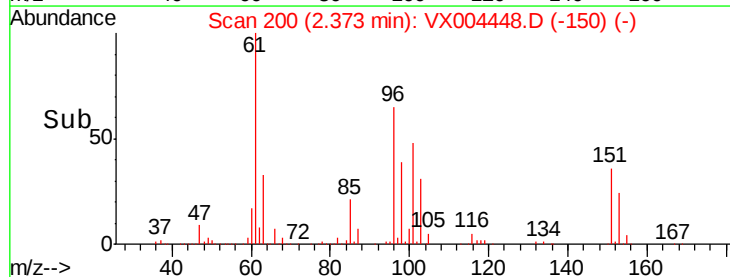
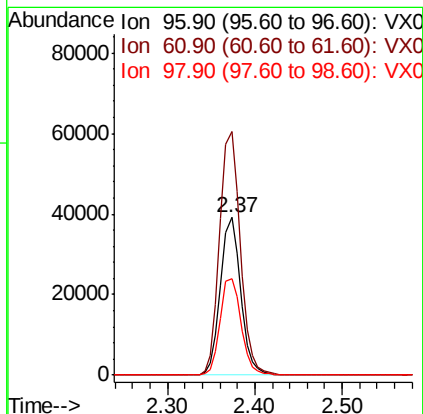
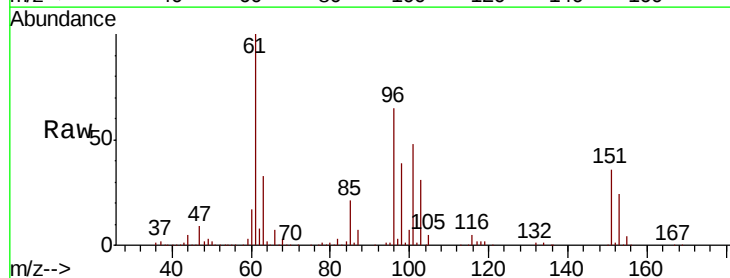
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

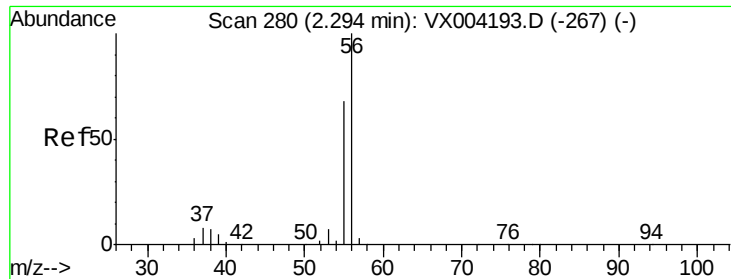
Tot Ion: 59 Resp: 91797
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.18 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 96 Resp: 63202
Ion Ratio Lower Upper
96 100
61 154.4 128.8 193.2
98 60.9 52.2 78.2

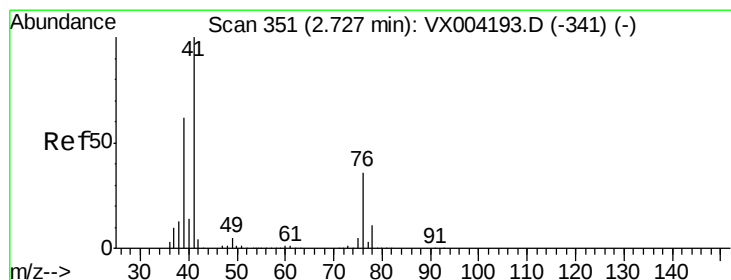
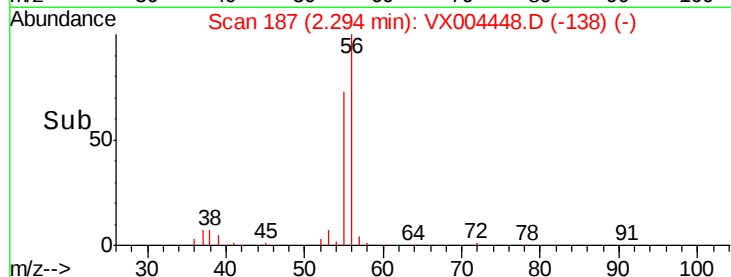
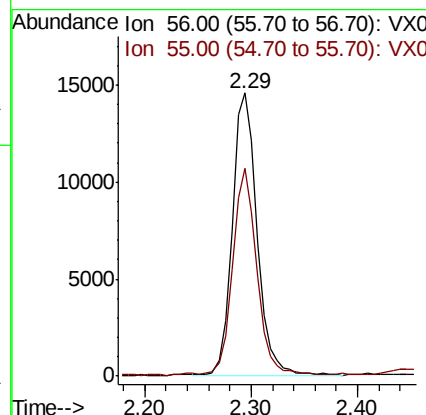
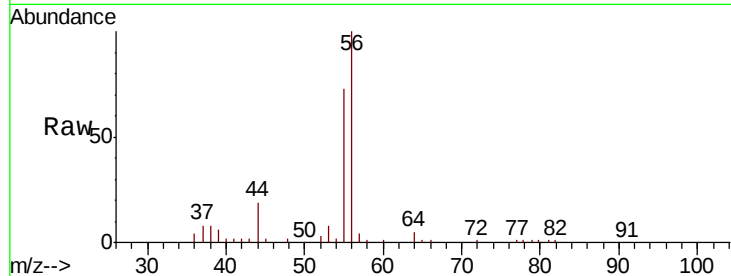




#13
 Acrolein
 Concen: 108.96 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

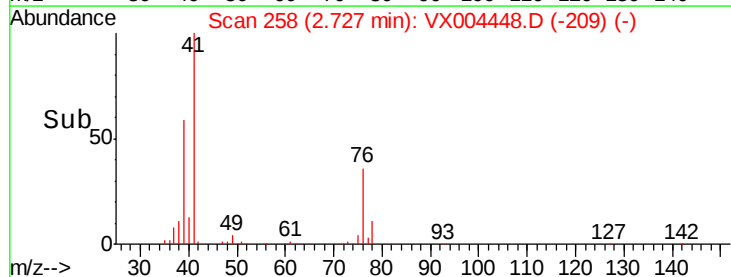
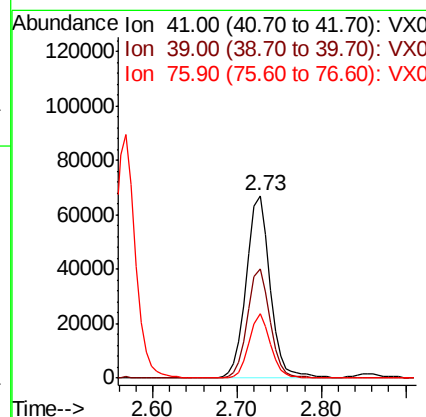
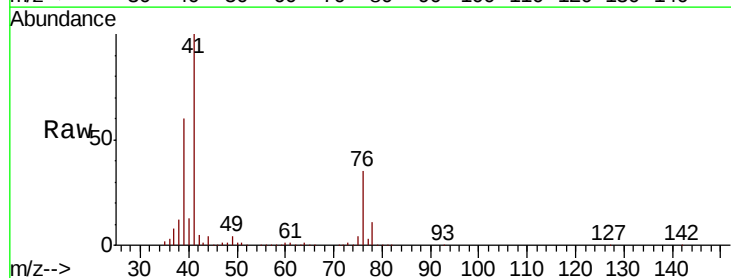
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

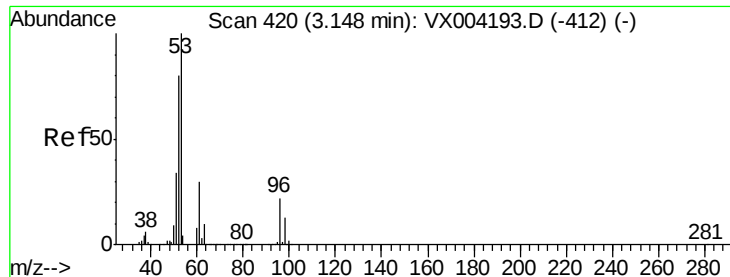
Tot Ion: 56 Resp: 23951
 Ion Ratio Lower Upper
 56 100
 55 73.2 54.7 82.1



#14
 Allyl chloride
 Concen: 19.81 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion: 41 Resp: 126564
 Ion Ratio Lower Upper
 41 100
 39 56.9 48.9 73.3
 76 32.0 26.7 40.1





#15

Acrylonitrile

Concen: 100.27 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

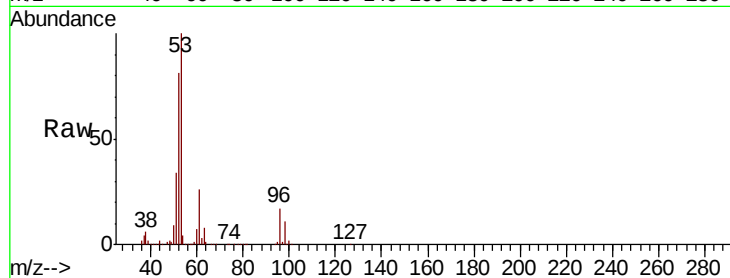
Tot Ion: 53 Resp: 226425

Ion Ratio Lower Upper

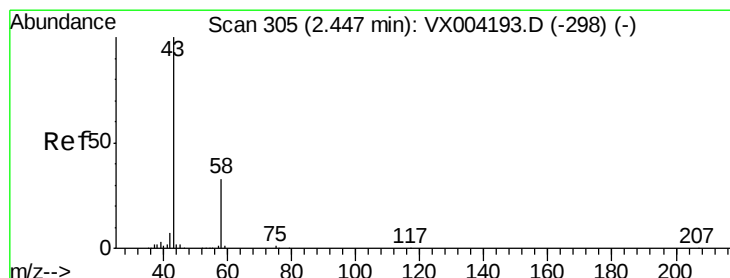
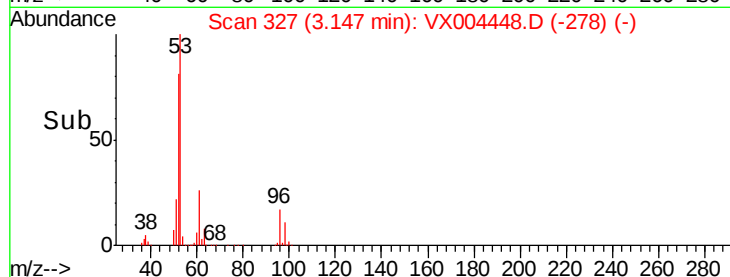
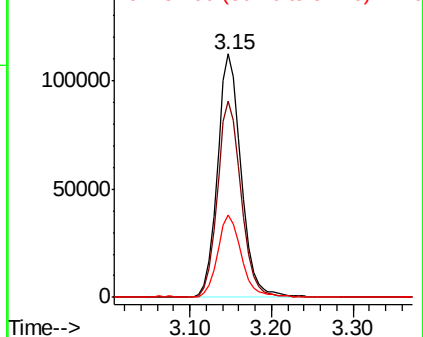
53 100

52 81.1 65.2 97.8

51 33.8 28.2 42.2



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



#16

Acetone

Concen: 102.20 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004448.D

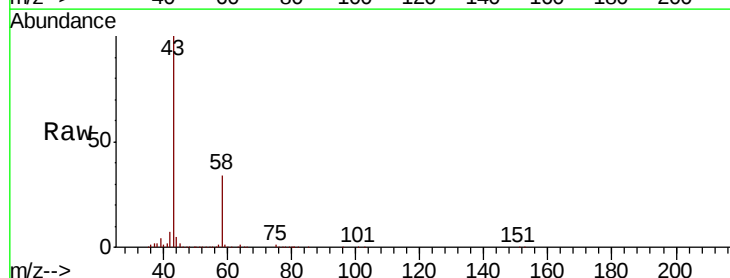
Acq: 10 Sep 2018 15:01

Tgt Ion: 43 Resp: 186790

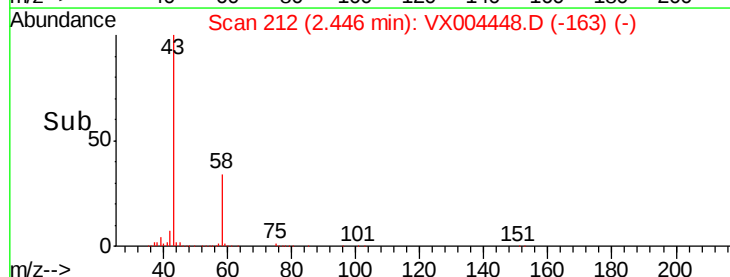
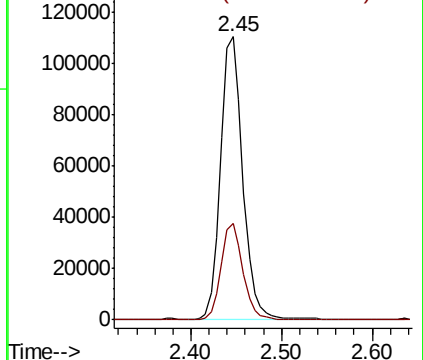
Ion Ratio Lower Upper

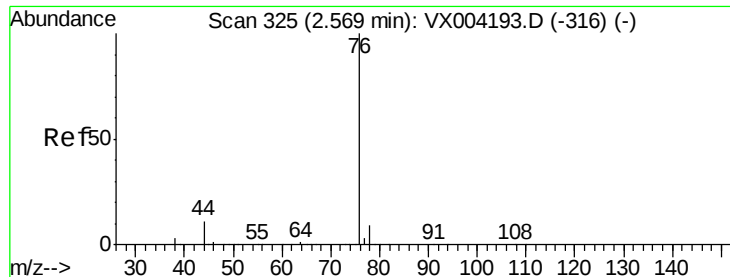
43 100

58 33.9 26.2 39.4



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

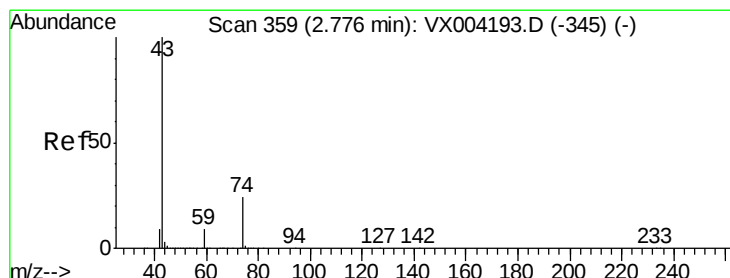
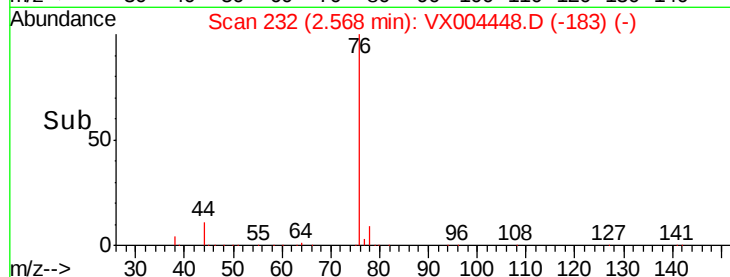
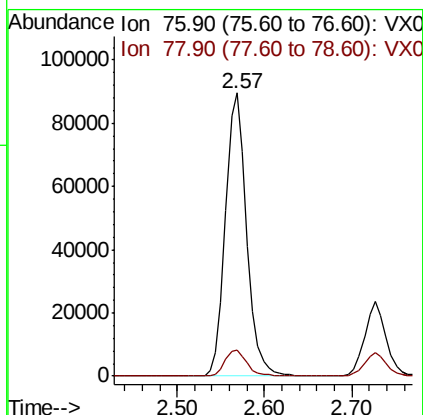
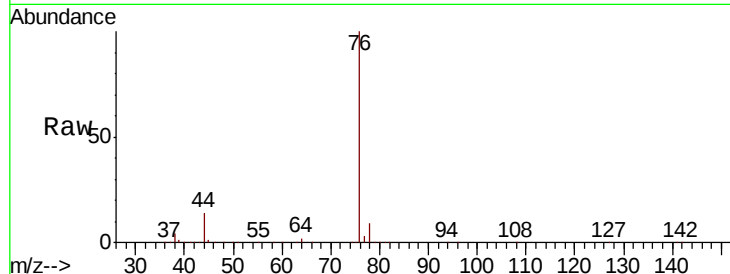




#17
Carbon Disulfide
Concen: 16.14 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

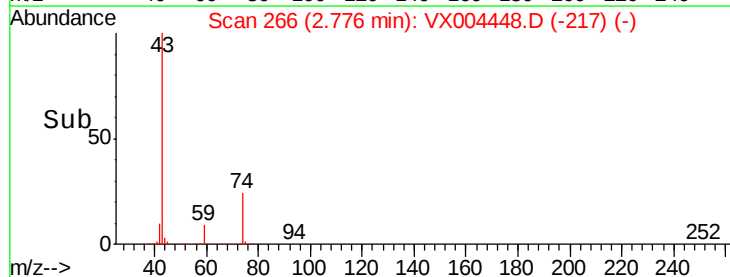
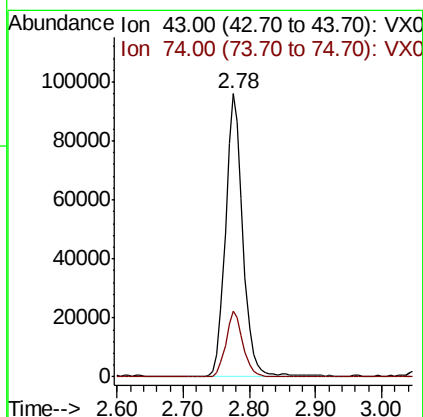
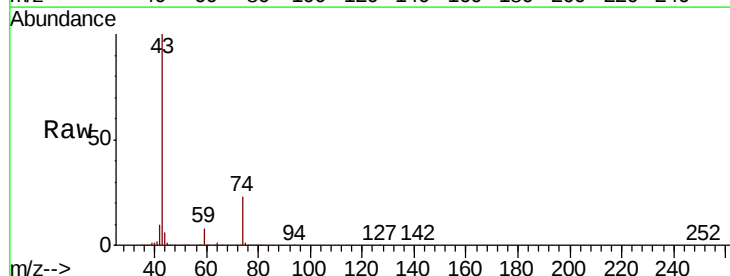
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

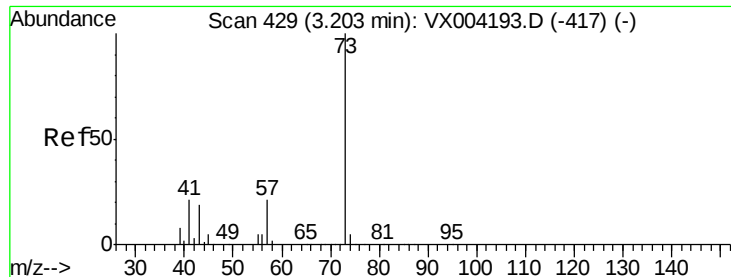
Tot Ion: 76 Resp: 150545
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 27.25 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 43 Resp: 172972
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2



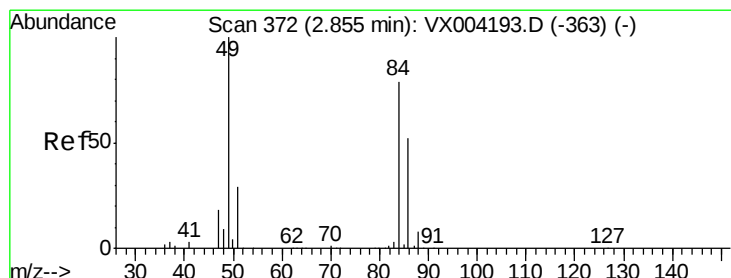
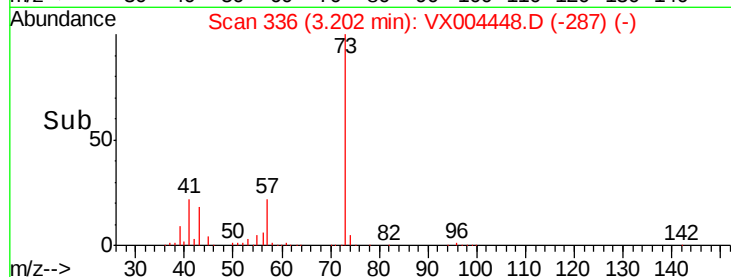
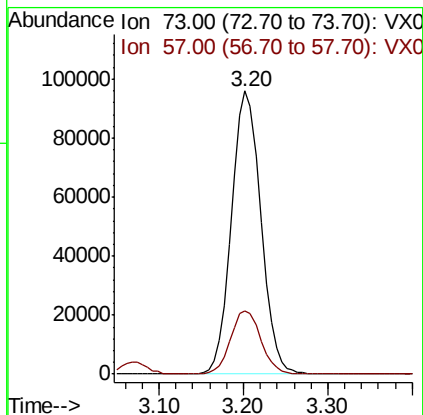
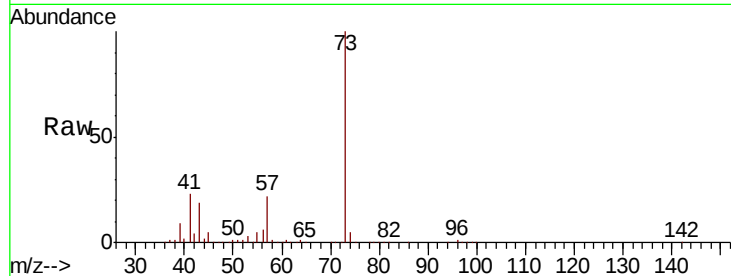


#19

Methyl tert-butyl Ether
 Concen: 19.77 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0910WBSD01

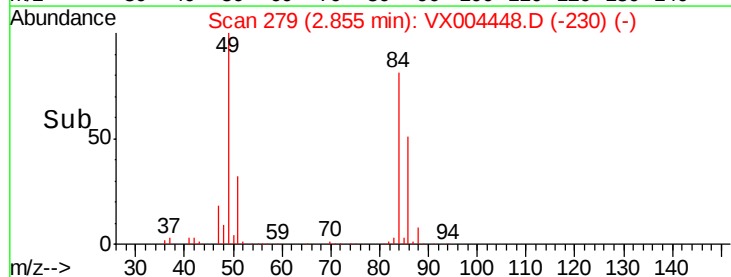
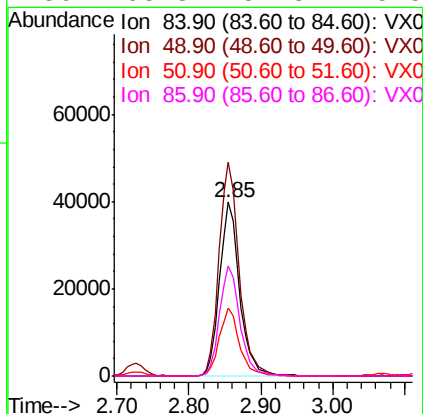
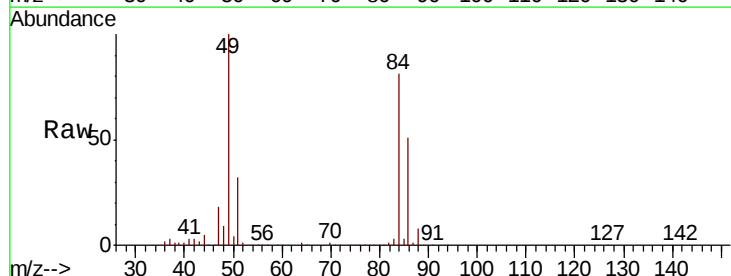
Tot Ion: 73 Resp: 226476
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.1 25.7

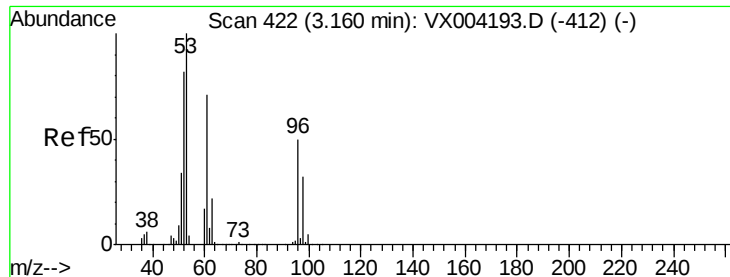


#20

Methylene Chloride
 Concen: 18.67 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion: 84 Resp: 76865
 Ion Ratio Lower Upper
 84 100
 49 123.1 101.2 151.8
 51 39.0 29.5 44.3
 86 63.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 17.69 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

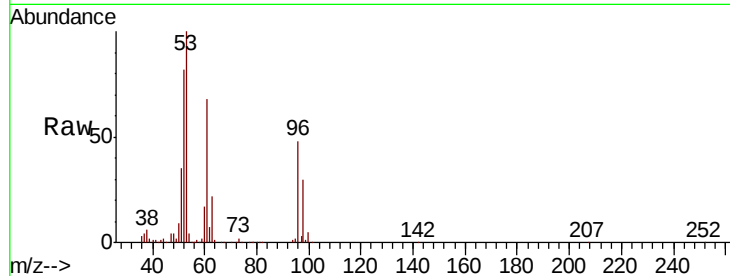
Tot Ion: 96 Resp: 68092

Ion Ratio Lower Upper

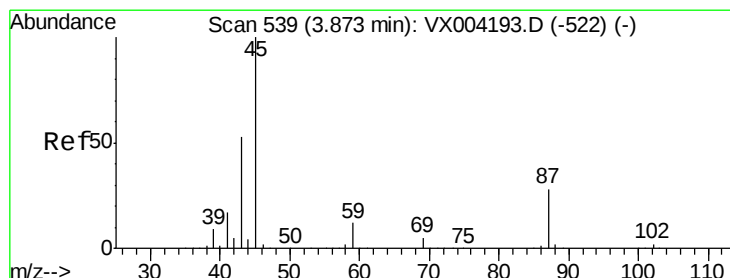
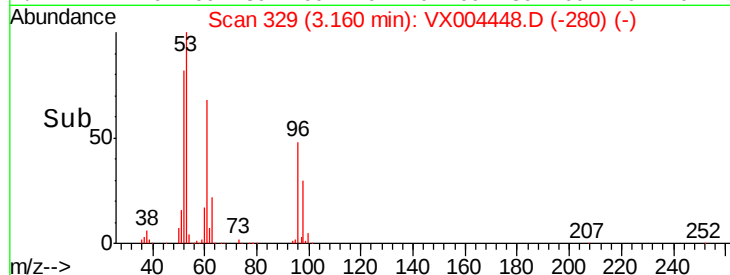
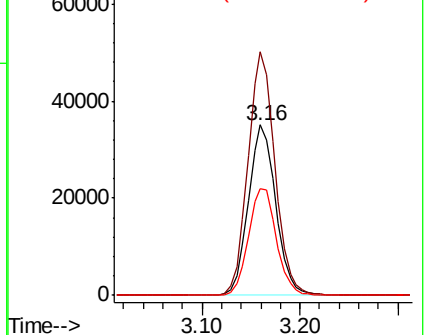
96 100

61 142.7 113.8 170.6

98 62.4 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.44 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Tgt Ion: 45 Resp: 231907

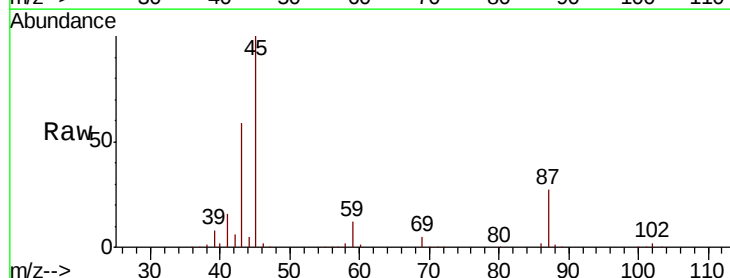
Ion Ratio Lower Upper

45 100

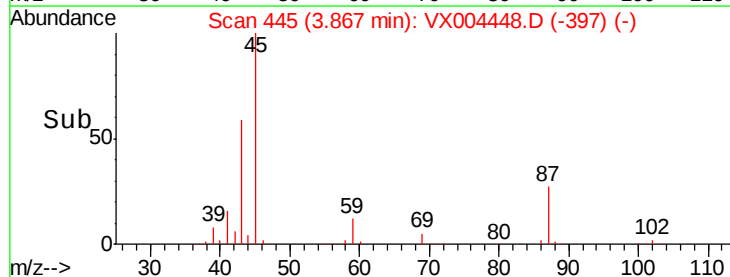
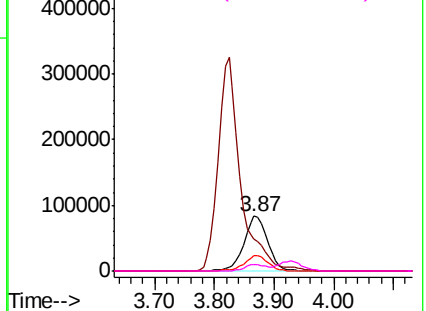
43 59.2 42.8 64.2

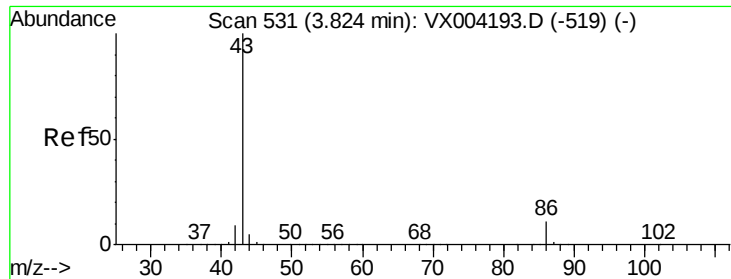
87 27.1 22.6 34.0

59 11.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 87.95 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

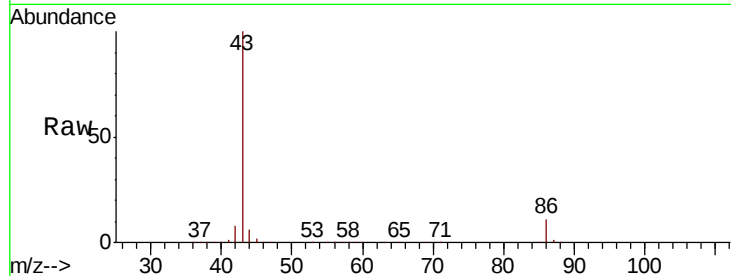
VX0910WBSD01

Tot Ion: 43 Resp: 850195

Ion Ratio Lower Upper

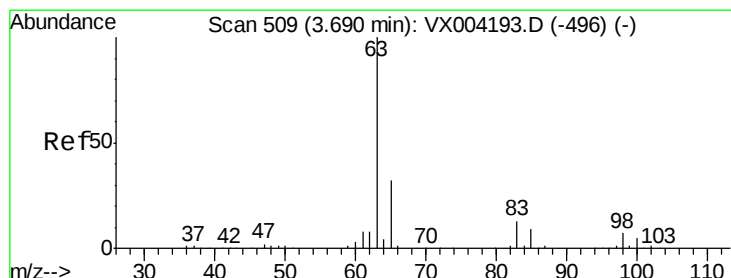
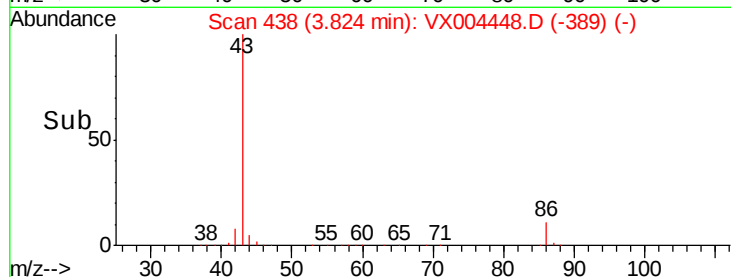
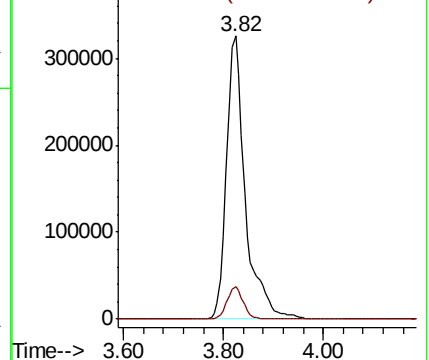
43 100

86 11.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.96 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

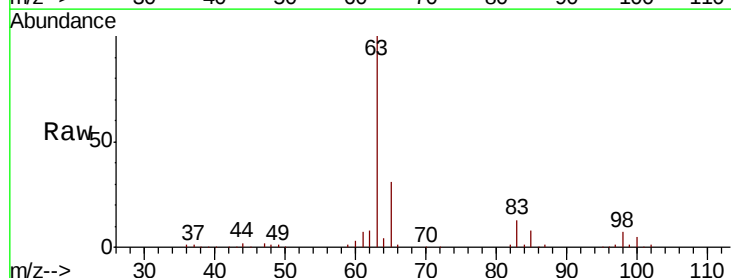
Tgt Ion: 63 Resp: 131768

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

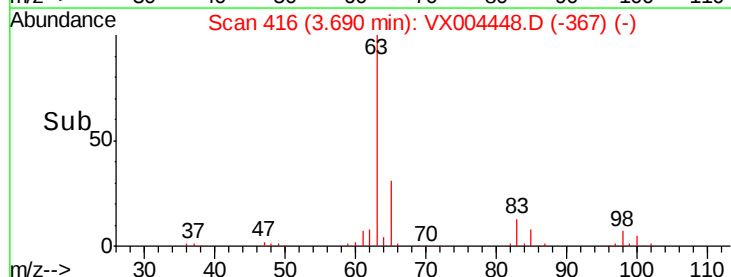
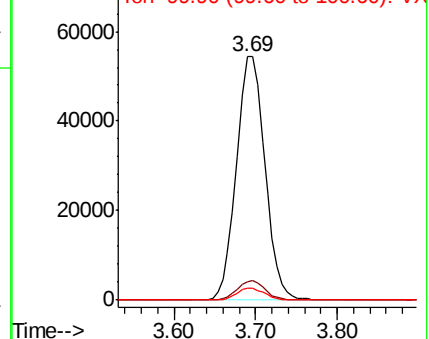
100 4.6 2.4 7.1

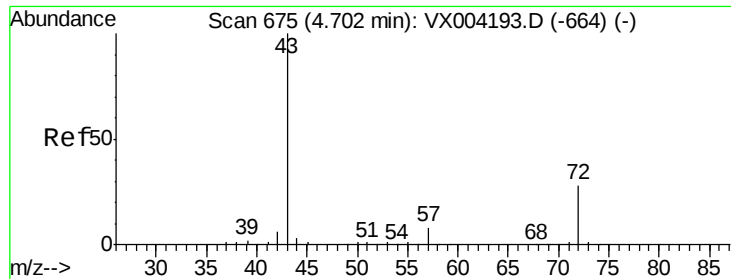


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.48 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

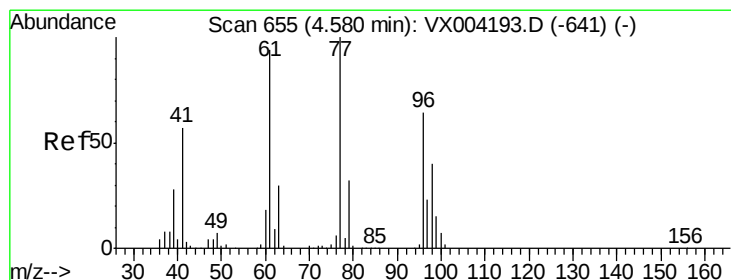
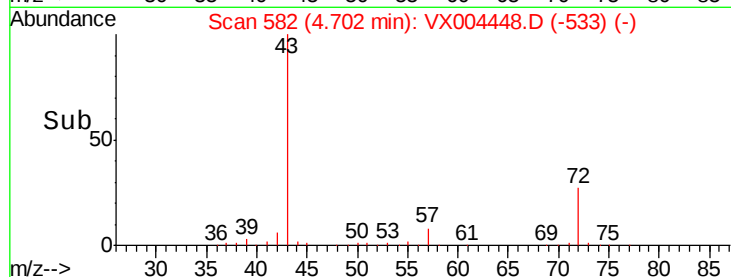
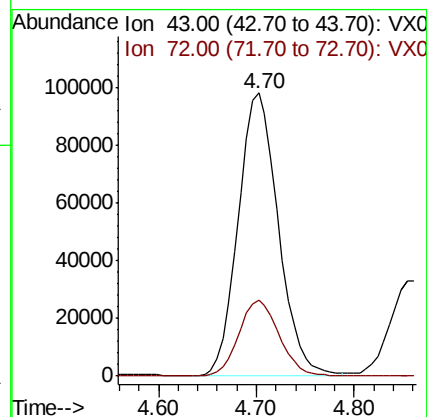
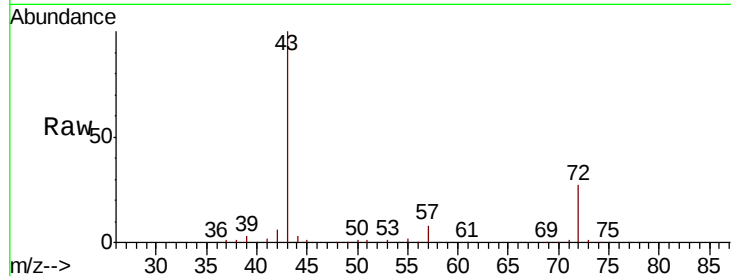
VX0910WBSD01

Tot Ion: 43 Resp: 278702

Ion Ratio Lower Upper

43 100

72 26.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.60 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004448.D

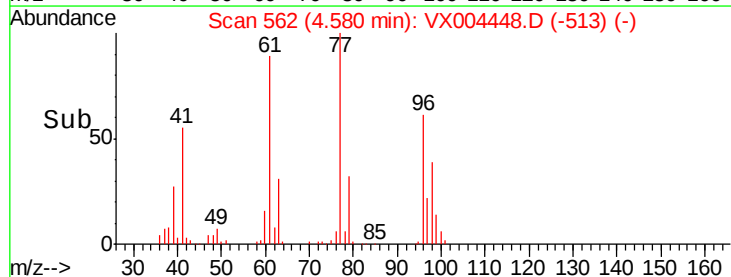
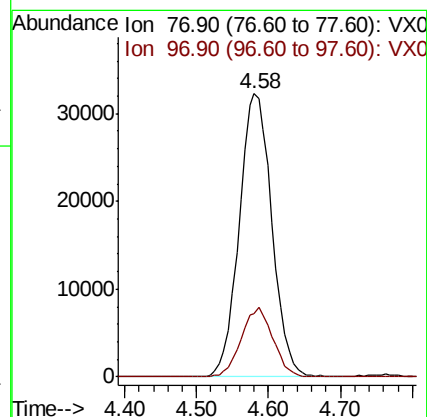
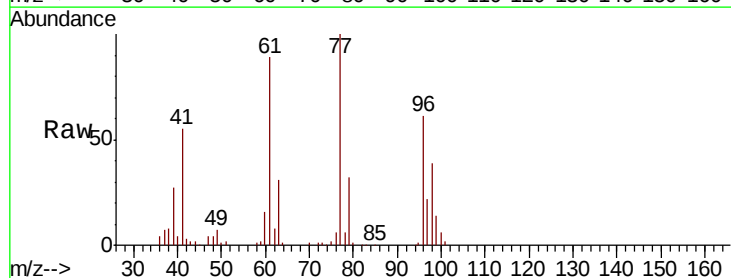
Acq: 10 Sep 2018 15:01

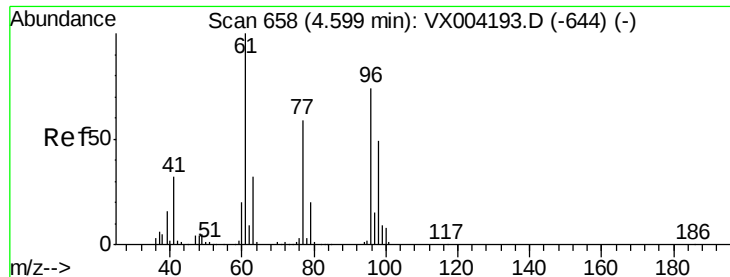
Tgt Ion: 77 Resp: 101386

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0



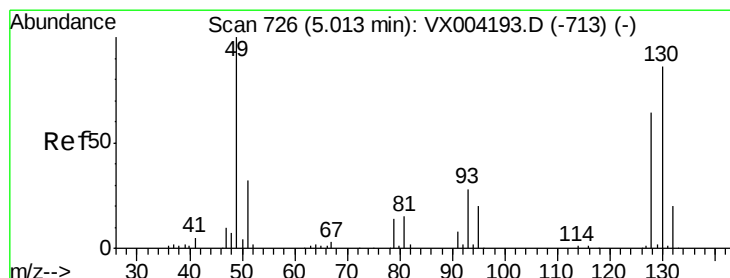
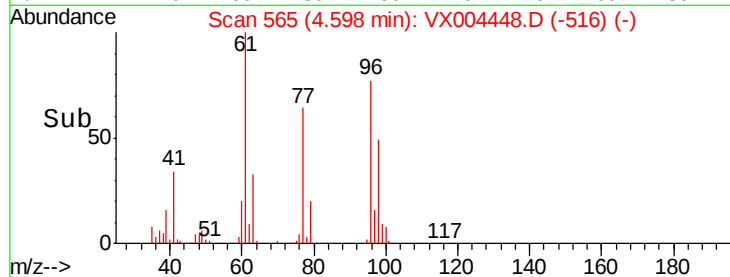
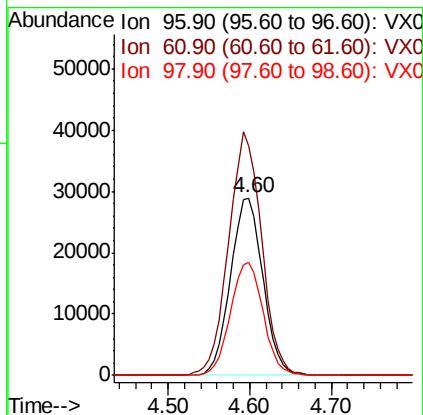
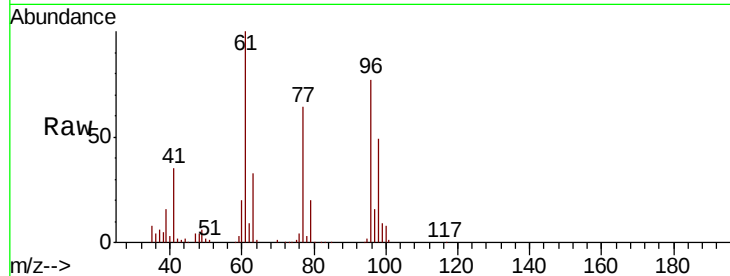


#27

cis-1,2-Dichloroethene
 Concen: 18.23 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0910WBSD01

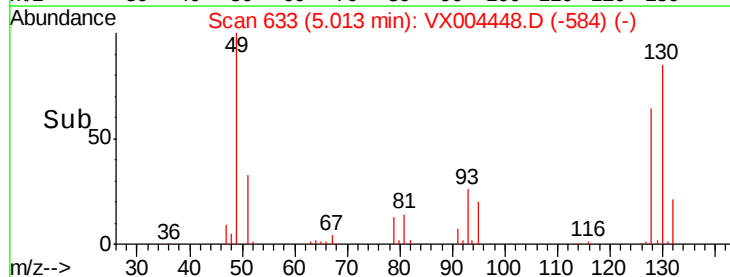
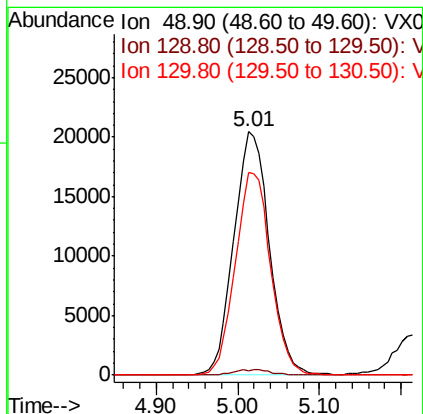
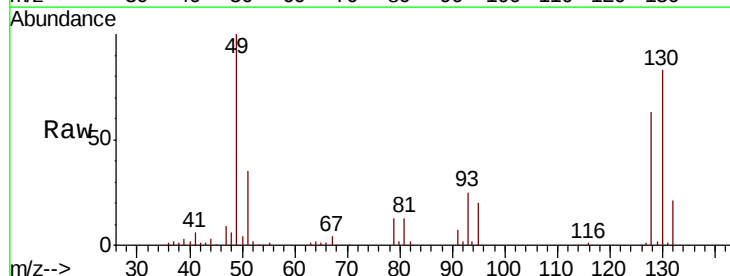
Tot Ion: 96 Resp: 79547
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 282.6
 98 64.2 0.0 130.2

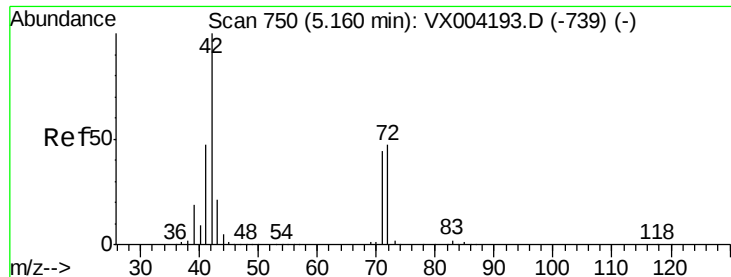


#28

Bromochloromethane
 Concen: 20.04 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion: 49 Resp: 61653
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 82.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 94.99 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

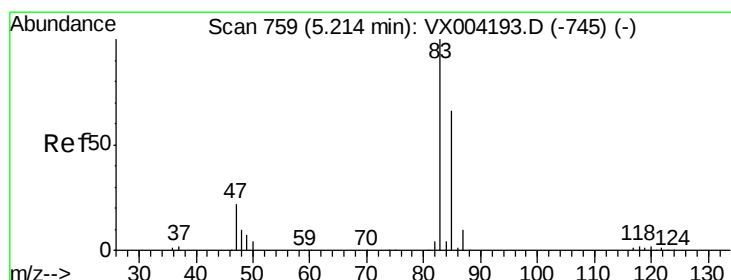
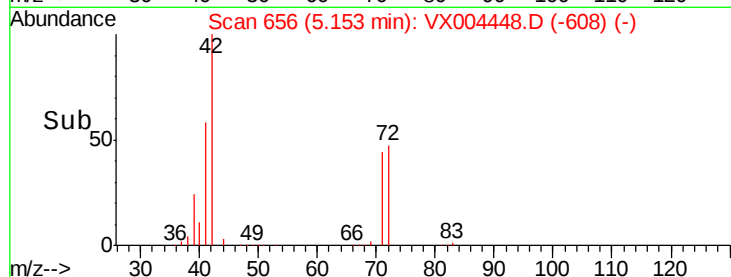
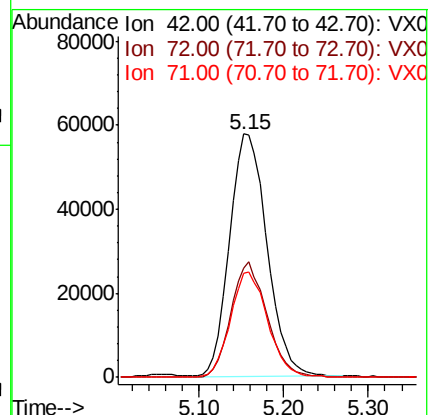
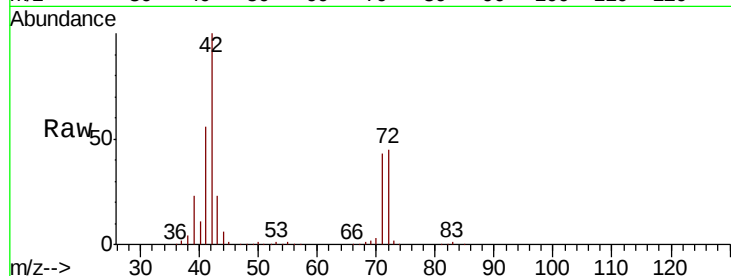
Tot Ion: 42 Resp: 174567

Ion Ratio Lower Upper

42 100

72 45.8 37.4 56.0

71 43.4 34.5 51.7



#30

Chloroform

Concen: 18.96 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004448.D

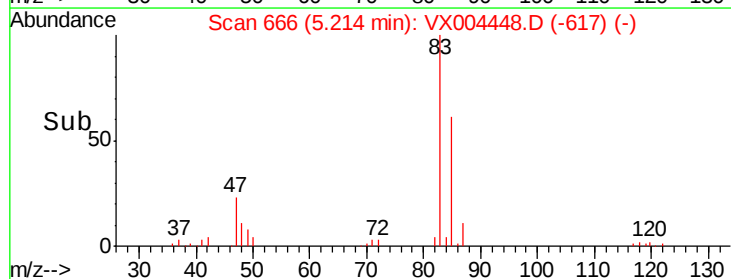
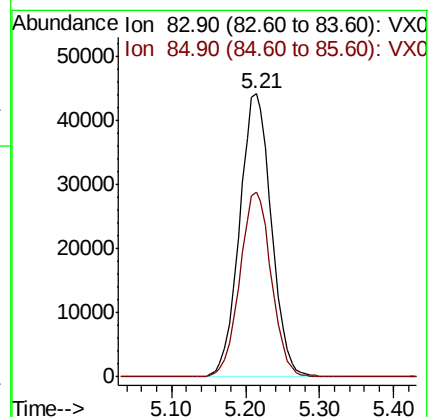
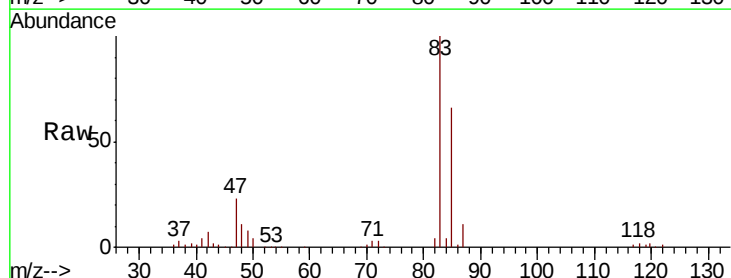
Acq: 10 Sep 2018 15:01

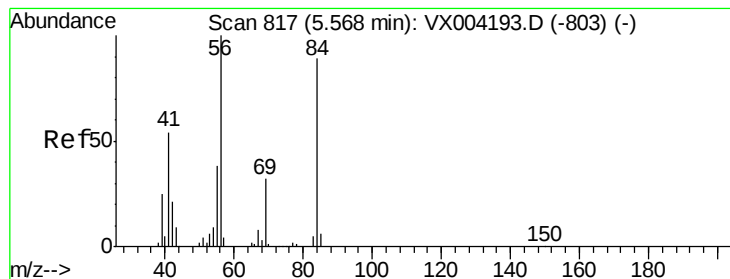
Tgt Ion: 83 Resp: 132137

Ion Ratio Lower Upper

83 100

85 65.5 52.6 79.0





#31

Cyclohexane

Concen: 17.36 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

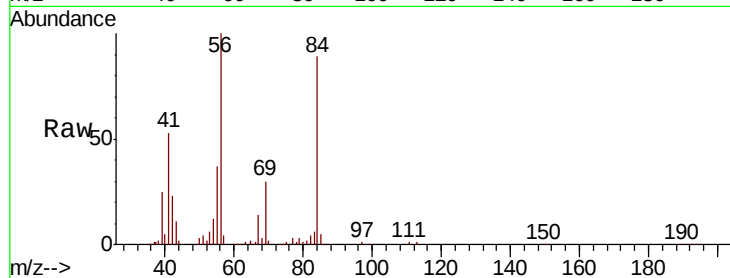
Tot Ion: 56 Resp: 104118

Ion Ratio Lower Upper

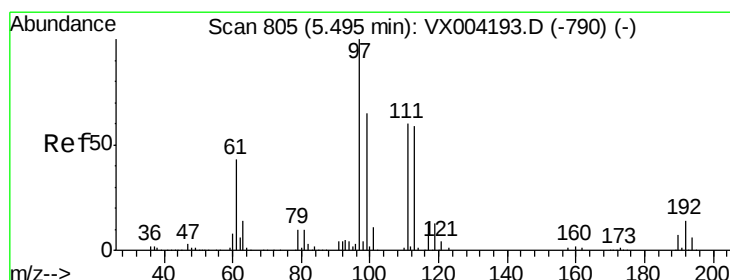
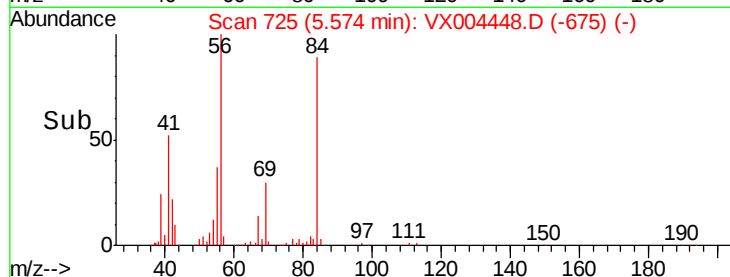
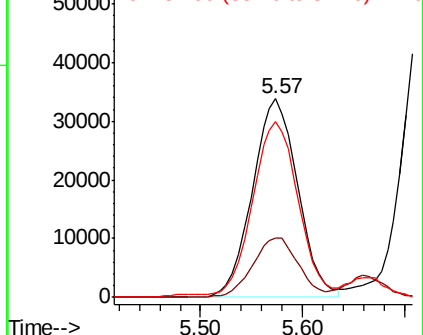
56 100

69 30.1 25.4 38.2

84 87.4 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.65 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

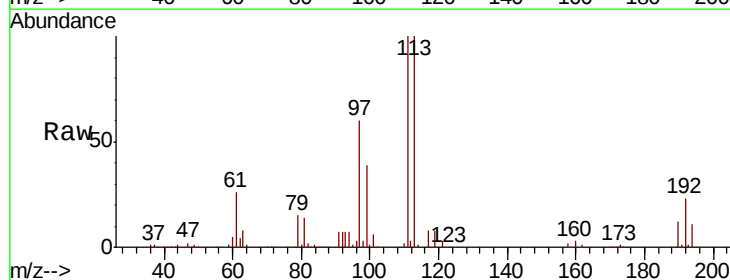
Tgt Ion: 97 Resp: 108352

Ion Ratio Lower Upper

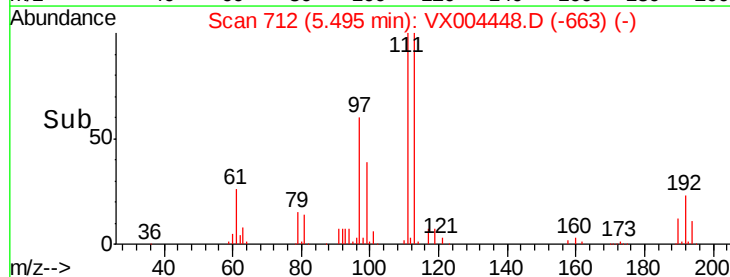
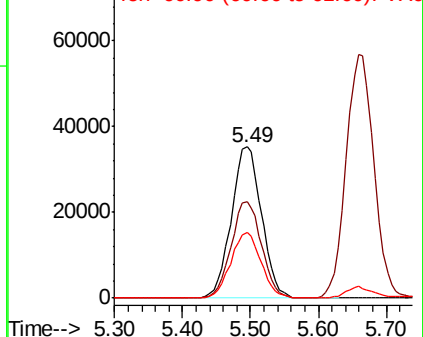
97 100

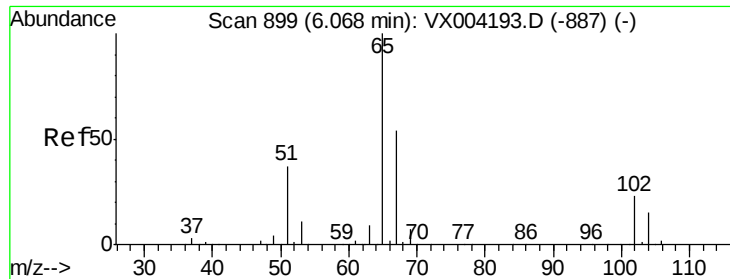
99 64.3 52.0 78.0

61 43.6 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

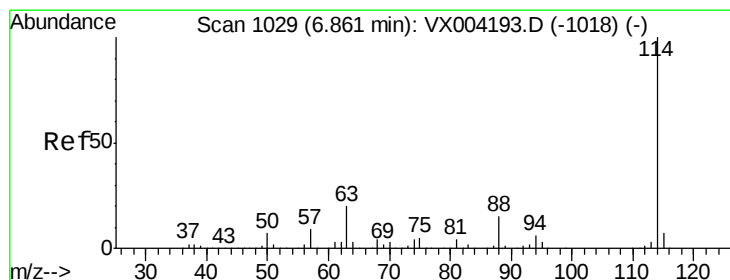
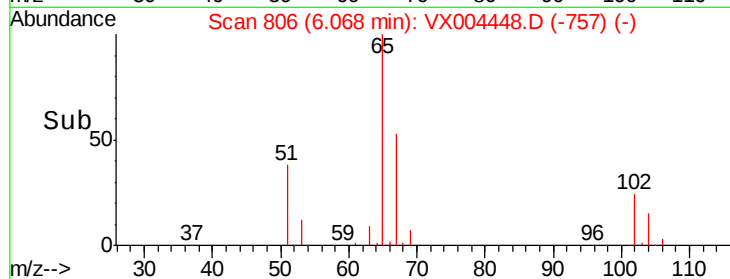
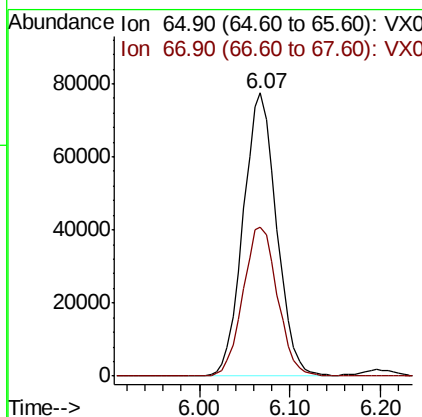
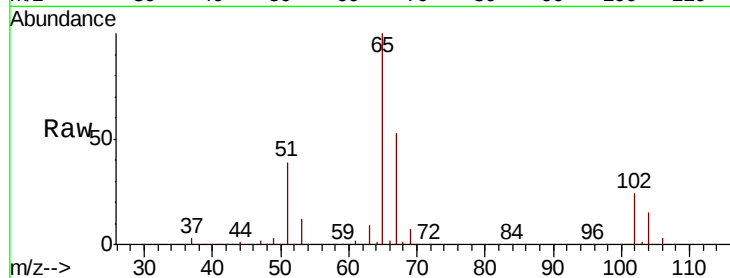




#33
 1,2-Dichloroethane-d4
 Concen: 46.16 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

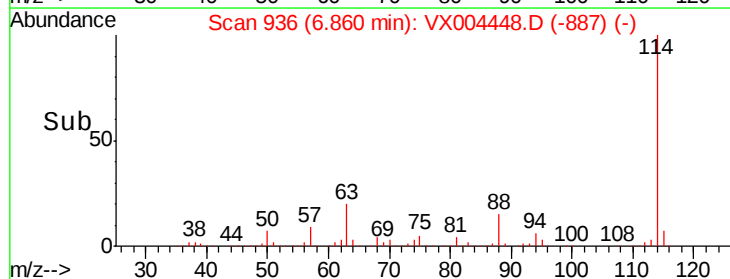
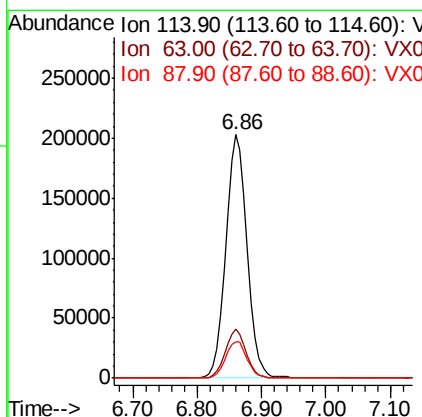
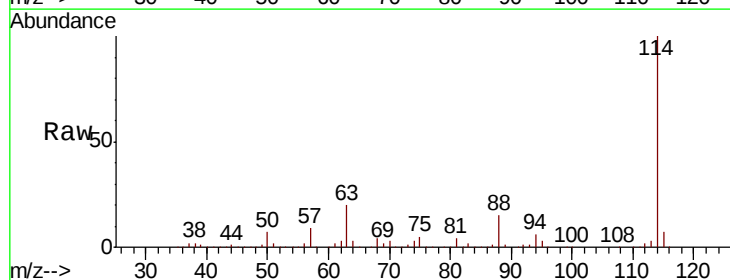
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

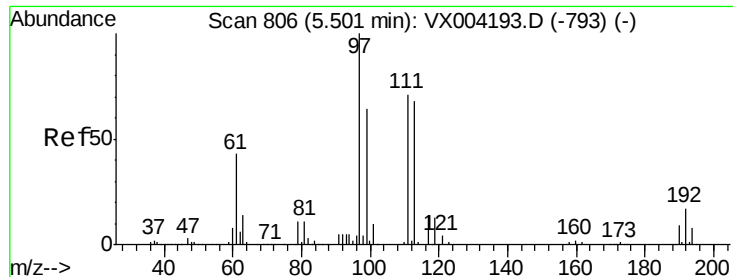
Tot Ion: 65 Resp: 197445
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion: 114 Resp: 472097
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.0 0.0 30.4

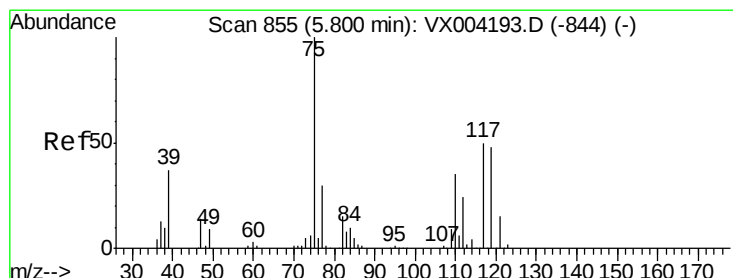
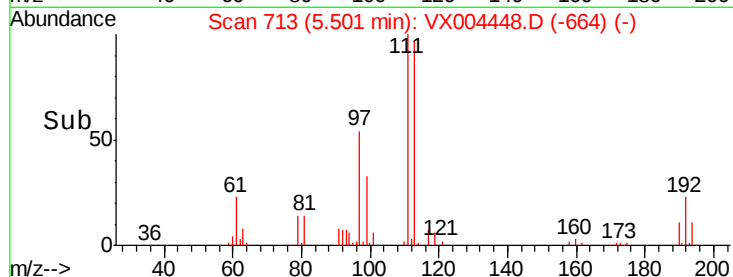
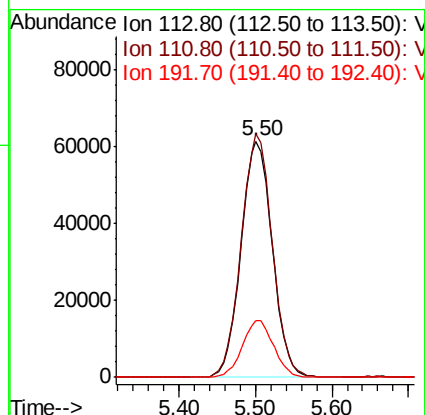
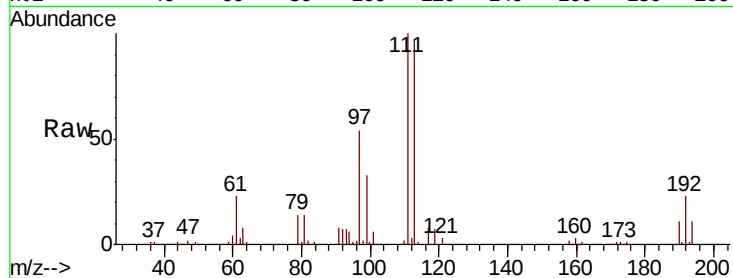




#35
 Dibromofluoromethane
 Concen: 49.76 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

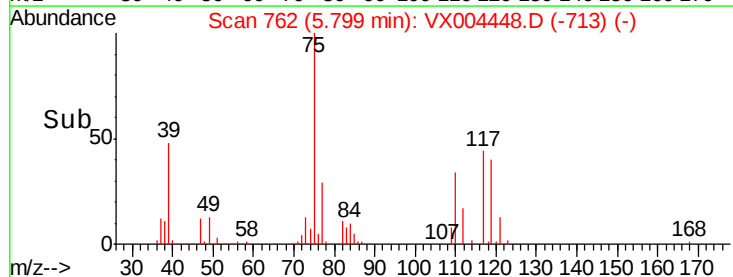
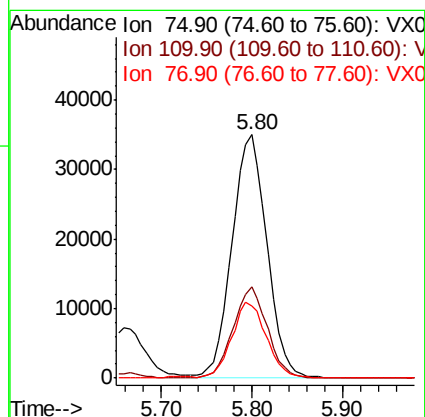
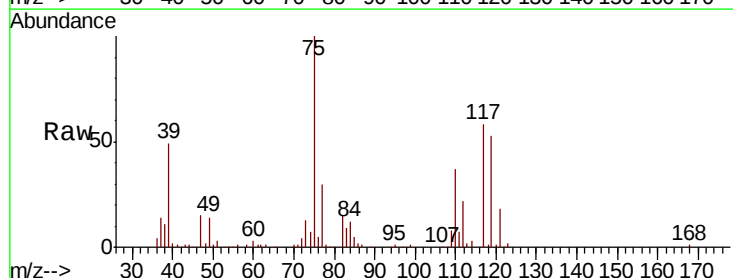
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

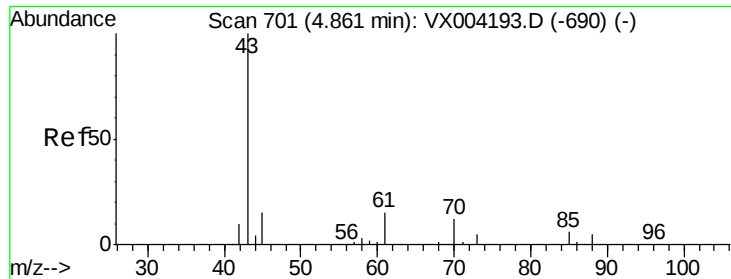
Tot Ion:113 Resp: 174759
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.0 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 17.53 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion: 75 Resp: 93022
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.0 54.0
 77 31.2 24.6 36.8

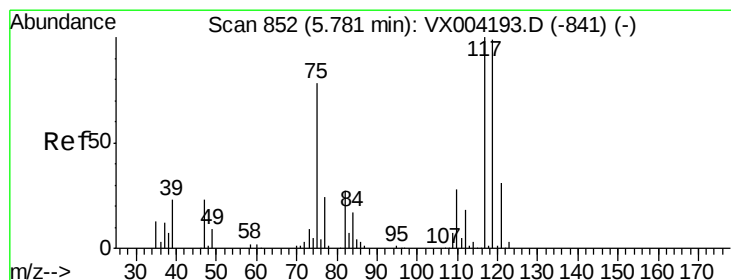
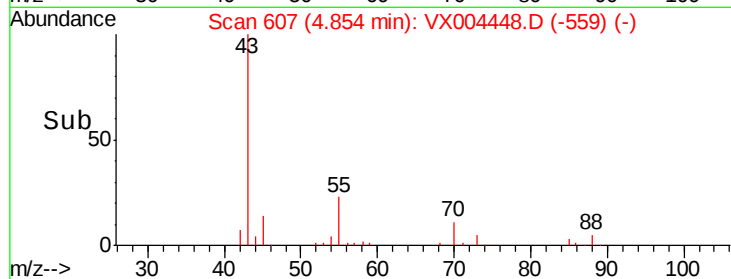
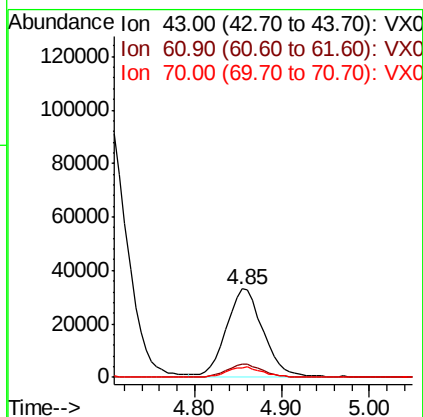
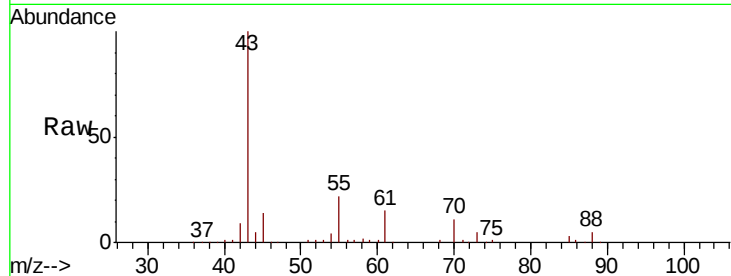




#37
Ethyl Acetate
Concen: 18.39 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

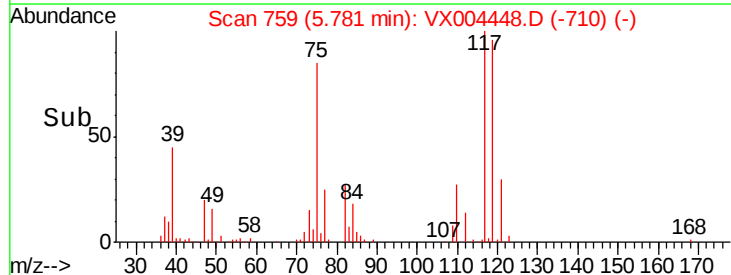
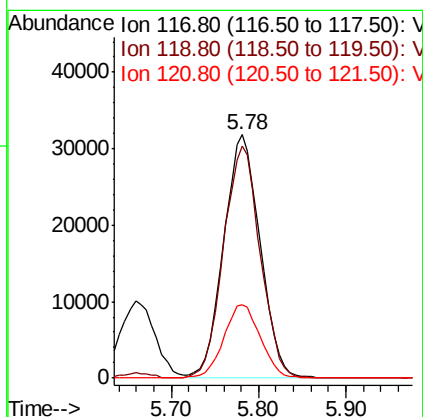
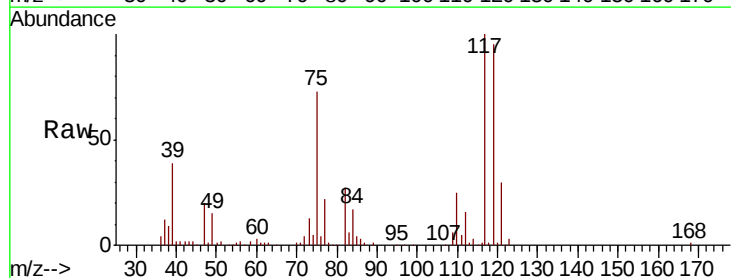
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

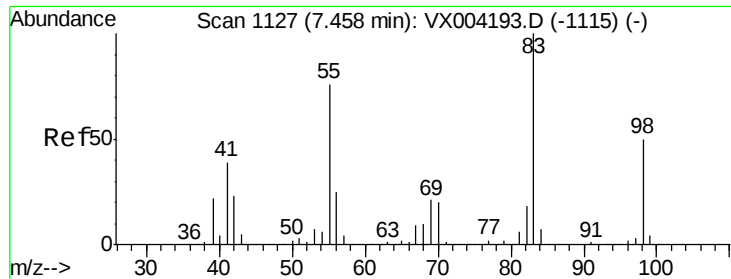
Tot Ion: 43 Resp: 95985
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.43 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 117 Resp: 92037
Ion Ratio Lower Upper
117 100
119 95.0 78.8 118.2
121 29.9 24.9 37.3

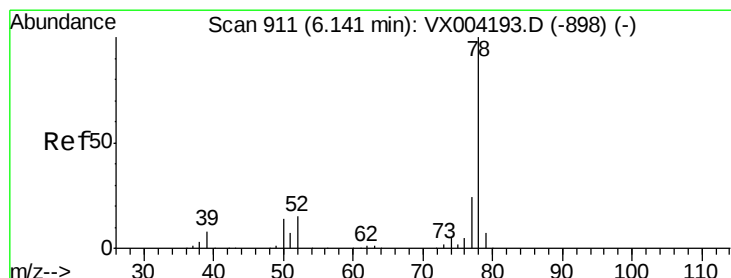
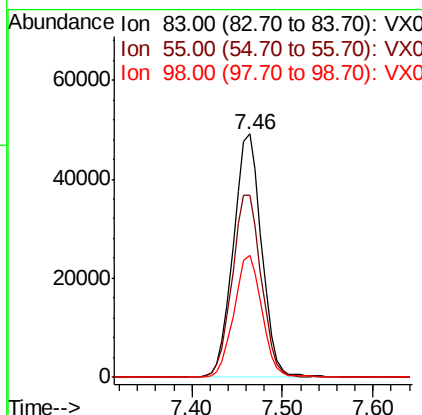
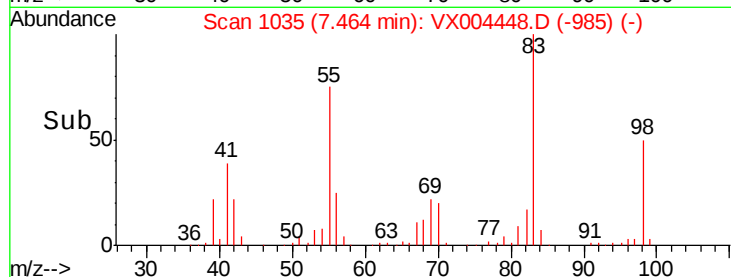
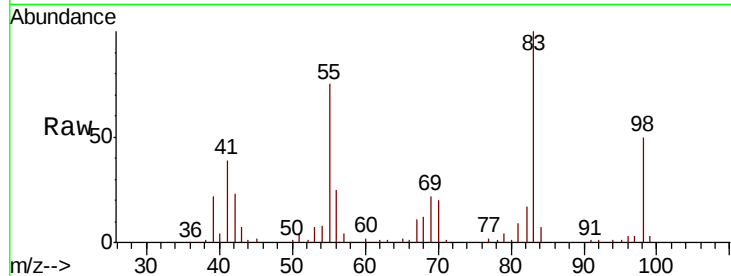




#39
Methvlcvclohexane
Concen: 17.61 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

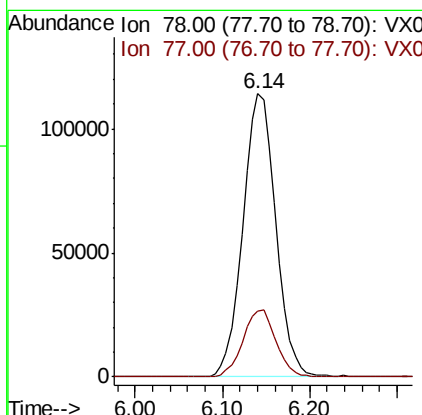
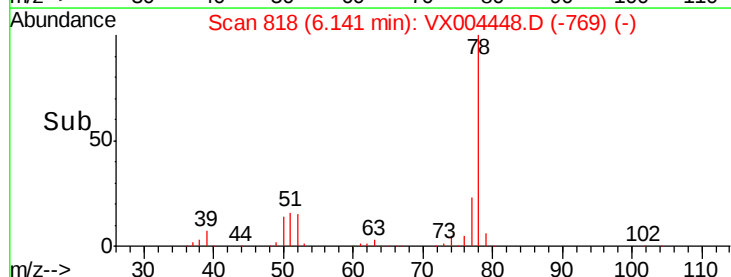
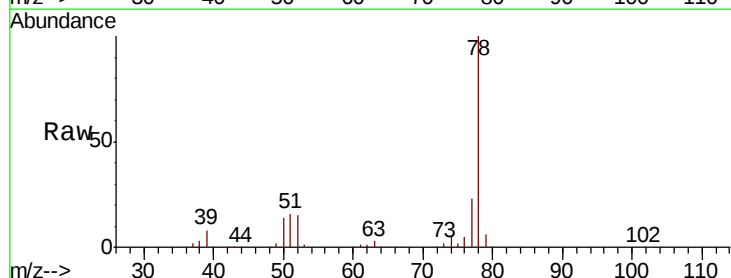
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

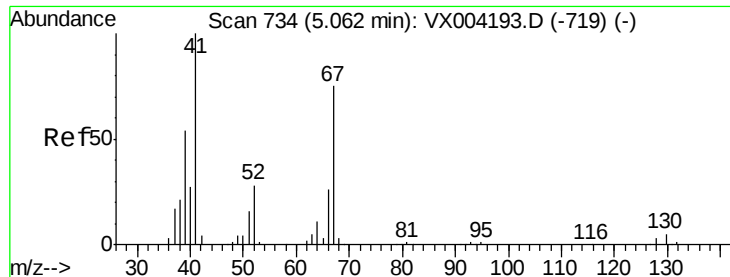
Tot Ion: 83 Resp: 106712
Ion Ratio Lower Upper
83 100
55 75.1 61.0 91.4
98 50.0 39.6 59.4



#40
Benzene
Concen: 18.73 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 78 Resp: 297019
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41

Methacrylonitrile

Concen: 19.64 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

Tot Ion: 41 Resp: 59421

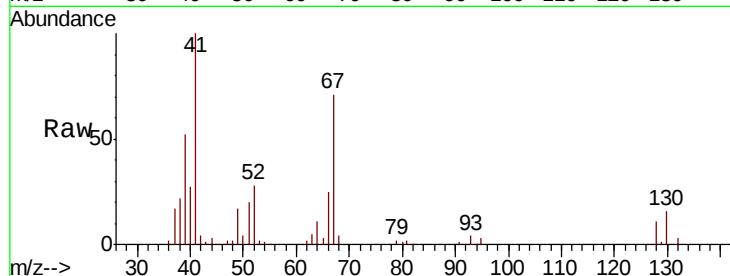
Ion Ratio Lower Upper

41 100

39 52.2 42.4 63.6

67 72.0 59.2 88.8

52 29.2 23.0 34.4



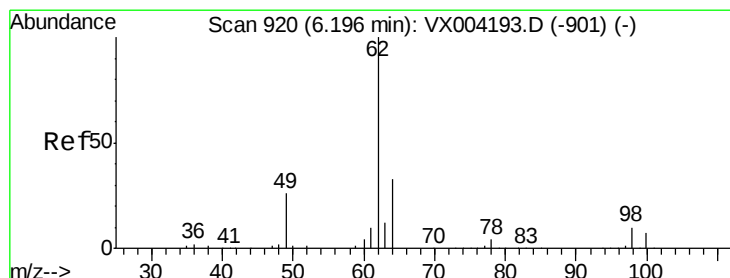
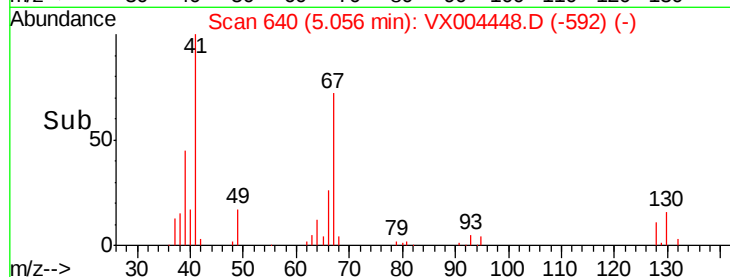
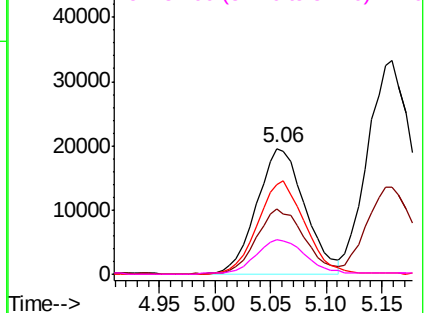
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.56 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004448.D

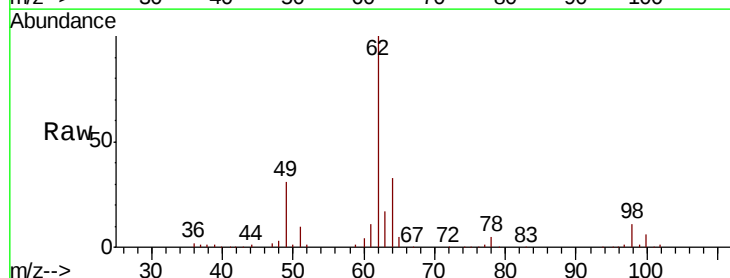
Acq: 10 Sep 2018 15:01

Tgt Ion: 62 Resp: 100427

Ion Ratio Lower Upper

62 100

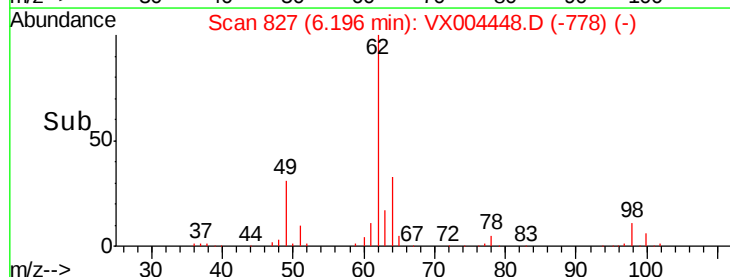
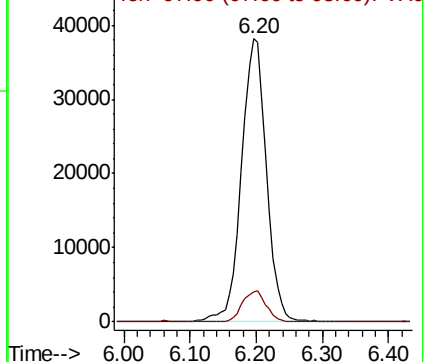
98 10.5 0.0 20.6

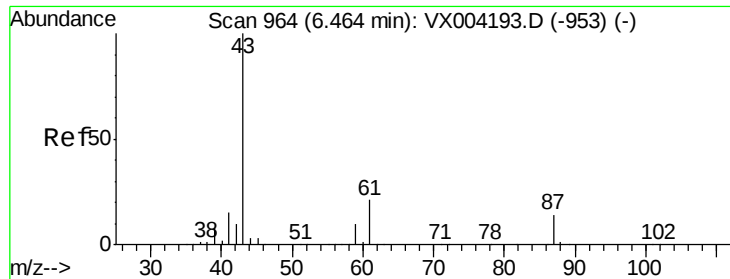


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



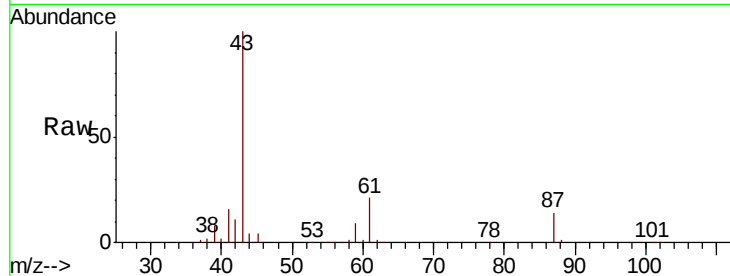


#43

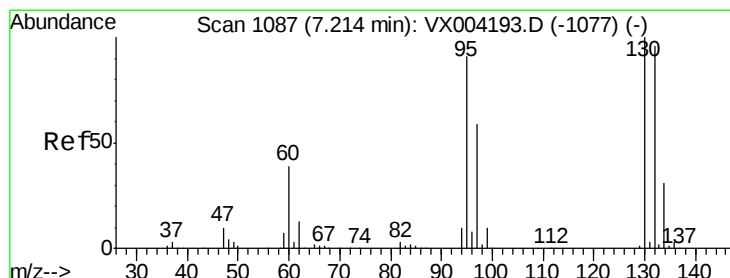
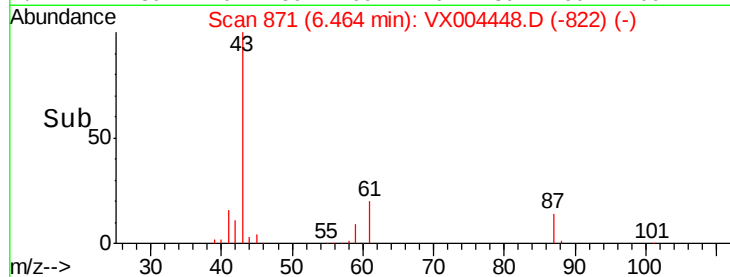
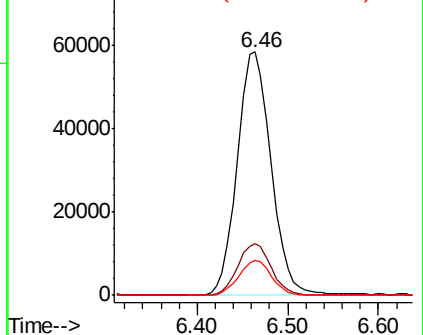
Isopropyl Acetate
 Concen: 18.74 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

Tot Ion	43	Resp	150340
Ion Ratio	Lower	Upper	
43	100		
61	21.0	17.0	25.4
87	14.0	11.4	17.2



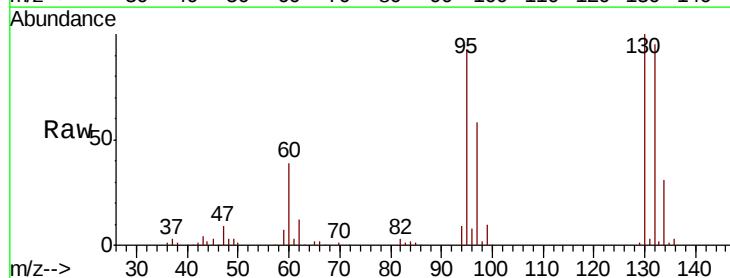
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



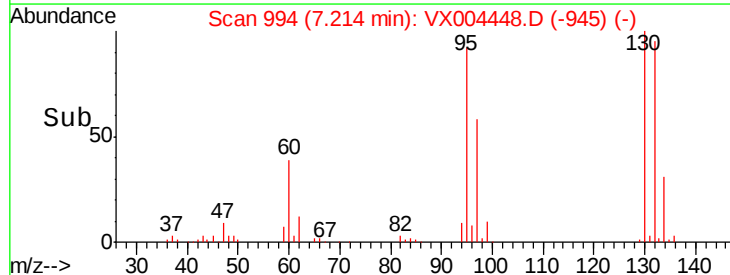
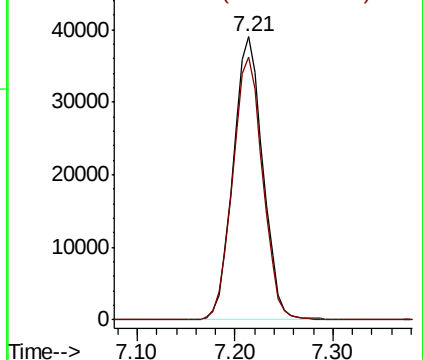
#44

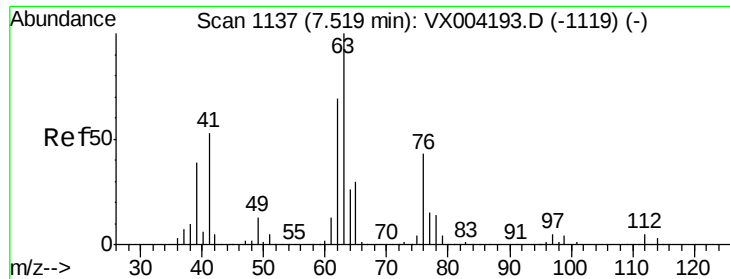
Trichloroethene
 Concen: 18.71 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion	130	Resp	82155
Ion Ratio	Lower	Upper	
130	100		
95	92.7	0.0	181.6



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

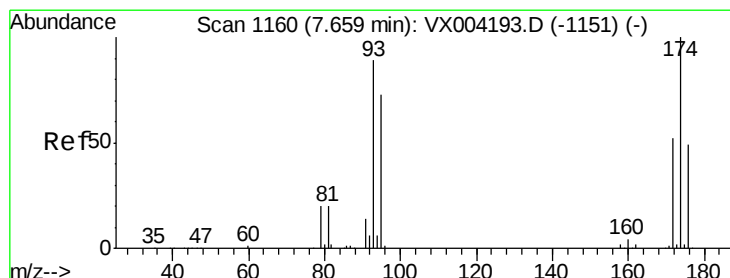
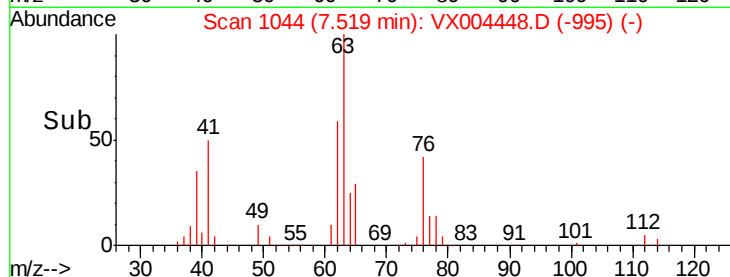
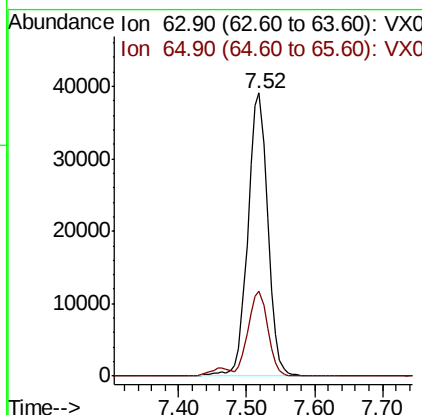
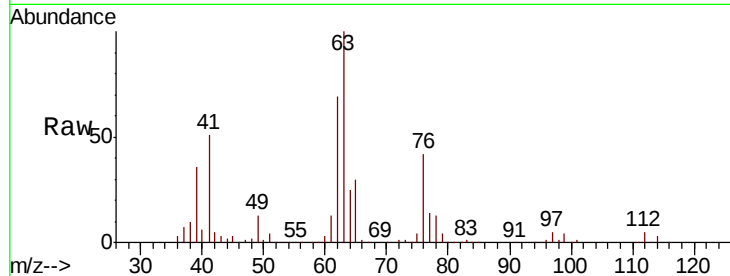




#45
 1,2-Dichloropropane
 Concen: 20.11 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

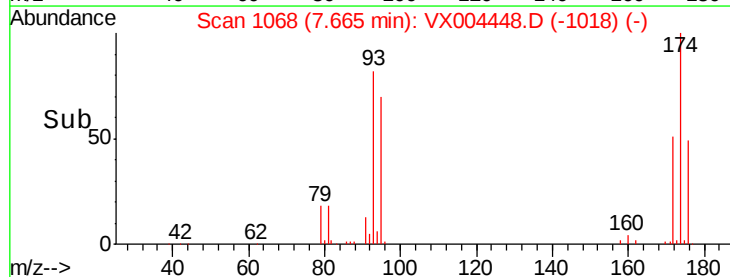
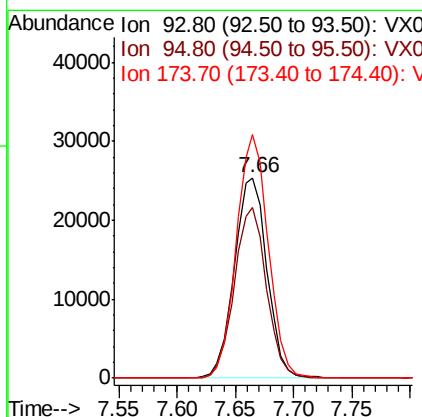
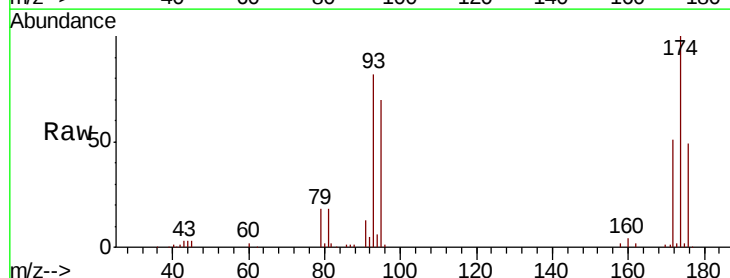
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

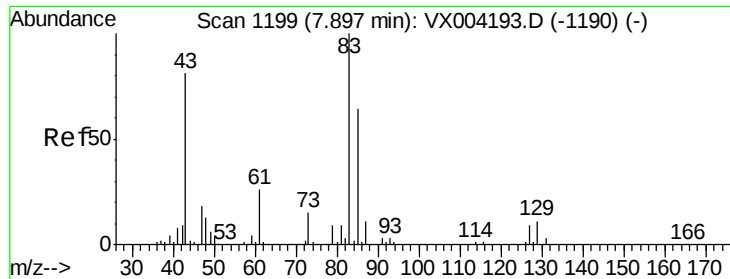
Tot Ion: 63 Resp: 79801
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5



#46
 Dibromomethane
 Concen: 18.77 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion: 93 Resp: 49618
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.5 98.3
 174 118.8 94.2 141.4





#47

Bromodichloromethane

Concen: 19.40 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

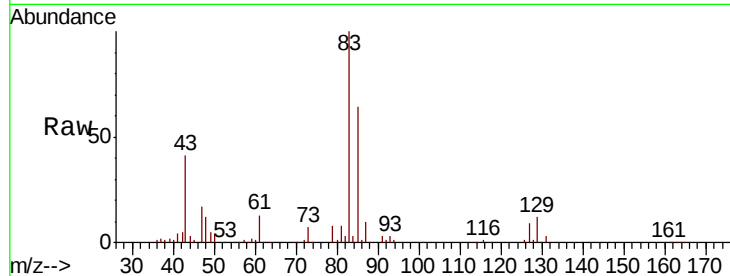
Tot Ion: 83 Resp: 95420

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

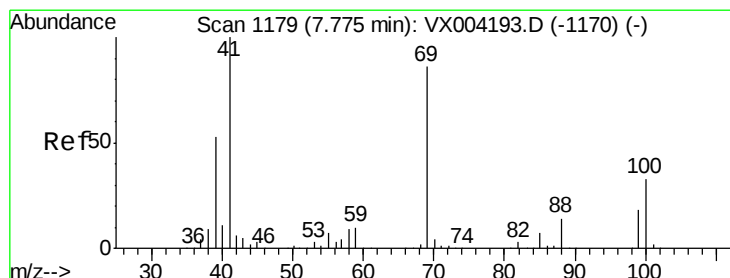
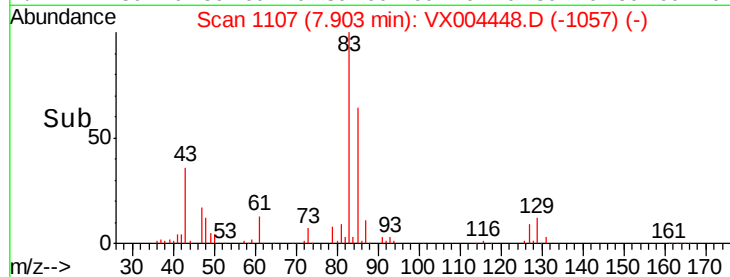
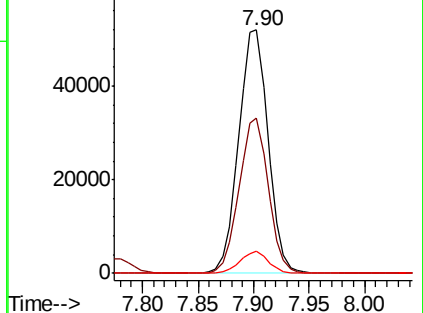
127 9.0 7.3 10.9



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: 19.23 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

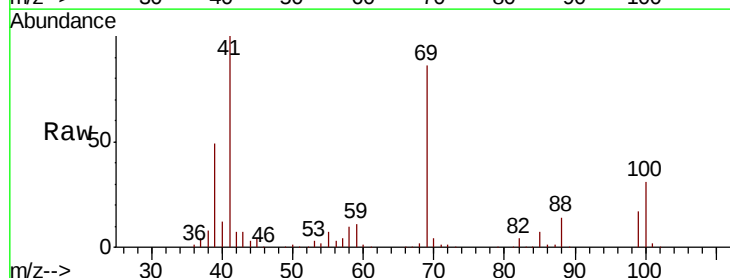
Tgt Ion: 41 Resp: 82512

Ion Ratio Lower Upper

41 100

69 87.3 70.2 105.4

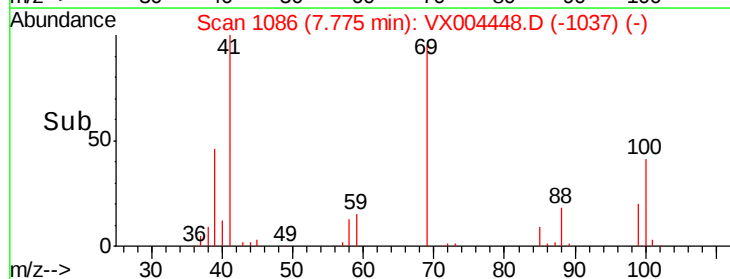
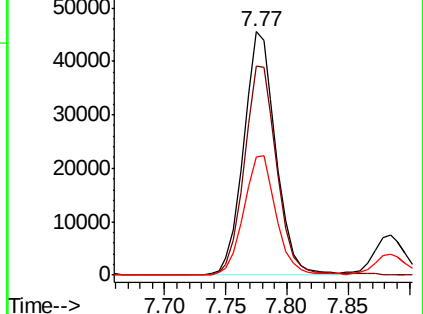
39 50.2 42.7 64.1

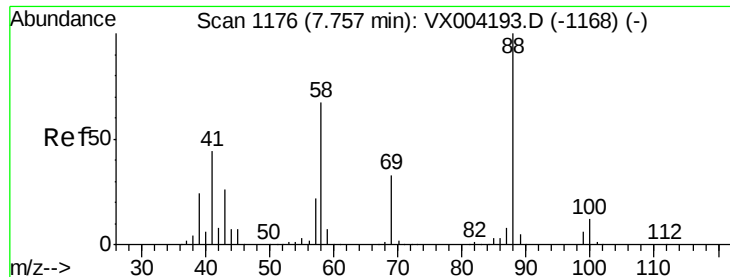


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

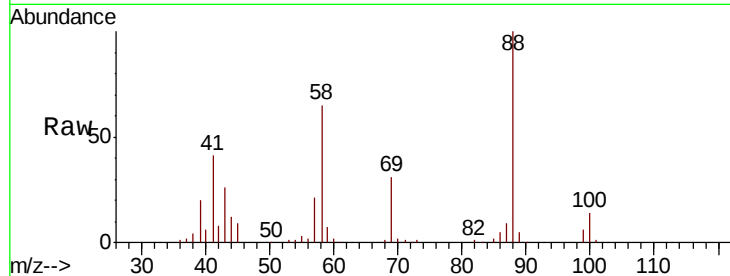




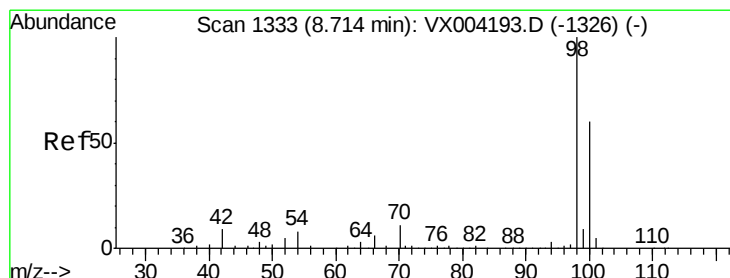
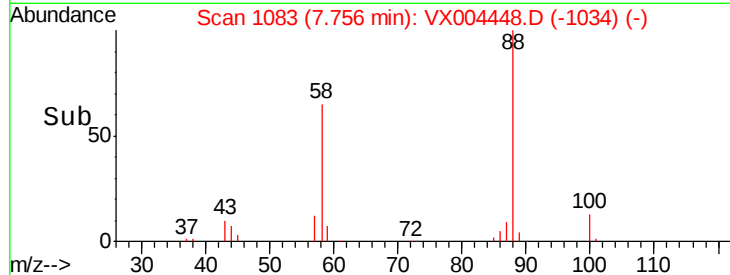
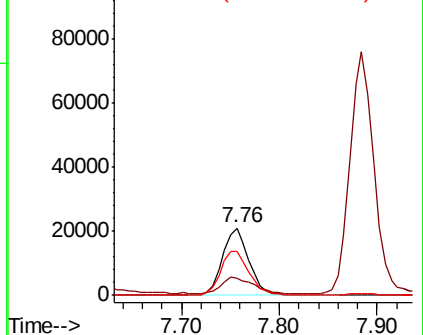
#49
1,4-Dioxane
Concen: 402.70 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

Tot Ion: 88 Resp: 39240
Ion Ratio Lower Upper
88 100
43 31.1 24.7 37.1
58 70.8 55.3 82.9

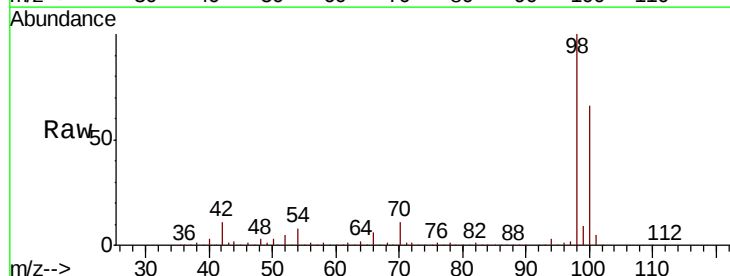


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

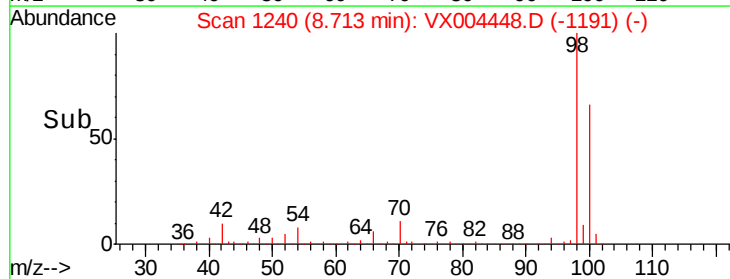
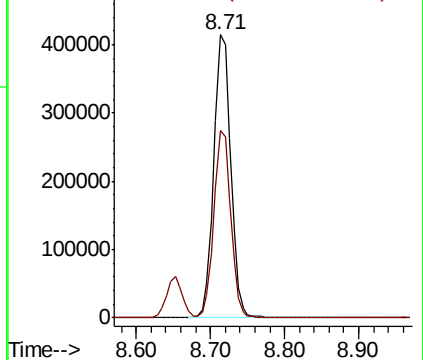


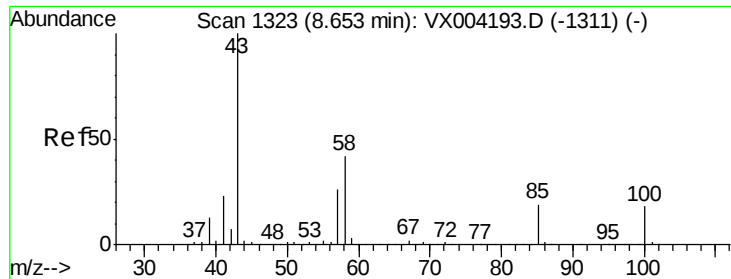
#50
Toluene-d8
Concen: 48.87 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 98 Resp: 647849
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 93.80 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

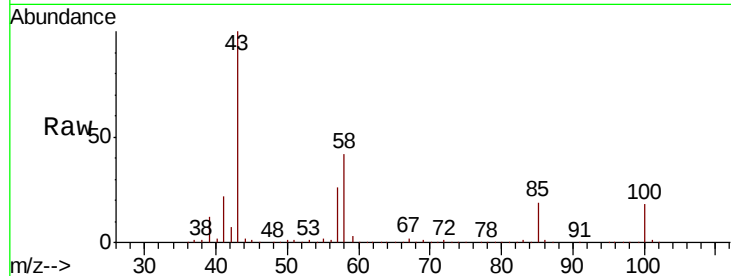
VX0910WBSD01

Tot Ion: 43 Resp: 546638

Ion Ratio Lower Upper

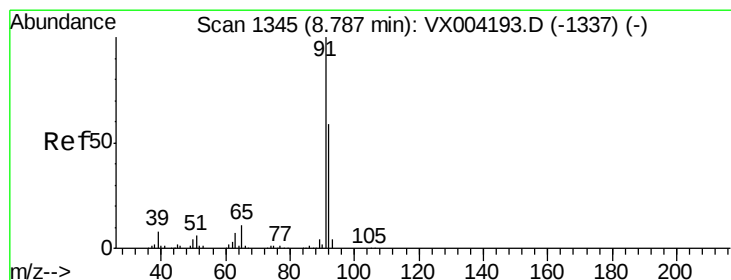
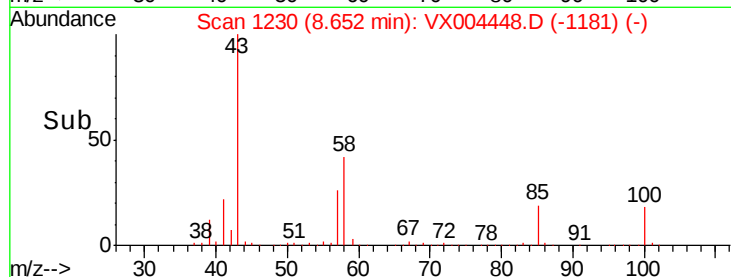
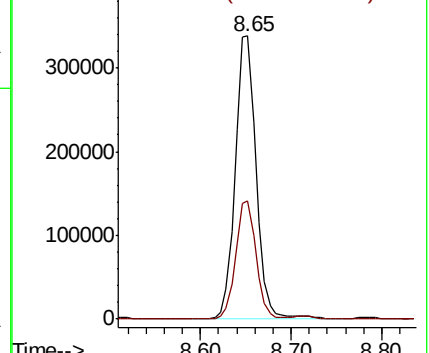
43 100

58 40.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.27 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004448.D

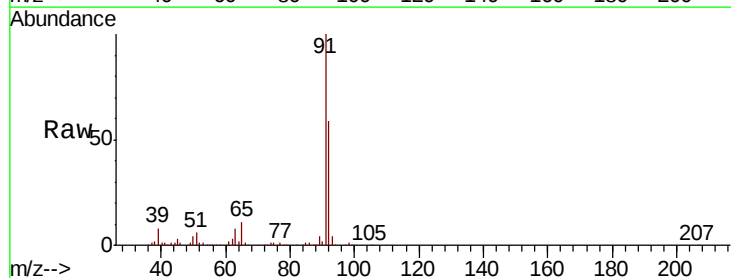
Acq: 10 Sep 2018 15:01

Tgt Ion: 92 Resp: 191324

Ion Ratio Lower Upper

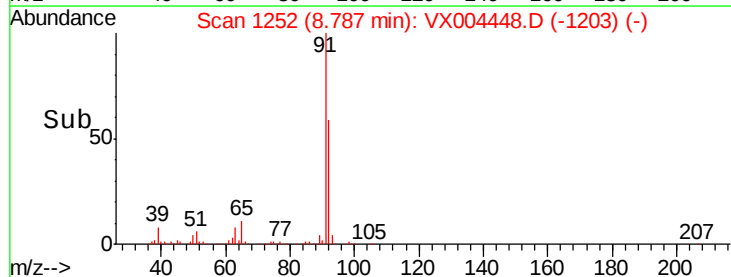
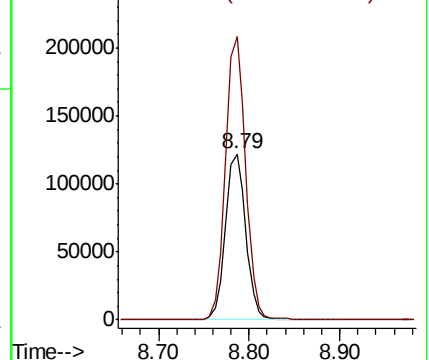
92 100

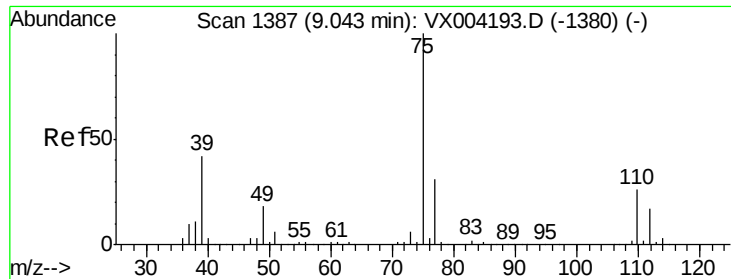
91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.23 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

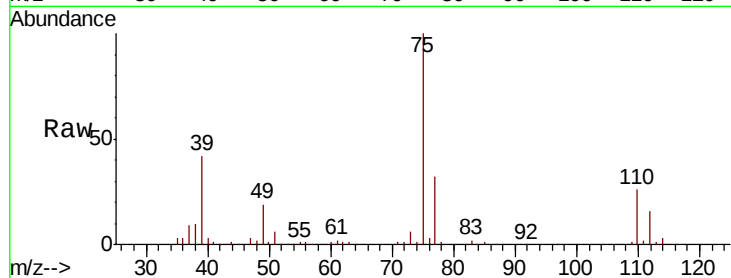
VX0910WBSD01

Tot Ion: 75 Resp: 104429

Ion Ratio Lower Upper

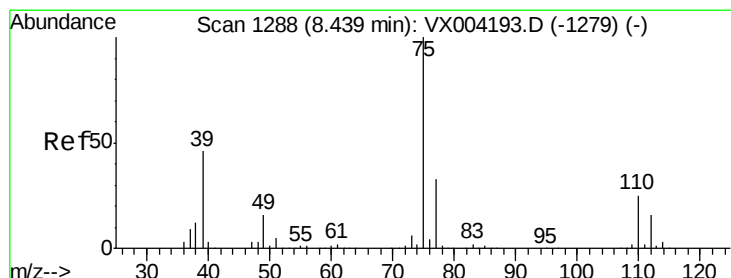
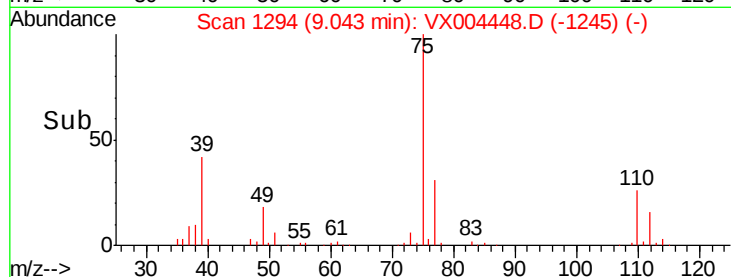
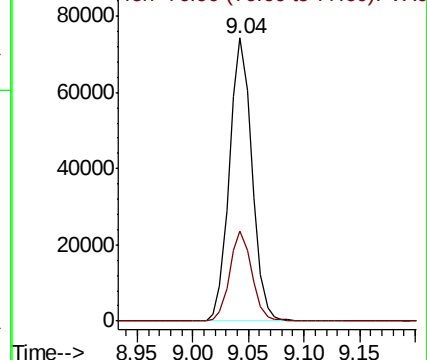
75 100

77 31.5 24.6 37.0



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: 19.46 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

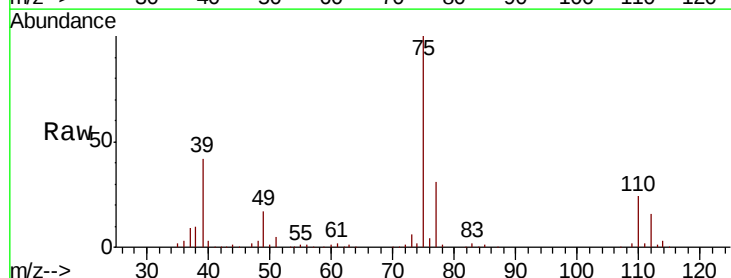
Tgt Ion: 75 Resp: 115140

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

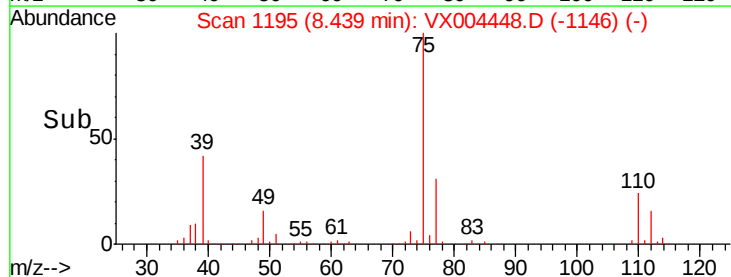
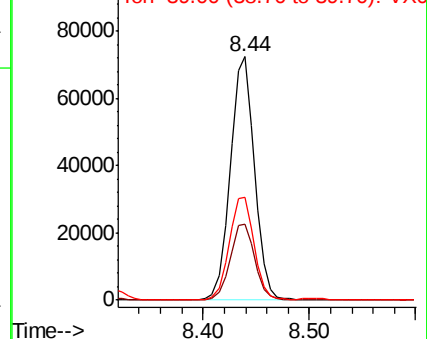
39 42.2 36.4 54.6

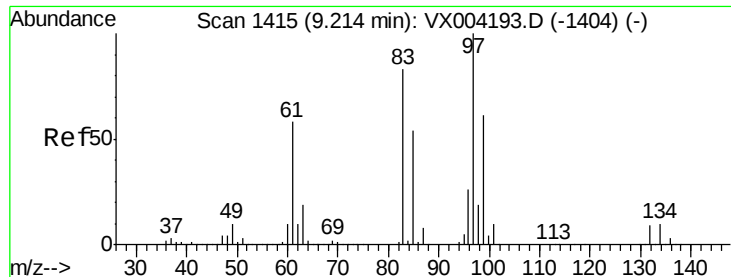


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.04 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

Tot Ion: 97 Resp: 80289

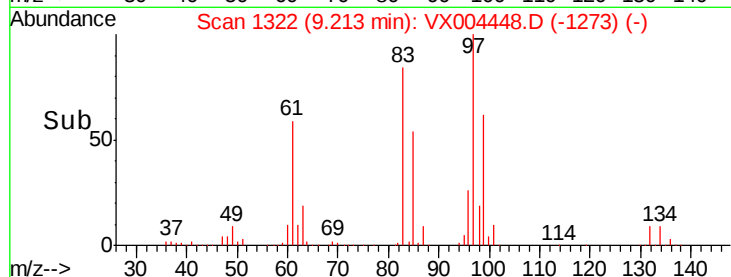
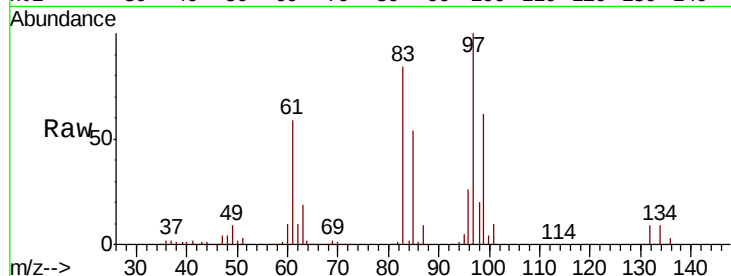
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.4	99.6
85	53.5	43.3	64.9
99	61.7	49.0	73.4

97 100

83 83.9 66.4 99.6

85 53.5 43.3 64.9

99 61.7 49.0 73.4

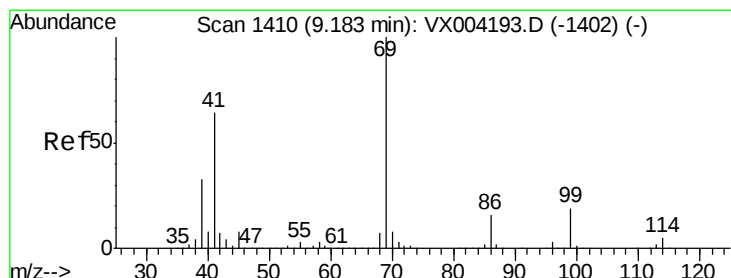
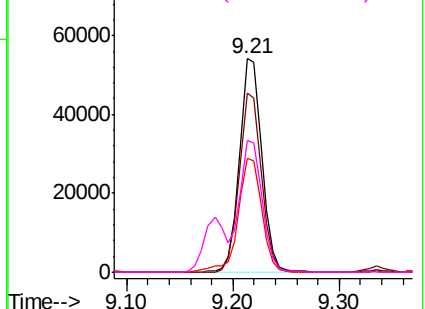


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.21 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

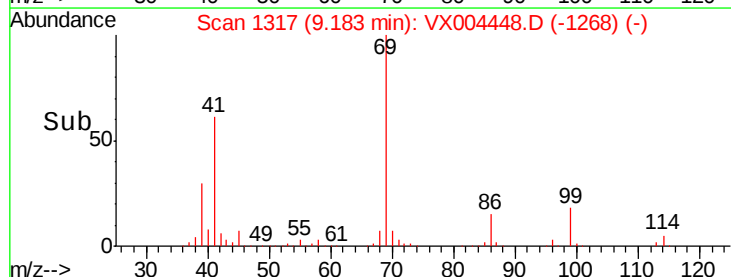
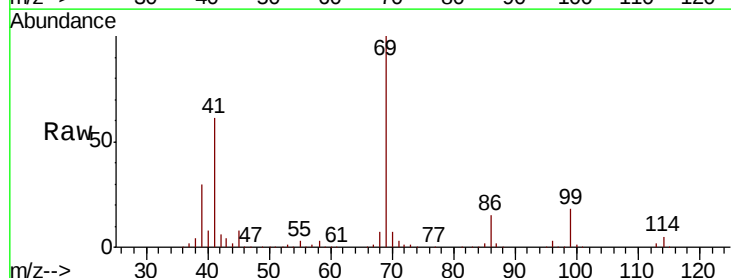
Tgt Ion: 69 Resp: 104804

Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.4
39	30.2	26.1	39.1

69 100

41 62.2 51.0 76.4

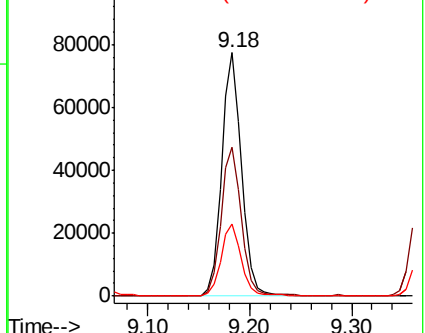
39 30.2 26.1 39.1

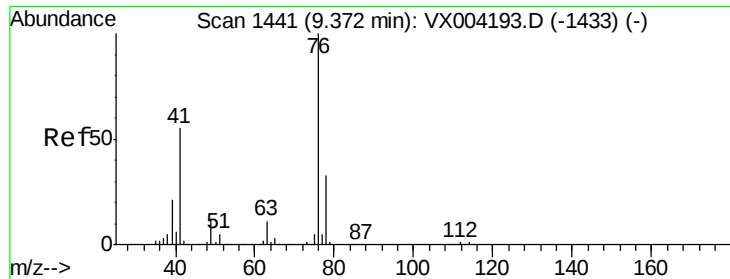


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.60 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampled :

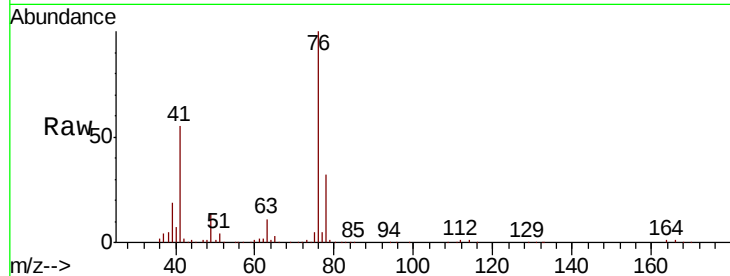
VX0910WBSD01

Tot Ion: 76 Resp: 132382

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

100000

80000

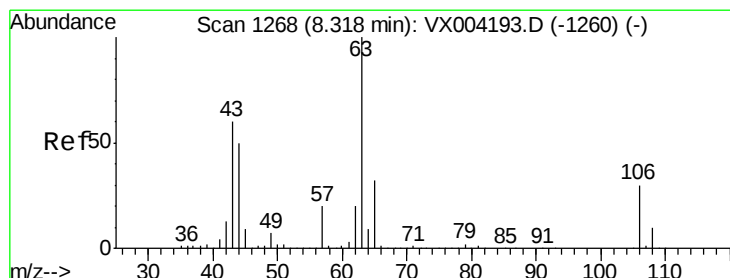
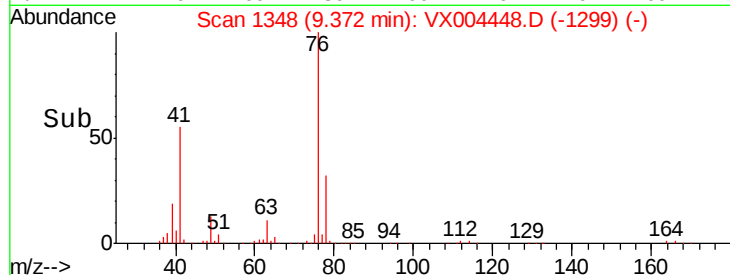
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 105.98 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004448.D

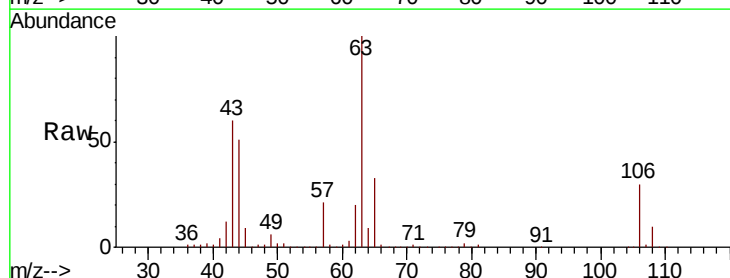
Acq: 10 Sep 2018 15:01

Tgt Ion: 63 Resp: 296231

Ion Ratio Lower Upper

63 100

106 29.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

200000

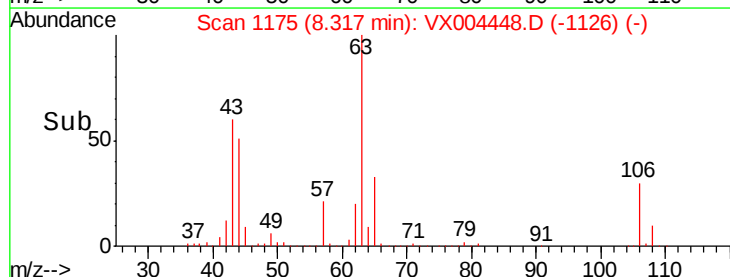
150000

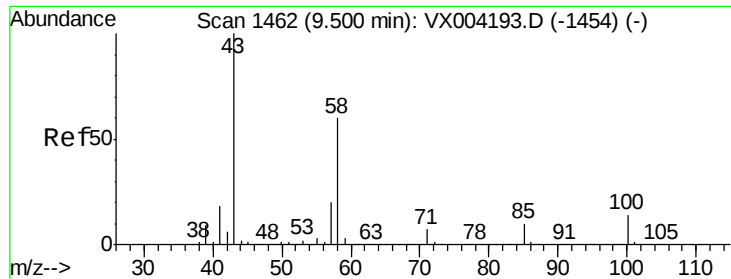
100000

50000

0

Time-->

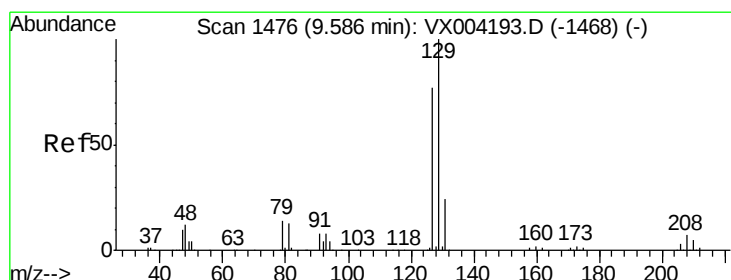
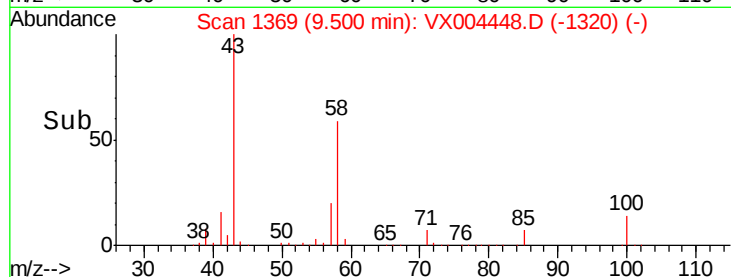
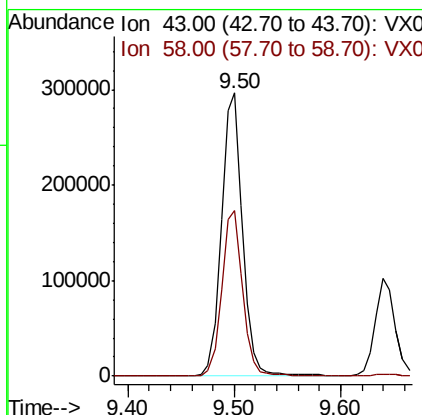
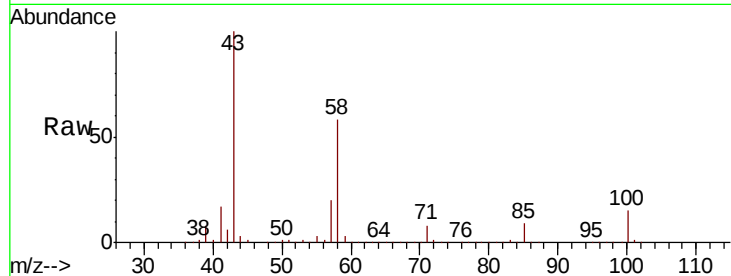




#59
2-Hexanone
Concen: 91.74 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

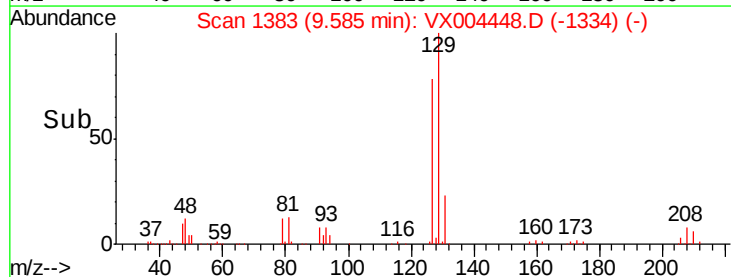
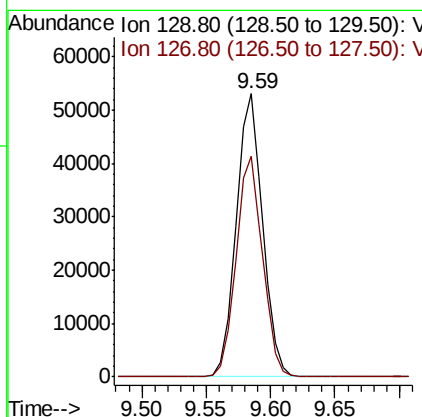
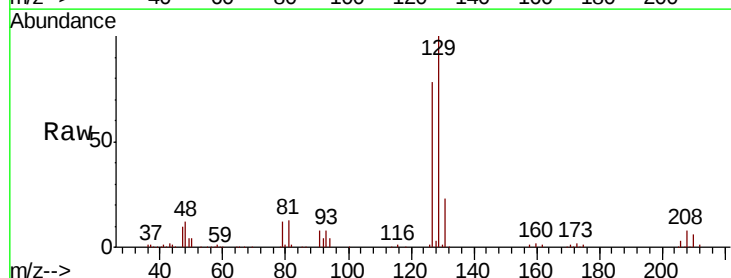
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

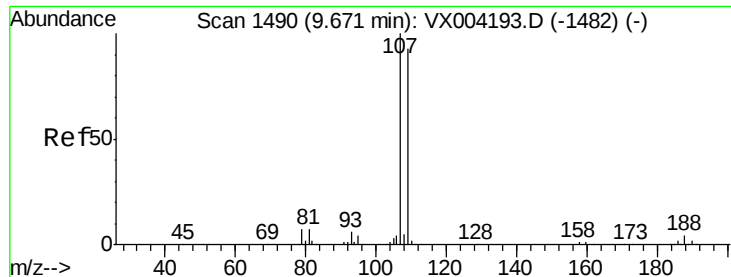
Tot Ion: 43 Resp: 407872
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.0



#60
Dibromochloromethane
Concen: 19.27 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 129 Resp: 75237
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.22 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

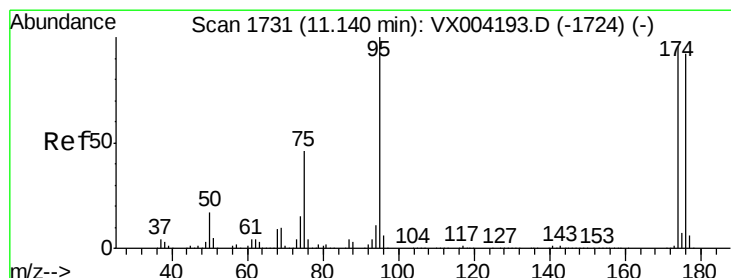
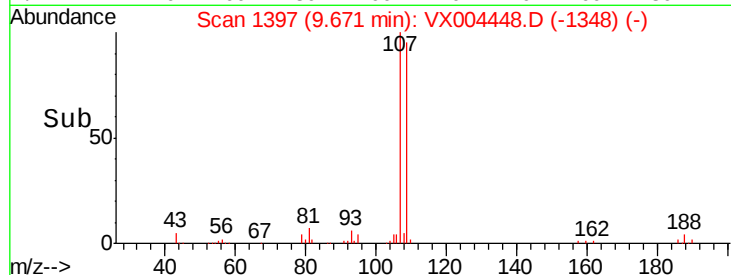
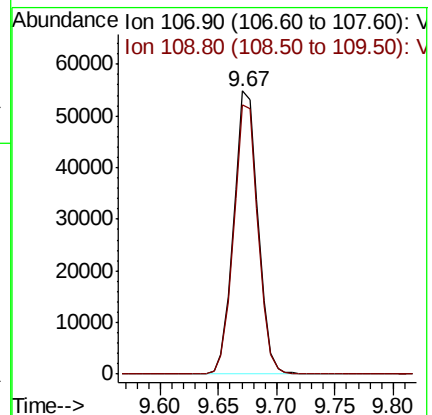
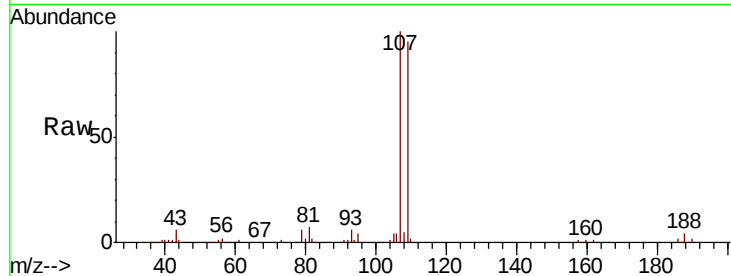
VX0910WBSD01

Tot Ion:107 Resp: 79689

Ion Ratio Lower Upper

107 100

109 95.3 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 49.00 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

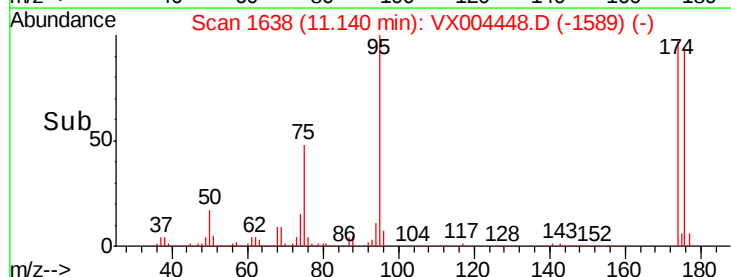
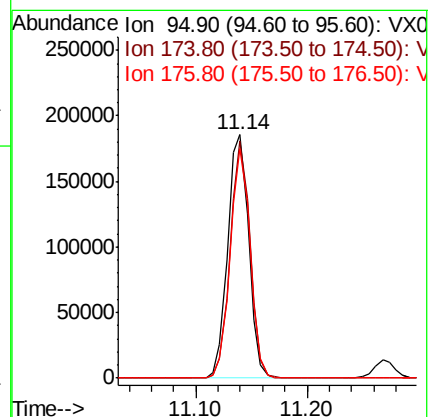
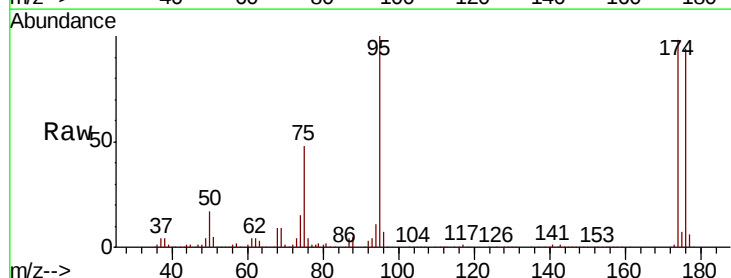
Tgt Ion: 95 Resp: 242390

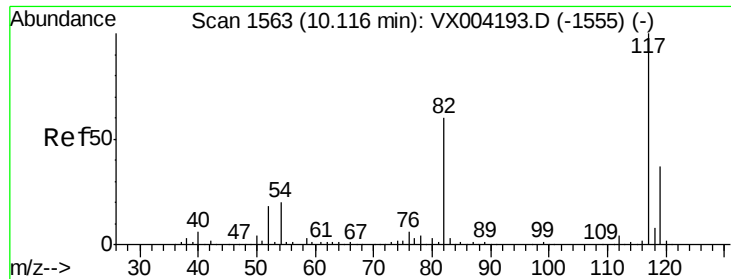
Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.2

176 89.6 0.0 178.6

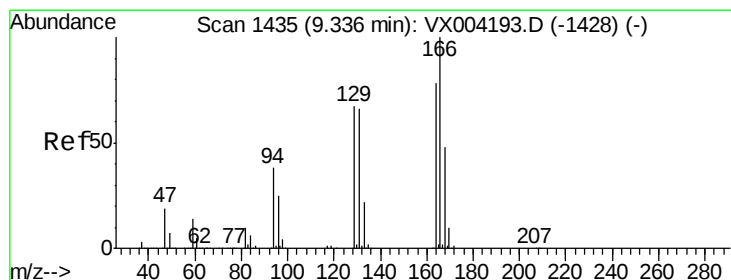
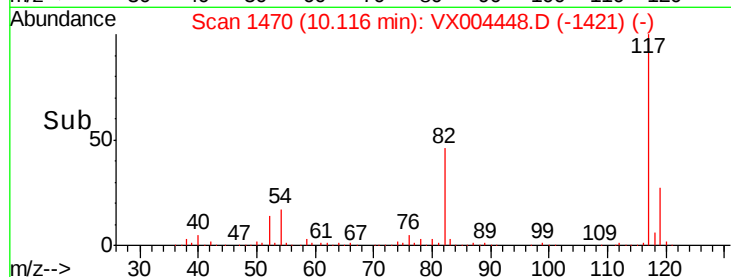
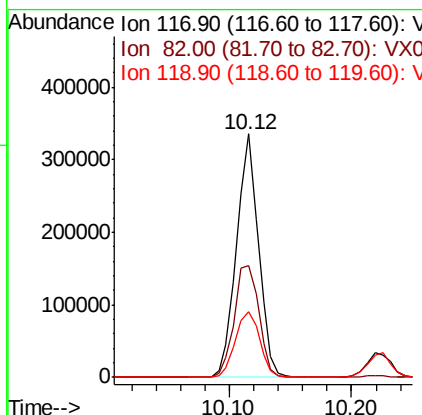
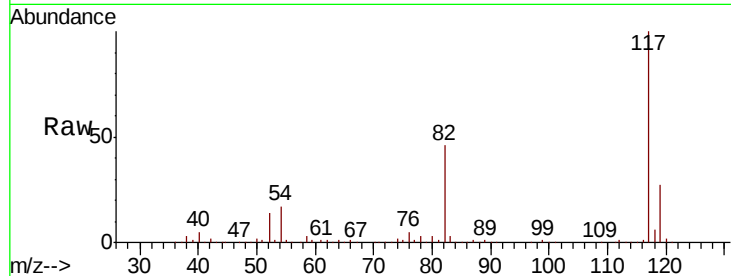




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

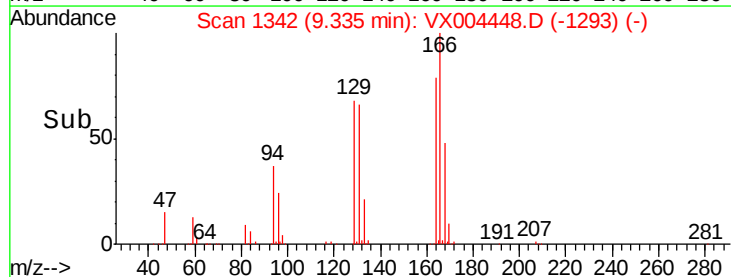
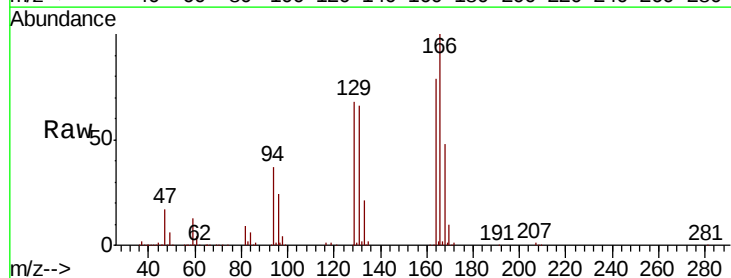
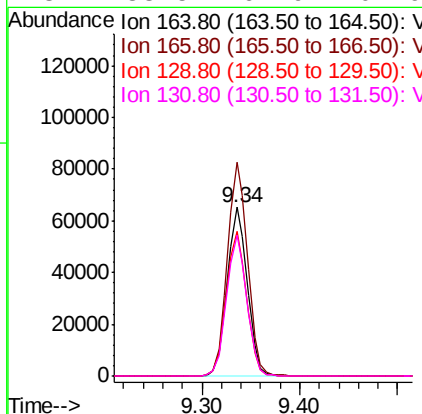
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

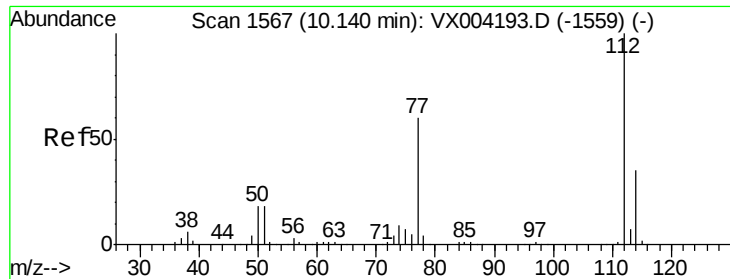
Tot Ion:117 Resp: 415918
Ion Ratio Lower Upper
117 100
82 45.7 47.8 71.6#
119 27.0 29.3 43.9#



#64
Tetrachloroethene
Concen: 22.76 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion:164 Resp: 93526
Ion Ratio Lower Upper
164 100
166 126.5 102.8 154.2
129 85.9 69.4 104.0
131 83.5 67.9 101.9

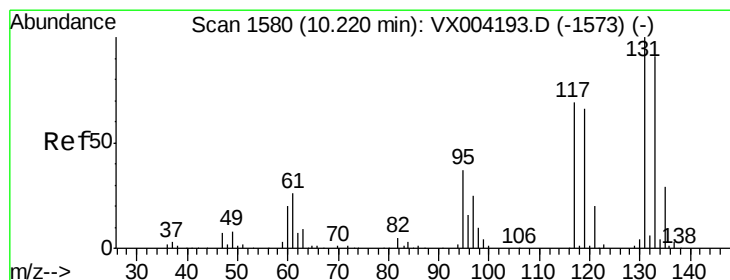
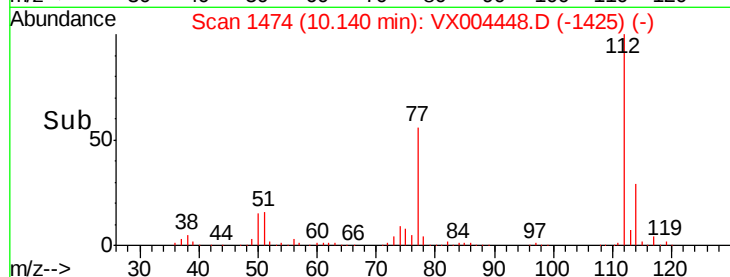
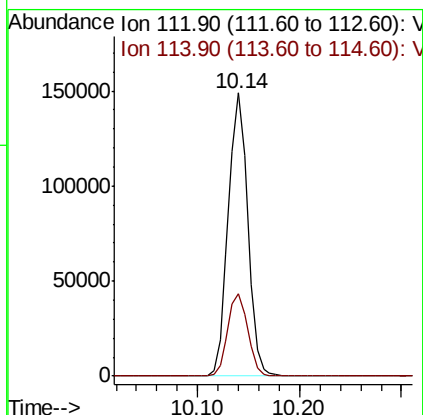
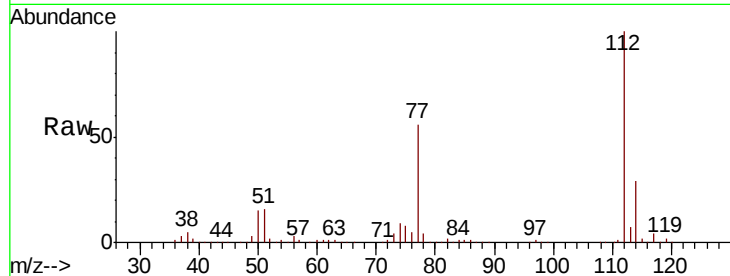




#65
Chlorobenzene
Concen: 18.89 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

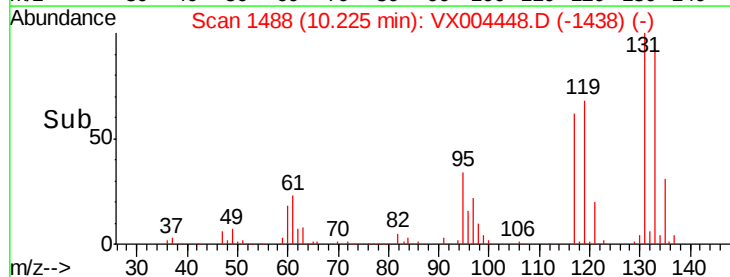
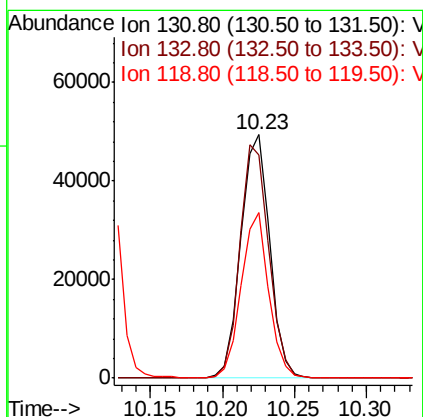
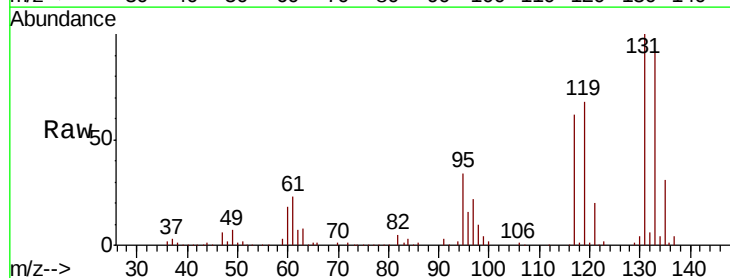
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

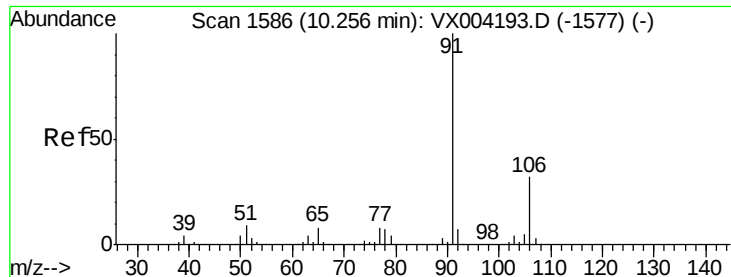
Tot Ion:112 Resp: 197152
Ion Ratio Lower Upper
112 100
114 29.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.08 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion:131 Resp: 68697
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 65.1 32.9 98.6





#67

Ethyl Benzene

Concen: 18.78 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

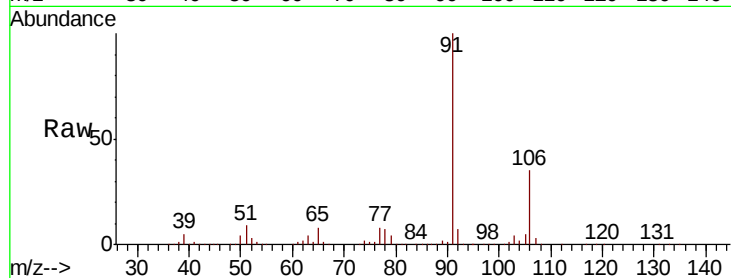
VX0910WBSD01

Tot Ion: 91 Resp: 318299

Ion Ratio Lower Upper

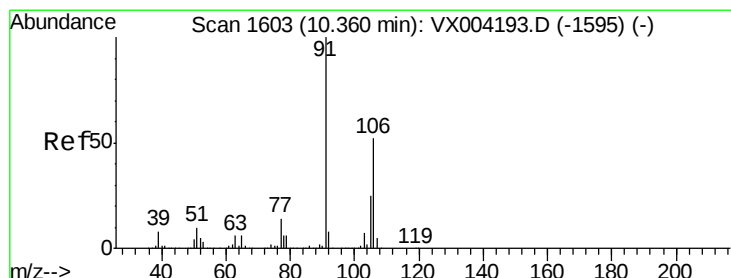
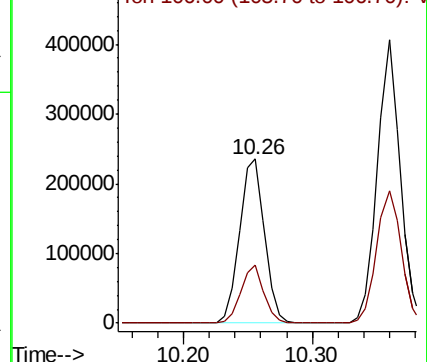
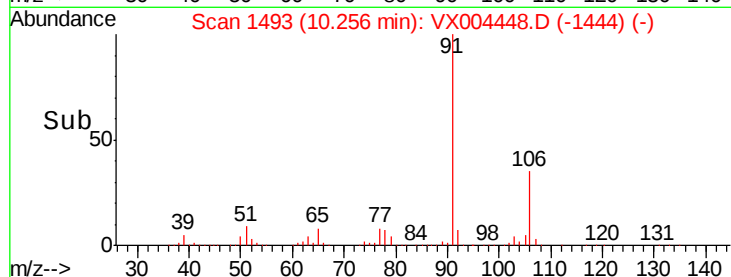
91 100

106 35.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.75 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004448.D

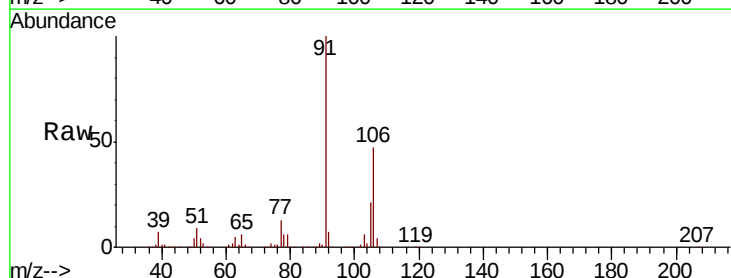
Acq: 10 Sep 2018 15:01

Tgt Ion: 106 Resp: 250266

Ion Ratio Lower Upper

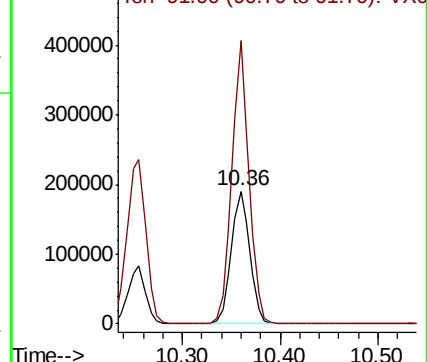
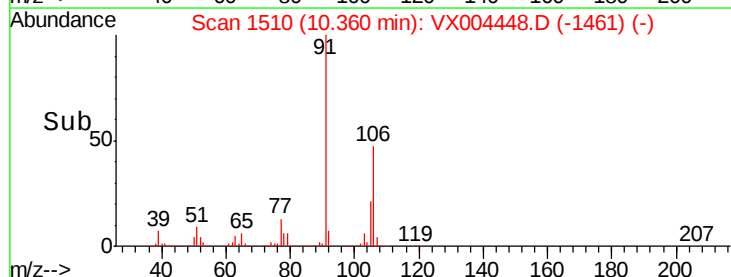
106 100

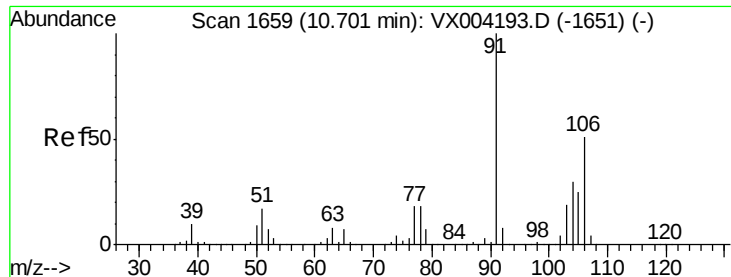
91 197.2 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

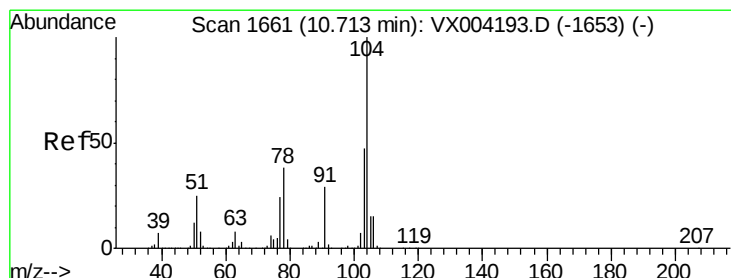
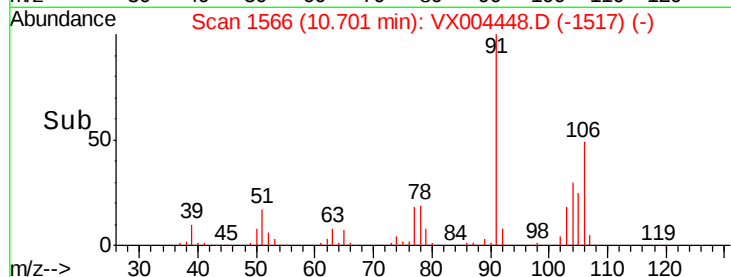
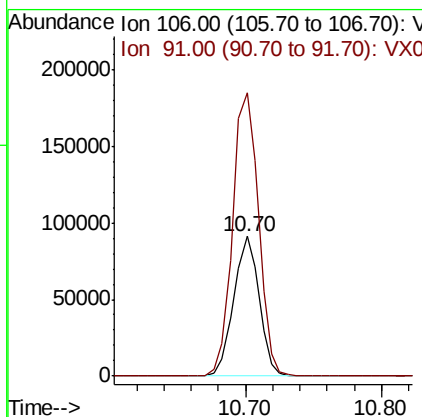
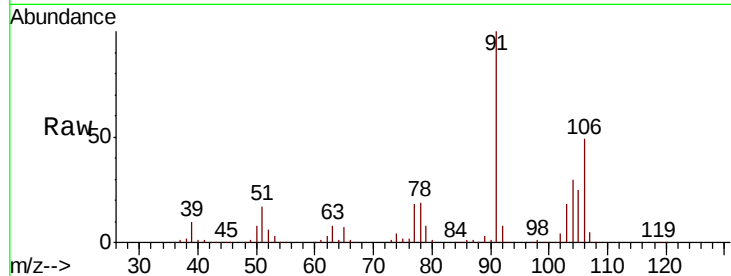




#69
o-Xylene
Concen: 18.91 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

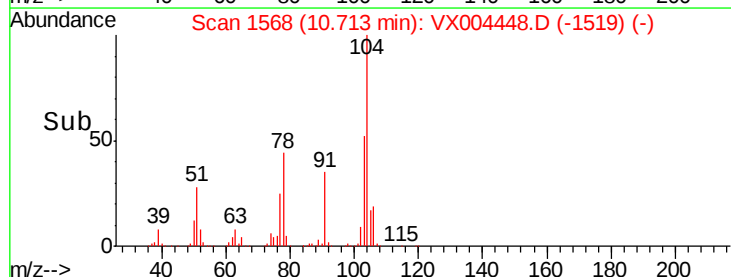
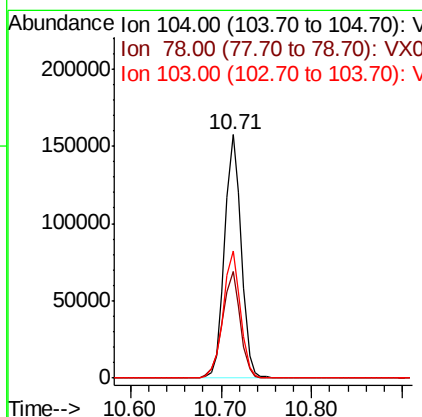
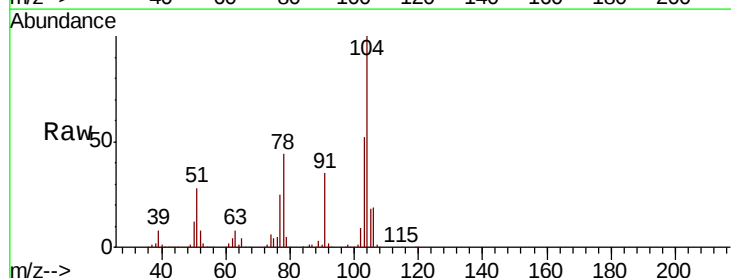
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

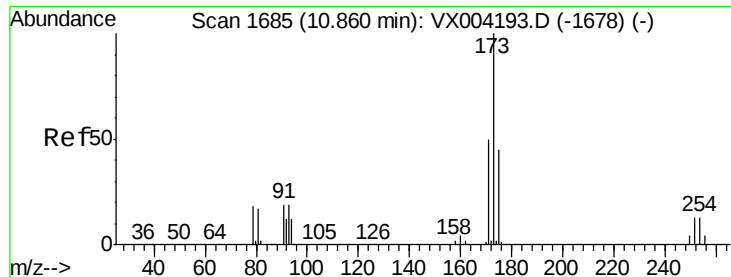
Tot Ion:106 Resp: 118571
Ion Ratio Lower Upper
106 100
91 207.9 105.1 315.1



#70
Styrene
Concen: 19.93 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion:104 Resp: 202360
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 54.1 43.8 65.6

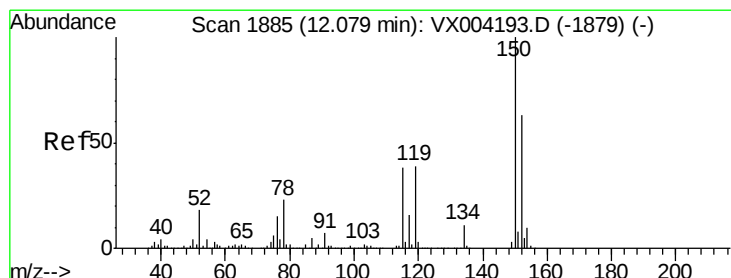
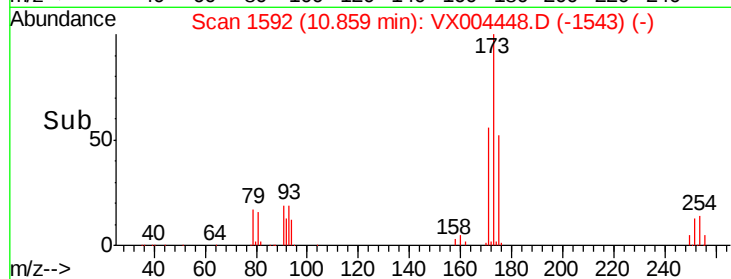
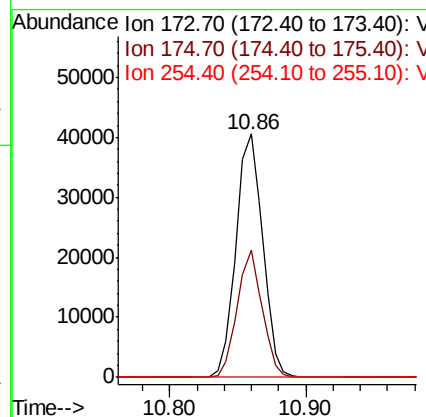
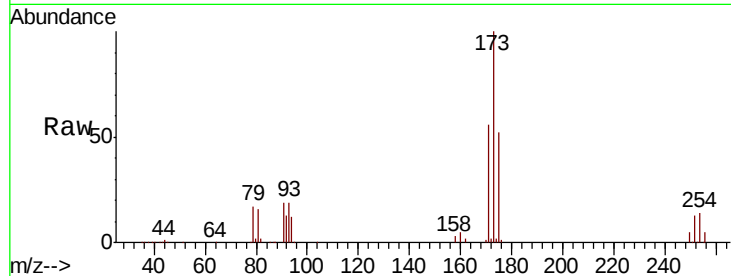




#71
Bromoform
Concen: 19.19 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

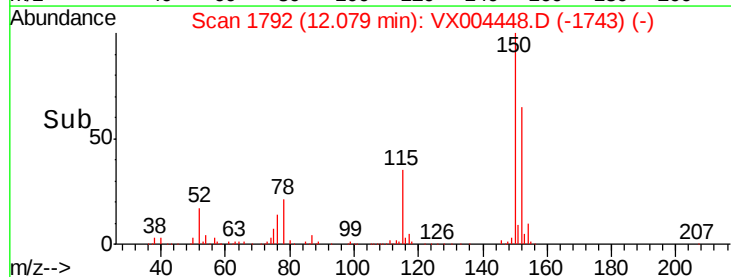
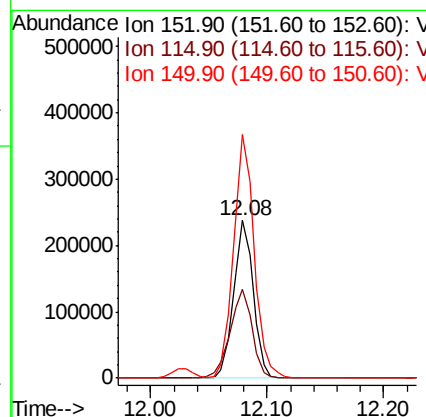
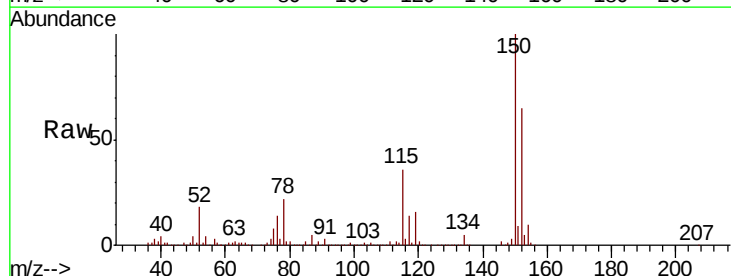
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

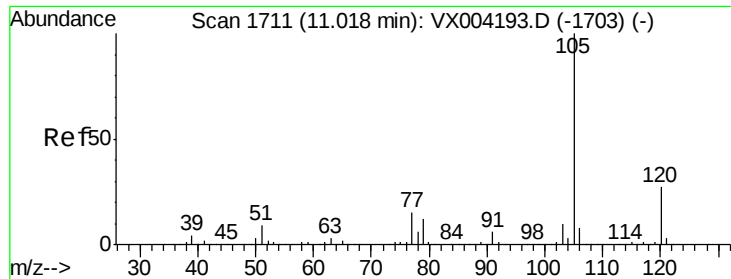
Tot Ion:173 Resp: 55705
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.3
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion:152 Resp: 279050
Ion Ratio Lower Upper
152 100
115 62.6 39.0 117.0
150 162.3 0.0 351.0

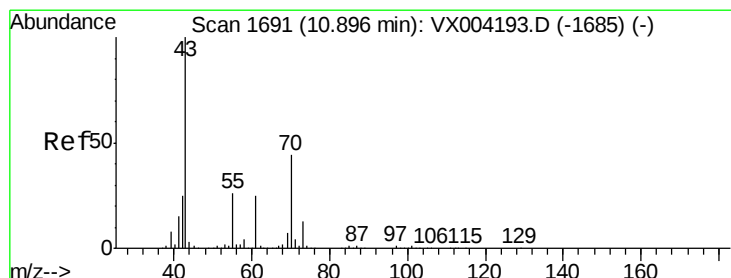
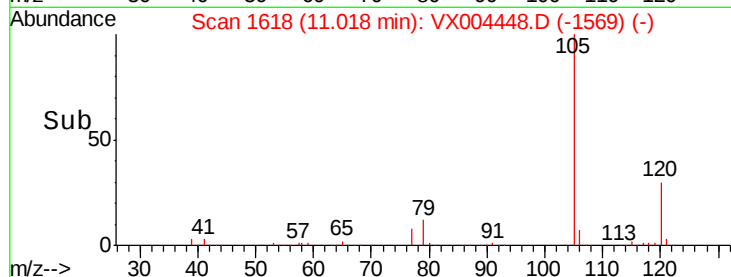
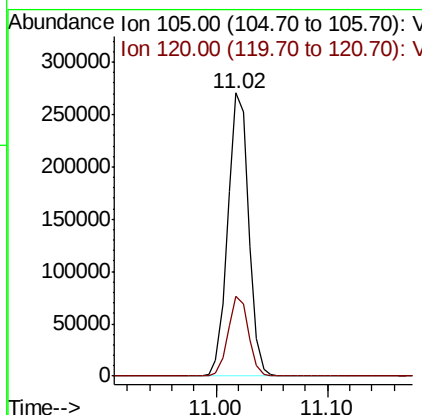
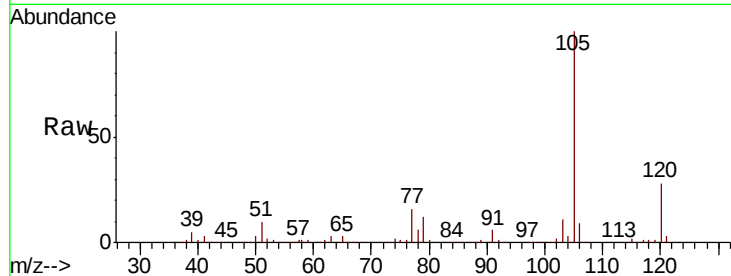




#73
Isopropylbenzene
Concen: 19.04 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

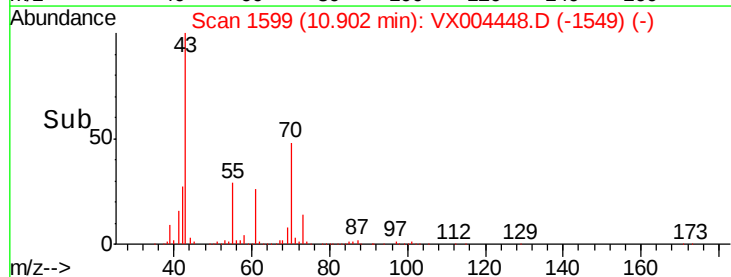
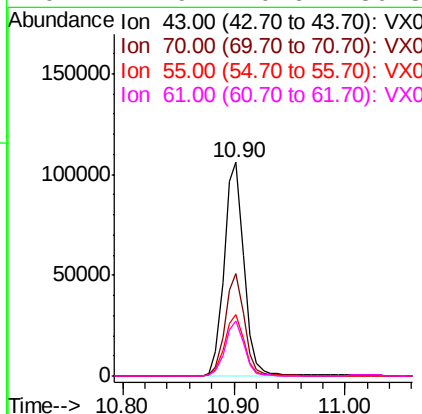
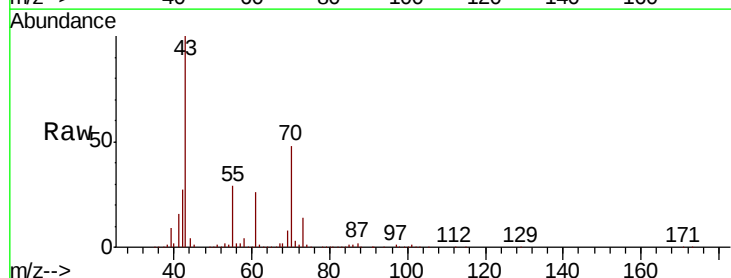
Instrument :
MSVOA_X
ClientSampleId :
VX0910WBSD01

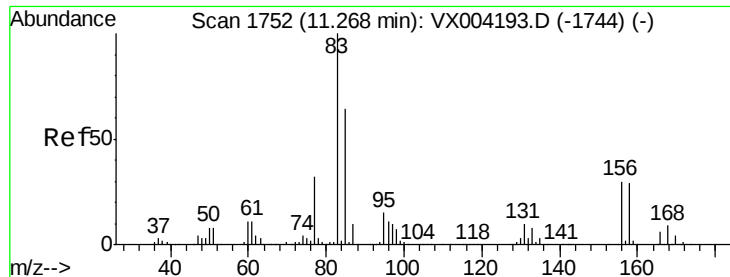
Tot Ion:105 Resp: 349006
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4



#74
N-ethyl acetate
Concen: 18.46 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX004448.D
Acq: 10 Sep 2018 15:01

Tgt Ion: 43 Resp: 130300
Ion Ratio Lower Upper
43 100
70 46.9 37.4 56.0
55 28.9 21.8 32.8
61 24.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.35 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

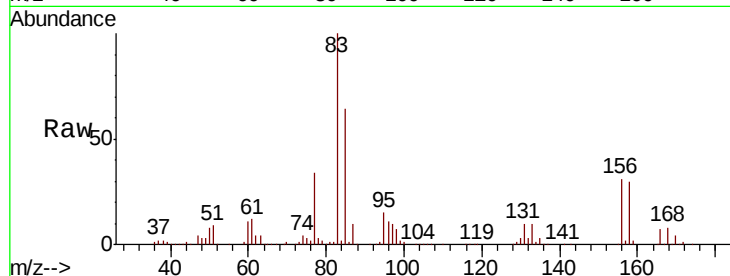
Tot Ion: 83 Resp: 117722

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

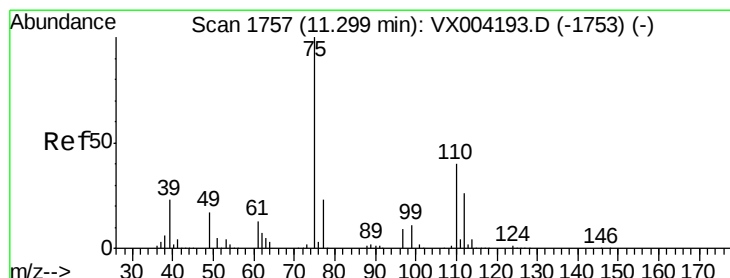
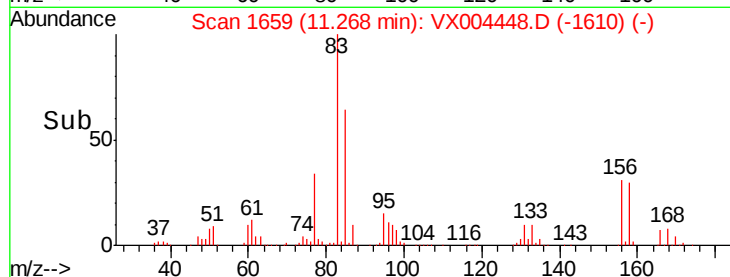
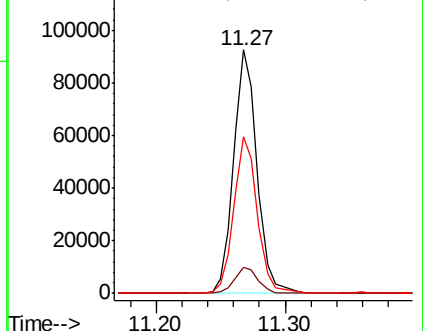
85 64.4 32.3 96.8



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: 23.83 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004448.D

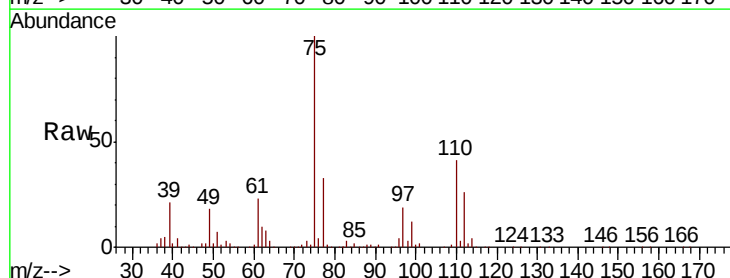
Acq: 10 Sep 2018 15:01

Tgt Ion: 75 Resp: 135222

Ion Ratio Lower Upper

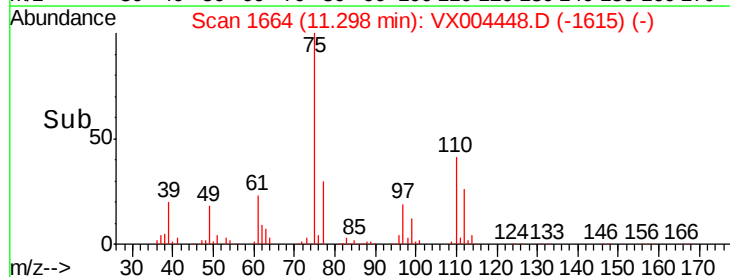
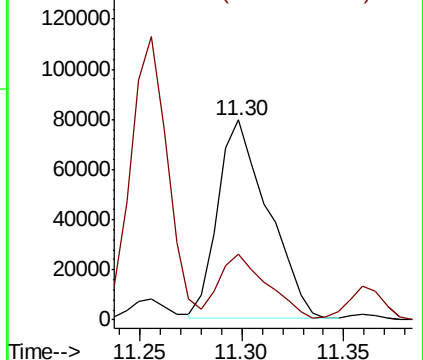
75 100

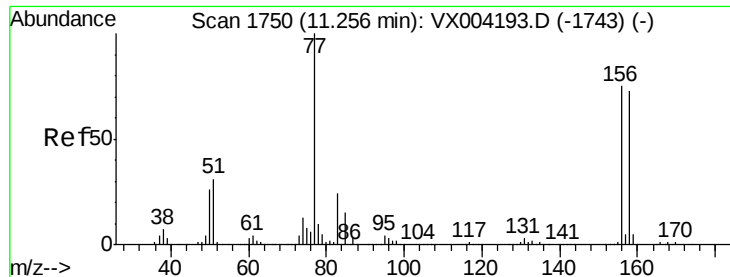
77 32.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.84 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

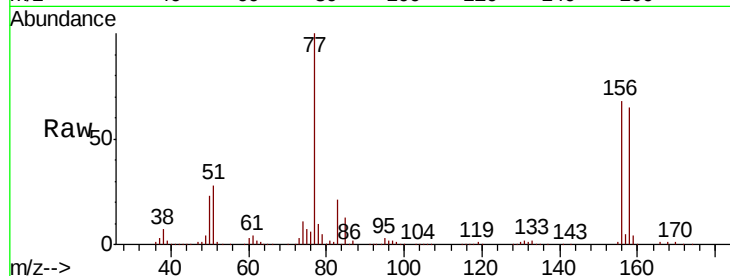
Tot Ion:156 Resp: 96843

Ion Ratio Lower Upper

156 100

77 147.8 71.5 214.3

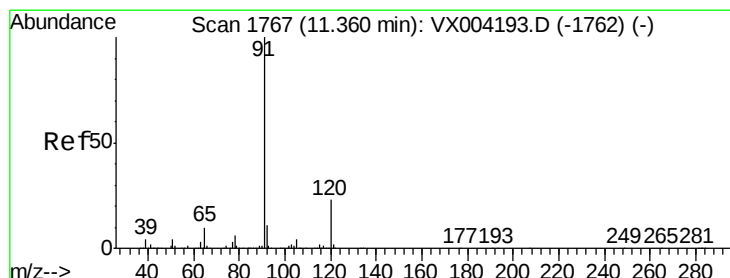
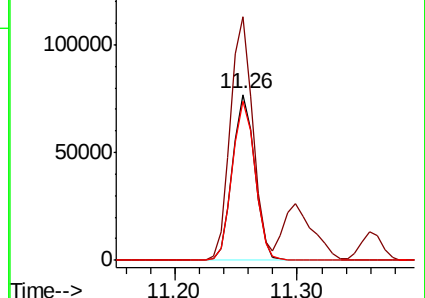
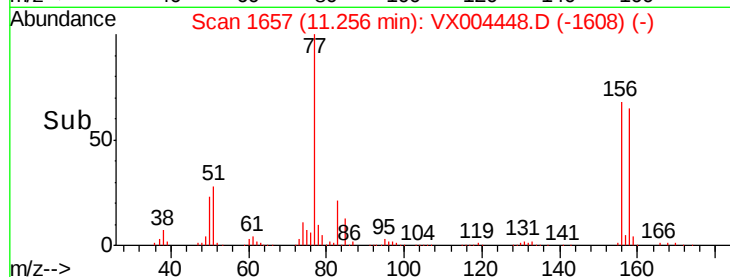
158 97.7 48.9 146.8



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: 19.58 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004448.D

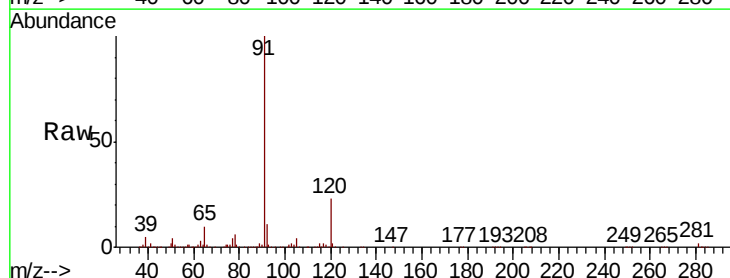
Acq: 10 Sep 2018 15:01

Tgt Ion: 91 Resp: 412685

Ion Ratio Lower Upper

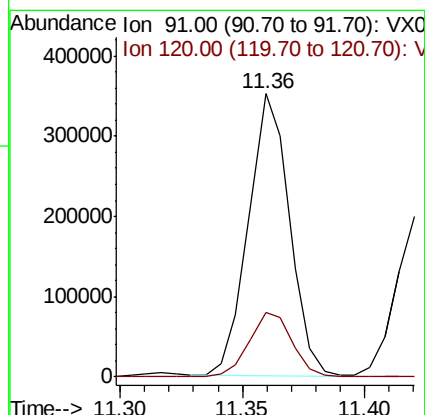
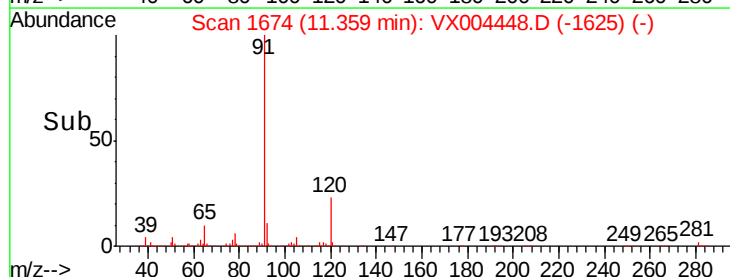
91 100

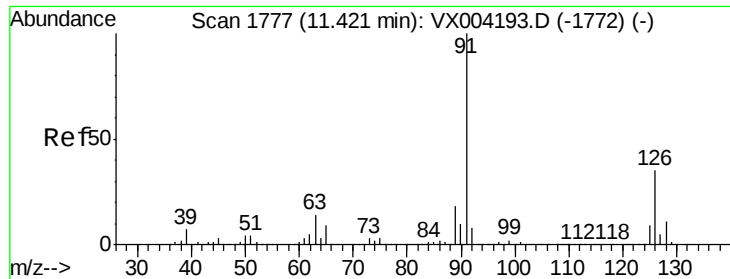
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.07 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

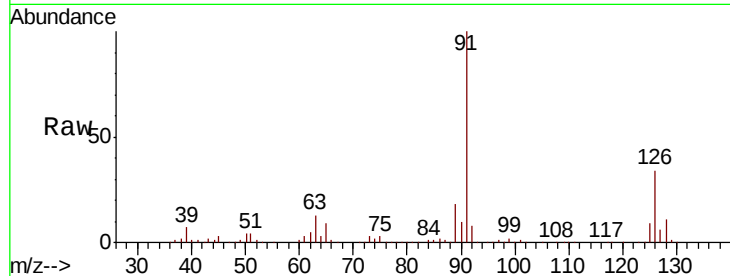
VX0910WBSD01

Tot Ion: 91 Resp: 247445

Ion Ratio Lower Upper

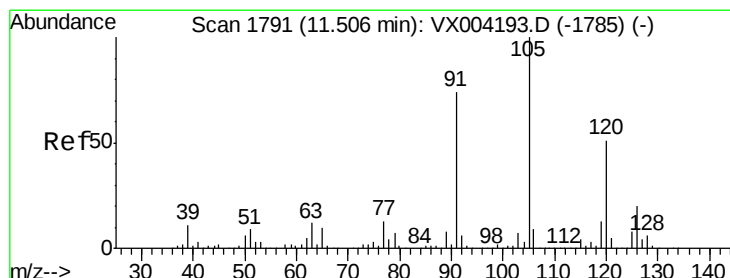
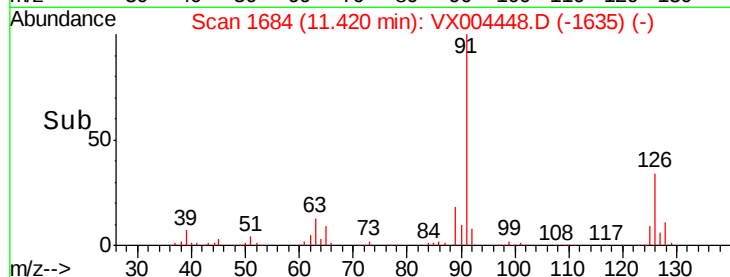
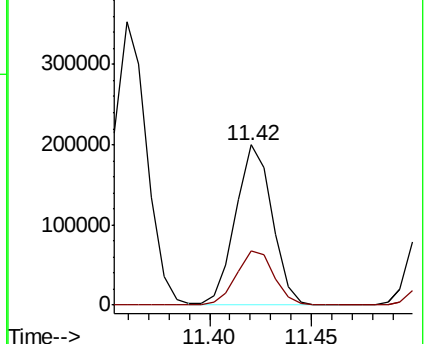
91 100

126 35.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.64 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004448.D

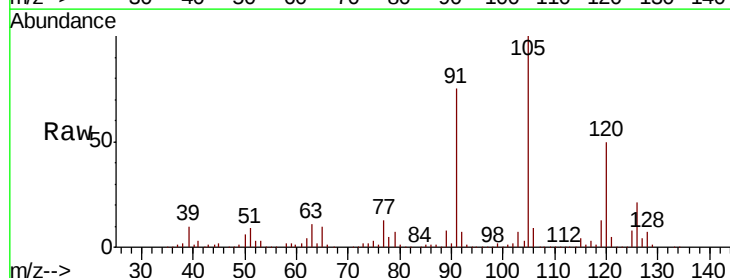
Acq: 10 Sep 2018 15:01

Tgt Ion:105 Resp: 298142

Ion Ratio Lower Upper

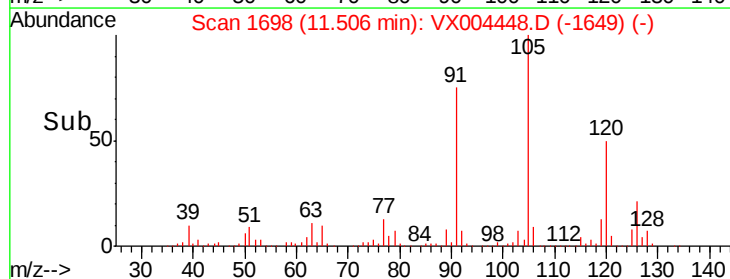
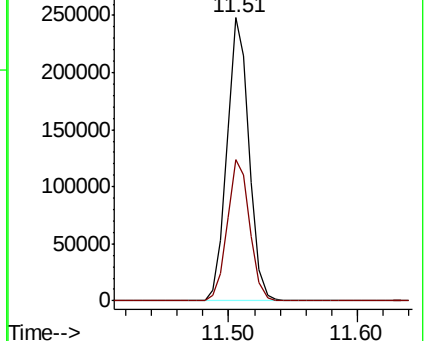
105 100

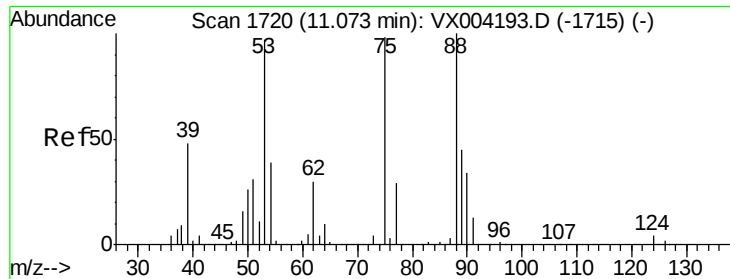
120 50.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.40 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

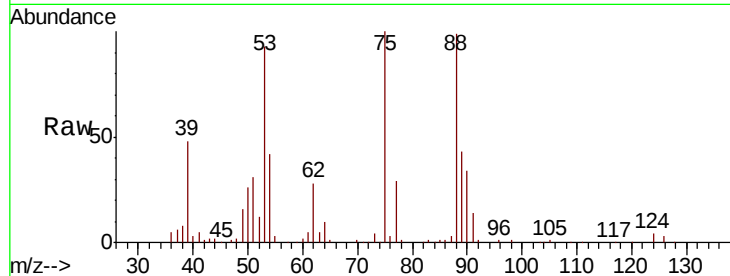
Tot Ion: 75 Resp: 32191

Ion Ratio Lower Upper

75 100

53 102.0 80.1 120.1

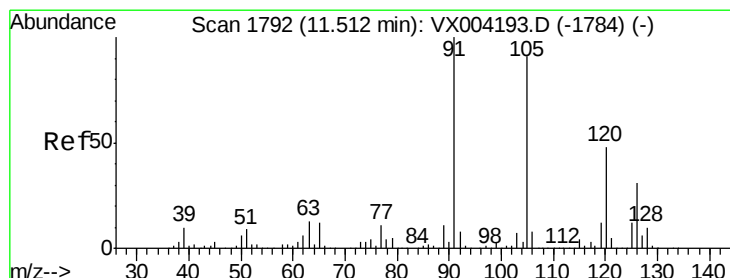
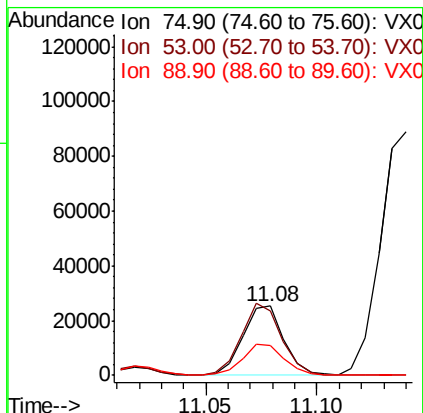
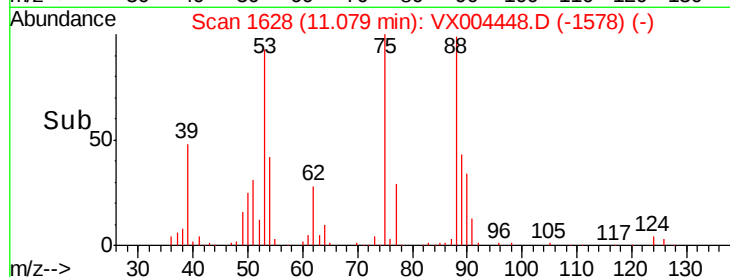
89 46.2 37.2 55.8



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: 18.89 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004448.D

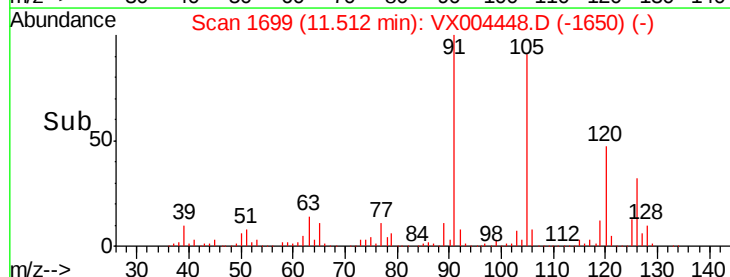
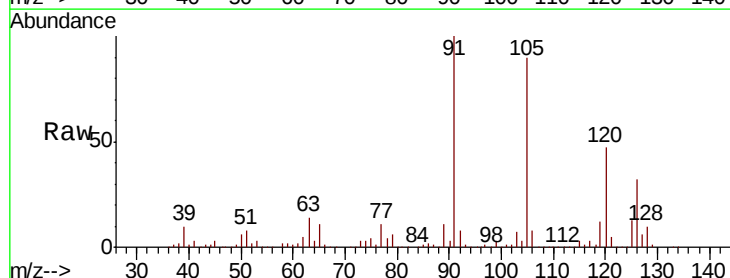
Acq: 10 Sep 2018 15:01

Tgt Ion: 91 Resp: 288450

Ion Ratio Lower Upper

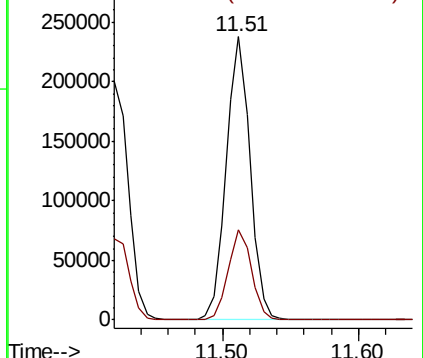
91 100

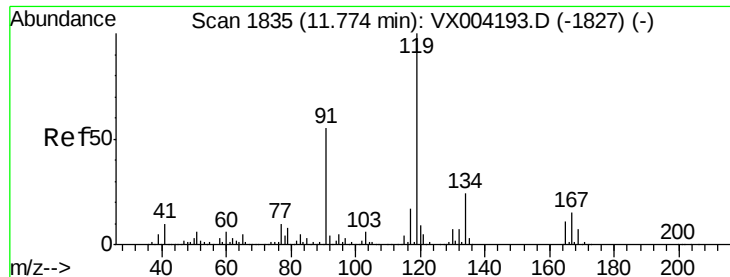
126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

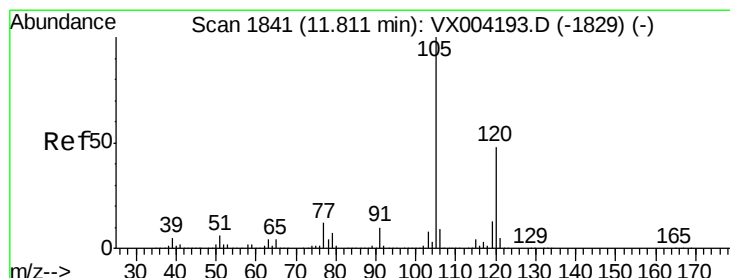
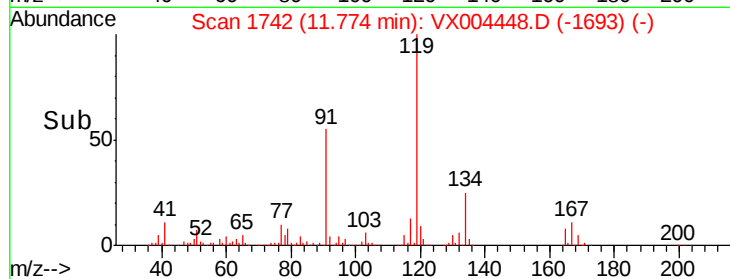
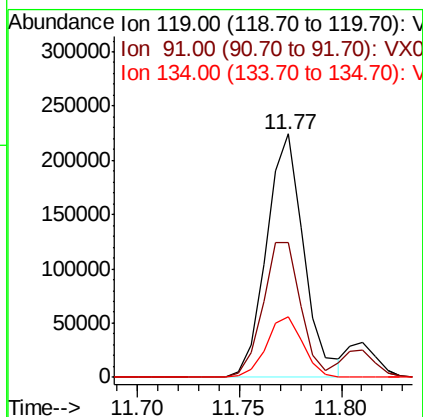
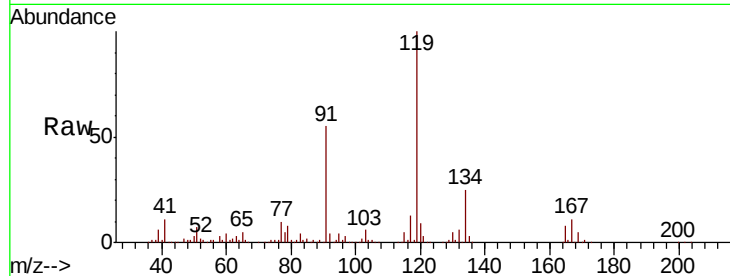




#83
 tert-Butylbenzene
 Concen: 18.78 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

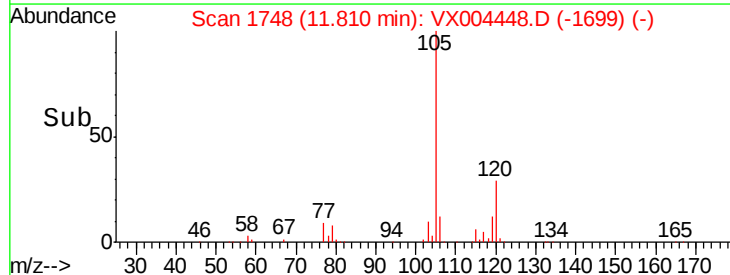
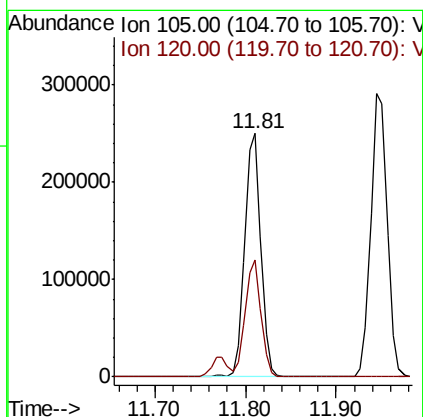
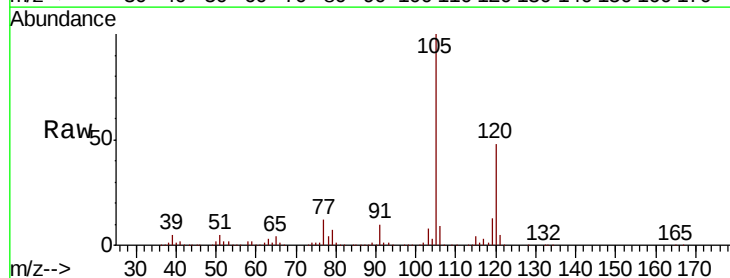
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

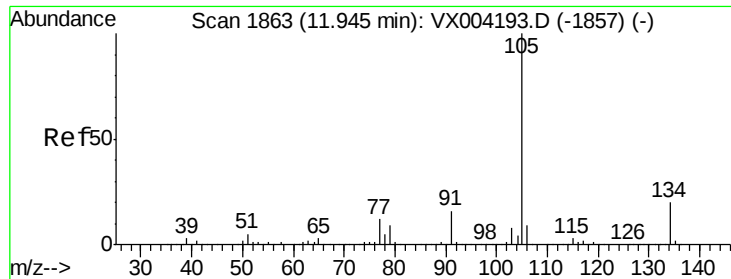
Tot Ion:119 Resp: 286713
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.0 81.0
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.88 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion:105 Resp: 309682
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6

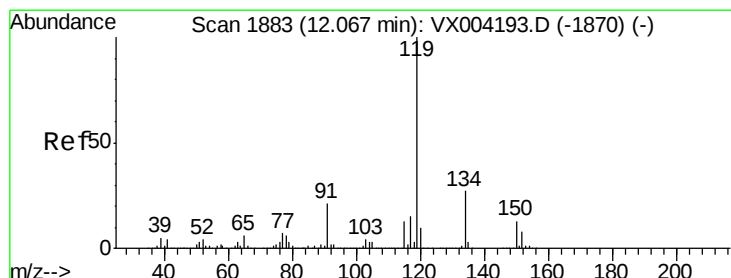
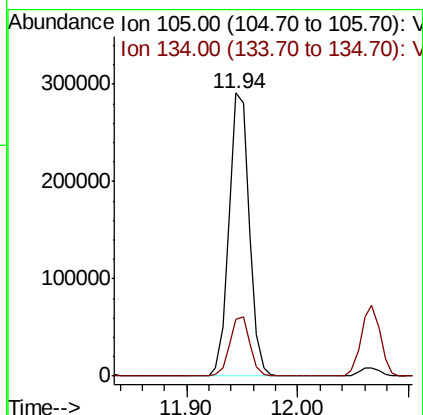
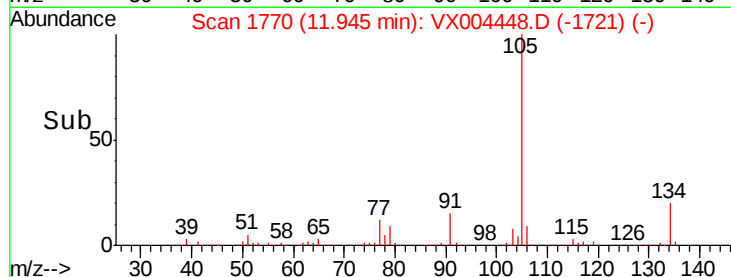
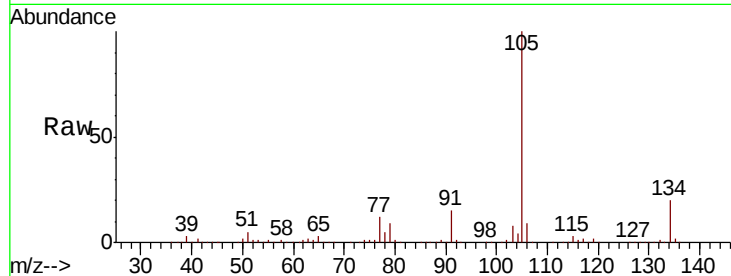




#85
 sec-Butylbenzene
 Concen: 20.17 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

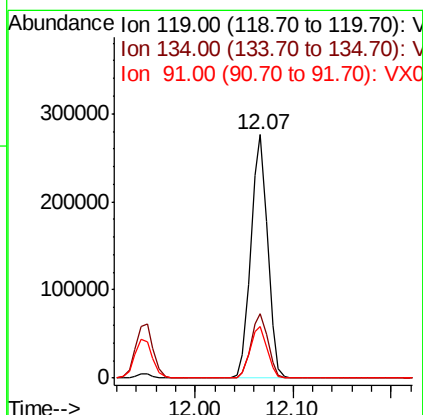
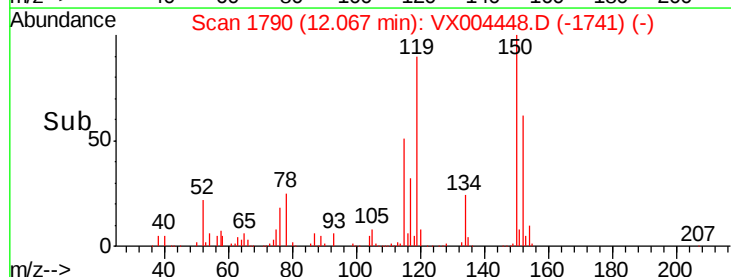
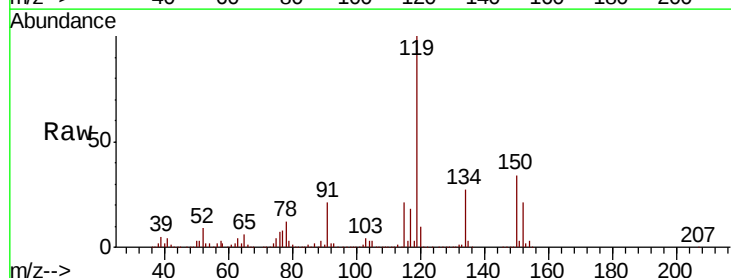
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

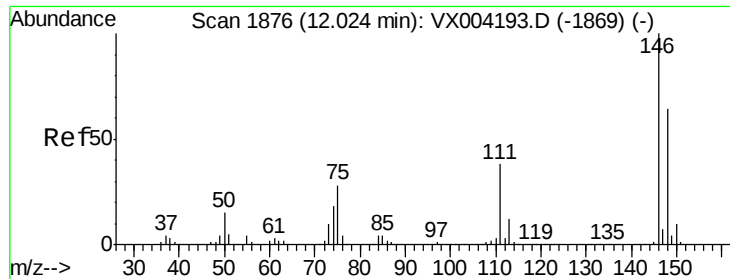
Tot Ion:105 Resp: 365746
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.18 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion:119 Resp: 327860
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 21.8 10.9 32.7

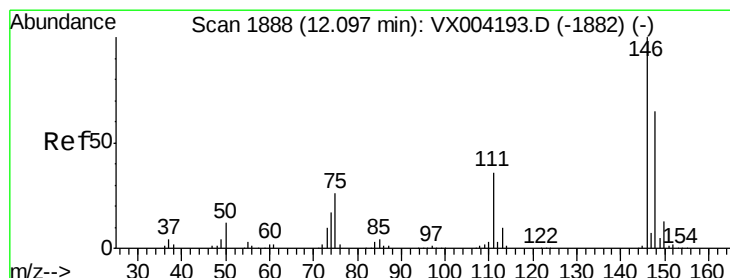
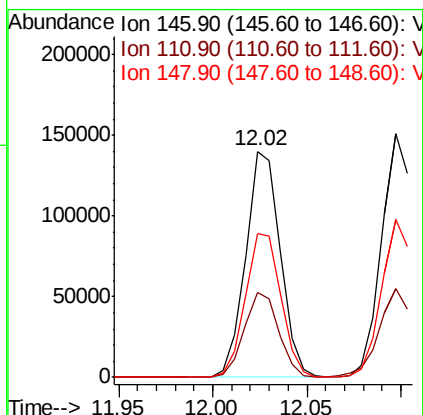
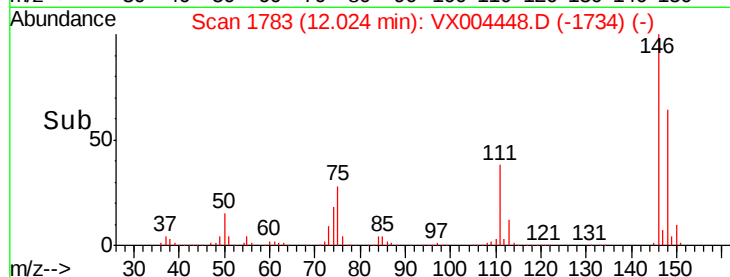
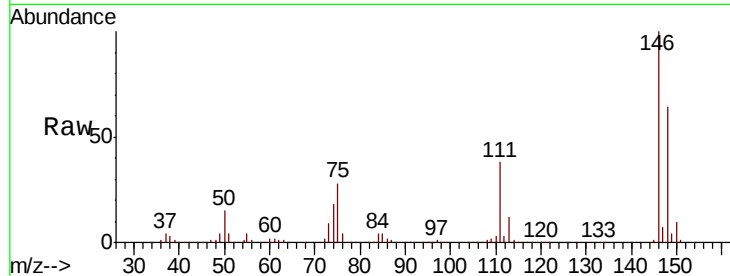




#87
 1,3-Dichlorobenzene
 Concen: 18.45 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

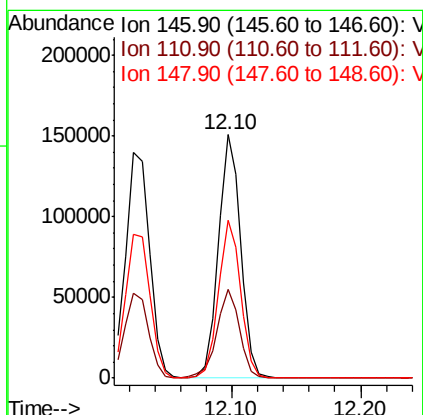
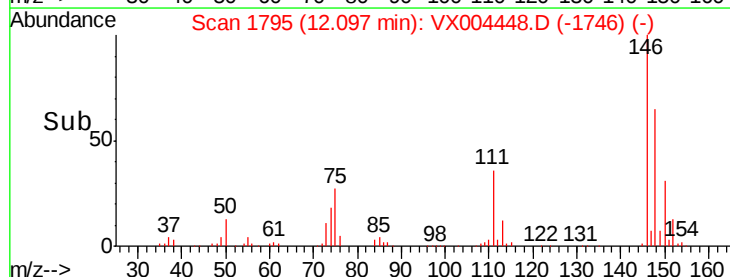
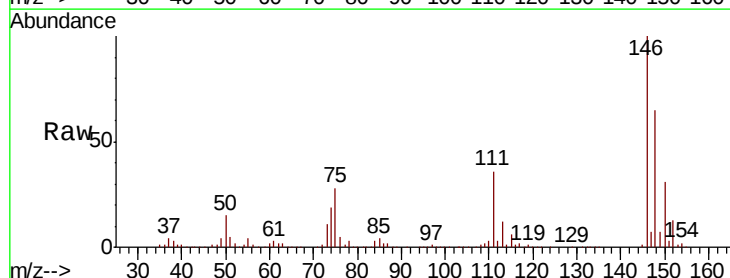
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

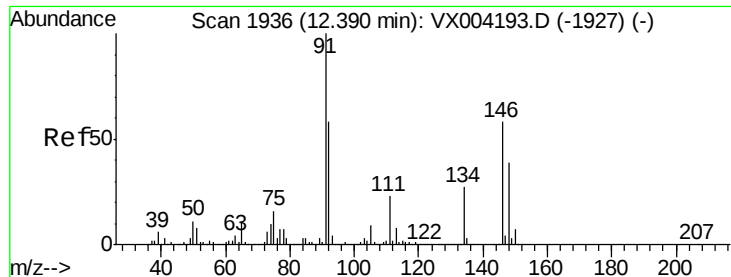
Tot Ion:146 Resp: 178598
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 65.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.00 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion:146 Resp: 183752
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.1
 148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 20.53 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

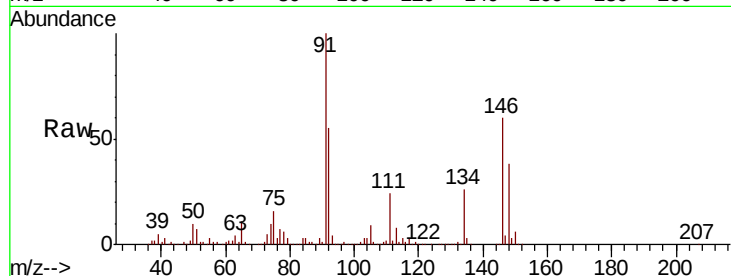
Tot Ion: 91 Resp: 271196

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.9

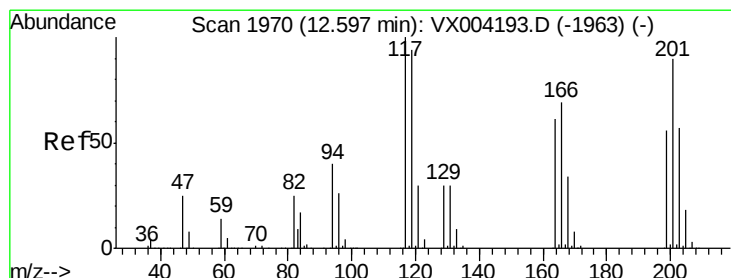
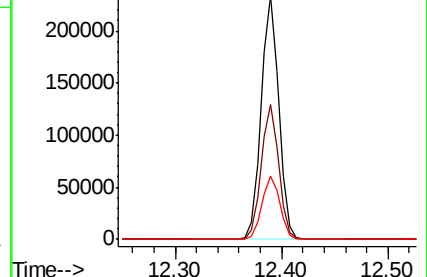
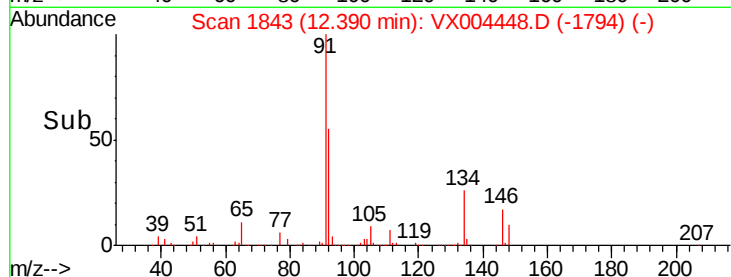
134 26.5 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.57 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004448.D

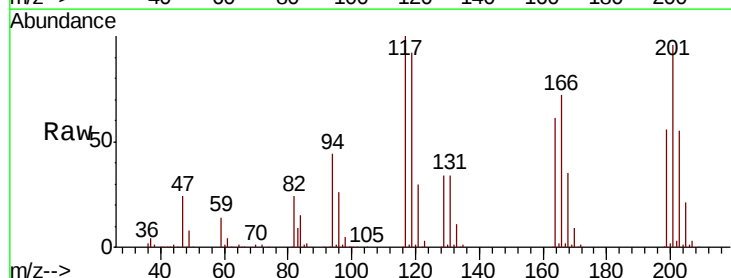
Acq: 10 Sep 2018 15:01

Tgt Ion: 117 Resp: 44434

Ion Ratio Lower Upper

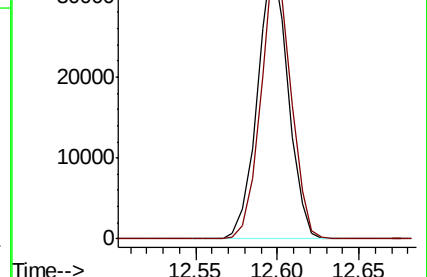
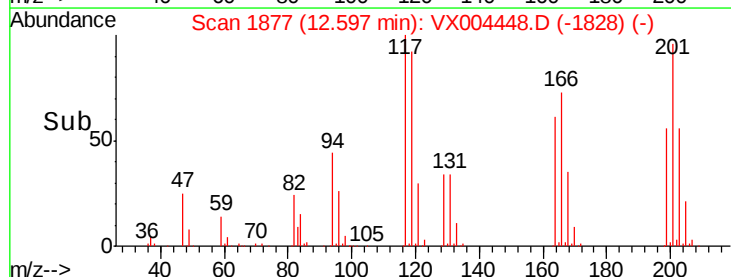
117 100

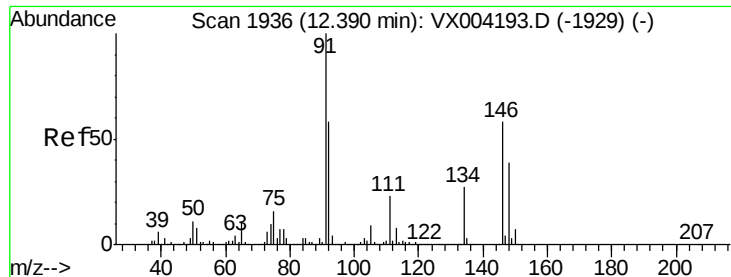
201 95.7 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.56 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

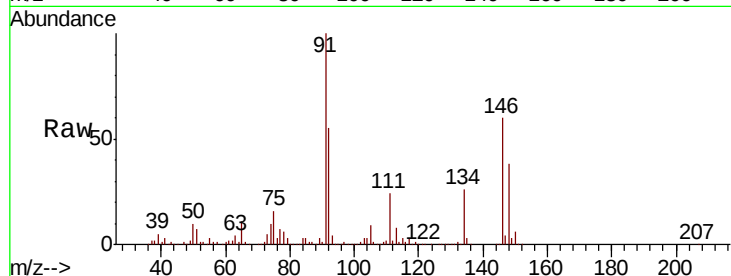
Tot Ion:146 Resp: 181867

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

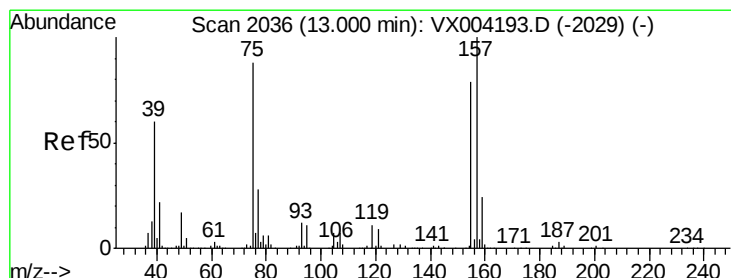
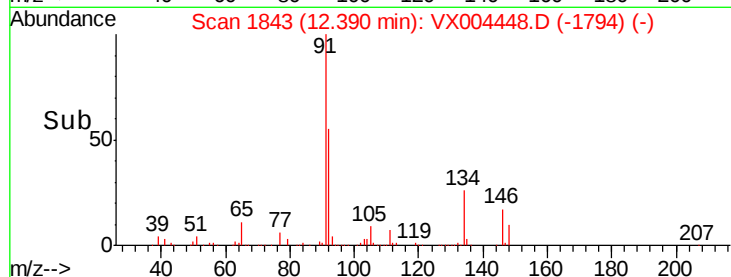
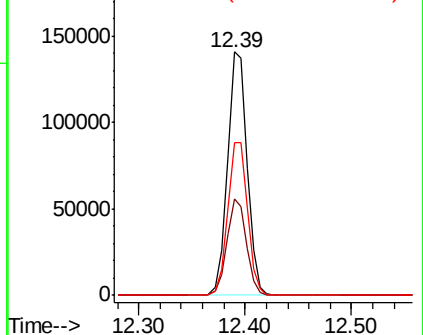
148 63.8 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.52 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

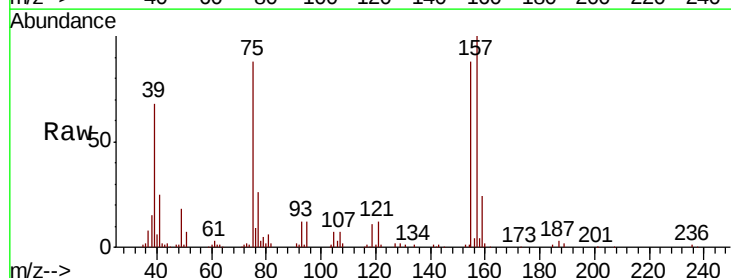
Tgt Ion: 75 Resp: 20924

Ion Ratio Lower Upper

75 100

155 98.1 48.0 144.2

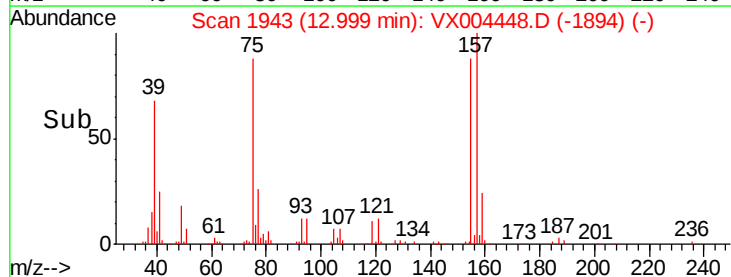
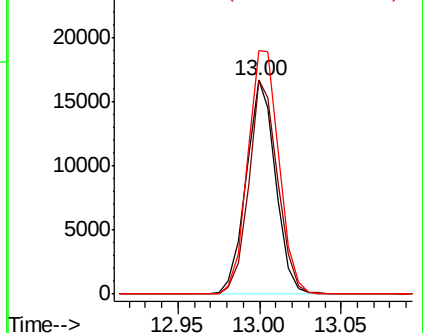
157 120.8 61.4 184.1

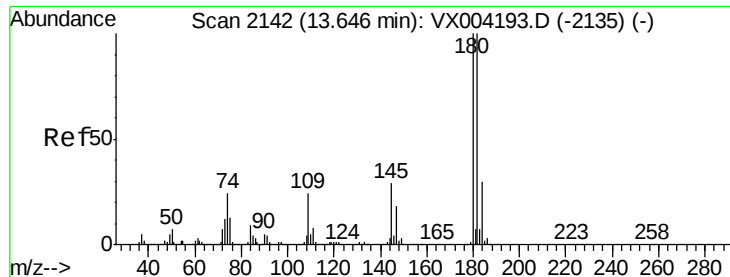


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

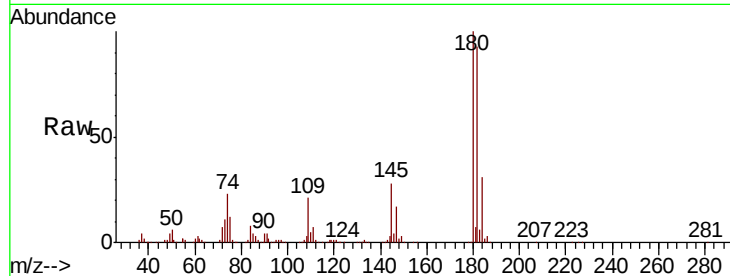




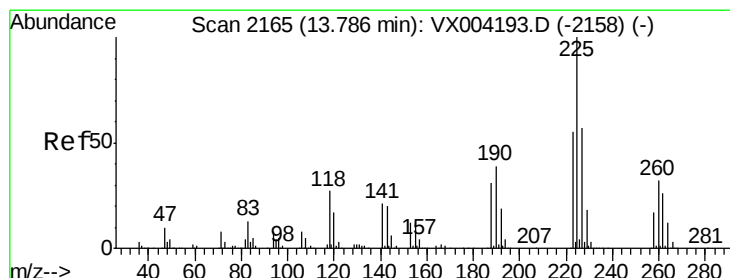
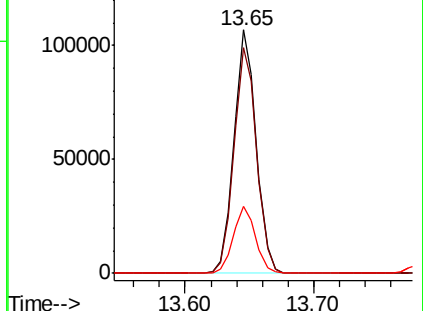
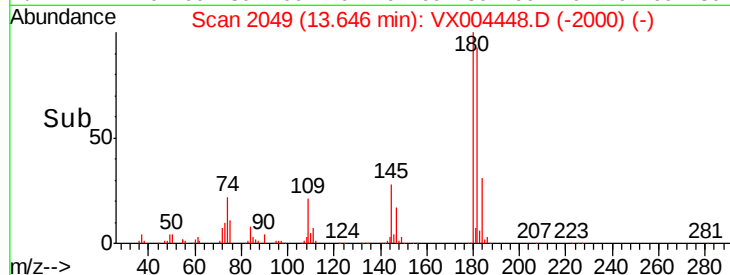
#93
 1,2,4-Trichlorobenzene
 Concen: 19.90 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.0
145	27.6	14.3	42.9

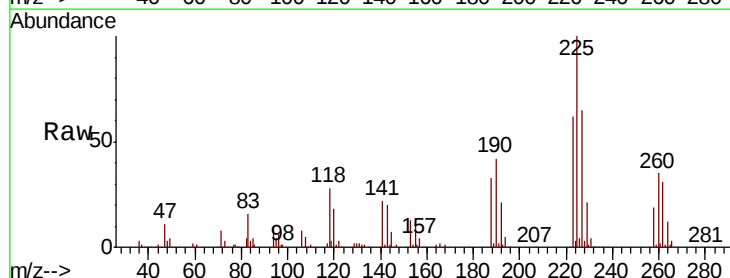


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

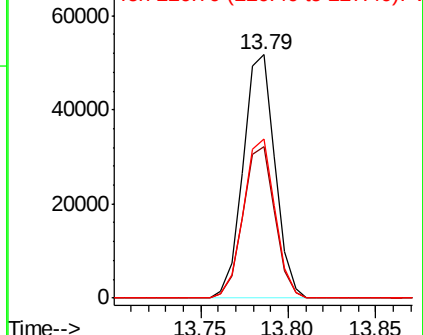
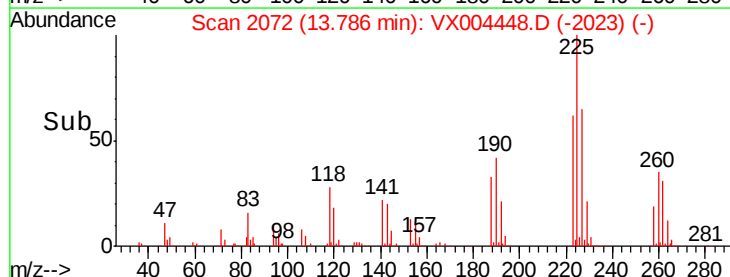


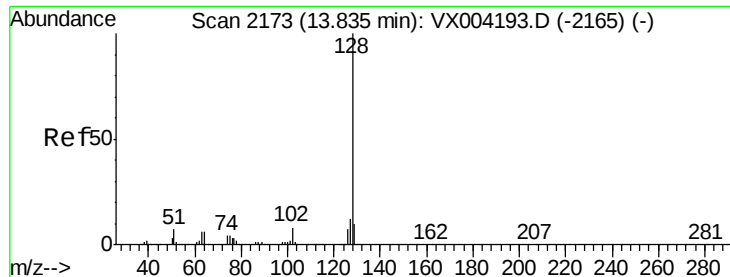
#94
 Hexachlorobutadiene
 Concen: 21.75 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004448.D
 Acq: 10 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.1	90.5
227	64.7	30.8	92.4



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





#95

Naphthalene

Concen: 20.06 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBSD01

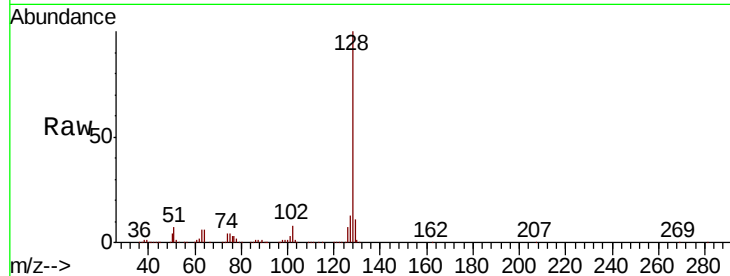
Tot Ion:128 Resp: 365172

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

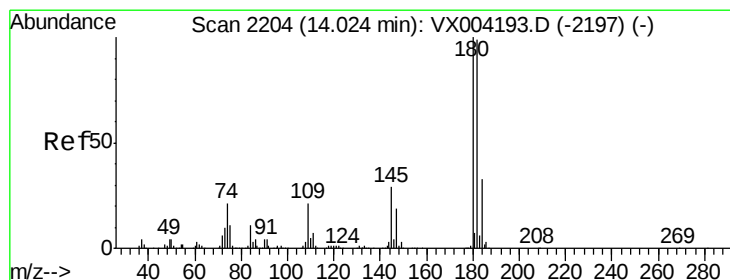
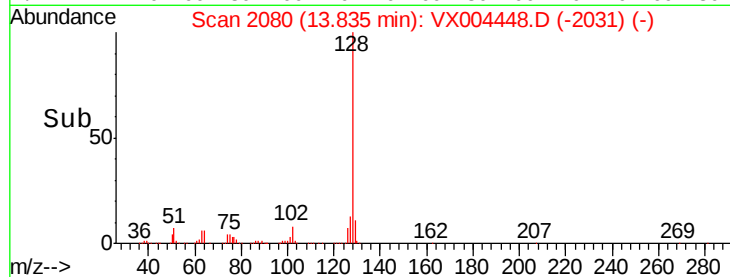
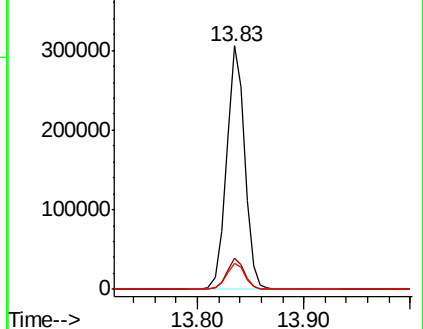
129 10.9 8.6 12.8



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: 19.66 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004448.D

Acq: 10 Sep 2018 15:01

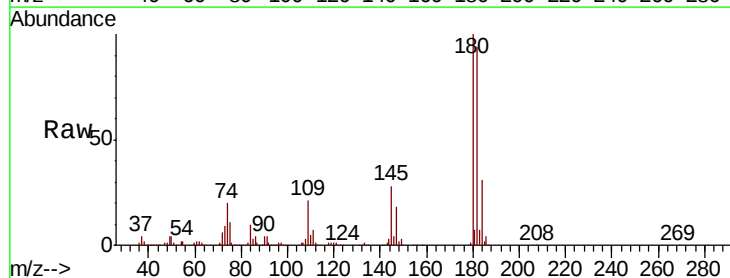
Tgt Ion:180 Resp: 133935

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.6

145 29.4 14.9 44.9



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

