

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004386.D
 Acq On : 06 Sep 2018 15:45
 Operator : JC/MD
 Sample : VX0906WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

Quant Time: Sep 07 04:45:22 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	344954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	499140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	468813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	214406	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	5.50	113	186313	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	8.71	98	691864	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	263314	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61473	15.39	ug/l	96
3) Chloromethane	1.32	50	69970	16.04	ug/l	97
4) Vinyl Chloride	1.40	62	82350	18.22	ug/l	98
5) Bromomethane	1.63	94	43048	18.03	ug/l	99
6) Chloroethane	1.71	64	65636	19.67	ug/l	100
7) Trichlorofluoromethane	1.92	101	117742	19.01	ug/l	96
8) Diethyl Ether	2.18	74	54162	20.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75017	19.34	ug/l	99
10) Methyl Iodide	2.51	142	72143	19.34	ug/l	99
11) Tert butyl alcohol	3.07	59	107868	112.55	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70058	19.17	ug/l	99
13) Acrolein	2.29	56	17500	75.74	ug/l	97
14) Allyl chloride	2.72	41	137082	20.42	ug/l	97
15) Acrylonitrile	3.15	53	254403	107.19	ug/l	100
16) Acetone	2.45	43	213771	112.02	ug/l	98
17) Carbon Disulfide	2.56	76	166647	16.96	ug/l	100
18) Methyl Acetate	2.78	43	184944	27.72	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	253901	21.08	ug/l	98
20) Methylene Chloride	2.85	84	85672	19.79	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	75494	18.66	ug/l	99
22) Diisopropyl ether	3.87	45	259704	20.72	ug/l	99
23) Vinyl Acetate	3.82	43	967004	95.17	ug/l	99
24) 1,1-Dichloroethane	3.69	63	150339	20.58	ug/l	98
25) 2-Butanone	4.70	43	331427	108.40	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109359	19.09	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	89776	19.57	ug/l	99
28) Bromochloromethane	5.01	49	67236	20.79	ug/l	99
29) Tetrahydrofuran	5.16	42	207337	107.33	ug/l	100
30) Chloroform	5.21	83	147648	20.16	ug/l	100
31) Cyclohexane	5.57	56	119114	18.90	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	120553	19.74	ug/l	99
36) 1,1-Dichloropropene	5.79	75	106101	18.91	ug/l	99
37) Ethyl Acetate	4.86	43	113234	20.52	ug/l	99
38) Carbon Tetrachloride	5.78	117	102929	19.50	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004386.D
 Acq On : 06 Sep 2018 15:45
 Operator : JC/MD
 Sample : VX0906WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

Quant Time: Sep 07 04:45:22 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)
39) Methylcyclohexane	7.46	83	118524	18.50	ug/l	99
40) Benzene	6.14	78	335508	20.01	ug/l	99
41) Methacrylonitrile	5.06	41	67696	21.16	ug/l	100
42) 1,2-Dichloroethane	6.20	62	113651	19.87	ug/l	99
43) Isopropyl Acetate	6.46	43	176630	20.83	ug/l	99
44) Trichloroethene	7.21	130	89770	19.34	ug/l	100
45) 1,2-Dichloropropane	7.51	63	87375	20.82	ug/l	99
46) Dibromomethane	7.66	93	55898	20.00	ug/l	99
47) Bromodichloromethane	7.90	83	104599	20.12	ug/l	99
48) Methyl methacrylate	7.78	41	93916	20.70	ug/l	98
49) 1,4-Dioxane	7.76	88	45955	446.07	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	629839	102.22	ug/l	100
52) Toluene	8.79	92	212076	20.21	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114596	19.96	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	128270	20.51	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	88918	20.99	ug/l	99
56) Ethyl methacrylate	9.18	69	119906	20.79	ug/l	99
57) 1,3-Dichloropropane	9.37	76	148704	20.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	308070	104.24	ug/l	100
59) 2-Hexanone	9.50	43	481255	102.38	ug/l	99
60) Dibromochloromethane	9.59	129	83345	20.19	ug/l	100
61) 1,2-Dibromoethane	9.67	107	89049	20.31	ug/l	100
64) Tetrachloroethene	9.34	164	96412	20.82	ug/l	99
65) Chlorobenzene	10.14	112	224784	19.10	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	80499	19.84	ug/l	99
67) Ethyl Benzene	10.26	91	375989	19.68	ug/l	96
68) m/p-Xylenes	10.36	106	309675	41.45	ug/l	96
69) o-Xylene	10.70	106	147563	20.88	ug/l	100
70) Styrene	10.71	104	243529	21.28	ug/l	99
71) Bromoform	10.86	173	64160	19.61	ug/l #	99
73) Isopropylbenzene	11.02	105	403125	22.76	ug/l	100
74) N-amyl acetate	10.90	43	147369	21.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	135366	21.84	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	149612	27.28	ug/l	87
77) Bromobenzene	11.26	156	109172	21.98	ug/l	98
78) n-propylbenzene	11.36	91	457776	22.48	ug/l	99
79) 2-Chlorotoluene	11.42	91	275721	21.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	331915	22.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35265	20.87	ug/l	99
82) 4-Chlorotoluene	11.51	91	318851	21.61	ug/l	99
83) tert-Butylbenzene	11.77	119	331026	22.44	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	346659	23.03	ug/l	99
85) sec-Butylbenzene	11.94	105	410022	23.41	ug/l	100
86) p-Isopropyltoluene	12.07	119	350664	22.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	192621	20.60	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194383	19.71	ug/l	99
89) n-Butylbenzene	12.39	91	275165	21.56	ug/l	99
90) Hexachloroethane	12.60	117	45707	20.83	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182619	21.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22869	20.95	ug/l	95

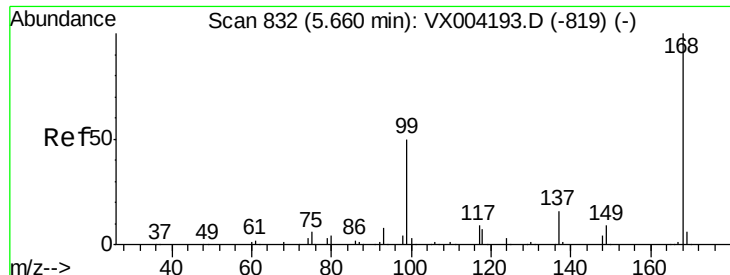
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004386.D
Acq On : 06 Sep 2018 15:45
Operator : JC/MD
Sample : VX0906WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

Quant Time: Sep 07 04:45:22 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	140282	22.56	ug/l	98
94) Hexachlorobutadiene	13.79	225	73219	25.24	ug/l	97
95) Naphthalene	13.83	128	427378	24.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148114	22.50	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

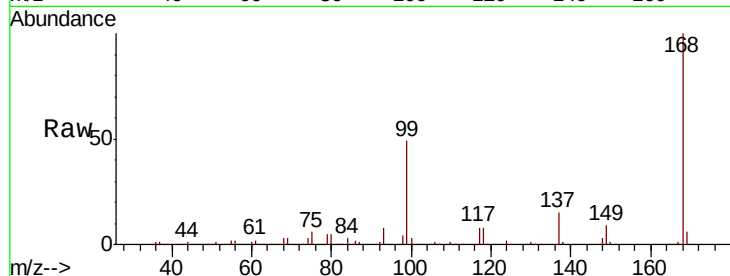
VX0906WBSD01

Tot Ion:168 Resp: 344954

Ion Ratio Lower Upper

168 100

99 48.9 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

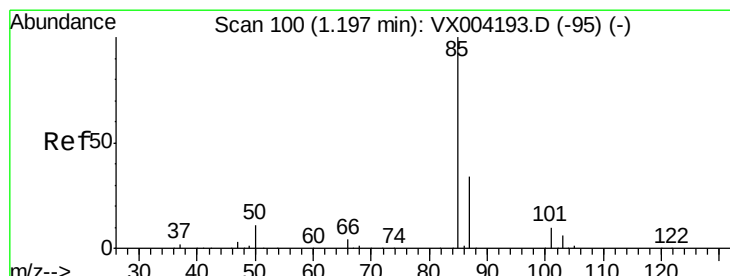
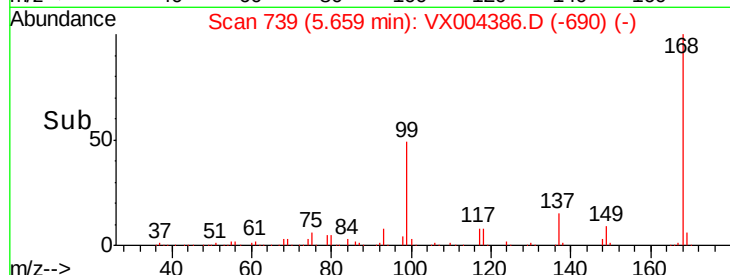
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 15.39 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004386.D

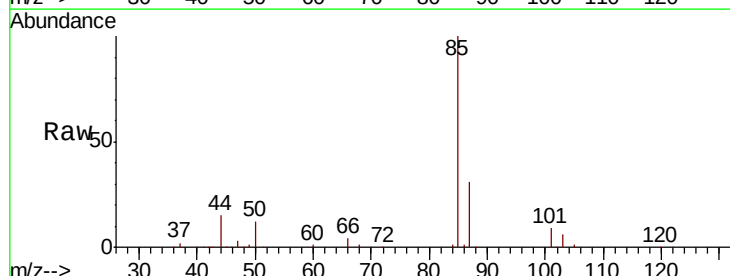
Acq: 06 Sep 2018 15:45

Tgt Ion: 85 Resp: 61473

Ion Ratio Lower Upper

85 100

87 31.4 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

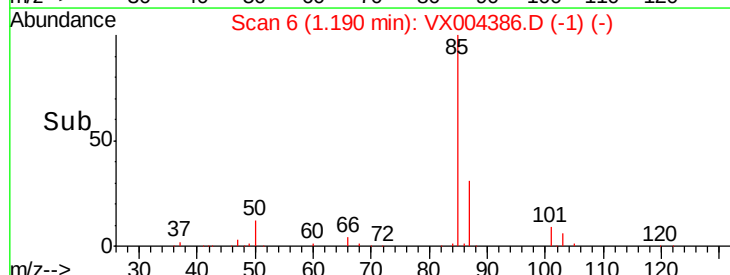
40000

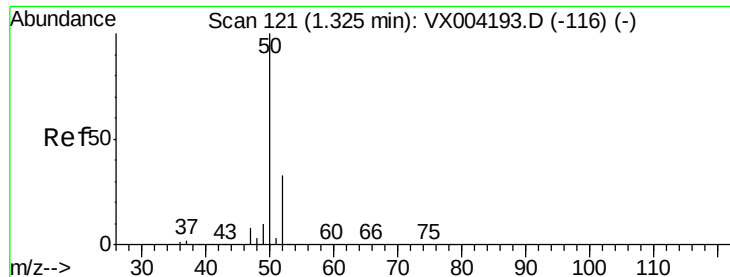
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.04 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

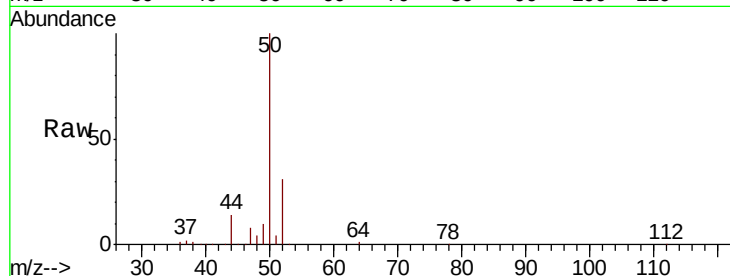
VX0906WBSD01

Tot Ion: 50 Resp: 69970

Ion Ratio Lower Upper

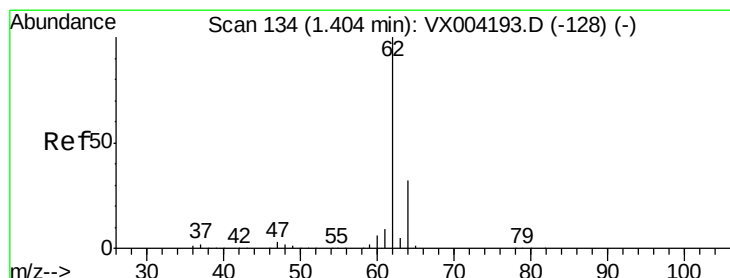
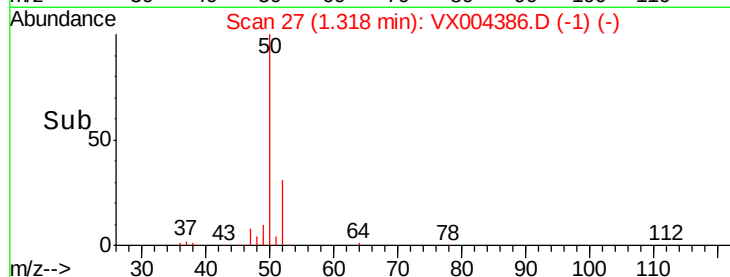
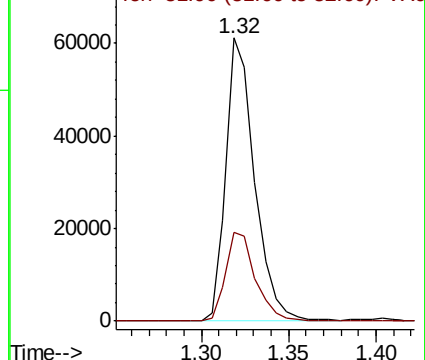
50 100

52 31.2 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: 18.22 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004386.D

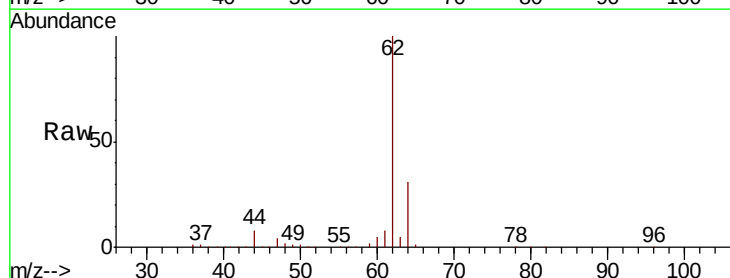
Acq: 06 Sep 2018 15:45

Tgt Ion: 62 Resp: 82350

Ion Ratio Lower Upper

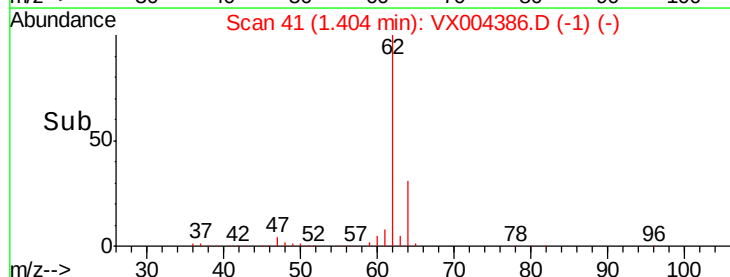
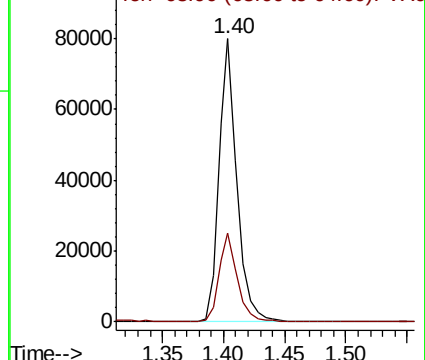
62 100

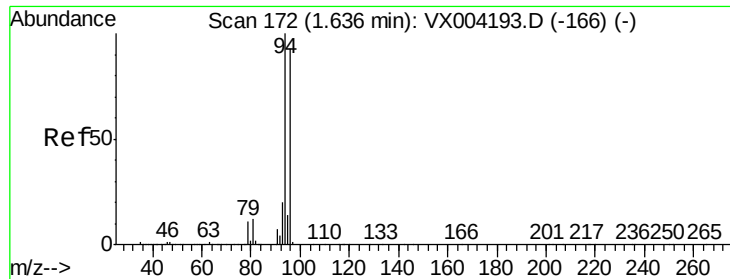
64 31.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.03 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

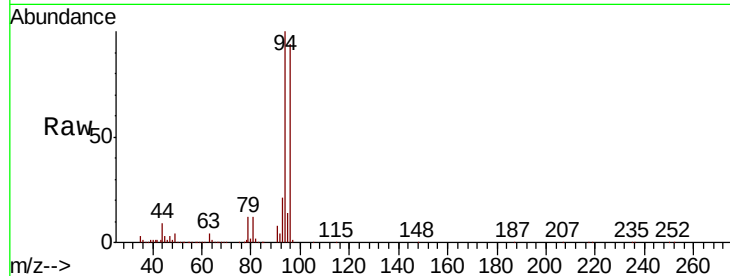
VX0906WBSD01

Tot Ion: 94 Resp: 43048

Ion Ratio Lower Upper

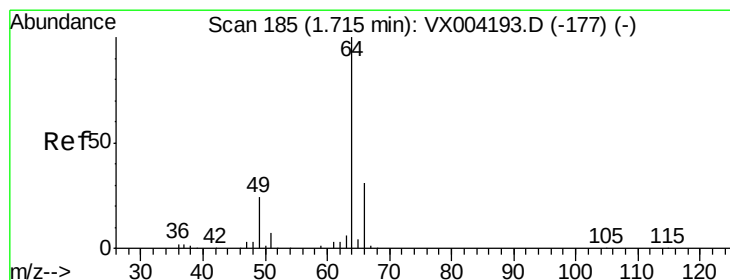
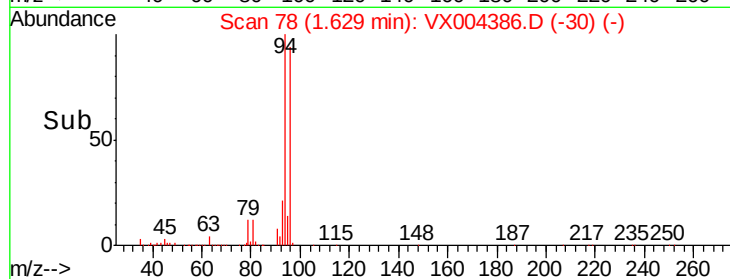
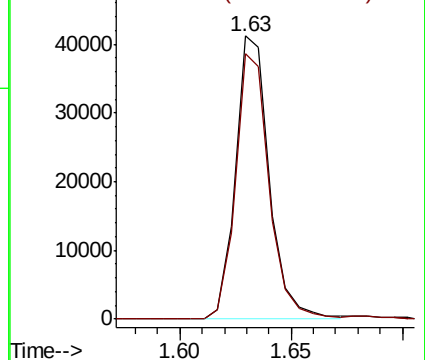
94 100

96 94.0 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: 19.67 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004386.D

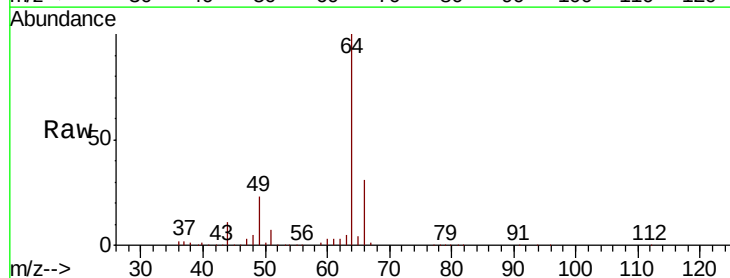
Acq: 06 Sep 2018 15:45

Tgt Ion: 64 Resp: 65636

Ion Ratio Lower Upper

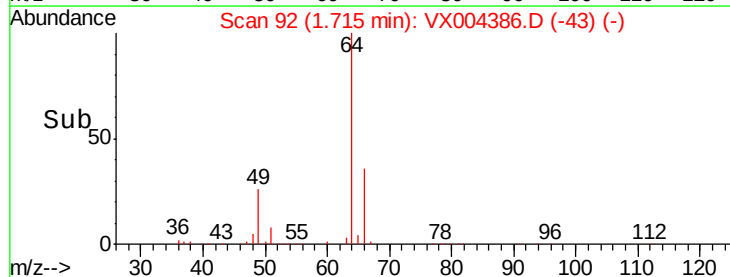
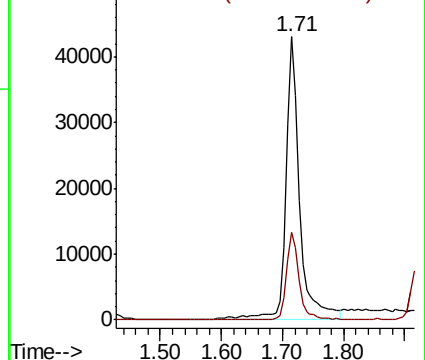
64 100

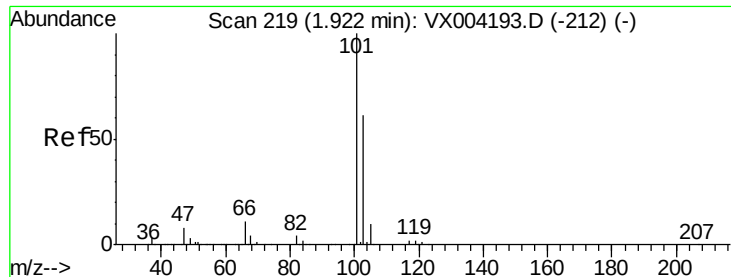
66 30.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



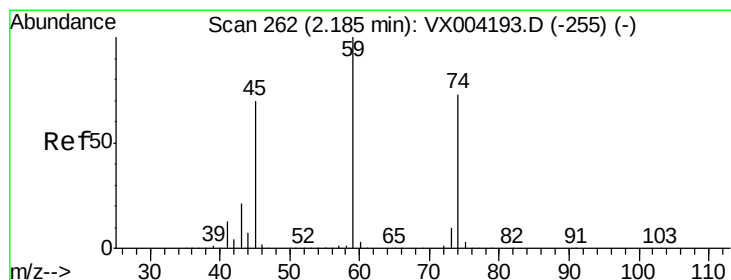
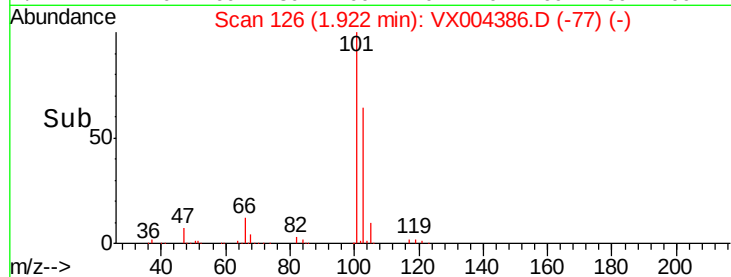
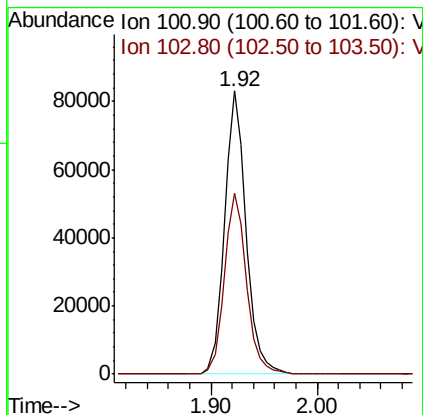
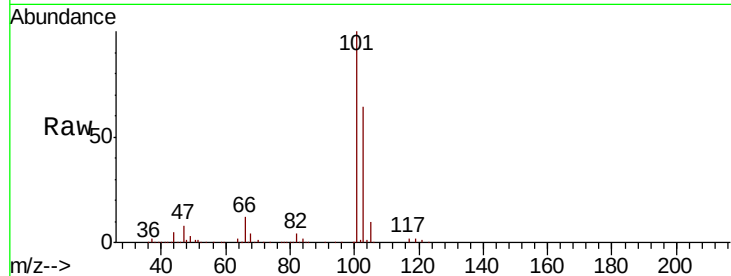


#7

Trichlorofluoromethane
 Concen: 19.01 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

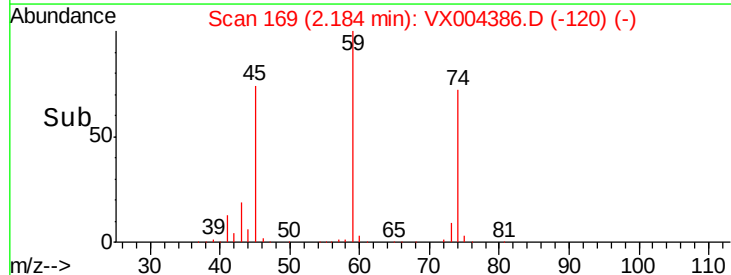
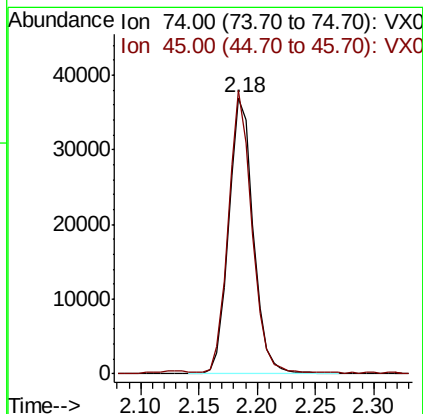
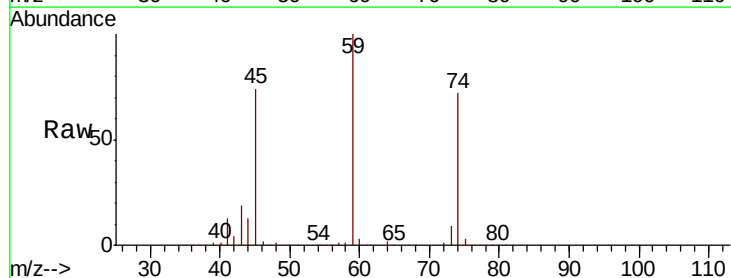
Tot Ion:101 Resp: 117742
 Ion Ratio Lower Upper
 101 100
 103 64.0 48.9 73.3

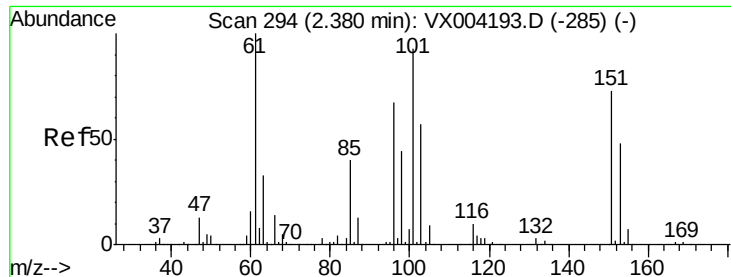


#8

Diethyl Ether
 Concen: 20.42 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion: 74 Resp: 54162
 Ion Ratio Lower Upper
 74 100
 45 98.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.34 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

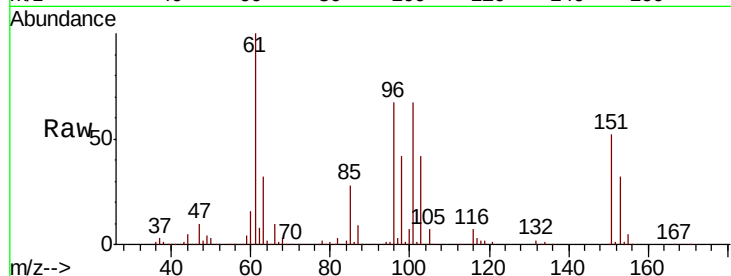
Tot Ion:101 Resp: 75017

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

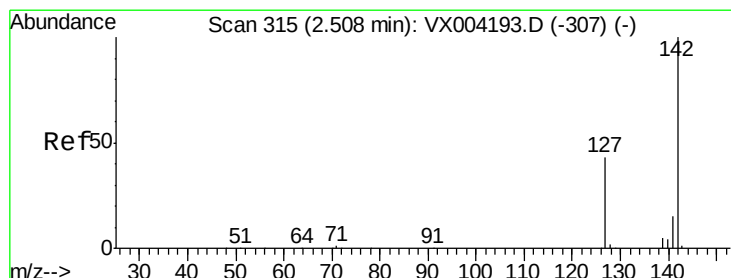
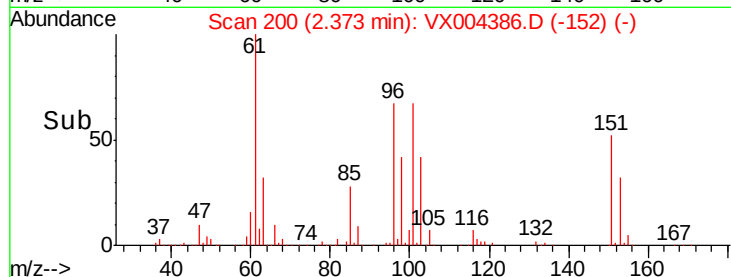
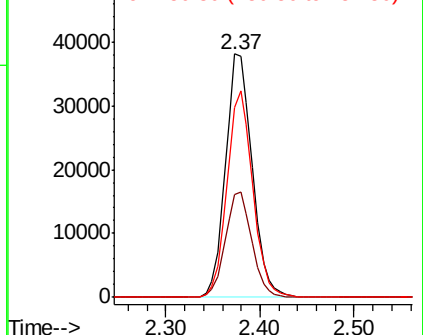
151 81.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.34 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

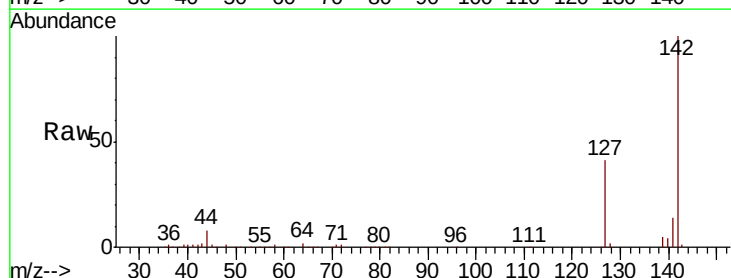
Tgt Ion:142 Resp: 72143

Ion Ratio Lower Upper

142 100

127 41.2 33.8 50.6

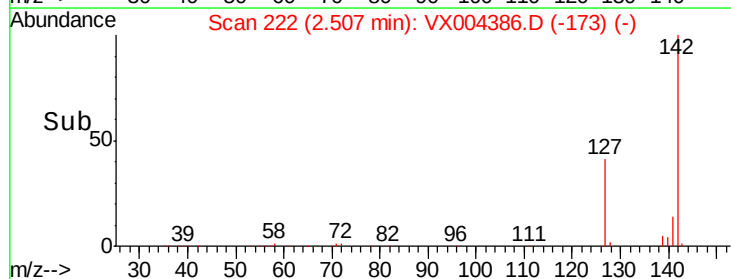
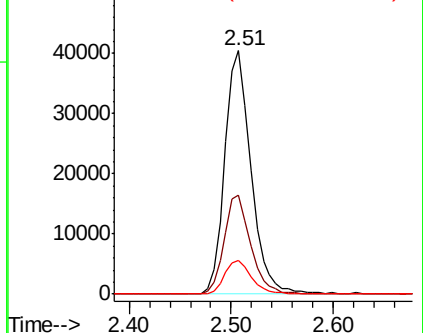
141 14.2 11.4 17.0

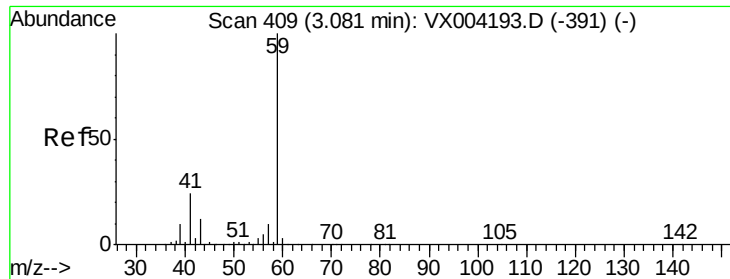


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

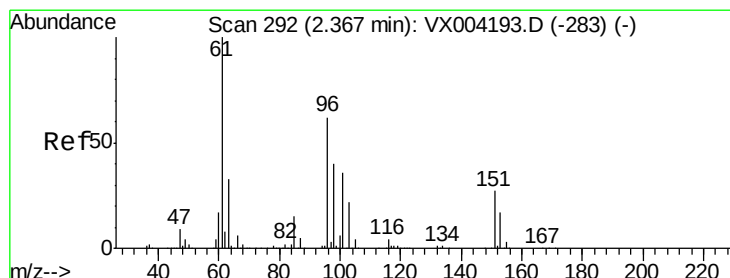
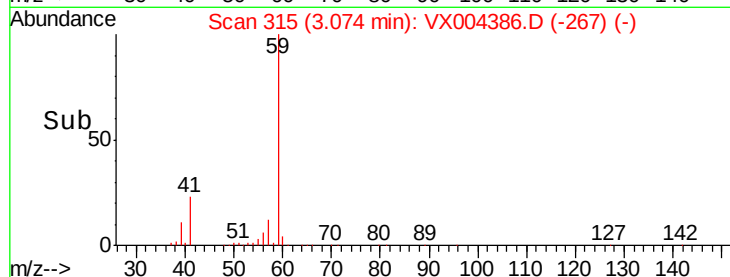
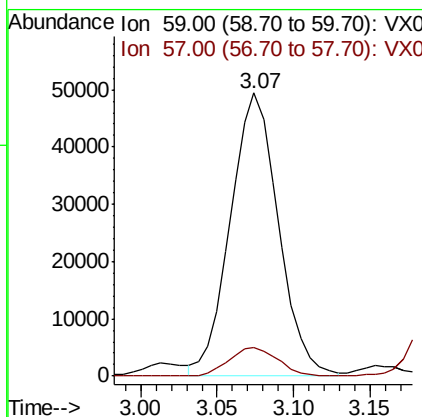
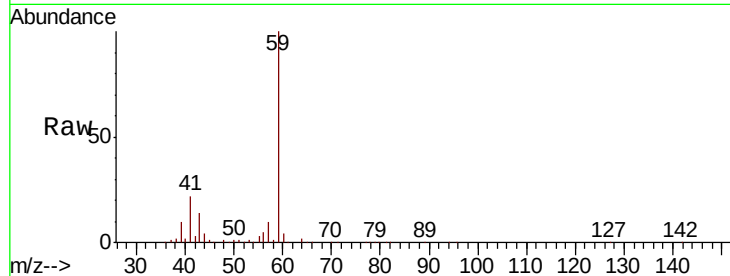




#11
Tert butyl alcohol
Concen: 112.55 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

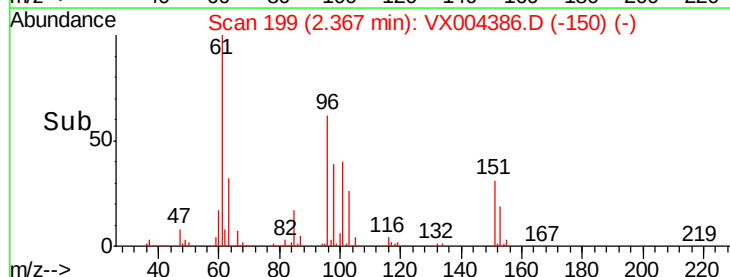
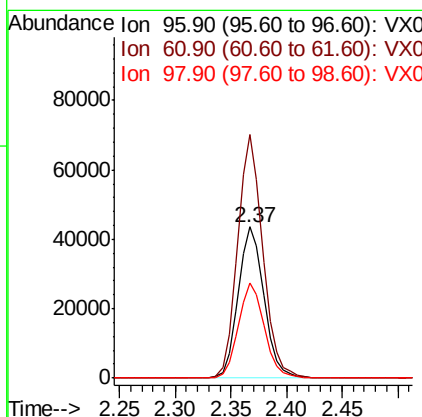
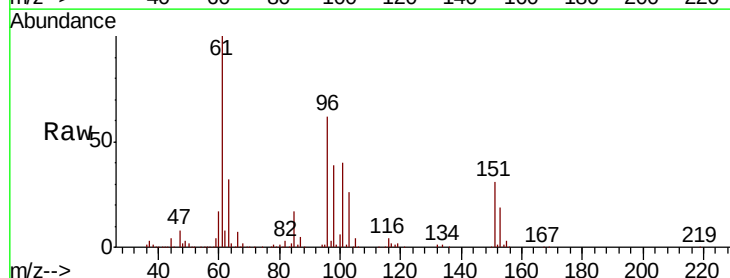
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

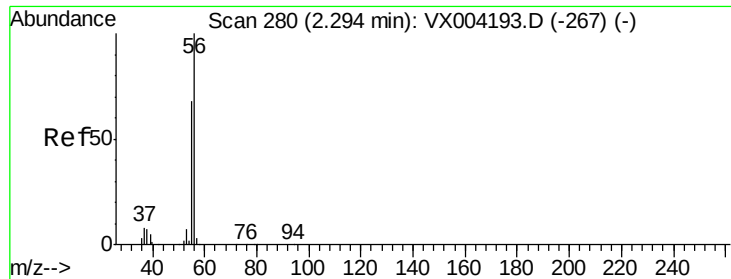
Tot Ion: 59 Resp: 107868
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.17 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion: 96 Resp: 70058
Ion Ratio Lower Upper
96 100
61 161.3 128.8 193.2
98 62.9 52.2 78.2





#13

Acrolein

Concen: 75.74 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

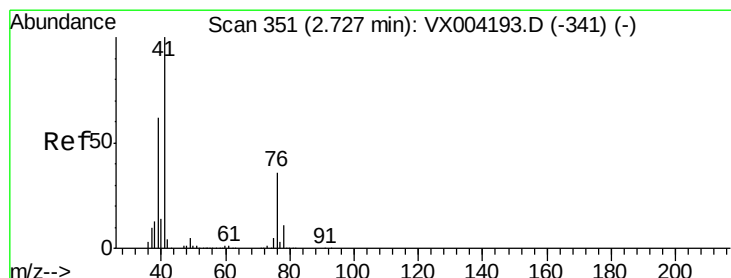
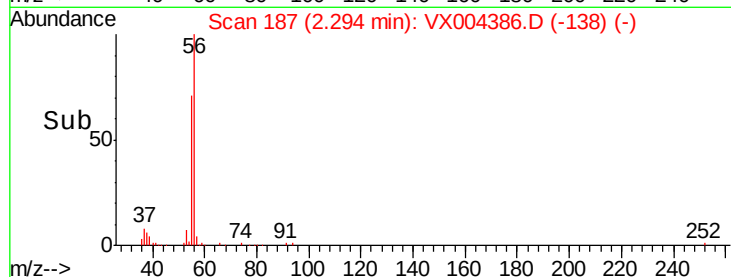
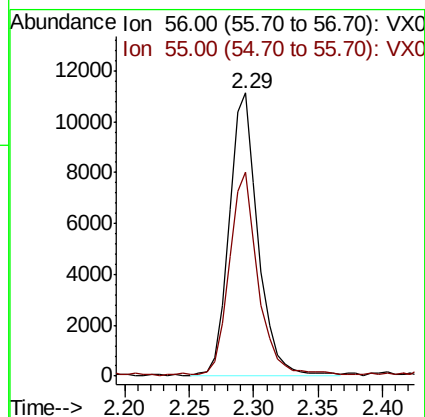
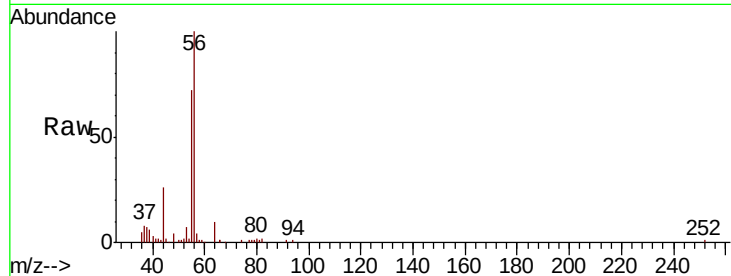
VX0906WBSD01

Tot Ion: 56 Resp: 17500

Ion Ratio Lower Upper

56 100

55 70.9 54.7 82.1



#14

Allyl chloride

Concen: 20.42 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

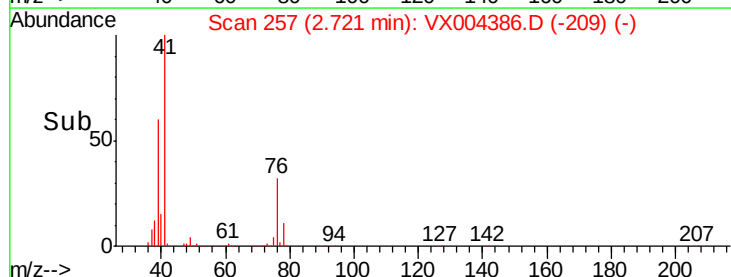
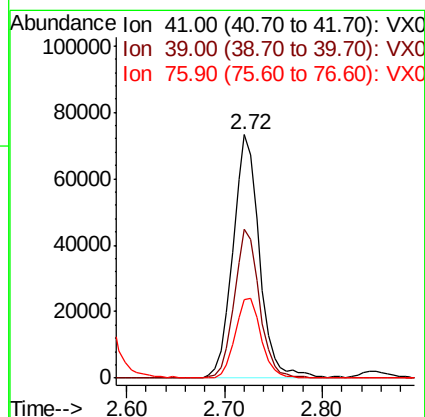
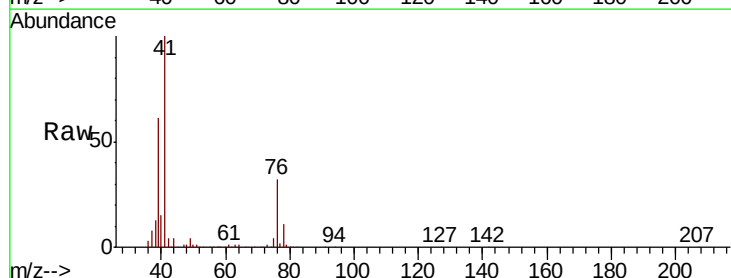
Tgt Ion: 41 Resp: 137082

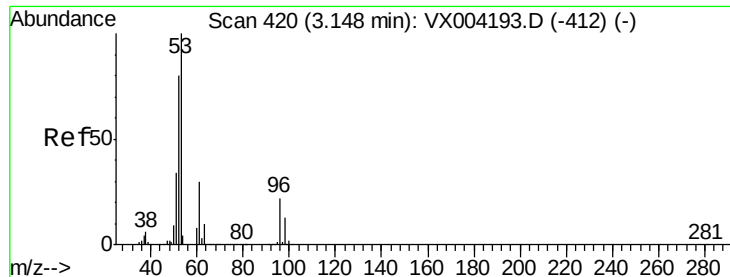
Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

76 32.4 26.7 40.1





#15

Acrylonitrile

Concen: 107.19 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

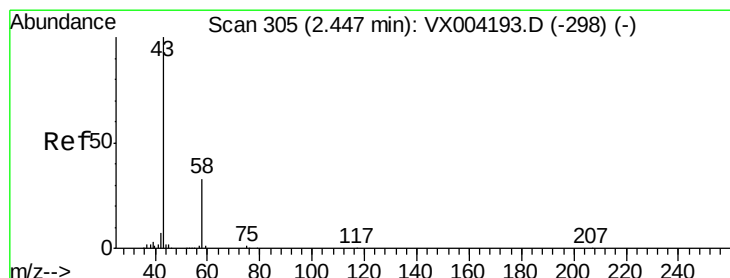
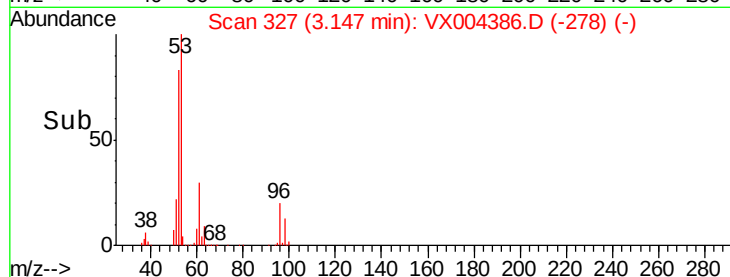
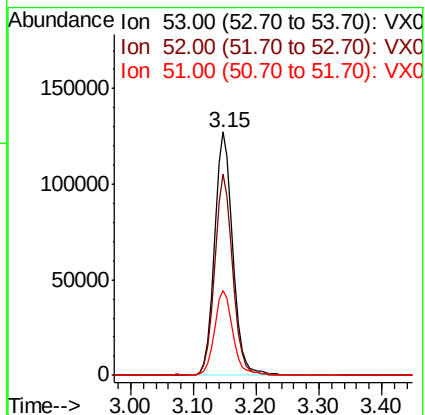
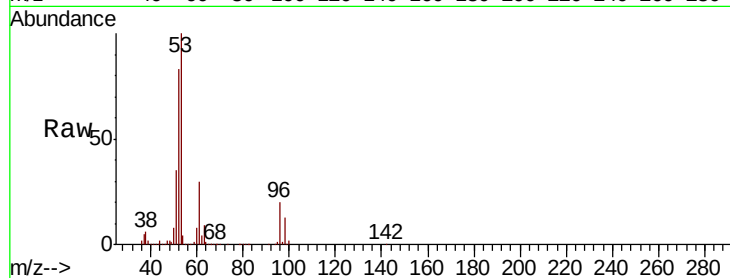
Tot Ion: 53 Resp: 254403

Ion Ratio Lower Upper

53 100

52 81.6 65.2 97.8

51 35.0 28.2 42.2



#16

Acetone

Concen: 112.02 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004386.D

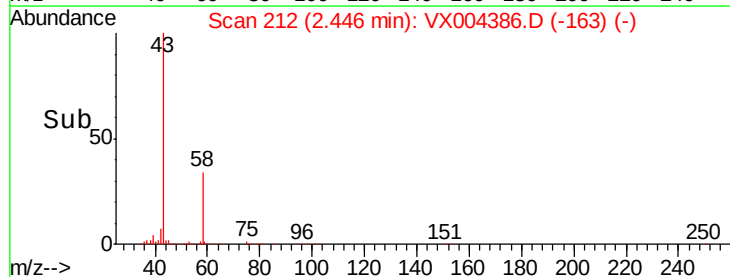
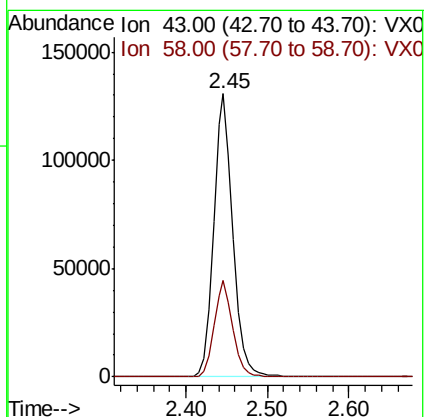
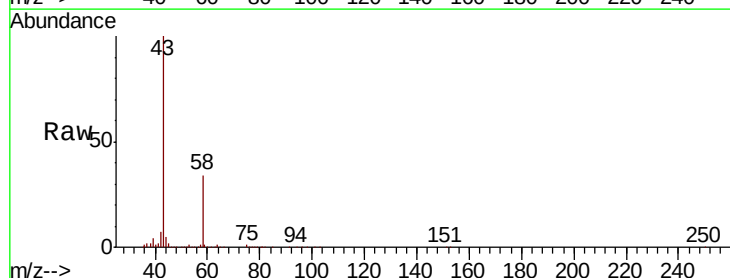
Acq: 06 Sep 2018 15:45

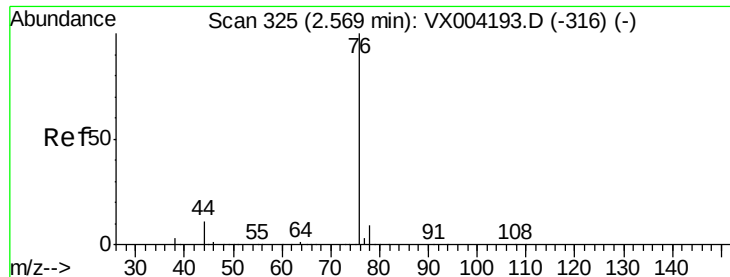
Tgt Ion: 43 Resp: 213771

Ion Ratio Lower Upper

43 100

58 34.0 26.2 39.4





#17

Carbon Disulfide

Concen: 16.96 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

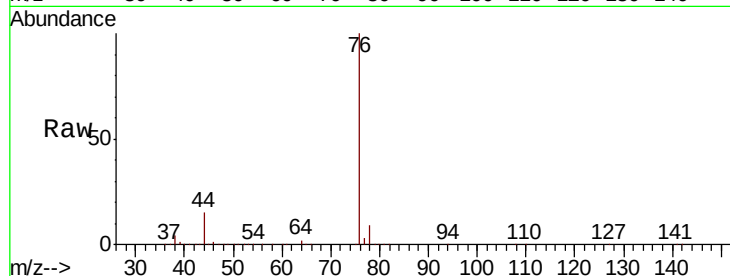
VX0906WBSD01

Tot Ion: 76 Resp: 166647

Ion Ratio Lower Upper

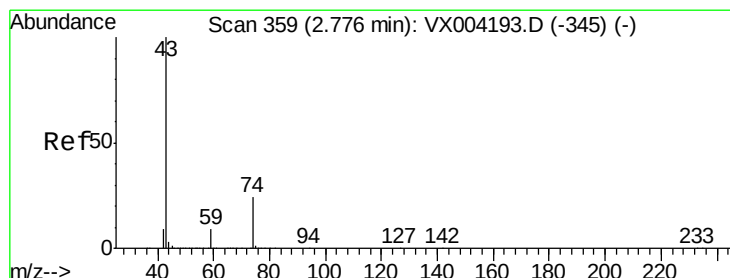
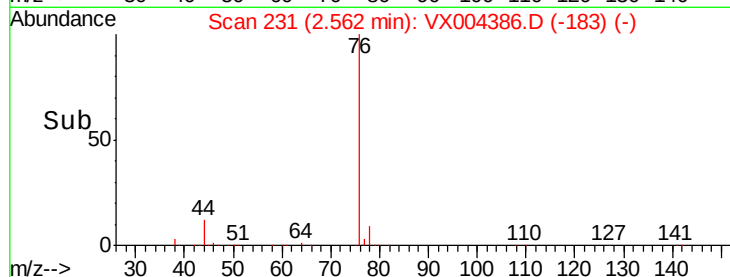
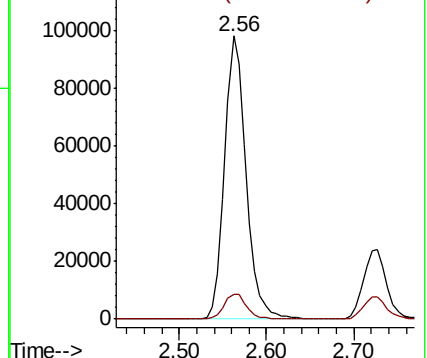
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.72 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004386.D

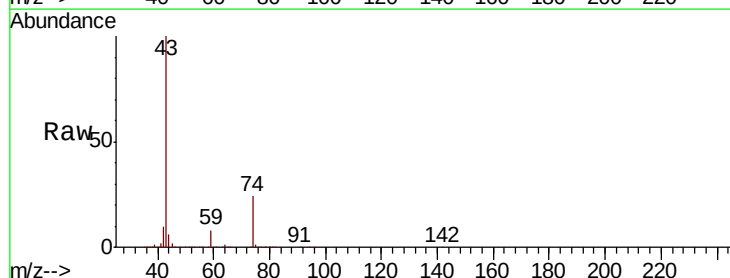
Acq: 06 Sep 2018 15:45

Tgt Ion: 43 Resp: 184944

Ion Ratio Lower Upper

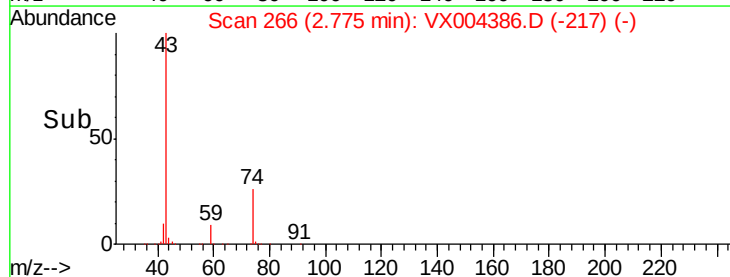
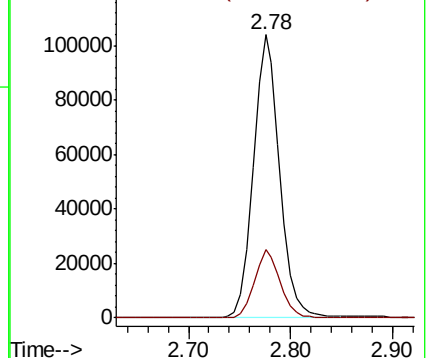
43 100

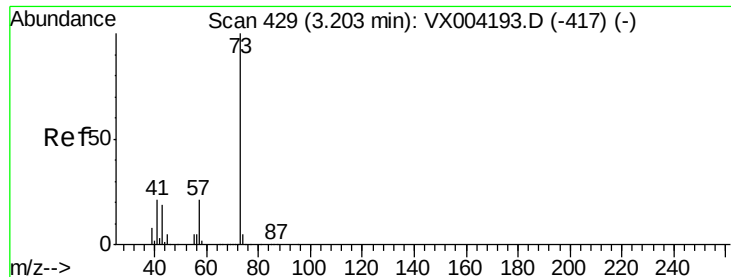
74 24.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



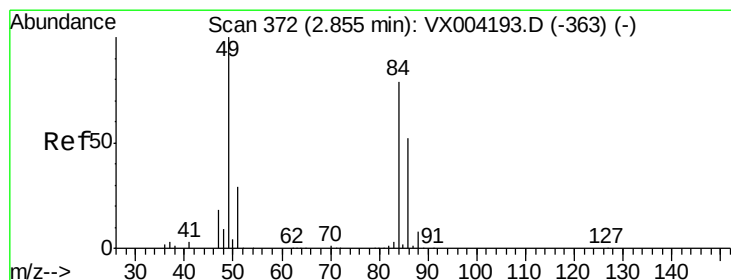
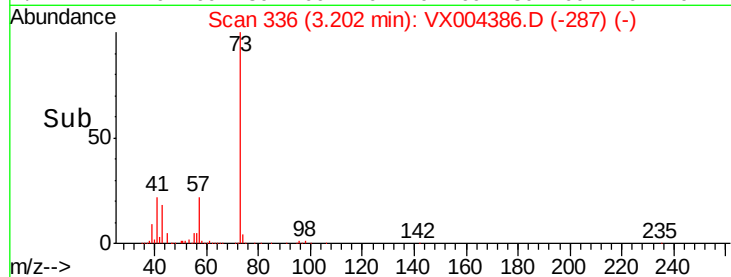
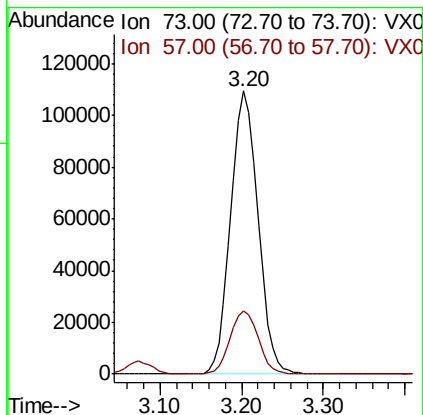
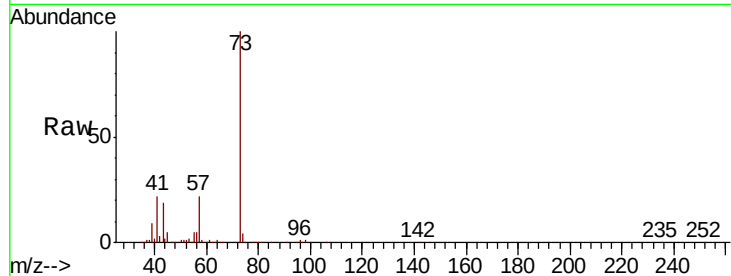


#19

Methyl tert-butyl Ether
 Concen: 21.08 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

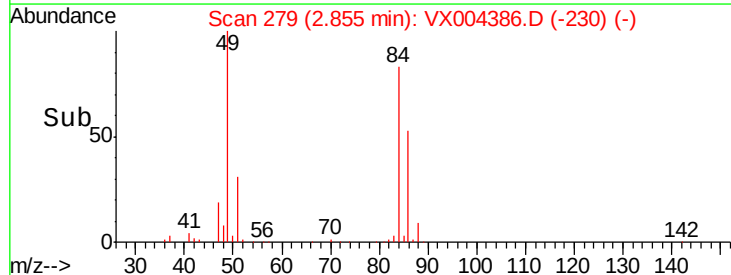
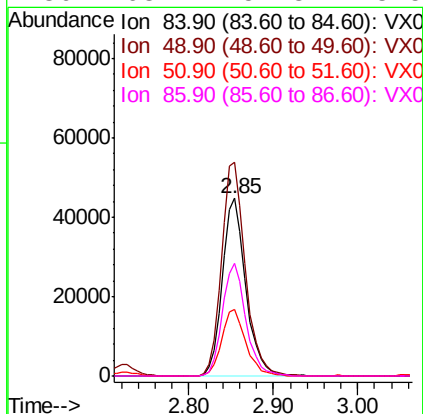
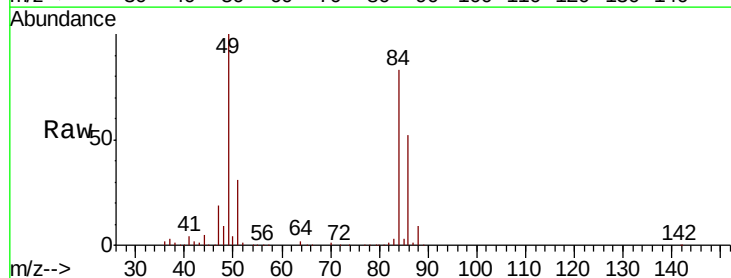
Tot Ion: 73 Resp: 253901
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.1 25.7

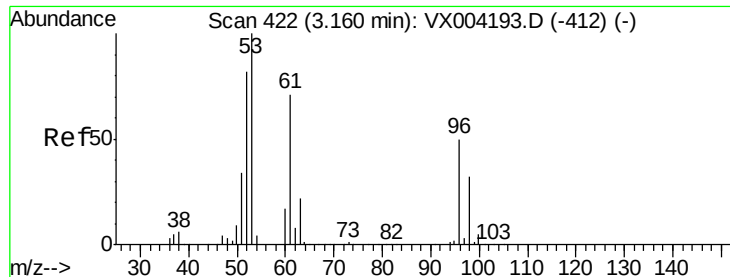


#20

Methylene Chloride
 Concen: 19.79 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion: 84 Resp: 85672
 Ion Ratio Lower Upper
 84 100
 49 120.4 101.2 151.8
 51 37.1 29.5 44.3
 86 63.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.66 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

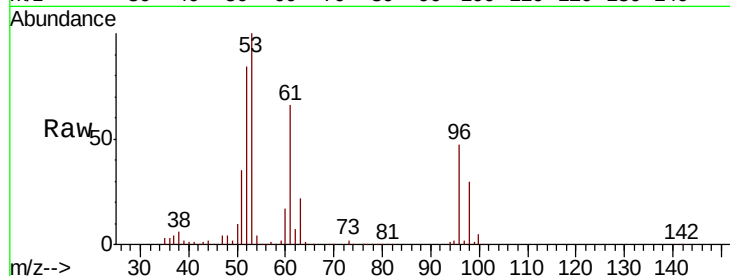
Tot Ion: 96 Resp: 75494

Ion Ratio Lower Upper

96 100

61 140.2 113.8 170.6

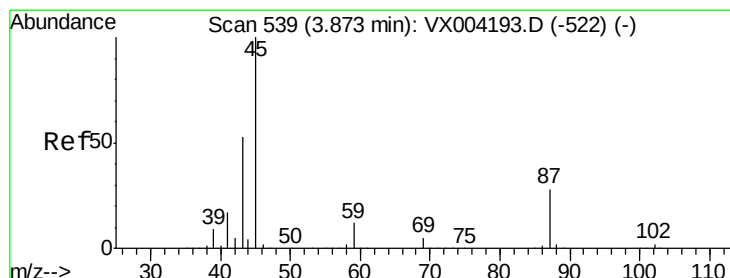
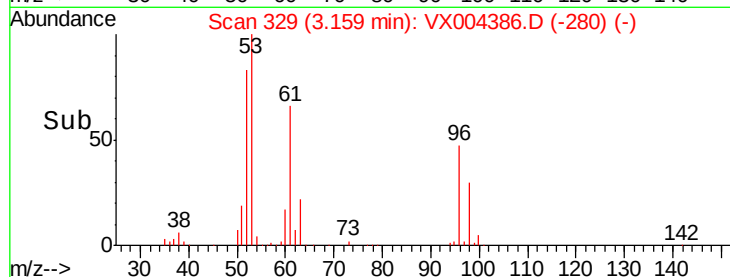
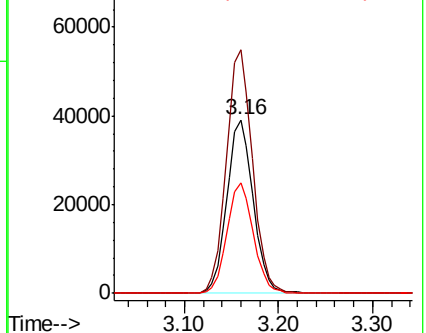
98 63.9 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.72 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Tgt Ion: 45 Resp: 259704

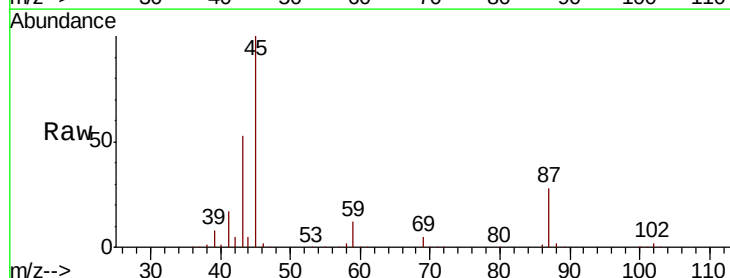
Ion Ratio Lower Upper

45 100

43 52.5 42.8 64.2

87 28.0 22.6 34.0

59 11.7 9.6 14.4

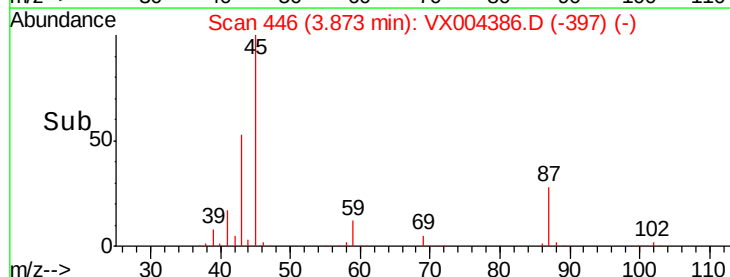
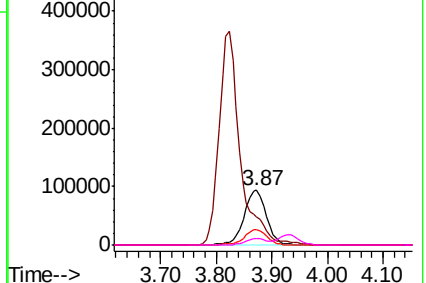


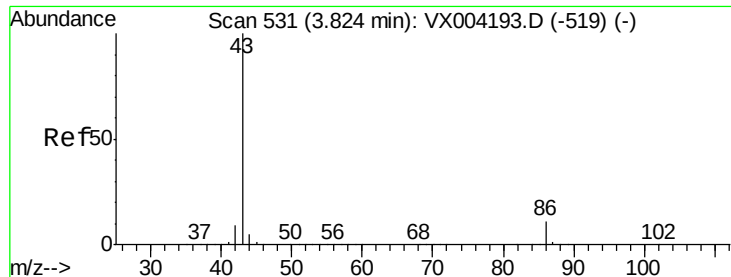
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.17 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

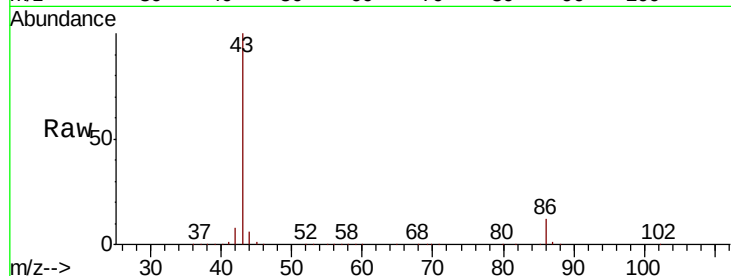
VX0906WBSD01

Tot Ion: 43 Resp: 967004

Ion Ratio Lower Upper

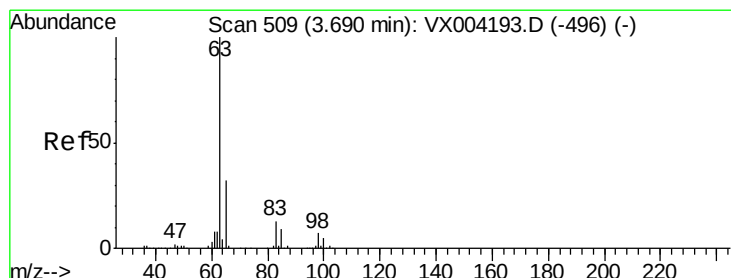
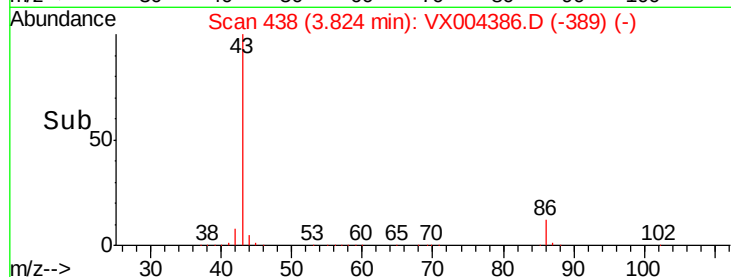
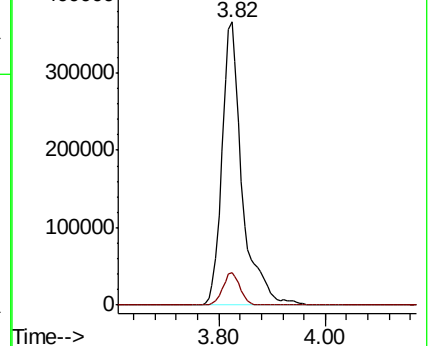
43 100

86 11.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.58 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

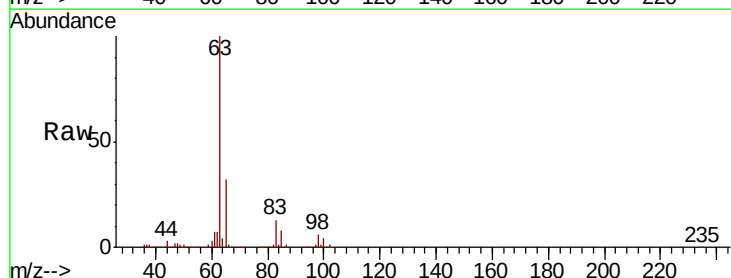
Tgt Ion: 63 Resp: 150339

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

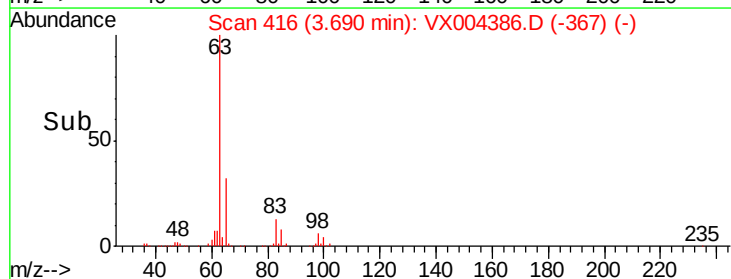
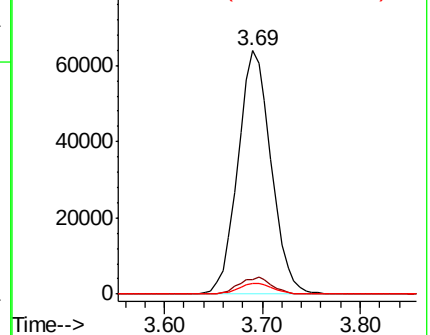
100 4.5 2.4 7.1

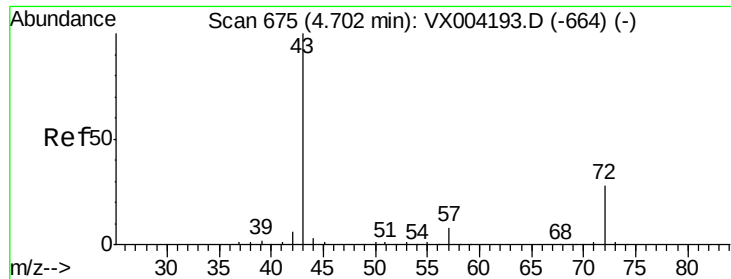


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 108.40 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampled :

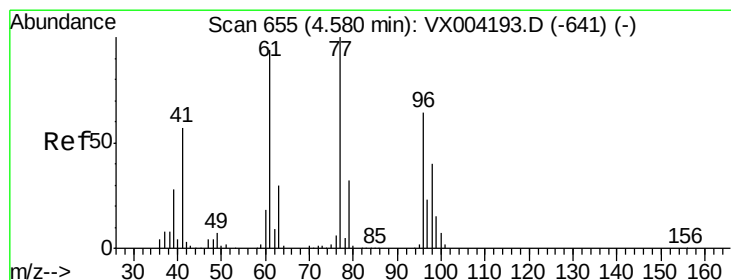
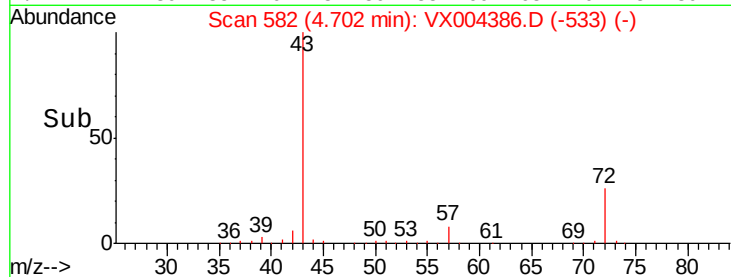
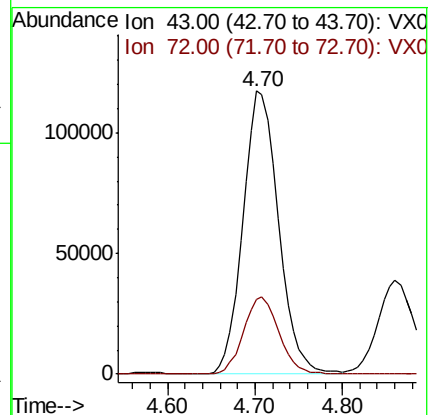
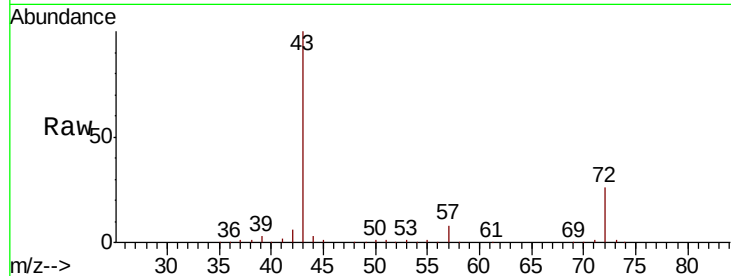
VX0906WBSD01

Tot Ion: 43 Resp: 331427

Ion Ratio Lower Upper

43 100

72 26.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 19.09 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004386.D

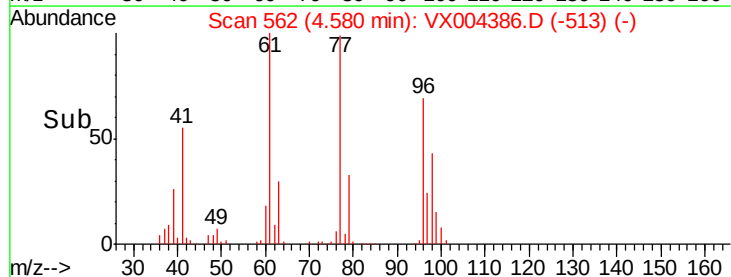
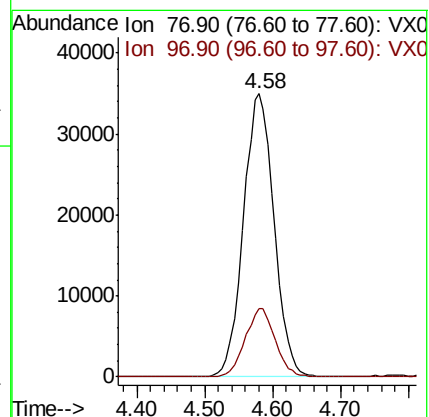
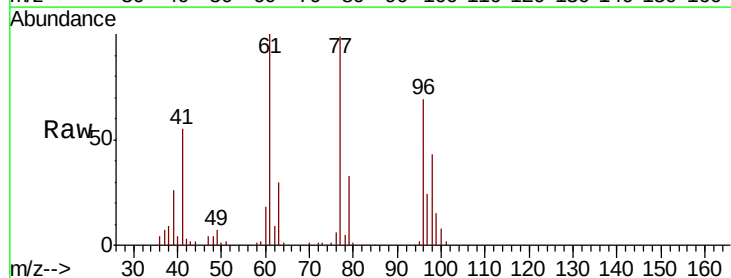
Acq: 06 Sep 2018 15:45

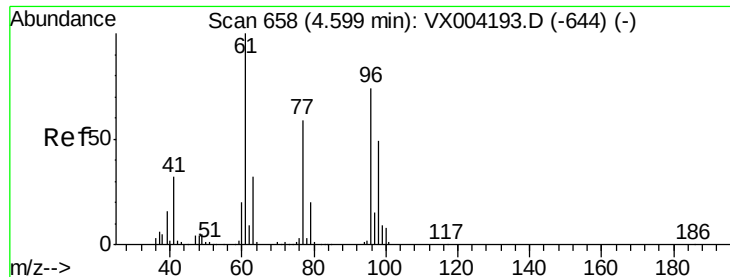
Tgt Ion: 77 Resp: 109359

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



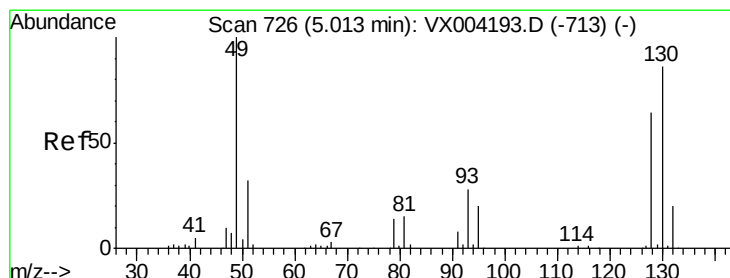
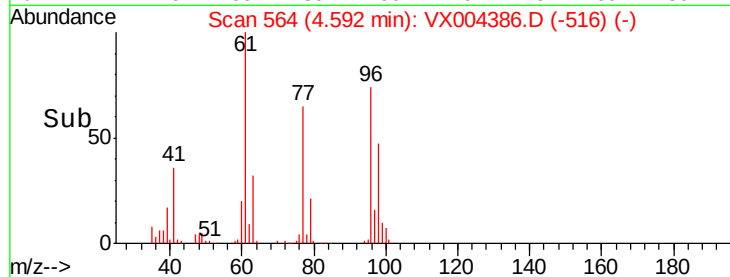
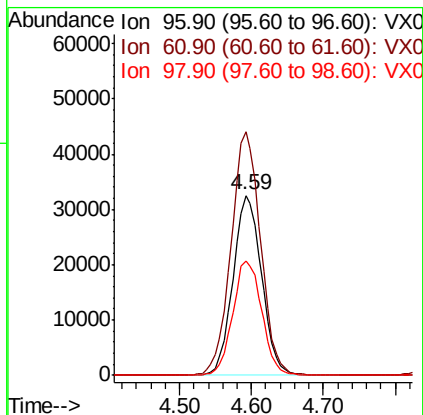
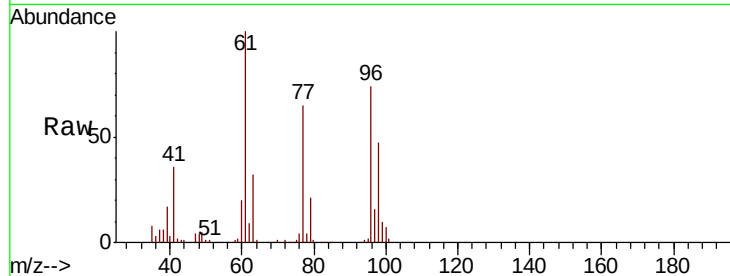


#27

cis-1,2-Dichloroethene
 Concen: 19.57 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

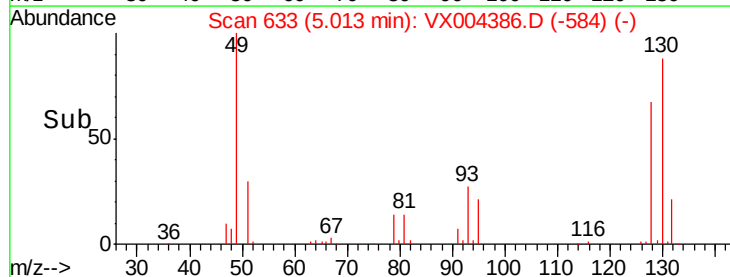
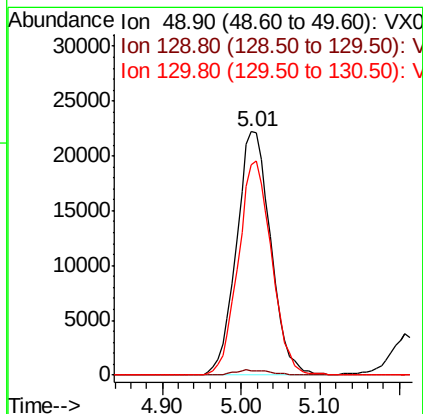
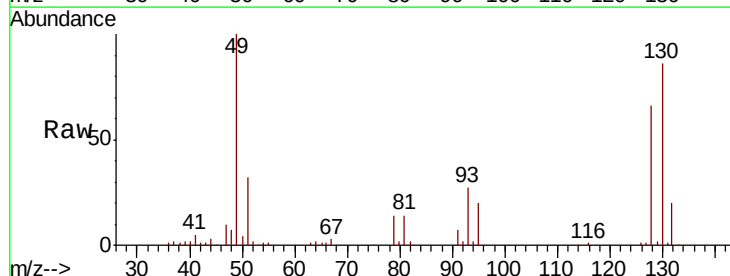
Tot Ion	96	Resp	89776
Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	282.6
98	64.7	0.0	130.2

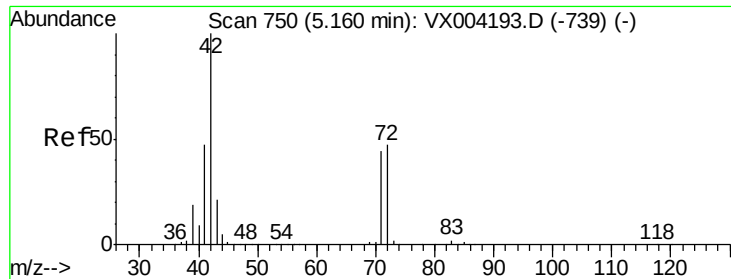


#28

Bromochloromethane
 Concen: 20.79 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion	49	Resp	67236
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	85.5	67.5	101.3

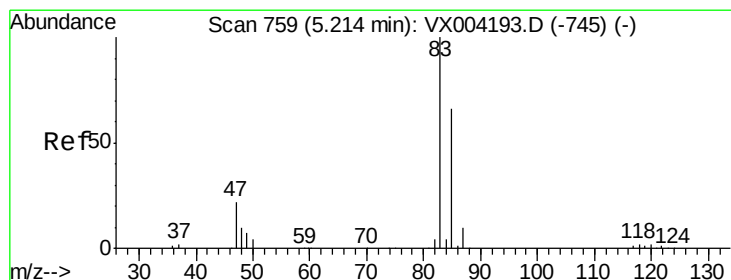
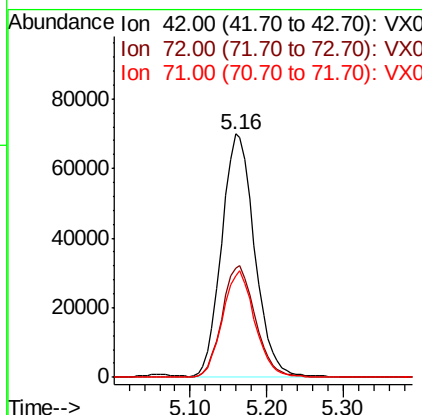
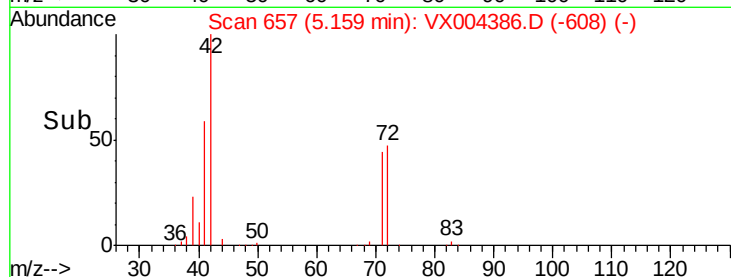
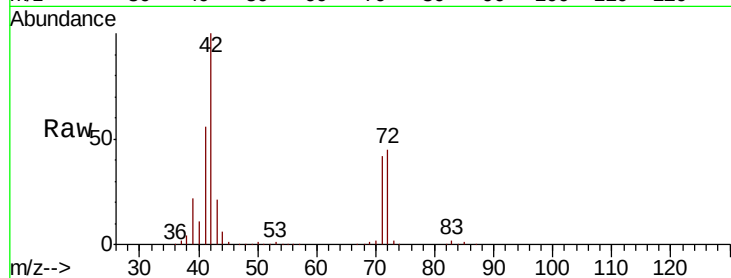




#29
Tetrahydrofuran
Concen: 107.33 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

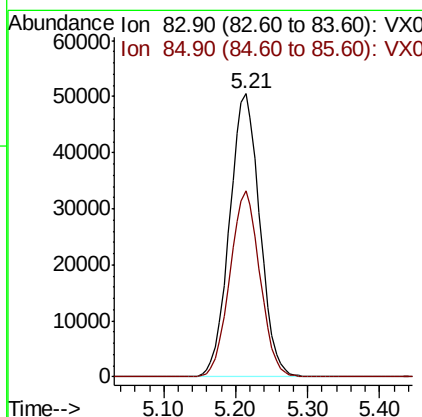
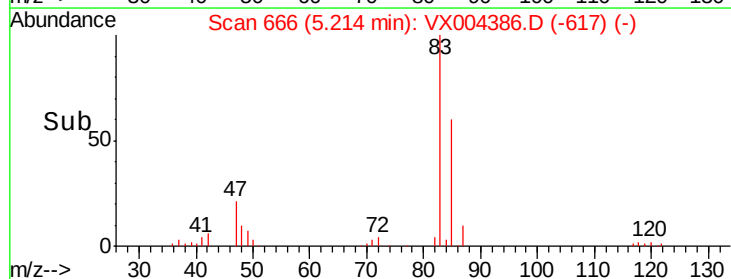
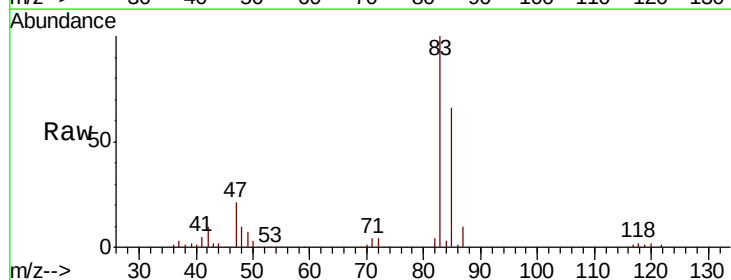
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

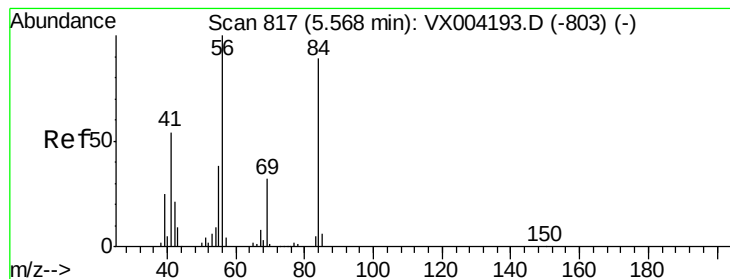
Tot Ion: 42 Resp: 207337
Ion Ratio Lower Upper
42 100
72 46.8 37.4 56.0
71 43.2 34.5 51.7



#30
Chloroform
Concen: 20.16 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion: 83 Resp: 147648
Ion Ratio Lower Upper
83 100
85 65.8 52.6 79.0





#31

Cyclohexane

Concen: 18.90 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampled :

VX0906WBSD01

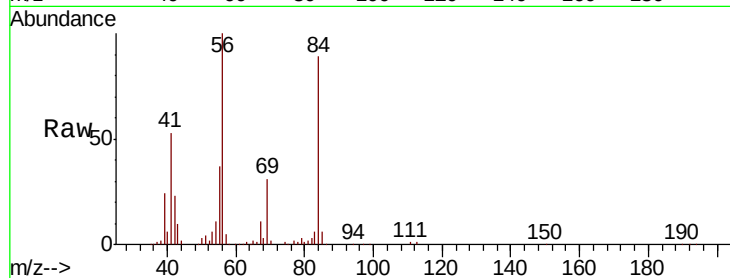
Tot Ion: 56 Resp: 119114

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

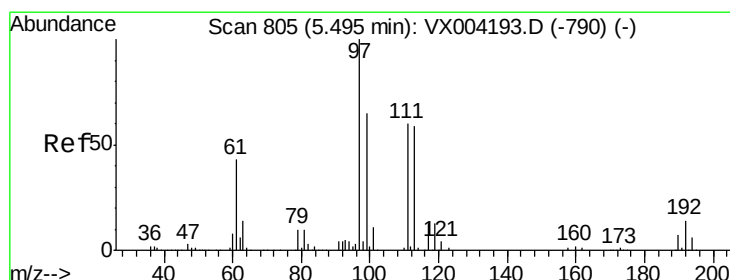
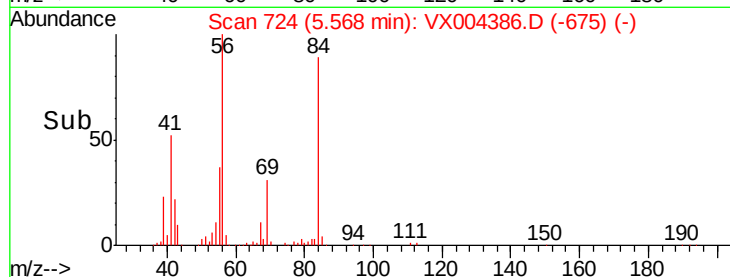
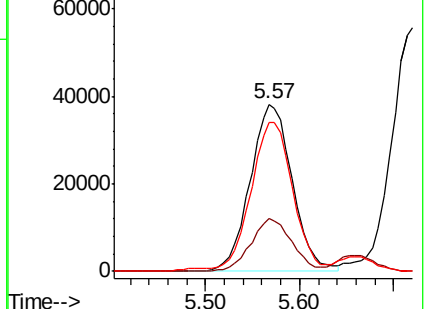
84 87.5 71.4 107.2



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: 19.74 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

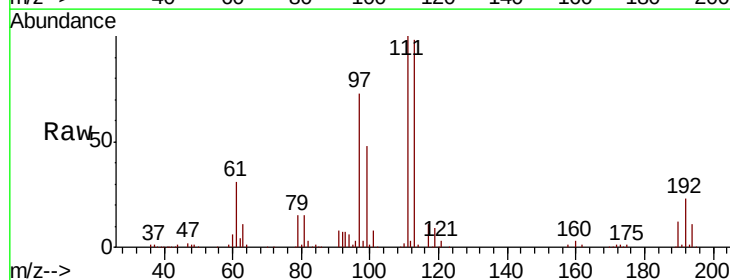
Tgt Ion: 97 Resp: 120553

Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

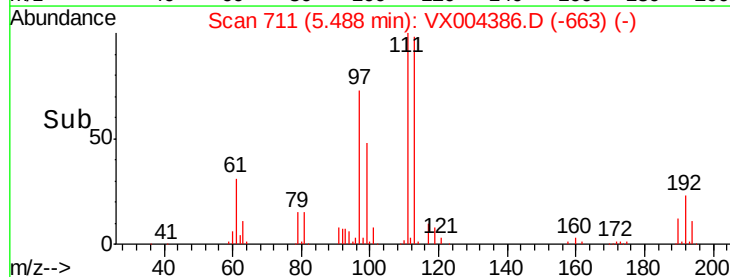
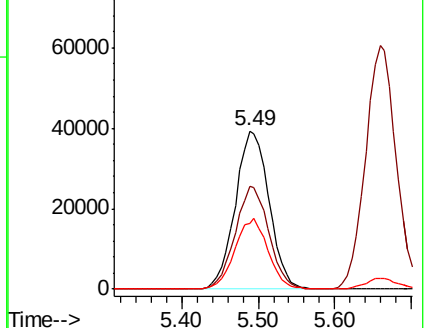
61 43.9 34.9 52.3

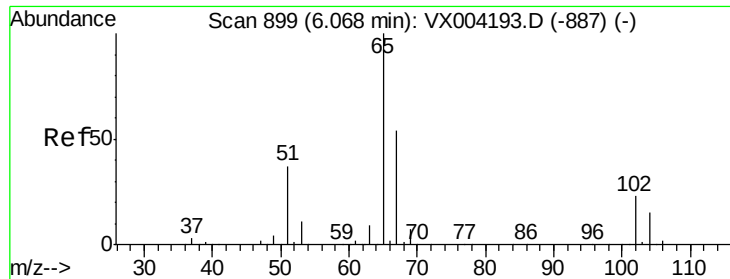


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

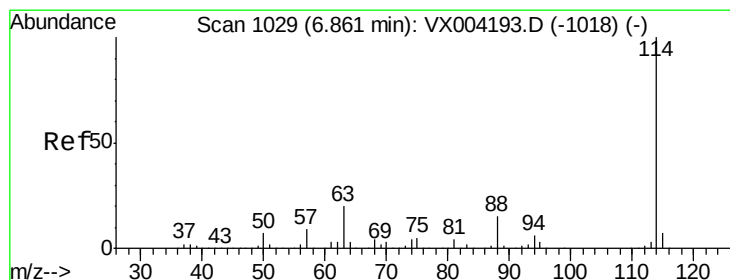
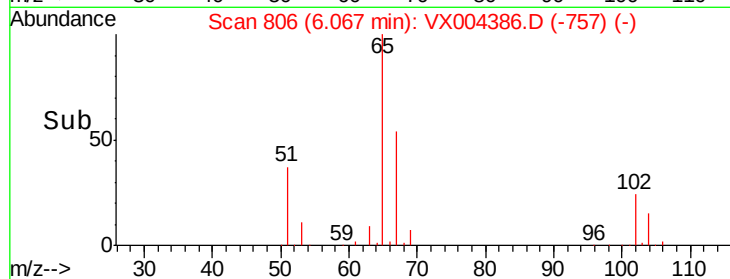
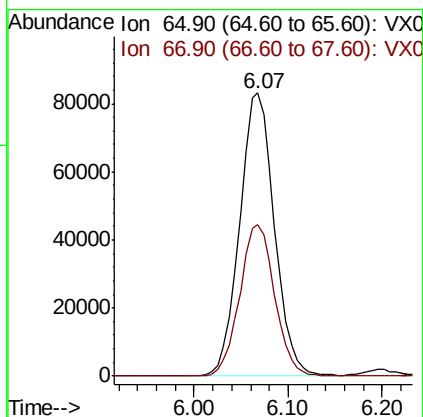
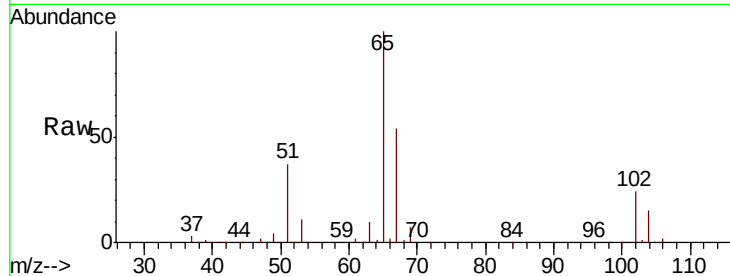




#33
 1,2-Dichloroethane-d4
 Concen: 47.69 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

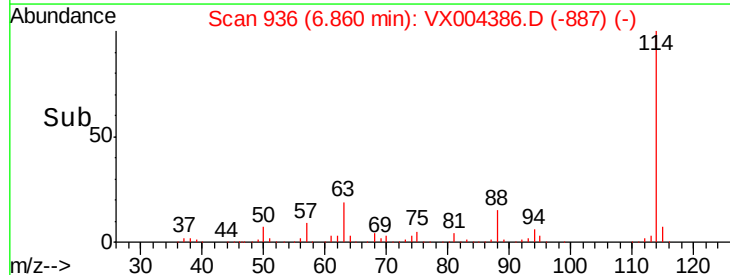
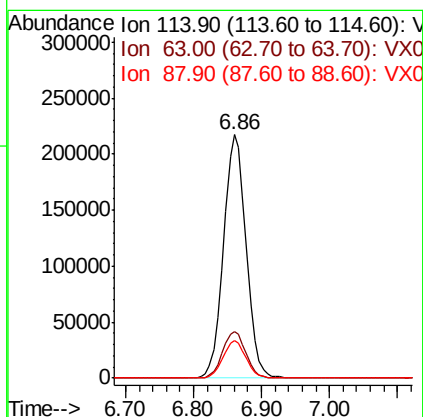
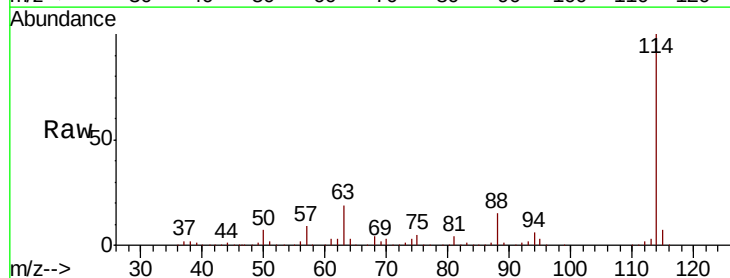
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

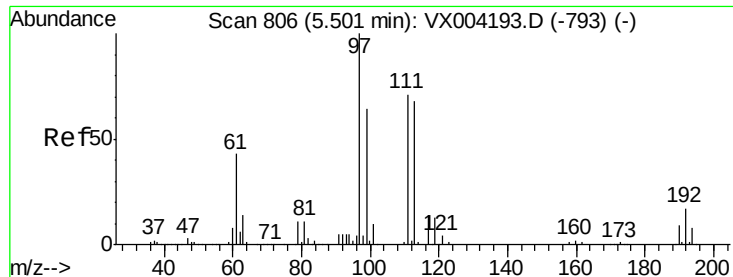
Tot Ion: 65 Resp: 214406
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion: 114 Resp: 499140
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.17 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

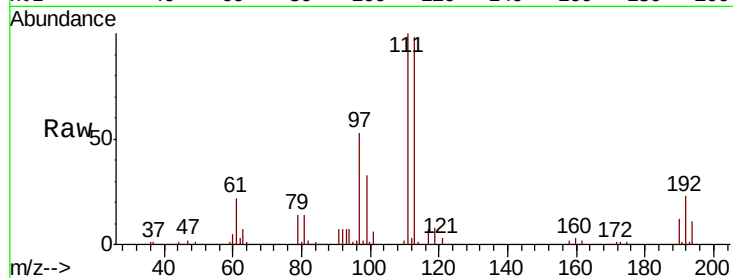
Tot Ion:113 Resp: 186313

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

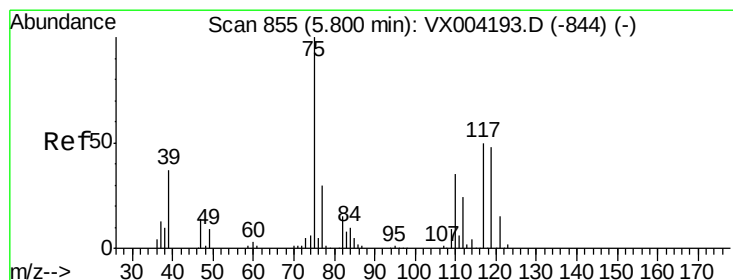
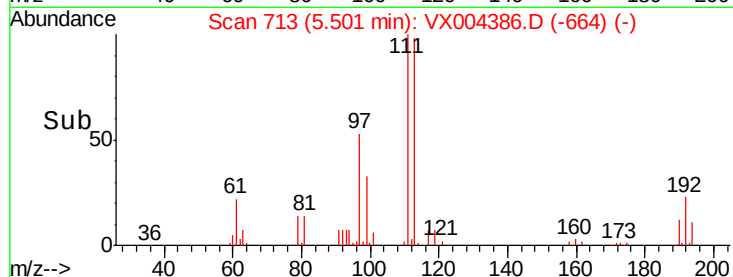
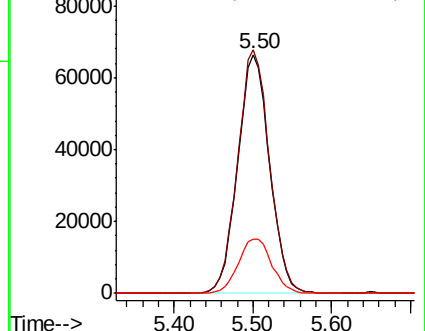
192 24.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.91 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

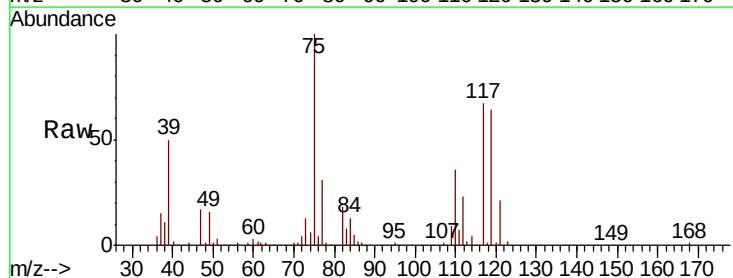
Tgt Ion: 75 Resp: 106101

Ion Ratio Lower Upper

75 100

110 36.5 18.0 54.0

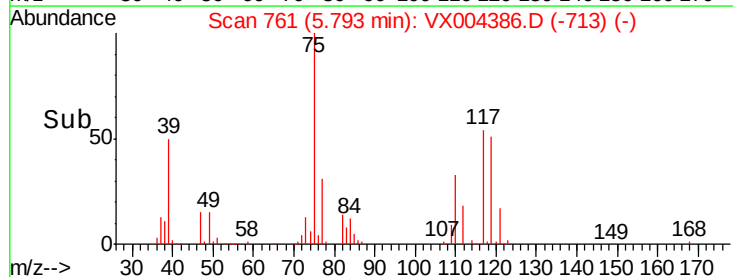
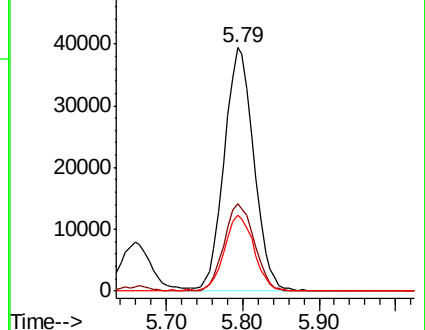
77 30.9 24.6 36.8

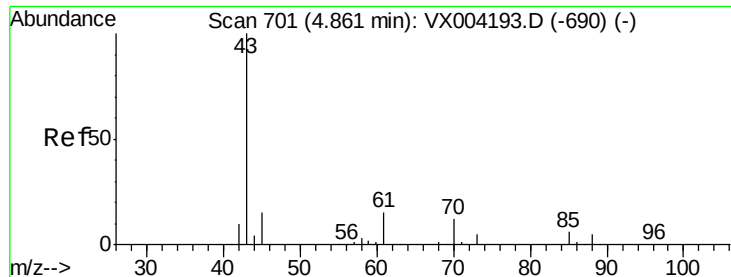


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

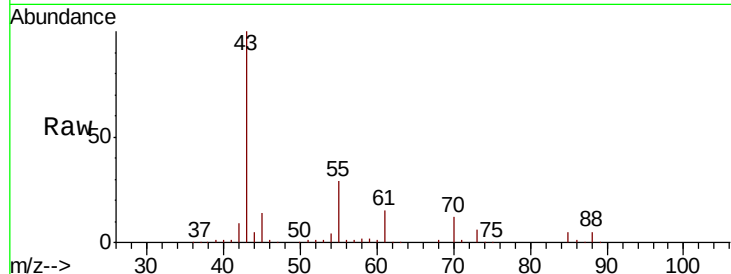




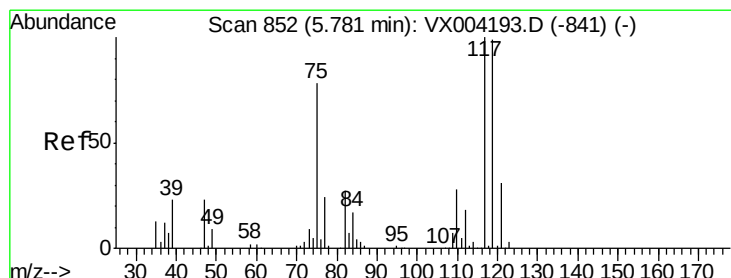
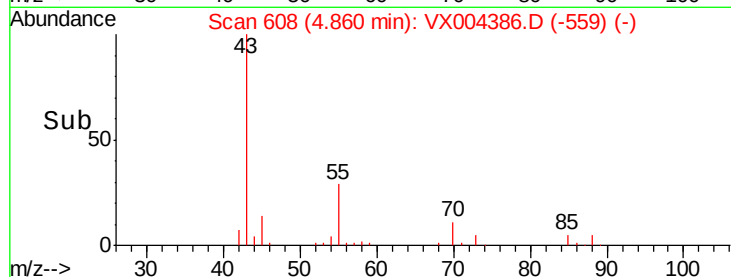
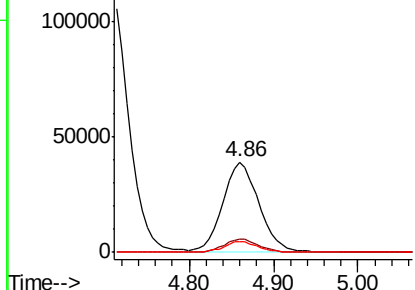
#37
Ethyl Acetate
Concen: 20.52 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Instrument :
MSVOA_X
ClientSampled :
VX0906WBSD01

Tot Ion: 43 Resp: 113234
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.6 9.0 13.6

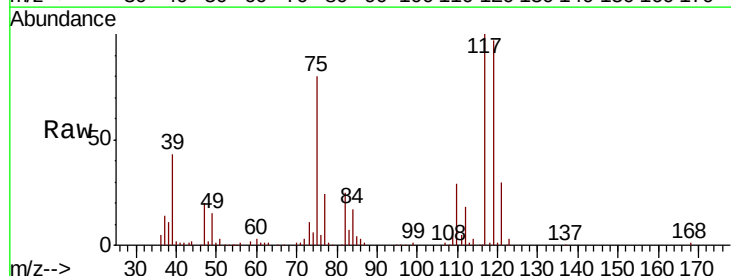


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

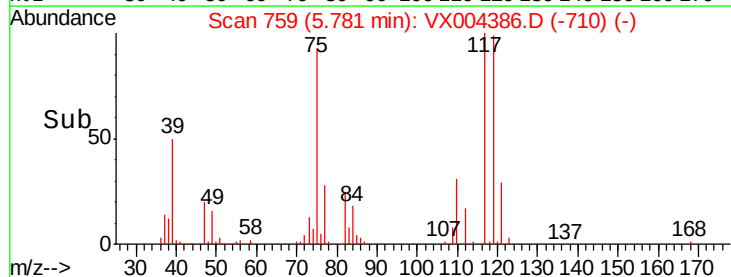
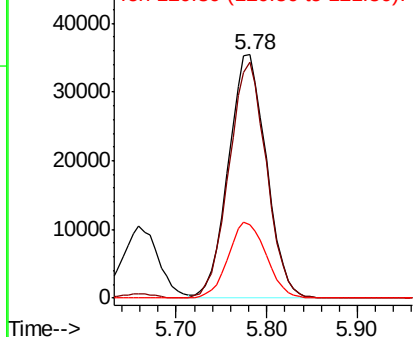


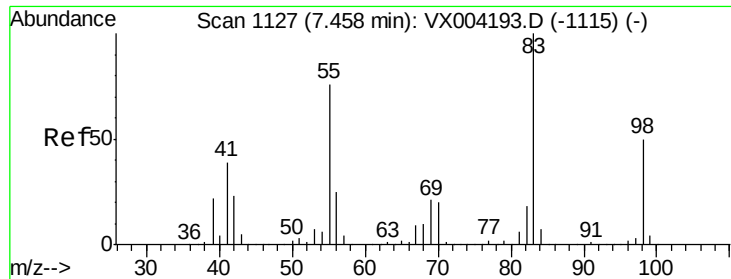
#38
Carbon Tetrachloride
Concen: 19.50 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion: 117 Resp: 102929
Ion Ratio Lower Upper
117 100
119 96.7 78.8 118.2
121 30.0 24.9 37.3



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

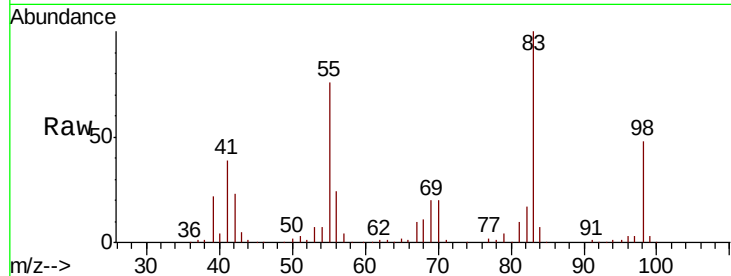




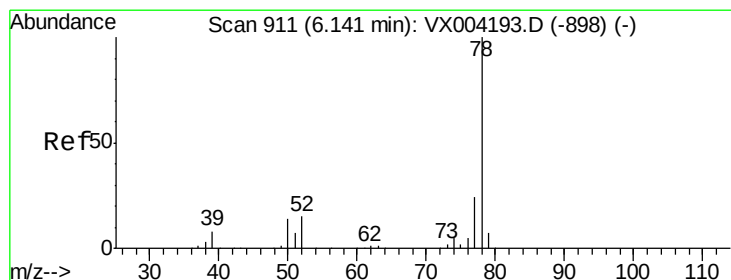
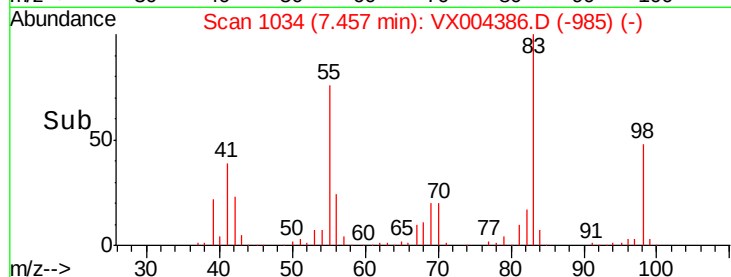
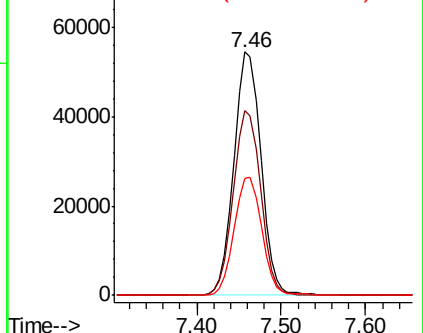
#39
Methylvlcyclohexane
Concen: 18.50 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Instrument :
MSVOA_X
ClientSampled :
VX0906WBSD01

Tot Ion: 83 Resp: 118524
Ion Ratio Lower Upper
83 100
55 75.9 61.0 91.4
98 48.1 39.6 59.4

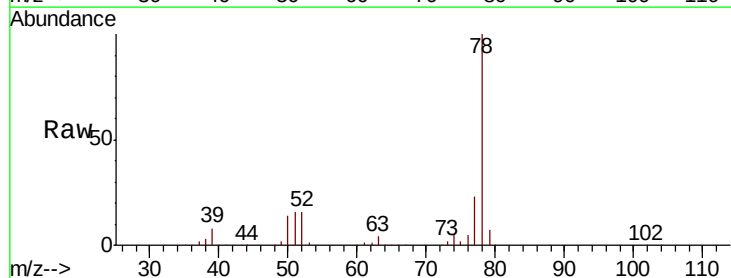


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

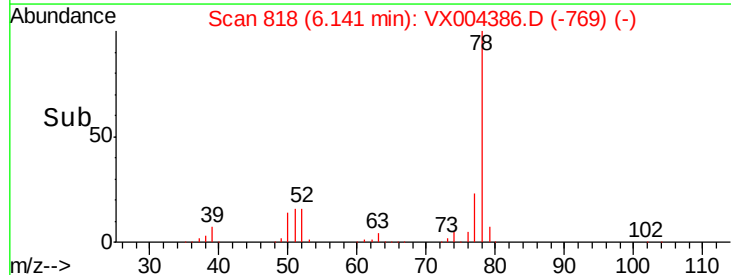
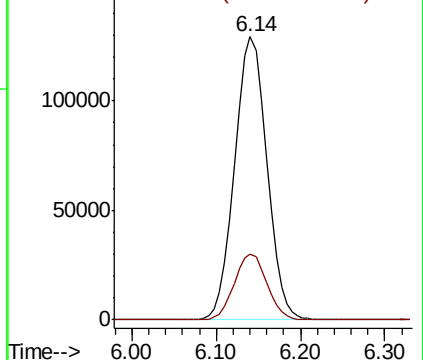


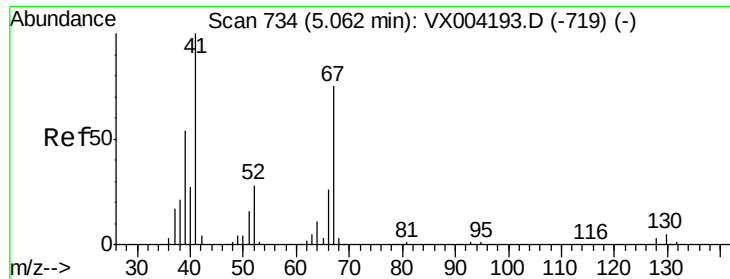
#40
Benzene
Concen: 20.01 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion: 78 Resp: 335508
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

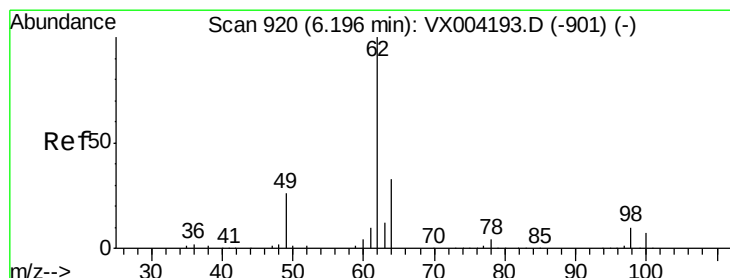
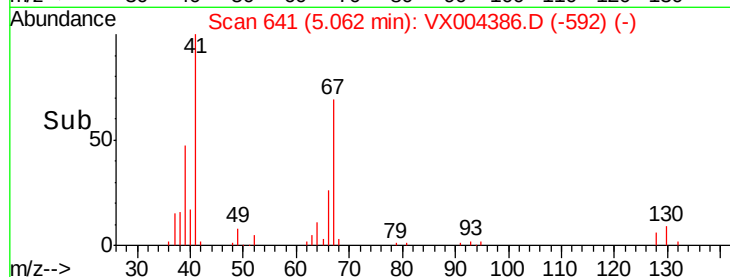
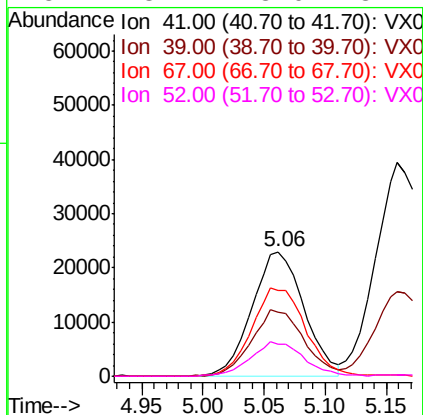
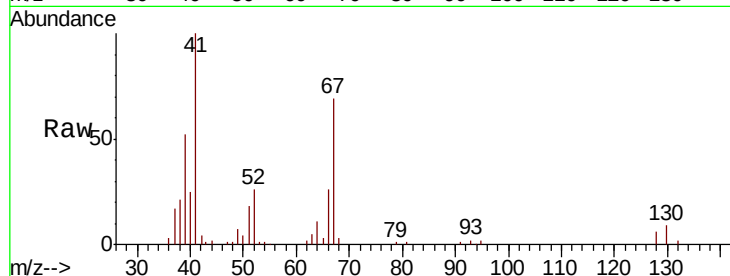




#41
Methacrylonitrile
Concen: 21.16 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

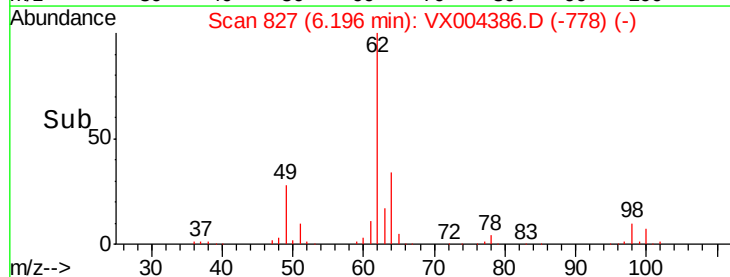
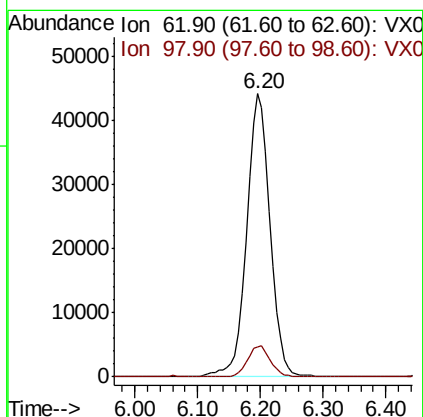
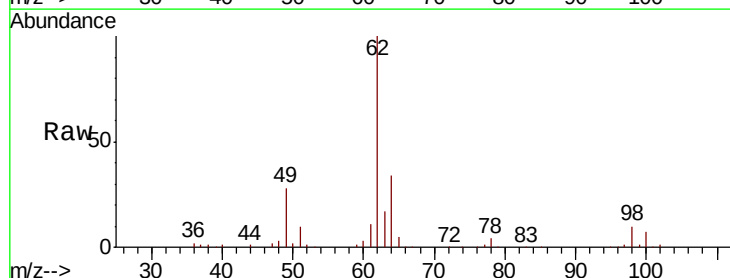
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

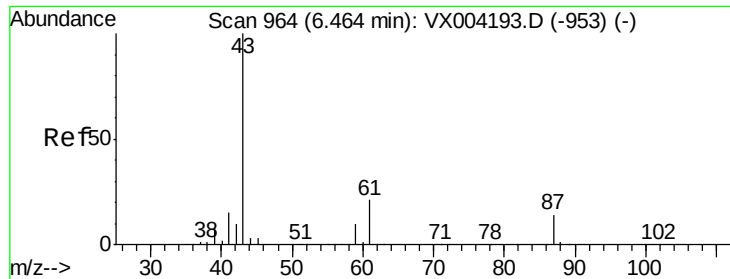
Tot Ion:	41	Resp:	67696
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.4	63.6
67	74.4	59.2	88.8
52	28.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.87 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion:	62	Resp:	113651
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.83 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

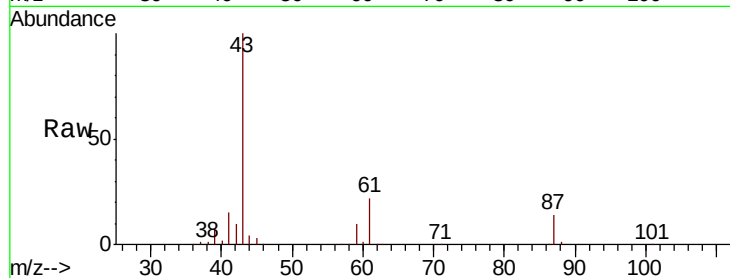
Tot Ion: 43 Resp: 176630

Ion Ratio Lower Upper

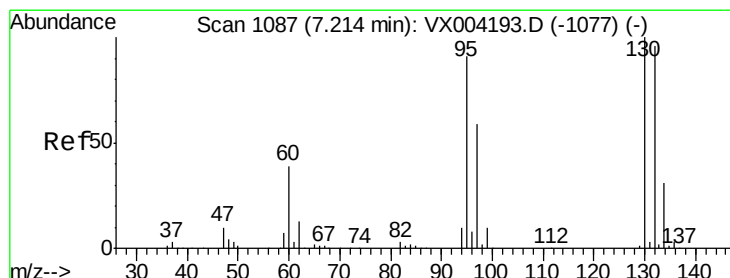
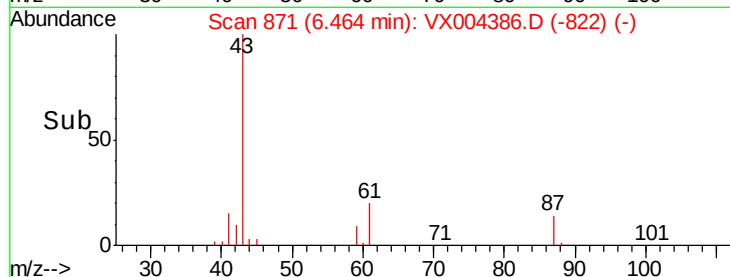
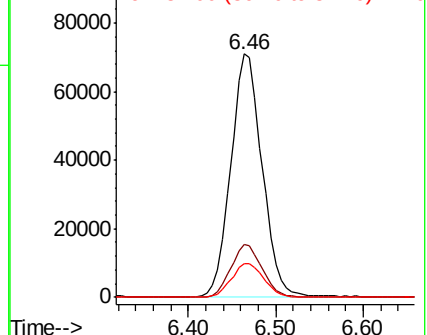
43 100

61 21.7 17.0 25.4

87 14.4 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: 19.34 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004386.D

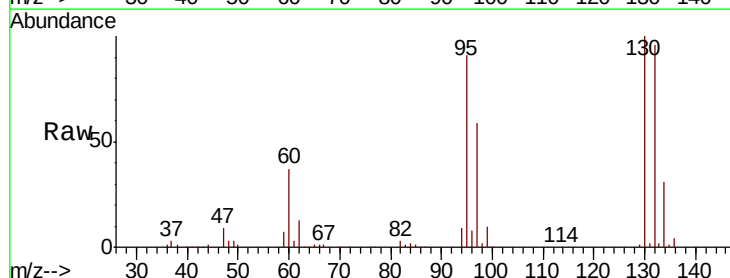
Acq: 06 Sep 2018 15:45

Tgt Ion:130 Resp: 89770

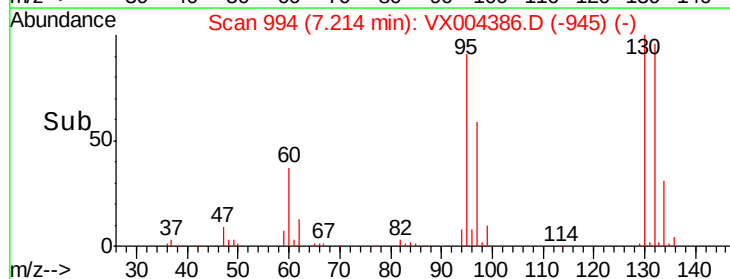
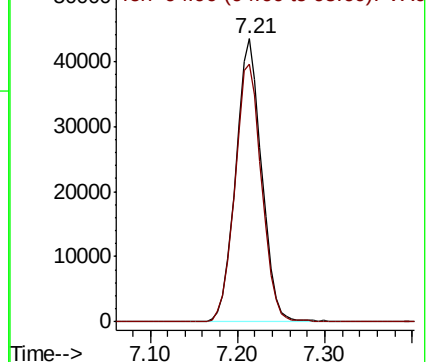
Ion Ratio Lower Upper

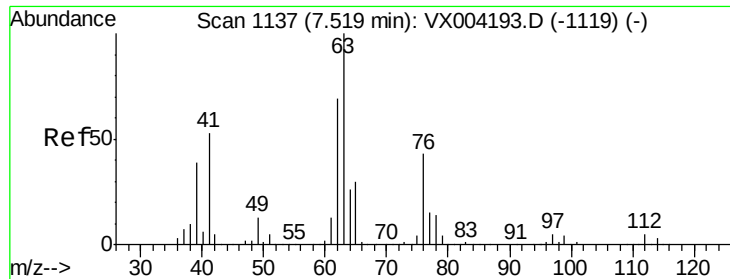
130 100

95 91.2 0.0 181.6



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

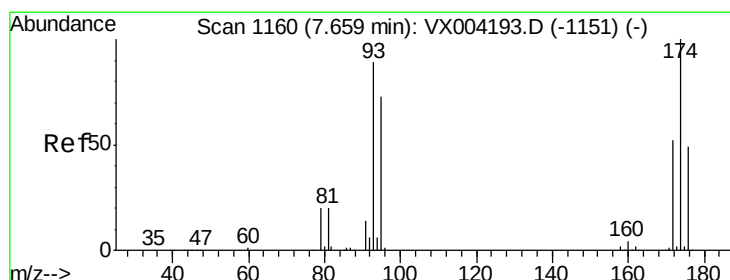
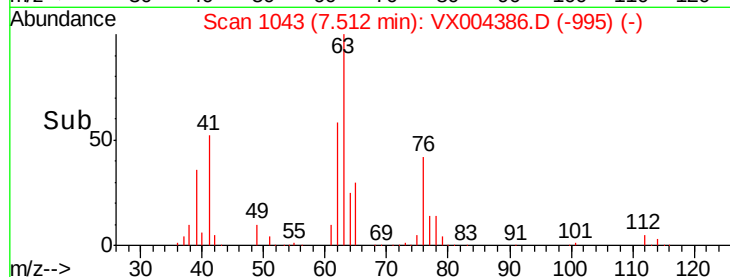
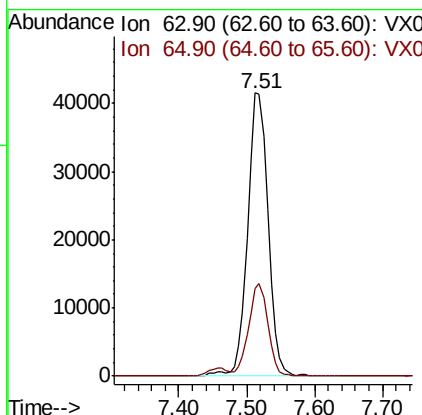
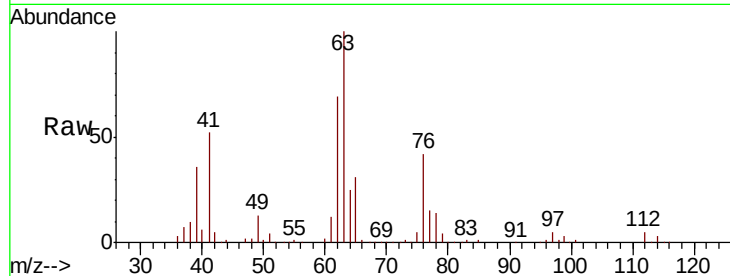




#45
 1,2-Dichloropropane
 Concen: 20.82 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

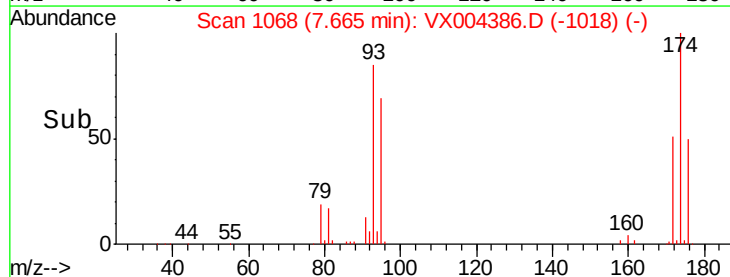
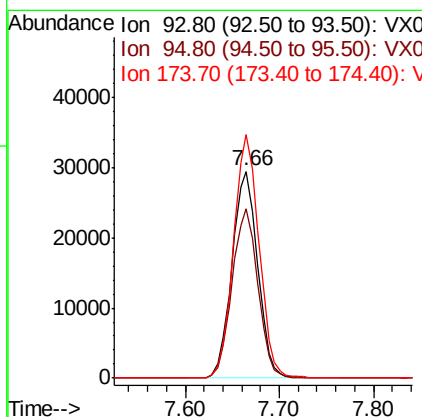
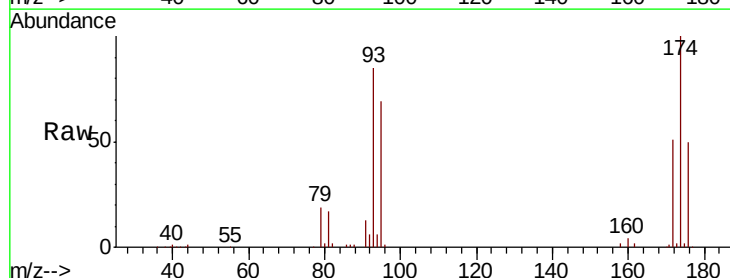
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

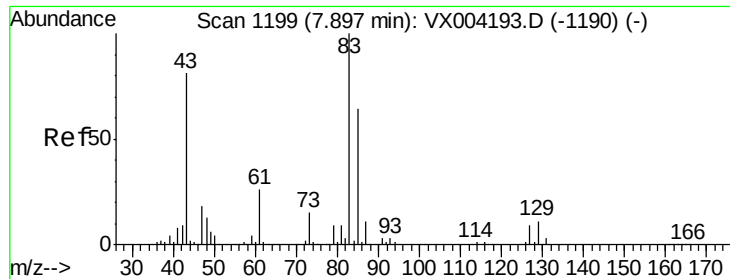
Tot Ion: 63 Resp: 87375
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5



#46
 Dibromomethane
 Concen: 20.00 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion: 93 Resp: 55898
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.5 98.3
 174 116.9 94.2 141.4





#47

Bromodichloromethane

Concen: 20.12 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

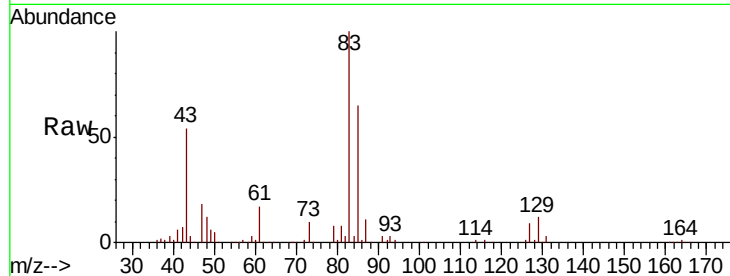
Tot Ion: 83 Resp: 104599

Ion Ratio Lower Upper

83 100

85 64.6 50.9 76.3

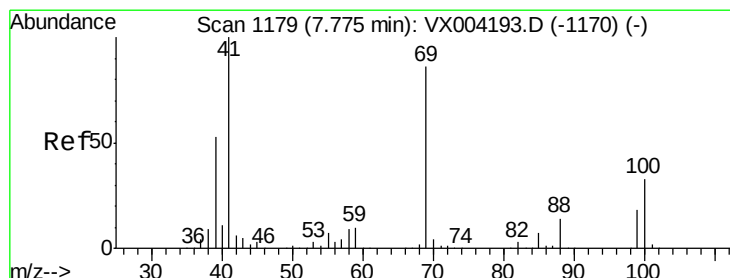
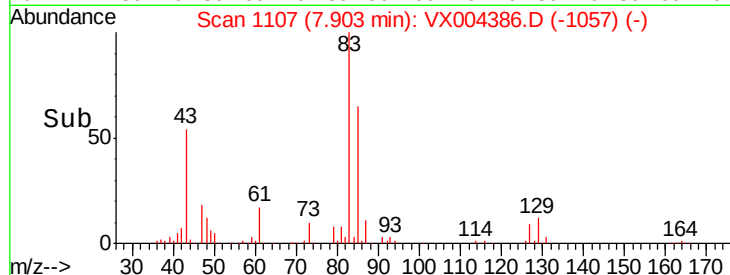
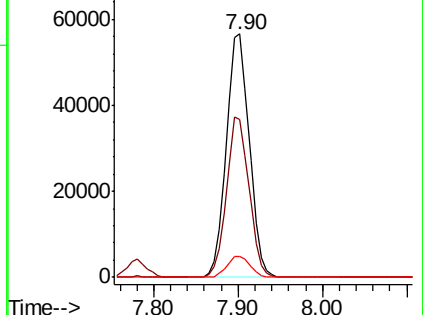
127 8.6 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.70 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

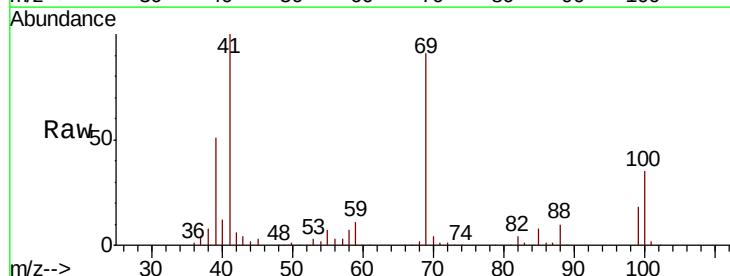
Tgt Ion: 41 Resp: 93916

Ion Ratio Lower Upper

41 100

69 88.5 70.2 105.4

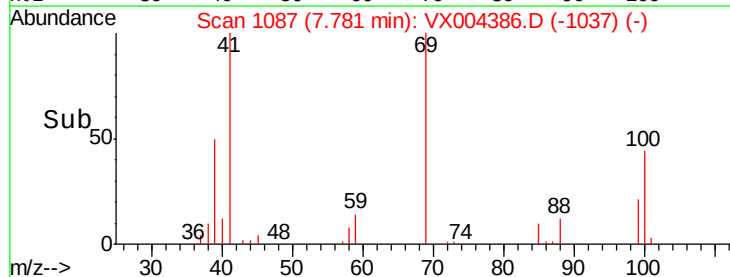
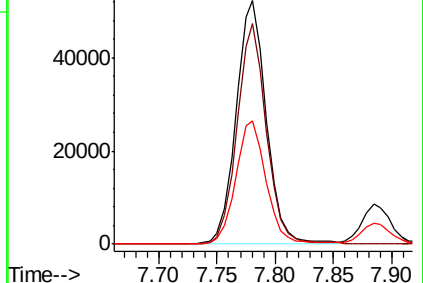
39 51.2 42.7 64.1

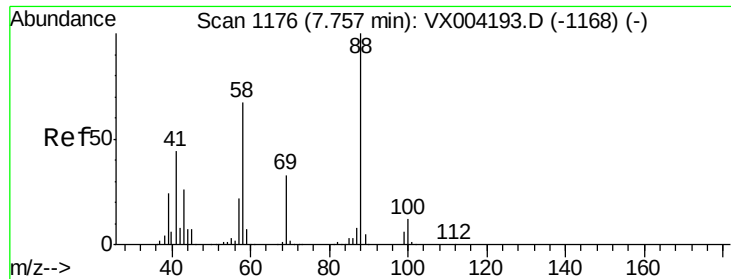


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

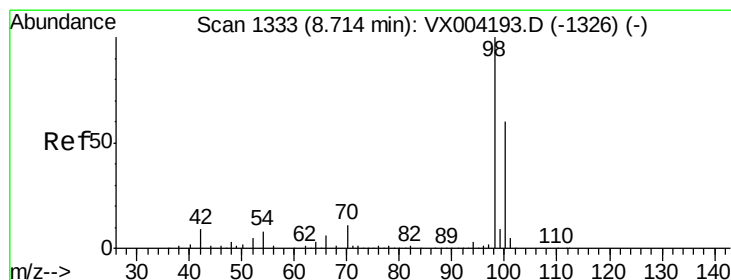
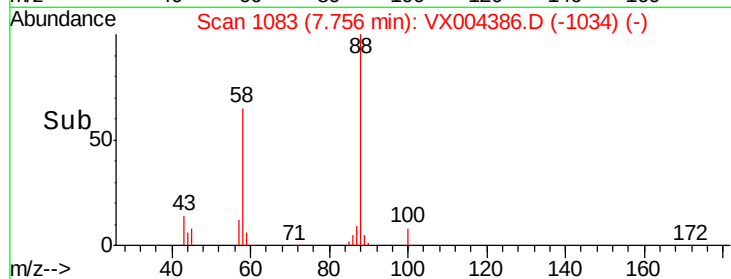
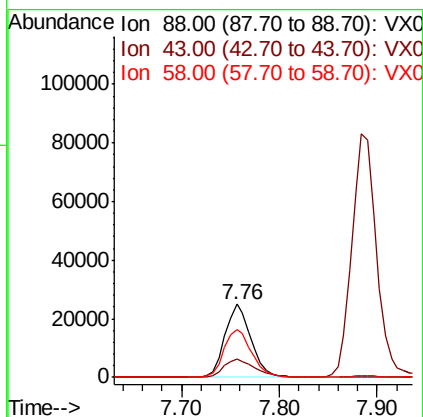
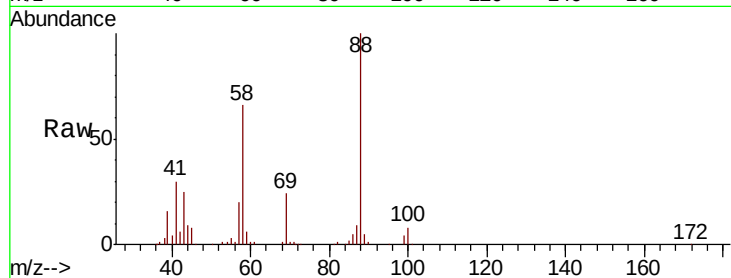




#49
1,4-Dioxane
Concen: 446.07 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

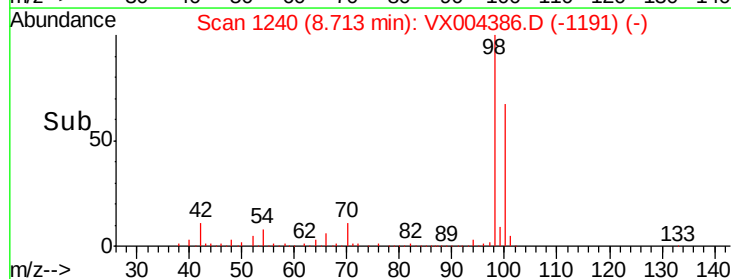
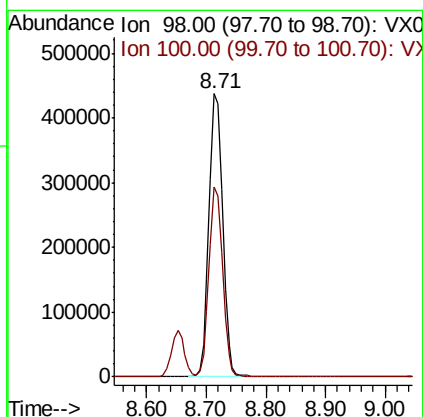
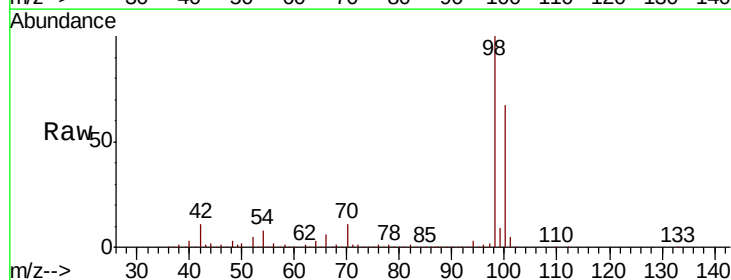
Instrument :
MSVOA_X
ClientSampled :
VX0906WBSD01

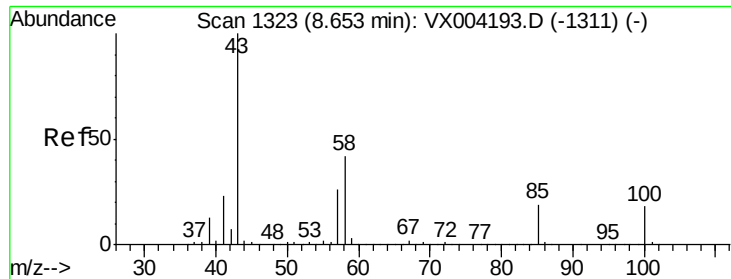
Tot Ion: 88 Resp: 45955
Ion Ratio Lower Upper
88 100
43 29.5 24.7 37.1
58 69.0 55.3 82.9



#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion: 98 Resp: 691864
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 102.22 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

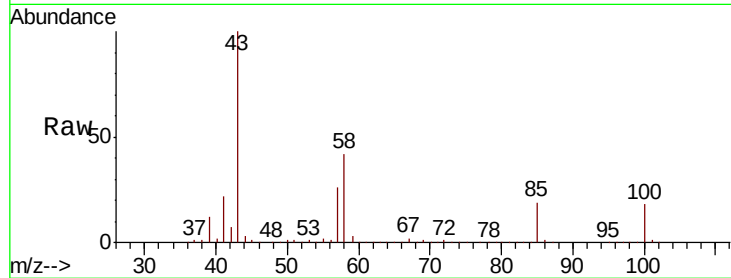
VX0906WBSD01

Tot Ion: 43 Resp: 629839

Ion Ratio Lower Upper

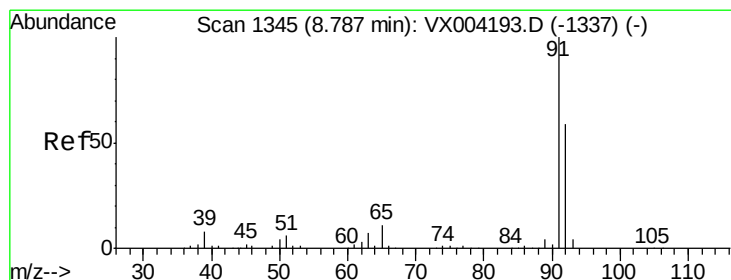
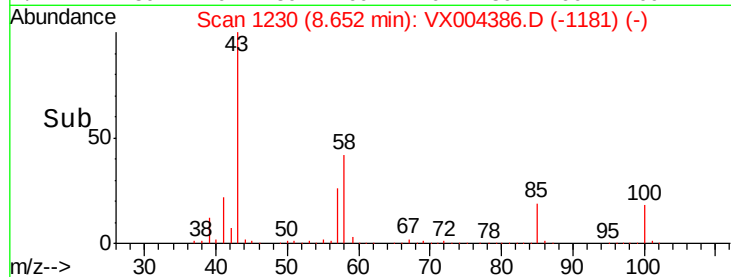
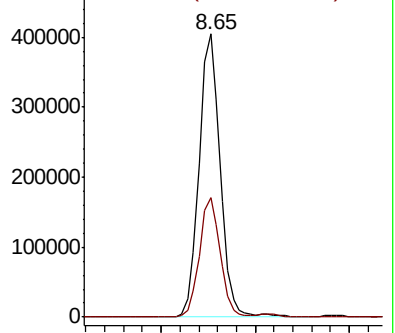
43 100

58 41.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.21 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004386.D

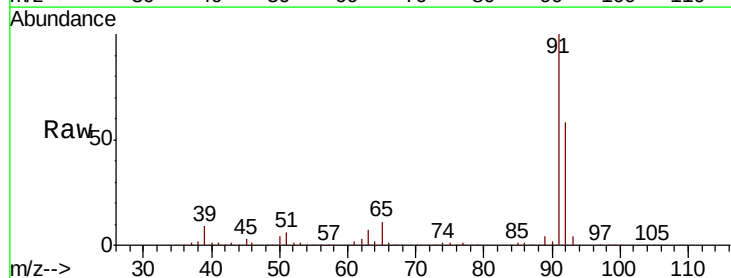
Acq: 06 Sep 2018 15:45

Tgt Ion: 92 Resp: 212076

Ion Ratio Lower Upper

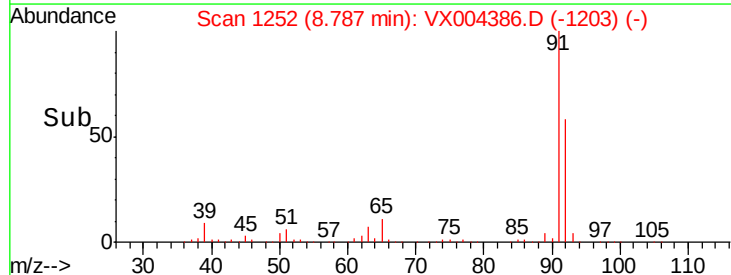
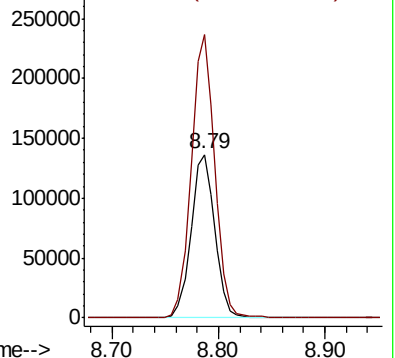
92 100

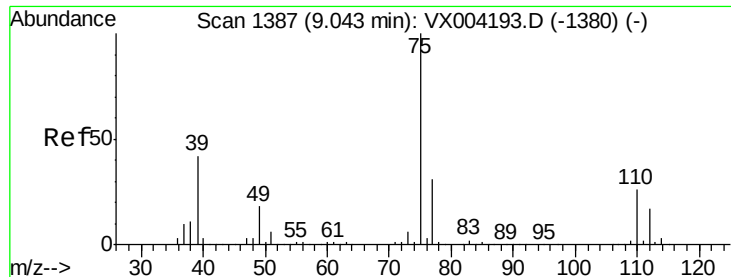
91 171.4 136.4 204.6



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: 19.96 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

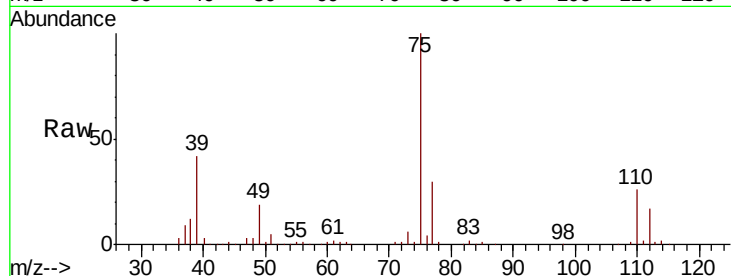
VX0906WBSD01

Tot Ion: 75 Resp: 114596

Ion Ratio Lower Upper

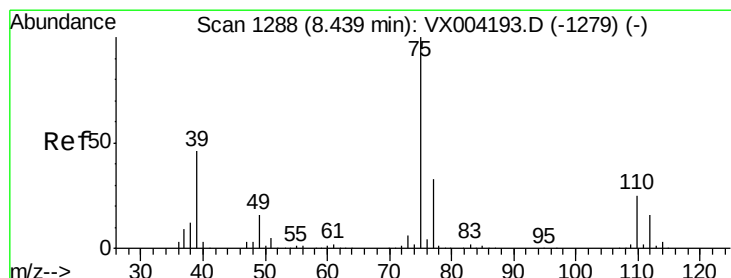
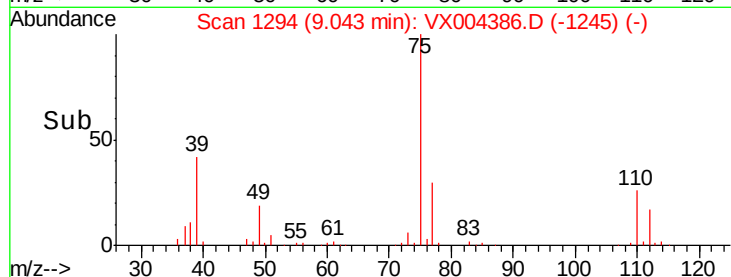
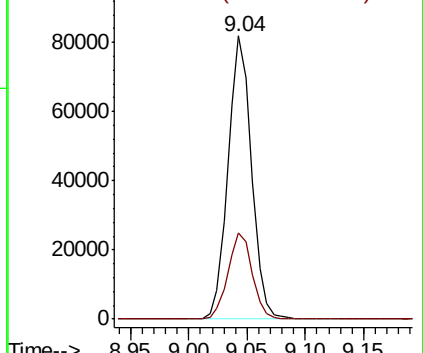
75 100

77 30.4 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: 20.51 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

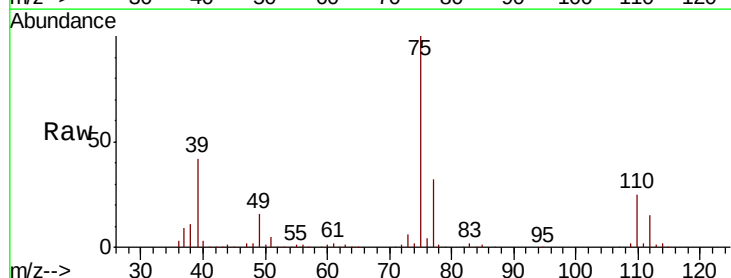
Tgt Ion: 75 Resp: 128270

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

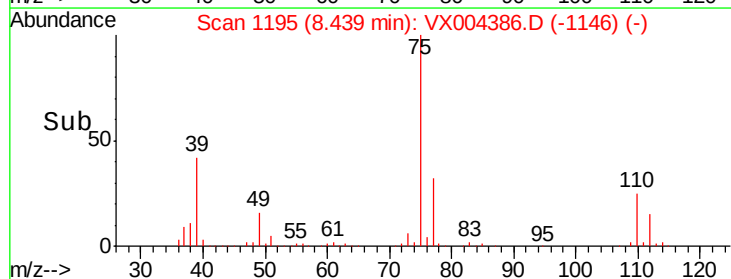
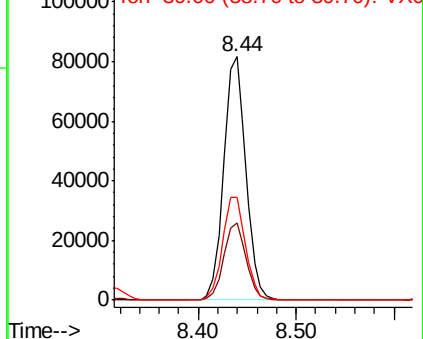
39 42.3 36.4 54.6

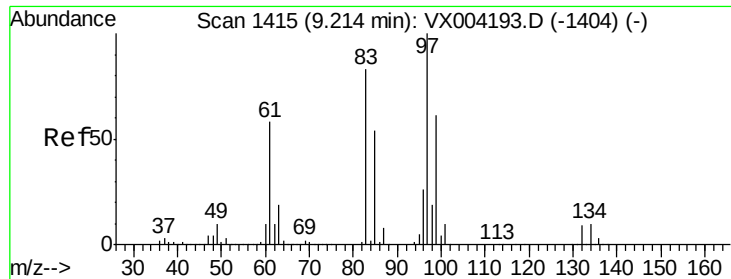


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

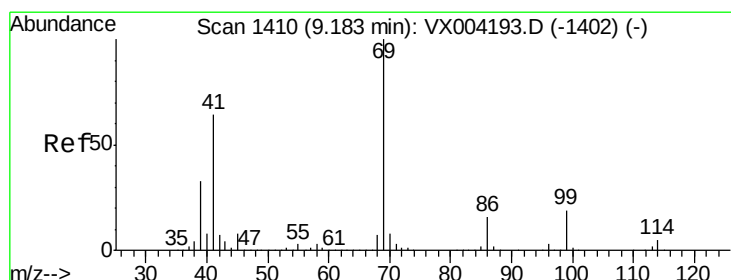
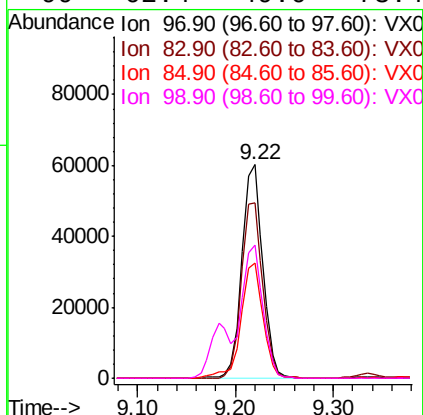
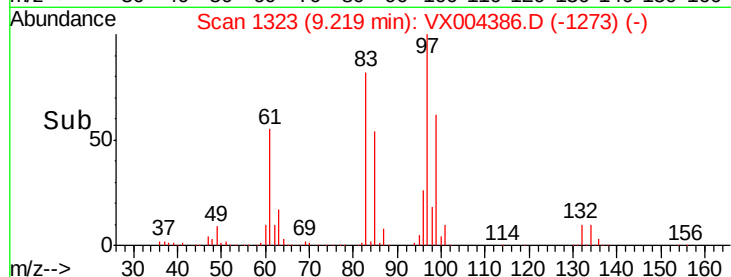
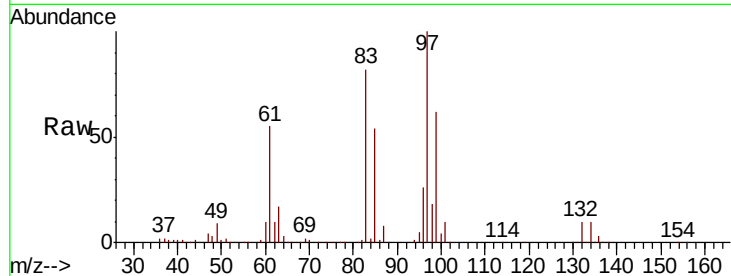




#55
 1,1,2-Trichloroethane
 Concen: 20.99 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

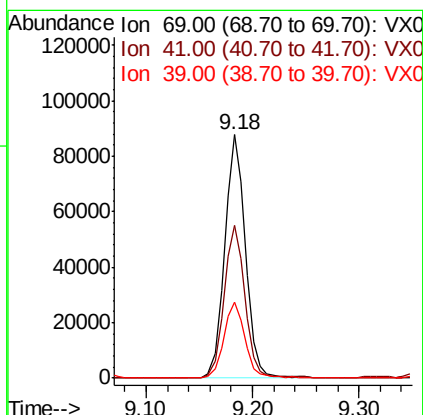
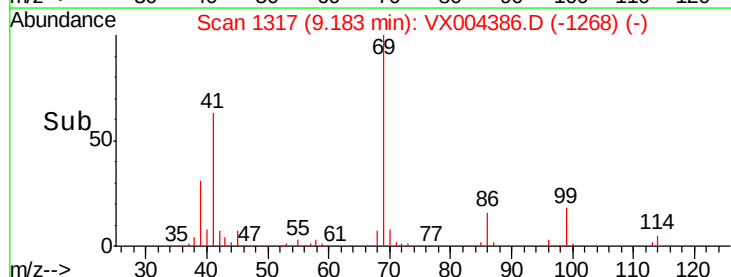
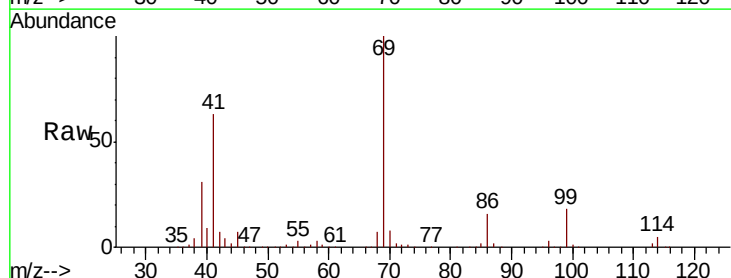
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

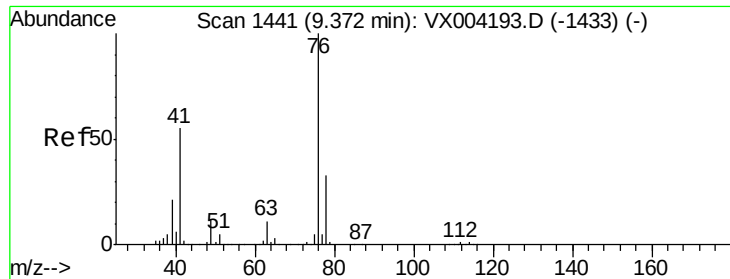
Tot Ion:	97	Resp:	88918
Ion	Ratio	Lower	Upper
97	100		
83	82.3	66.4	99.6
85	54.1	43.3	64.9
99	62.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.79 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion:	69	Resp:	119906
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.0	76.4
39	31.5	26.1	39.1

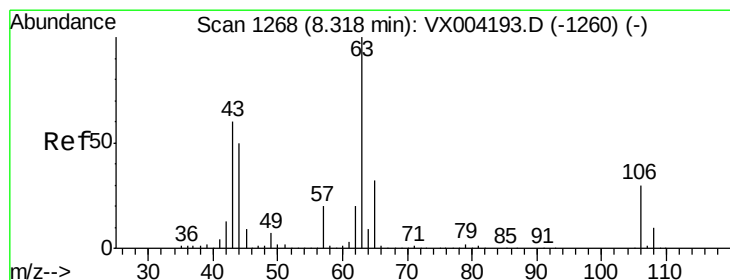
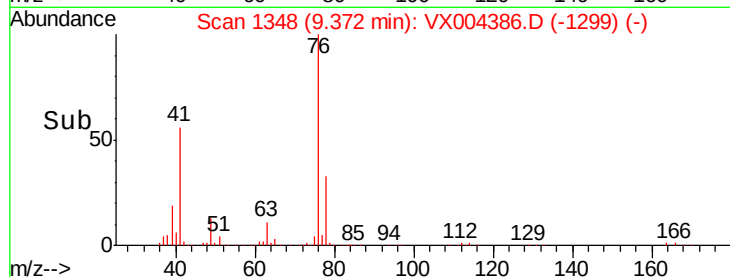
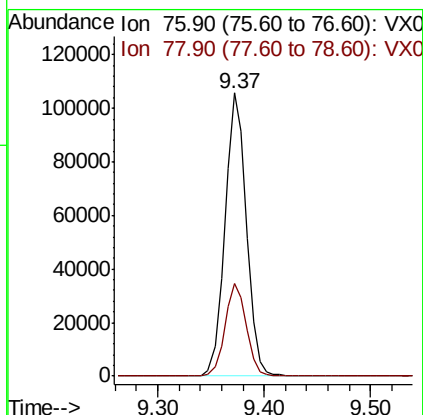
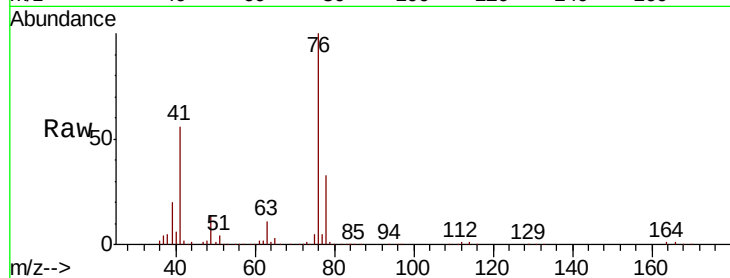




#57
 1,3-Dichloropropane
 Concen: 20.82 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

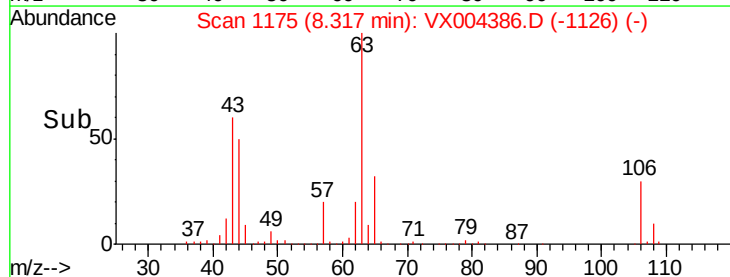
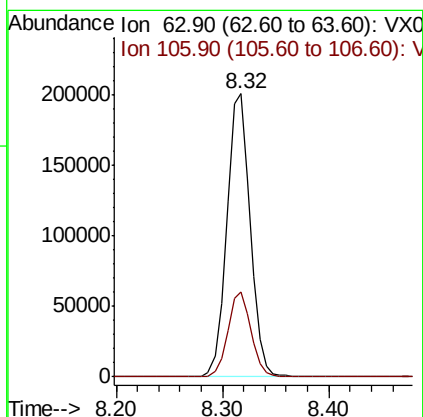
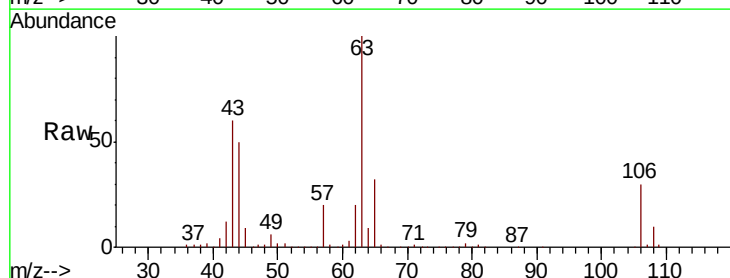
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

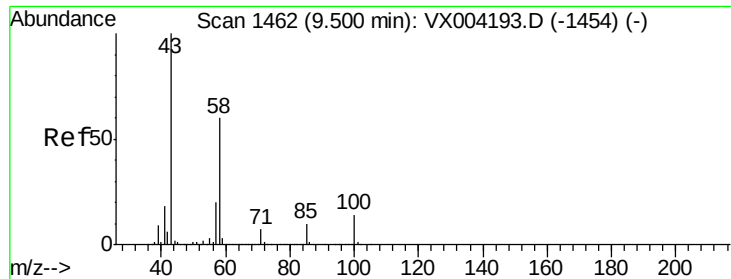
Tot Ion: 76 Resp: 148704
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.24 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion: 63 Resp: 308070
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.9 35.9

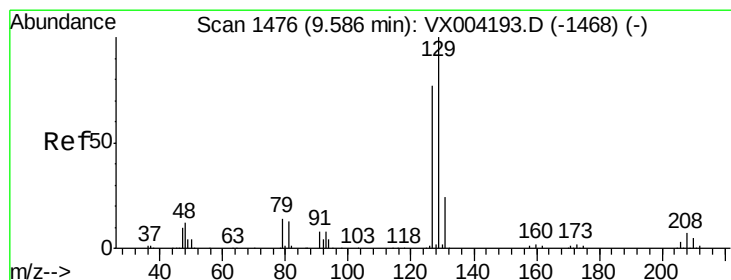
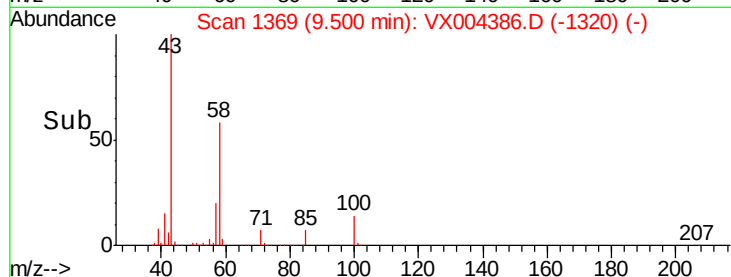
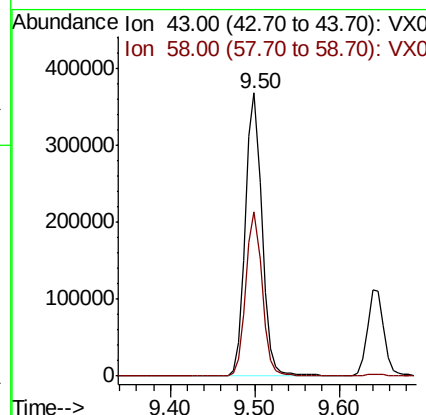
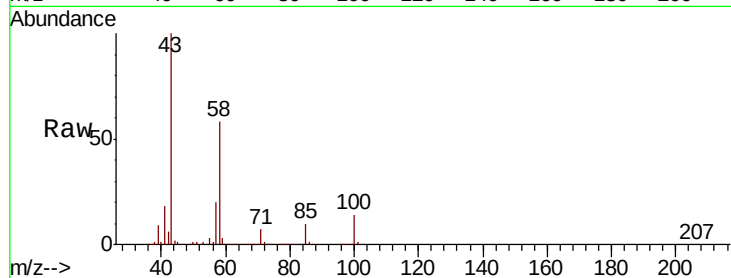




#59
2-Hexanone
Concen: 102.38 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

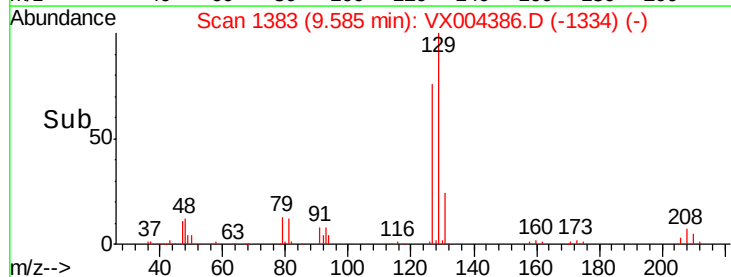
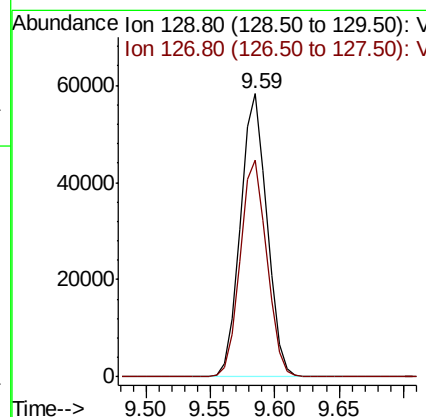
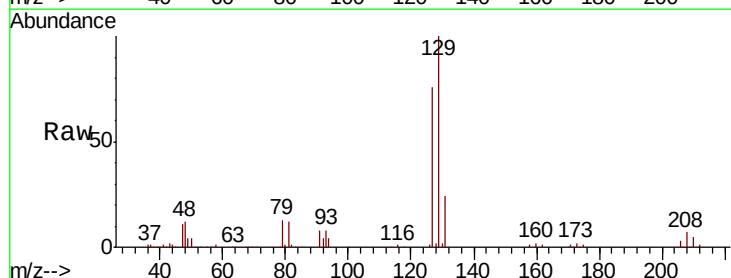
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

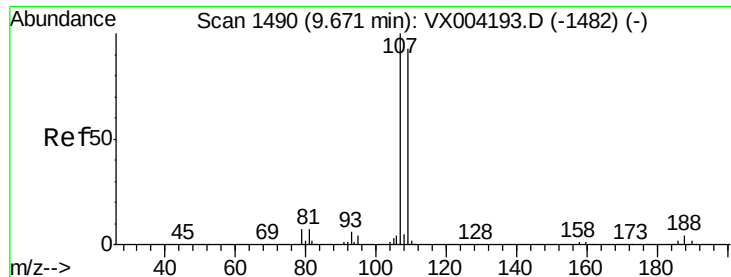
Tot Ion: 43 Resp: 481255
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.0



#60
Dibromochloromethane
Concen: 20.19 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion:129 Resp: 83345
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.31 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

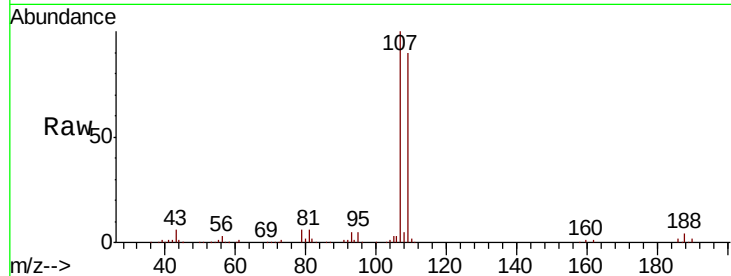
VX0906WBSD01

Tot Ion:107 Resp: 89049

Ion Ratio Lower Upper

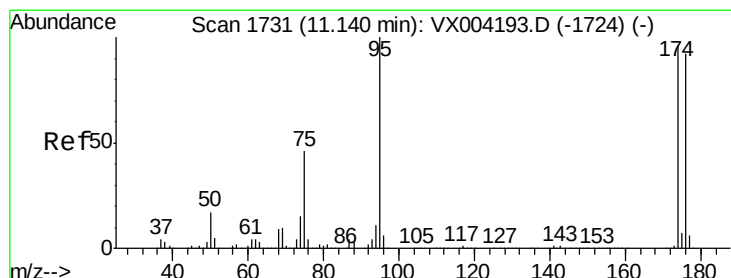
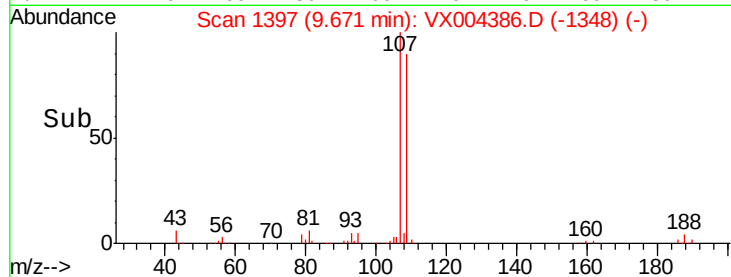
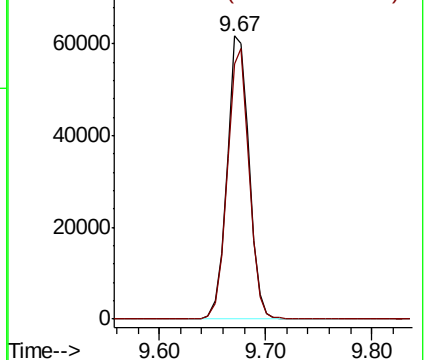
107 100

109 94.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.35 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

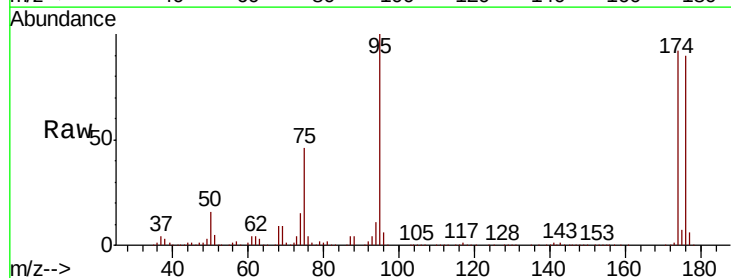
Tgt Ion: 95 Resp: 263314

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

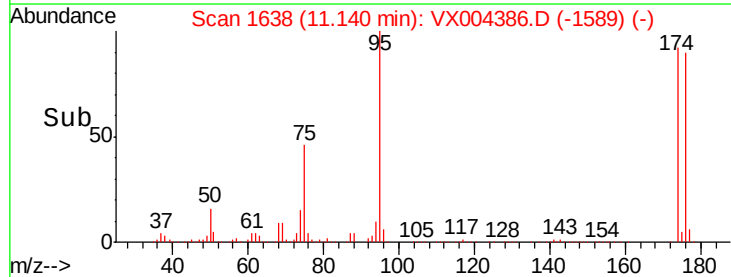
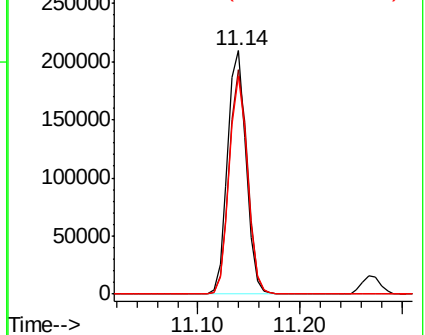
176 88.5 0.0 178.6

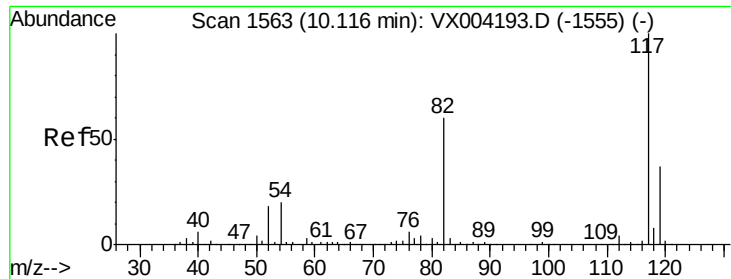


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

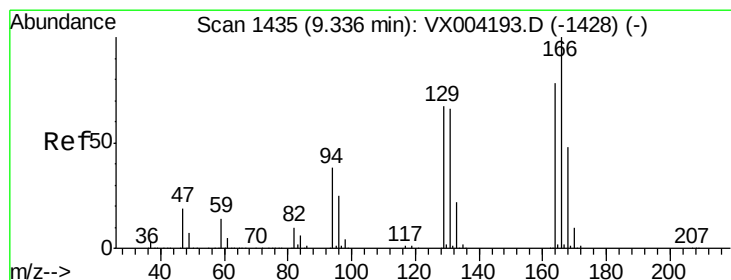
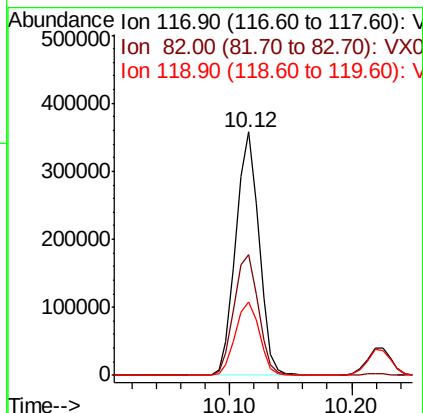
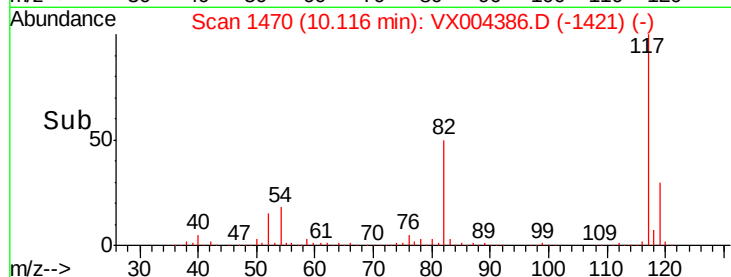
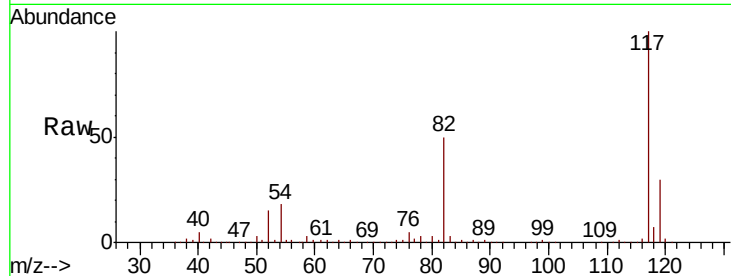




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

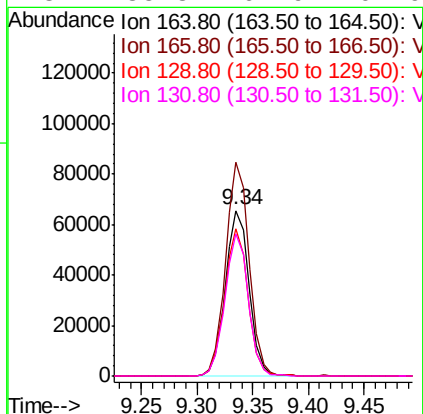
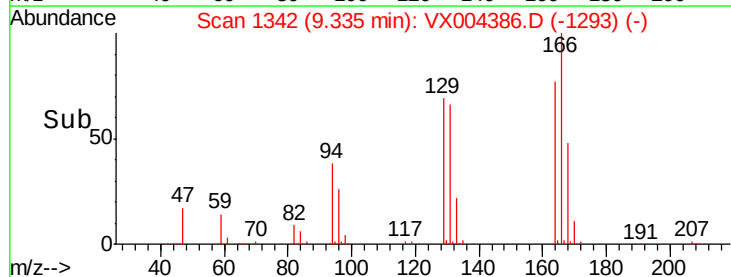
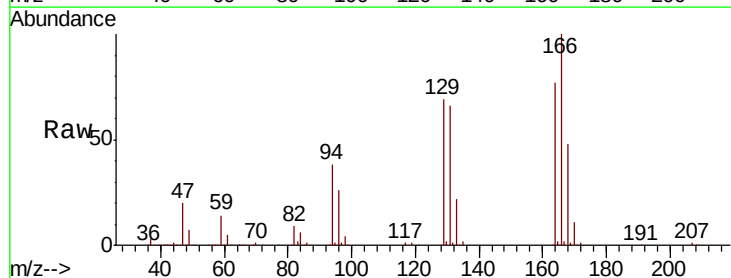
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

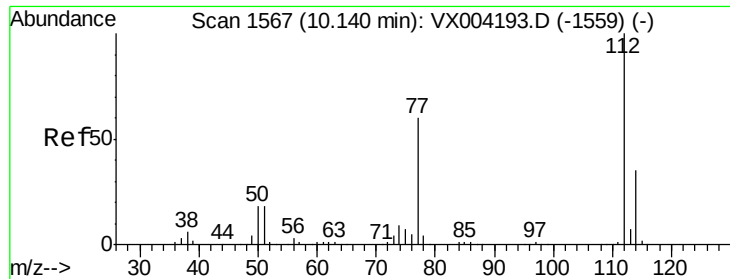
Tot Ion:117 Resp: 468813
Ion Ratio Lower Upper
117 100
82 49.5 47.8 71.6
119 30.3 29.3 43.9



#64
Tetrachloroethene
Concen: 20.82 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion:164 Resp: 96412
Ion Ratio Lower Upper
164 100
166 129.2 102.8 154.2
129 89.1 69.4 104.0
131 85.8 67.9 101.9





#65

Chlorobenzene

Concen: 19.10 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

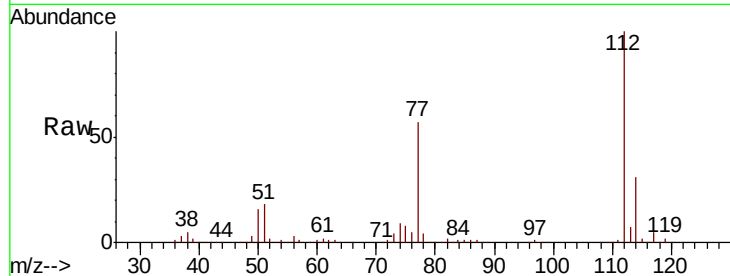
VX0906WBSD01

Tot Ion:112 Resp: 224784

Ion Ratio Lower Upper

112 100

114 31.2 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

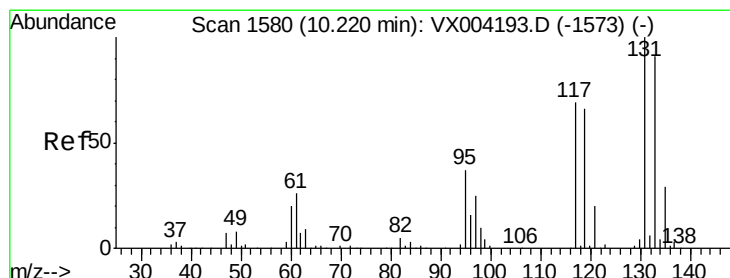
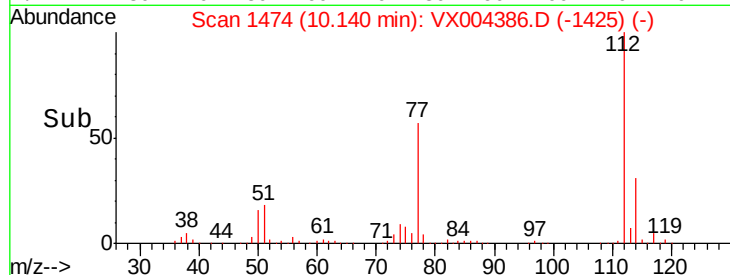
100000

50000

0

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.84 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

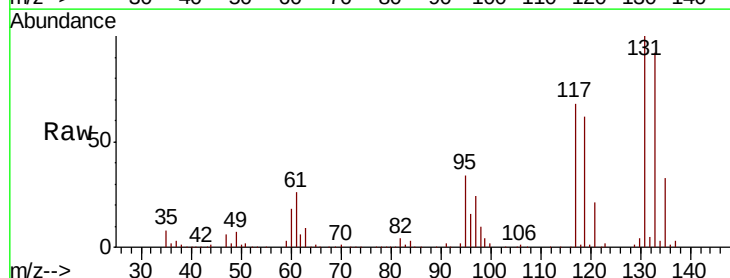
Tgt Ion:131 Resp: 80499

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

119 64.6 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

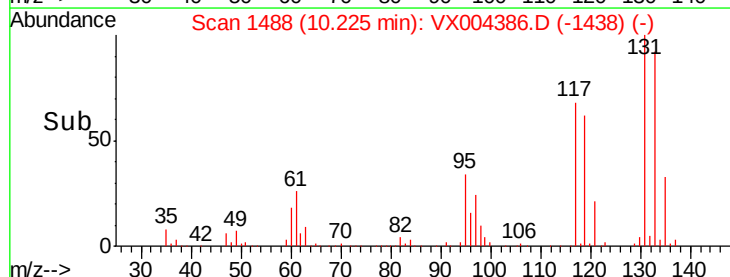
100000

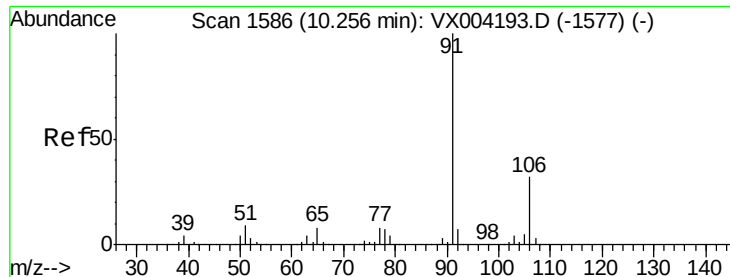
50000

0

10.20 10.30

Time-->





#67

Ethyl Benzene

Concen: 19.68 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampled :

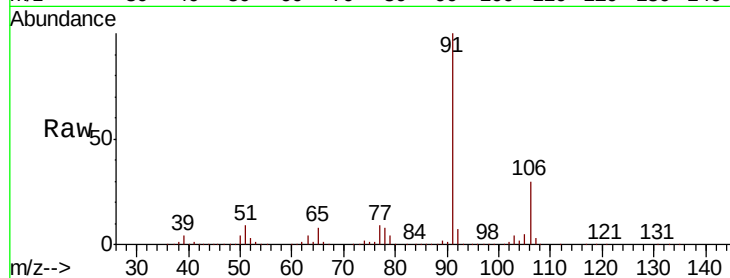
VX0906WBSD01

Tot Ion: 91 Resp: 375989

Ion Ratio Lower Upper

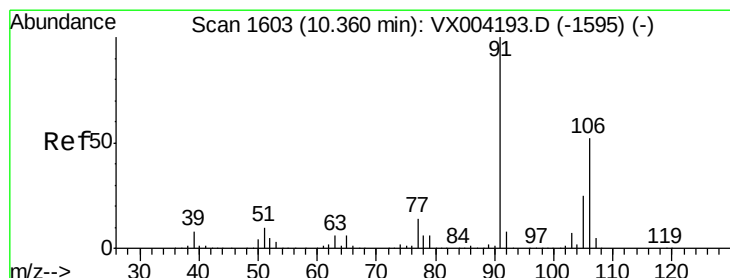
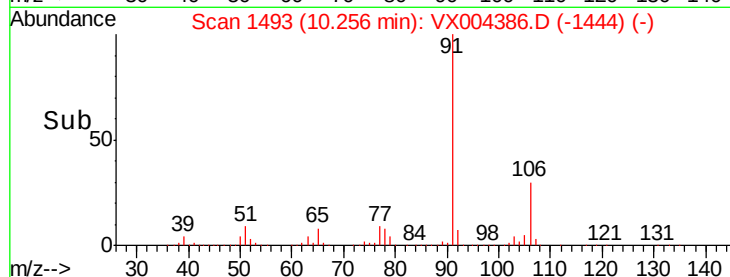
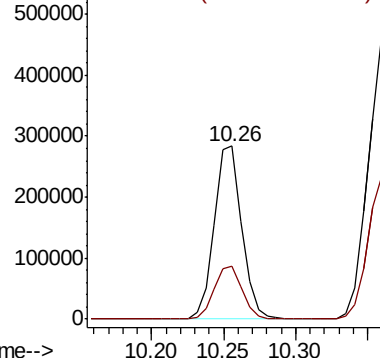
91 100

106 30.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.45 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004386.D

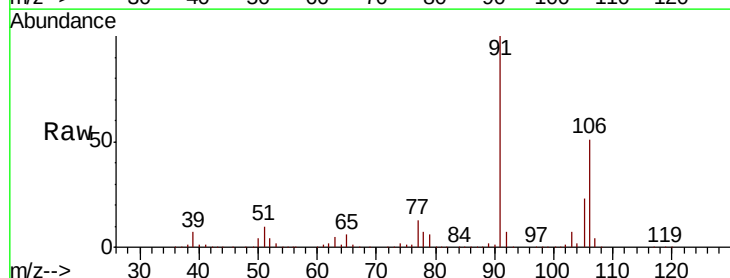
Acq: 06 Sep 2018 15:45

Tgt Ion:106 Resp: 309675

Ion Ratio Lower Upper

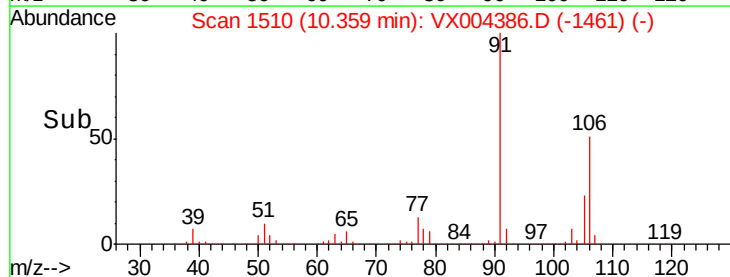
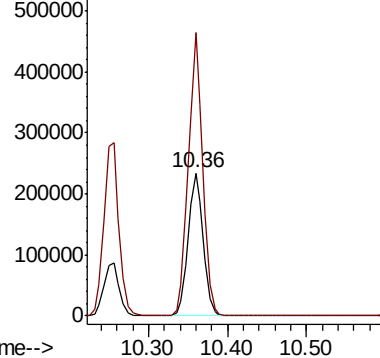
106 100

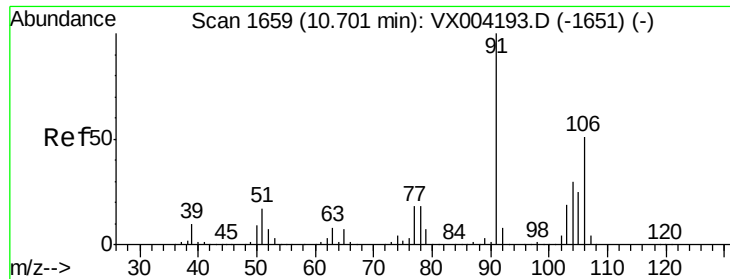
91 191.1 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

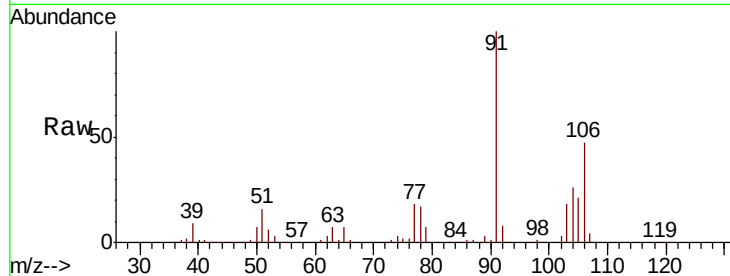




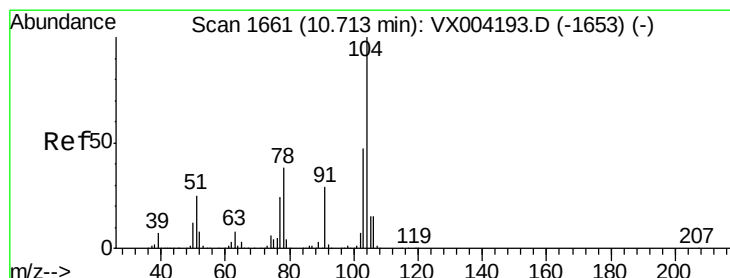
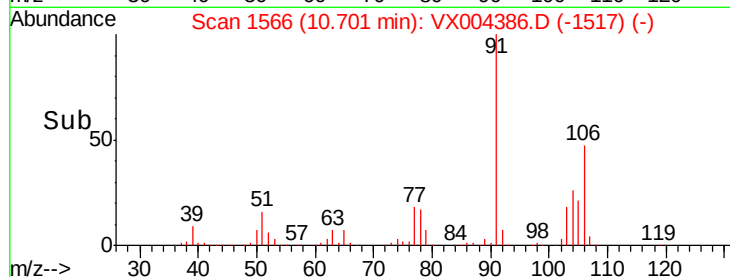
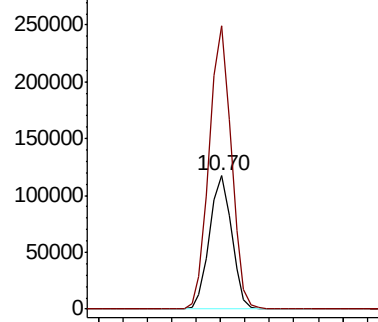
#69
o-Xylene
Concen: 20.88 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Instrument :
MSVOA_X
ClientSampled :
VX0906WBSD01

Tot Ion:106 Resp: 147563
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1

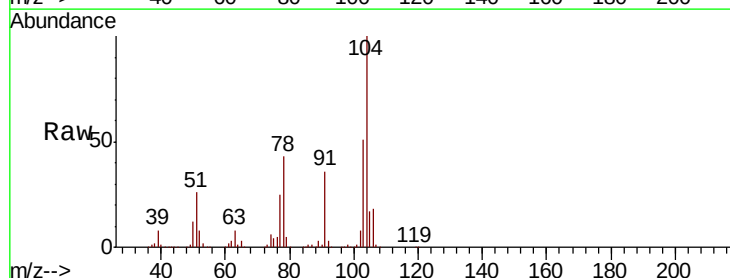


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

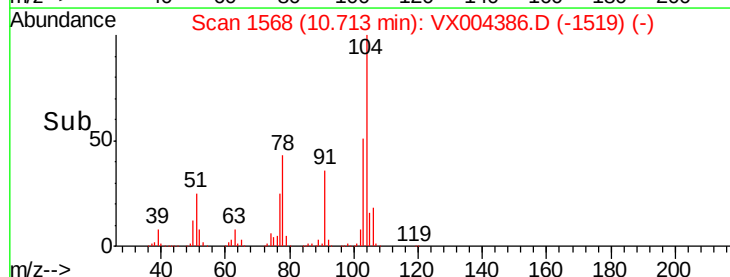
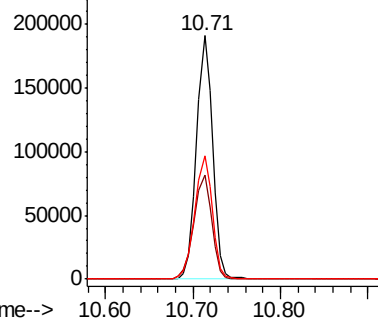


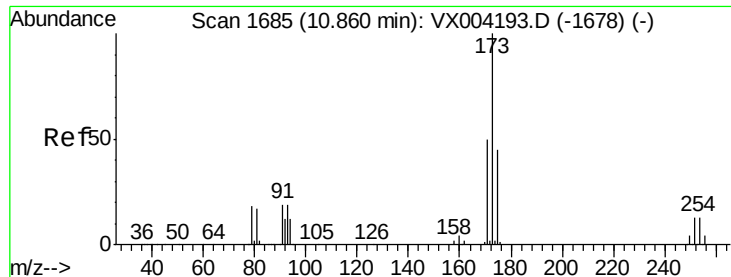
#70
Styrene
Concen: 21.28 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion:104 Resp: 243529
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.0
103 55.1 43.8 65.6



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

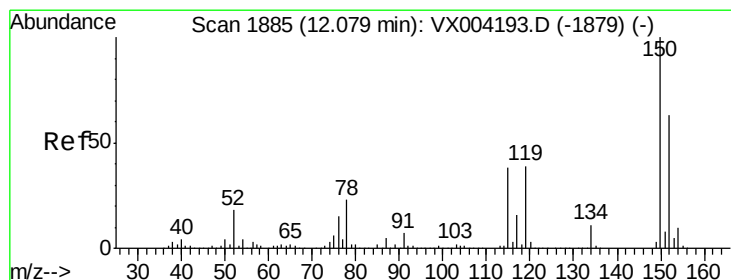
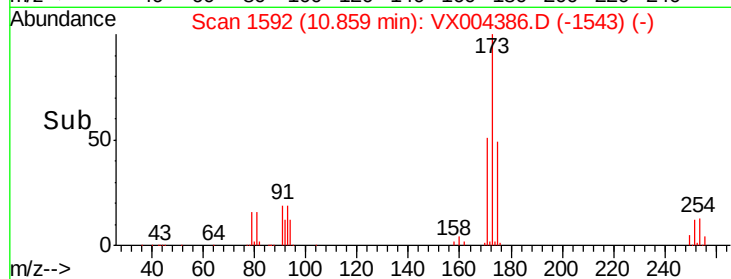
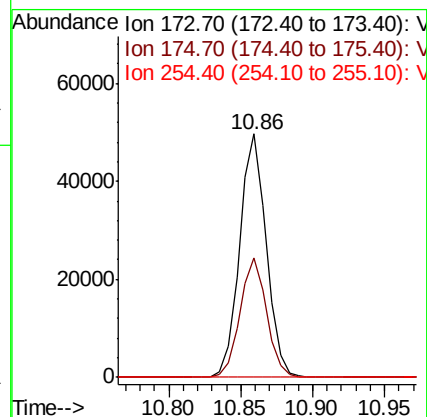
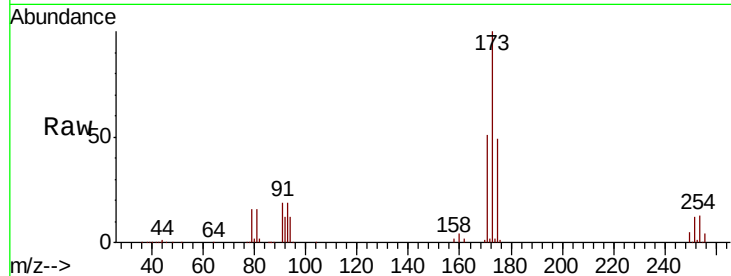




#71
Bromoform
Concen: 19.61 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

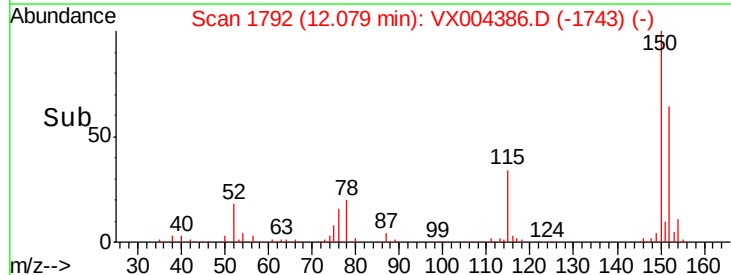
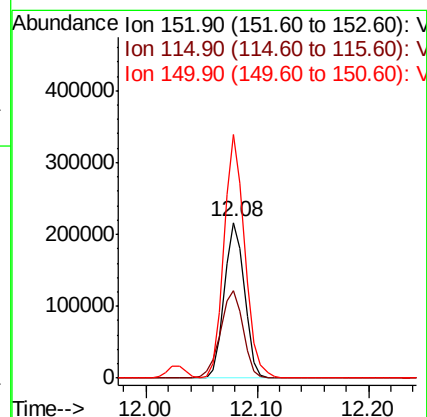
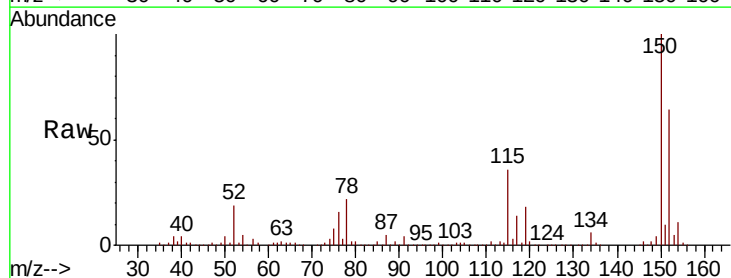
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

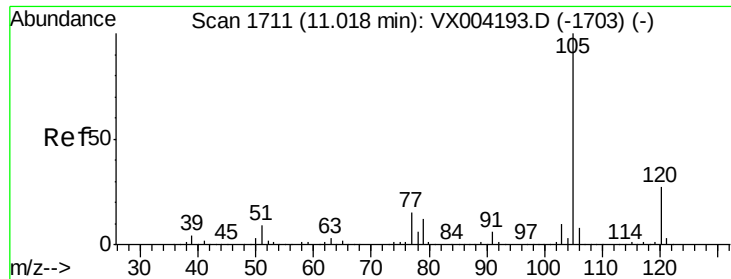
Tot Ion:173 Resp: 64160
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion:152 Resp: 269621
Ion Ratio Lower Upper
152 100
115 63.7 39.0 117.0
150 162.1 0.0 351.0





#73

Isopropylbenzene

Concen: 22.76 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

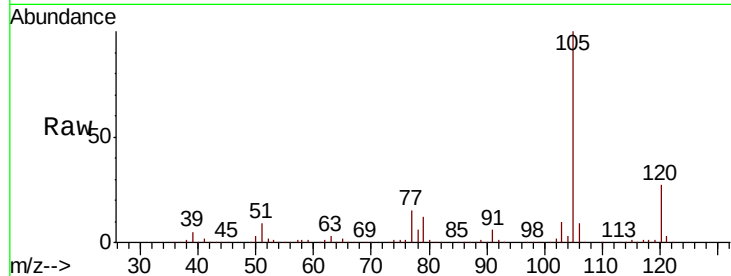
VX0906WBSD01

Tot Ion:105 Resp: 403125

Ion Ratio Lower Upper

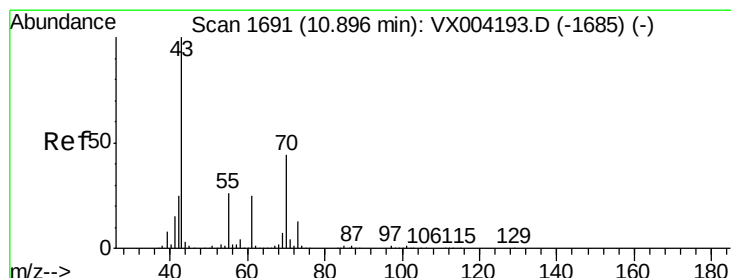
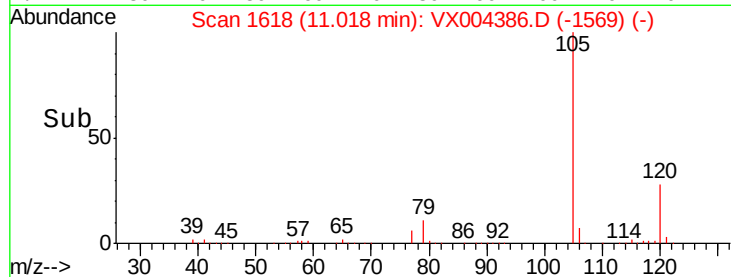
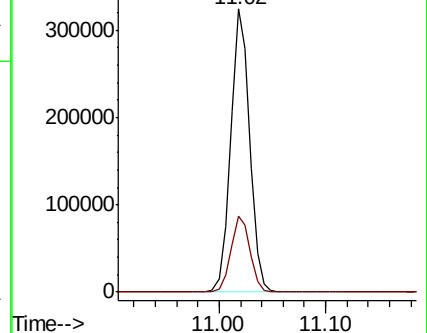
105 100

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: 21.61 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Tgt Ion: 43 Resp: 147369

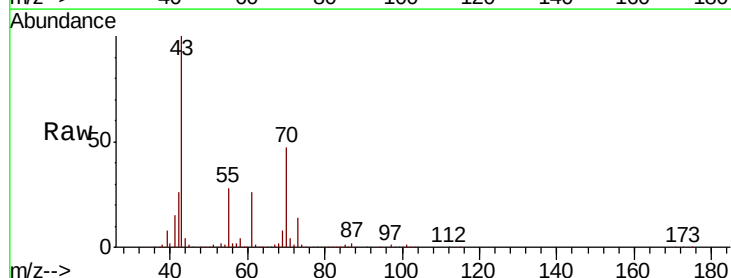
Ion Ratio Lower Upper

43 100

70 46.5 37.4 56.0

55 28.1 21.8 32.8

61 25.2 20.6 30.8

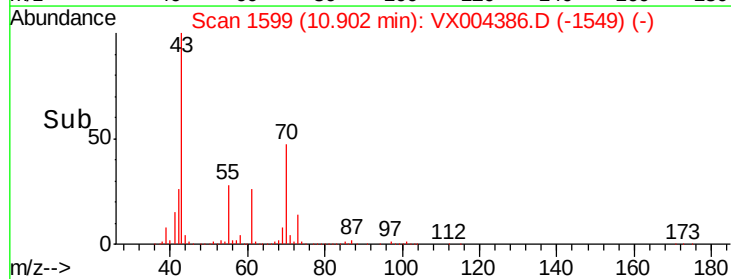
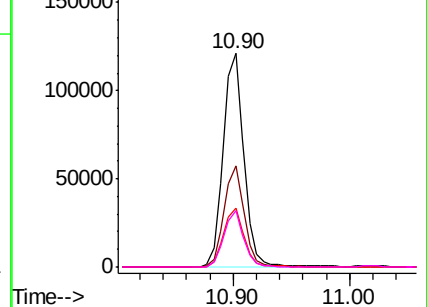


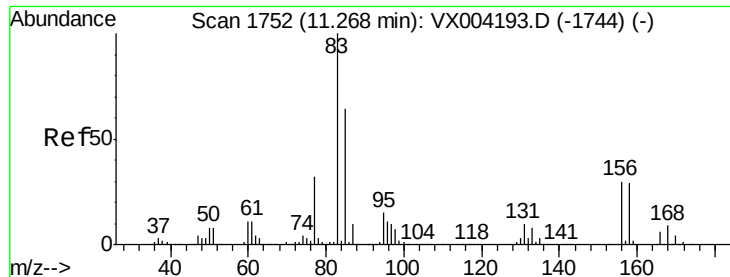
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.84 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampled :

VX0906WBSD01

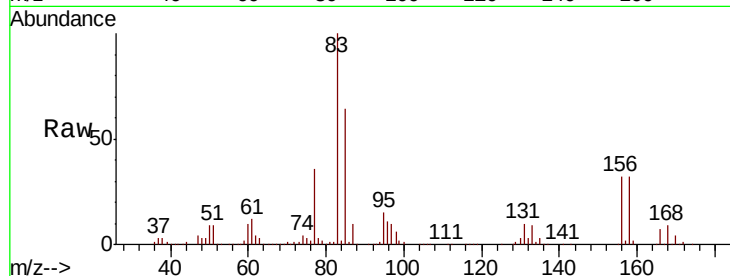
Tot Ion: 83 Resp: 135366

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

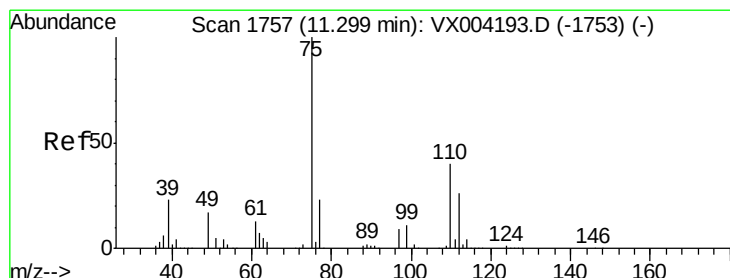
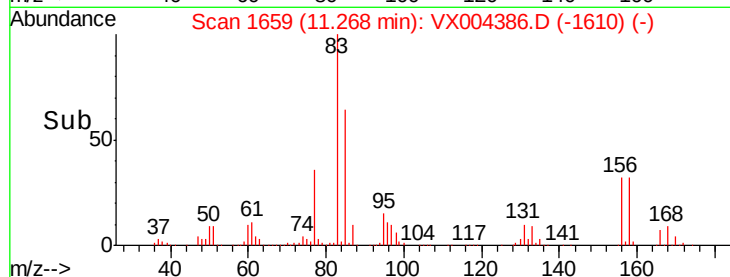
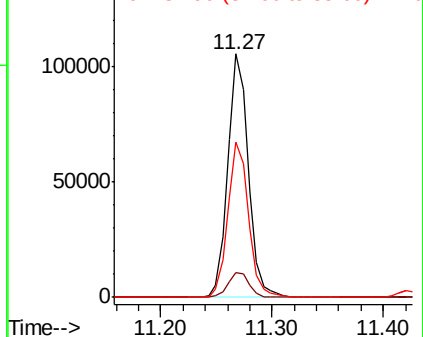
85 64.0 32.3 96.8



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: 27.28 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004386.D

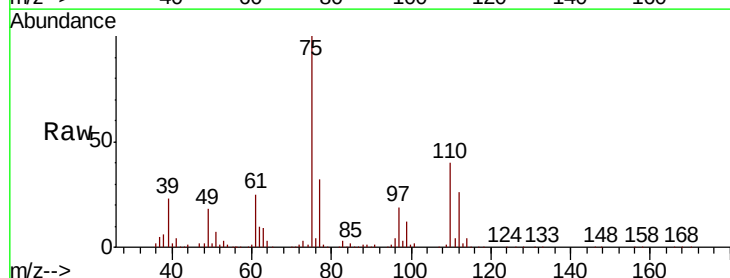
Acq: 06 Sep 2018 15:45

Tgt Ion: 75 Resp: 149612

Ion Ratio Lower Upper

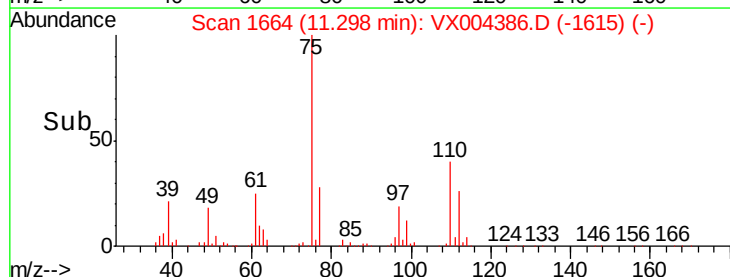
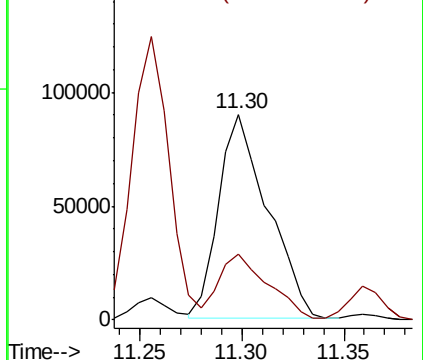
75 100

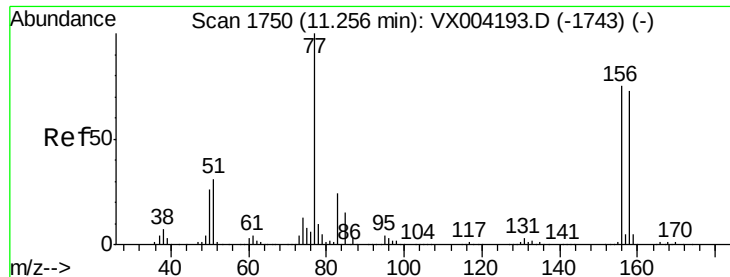
77 32.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.98 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

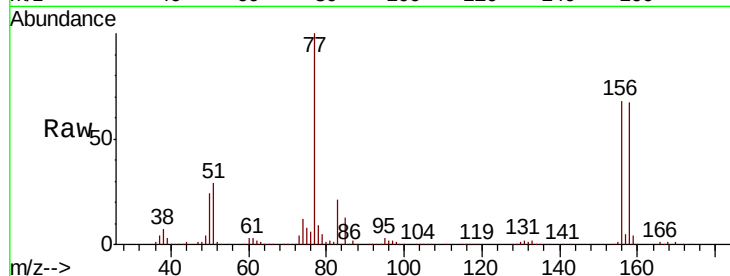
Tot Ion:156 Resp: 109172

Ion Ratio Lower Upper

156 100

77 145.7 71.5 214.3

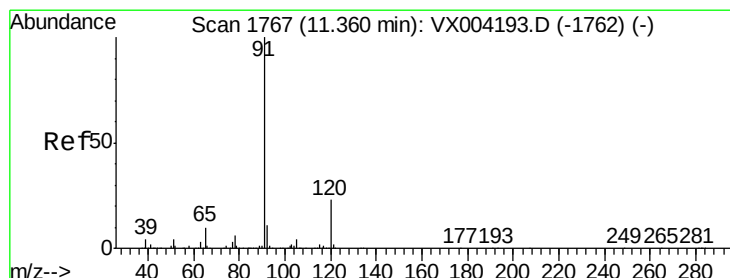
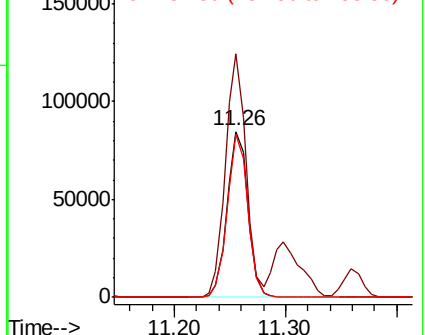
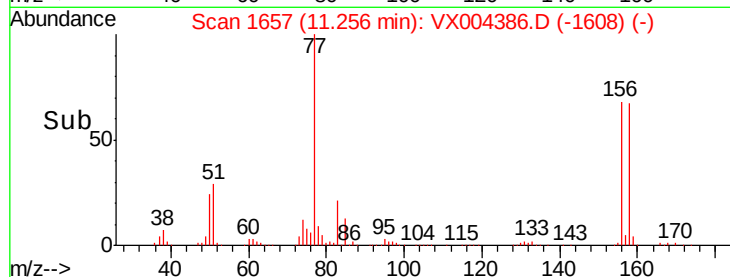
158 97.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.48 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004386.D

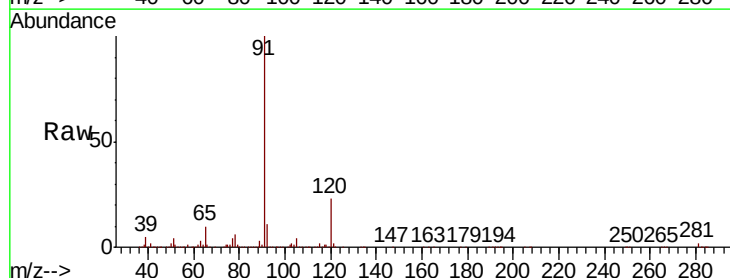
Acq: 06 Sep 2018 15:45

Tgt Ion: 91 Resp: 457776

Ion Ratio Lower Upper

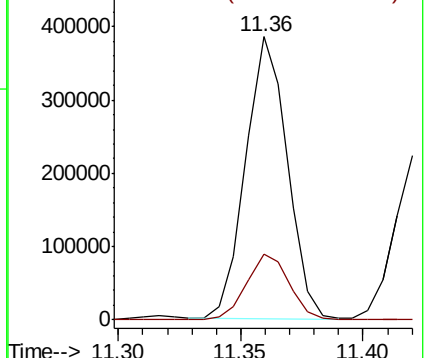
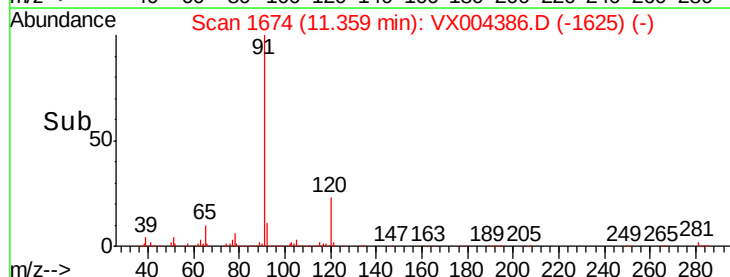
91 100

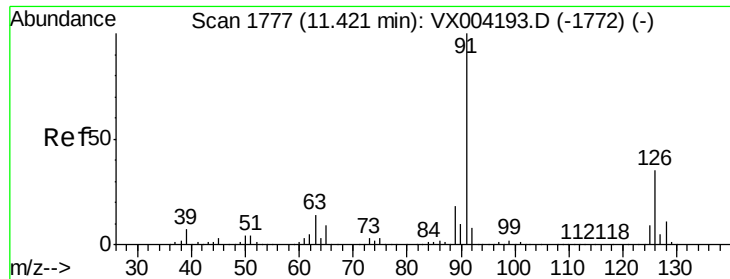
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

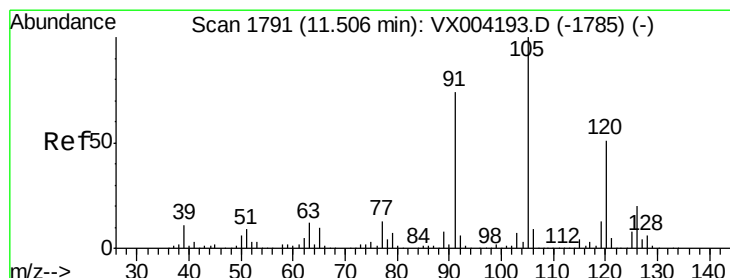
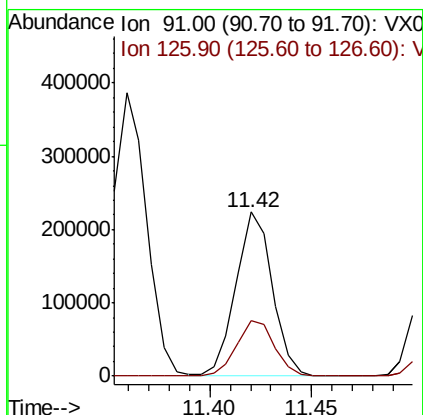
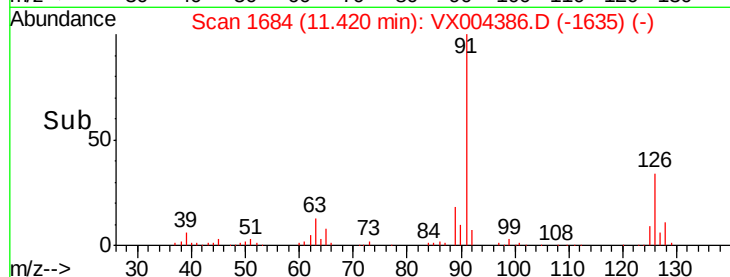
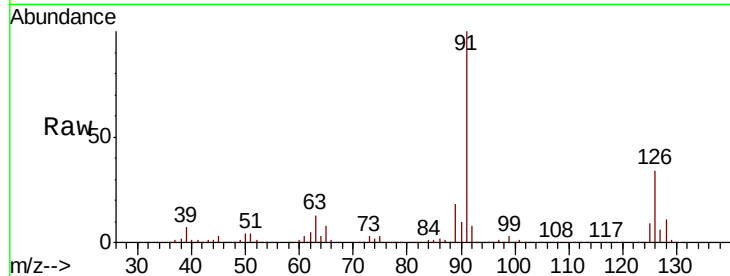




#79
 2-Chlorotoluene
 Concen: 21.99 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

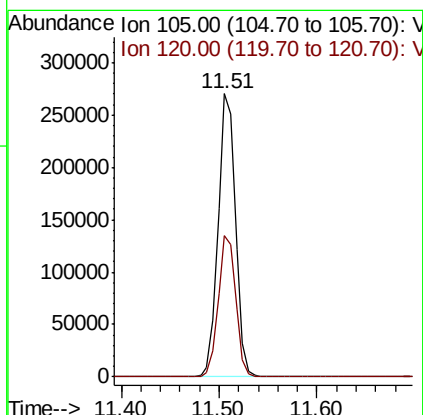
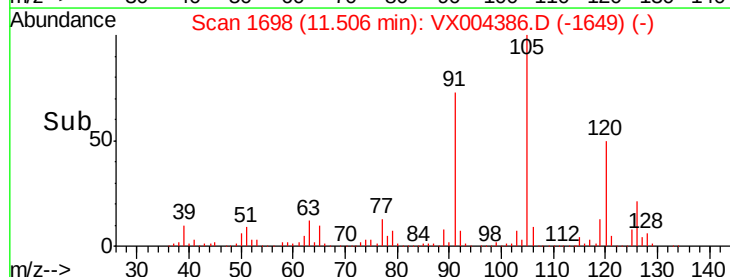
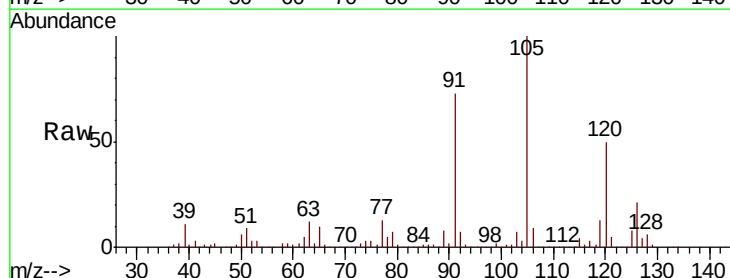
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

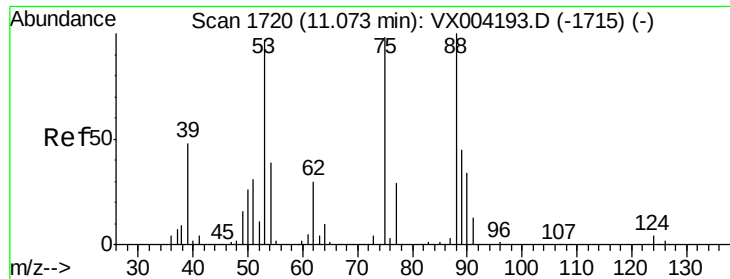
Tot Ion: 91 Resp: 275721
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 22.63 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion: 105 Resp: 331915
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.87 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

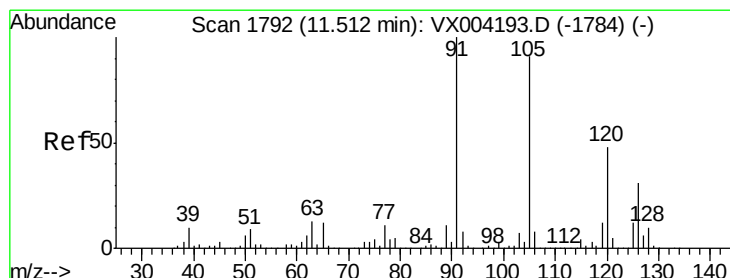
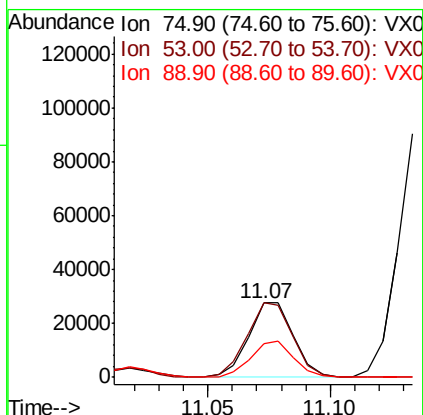
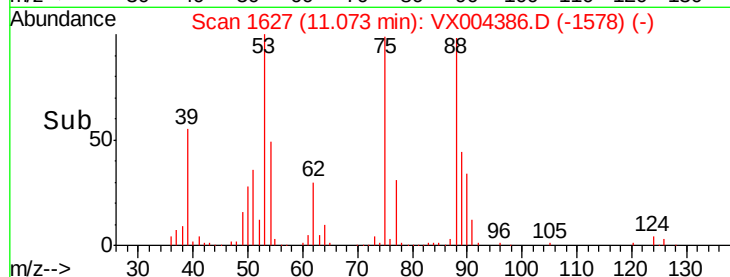
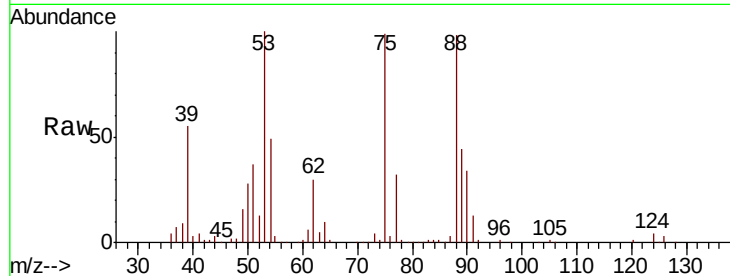
Tot Ion: 75 Resp: 35265

Ion Ratio Lower Upper

75 100

53 101.8 80.1 120.1

89 46.5 37.2 55.8



#82

4-Chlorotoluene

Concen: 21.61 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004386.D

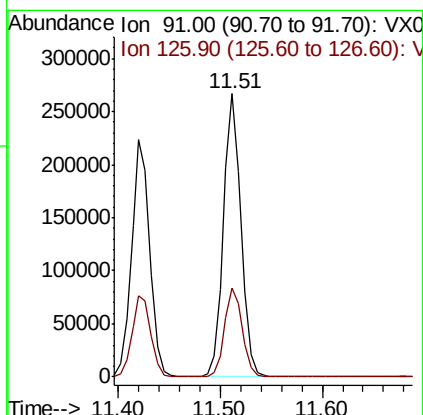
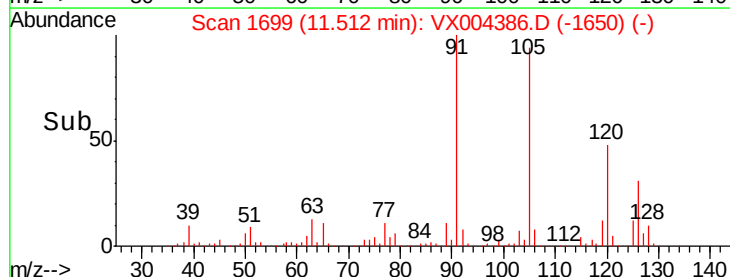
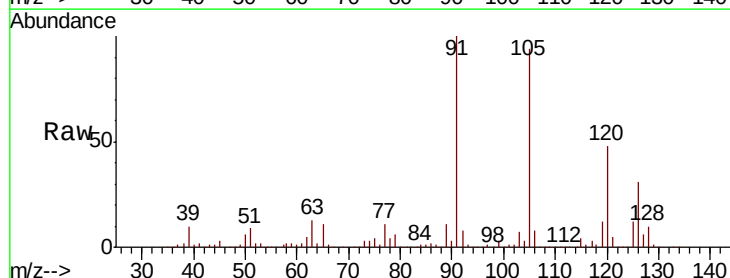
Acq: 06 Sep 2018 15:45

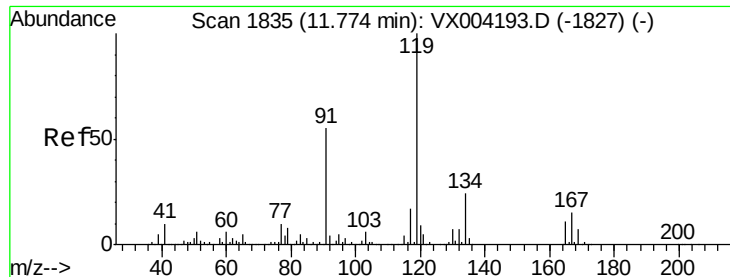
Tgt Ion: 91 Resp: 318851

Ion Ratio Lower Upper

91 100

126 31.5 15.5 46.5

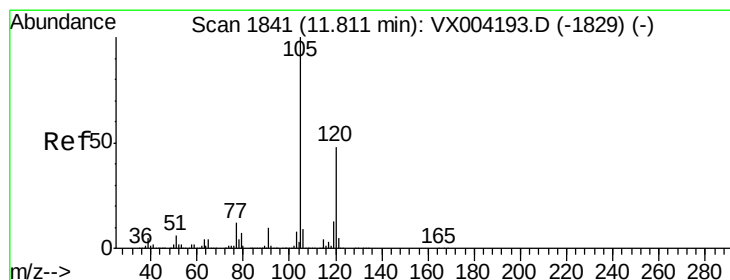
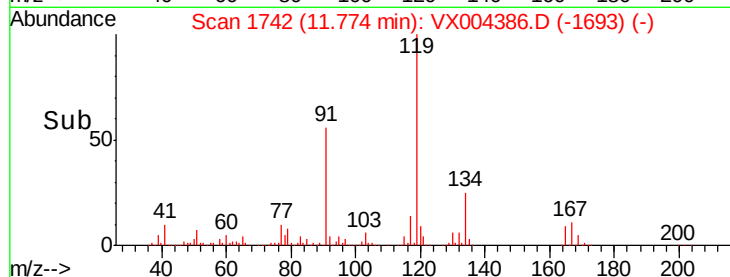
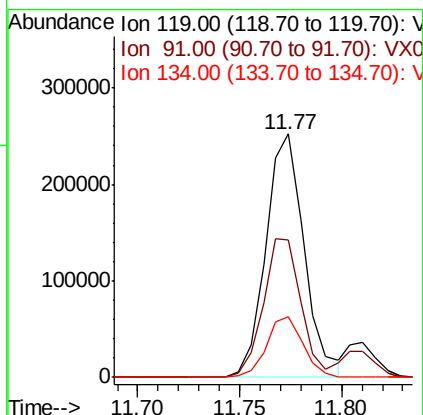
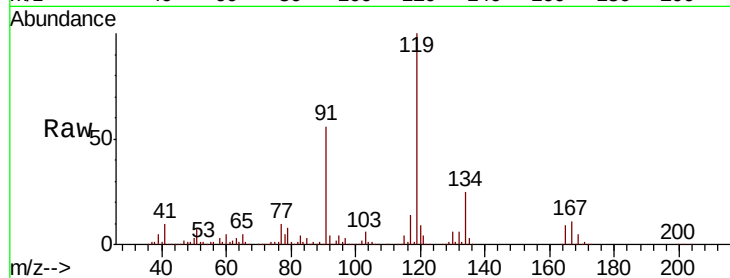




#83
 tert-Butylbenzene
 Concen: 22.44 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

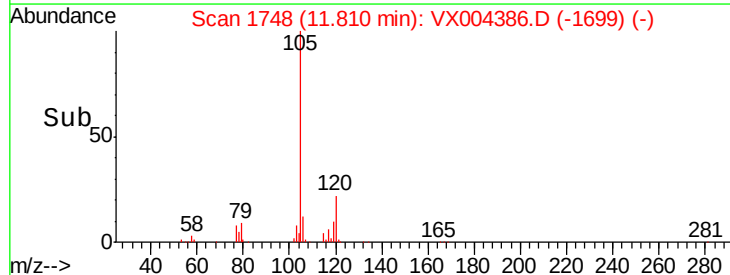
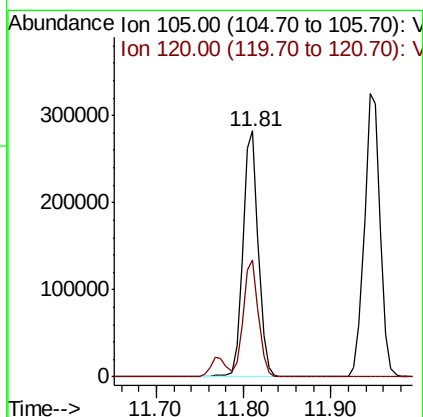
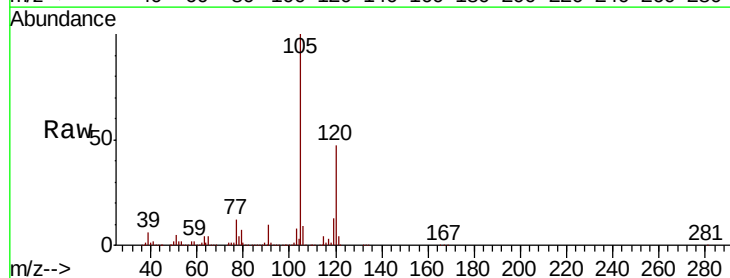
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

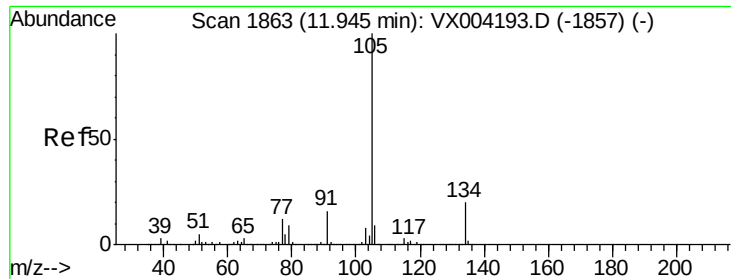
Tot Ion:119 Resp: 331026
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.0 81.0
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.03 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion:105 Resp: 346659
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.41 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

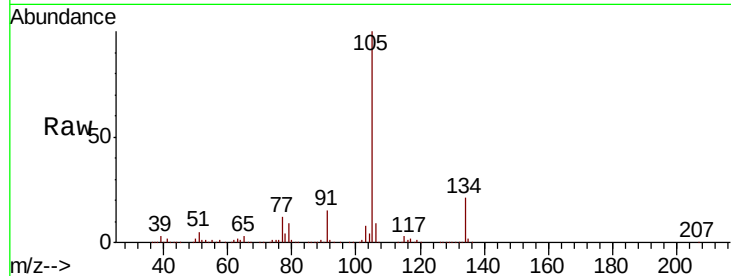
VX0906WBSD01

Tot Ion:105 Resp: 410022

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

300000

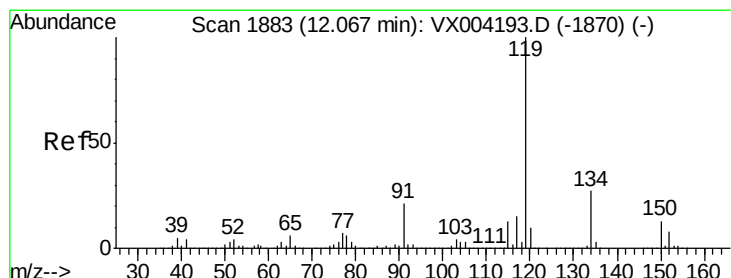
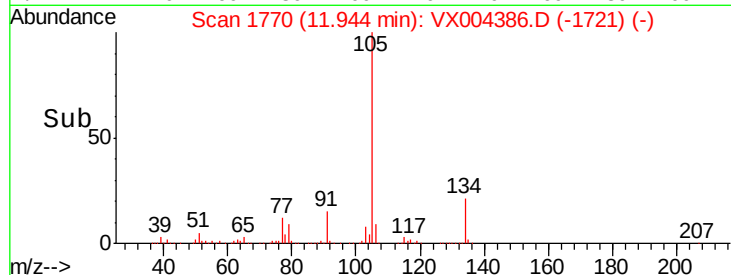
200000

100000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 22.34 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

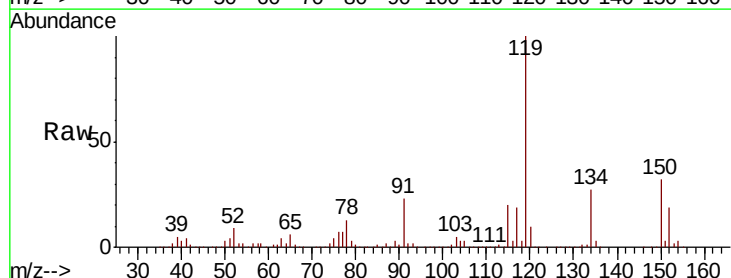
Tgt Ion:119 Resp: 350664

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 21.8 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

400000

300000

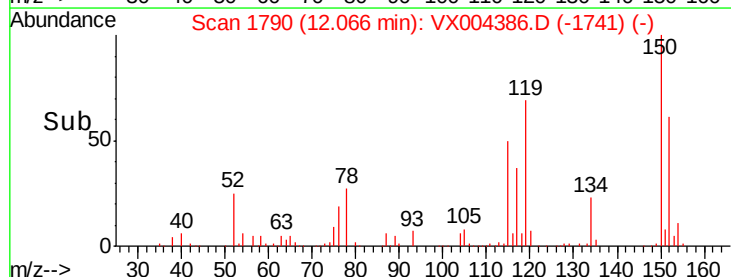
200000

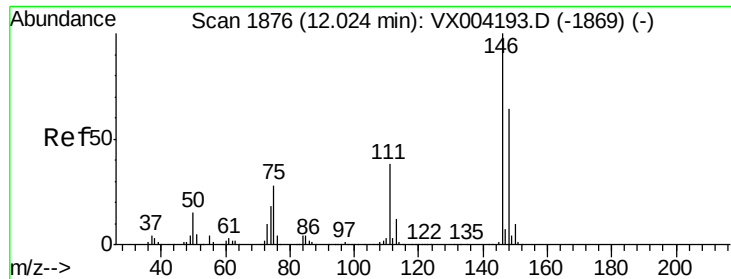
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 20.60 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

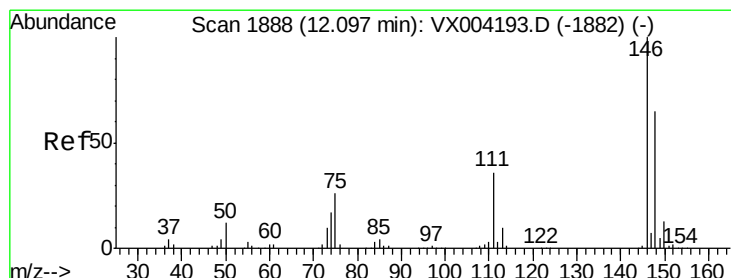
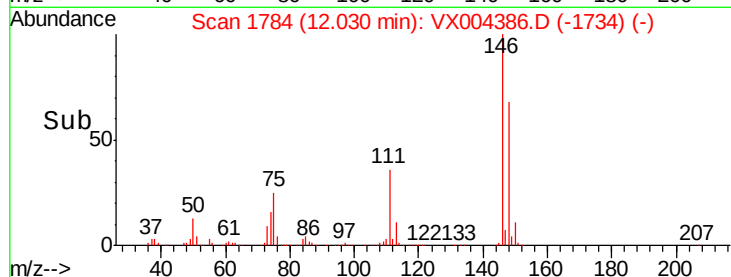
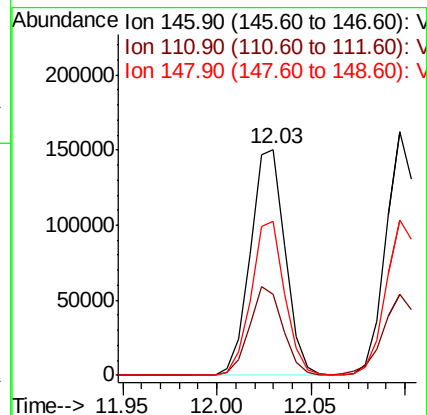
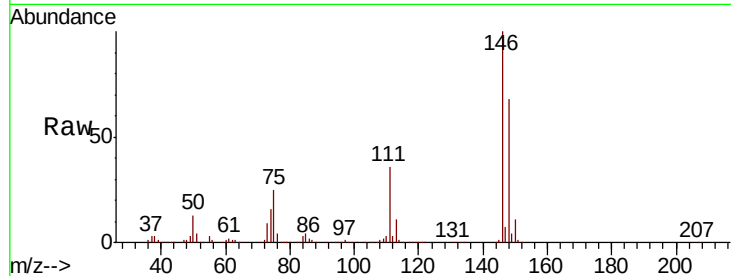
Tot Ion:146 Resp: 192621

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

148 65.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 19.71 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

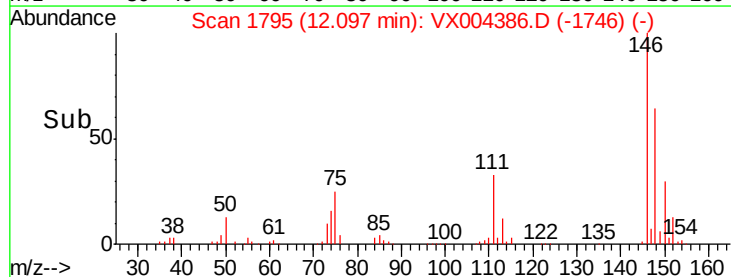
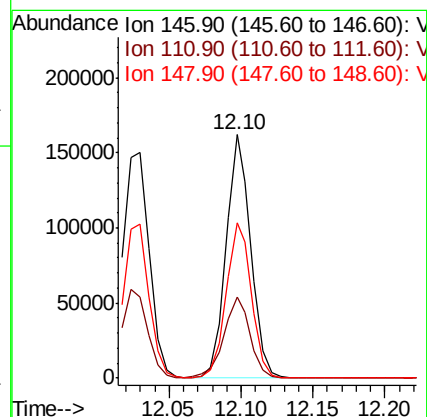
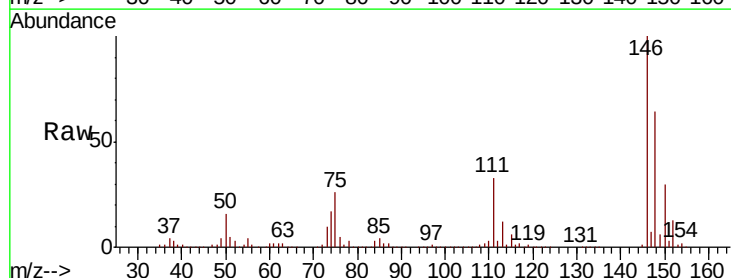
Tgt Ion:146 Resp: 194383

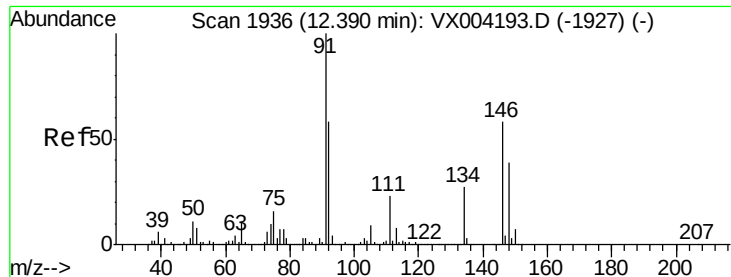
Ion Ratio Lower Upper

146 100

111 35.8 18.1 54.1

148 65.6 32.0 96.0

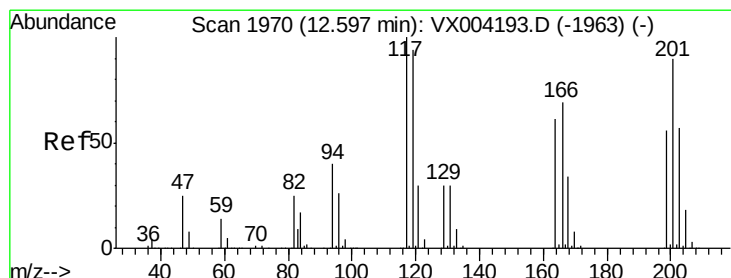
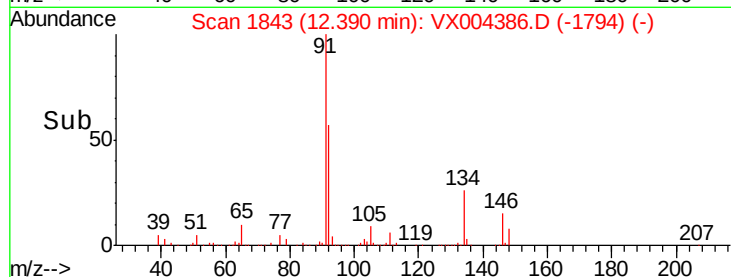
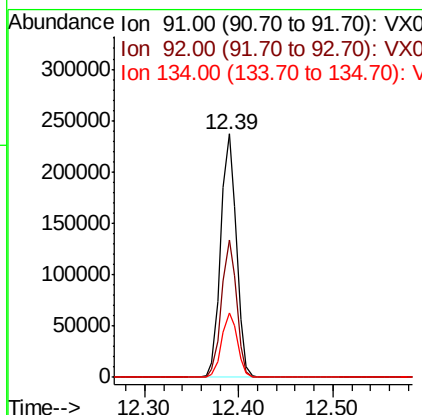
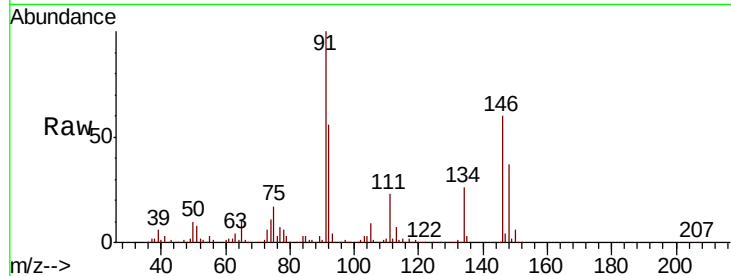




#89
n-Butylbenzene
Concen: 21.56 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

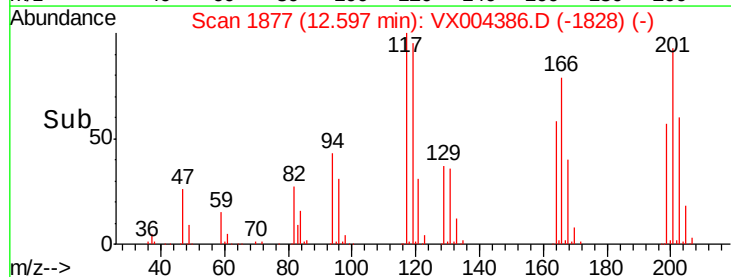
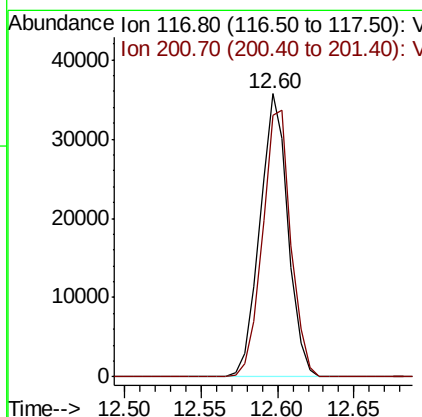
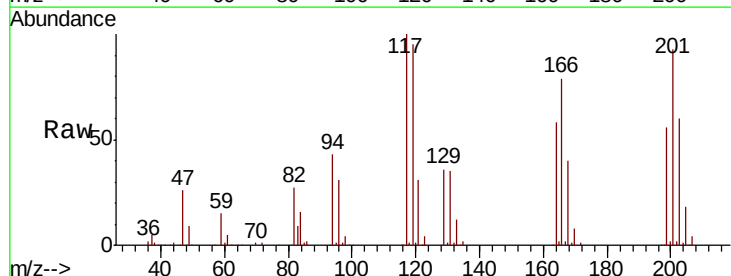
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBSD01

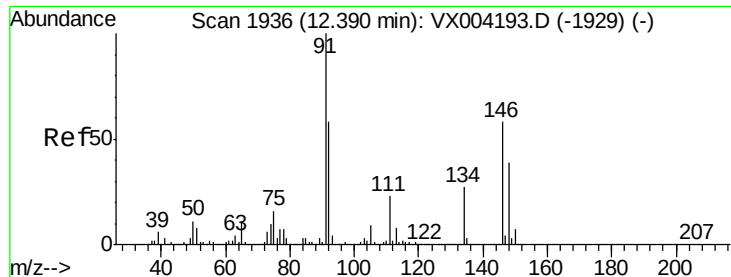
Tot Ion: 91 Resp: 275165
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 20.83 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004386.D
Acq: 06 Sep 2018 15:45

Tgt Ion: 117 Resp: 45707
Ion Ratio Lower Upper
117 100
201 95.6 46.9 140.6

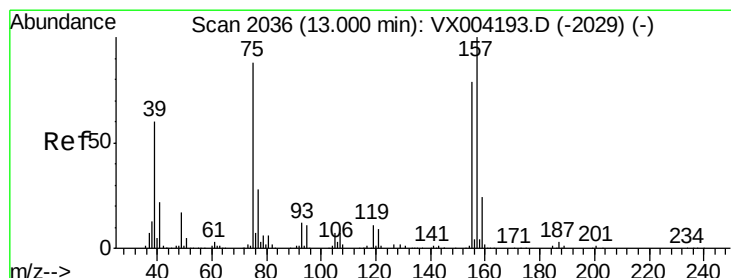
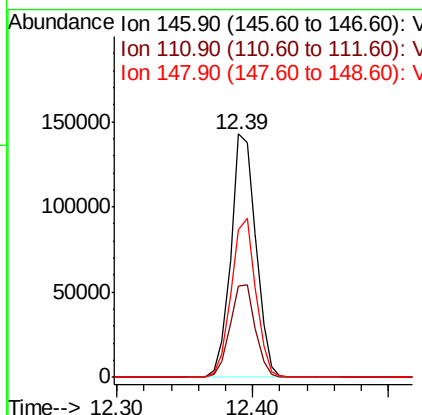
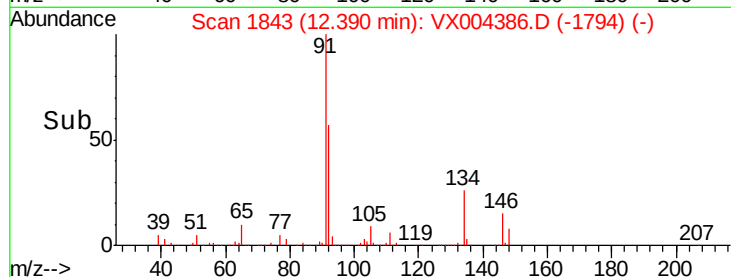
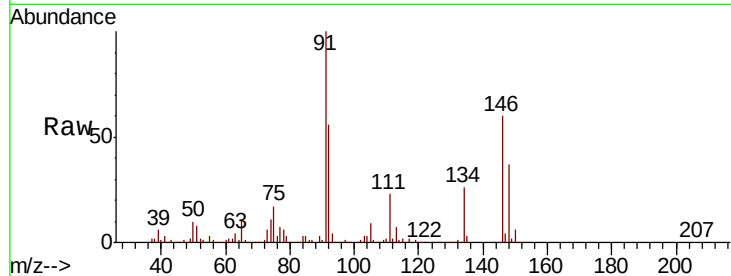




#91
 1,2-Dichlorobenzene
 Concen: 21.36 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

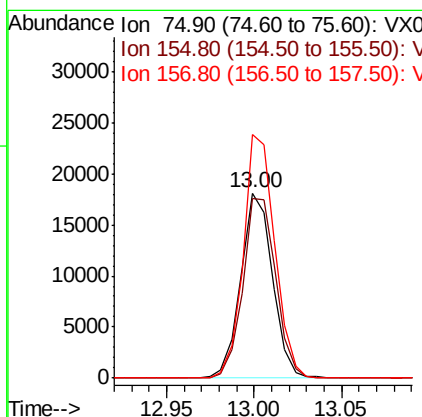
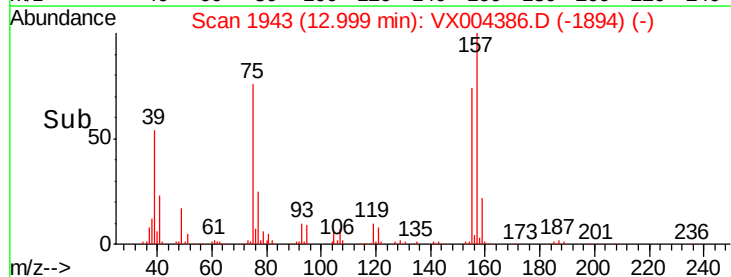
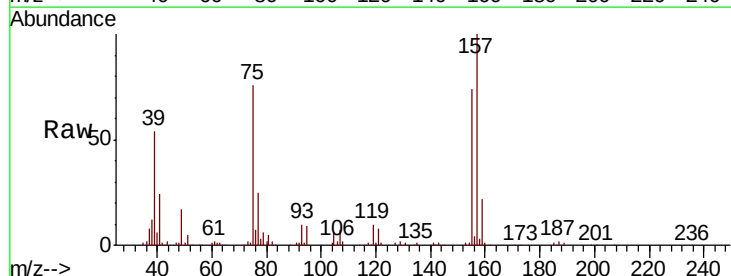
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

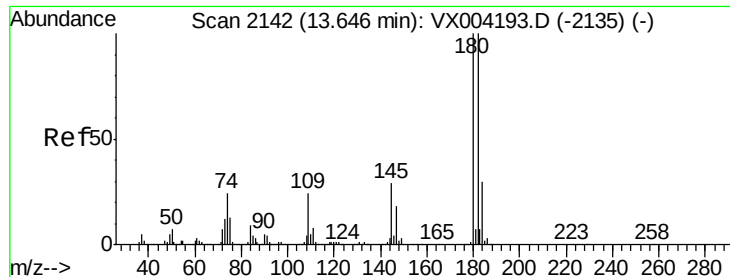
Tot Ion:146 Resp: 182619
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 64.2 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.95 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion: 75 Resp: 22869
 Ion Ratio Lower Upper
 75 100
 155 100.3 48.0 144.2
 157 129.5 61.4 184.1

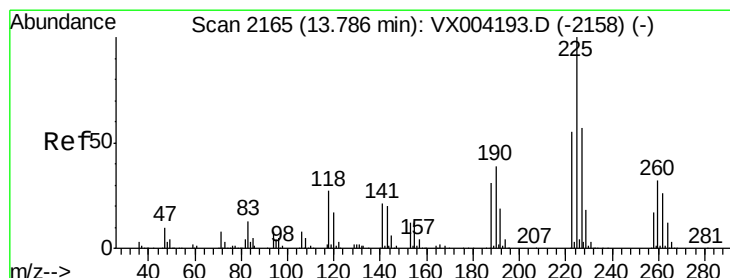
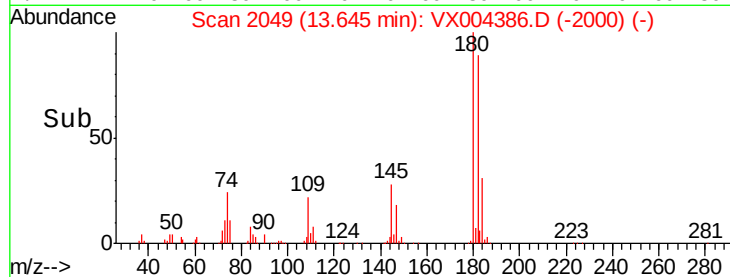
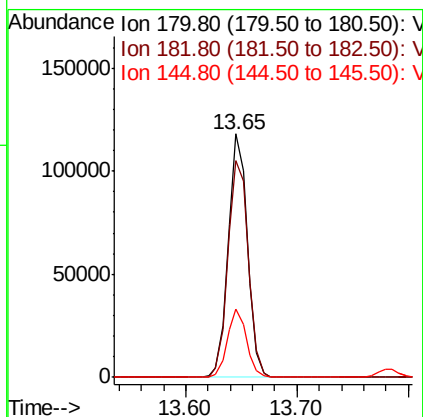
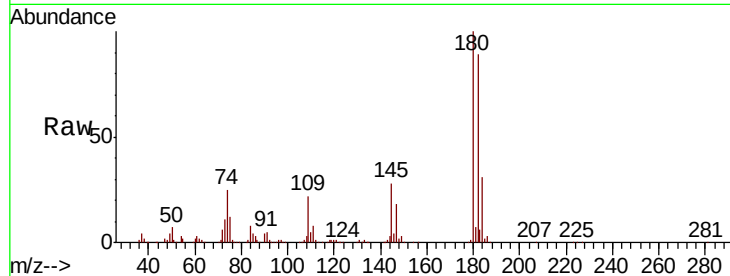




#93
 1,2,4-Trichlorobenzene
 Concen: 22.56 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

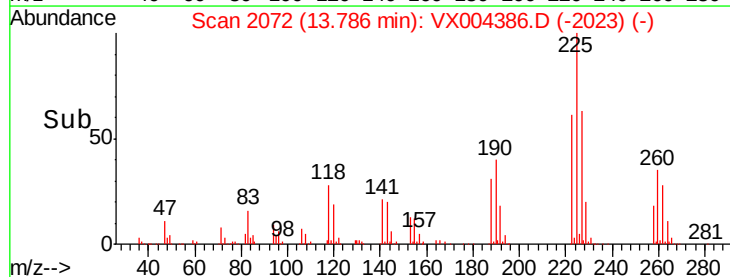
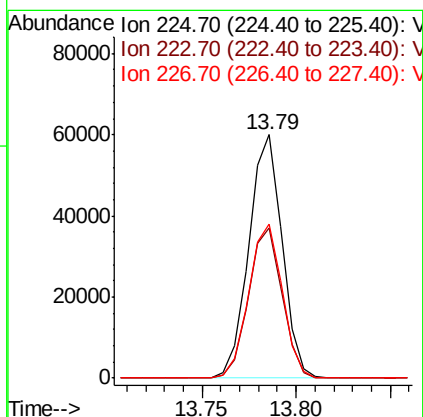
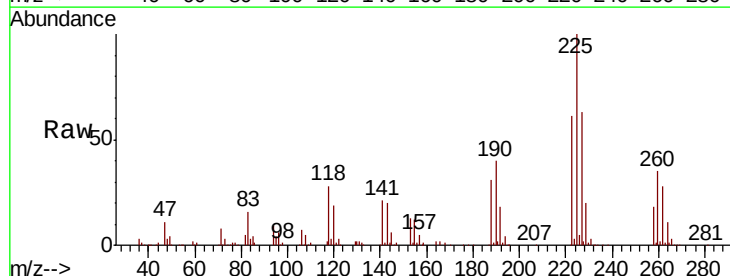
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

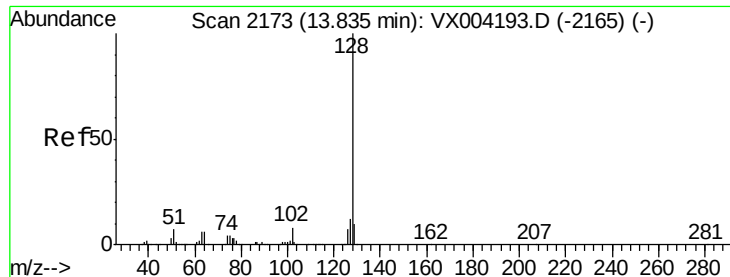
Tot Ion:180 Resp: 140282
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.4 145.0
 145 28.1 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 25.24 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004386.D
 Acq: 06 Sep 2018 15:45

Tgt Ion:225 Resp: 73219
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.1 90.5
 227 64.0 30.8 92.4





#95

Naphthalene

Concen: 24.30 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBSD01

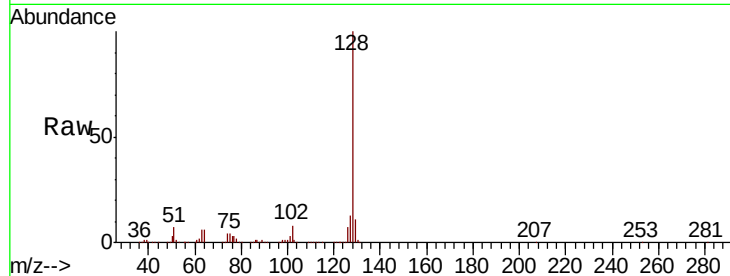
Tot Ion:128 Resp: 427378

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

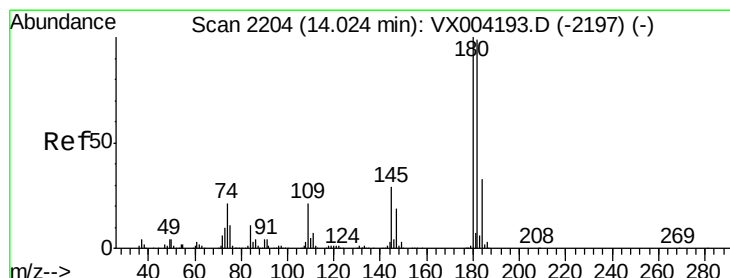
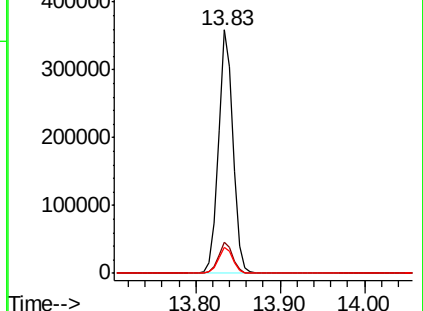
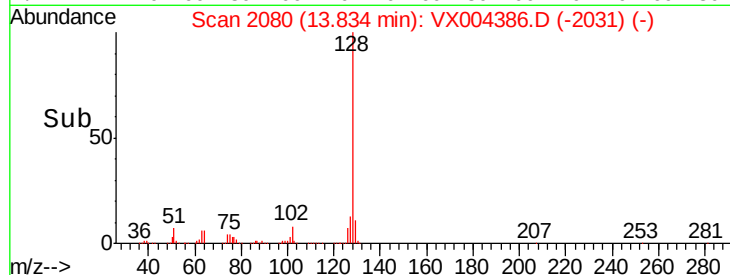
129 10.8 8.6 12.8



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: 22.50 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004386.D

Acq: 06 Sep 2018 15:45

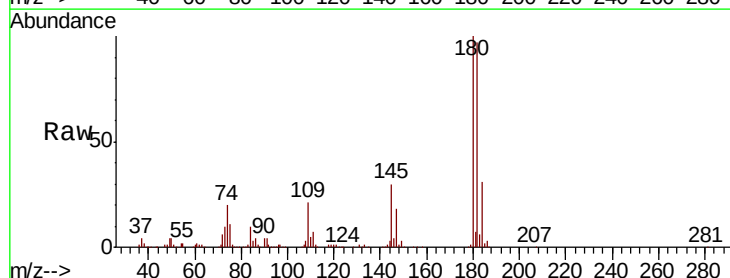
Tgt Ion:180 Resp: 148114

Ion Ratio Lower Upper

180 100

182 95.8 48.5 145.6

145 29.8 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

