

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005386.D
 Acq On : 17 Oct 2018 11:44
 Operator : JC/MD
 Sample : VX1017WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Quant Time: Oct 17 16:39:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	253030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192677	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138666	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.51	113	113670	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	431091	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	161616	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39293	19.86	ug/l	92
3) Chloromethane	1.32	50	52506	18.32	ug/l	100
4) Vinyl Chloride	1.40	62	53563	18.44	ug/l	99
5) Bromomethane	1.64	94	33753	20.92	ug/l	98
6) Chloroethane	1.71	64	34404	19.08	ug/l	97
7) Trichlorofluoromethane	1.92	101	78215	20.18	ug/l	94
8) Diethyl Ether	2.19	74	32186	19.45	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45928	20.53	ug/l	96
10) Methyl Iodide	2.51	142	49239	21.57	ug/l	98
11) Tert butyl alcohol	3.07	59	79087	99.84	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43354	19.56	ug/l	96
13) Acrolein	2.29	56	33276	64.22	ug/l	97
14) Allyl chloride	2.73	41	92473	19.01	ug/l	96
15) Acrylonitrile	3.15	53	171619	95.60	ug/l	98
16) Acetone	2.45	43	153887	94.78	ug/l	96
17) Carbon Disulfide	2.57	76	118900	17.71	ug/l	99
18) Methyl Acetate	2.78	43	95664	20.71	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	160900	20.61	ug/l	96
20) Methylene Chloride	2.85	84	51364	20.95	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	47170	19.21	ug/l	96
22) Diisopropyl ether	3.87	45	154714	18.93	ug/l	98
23) Vinyl Acetate	3.82	43	662975	92.82	ug/l	97
24) 1,1-Dichloroethane	3.70	63	91722	19.58	ug/l	99
25) 2-Butanone	4.70	43	224790	94.62	ug/l	94
26) 2,2-Dichloropropane	4.58	77	65248	18.63	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50017	18.74	ug/l	94
28) Bromochloromethane	5.02	49	43040	20.16	ug/l	95
29) Tetrahydrofuran	5.16	42	145019	95.70	ug/l	93
30) Chloroform	5.21	83	85785	19.73	ug/l	97
31) Cyclohexane	5.57	56	72435	18.76	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	74141	19.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61378	17.51	ug/l	99
37) Ethyl Acetate	4.85	43	80616	17.88	ug/l	99
38) Carbon Tetrachloride	5.78	117	64192	18.22	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69389	18.29	ug/l	93
40) Benzene	6.14	78	204259	19.42	ug/l	95
41) Methacrylonitrile	5.06	41	45447	18.80	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69574	18.74	ug/l	99
43) Isopropyl Acetate	6.46	43	119146	19.84	ug/l	98
44) Trichloroethene	7.21	130	53645	19.60	ug/l	98
45) 1,2-Dichloropropane	7.51	63	50430	19.55	ug/l	98
46) Dibromomethane	7.66	93	32891	19.32	ug/l	98
47) Bromodichloromethane	7.90	83	62973	19.99	ug/l	99
48) Methyl methacrylate	7.77	41	60013	19.27	ug/l	96
49) 1,4-Dioxane	7.76	88	27151	377.90	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	426628	102.59	ug/l	94
52) Toluene	8.79	92	120505	20.94	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67654	19.85	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	75513	20.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50201	20.60	ug/l	99
56) Ethyl methacrylate	9.18	69	73294	20.63	ug/l	95
57) 1,3-Dichloropropane	9.37	76	83215	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	213728	107.27	ug/l	95
59) 2-Hexanone	9.50	43	336041	100.45	ug/l	93
60) Dibromochloromethane	9.59	129	51063	20.27	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52373	20.48	ug/l	100
64) Tetrachloroethene	9.34	164	56212	20.52	ug/l	98
65) Chlorobenzene	10.14	112	136973	18.92	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	50280	19.49	ug/l	98
67) Ethyl Benzene	10.25	91	224422	19.07	ug/l	98
68) m/p-Xylenes	10.36	106	177300	38.82	ug/l	95
69) o-Xylene	10.70	106	84912	19.28	ug/l	96
70) Styrene	10.71	104	142908	19.72	ug/l	98
71) Bromoform	10.86	173	42556	18.46	ug/l	99
73) Isopropylbenzene	11.02	105	233297	20.37	ug/l	100
74) N-amyl acetate	10.90	43	105660	19.13	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	82324	19.05	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	93246	24.95	ug/l	87
77) Bromobenzene	11.26	156	65129	19.89	ug/l	100
78) n-propylbenzene	11.36	91	267304	20.28	ug/l	100
79) 2-Chlorotoluene	11.42	91	162532	20.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200283	20.42	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	22437	18.24	ug/l	98
82) 4-Chlorotoluene	11.51	91	189191	19.77	ug/l	99
83) tert-Butylbenzene	11.77	119	197061	19.84	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	207681	20.57	ug/l	98
85) sec-Butylbenzene	11.94	105	238436	20.28	ug/l	98
86) p-Isopropyltoluene	12.07	119	217112	20.44	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	119559	19.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122073	19.50	ug/l	99
89) n-Butylbenzene	12.39	91	184662	19.14	ug/l	98
90) Hexachloroethane	12.60	117	32487	17.74	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	120879	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19488	18.49	ug/l	98

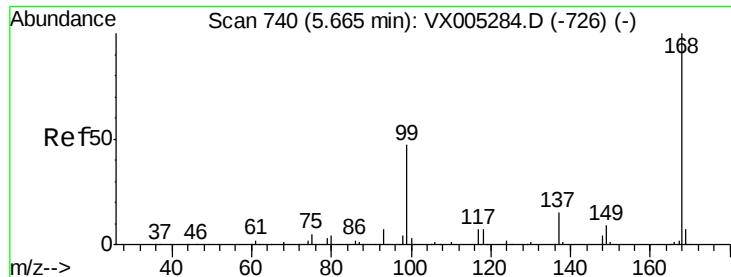
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90928	19.85	ug/l	98
94) Hexachlorobutadiene	13.79	225	46854	19.36	ug/l	97
95) Naphthalene	13.83	128	269289	20.27	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93584	19.96	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. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

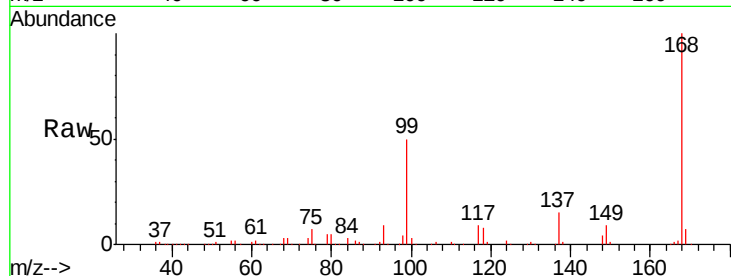
VX1017WBSD01

Tgt Ion:168 Resp: 253030

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

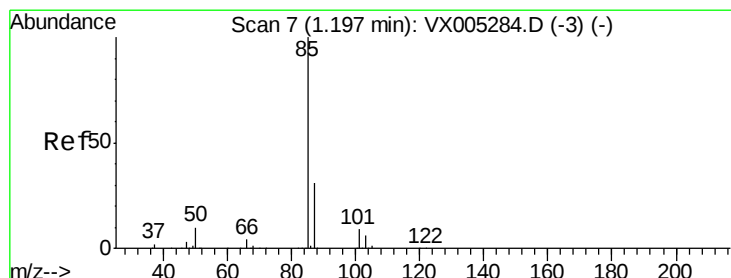
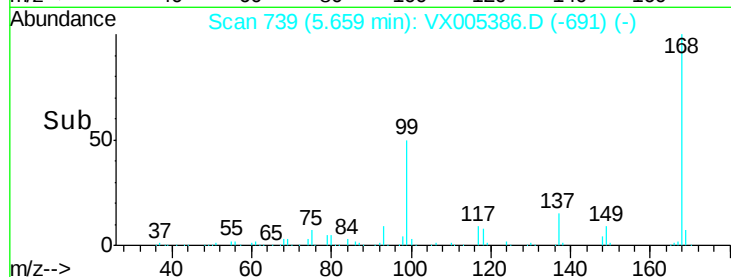
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.86 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005386.D

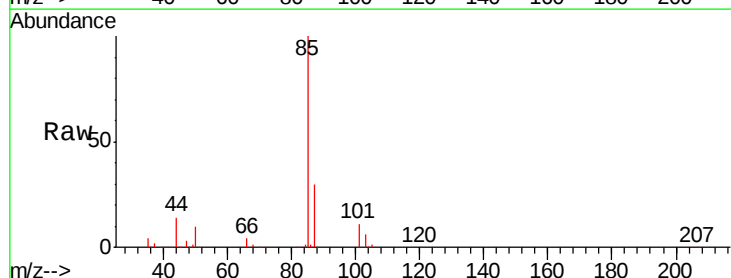
Acq: 17 Oct 2018 11:44

Tgt Ion: 85 Resp: 39293

Ion Ratio Lower Upper

85 100

87 29.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

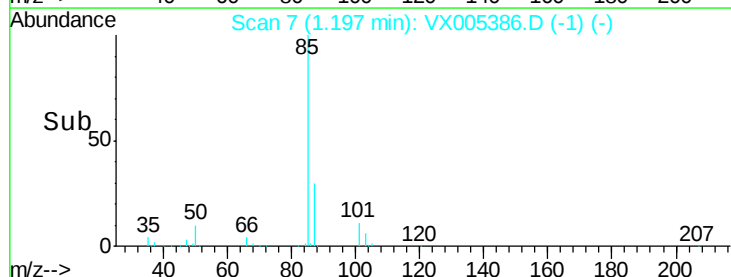
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.32 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

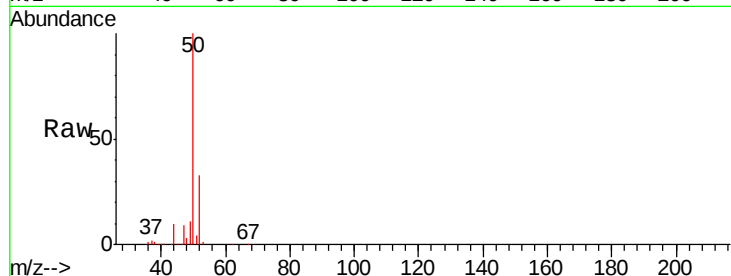
VX1017WBSD01

Tgt Ion: 50 Resp: 52506

Ion Ratio Lower Upper

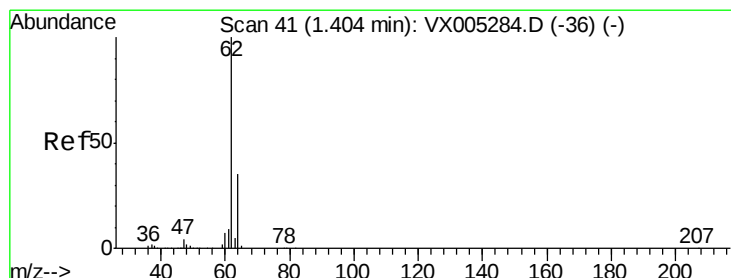
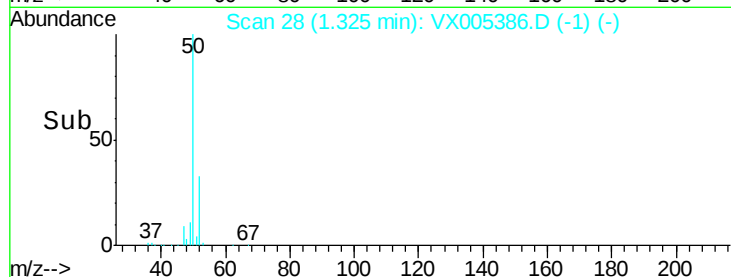
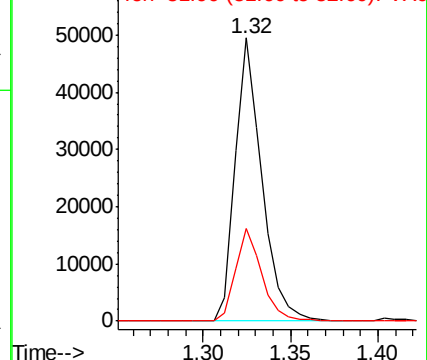
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.44 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005386.D

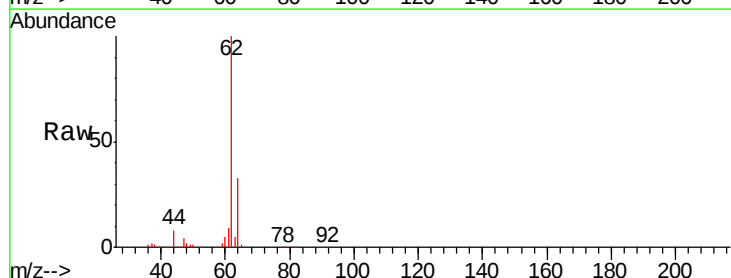
Acq: 17 Oct 2018 11:44

Tgt Ion: 62 Resp: 53563

Ion Ratio Lower Upper

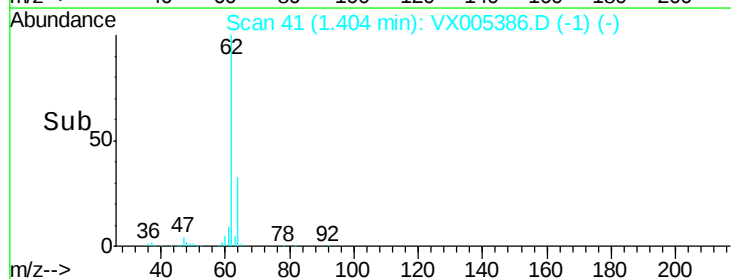
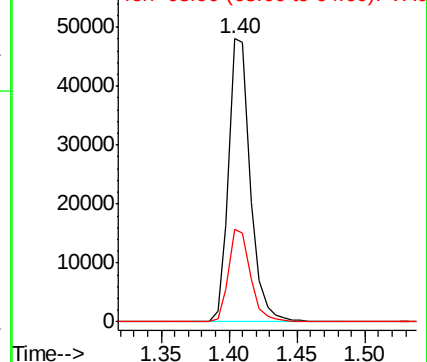
62 100

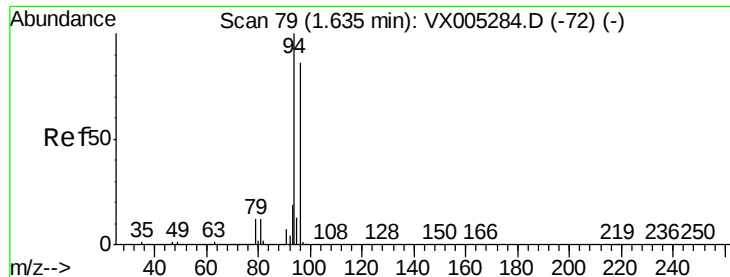
64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.92 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

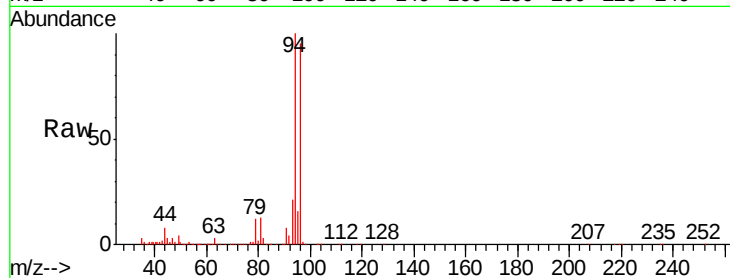
VX1017WBSD01

Tgt Ion: 94 Resp: 33753

Ion Ratio Lower Upper

94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

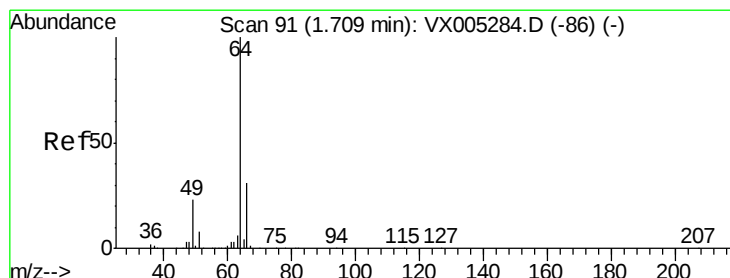
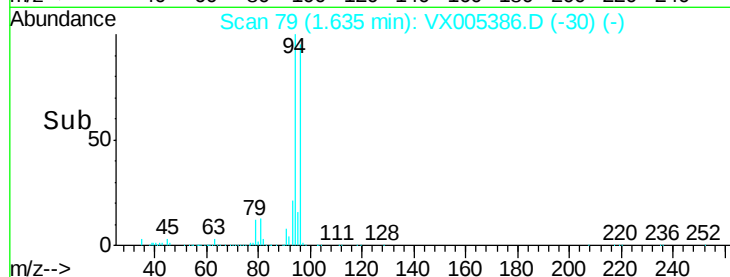
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.08 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005386.D

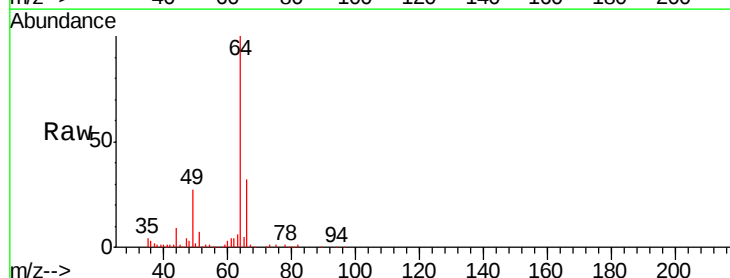
Acq: 17 Oct 2018 11:44

Tgt Ion: 64 Resp: 34404

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

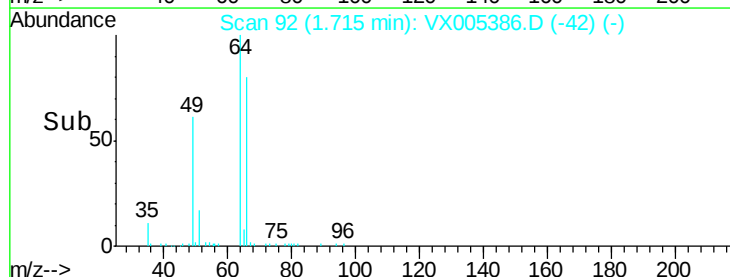
15000

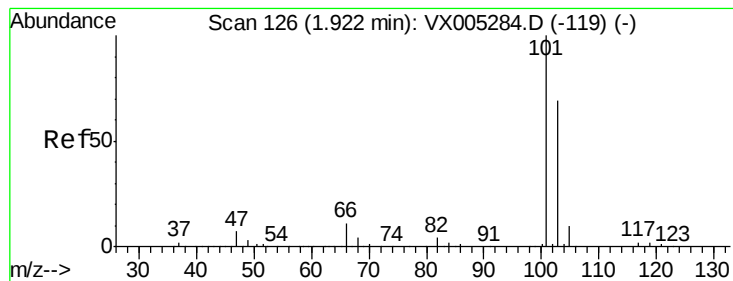
10000

5000

0

Time--> 1.70 1.80



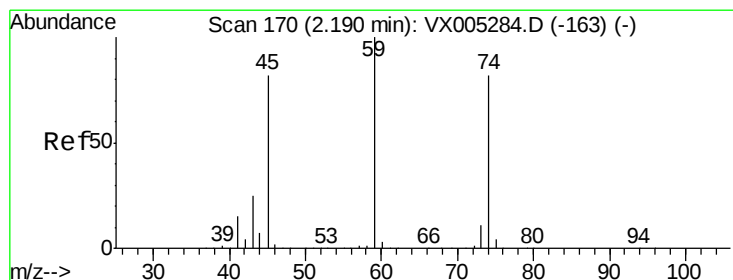
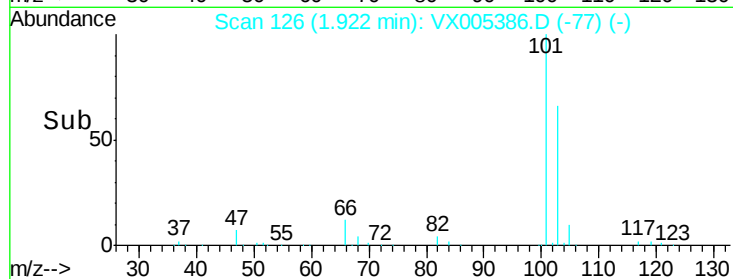
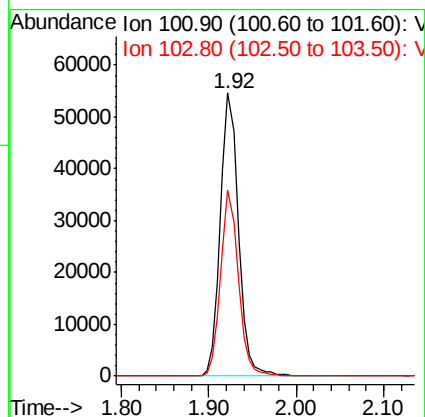
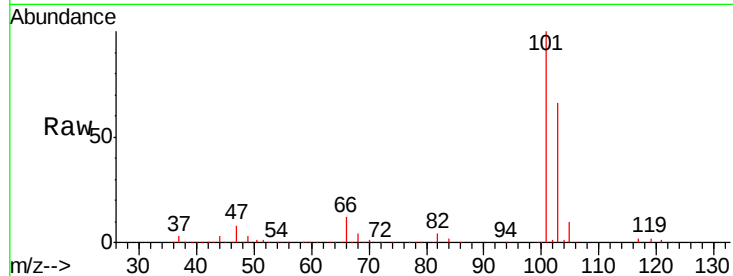


#7

Trichlorofluoromethane
Concen: 20.18 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

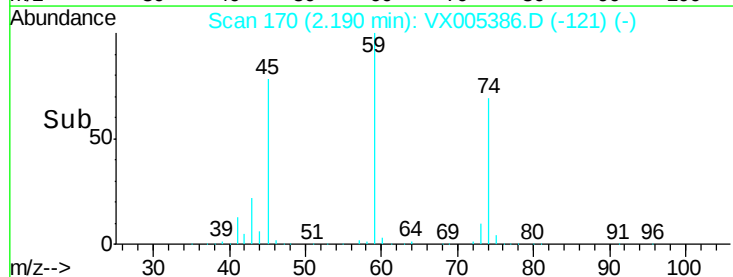
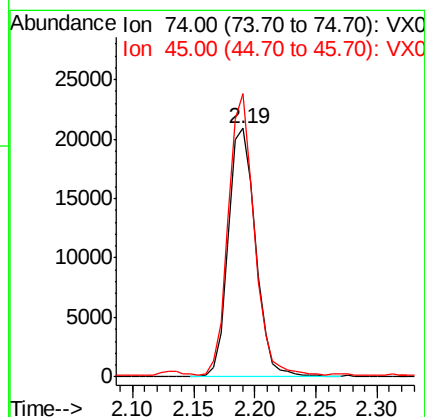
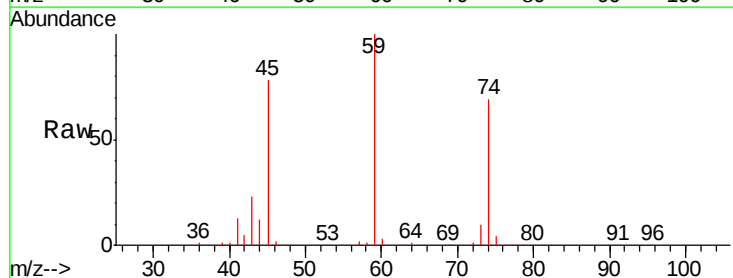
Tgt Ion: 101 Resp: 78215
Ion Ratio Lower Upper
101 100
103 65.6 48.9 73.3

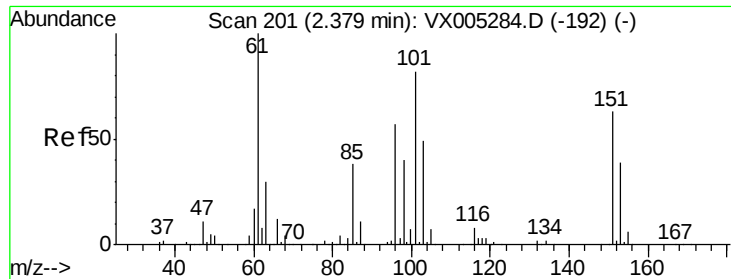


#8

Diethyl Ether
Concen: 19.45 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 74 Resp: 32186
Ion Ratio Lower Upper
74 100
45 107.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.53 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

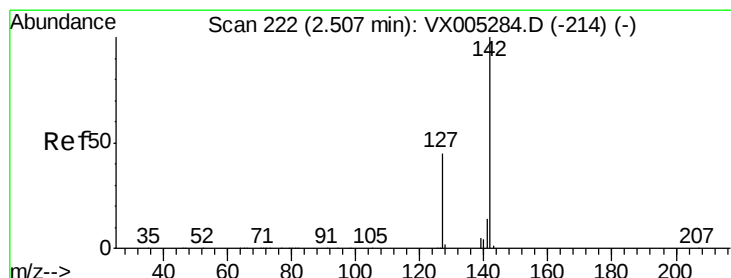
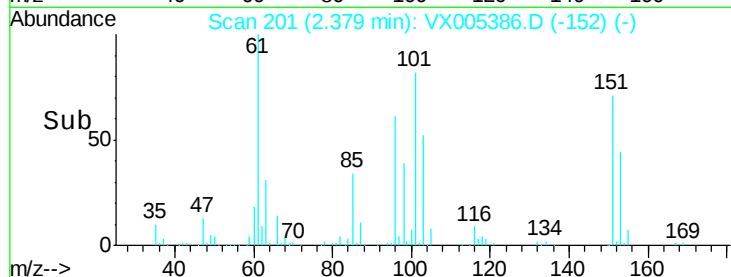
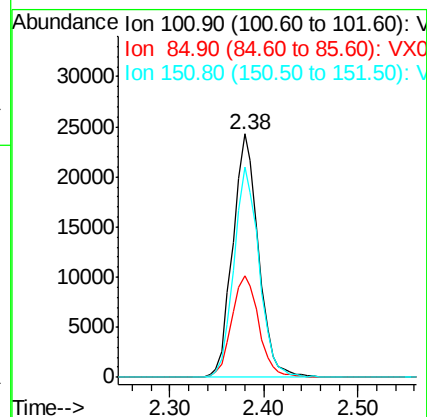
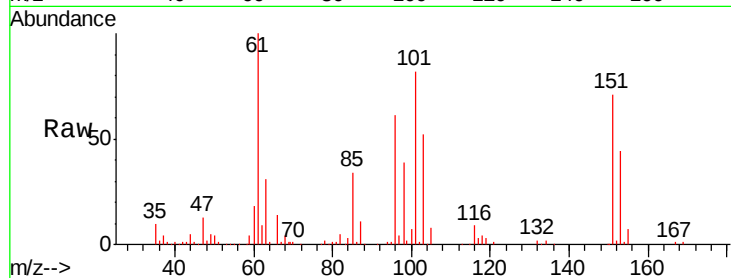
Tgt Ion:101 Resp: 45928

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

151 85.2 65.0 97.6



#10

Methyl Iodide

Concen: 21.57 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

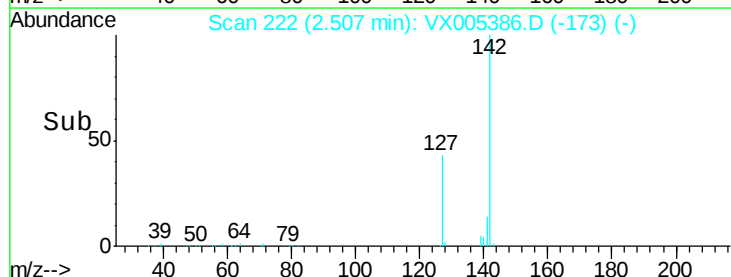
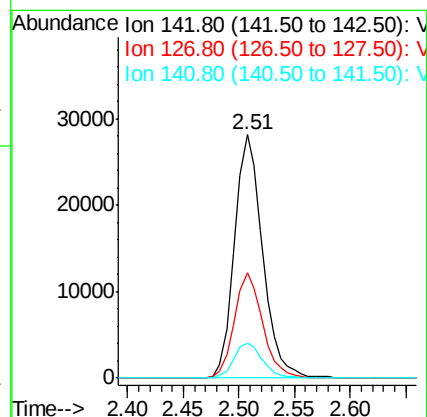
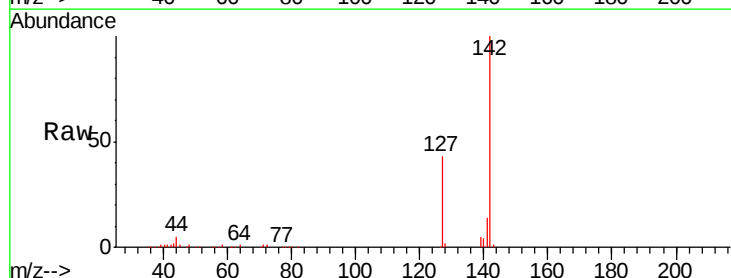
Tgt Ion:142 Resp: 49239

Ion Ratio Lower Upper

142 100

127 43.6 33.8 50.6

141 14.8 11.4 17.0

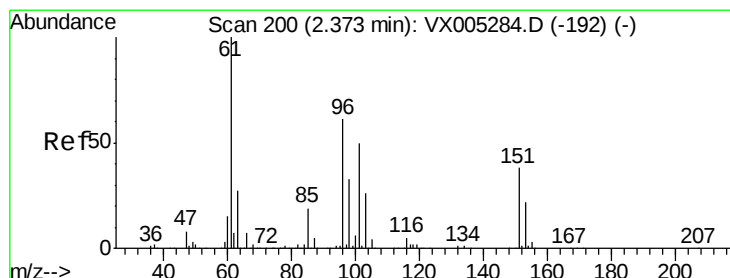
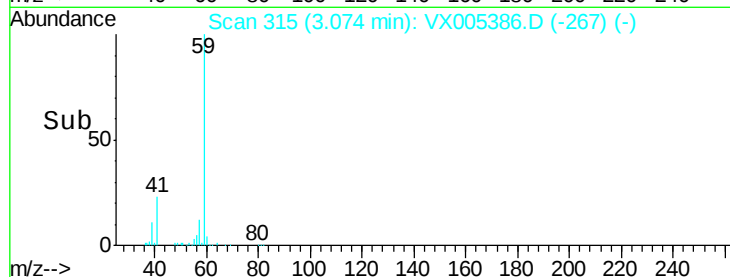
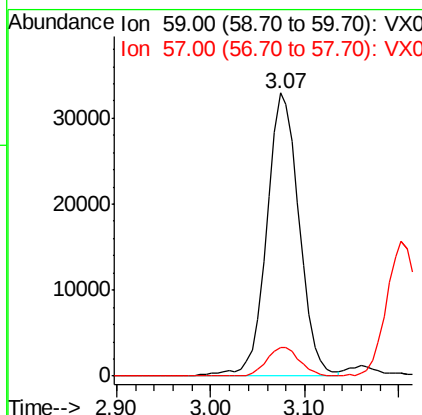
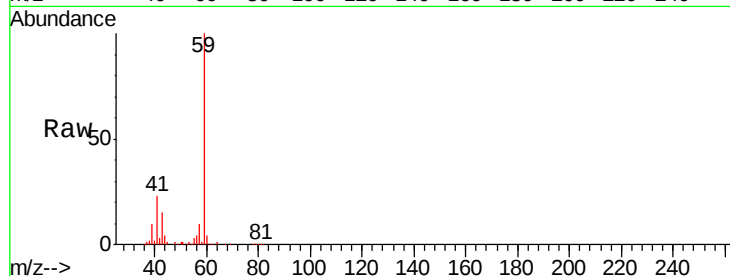




#11
Tert butyl alcohol
Concen: 99.84 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

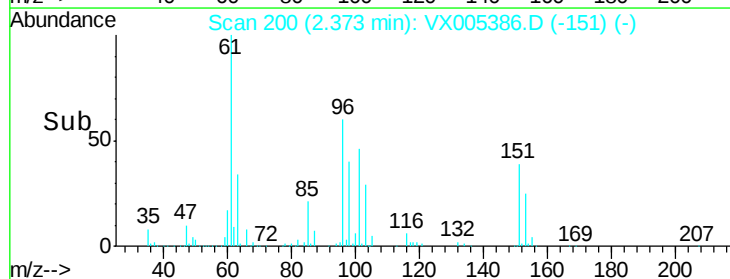
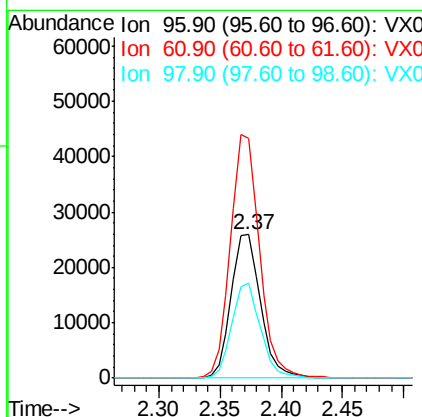
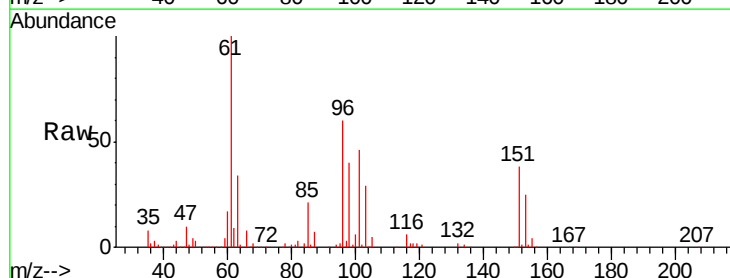
Instrument :
MSVOA_X
ClientSampled :
VX1017WBSD01

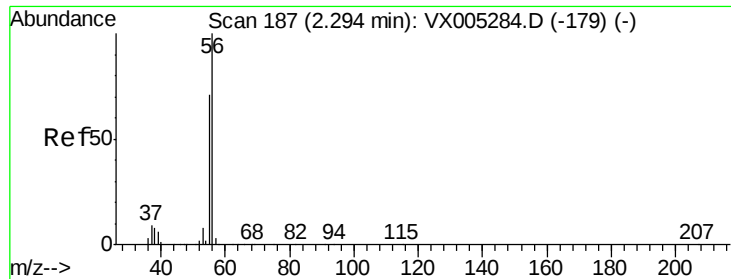
Tgt Ion: 59 Resp: 79087
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.56 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 96 Resp: 43354
Ion Ratio Lower Upper
96 100
61 167.1 128.8 193.2
98 66.5 52.2 78.2





#13

Acrolein

Concen: 64.22 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

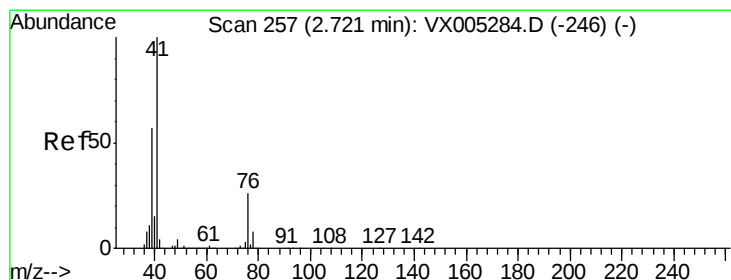
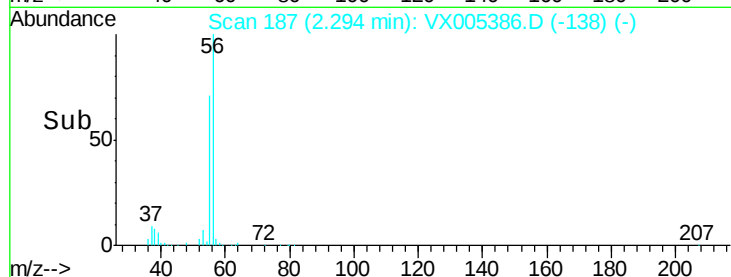
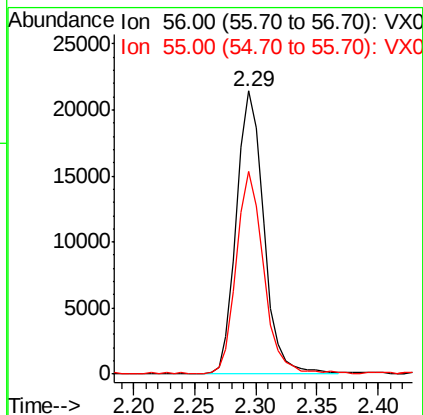
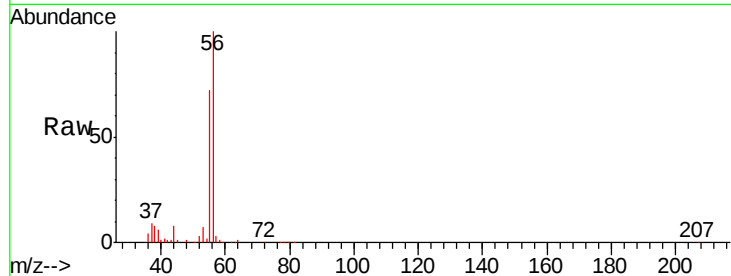
VX1017WBSD01

Tgt Ion: 56 Resp: 33276

Ion Ratio Lower Upper

56 100

55 70.6 54.7 82.1



#14

Allyl chloride

Concen: 19.01 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

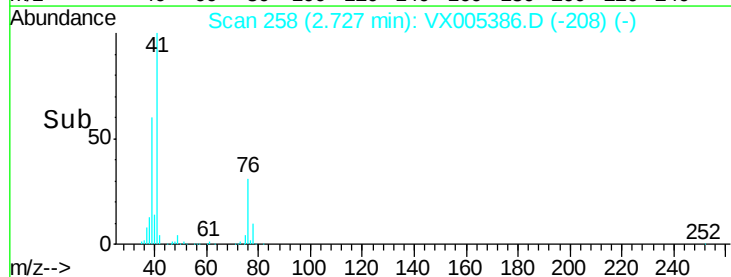
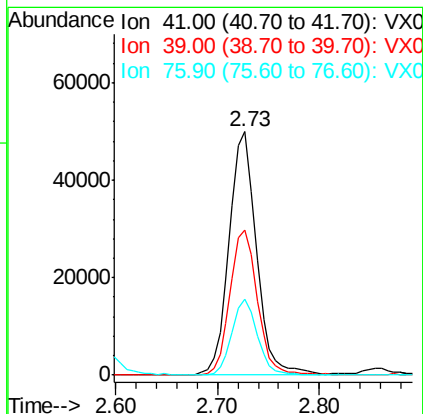
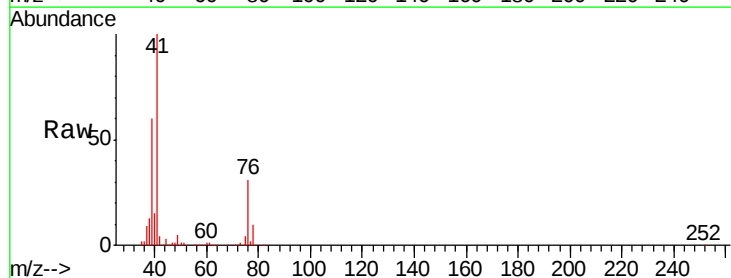
Tgt Ion: 41 Resp: 92473

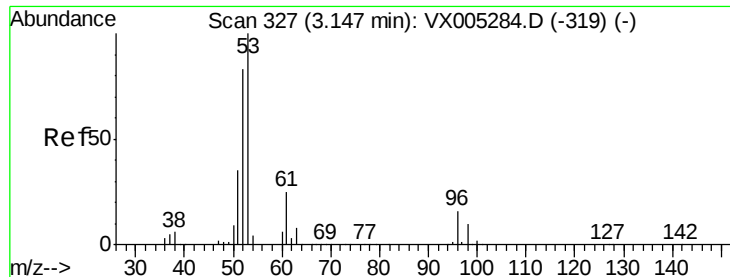
Ion Ratio Lower Upper

41 100

39 59.4 48.9 73.3

76 29.6 26.7 40.1





#15

Acrylonitrile

Concen: 95.60 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

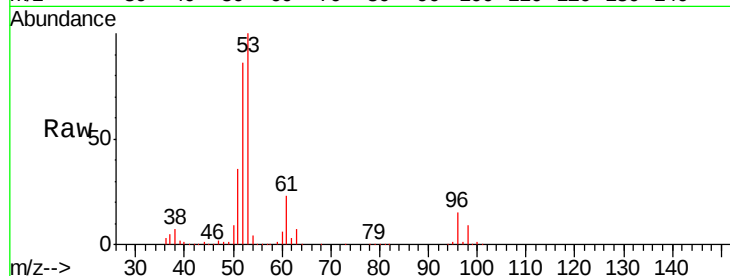
Tgt Ion: 53 Resp: 171619

Ion Ratio Lower Upper

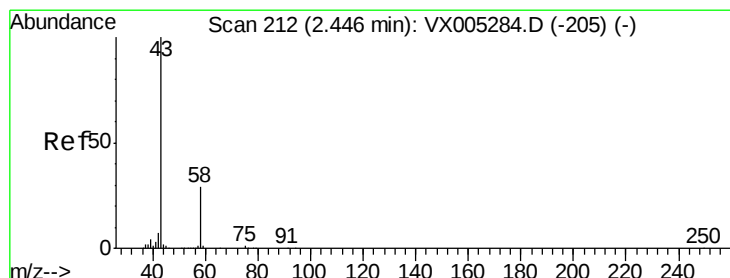
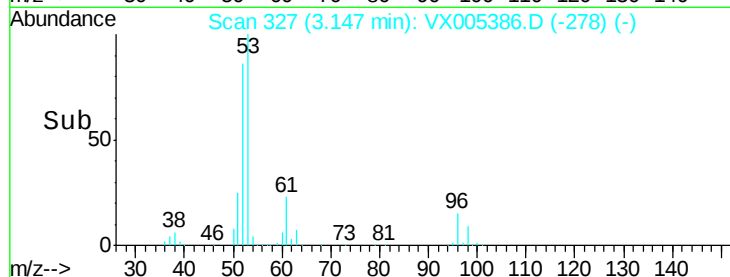
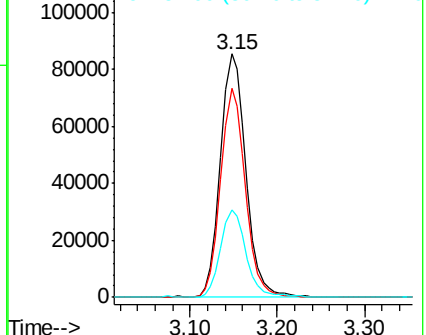
53 100

52 83.6 65.2 97.8

51 36.0 28.2 42.2



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



#16

Acetone

Concen: 94.78 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005386.D

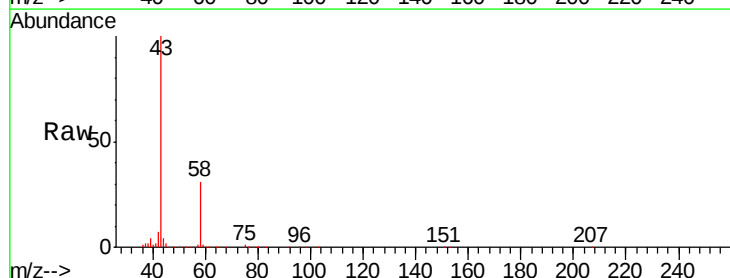
Acq: 17 Oct 2018 11:44

Tgt Ion: 43 Resp: 153887

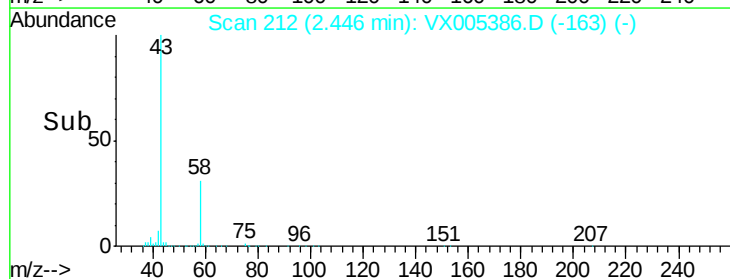
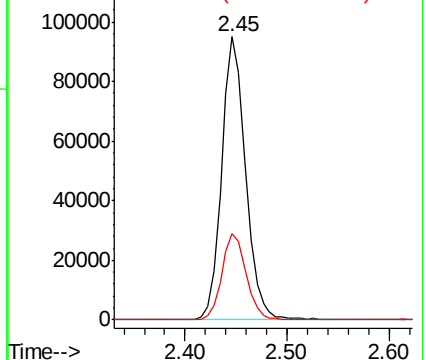
Ion Ratio Lower Upper

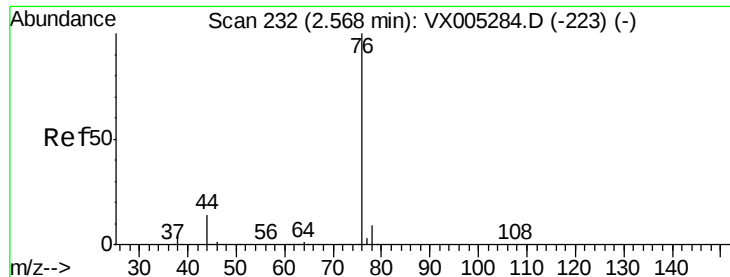
43 100

58 30.6 26.2 39.4



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

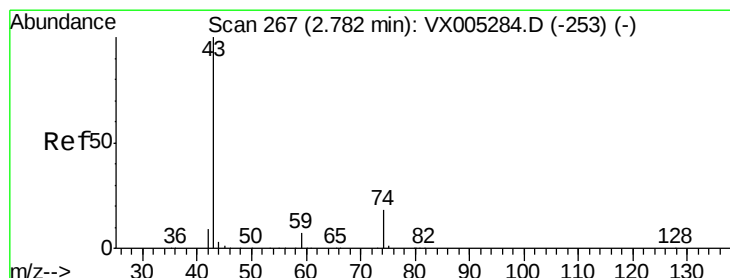
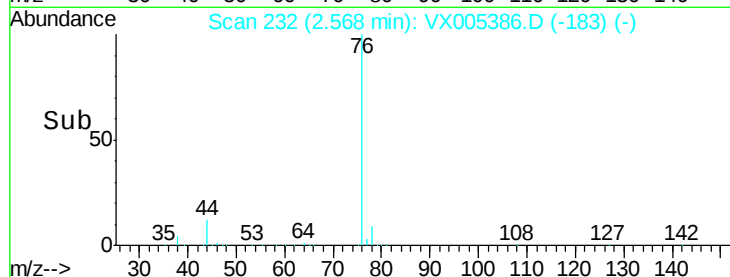
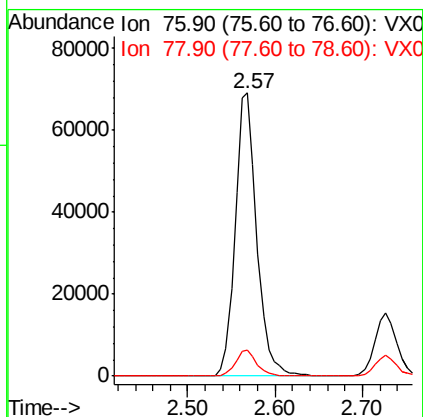
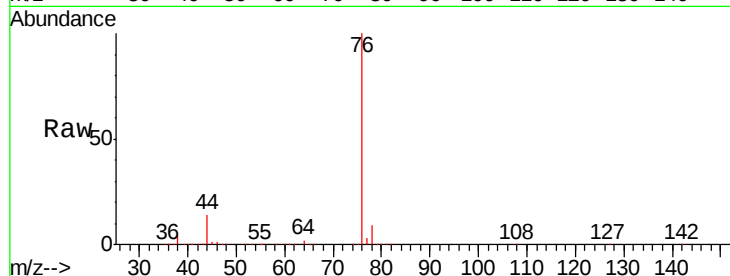




#17
Carbon Disulfide
Concen: 17.71 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

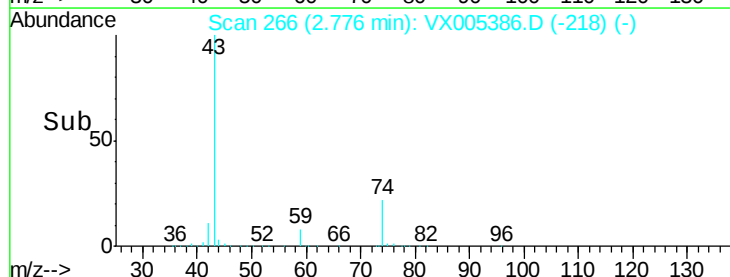
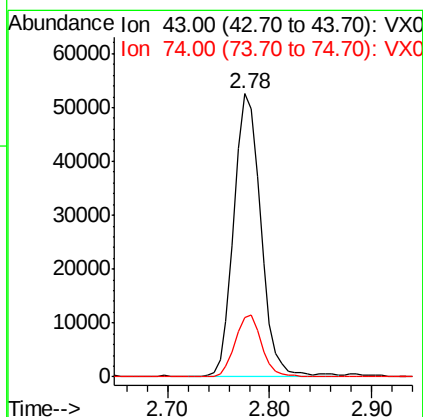
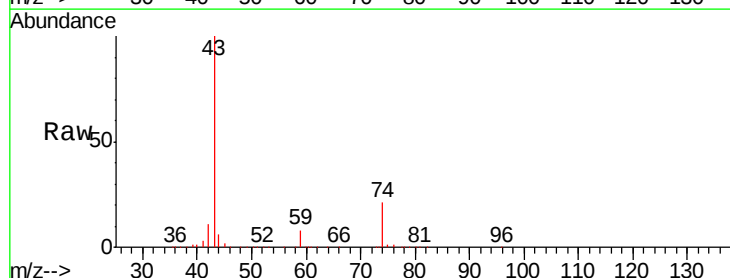
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

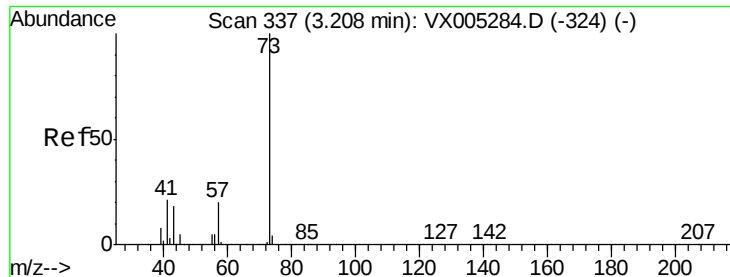
Tgt Ion: 76 Resp: 118900
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 20.71 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 43 Resp: 95664
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2

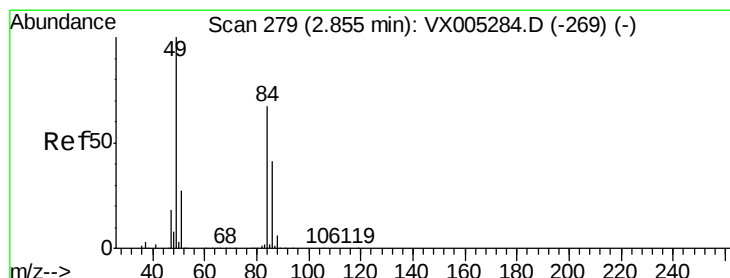
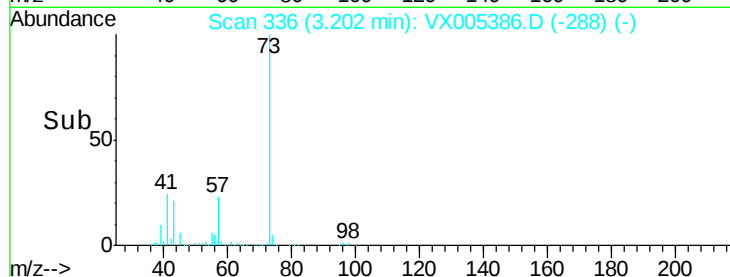
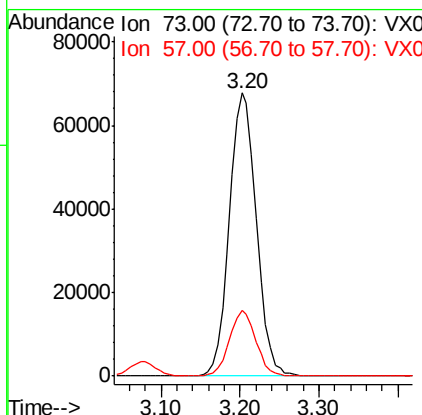
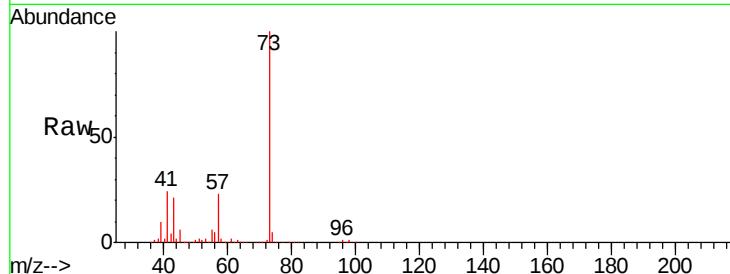




#19
Methyl tert-butyl Ether
Concen: 20.61 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

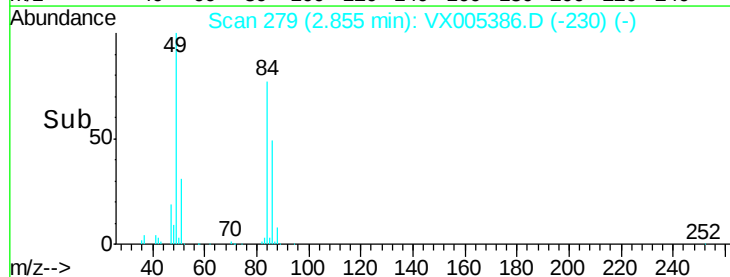
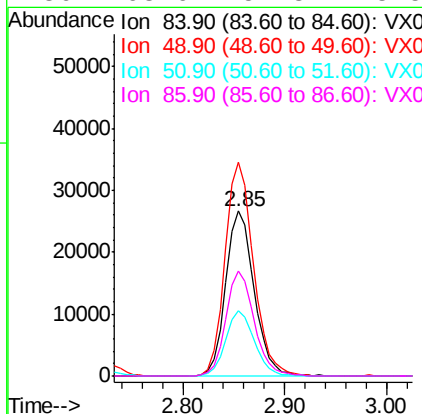
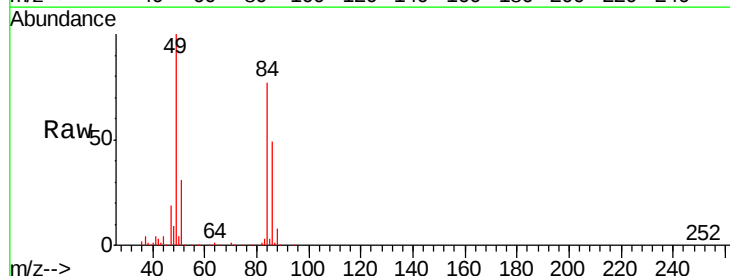
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

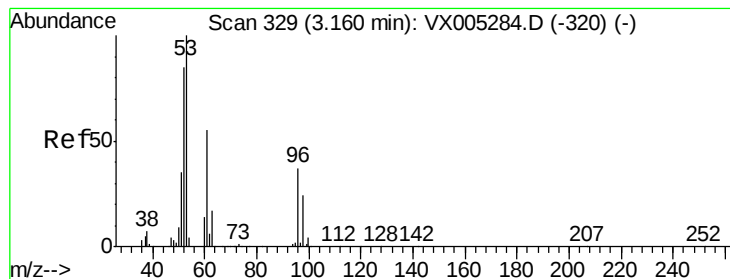
Tgt Ion: 73 Resp: 160900
Ion Ratio Lower Upper
73 100
57 23.2 17.1 25.7



#20
Methylene Chloride
Concen: 20.95 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 84 Resp: 51364
Ion Ratio Lower Upper
84 100
49 129.7 101.2 151.8
51 39.3 29.5 44.3
86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.21 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

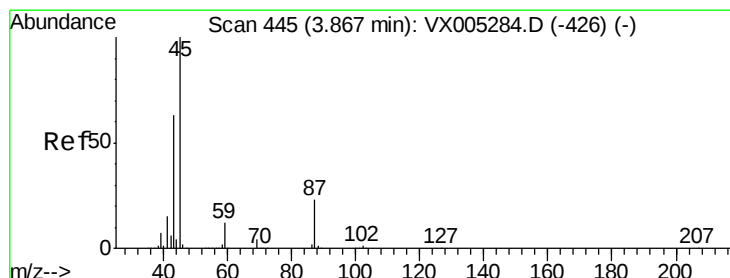
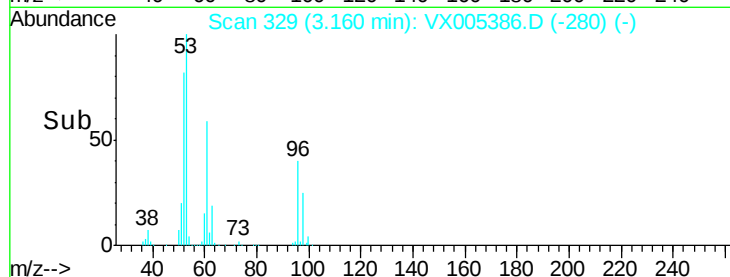
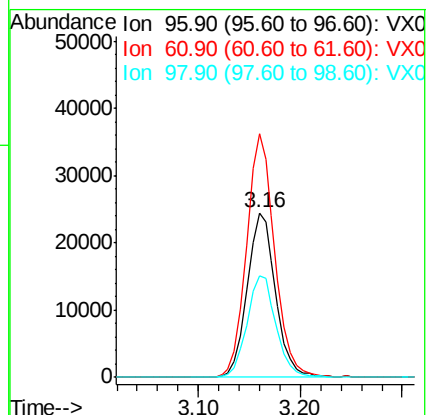
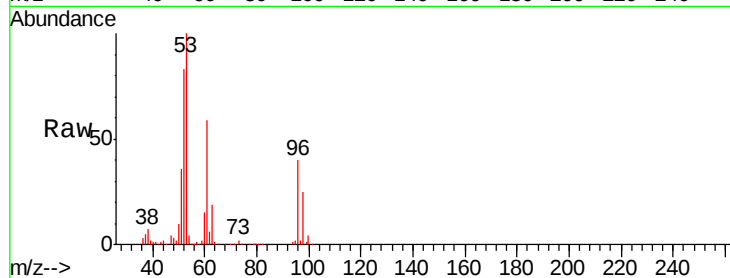
Tgt Ion: 96 Resp: 47170

Ion Ratio Lower Upper

96 100

61 147.5 113.8 170.6

98 62.0 51.8 77.8



#22

Diisopropyl ether

Concen: 18.93 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion: 45 Resp: 154714

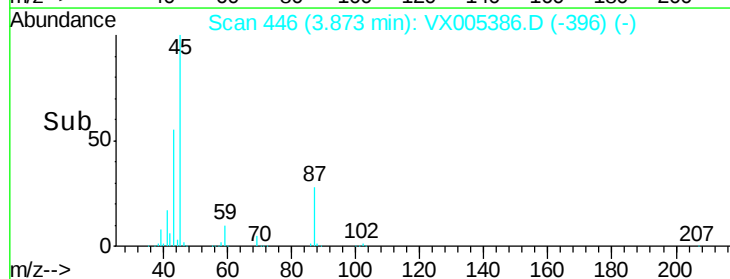
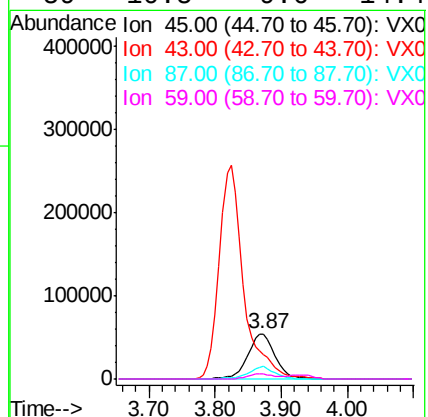
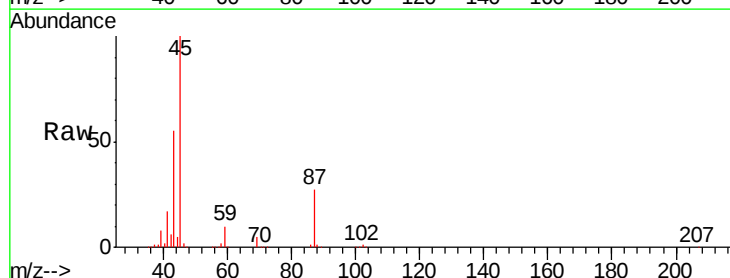
Ion Ratio Lower Upper

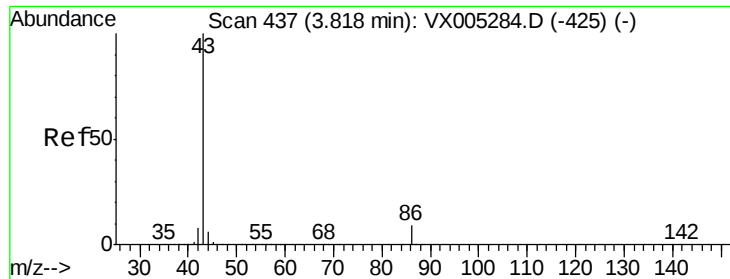
45 100

43 54.8 42.8 64.2

87 27.5 22.6 34.0

59 10.5 9.6 14.4





#23

Vinyl Acetate

Concen: 92.82 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

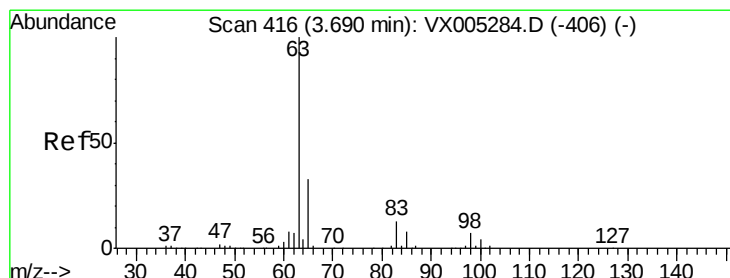
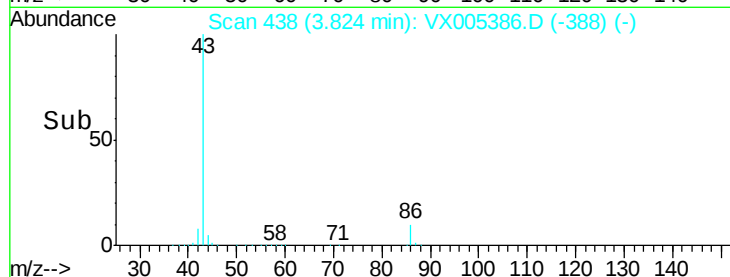
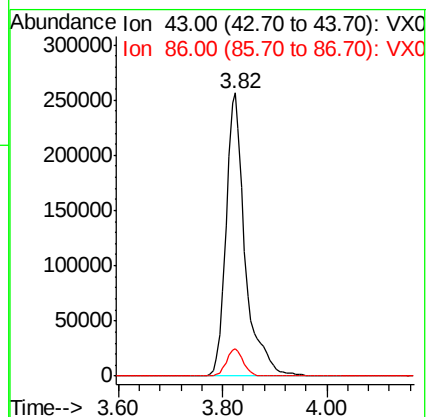
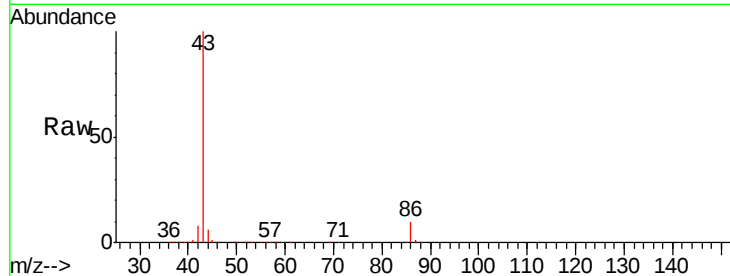
VX1017WBSD01

Tgt Ion: 43 Resp: 662975

Ion Ratio Lower Upper

43 100

86 9.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.58 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

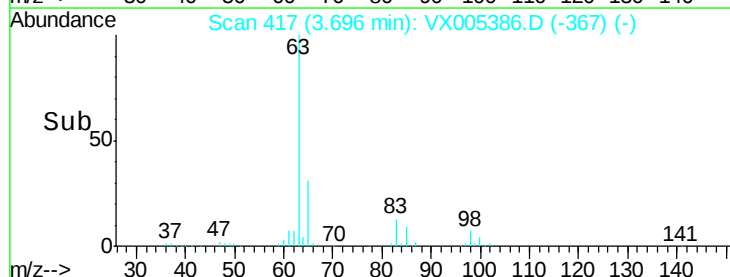
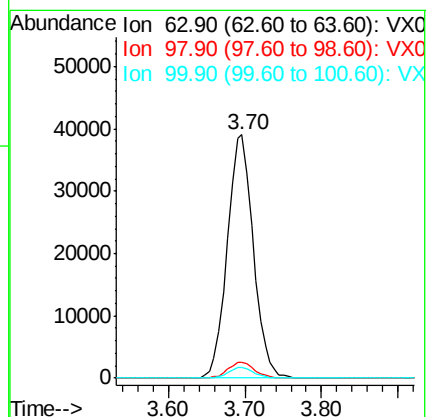
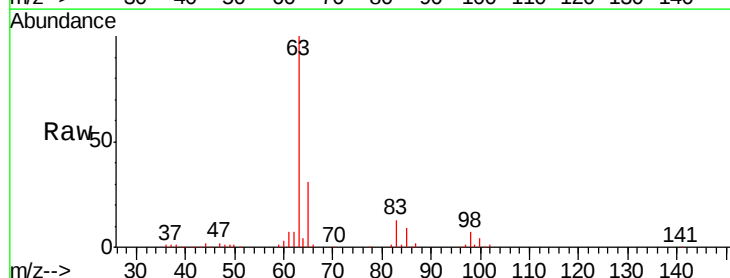
Tgt Ion: 63 Resp: 91722

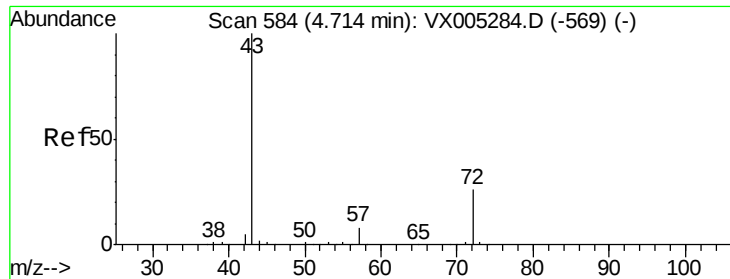
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 94.62 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

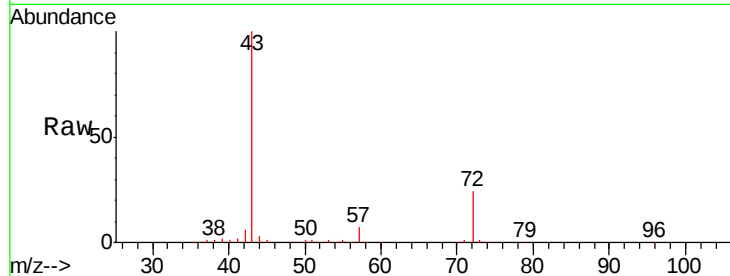
VX1017WBSD01

Tgt Ion: 43 Resp: 224790

Ion Ratio Lower Upper

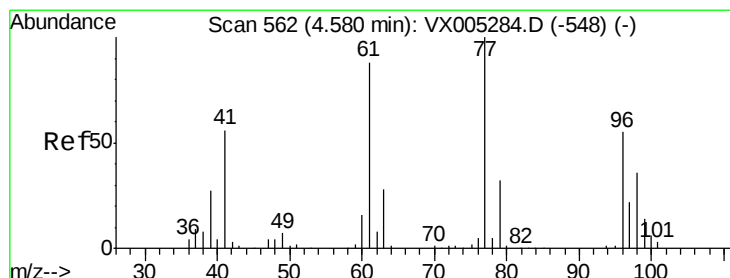
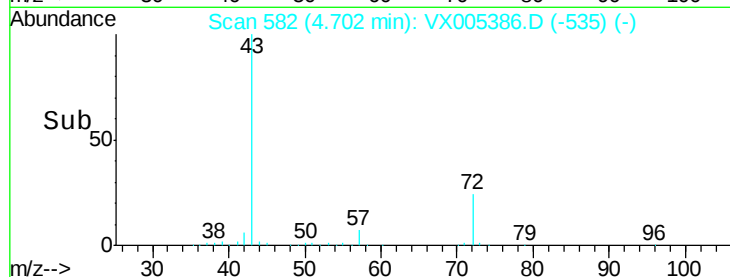
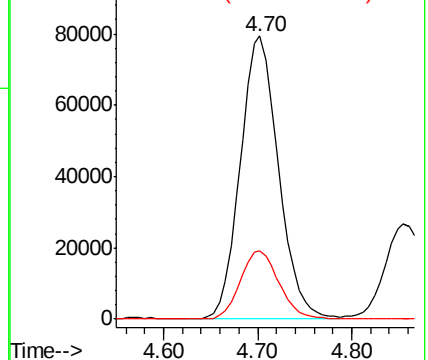
43 100

72 24.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.63 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005386.D

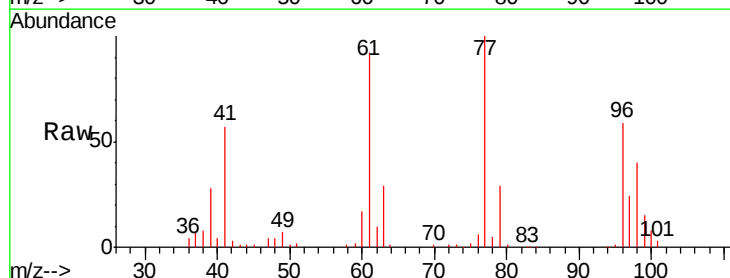
Acq: 17 Oct 2018 11:44

Tgt Ion: 77 Resp: 65248

Ion Ratio Lower Upper

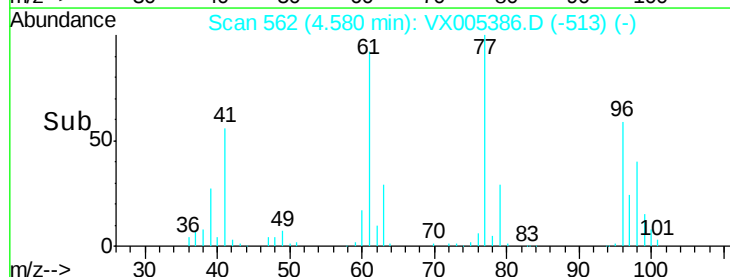
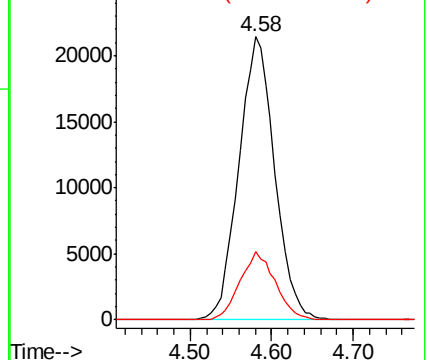
77 100

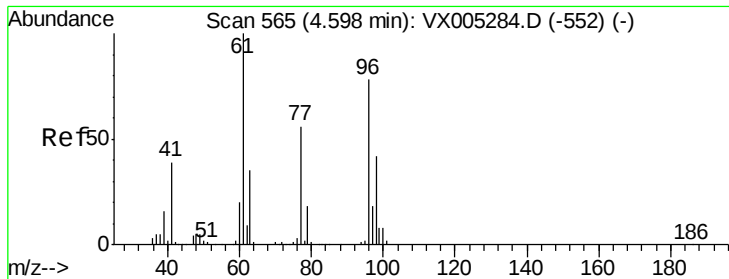
97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



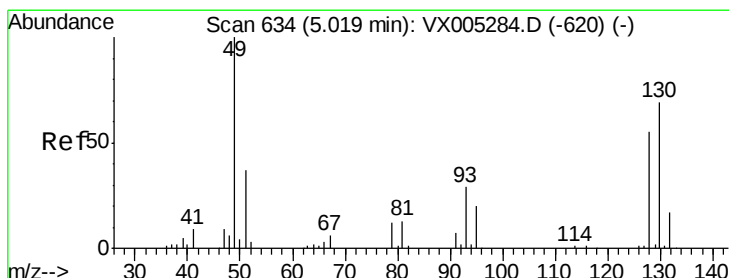
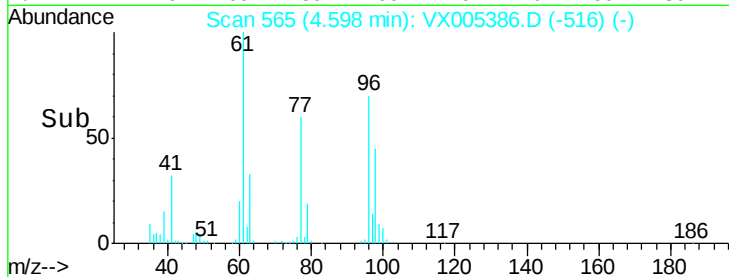
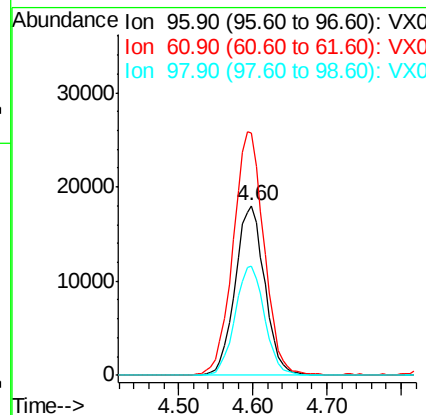
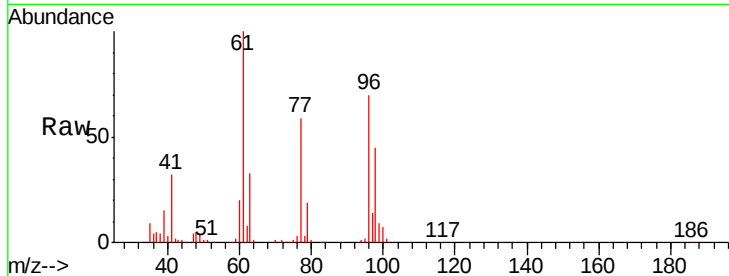


#27

cis-1,2-Dichloroethene
Concen: 18.74 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

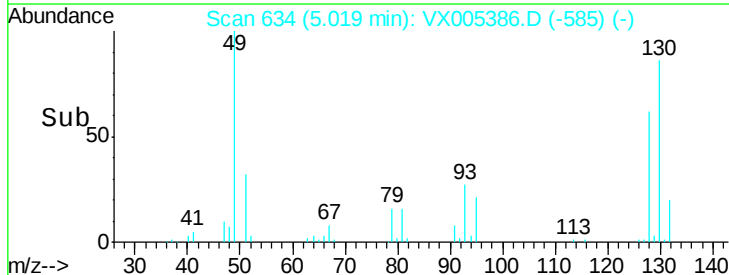
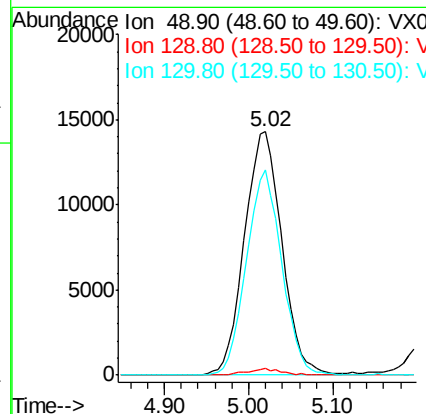
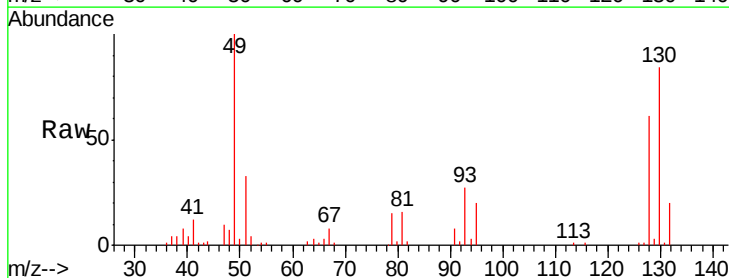
Tgt Ion: 96 Resp: 50017
Ion Ratio Lower Upper
96 100
61 150.8 0.0 282.6
98 64.3 0.0 130.2

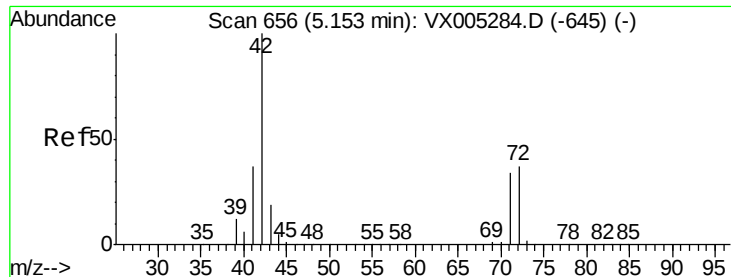


#28

Bromochloromethane
Concen: 20.16 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 49 Resp: 43040
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 79.5 67.5 101.3

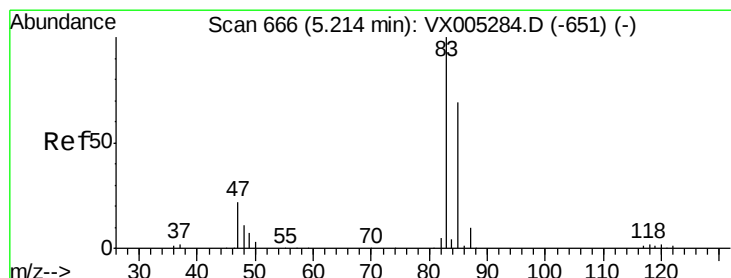
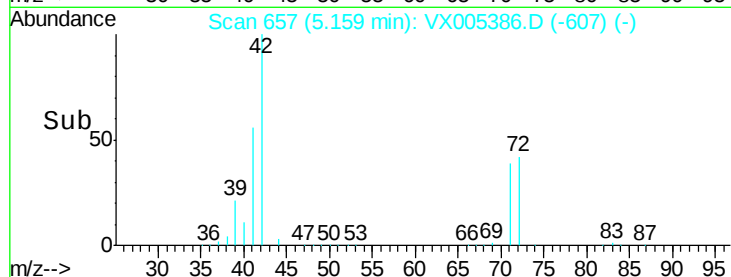
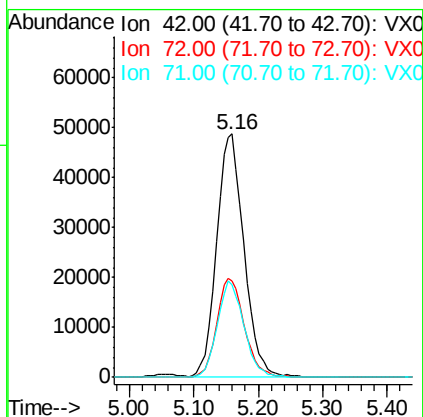
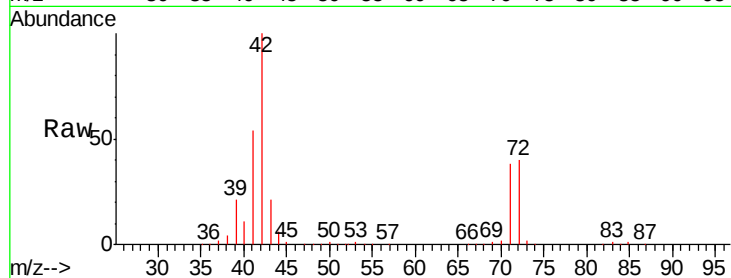




#29
Tetrahydrofuran
Concen: 95.70 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

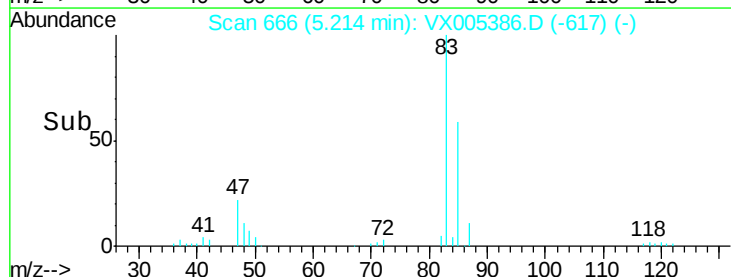
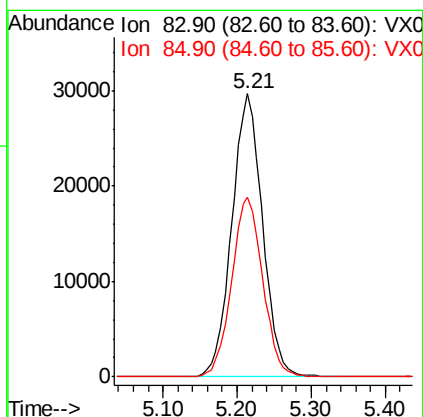
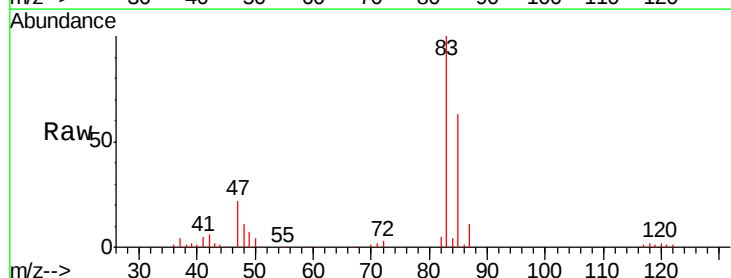
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

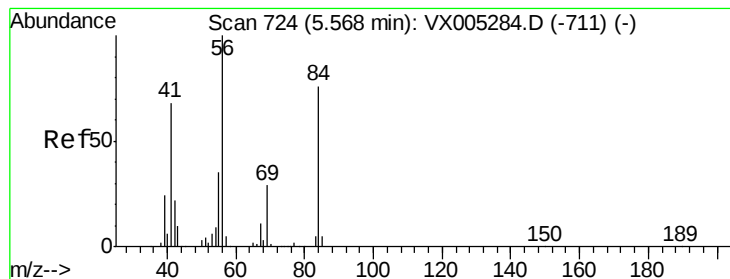
Tgt Ion: 42 Resp: 145019
Ion Ratio Lower Upper
42 100
72 41.5 37.4 56.0
71 38.7 34.5 51.7



#30
Chloroform
Concen: 19.73 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 83 Resp: 85785
Ion Ratio Lower Upper
83 100
85 63.3 52.6 79.0





#31

Cyclohexane

Concen: 18.76 ug/l

RT: 5.57 min Scan# 724

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

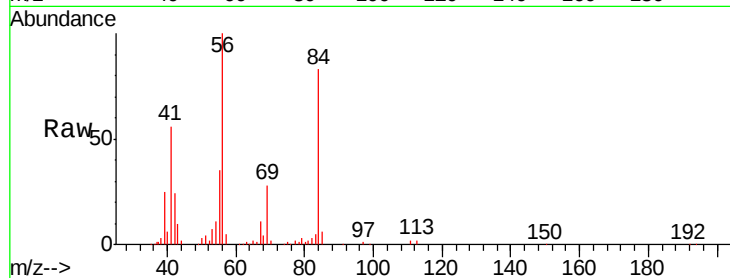
Tgt Ion: 56 Resp: 72435

Ion Ratio Lower Upper

56 100

69 28.3 25.4 38.2

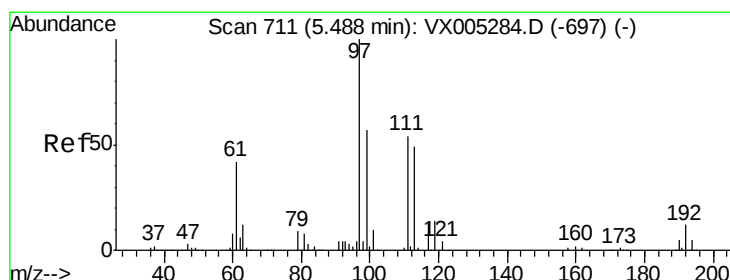
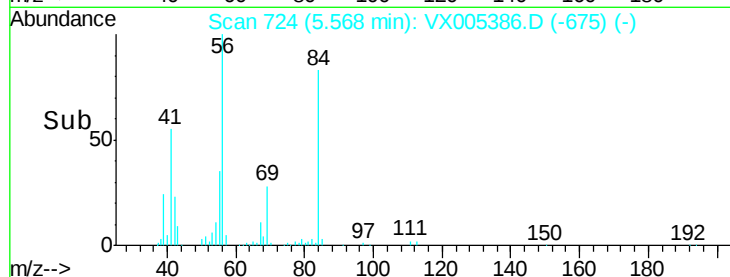
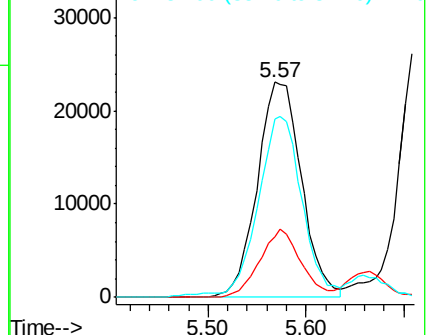
84 81.4 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.60 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

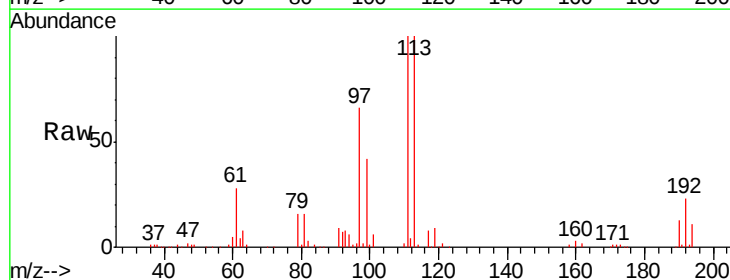
Tgt Ion: 97 Resp: 74141

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

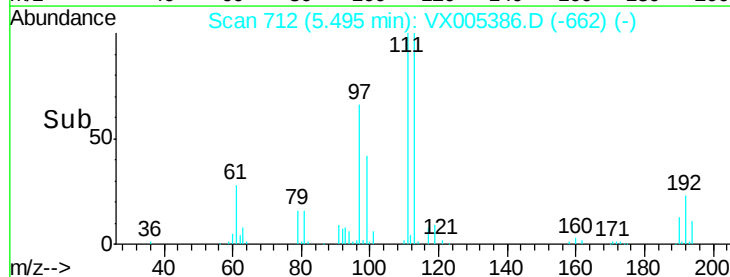
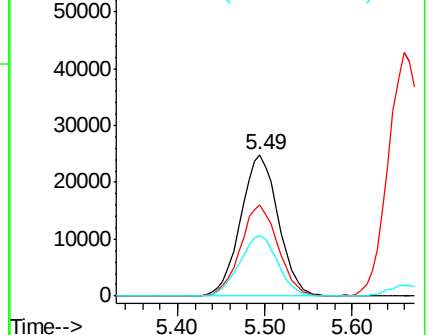
61 43.5 34.9 52.3

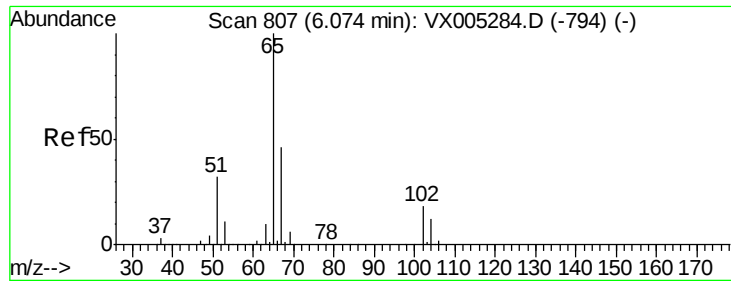


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.38 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

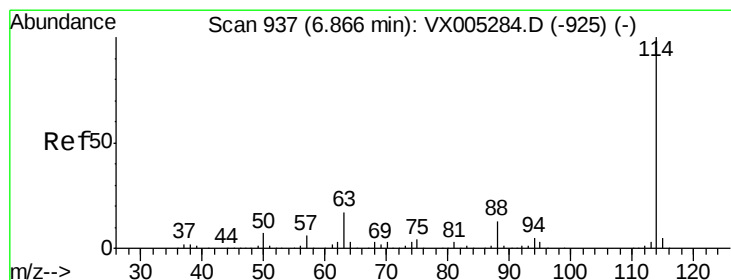
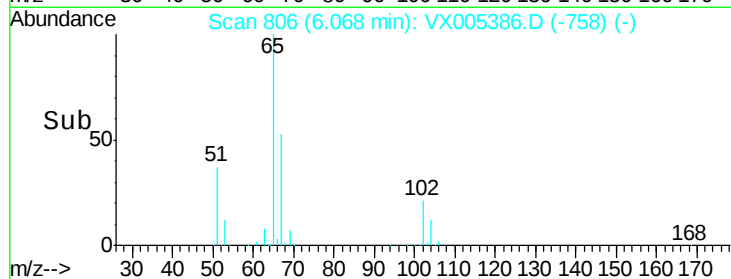
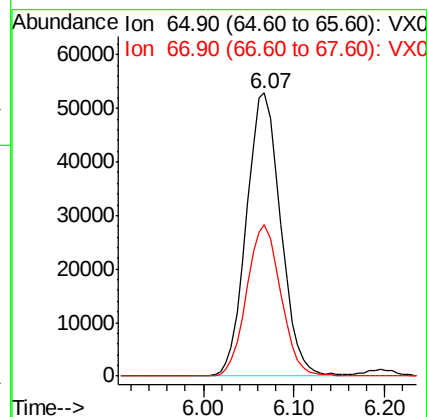
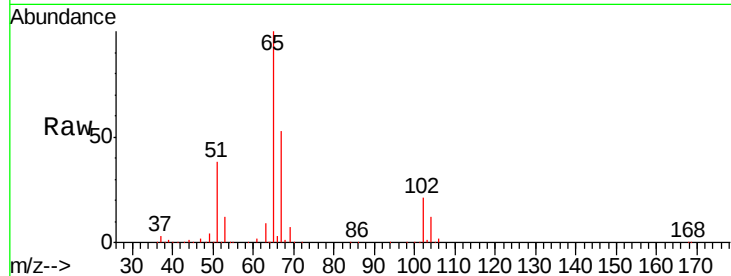
VX1017WBSD01

Tgt Ion: 65 Resp: 138666

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

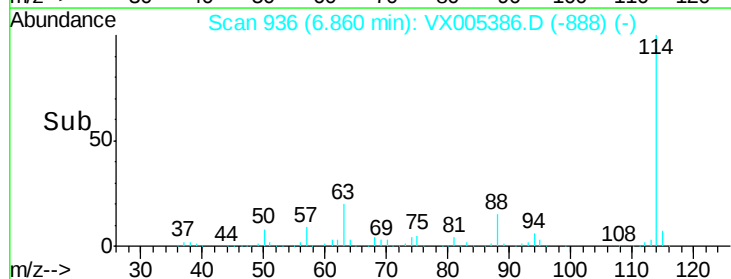
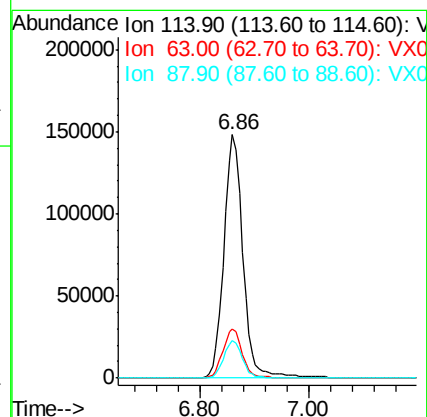
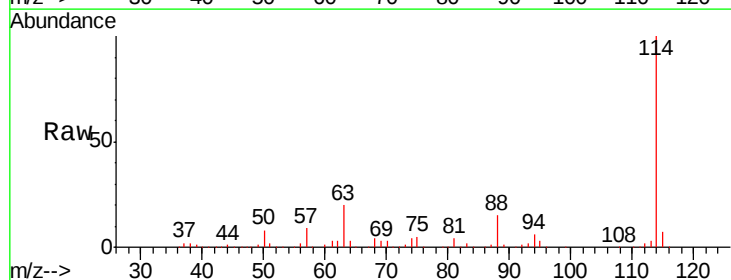
Tgt Ion: 114 Resp: 361993

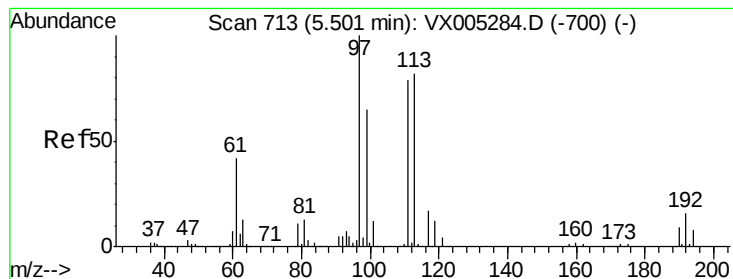
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.41 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

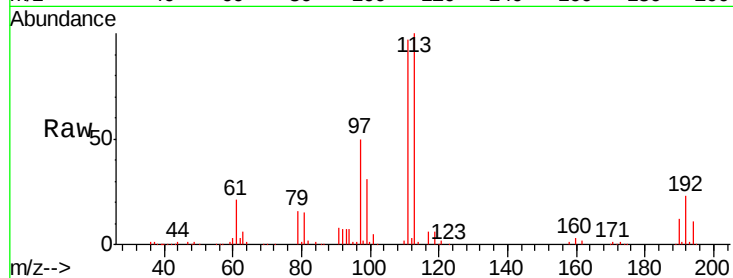
Tgt Ion:113 Resp: 113670

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

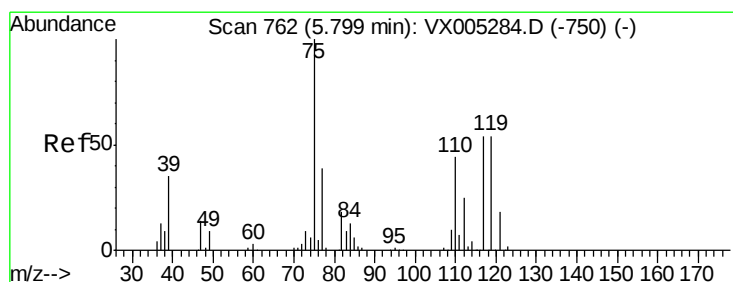
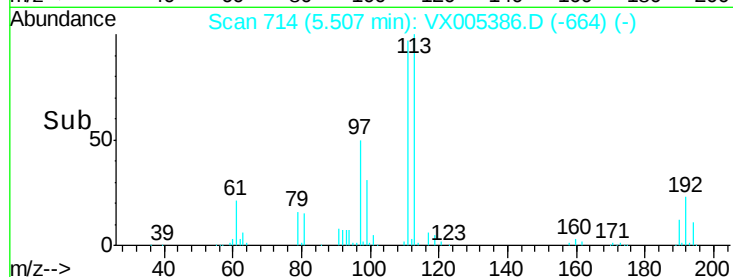
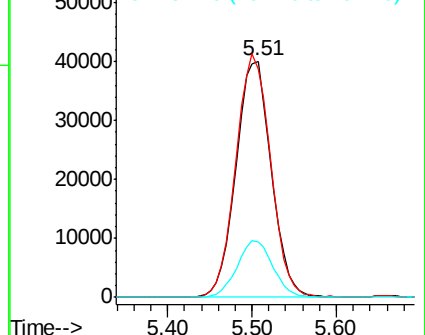
192 24.2 19.4 29.2



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: 17.51 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

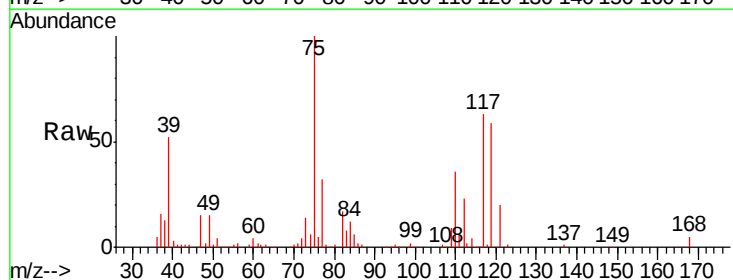
Tgt Ion: 75 Resp: 61378

Ion Ratio Lower Upper

75 100

110 36.6 18.0 54.0

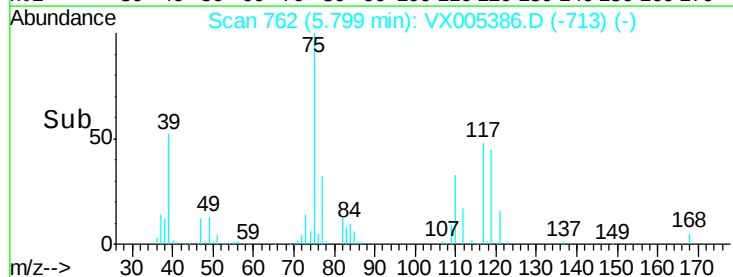
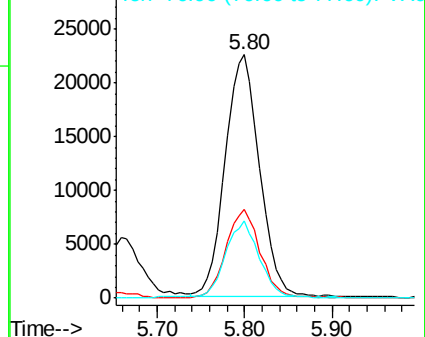
77 31.5 24.6 36.8

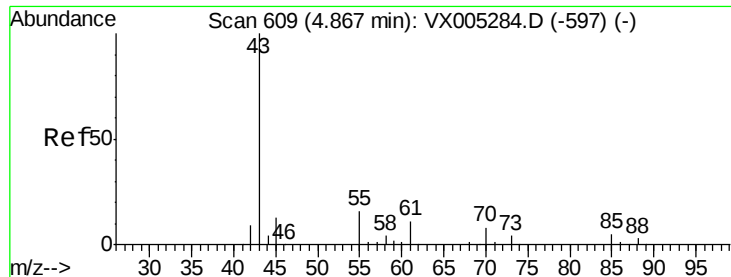


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.88 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

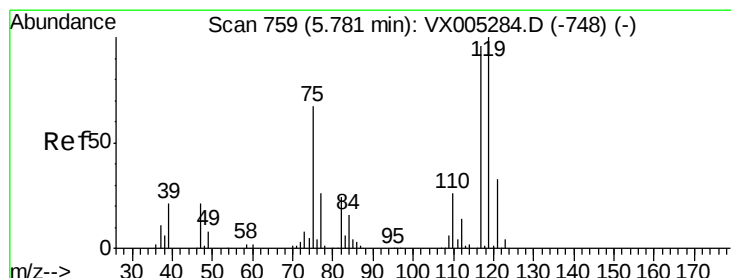
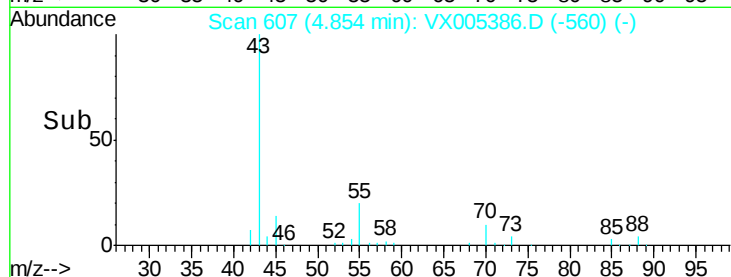
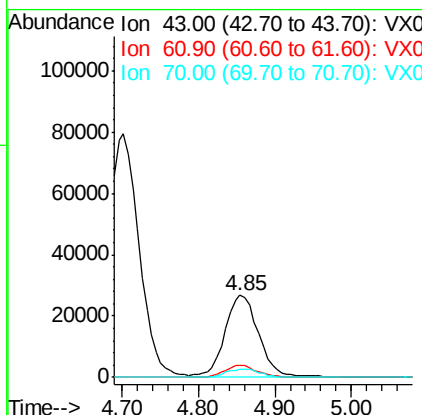
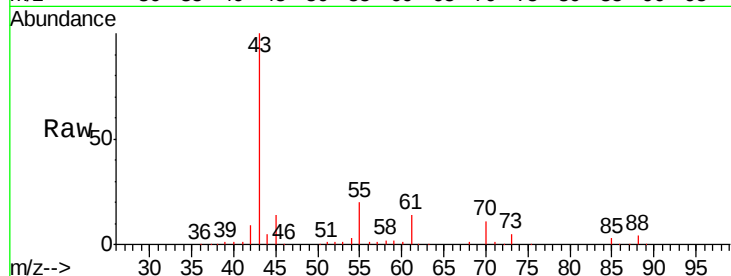
Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 43 Resp: 80616

Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	10.4	9.0	13.6



#38

Carbon Tetrachloride

Concen: 18.22 ug/l

RT: 5.78 min Scan# 759

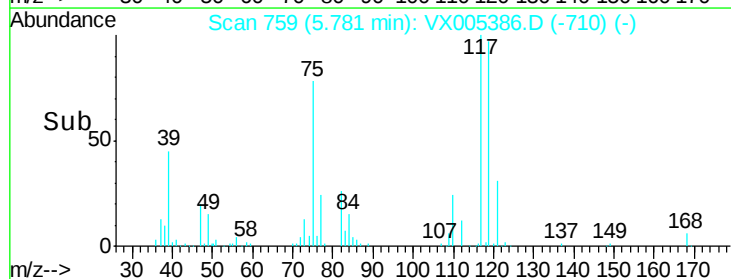
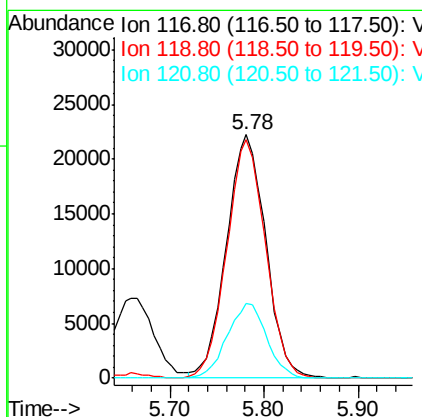
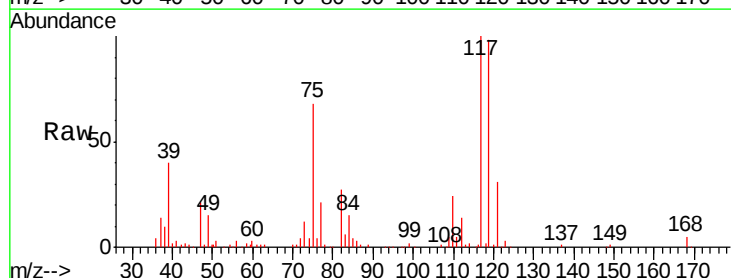
Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion: 117 Resp: 64192

Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.8	118.2
121	30.7	24.9	37.3

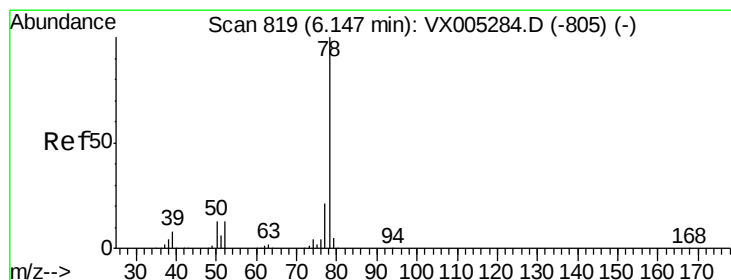
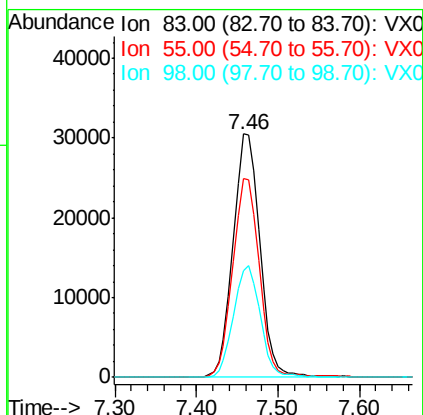
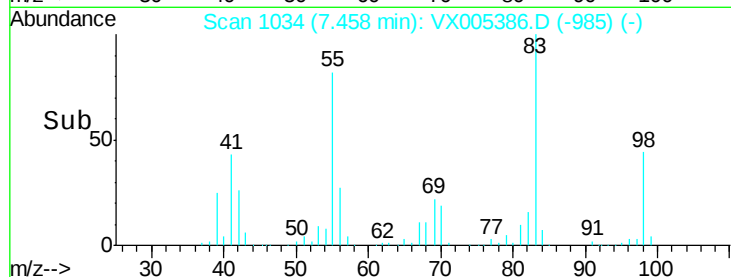
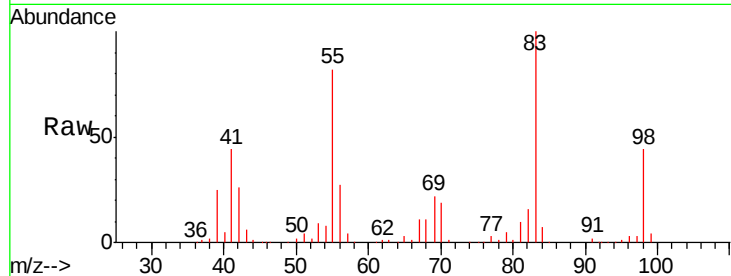




#39
Methylcyclohexane
Concen: 18.29 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

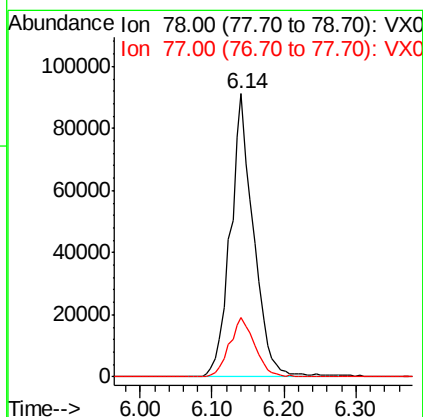
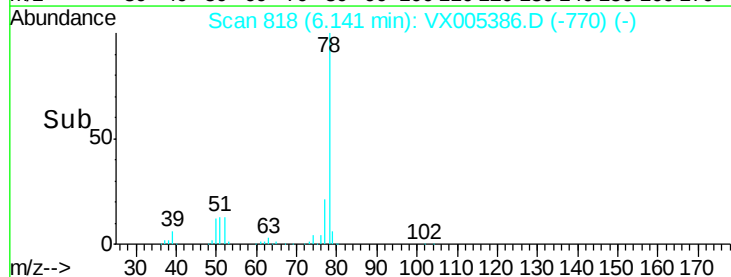
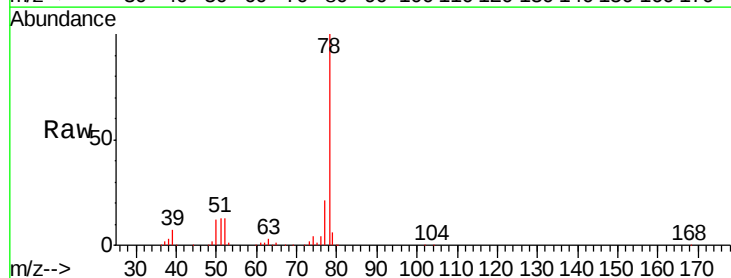
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

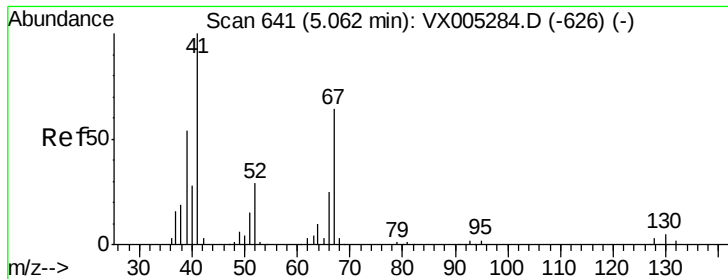
Tgt Ion: 83 Resp: 69389
Ion Ratio Lower Upper
83 100
55 81.6 61.0 91.4
98 43.8 39.6 59.4



#40
Benzene
Concen: 19.42 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 78 Resp: 204259
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.4





#41

Methacrylonitrile

Concen: 18.80 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 41 Resp: 45447

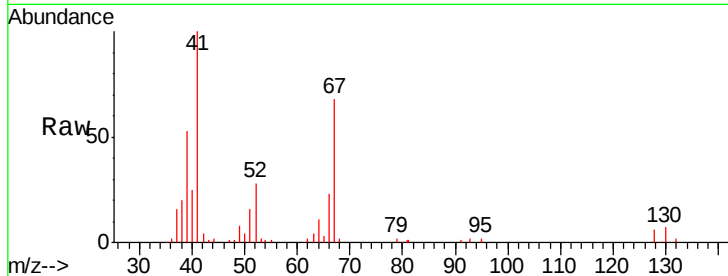
Ion Ratio Lower Upper

41 100

39 52.8 42.4 63.6

67 68.8 59.2 88.8

52 27.5 23.0 34.4

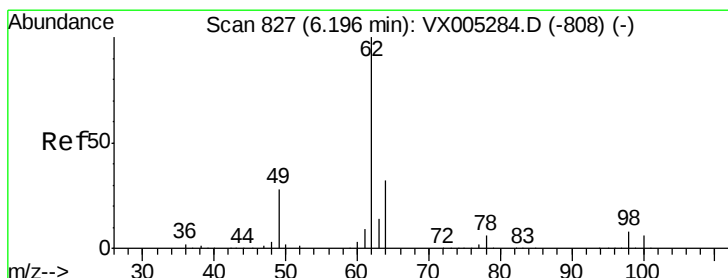
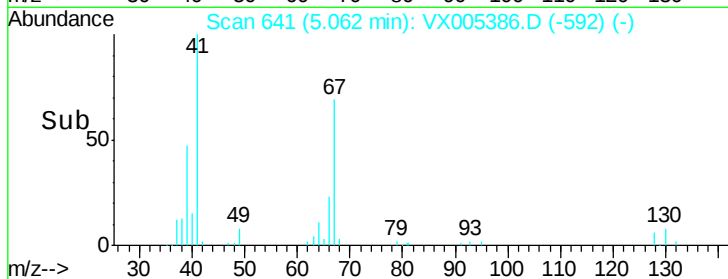
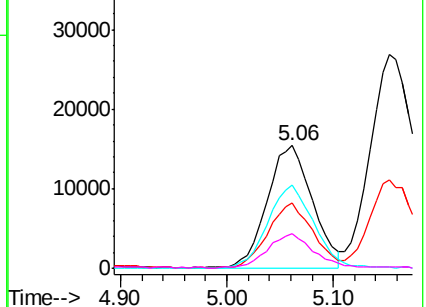


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.74 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005386.D

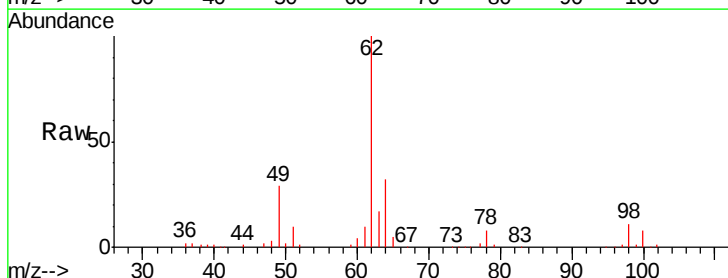
Acq: 17 Oct 2018 11:44

Tgt Ion: 62 Resp: 69574

Ion Ratio Lower Upper

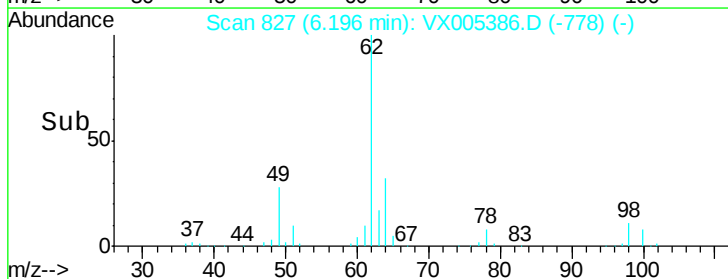
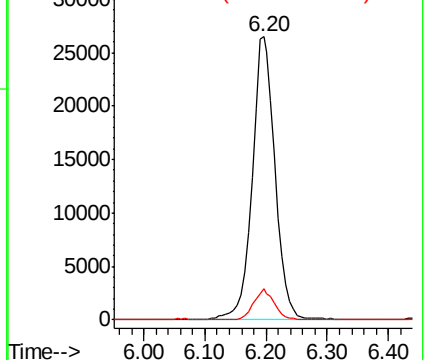
62 100

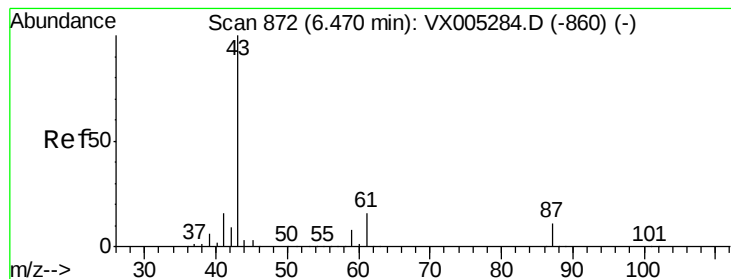
98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.84 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

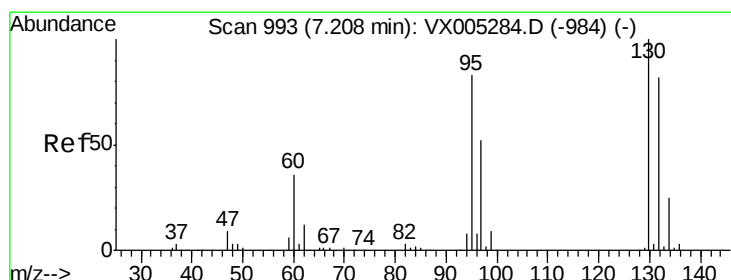
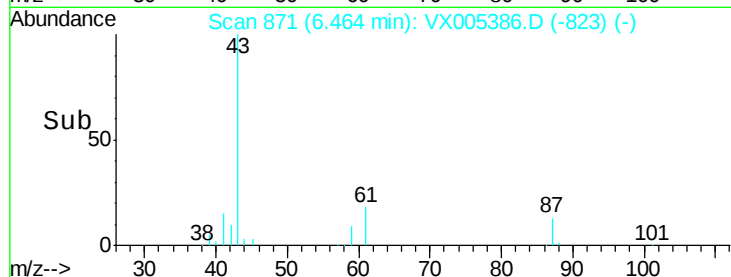
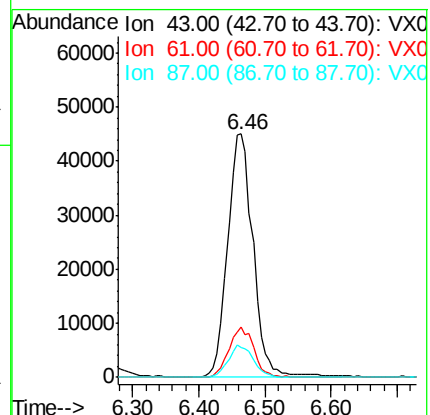
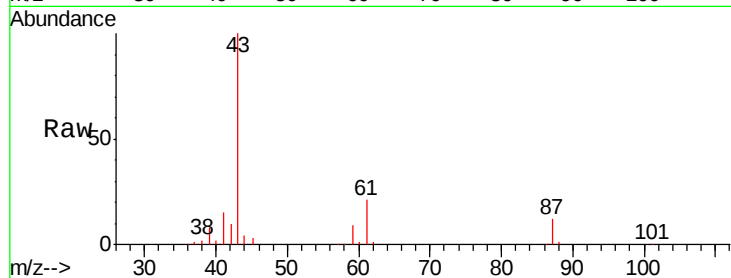
Tgt Ion: 43 Resp: 119146

Ion Ratio Lower Upper

43 100

61 20.5 17.0 25.4

87 13.4 11.4 17.2



#44

Trichloroethene

Concen: 19.60 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005386.D

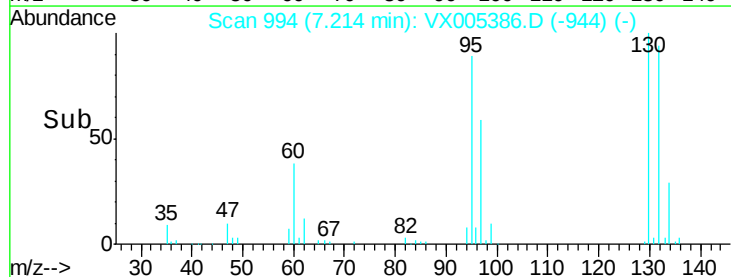
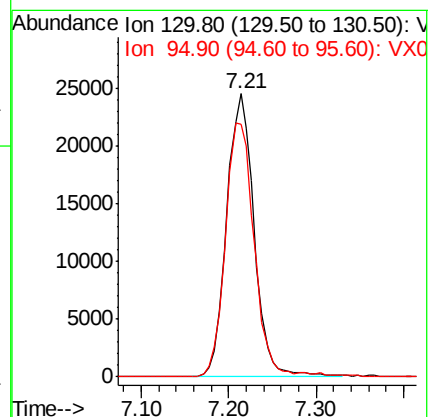
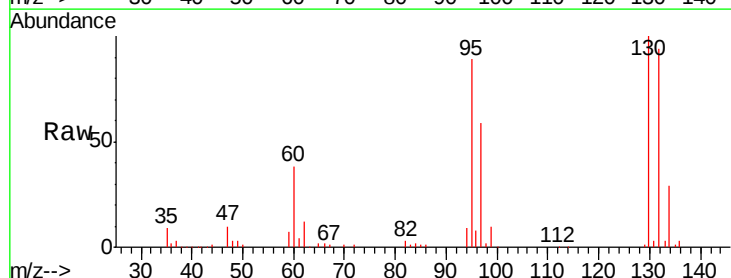
Acq: 17 Oct 2018 11:44

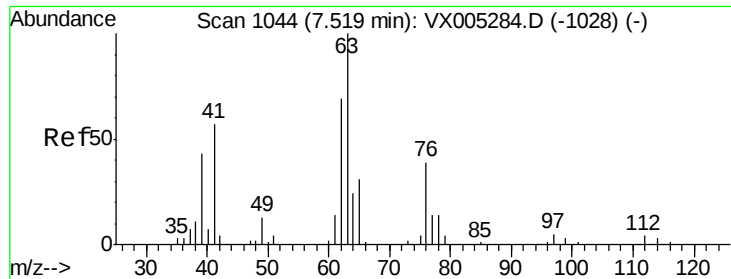
Tgt Ion: 130 Resp: 53645

Ion Ratio Lower Upper

130 100

95 89.3 0.0 181.6

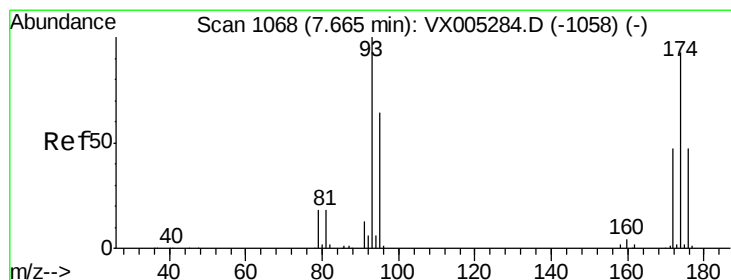
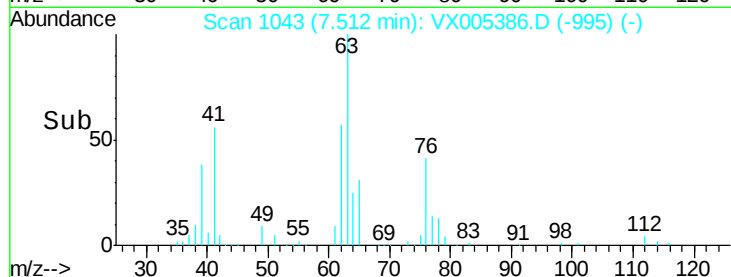
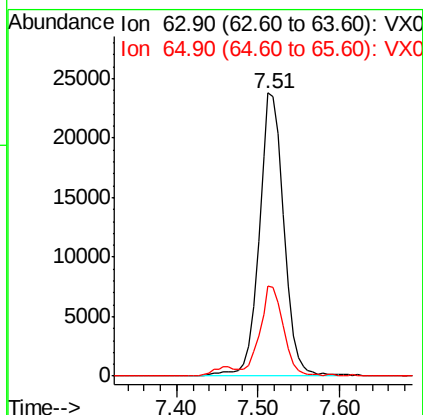
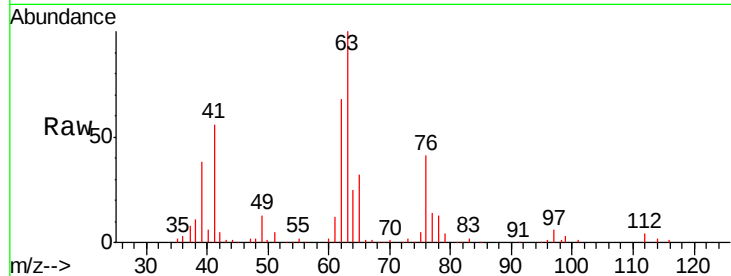




#45
 1,2-Dichloropropane
 Concen: 19.55 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

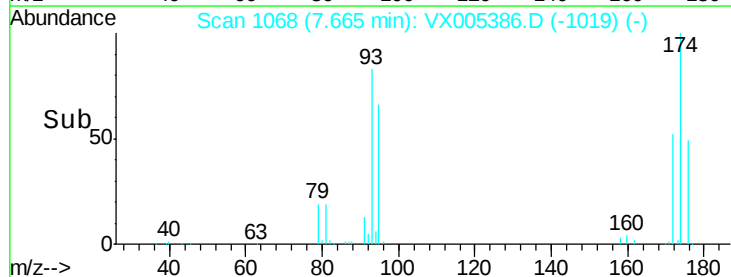
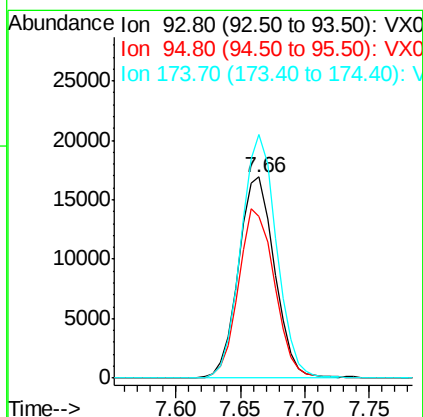
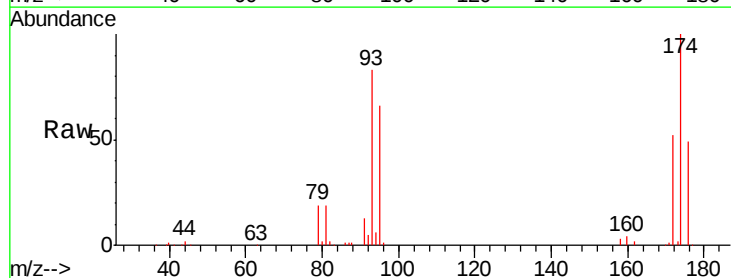
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1017WBSD01

Tgt Ion: 63 Resp: 50430
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.3 36.5



#46
 Dibromomethane
 Concen: 19.32 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion: 93 Resp: 32891
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.5 98.3
 174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 19.99 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

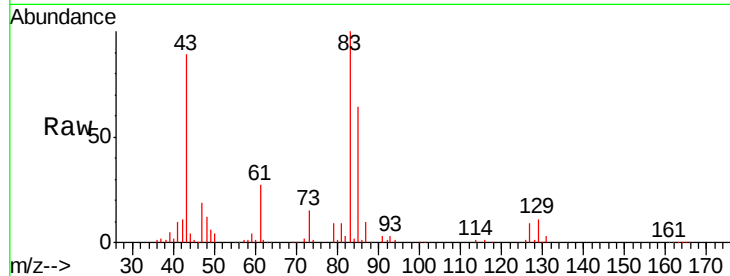
Tgt Ion: 83 Resp: 62973

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

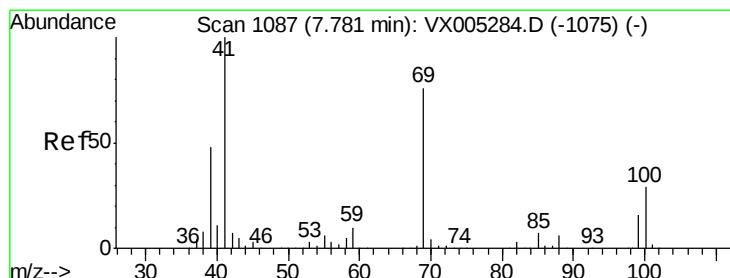
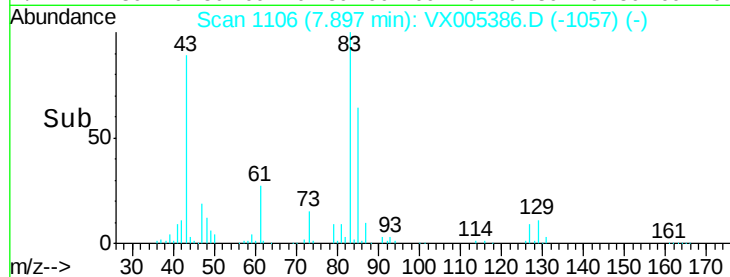
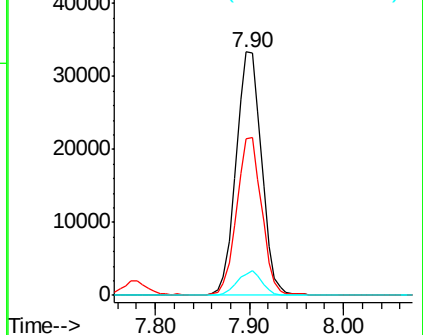
127 8.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.27 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

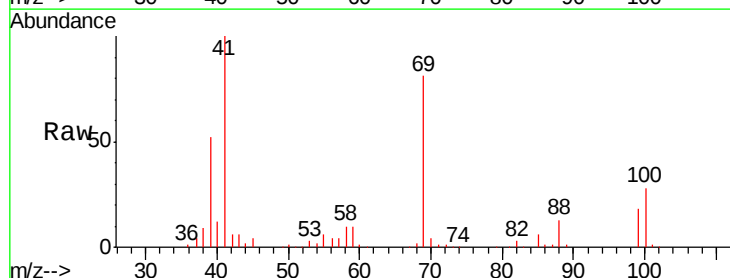
Tgt Ion: 41 Resp: 60013

Ion Ratio Lower Upper

41 100

69 83.9 70.2 105.4

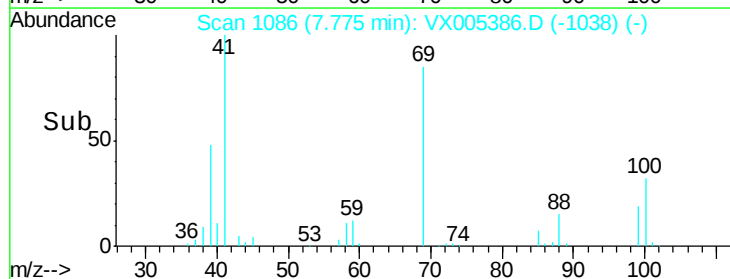
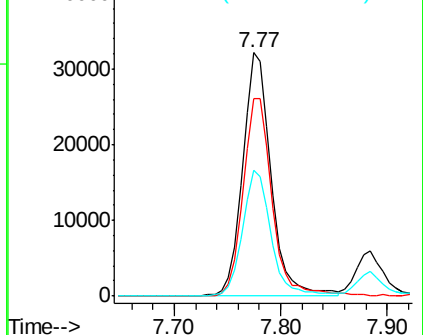
39 51.3 42.7 64.1

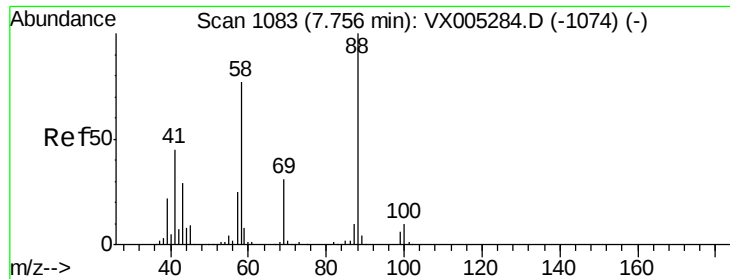


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

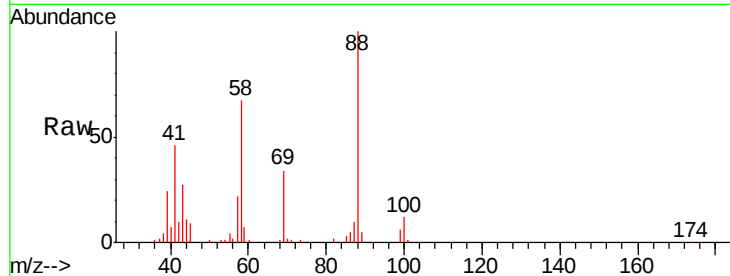




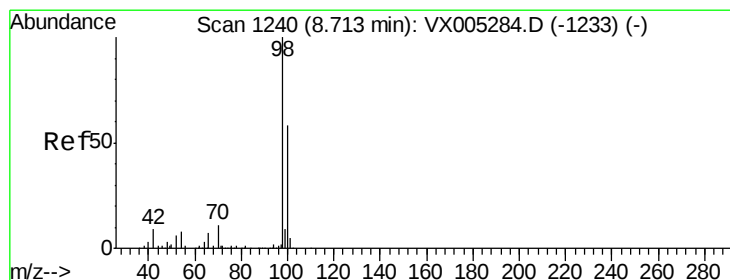
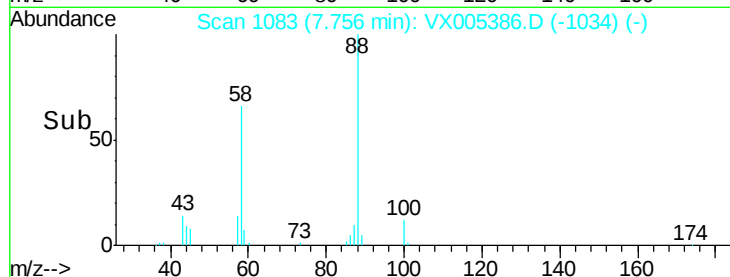
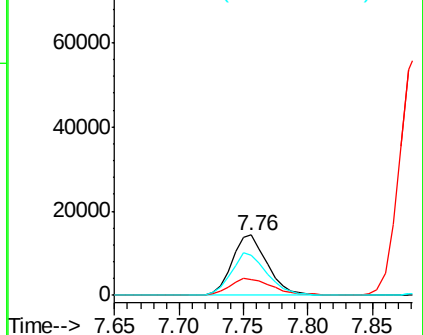
#49
 1,4-Dioxane
 Concen: 377.90 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 88 Resp: 27151
 Ion Ratio Lower Upper
 88 100
 43 35.0 24.7 37.1
 58 71.7 55.3 82.9

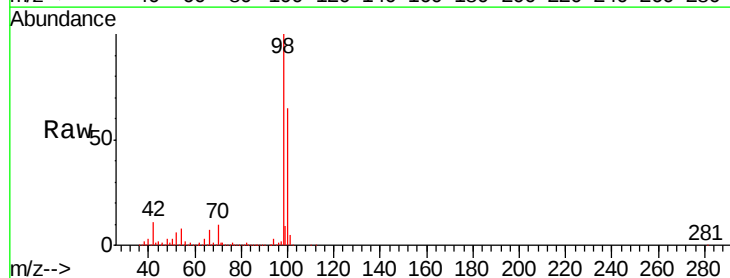


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

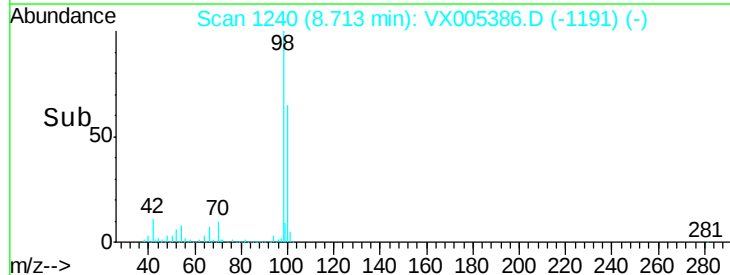
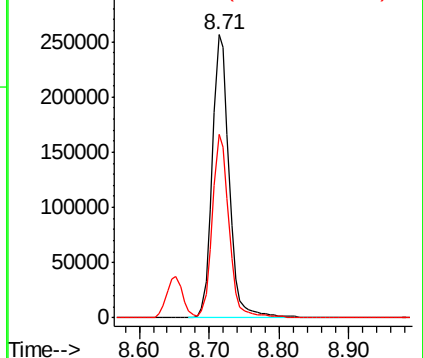


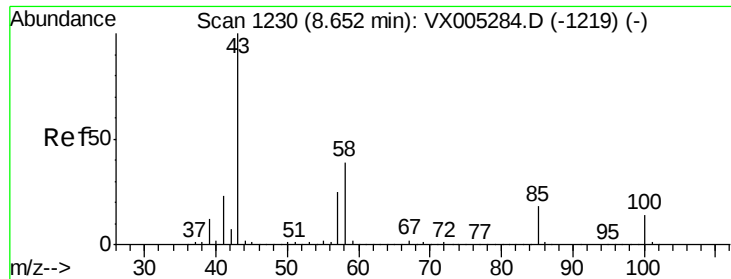
#50
 Toluene-d8
 Concen: 52.37 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion: 98 Resp: 431091
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.9 79.3



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

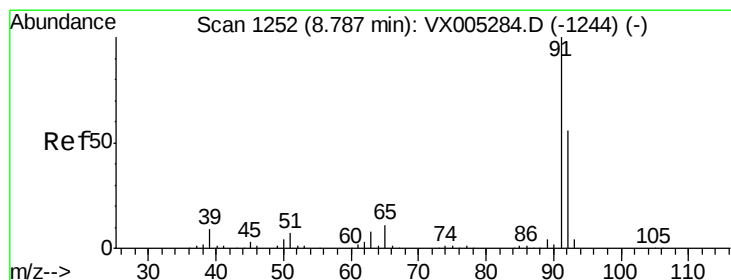
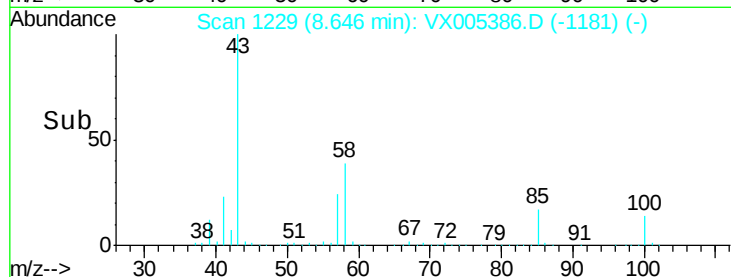
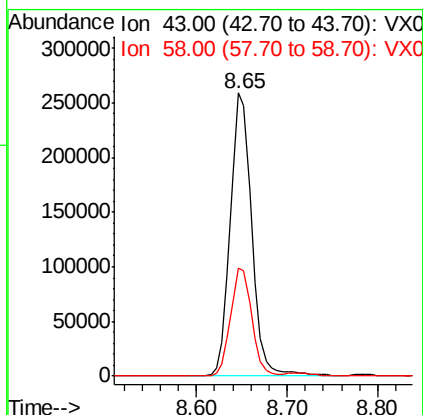
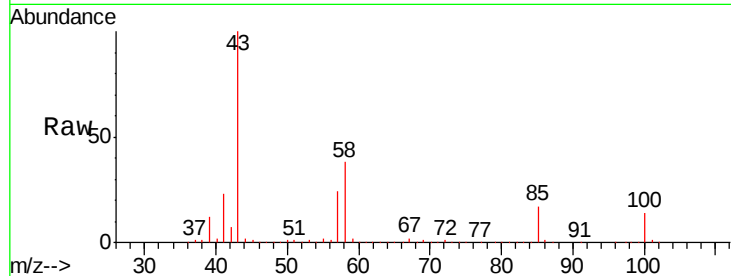




#51
 4-Methyl-2-Pentanone
 Concen: 102.59 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

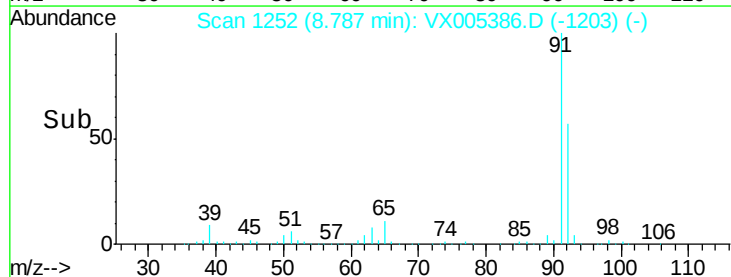
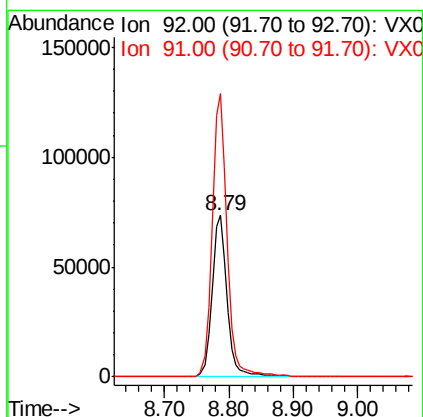
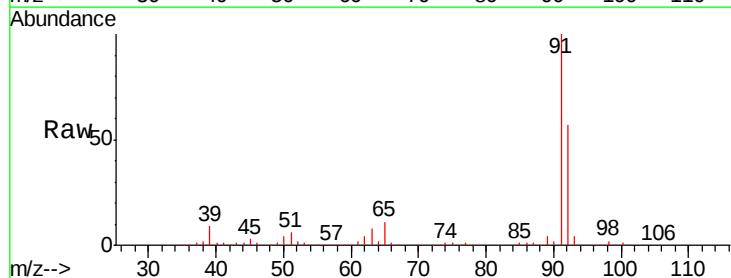
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 43 Resp: 426628
 Ion Ratio Lower Upper
 43 100
 58 37.9 33.1 49.7



#52
 Toluene
 Concen: 20.94 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion: 92 Resp: 120505
 Ion Ratio Lower Upper
 92 100
 91 174.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.85 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

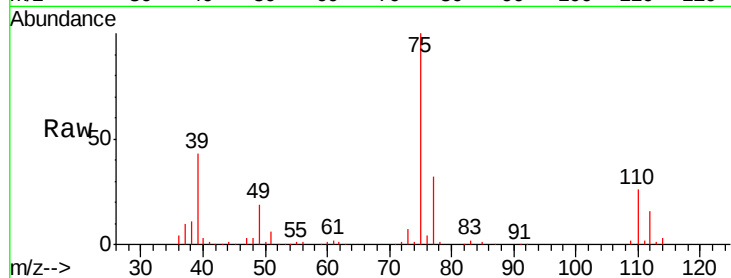
VX1017WBSD01

Tgt Ion: 75 Resp: 67654

Ion Ratio Lower Upper

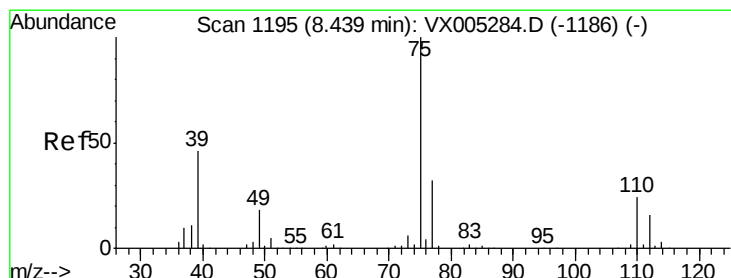
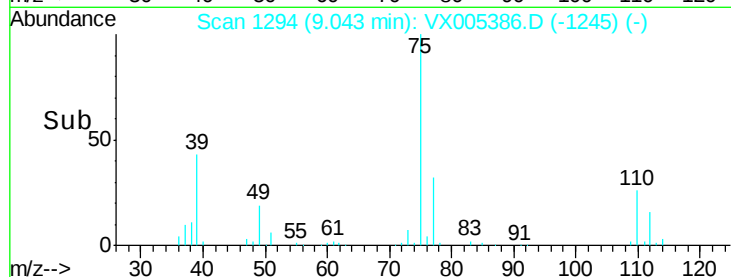
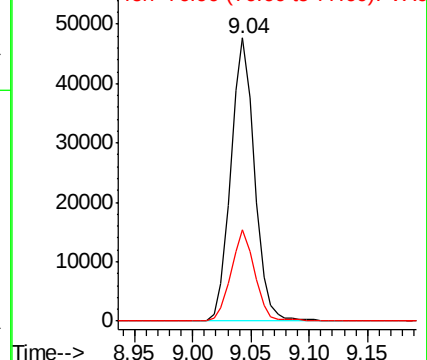
75 100

77 32.1 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: 20.45 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

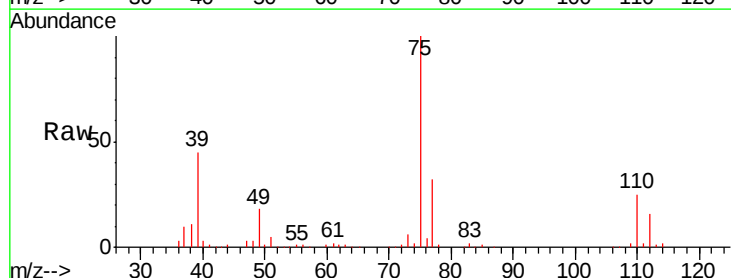
Tgt Ion: 75 Resp: 75513

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

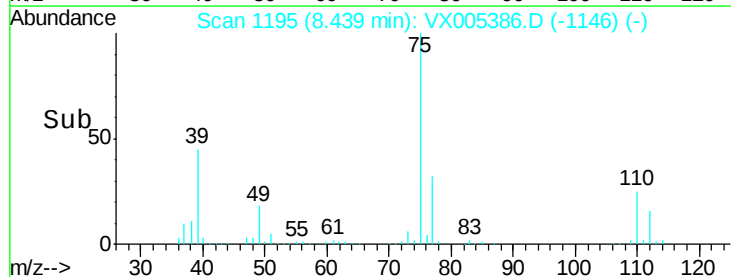
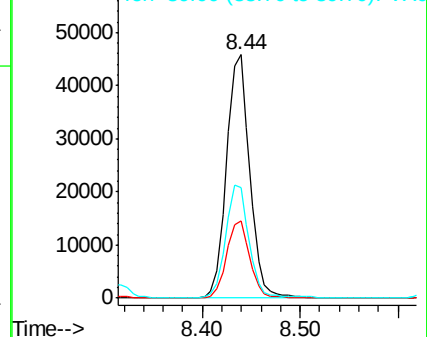
39 45.1 36.4 54.6

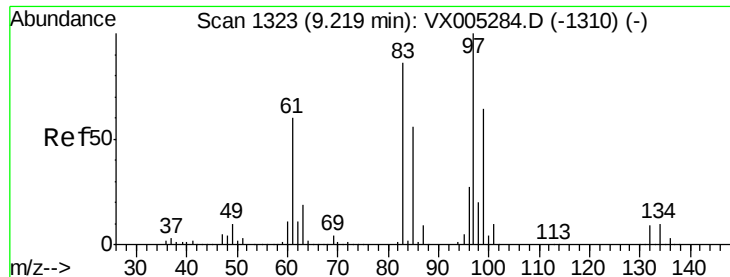


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

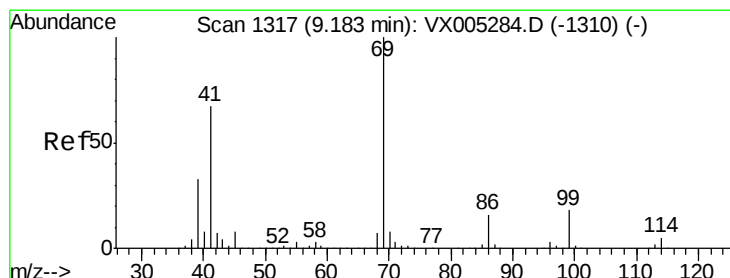
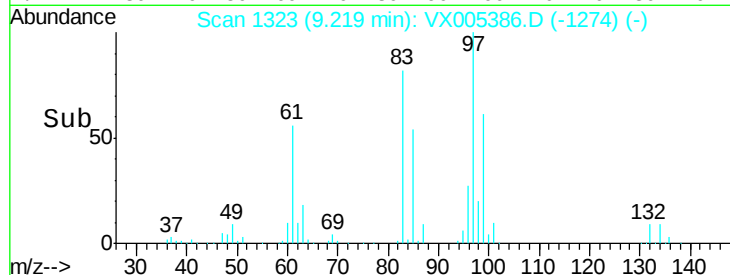
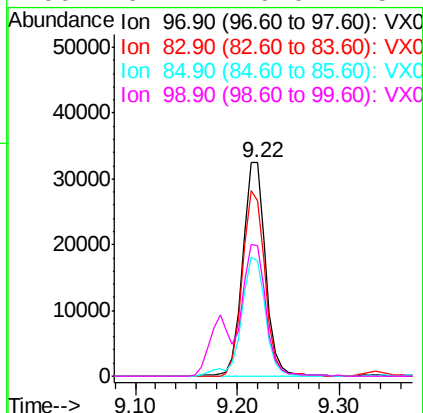
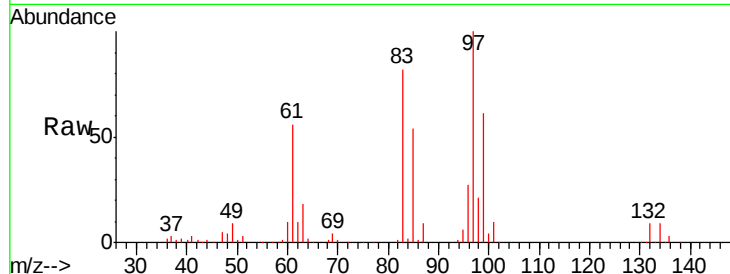




#55
 1,1,2-Trichloroethane
 Concen: 20.60 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

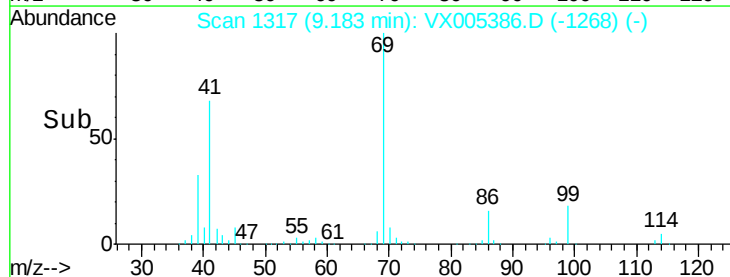
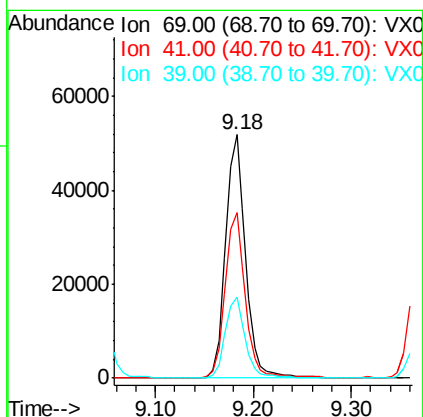
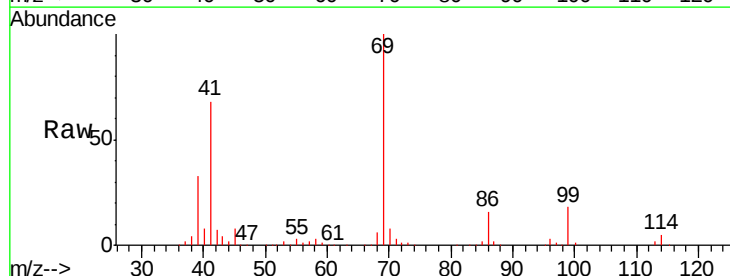
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

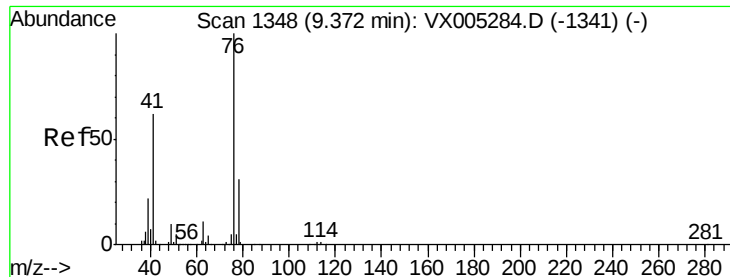
Tgt Ion:	97	Resp:	50201
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.4	99.6
85	54.1	43.3	64.9
99	61.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.63 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion:	69	Resp:	73294
Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.0	76.4
39	33.0	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.46 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

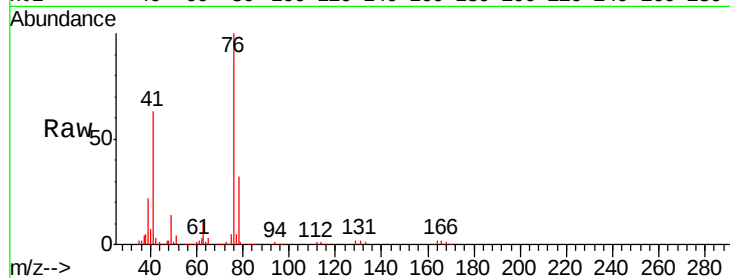
VX1017WBSD01

Tgt Ion: 76 Resp: 83215

Ion Ratio Lower Upper

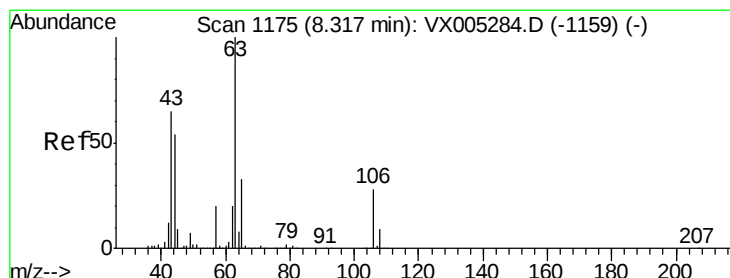
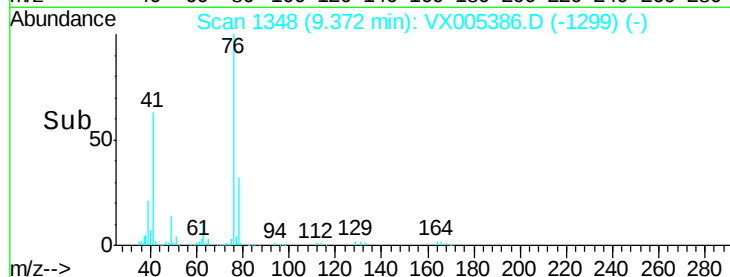
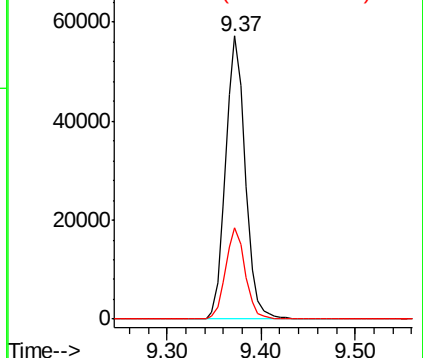
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.27 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005386.D

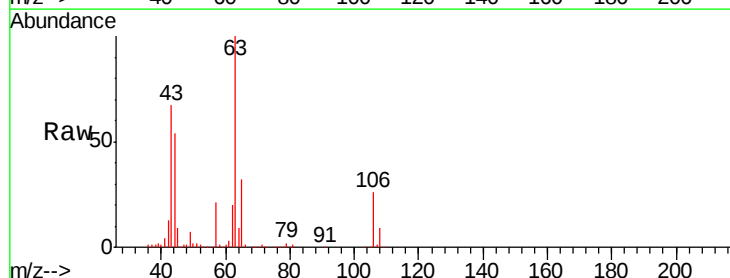
Acq: 17 Oct 2018 11:44

Tgt Ion: 63 Resp: 213728

Ion Ratio Lower Upper

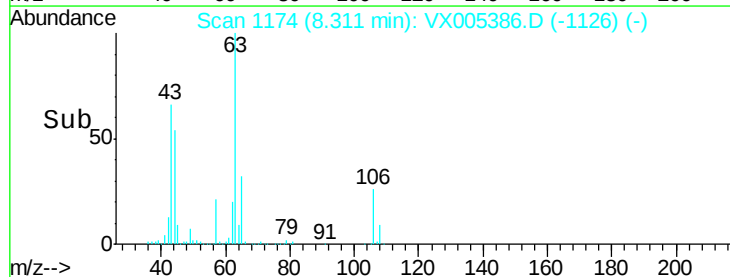
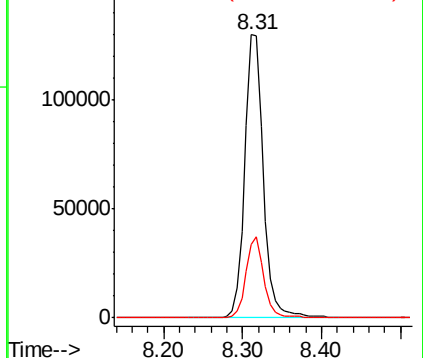
63 100

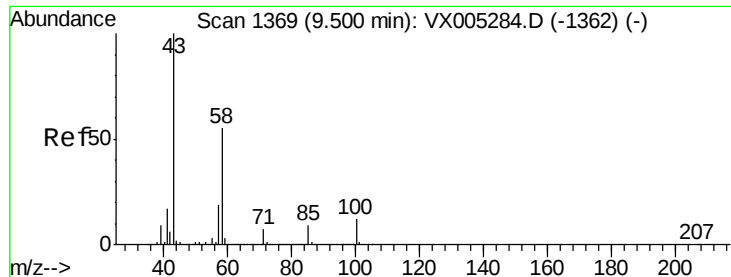
106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

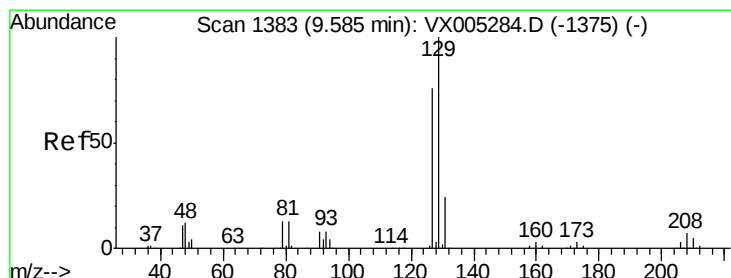
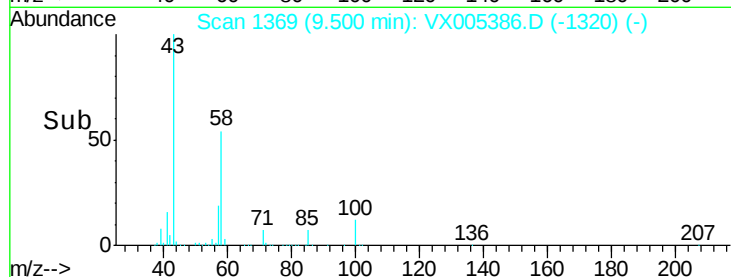
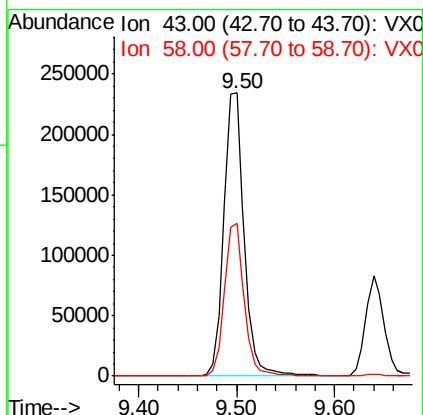
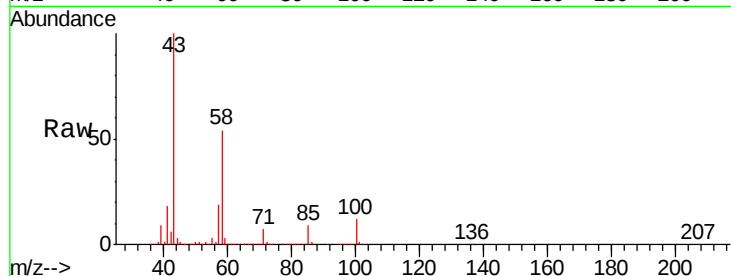




#59
2-Hexanone
Concen: 100.45 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

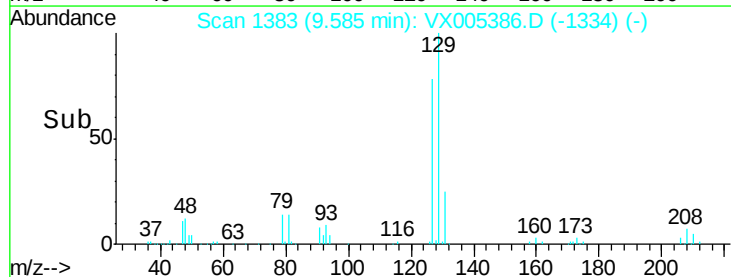
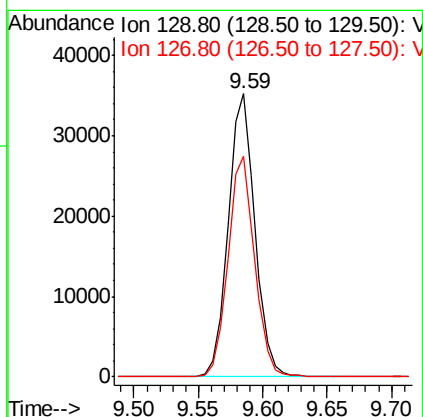
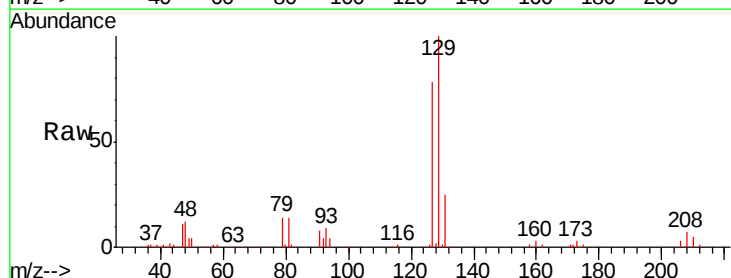
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

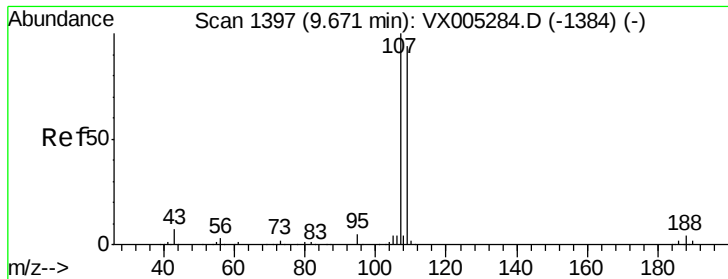
Tgt Ion: 43 Resp: 336041
Ion Ratio Lower Upper
43 100
58 53.0 29.0 87.0



#60
Dibromochloromethane
Concen: 20.27 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 129 Resp: 51063
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.48 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

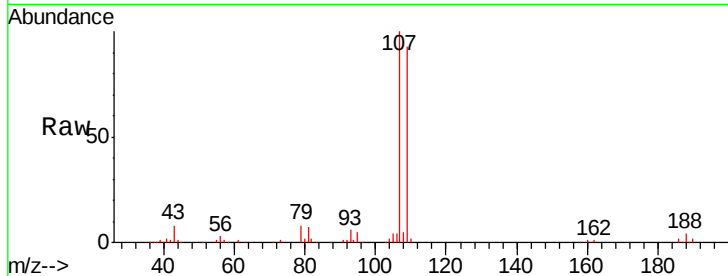
VX1017WBSD01

Tgt Ion: 107 Resp: 52373

Ion Ratio Lower Upper

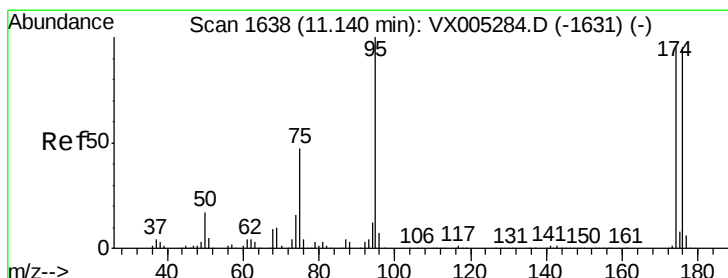
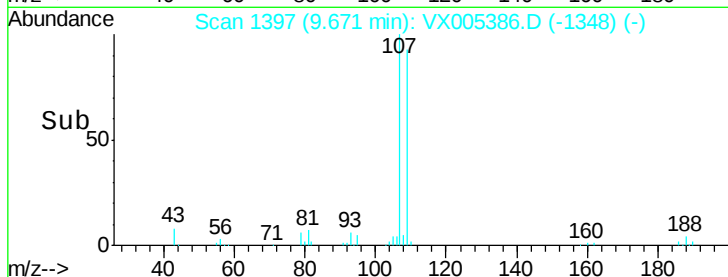
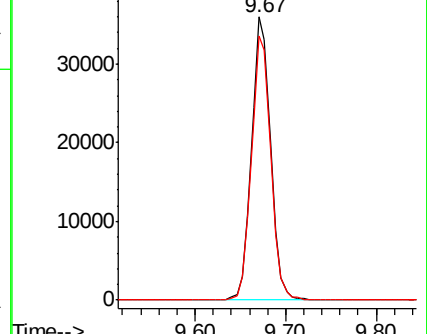
107 100

109 94.6 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: 52.27 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

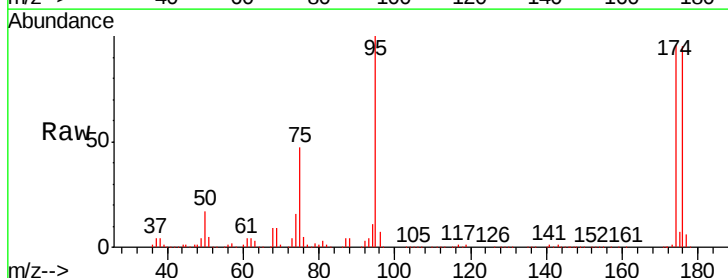
Tgt Ion: 95 Resp: 161616

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

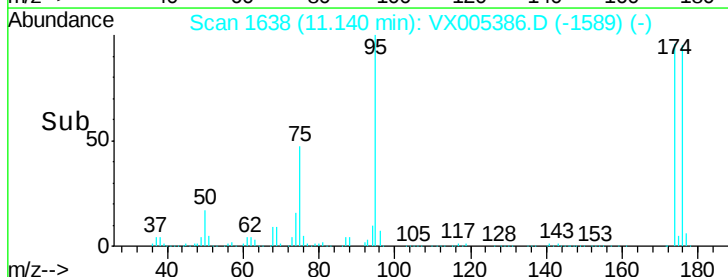
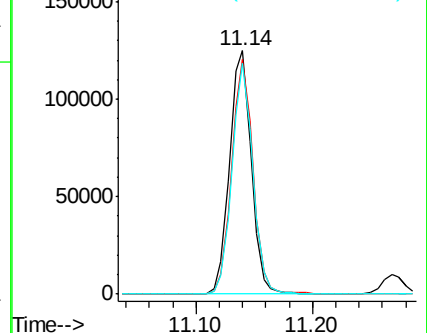
176 91.3 0.0 178.6



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

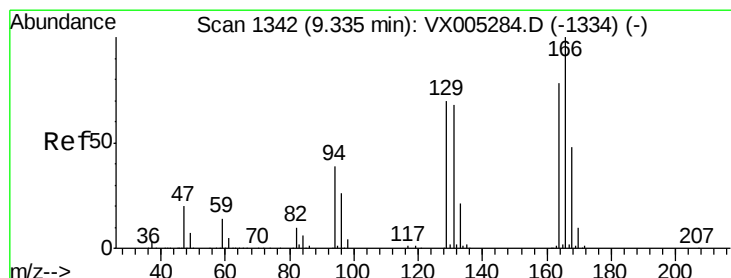
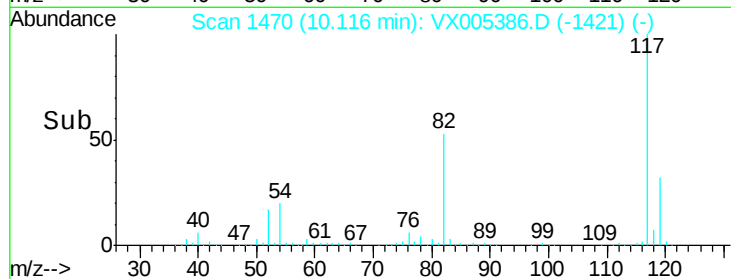
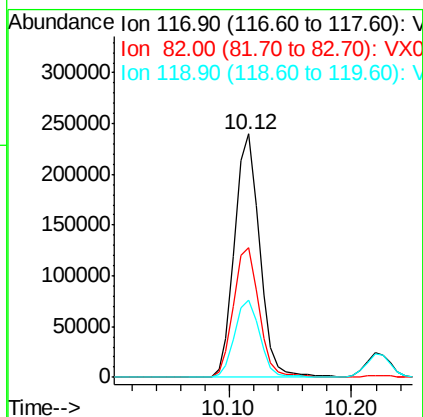
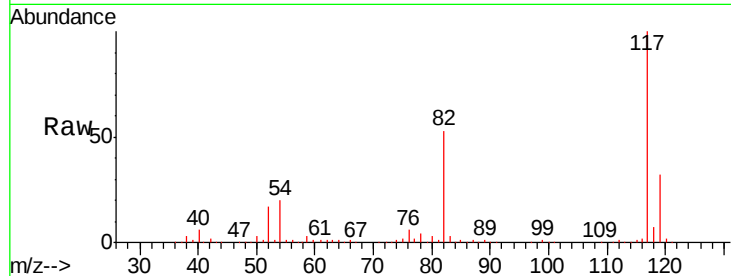




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

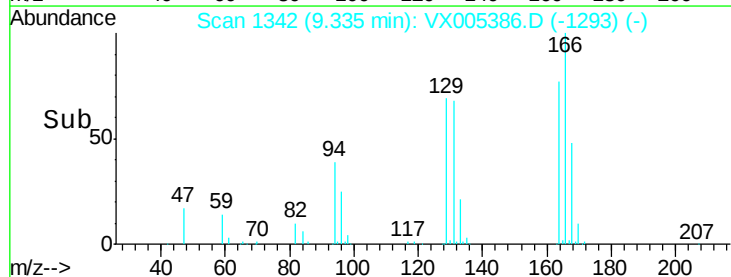
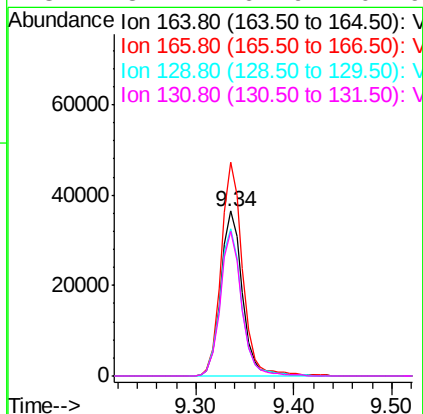
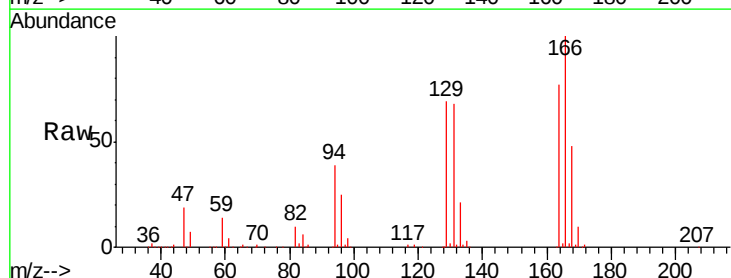
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

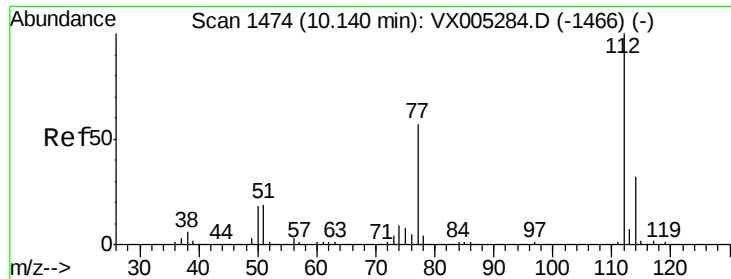
Tgt Ion:117 Resp: 340317
Ion Ratio Lower Upper
117 100
82 53.4 47.8 71.6
119 31.8 29.3 43.9



#64
Tetrachloroethene
Concen: 20.52 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion:164 Resp: 56212
Ion Ratio Lower Upper
164 100
166 129.8 102.8 154.2
129 89.3 69.4 104.0
131 87.7 67.9 101.9

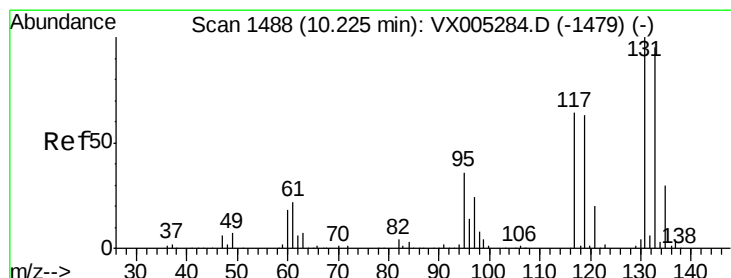
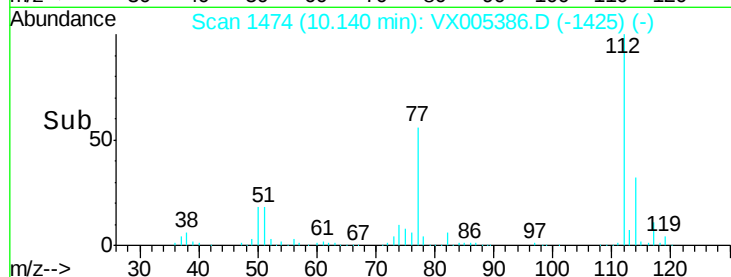
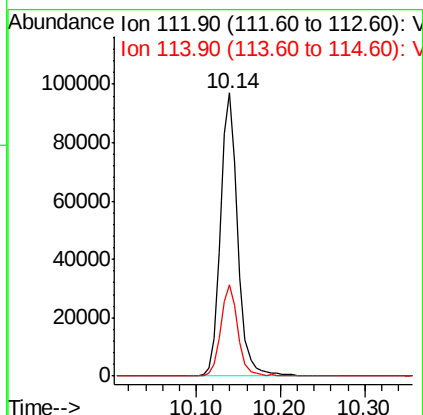
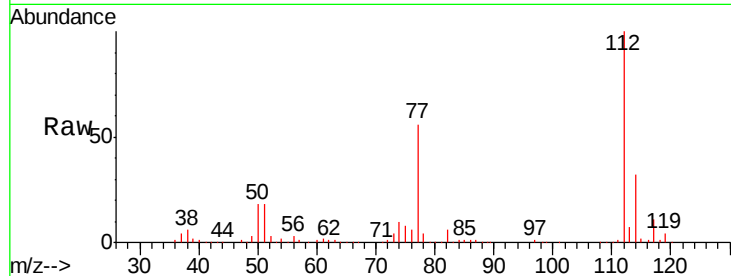




#65
Chlorobenzene
Concen: 18.92 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

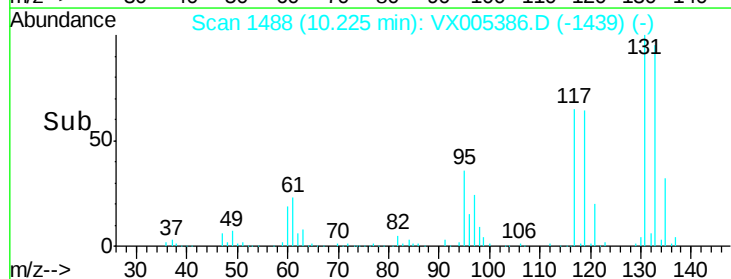
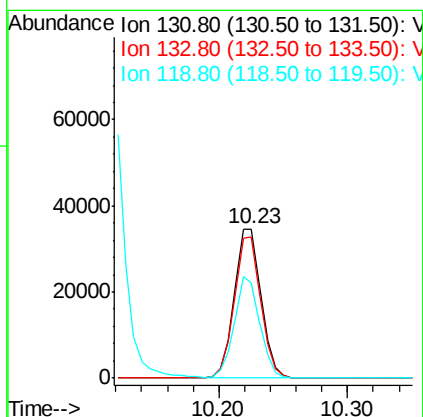
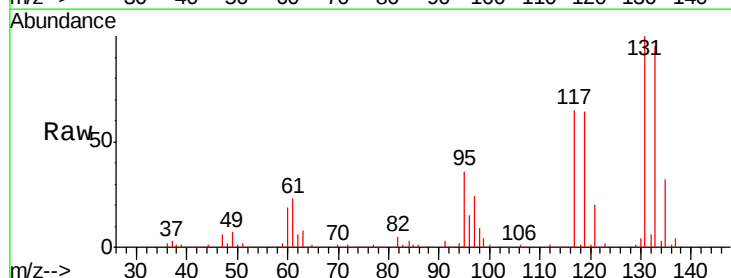
Instrument :
MSVOA_X
ClientSampled :
VX1017WBSD01

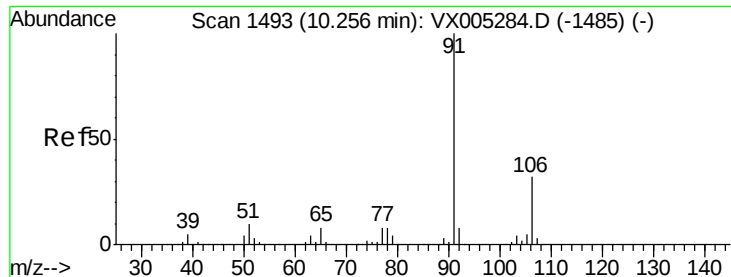
Tgt Ion:112 Resp: 136973
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.49 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion:131 Resp: 50280
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.4
119 65.4 32.9 98.6





#67

Ethyl Benzene

Concen: 19.07 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

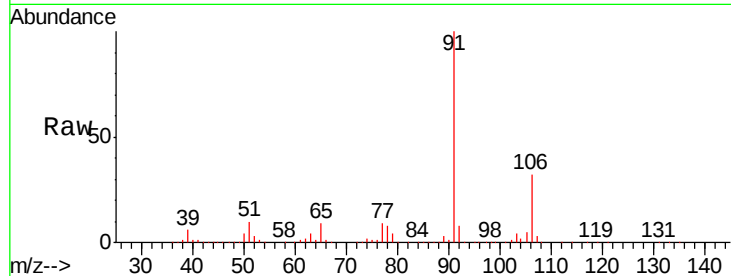
VX1017WBSD01

Tgt Ion: 91 Resp: 224422

Ion Ratio Lower Upper

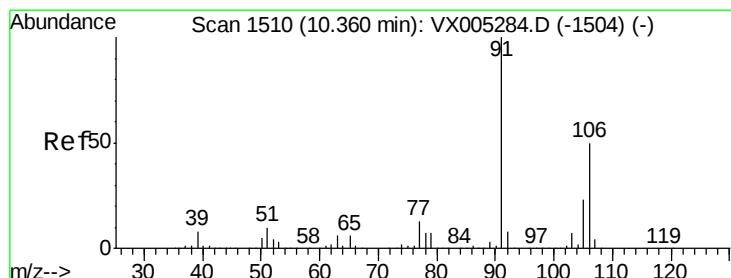
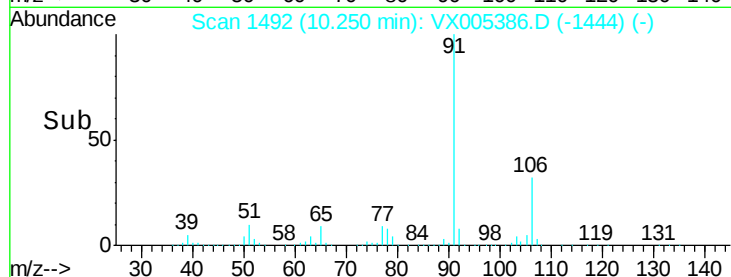
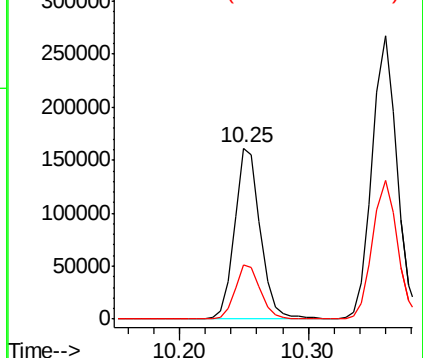
91 100

106 31.5 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: 38.82 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005386.D

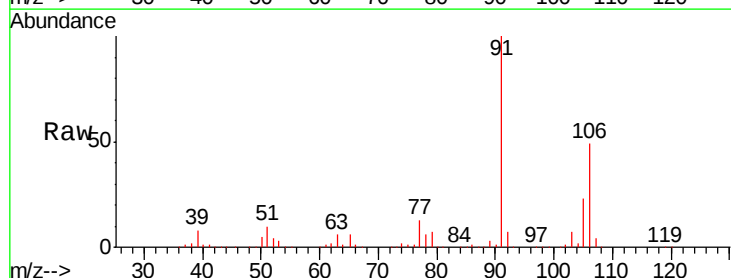
Acq: 17 Oct 2018 11:44

Tgt Ion: 106 Resp: 177300

Ion Ratio Lower Upper

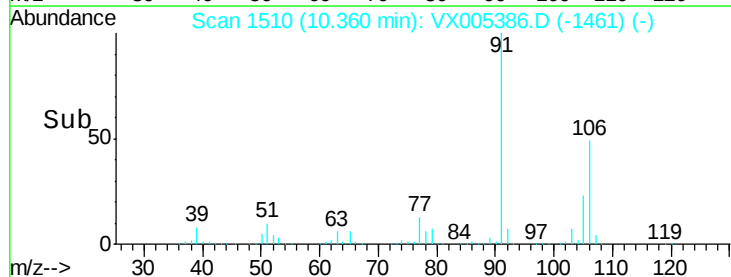
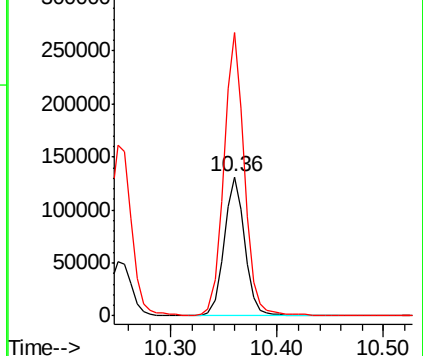
106 100

91 203.3 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

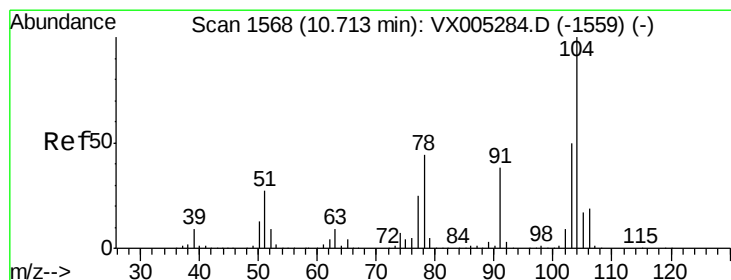
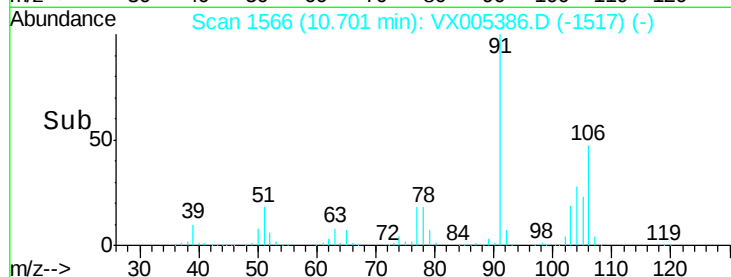
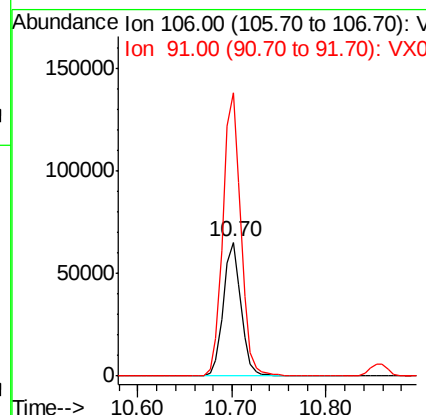
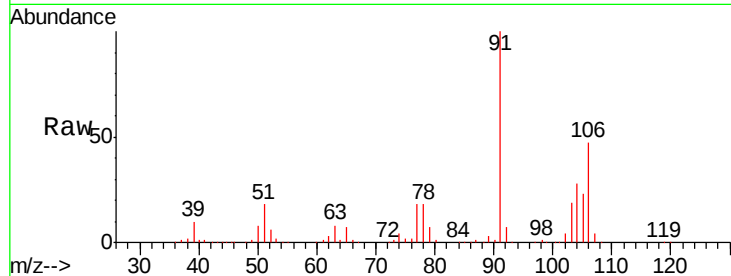




#69
o-Xylene
Concen: 19.28 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

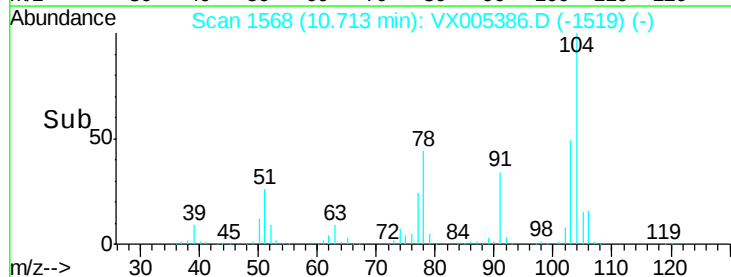
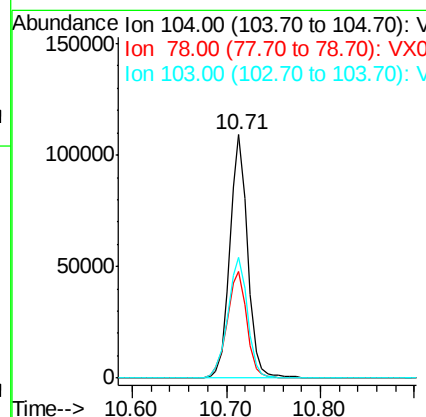
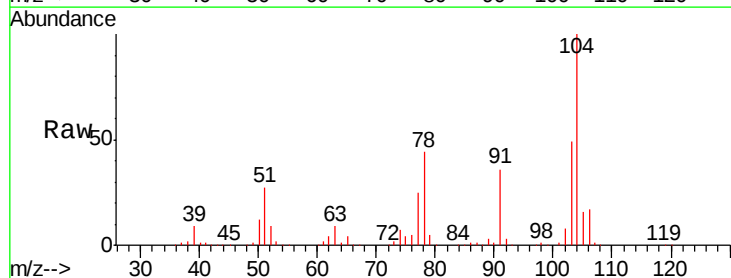
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

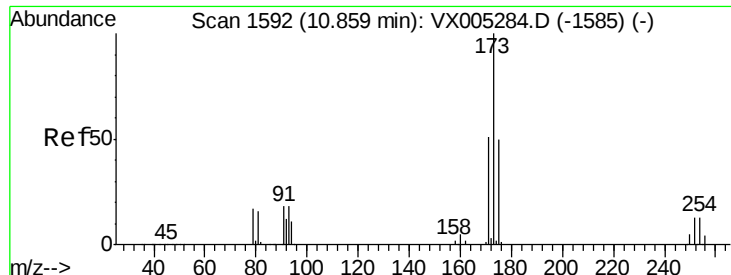
Tgt Ion:106 Resp: 84912
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1



#70
Styrene
Concen: 19.72 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion:104 Resp: 142908
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 18.46 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

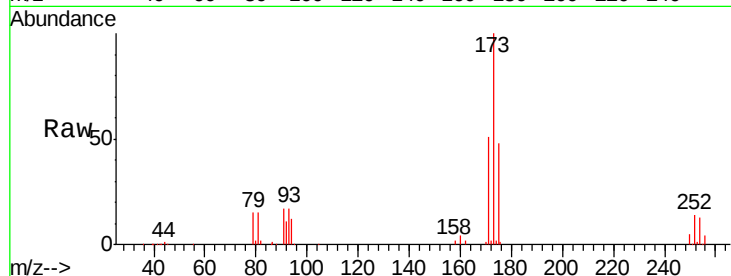
Tgt Ion:173 Resp: 42556

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

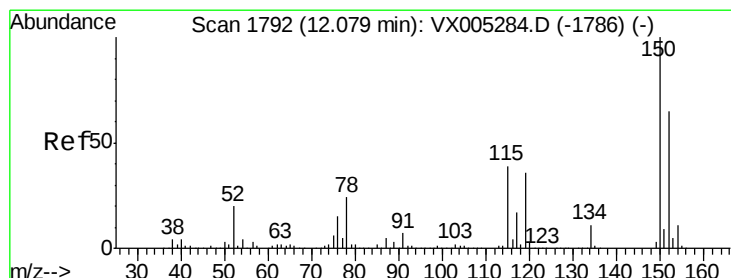
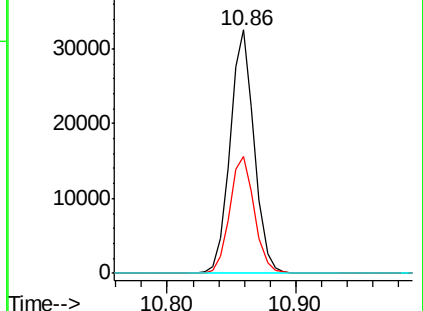
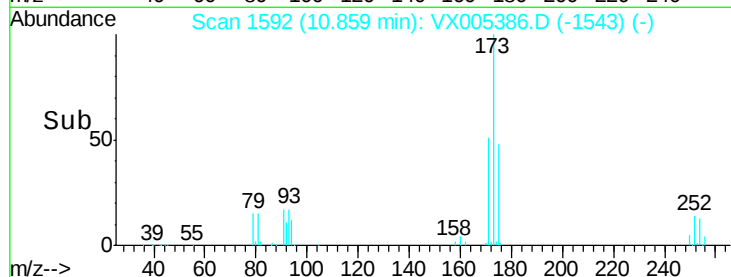
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

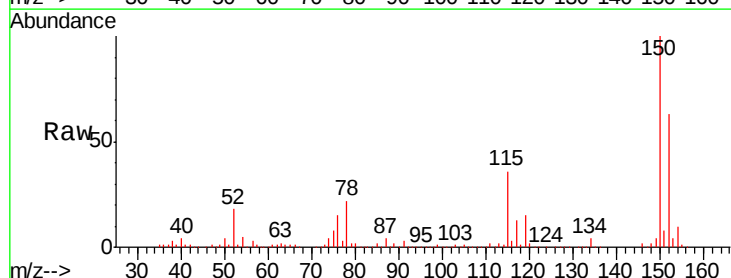
Tgt Ion:152 Resp: 192677

Ion Ratio Lower Upper

152 100

115 64.1 39.0 117.0

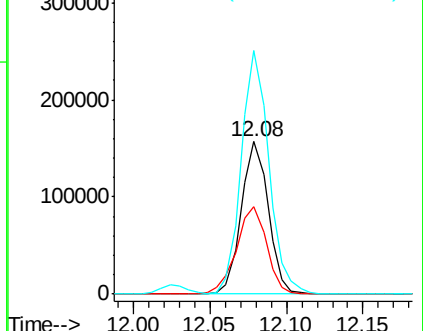
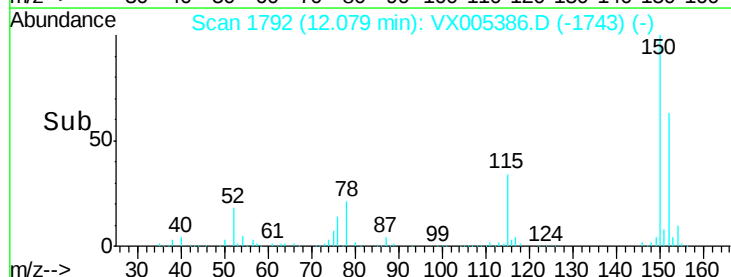
150 163.7 0.0 351.0

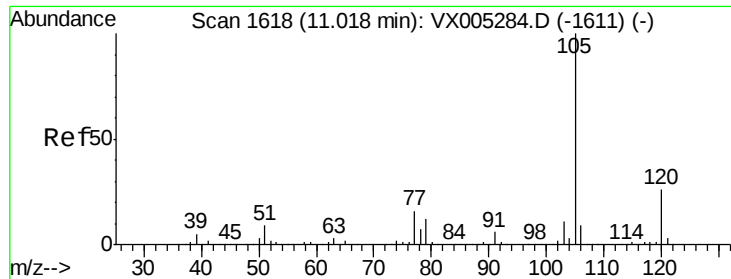


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.37 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

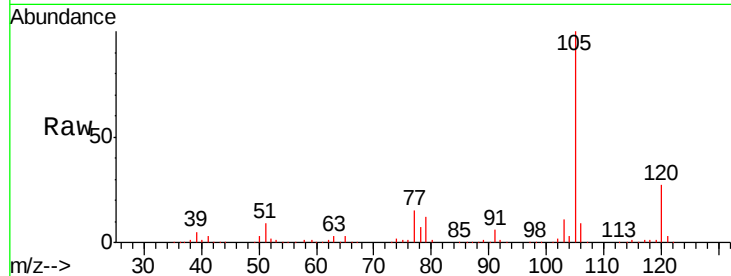
VX1017WBSD01

Tgt Ion: 105 Resp: 233297

Ion Ratio Lower Upper

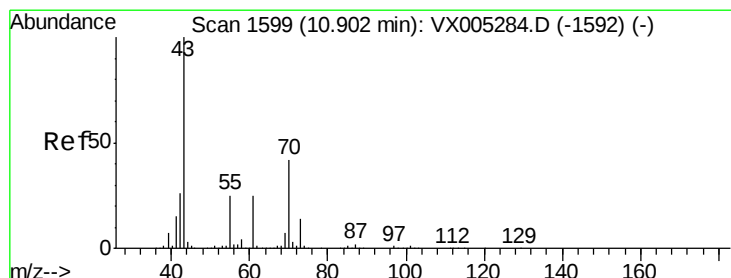
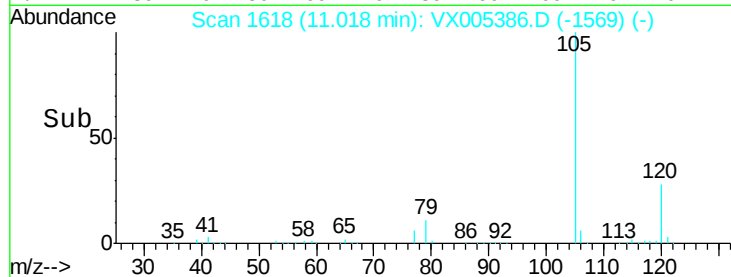
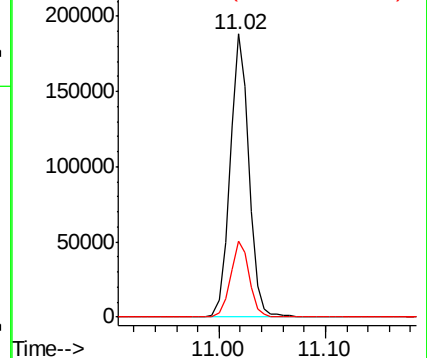
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.13 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion: 43 Resp: 105660

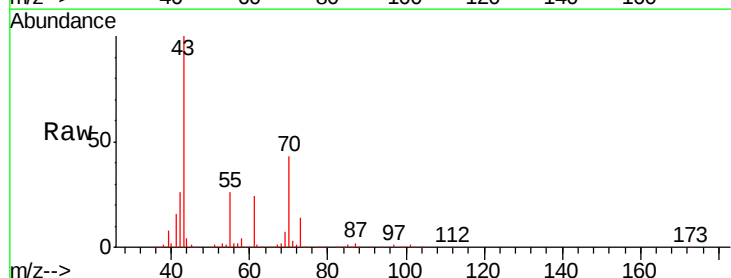
Ion Ratio Lower Upper

43 100

70 41.5 37.4 56.0

55 26.3 21.8 32.8

61 23.5 20.6 30.8

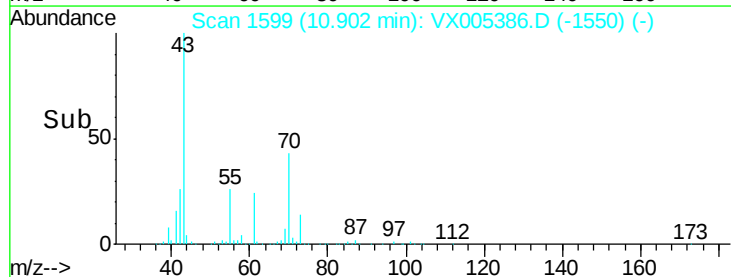
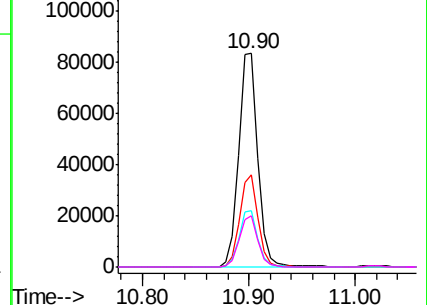


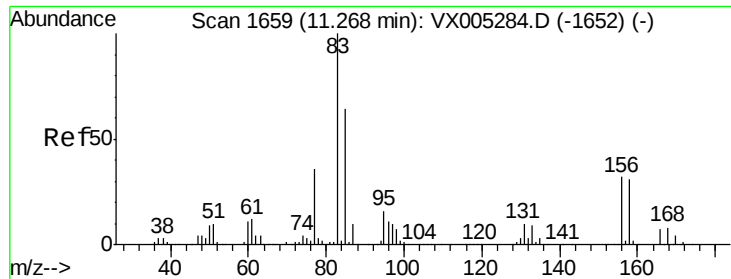
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.05 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

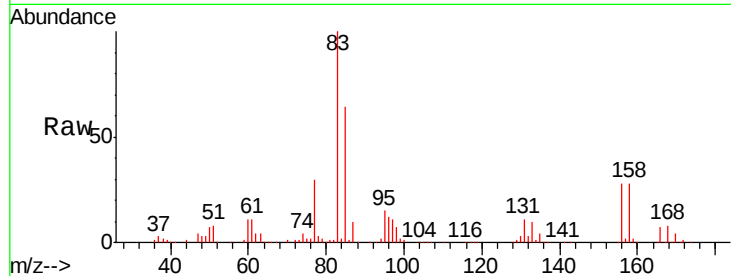
Tgt Ion: 83 Resp: 82324

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

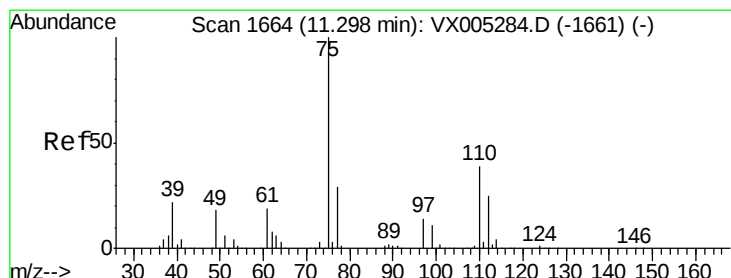
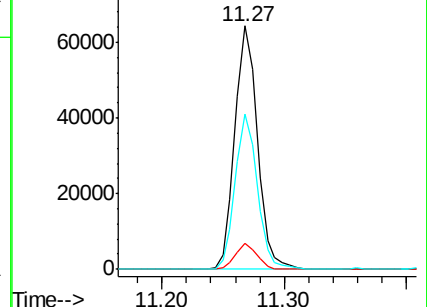
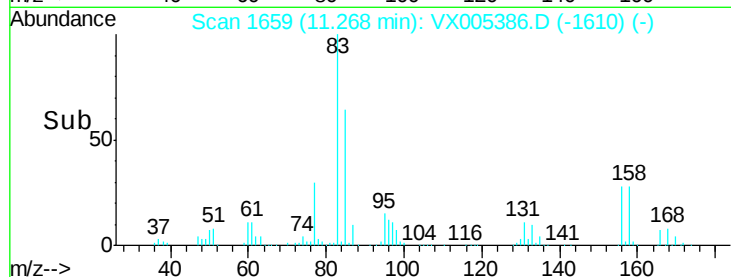
85 62.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.95 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005386.D

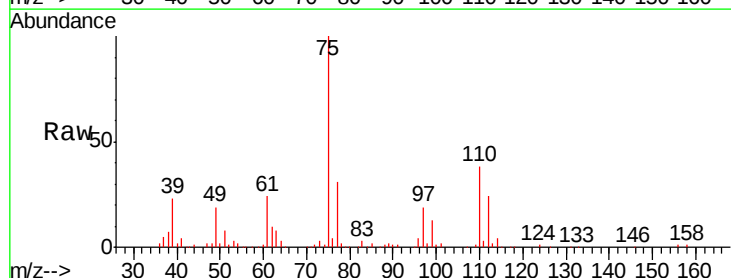
Acq: 17 Oct 2018 11:44

Tgt Ion: 75 Resp: 93246

Ion Ratio Lower Upper

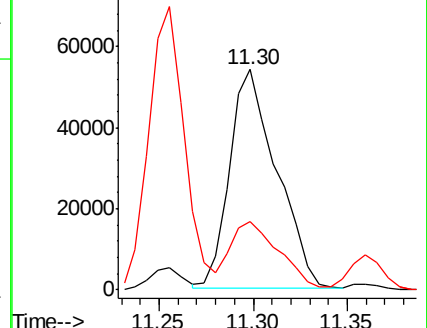
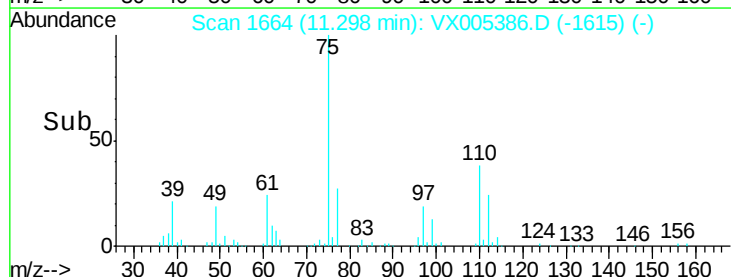
75 100

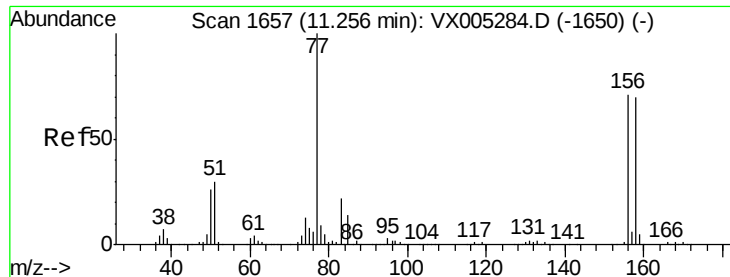
77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.89 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

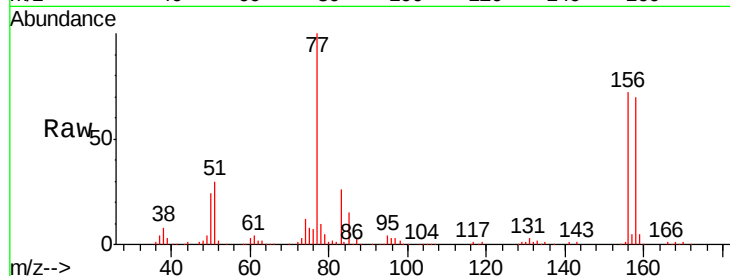
Tgt Ion:156 Resp: 65129

Ion Ratio Lower Upper

156 100

77 142.5 71.5 214.3

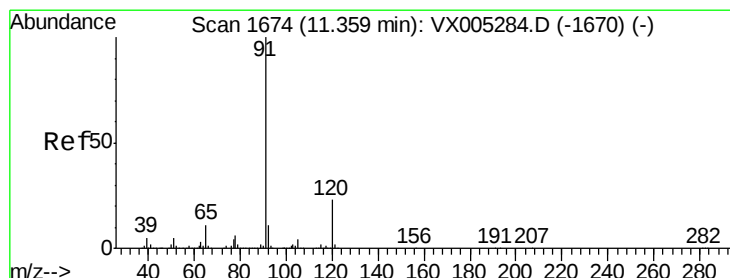
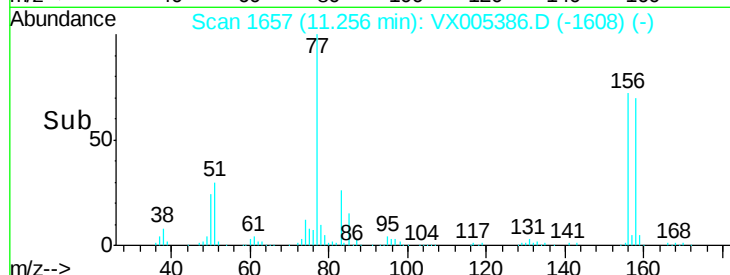
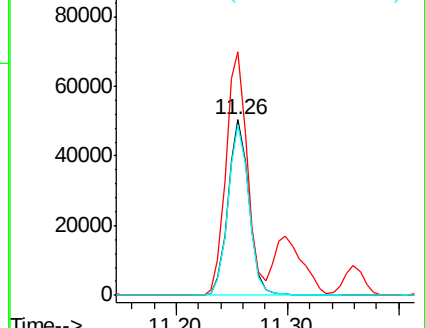
158 97.3 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.28 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005386.D

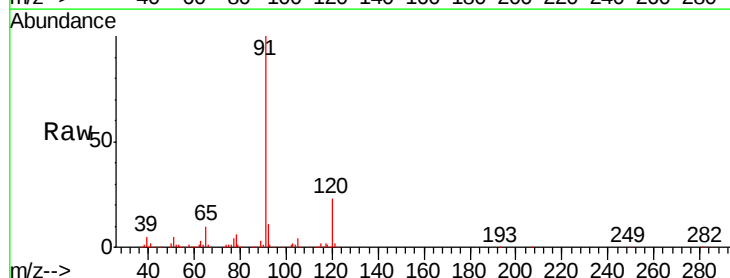
Acq: 17 Oct 2018 11:44

Tgt Ion: 91 Resp: 267304

Ion Ratio Lower Upper

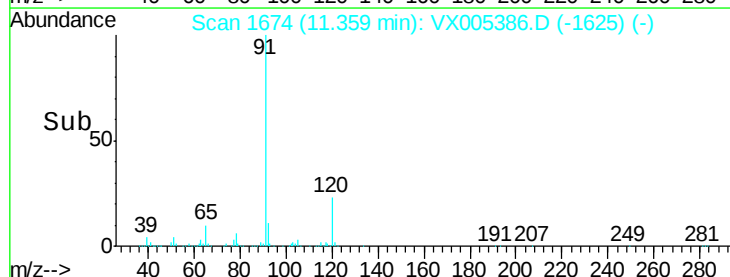
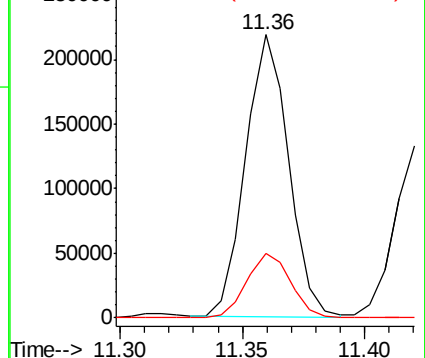
91 100

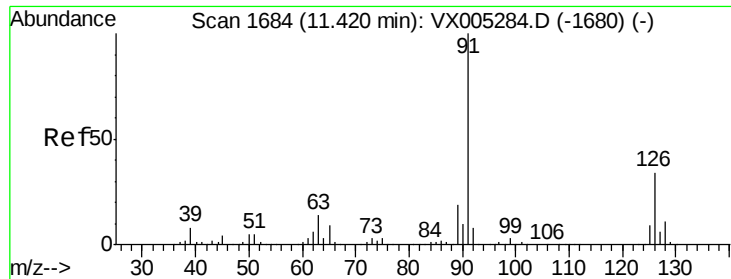
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

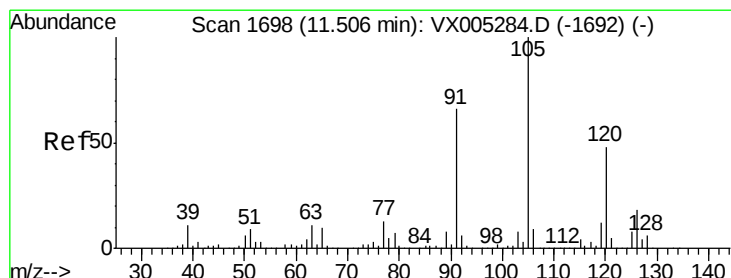
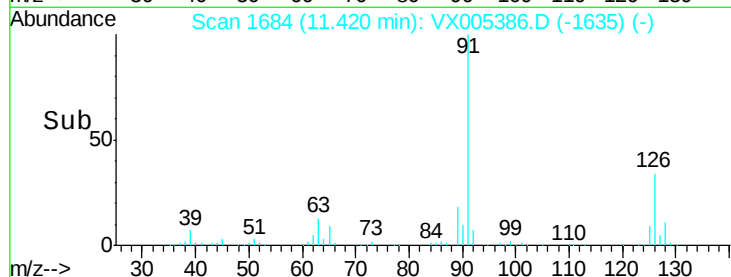
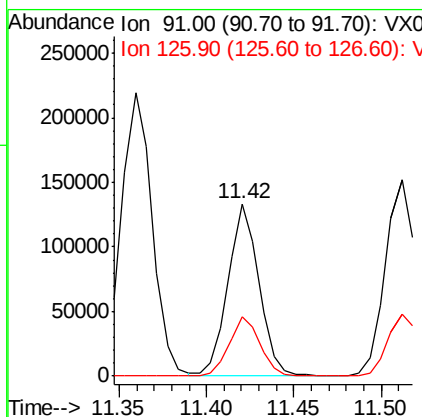
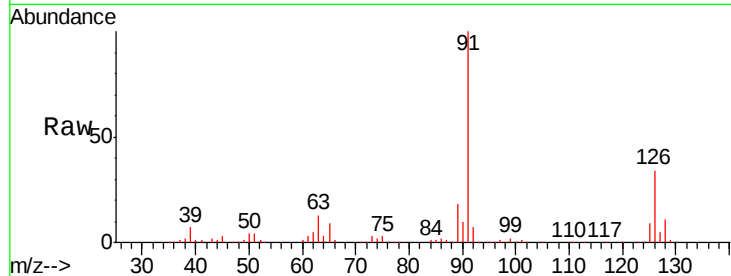




#79
 2-Chlorotoluene
 Concen: 20.13 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

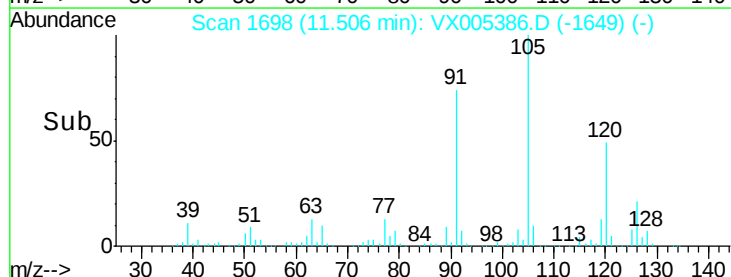
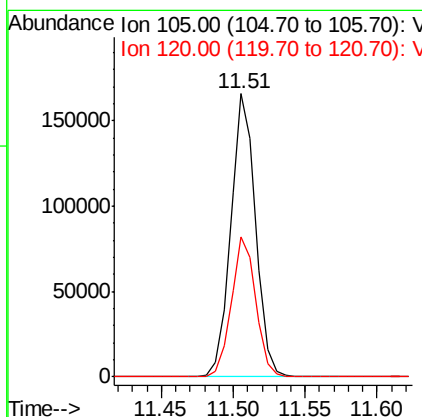
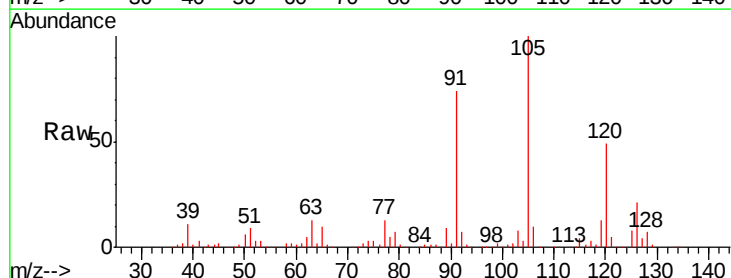
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 91 Resp: 162532
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.42 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion: 105 Resp: 200283
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8

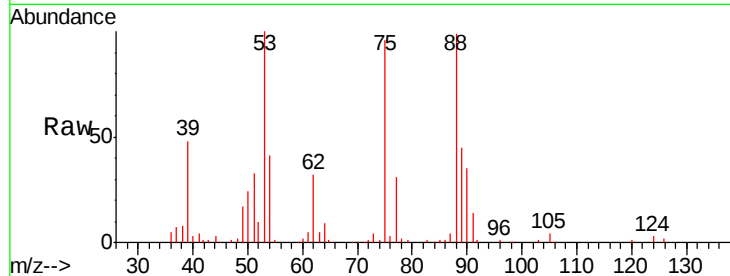




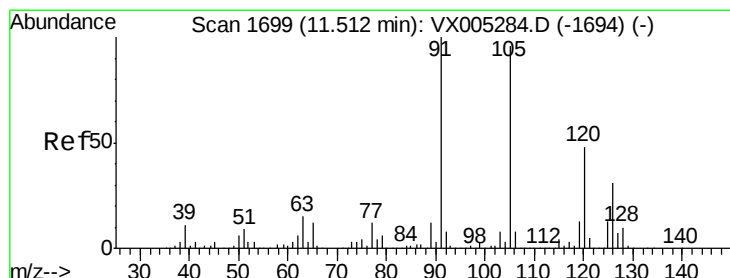
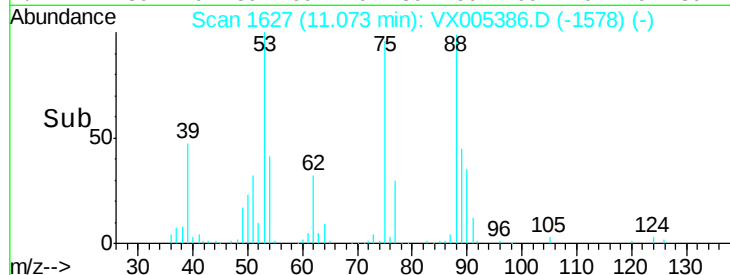
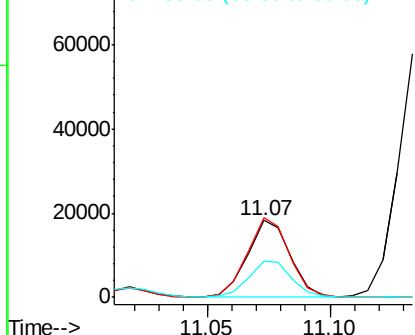
#81
trans-1,4-Dichloro-2-butene
Concen: 18.24 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampled :
VX1017WBSD01

Tgt Ion: 75 Resp: 22437
Ion Ratio Lower Upper
75 100
53 101.8 80.1 120.1
89 47.3 37.2 55.8

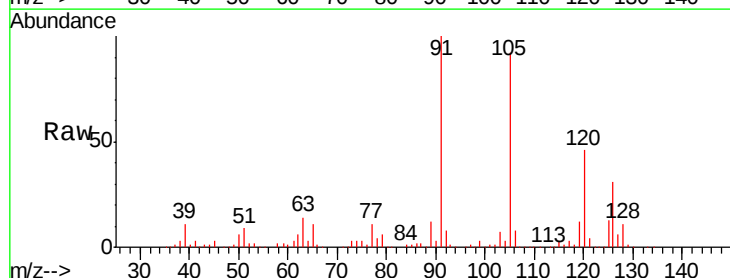


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

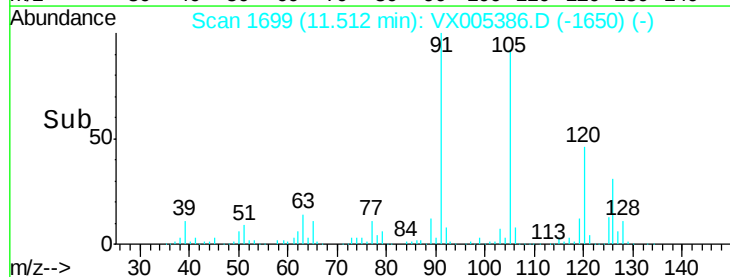
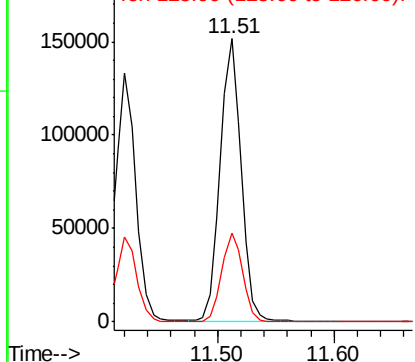


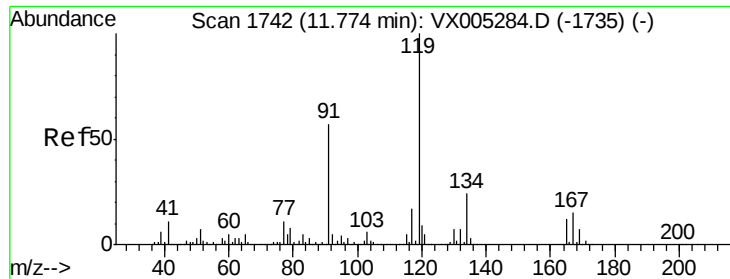
#82
4-Chlorotoluene
Concen: 19.77 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 91 Resp: 189191
Ion Ratio Lower Upper
91 100
126 31.6 15.5 46.5



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

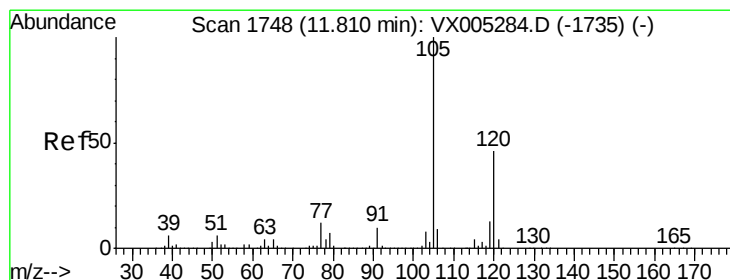
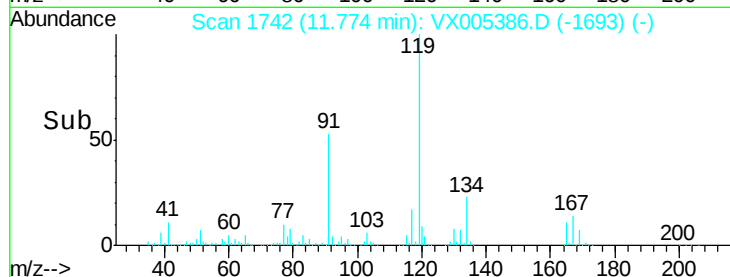
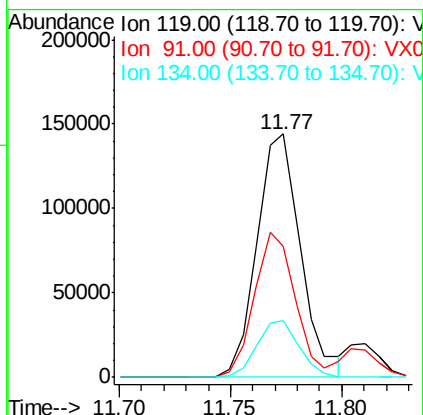
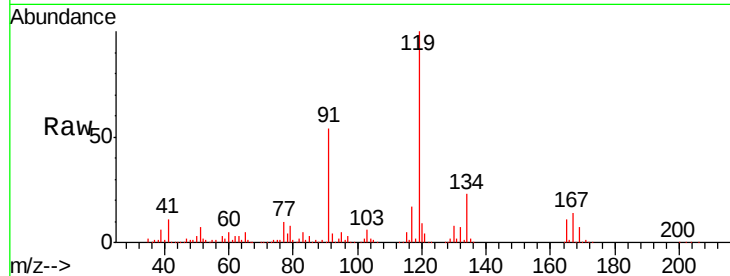




#83
 tert-Butylbenzene
 Concen: 19.84 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

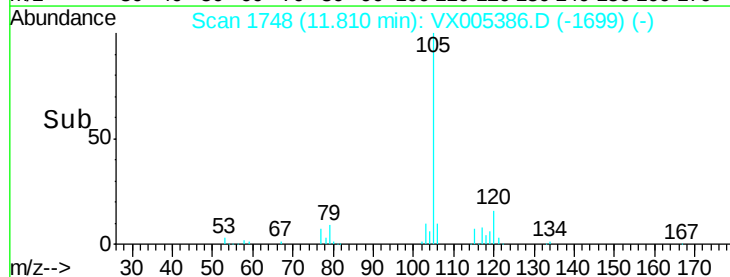
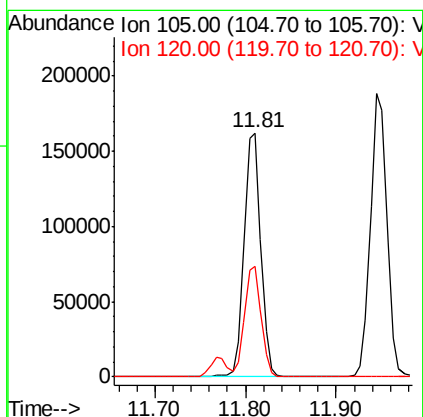
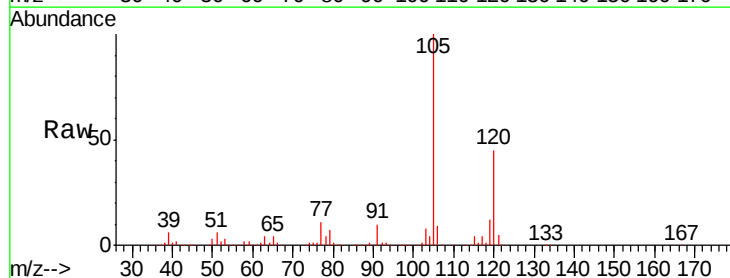
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

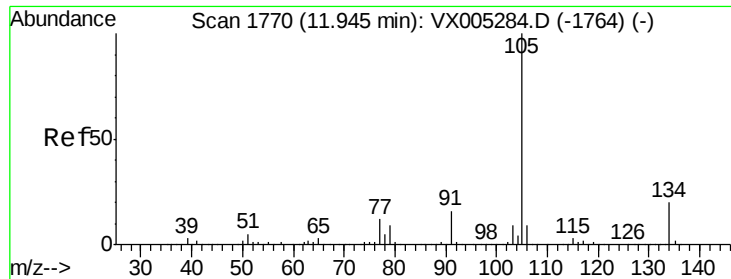
Tgt Ion:119 Resp: 197061
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.57 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion:105 Resp: 207681
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.2 69.6

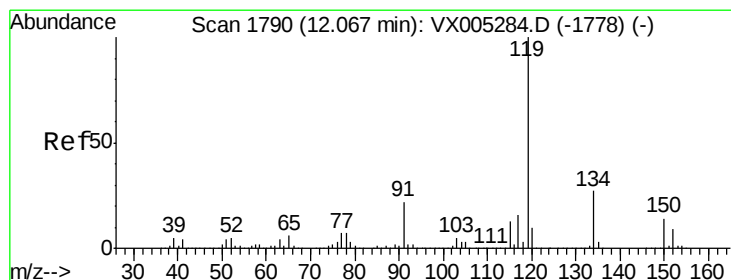
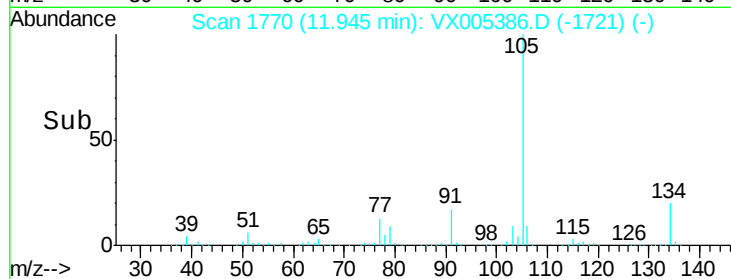
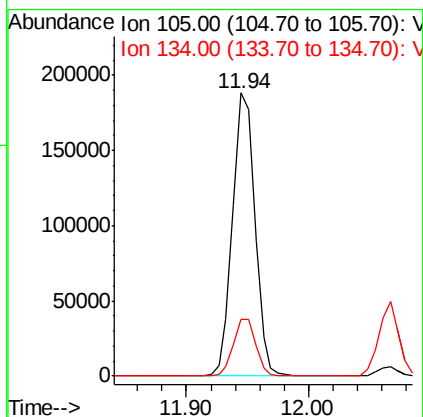
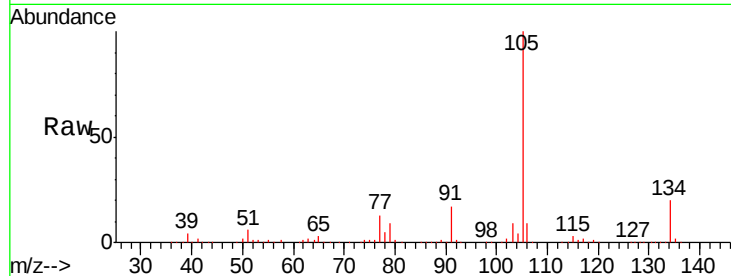




#85
 sec-Butylbenzene
 Concen: 20.28 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

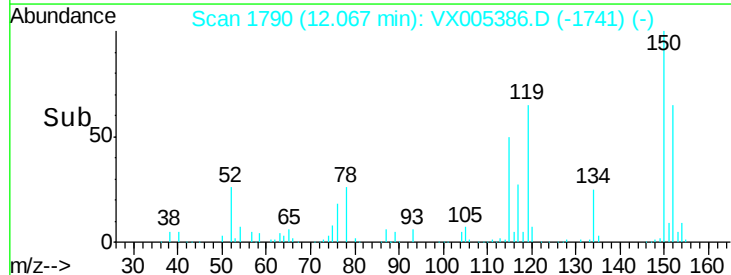
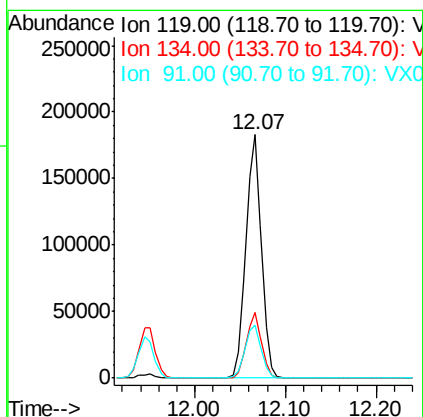
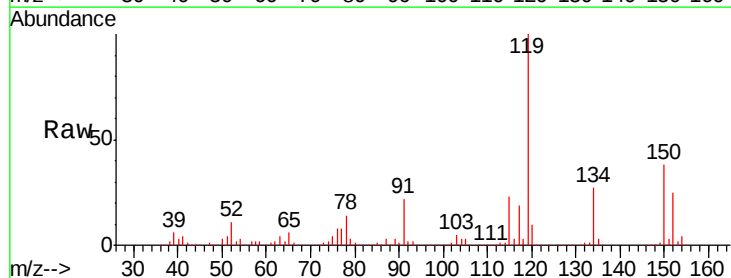
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

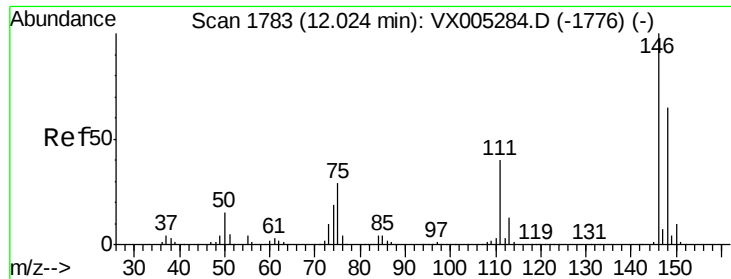
Tgt Ion:105 Resp: 238436
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.44 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion:119 Resp: 217112
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.4 10.9 32.7

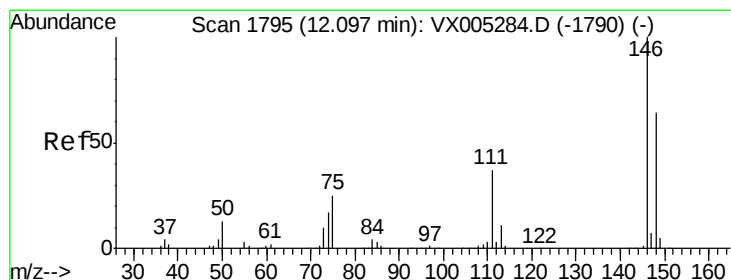
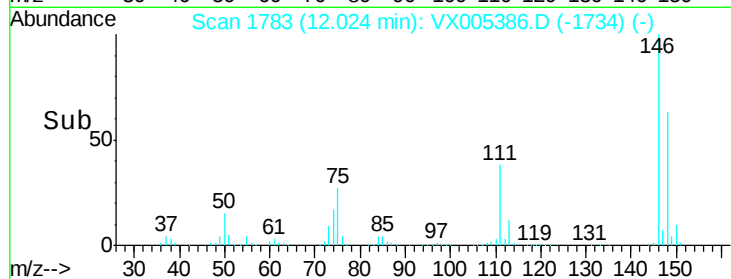
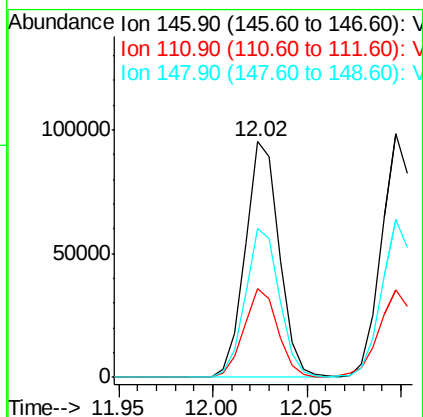
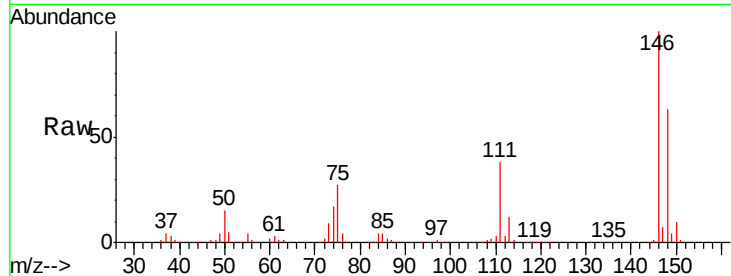




#87
 1,3-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

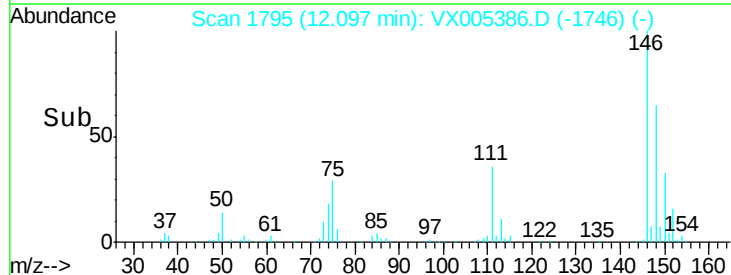
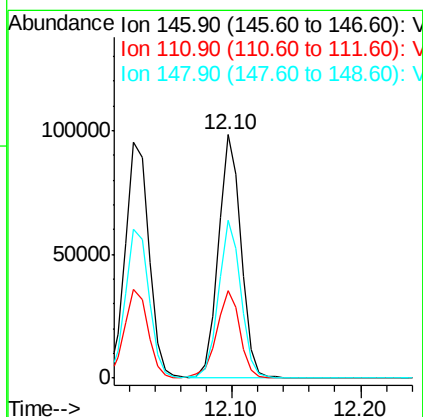
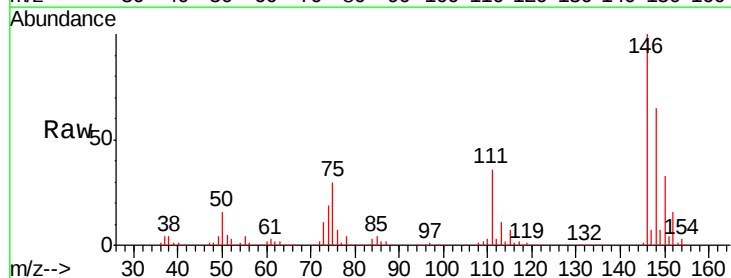
Instrument :
 MSVOA_X
 ClientSampled :
 VX1017WBSD01

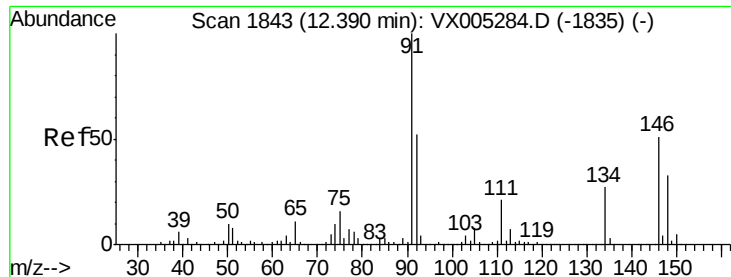
Tgt Ion:146 Resp: 119559
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion:146 Resp: 122073
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 19.14 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

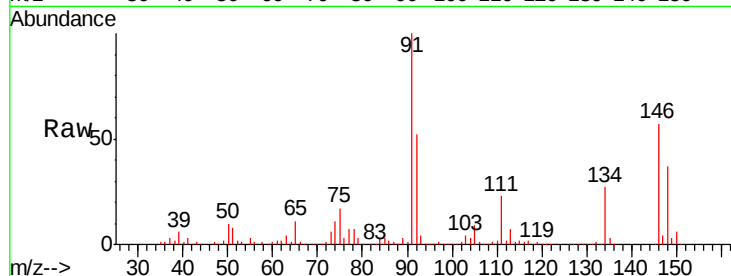
Tgt Ion: 91 Resp: 184662

Ion Ratio Lower Upper

91 100

92 52.4 27.3 81.9

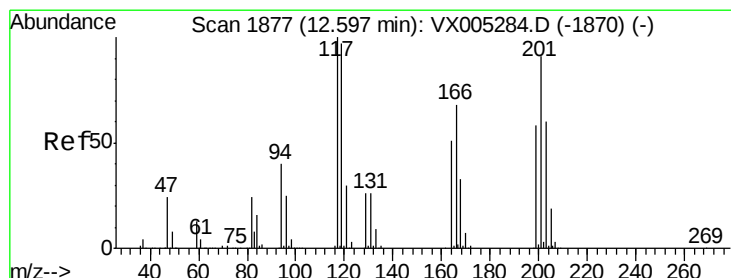
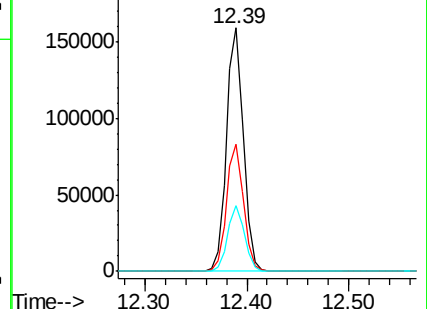
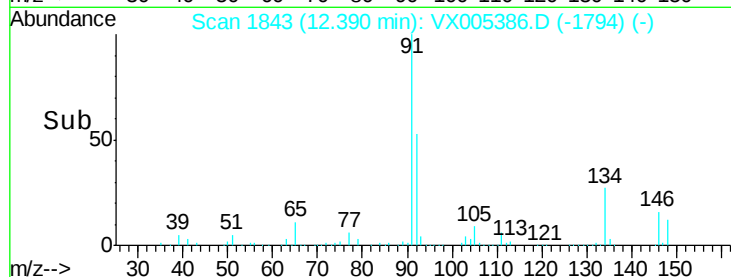
134 26.9 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX005386.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005386.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005386.D (-1794) (-)



#90

Hexachloroethane

Concen: 17.74 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005386.D

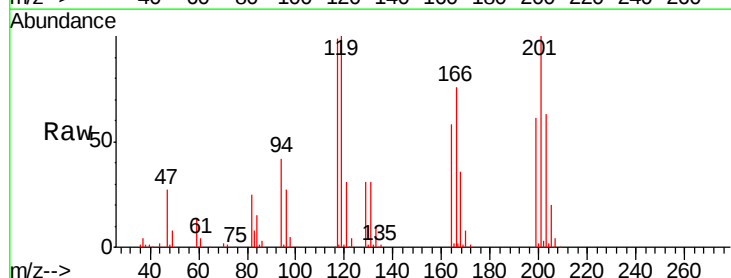
Acq: 17 Oct 2018 11:44

Tgt Ion: 117 Resp: 32487

Ion Ratio Lower Upper

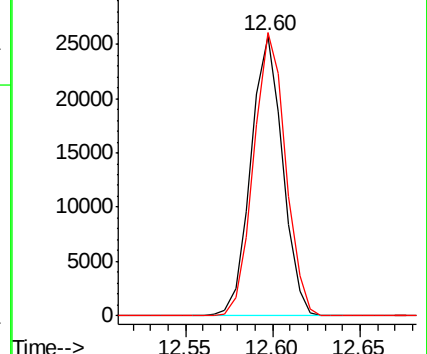
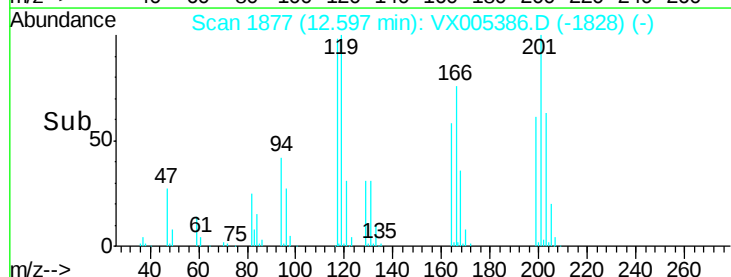
117 100

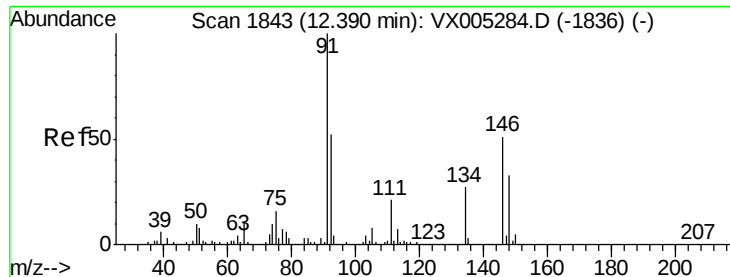
201 101.9 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX005386.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005386.D (-1828) (-)

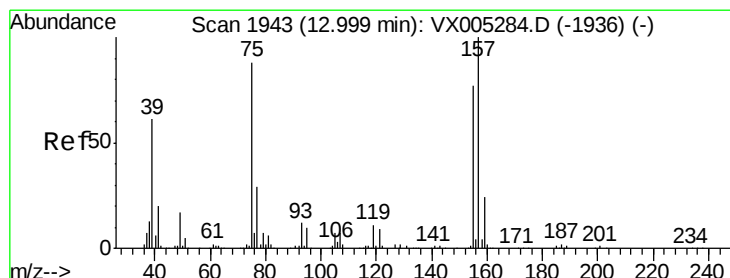
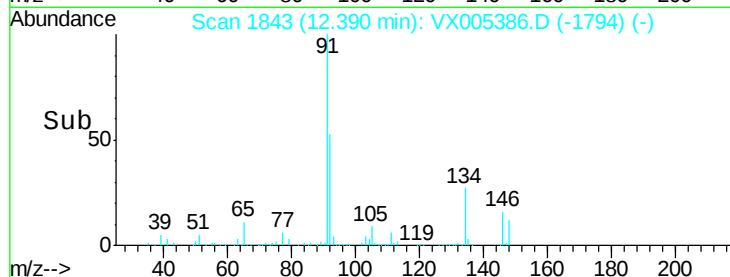
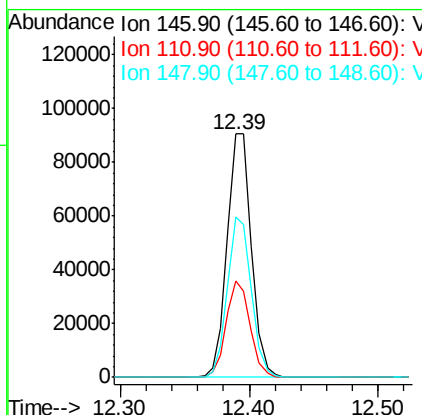
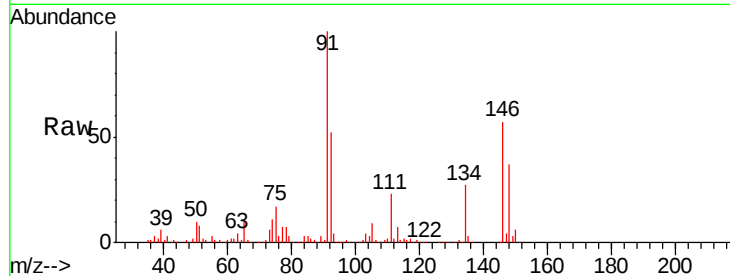




#91
1,2-Dichlorobenzene
Concen: 19.36 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

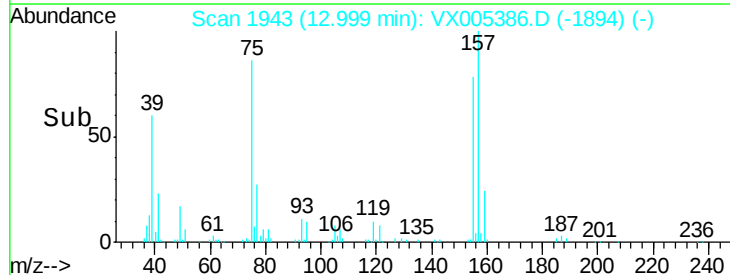
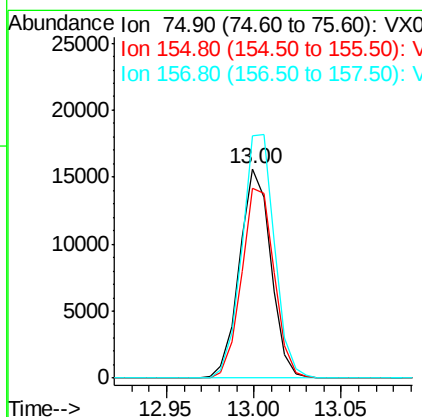
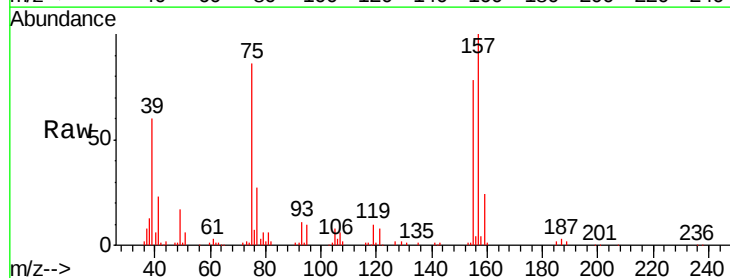
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

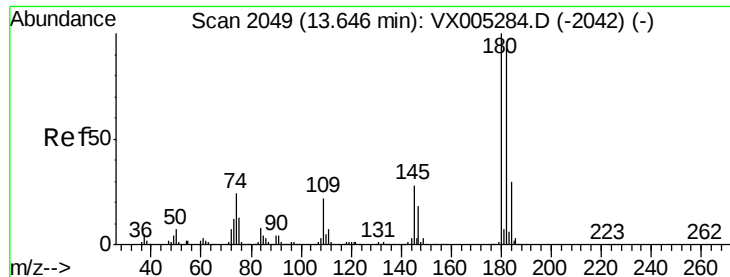
Tgt Ion:146 Resp: 120879
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.1
148 64.8 32.8 98.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.49 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 75 Resp: 19488
Ion Ratio Lower Upper
75 100
155 93.7 48.0 144.2
157 121.0 61.4 184.1

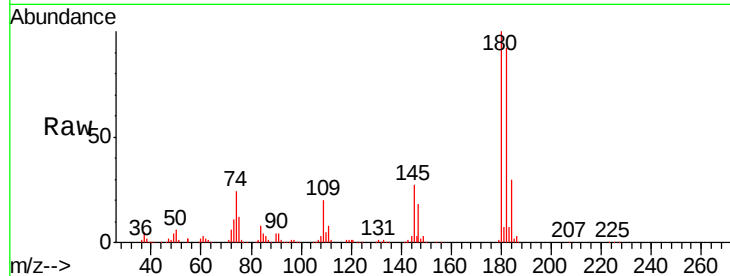




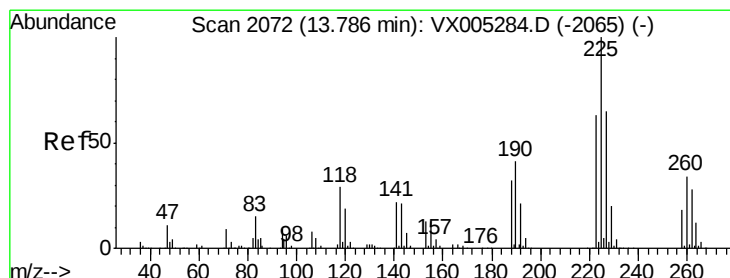
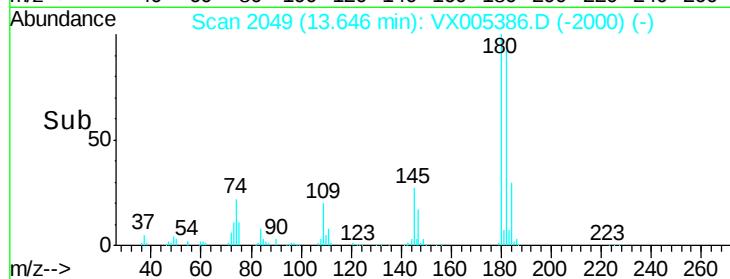
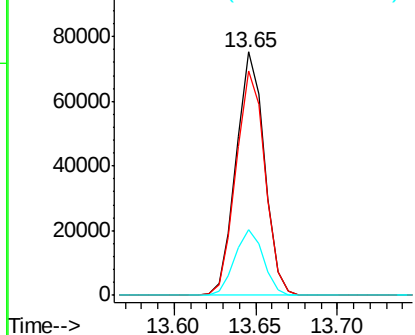
#93
 1,2,4-Trichlorobenzene
 Concen: 19.85 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion:180 Resp: 90928
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.0
 145 27.4 14.3 42.9

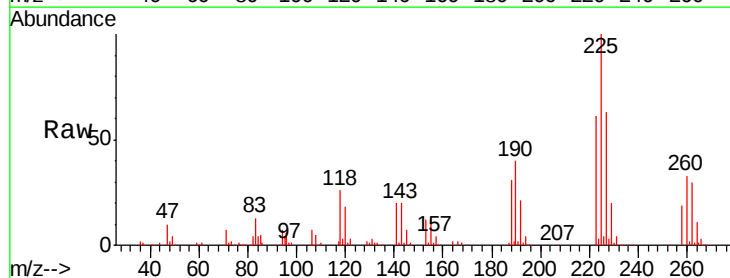


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

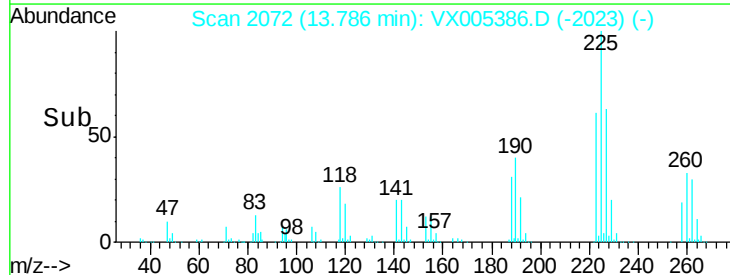
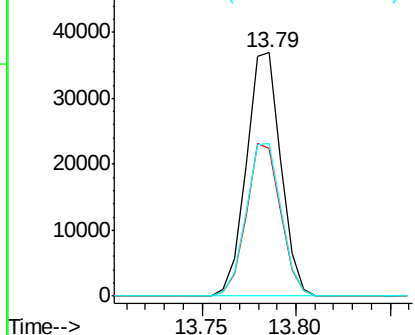


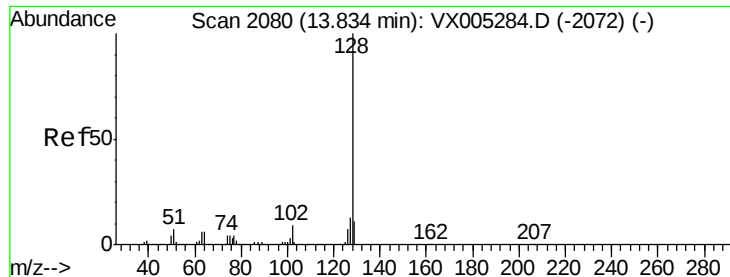
#94
 Hexachlorobutadiene
 Concen: 19.36 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion:225 Resp: 46854
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.1 90.5
 227 63.9 30.8 92.4



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





#95

Naphthalene

Concen: 20.27 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

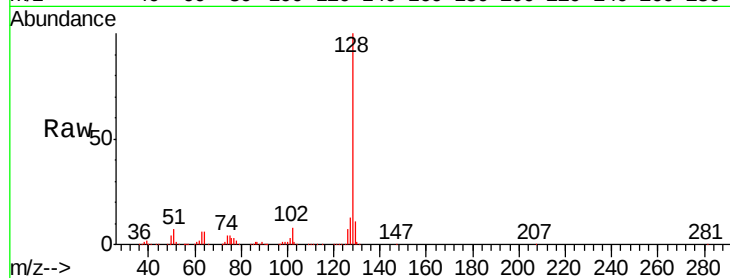
Tgt Ion:128 Resp: 269289

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

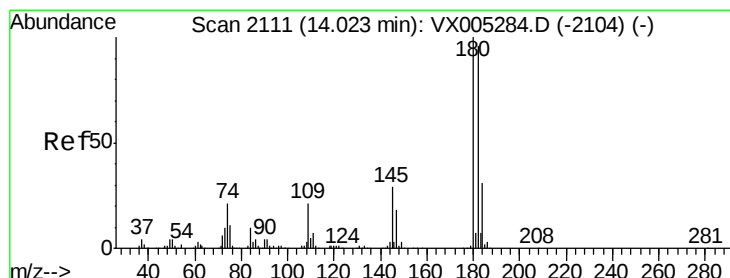
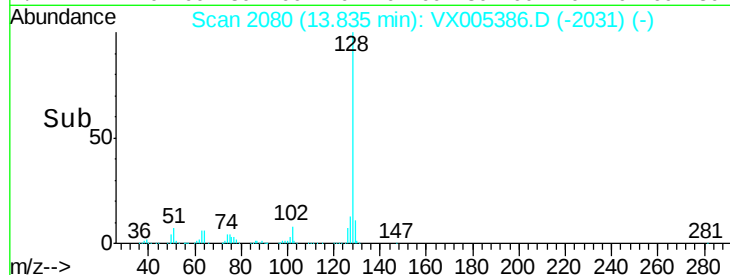
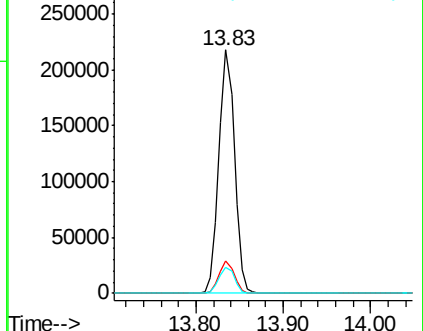
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.96 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

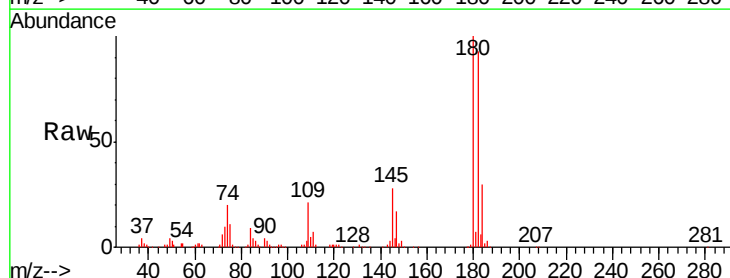
Tgt Ion:180 Resp: 93584

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.6

145 29.3 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

