

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004382.D
 Acq On : 06 Sep 2018 13:58
 Operator : JC/MD
 Sample : VX0906WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Quant Time: Sep 07 04:43:34 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	360800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	487837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	295395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218893	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	5.50	113	191109	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	8.71	98	705832	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	267217	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	61703	14.76	ug/l	98
3) Chloromethane	1.32	50	70134	15.39	ug/l	99
4) Vinyl Chloride	1.40	62	81815	17.31	ug/l	98
5) Bromomethane	1.63	94	41398	16.40	ug/l	98
6) Chloroethane	1.71	64	59618	17.11	ug/l	98
7) Trichlorofluoromethane	1.92	101	117388	18.12	ug/l	97
8) Diethyl Ether	2.18	74	54565	19.67	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75736	18.67	ug/l	99
10) Methyl Iodide	2.51	142	64831	17.22	ug/l	98
11) Tert butyl alcohol	3.07	59	107783	107.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69645	18.22	ug/l	98
13) Acrolein	2.29	56	18045	74.67	ug/l	93
14) Allyl chloride	2.72	41	137165	19.53	ug/l	96
15) Acrylonitrile	3.15	53	249945	100.68	ug/l	99
16) Acetone	2.45	43	220715	110.47	ug/l	99
17) Carbon Disulfide	2.56	76	166714	16.25	ug/l	99
18) Methyl Acetate	2.78	43	179560	25.73	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253408	20.12	ug/l	98
20) Methylene Chloride	2.85	84	84550	18.68	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	76113	17.99	ug/l	97
22) Diisopropyl ether	3.87	45	254572	19.42	ug/l	99
23) Vinyl Acetate	3.82	43	960229	90.36	ug/l	97
24) 1,1-Dichloroethane	3.69	63	148219	19.40	ug/l	100
25) 2-Butanone	4.71	43	329987	103.05	ug/l	98
26) 2,2-Dichloropropane	4.58	77	114962	19.18	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	88967	18.54	ug/l	100
28) Bromochloromethane	5.02	49	65551	19.38	ug/l	100
29) Tetrahydrofuran	5.16	42	204712	101.32	ug/l	100
30) Chloroform	5.21	83	146370	19.10	ug/l	97
31) Cyclohexane	5.57	56	117718	17.85	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121235	18.98	ug/l	99
36) 1,1-Dichloropropene	5.79	75	104717	17.94	ug/l	98
37) Ethyl Acetate	4.86	43	112739	19.64	ug/l	100
38) Carbon Tetrachloride	5.78	117	102047	18.58	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119820	17.98	ug/l	98
40) Benzene	6.14	78	333232	19.11	ug/l	99
41) Methacrylonitrile	5.06	41	67199	20.19	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112737	18.95	ug/l	99
43) Isopropyl Acetate	6.46	43	172983	19.61	ug/l	99
44) Trichloroethene	7.21	130	90113	18.66	ug/l	98
45) 1,2-Dichloropropane	7.52	63	85863	19.67	ug/l	98
46) Dibromomethane	7.66	93	54296	18.68	ug/l	98
47) Bromodichloromethane	7.90	83	104061	19.24	ug/l	99
48) Methyl methacrylate	7.78	41	91995	19.49	ug/l	98
49) 1,4-Dioxane	7.76	88	45342	423.10	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	620640	96.83	ug/l	100
52) Toluene	8.79	92	210887	19.32	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	113821	19.05	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	127671	19.62	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	87440	19.84	ug/l	98
56) Ethyl methacrylate	9.18	69	120681	20.11	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147072	19.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	315582	102.66	ug/l	100
59) 2-Hexanone	9.50	43	476617	97.47	ug/l	100
60) Dibromochloromethane	9.59	129	82804	19.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	88296	19.36	ug/l	99
64) Tetrachloroethene	9.34	164	97117	20.15	ug/l	98
65) Chlorobenzene	10.14	112	234442	19.15	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	83418	19.75	ug/l	98
67) Ethyl Benzene	10.26	91	380285	19.13	ug/l	99
68) m/p-Xylenes	10.36	106	309362	39.79	ug/l	100
69) o-Xylene	10.70	106	147863	20.11	ug/l	99
70) Styrene	10.71	104	243024	20.41	ug/l	99
71) Bromoform	10.86	173	62440	18.34	ug/l	98
73) Isopropylbenzene	11.02	105	403680	20.81	ug/l	100
74) N-amyl acetate	10.90	43	143291	19.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132184	19.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	150299	25.02	ug/l	87
77) Bromobenzene	11.26	156	108547	19.95	ug/l	99
78) n-propylbenzene	11.36	91	458969	20.57	ug/l	100
79) 2-Chlorotoluene	11.42	91	272689	19.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329402	20.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35426	19.13	ug/l	99
82) 4-Chlorotoluene	11.51	91	317642	19.65	ug/l	100
83) tert-Butylbenzene	11.77	119	328981	20.35	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	347514	21.07	ug/l	100
85) sec-Butylbenzene	11.95	105	409647	21.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	358380	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	197679	19.29	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	195345	18.08	ug/l	97
89) n-Butylbenzene	12.39	91	280609	20.06	ug/l	97
90) Hexachloroethane	12.60	117	50693	21.09	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	190724	20.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24367	20.38	ug/l	97

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Instrument :
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ClientSampleId :
VX0906WBS01

Quant Time: Sep 07 04:43:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

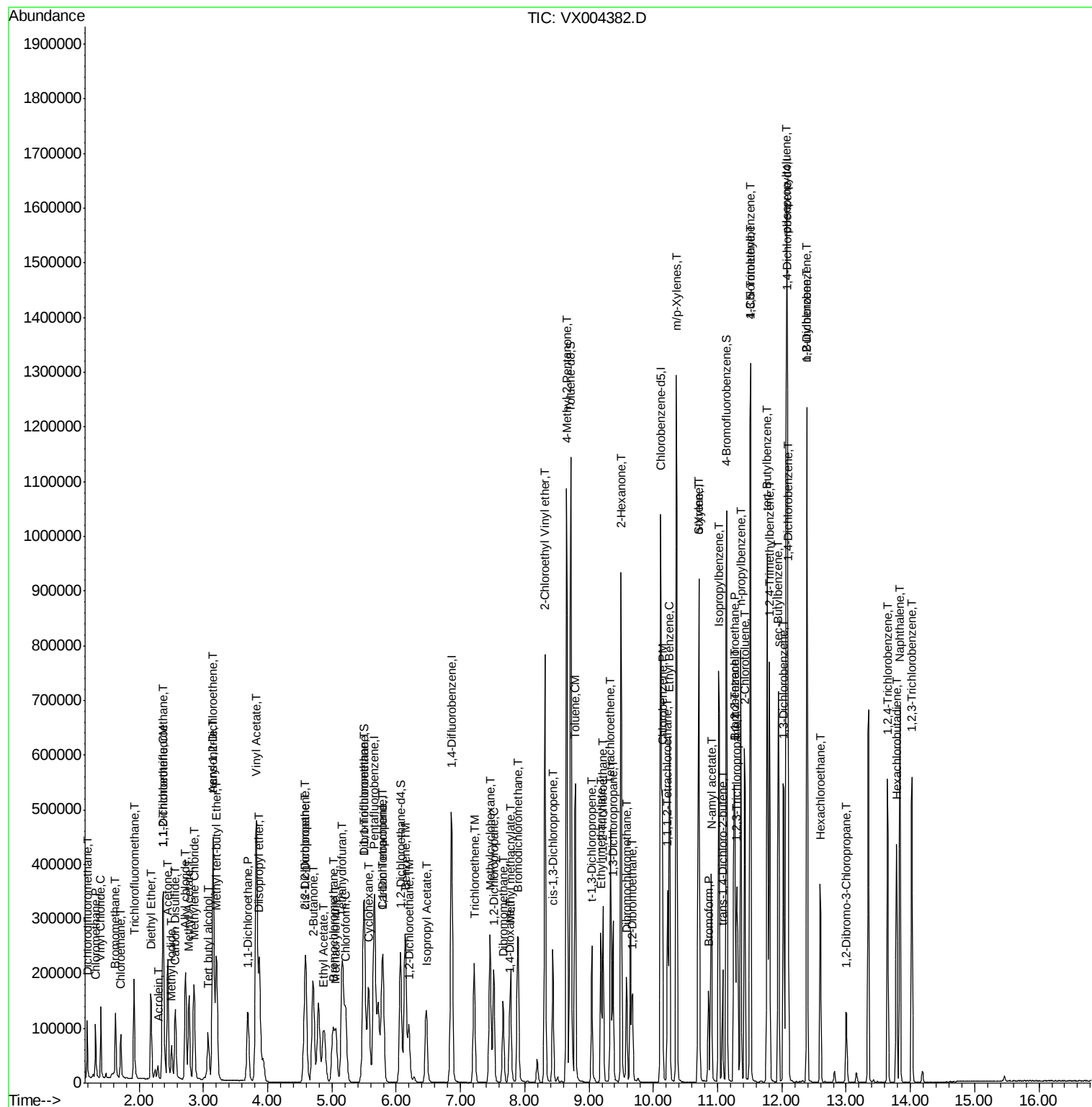
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139555	20.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	74507	23.43	ug/l	98
95) Naphthalene	13.83	128	423878	21.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	149023	20.66	ug/l	99

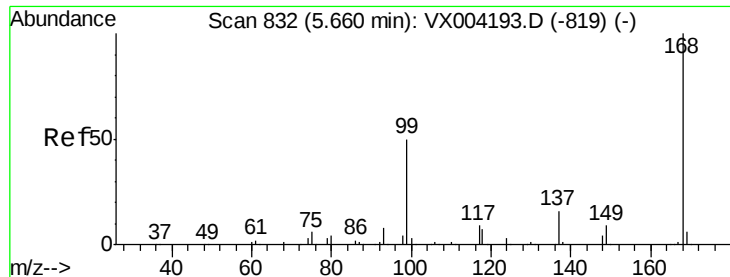
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

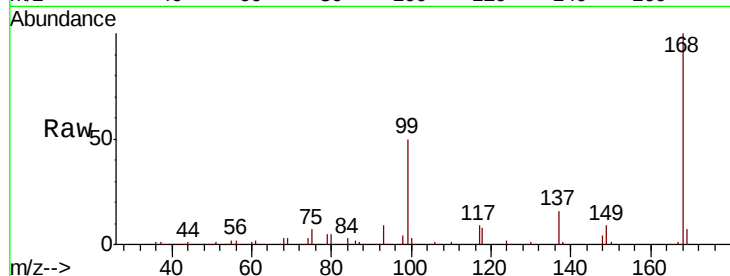
VX0906WBS01

Tot Ion:168 Resp: 360800

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

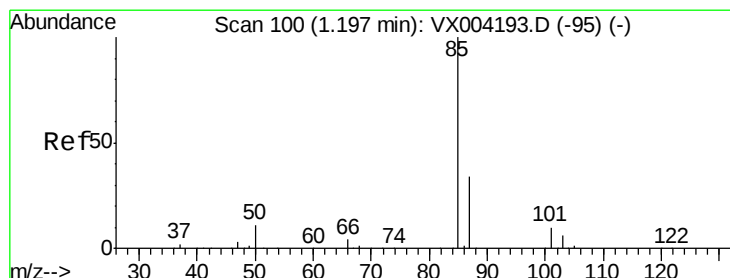
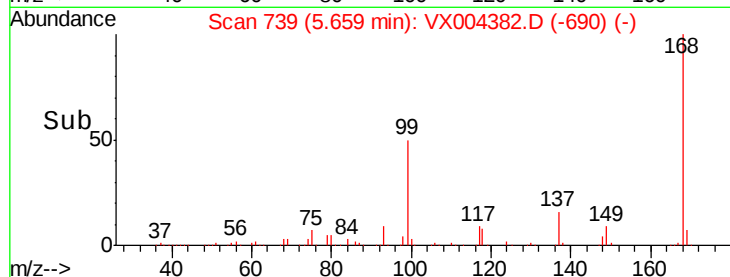
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.76 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004382.D

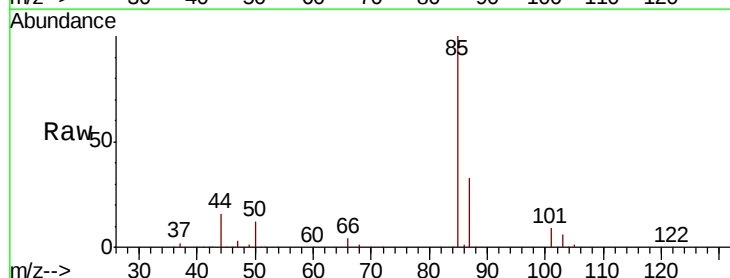
Acq: 06 Sep 2018 13:58

Tgt Ion: 85 Resp: 61703

Ion Ratio Lower Upper

85 100

87 32.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

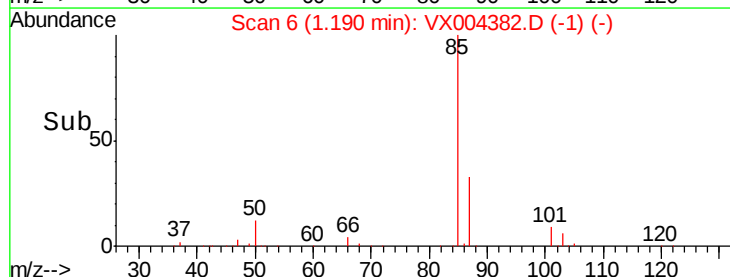
40000

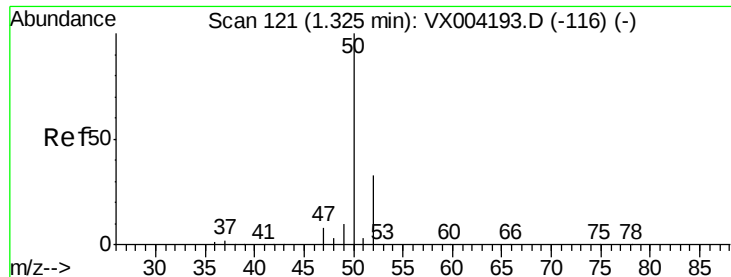
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.39 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

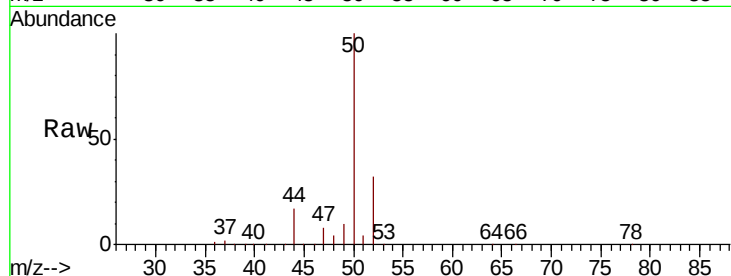
VX0906WBS01

Tot Ion: 50 Resp: 70134

Ion Ratio Lower Upper

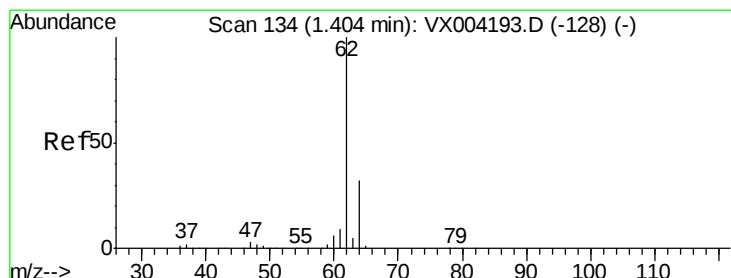
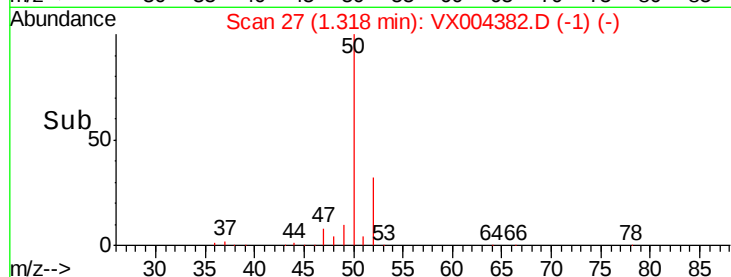
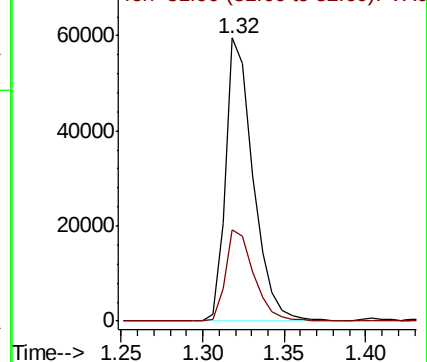
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.31 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004382.D

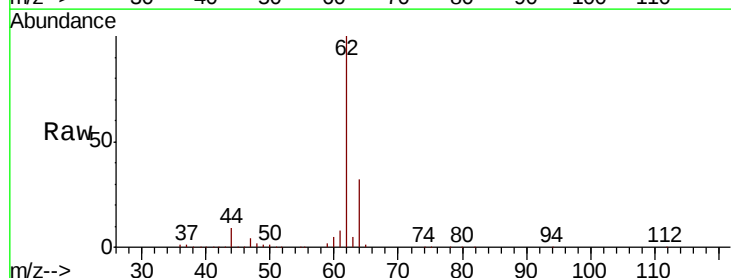
Acq: 06 Sep 2018 13:58

Tgt Ion: 62 Resp: 81815

Ion Ratio Lower Upper

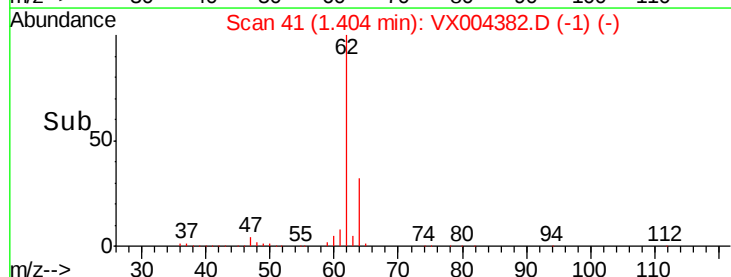
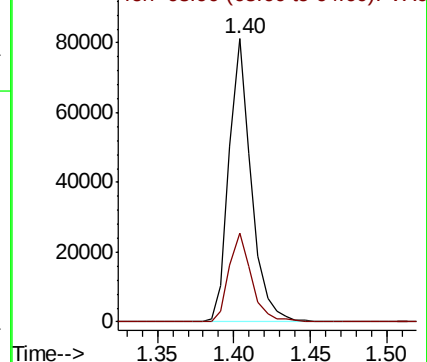
62 100

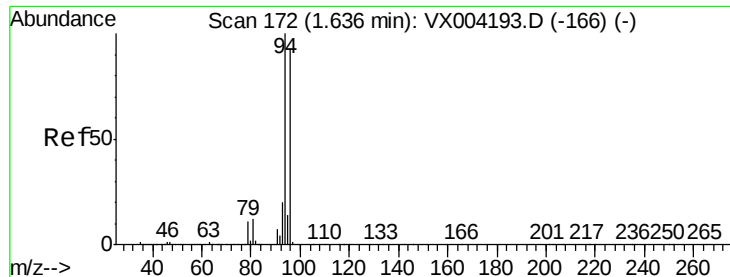
64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.40 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

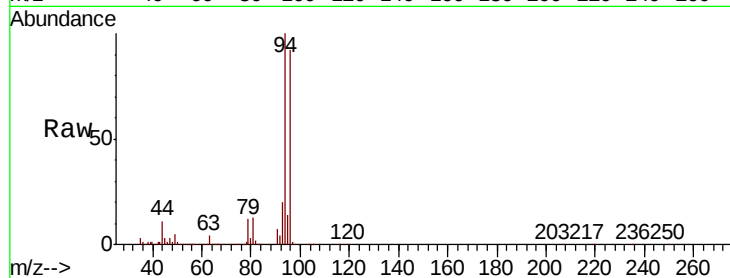
VX0906WBS01

Tot Ion: 94 Resp: 41398

Ion Ratio Lower Upper

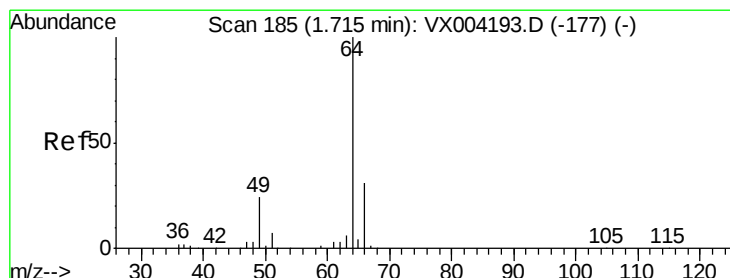
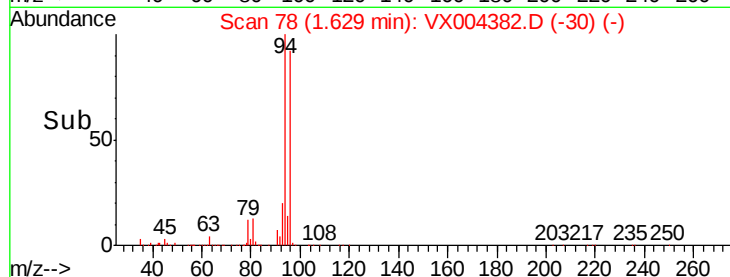
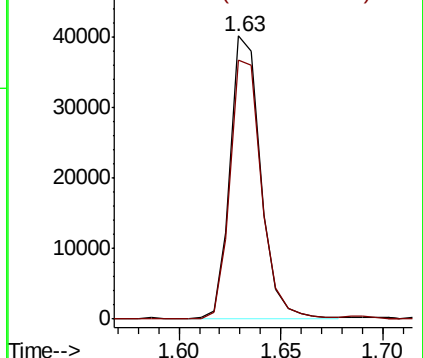
94 100

96 91.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.11 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004382.D

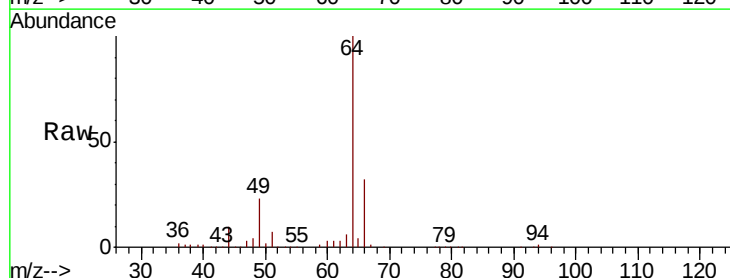
Acq: 06 Sep 2018 13:58

Tgt Ion: 64 Resp: 59618

Ion Ratio Lower Upper

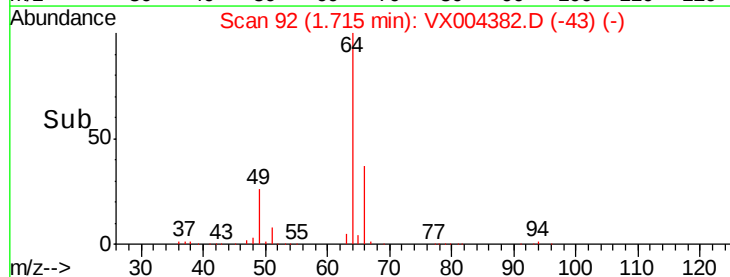
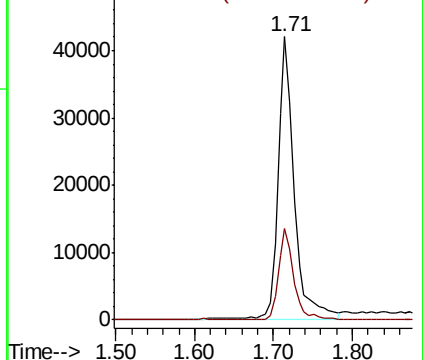
64 100

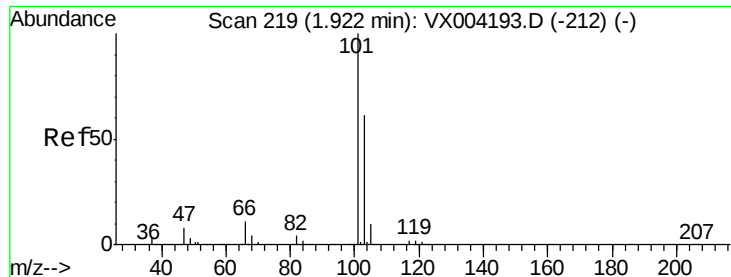
66 31.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 18.12 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

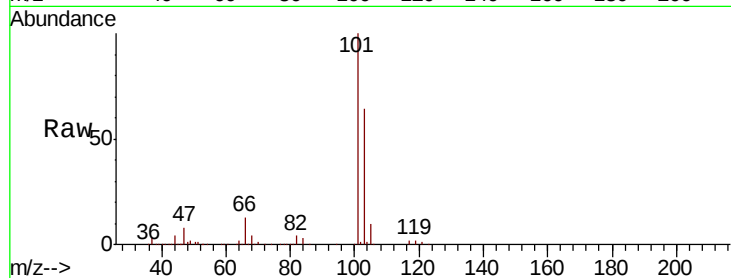
VX0906WBS01

Tot Ion:101 Resp: 117388

Ion Ratio Lower Upper

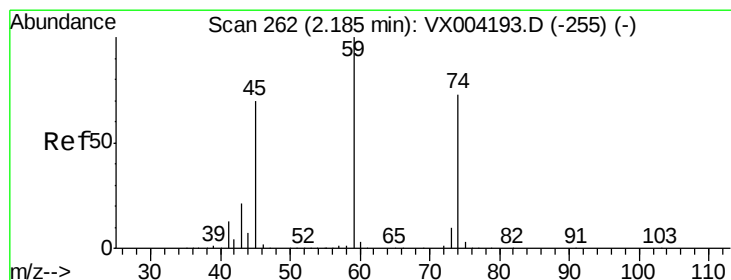
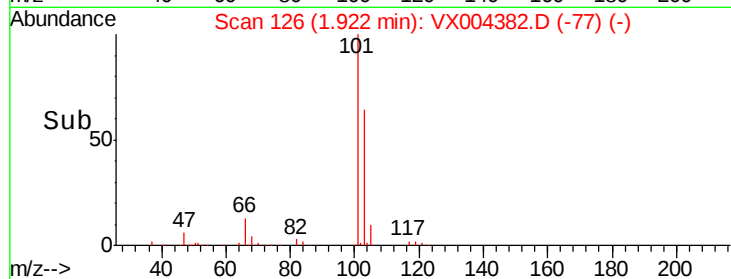
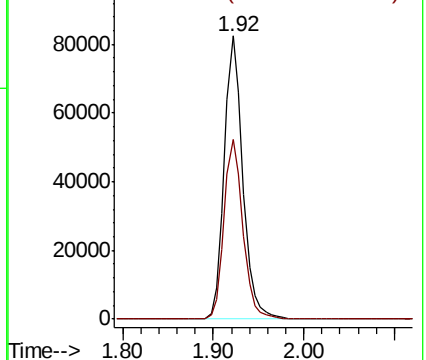
101 100

103 63.6 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.67 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX004382.D

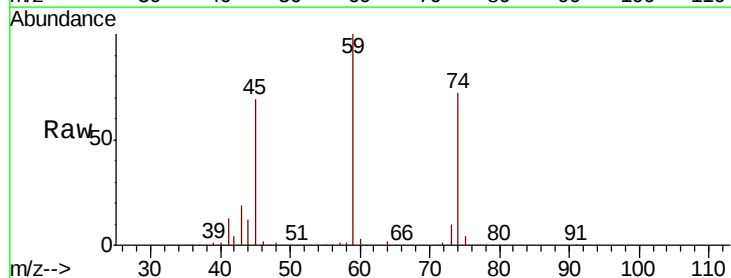
Acq: 06 Sep 2018 13:58

Tgt Ion: 74 Resp: 54565

Ion Ratio Lower Upper

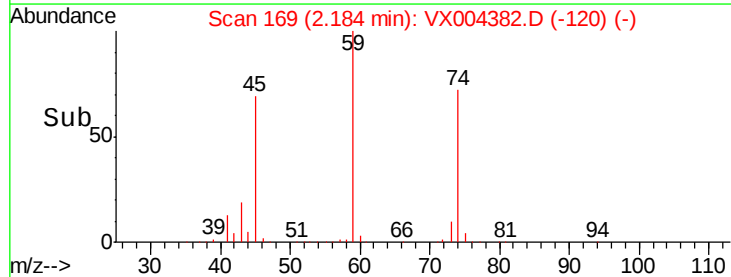
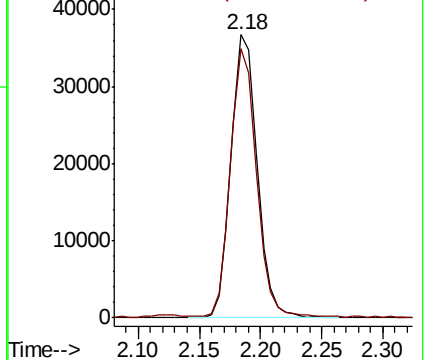
74 100

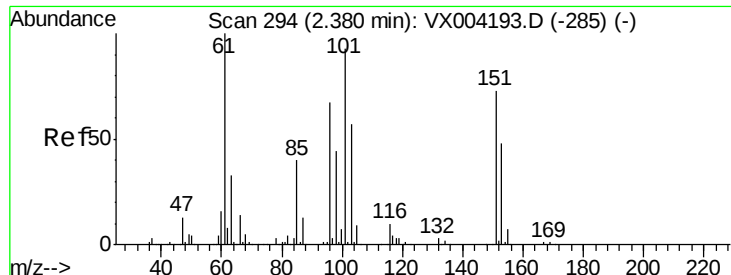
45 93.7 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.67 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

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VX0906WBS01

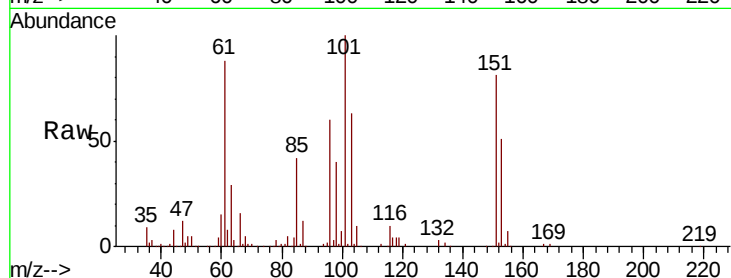
Tot Ion:101 Resp: 75736

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.4

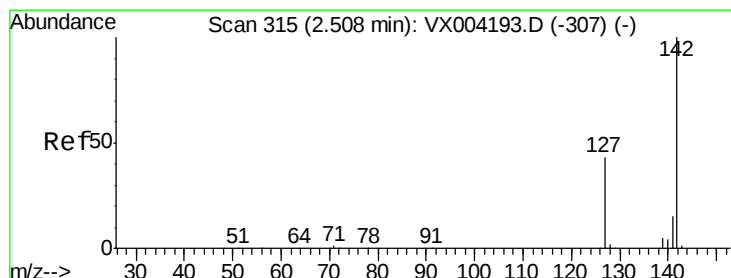
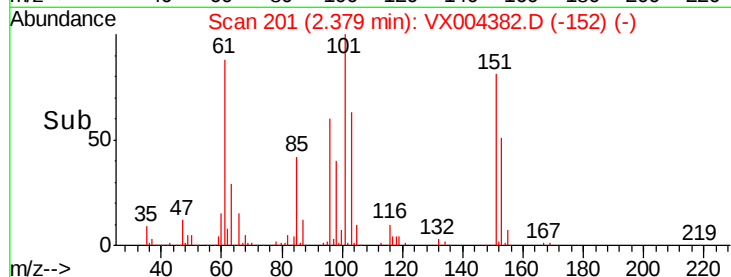
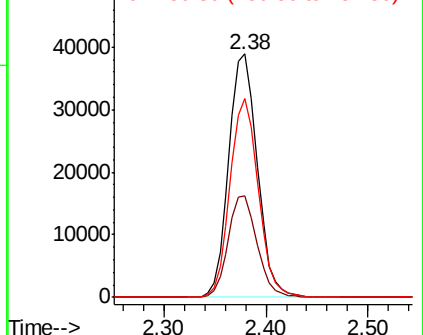
151 80.6 65.0 97.6



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: 17.22 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

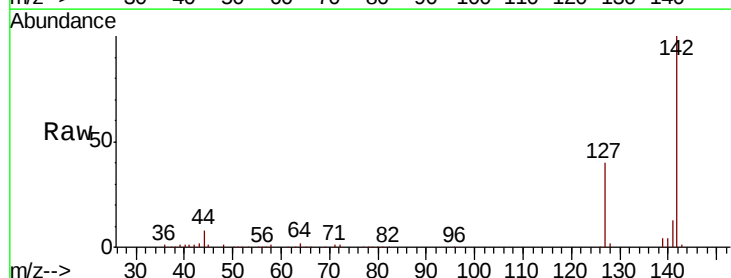
Tgt Ion:142 Resp: 64831

Ion Ratio Lower Upper

142 100

127 40.6 33.8 50.6

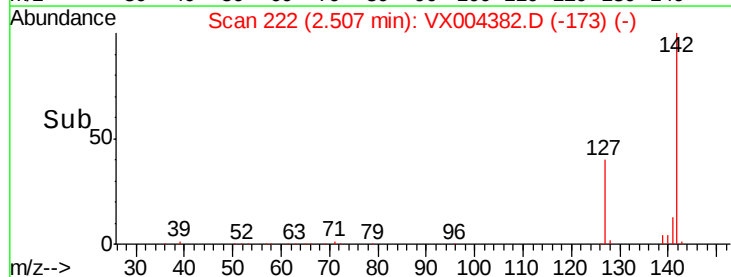
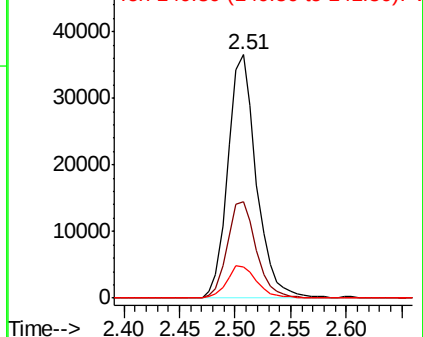
141 13.9 11.4 17.0



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

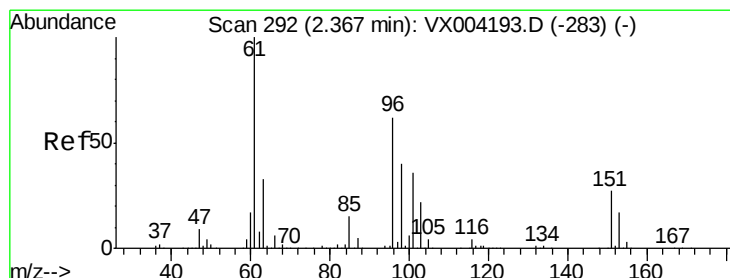
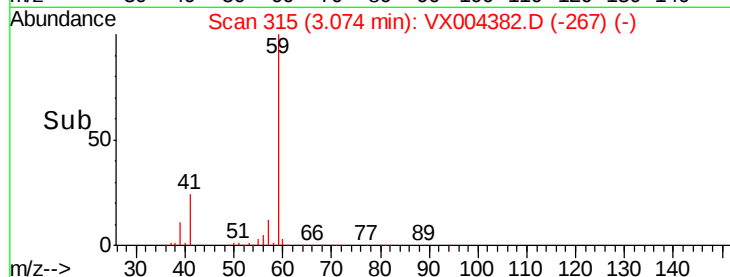
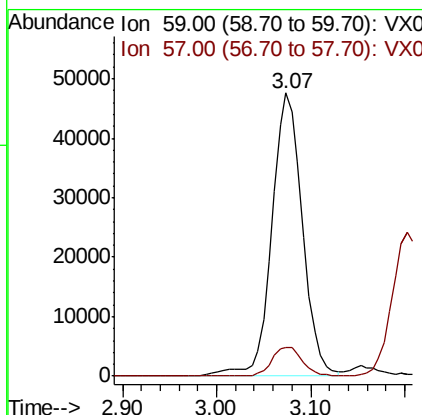
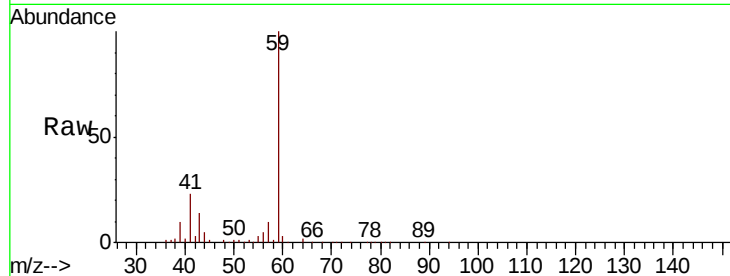




#11
Tert butyl alcohol
Concen: 107.52 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

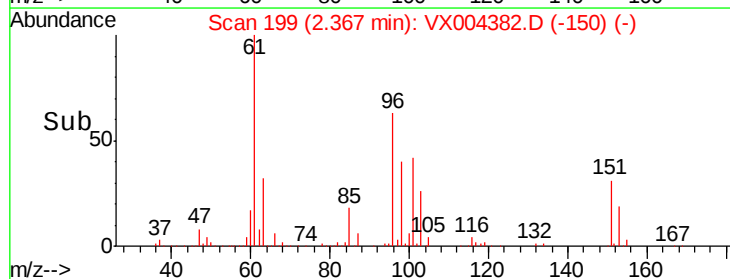
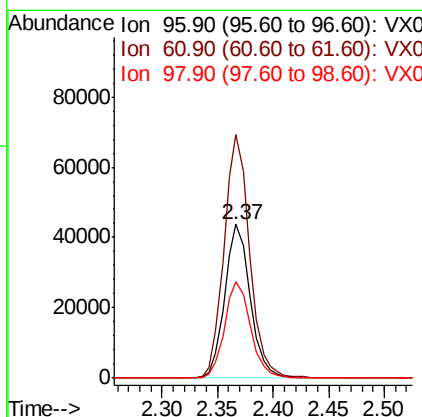
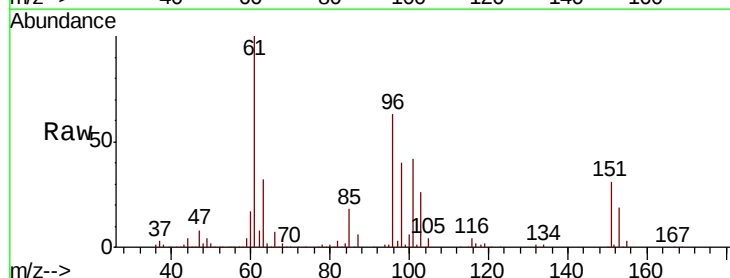
Instrument :
MSVOA_X
ClientSampled :
VX0906WBS01

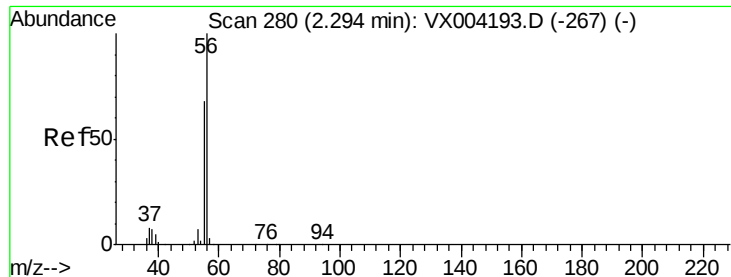
Tot Ion: 59 Resp: 107783
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.22 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 96 Resp: 69645
Ion Ratio Lower Upper
96 100
61 158.3 128.8 193.2
98 62.6 52.2 78.2





#13

Acrolein

Concen: 74.67 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

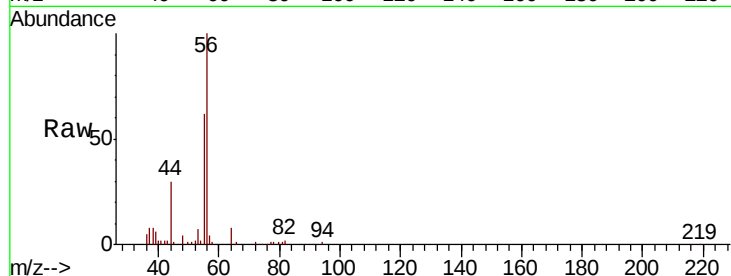
VX0906WBS01

Tot Ion: 56 Resp: 18045

Ion Ratio Lower Upper

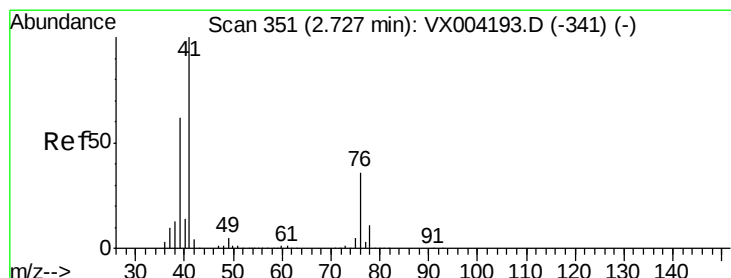
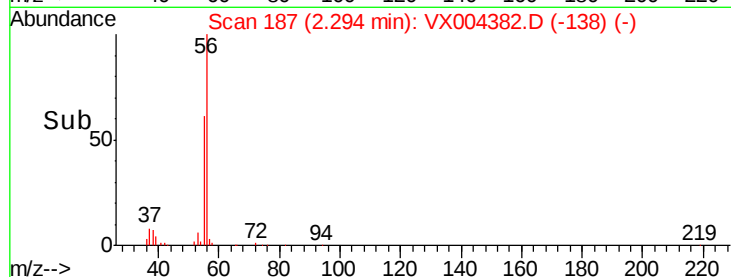
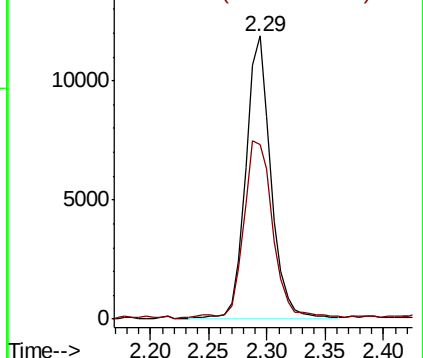
56 100

55 74.4 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: 19.53 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

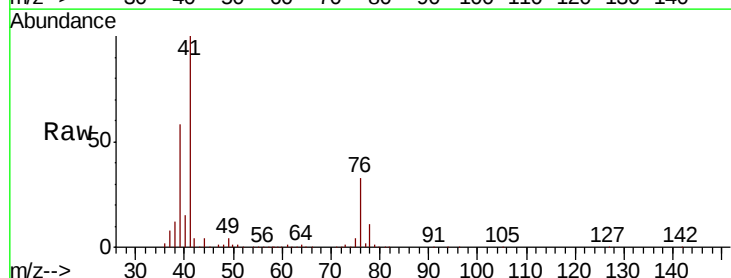
Tgt Ion: 41 Resp: 137165

Ion Ratio Lower Upper

41 100

39 57.6 48.9 73.3

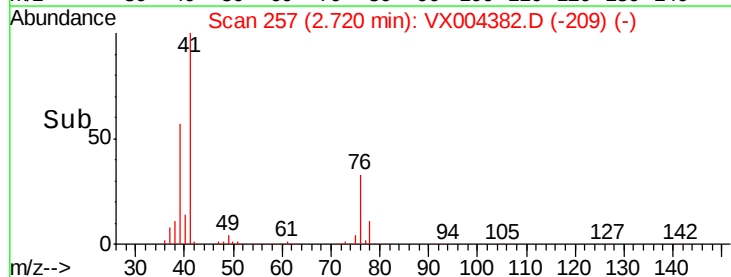
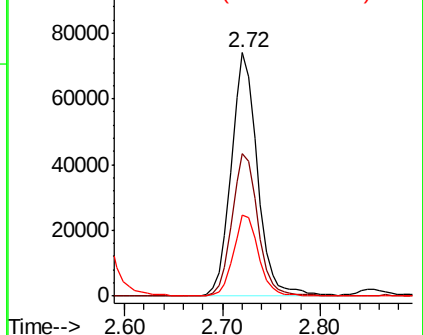
76 32.2 26.7 40.1



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: 100.68 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

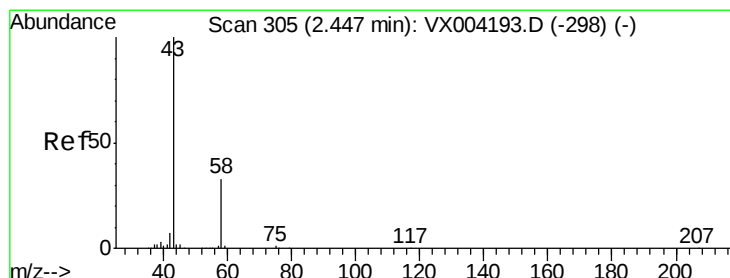
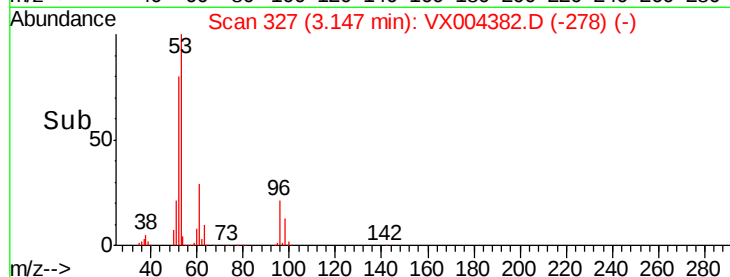
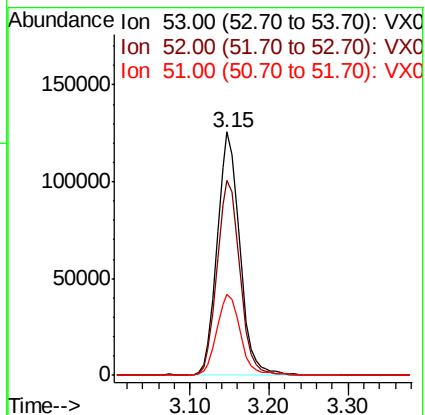
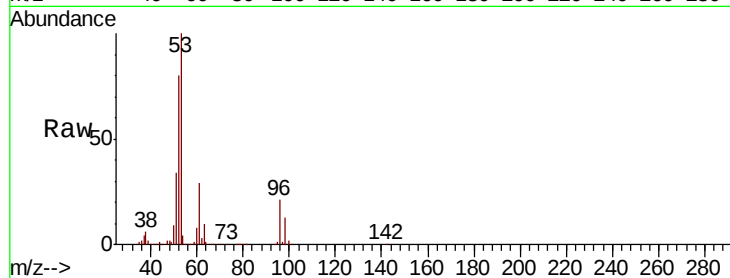
Tot Ion: 53 Resp: 249945

Ion Ratio Lower Upper

53 100

52 81.1 65.2 97.8

51 34.8 28.2 42.2



#16

Acetone

Concen: 110.47 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004382.D

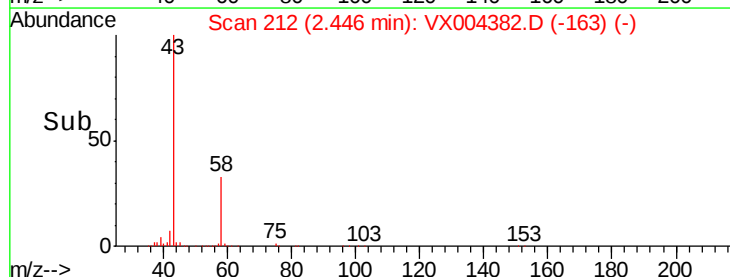
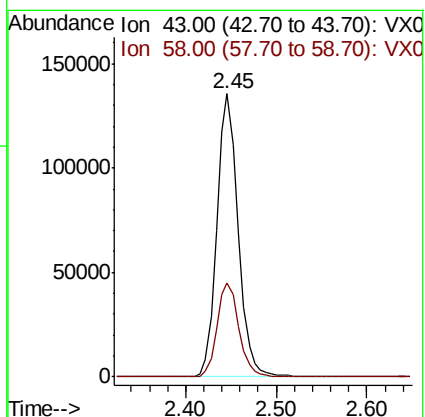
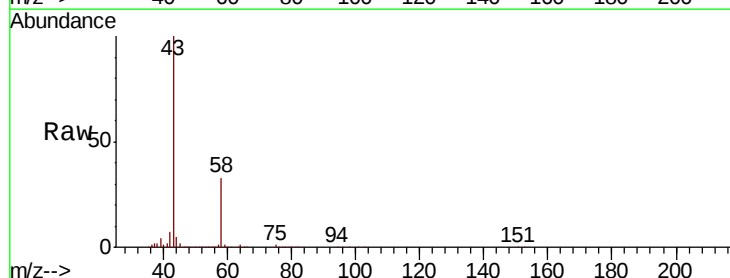
Acq: 06 Sep 2018 13:58

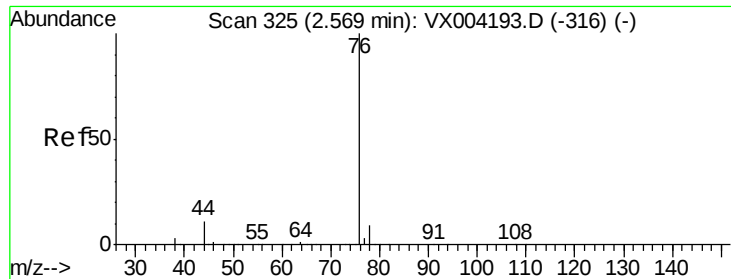
Tgt Ion: 43 Resp: 220715

Ion Ratio Lower Upper

43 100

58 33.1 26.2 39.4

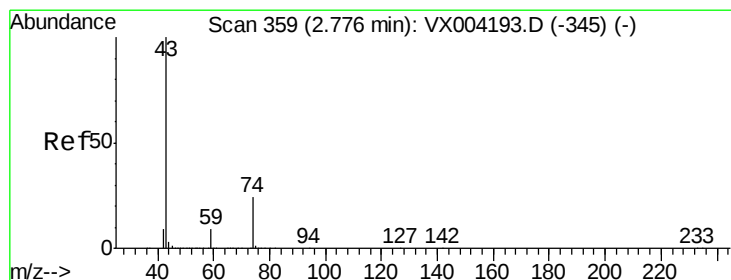
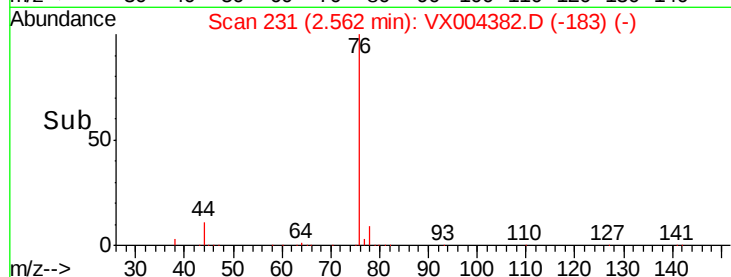
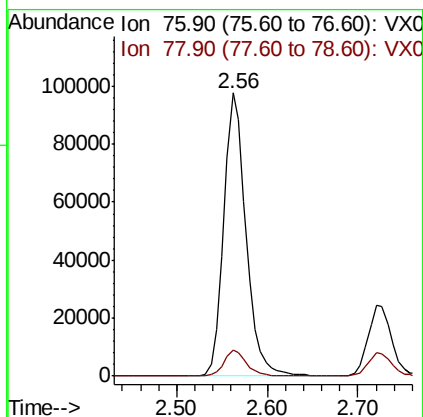
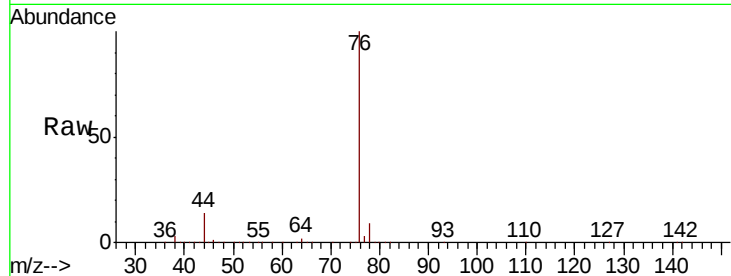




#17
Carbon Disulfide
Concen: 16.25 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

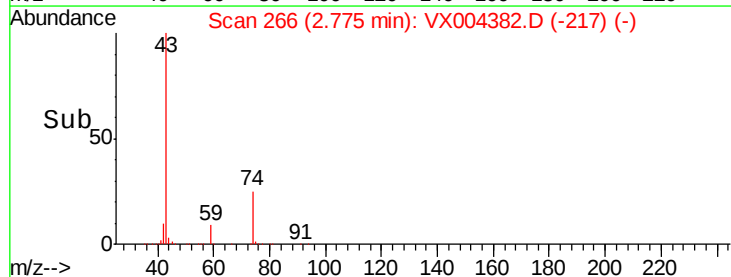
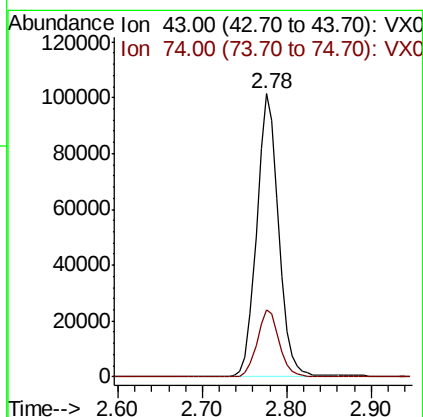
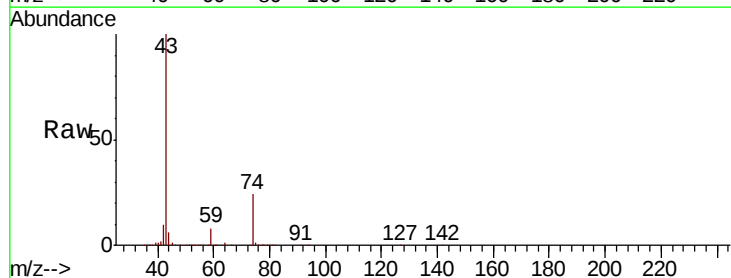
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

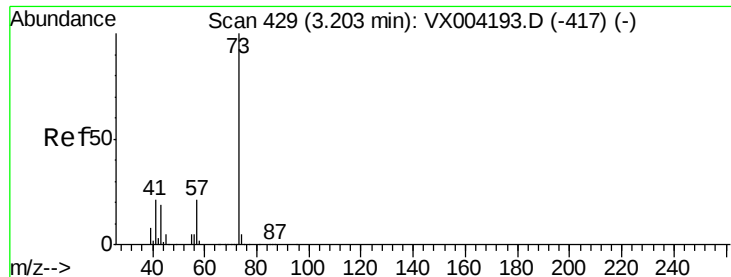
Tot Ion: 76 Resp: 166714
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 25.73 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 43 Resp: 179560
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2

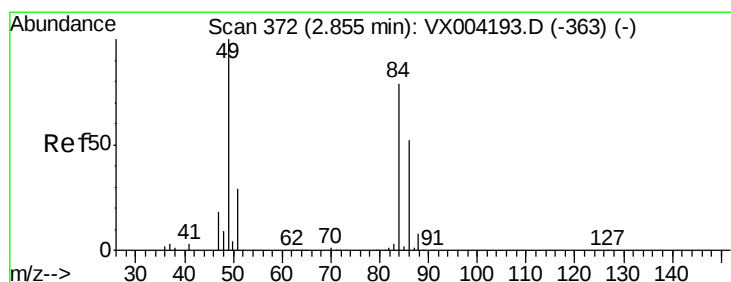
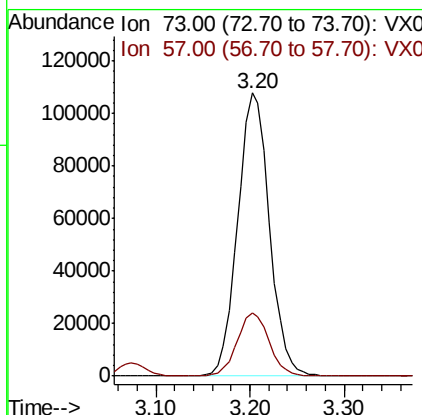
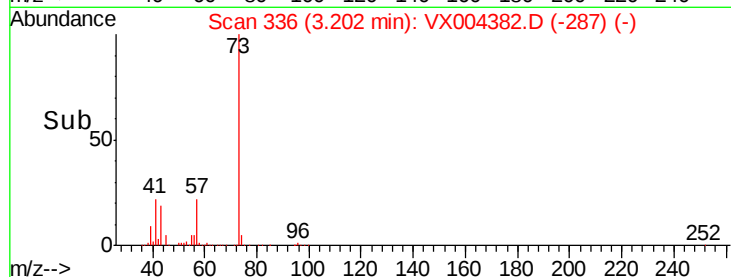
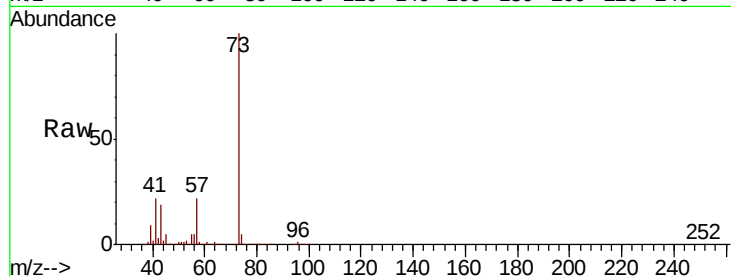




#19
Methvl tert-butvl Ether
Concen: 20.12 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

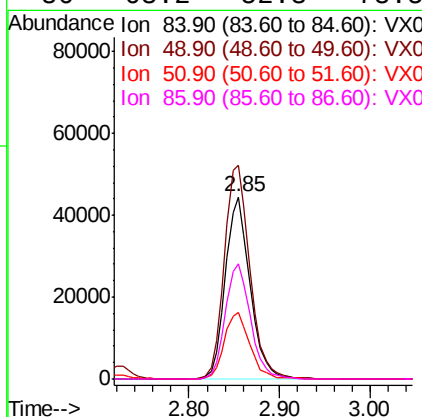
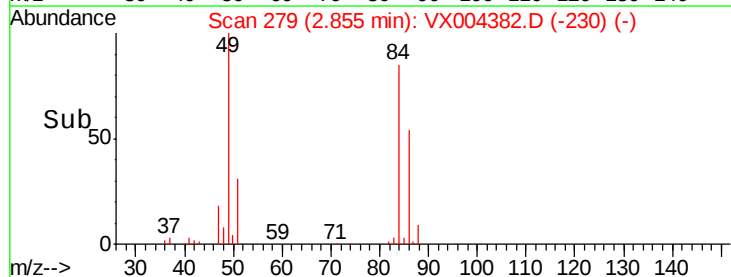
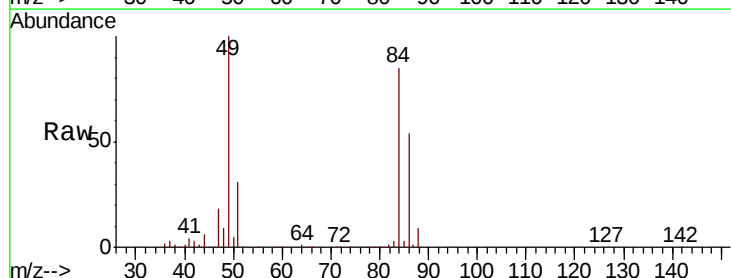
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

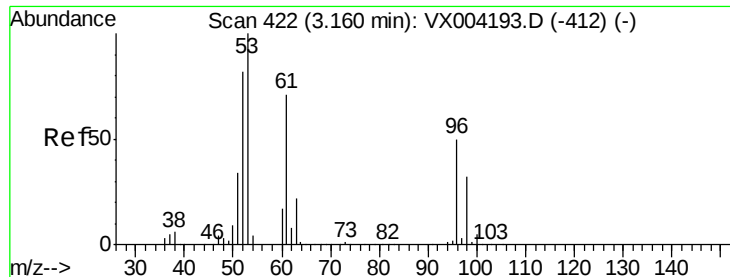
Tot Ion: 73 Resp: 253408
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 18.68 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 84 Resp: 84550
Ion Ratio Lower Upper
84 100
49 117.1 101.2 151.8
51 36.4 29.5 44.3
86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 17.99 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

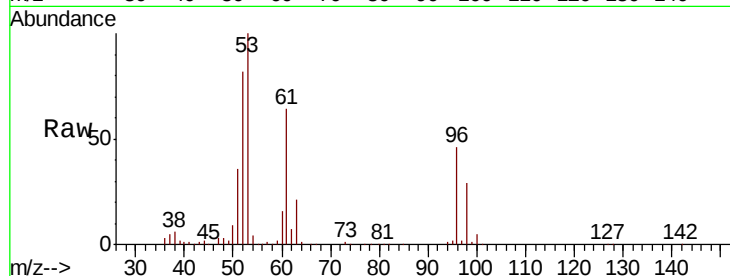
Tot Ion: 96 Resp: 76113

Ion Ratio Lower Upper

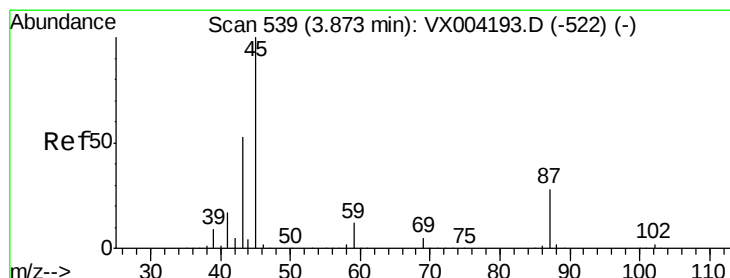
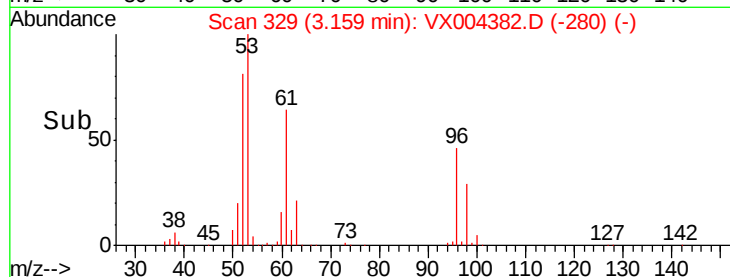
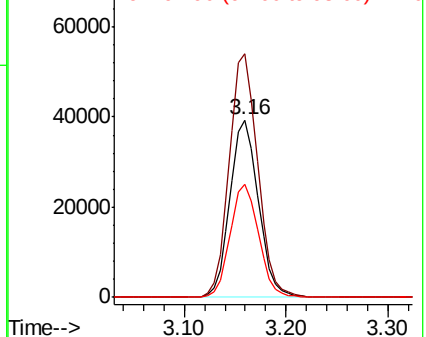
96 100

61 137.3 113.8 170.6

98 63.5 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.42 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion: 45 Resp: 254572

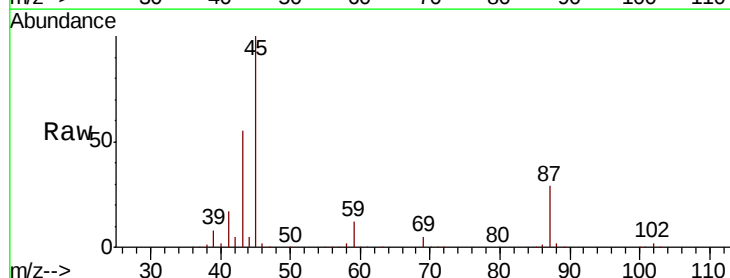
Ion Ratio Lower Upper

45 100

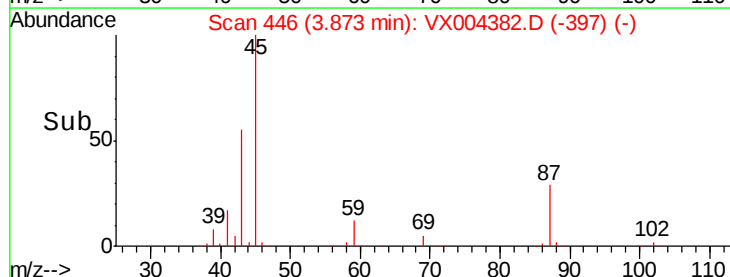
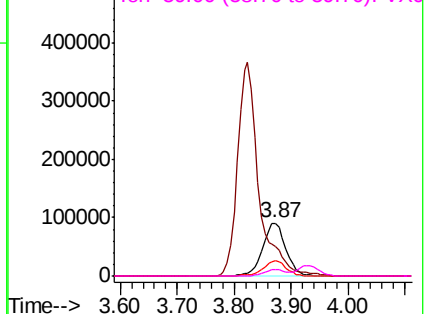
43 54.6 42.8 64.2

87 28.7 22.6 34.0

59 12.3 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

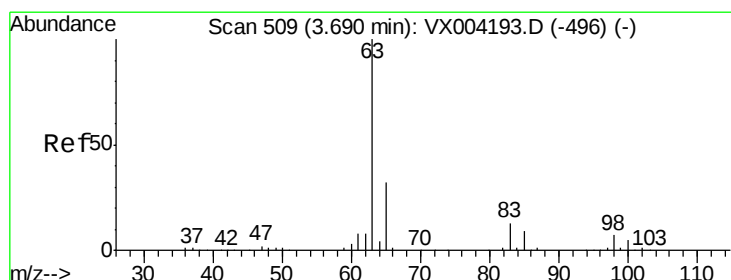
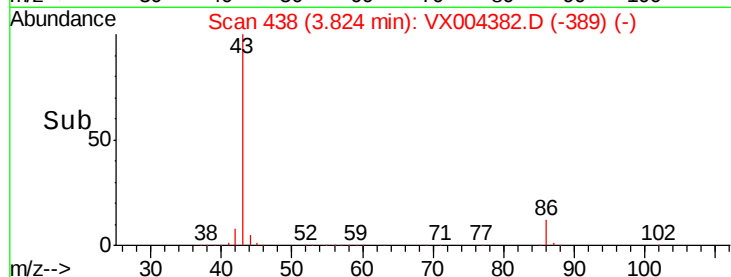
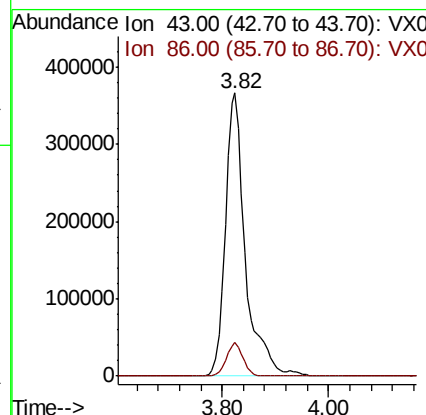
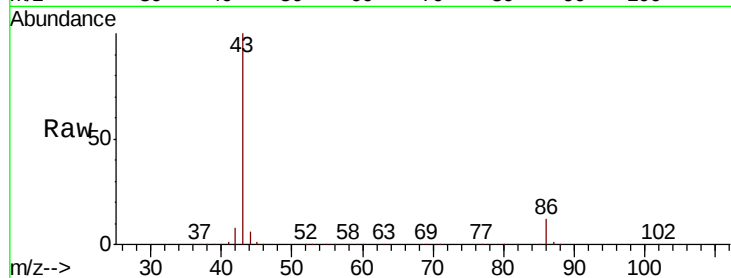




#23
 Vinyl Acetate
 Concen: 90.36 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

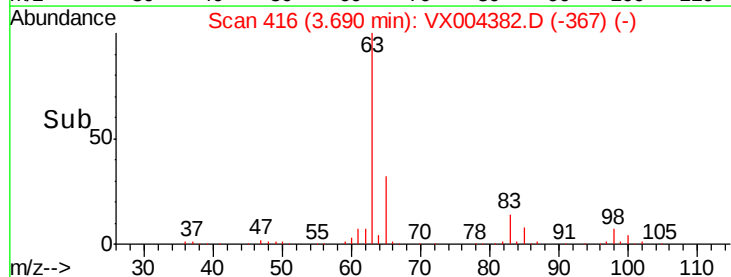
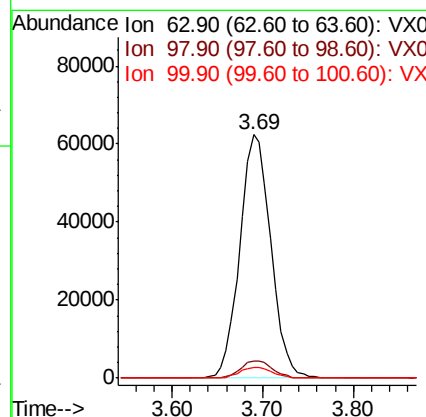
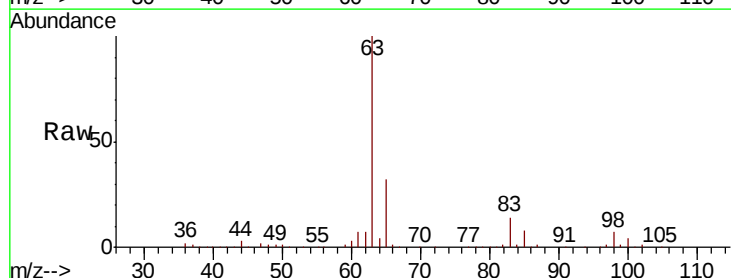
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

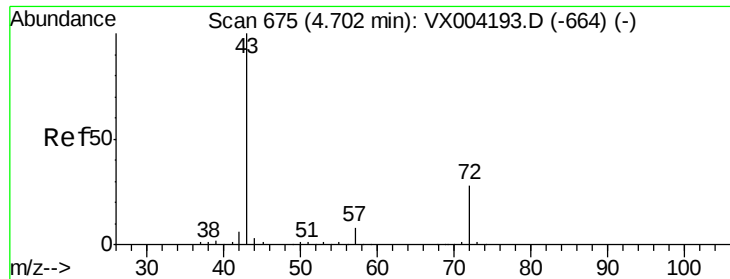
Tot Ion: 43 Resp: 960229
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.40 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion: 63 Resp: 148219
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 103.05 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

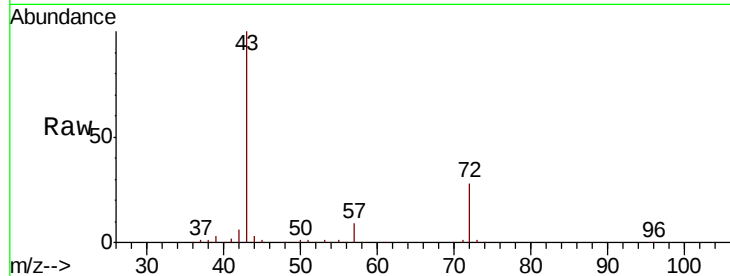
VX0906WBS01

Tot Ion: 43 Resp: 329987

Ion Ratio Lower Upper

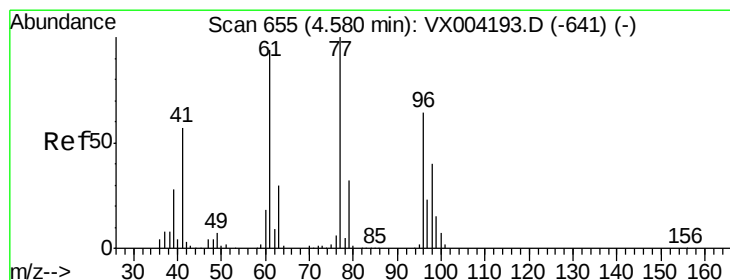
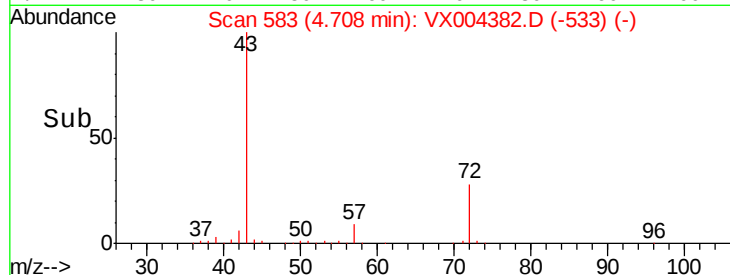
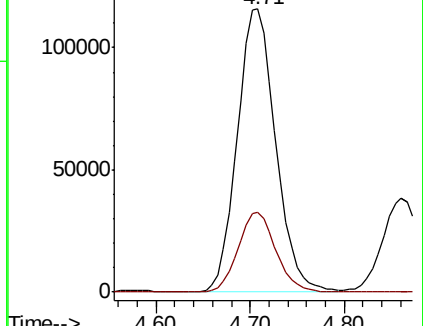
43 100

72 28.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.18 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004382.D

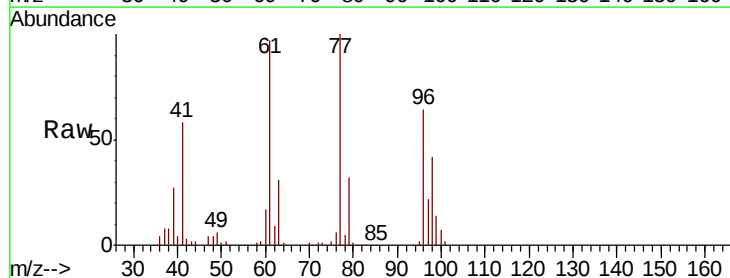
Acq: 06 Sep 2018 13:58

Tgt Ion: 77 Resp: 114962

Ion Ratio Lower Upper

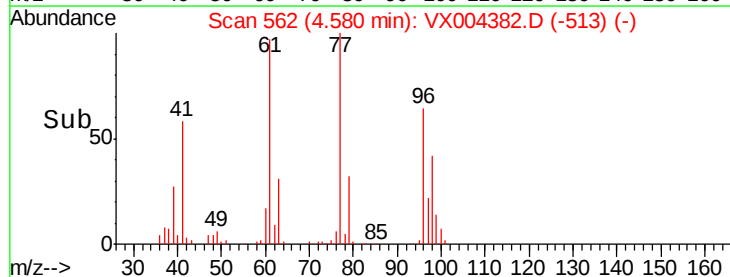
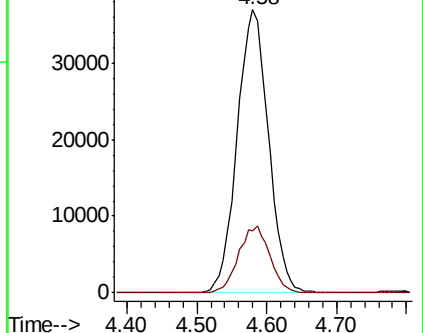
77 100

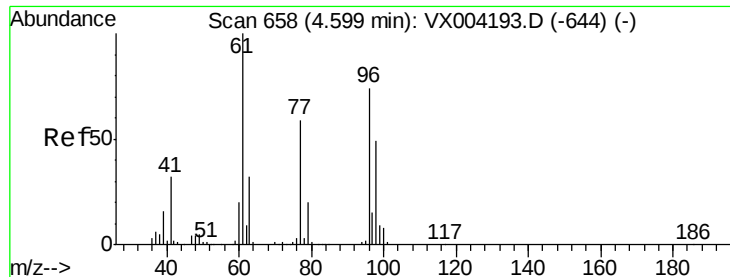
97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.54 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

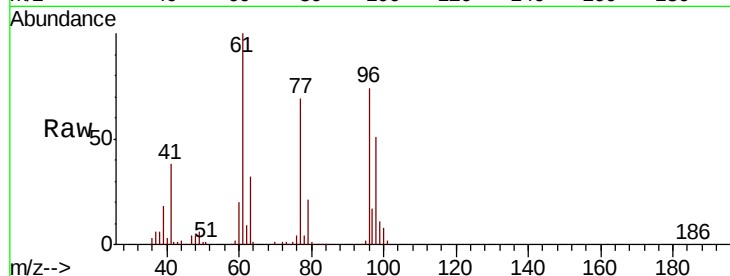
Tot Ion: 96 Resp: 88967

Ion Ratio Lower Upper

96 100

61 141.1 0.0 282.6

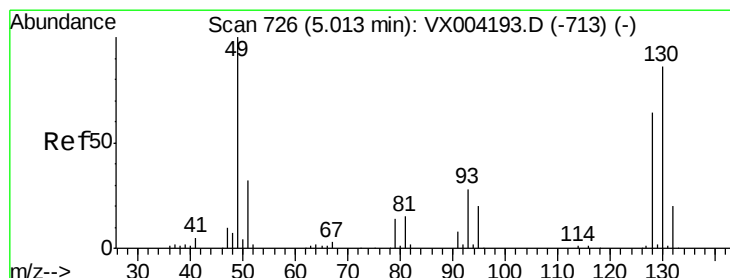
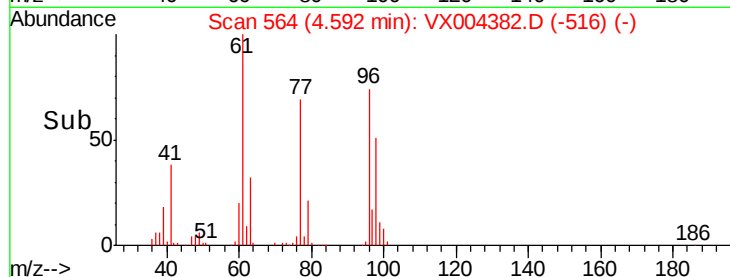
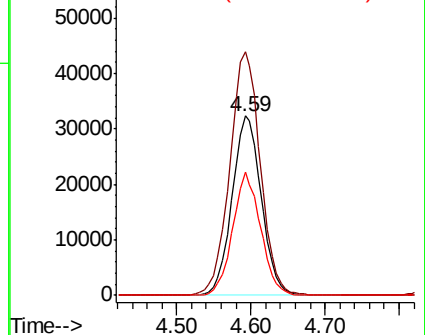
98 65.4 0.0 130.2



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: 19.38 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

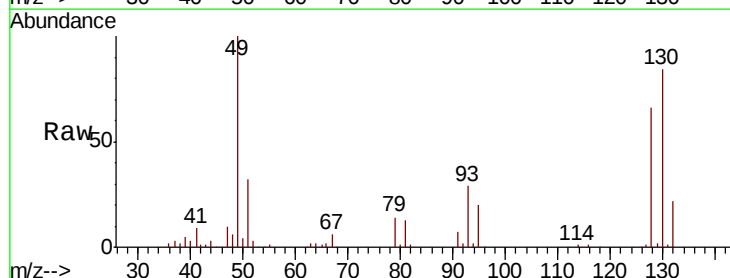
Tgt Ion: 49 Resp: 65551

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

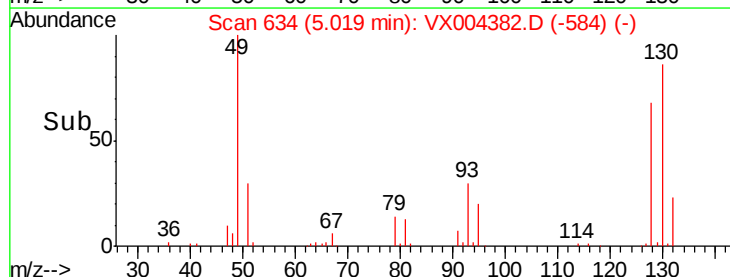
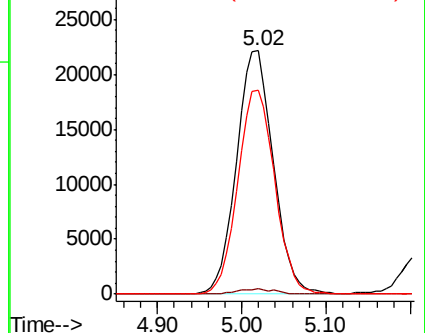
130 84.1 67.5 101.3

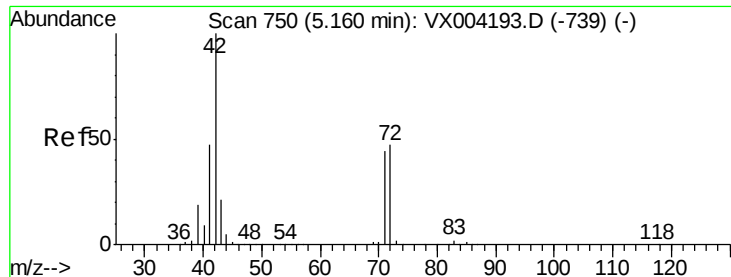


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.32 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

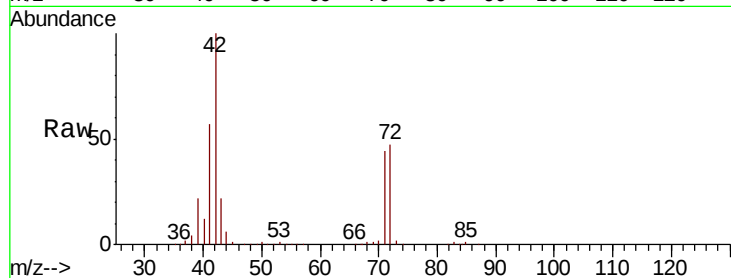
Tot Ion: 42 Resp: 204712

Ion Ratio Lower Upper

42 100

72 47.1 37.4 56.0

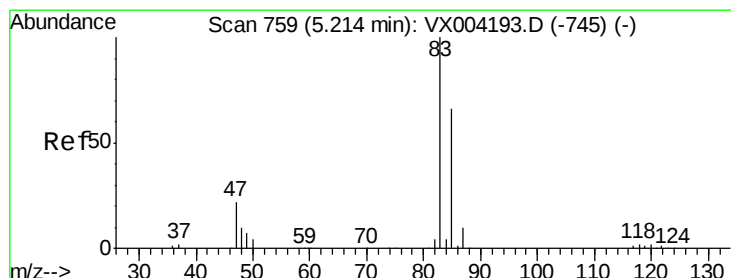
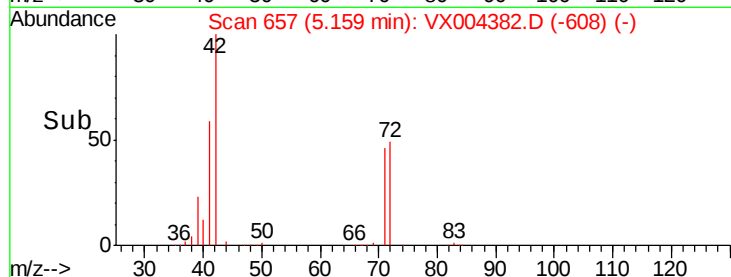
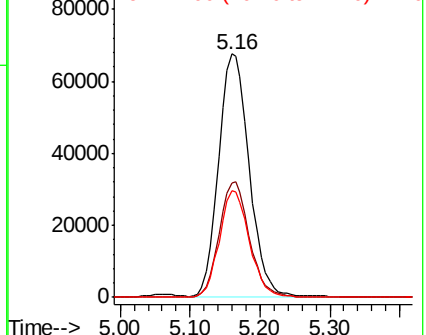
71 43.2 34.5 51.7



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: 19.10 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004382.D

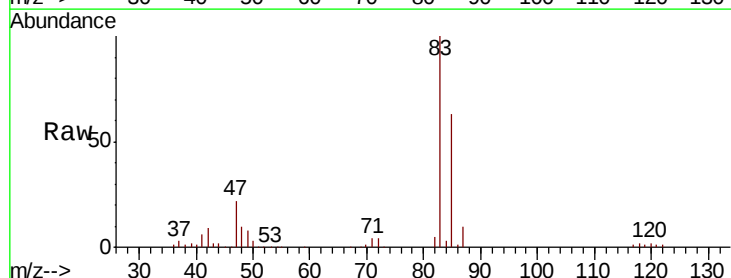
Acq: 06 Sep 2018 13:58

Tgt Ion: 83 Resp: 146370

Ion Ratio Lower Upper

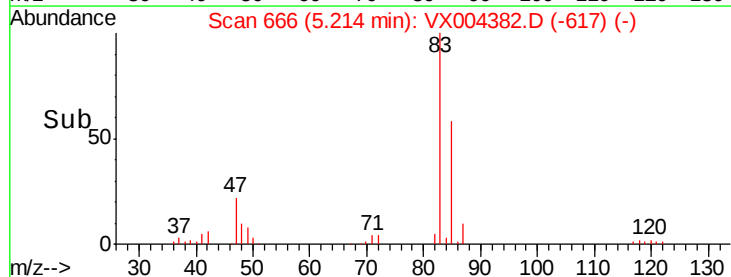
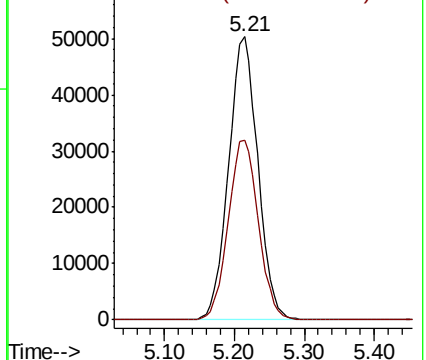
83 100

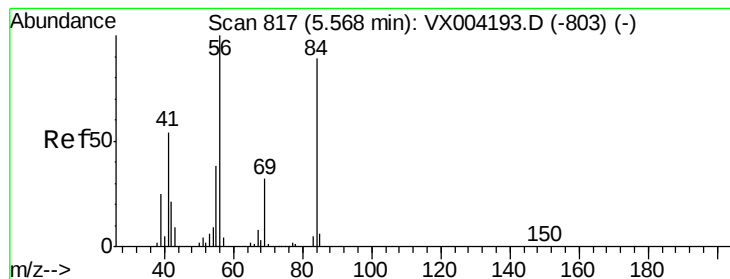
85 63.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.85 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0906WBS01

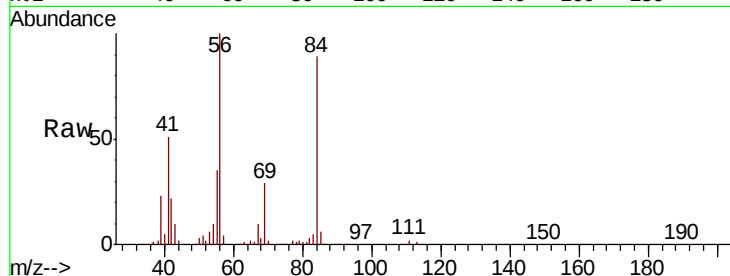
Tot Ion: 56 Resp: 117718

Ion Ratio Lower Upper

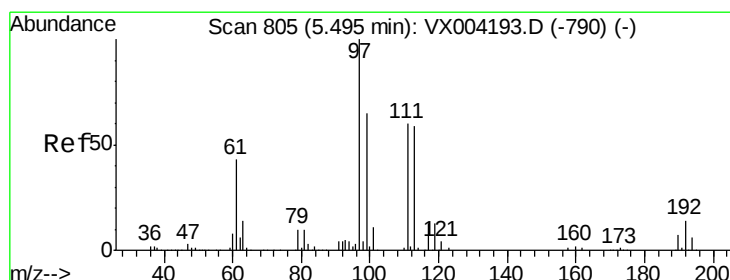
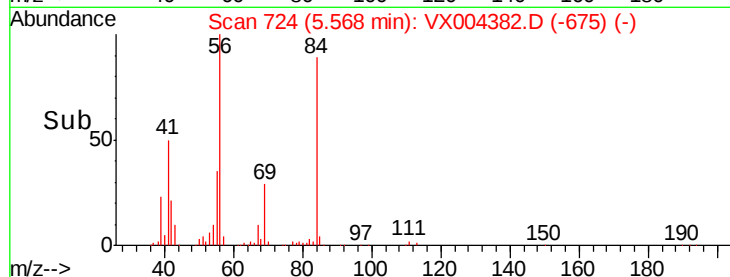
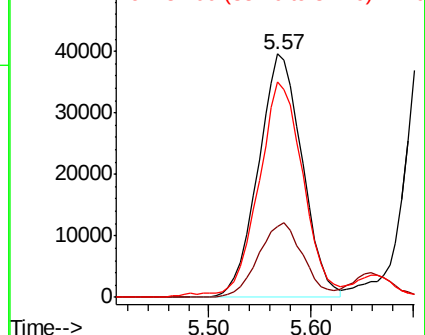
56 100

69 29.0 25.4 38.2

84 87.1 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 18.98 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

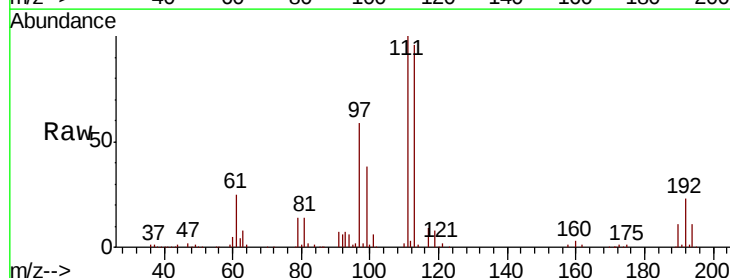
Tgt Ion: 97 Resp: 121235

Ion Ratio Lower Upper

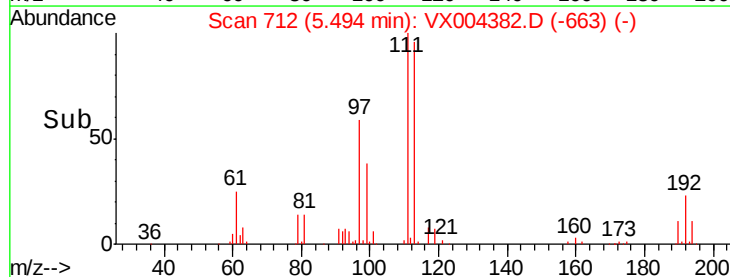
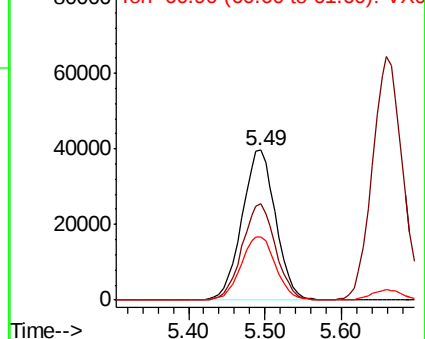
97 100

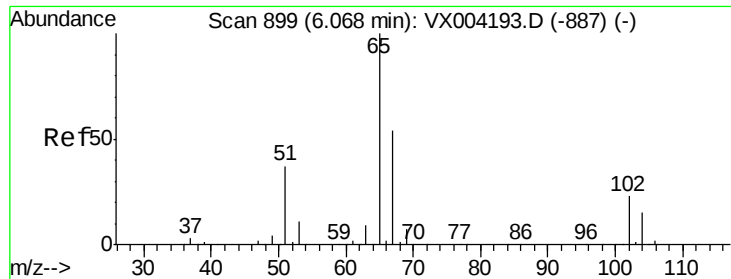
99 63.8 52.0 78.0

61 43.6 34.9 52.3



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

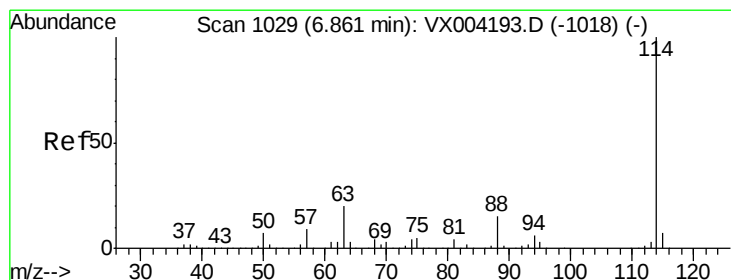
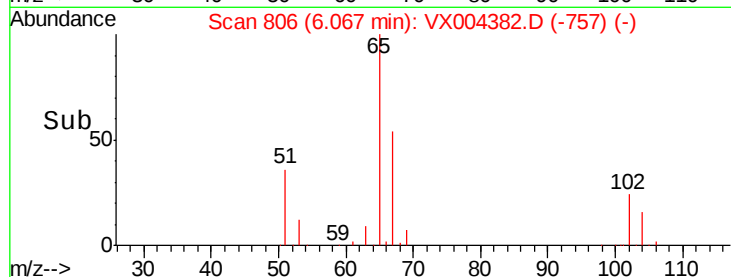
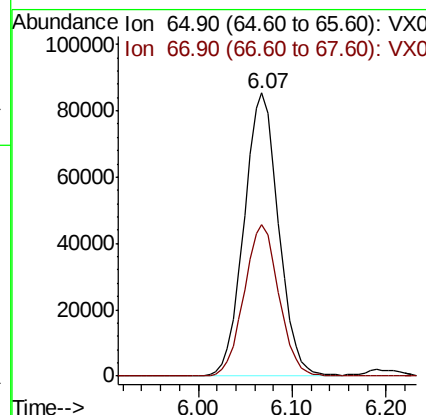
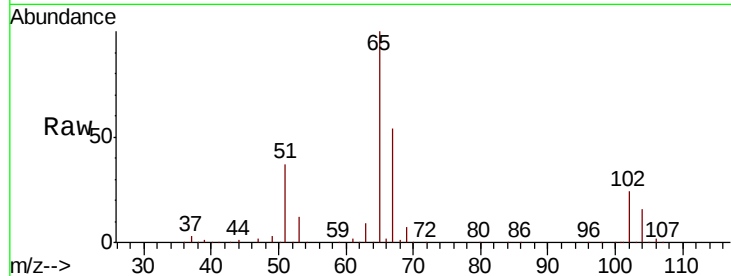




#33
 1,2-Dichloroethane-d4
 Concen: 46.55 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

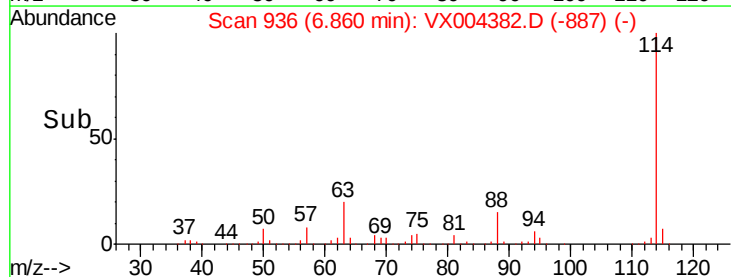
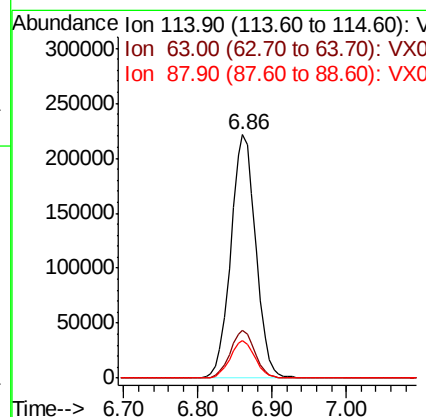
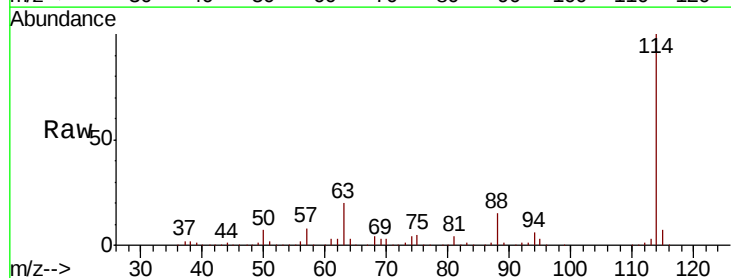
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

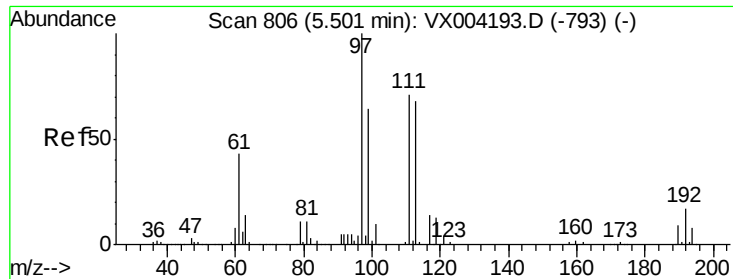
Tot Ion: 65 Resp: 218893
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion: 114 Resp: 519211
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.5 0.0 30.4

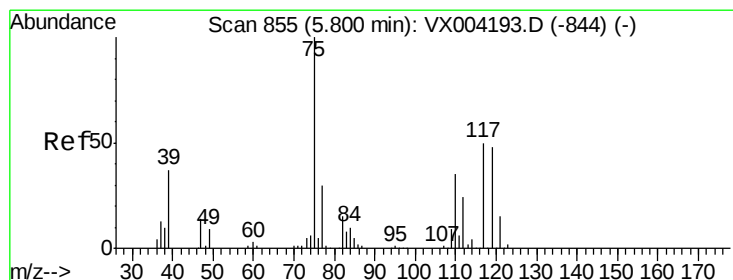
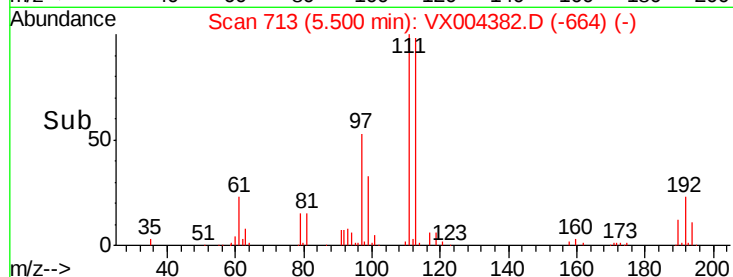
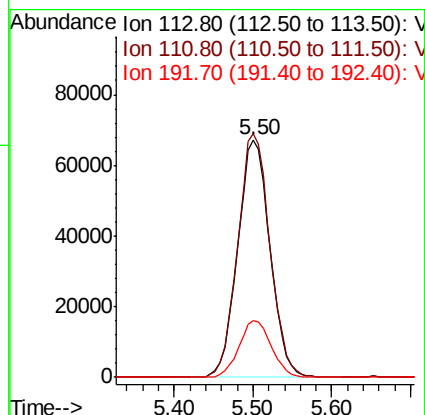
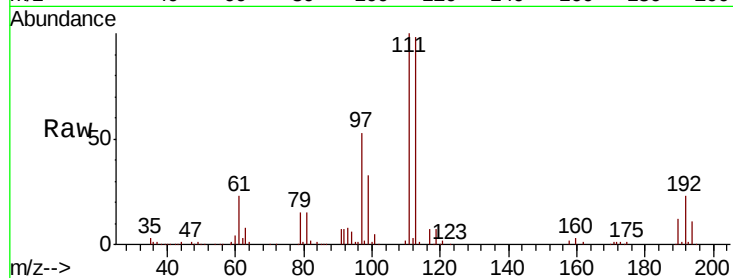




#35
 Dibromofluoromethane
 Concen: 49.48 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

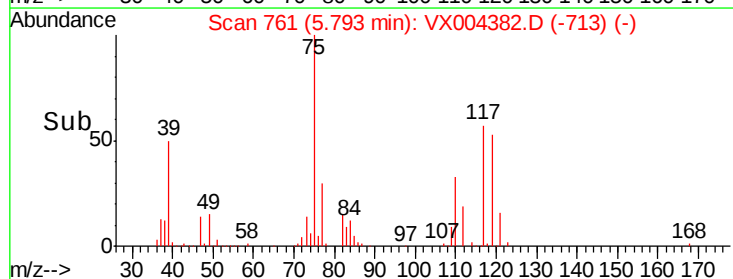
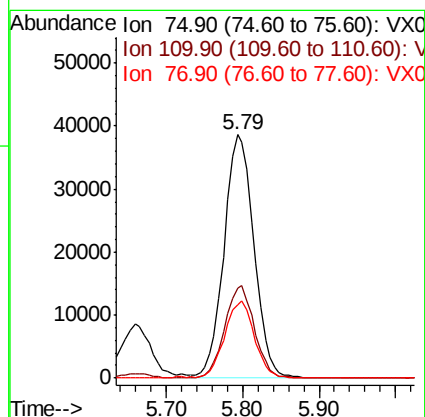
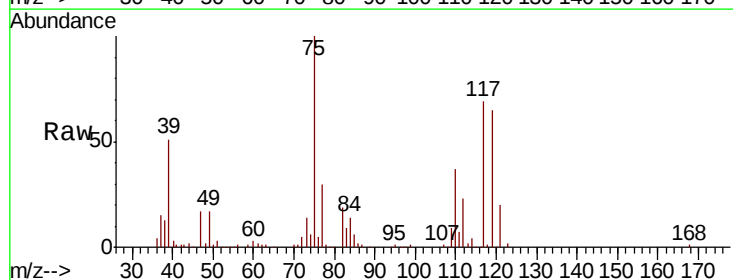
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	24.1	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 17.94 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.0	54.0
77	31.4	24.6	36.8

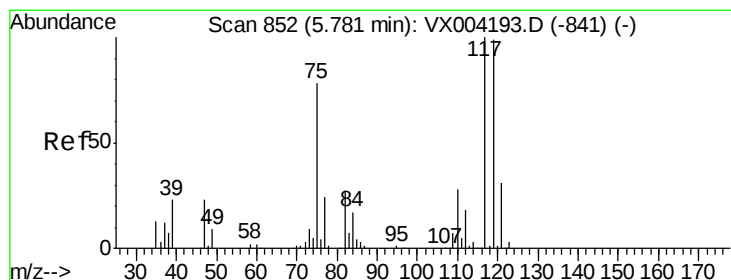
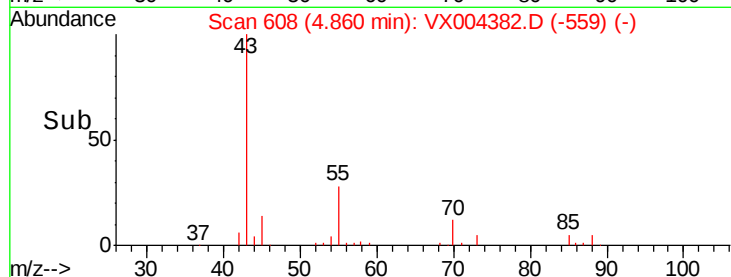
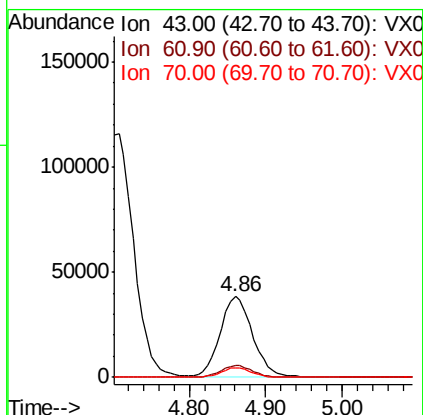
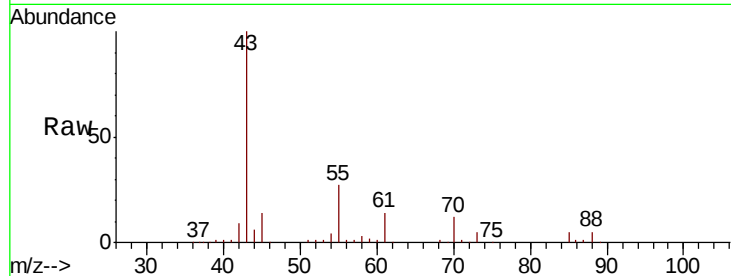




#37
Ethyl Acetate
Concen: 19.64 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

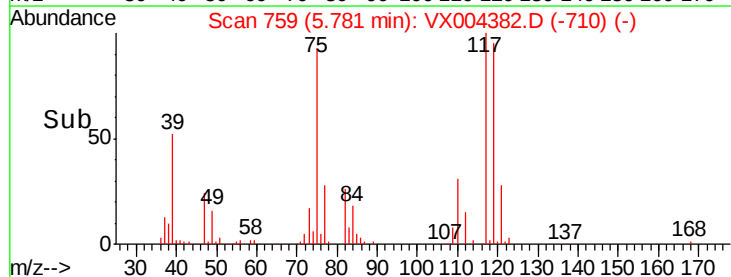
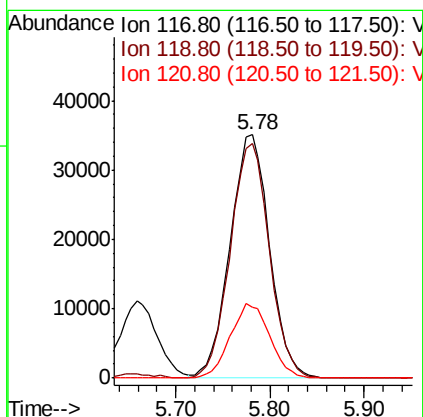
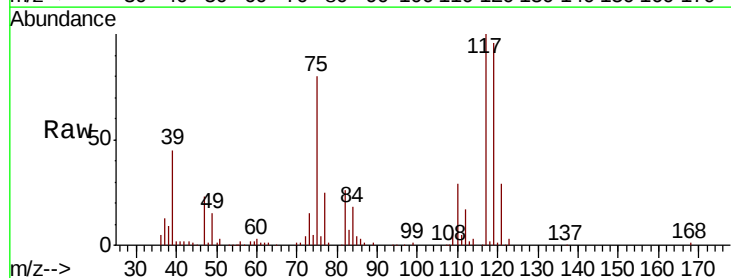
Instrument :
MSVOA_X
ClientSampled :
VX0906WBS01

Tot Ion: 43 Resp: 112739
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.58 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 117 Resp: 102047
Ion Ratio Lower Upper
117 100
119 96.4 78.8 118.2
121 29.1 24.9 37.3

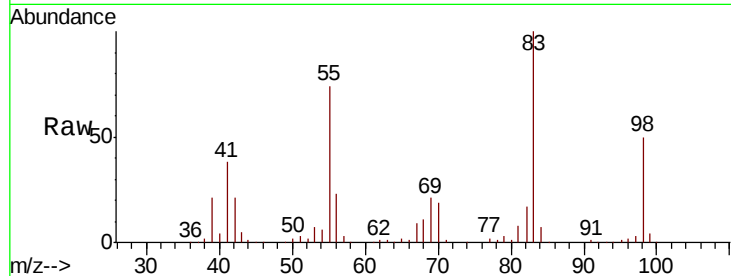




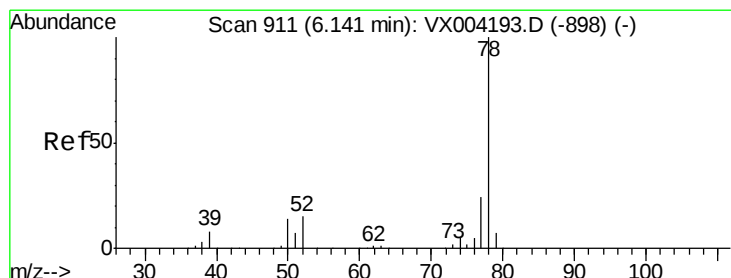
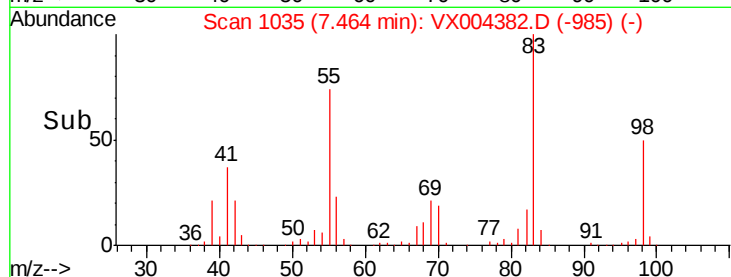
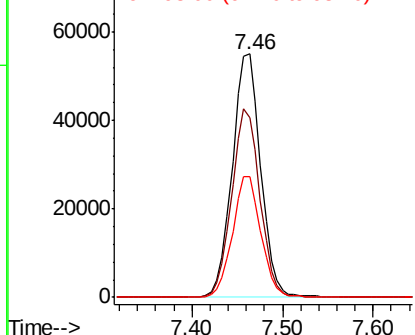
#39
Methvlcvclohexane
Concen: 17.98 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion: 83 Resp: 119820
Ion Ratio Lower Upper
83 100
55 73.8 61.0 91.4
98 49.8 39.6 59.4

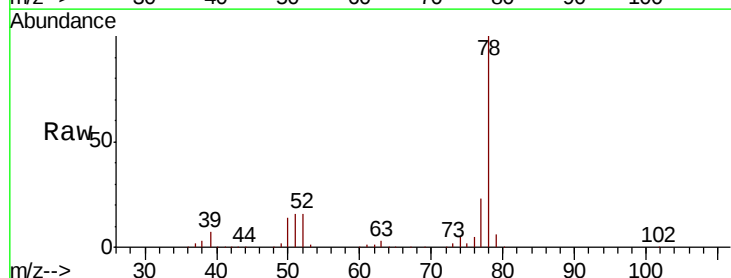


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

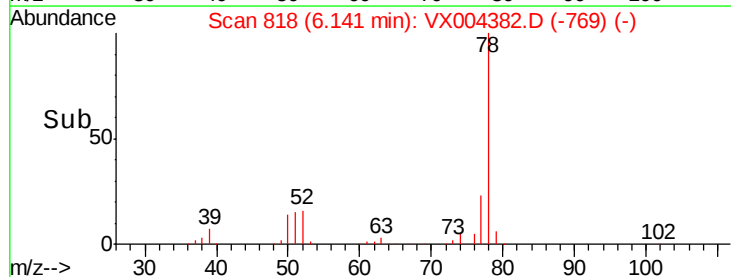
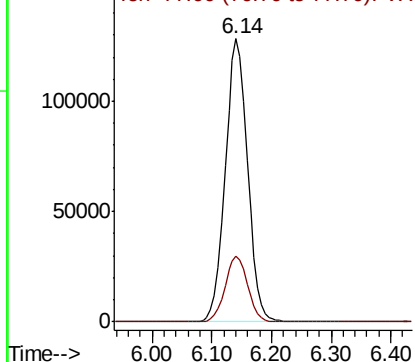


#40
Benzene
Concen: 19.11 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 78 Resp: 333232
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

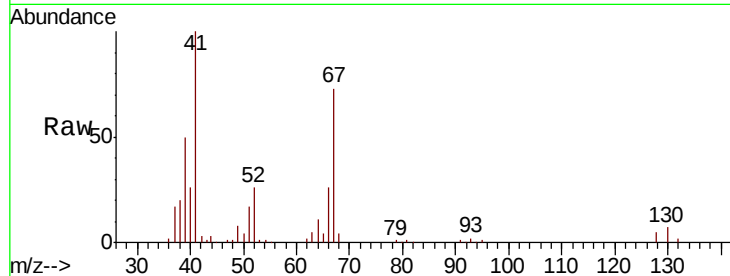




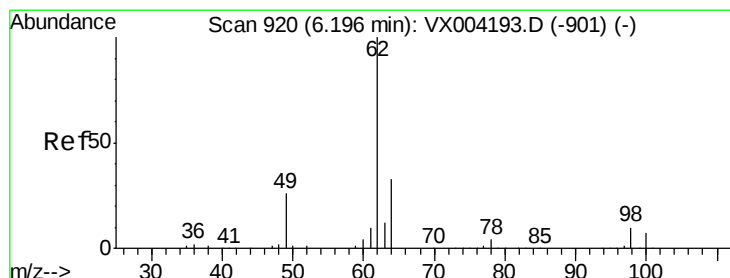
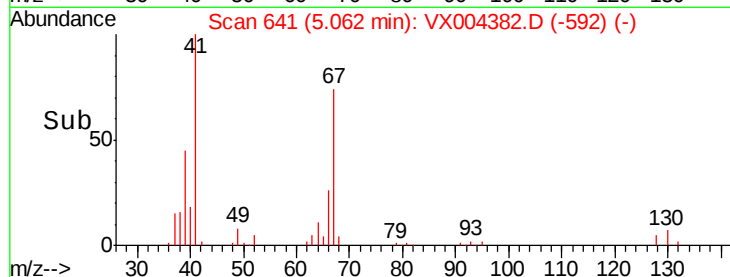
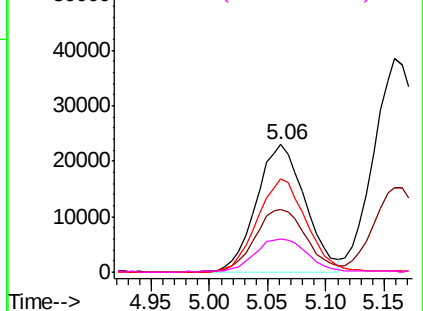
#41
Methacrylonitrile
Concen: 20.19 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion:	41	Resp:	67199
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.4	63.6
67	74.1	59.2	88.8
52	29.2	23.0	34.4

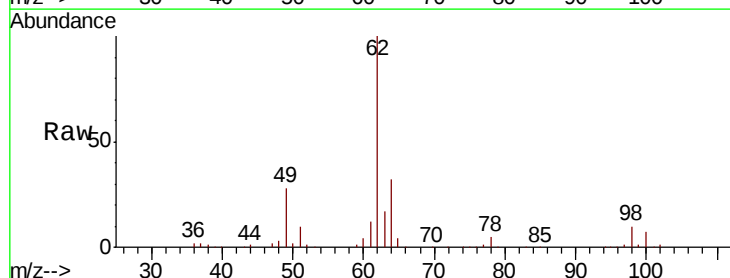


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

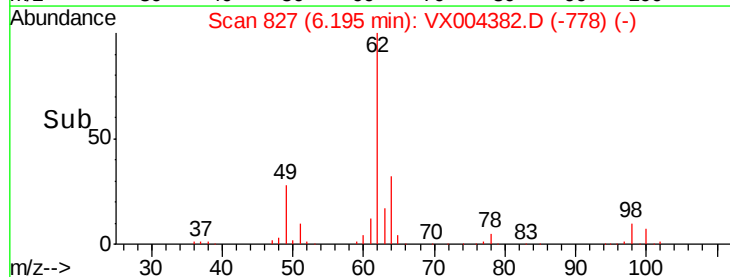
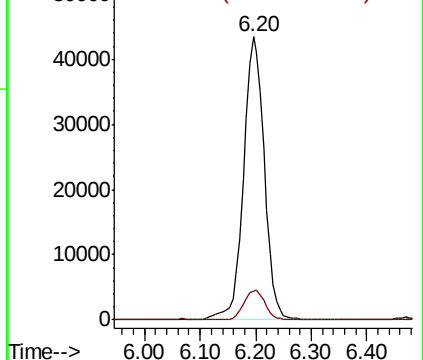


#42
1,2-Dichloroethane
Concen: 18.95 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion:	62	Resp:	112737
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6



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



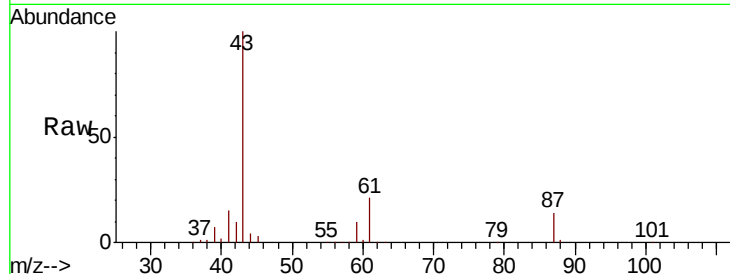


#43

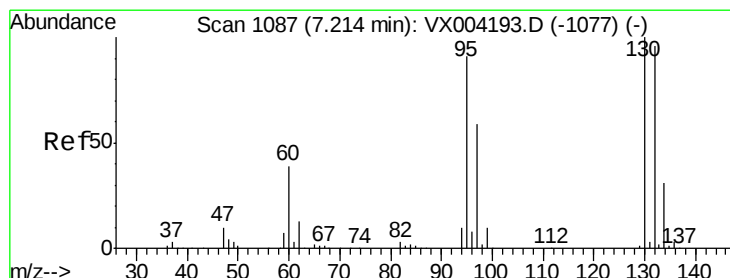
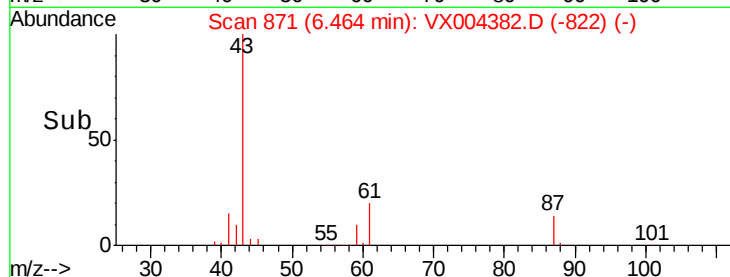
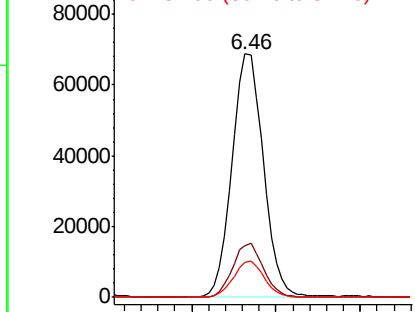
Isopropyl Acetate
 Concen: 19.61 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion: 43 Resp: 172983
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.0 25.4
 87 14.5 11.4 17.2



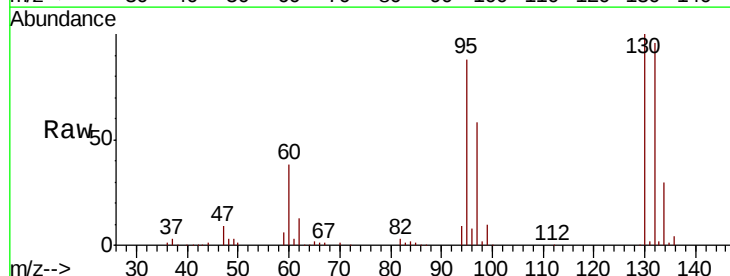
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



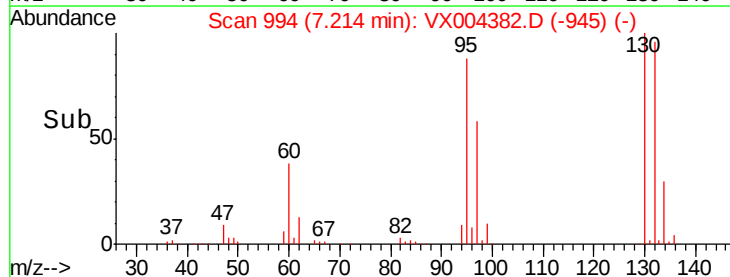
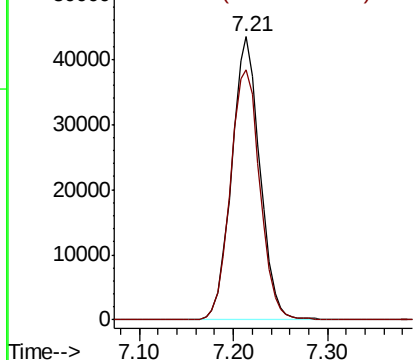
#44

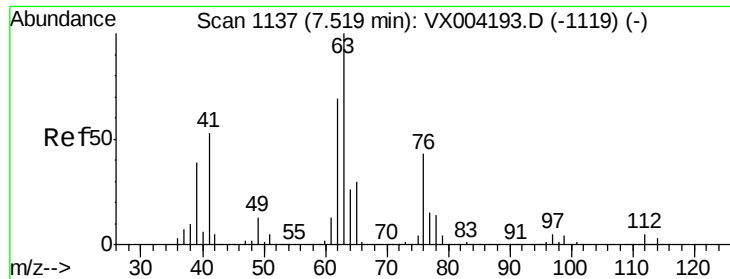
Trichloroethene
 Concen: 18.66 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion:130 Resp: 90113
 Ion Ratio Lower Upper
 130 100
 95 88.4 0.0 181.6



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

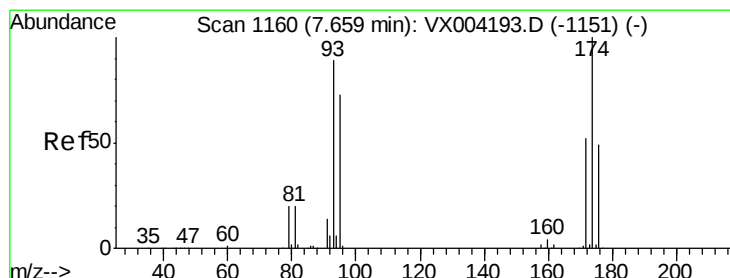
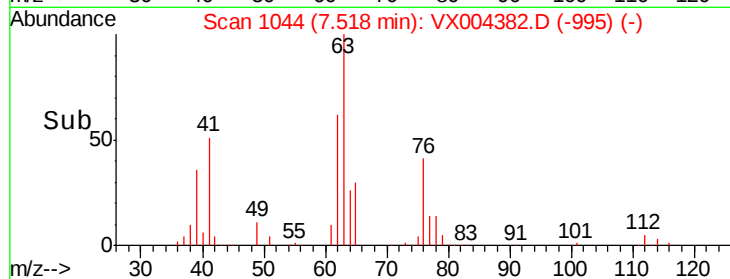
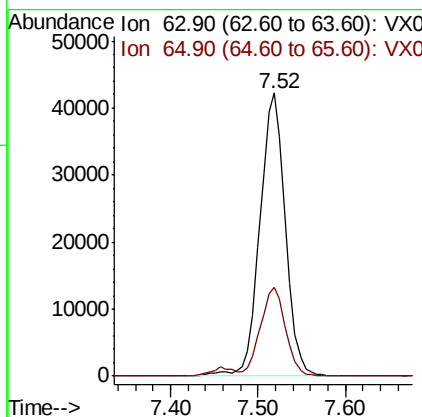
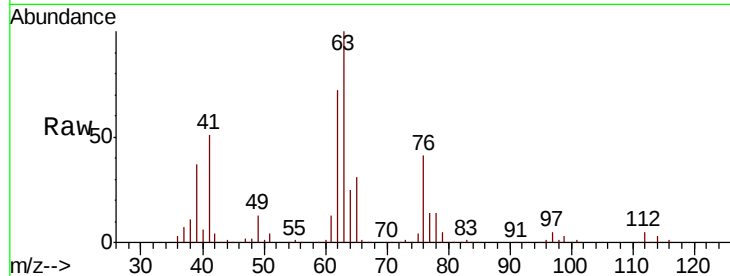




#45
 1,2-Dichloropropane
 Concen: 19.67 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

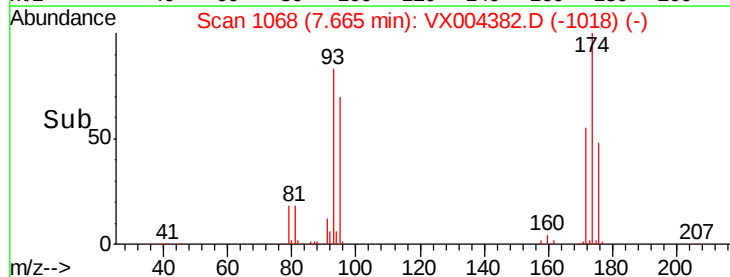
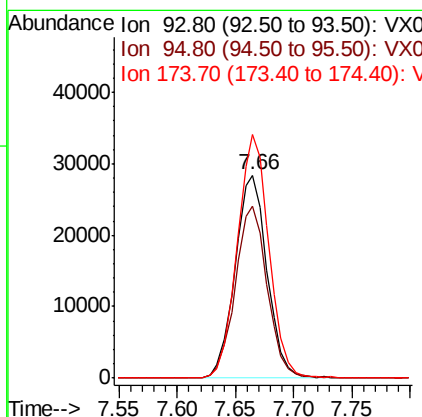
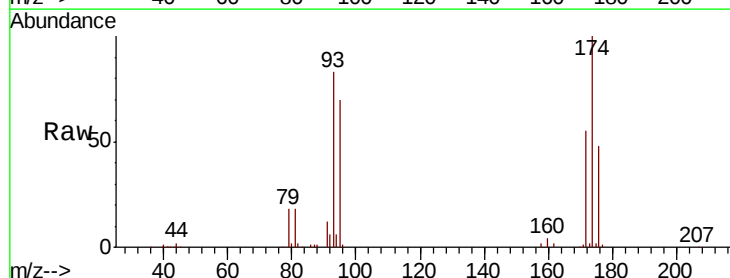
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion: 63 Resp: 85863
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5



#46
 Dibromomethane
 Concen: 18.68 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion: 93 Resp: 54296
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.5 98.3
 174 119.0 94.2 141.4





#47

Bromodichloromethane

Concen: 19.24 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

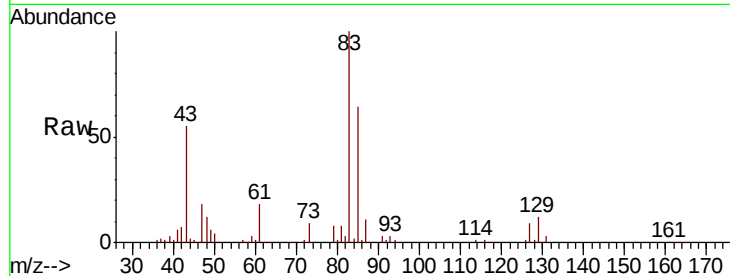
Tot Ion: 83 Resp: 104061

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

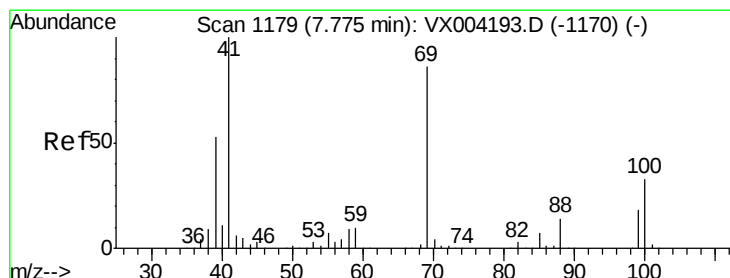
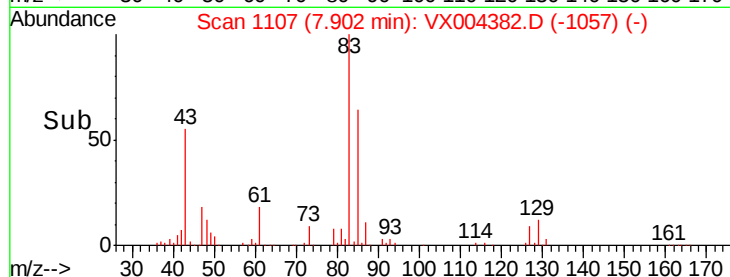
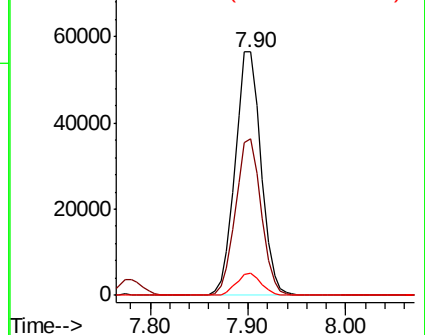
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.49 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

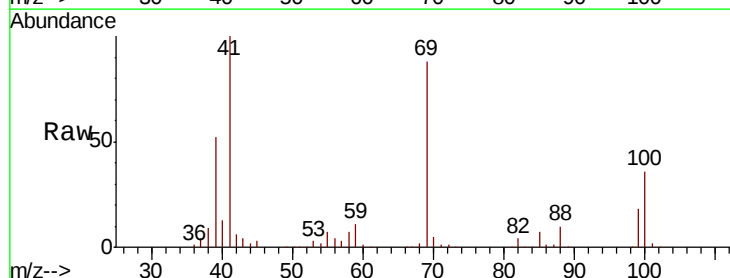
Tgt Ion: 41 Resp: 91995

Ion Ratio Lower Upper

41 100

69 88.5 70.2 105.4

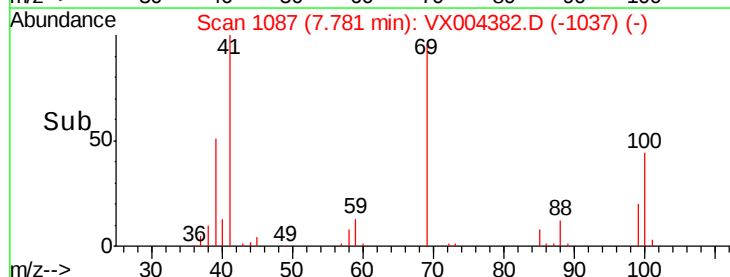
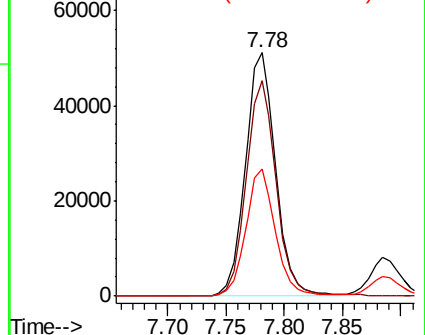
39 51.1 42.7 64.1

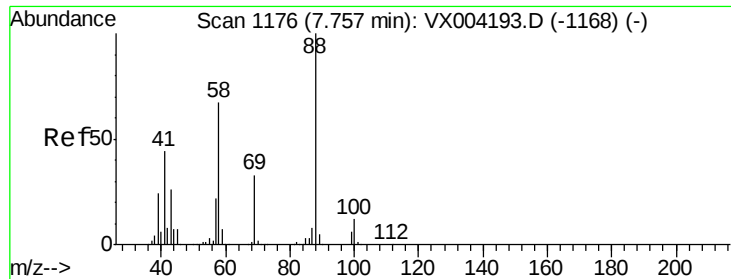


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

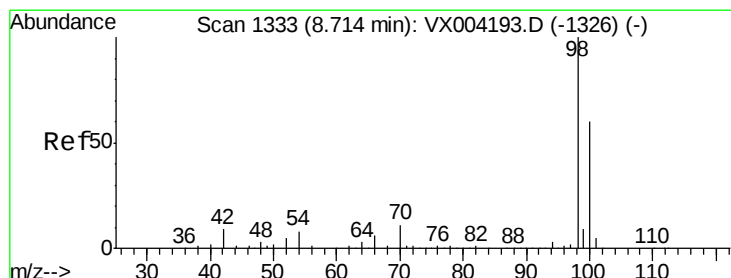
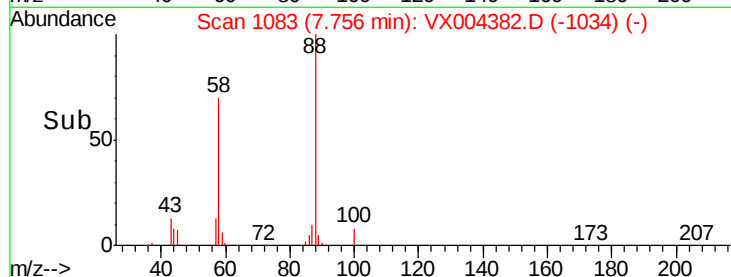
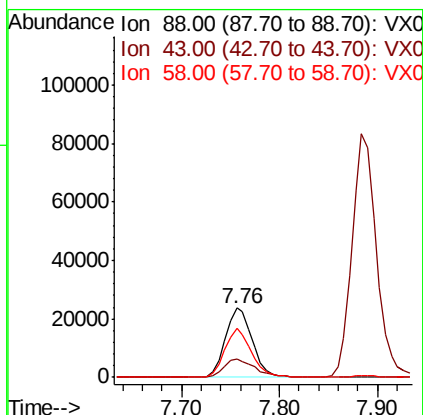
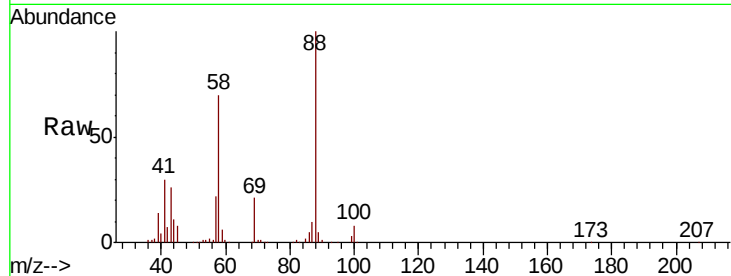




#49
 1,4-Dioxane
 Concen: 423.10 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

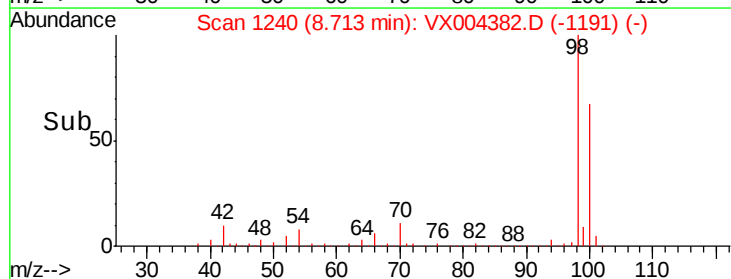
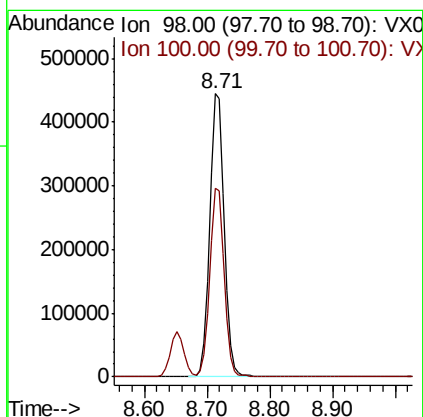
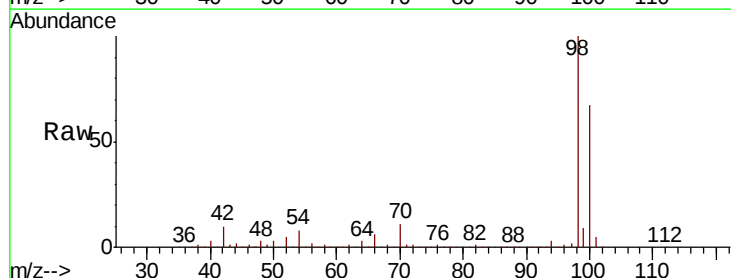
Instrument :
 MSVOA_X
 ClientSampled :
 VX0906WBS01

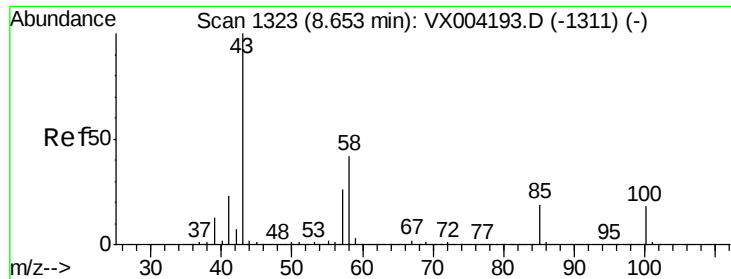
Tot Ion: 88 Resp: 45342
 Ion Ratio Lower Upper
 88 100
 43 30.4 24.7 37.1
 58 69.0 55.3 82.9



#50
 Toluene-d8
 Concen: 48.41 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion: 98 Resp: 705832
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 96.83 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

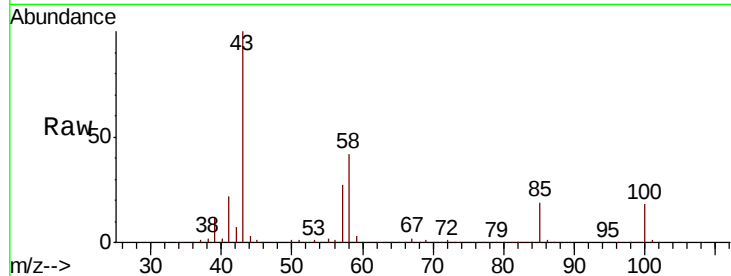
VX0906WBS01

Tot Ion: 43 Resp: 620640

Ion Ratio Lower Upper

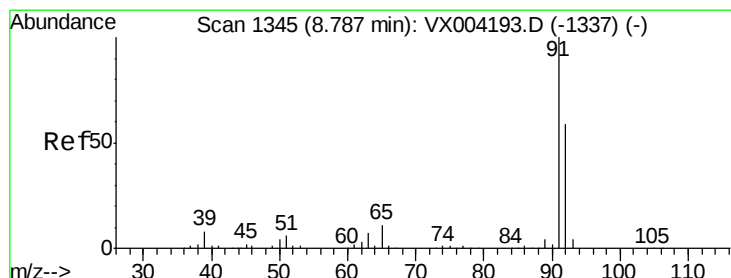
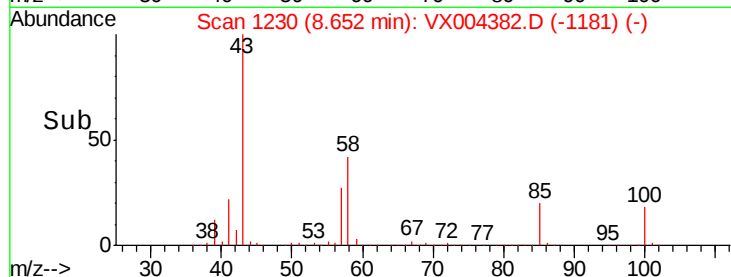
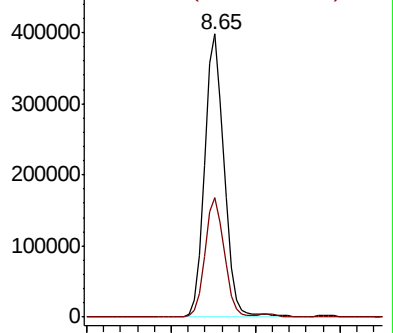
43 100

58 41.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.32 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004382.D

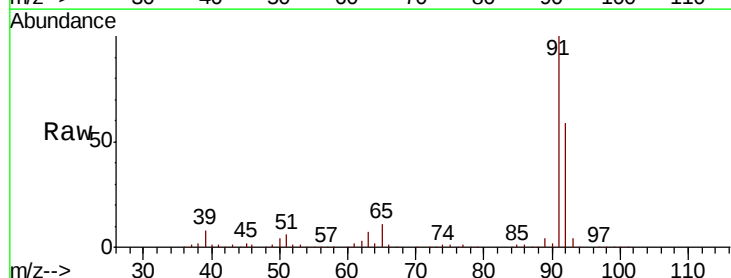
Acq: 06 Sep 2018 13:58

Tgt Ion: 92 Resp: 210887

Ion Ratio Lower Upper

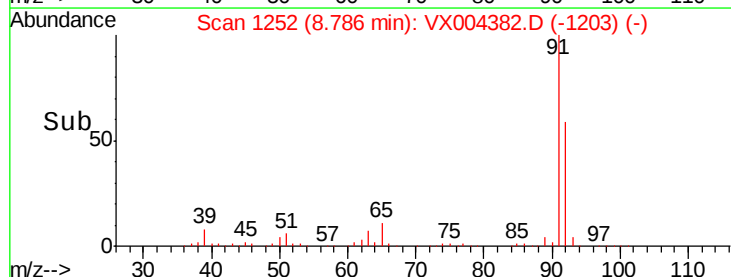
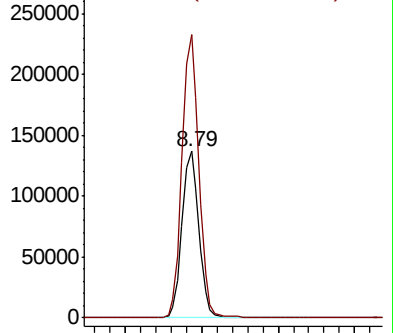
92 100

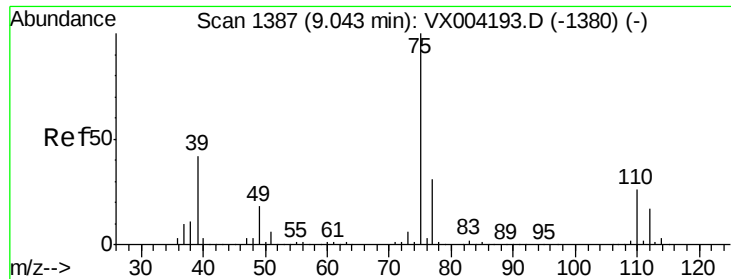
91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.05 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

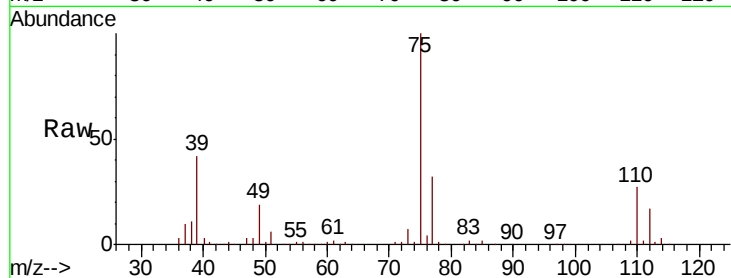
VX0906WBS01

Tot Ion: 75 Resp: 113821

Ion Ratio Lower Upper

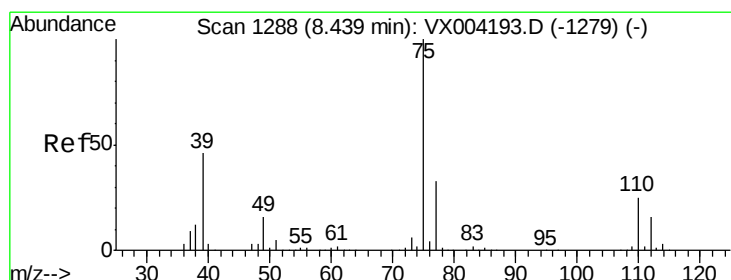
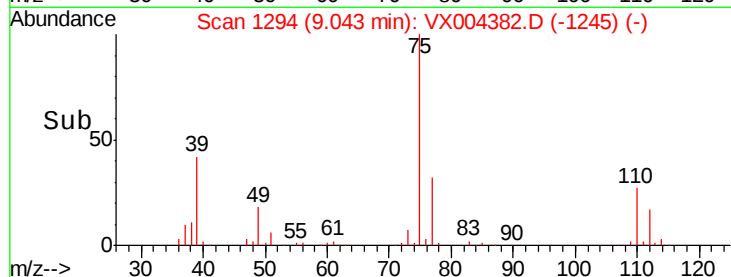
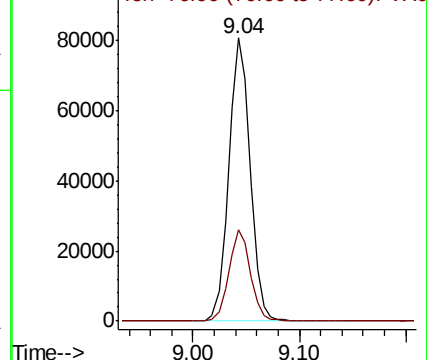
75 100

77 32.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.62 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

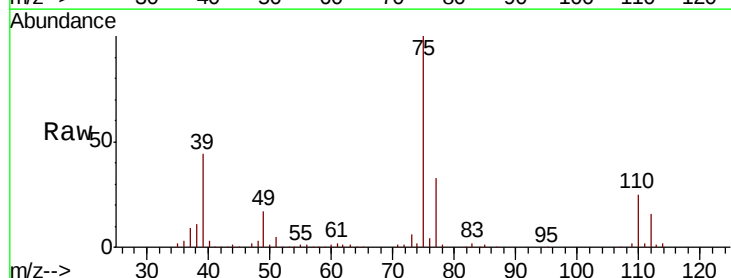
Tgt Ion: 75 Resp: 127671

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

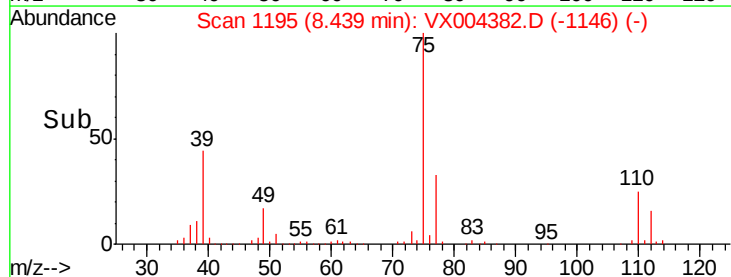
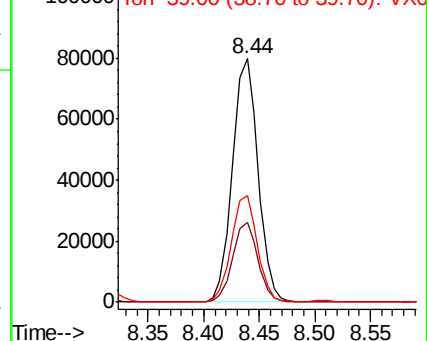
39 43.9 36.4 54.6

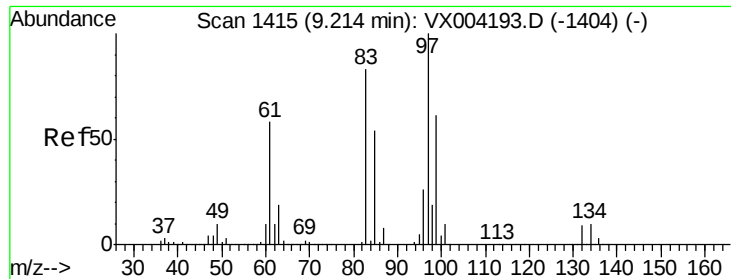


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

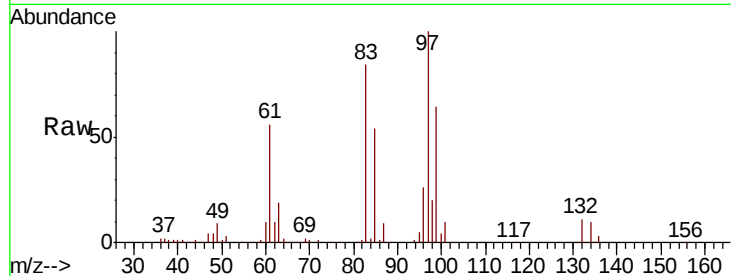




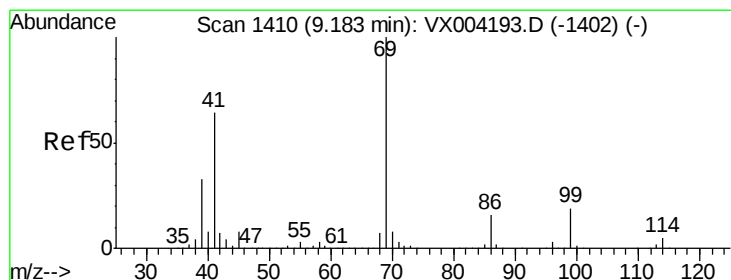
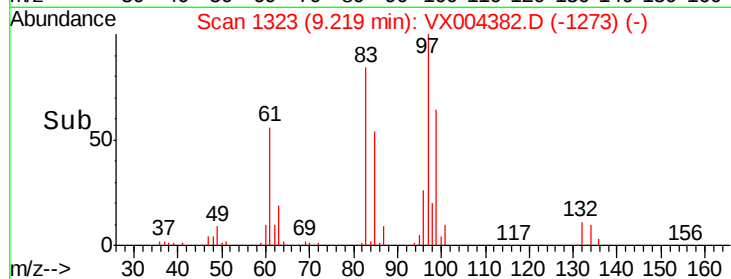
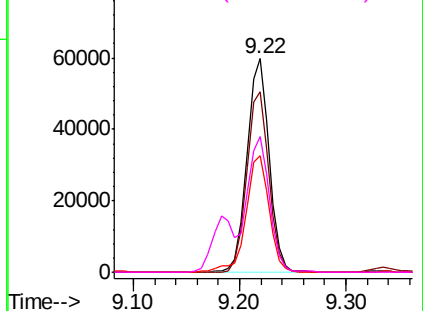
#55
 1,1,2-Trichloroethane
 Concen: 19.84 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion:	97	Resp:	87440
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	54.4	43.3	64.9
99	63.7	49.0	73.4

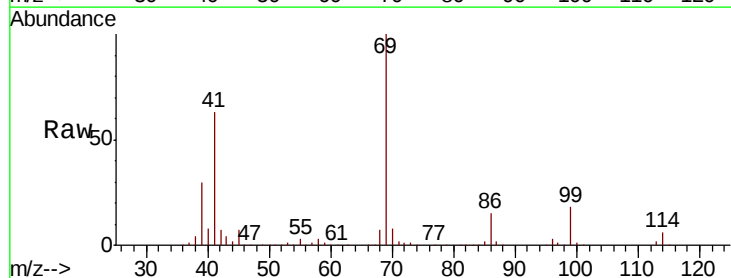


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

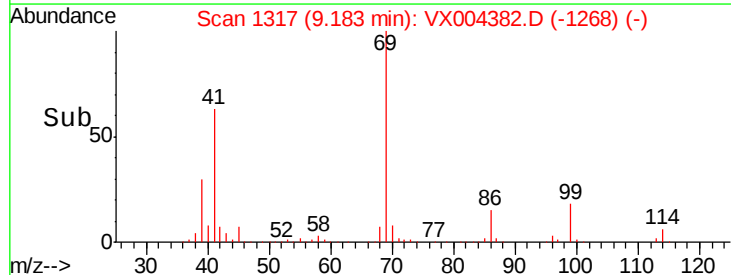
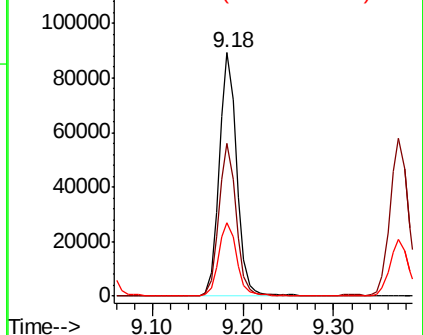


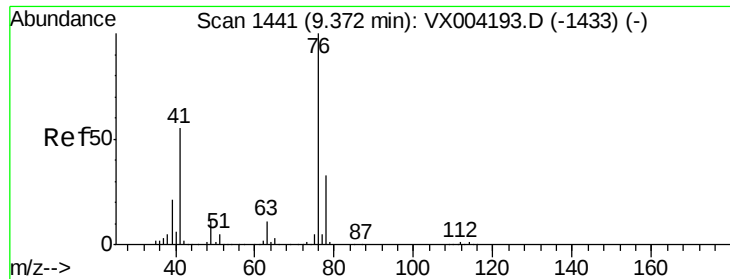
#56
 Ethyl methacrylate
 Concen: 20.11 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion:	69	Resp:	120681
Ion	Ratio	Lower	Upper
69	100		
41	62.0	51.0	76.4
39	31.7	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: 19.80 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

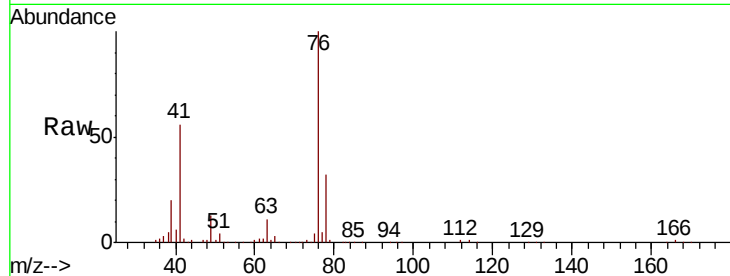
VX0906WBS01

Tot Ion: 76 Resp: 147072

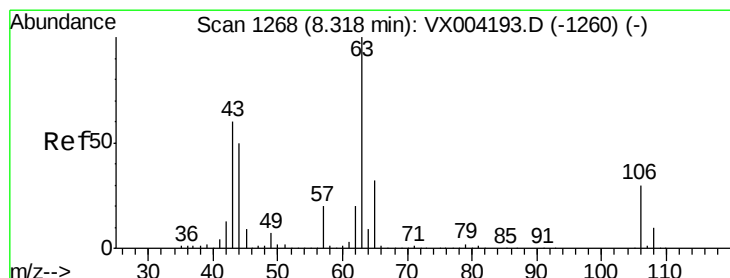
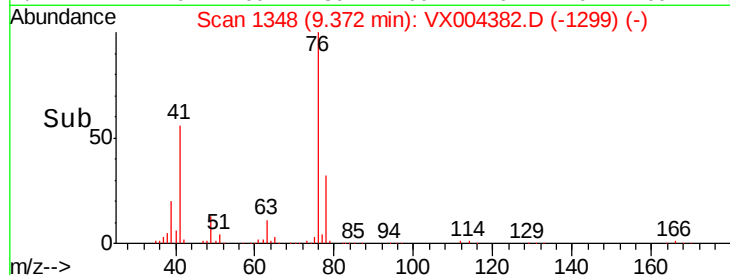
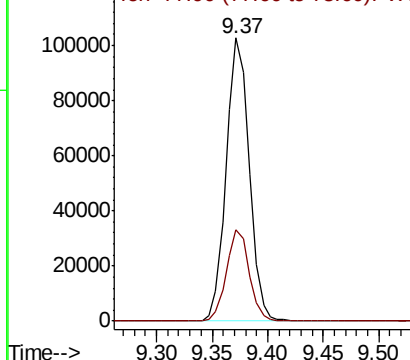
Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.66 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004382.D

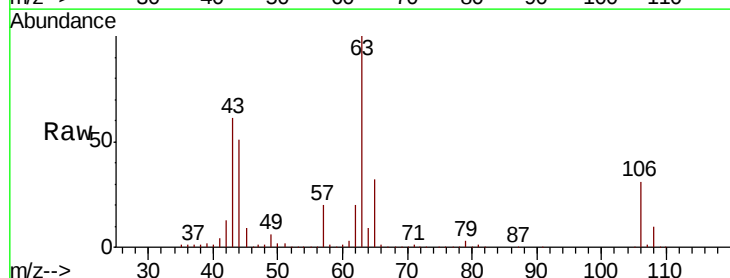
Acq: 06 Sep 2018 13:58

Tgt Ion: 63 Resp: 315582

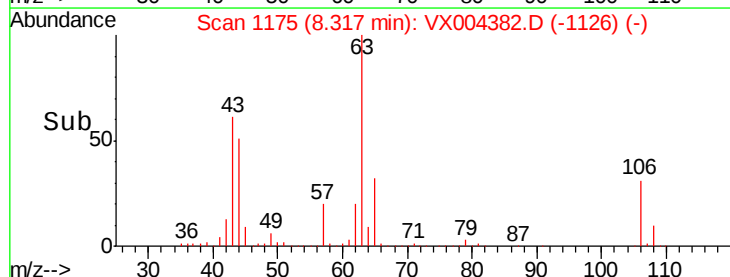
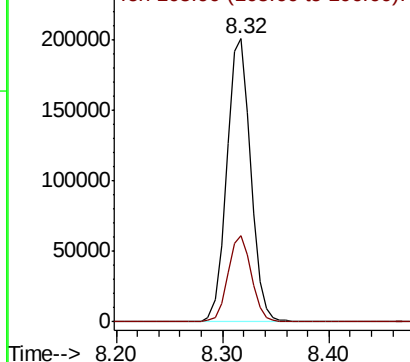
Ion Ratio Lower Upper

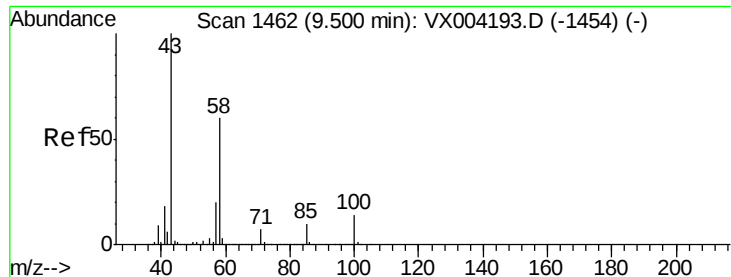
63 100

106 30.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

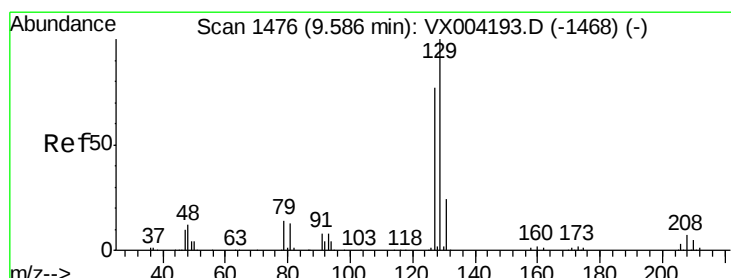
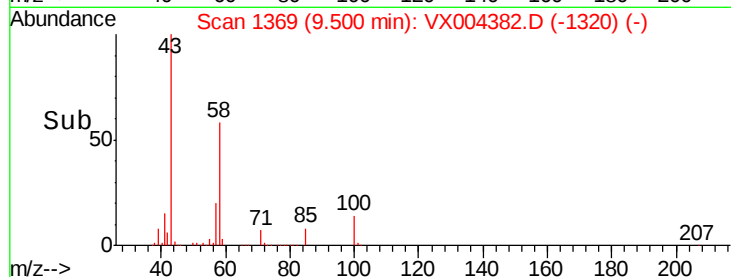
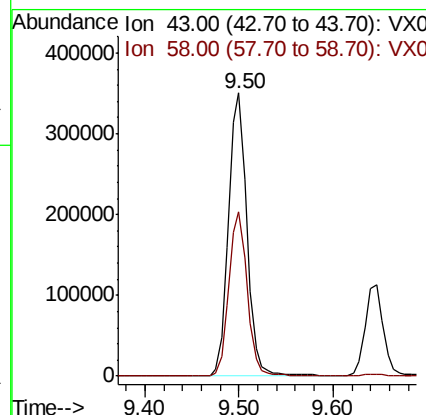
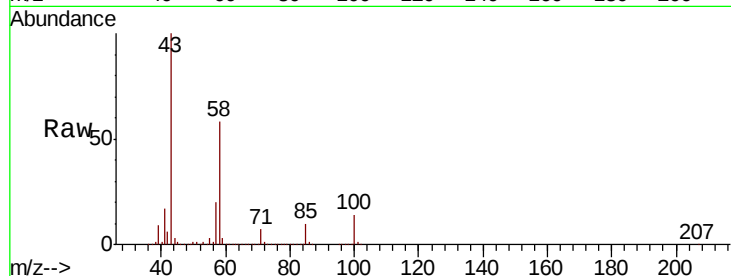




#59
2-Hexanone
Concen: 97.47 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

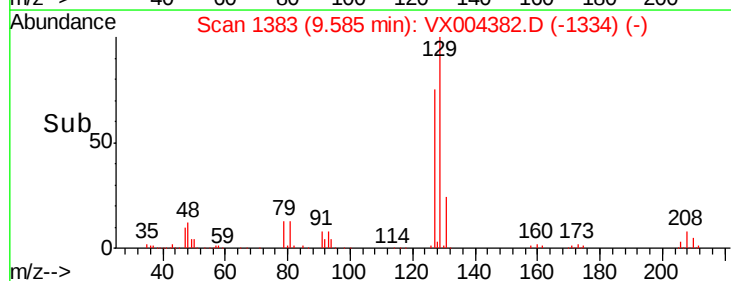
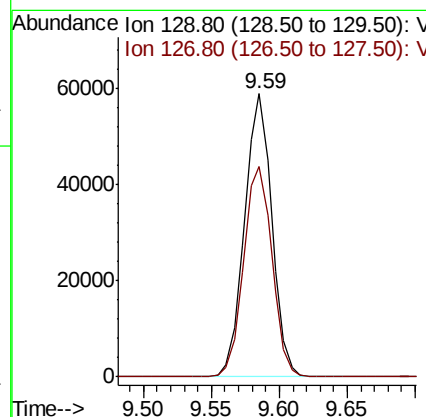
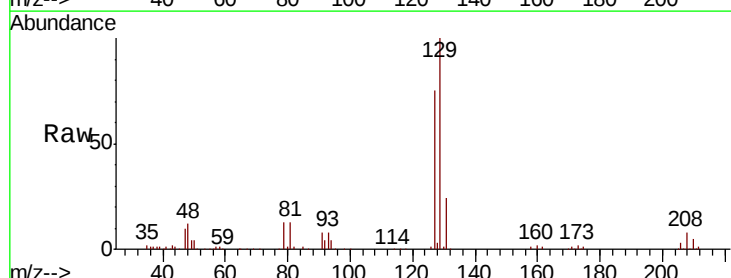
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

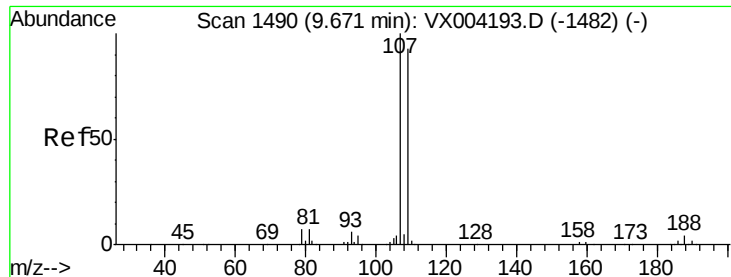
Tot Ion: 43 Resp: 476617
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 19.28 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 129 Resp: 82804
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.36 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

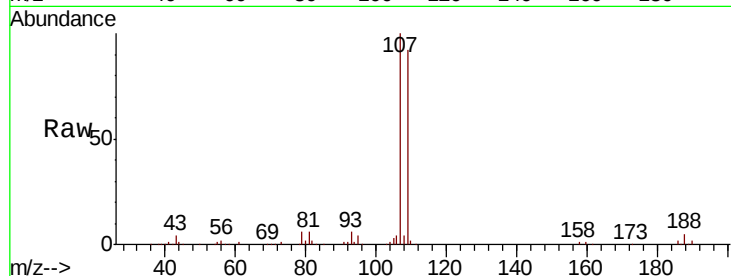
VX0906WBS01

Tot Ion:107 Resp: 88296

Ion Ratio Lower Upper

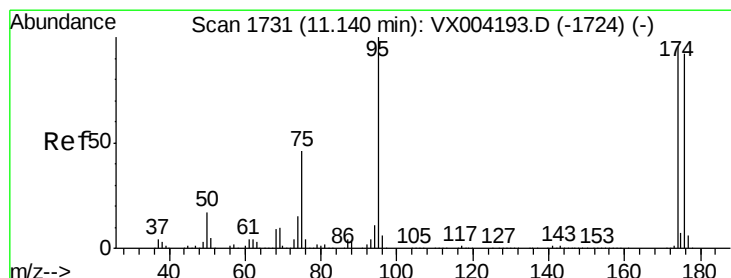
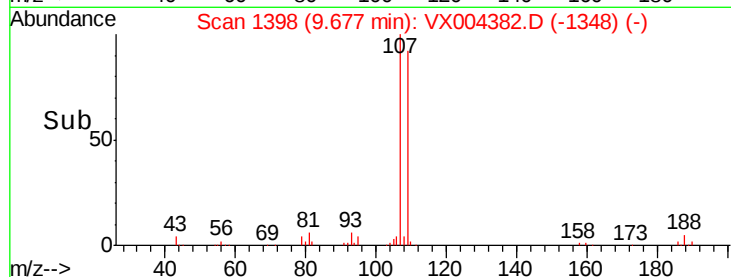
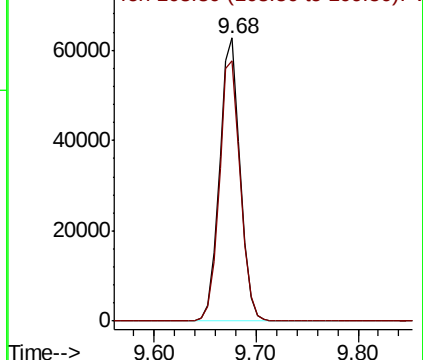
107 100

109 94.1 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: 49.12 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

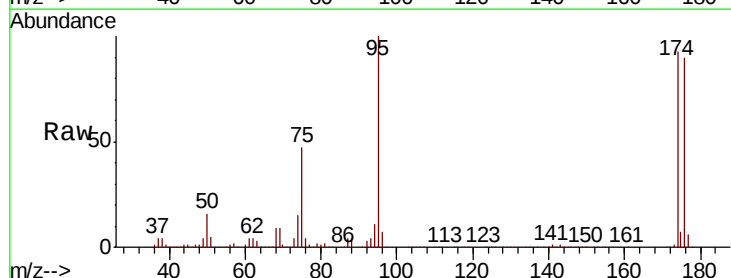
Tgt Ion: 95 Resp: 267217

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.2

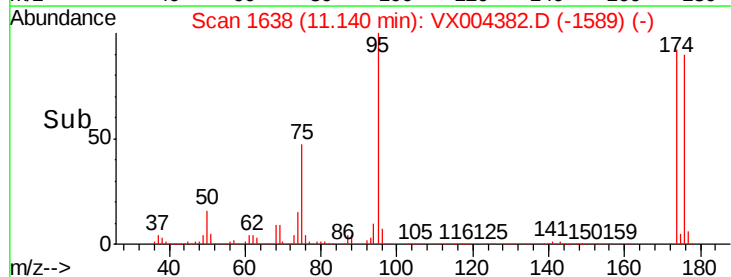
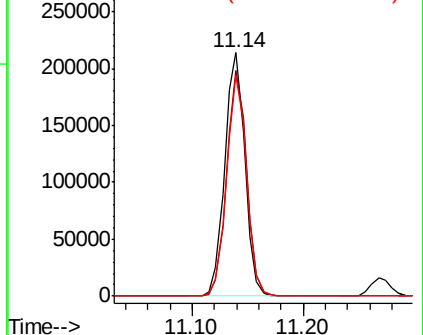
176 89.4 0.0 178.6

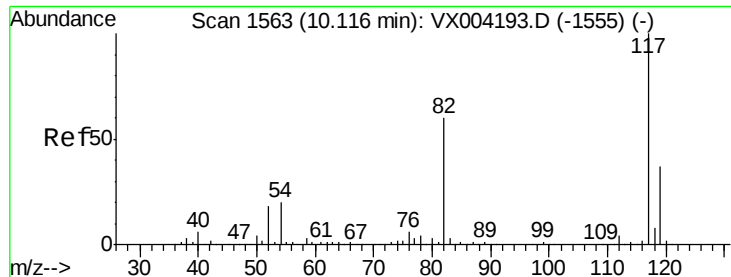


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

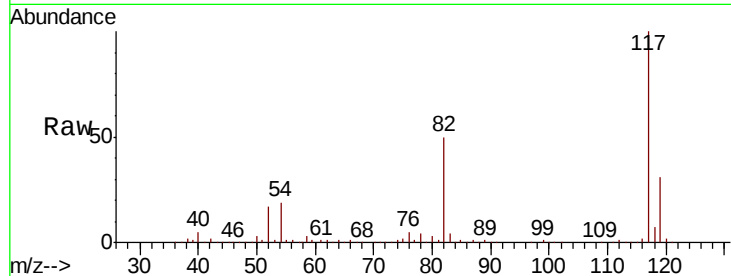




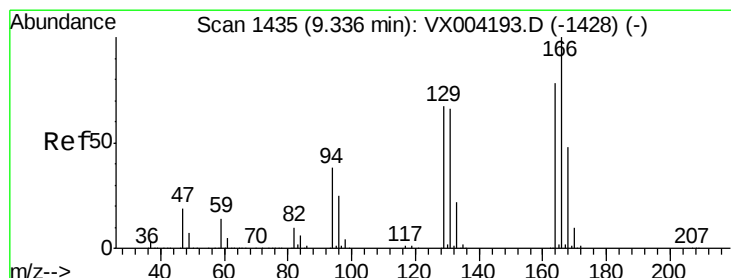
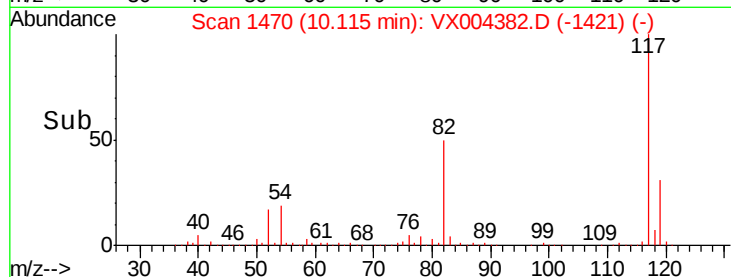
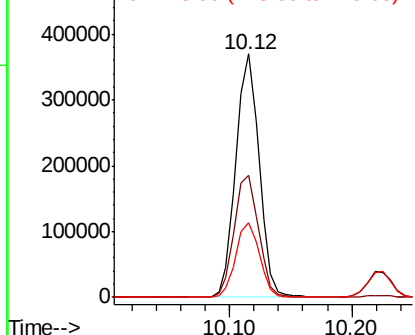
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion:117 Resp: 487837
Ion Ratio Lower Upper
117 100
82 50.0 47.8 71.6
119 30.7 29.3 43.9

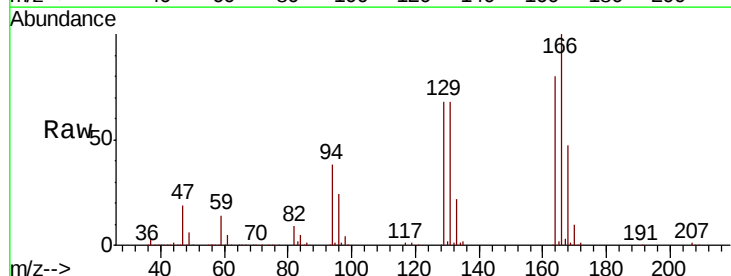


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

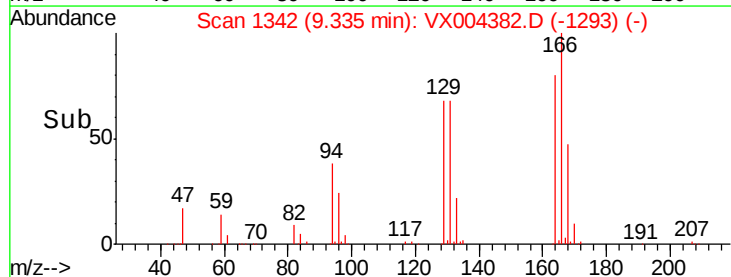
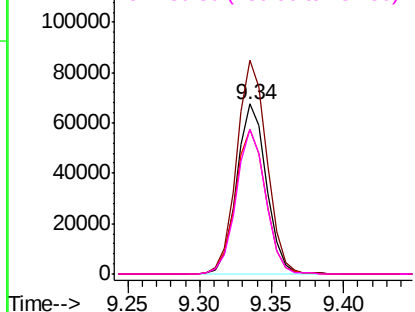


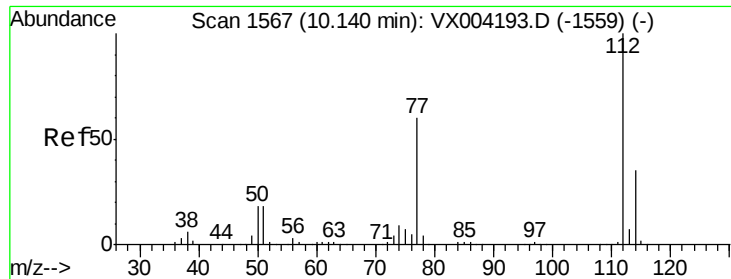
#64
Tetrachloroethene
Concen: 20.15 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion:164 Resp: 97117
Ion Ratio Lower Upper
164 100
166 125.6 102.8 154.2
129 84.8 69.4 104.0
131 85.1 67.9 101.9



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

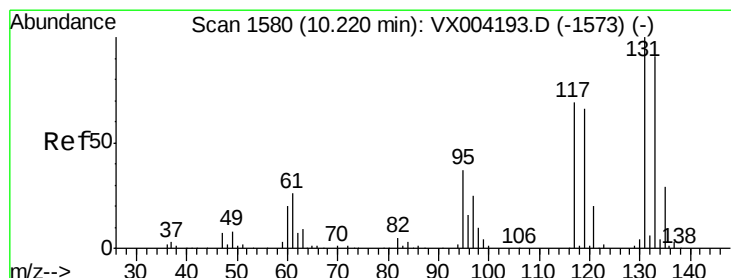
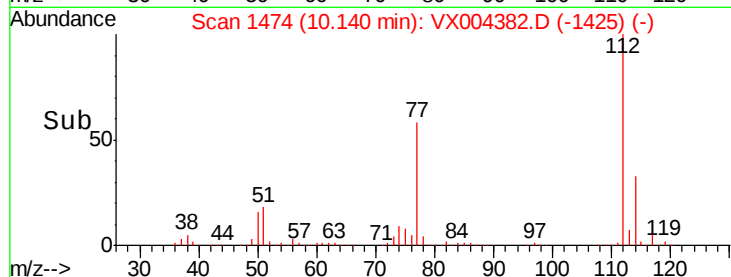
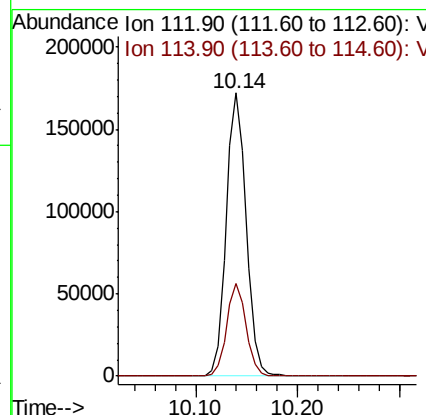
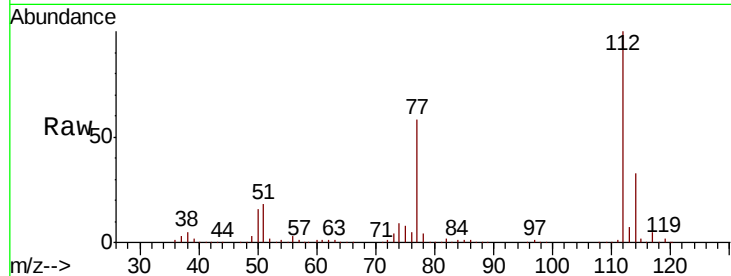




#65
Chlorobenzene
Concen: 19.15 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

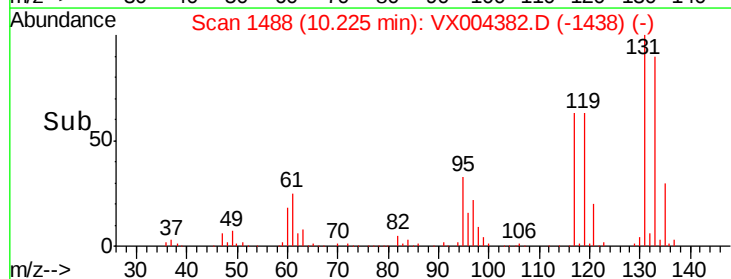
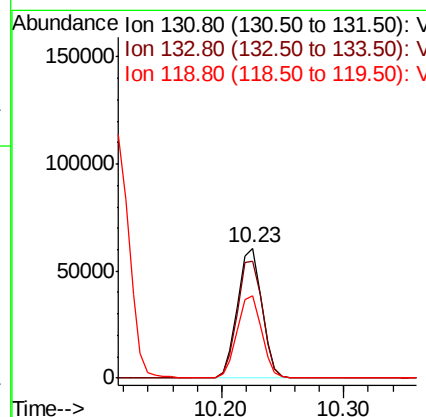
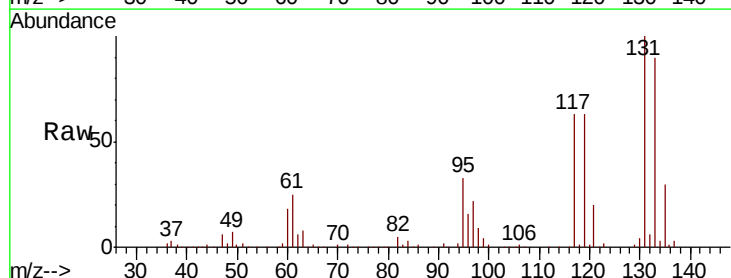
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

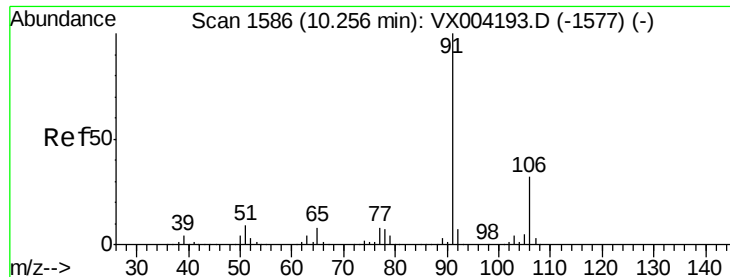
Tot Ion:112 Resp: 234442
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.75 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion:131 Resp: 83418
Ion Ratio Lower Upper
131 100
133 93.7 48.1 144.4
119 64.3 32.9 98.6

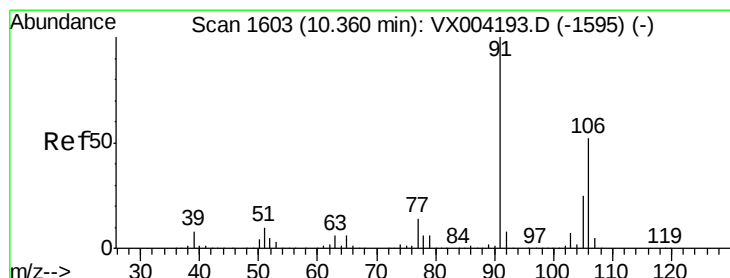
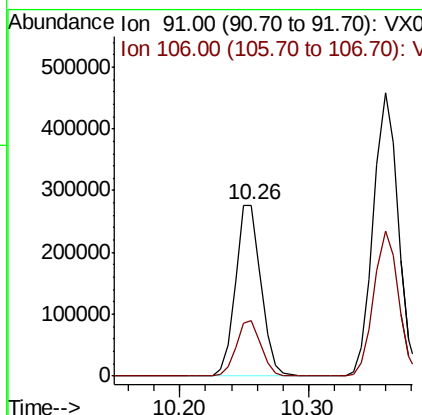
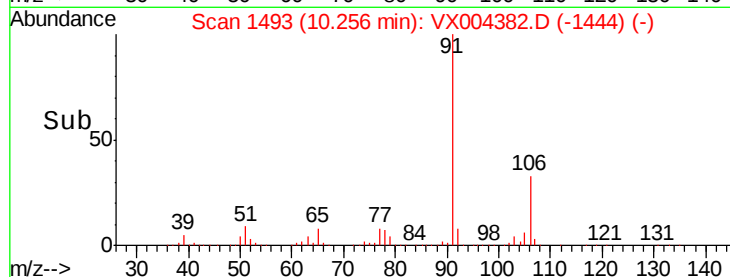
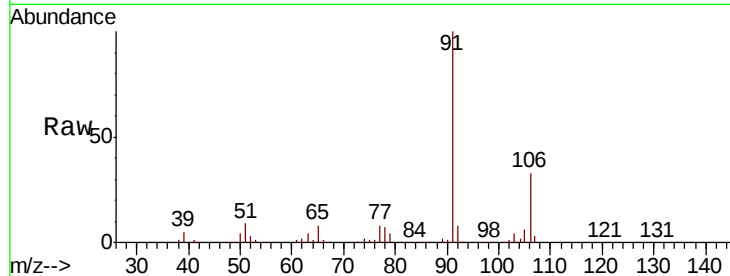




#67
Ethyl Benzene
Concen: 19.13 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

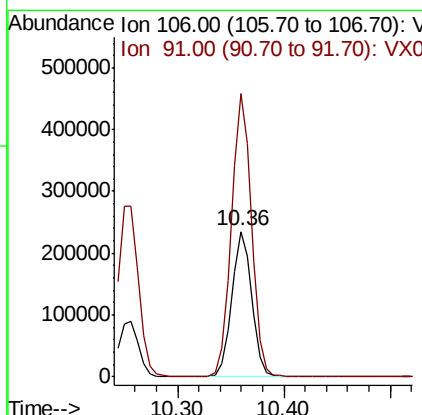
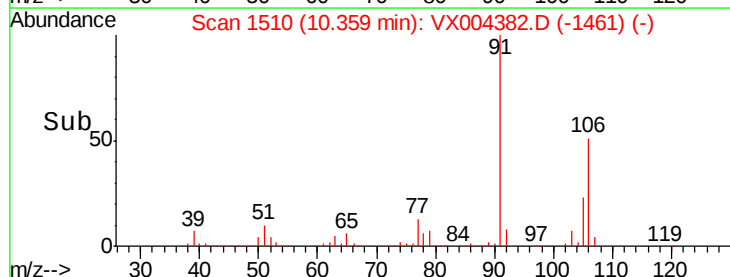
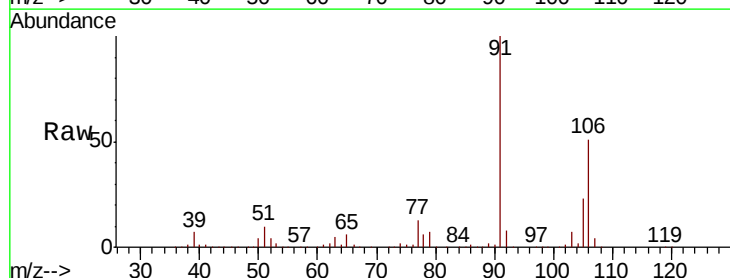
Instrument :
MSVOA_X
ClientSampled :
VX0906WBS01

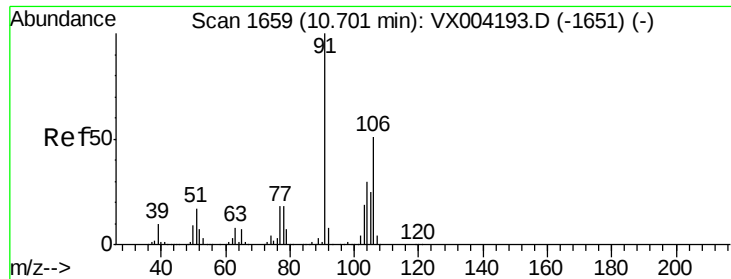
Tot Ion: 91 Resp: 380285
Ion Ratio Lower Upper
91 100
106 32.7 25.9 38.9



#68
m/p-Xylenes
Concen: 39.79 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 106 Resp: 309362
Ion Ratio Lower Upper
106 100
91 195.7 157.1 235.7

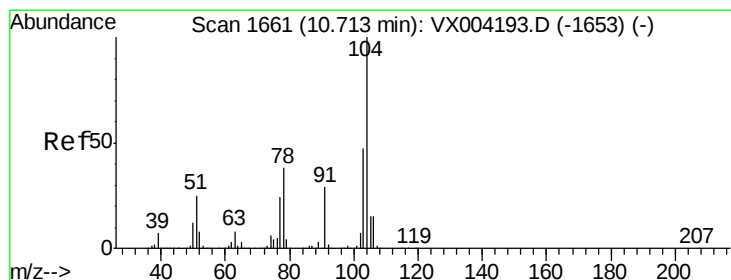
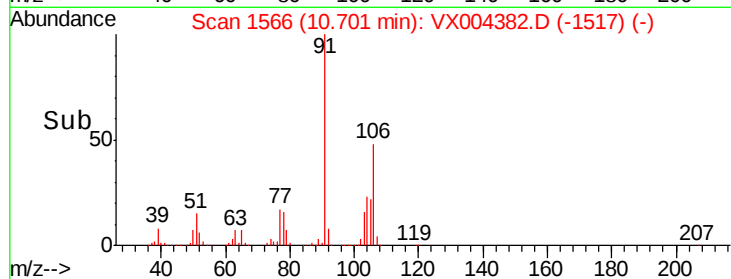
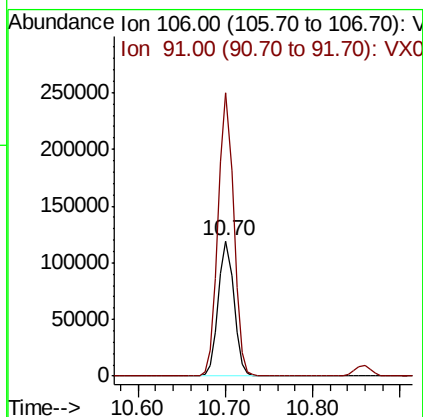
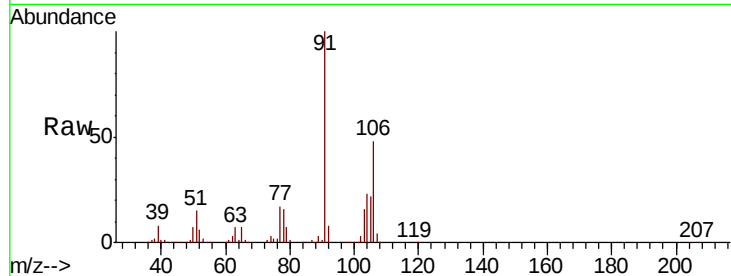




#69
o-Xylene
Concen: 20.11 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

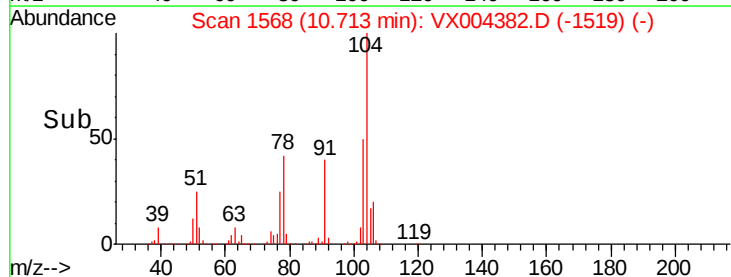
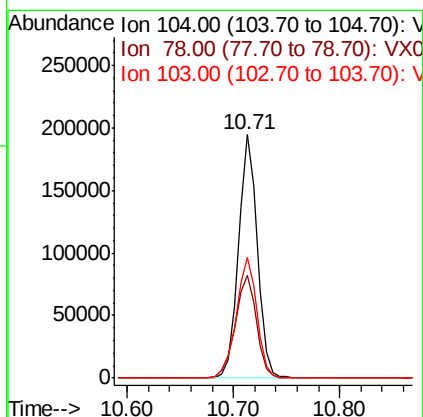
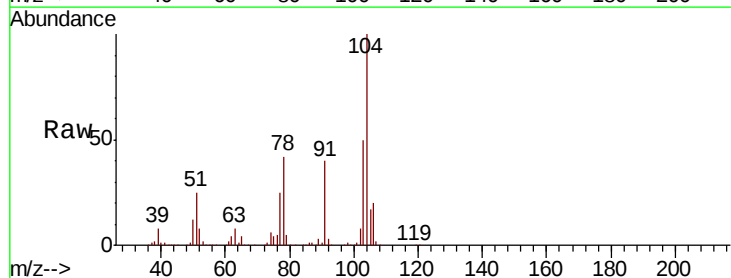
Instrument :
MSVOA_X
ClientSampled :
VX0906WBS01

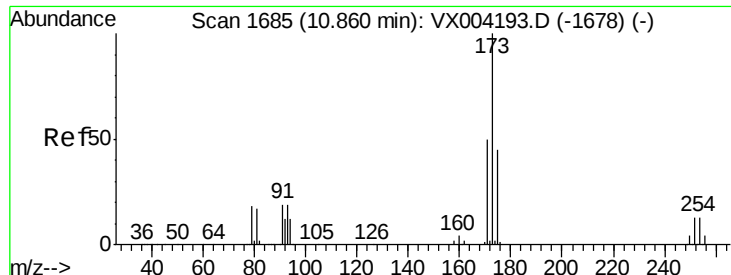
Tot Ion:106 Resp: 147863
Ion Ratio Lower Upper
106 100
91 207.8 105.1 315.1



#70
Styrene
Concen: 20.41 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion:104 Resp: 243024
Ion Ratio Lower Upper
104 100
78 47.4 37.4 56.0
103 54.6 43.8 65.6

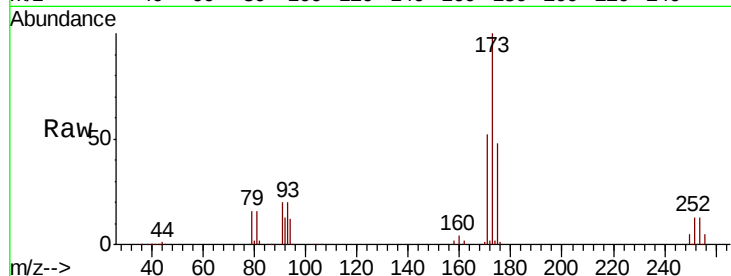




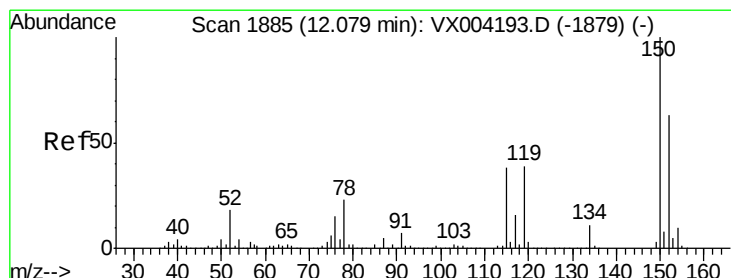
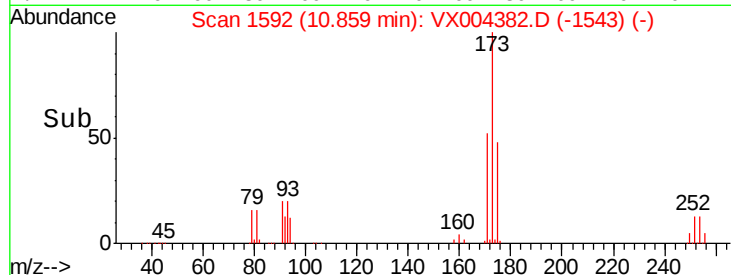
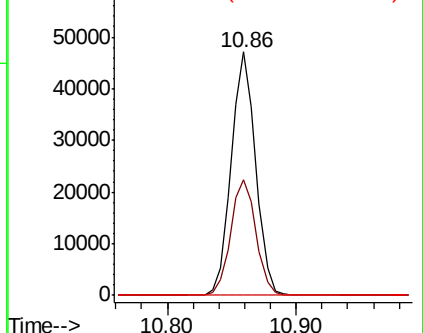
#71
Bromoform
Concen: 18.34 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion:173 Resp: 62440
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.3
254 0.2 0.2 0.2

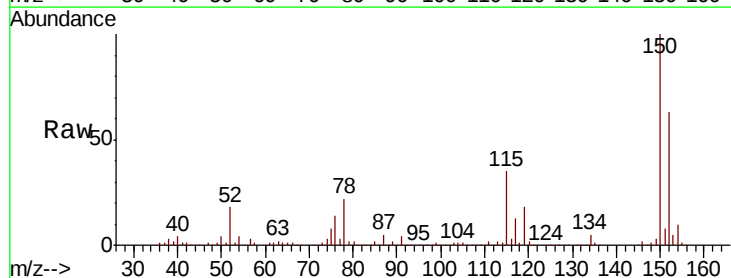


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

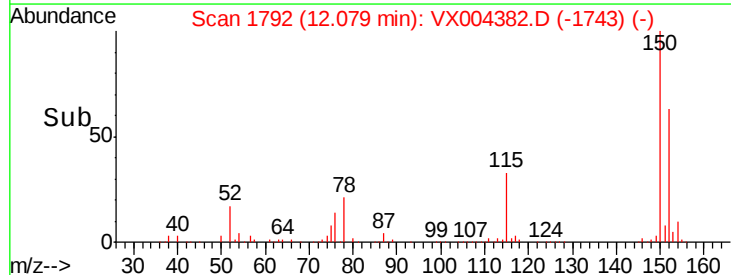
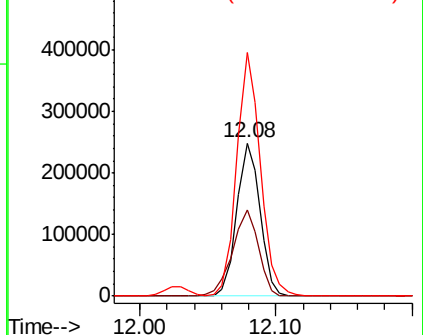


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion:152 Resp: 295395
Ion Ratio Lower Upper
152 100
115 62.7 39.0 117.0
150 162.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 20.81 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

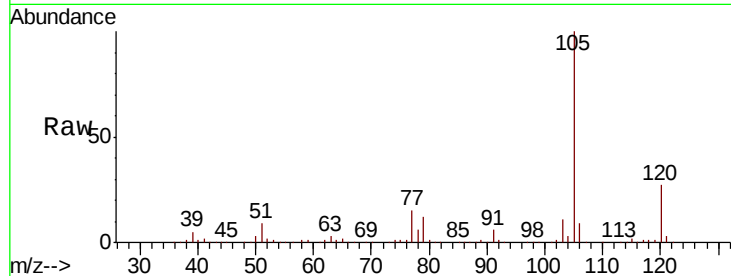
VX0906WBS01

Tot Ion:105 Resp: 403680

Ion Ratio Lower Upper

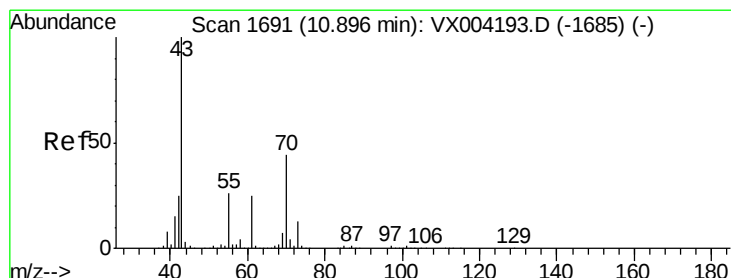
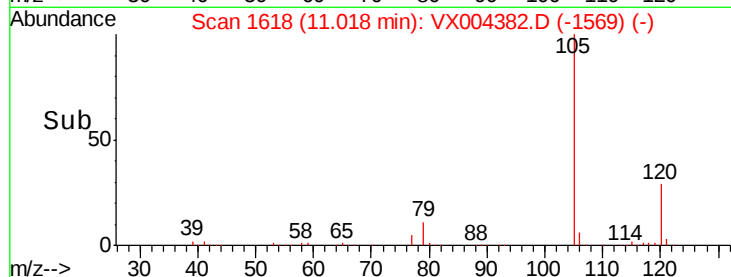
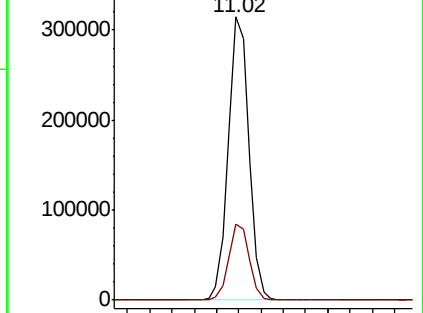
105 100

120 26.9 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: 19.18 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Tgt Ion: 43 Resp: 143291

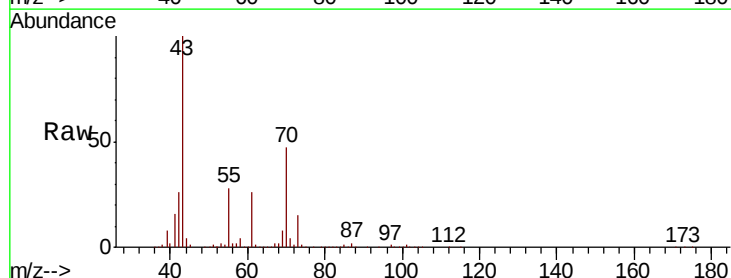
Ion Ratio Lower Upper

43 100

70 47.4 37.4 56.0

55 28.2 21.8 32.8

61 25.9 20.6 30.8

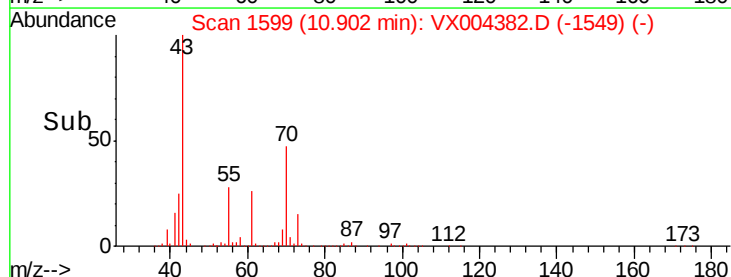
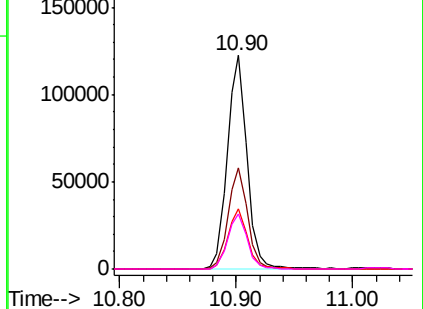


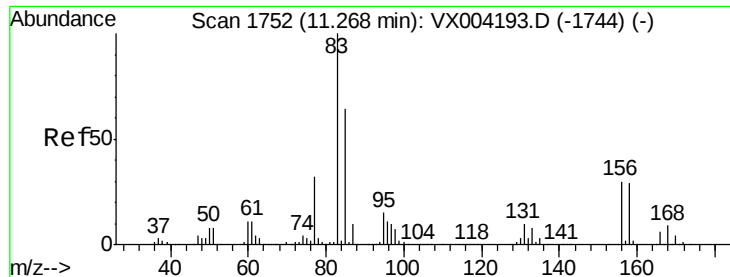
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.47 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0906WBS01

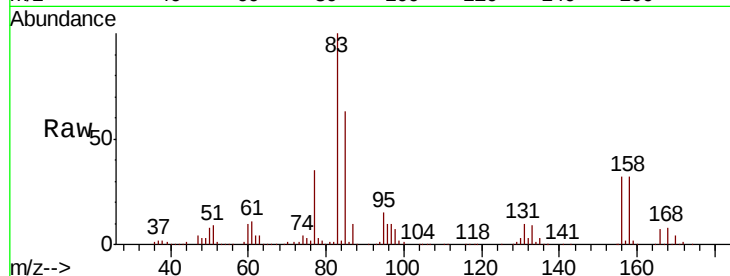
Tot Ion: 83 Resp: 132184

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

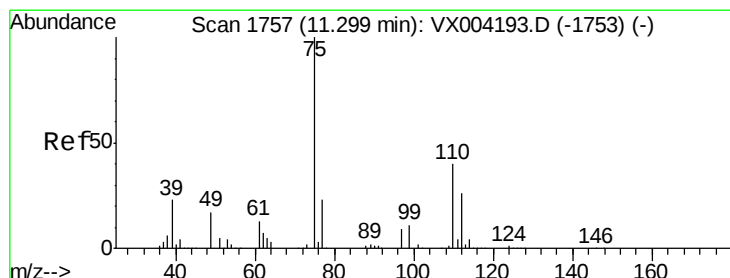
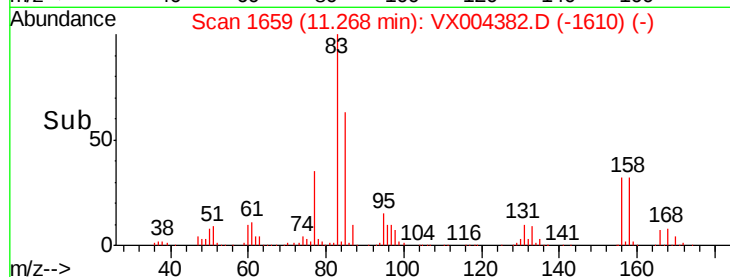
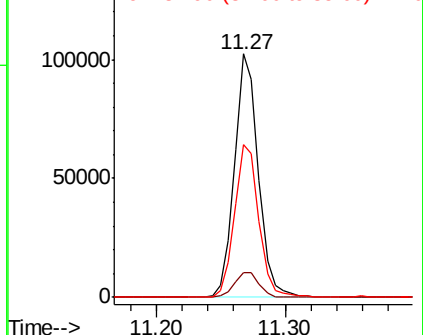
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.02 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004382.D

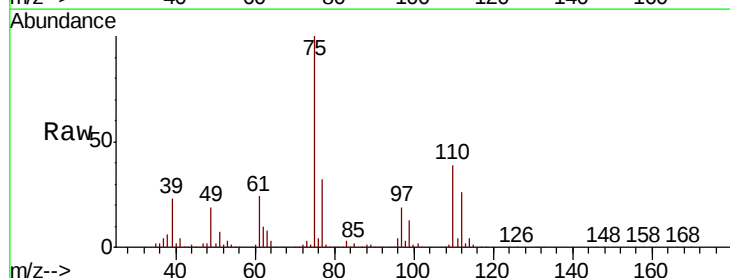
Acq: 06 Sep 2018 13:58

Tgt Ion: 75 Resp: 150299

Ion Ratio Lower Upper

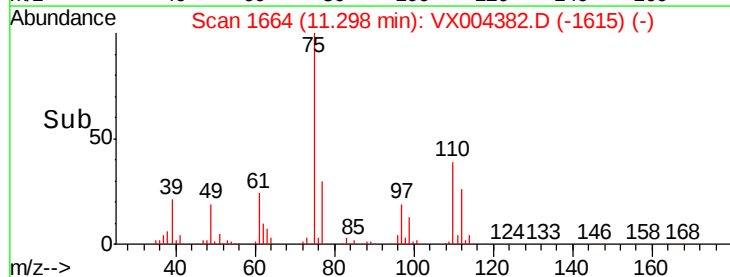
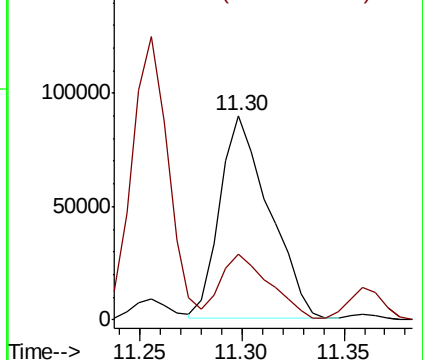
75 100

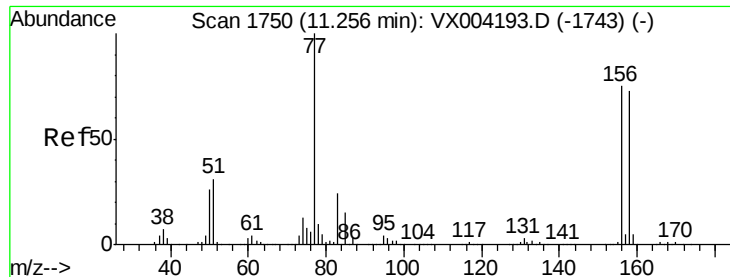
77 32.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.95 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

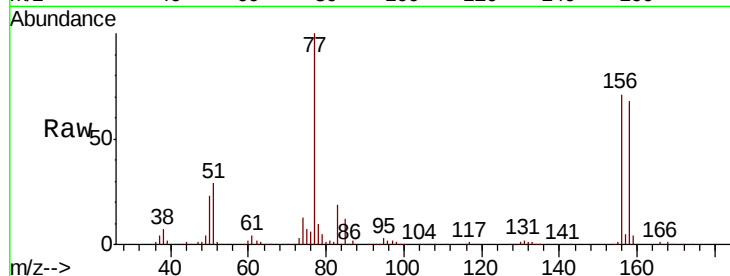
Tot Ion:156 Resp: 108547

Ion Ratio Lower Upper

156 100

77 143.3 71.5 214.3

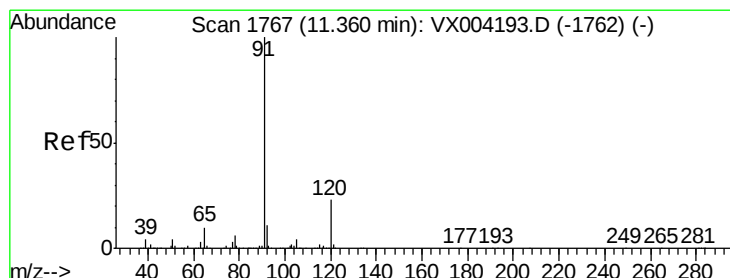
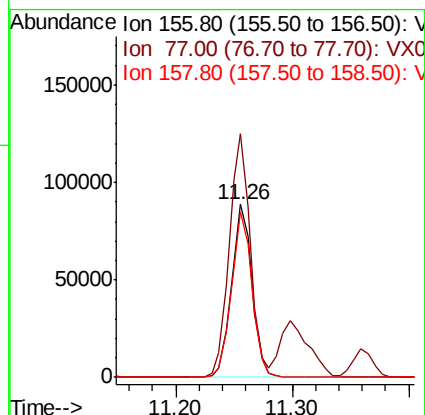
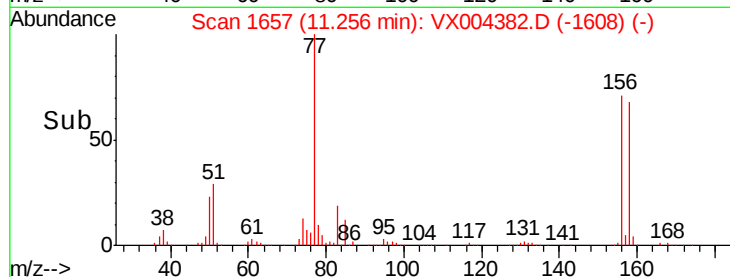
158 95.9 48.9 146.8



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: 20.57 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004382.D

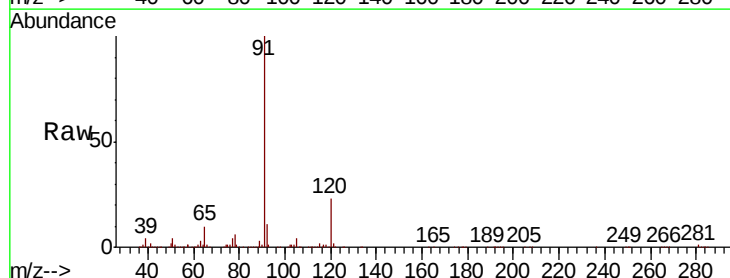
Acq: 06 Sep 2018 13:58

Tgt Ion: 91 Resp: 458969

Ion Ratio Lower Upper

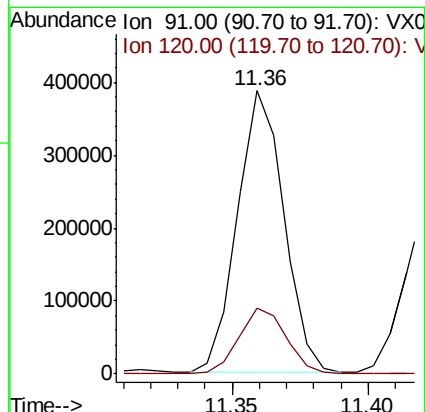
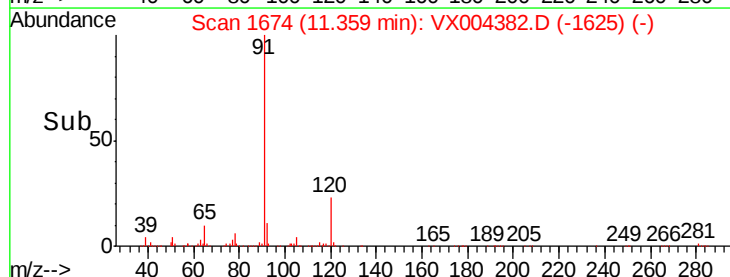
91 100

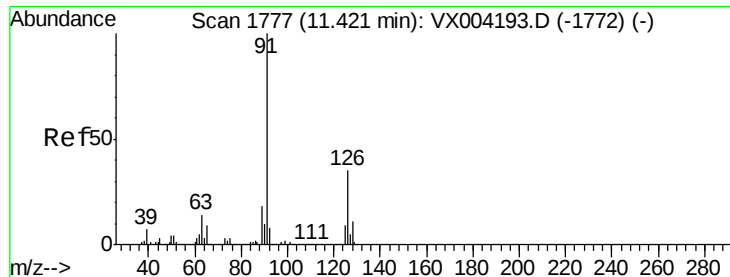
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.85 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

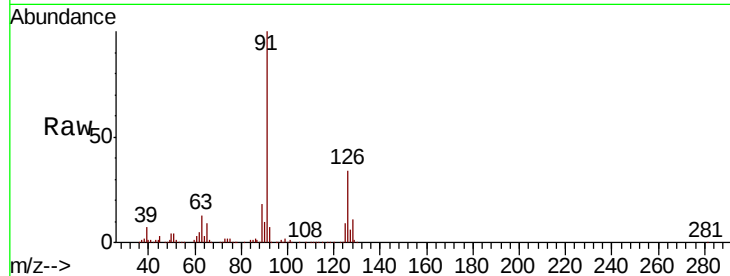
VX0906WBS01

Tot Ion: 91 Resp: 272689

Ion Ratio Lower Upper

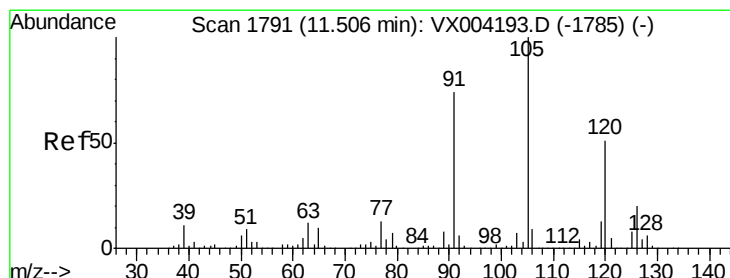
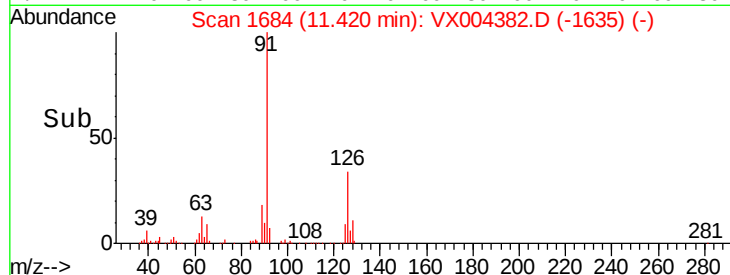
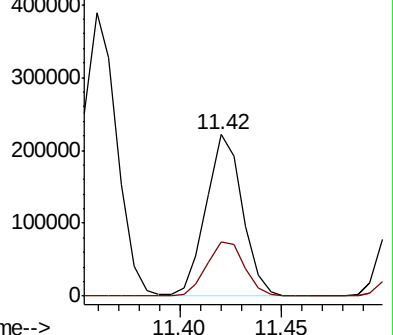
91 100

126 35.4 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.50 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004382.D

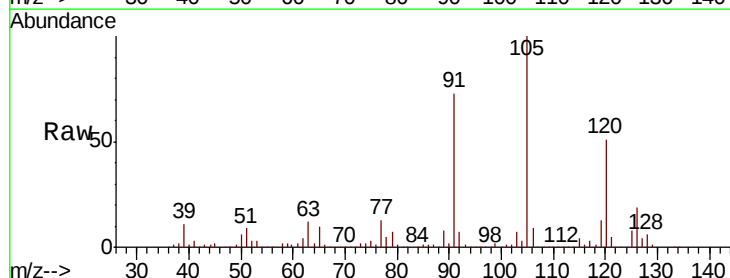
Acq: 06 Sep 2018 13:58

Tgt Ion:105 Resp: 329402

Ion Ratio Lower Upper

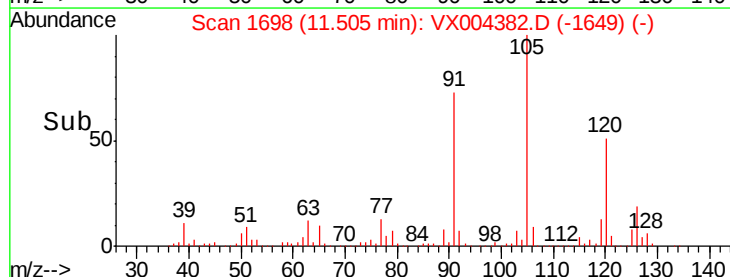
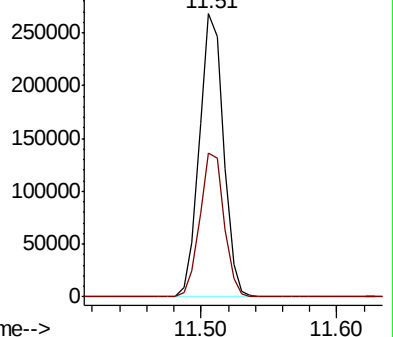
105 100

120 51.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

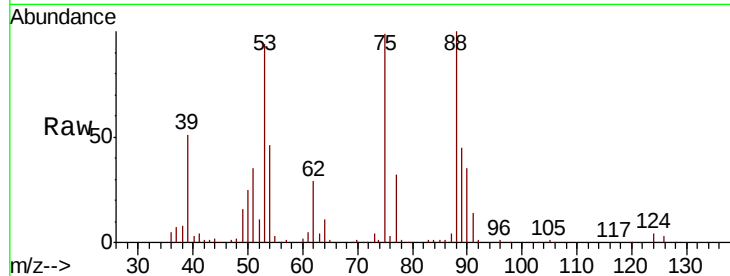




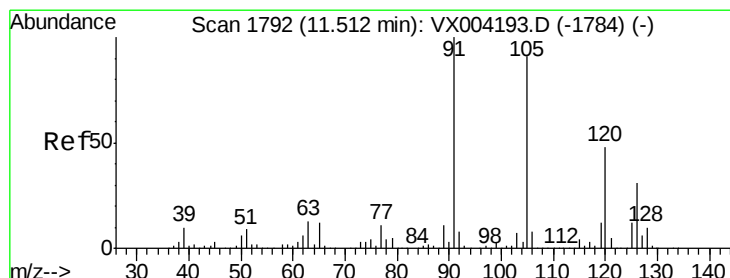
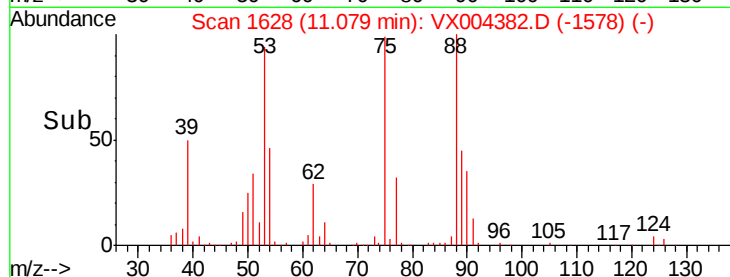
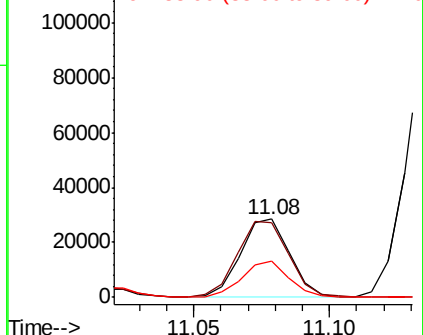
#81
trans-1,4-Dichloro-2-butene
Concen: 19.13 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion: 75 Resp: 35426
Ion Ratio Lower Upper
75 100
53 101.4 80.1 120.1
89 45.3 37.2 55.8

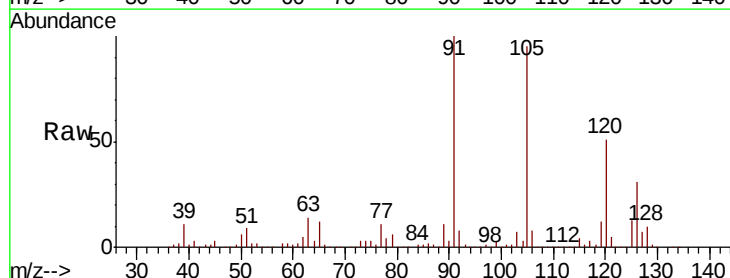


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

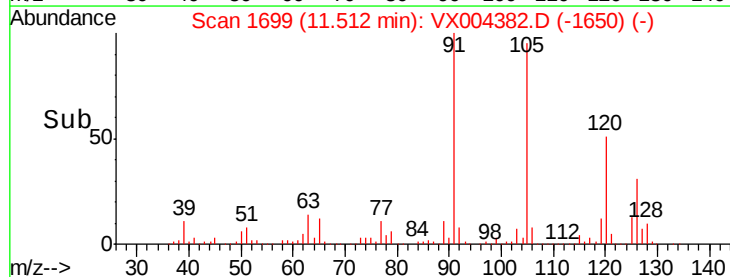
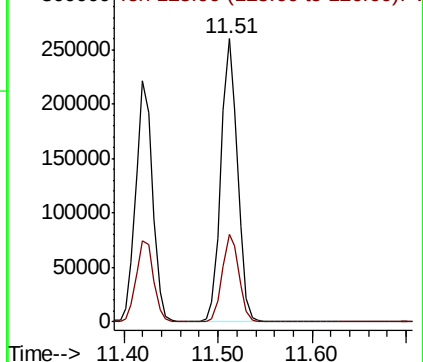


#82
4-Chlorotoluene
Concen: 19.65 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 91 Resp: 317642
Ion Ratio Lower Upper
91 100
126 31.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

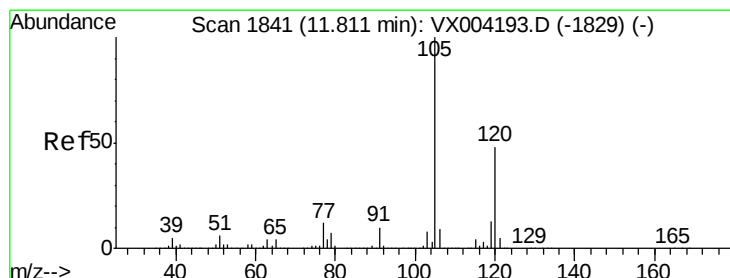
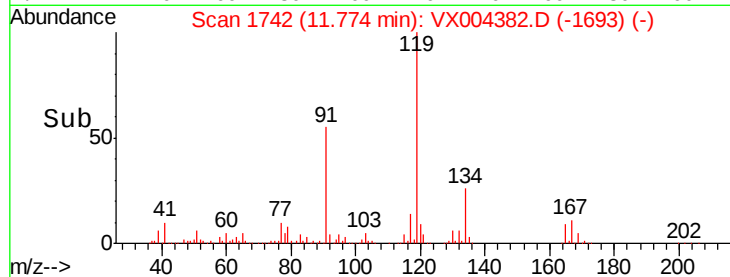
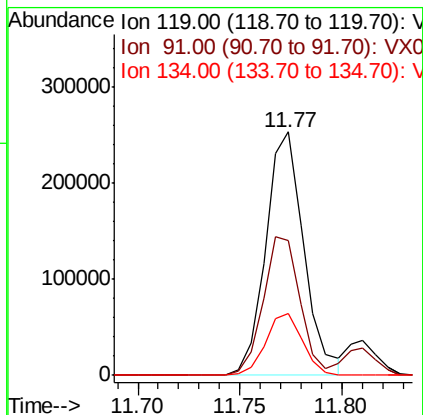
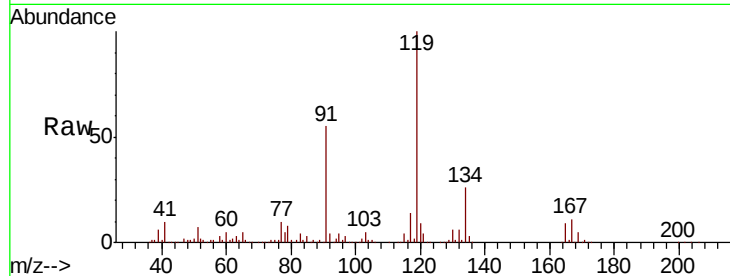




#83
 tert-Butylbenzene
 Concen: 20.35 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

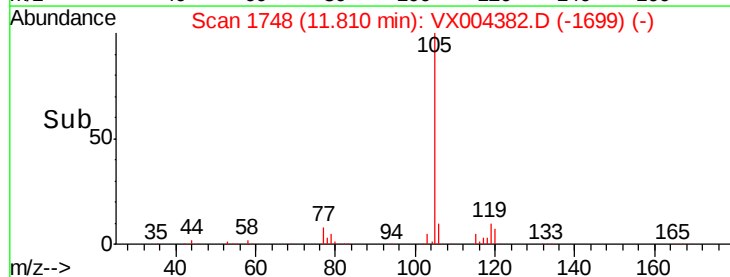
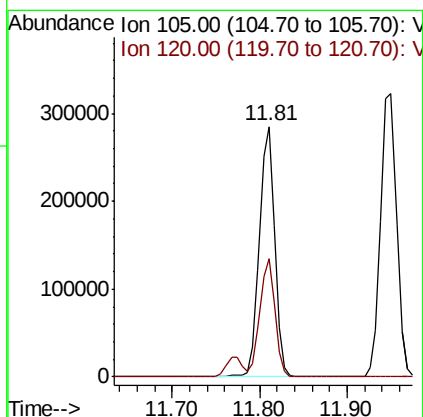
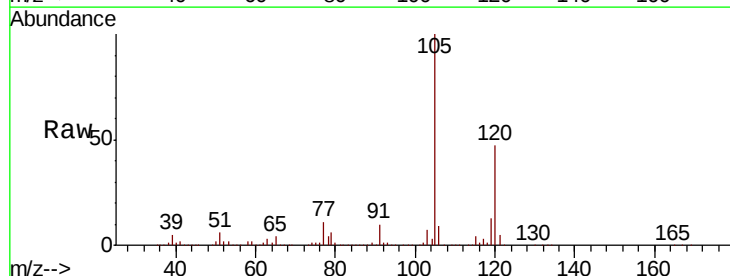
Instrument :
 MSVOA_X
 ClientSampled :
 VX0906WBS01

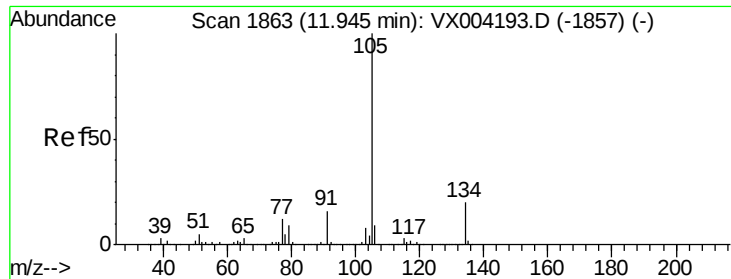
Tot Ion:119 Resp: 328981
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.0 81.0
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.07 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion:105 Resp: 347514
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.34 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

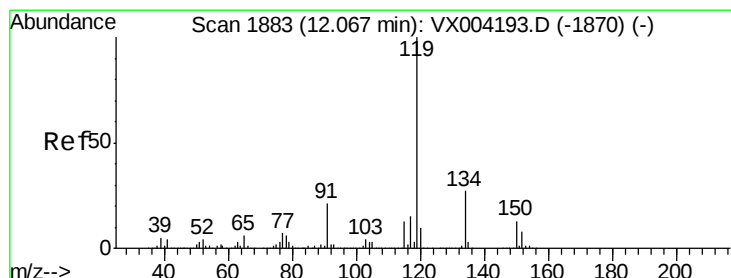
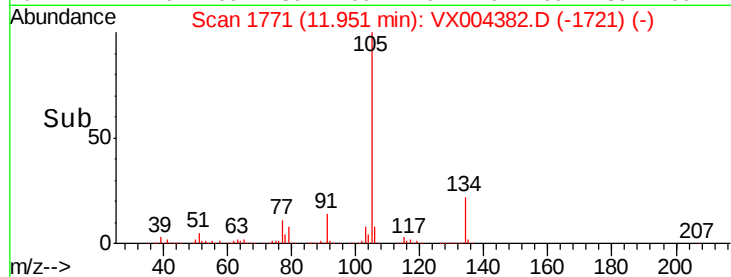
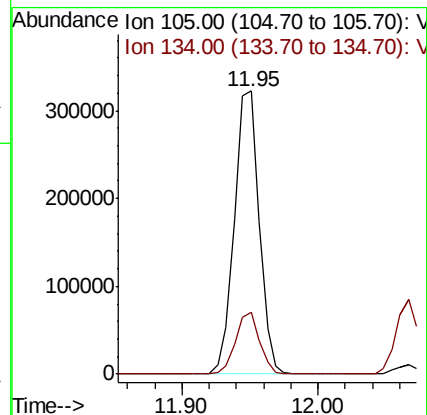
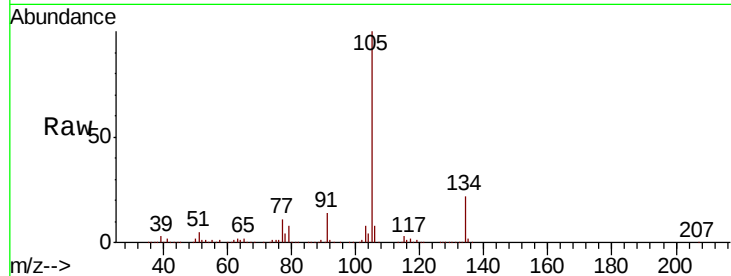
VX0906WBS01

Tot Ion:105 Resp: 409647

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.5



#86

p-Isopropyltoluene

Concen: 20.84 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

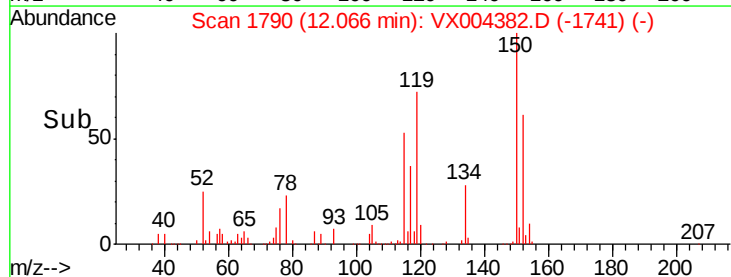
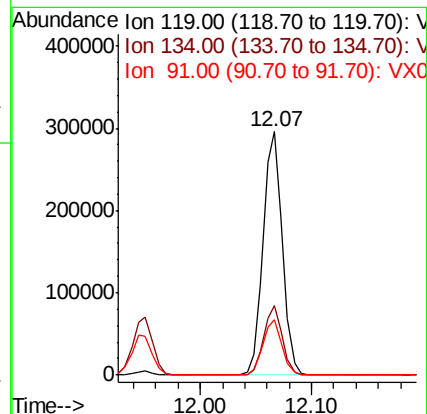
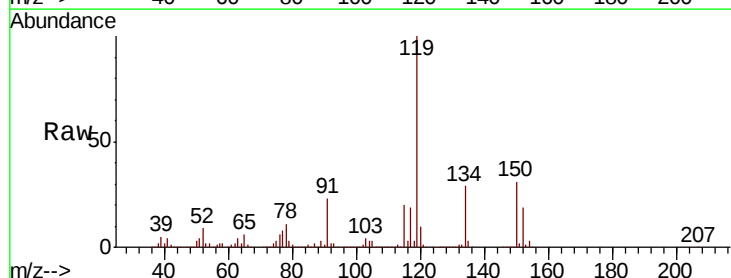
Tgt Ion:119 Resp: 358380

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 22.4 10.9 32.7

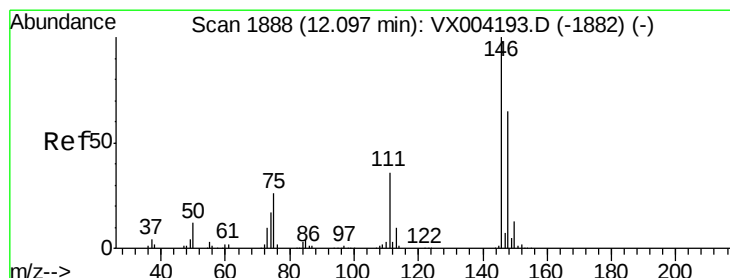
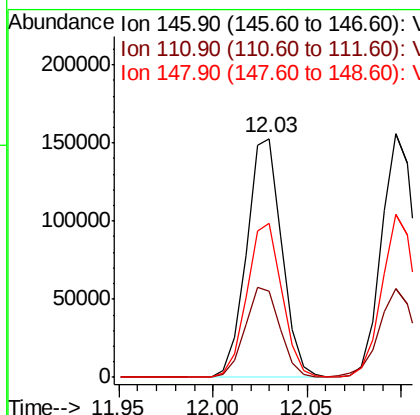
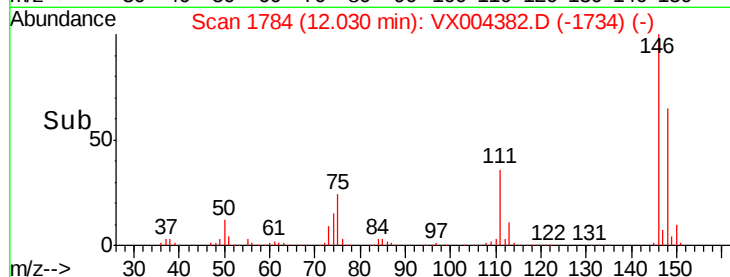
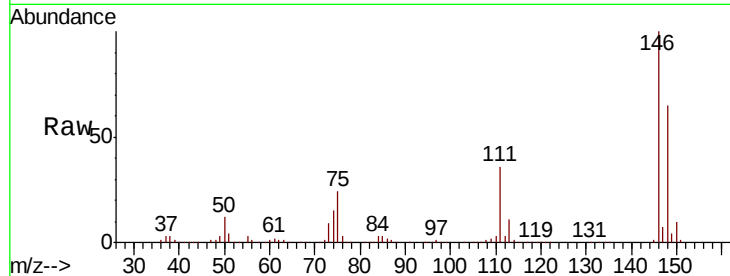




#87
 1,3-Dichlorobenzene
 Concen: 19.29 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

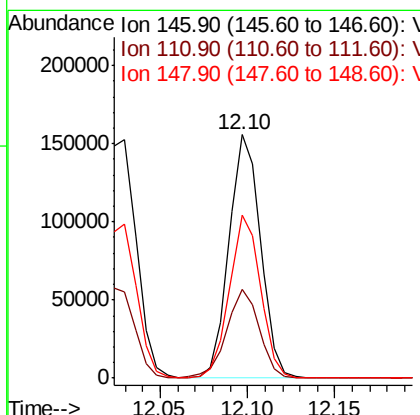
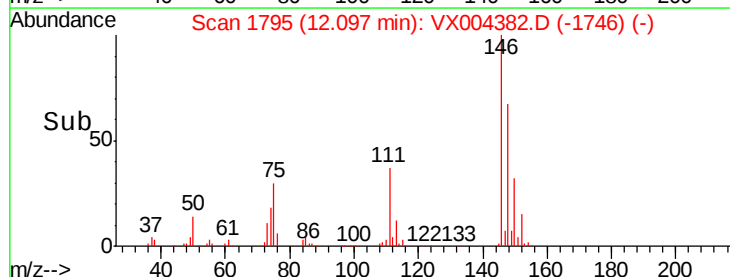
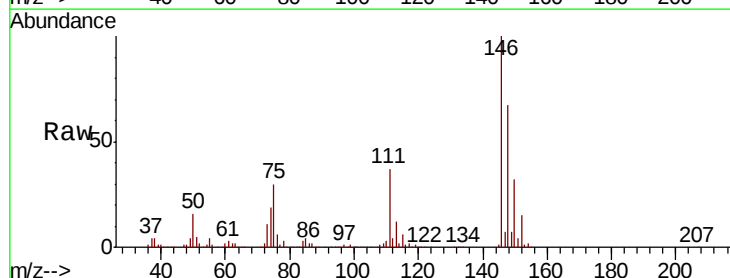
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

Tot Ion:146 Resp: 197679
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.08 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion:146 Resp: 195345
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 66.2 32.0 96.0

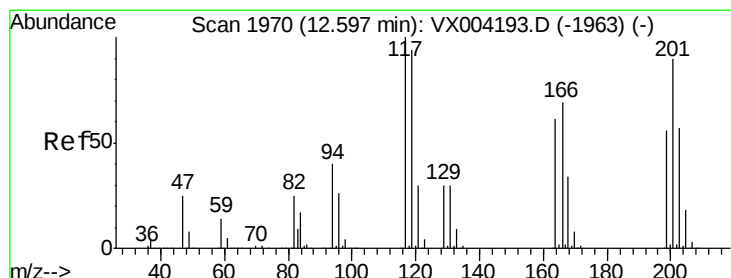
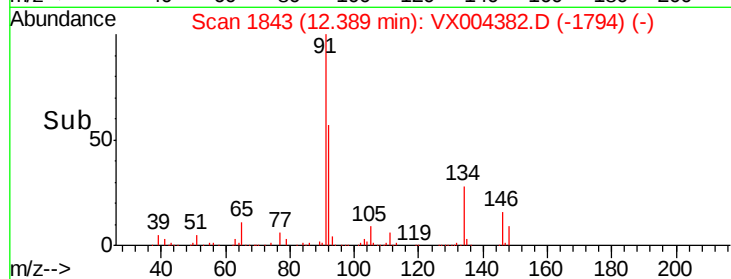
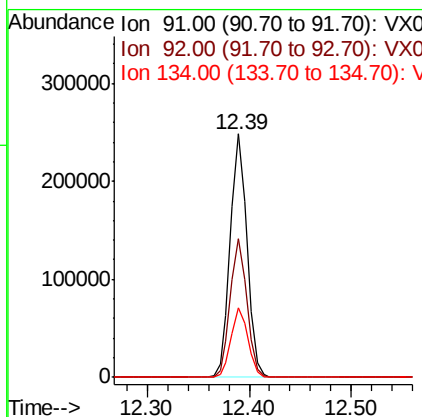
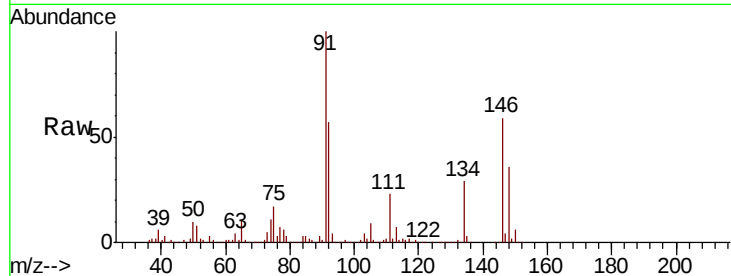




#89
n-Butylbenzene
Concen: 20.06 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

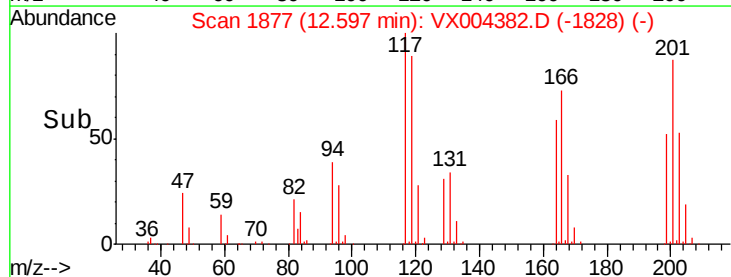
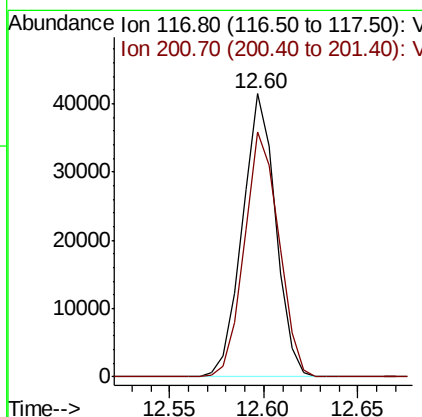
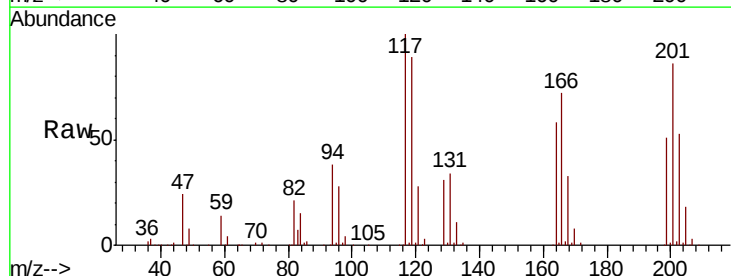
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Tot Ion: 91 Resp: 280609
Ion Ratio Lower Upper
91 100
92 56.6 27.3 81.9
134 28.5 13.6 40.7



#90
Hexachloroethane
Concen: 21.09 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004382.D
Acq: 06 Sep 2018 13:58

Tgt Ion: 117 Resp: 50693
Ion Ratio Lower Upper
117 100
201 90.0 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.37 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

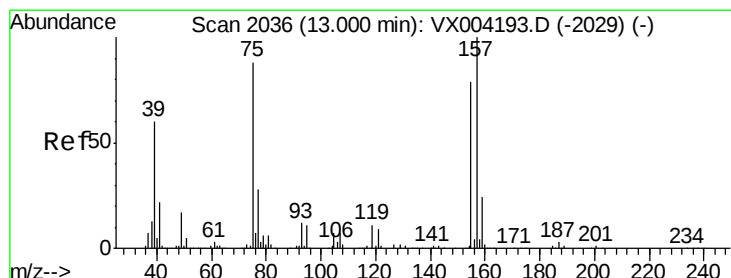
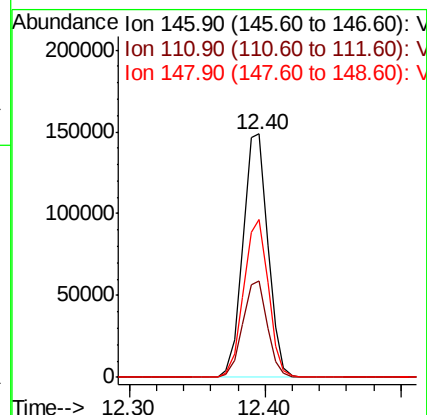
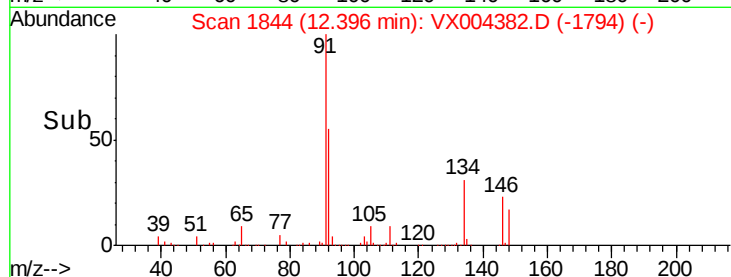
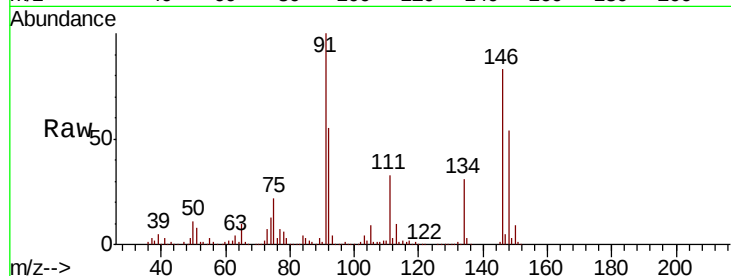
Tot Ion:146 Resp: 190724

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

148 64.0 32.8 98.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.38 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

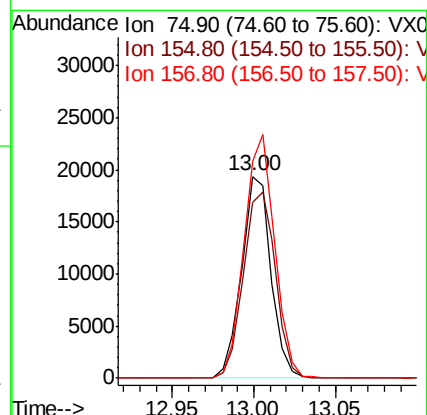
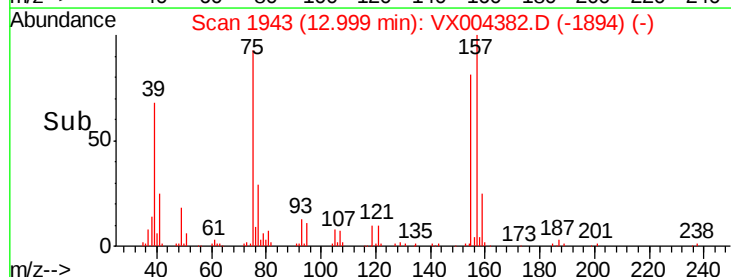
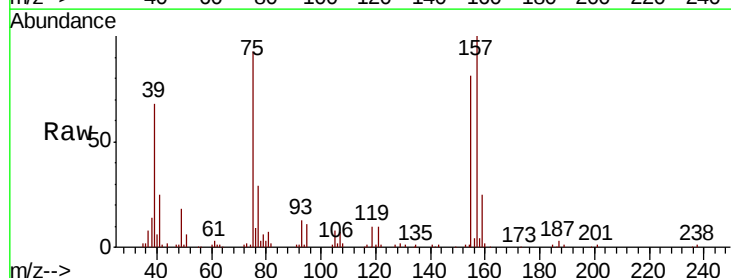
Tgt Ion: 75 Resp: 24367

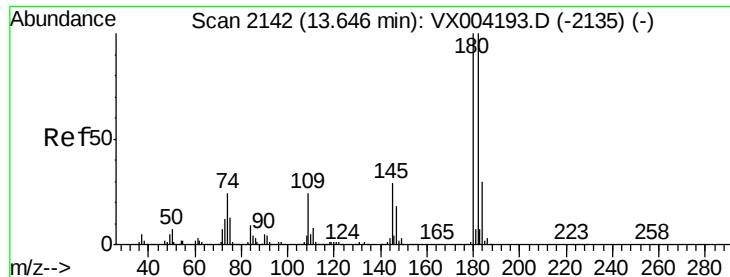
Ion Ratio Lower Upper

75 100

155 100.3 48.0 144.2

157 125.1 61.4 184.1

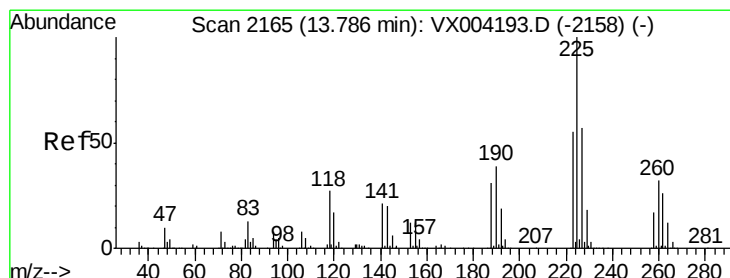
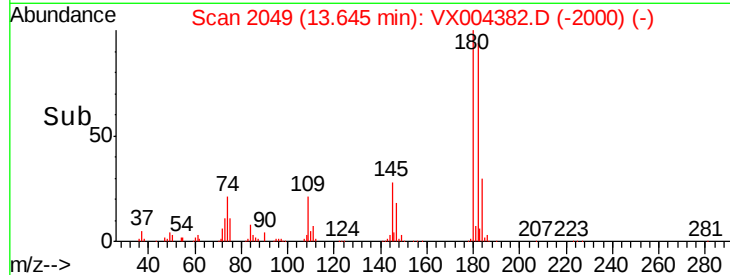
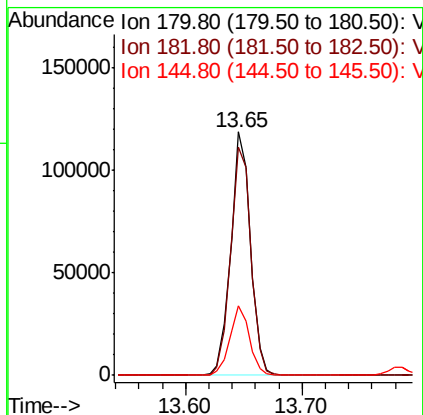
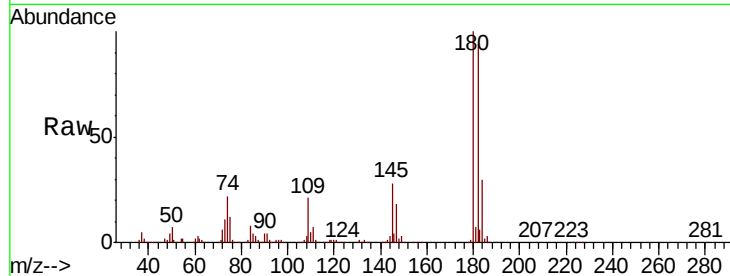




#93
 1,2,4-Trichlorobenzene
 Concen: 20.48 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

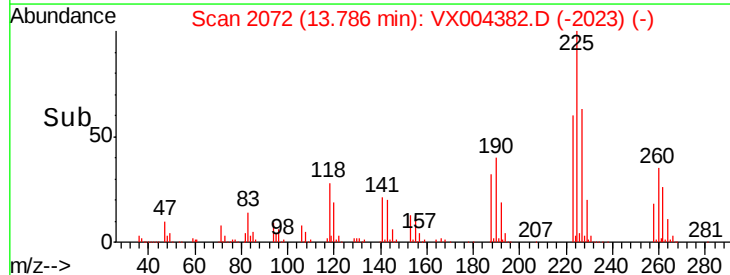
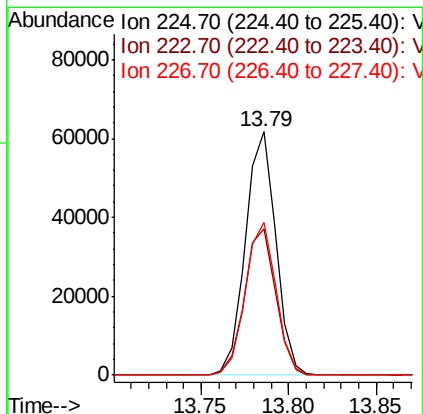
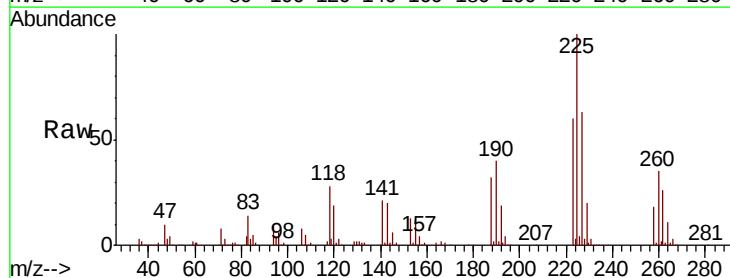
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBS01

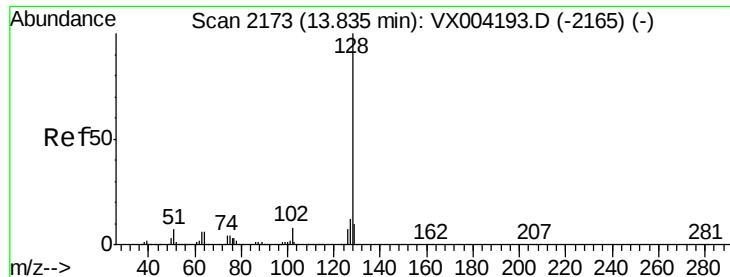
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.4	145.0
145	28.1	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 23.43 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004382.D
 Acq: 06 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.1	90.5
227	63.2	30.8	92.4





#95

Naphthalene

Concen: 21.99 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBS01

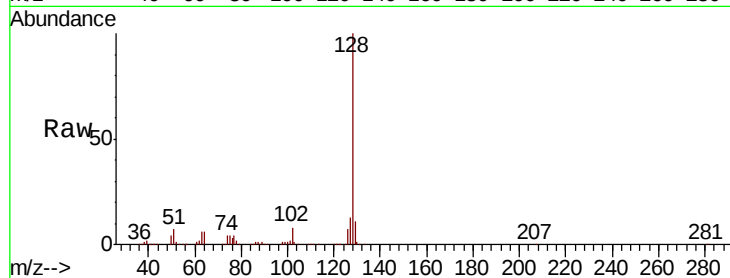
Tot Ion:128 Resp: 423878

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

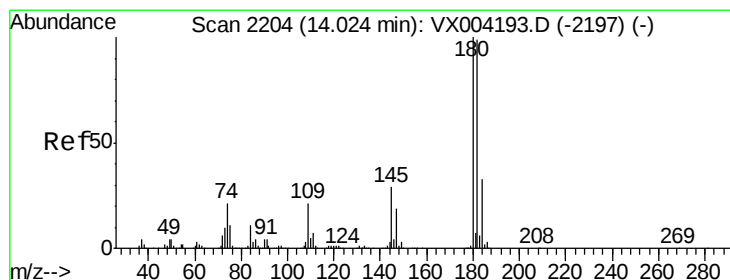
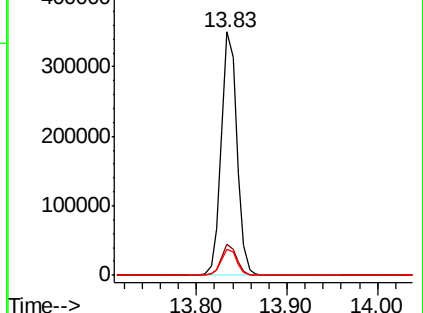
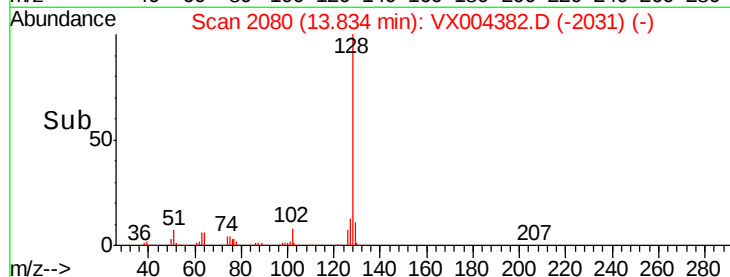
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.66 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004382.D

Acq: 06 Sep 2018 13:58

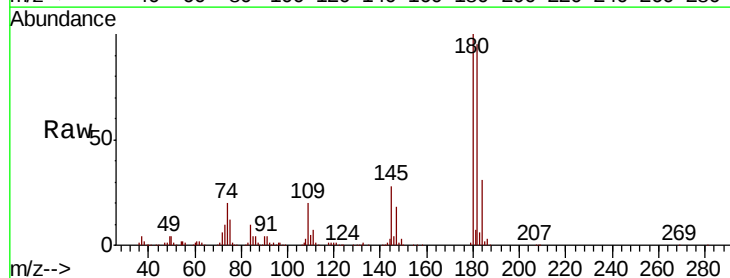
Tgt Ion:180 Resp: 149023

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 29.2 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

