

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004366.D
 Acq On : 05 Sep 2018 12:42
 Operator : JC/MD
 Sample : VX0905WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBS01

Quant Time: Sep 05 14:07:25 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	5.66	168	307925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254657	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	190326	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
35) Dibromofluoromethane	5.50	113	166042	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	621214	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.14	95	232193	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	65279	18.30	ug/l	96
3) Chloromethane	1.32	50	73921	18.93	ug/l	100
4) Vinyl Chloride	1.40	62	77086	19.11	ug/l	100
5) Bromomethane	1.64	94	37522	17.55	ug/l	99
6) Chloroethane	1.72	64	65346	21.94	ug/l	99
7) Trichlorofluoromethane	1.92	101	106203	19.21	ug/l	95
8) Diethyl Ether	2.18	74	48752	20.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67531	19.50	ug/l	98
10) Methyl Iodide	2.51	142	67087	19.97	ug/l	97
11) Tert butyl alcohol	3.07	59	90343	105.60	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61831	18.95	ug/l	98
13) Acrolein	2.29	56	20983	101.73	ug/l	99
14) Allyl chloride	2.73	41	122512	20.44	ug/l	97
15) Acrylonitrile	3.15	53	217697	102.75	ug/l	100
16) Acetone	2.45	43	181783	106.32	ug/l	97
17) Carbon Disulfide	2.57	76	149736	17.06	ug/l	100
18) Methyl Acetate	2.78	43	156661	26.30	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	224137	20.85	ug/l	97
20) Methylene Chloride	2.86	84	75224	19.47	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	68122	18.87	ug/l	97
22) Diisopropyl ether	3.87	45	231562	20.69	ug/l	98
23) Vinyl Acetate	3.82	43	863627	95.22	ug/l	99
24) 1,1-Dichloroethane	3.69	63	130509	20.01	ug/l	99
25) 2-Butanone	4.71	43	282670	103.44	ug/l	99
26) 2,2-Dichloropropane	4.58	77	99952	19.54	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	79999	19.53	ug/l	100
28) Bromochloromethane	5.01	49	58155	20.14	ug/l	98
29) Tetrahydrofuran	5.16	42	178644	103.60	ug/l	99
30) Chloroform	5.21	83	131558	20.12	ug/l	98
31) Cyclohexane	5.57	56	106788	18.98	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	108314	19.87	ug/l	98
36) 1,1-Dichloropropene	5.79	75	95904	19.08	ug/l	99
37) Ethyl Acetate	4.86	43	99008	20.03	ug/l	99
38) Carbon Tetrachloride	5.78	117	91626	19.38	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107714	18.77	ug/l	98
40) Benzene	6.14	78	298951	19.90	ug/l	99
41) Methacrylonitrile	5.06	41	59712	20.84	ug/l	99
42) 1,2-Dichloroethane	6.20	62	101407	19.79	ug/l	100
43) Isopropyl Acetate	6.46	43	155527	20.47	ug/l	100
44) Trichloroethene	7.21	130	80635	19.39	ug/l	96
45) 1,2-Dichloropropane	7.52	63	76999	20.48	ug/l	100
46) Dibromomethane	7.67	93	48883	19.53	ug/l	99
47) Bromodichloromethane	7.90	83	92444	19.85	ug/l	100
48) Methyl methacrylate	7.77	41	83131	20.45	ug/l	99
49) 1,4-Dioxane	7.76	88	38704	419.37	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	549364	99.53	ug/l	100
52) Toluene	8.79	92	189984	20.21	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	101427	19.72	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	114975	20.52	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	77771	20.49	ug/l	97
56) Ethyl methacrylate	9.18	69	105997	20.51	ug/l	98
57) 1,3-Dichloropropane	9.37	76	131631	20.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	265090	100.13	ug/l	99
59) 2-Hexanone	9.50	43	414131	98.35	ug/l	99
60) Dibromochloromethane	9.59	129	73126	19.77	ug/l	99
61) 1,2-Dibromoethane	9.67	107	79040	20.12	ug/l	98
64) Tetrachloroethene	9.34	164	84018	20.68	ug/l	99
65) Chlorobenzene	10.14	112	211625	20.50	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	71249	20.01	ug/l	98
67) Ethyl Benzene	10.25	91	331853	19.80	ug/l	100
68) m/p-Xylenes	10.36	106	263280	40.16	ug/l	96
69) o-Xylene	10.70	106	131615	21.23	ug/l	100
70) Styrene	10.71	104	214502	21.37	ug/l	99
71) Bromoform	10.86	173	54724	19.07	ug/l	99
73) Isopropylbenzene	11.02	105	357258	21.36	ug/l	100
74) N-amyl acetate	10.90	43	129366	20.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	117056	20.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	131002	25.29	ug/l	87
77) Bromobenzene	11.26	156	96825	20.64	ug/l	98
78) n-propylbenzene	11.36	91	411708	21.40	ug/l	99
79) 2-Chlorotoluene	11.42	91	246493	20.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	297781	21.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30884	19.35	ug/l	97
82) 4-Chlorotoluene	11.51	91	281321	20.19	ug/l	99
83) tert-Butylbenzene	11.77	119	296101	21.25	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	304726	21.43	ug/l	99
85) sec-Butylbenzene	11.94	105	365420	22.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	326682	22.03	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178378	20.19	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183053	19.65	ug/l	99
89) n-Butylbenzene	12.39	91	251319	20.84	ug/l	98
90) Hexachloroethane	12.60	117	43758	21.11	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	163874	20.30	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20922	20.29	ug/l	99

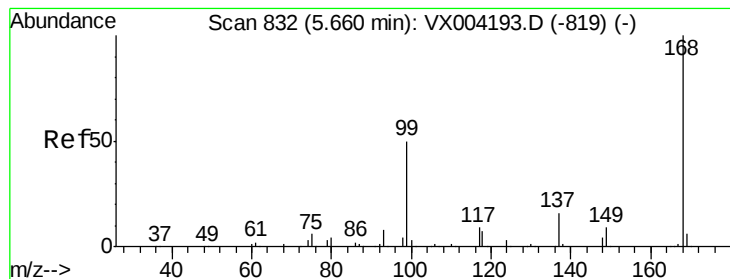
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
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Acq On : 05 Sep 2018 12:42
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MSVOA_X
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126095	21.47	ug/l	98
94) Hexachlorobutadiene	13.78	225	64126	23.39	ug/l	96
95) Naphthalene	13.83	128	370577	22.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	132648	21.33	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

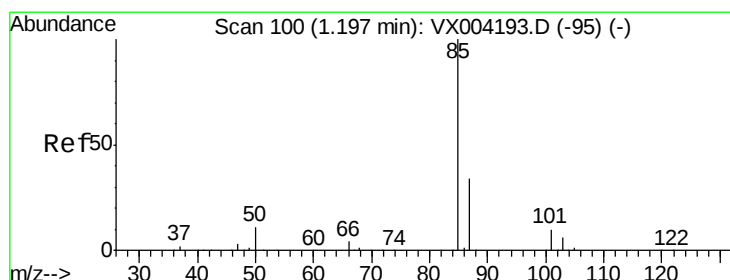
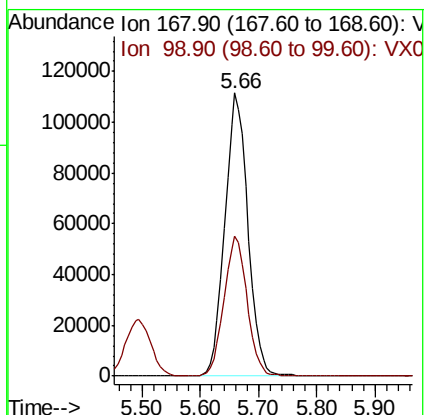
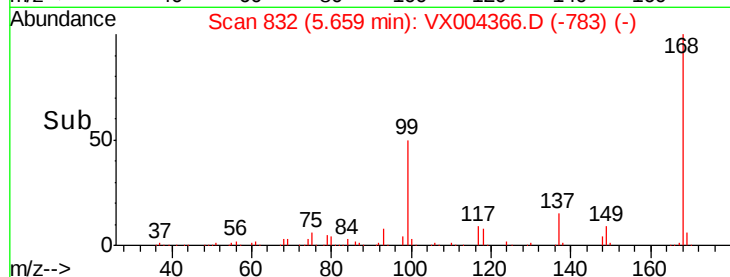
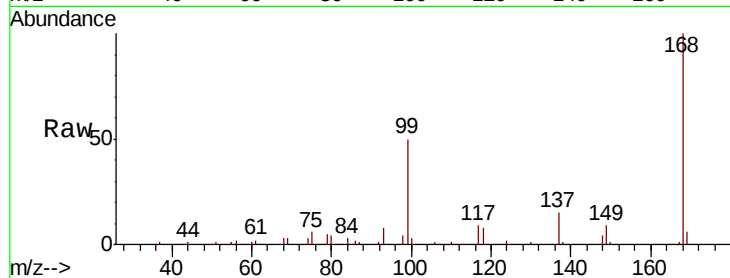
VX0905WBS01

Tot Ion:168 Resp: 307925

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9



#2

Dichlorodifluoromethane

Concen: 18.30 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004366.D

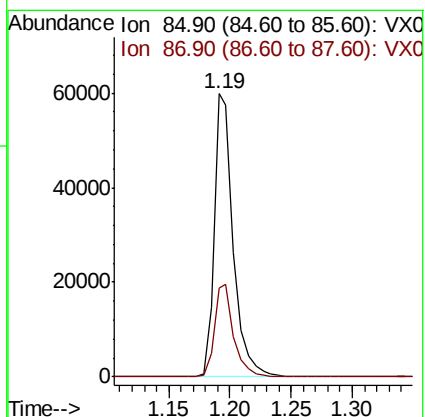
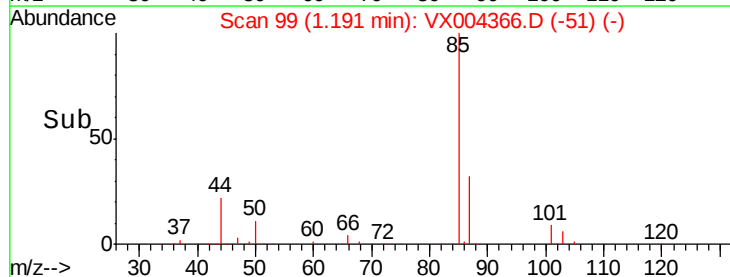
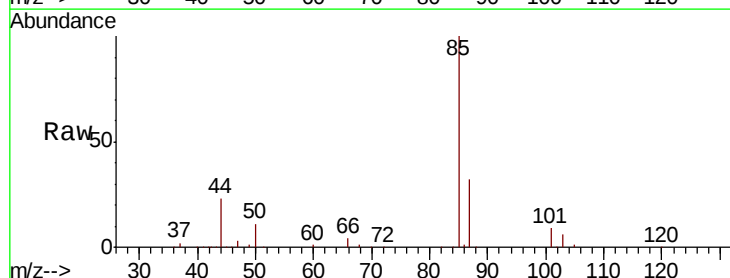
Acq: 05 Sep 2018 12:42

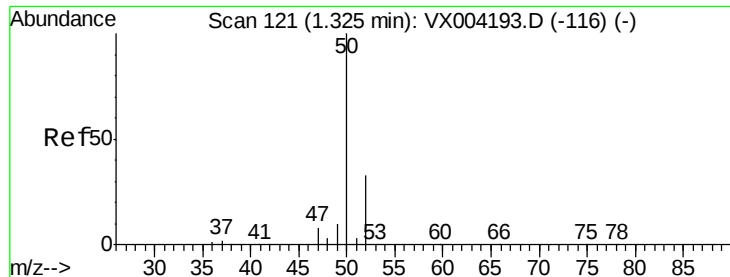
Tgt Ion: 85 Resp: 65279

Ion Ratio Lower Upper

85 100

87 31.6 17.0 50.9





#3

Chloromethane

Concen: 18.93 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

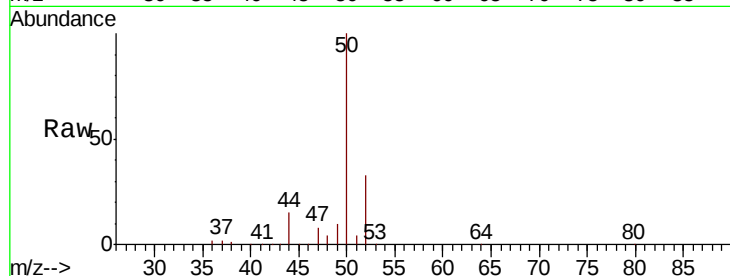
VX0905WBS01

Tot Ion: 50 Resp: 73921

Ion Ratio Lower Upper

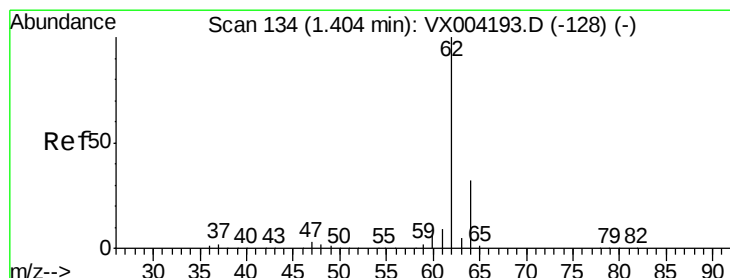
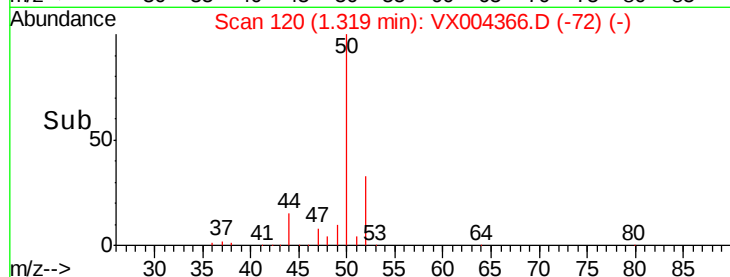
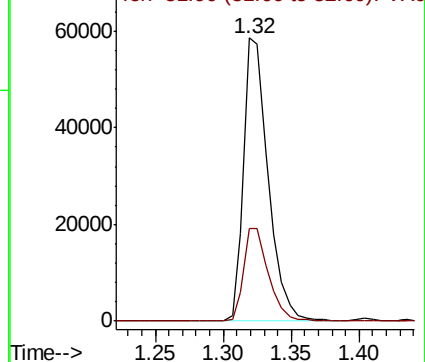
50 100

52 32.6 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: 19.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004366.D

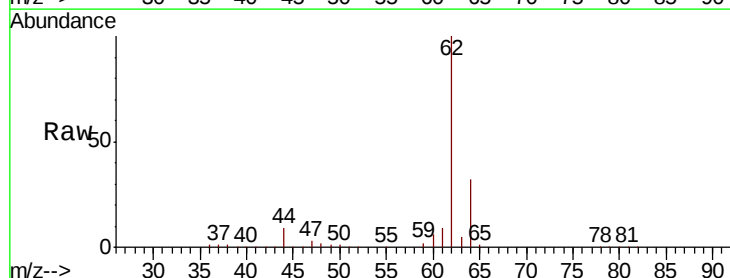
Acq: 05 Sep 2018 12:42

Tgt Ion: 62 Resp: 77086

Ion Ratio Lower Upper

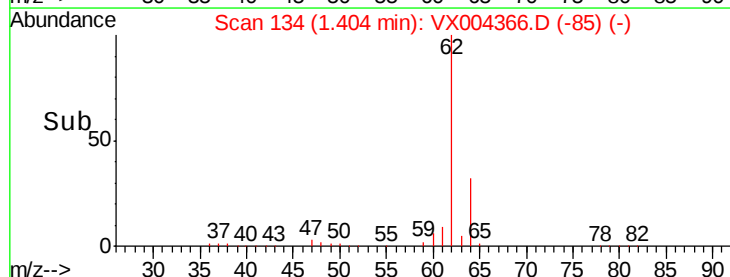
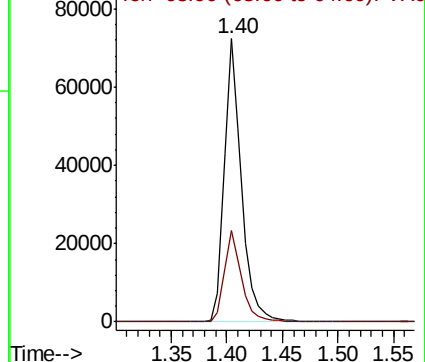
62 100

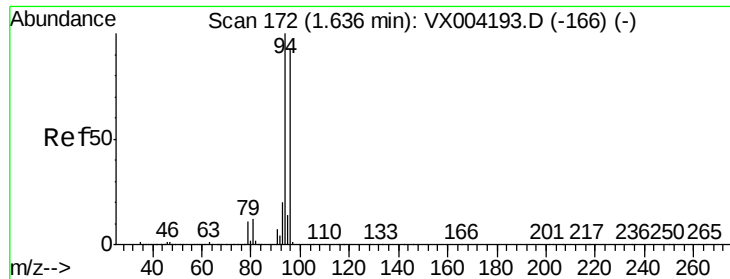
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.55 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

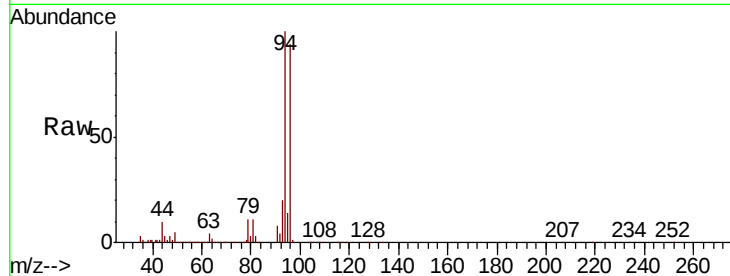
VX0905WBS01

Tot Ion: 94 Resp: 37522

Ion Ratio Lower Upper

94 100

96 93.9 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

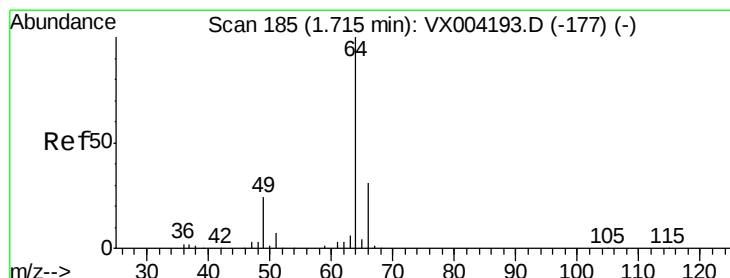
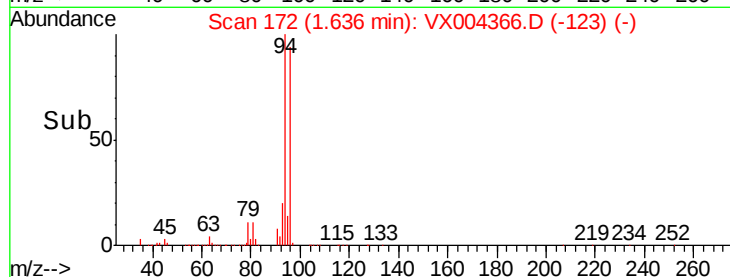
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 21.94 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004366.D

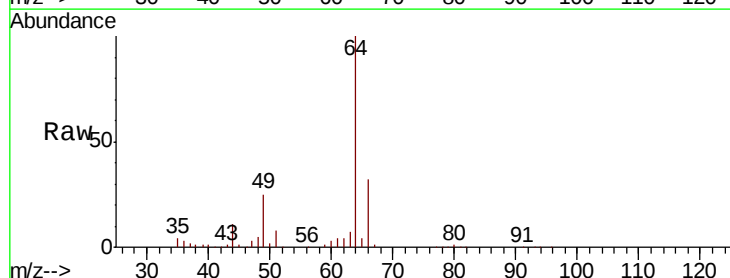
Acq: 05 Sep 2018 12:42

Tgt Ion: 64 Resp: 65346

Ion Ratio Lower Upper

64 100

66 31.4 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

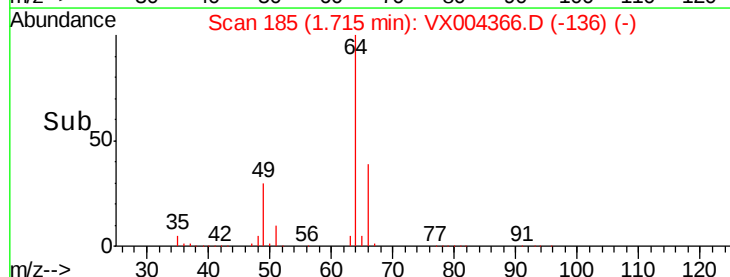
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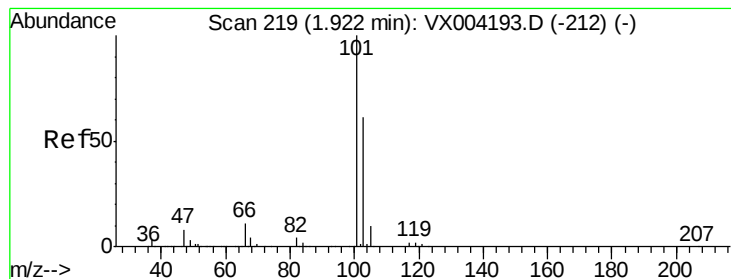
10000

0

Time-->

1.40 1.60 1.80



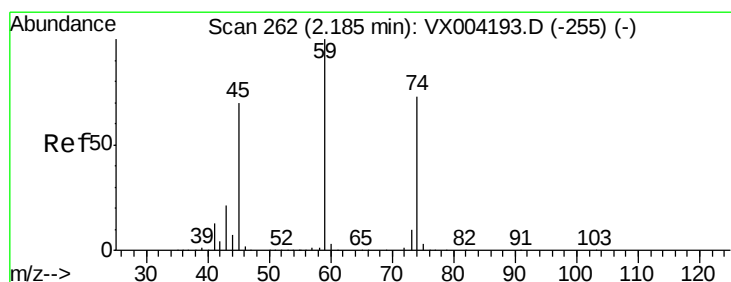
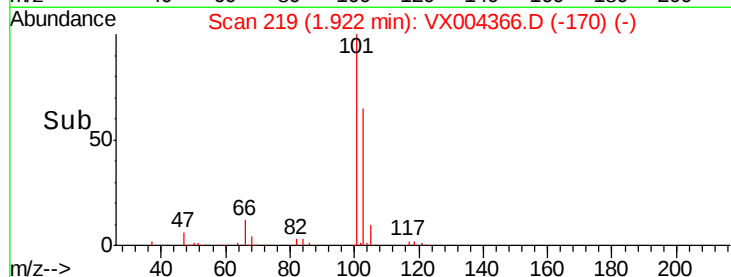
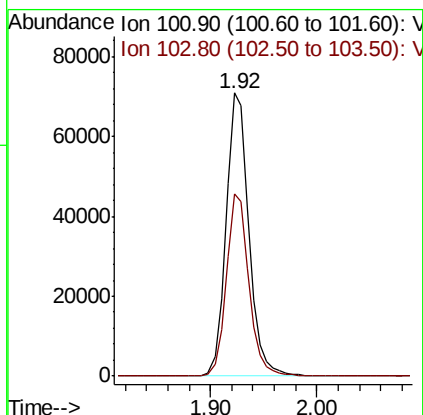
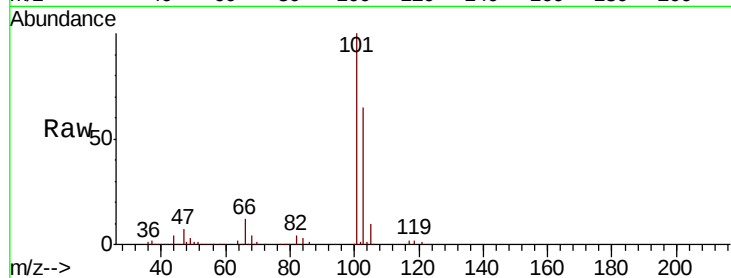


#7

Trichlorofluoromethane
 Concen: 19.21 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBS01

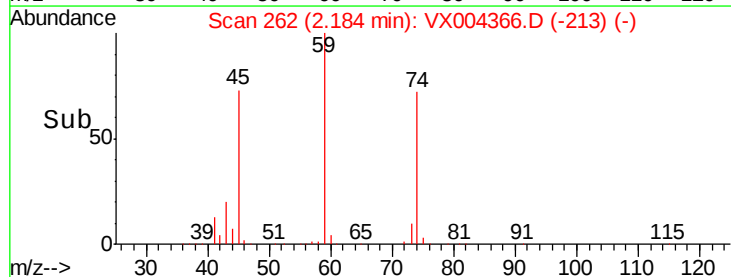
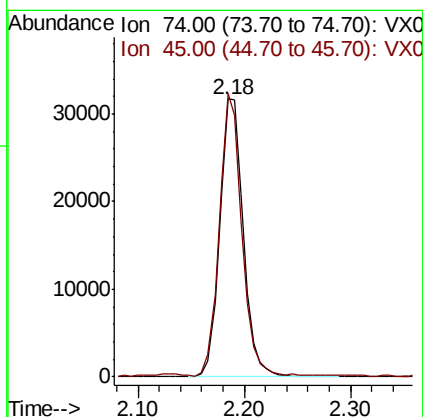
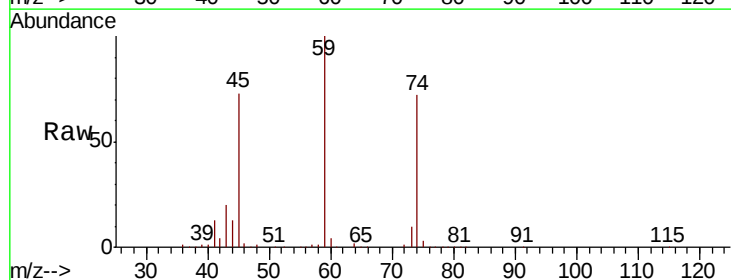
Tot Ion:101 Resp: 106203
 Ion Ratio Lower Upper
 101 100
 103 64.6 48.9 73.3

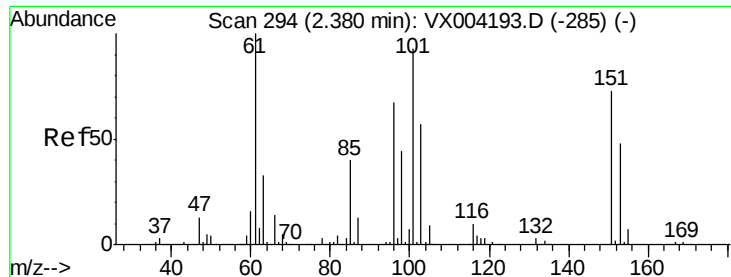


#8

Diethyl Ether
 Concen: 20.59 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion: 74 Resp: 48752
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.50 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

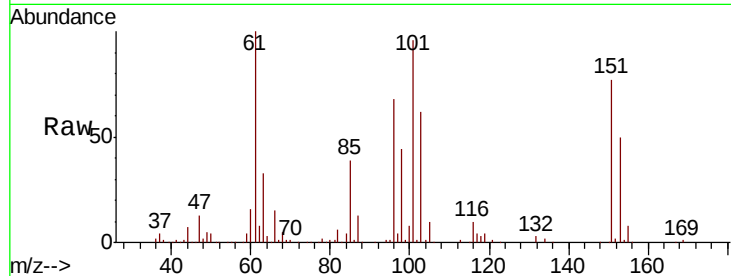
Tot Ion:101 Resp: 67531

Ion Ratio Lower Upper

101 100

85 41.3 34.2 51.4

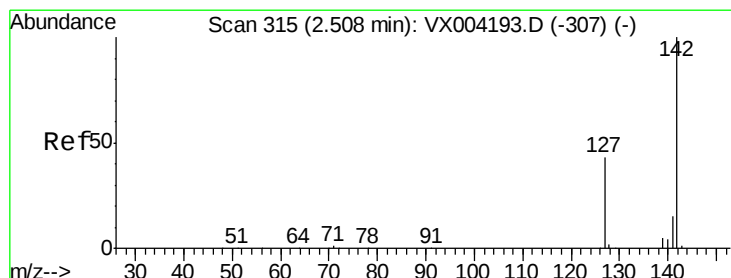
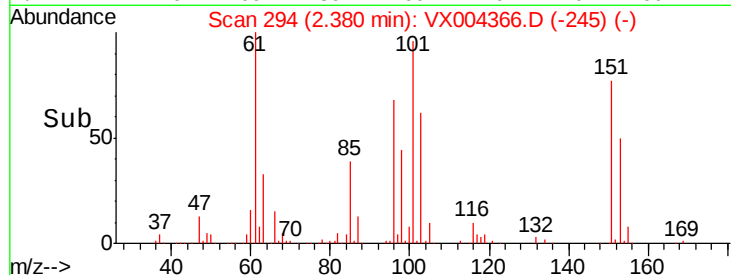
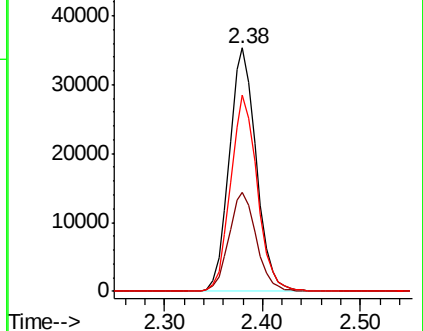
151 79.8 65.0 97.6



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: 19.97 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

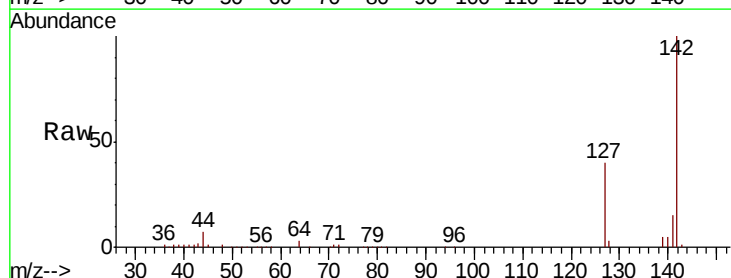
Tgt Ion:142 Resp: 67087

Ion Ratio Lower Upper

142 100

127 39.9 33.8 50.6

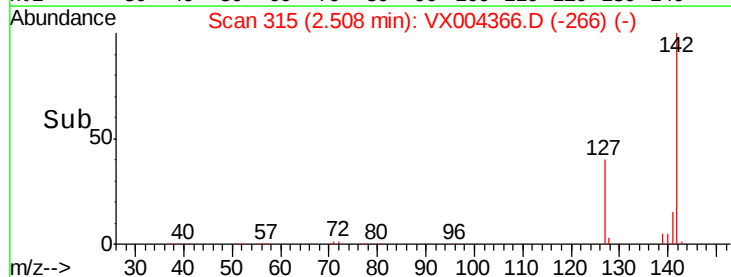
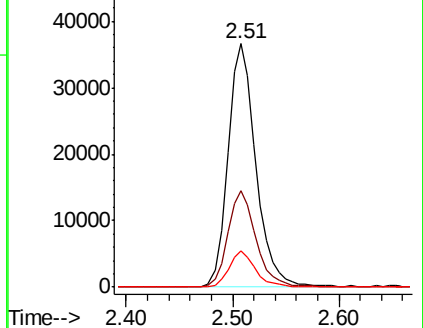
141 14.1 11.4 17.0

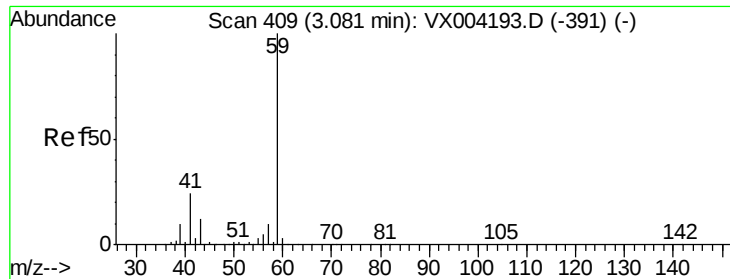


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

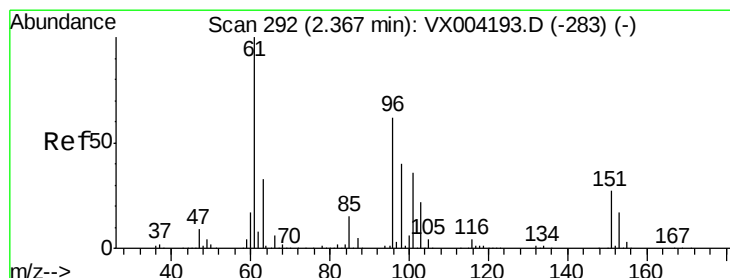
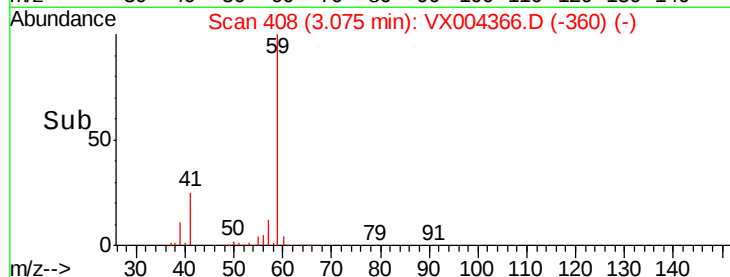
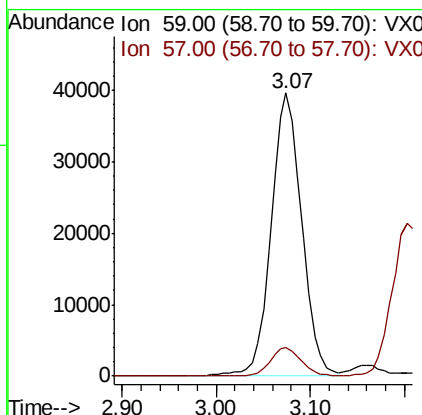
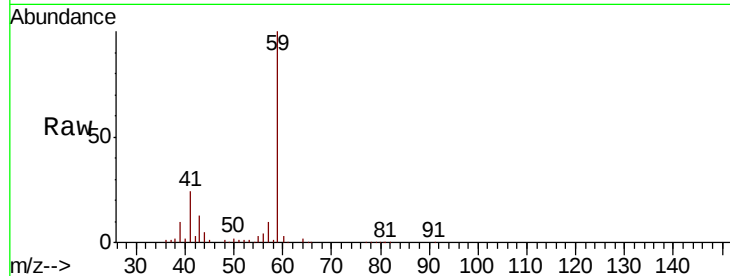




#11
Tert butyl alcohol
Concen: 105.60 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

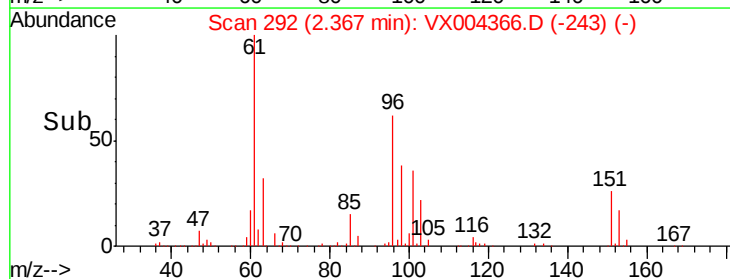
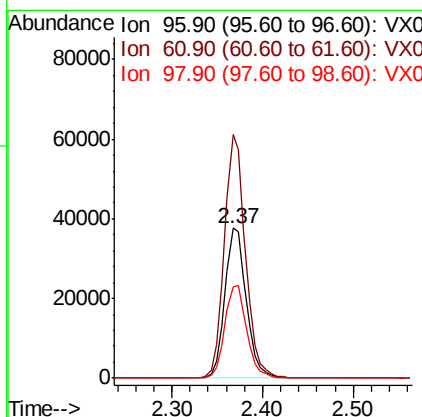
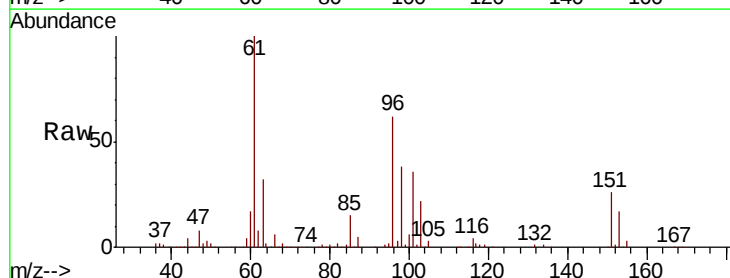
Instrument :
MSVOA_X
ClientSampled :
VX0905WBS01

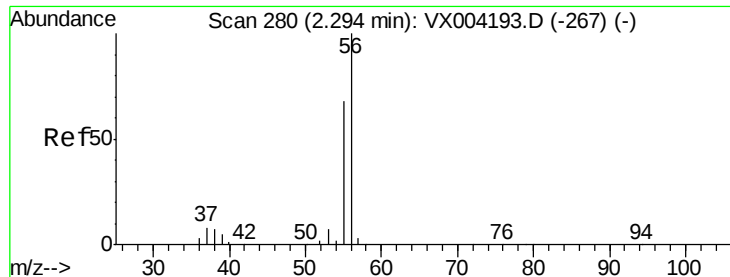
Tot Ion: 59 Resp: 90343
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.95 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion: 96 Resp: 61831
Ion Ratio Lower Upper
96 100
61 162.3 128.8 193.2
98 61.1 52.2 78.2





#13

Acrolein

Concen: 101.73 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

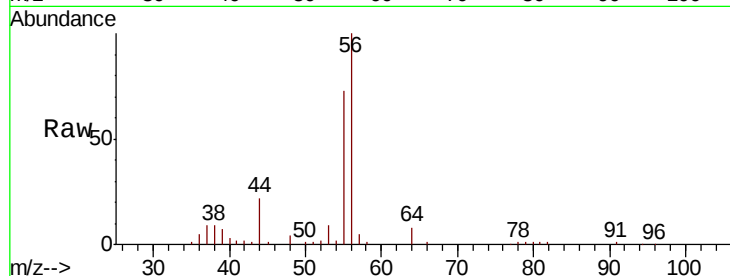
VX0905WBS01

Tot Ion: 56 Resp: 20983

Ion Ratio Lower Upper

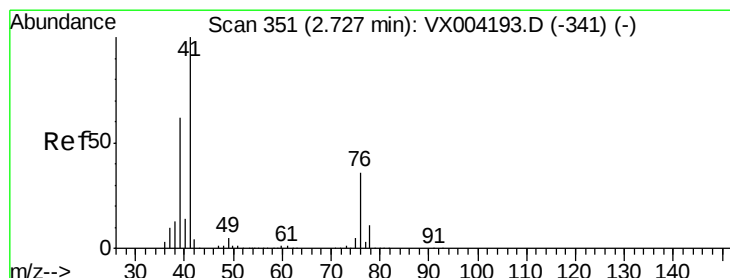
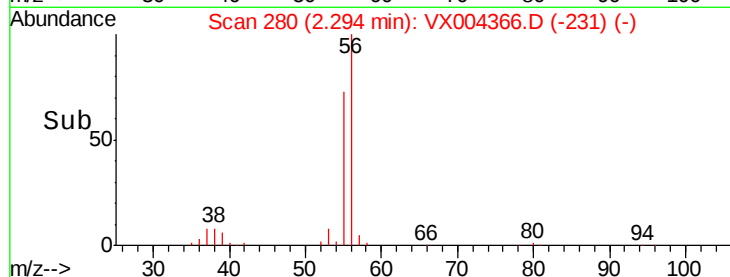
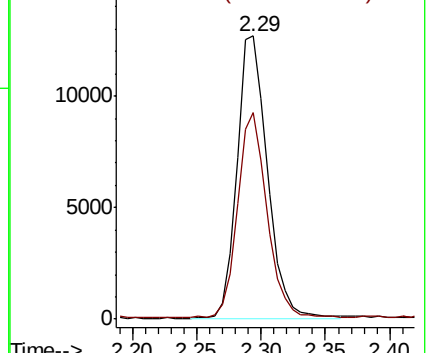
56 100

55 69.3 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

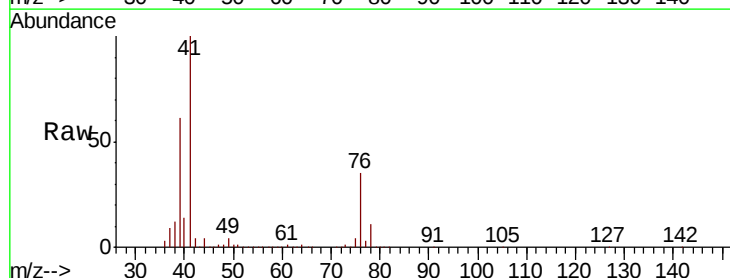
Tgt Ion: 41 Resp: 122512

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

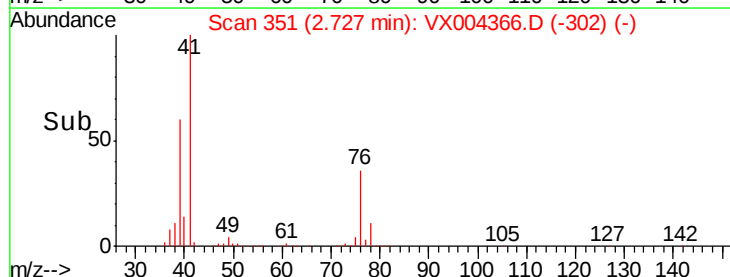
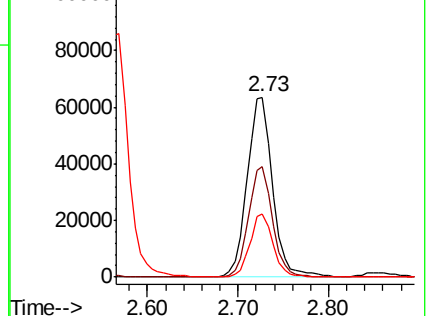
76 32.4 26.7 40.1

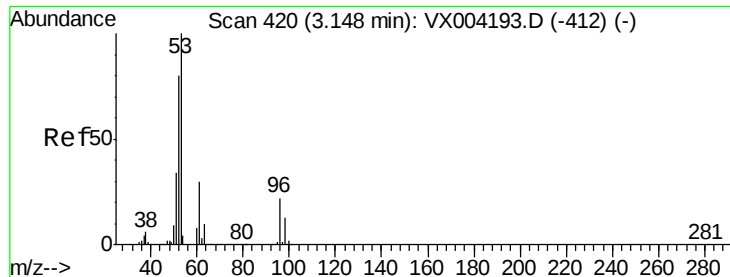


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.75 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

VX0905WBS01

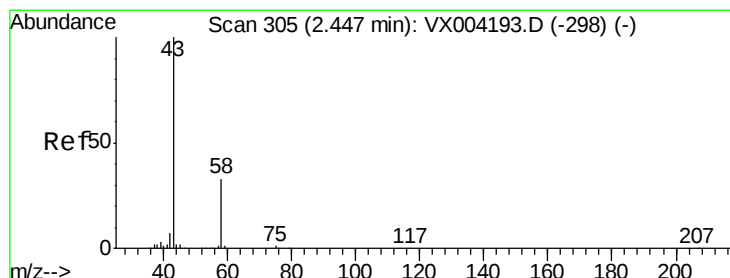
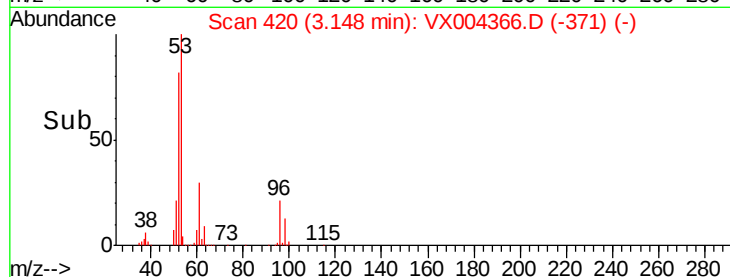
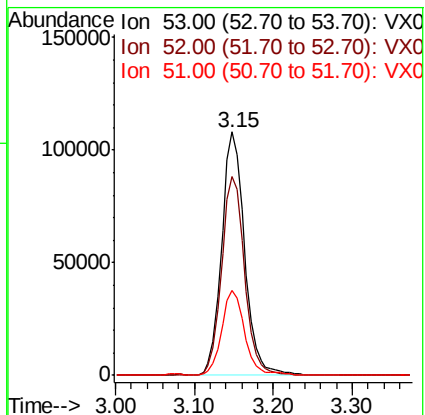
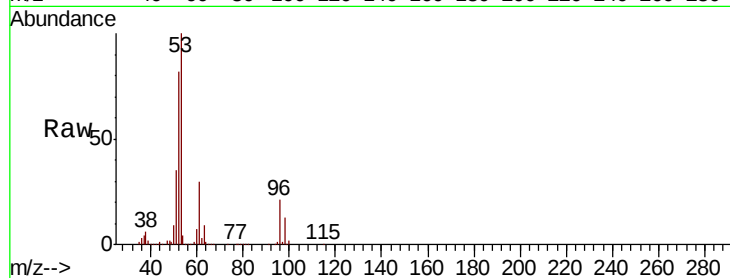
Tot Ion: 53 Resp: 217697

Ion Ratio Lower Upper

53 100

52 82.0 65.2 97.8

51 35.1 28.2 42.2



#16

Acetone

Concen: 106.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004366.D

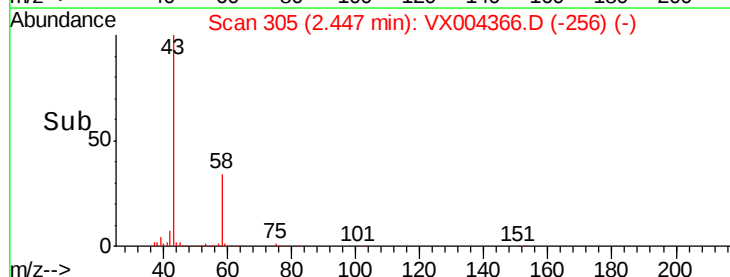
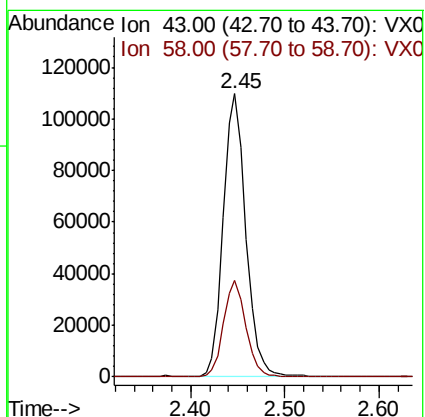
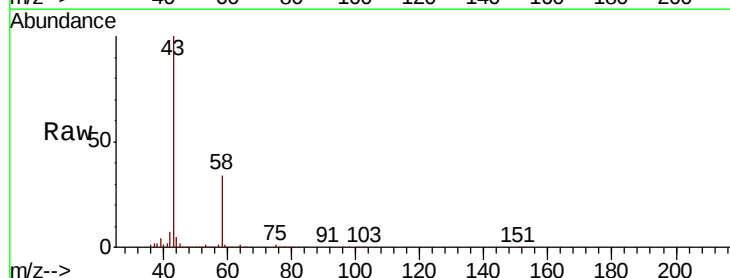
Acq: 05 Sep 2018 12:42

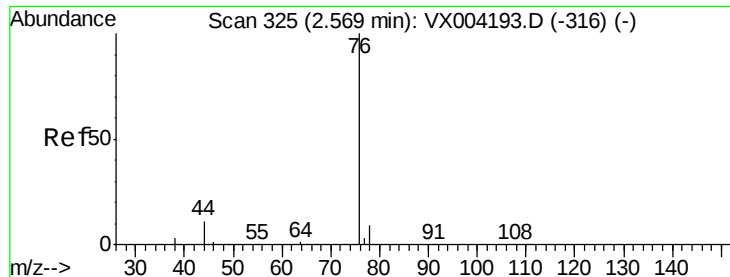
Tgt Ion: 43 Resp: 181783

Ion Ratio Lower Upper

43 100

58 34.3 26.2 39.4

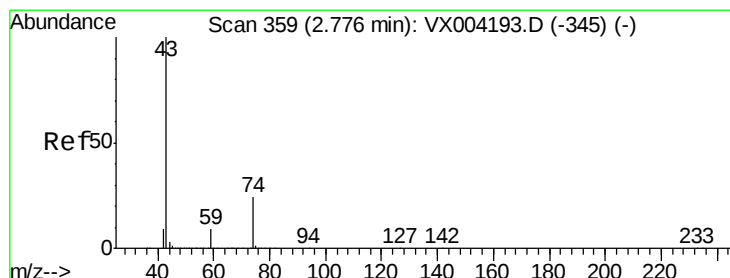
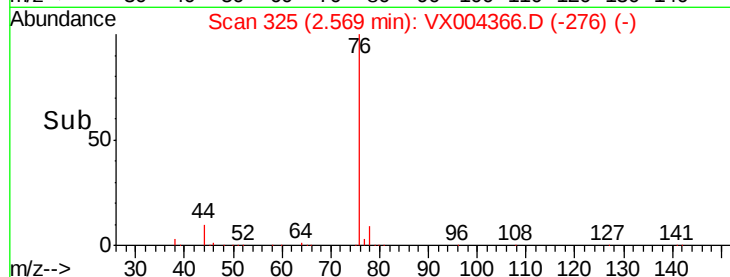
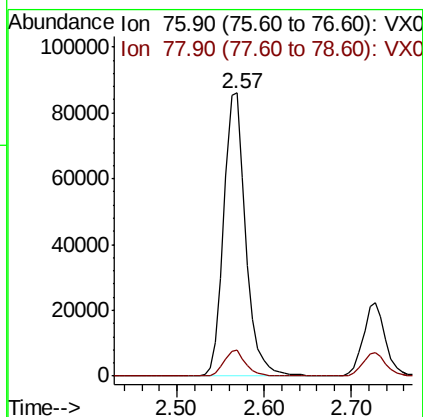
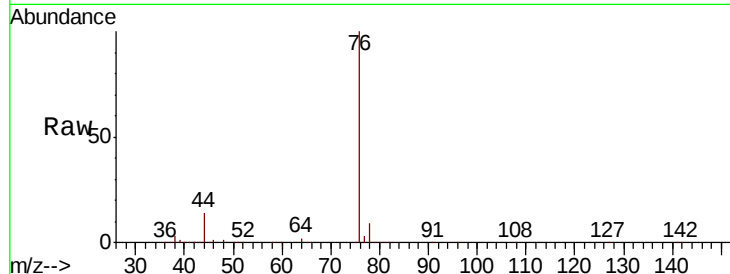




#17
Carbon Disulfide
Concen: 17.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

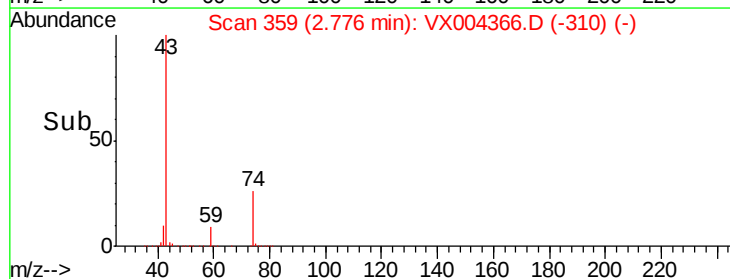
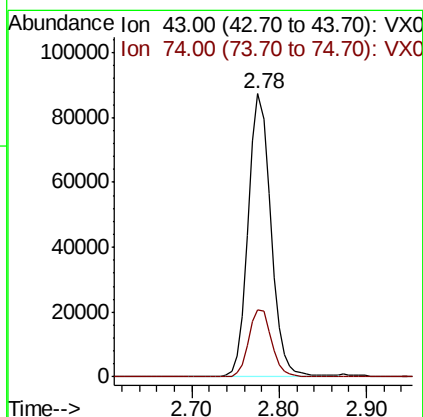
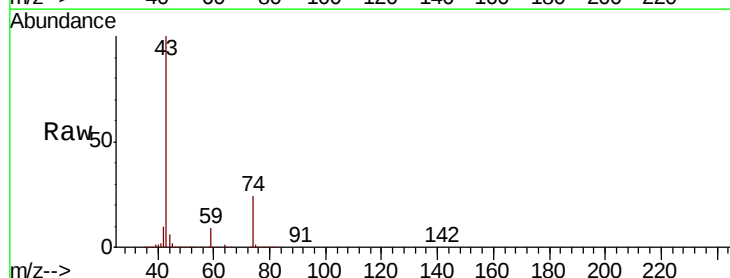
Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

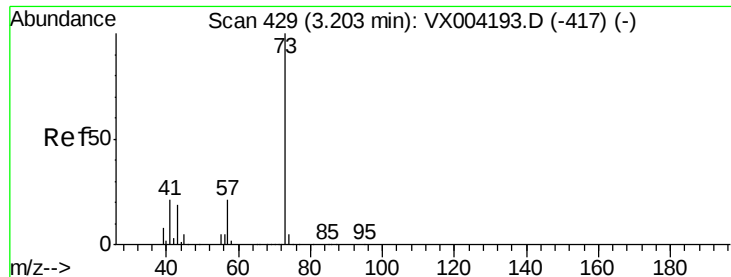
Tot Ion: 76 Resp: 149736
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 26.30 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion: 43 Resp: 156661
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.85 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

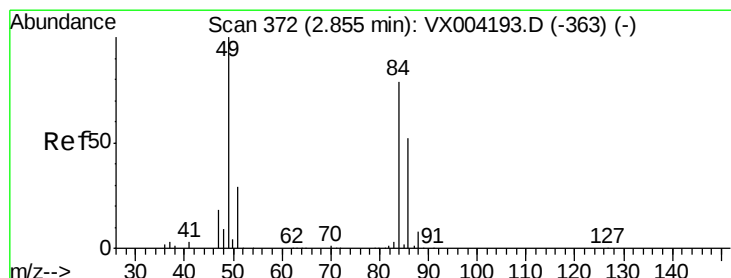
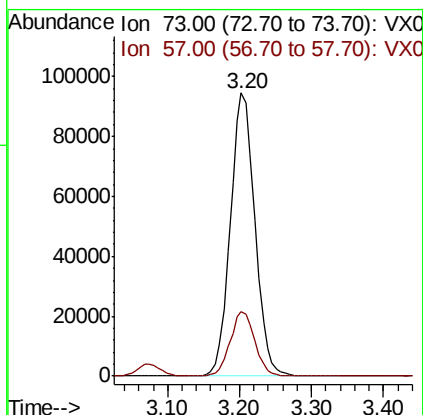
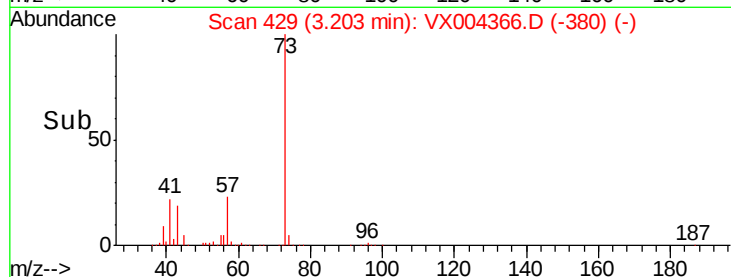
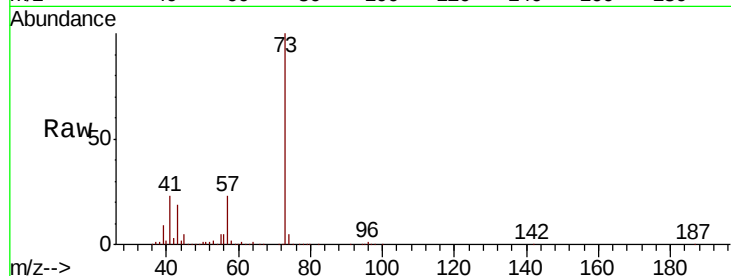
VX0905WBS01

Tot Ion: 73 Resp: 224137

Ion Ratio Lower Upper

73 100

57 22.6 17.1 25.7



#20

Methylene Chloride

Concen: 19.47 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Tgt Ion: 84 Resp: 75224

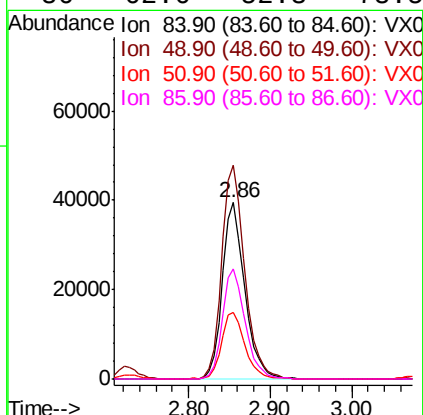
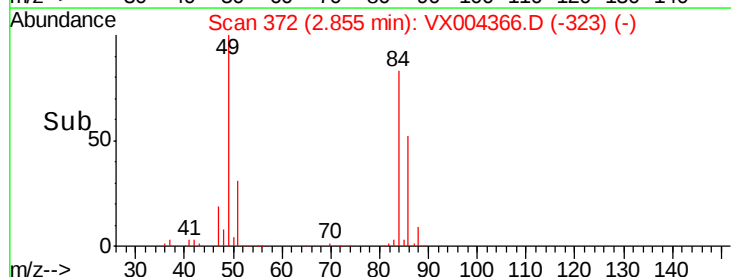
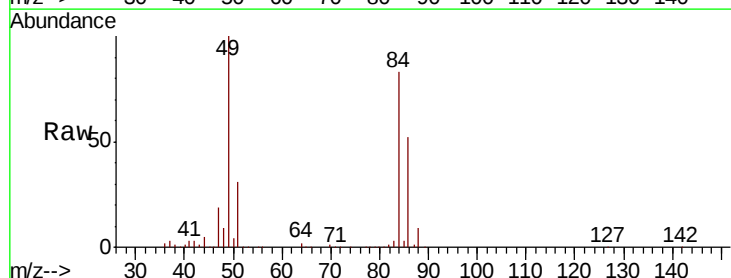
Ion Ratio Lower Upper

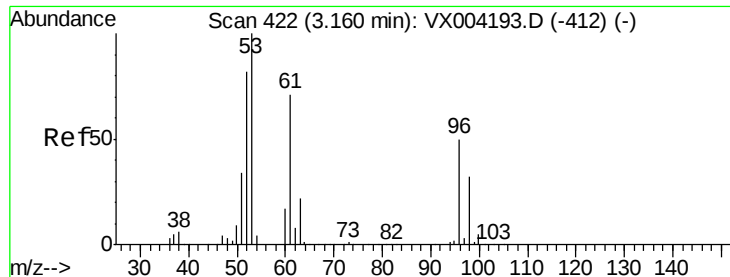
84 100

49 121.1 101.2 151.8

51 37.3 29.5 44.3

86 62.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.87 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

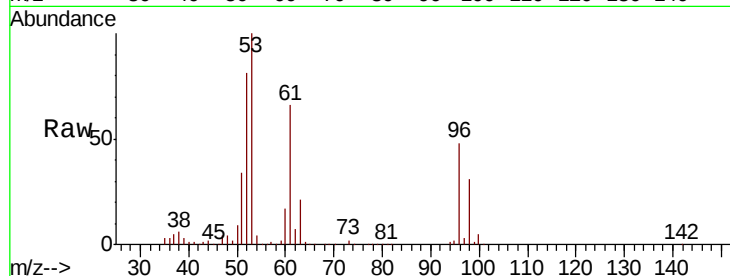
Tot Ion: 96 Resp: 68122

Ion Ratio Lower Upper

96 100

61 137.6 113.8 170.6

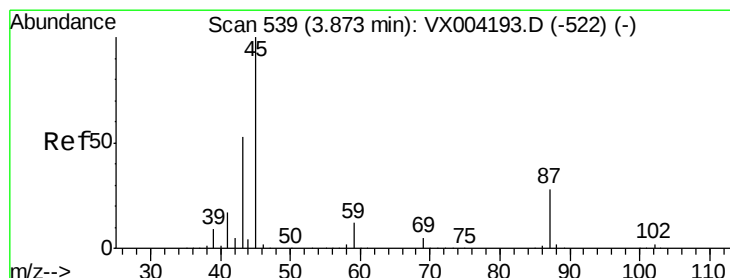
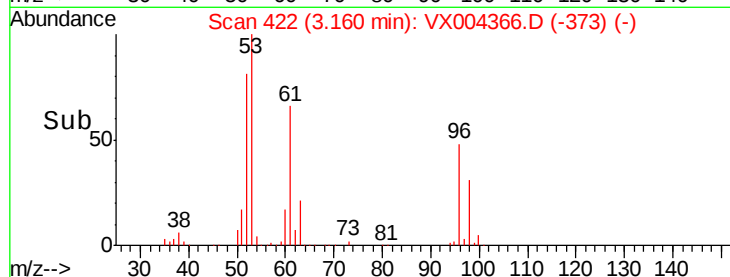
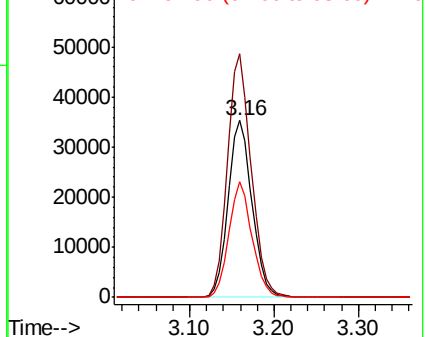
98 65.0 51.8 77.8



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: 20.69 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Tgt Ion: 45 Resp: 231562

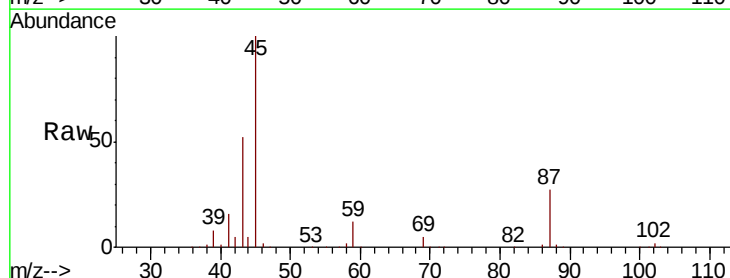
Ion Ratio Lower Upper

45 100

43 52.2 42.8 64.2

87 26.9 22.6 34.0

59 12.0 9.6 14.4

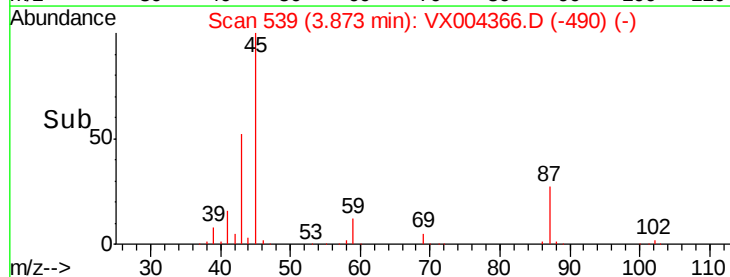
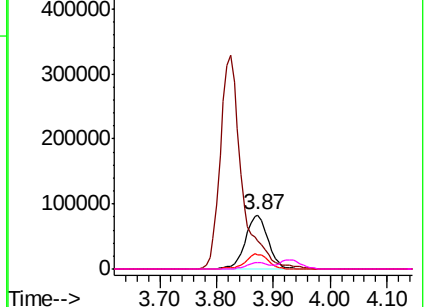


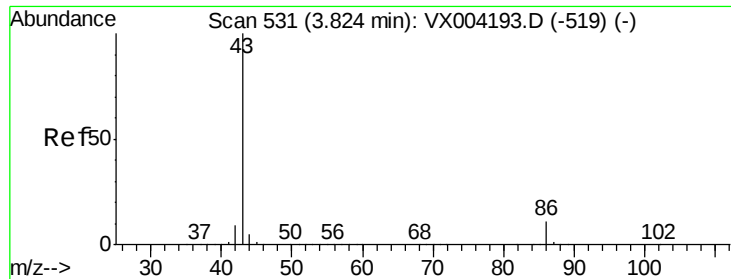
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 95.22 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

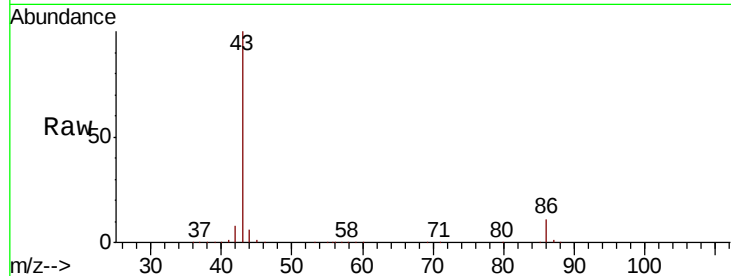
VX0905WBS01

Tot Ion: 43 Resp: 863627

Ion Ratio Lower Upper

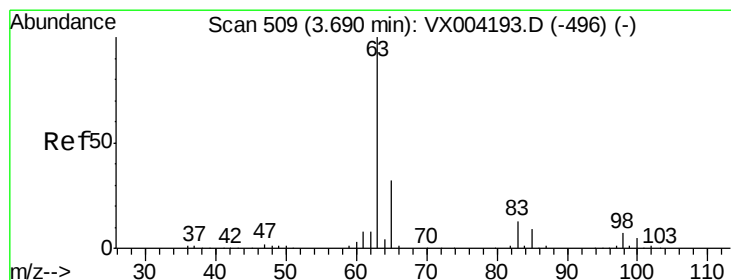
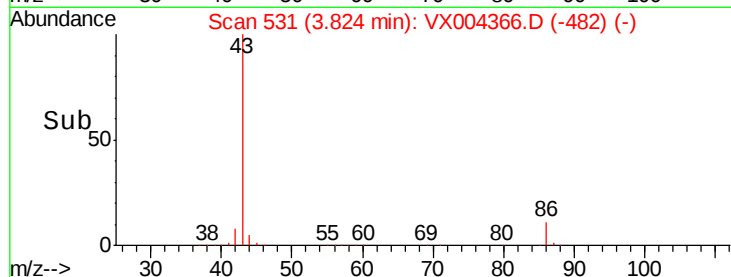
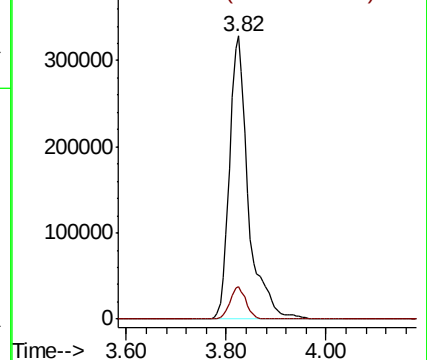
43 100

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: 20.01 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

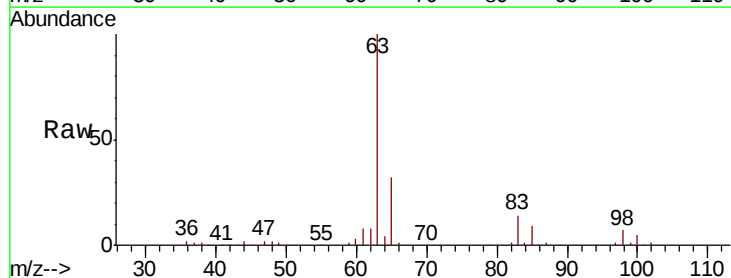
Tgt Ion: 63 Resp: 130509

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

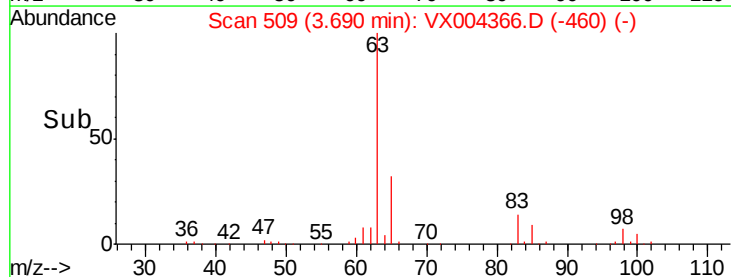
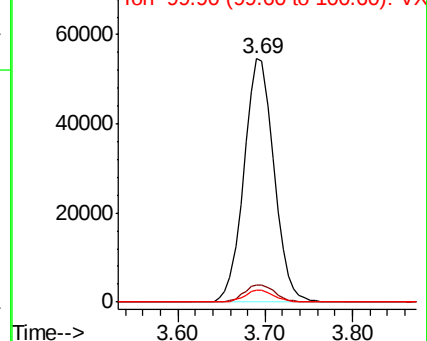
100 4.8 2.4 7.1

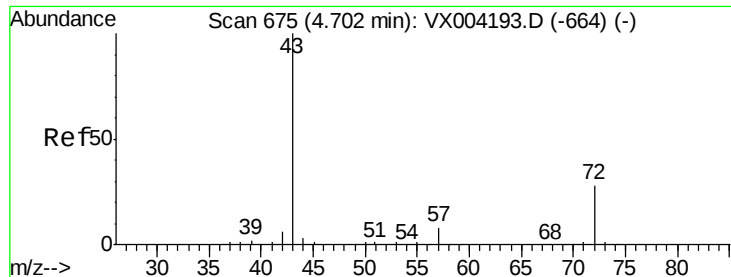


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.44 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

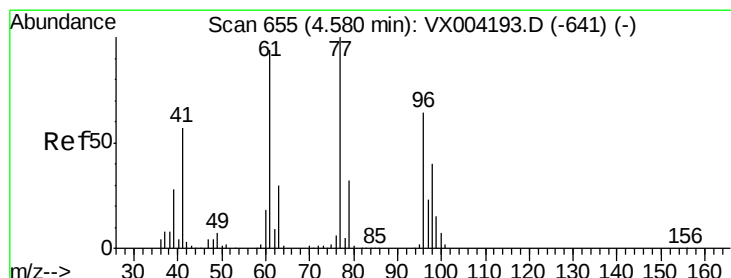
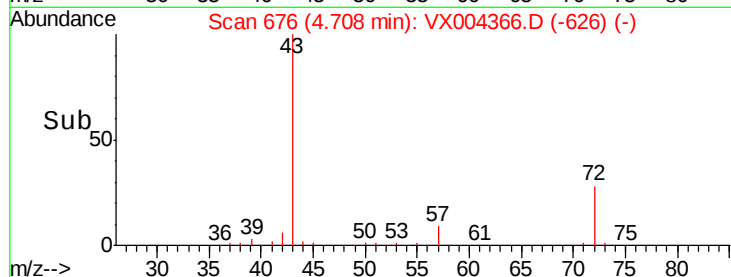
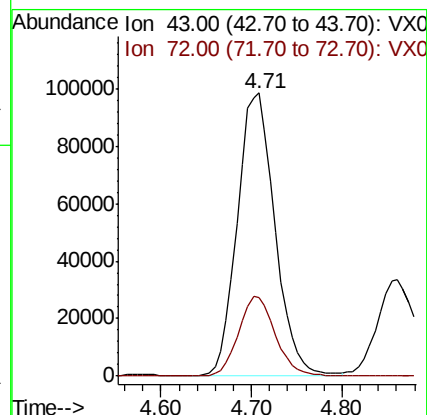
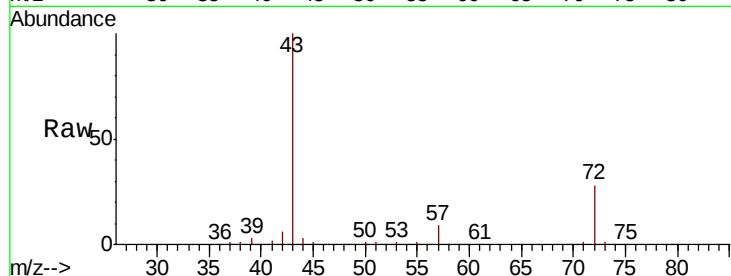
VX0905WBS01

Tot Ion: 43 Resp: 282670

Ion Ratio Lower Upper

43 100

72 27.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 19.54 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004366.D

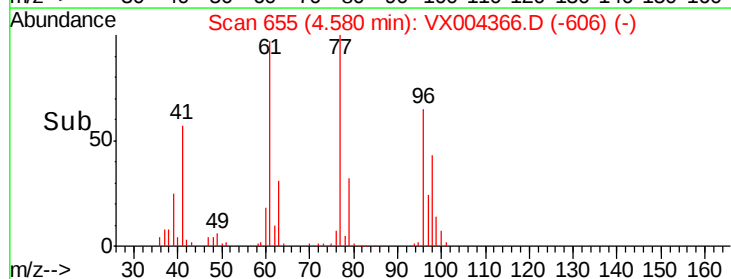
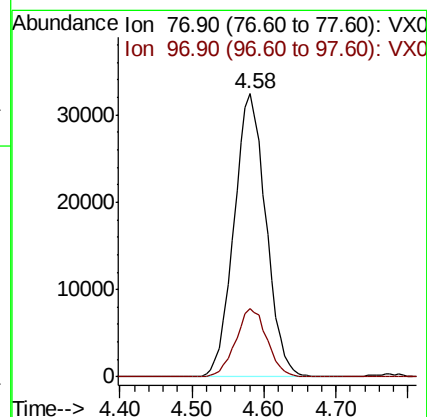
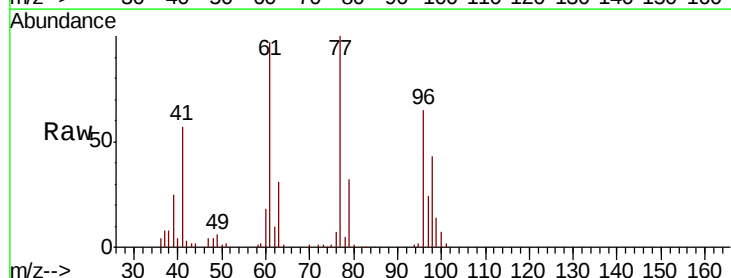
Acq: 05 Sep 2018 12:42

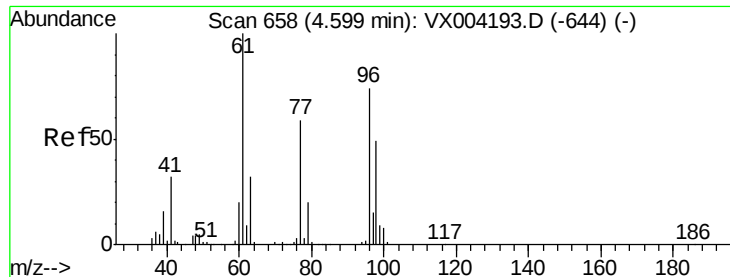
Tgt Ion: 77 Resp: 99952

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0



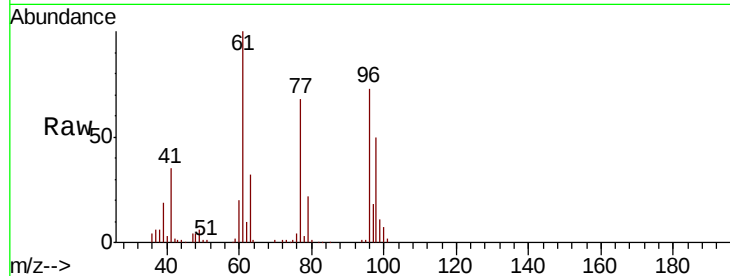


#27

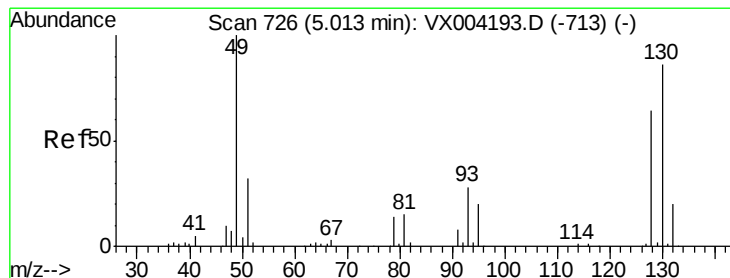
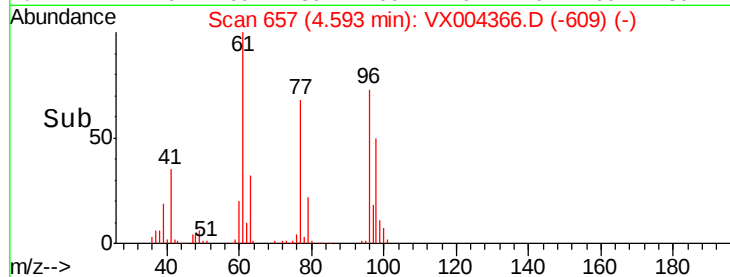
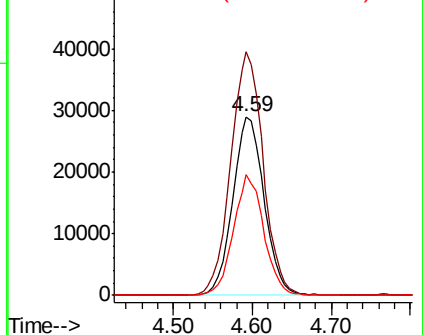
cis-1,2-Dichloroethene
 Concen: 19.53 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX0905WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	282.6
98	65.2	0.0	130.2



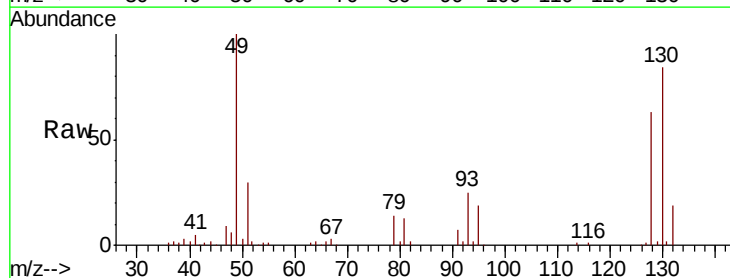
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



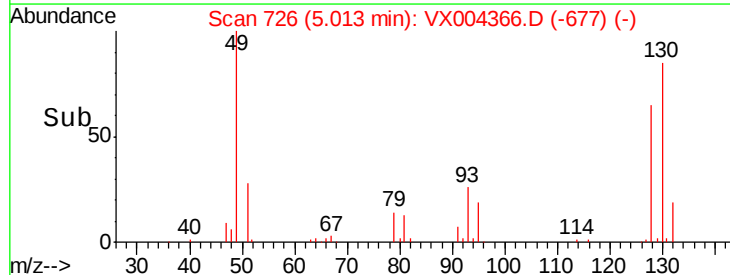
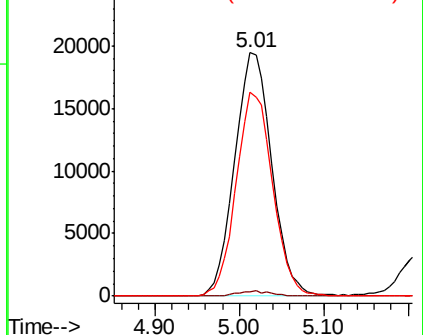
#28

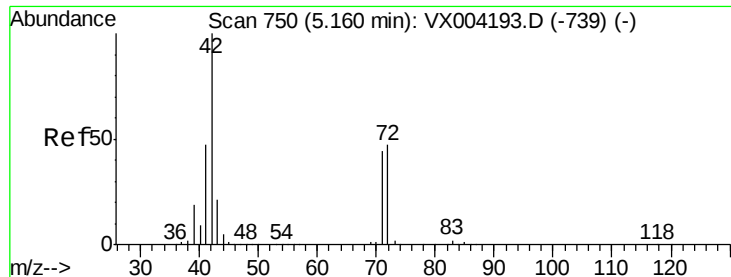
Bromochloromethane
 Concen: 20.14 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	82.3	67.5	101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 103.60 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

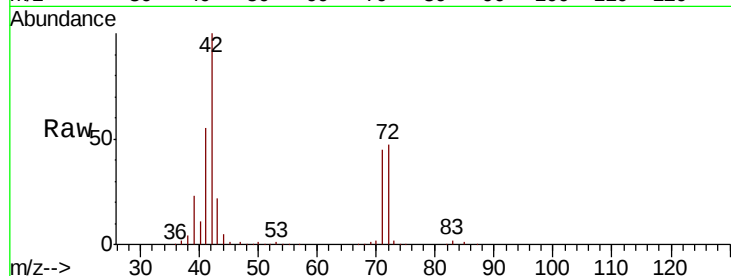
Tot Ion: 42 Resp: 178644

Ion Ratio Lower Upper

42 100

72 47.1 37.4 56.0

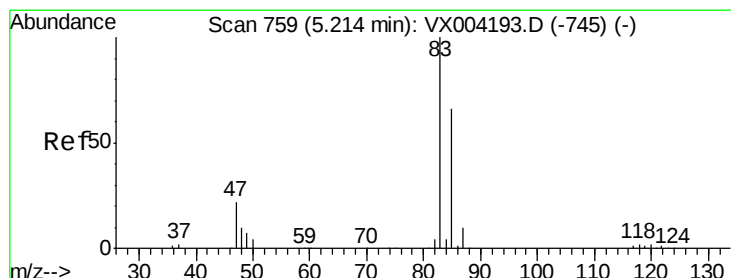
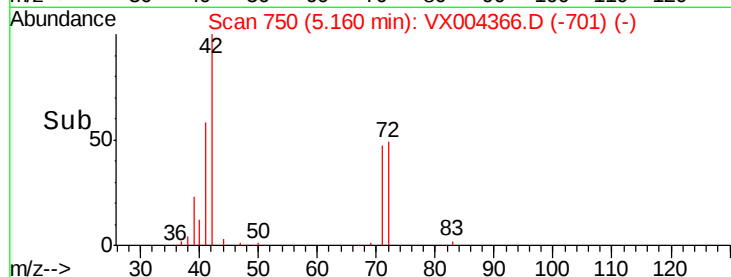
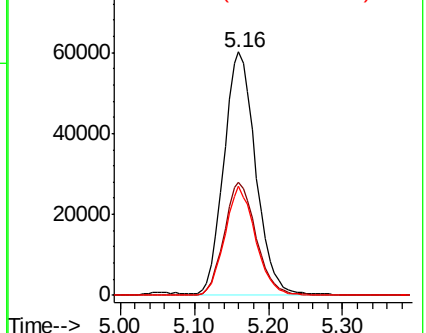
71 43.4 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.12 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004366.D

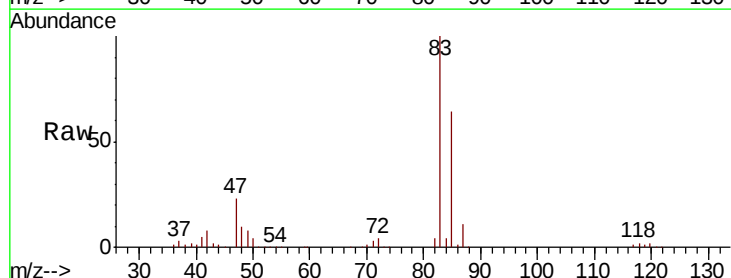
Acq: 05 Sep 2018 12:42

Tgt Ion: 83 Resp: 131558

Ion Ratio Lower Upper

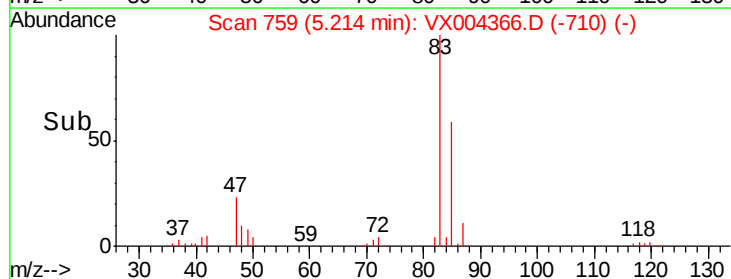
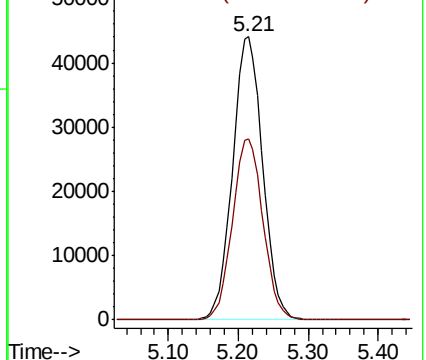
83 100

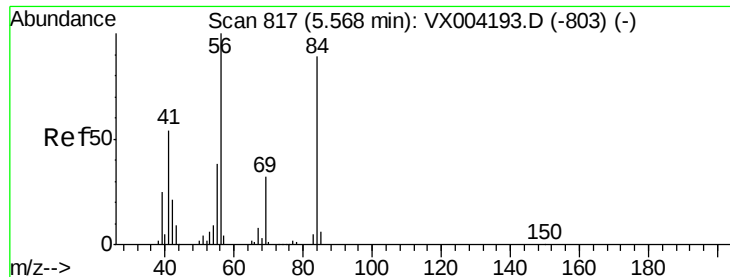
85 64.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

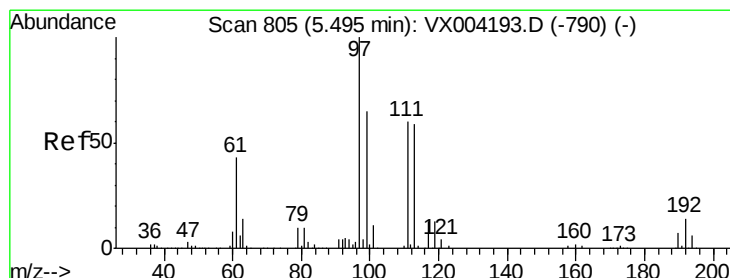
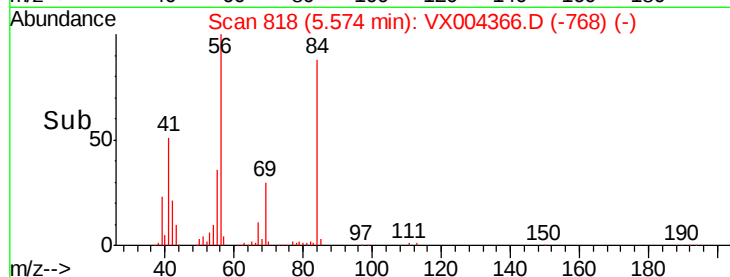
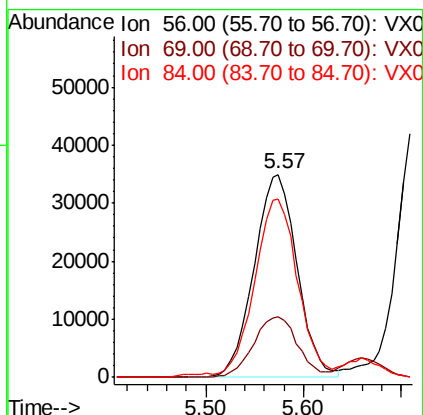
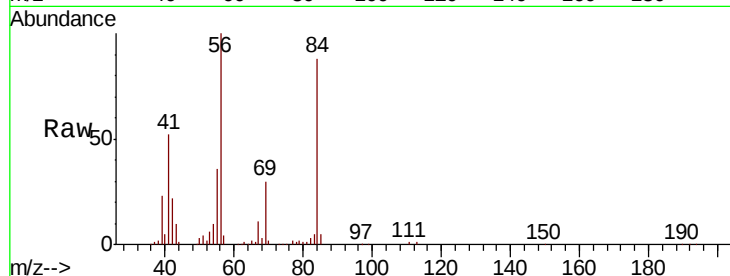




#31
Cyclohexane
Concen: 18.98 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

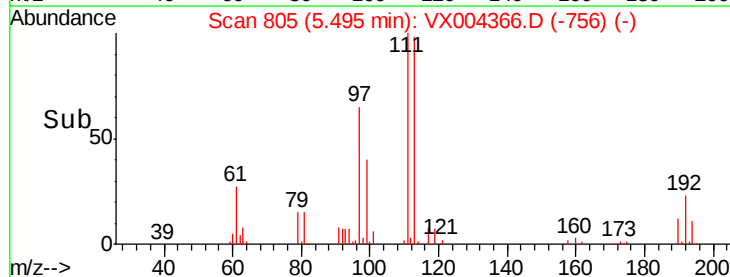
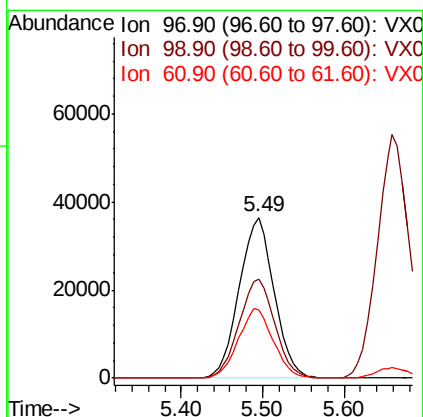
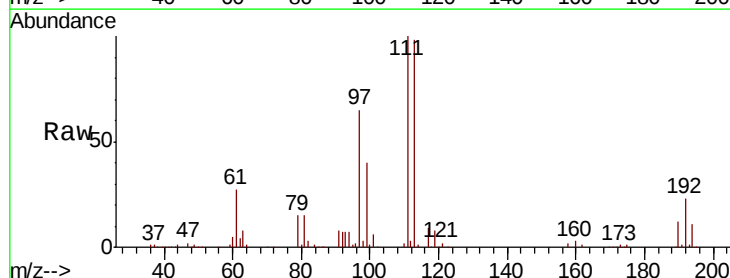
Instrument :
MSVOA_X
ClientSampled :
VX0905WBS01

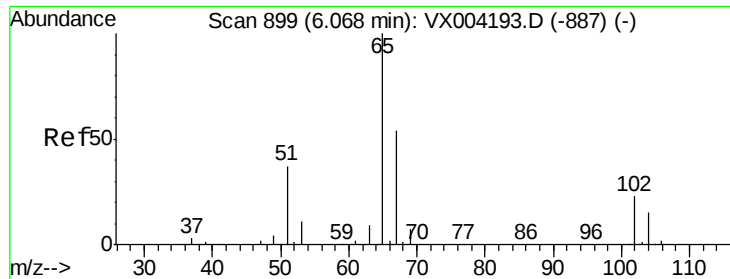
Tot Ion: 56 Resp: 106788
Ion Ratio Lower Upper
56 100
69 29.6 25.4 38.2
84 86.6 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 19.87 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion: 97 Resp: 108314
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 43.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.42 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

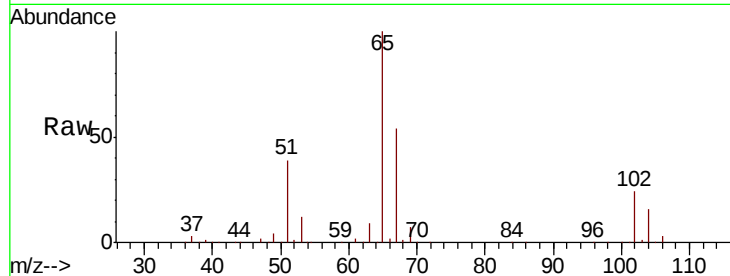
VX0905WBS01

Tot Ion: 65 Resp: 190326

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

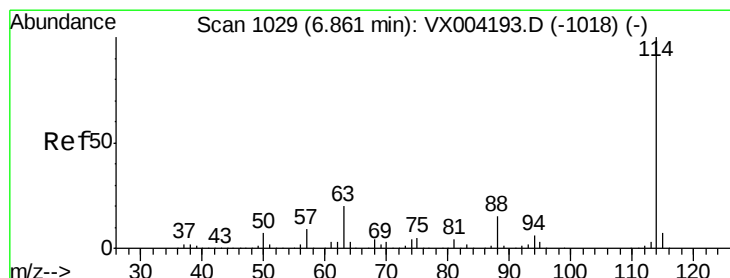
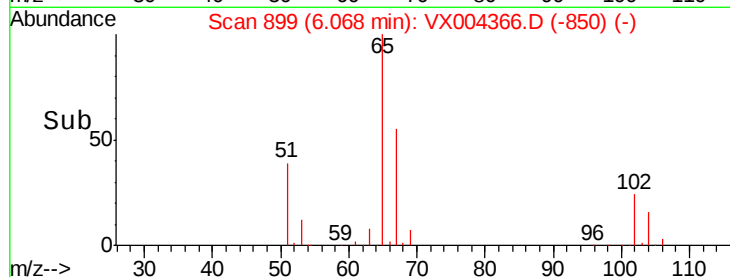
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

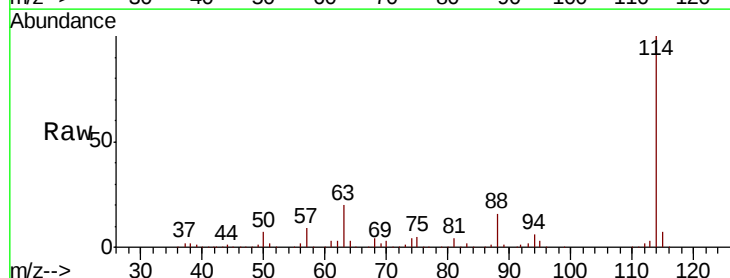
Tgt Ion: 114 Resp: 447139

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

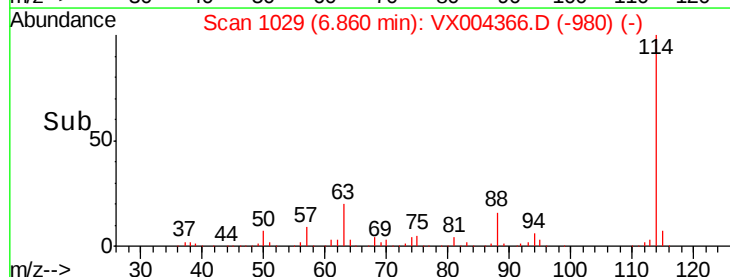
100000

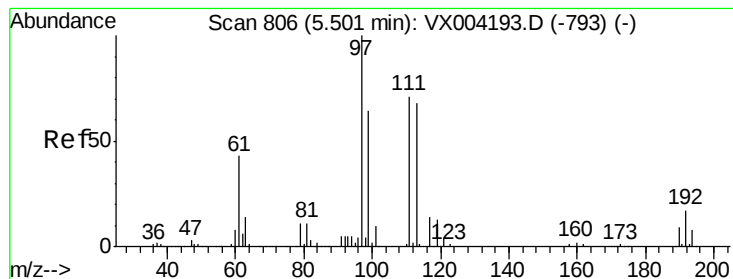
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 49.92 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

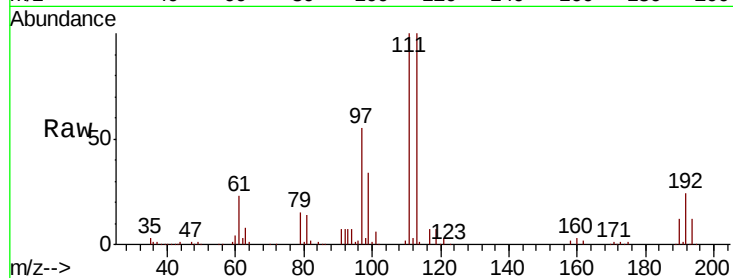
Tot Ion:113 Resp: 166042

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

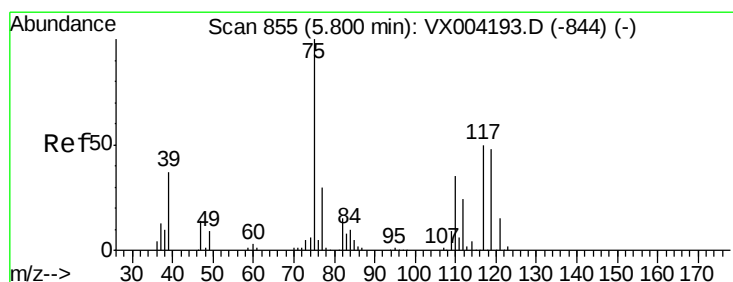
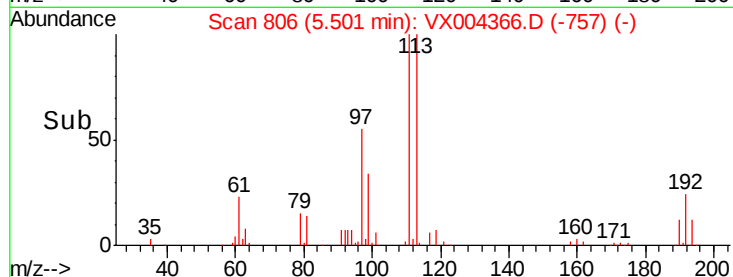
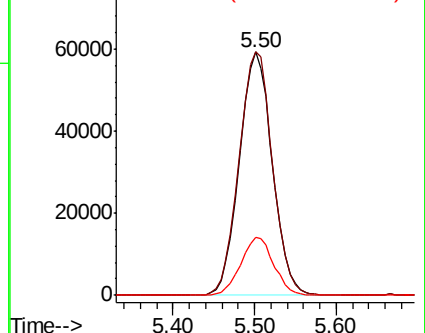
192 23.8 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.08 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

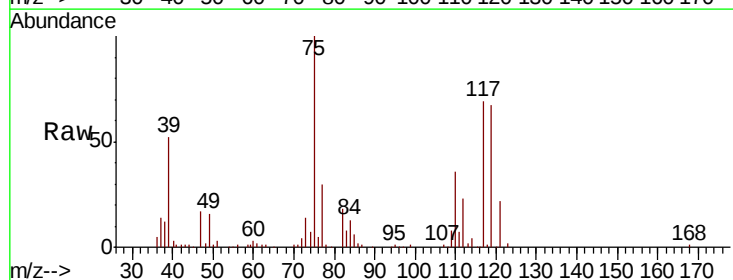
Tgt Ion: 75 Resp: 95904

Ion Ratio Lower Upper

75 100

110 36.2 18.0 54.0

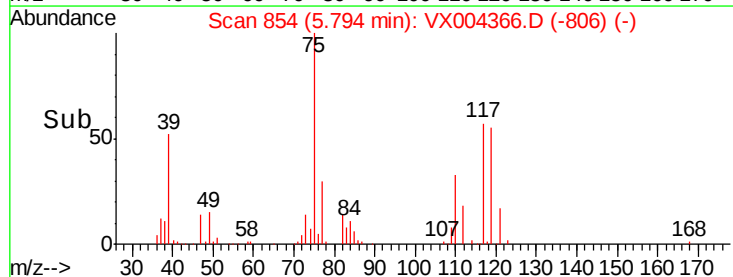
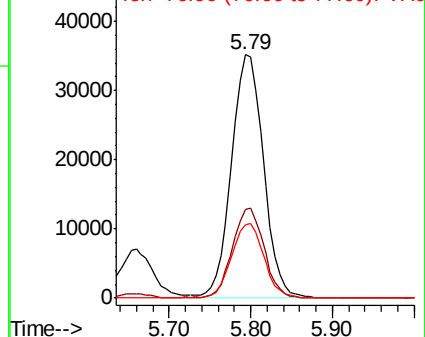
77 30.2 24.6 36.8

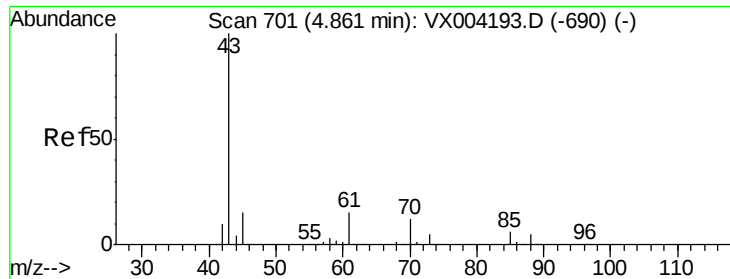


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

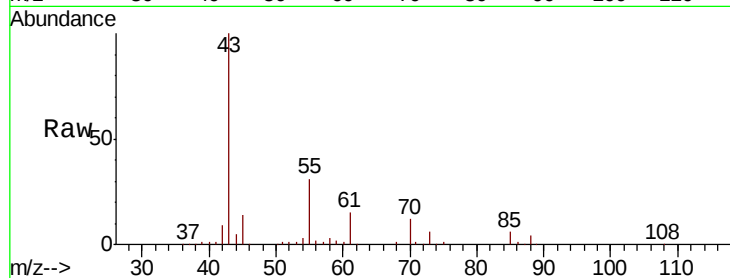




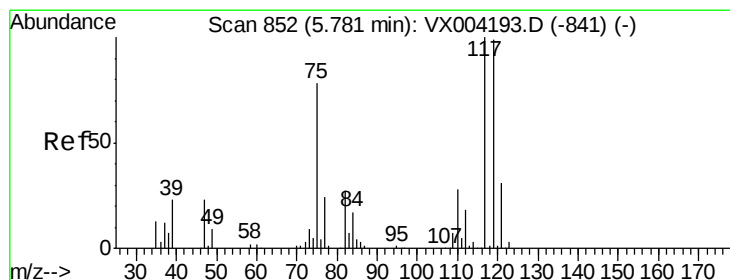
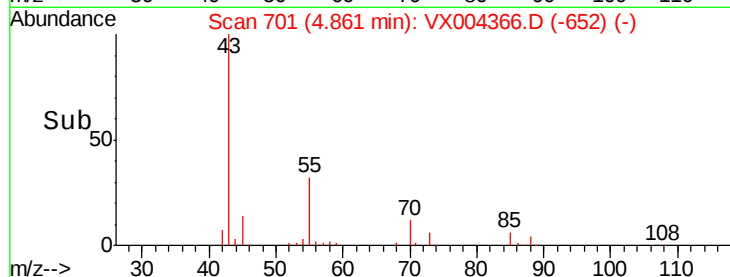
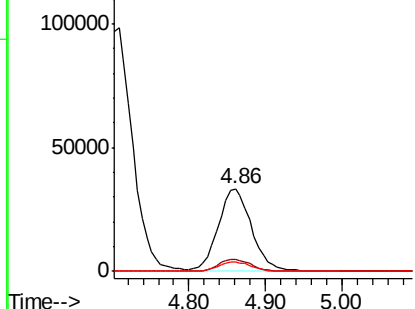
#37
Ethyl Acetate
Concen: 20.03 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

Tot Ion	43	Resp	99008
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	11.7	9.0	13.6

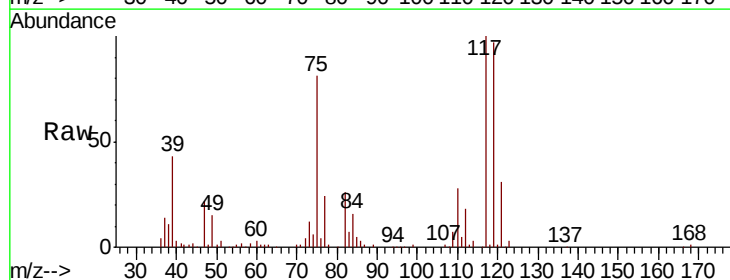


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

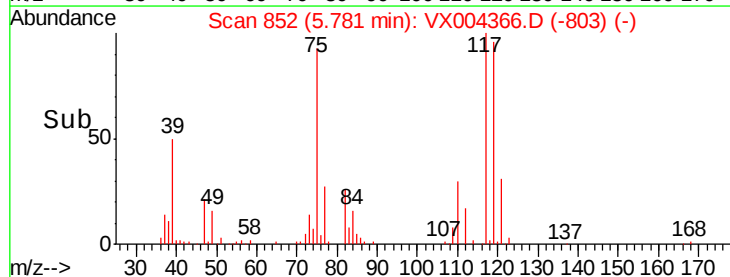
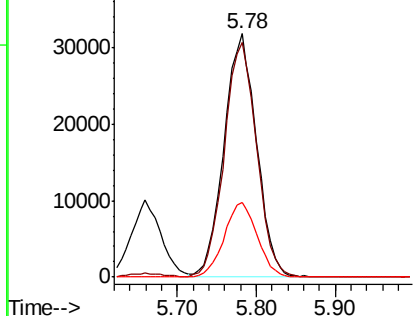


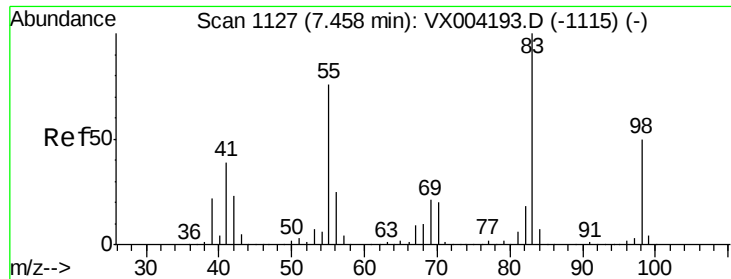
#38
Carbon Tetrachloride
Concen: 19.38 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion	117	Resp	91626
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.8	118.2
121	30.5	24.9	37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

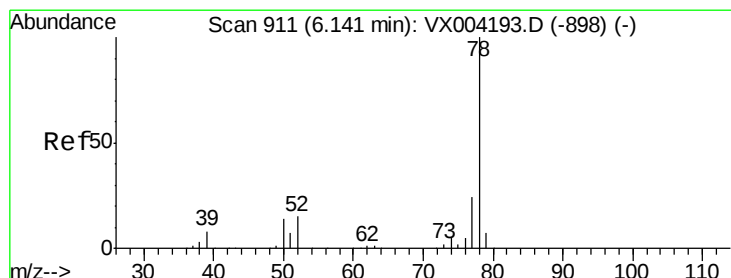
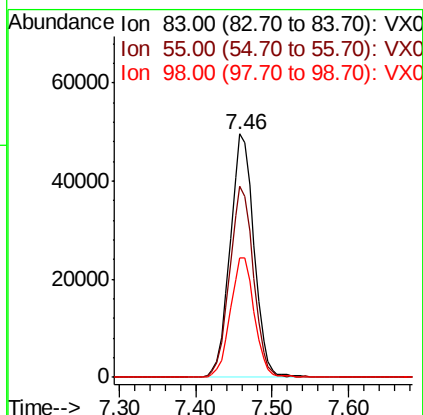
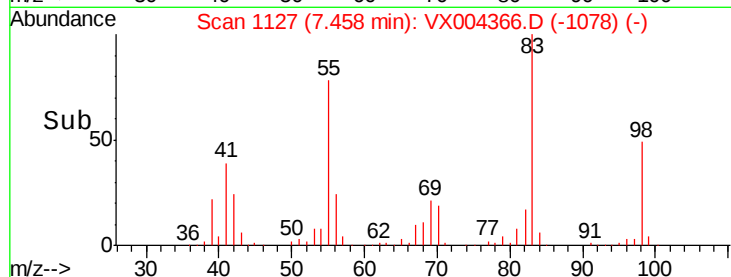
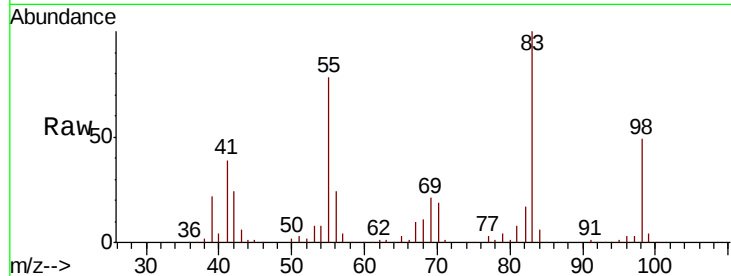




#39
Methvlcvclohexane
Concen: 18.77 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

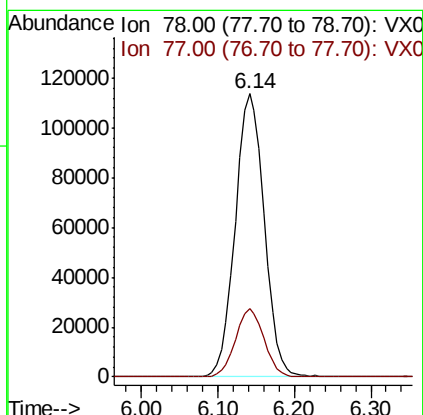
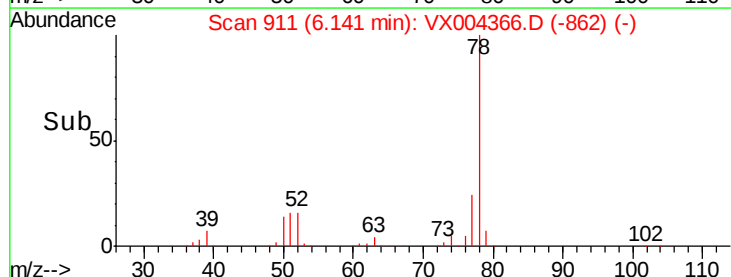
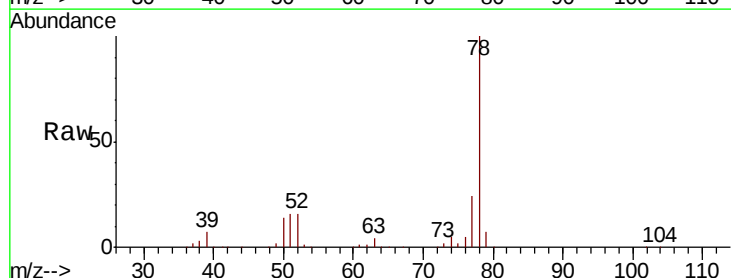
Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

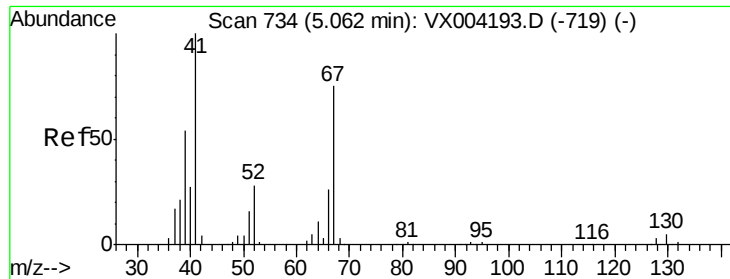
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.0	91.4
98	49.0	39.6	59.4



#40
Benzene
Concen: 19.90 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

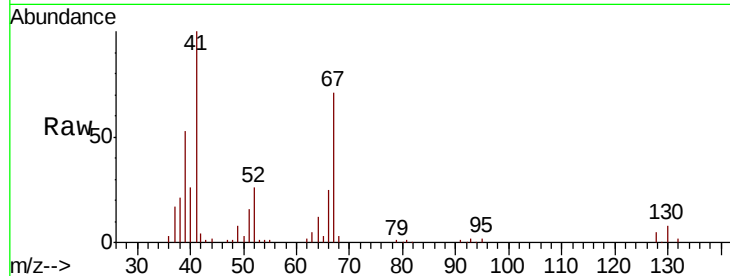




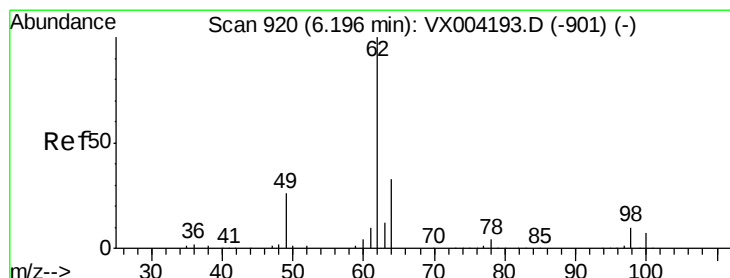
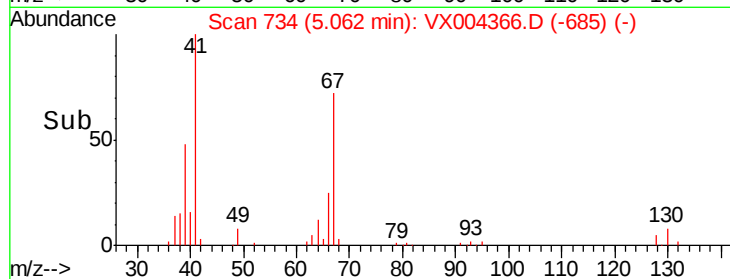
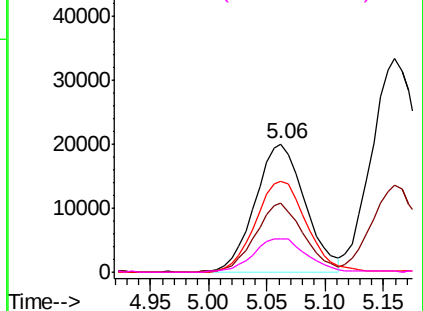
#41
Methacrylonitrile
Concen: 20.84 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

Tot Ion:	41	Resp:	59712
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.4	63.6
67	73.4	59.2	88.8
52	28.8	23.0	34.4

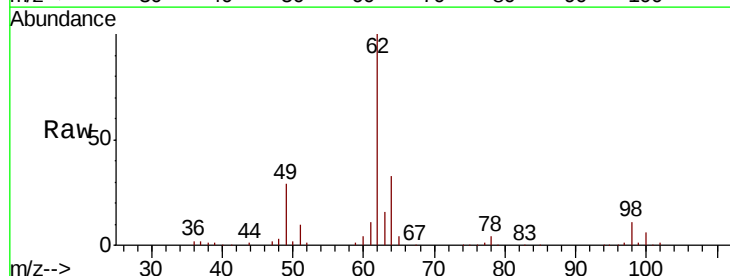


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

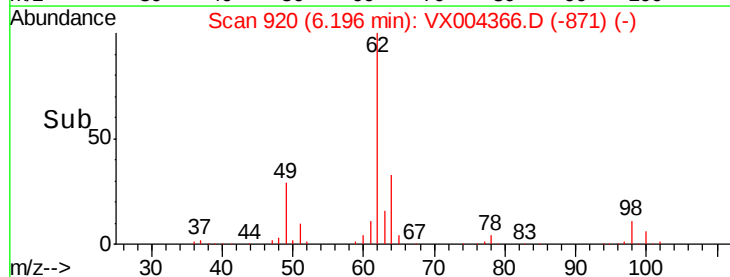
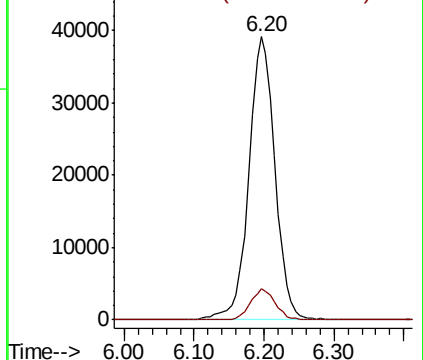


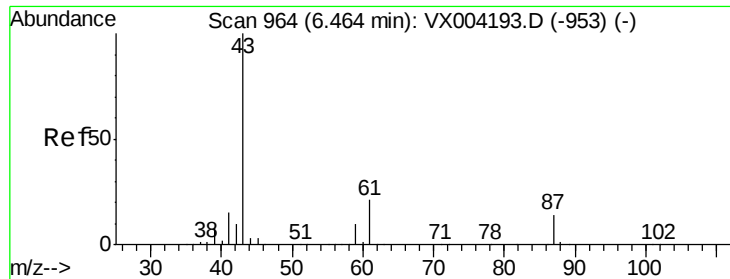
#42
1,2-Dichloroethane
Concen: 19.79 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion:	62	Resp:	101407
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6



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



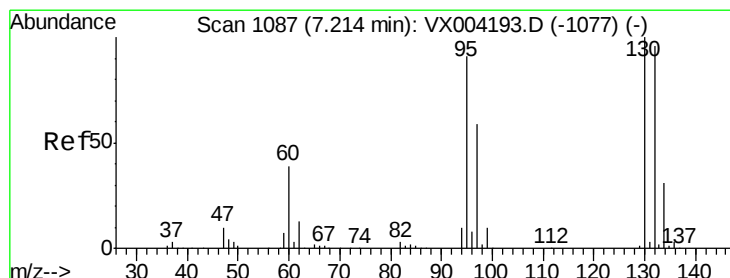
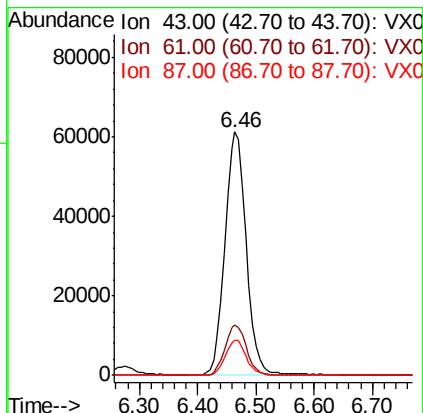
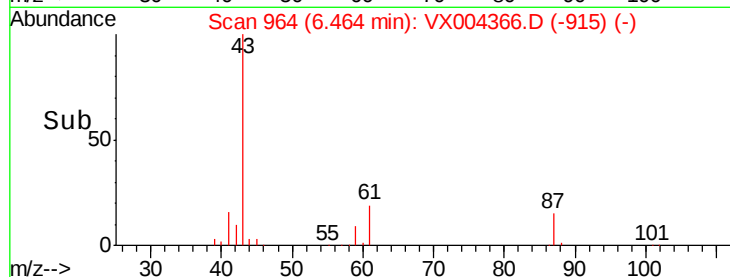
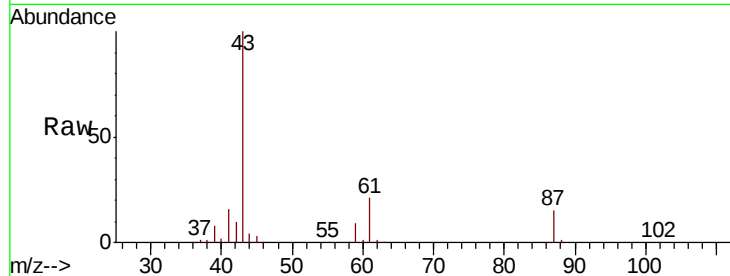


#43

Isopropyl Acetate
 Concen: 20.47 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBS01

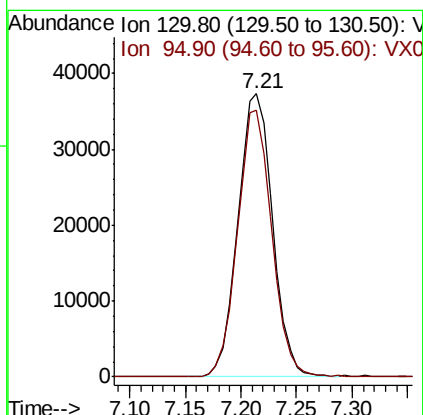
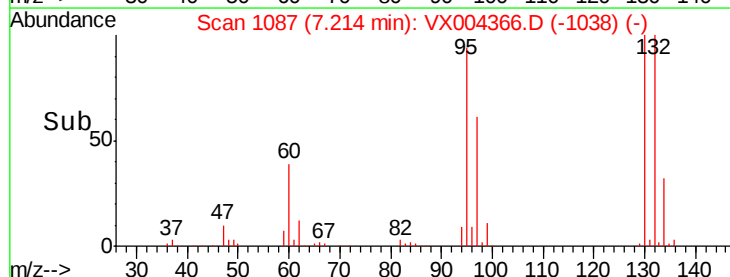
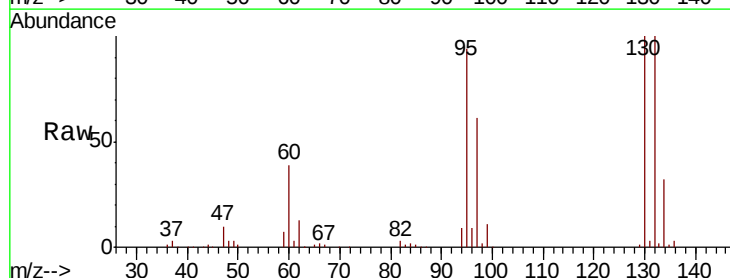
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.0	25.4
87	14.2	11.4	17.2

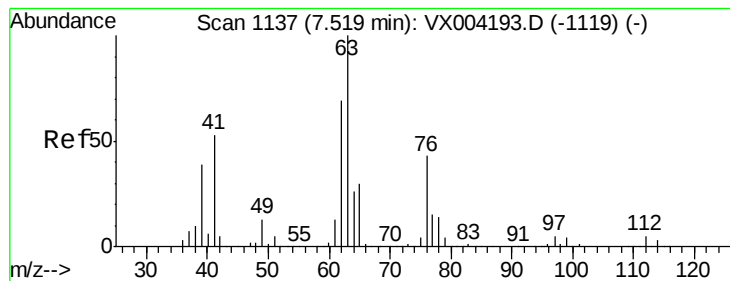


#44

Trichloroethene
 Concen: 19.39 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	181.6





#45

1,2-Dichloropropane

Concen: 20.48 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

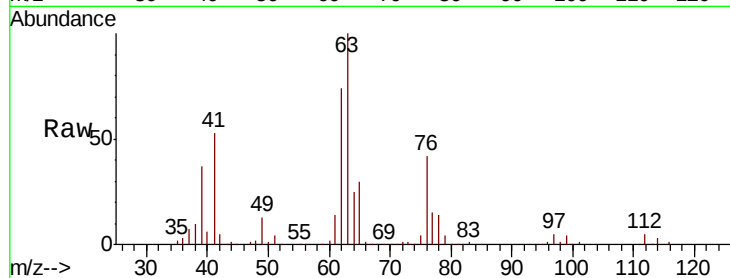
VX0905WBS01

Tot Ion: 63 Resp: 76999

Ion Ratio Lower Upper

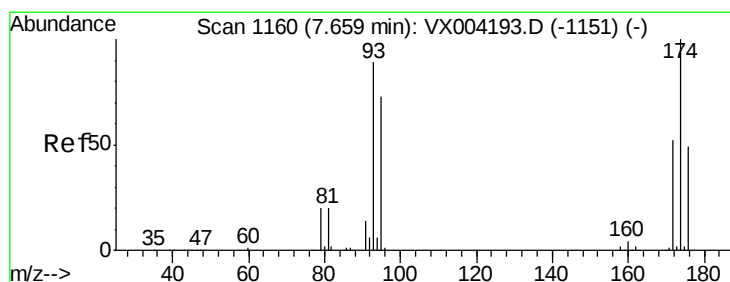
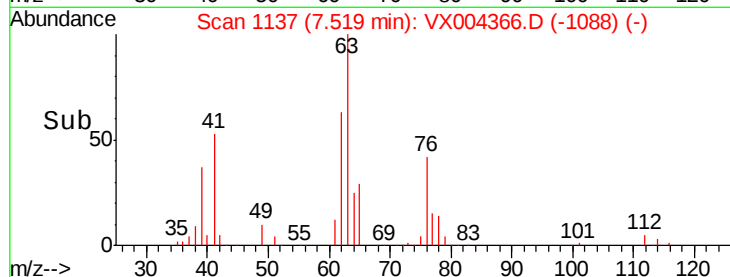
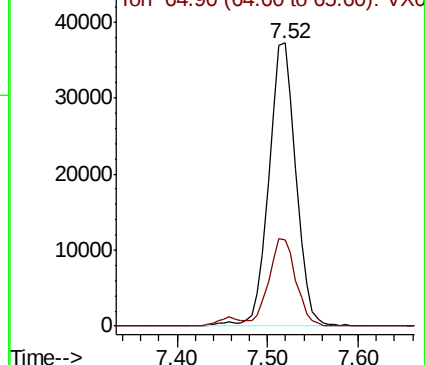
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.53 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

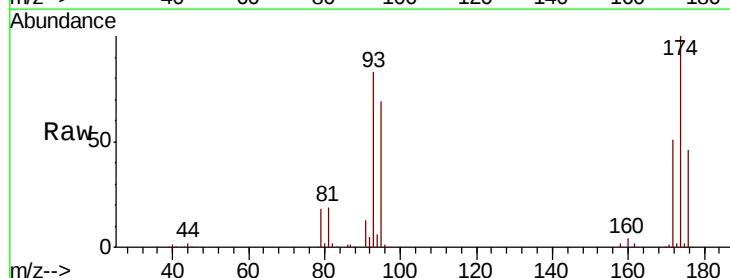
Tgt Ion: 93 Resp: 48883

Ion Ratio Lower Upper

93 100

95 83.6 65.5 98.3

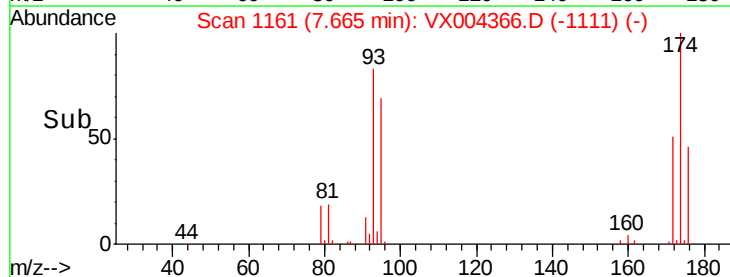
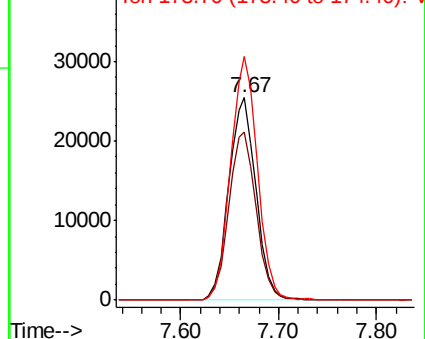
174 118.9 94.2 141.4

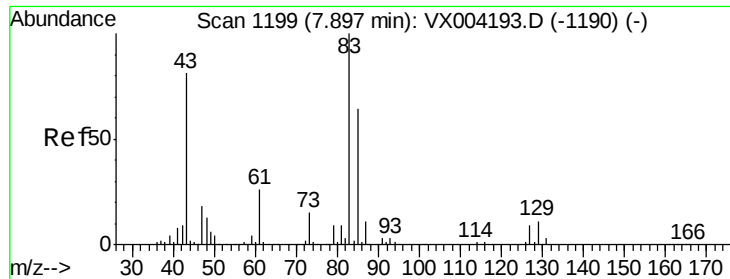


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.85 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

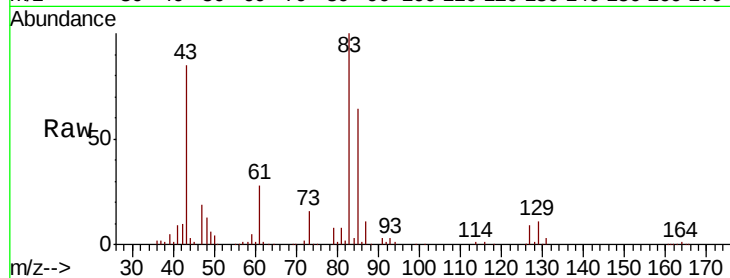
Tot Ion: 83 Resp: 92444

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

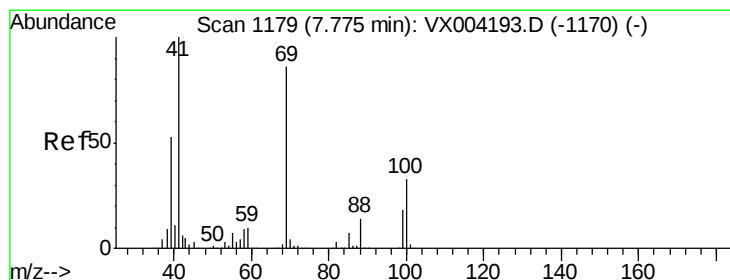
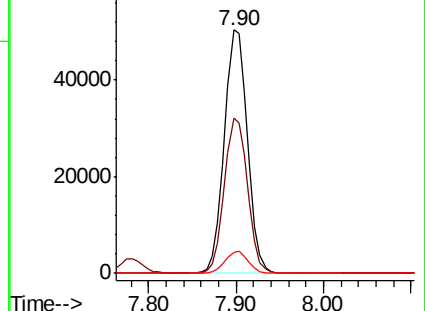
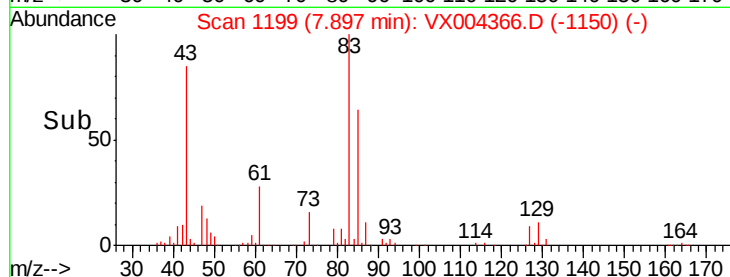
127 8.8 7.3 10.9



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: 20.45 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

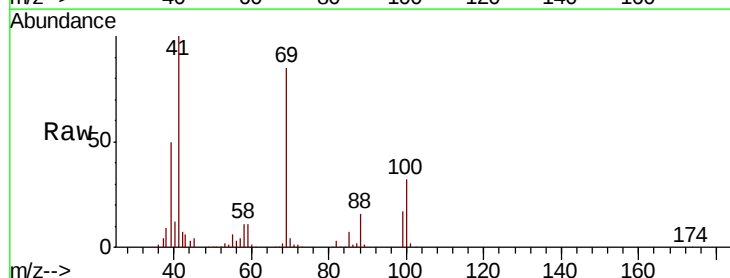
Tgt Ion: 41 Resp: 83131

Ion Ratio Lower Upper

41 100

69 87.4 70.2 105.4

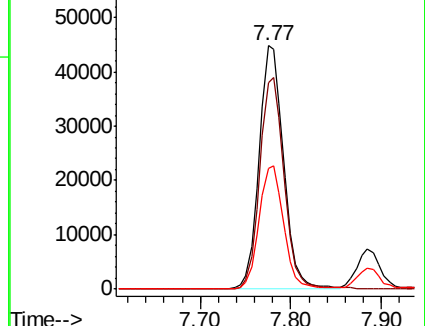
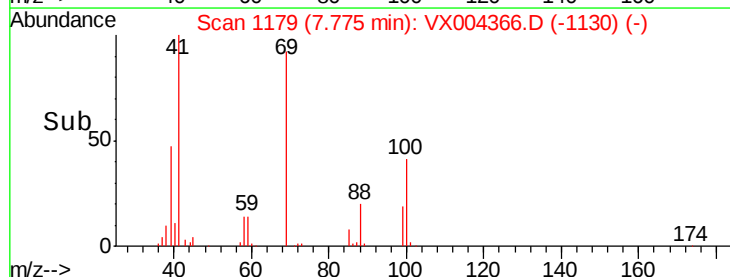
39 51.6 42.7 64.1

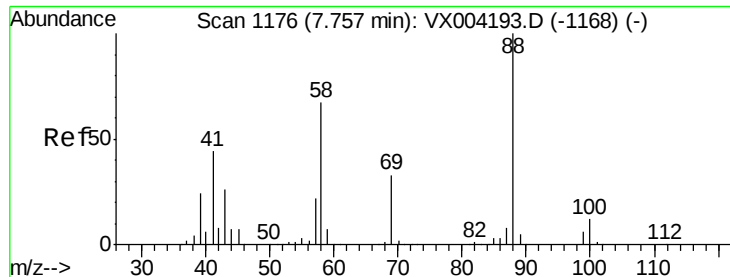


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

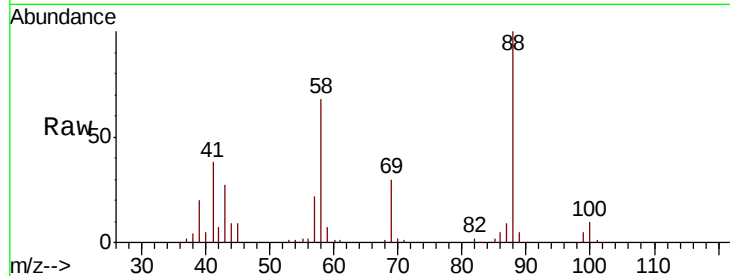




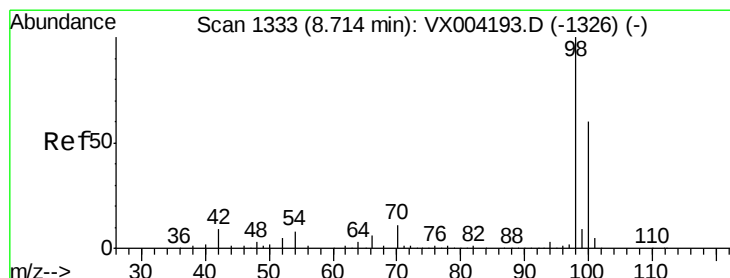
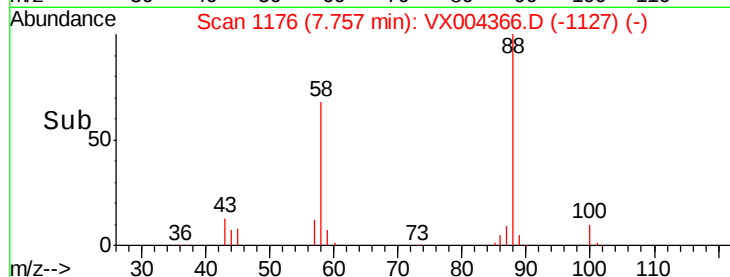
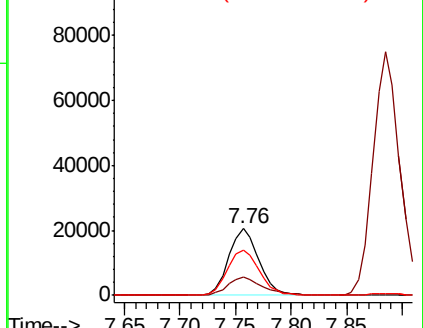
#49
1,4-Dioxane
Concen: 419.37 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

Tot Ion: 88 Resp: 38704
Ion Ratio Lower Upper
88 100
43 31.1 24.7 37.1
58 72.3 55.3 82.9

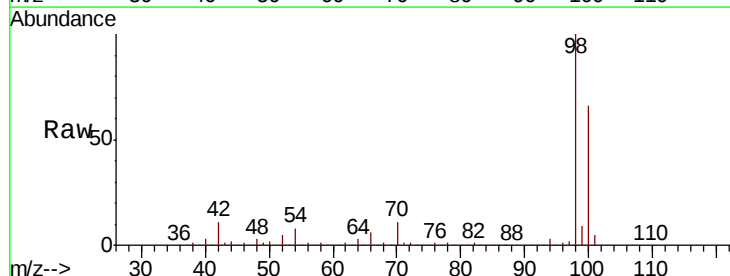


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

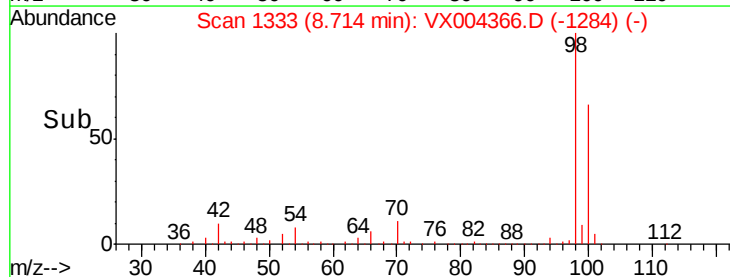
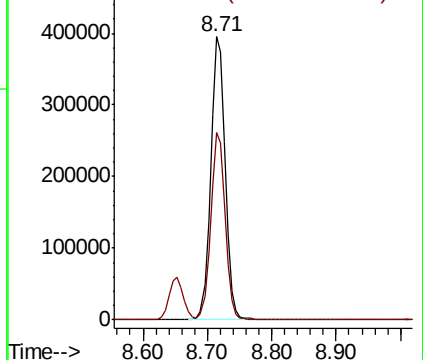


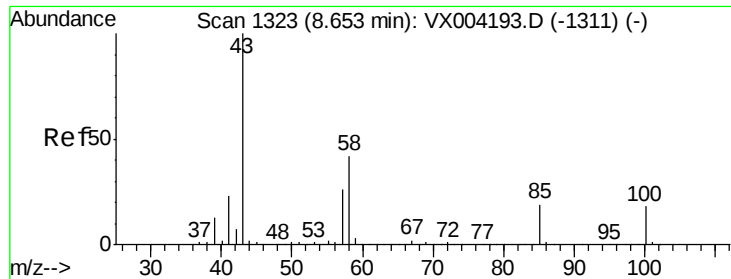
#50
Toluene-d8
Concen: 49.48 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion: 98 Resp: 621214
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 99.53 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

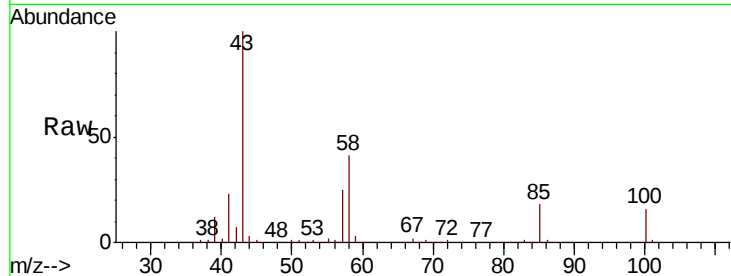
VX0905WBS01

Tot Ion: 43 Resp: 549364

Ion Ratio Lower Upper

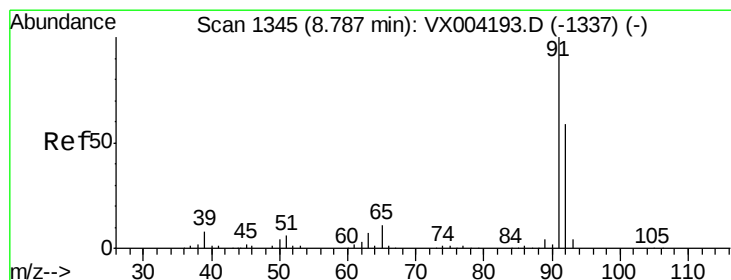
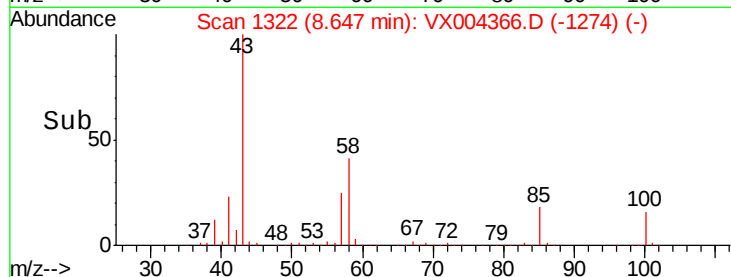
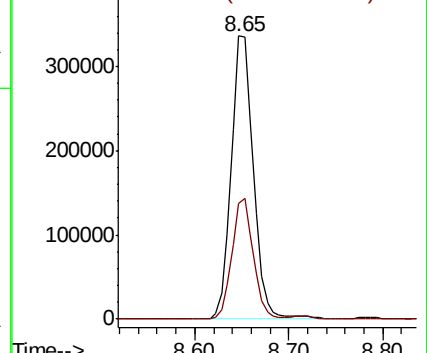
43 100

58 41.1 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: 20.21 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004366.D

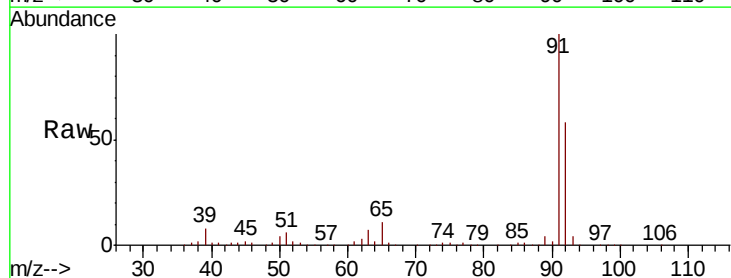
Acq: 05 Sep 2018 12:42

Tgt Ion: 92 Resp: 189984

Ion Ratio Lower Upper

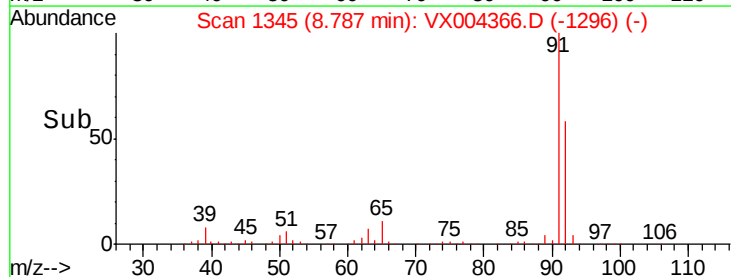
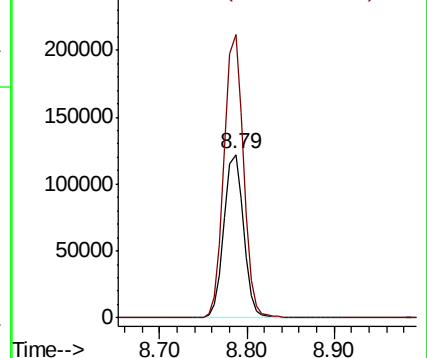
92 100

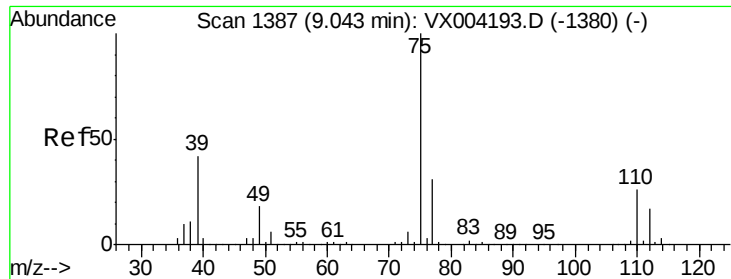
91 171.3 136.4 204.6



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: 19.72 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

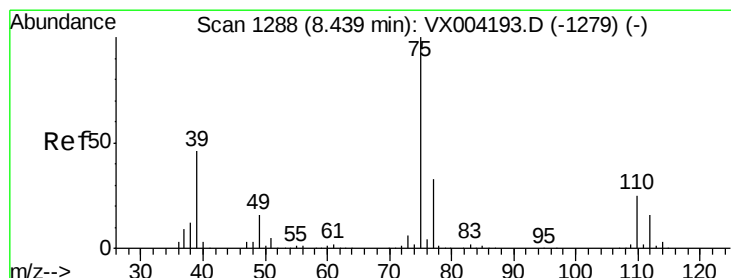
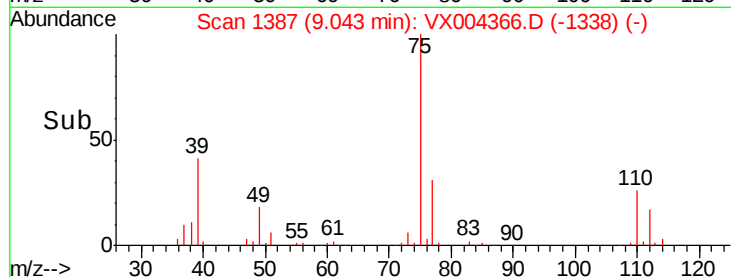
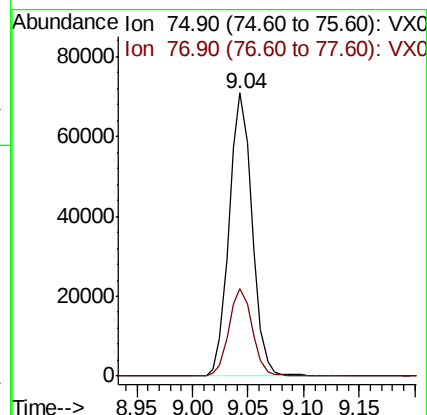
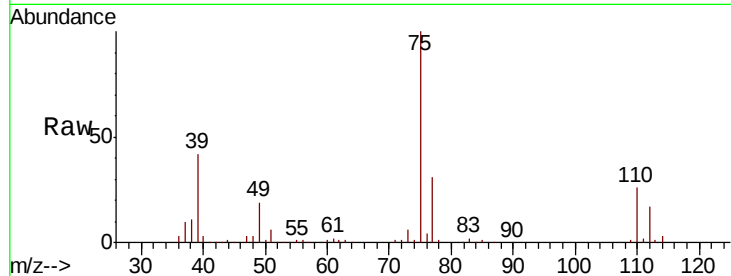
VX0905WBS01

Tot Ion: 75 Resp: 101427

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.52 ug/l

RT: 8.43 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

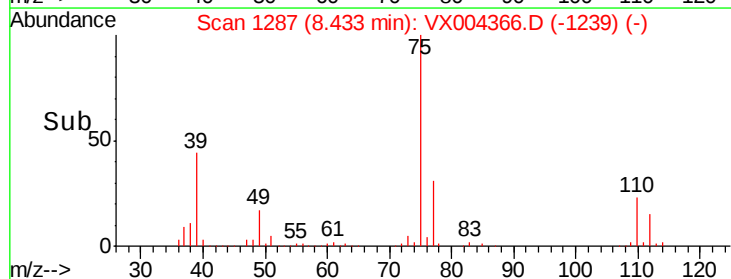
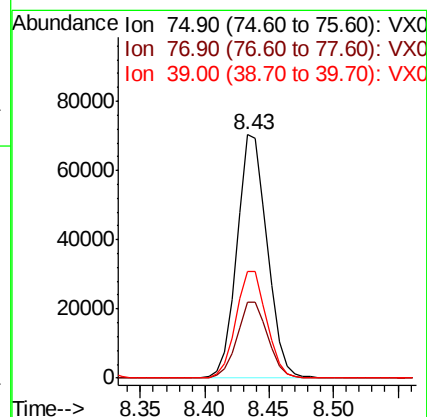
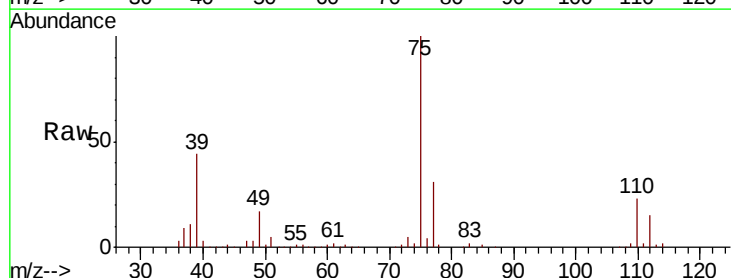
Tgt Ion: 75 Resp: 114975

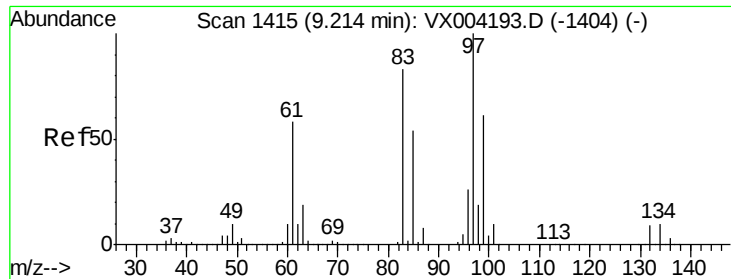
Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

39 43.9 36.4 54.6

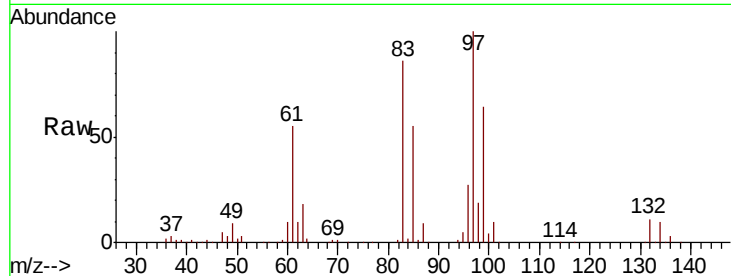




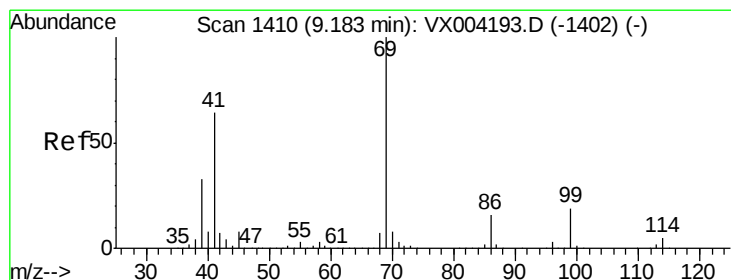
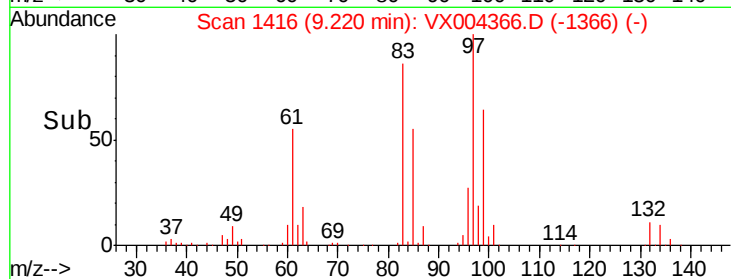
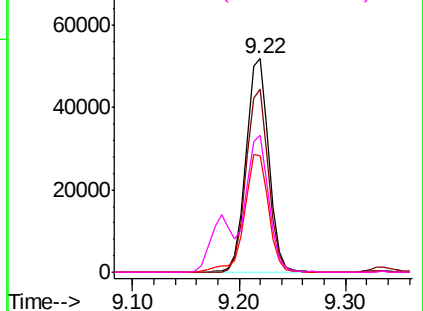
#55
 1,1,2-Trichloroethane
 Concen: 20.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBS01

Tot Ion:	97	Resp:	77771
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.4	99.6
85	54.8	43.3	64.9
99	64.0	49.0	73.4

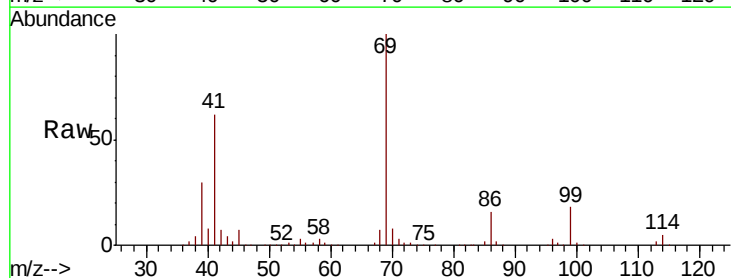


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

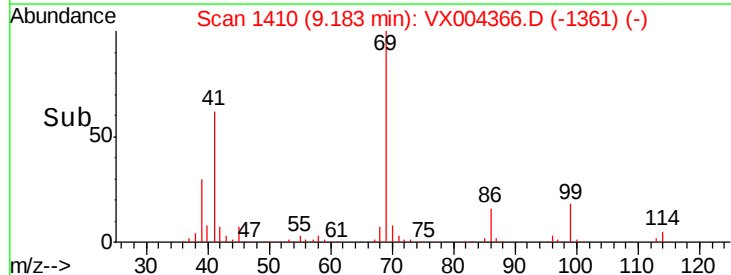
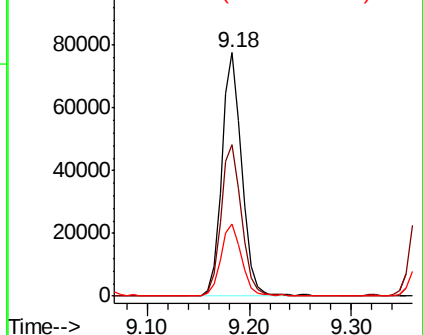


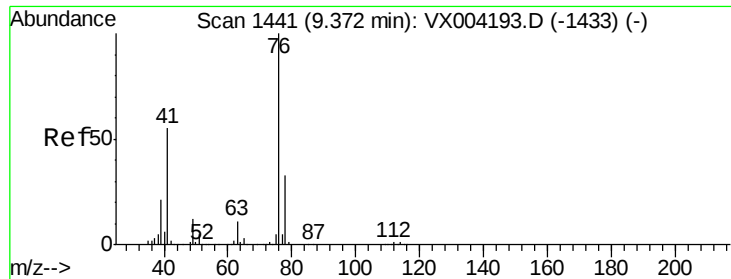
#56
 Ethyl methacrylate
 Concen: 20.51 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion:	69	Resp:	105997
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.0	76.4
39	30.7	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

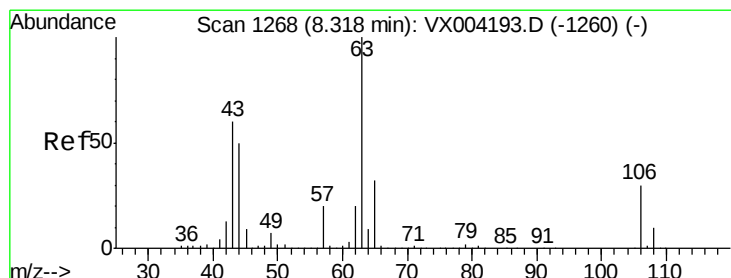
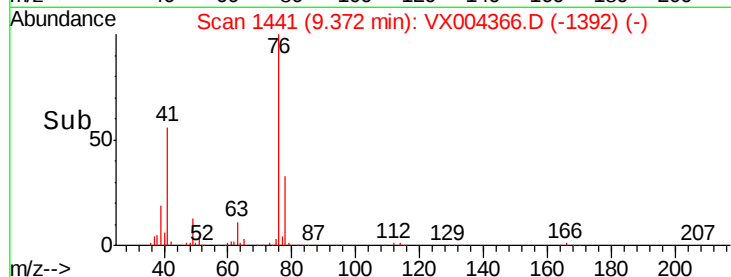
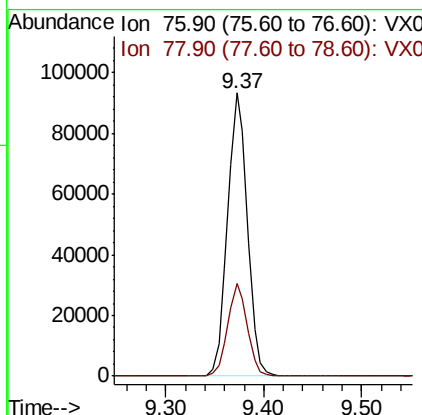
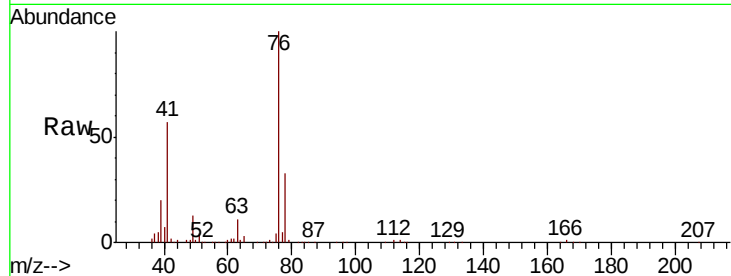




#57
 1,3-Dichloropropane
 Concen: 20.57 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

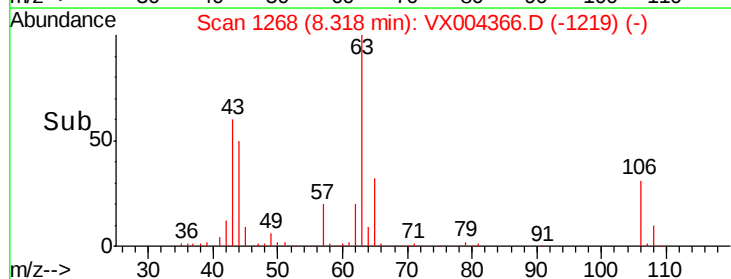
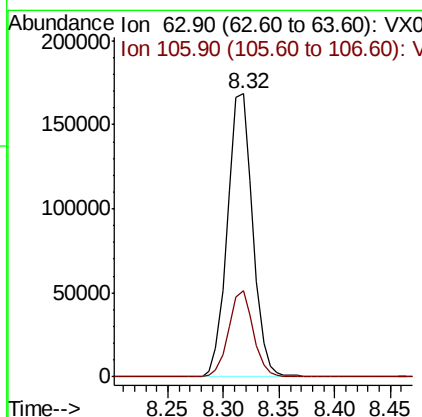
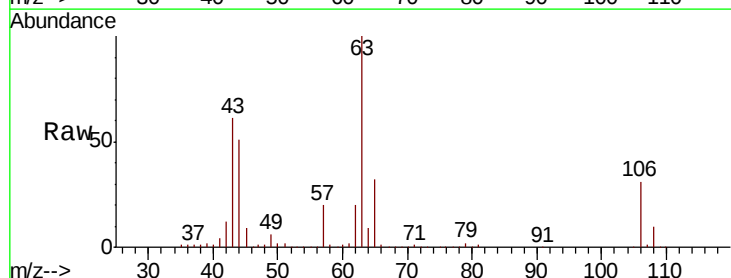
Instrument :
 MSVOA_X
 ClientSampled :
 VX0905WBS01

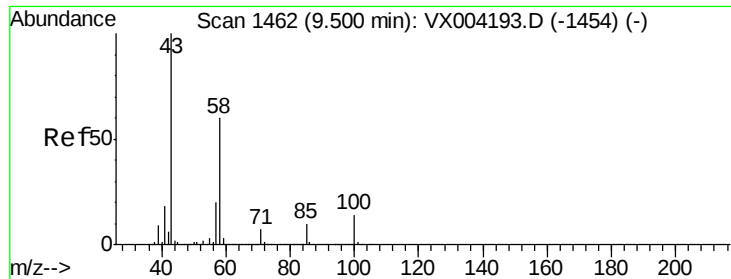
Tot Ion: 76 Resp: 131631
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.13 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion: 63 Resp: 265090
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.9 35.9

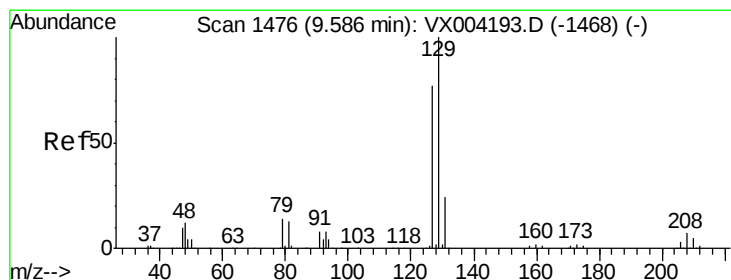
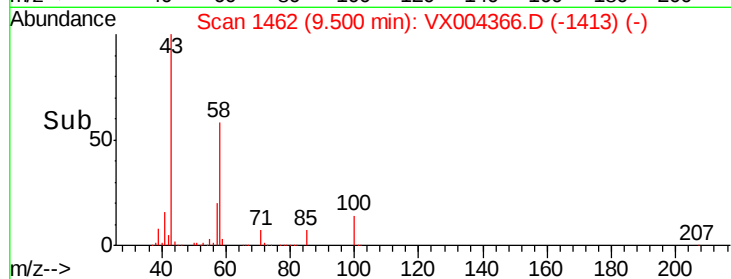
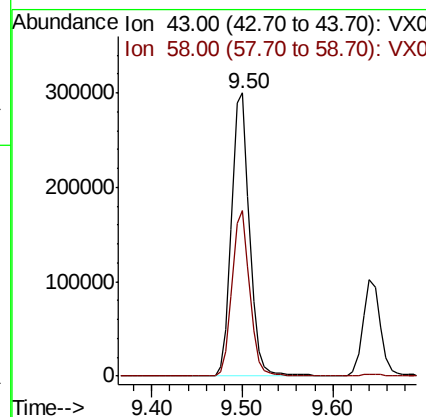
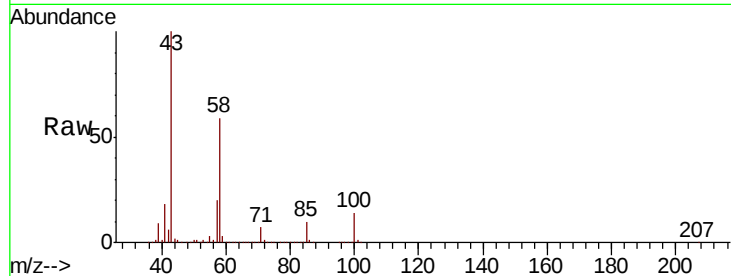




#59
2-Hexanone
Concen: 98.35 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

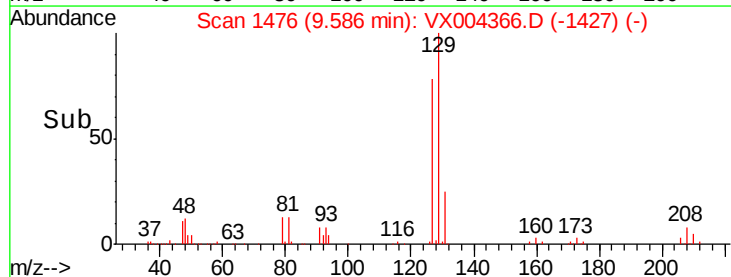
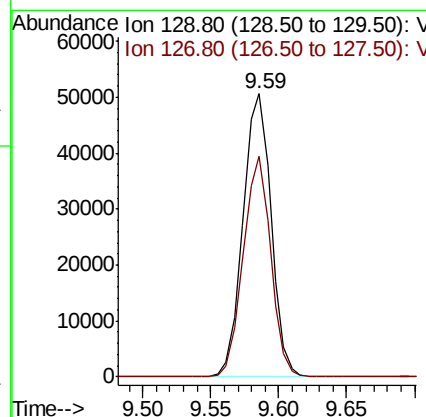
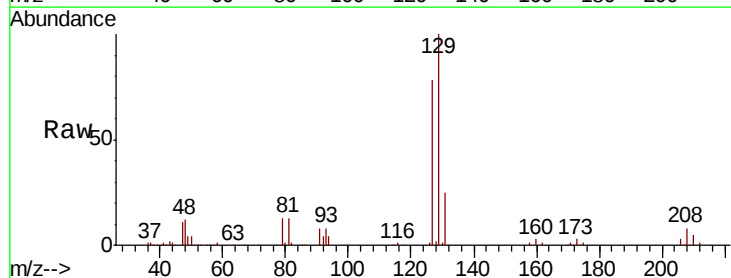
Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

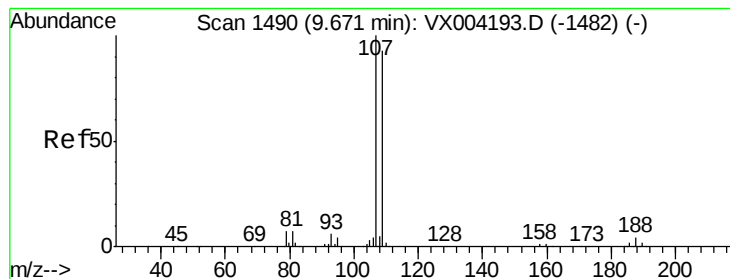
Tot Ion: 43 Resp: 414131
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.0



#60
Dibromochloromethane
Concen: 19.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion: 129 Resp: 73126
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.12 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

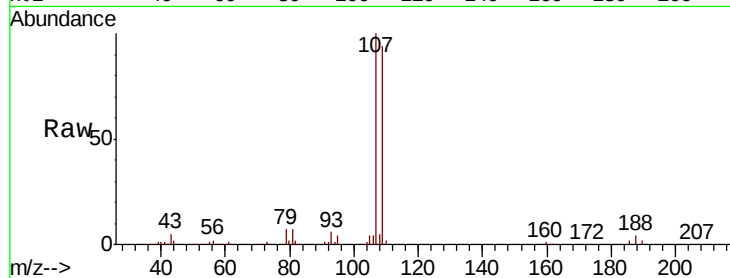
VX0905WBS01

Tot Ion:107 Resp: 79040

Ion Ratio Lower Upper

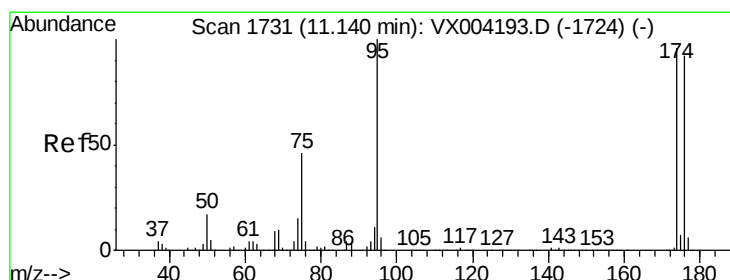
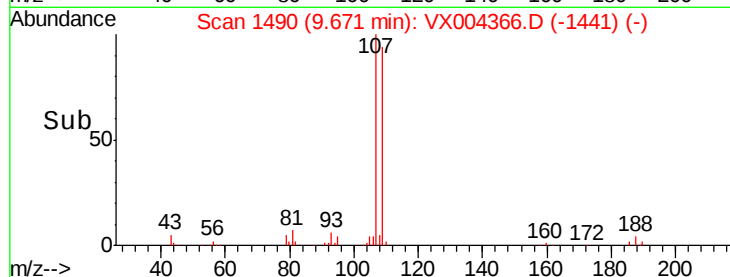
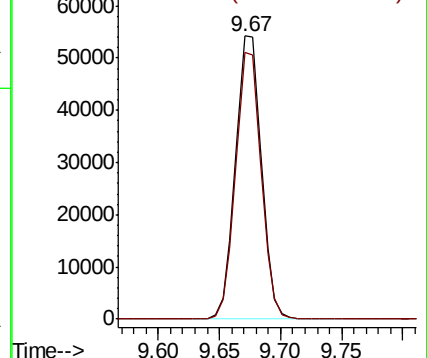
107 100

109 93.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

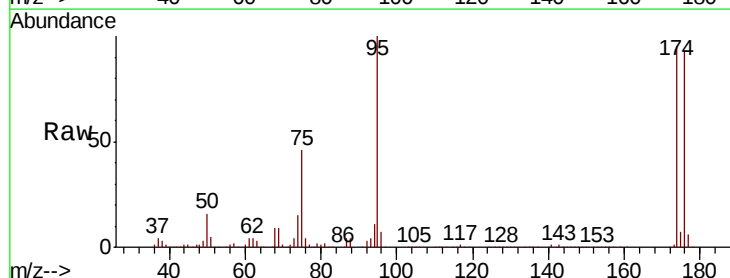
Tgt Ion: 95 Resp: 232193

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

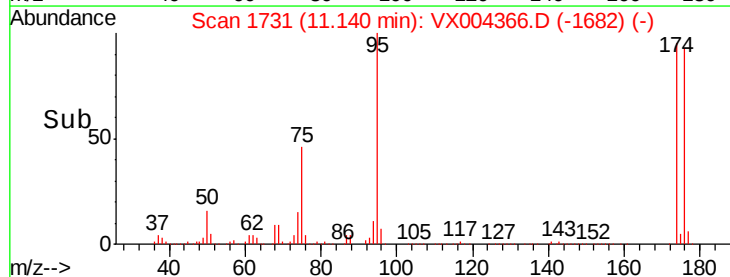
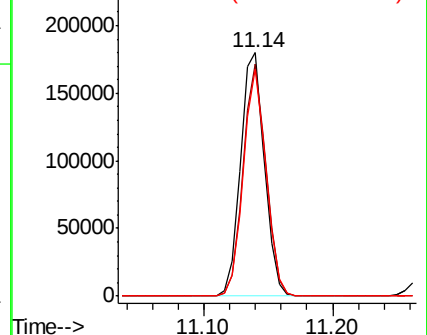
176 88.5 0.0 178.6

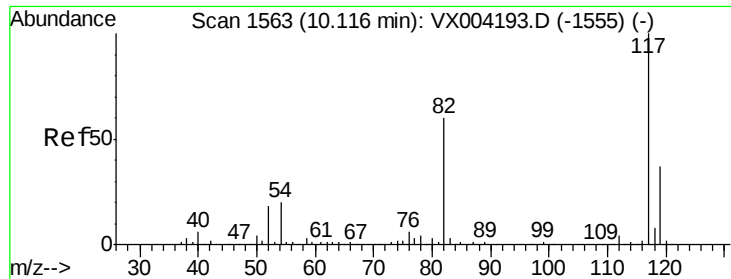


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

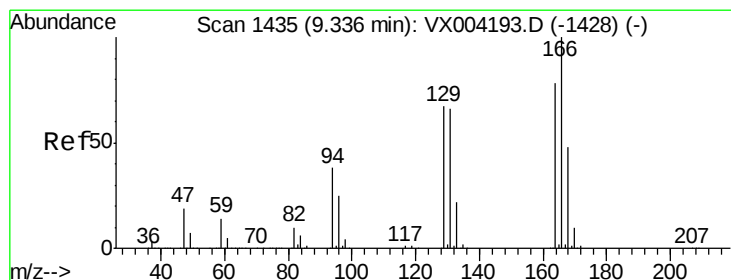
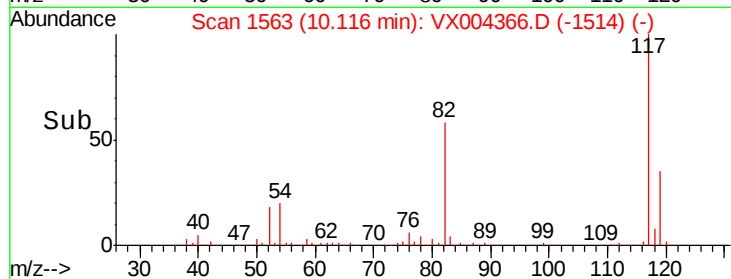
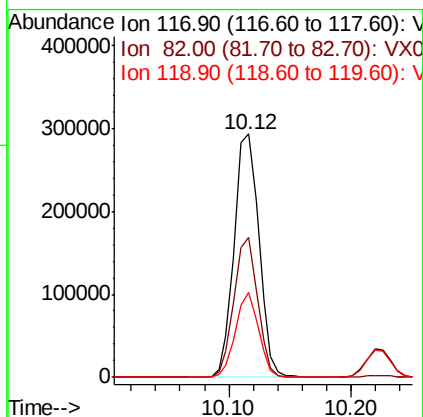
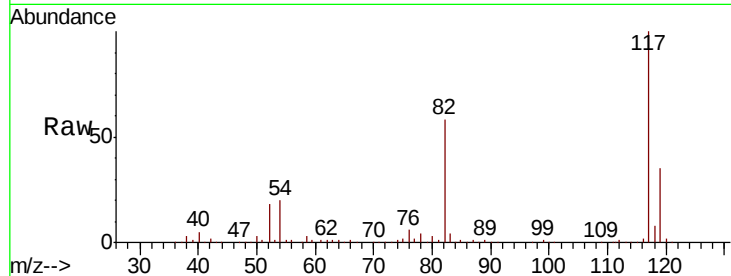




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

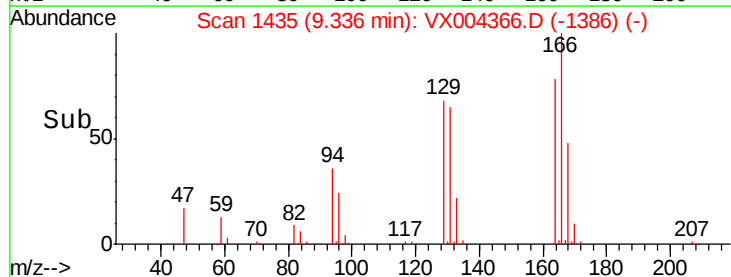
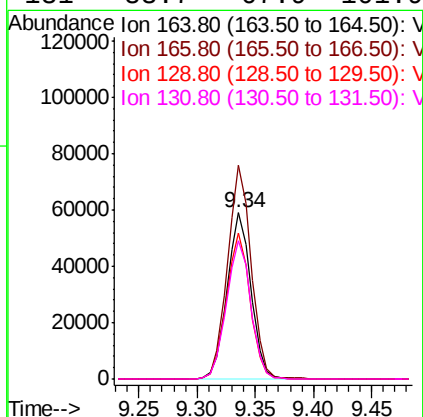
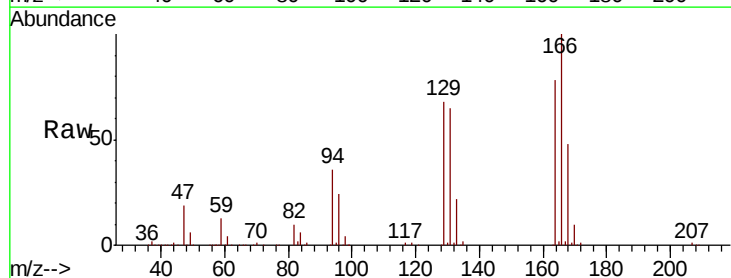
Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

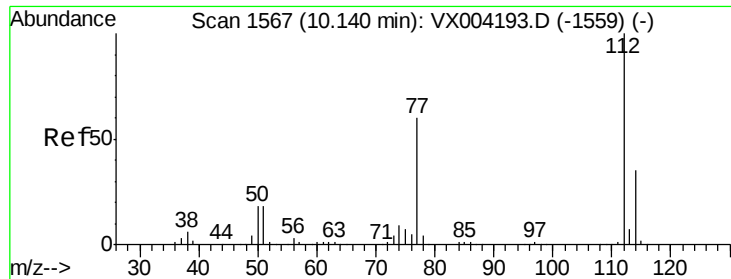
Tot Ion:117 Resp: 411291
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 35.0 29.3 43.9



#64
Tetrachloroethene
Concen: 20.68 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion:164 Resp: 84018
Ion Ratio Lower Upper
164 100
166 128.8 102.8 154.2
129 88.2 69.4 104.0
131 83.7 67.9 101.9

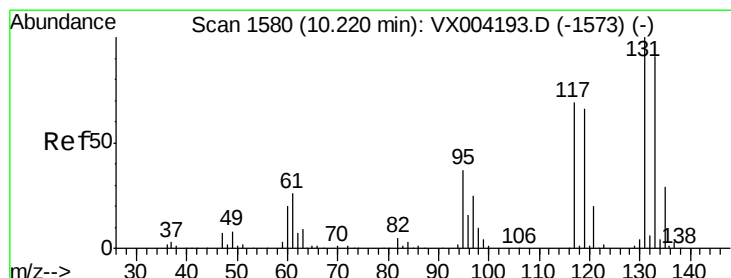
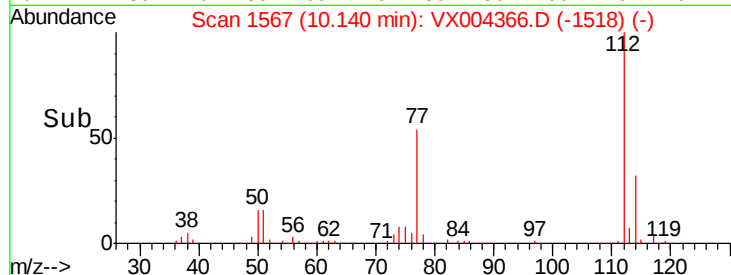
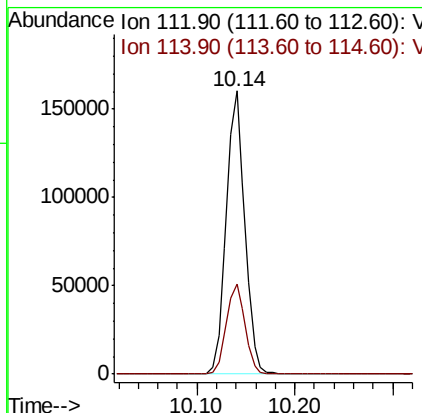
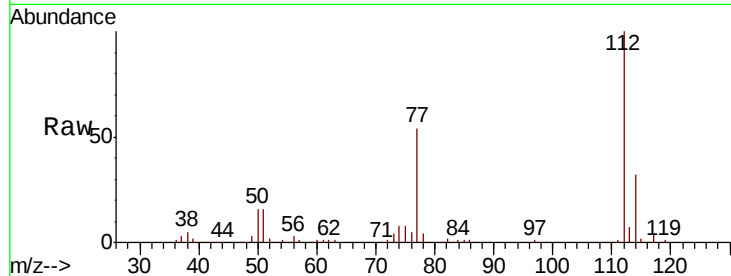




#65
Chlorobenzene
Concen: 20.50 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

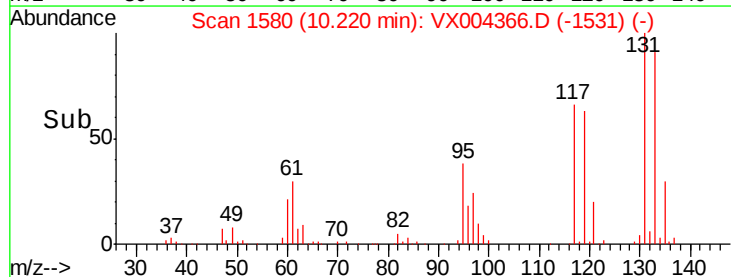
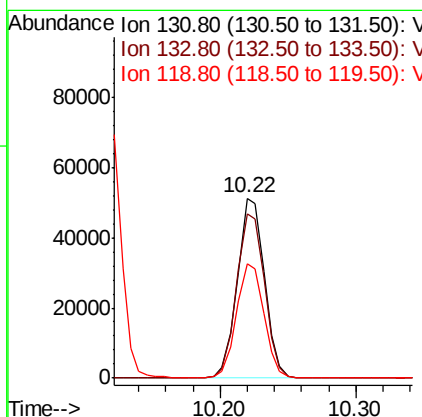
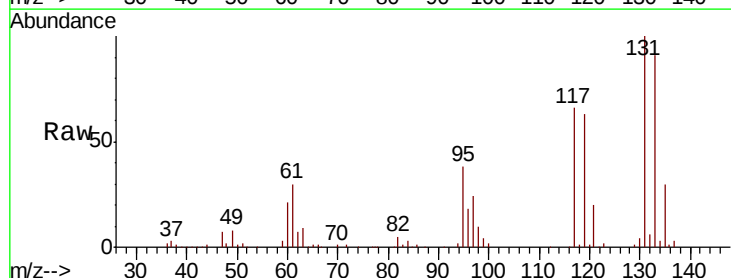
Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

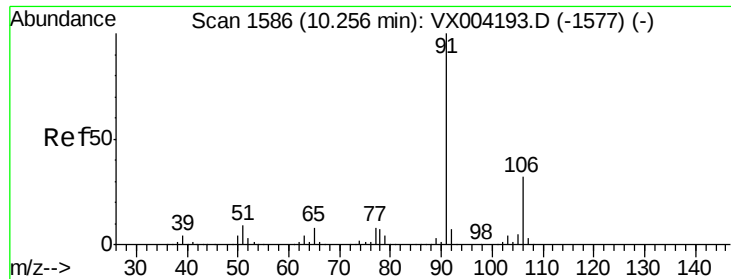
Tot Ion:112 Resp: 211625
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.01 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion:131 Resp: 71249
Ion Ratio Lower Upper
131 100
133 93.8 48.1 144.4
119 64.7 32.9 98.6

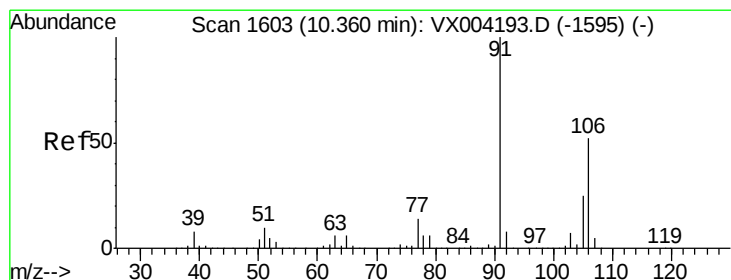
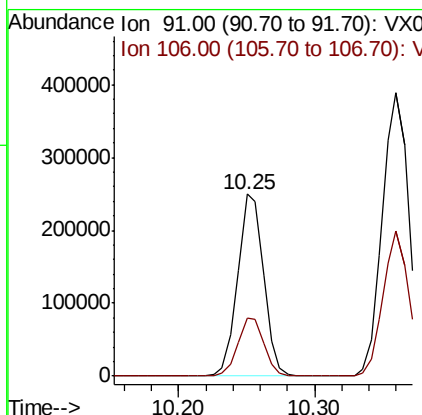
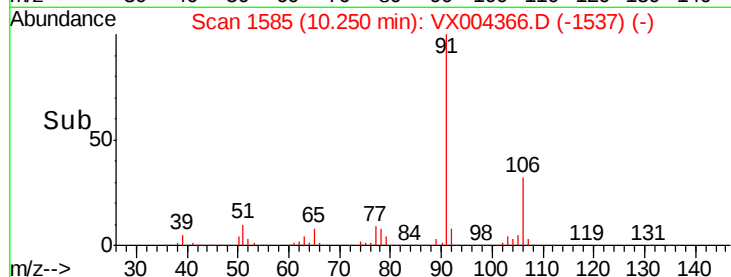
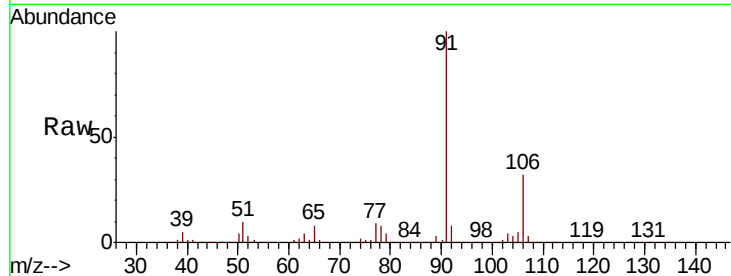




#67
Ethyl Benzene
Concen: 19.80 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

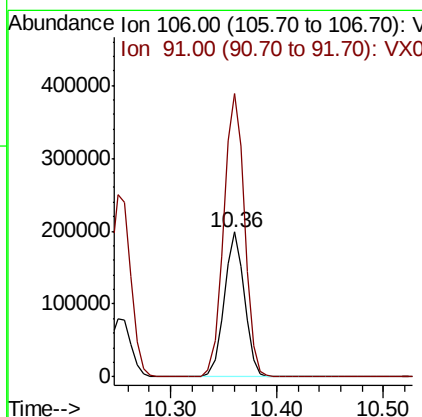
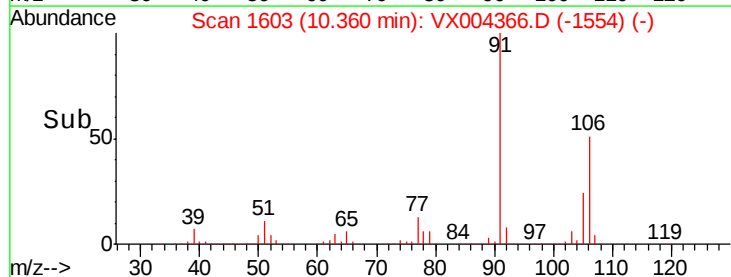
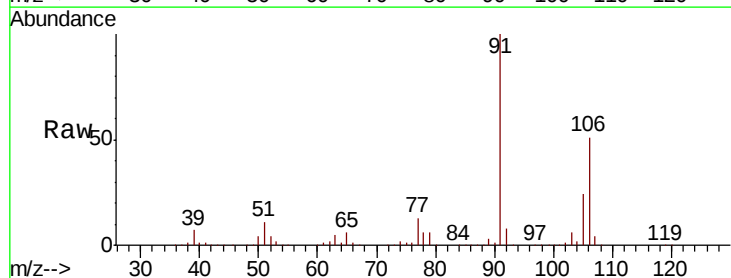
Instrument :
MSVOA_X
ClientSampled :
VX0905WBS01

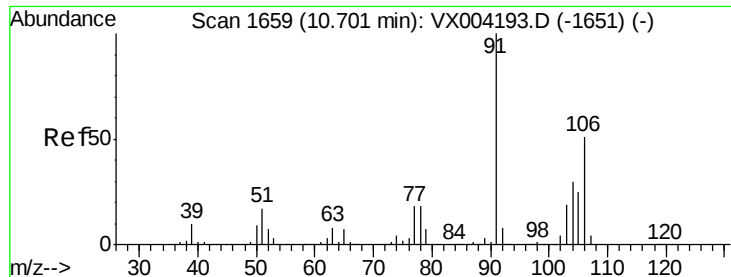
Tot Ion: 91 Resp: 331853
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 40.16 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion: 106 Resp: 263280
Ion Ratio Lower Upper
106 100
91 202.4 157.1 235.7

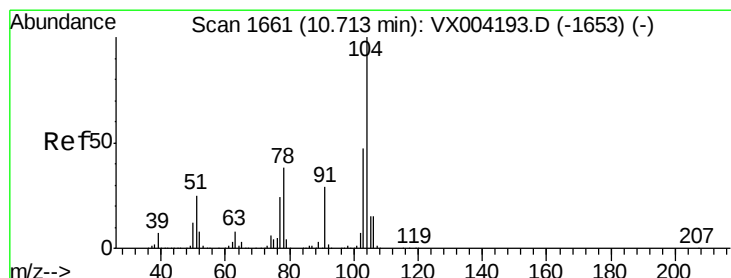
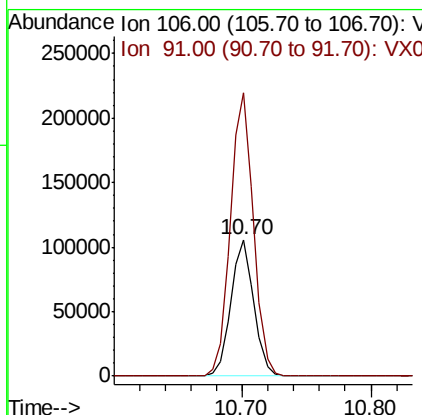
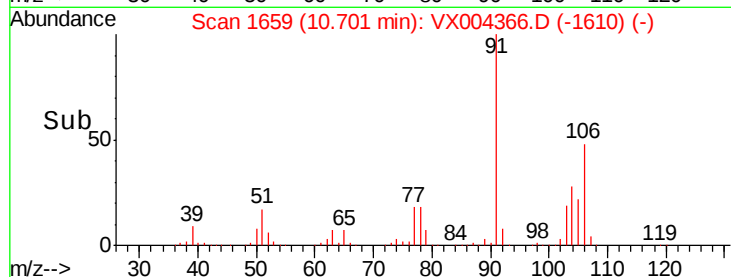
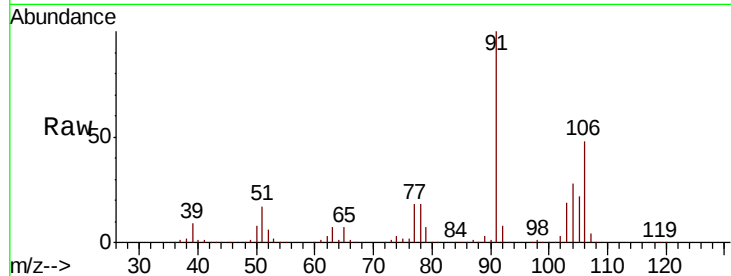




#69
o-Xylene
Concen: 21.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

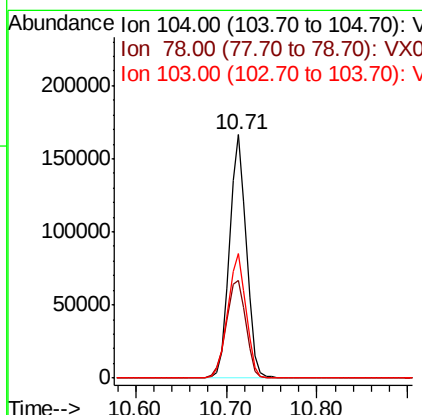
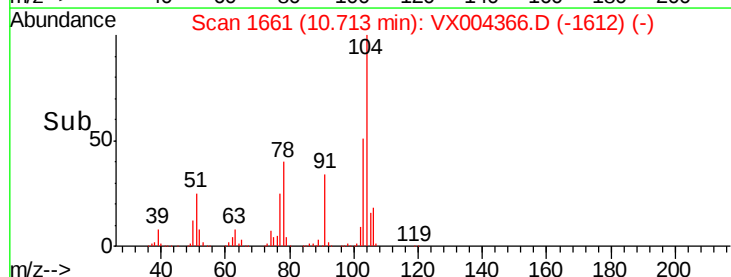
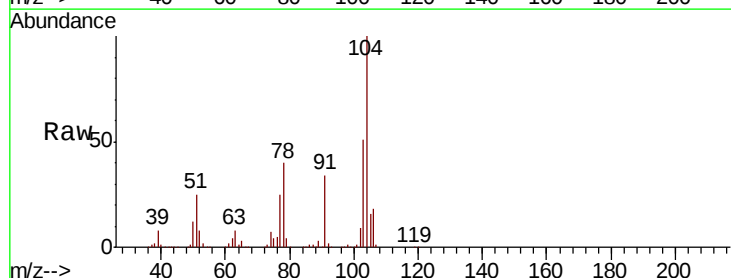
Instrument :
MSVOA_X
ClientSampled :
VX0905WBS01

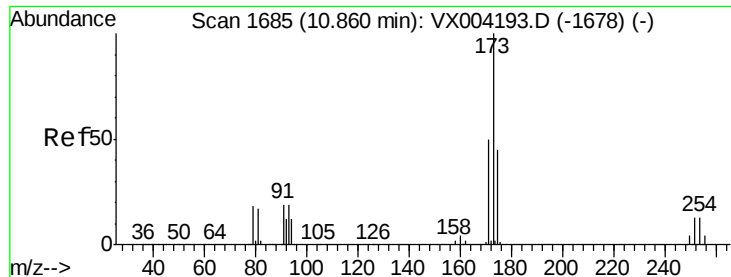
Tot Ion:106 Resp: 131615
Ion Ratio Lower Upper
106 100
91 209.7 105.1 315.1



#70
Styrene
Concen: 21.37 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion:104 Resp: 214502
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 55.5 43.8 65.6

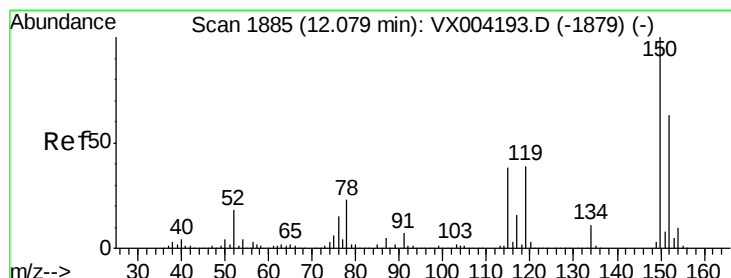
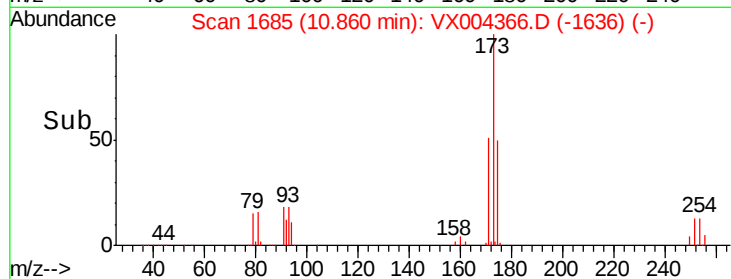
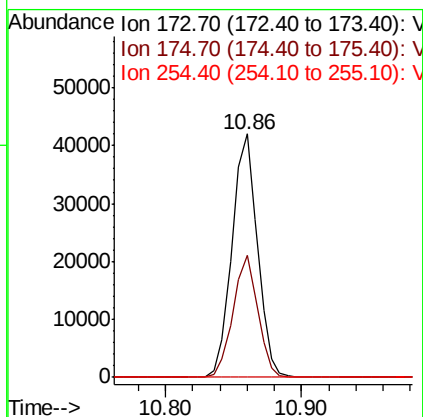
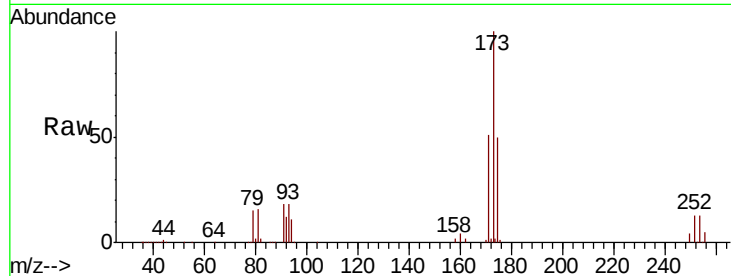




#71
Bromoform
Concen: 19.07 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

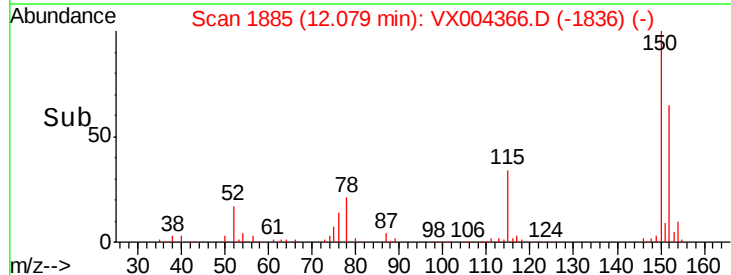
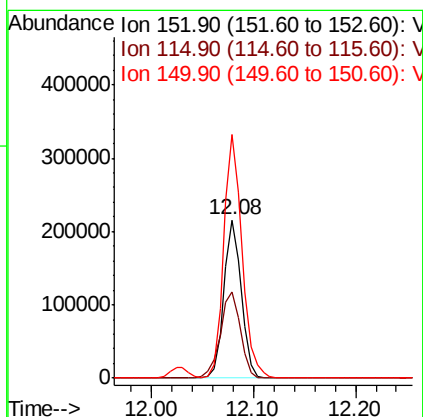
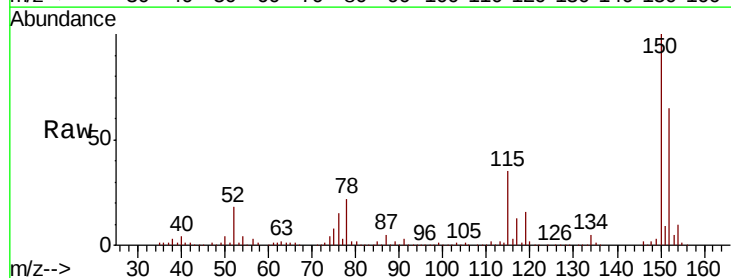
Instrument :
MSVOA_X
ClientSampleId :
VX0905WBS01

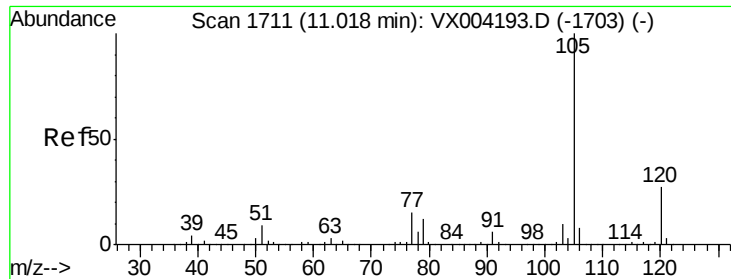
Tot Ion:173 Resp: 54724
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion:152 Resp: 254657
Ion Ratio Lower Upper
152 100
115 63.8 39.0 117.0
150 162.4 0.0 351.0





#73

Isopropylbenzene

Concen: 21.36 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

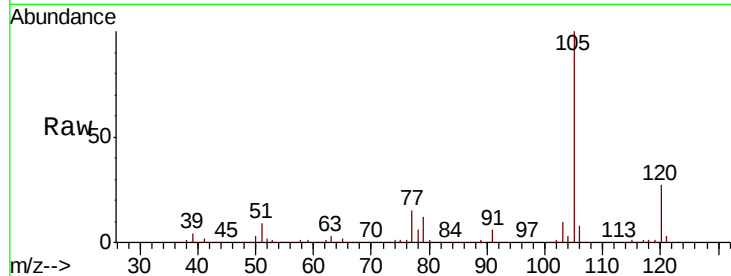
VX0905WBS01

Tot Ion:105 Resp: 357258

Ion Ratio Lower Upper

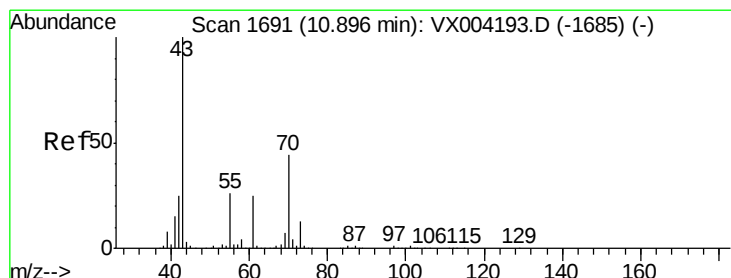
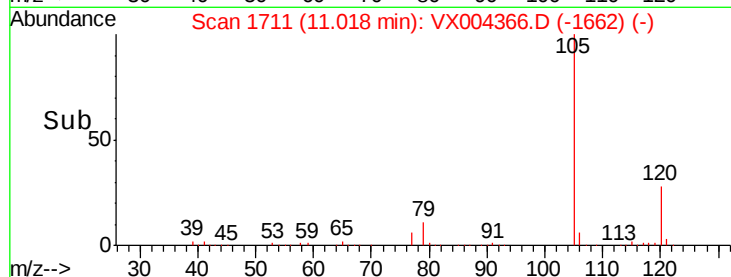
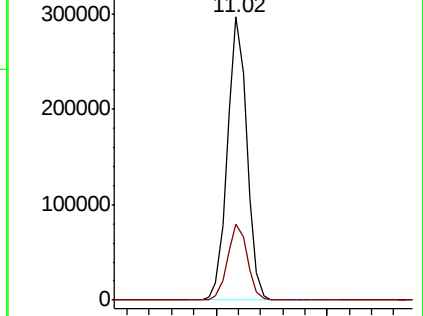
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.09 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Tgt Ion: 43 Resp: 129366

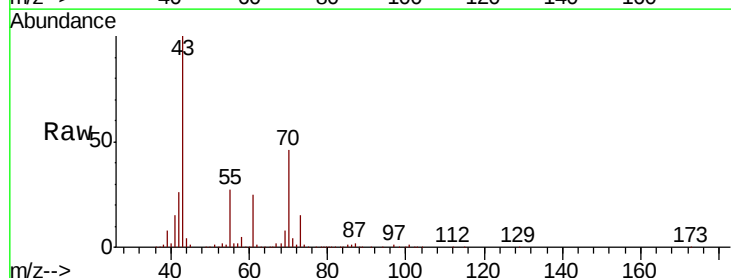
Ion Ratio Lower Upper

43 100

70 45.3 37.4 56.0

55 27.8 21.8 32.8

61 25.3 20.6 30.8

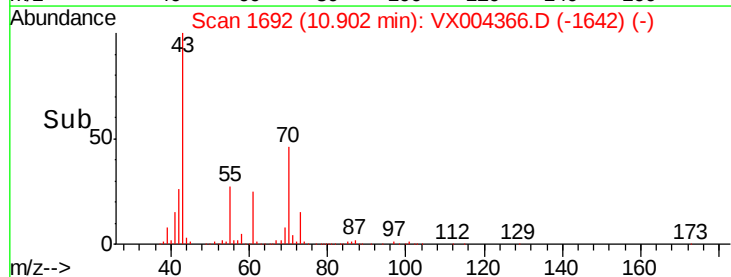
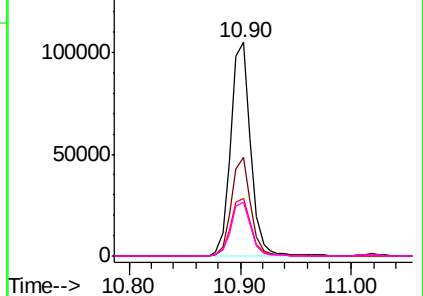


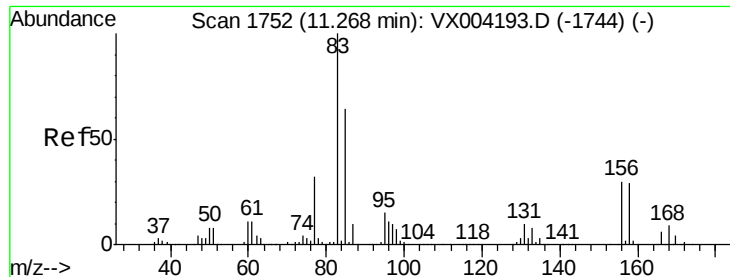
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

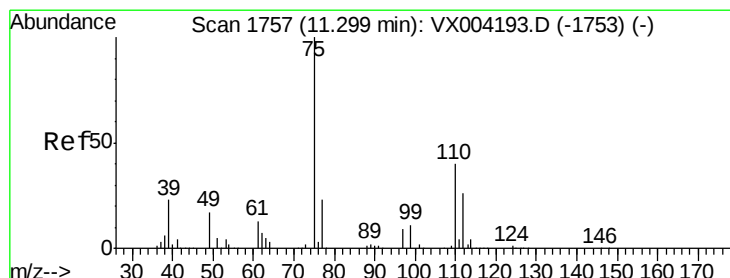
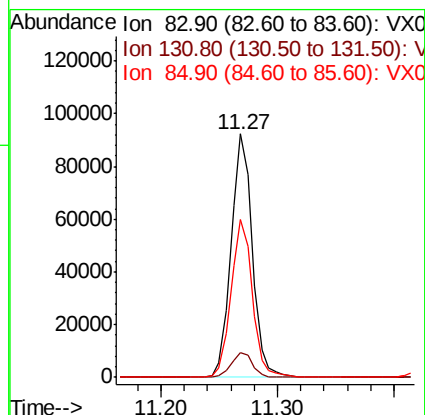
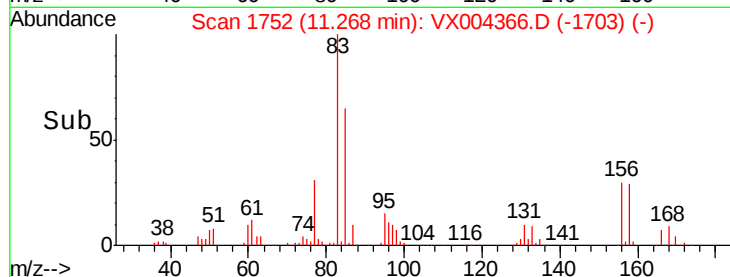
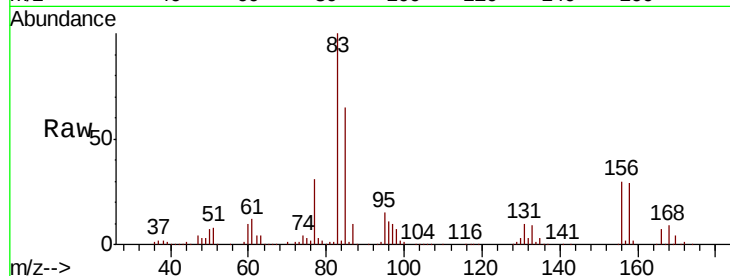
Tot Ion: 83 Resp: 117056

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 65.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 25.29 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004366.D

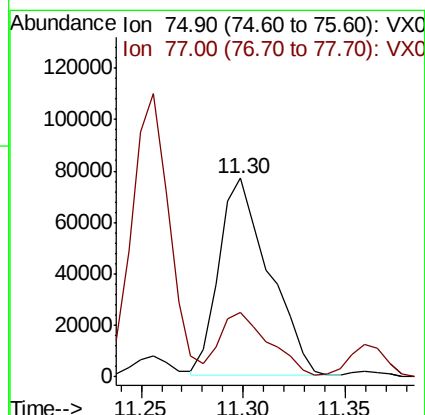
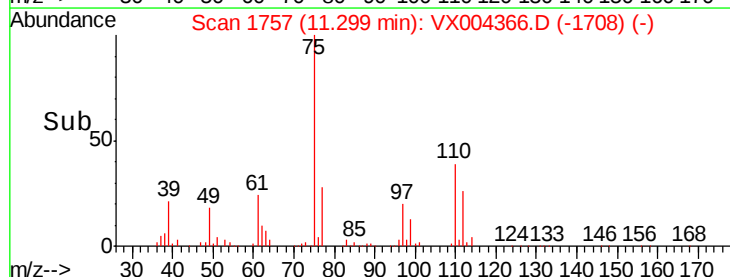
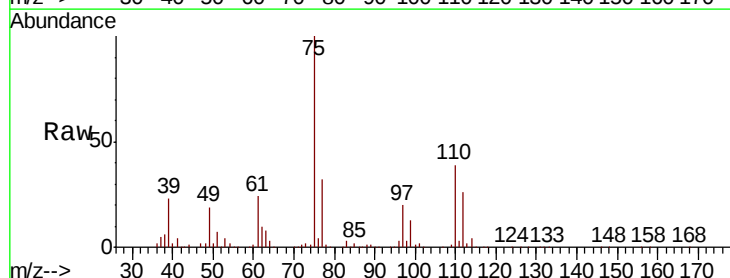
Acq: 05 Sep 2018 12:42

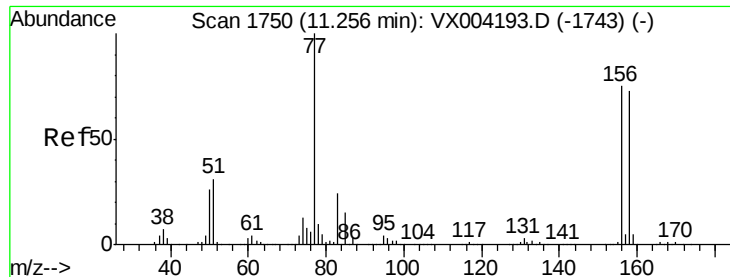
Tgt Ion: 75 Resp: 131002

Ion Ratio Lower Upper

75 100

77 32.2 20.2 60.6





#77

Bromobenzene

Concen: 20.64 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

VX0905WBS01

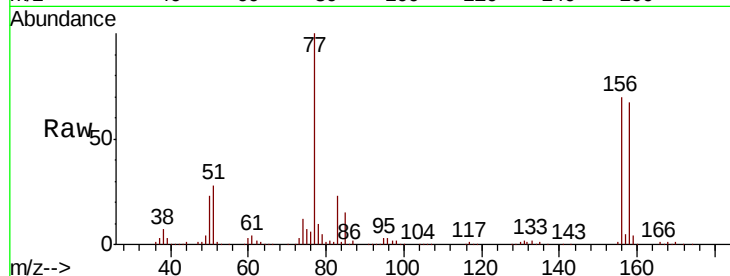
Tot Ion:156 Resp: 96825

Ion Ratio Lower Upper

156 100

77 145.7 71.5 214.3

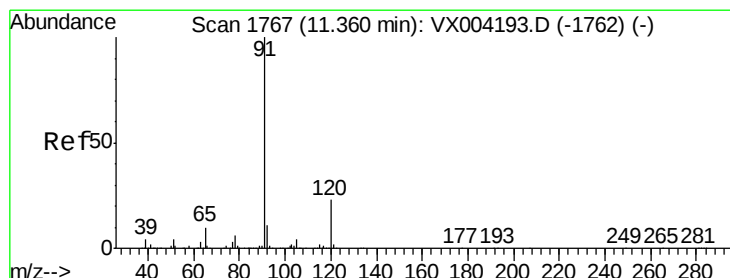
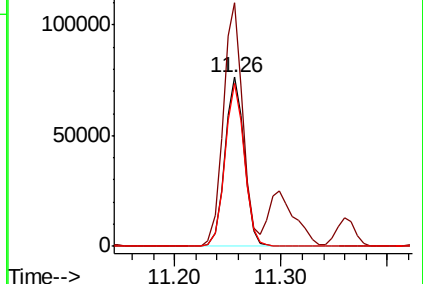
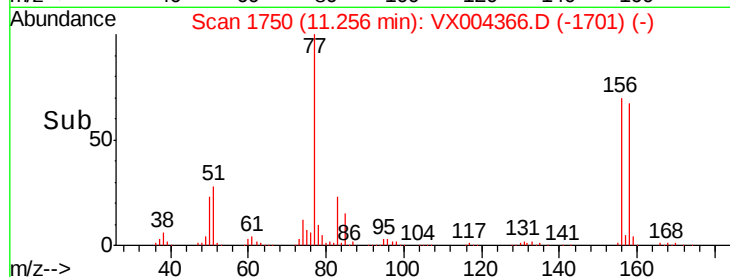
158 97.0 48.9 146.8



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: 21.40 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004366.D

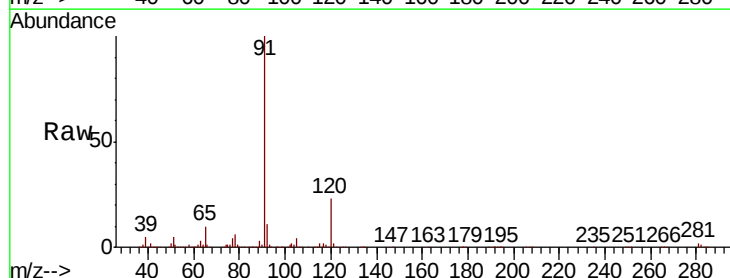
Acq: 05 Sep 2018 12:42

Tgt Ion: 91 Resp: 411708

Ion Ratio Lower Upper

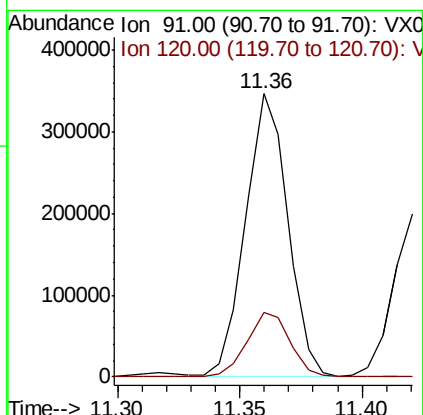
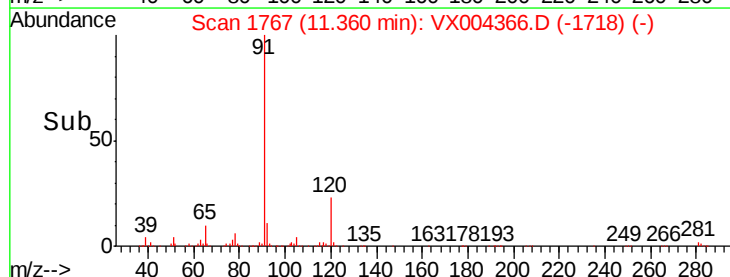
91 100

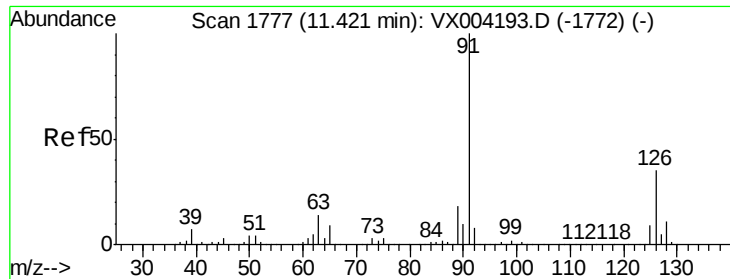
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.82 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

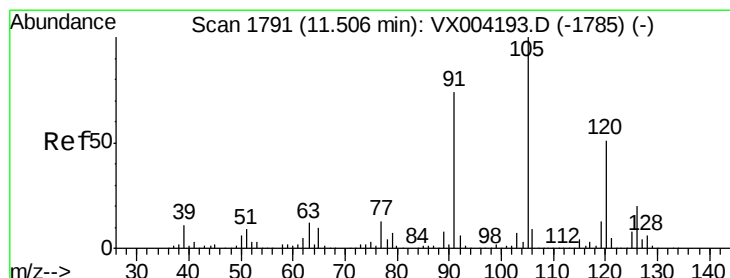
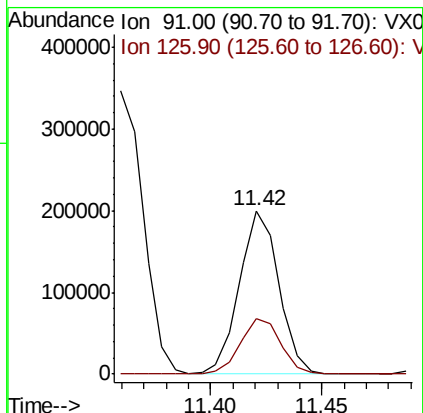
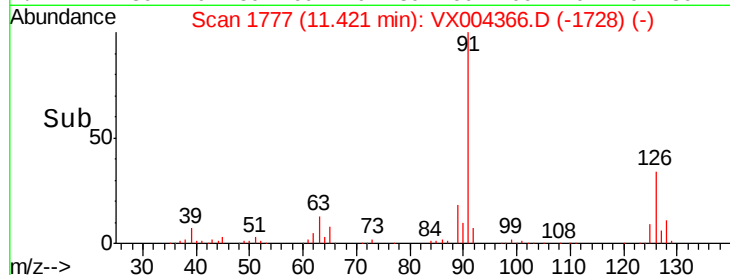
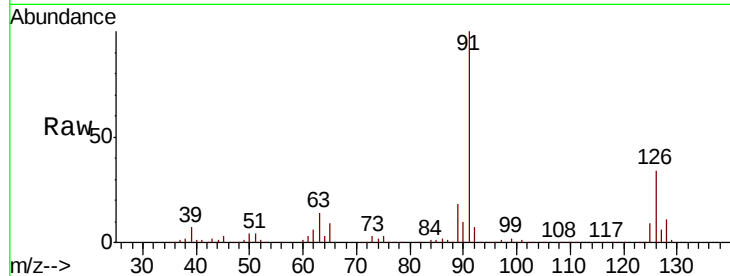
VX0905WBS01

Tot Ion: 91 Resp: 246493

Ion Ratio Lower Upper

91 100

126 34.8 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 21.50 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004366.D

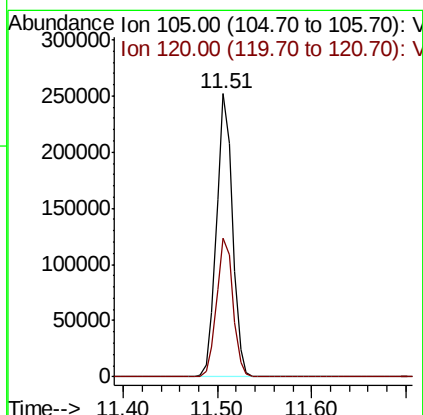
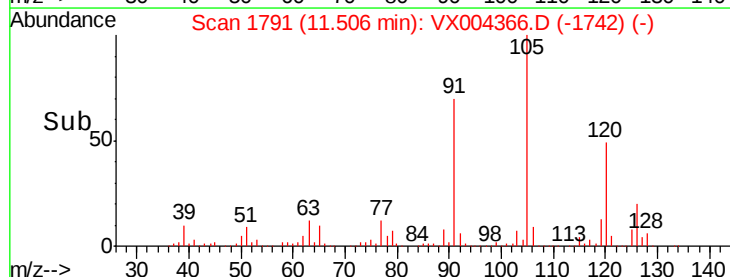
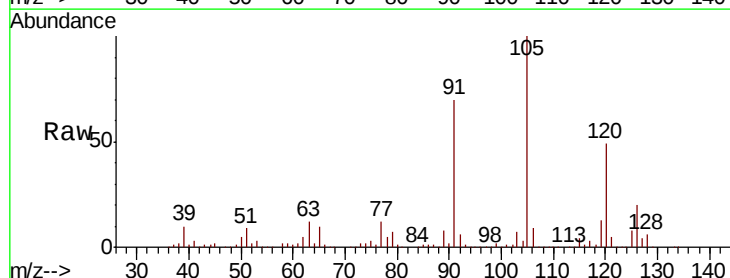
Acq: 05 Sep 2018 12:42

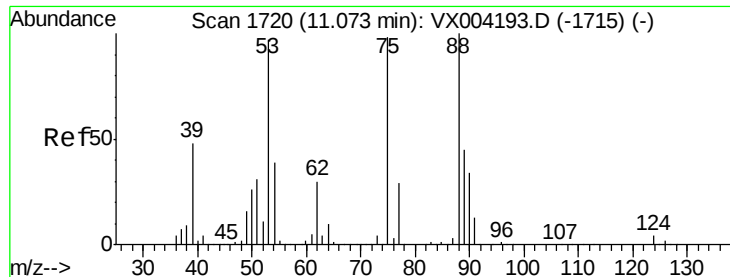
Tgt Ion:105 Resp: 297781

Ion Ratio Lower Upper

105 100

120 50.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.35 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

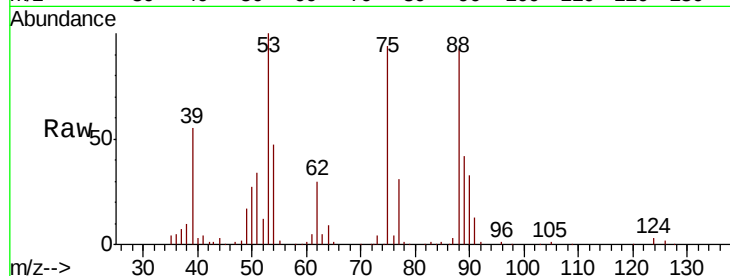
Tot Ion: 75 Resp: 30884

Ion Ratio Lower Upper

75 100

53 104.9 80.1 120.1

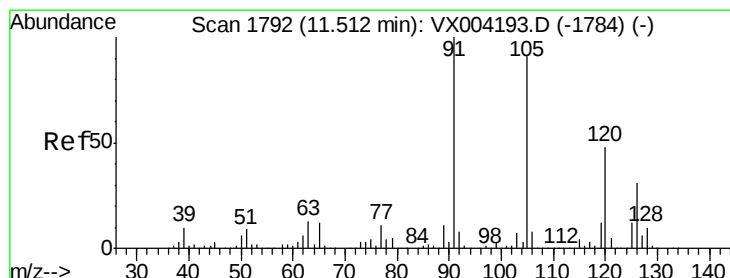
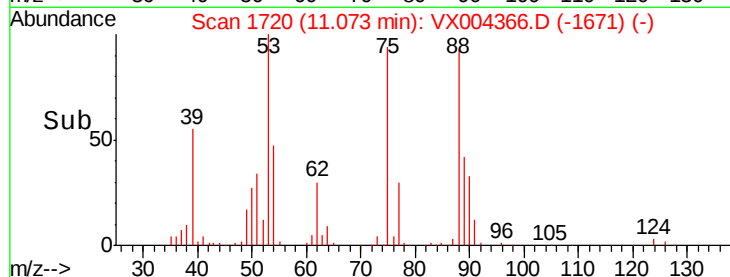
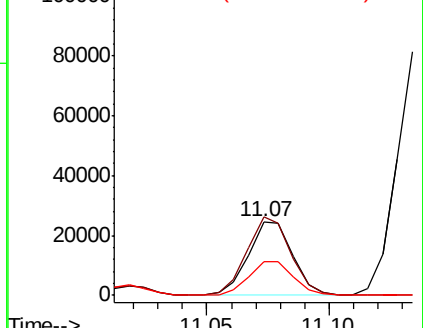
89 46.4 37.2 55.8



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: 20.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004366.D

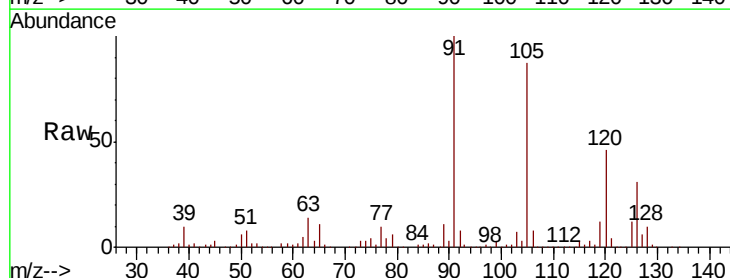
Acq: 05 Sep 2018 12:42

Tgt Ion: 91 Resp: 281321

Ion Ratio Lower Upper

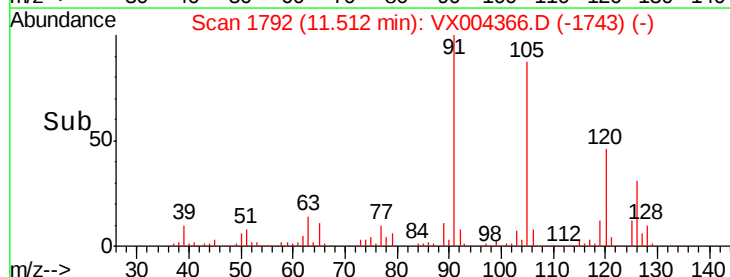
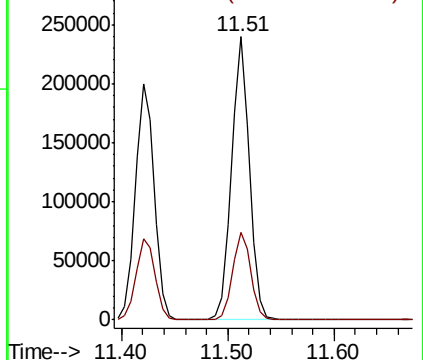
91 100

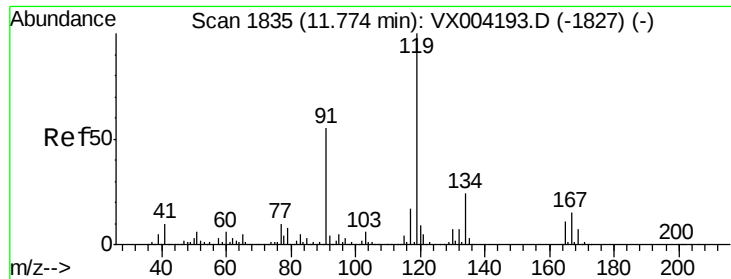
126 31.8 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

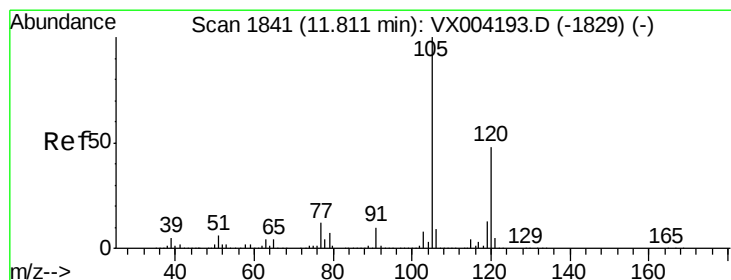
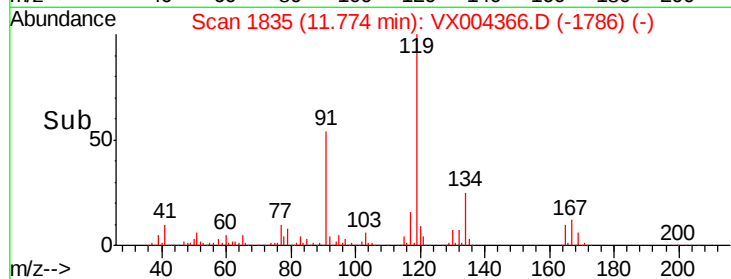
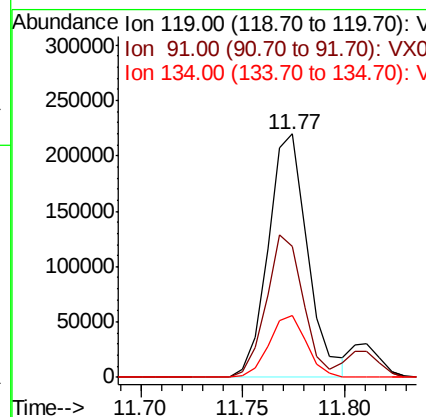
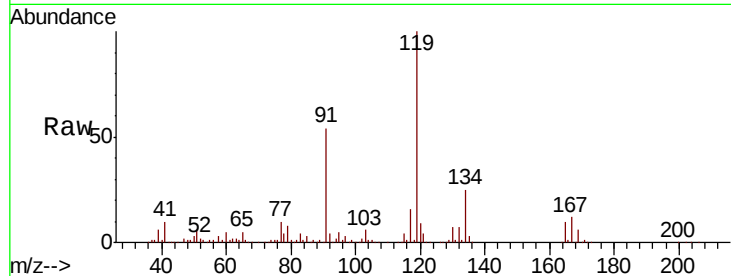




#83
 tert-Butylbenzene
 Concen: 21.25 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

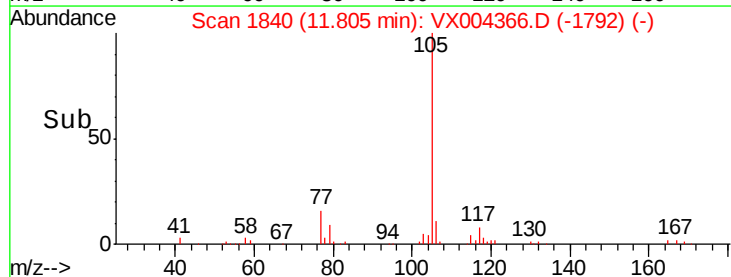
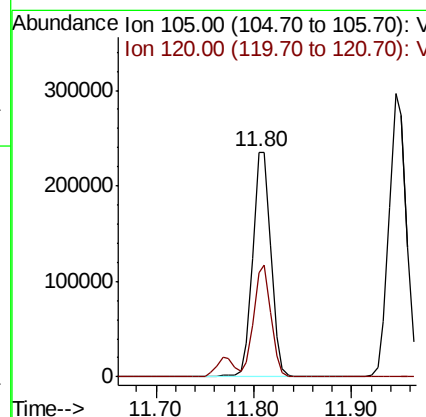
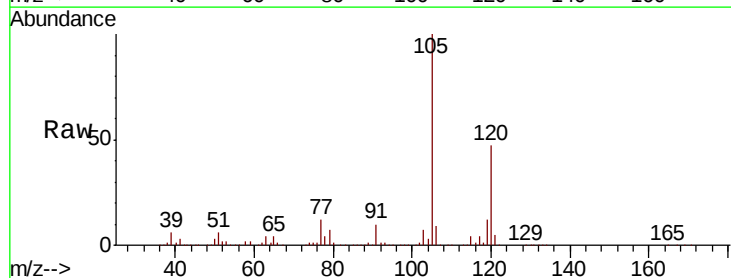
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBS01

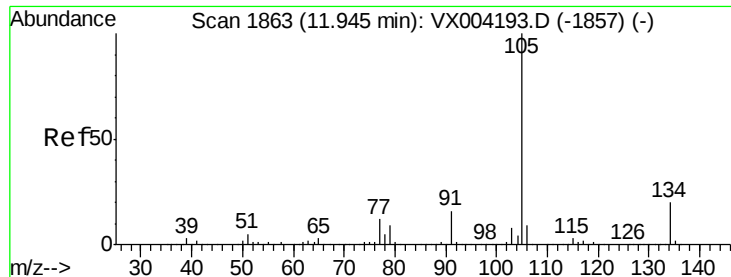
Tot Ion:119 Resp: 296101
 Ion Ratio Lower Upper
 119 100
 91 54.8 27.0 81.0
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.43 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion:105 Resp: 304726
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.09 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

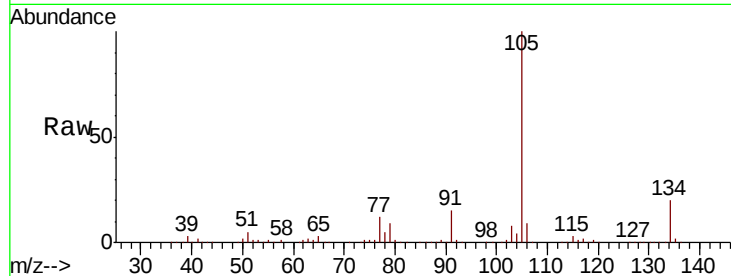
VX0905WBS01

Tot Ion:105 Resp: 365420

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

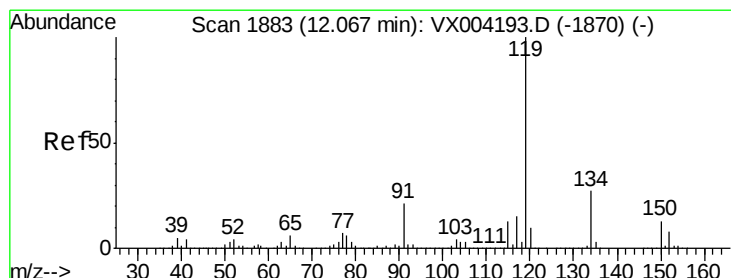
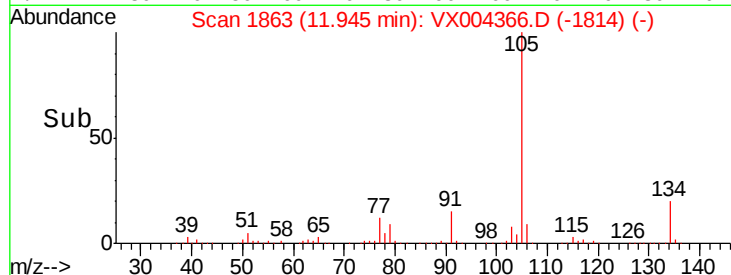
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.03 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

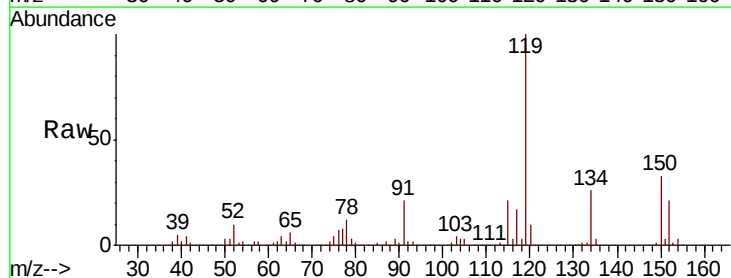
Tgt Ion:119 Resp: 326682

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.0 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

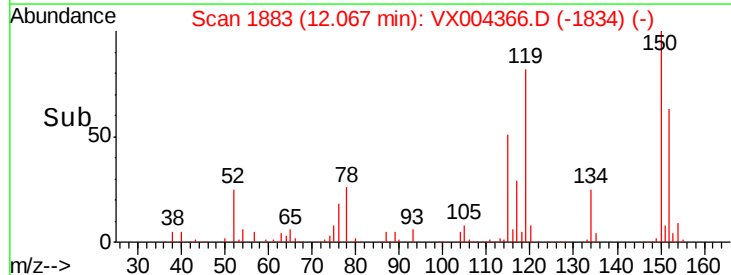
300000

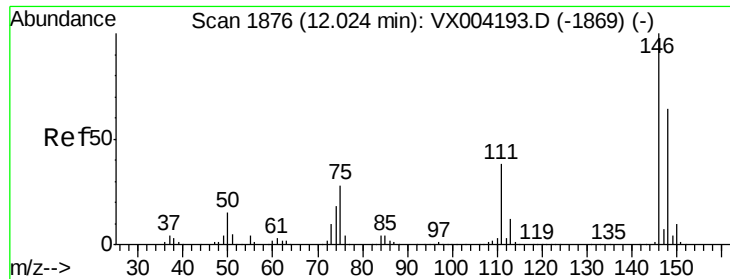
200000

100000

0

Time-->

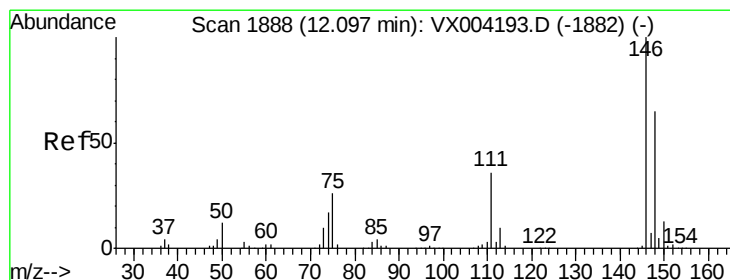
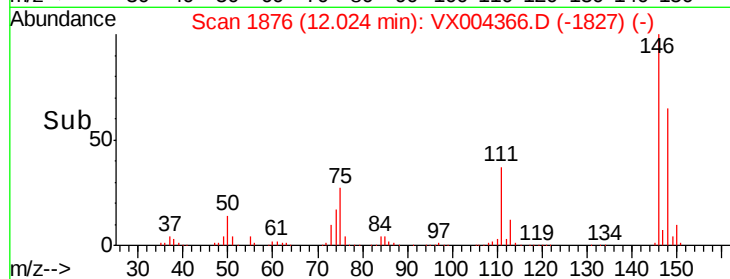
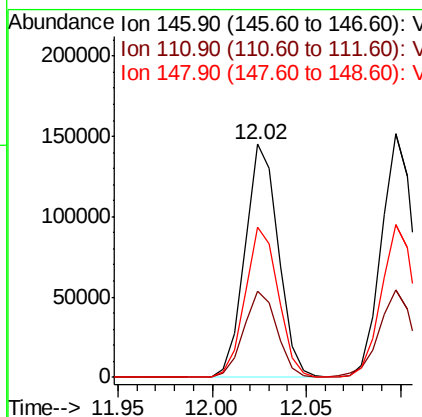
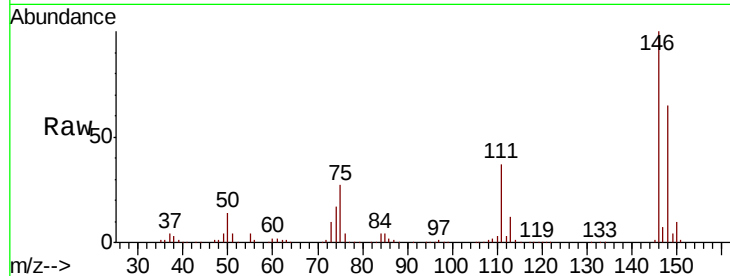




#87
 1,3-Dichlorobenzene
 Concen: 20.19 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

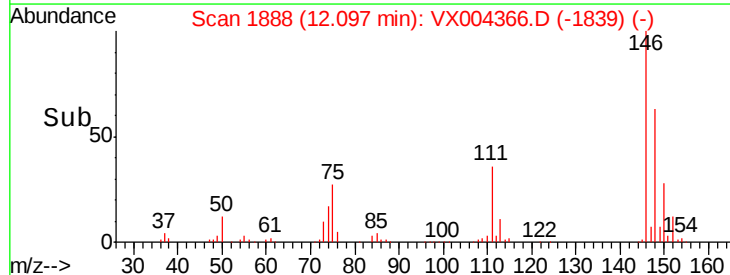
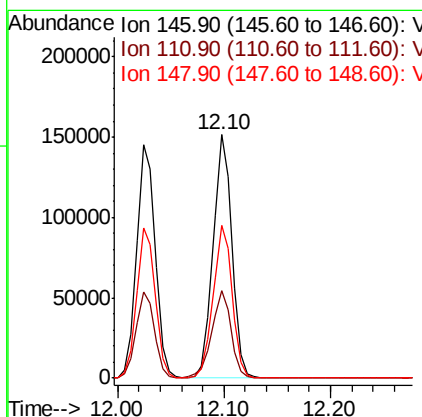
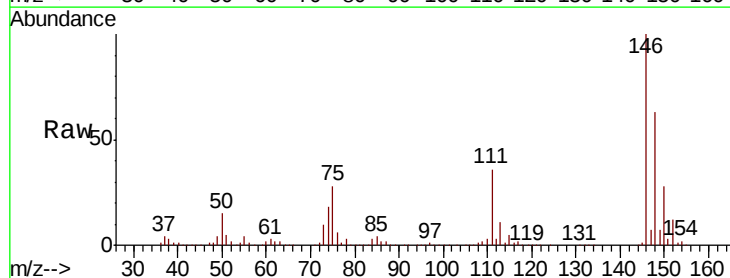
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905WBS01

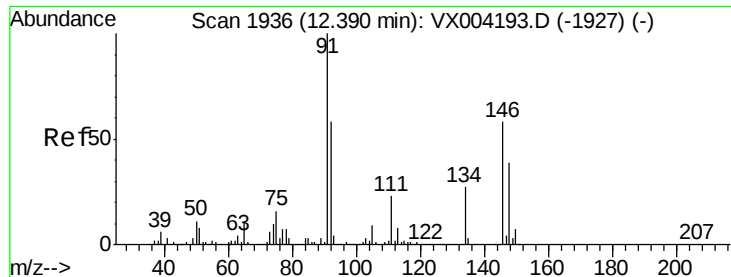
Tot Ion:146 Resp: 178378
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.65 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion:146 Resp: 183053
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 63.7 32.0 96.0

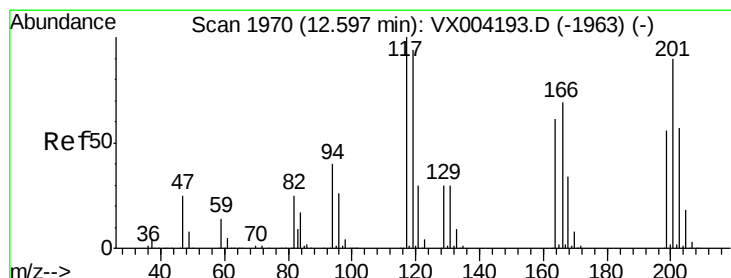
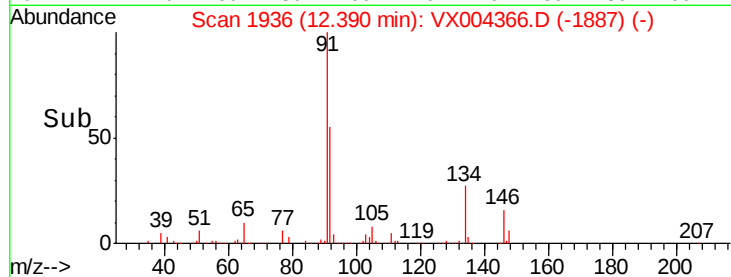
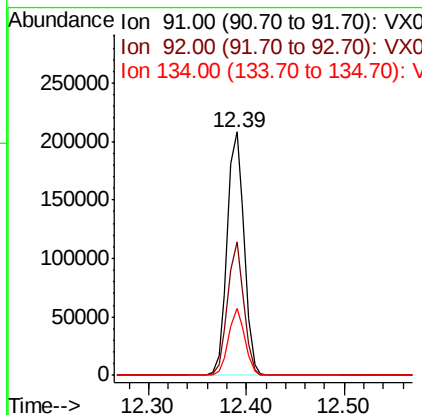
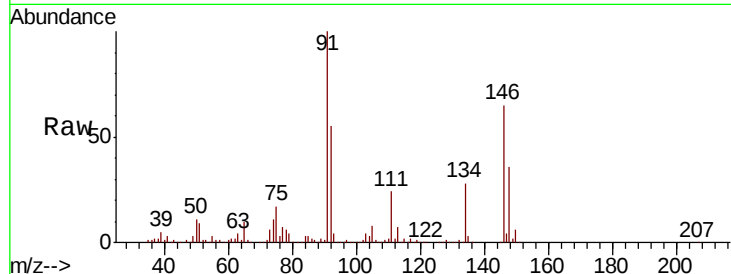




#89
n-Butylbenzene
Concen: 20.84 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

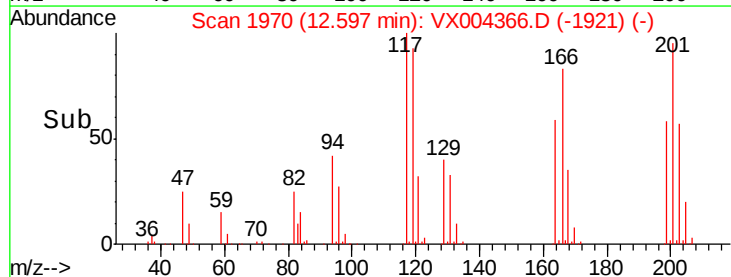
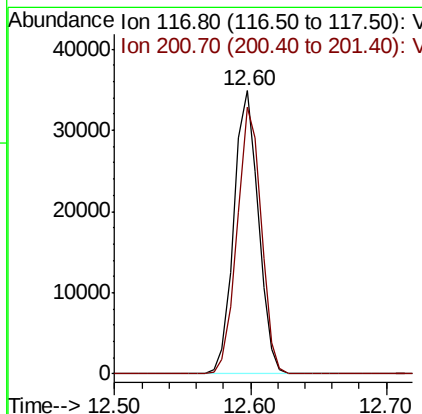
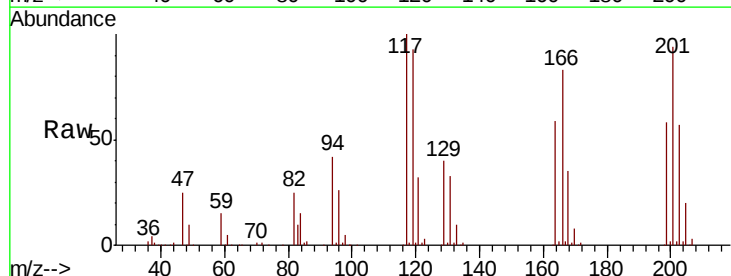
Instrument :
MSVOA_X
ClientSampled :
VX0905WBS01

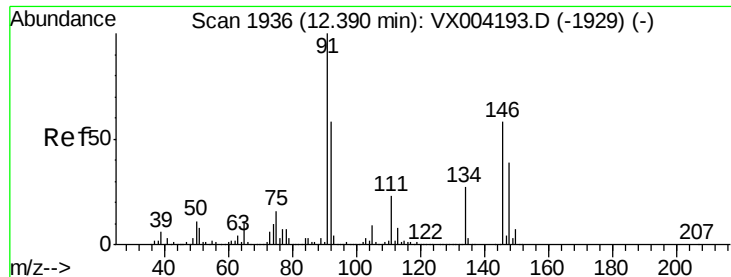
Tot Ion: 91 Resp: 251319
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 26.3 13.6 40.7



#90
Hexachloroethane
Concen: 21.11 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004366.D
Acq: 05 Sep 2018 12:42

Tgt Ion: 117 Resp: 43758
Ion Ratio Lower Upper
117 100
201 92.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.30 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

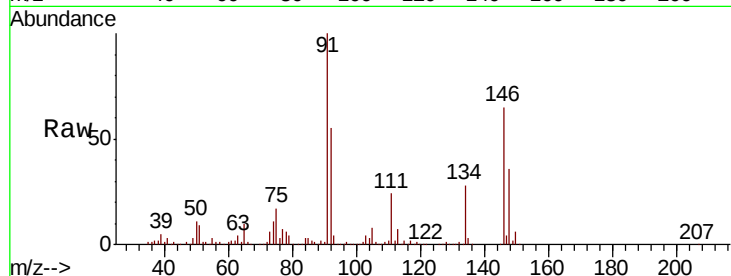
Tot Ion:146 Resp: 163874

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.1

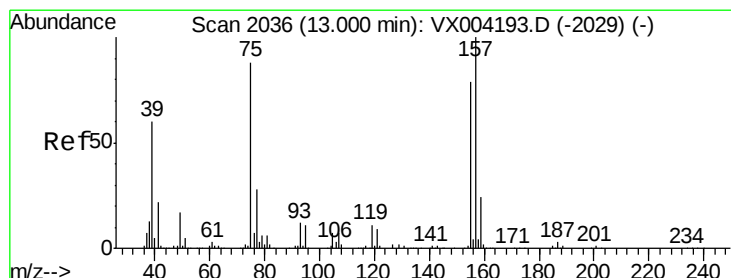
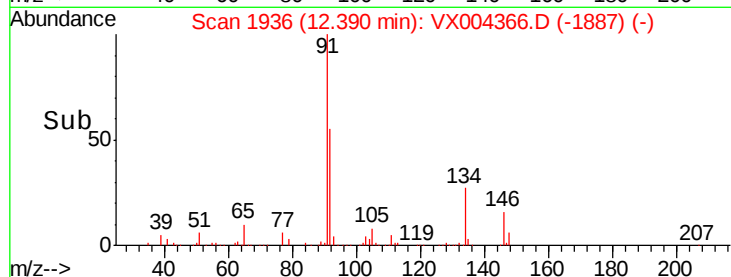
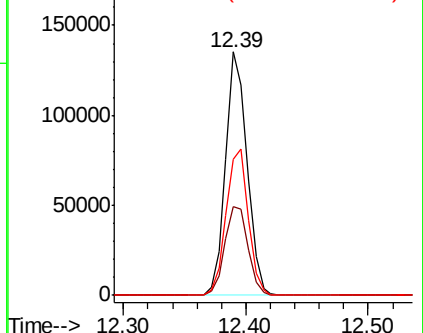
148 62.1 32.8 98.3



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: 20.29 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

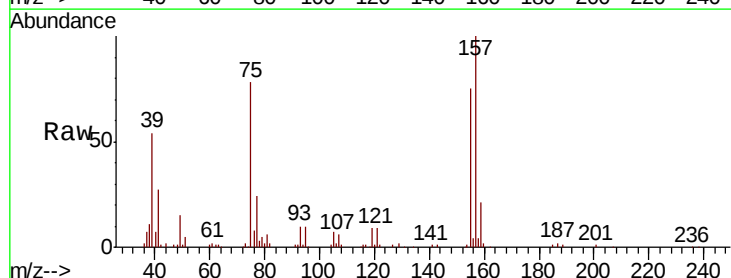
Tgt Ion: 75 Resp: 20922

Ion Ratio Lower Upper

75 100

155 95.7 48.0 144.2

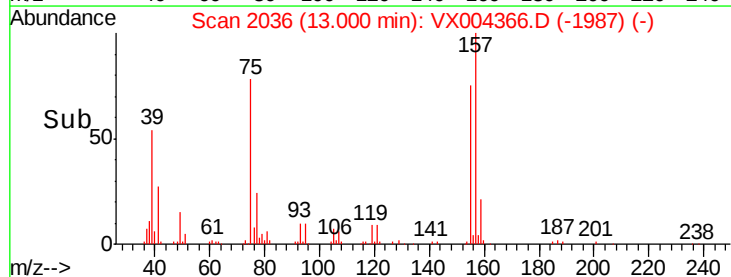
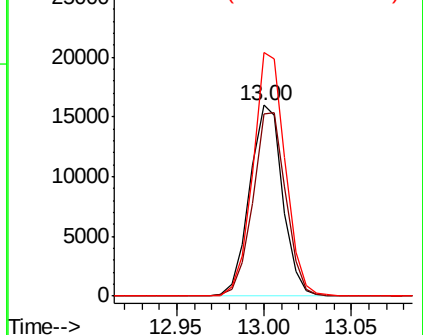
157 124.4 61.4 184.1

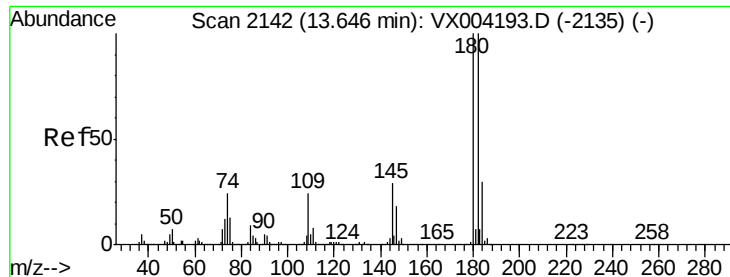


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

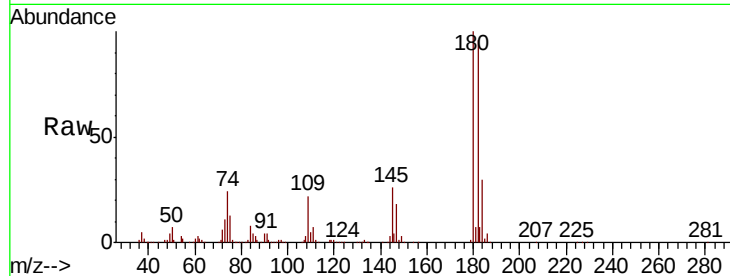




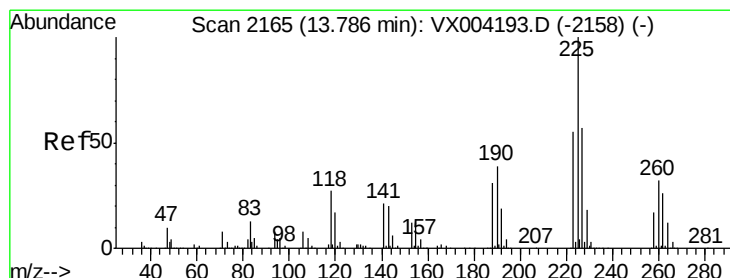
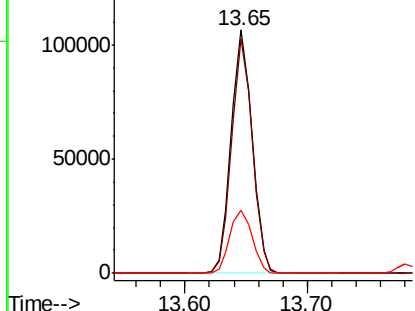
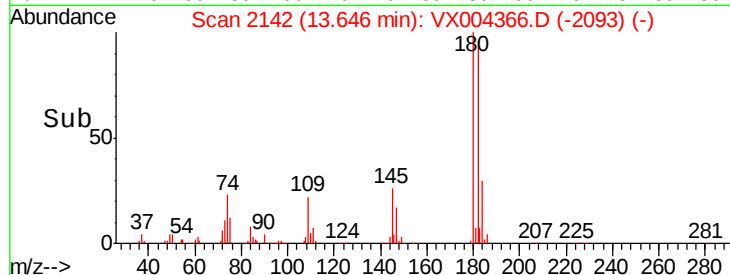
#93
 1,2,4-Trichlorobenzene
 Concen: 21.47 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX0905WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.0
145	27.8	14.3	42.9

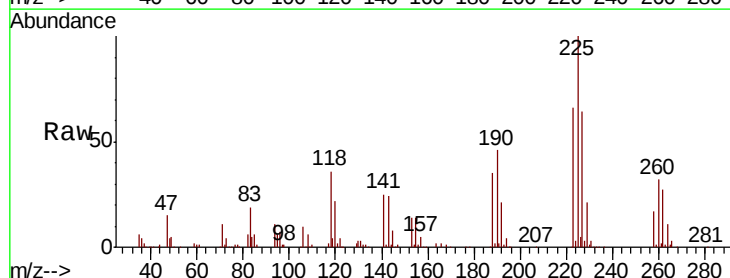


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

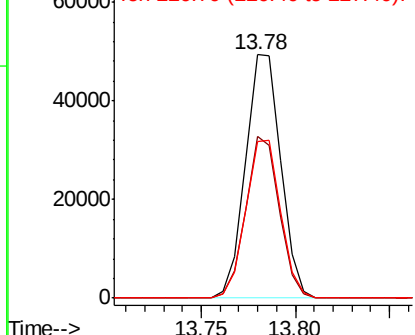
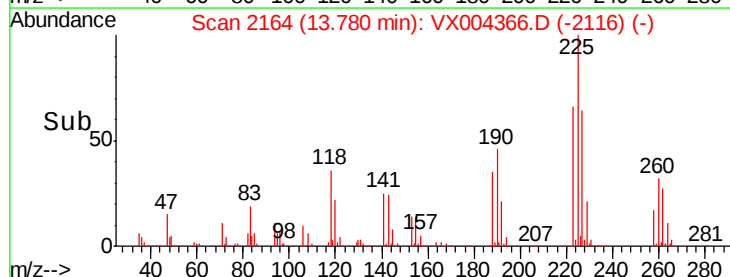


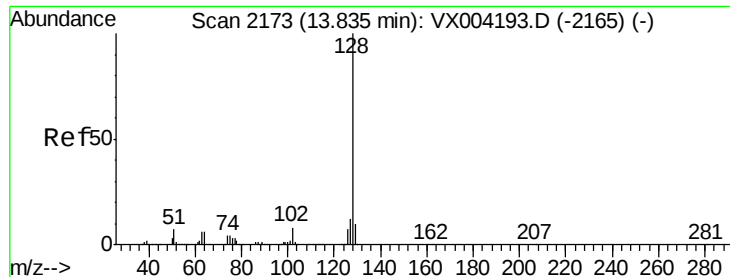
#94
 Hexachlorobutadiene
 Concen: 23.39 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX004366.D
 Acq: 05 Sep 2018 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.1	90.5
227	64.1	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: 22.30 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0905WBS01

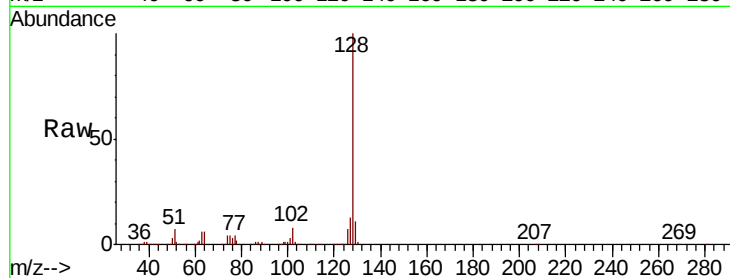
Tot Ion:128 Resp: 370577

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

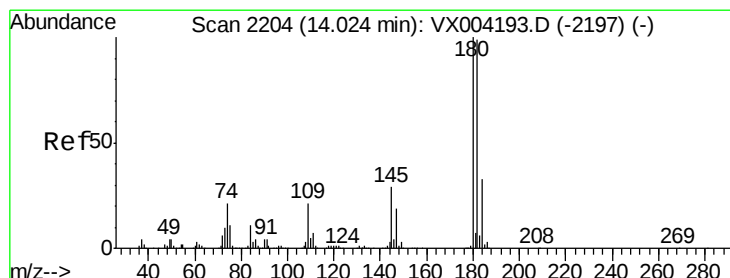
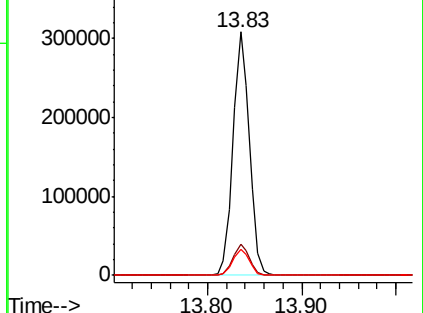
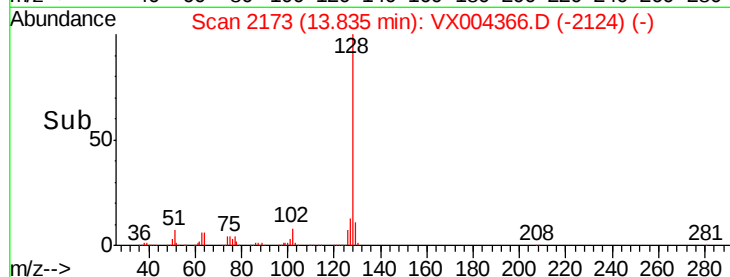
129 11.0 8.6 12.8



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: 21.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004366.D

Acq: 05 Sep 2018 12:42

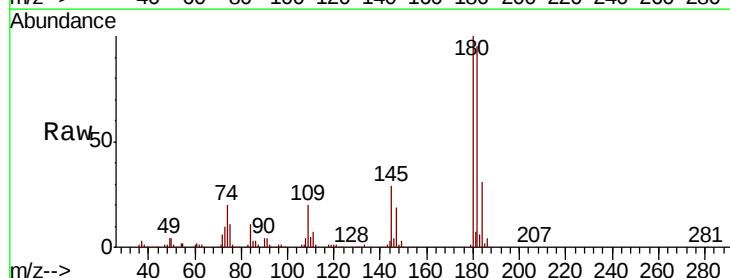
Tgt Ion:180 Resp: 132648

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 29.3 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

