

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003638.D
 Acq On : 24 Jul 2018 07:36
 Operator : JC/SP
 Sample : J4073-18MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 09:13:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149847	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	141528	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	8.72	98	519981	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	191242	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	93596	47.02	ug/l	99
3) Chloromethane	1.32	50	121847	49.41	ug/l	96
4) Vinyl Chloride	1.40	62	134309	42.20	ug/l	95
5) Bromomethane	1.64	94	59224	46.61	ug/l	99
6) Chloroethane	1.72	64	88938	47.23	ug/l	98
7) Trichlorofluoromethane	1.92	101	203335	47.89	ug/l	97
8) Diethyl Ether	2.19	74	86594	47.49	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131082	47.17	ug/l	96
10) Methyl Iodide	2.51	142	169204	50.69	ug/l	92
11) Tert butyl alcohol	3.08	59	177005	301.65	ug/l	100
12) 1,1-Dichloroethene	2.37	96	121223	47.38	ug/l	83
13) Acrolein	2.29	56	41364	156.01	ug/l	100
14) Allyl chloride	2.73	41	187175	41.32	ug/l	86
15) Acrylonitrile	3.15	53	374305	250.55	ug/l	98
16) Acetone	2.45	43	310438	277.15	ug/l #	86
17) Carbon Disulfide	2.57	76	299950	43.35	ug/l	99
18) Methyl Acetate	2.78	43	154198	43.67	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	423567	50.69	ug/l	98
20) Methylene Chloride	2.86	84	145464	53.17	ug/l #	75
21) trans-1,2-Dichloroethene	3.16	96	132537	46.56	ug/l	91
22) Diisopropyl ether	3.87	45	409357	48.03	ug/l #	94
23) Vinyl Acetate	3.82	43	1351313	192.48	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	244171	48.83	ug/l	100
25) 2-Butanone	4.71	43	503751	268.04	ug/l #	88
26) 2,2-Dichloropropane	4.58	77	72858	19.18	ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	154795	48.83	ug/l	91
28) Bromochloromethane	5.03	49	101752	46.55	ug/l #	78
29) Tetrahydrofuran	5.17	42	324663	261.51	ug/l #	87
30) Chloroform	5.22	83	251460	51.50	ug/l	98
31) Cyclohexane	5.57	56	199242	44.59	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	217025	51.90	ug/l	96
36) 1,1-Dichloropropene	5.80	75	178936	47.64	ug/l	94
37) Ethyl Acetate	4.87	43	153889	43.30	ug/l #	94
38) Carbon Tetrachloride	5.78	117	196841	53.43	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205901	46.29	ug/l	92
40) Benzene	6.15	78	578682	51.03	ug/l	99
41) Methacrylonitrile	5.07	41	108945	52.16	ug/l	90
42) 1,2-Dichloroethane	6.20	62	184237	51.57	ug/l	92
43) Isopropyl Acetate	6.47	43	272224	48.15	ug/l #	93
44) Trichloroethene	7.22	130	178689	52.84	ug/l	94
45) 1,2-Dichloropropane	7.52	63	151814	52.73	ug/l	91
46) Dibromomethane	7.67	93	99459	53.65	ug/l	91
47) Bromodichloromethane	7.90	83	185592	54.69	ug/l	99
48) Methyl methacrylate	7.78	41	148285	52.01	ug/l #	80
49) 1,4-Dioxane	7.76	88	78873	1220.99	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	992804	277.97	ug/l	89
52) Toluene	8.79	92	369539	51.77	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	192357	46.05	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	175286	46.66	ug/l #	85
55) 1,1,2-Trichloroethane	9.22	97	153120	53.91	ug/l	98
56) Ethyl methacrylate	9.18	69	218680	54.66	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	243347	53.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.24	63	461	0.24	ug/l #	48
59) 2-Hexanone	9.50	43	758394	286.59	ug/l	86
60) Dibromochloromethane	9.59	129	163118	58.02	ug/l	100
61) 1,2-Dibromoethane	9.68	107	161419	54.82	ug/l	100
64) Tetrachloroethene	9.34	164	195759	48.17	ug/l	98
65) Chlorobenzene	10.14	112	430594	50.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	161641	54.67	ug/l	99
67) Ethyl Benzene	10.26	91	698601	50.56	ug/l	99
68) m/p-Xylenes	10.36	106	557370	102.90	ug/l	94
69) o-Xylene	10.70	106	273178	52.15	ug/l	93
70) Styrene	10.71	104	462321	53.66	ug/l	96
71) Bromoform	10.86	173	134548	58.57	ug/l #	99
73) Isopropylbenzene	11.02	105	723112	50.14	ug/l	99
74) N-amyl acetate	6.47	43	272224	44.46	ug/l #	94
75) 1,1,1,2-Tetrachloroethane	11.27	83	224307	53.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	235670	62.91	ug/l	79
77) Bromobenzene	11.26	156	210196	50.68	ug/l	92
78) n-propylbenzene	11.36	91	795576	49.63	ug/l	97
79) 2-Chlorotoluene	11.43	91	475834	48.90	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	601361	50.74	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	47131	36.41	ug/l	87
82) 4-Chlorotoluene	11.51	91	554241	48.61	ug/l	96
83) tert-Butylbenzene	11.77	119	599564	51.66	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	618271	51.27	ug/l	96
85) sec-Butylbenzene	11.95	105	700755	49.71	ug/l	98
86) p-Isopropyltoluene	12.07	119	638828	50.49	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	374624	49.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374238	47.65	ug/l	99
89) n-Butylbenzene	12.39	91	507108	47.20	ug/l	98
90) Hexachloroethane	12.60	117	91558	50.91	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	380915	50.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45127	54.87	ug/l	79

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

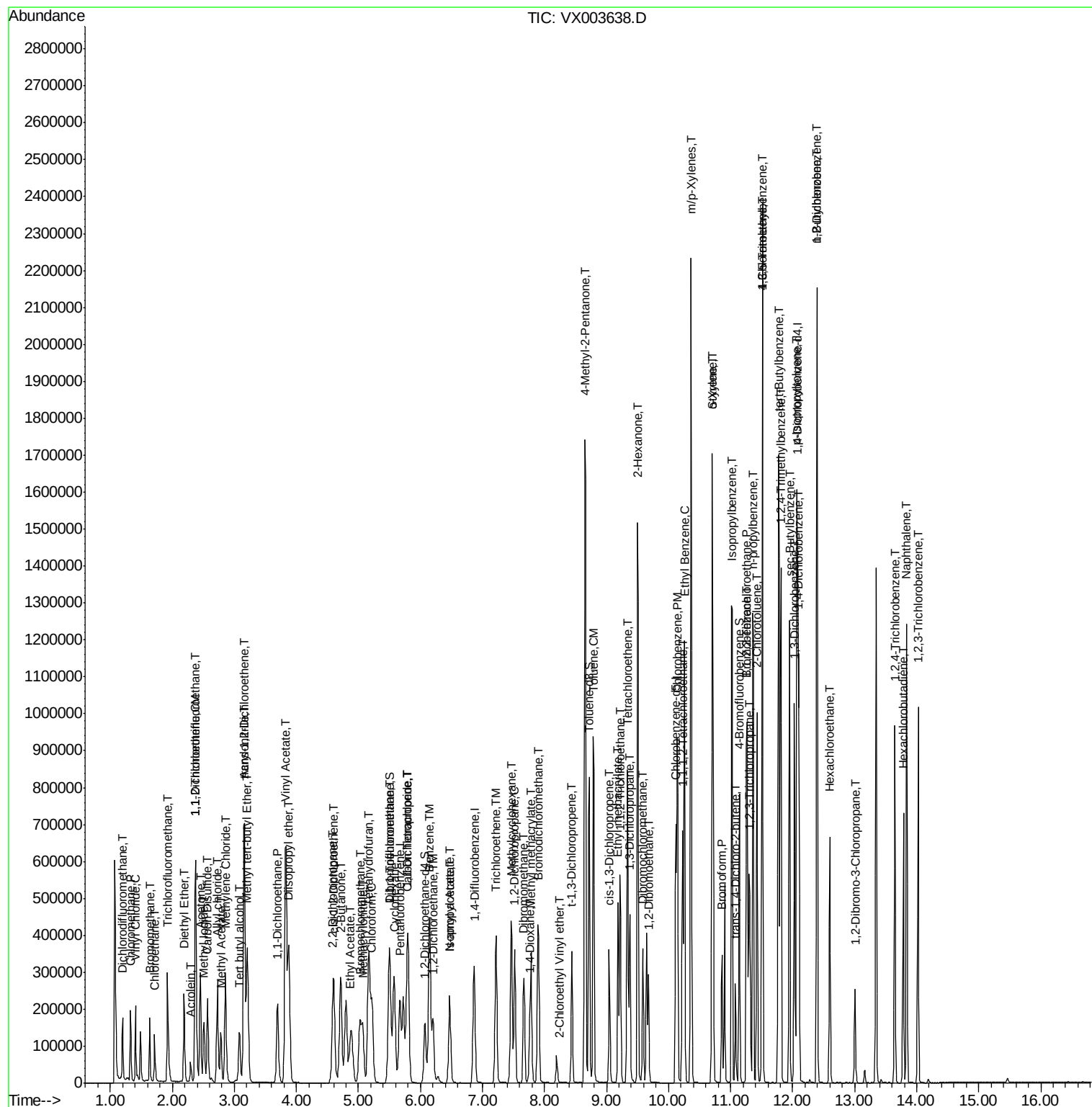
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	269331	48.91	ug/l	98
94) Hexachlorobutadiene	13.79	225	127710	48.22	ug/l	99
95) Naphthalene	13.83	128	789822	54.58	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	280640	51.48	ug/l	99

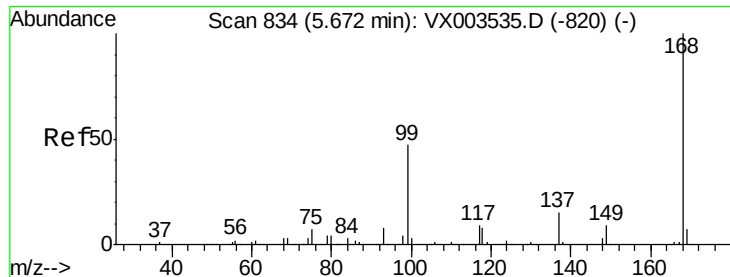
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

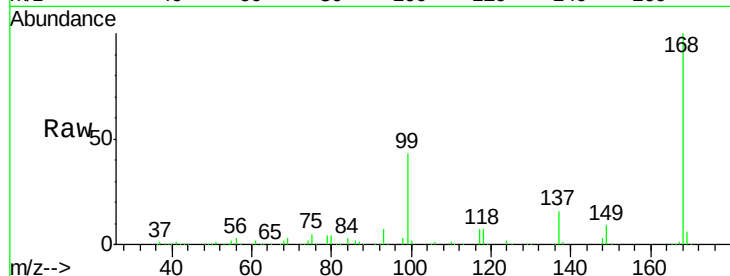
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 250516

Ion Ratio Lower Upper

168 100

99 42.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

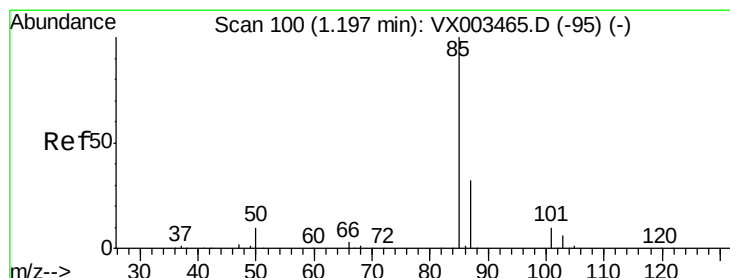
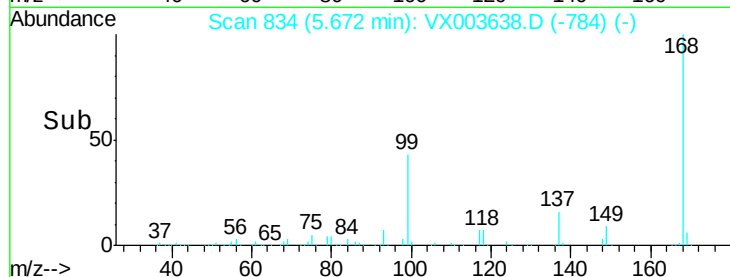
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003638.D

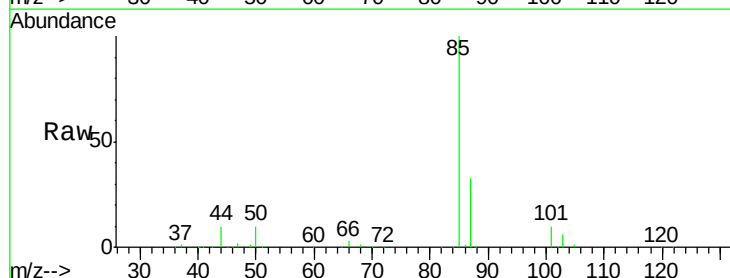
Acq: 24 Jul 2018 07:36

Tgt Ion: 85 Resp: 93596

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

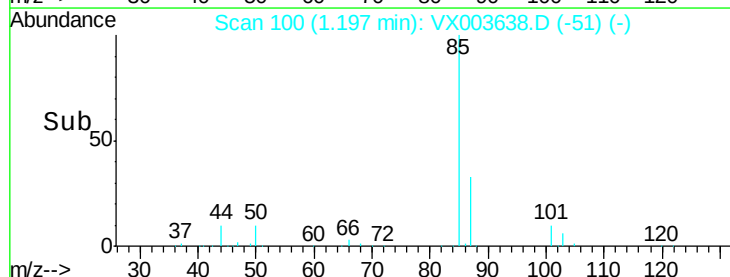
40000

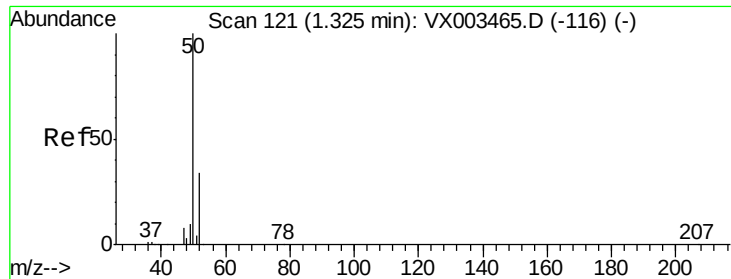
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

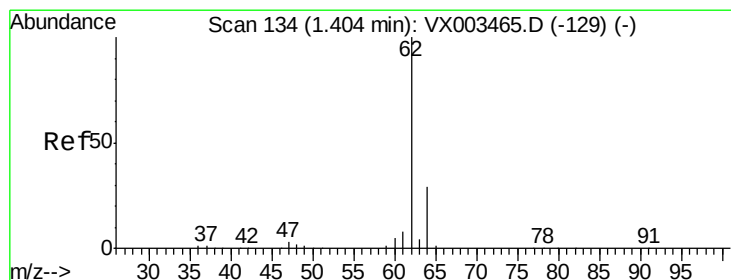
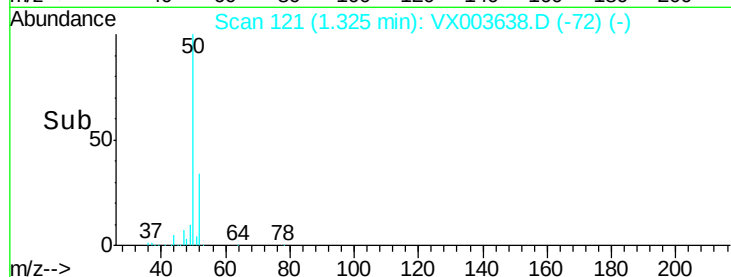
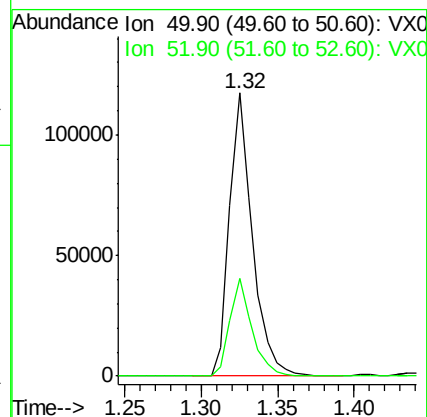
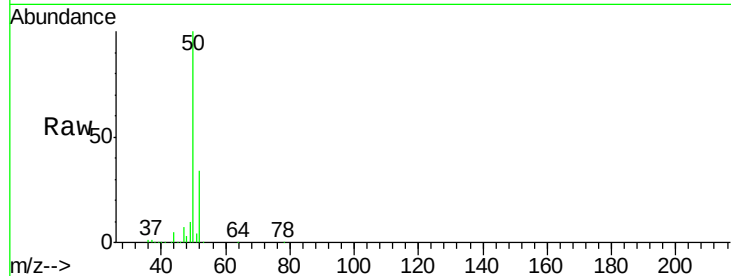
ClientSampleId :

Tot Ion: 50 Resp: 121847

Ion Ratio Lower Upper

50 100

52 34.3 25.7 38.5



#4

Vinyl Chloride

Concen: 42.20 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003638.D

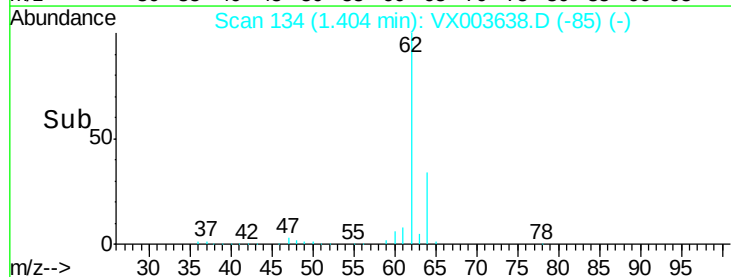
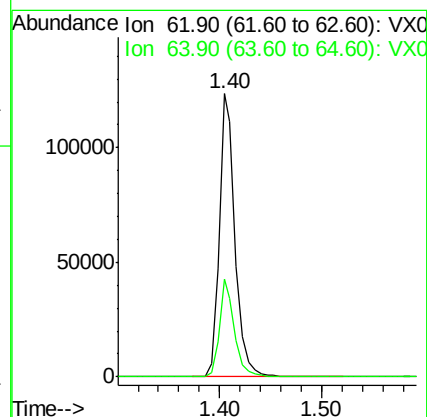
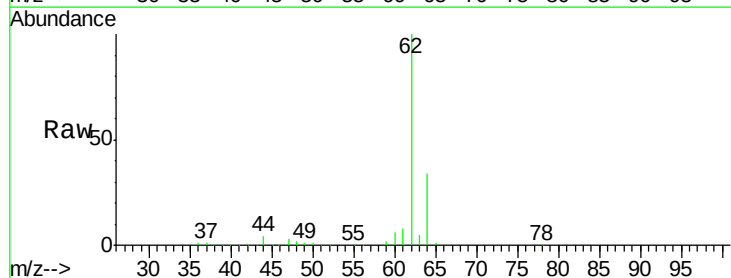
Acq: 24 Jul 2018 07:36

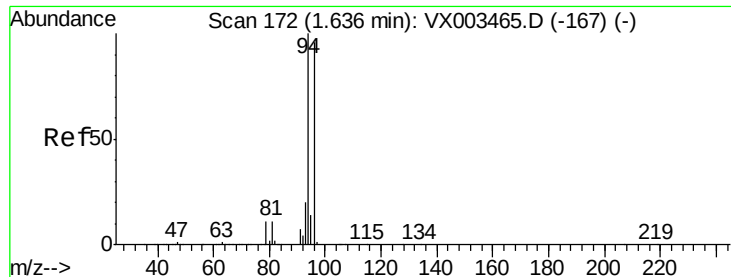
Tgt Ion: 62 Resp: 134309

Ion Ratio Lower Upper

62 100

64 34.5 25.4 38.2





#5

Bromomethane

Concen: 46.61 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

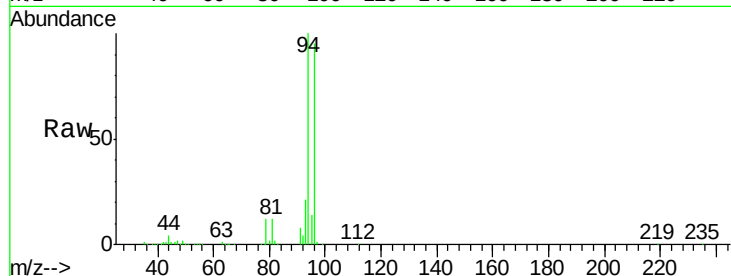
ClientSampleId :

Tot Ion: 94 Resp: 59224

Ion Ratio Lower Upper

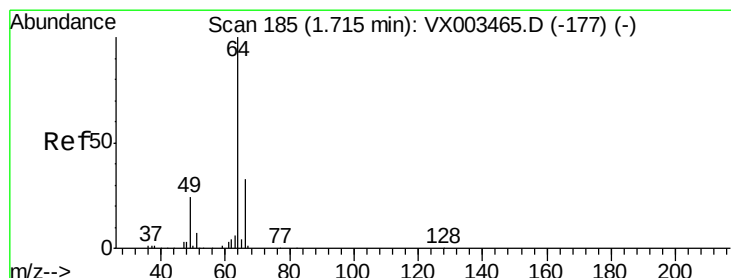
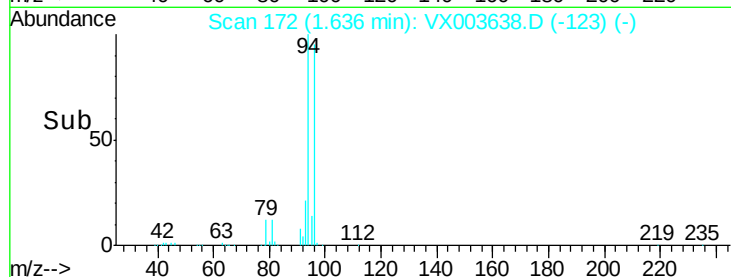
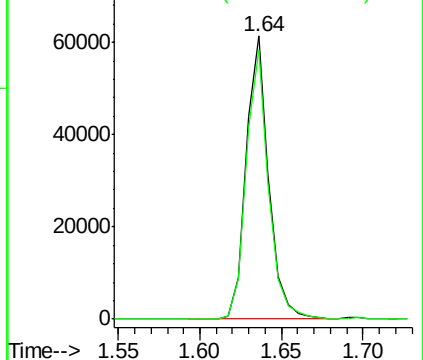
94 100

96 95.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.23 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003638.D

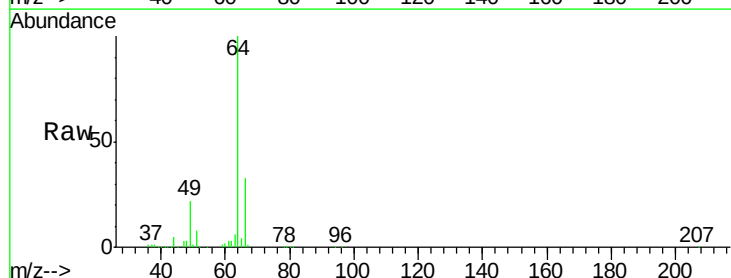
Acq: 24 Jul 2018 07:36

Tgt Ion: 64 Resp: 88938

Ion Ratio Lower Upper

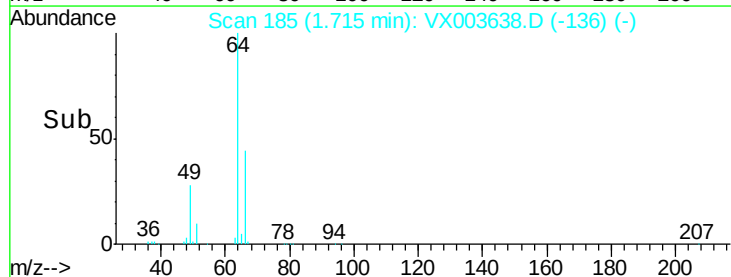
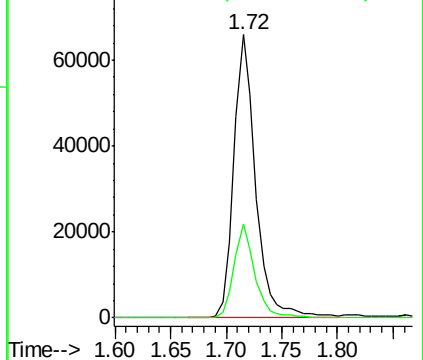
64 100

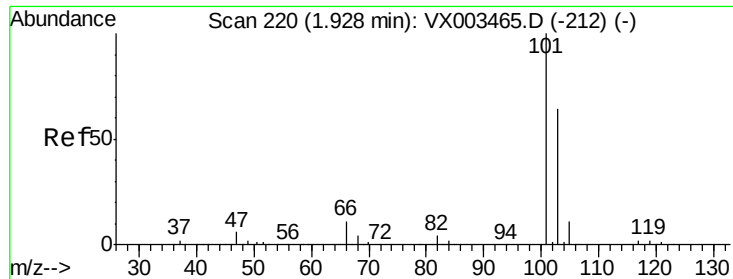
66 33.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



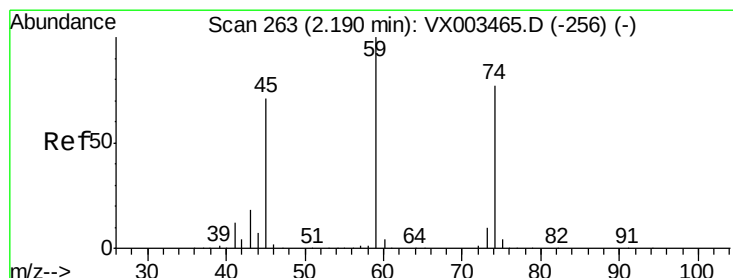
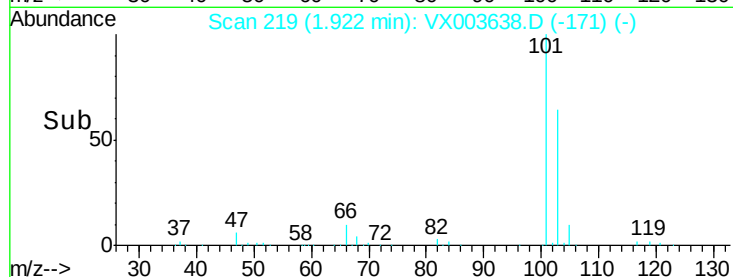
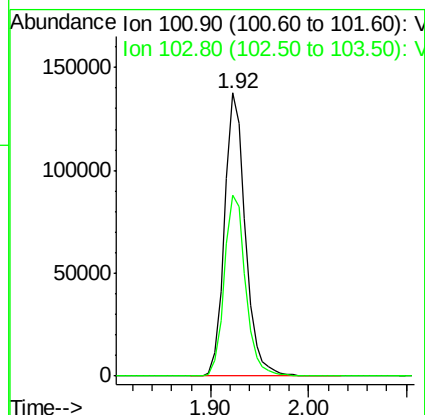
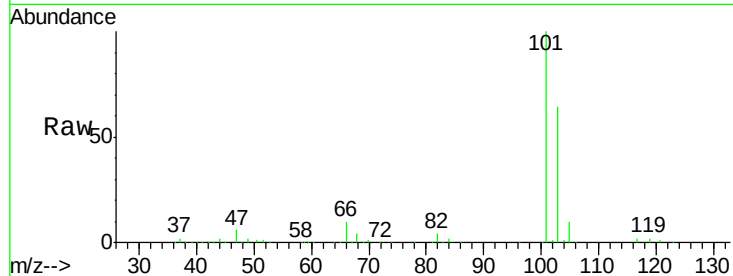


#7

Trichlorofluoromethane
 Concen: 47.89 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Instrument :
 MSVOA_X
 ClientSampled :

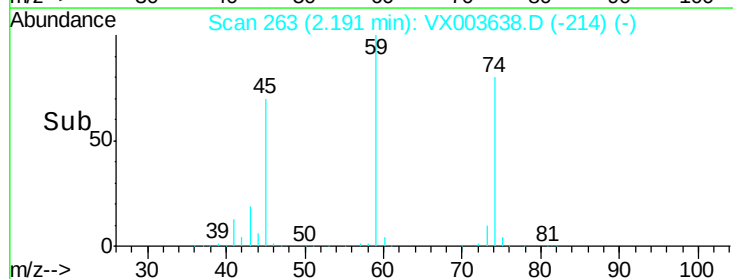
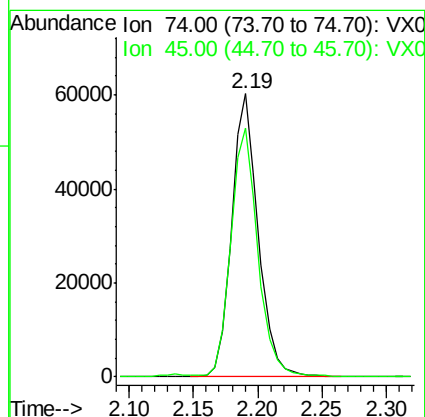
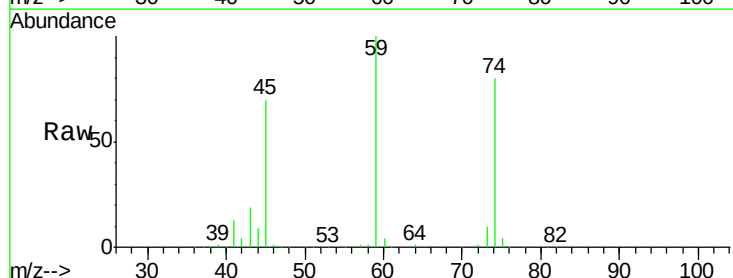
Tot Ion:101 Resp: 203335
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.8 79.2

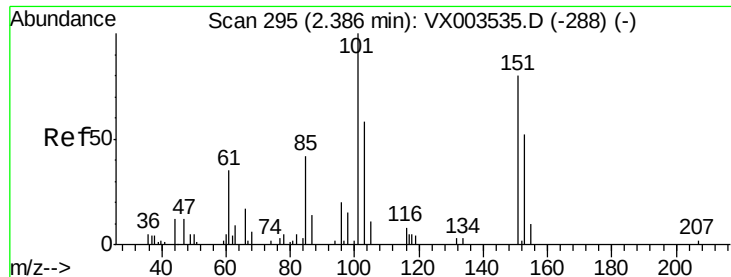


#8

Diethyl Ether
 Concen: 47.49 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion: 74 Resp: 86594
 Ion Ratio Lower Upper
 74 100
 45 89.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.17 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

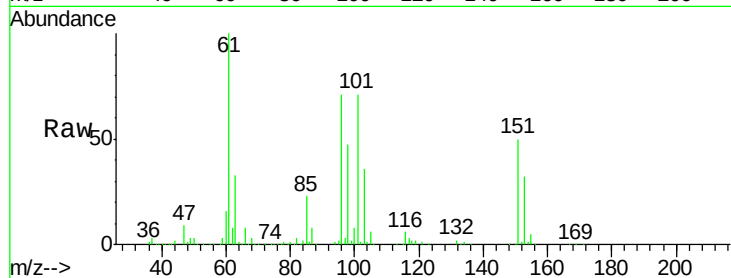
Tot Ion:101 Resp: 131082

Ion Ratio Lower Upper

101 100

85 39.2 36.0 54.0

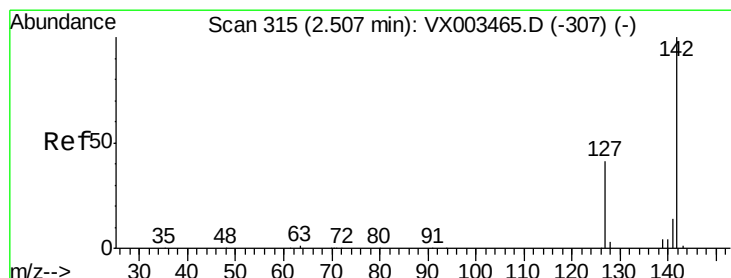
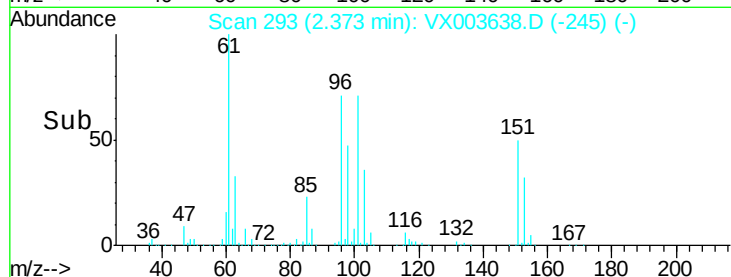
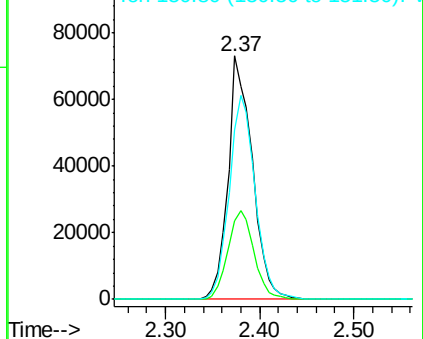
151 89.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.69 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

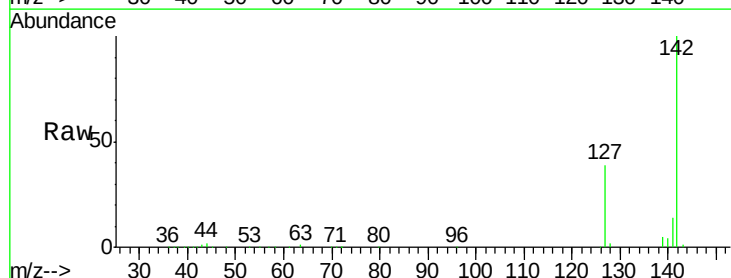
Tgt Ion:142 Resp: 169204

Ion Ratio Lower Upper

142 100

127 38.6 36.6 55.0

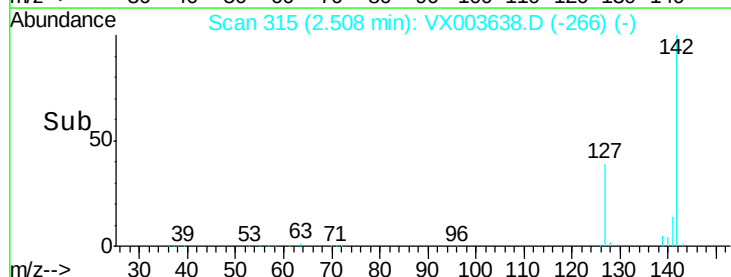
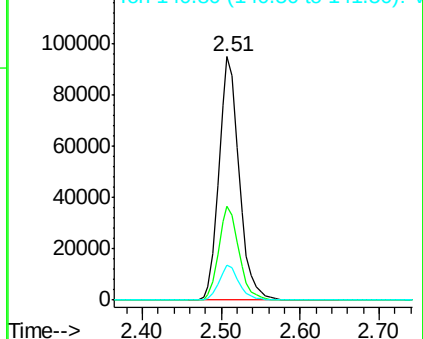
141 14.1 11.3 16.9

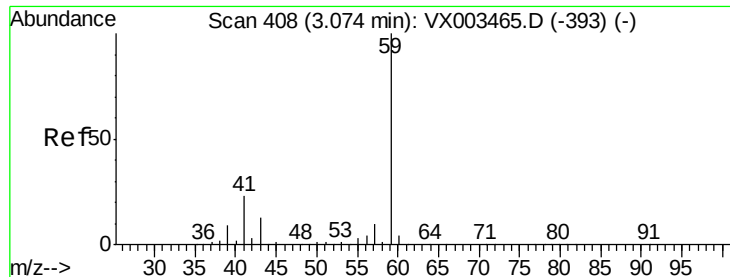


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



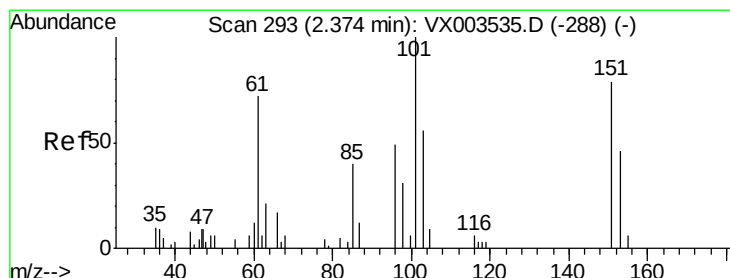
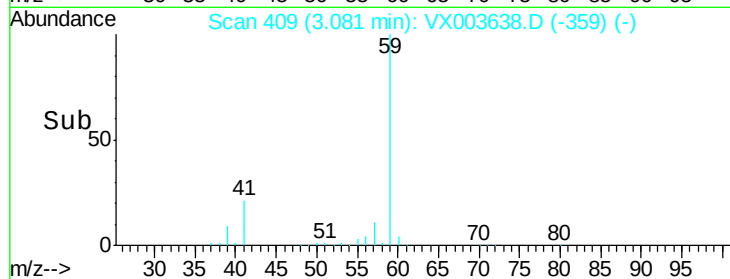
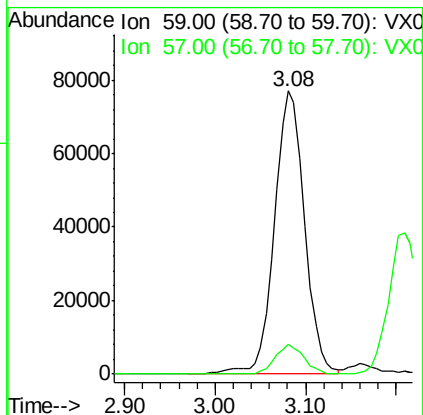
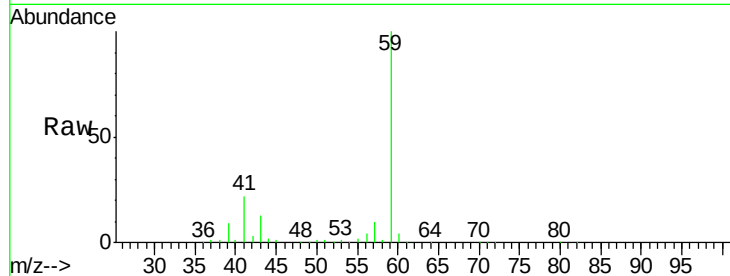


#11

Tert butyl alcohol
Concen: 301.65 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Instrument :
MSVOA_X
ClientSampled :

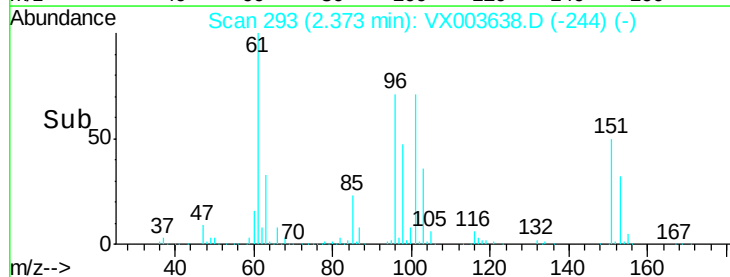
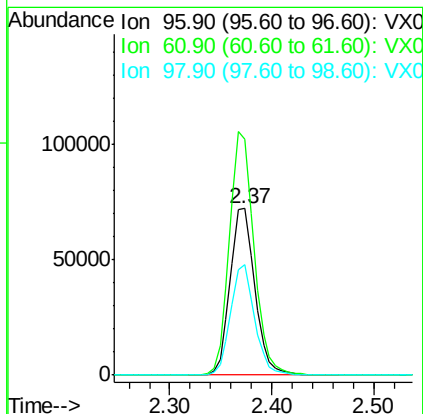
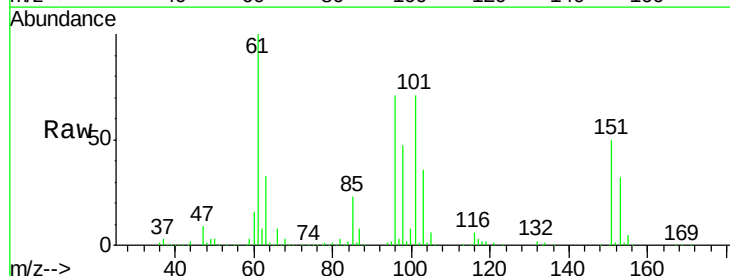
Tot Ion: 59 Resp: 177005
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

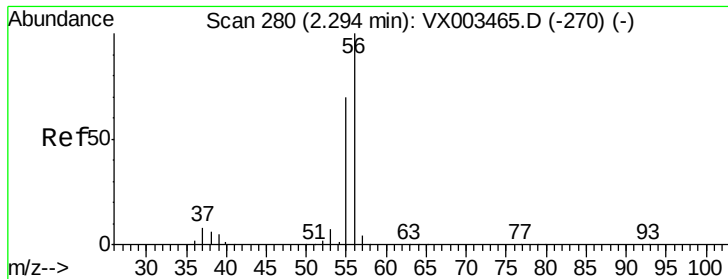


#12

1,1-Dichloroethene
Concen: 47.38 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion: 96 Resp: 121223
Ion Ratio Lower Upper
96 100
61 141.6 137.9 206.9
98 66.8 51.6 77.4





#13

Acrolein

Concen: 156.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

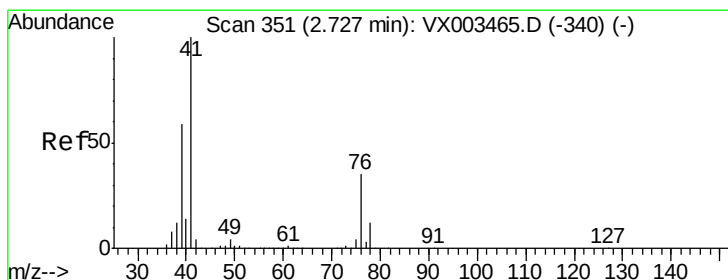
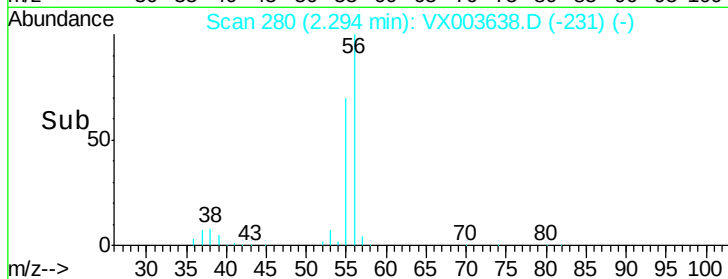
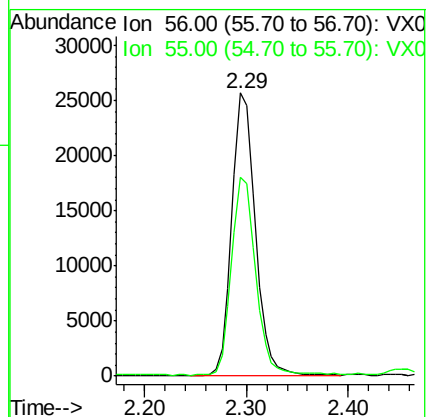
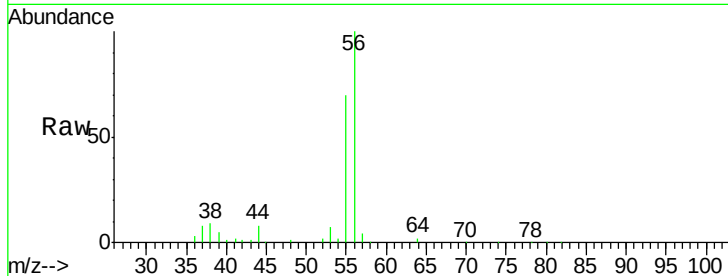
ClientSampled :

Tot Ion: 56 Resp: 41364

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 41.32 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

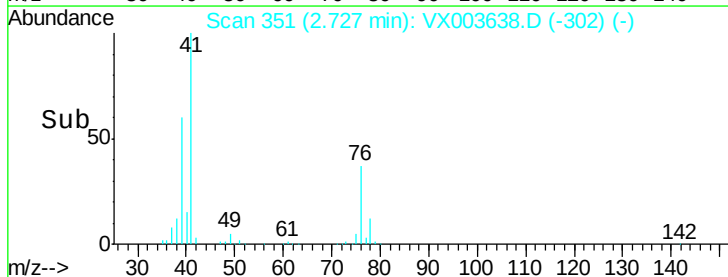
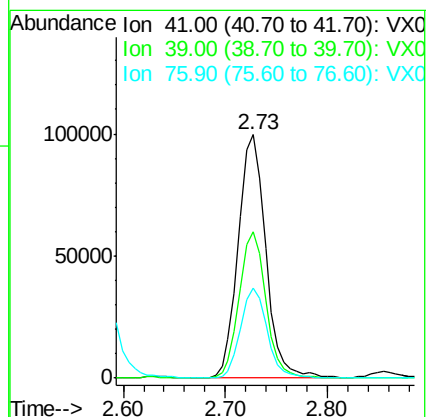
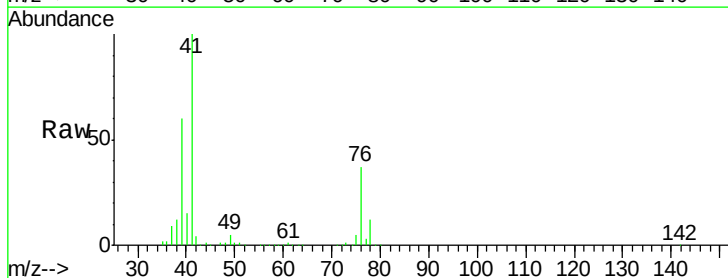
Tgt Ion: 41 Resp: 187175

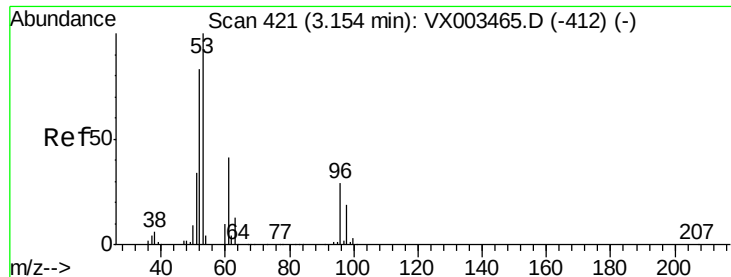
Ion Ratio Lower Upper

41 100

39 58.4 56.8 85.2

76 35.7 23.8 35.8





#15

Acrylonitrile

Concen: 250.55 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

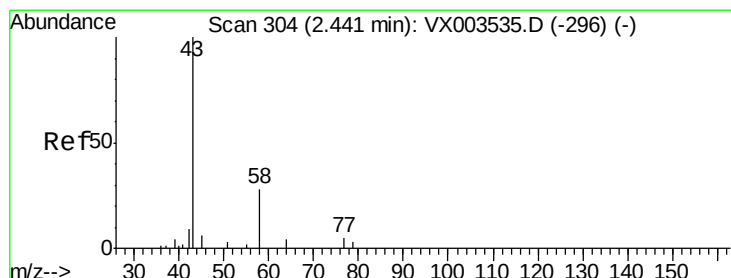
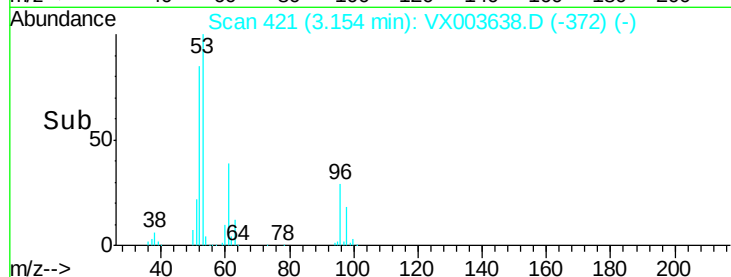
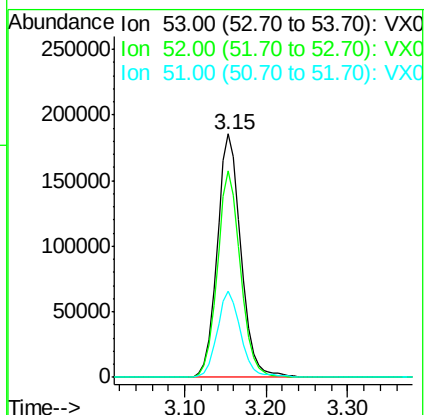
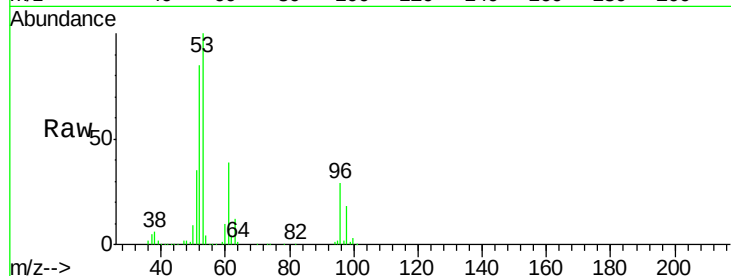
Tot Ion: 53 Resp: 374305

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

51 35.2 29.9 44.9



#16

Acetone

Concen: 277.15 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003638.D

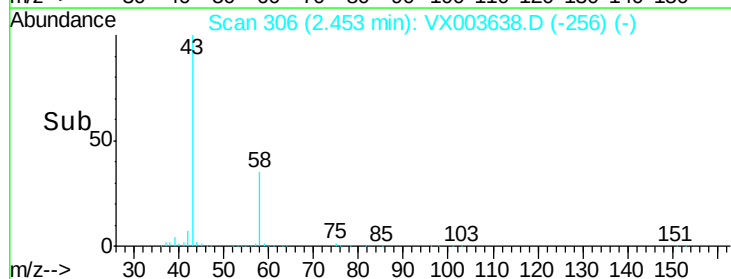
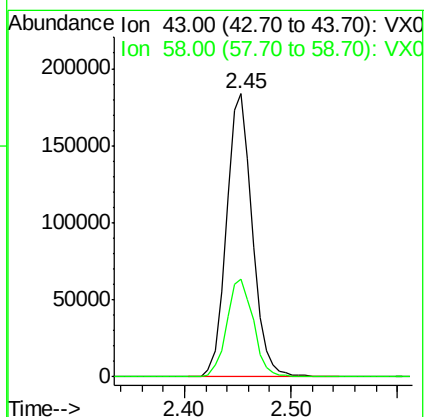
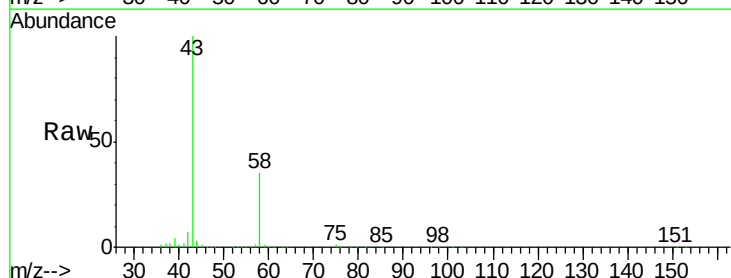
Acq: 24 Jul 2018 07:36

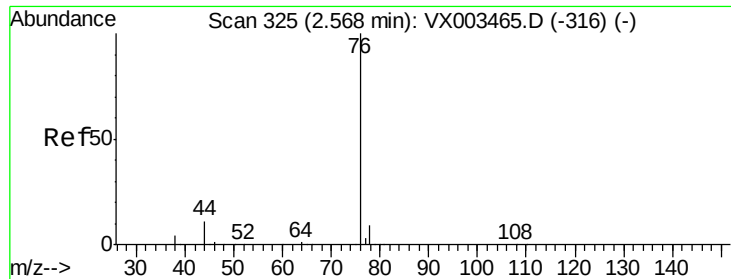
Tgt Ion: 43 Resp: 310438

Ion Ratio Lower Upper

43 100

58 34.8 22.1 33.1#





#17

Carbon Disulfide

Concen: 43.35 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

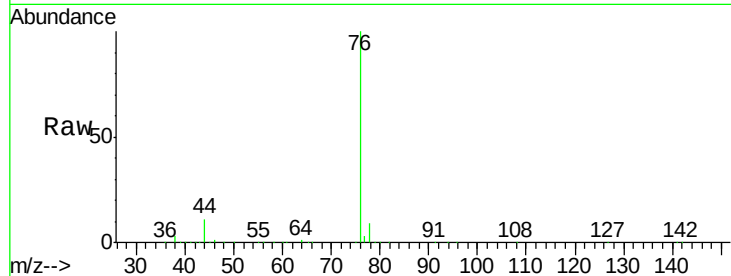
ClientSampleId :

Tot Ion: 76 Resp: 299950

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

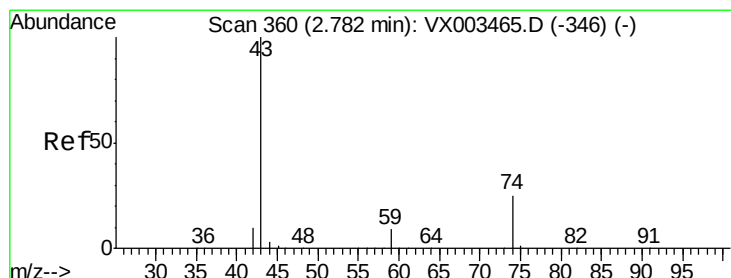
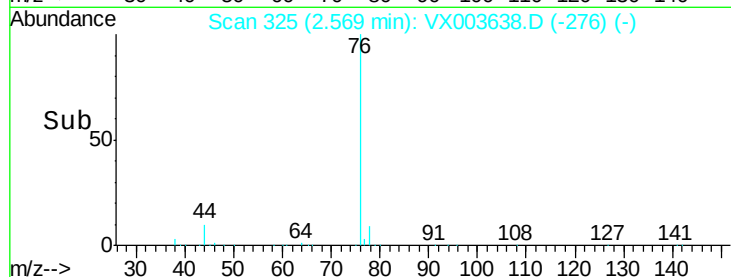
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.67 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003638.D

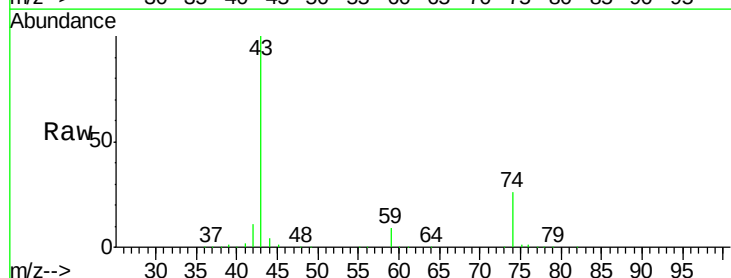
Acq: 24 Jul 2018 07:36

Tgt Ion: 43 Resp: 154198

Ion Ratio Lower Upper

43 100

74 26.1 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

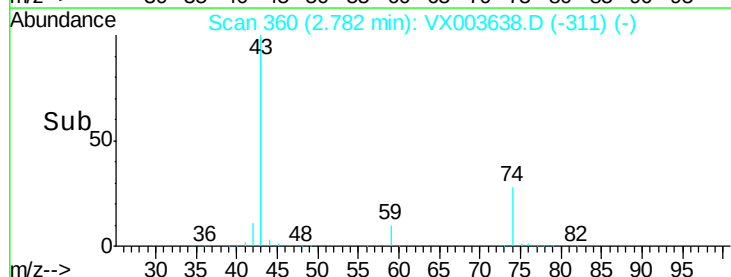
60000

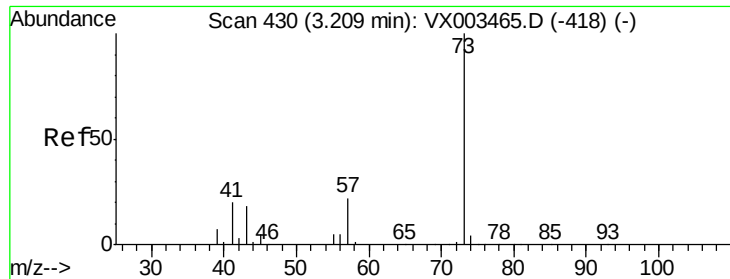
40000

20000

0

Time-->

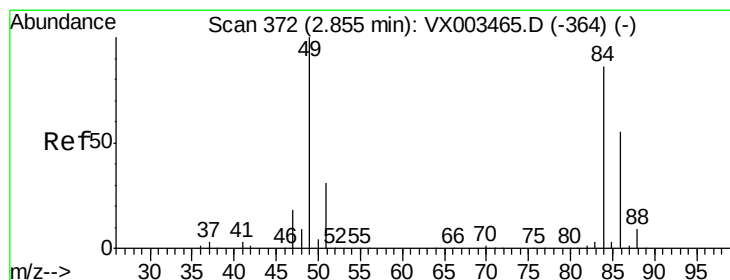
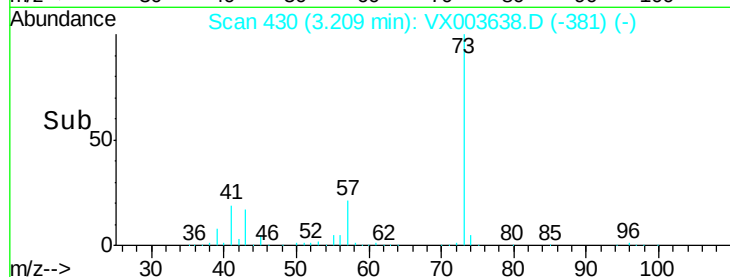
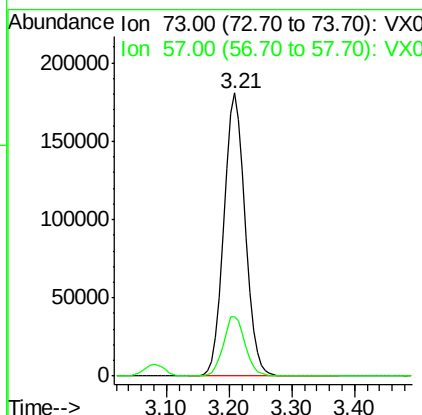
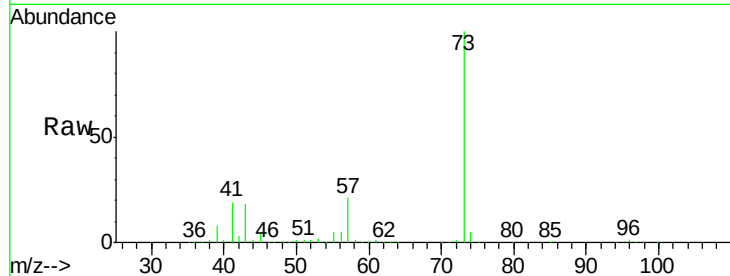




#19
Methyl tert-butyl Ether
Concen: 50.69 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

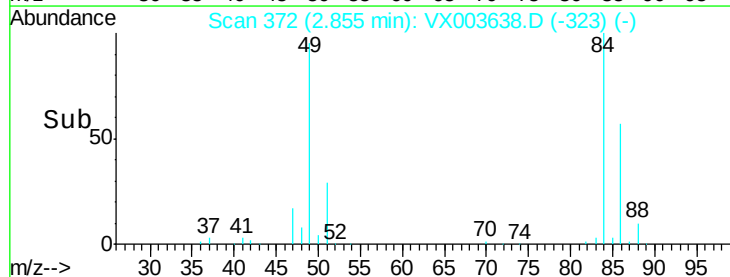
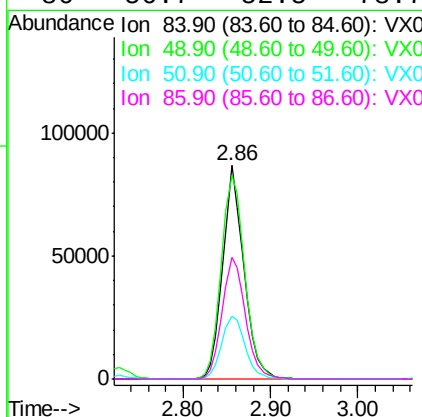
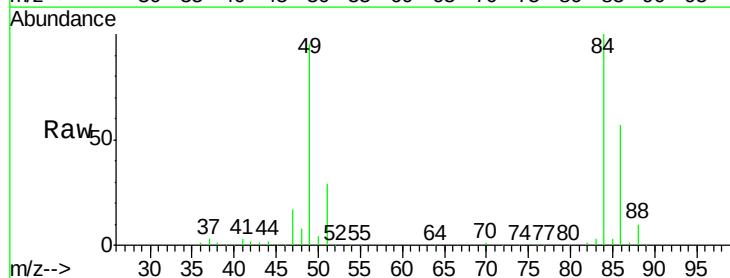
Instrument :
MSVOA_X
ClientSampled :

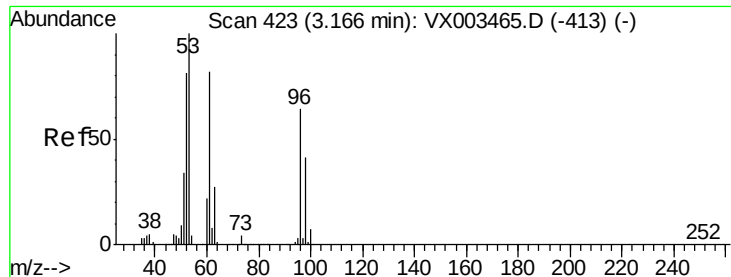
Tot Ion: 73 Resp: 423567
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 53.17 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion: 84 Resp: 145464
Ion Ratio Lower Upper
84 100
49 95.4 107.8 161.6#
51 29.3 32.8 49.2#
86 56.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.56 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :
MSVOA_X
ClientSampled :

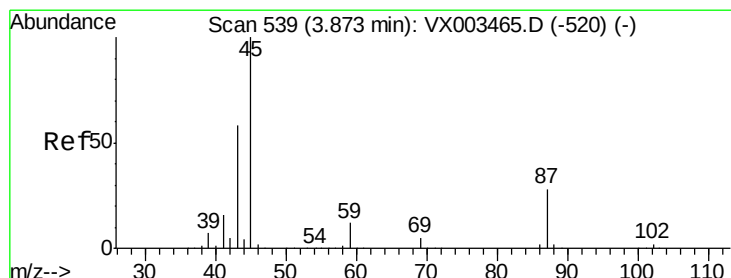
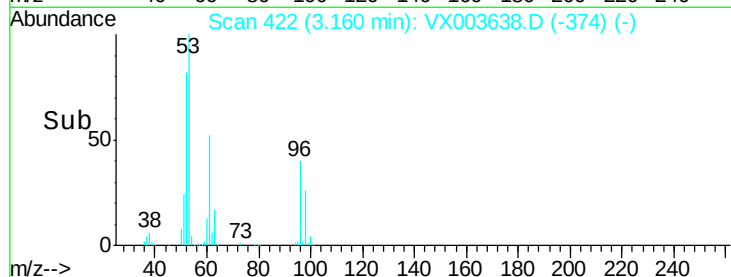
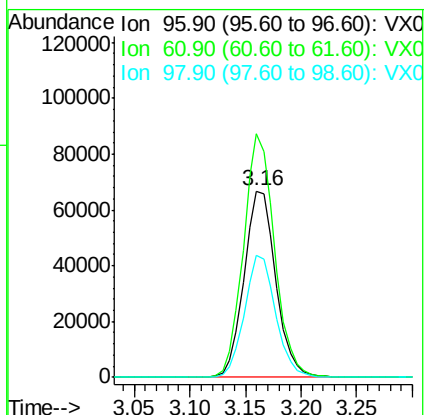
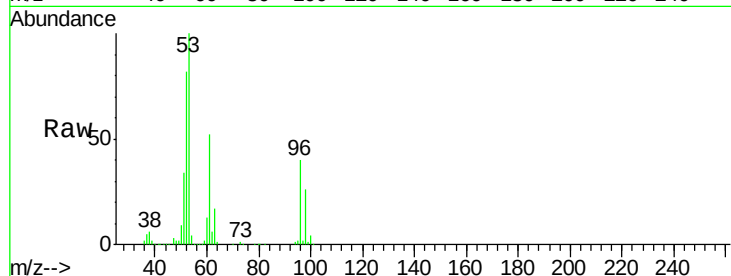
Tot Ion: 96 Resp: 132537

Ion Ratio Lower Upper

96 100

61 130.4 117.0 175.4

98 65.4 52.4 78.6



#22

Diisopropyl ether

Concen: 48.03 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Tgt Ion: 45 Resp: 409357

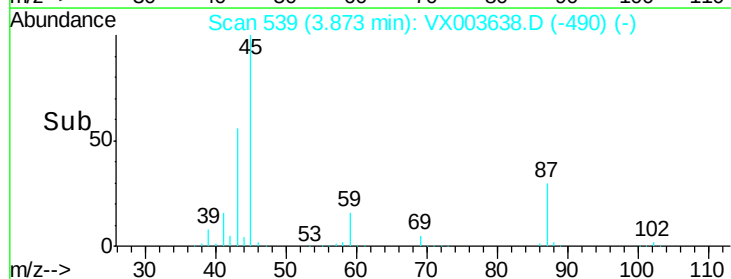
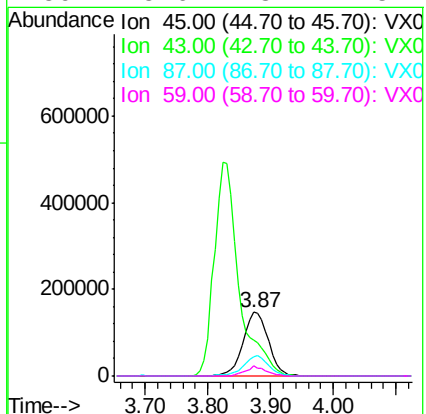
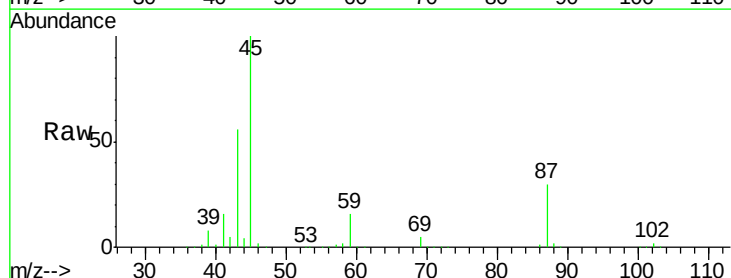
Ion Ratio Lower Upper

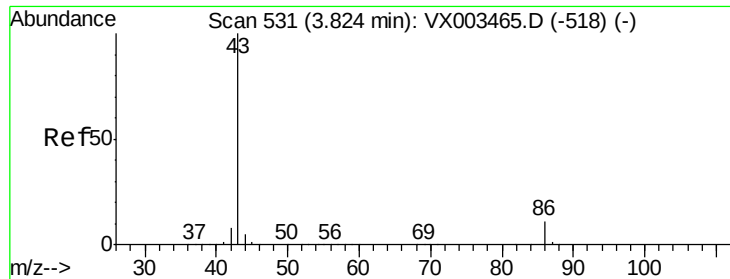
45 100

43 55.5 46.8 70.2

87 29.8 20.2 30.4

59 15.6 8.7 13.1#





#23

Vinyl Acetate

Concen: 192.48 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

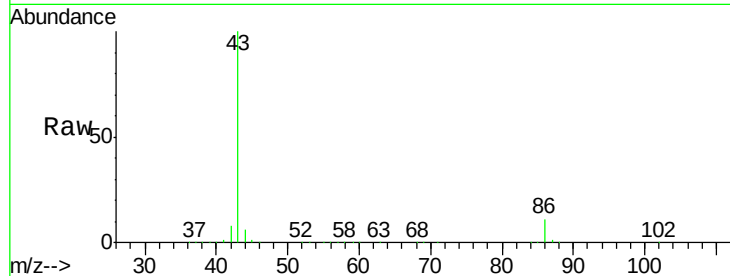
ClientSampled :

Tot Ion: 43 Resp: 1351313

Ion Ratio Lower Upper

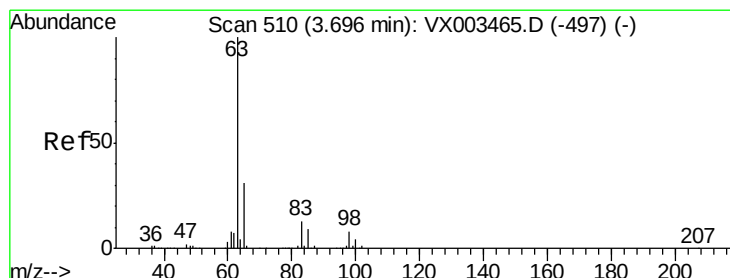
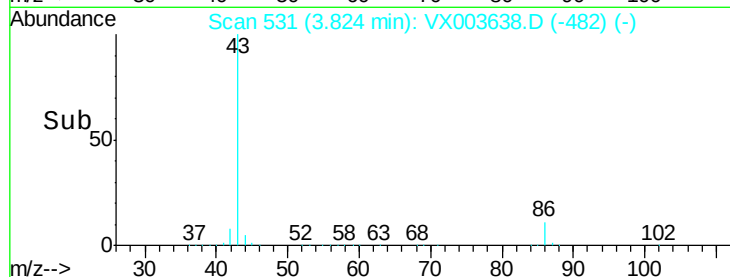
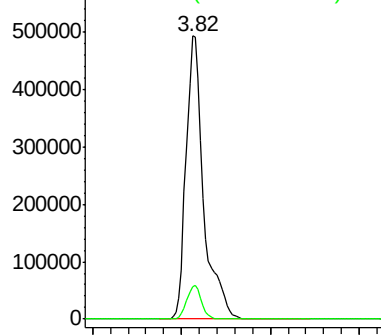
43 100

86 11.3 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

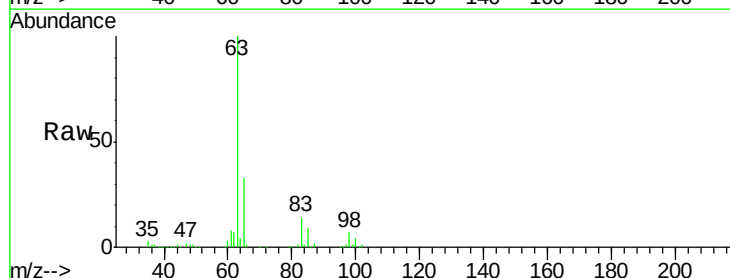
Tgt Ion: 63 Resp: 244171

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

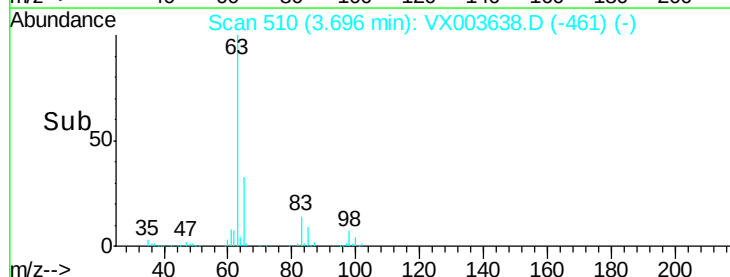
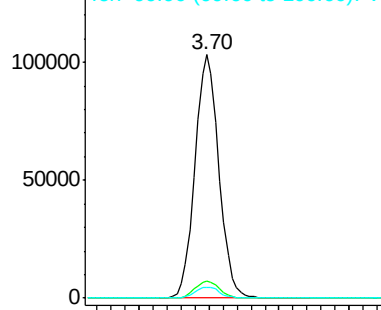
100 4.3 2.0 6.0

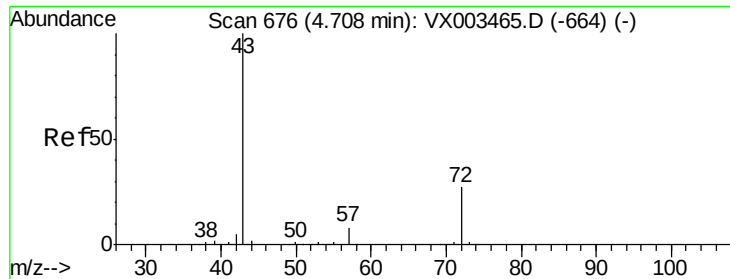


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.04 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

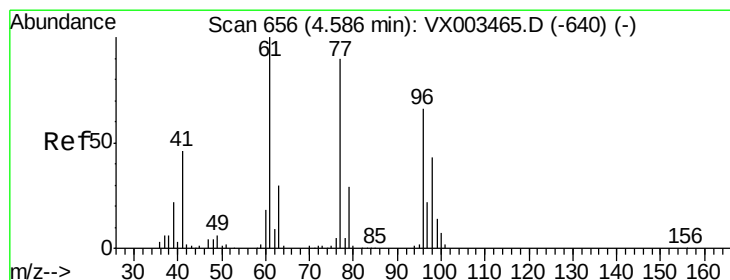
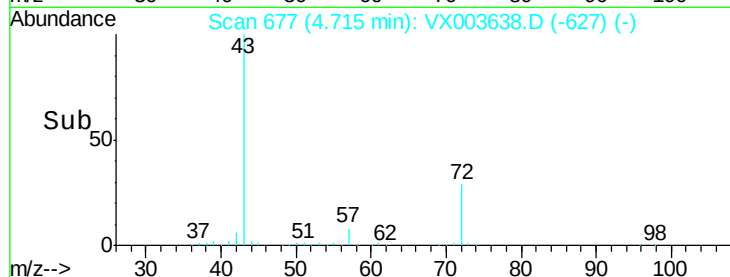
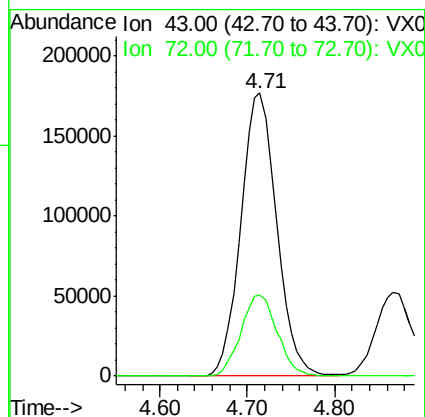
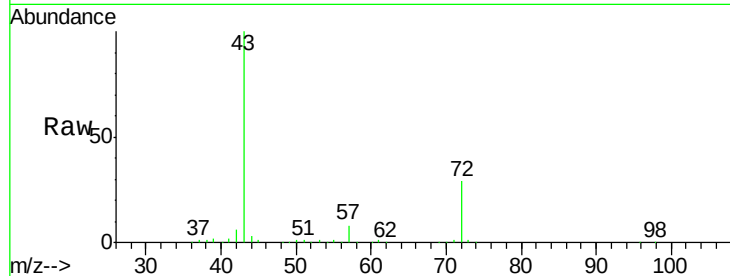
ClientSampleId :

Tot Ion: 43 Resp: 503751

Ion Ratio Lower Upper

43 100

72 28.9 18.5 27.7#



#26

2,2-Dichloropropane

Concen: 19.18 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003638.D

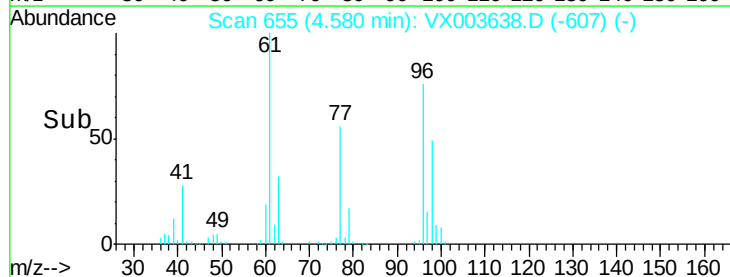
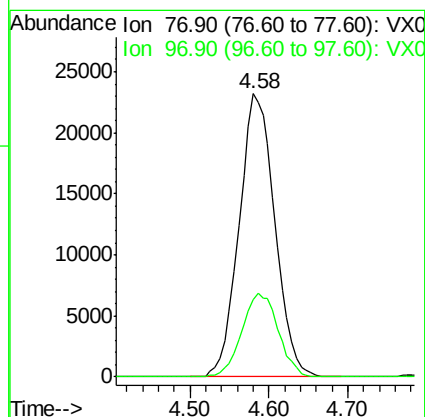
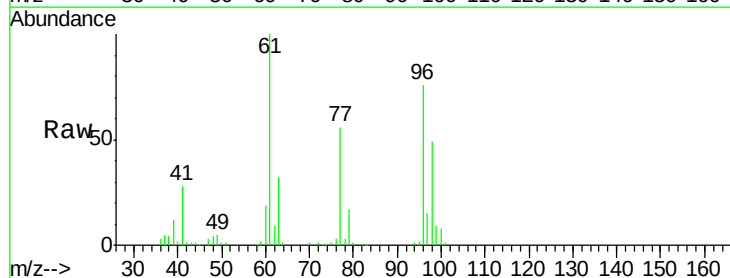
Acq: 24 Jul 2018 07:36

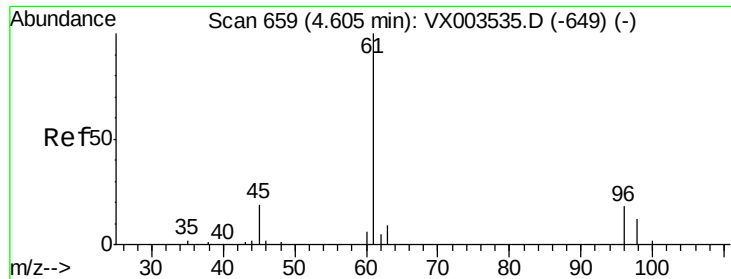
Tgt Ion: 77 Resp: 72858

Ion Ratio Lower Upper

77 100

97 30.2 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 48.83 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

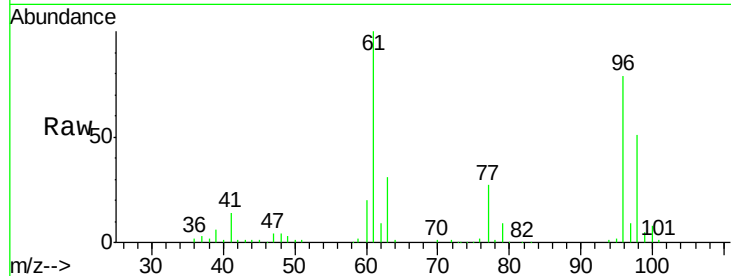
Tot Ion: 96 Resp: 154795

Ion Ratio Lower Upper

96 100

61 148.3 0.0 330.2

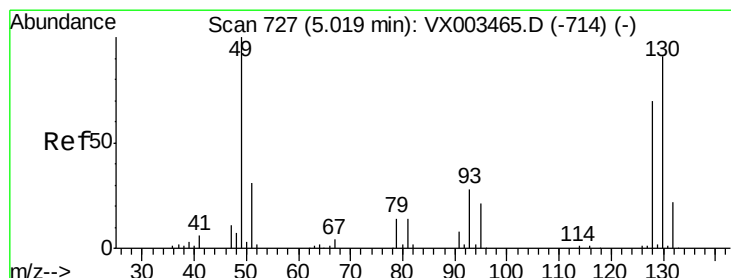
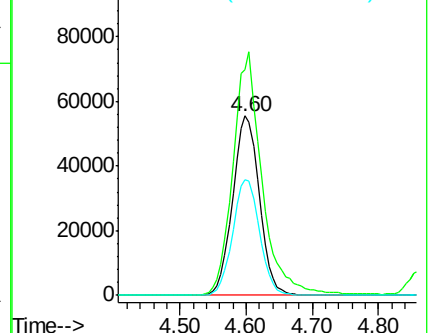
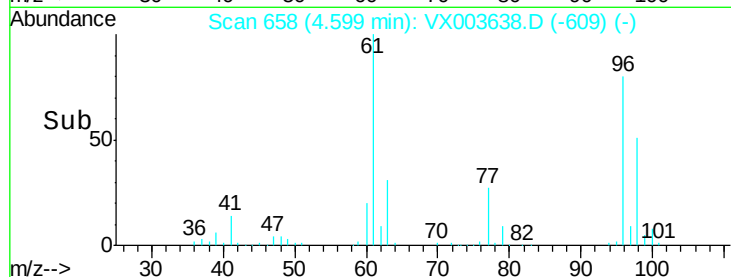
98 65.1 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 46.55 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

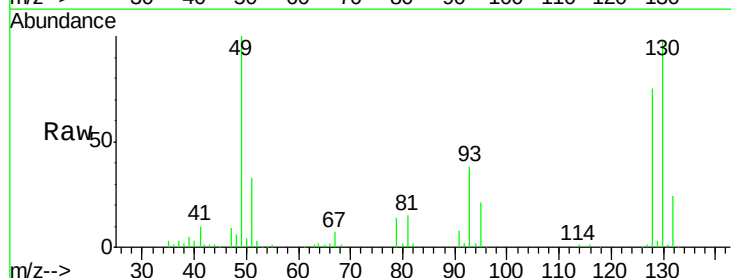
Tgt Ion: 49 Resp: 101752

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

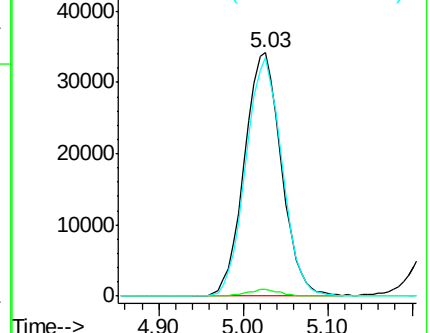
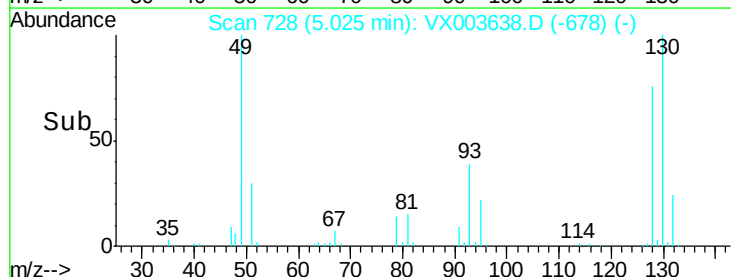
130 96.1 61.2 91.8#

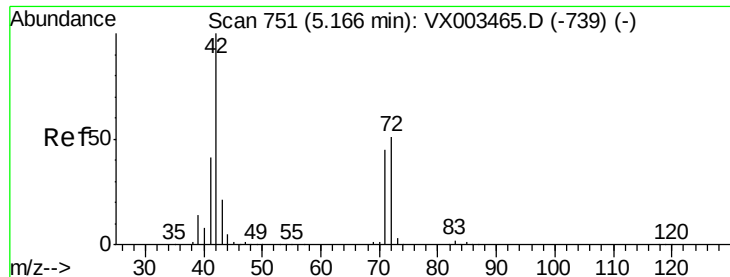


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 261.51 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

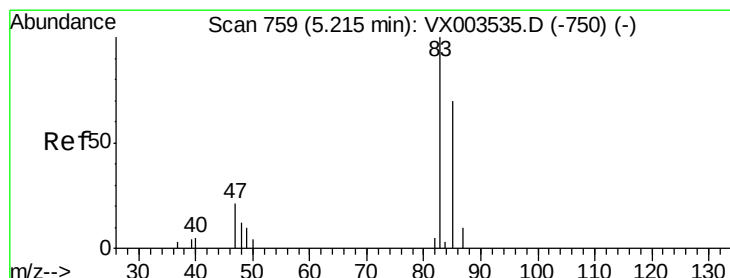
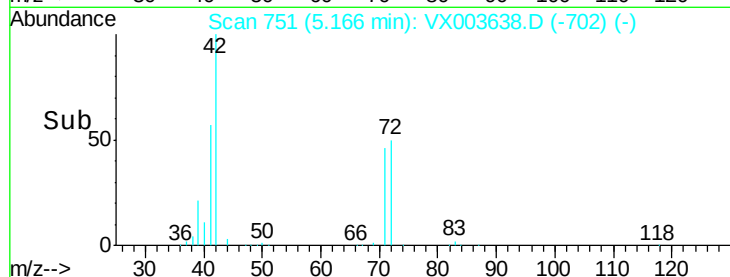
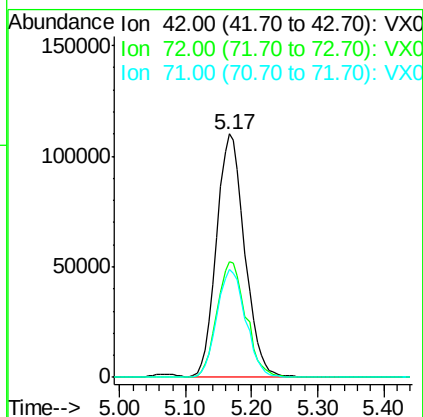
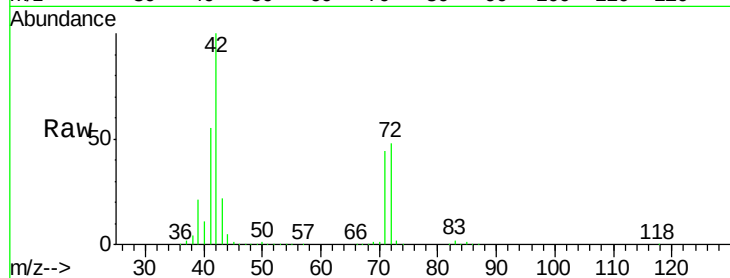
Tot Ion: 42 Resp: 324663

Ion Ratio Lower Upper

42 100

72 48.7 32.0 48.0#

71 45.2 30.1 45.1#



#30

Chloroform

Concen: 51.50 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003638.D

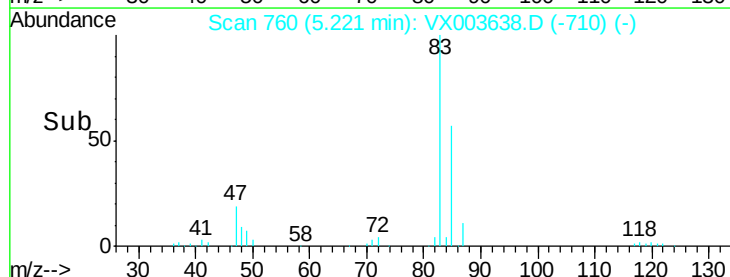
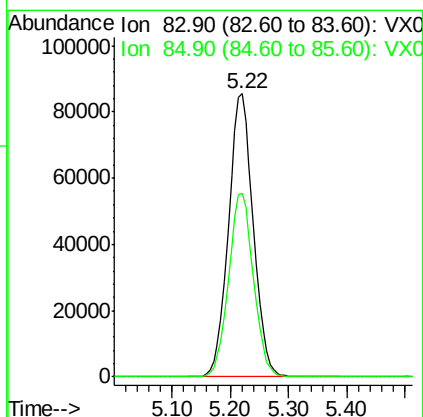
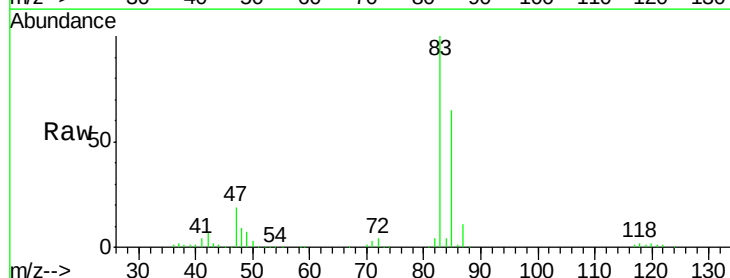
Acq: 24 Jul 2018 07:36

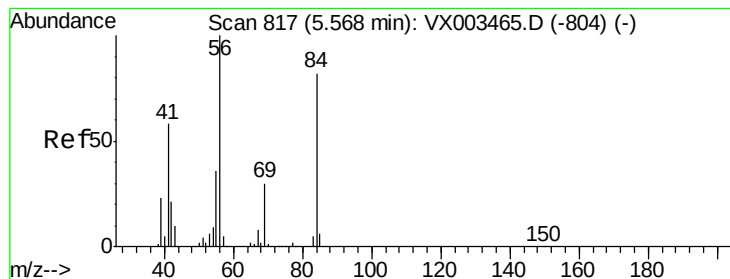
Tgt Ion: 83 Resp: 251460

Ion Ratio Lower Upper

83 100

85 64.7 50.4 75.6





#31

Cyclohexane

Concen: 44.59 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

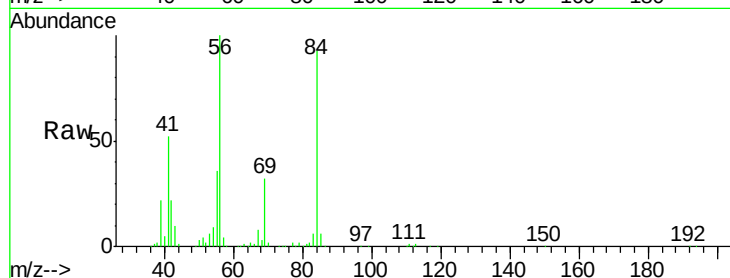
Tot Ion: 56 Resp: 199242

Ion Ratio Lower Upper

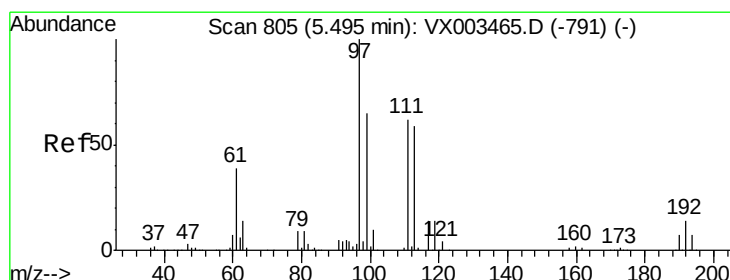
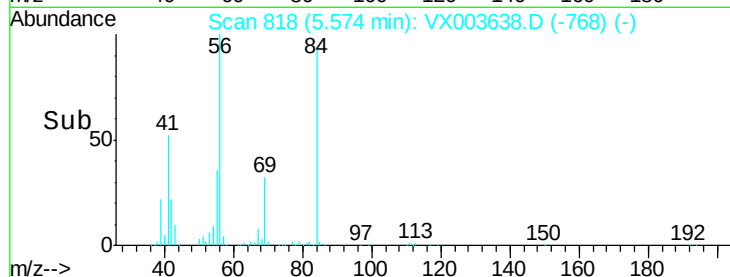
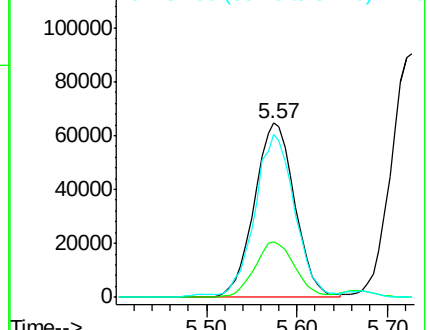
56 100

69 31.6 23.7 35.5

84 92.0 64.1 96.1



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: 51.90 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

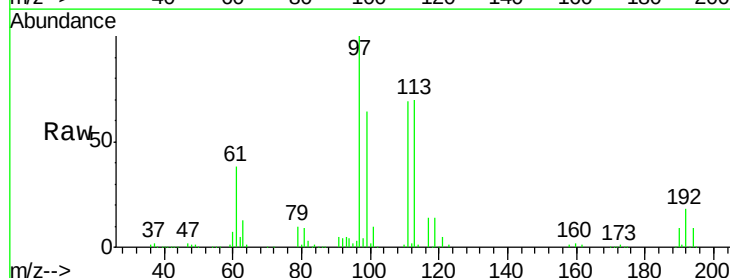
Tgt Ion: 97 Resp: 217025

Ion Ratio Lower Upper

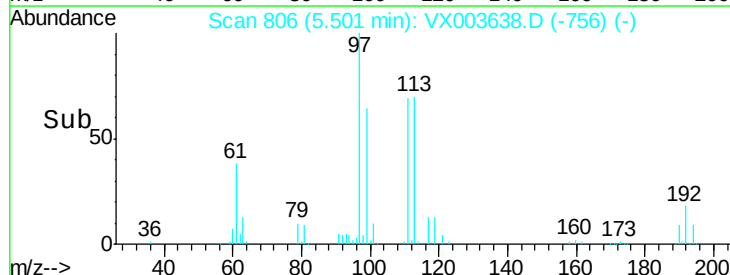
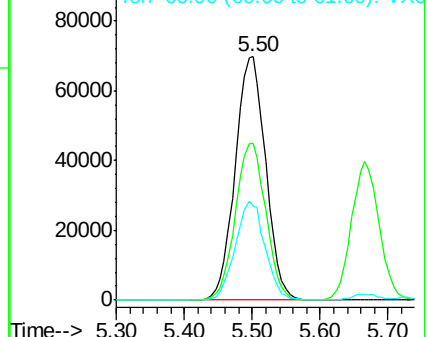
97 100

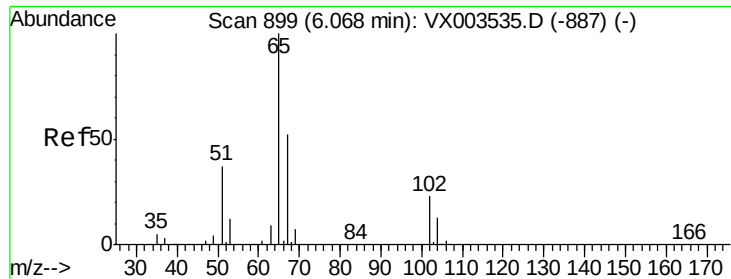
99 64.4 51.6 77.4

61 39.7 36.4 54.6



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

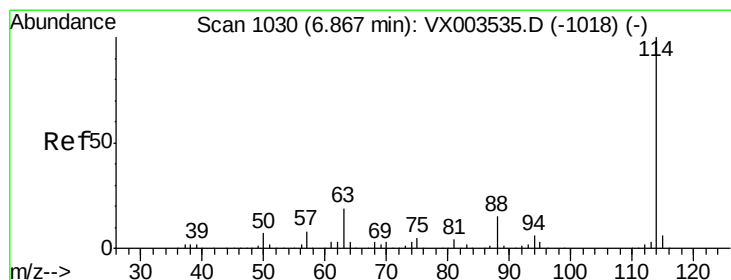
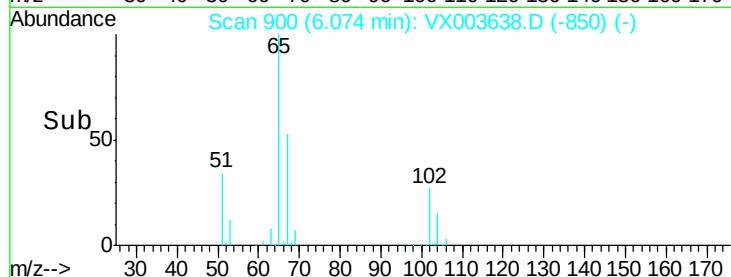
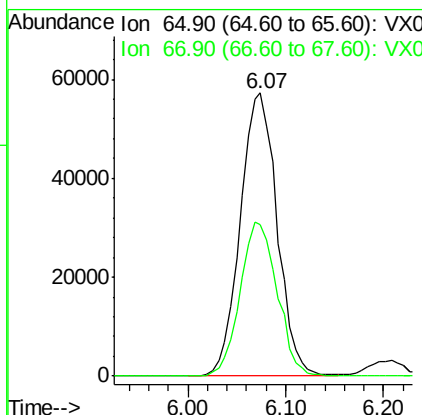
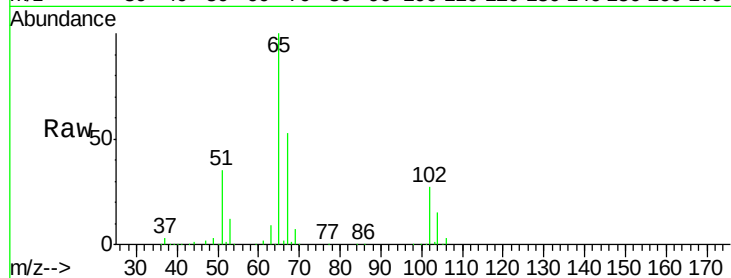




#33
 1,2-Dichloroethane-d4
 Concen: 50.53 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

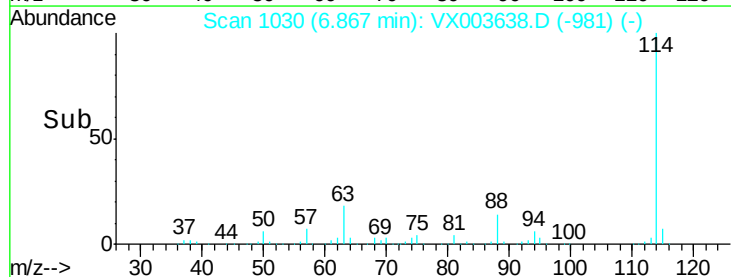
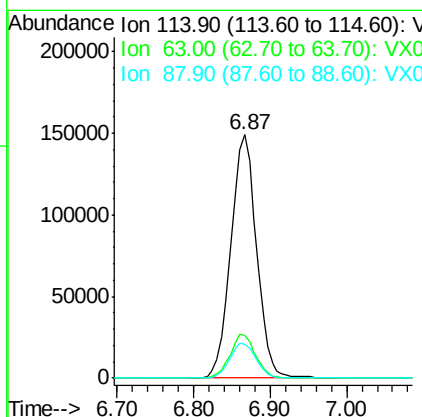
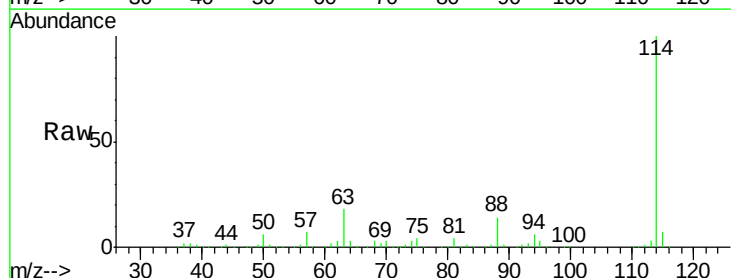
Instrument :
 MSVOA_X
 ClientSampleId :

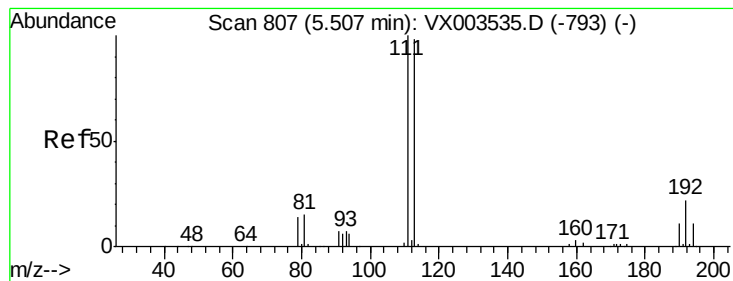
Tot Ion: 65 Resp: 149847
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion: 114 Resp: 347862
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 41.4
 88 14.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.42 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

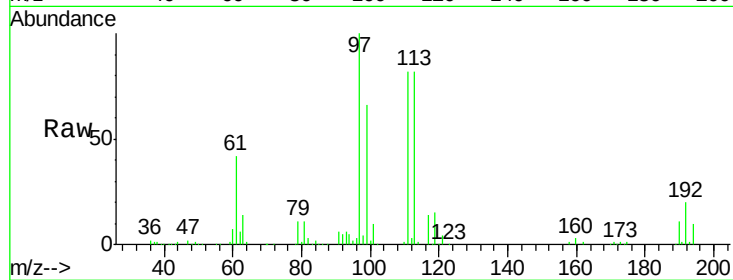
Tot Ion:113 Resp: 141528

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

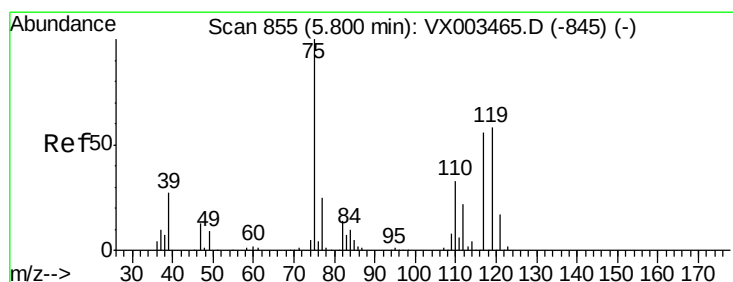
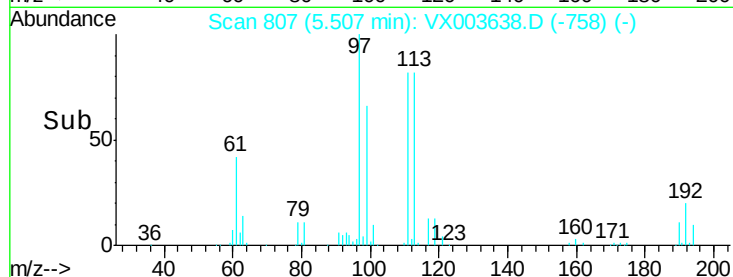
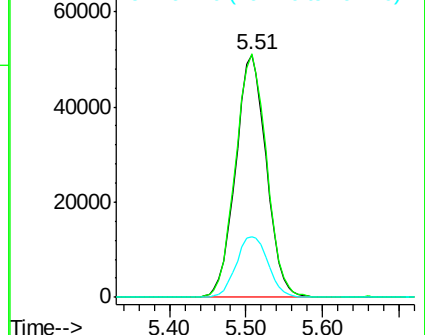
192 26.2 19.1 28.7



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: 47.64 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

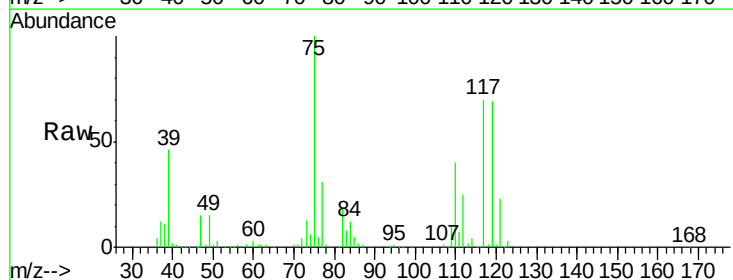
Tgt Ion: 75 Resp: 178936

Ion Ratio Lower Upper

75 100

110 41.5 18.1 54.4

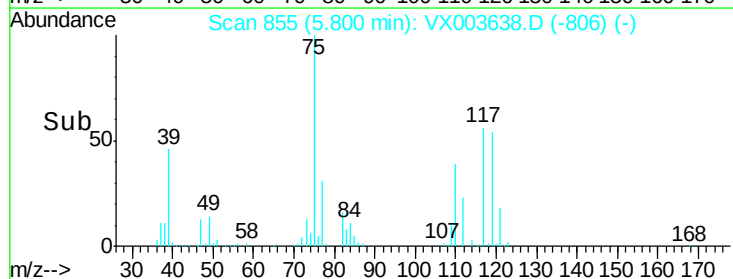
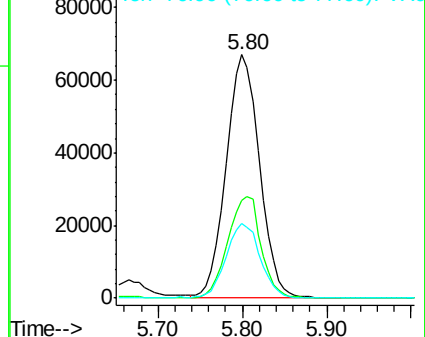
77 31.7 24.3 36.5

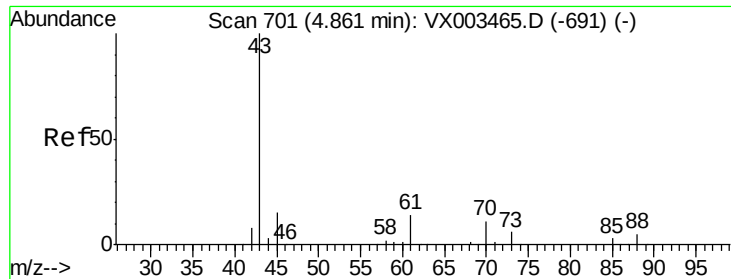


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

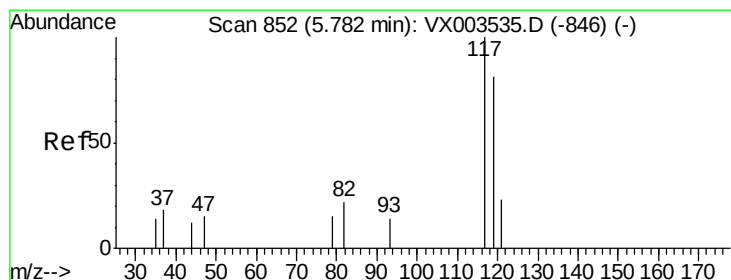
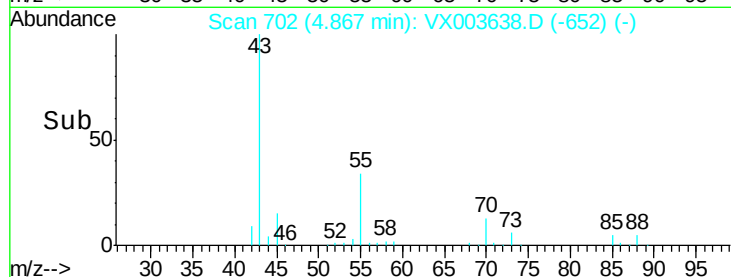
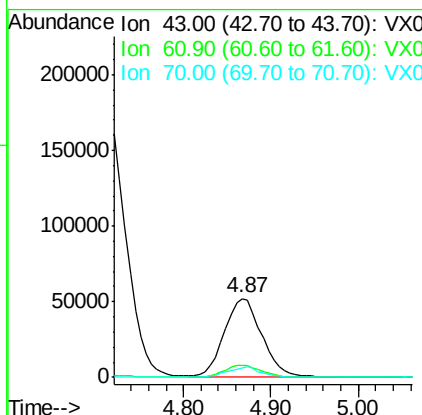
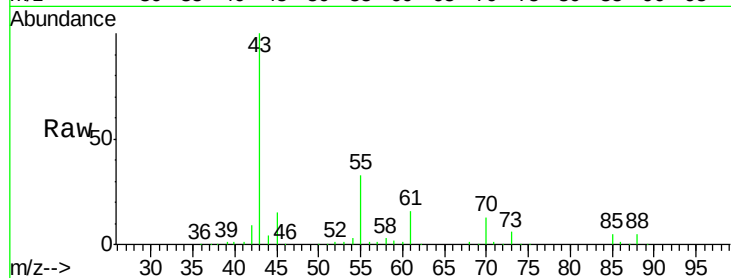




#37
Ethyl Acetate
Concen: 43.30 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

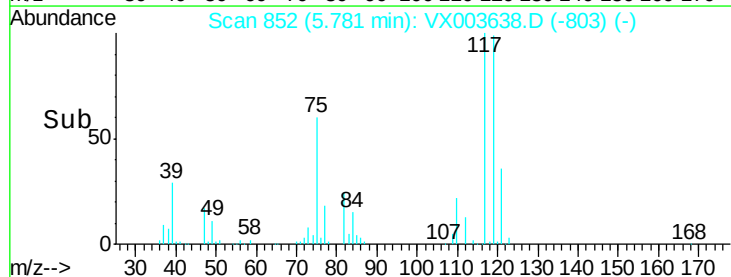
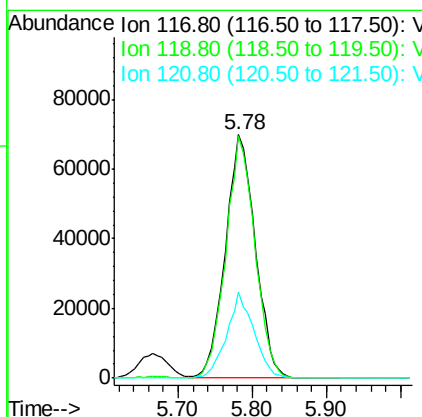
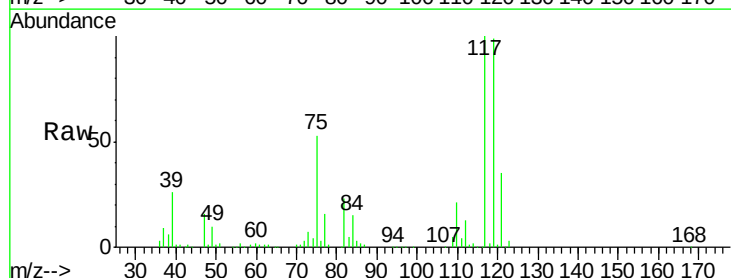
Instrument :
MSVOA_X
ClientSampleId :

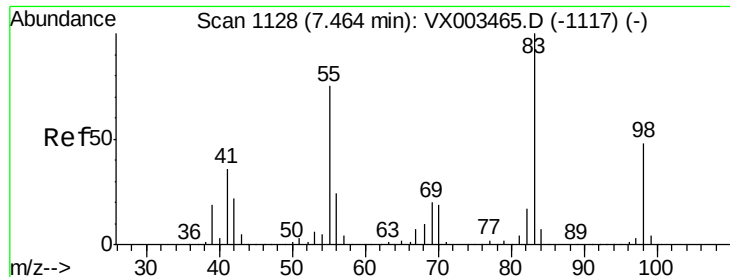
Tot Ion: 43 Resp: 153889
Ion Ratio Lower Upper
43 100
61 15.5 10.4 15.6
70 12.0 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 53.43 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion: 117 Resp: 196841
Ion Ratio Lower Upper
117 100
119 99.3 77.4 116.0
121 35.2 24.4 36.6

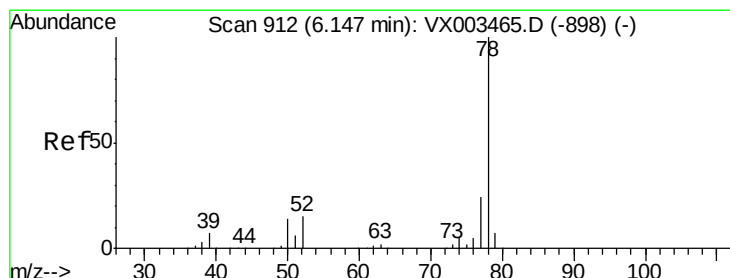
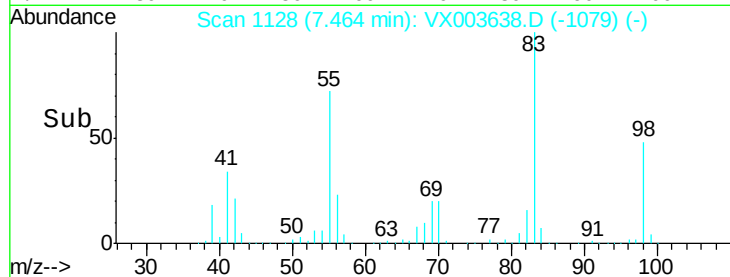
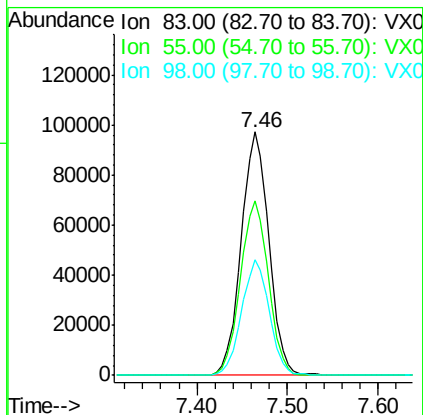
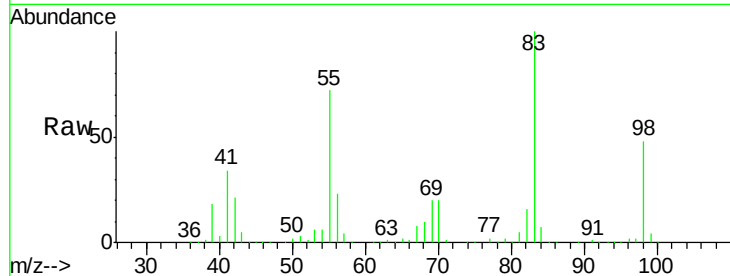




#39
Methylvlcyclohexane
Concen: 46.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

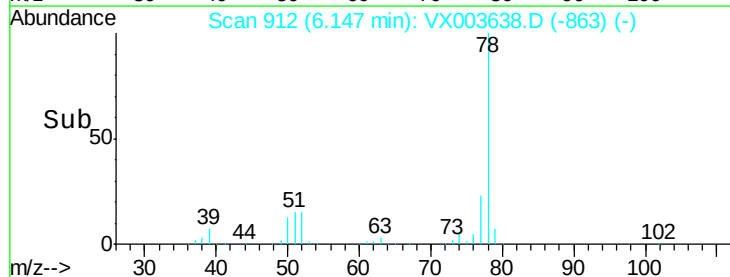
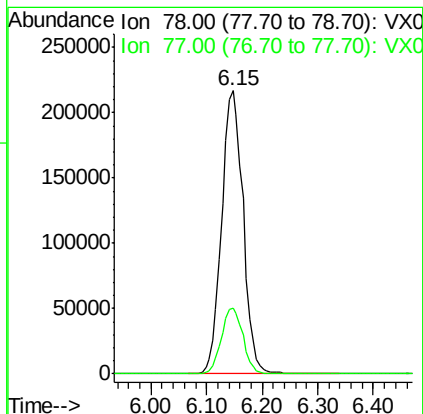
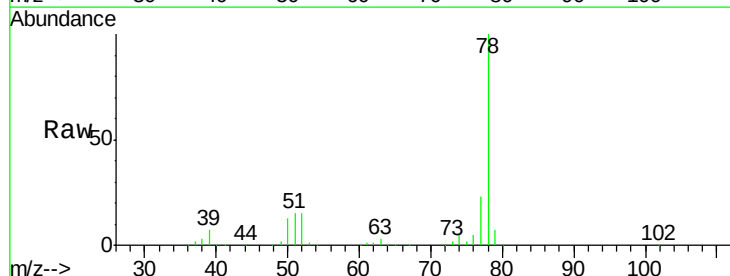
Instrument :
MSVOA_X
ClientSampleId :

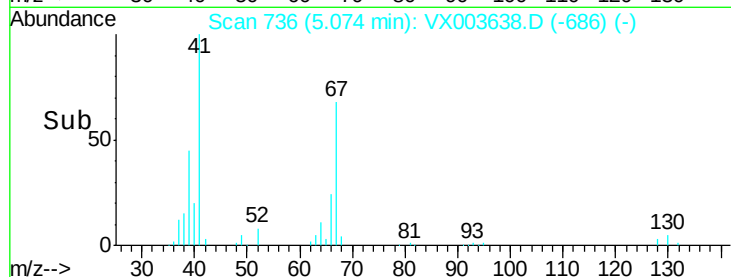
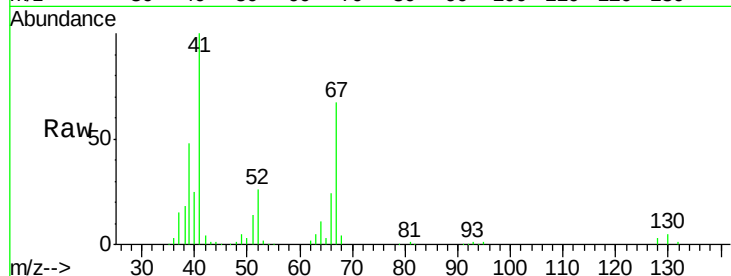
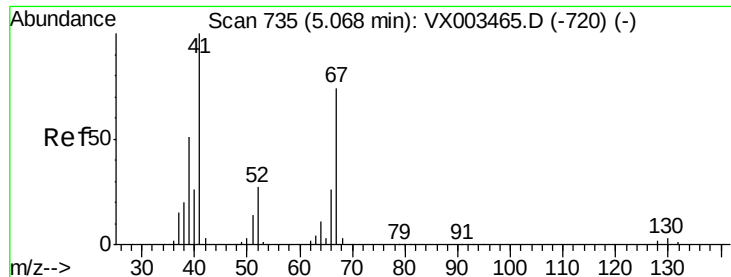
Tot Ion: 83 Resp: 205901
Ion Ratio Lower Upper
83 100
55 71.8 65.4 98.0
98 47.6 37.4 56.0



#40
Benzene
Concen: 51.03 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

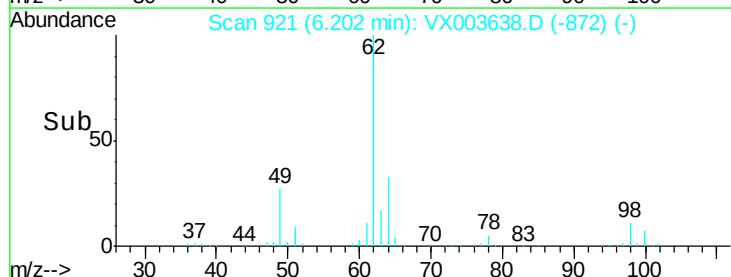
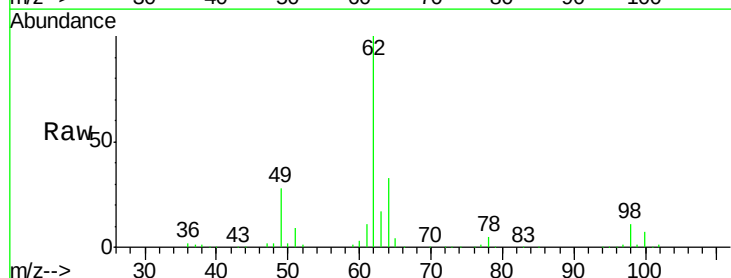
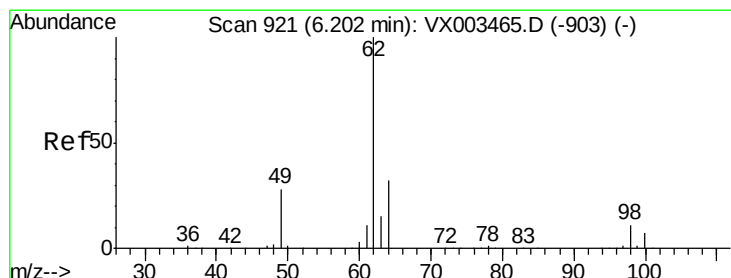
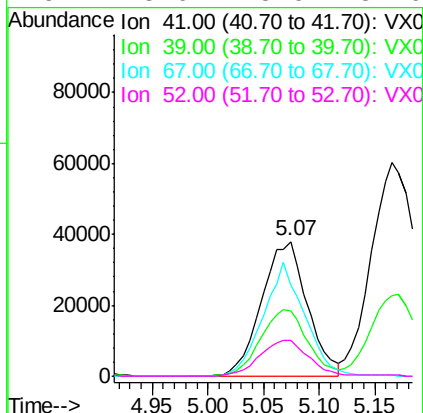
Tgt Ion: 78 Resp: 578682
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





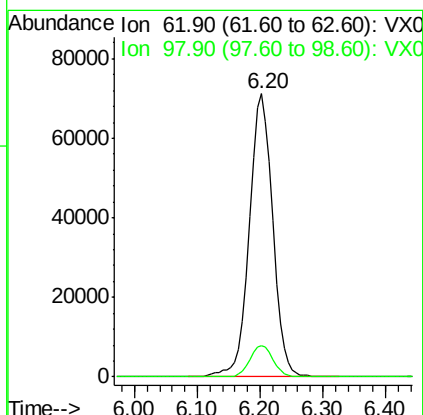
#41
Methacrylonitrile
Concen: 52.16 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

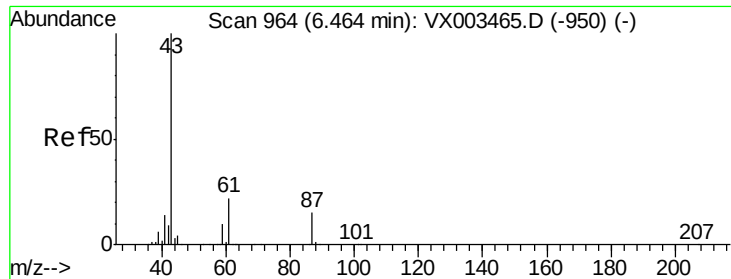
Tot Ion: 41 Resp: 108945
Ion Ratio Lower Upper
41 100
39 50.5 45.8 68.6
67 76.6 51.3 76.9
52 28.6 23.0 34.6



#42
1,2-Dichloroethane
Concen: 51.57 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion: 62 Resp: 184237
Ion Ratio Lower Upper
62 100
98 11.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 48.15 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

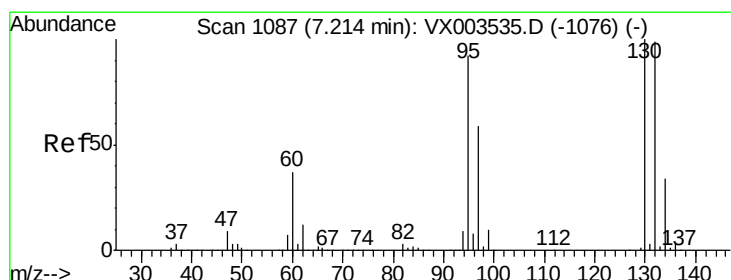
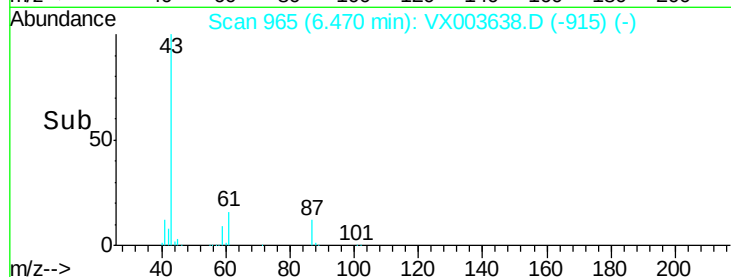
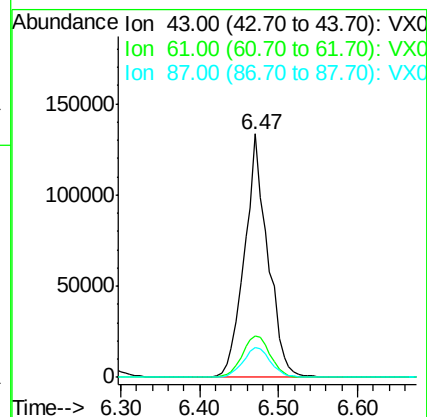
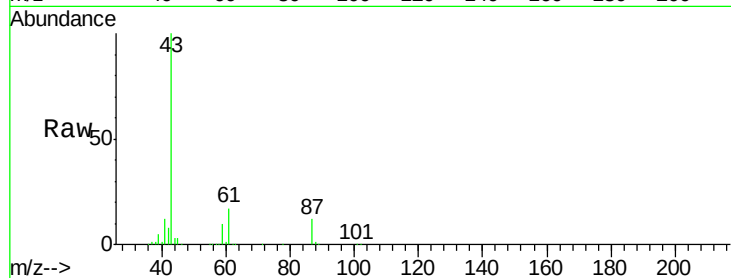
Tot Ion: 43 Resp: 272224

Ion Ratio Lower Upper

43 100

61 20.8 14.4 21.6

87 14.7 9.5 14.3#



#44

Trichloroethene

Concen: 52.84 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003638.D

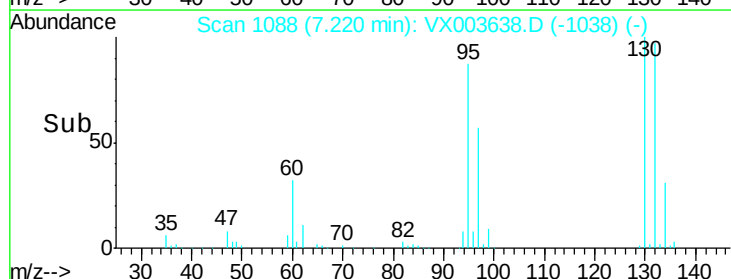
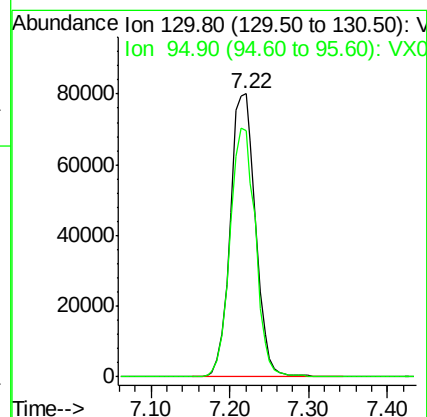
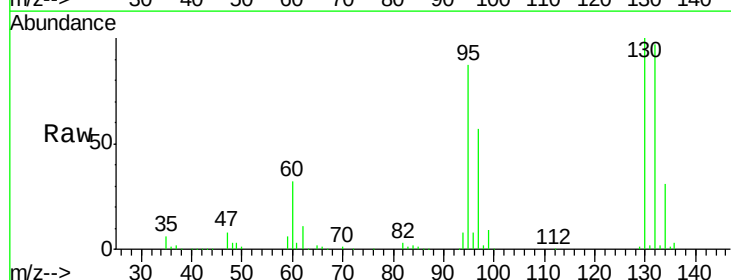
Acq: 24 Jul 2018 07:36

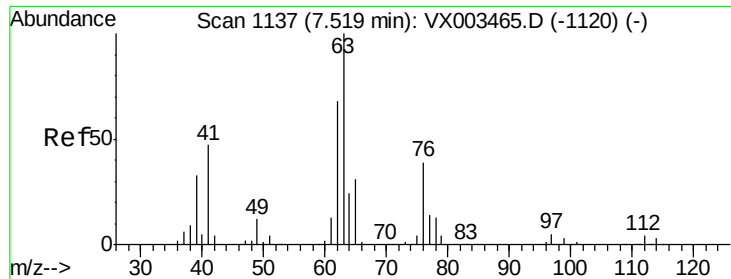
Tgt Ion:130 Resp: 178689

Ion Ratio Lower Upper

130 100

95 86.8 0.0 185.4

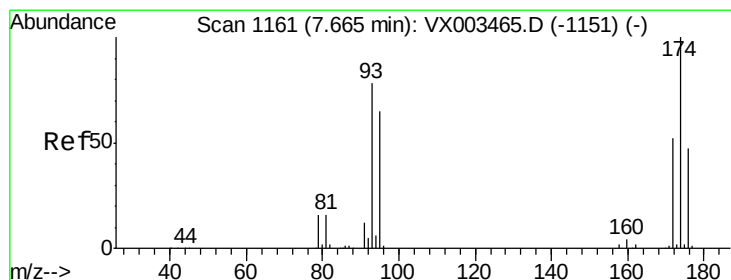
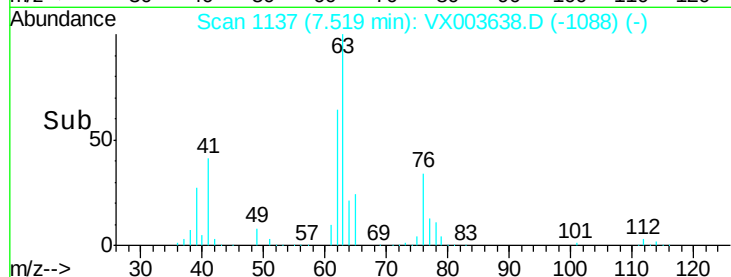
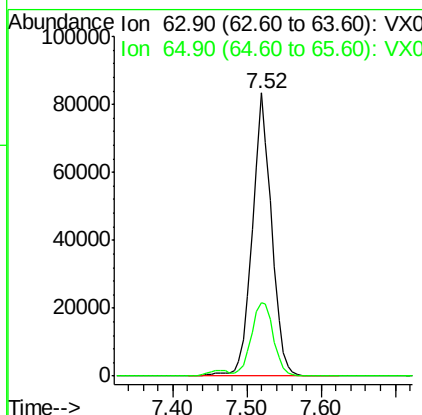
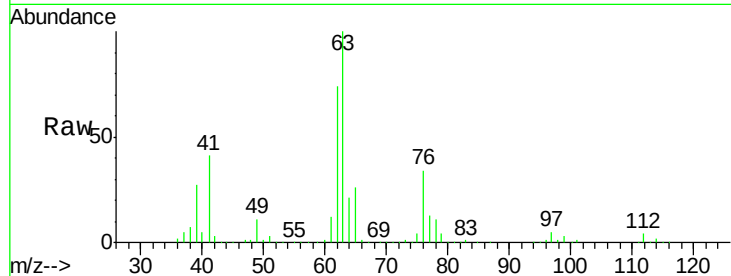




#45
 1,2-Dichloropropane
 Concen: 52.73 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

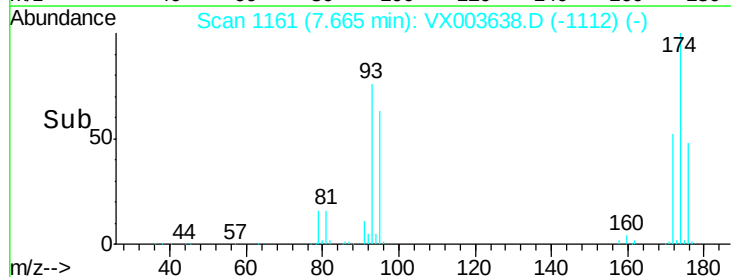
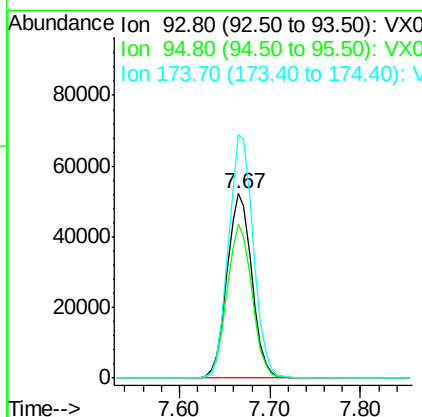
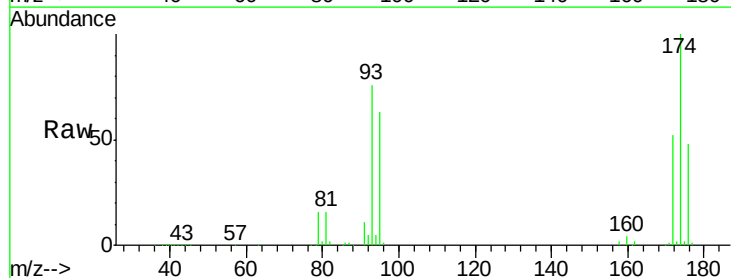
Instrument :
 MSVOA_X
 ClientSampleId :

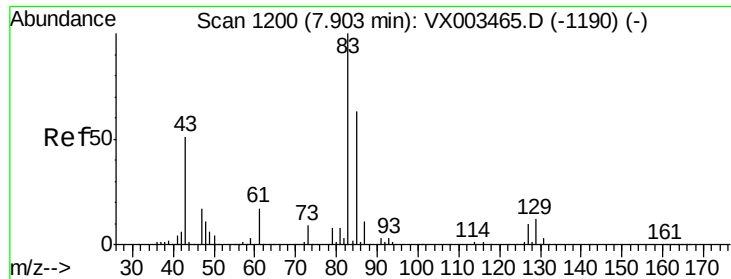
Tot Ion: 63 Resp: 151814
 Ion Ratio Lower Upper
 63 100
 65 26.0 24.7 37.1



#46
 Dibromomethane
 Concen: 53.65 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion: 93 Resp: 99459
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 132.0 92.4 138.6





#47

Bromodichloromethane

Concen: 54.69 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :
MSVOA_X
ClientSampleId :

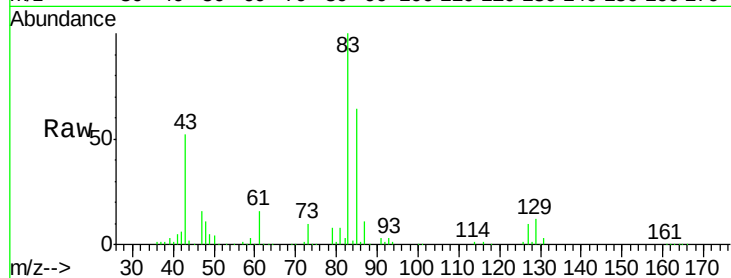
Tot Ion: 83 Resp: 185592

Ion Ratio Lower Upper

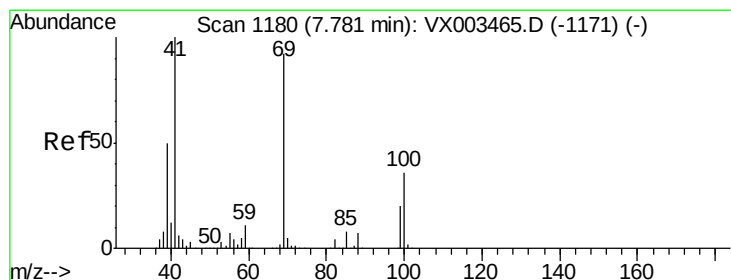
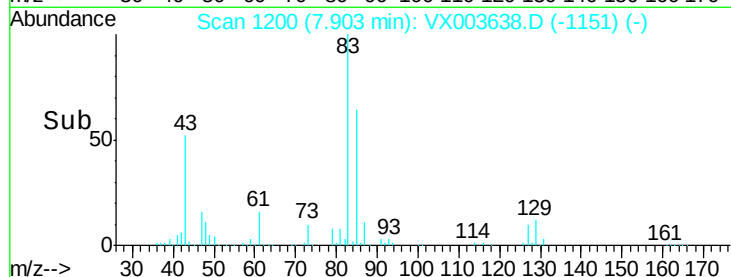
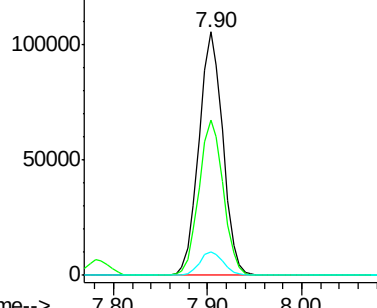
83 100

85 63.9 50.3 75.5

127 9.5 7.0 10.4



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: 52.01 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

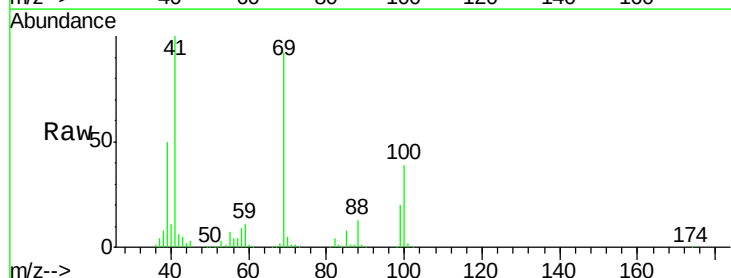
Tgt Ion: 41 Resp: 148285

Ion Ratio Lower Upper

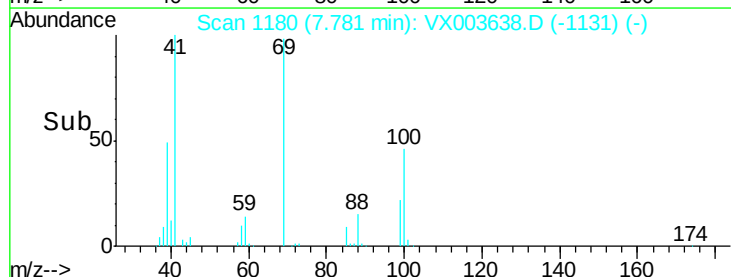
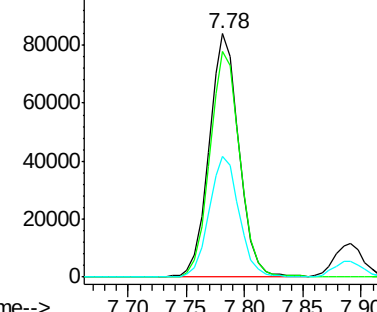
41 100

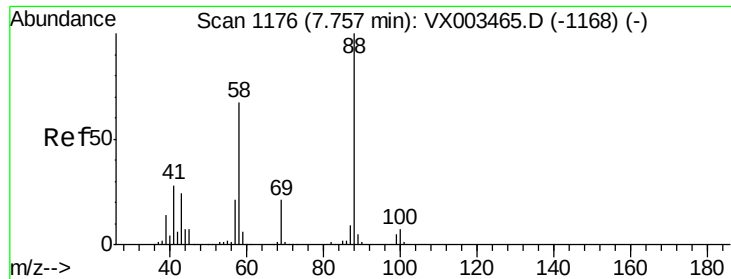
69 94.1 59.1 88.7#

39 50.2 48.9 73.3



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

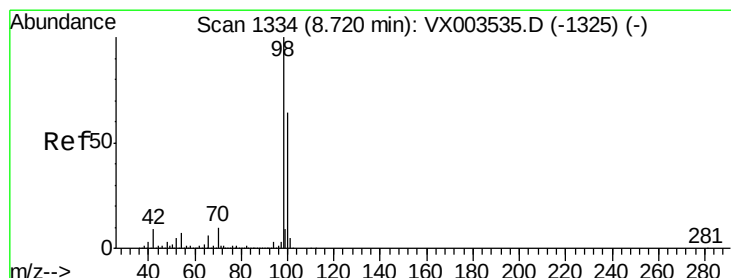
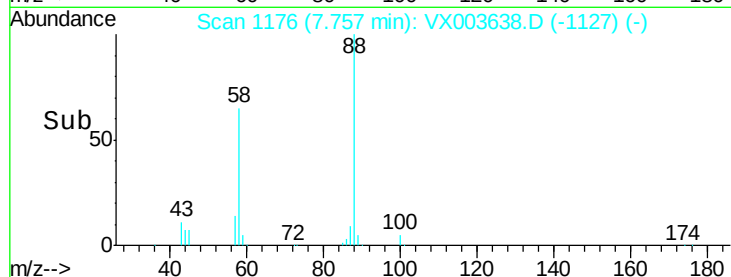
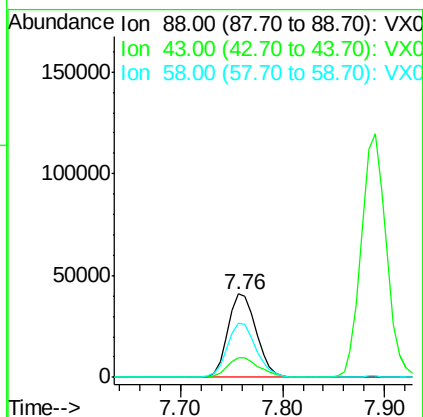
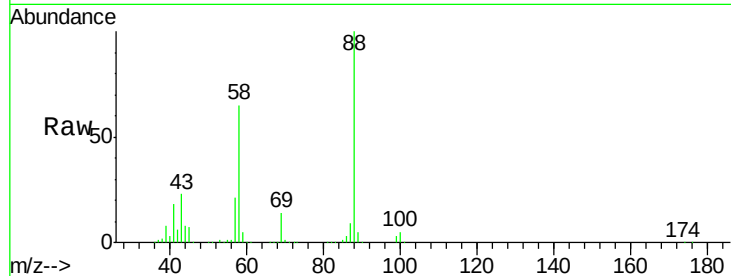




#49
 1,4-Dioxane
 Concen: 1220.99 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

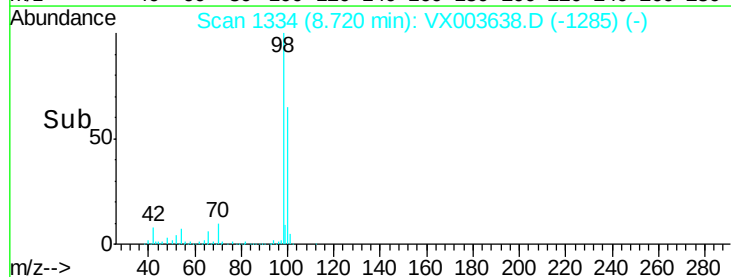
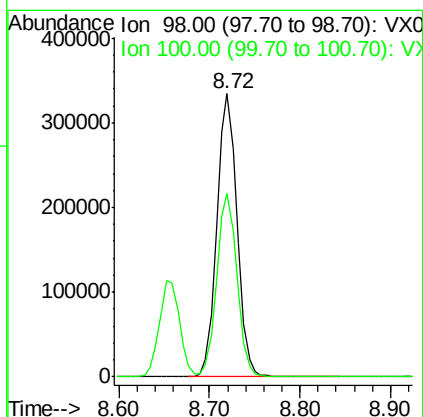
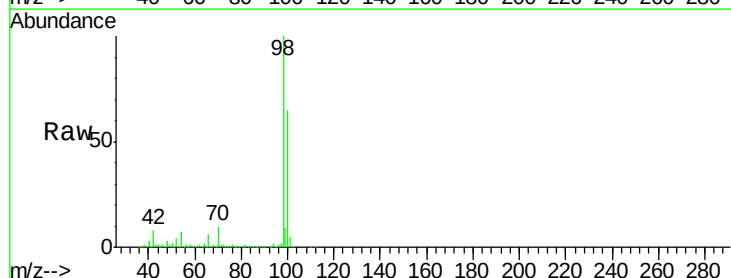
Instrument :
 MSVOA_X
 ClientSampled :

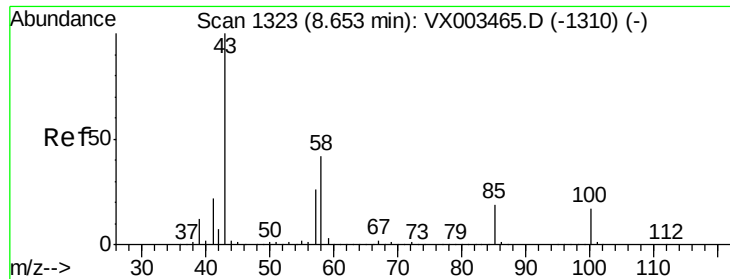
Tot Ion: 88 Resp: 78873
 Ion Ratio Lower Upper
 88 100
 43 26.3 29.8 44.6#
 58 66.4 57.1 85.7



#50
 Toluene-d8
 Concen: 52.21 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion: 98 Resp: 519981
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 277.97 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

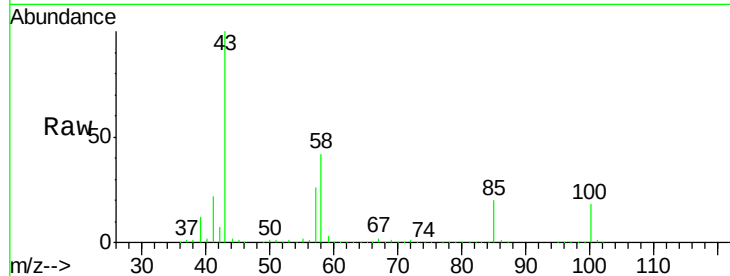
ClientSampleId :

Tot Ion: 43 Resp: 992804

Ion Ratio Lower Upper

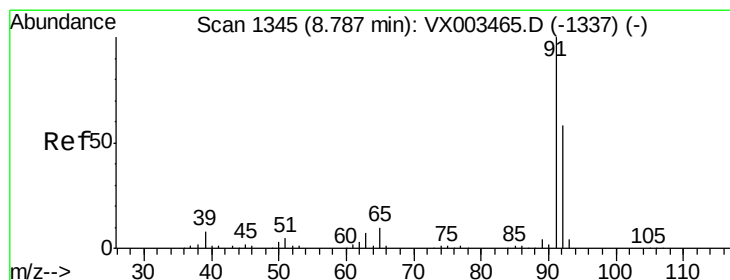
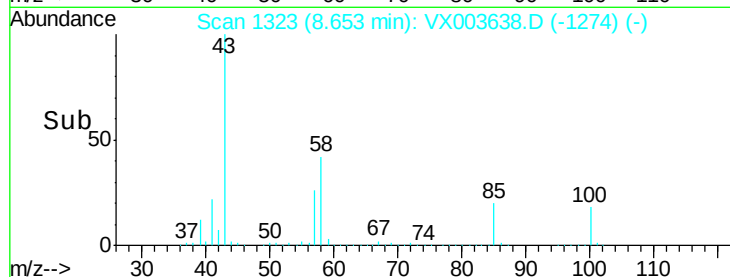
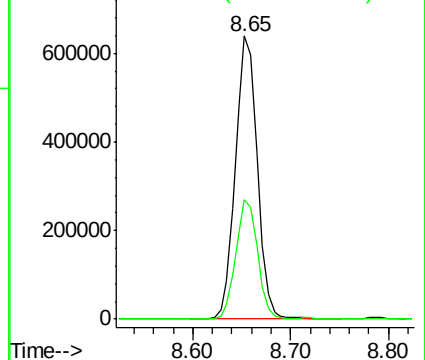
43 100

58 42.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.77 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003638.D

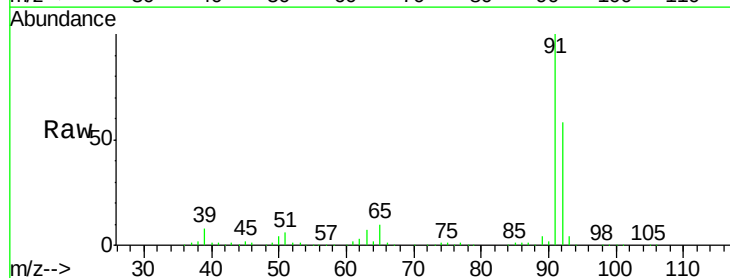
Acq: 24 Jul 2018 07:36

Tgt Ion: 92 Resp: 369539

Ion Ratio Lower Upper

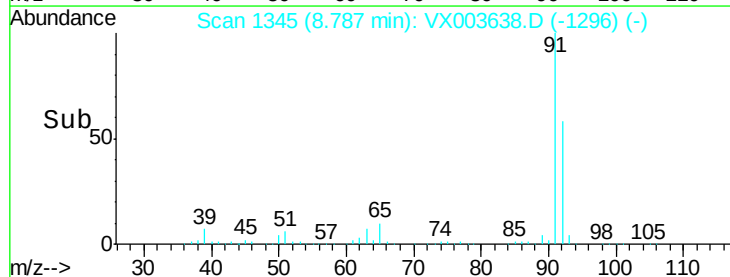
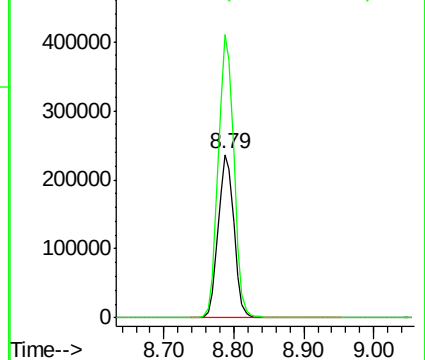
92 100

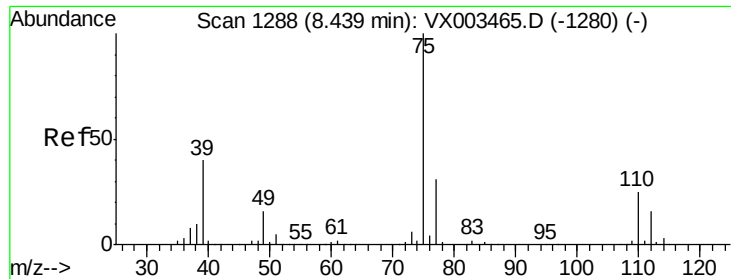
91 173.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

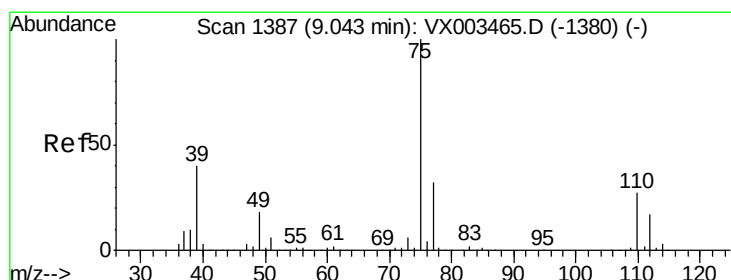
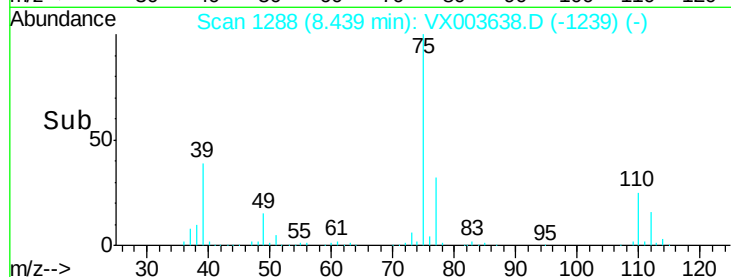
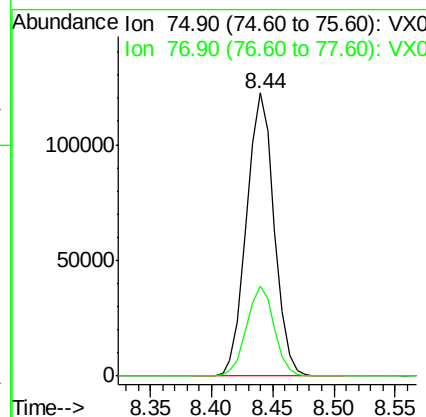
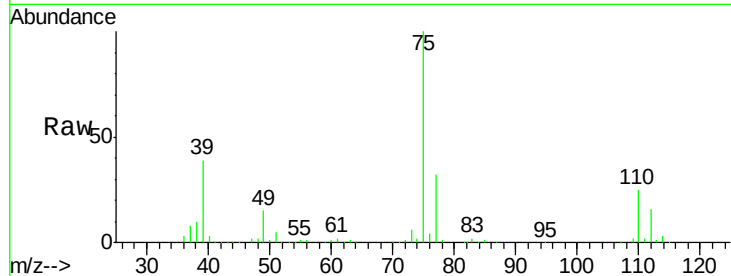




#53
 t-1,3-Dichloropropene
 Concen: 46.05 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

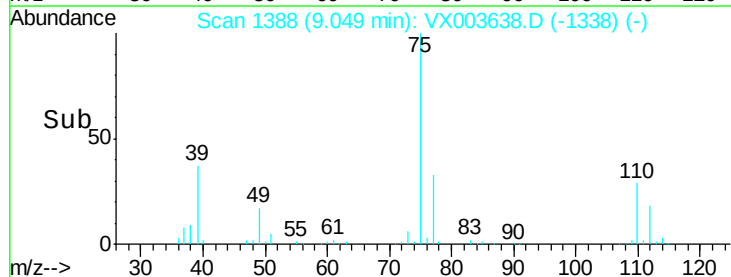
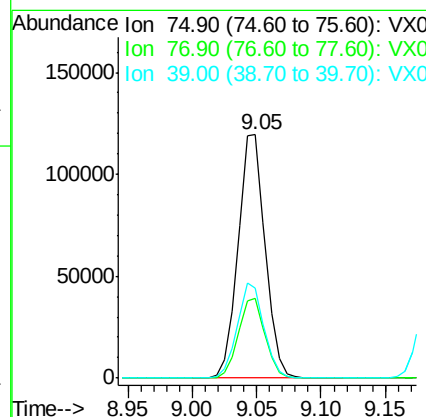
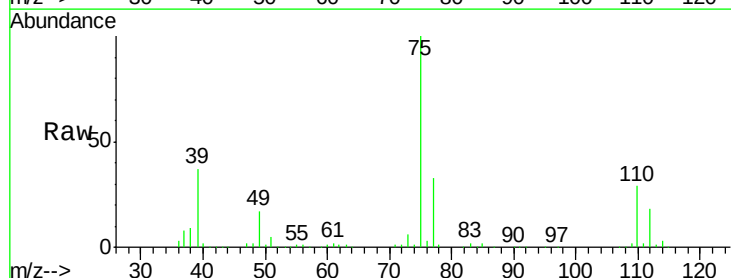
Instrument :
 MSVOA_X
 ClientSampled :

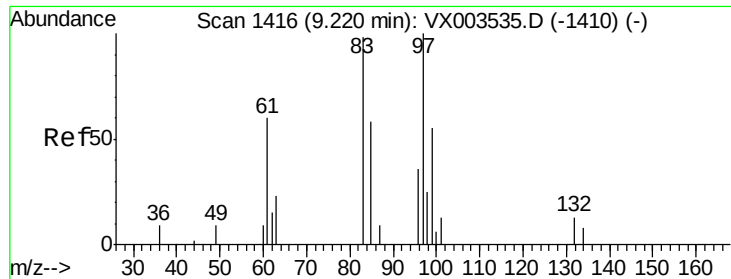
Tot Ion: 75 Resp: 192357
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.66 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion: 75 Resp: 175286
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.8 37.2
 39 37.1 42.4 63.6#

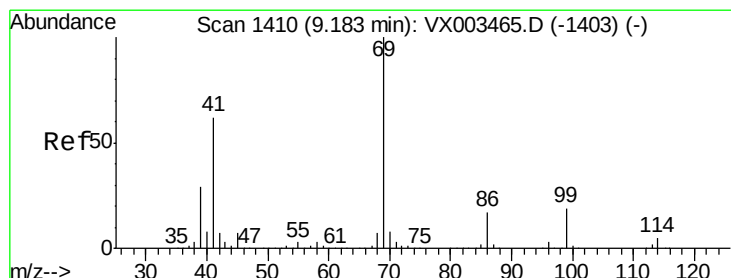
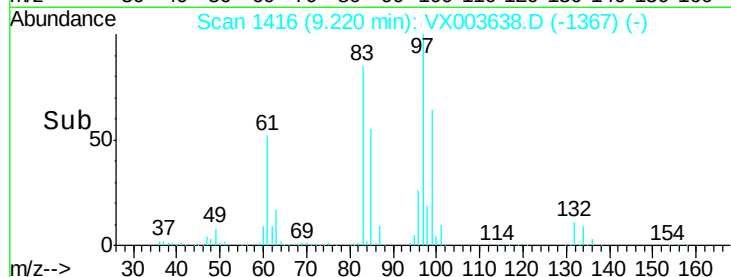
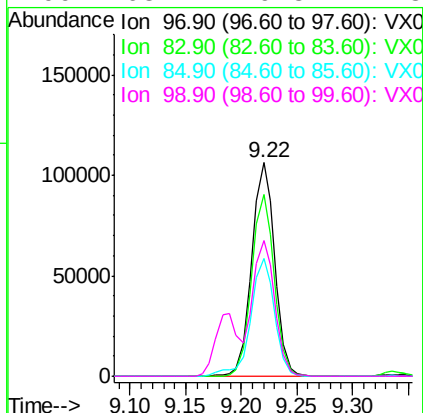
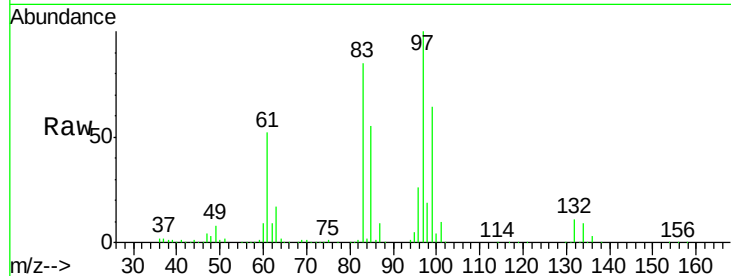




#55
 1,1,2-Trichloroethane
 Concen: 53.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

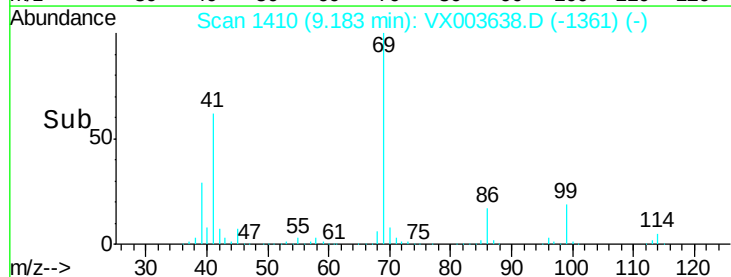
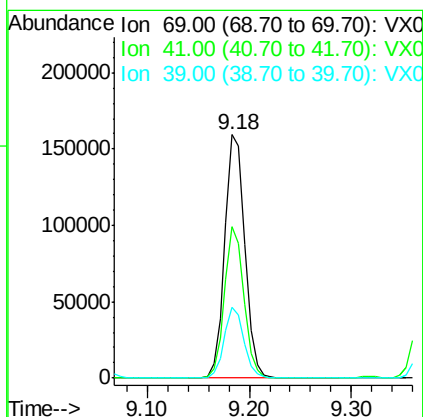
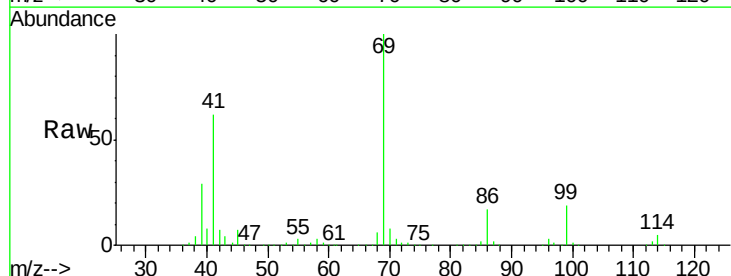
Instrument :
 MSVOA_X
 ClientSampleId :

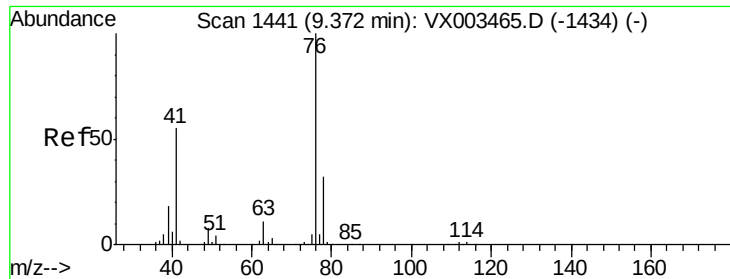
Tot Ion: 97 Resp: 153120
 Ion Ratio Lower Upper
 97 100
 83 85.2 70.2 105.2
 85 55.4 44.9 67.3
 99 63.7 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 54.66 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion: 69 Resp: 218680
 Ion Ratio Lower Upper
 69 100
 41 59.9 60.3 90.5#
 39 28.4 35.8 53.8#

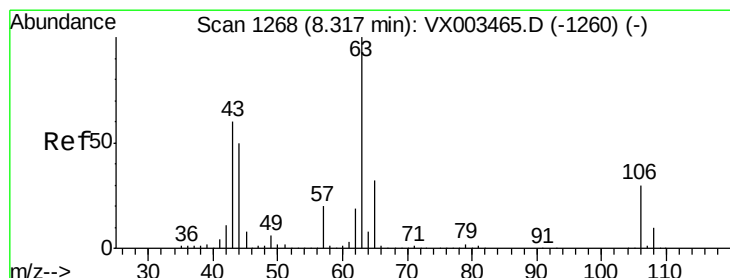
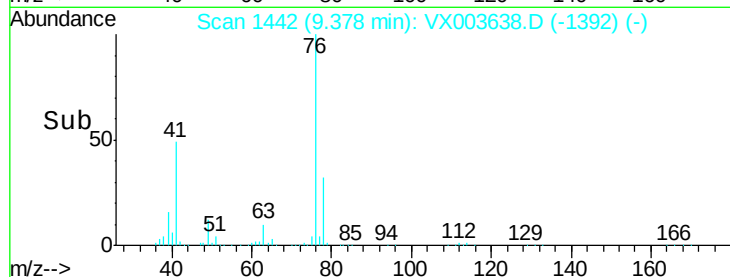
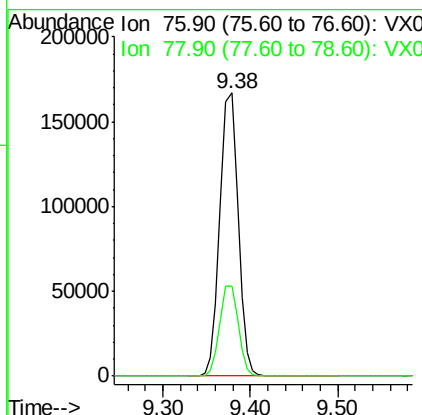
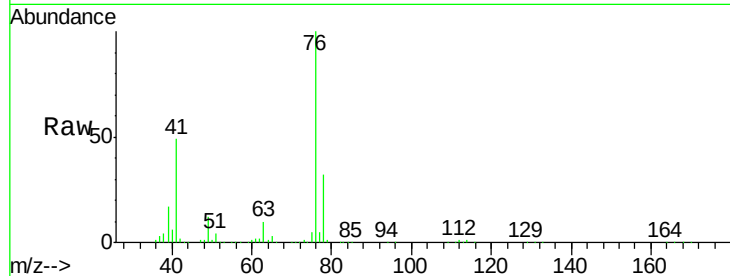




#57
 1,3-Dichloropropane
 Concen: 53.00 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

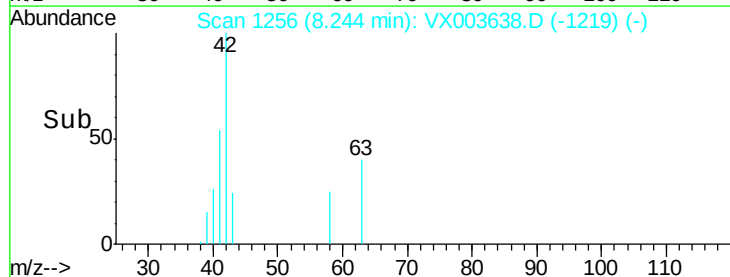
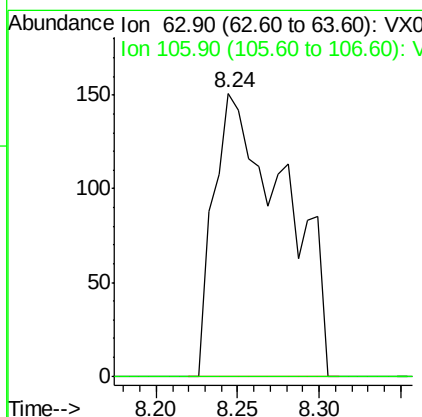
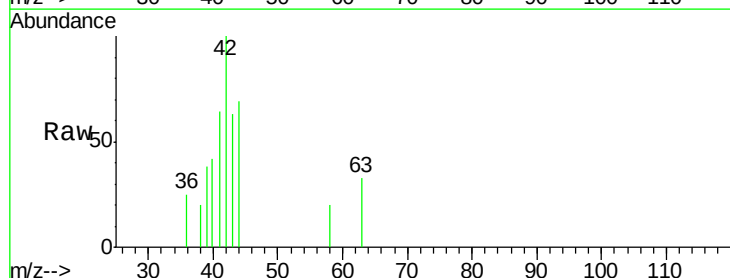
Instrument :
 MSVOA_X
 ClientSampleId :

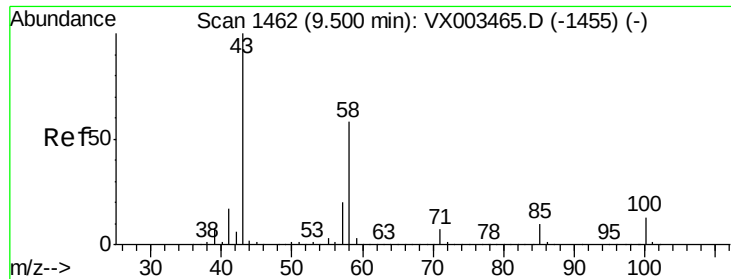
Tot Ion: 76 Resp: 243347
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.24 ug/l
 RT: 8.24 min Scan# 1256
 Delta R.T. -0.07 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion: 63 Resp: 461
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.8#

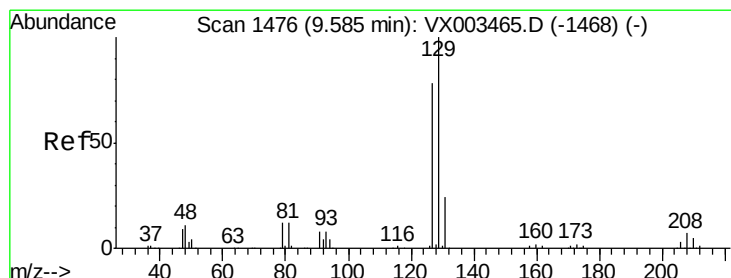
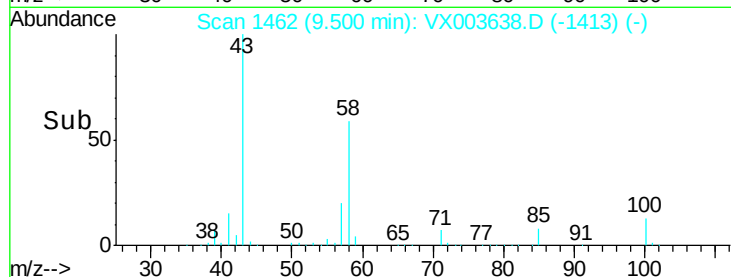
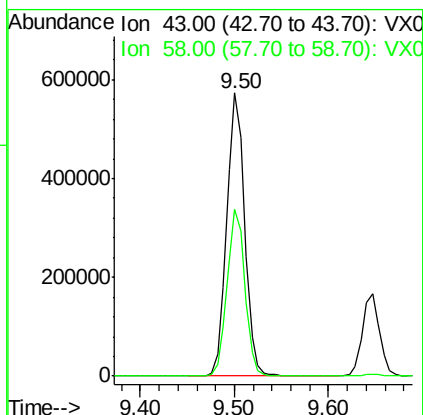
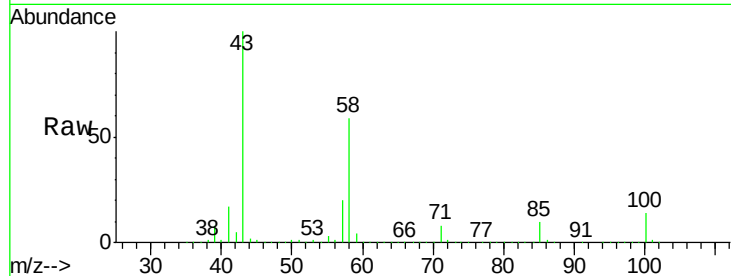




#59
2-Hexanone
Concen: 286.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

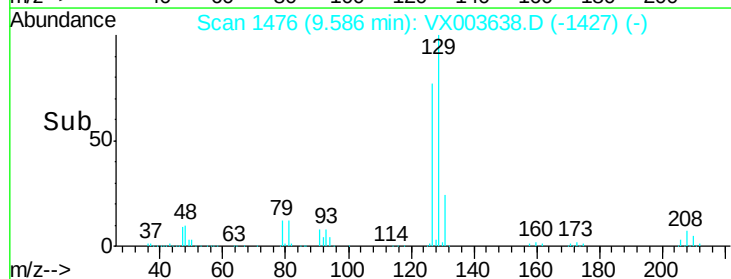
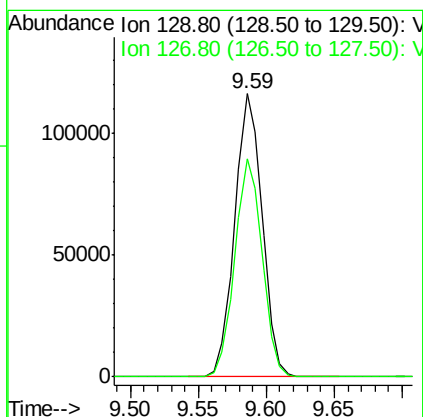
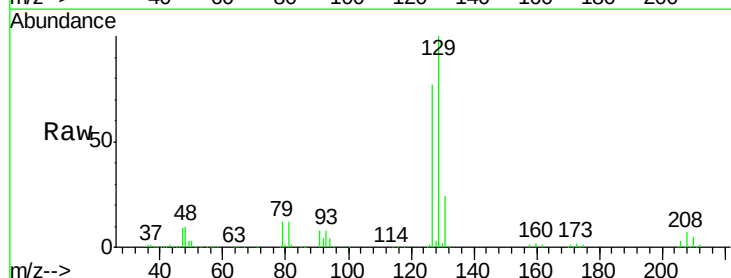
Instrument :
MSVOA_X
ClientSampled :

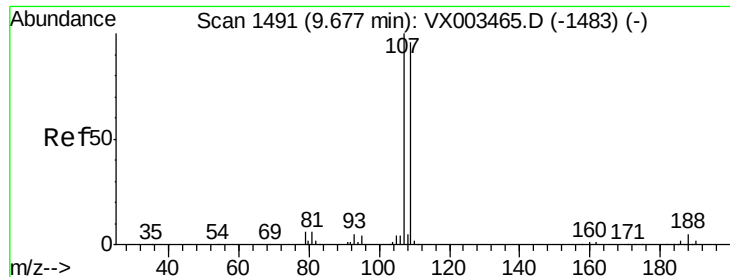
Tot Ion: 43 Resp: 758394
Ion Ratio Lower Upper
43 100
58 58.9 24.6 73.6



#60
Dibromochloromethane
Concen: 58.02 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion:129 Resp: 163118
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

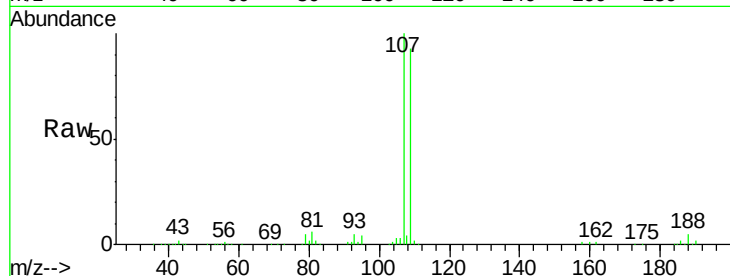
ClientSampleId :

Tot Ion:107 Resp: 161419

Ion Ratio Lower Upper

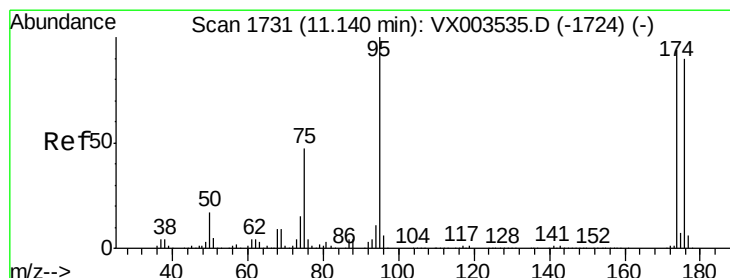
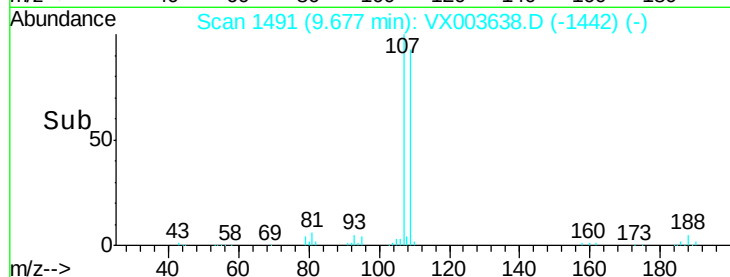
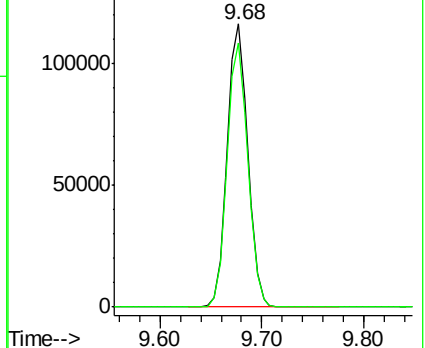
107 100

109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

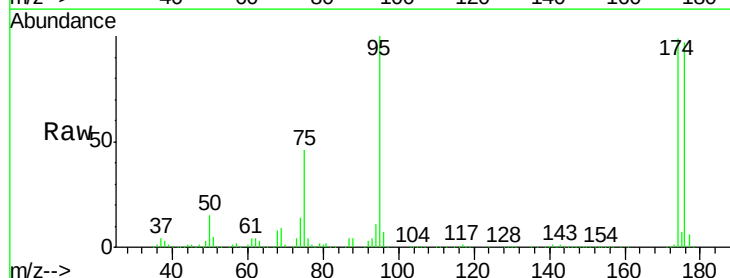
Tgt Ion: 95 Resp: 191242

Ion Ratio Lower Upper

95 100

174 102.5 0.0 187.4

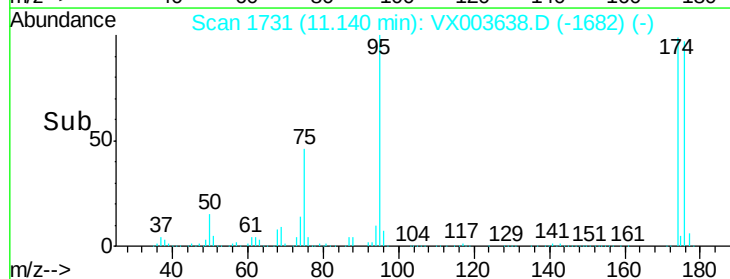
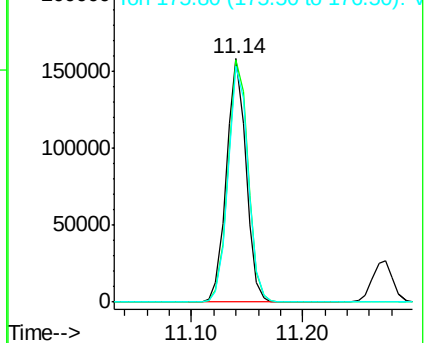
176 99.8 0.0 181.0

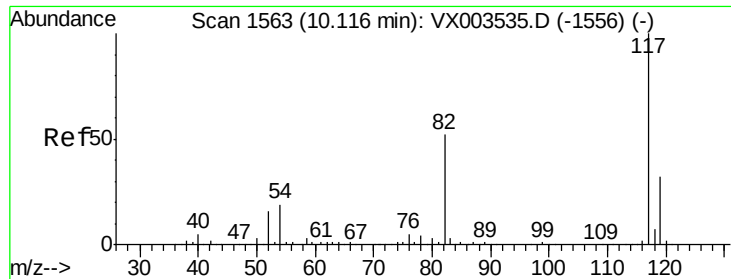


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

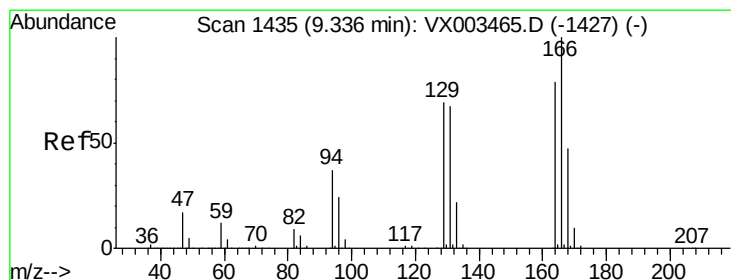
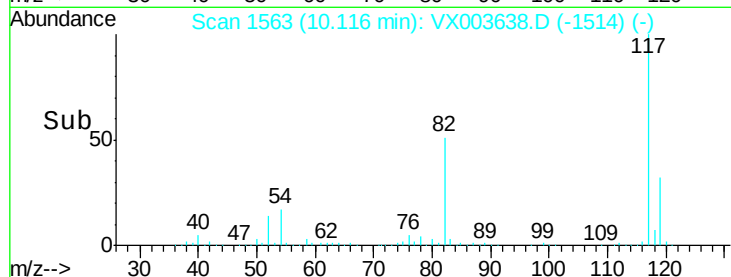
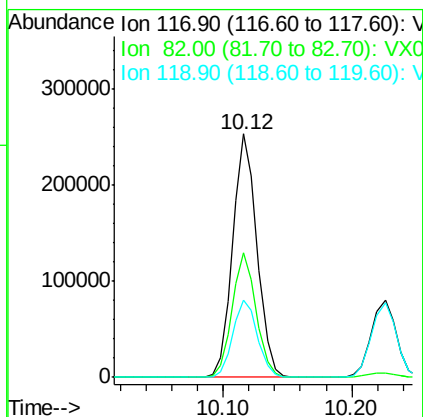
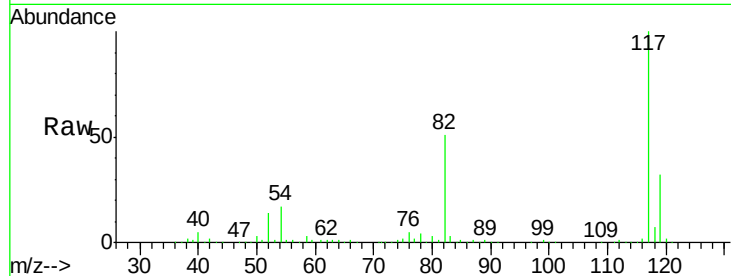




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

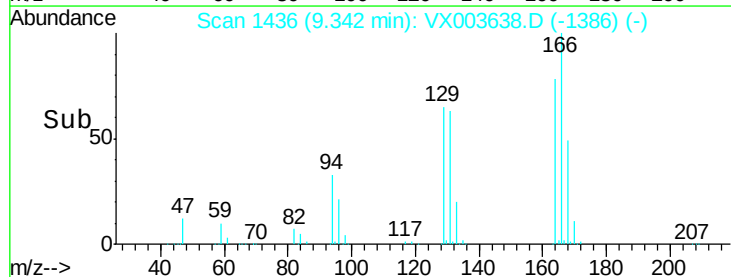
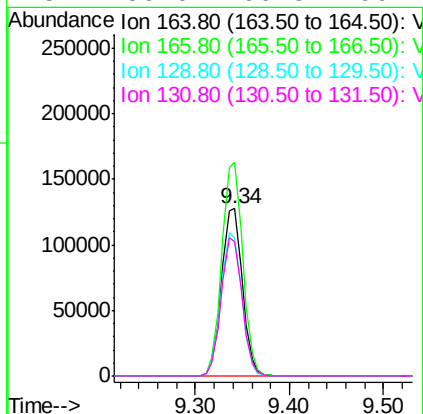
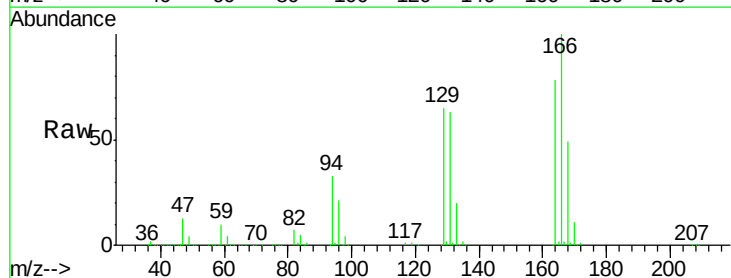
Instrument :
MSVOA_X
ClientSampleId :

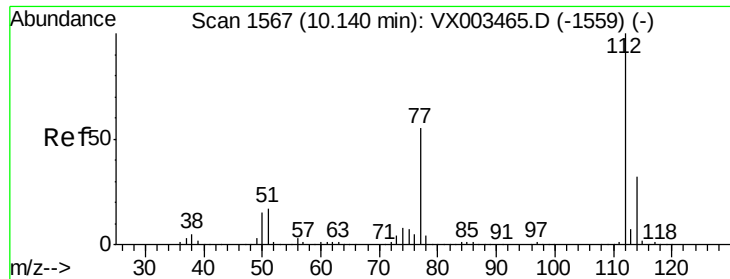
Tot Ion:117 Resp: 333526
Ion Ratio Lower Upper
117 100
82 51.1 45.0 67.4
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.17 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion:164 Resp: 195759
Ion Ratio Lower Upper
164 100
166 127.7 102.9 154.3
129 82.9 68.6 102.8
131 80.0 66.8 100.2





#65

Chlorobenzene

Concen: 50.11 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

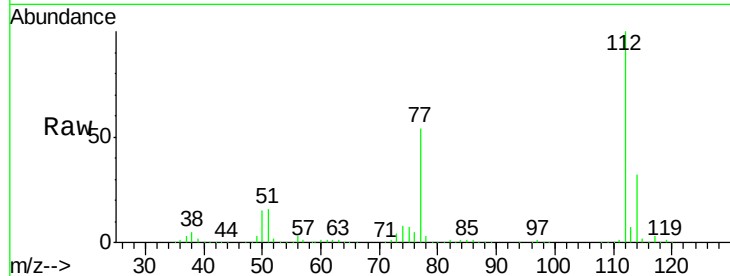
ClientSampleId :

Tot Ion:112 Resp: 430594

Ion Ratio Lower Upper

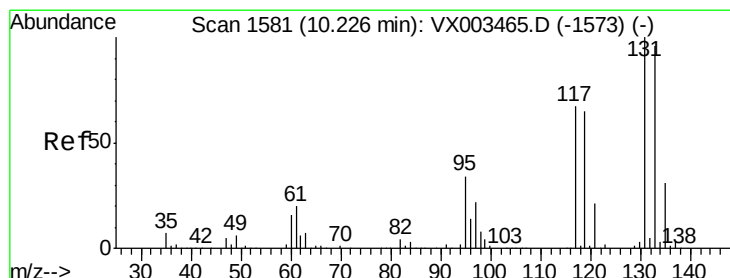
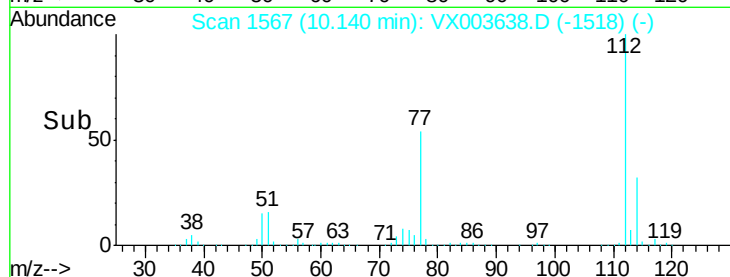
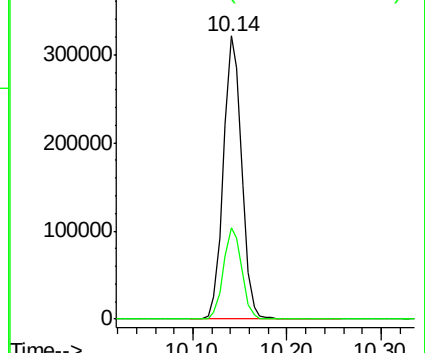
112 100

114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

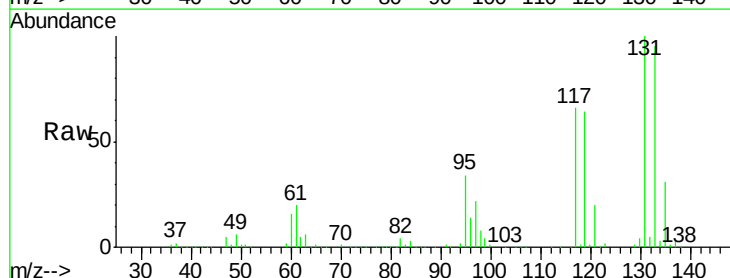
Tgt Ion:131 Resp: 161641

Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

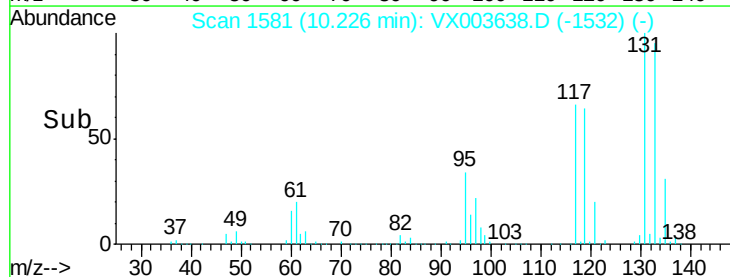
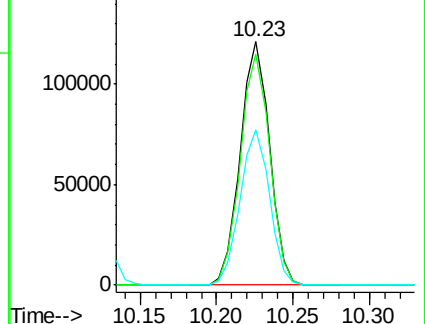
119 64.2 31.8 95.3

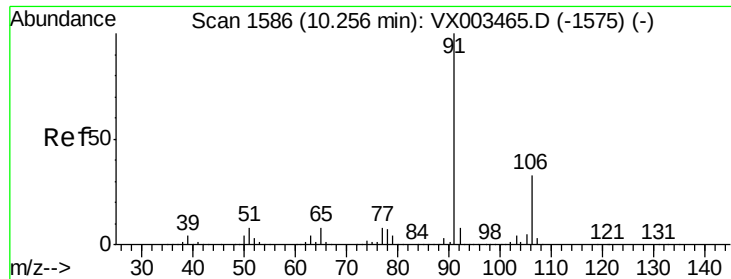


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.56 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

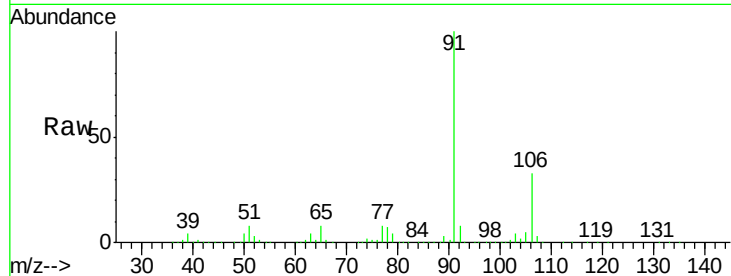
ClientSampleId :

Tot Ion: 91 Resp: 698601

Ion Ratio Lower Upper

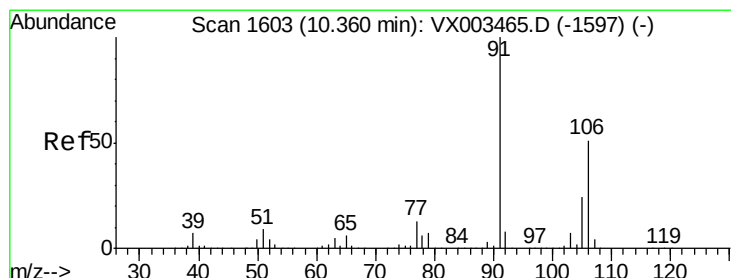
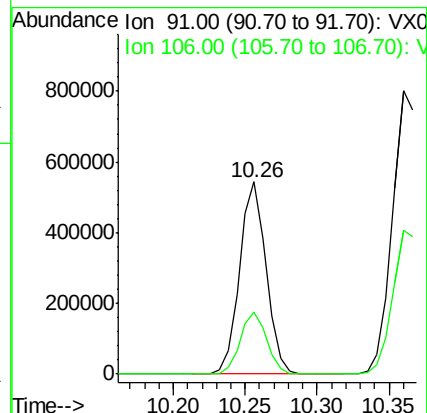
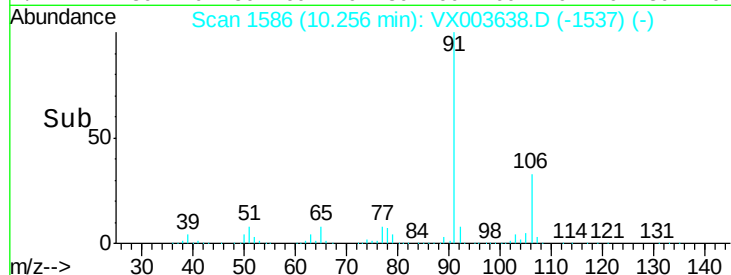
91 100

106 32.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.90 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003638.D

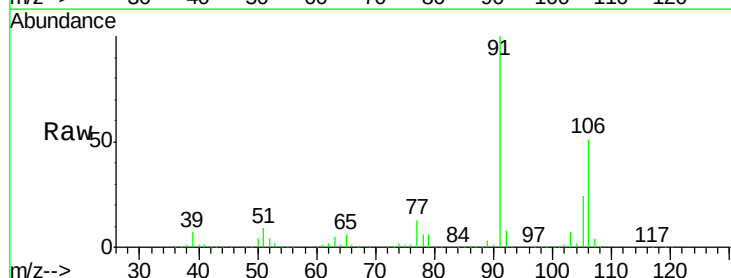
Acq: 24 Jul 2018 07:36

Tgt Ion: 106 Resp: 557370

Ion Ratio Lower Upper

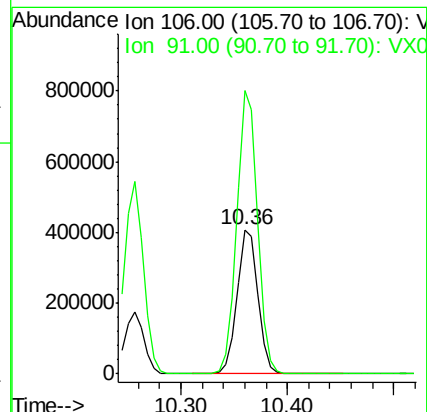
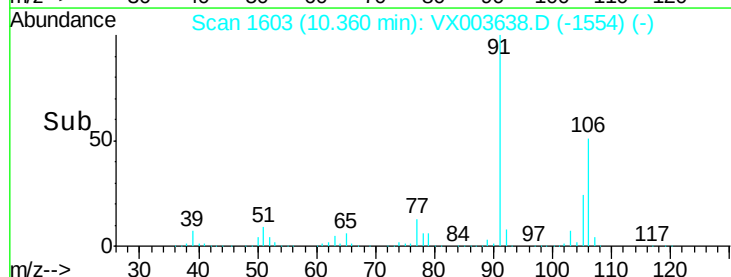
106 100

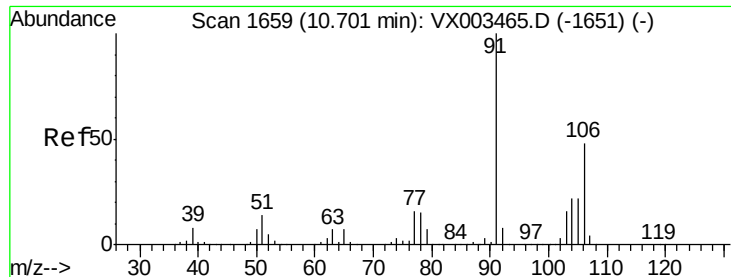
91 195.6 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

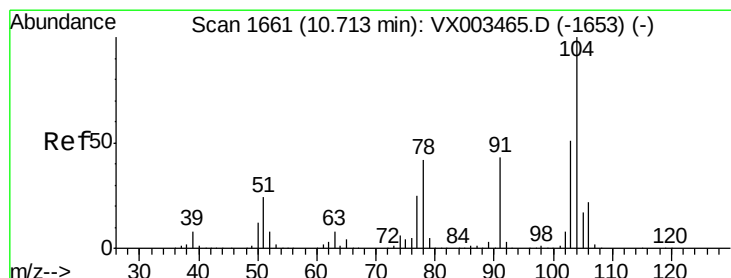
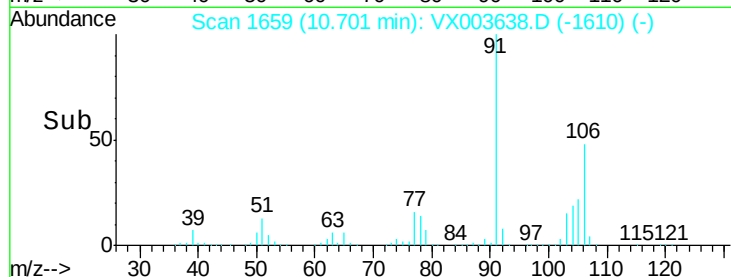
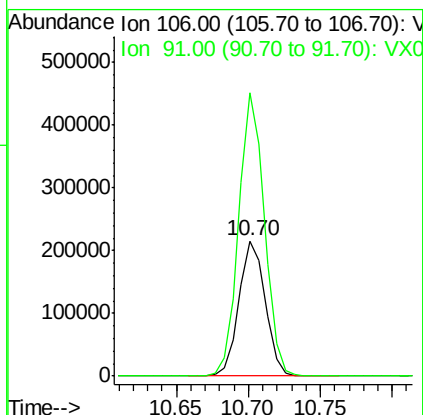
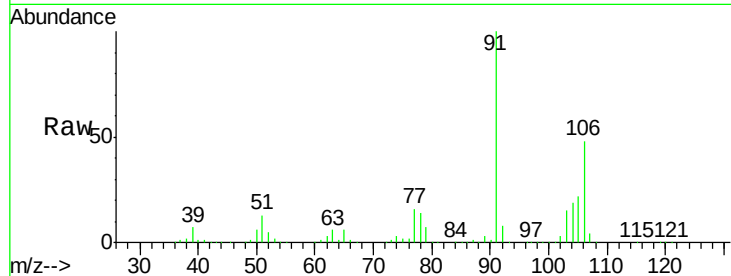




#69
o-Xylene
Concen: 52.15 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

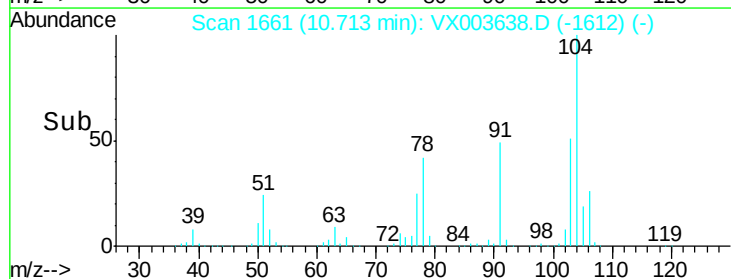
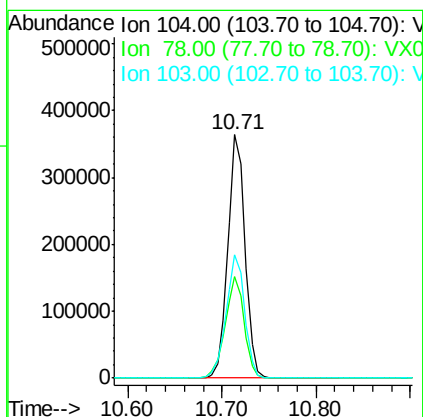
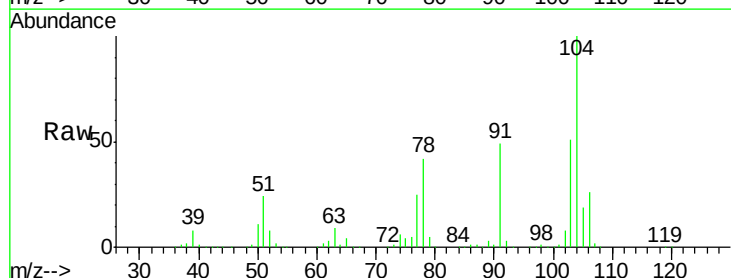
Instrument :
MSVOA_X
ClientSampled :

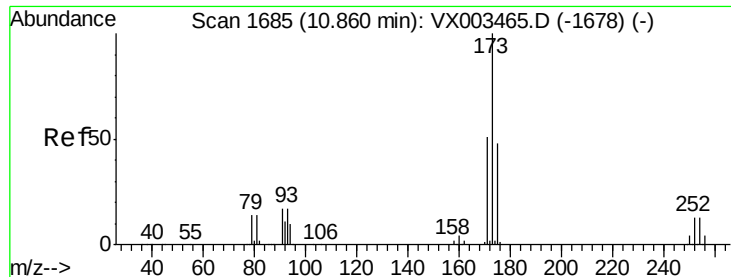
Tot Ion:106 Resp: 273178
Ion Ratio Lower Upper
106 100
91 205.4 108.2 324.6



#70
Styrene
Concen: 53.66 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion:104 Resp: 462321
Ion Ratio Lower Upper
104 100
78 45.7 41.0 61.6
103 54.8 44.2 66.4





#71

Bromoform

Concen: 58.57 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampled :

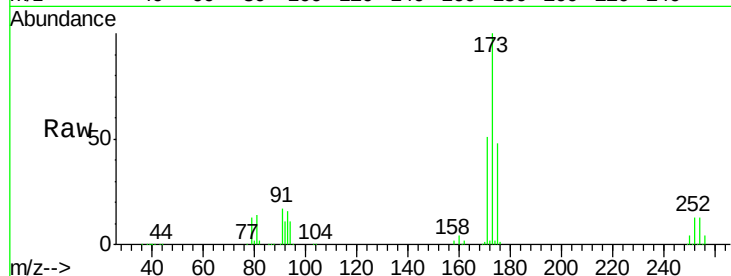
Tot Ion:173 Resp: 134548

Ion Ratio Lower Upper

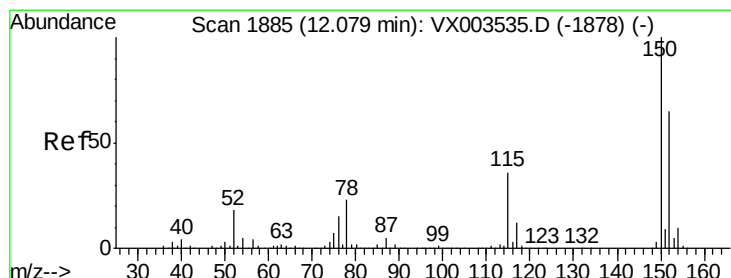
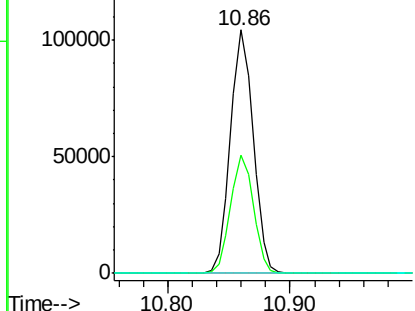
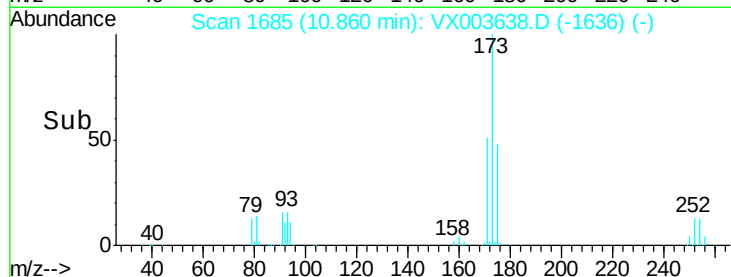
173 100

175 48.8 24.7 74.1

254 0.1 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# 1885

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

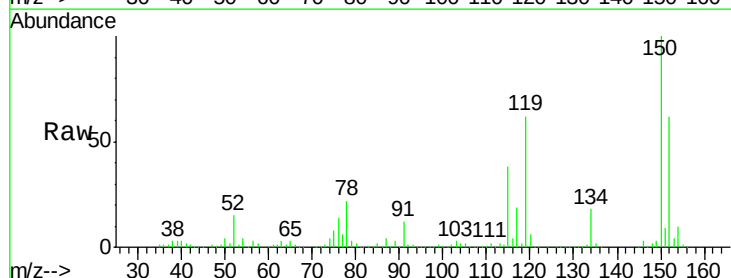
Tgt Ion:152 Resp: 208516

Ion Ratio Lower Upper

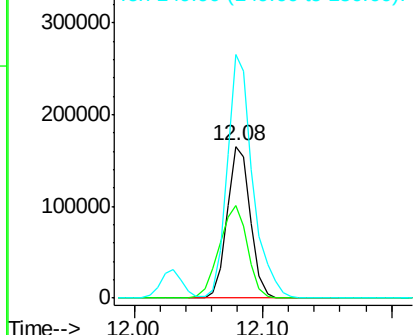
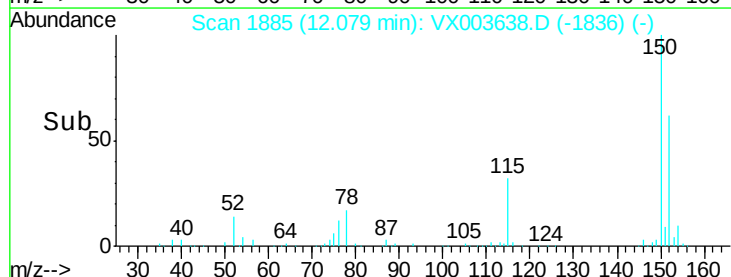
152 100

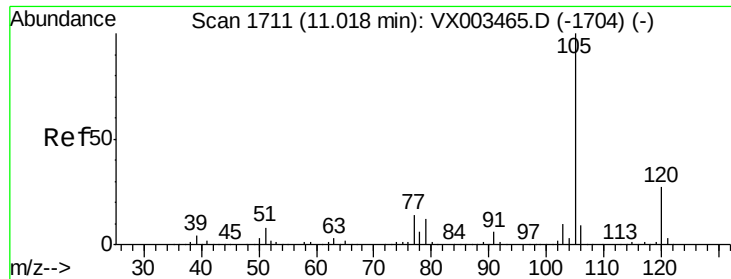
115 74.6 40.1 120.2

150 175.5 0.0 347.2



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: 50.14 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

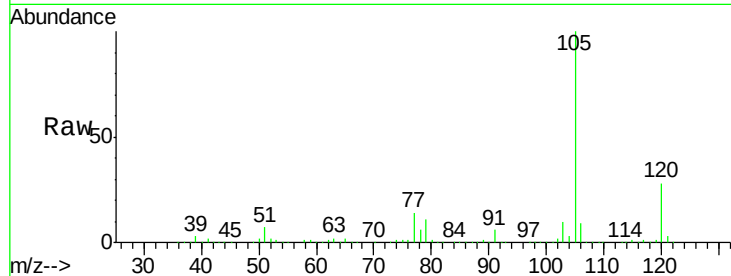
ClientSampleId :

Tot Ion:105 Resp: 723112

Ion Ratio Lower Upper

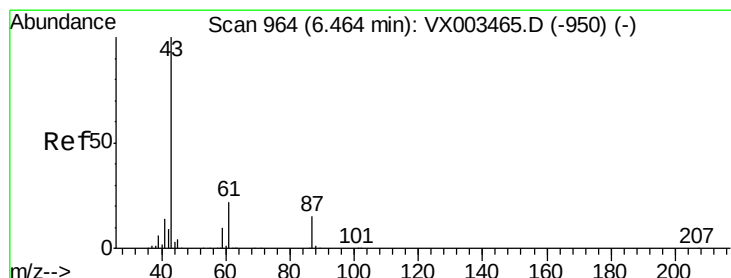
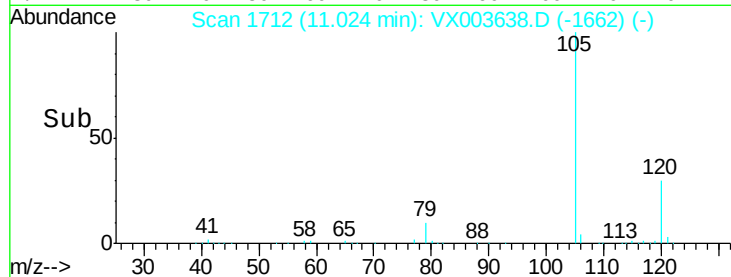
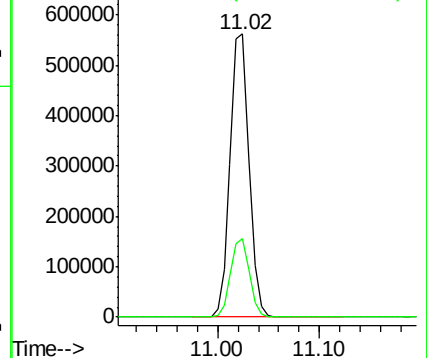
105 100

120 27.4 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: 44.46 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Tgt Ion: 43 Resp: 272224

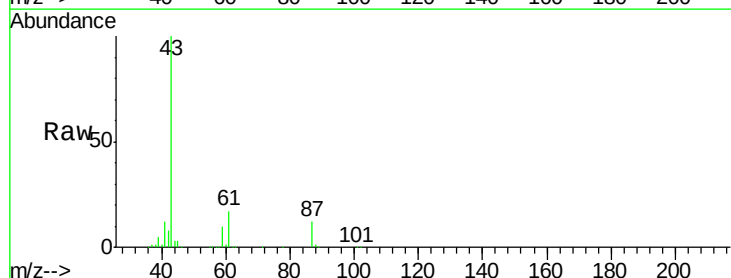
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.8 14.4 21.6

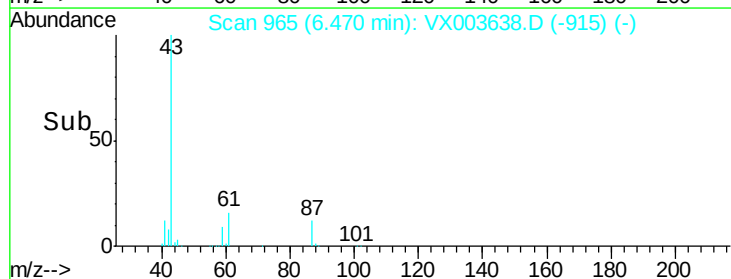
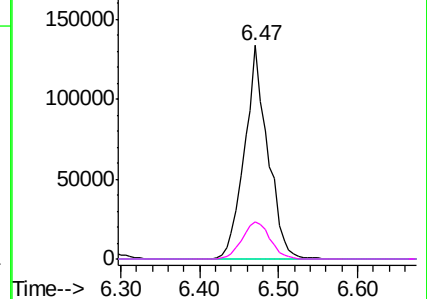


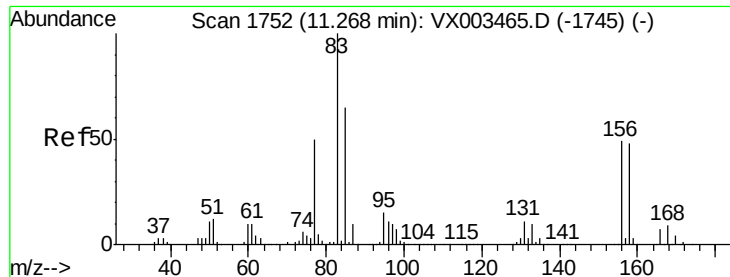
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.08 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampled :

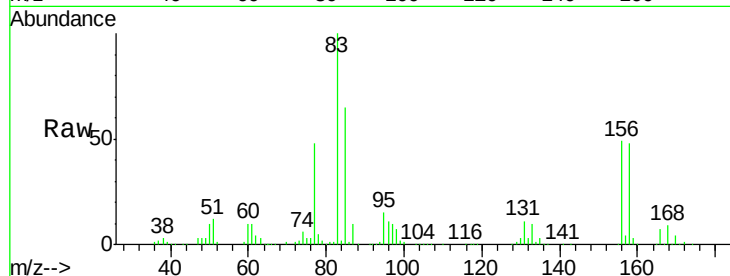
Tot Ion: 83 Resp: 224307

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

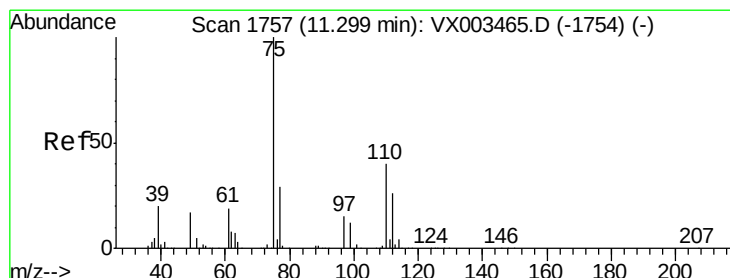
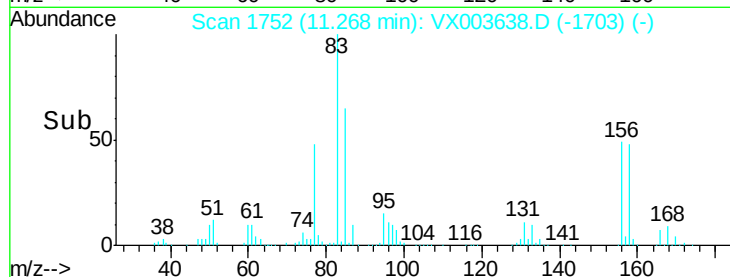
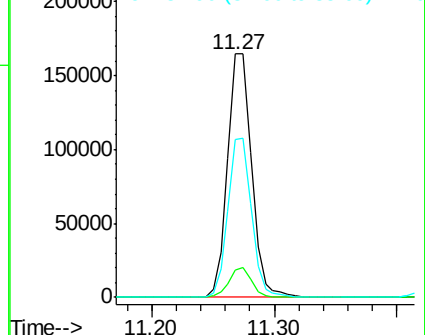
85 64.3 32.4 97.2



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: 62.91 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003638.D

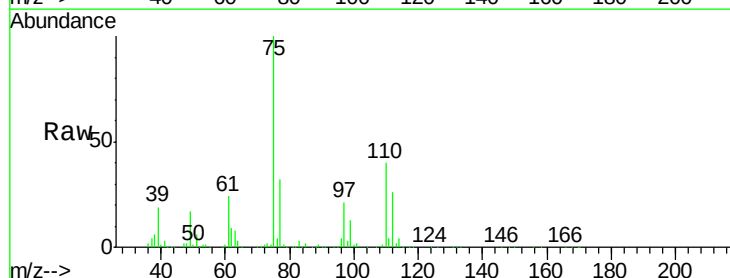
Acq: 24 Jul 2018 07:36

Tgt Ion: 75 Resp: 235670

Ion Ratio Lower Upper

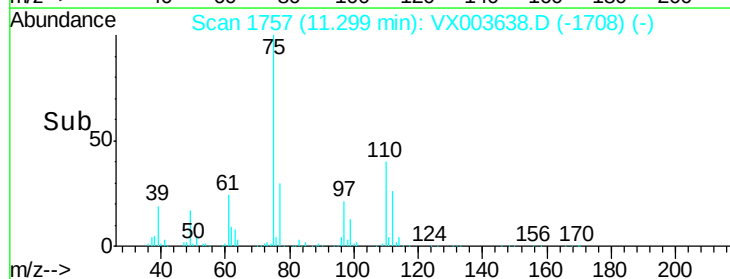
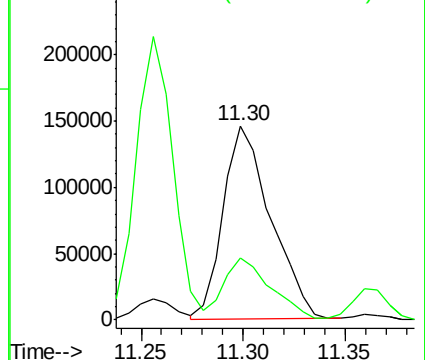
75 100

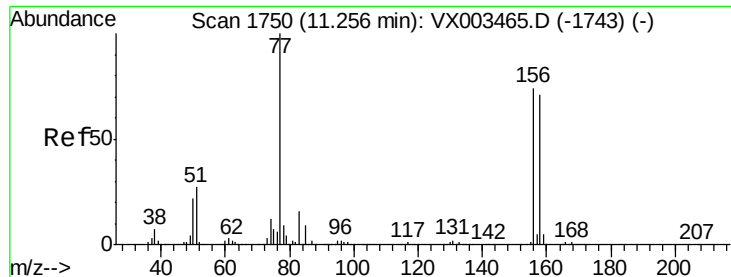
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.68 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampled :

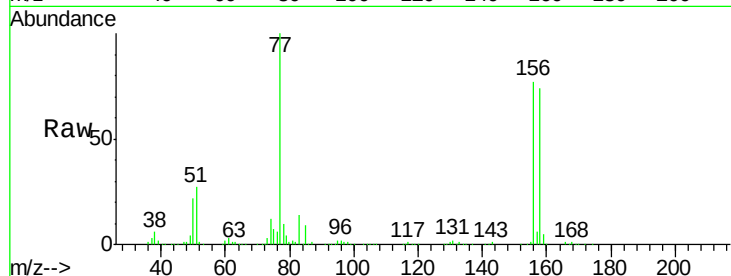
Tot Ion:156 Resp: 210196

Ion Ratio Lower Upper

156 100

77 127.6 71.4 214.2

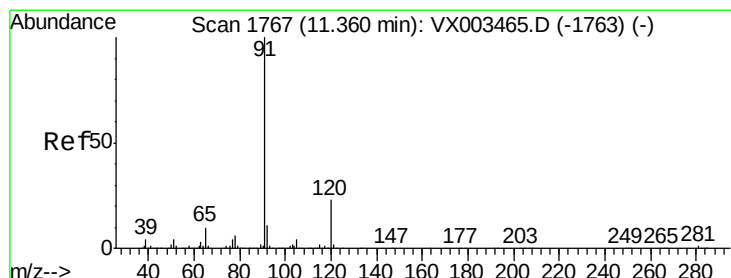
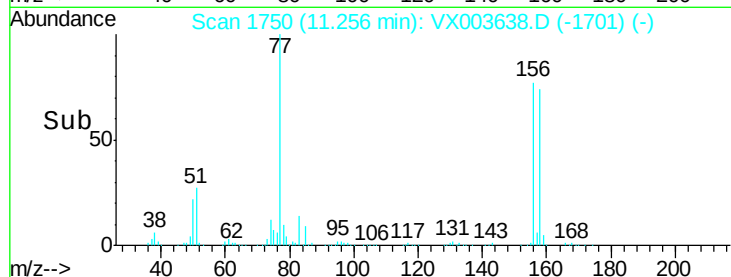
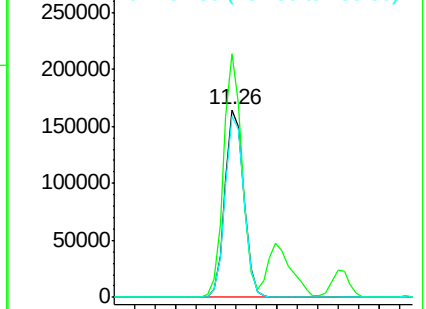
158 97.2 48.9 146.6



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: 49.63 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003638.D

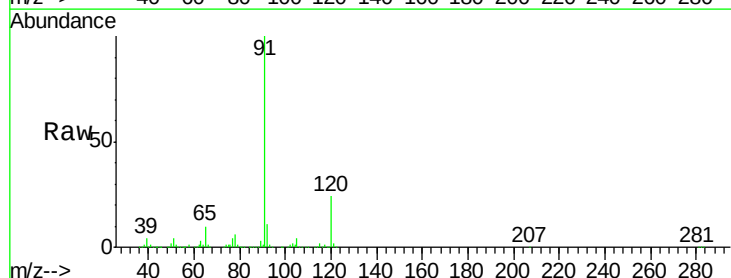
Acq: 24 Jul 2018 07:36

Tgt Ion: 91 Resp: 795576

Ion Ratio Lower Upper

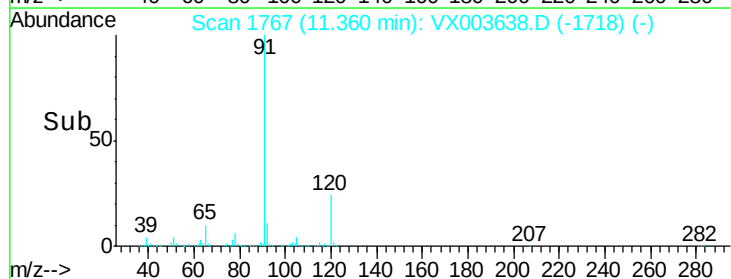
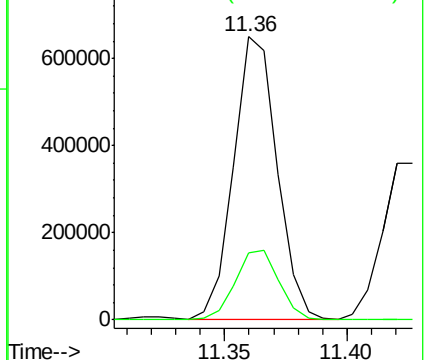
91 100

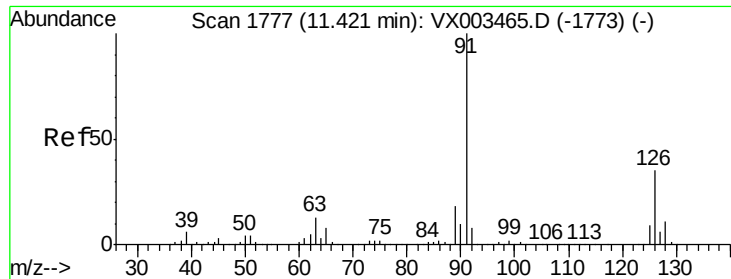
120 25.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.90 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

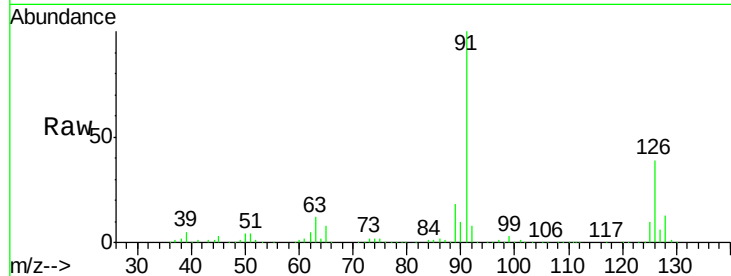
ClientSampled :

Tot Ion: 91 Resp: 475834

Ion Ratio Lower Upper

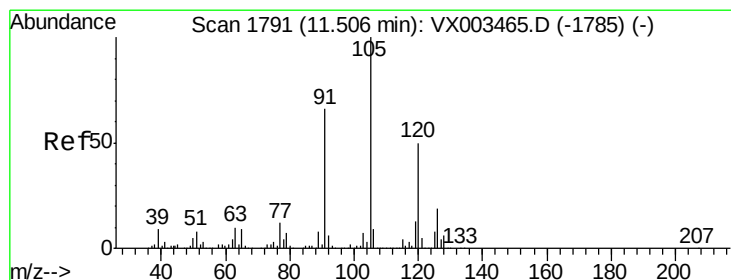
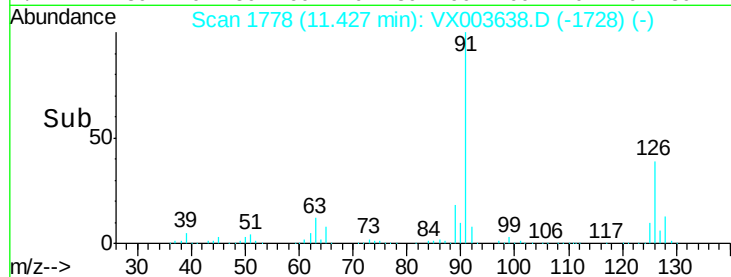
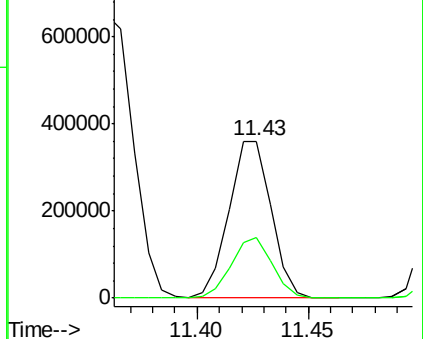
91 100

126 37.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003638.D

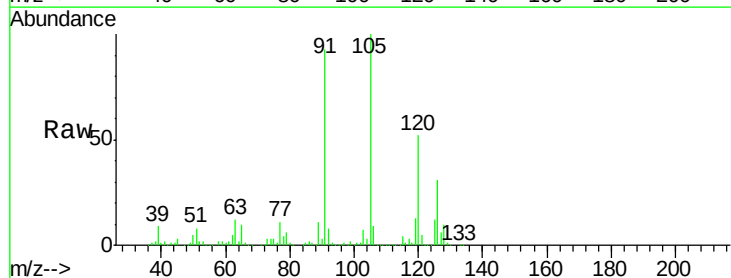
Acq: 24 Jul 2018 07:36

Tgt Ion:105 Resp: 601361

Ion Ratio Lower Upper

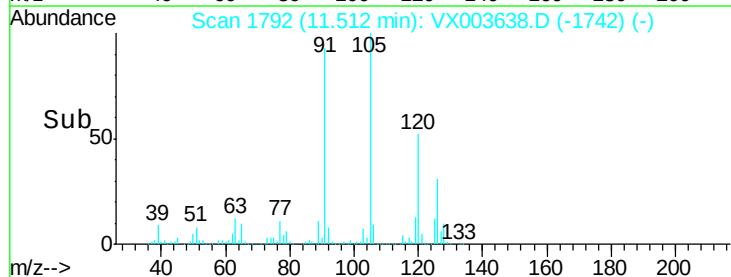
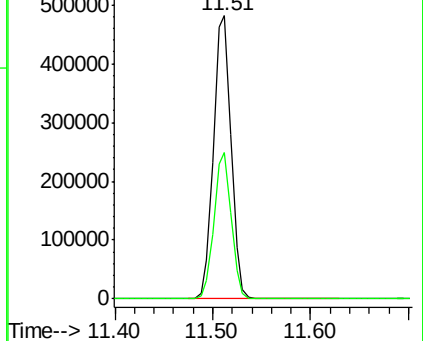
105 100

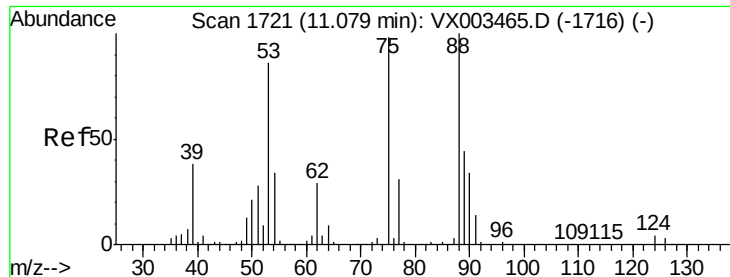
120 50.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

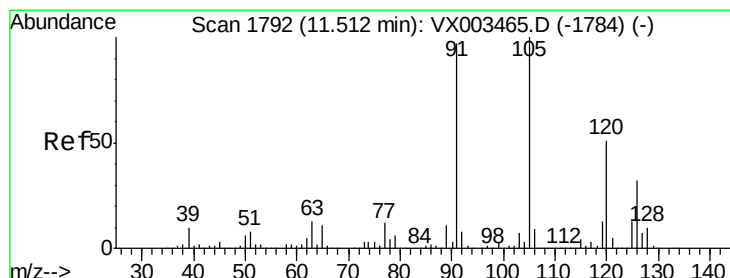
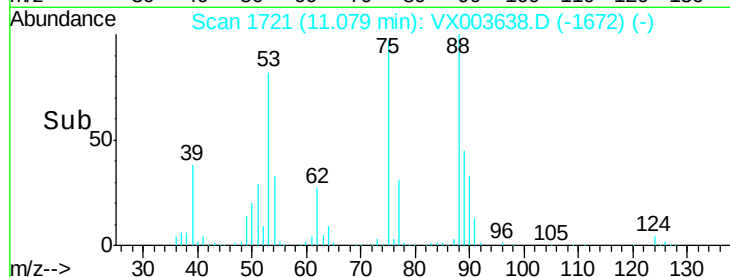
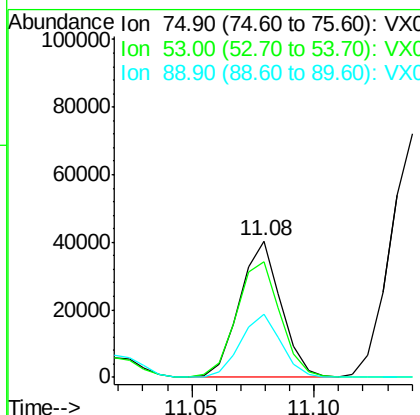
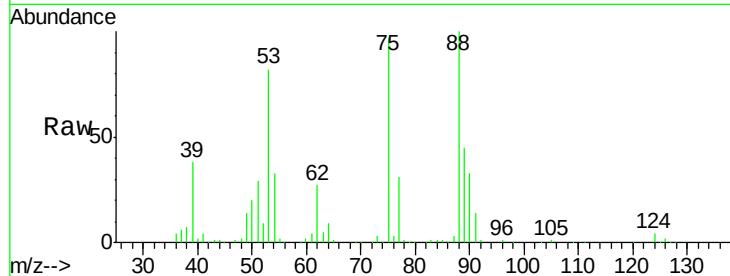




#81
trans-1,4-Dichloro-2-butene
Concen: 36.41 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

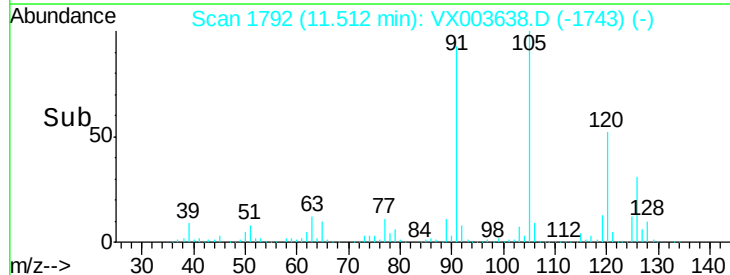
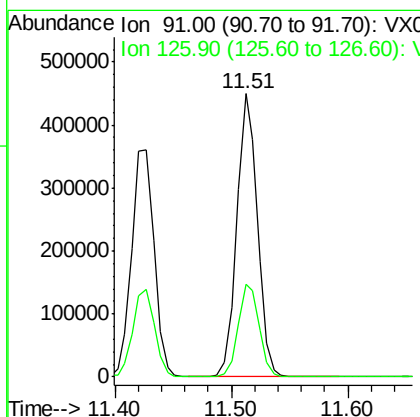
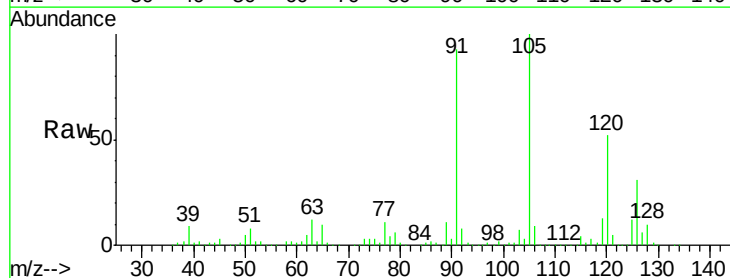
Instrument :
MSVOA_X
ClientSampleId :

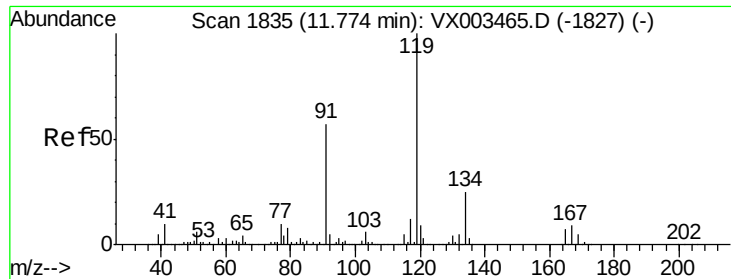
Tot Ion: 75 Resp: 47131
Ion Ratio Lower Upper
75 100
53 90.0 86.8 130.2
89 46.1 38.2 57.2



#82
4-Chlorotoluene
Concen: 48.61 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003638.D
Acq: 24 Jul 2018 07:36

Tgt Ion: 91 Resp: 554241
Ion Ratio Lower Upper
91 100
126 33.3 15.4 46.4

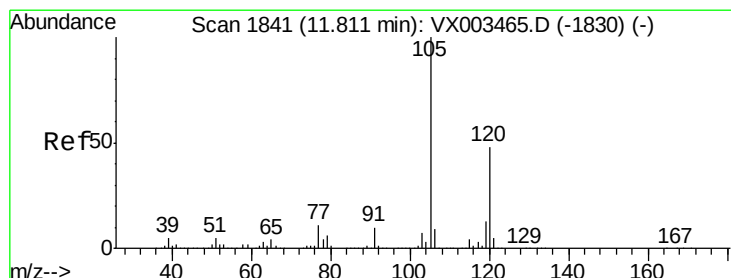
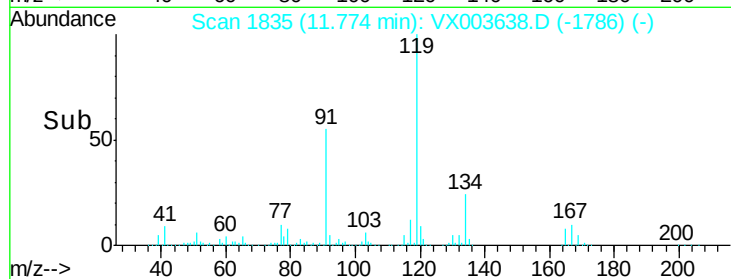
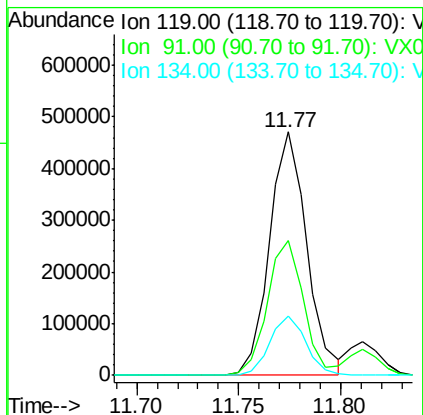
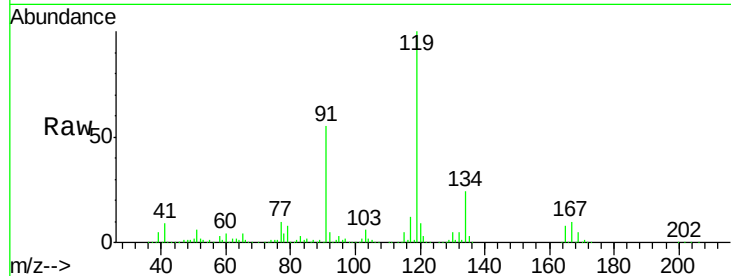




#83
 tert-Butylbenzene
 Concen: 51.66 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

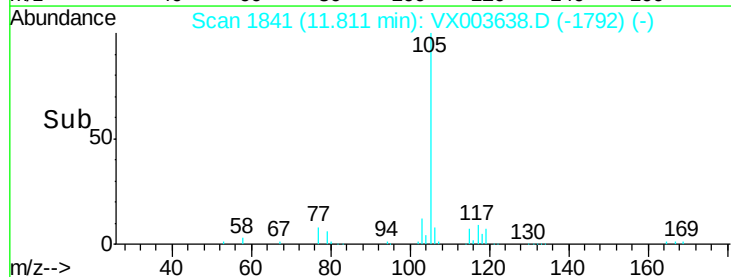
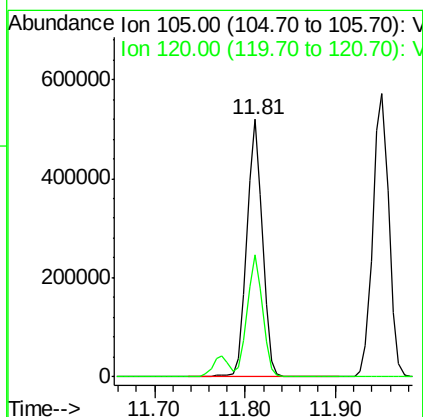
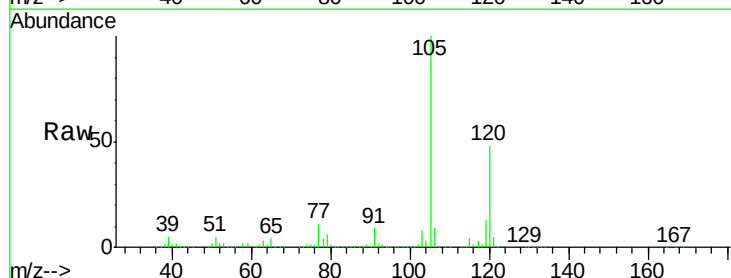
Instrument :
 MSVOA_X
 ClientSampleId :

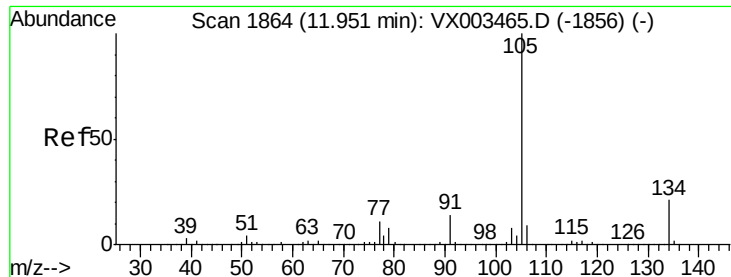
Tot Ion:119 Resp: 599564
 Ion Ratio Lower Upper
 119 100
 91 54.3 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion:105 Resp: 618271
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.71 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

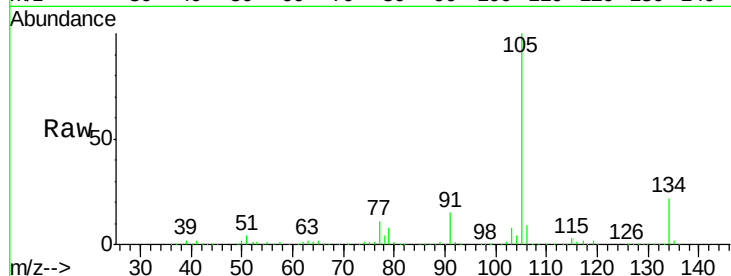
ClientSampleId :

Tot Ion:105 Resp: 700755

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

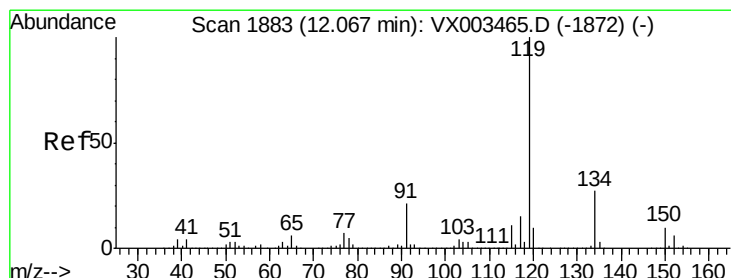
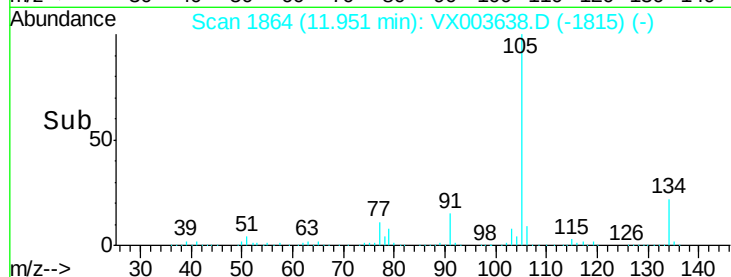
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

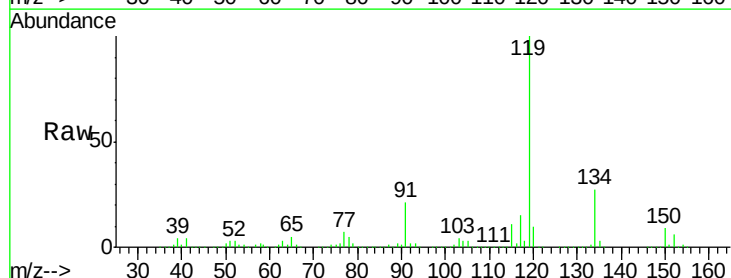
Tgt Ion:119 Resp: 638828

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 21.0 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

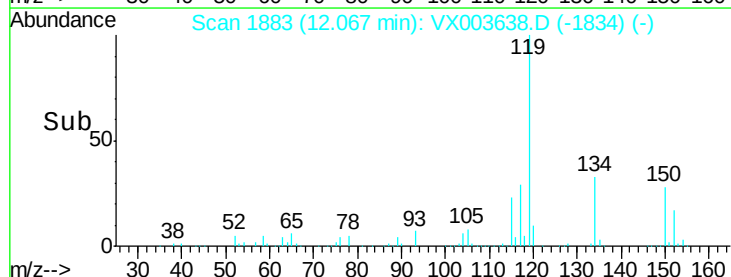
600000

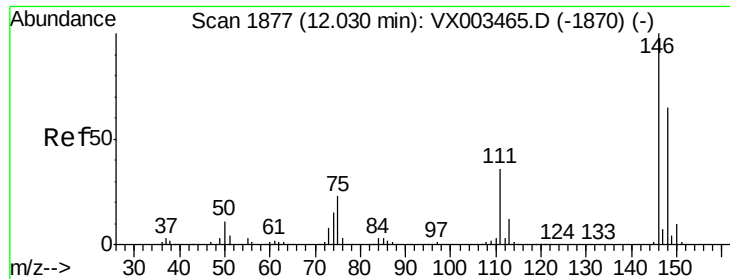
400000

200000

0

Time-->

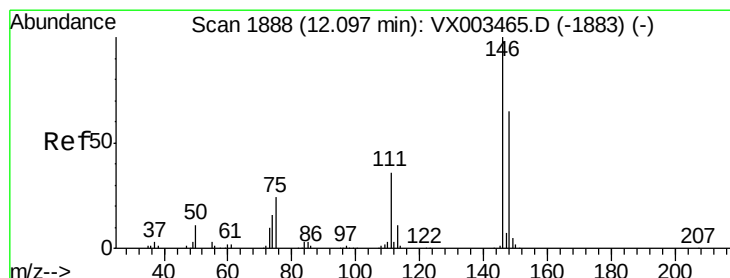
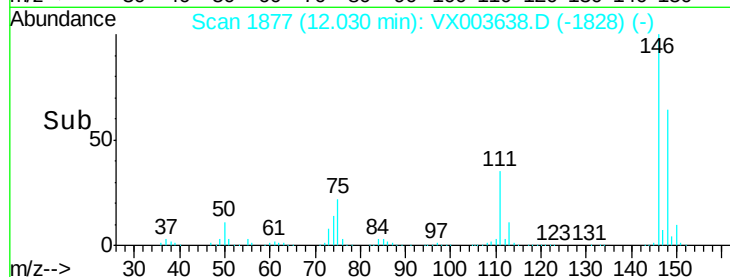
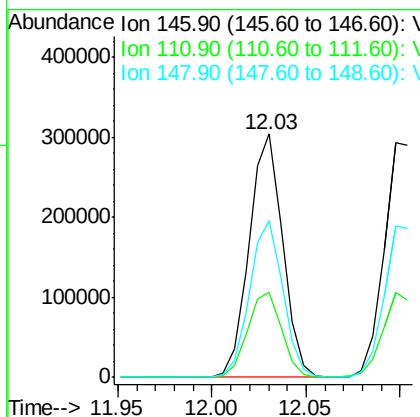
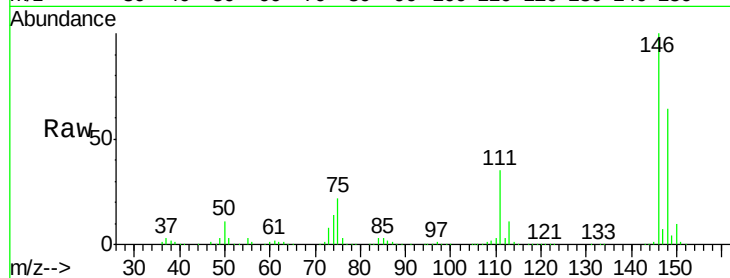




#87
 1,3-Dichlorobenzene
 Concen: 49.14 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

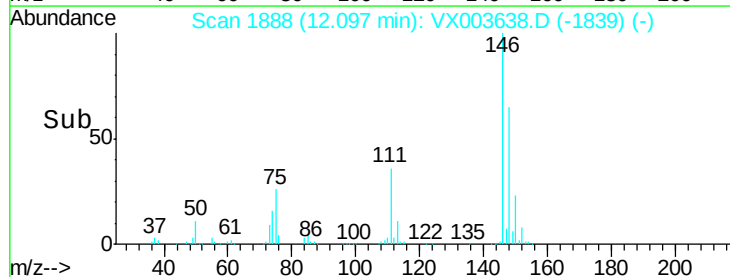
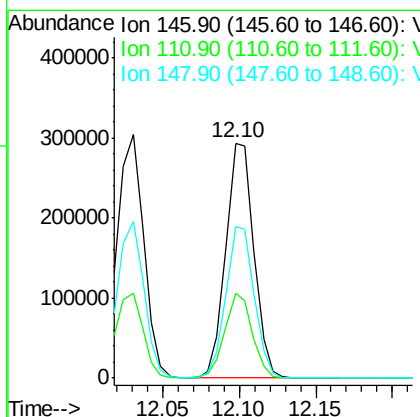
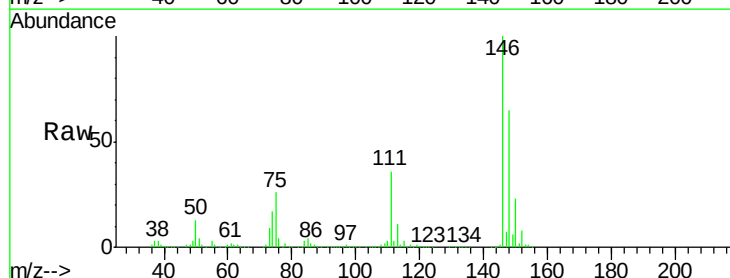
Instrument :
 MSVOA_X
 ClientSampled :

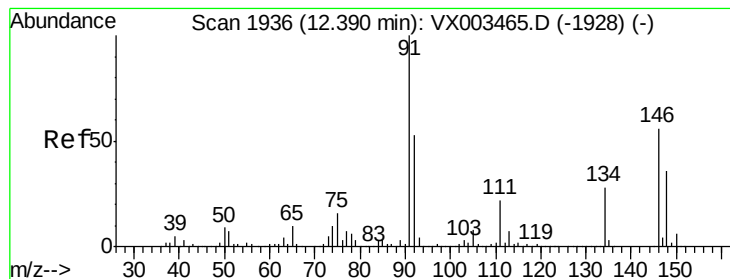
Tot Ion:146 Resp: 374624
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.9 56.7
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.65 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion:146 Resp: 374238
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.7 56.1
 148 65.0 32.4 97.0





#89

n-Butylbenzene

Concen: 47.20 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

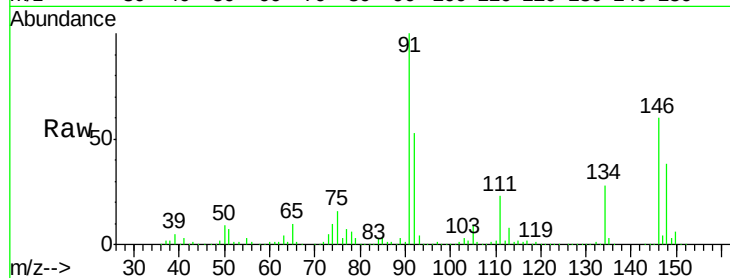
Tot Ion: 91 Resp: 507108

Ion Ratio Lower Upper

91 100

92 52.7 26.0 78.0

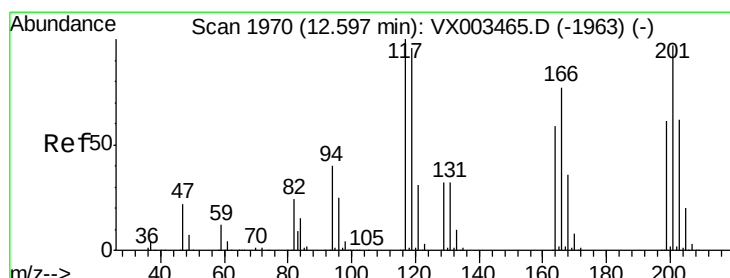
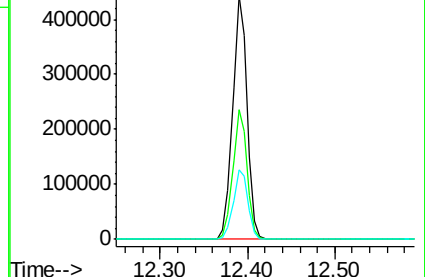
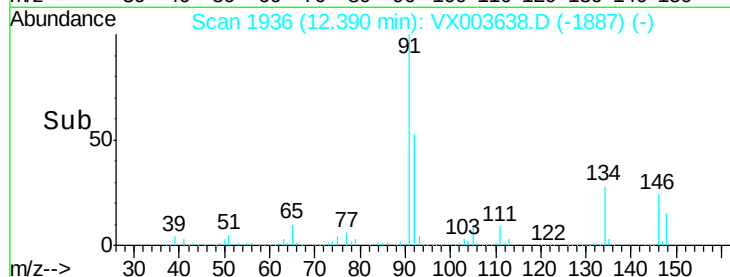
134 29.2 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX003465.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX003465.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX003465.D (-1928) (-)



#90

Hexachloroethane

Concen: 50.91 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003638.D

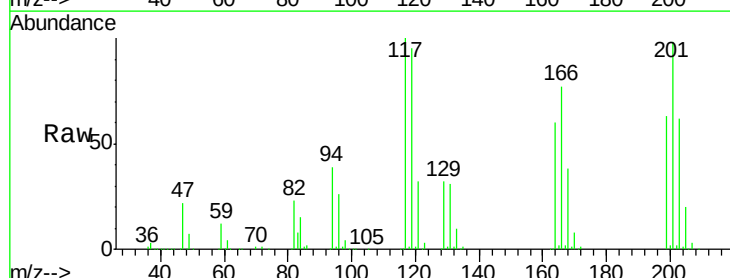
Acq: 24 Jul 2018 07:36

Tgt Ion: 117 Resp: 91558

Ion Ratio Lower Upper

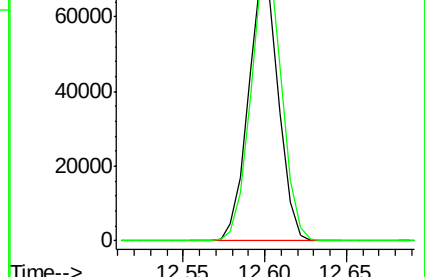
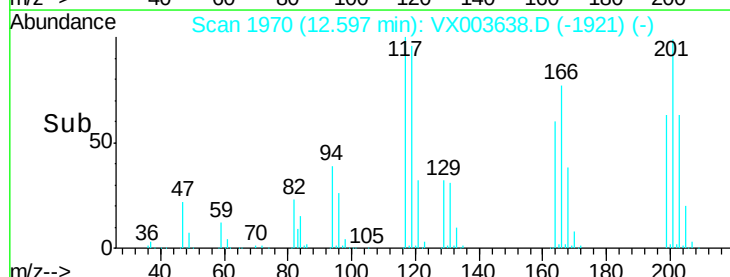
117 100

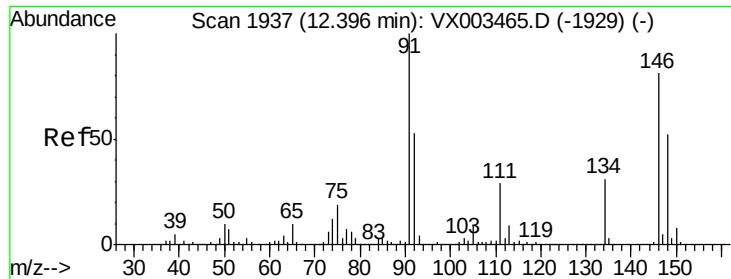
201 106.9 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX003465.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX003465.D (-1963) (-)





#91

1,2-Dichlorobenzene

Concen: 50.69 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

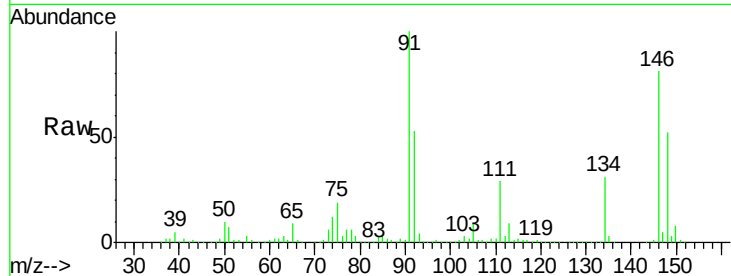
Tot Ion:146 Resp: 380915

Ion Ratio Lower Upper

146 100

111 37.1 19.4 58.1

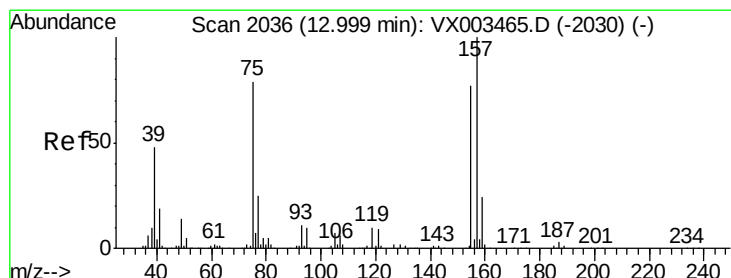
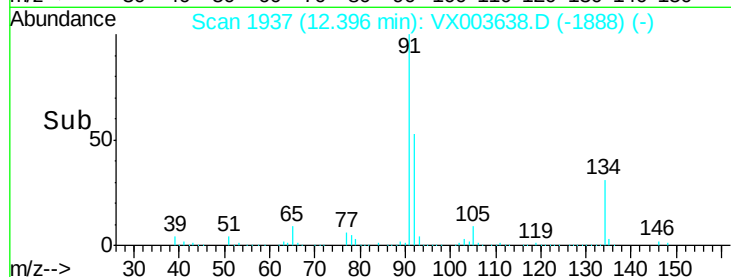
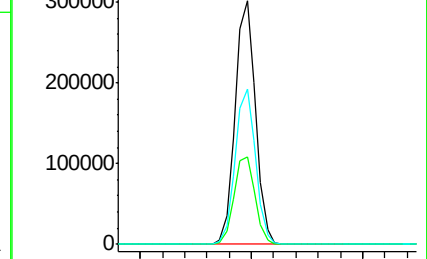
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.87 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

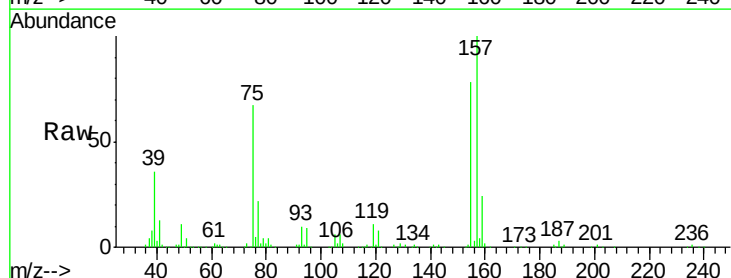
Tgt Ion: 75 Resp: 45127

Ion Ratio Lower Upper

75 100

155 111.1 45.8 137.4

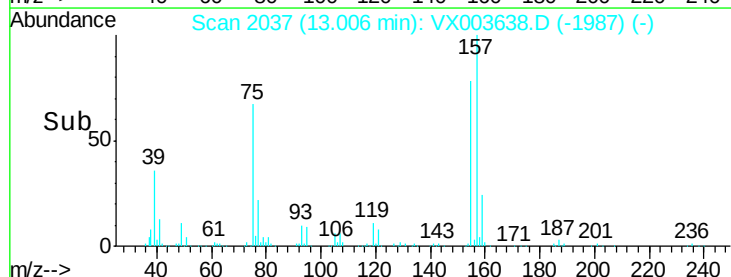
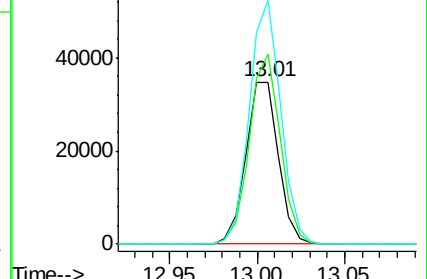
157 144.3 60.1 180.3

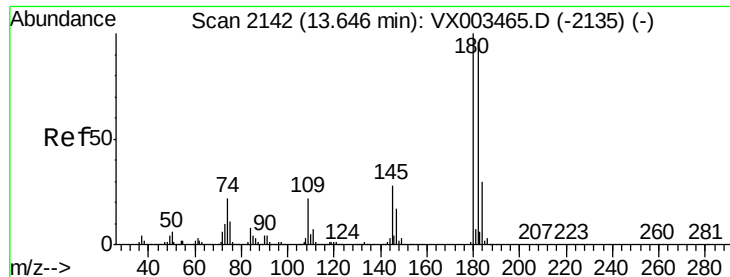


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

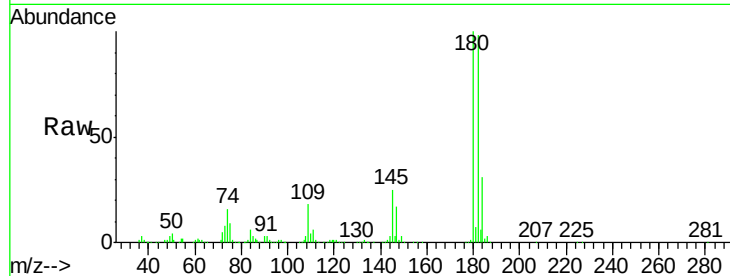




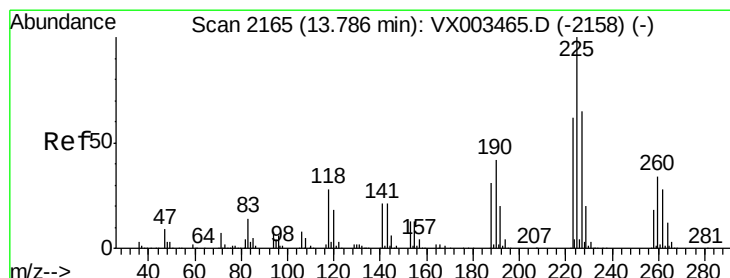
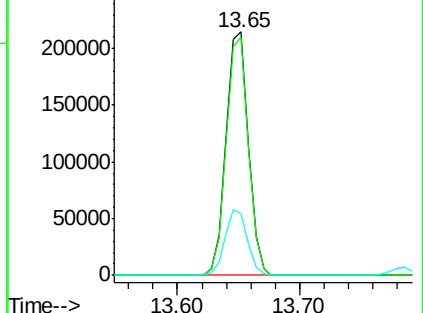
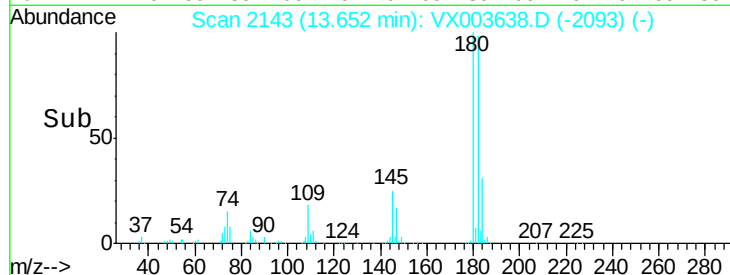
#93
 1,2,4-Trichlorobenzene
 Concen: 48.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.7	143.1
145	26.9	14.1	42.4

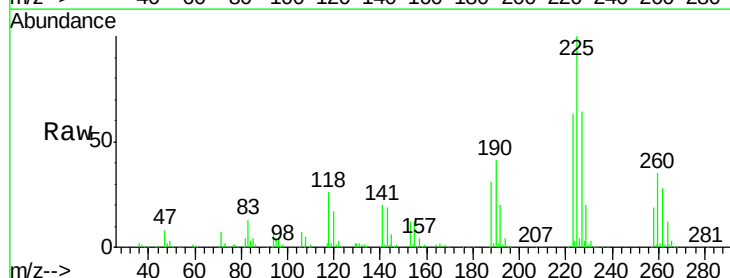


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

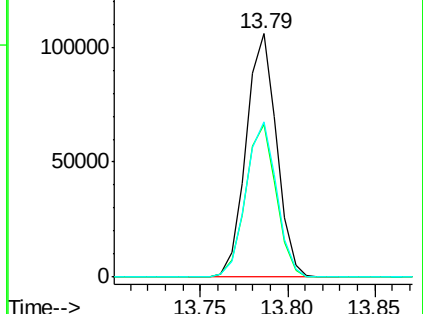
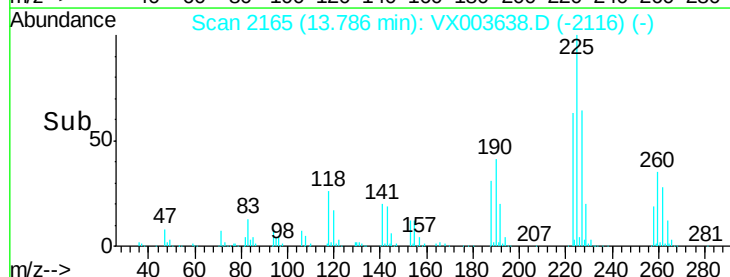


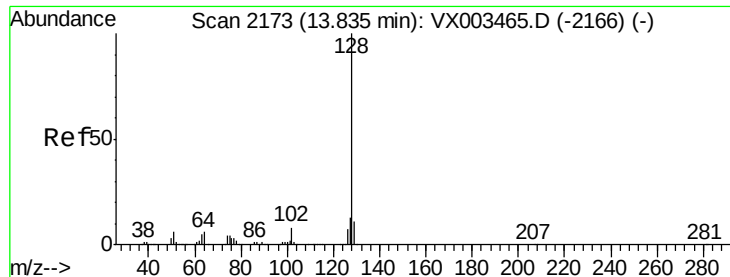
#94
 Hexachlorobutadiene
 Concen: 48.22 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003638.D
 Acq: 24 Jul 2018 07:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	64.2	32.4	97.2



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: 54.58 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

Instrument :

MSVOA_X

ClientSampleId :

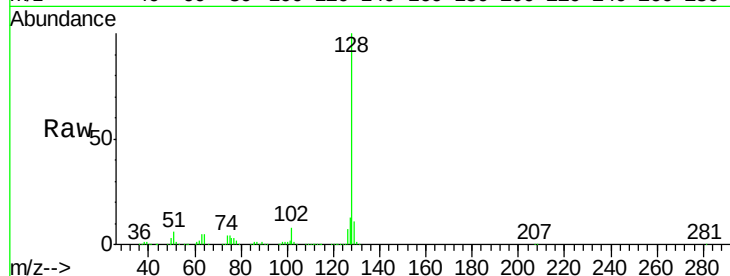
Tot Ion:128 Resp: 789822

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

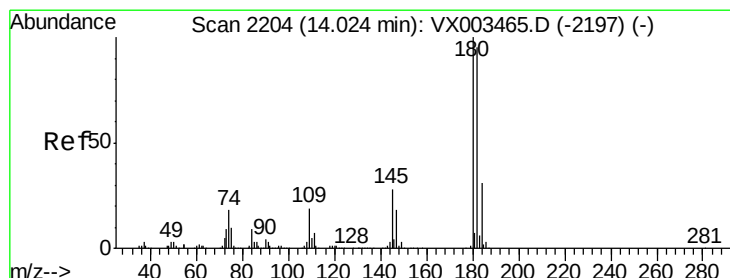
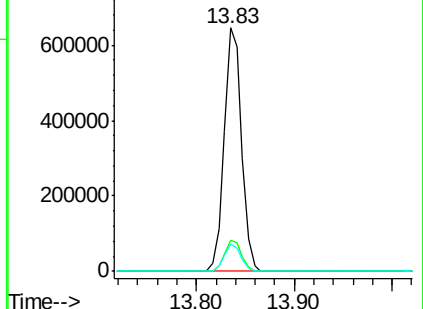
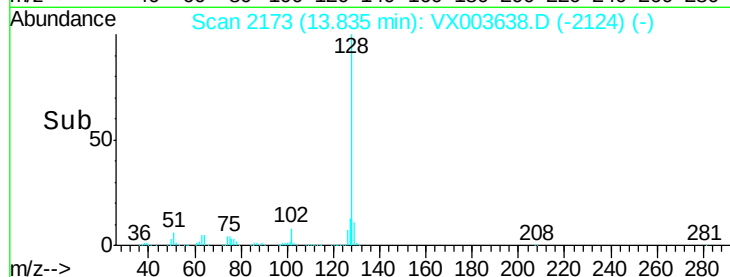
129 11.0 8.6 13.0



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: 51.48 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003638.D

Acq: 24 Jul 2018 07:36

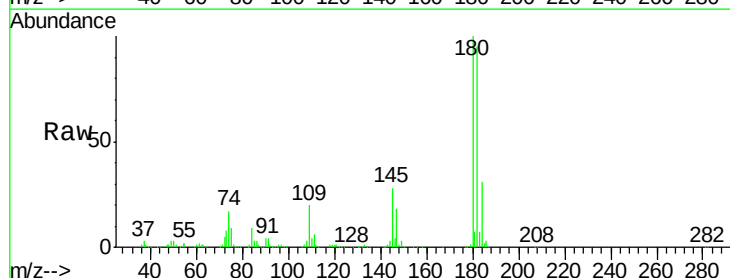
Tgt Ion:180 Resp: 280640

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 28.9 14.8 44.3



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

