

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
 Data File : VX003646.D
 Acq On : 24 Jul 2018 18:02
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 27 01:42:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 01:36:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	178501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169741	96.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.08%	
35) Dibromofluoromethane	5.51	113	139647	95.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.40%	
50) Toluene-d8	8.72	98	546219	98.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.16%	
62) 4-Bromofluorobenzene	11.14	95	205742	101.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	125543	92.390	ug/l	99
3) Chloromethane	1.32	50	165730	92.587	ug/l	99
4) Vinyl Chloride	1.40	62	176532	96.425	ug/l	98
5) Bromomethane	1.64	94	86079	97.371	ug/l	94
6) Chloroethane	1.70	64	108133	96.740	ug/l	98
7) Trichlorofluoromethane	1.92	101	230521	97.819	ug/l	97
8) Diethyl Ether	2.19	74	100901	97.714	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137941	95.109	ug/l	99
10) Methyl Iodide	2.51	142	209208	116.378	ug/l	97
11) Tert butyl alcohol	3.09	59	211549	500.752	ug/l	99
12) 1,1-Dichloroethene	2.37	96	132962	96.349	ug/l	98
13) Acrolein	2.29	56	106959	543.595	ug/l	97
14) Allyl chloride	2.73	41	281861	97.981	ug/l	100
15) Acrylonitrile	3.15	53	489899	479.946	ug/l	100
16) Acetone	2.45	43	390226	469.987	ug/l	99
17) Carbon Disulfide	2.56	76	389494	98.120	ug/l	100
18) Methyl Acetate	2.78	43	239360	95.450	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	468855	96.197	ug/l	97
20) Methylene Chloride	2.86	84	154217	93.738	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	144698	97.510	ug/l	97
22) Diisopropyl ether	3.88	45	513568	97.776	ug/l	93
23) Vinyl Acetate	3.83	43	2241270	498.122	ug/l	100
24) 1,1-Dichloroethane	3.70	63	279889	94.544	ug/l	99
25) 2-Butanone	4.72	43	630783	491.774	ug/l	97
26) 2,2-Dichloropropane	4.58	77	182414	97.456	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	160124	99.383	ug/l	99
28) Bromochloromethane	5.02	49	106205	89.401	ug/l	98
29) Tetrahydrofuran	5.17	42	418110	500.747	ug/l	97
30) Chloroform	5.22	83	258368	96.220	ug/l	96
31) Cyclohexane	5.57	56	245877	103.471	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	224850	100.831	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202129	96.877	ug/l	100
37) Ethyl Acetate	4.88	43	238042	94.881	ug/l	99
38) Carbon Tetrachloride	5.79	117	200501	99.701	ug/l	91

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237312	103.329	ug/l	100
40) Benzene	6.15	78	602350	97.555	ug/l	100
41) Methacrylonitrile	5.07	41	130667	94.054	ug/l	99
42) 1,2-Dichloroethane	6.20	62	210894	97.042	ug/l	99
43) Isopropyl Acetate	6.48	43	364756	99.660	ug/l	99
44) Trichloroethene	7.21	130	157456	95.113	ug/l	99
45) 1,2-Dichloropropane	7.52	63	157411	98.625	ug/l	99
46) Dibromomethane	7.67	93	100996	98.504	ug/l	100
47) Bromodichloromethane	7.90	83	196460	102.197	ug/l	99
48) Methyl methacrylate	7.78	41	191974	103.363	ug/l	100
49) 1,4-Dioxane	7.76	88	86313	2083.035	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1256186	508.678	ug/l	100
52) Toluene	8.79	92	377742	98.422	ug/l	100
53) t-1,3-Dichloropropene	9.05	75	227025	98.389	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	244434	113.041	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154345	98.383	ug/l	98
56) Ethyl methacrylate	9.19	69	253787	108.706	ug/l	99
57) 1,3-Dichloropropane	9.38	76	260133	98.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	622229	530.380	ug/l	99
59) 2-Hexanone	9.50	43	1002396	529.157	ug/l	100
60) Dibromochloromethane	9.59	129	159886	107.448	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163158	99.877	ug/l	100
64) Tetrachloroethene	9.34	164	152291	97.301	ug/l	97
65) Chlorobenzene	10.14	112	425459	98.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	152701	101.948	ug/l	100
67) Ethyl Benzene	10.26	91	742677	102.980	ug/l	100
68) m/p-Xylenes	10.36	106	575126	207.876	ug/l	100
69) o-Xylene	10.70	106	277695	104.261	ug/l	99
70) Styrene	10.71	104	477916	106.818	ug/l	100
71) Bromoform	10.86	173	130822	110.454	ug/l #	99
73) Isopropylbenzene	11.02	105	740904	100.742	ug/l	100
74) N-amyl acetate	6.48	43	364756	95.095	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	259209	95.442	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	306317	135.673	ug/l	83
77) Bromobenzene	11.26	156	195129	97.687	ug/l	100
78) n-propylbenzene	11.37	91	869396	102.376	ug/l	100
79) 2-Chlorotoluene	11.43	91	505350	97.907	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	640103	102.875	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	82422	113.106	ug/l	96
82) 4-Chlorotoluene	11.51	91	605938	99.661	ug/l	100
83) tert-Butylbenzene	11.77	119	627988	103.143	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	656937	102.729	ug/l	99
85) sec-Butylbenzene	11.95	105	743844	102.360	ug/l	100
86) p-Isopropyltoluene	12.07	119	673899	103.320	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	365425	98.231	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	369505	95.537	ug/l	100
89) n-Butylbenzene	12.39	91	609204	103.627	ug/l	100
90) Hexachloroethane	12.60	117	104444	105.735	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	371701	97.797	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59674	105.553	ug/l	99

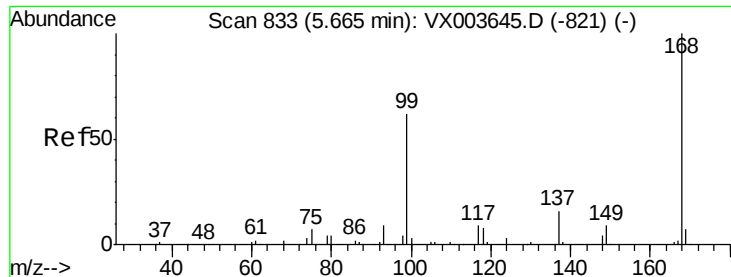
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276994	102.136	ug/l	100
94) Hexachlorobutadiene	13.79	225	121721	97.010	ug/l	99
95) Naphthalene	13.84	128	877360	106.960	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281452	102.168	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

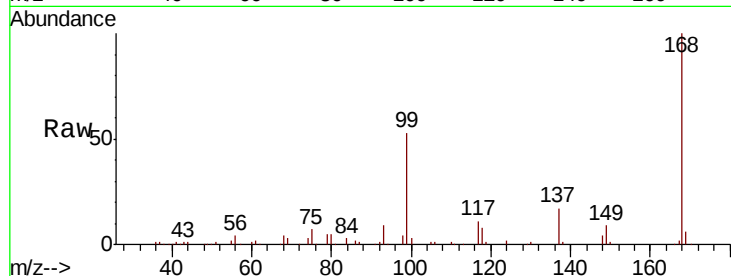
VSTDIC100

Tgt Ion:168 Resp: 119311

Ion Ratio Lower Upper

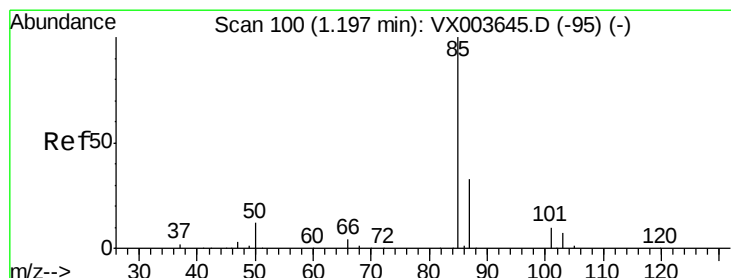
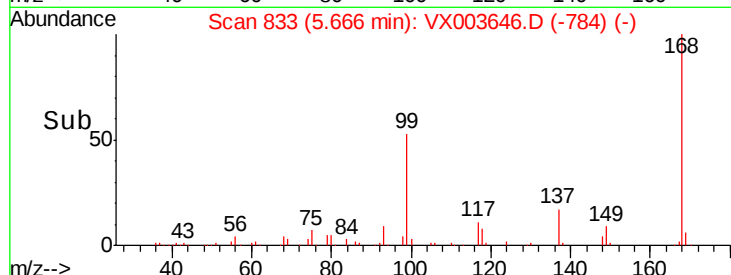
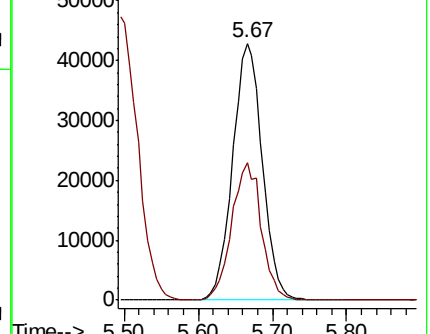
168 100

99 53.1 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 92.390 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX003646.D

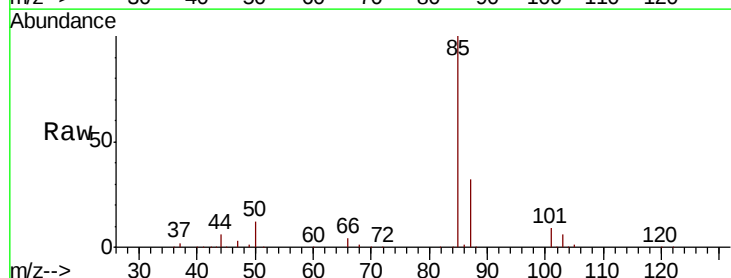
Acq: 24 Jul 2018 18:02

Tgt Ion: 85 Resp: 125543

Ion Ratio Lower Upper

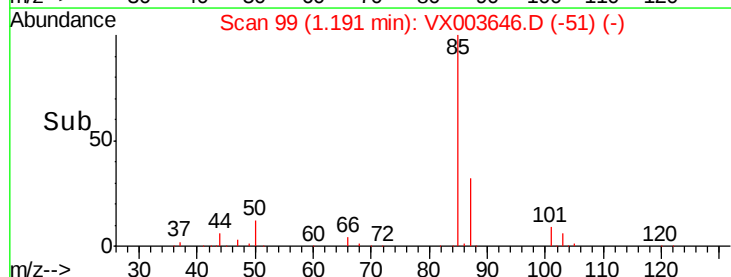
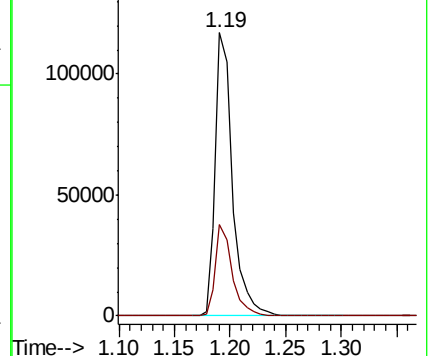
85 100

87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 92.587 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

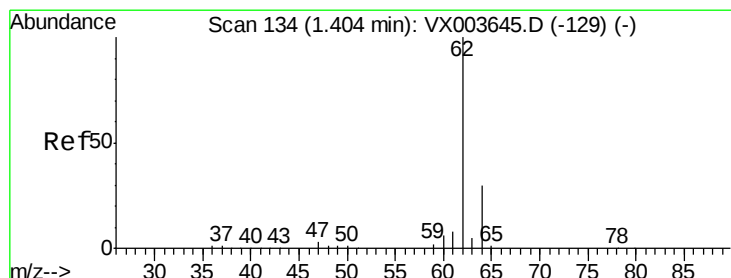
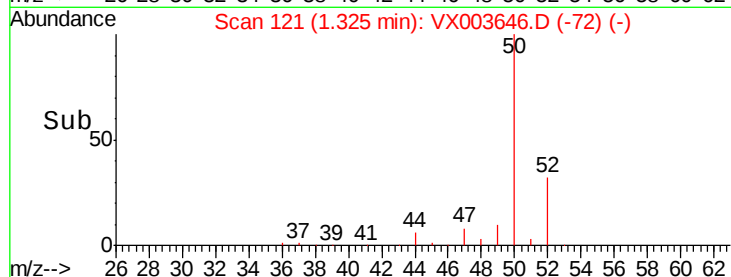
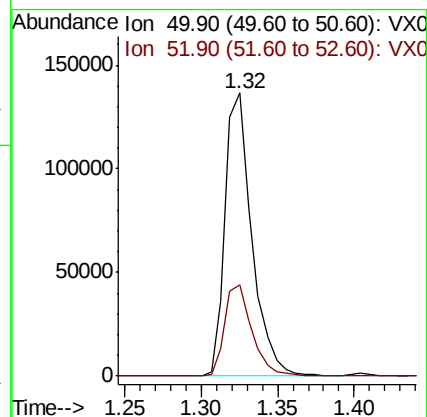
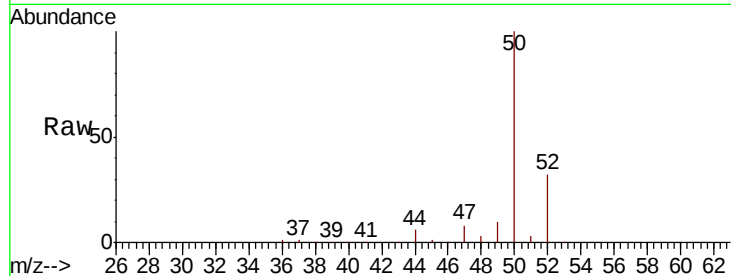
VSTDIC100

Tgt Ion: 50 Resp: 165730

Ion Ratio Lower Upper

50 100

52 32.4 26.3 39.5



#4

Vinyl Chloride

Concen: 96.425 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003646.D

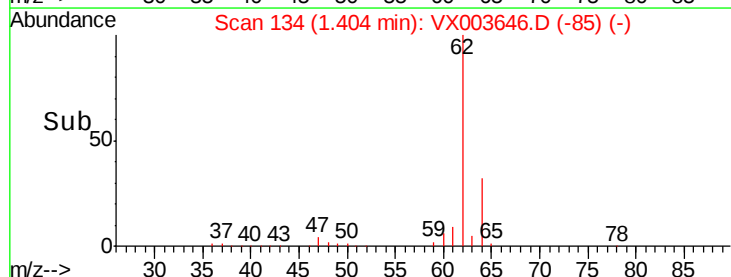
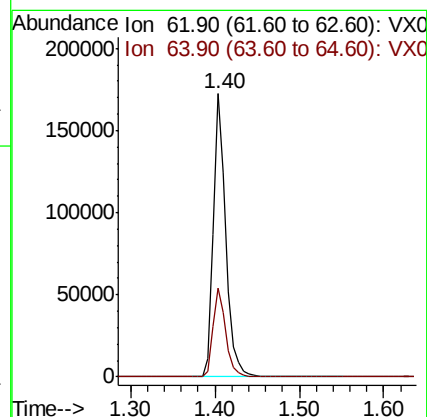
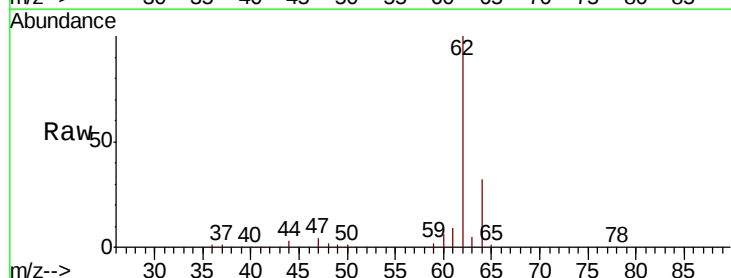
Acq: 24 Jul 2018 18:02

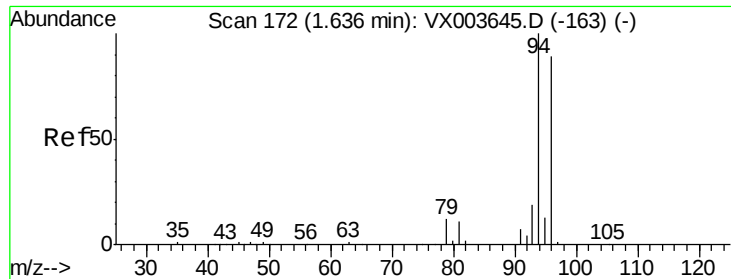
Tgt Ion: 62 Resp: 176532

Ion Ratio Lower Upper

62 100

64 31.5 24.4 36.6





#5

Bromomethane

Concen: 97.371 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

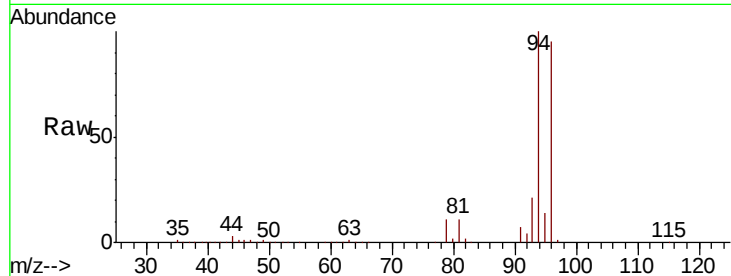
VSTDICC100

Tgt Ion: 94 Resp: 86079

Ion Ratio Lower Upper

94 100

96 95.1 71.3 106.9

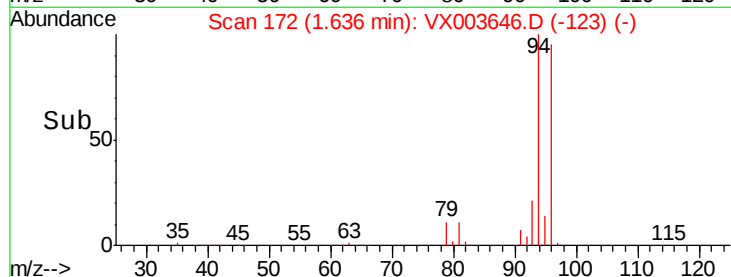


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



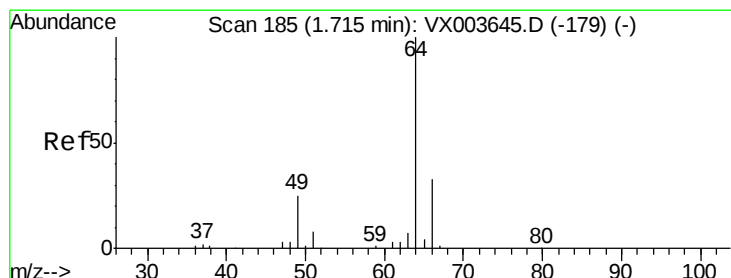
Abundance

Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



#6

Chloroethane

Concen: 96.740 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003646.D

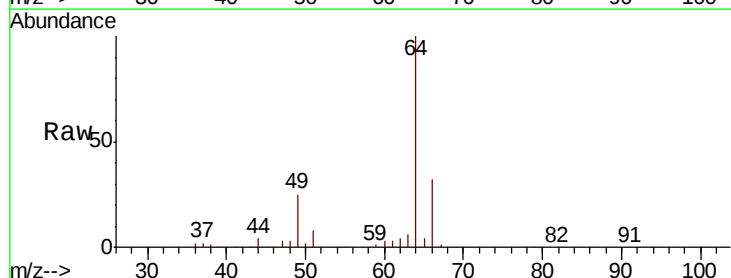
Acq: 24 Jul 2018 18:02

Tgt Ion: 64 Resp: 108133

Ion Ratio Lower Upper

64 100

66 31.6 26.3 39.5

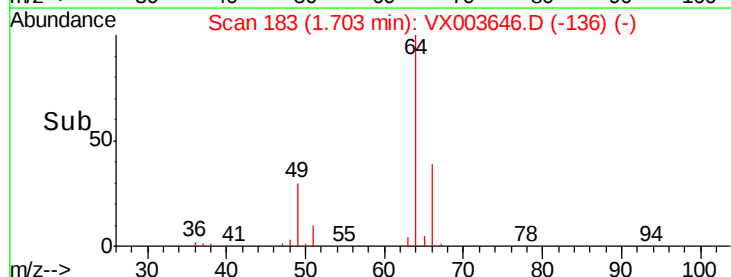


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

Time-->



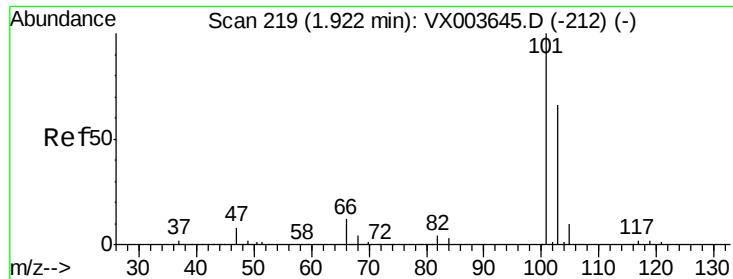
Abundance

Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

Time-->

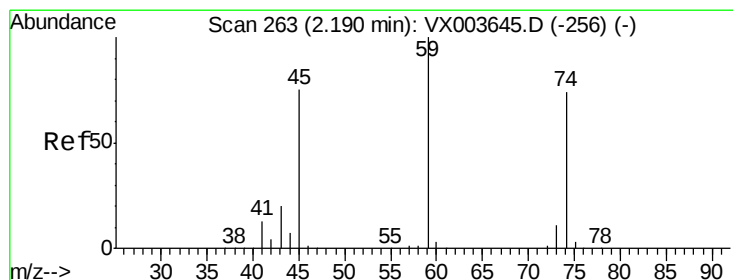
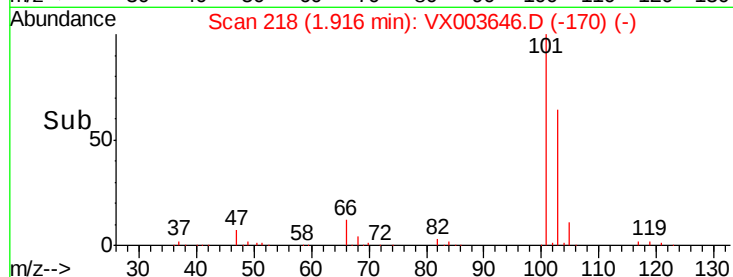
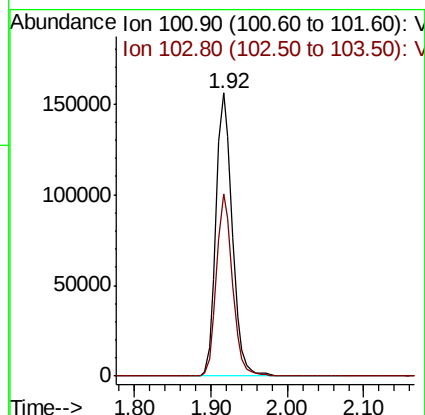
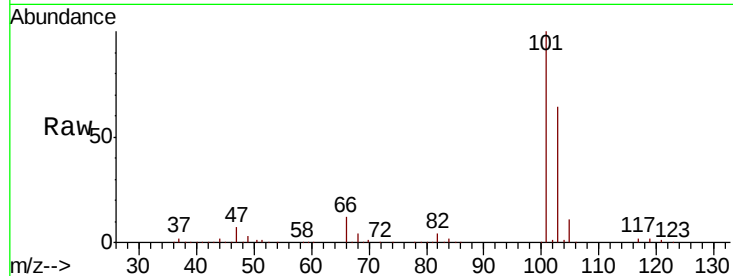


#7

Trichlorofluoromethane
 Concen: 97.819 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

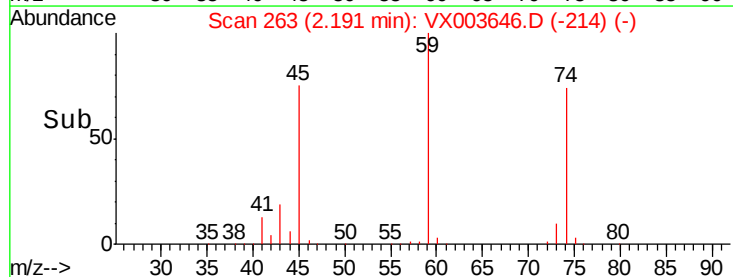
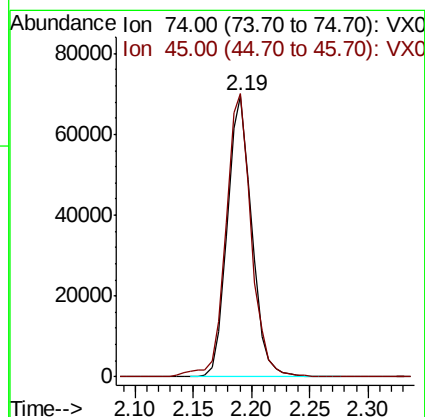
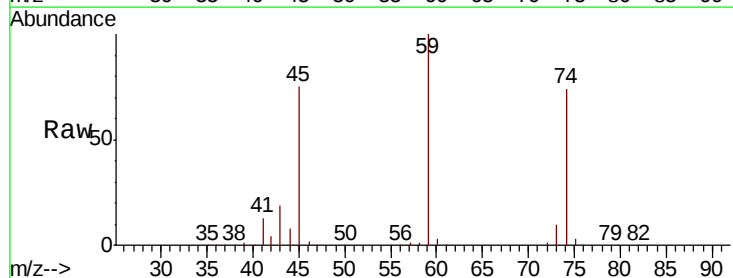
Tgt Ion:101 Resp: 230521
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.2 79.8

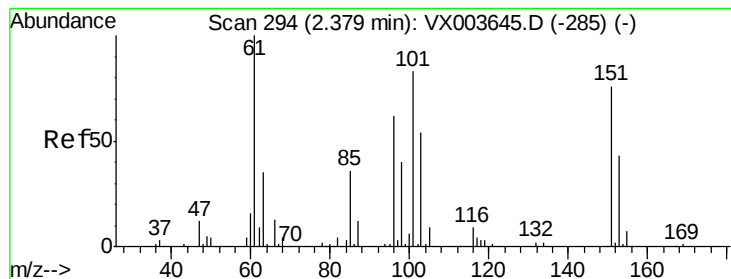


#8

Diethyl Ether
 Concen: 97.714 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion: 74 Resp: 100901
 Ion Ratio Lower Upper
 74 100
 45 104.8 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.109 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

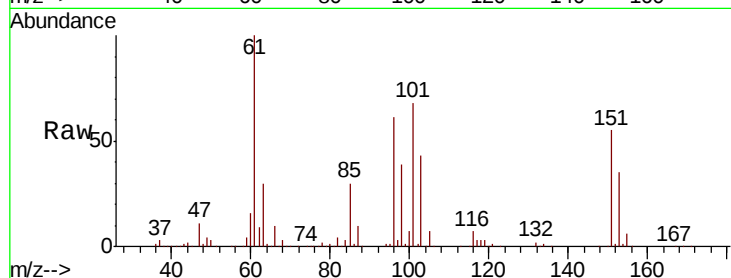
Tgt Ion:101 Resp: 137941

Ion Ratio Lower Upper

101 100

85 43.4 34.6 52.0

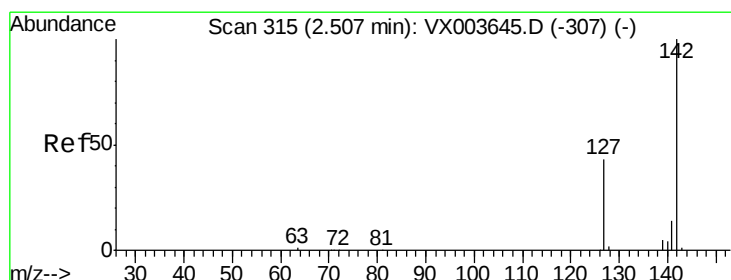
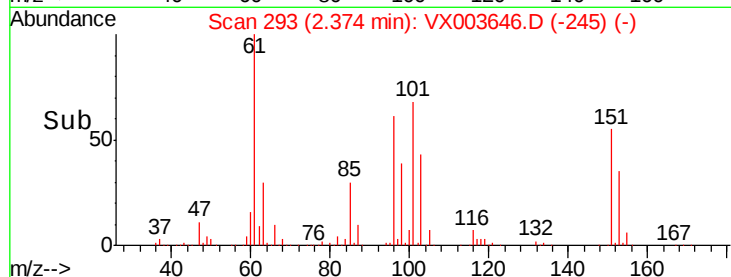
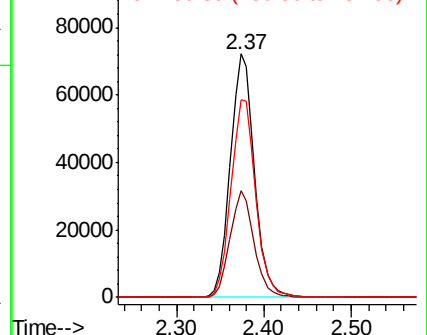
151 83.4 67.5 101.3



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: 116.378 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

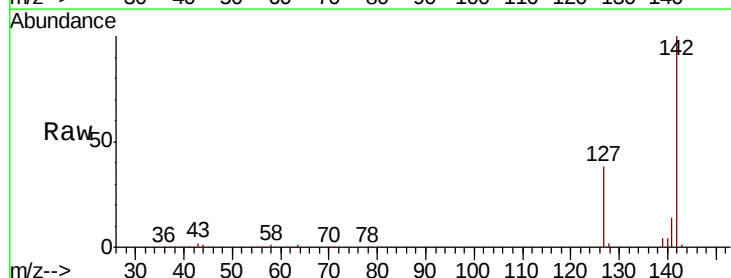
Tgt Ion:142 Resp: 209208

Ion Ratio Lower Upper

142 100

127 40.2 34.0 51.0

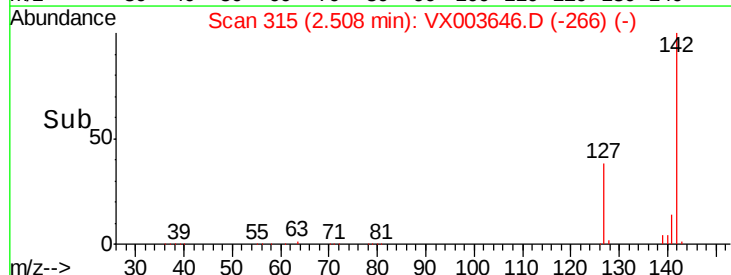
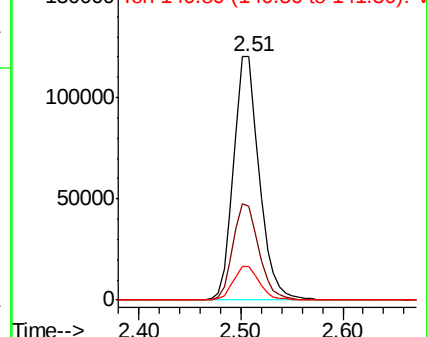
141 14.1 11.3 16.9

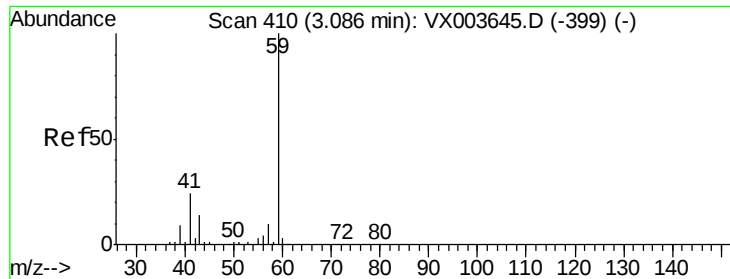


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

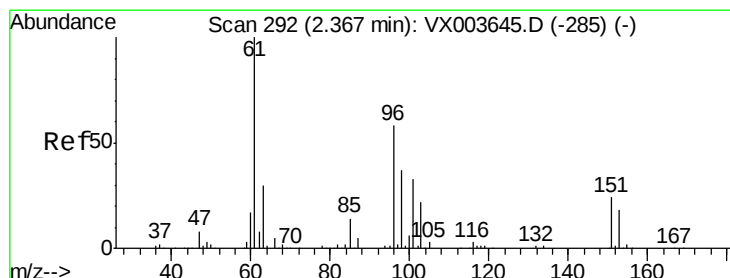
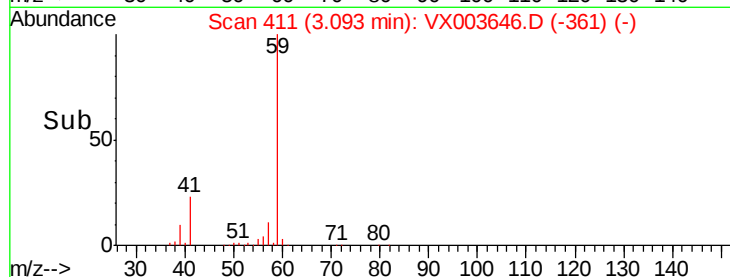
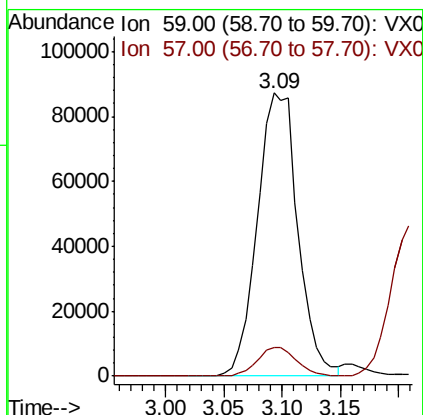
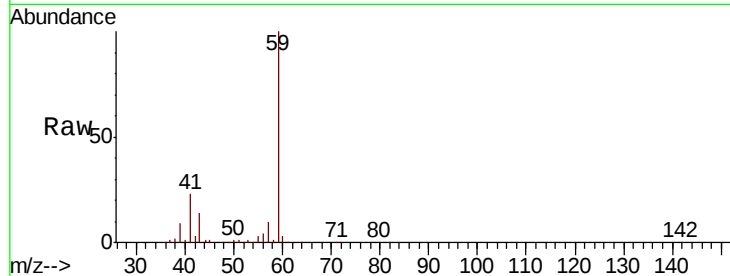




#11
Tert butyl alcohol
Concen: 500.752 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

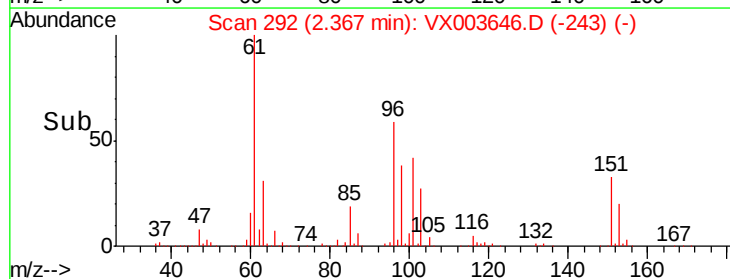
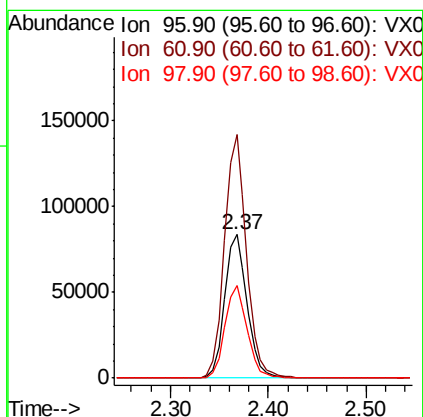
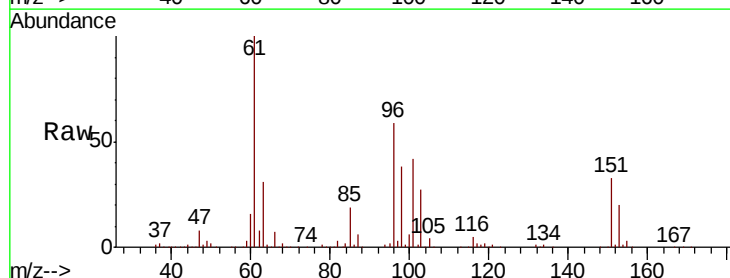
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

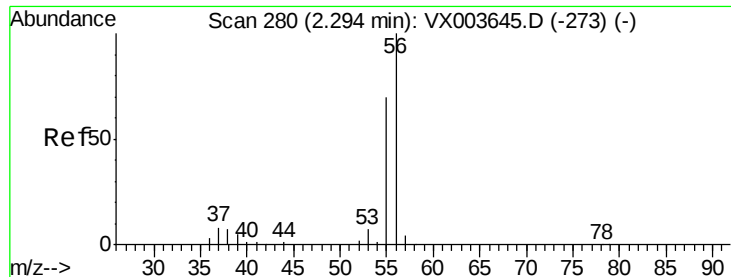
Tgt Ion: 59 Resp: 211549
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 96.349 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 96 Resp: 132962
Ion Ratio Lower Upper
96 100
61 169.8 138.8 208.2
98 64.2 51.4 77.2





#13

Acrolein

Concen: 543.595 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

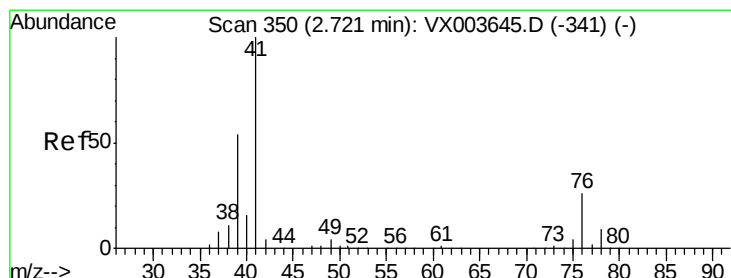
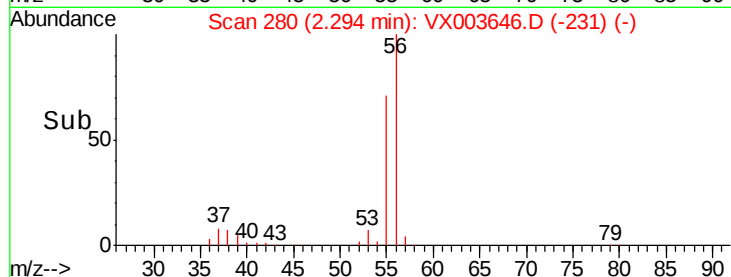
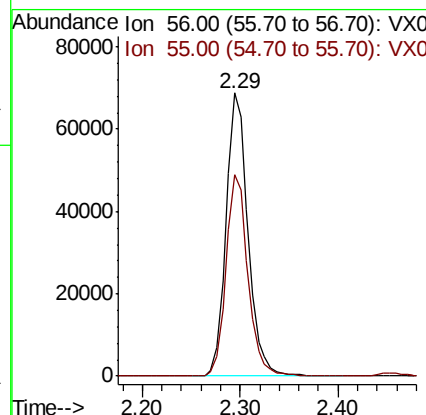
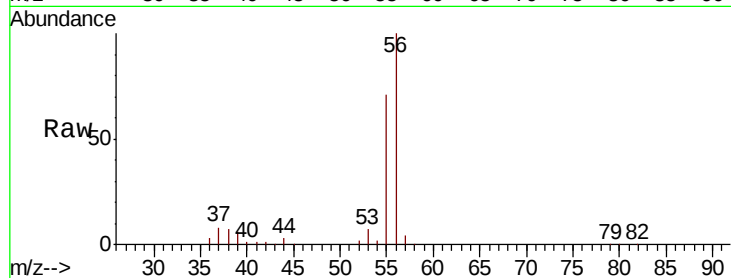
VSTDIC100

Tgt Ion: 56 Resp: 106959

Ion Ratio Lower Upper

56 100

55 71.3 55.4 83.2



#14

Allyl chloride

Concen: 97.981 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

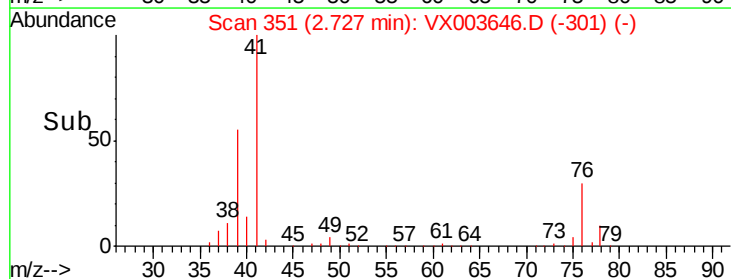
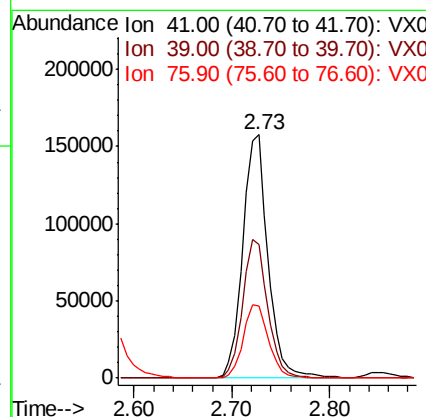
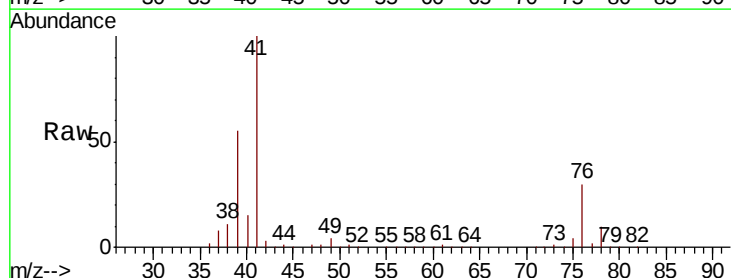
Tgt Ion: 41 Resp: 281861

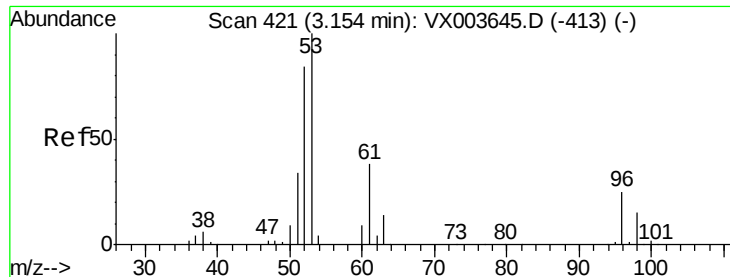
Ion Ratio Lower Upper

41 100

39 56.6 45.3 67.9

76 30.3 23.8 35.6





#15

Acrylonitrile

Concen: 479.946 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

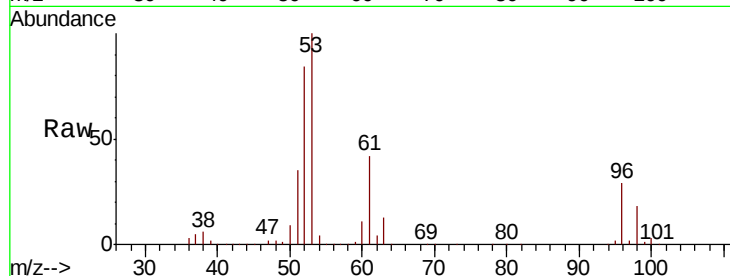
Tgt Ion: 53 Resp: 489899

Ion Ratio Lower Upper

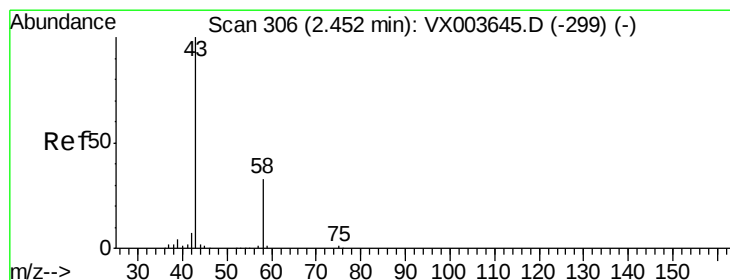
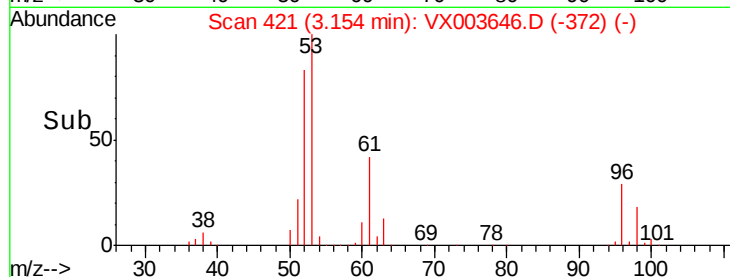
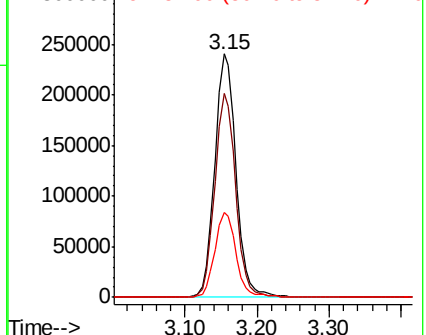
53 100

52 82.7 66.1 99.1

51 35.8 28.2 42.4



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



#16

Acetone

Concen: 469.987 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003646.D

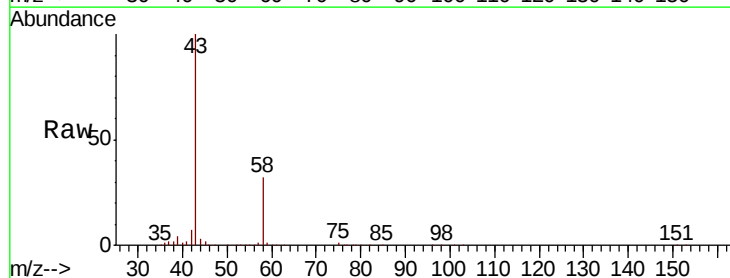
Acq: 24 Jul 2018 18:02

Tgt Ion: 43 Resp: 390226

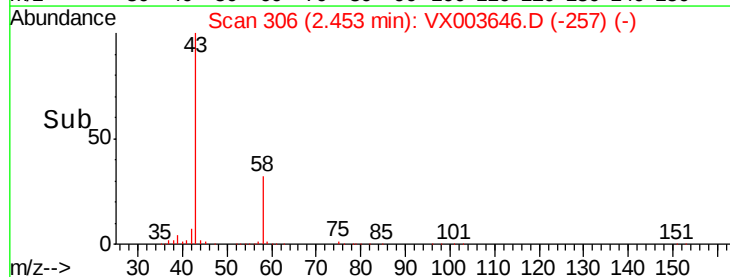
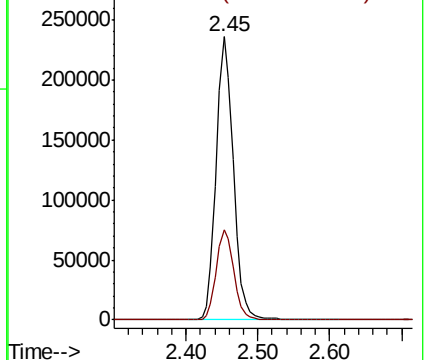
Ion Ratio Lower Upper

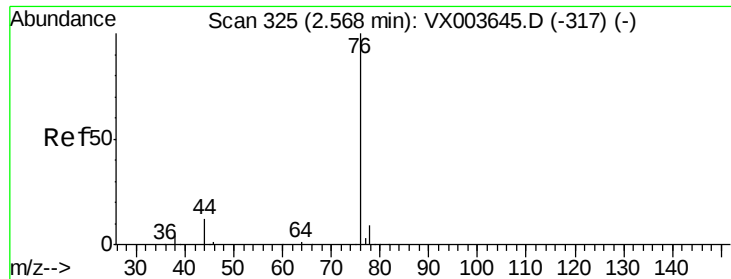
43 100

58 31.8 26.1 39.1



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

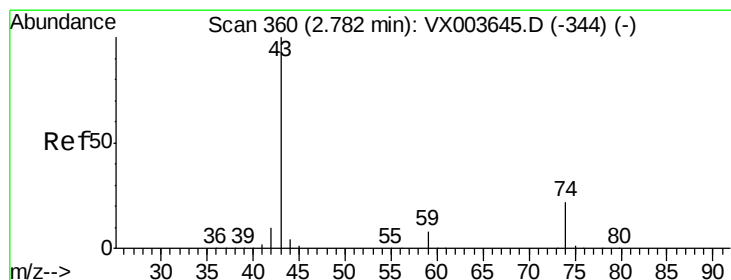
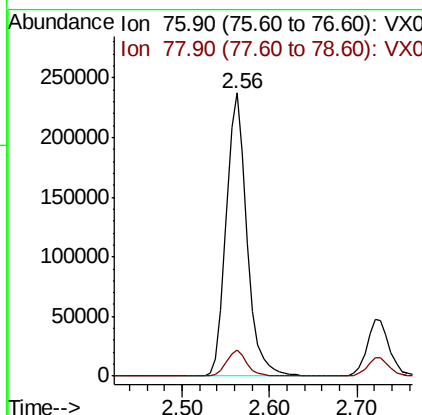
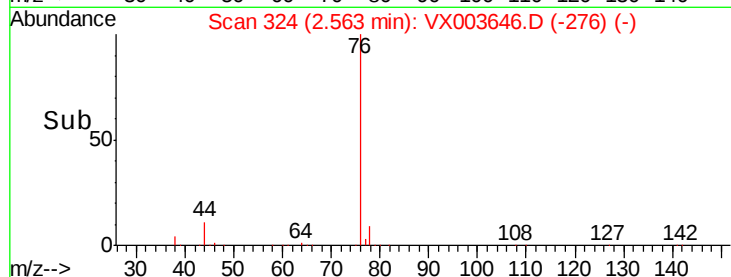
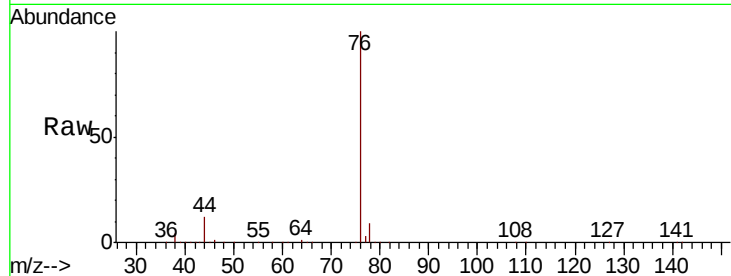




#17
Carbon Disulfide
Concen: 98.120 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

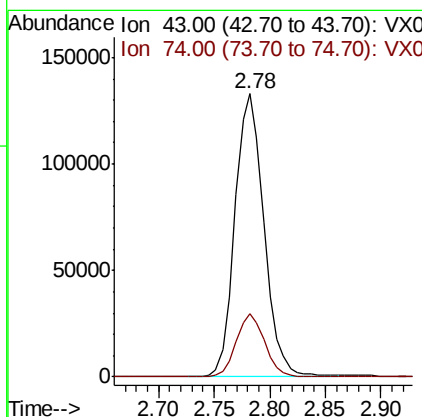
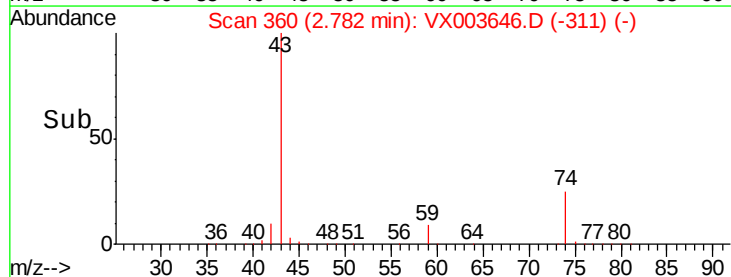
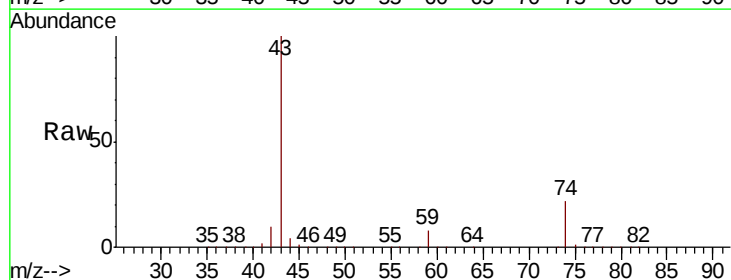
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

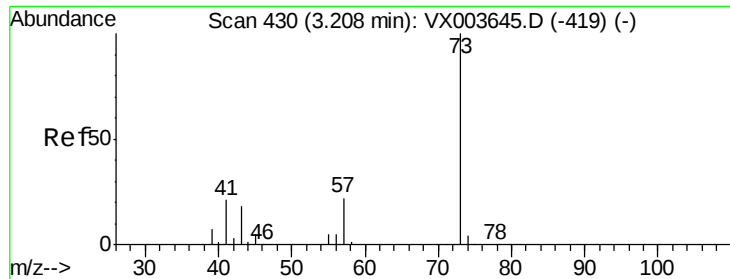
Tgt Ion: 76 Resp: 389494
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 95.450 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 43 Resp: 239360
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8

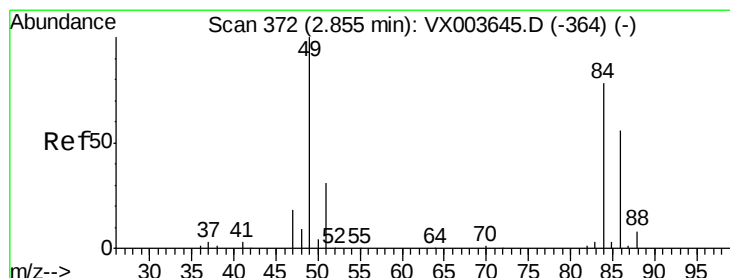
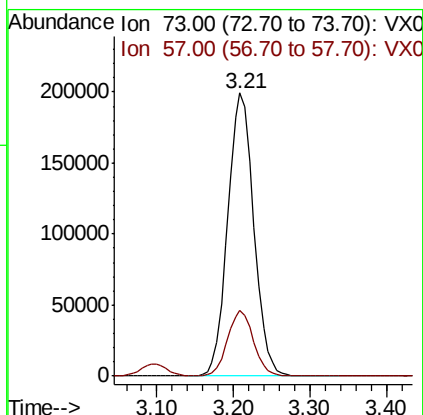
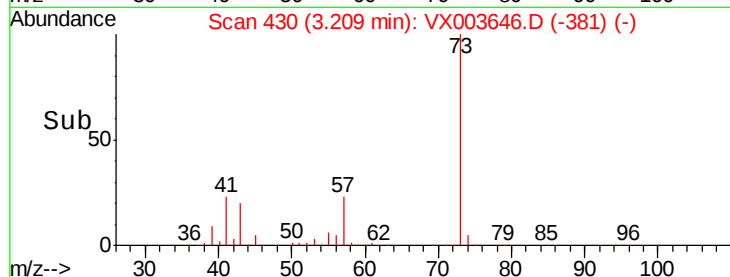
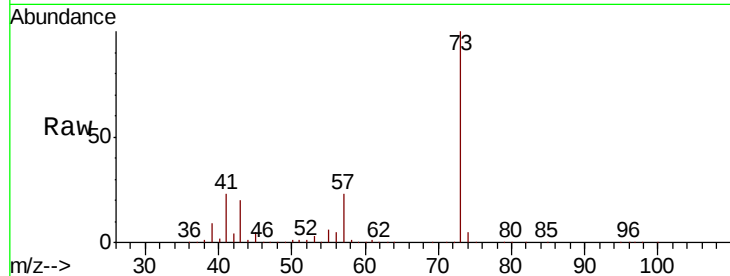




#19
Methyl tert-butyl Ether
Concen: 96.197 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

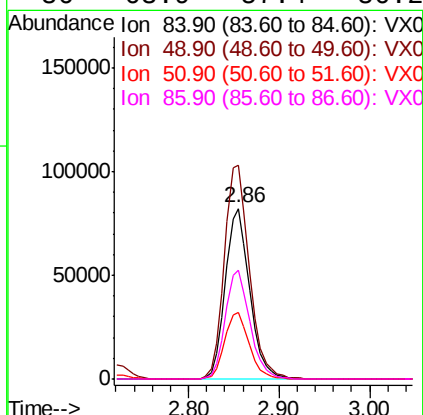
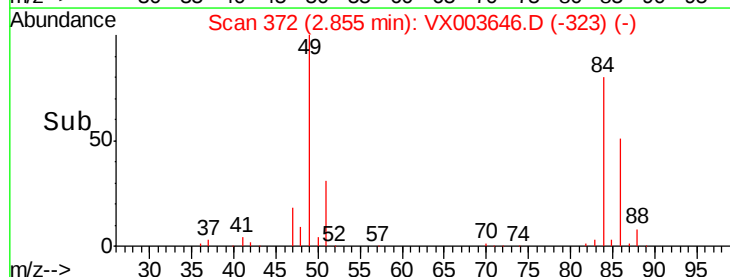
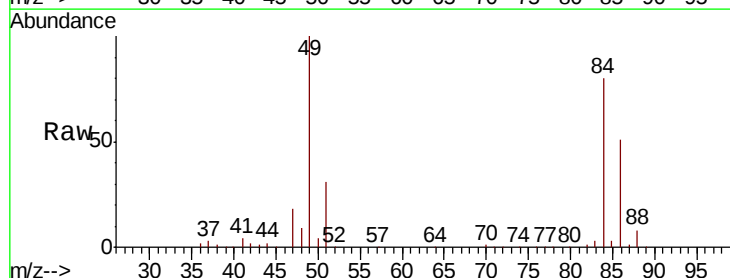
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

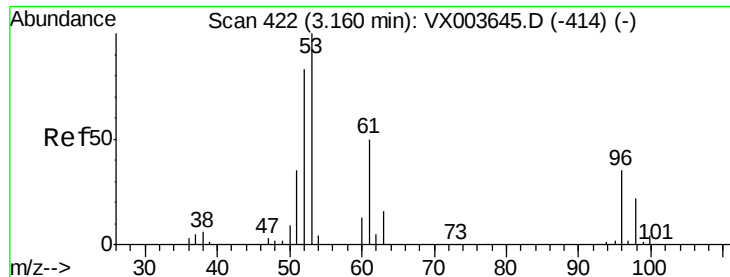
Tgt Ion: 73 Resp: 468855
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.2



#20
Methylene Chloride
Concen: 93.738 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 84 Resp: 154217
Ion Ratio Lower Upper
84 100
49 125.3 102.3 153.5
51 39.0 31.8 47.8
86 63.9 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 97.510 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

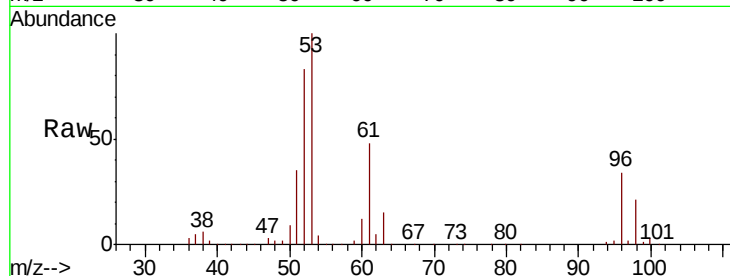
Tgt Ion: 96 Resp: 144698

Ion Ratio Lower Upper

96 100

61 138.7 115.0 172.4

98 61.6 49.7 74.5

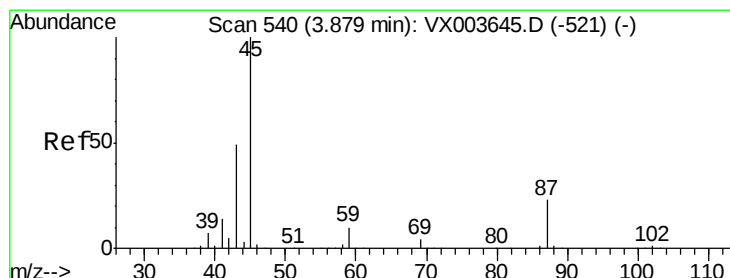
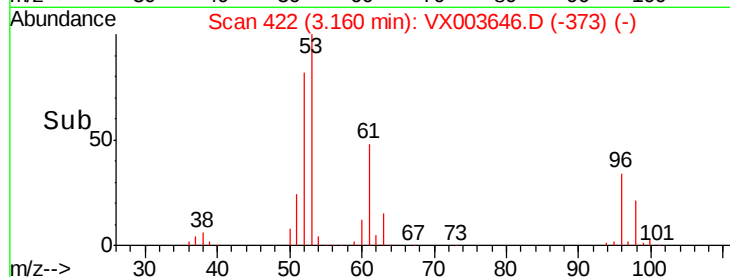
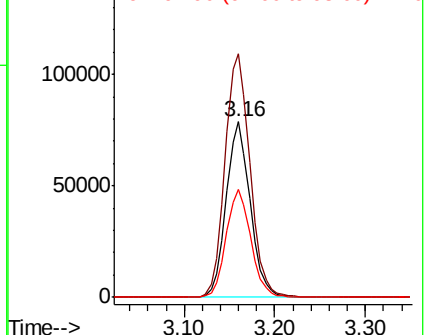


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 97.776 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Tgt Ion: 45 Resp: 513568

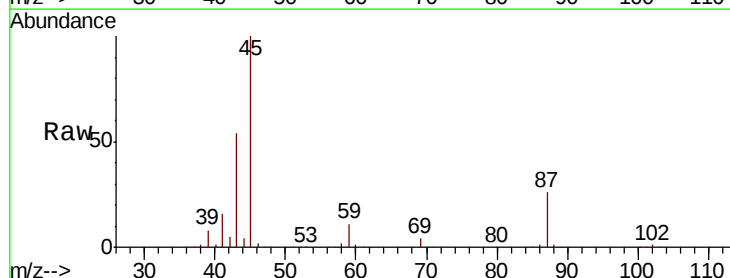
Ion Ratio Lower Upper

45 100

43 53.8 39.0 58.4

87 26.0 18.4 27.6

59 11.4 7.8 11.8



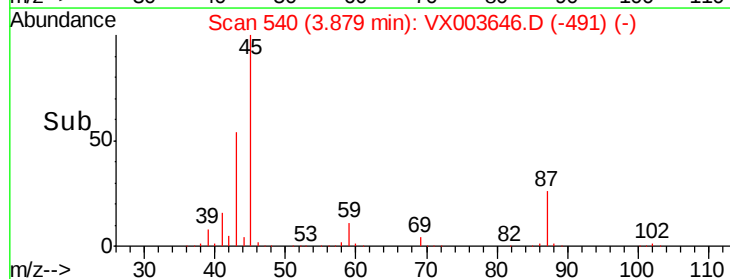
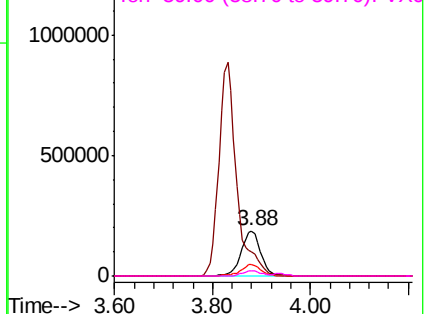
Abundance

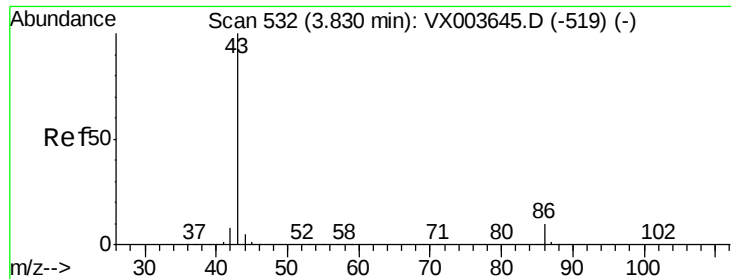
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

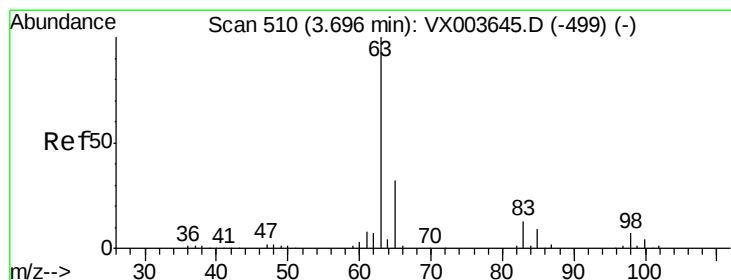
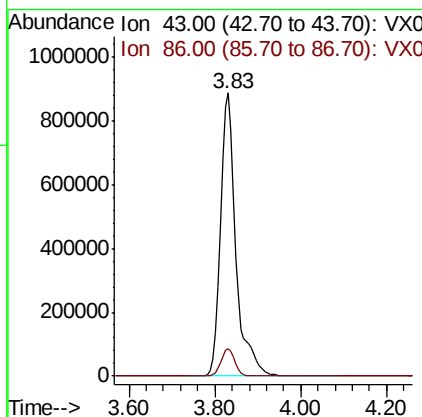
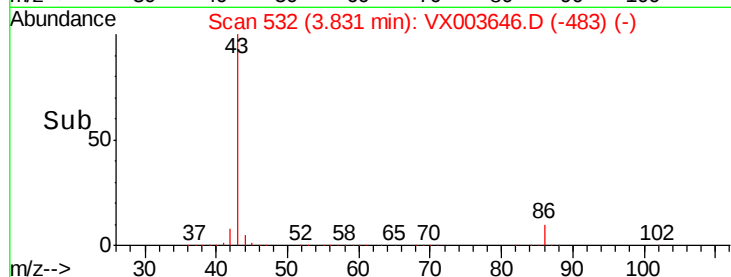
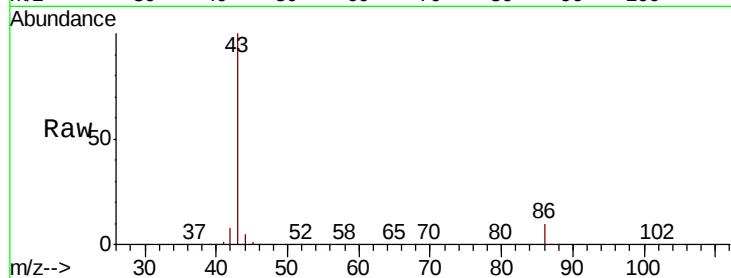




#23
 Vinyl Acetate
 Concen: 498.122 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

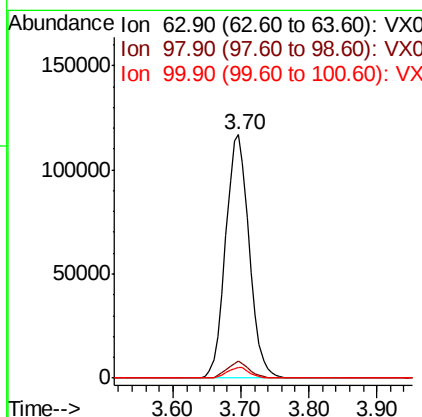
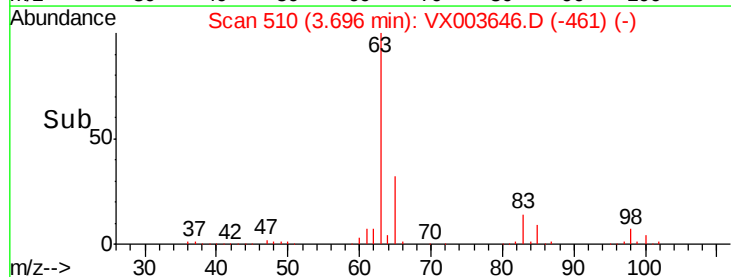
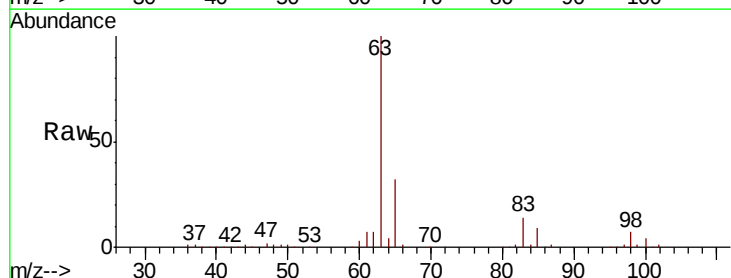
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

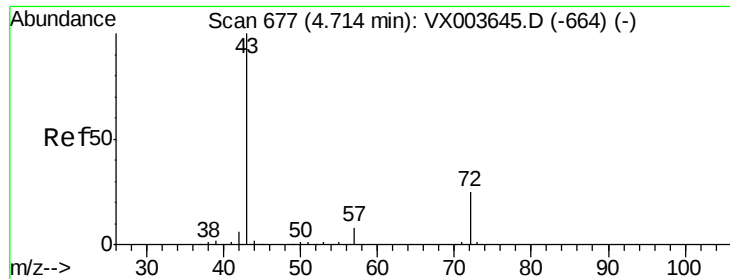
Tgt Ion: 43 Resp: 2241270
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 94.544 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion: 63 Resp: 279889
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 491.774 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

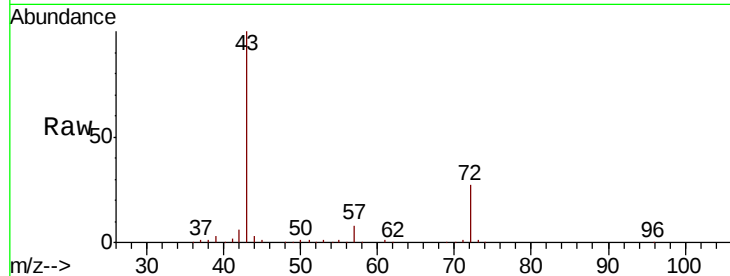
VSTDIC100

Tgt Ion: 43 Resp: 630783

Ion Ratio Lower Upper

43 100

72 26.7 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

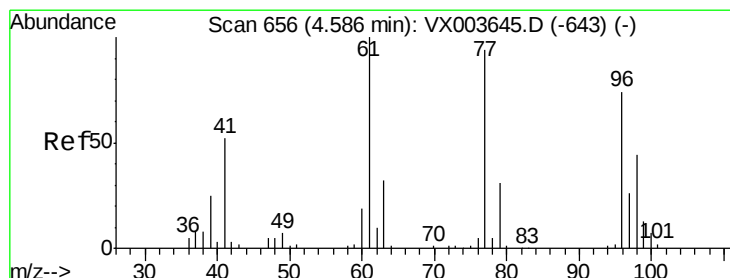
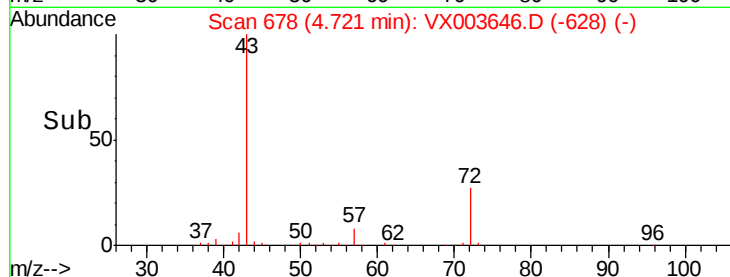
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 97.456 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003646.D

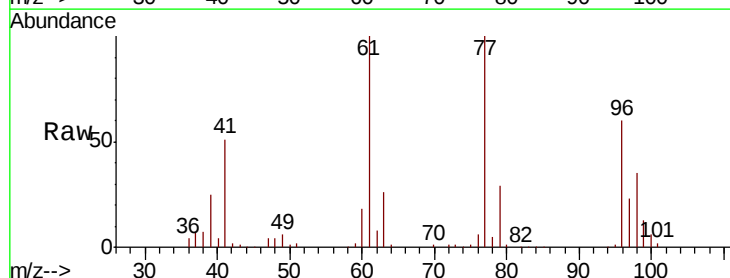
Acq: 24 Jul 2018 18:02

Tgt Ion: 77 Resp: 182414

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

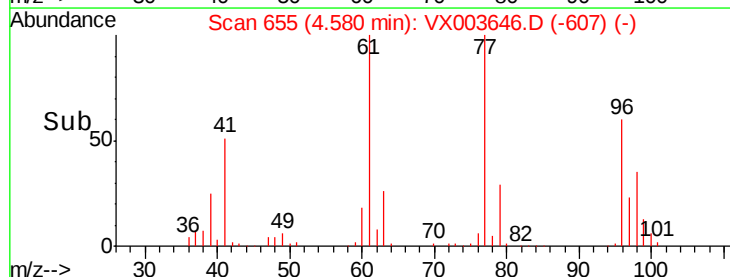
4.40

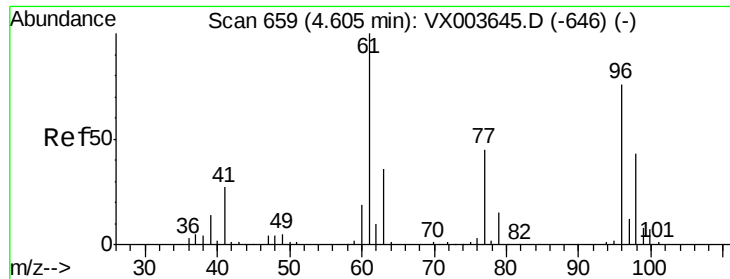
4.50

4.60

4.70

Time-->



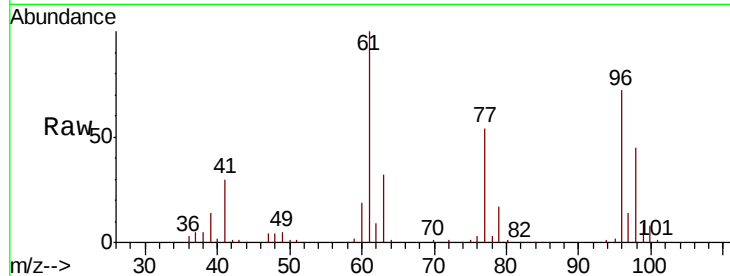


#27

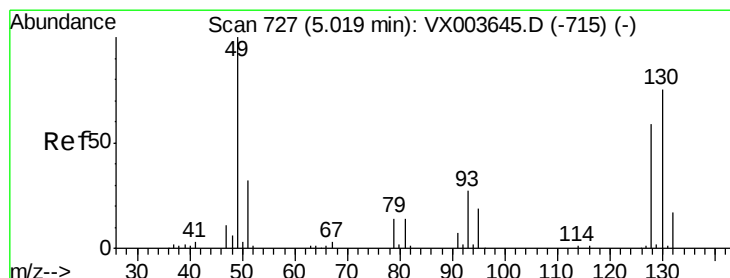
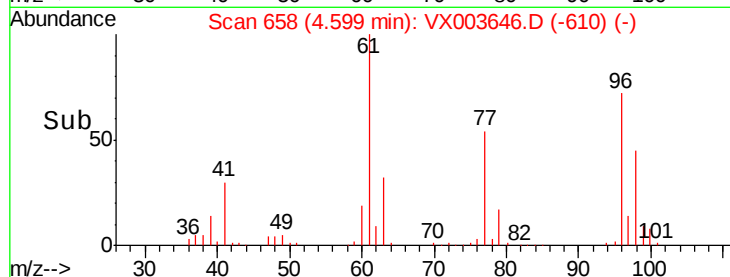
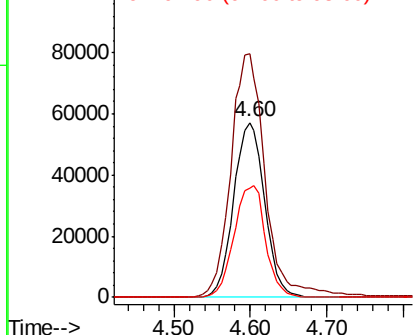
cis-1,2-Dichloroethene
Concen: 99.383 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 160124
Ion Ratio Lower Upper
96 100
61 156.0 0.0 313.6
98 64.9 0.0 125.6



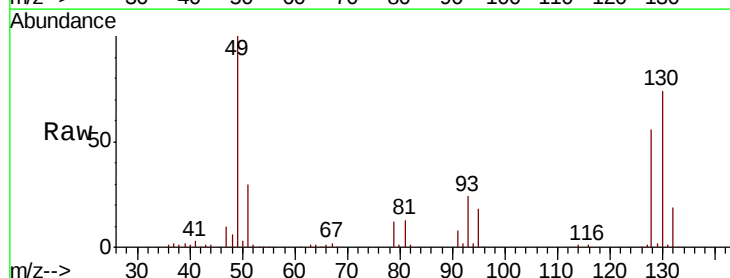
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



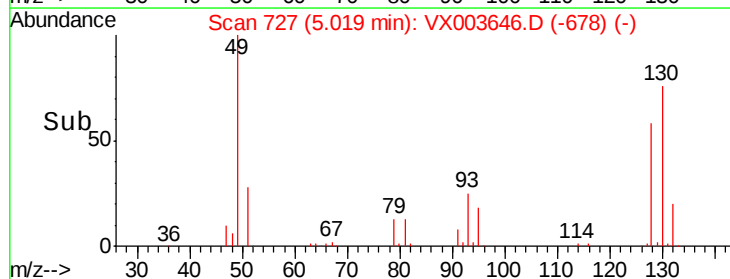
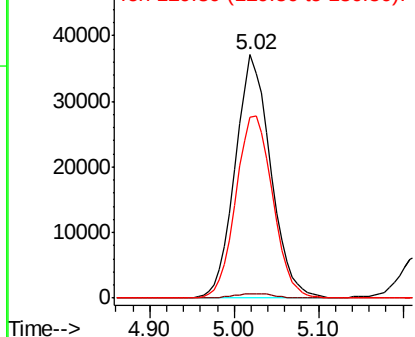
#28

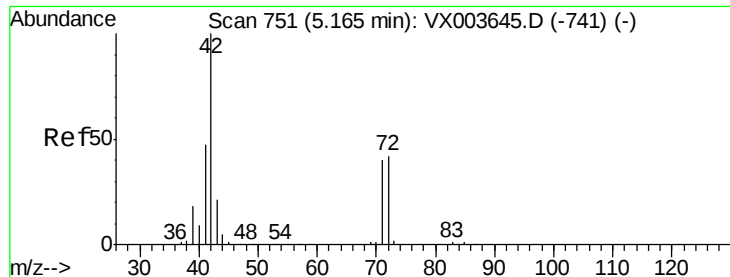
Bromochloromethane
Concen: 89.401 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 49 Resp: 106205
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 77.8 61.0 91.6



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

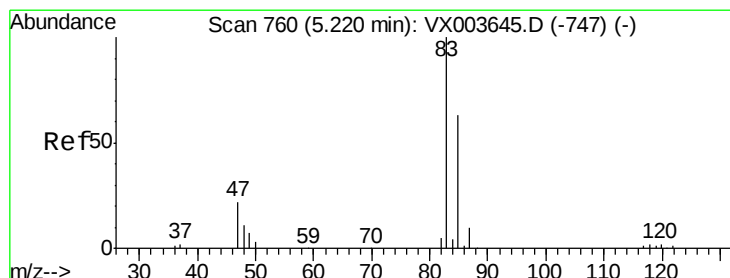
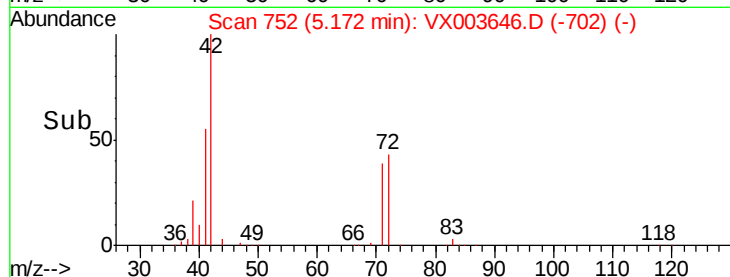
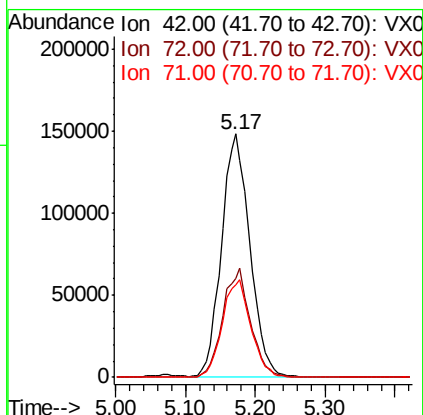
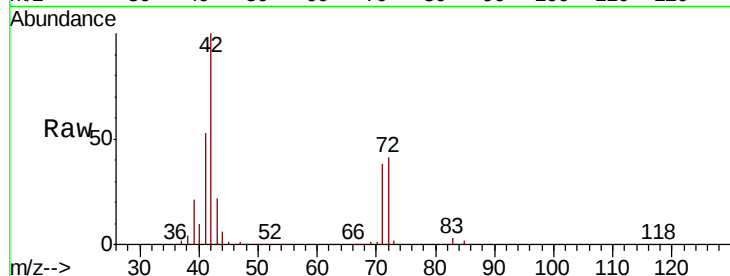




#29
Tetrahydrofuran
Concen: 500.747 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

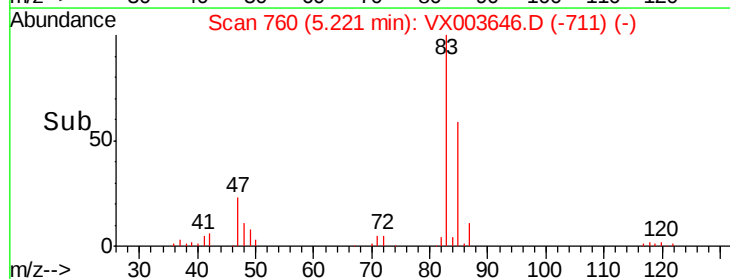
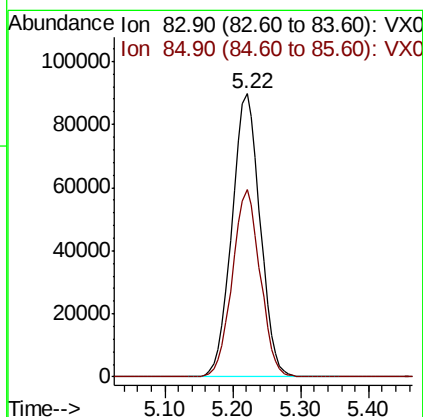
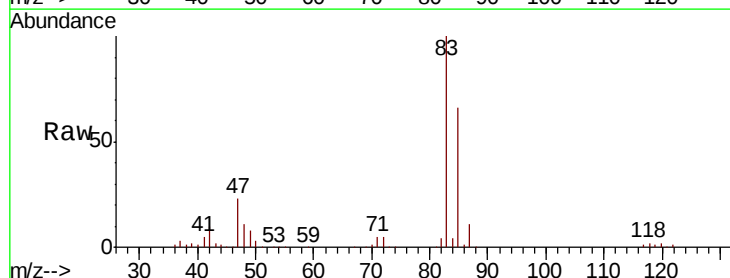
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

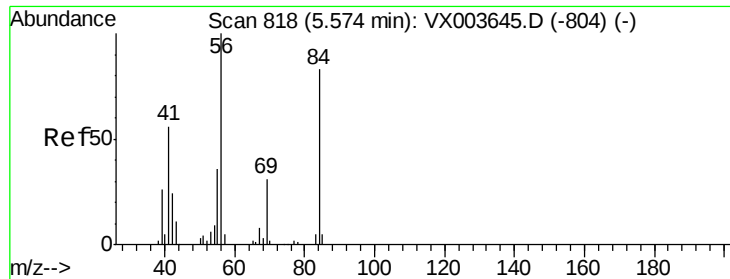
Tgt Ion: 42 Resp: 418110
Ion Ratio Lower Upper
42 100
72 43.6 33.4 50.0
71 40.1 31.0 46.6



#30
Chloroform
Concen: 96.220 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 83 Resp: 258368
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.4

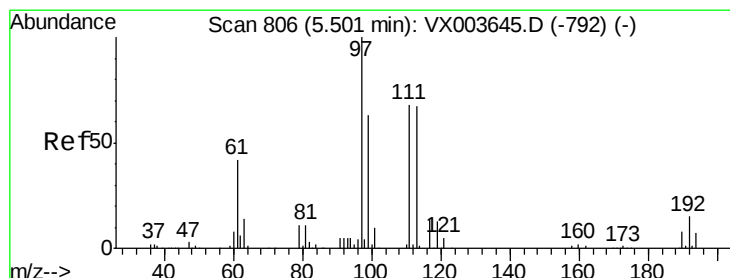
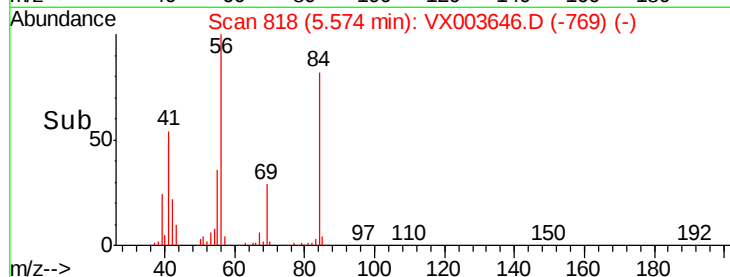
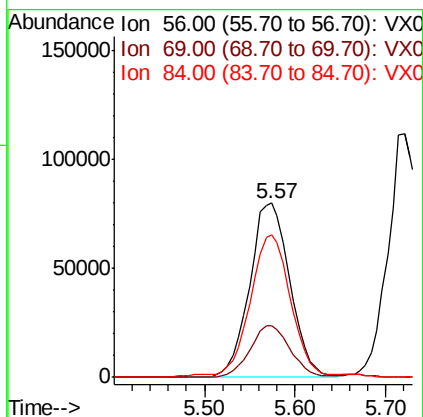
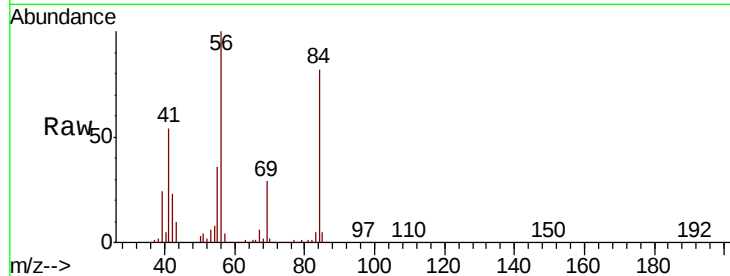




#31
Cyclohexane
Concen: 103.471 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

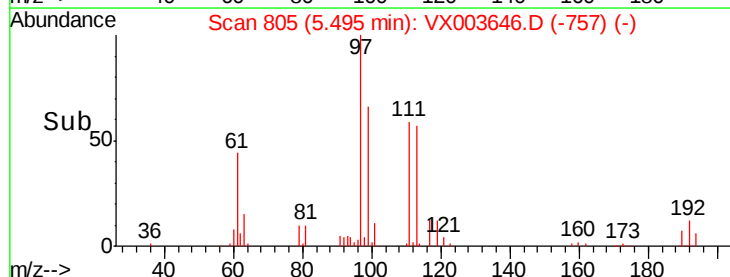
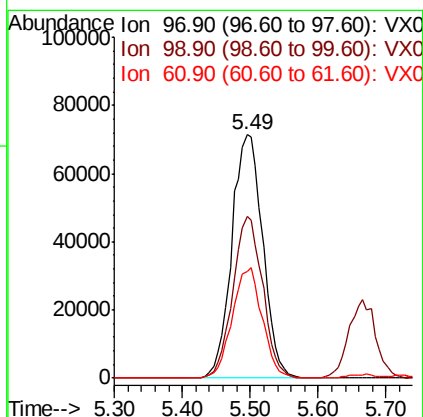
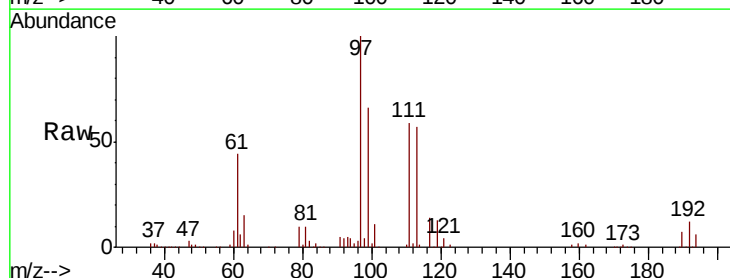
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

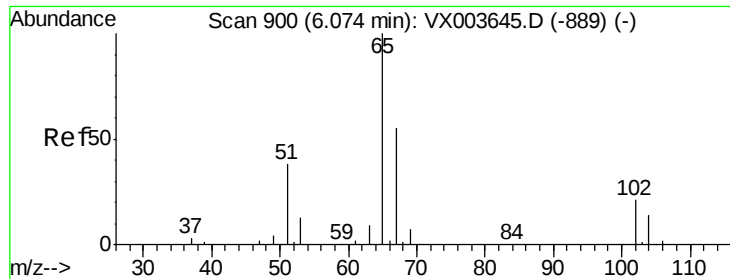
Tgt Ion: 56 Resp: 245877
Ion Ratio Lower Upper
56 100
69 29.3 25.0 37.6
84 80.9 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 100.831 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 97 Resp: 224850
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 44.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 96.043 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

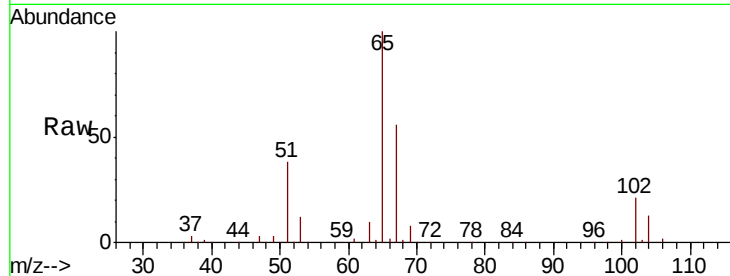
VSTDIC100

Tgt Ion: 65 Resp: 169741

Ion Ratio Lower Upper

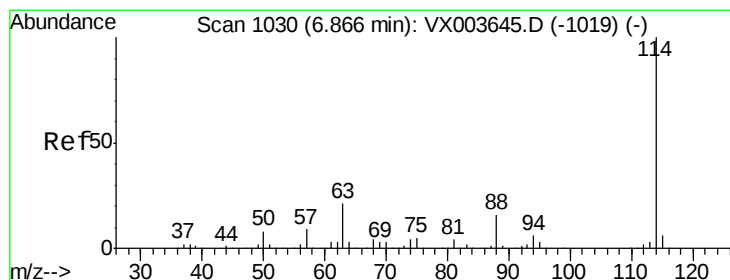
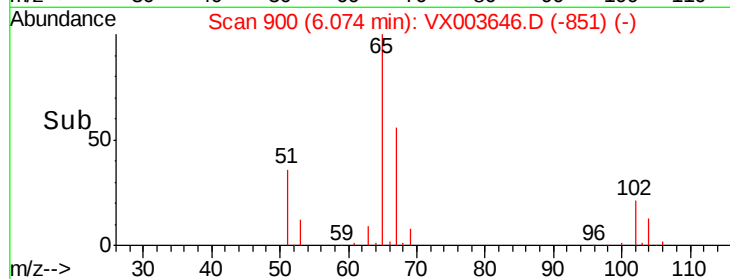
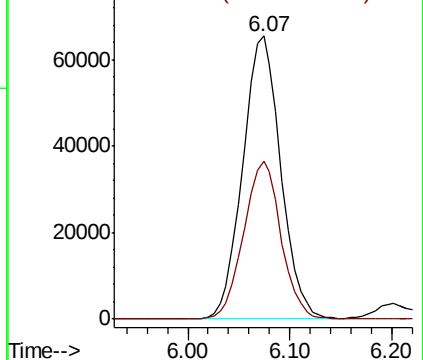
65 100

67 54.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

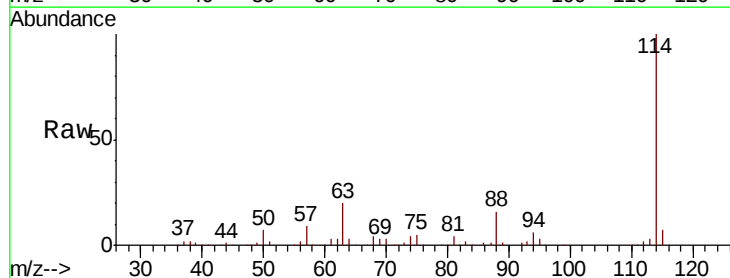
Tgt Ion: 114 Resp: 178501

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

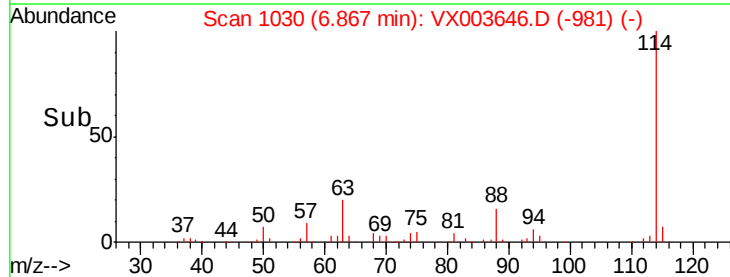
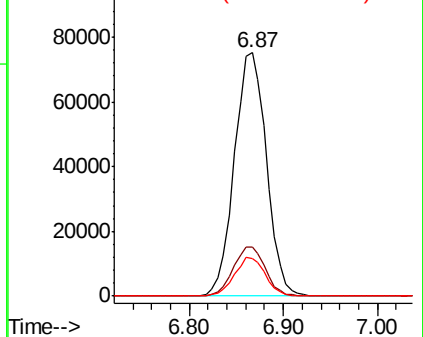
88 15.6 0.0 31.8

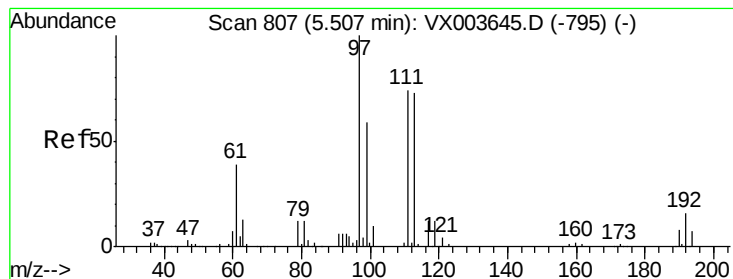


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 95.700 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

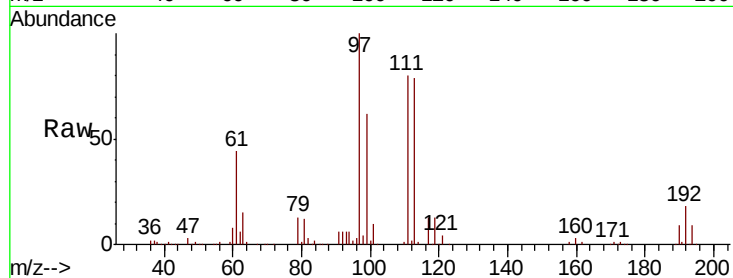
Tgt Ion:113 Resp: 139647

Ion Ratio Lower Upper

113 100

111 103.8 81.2 121.8

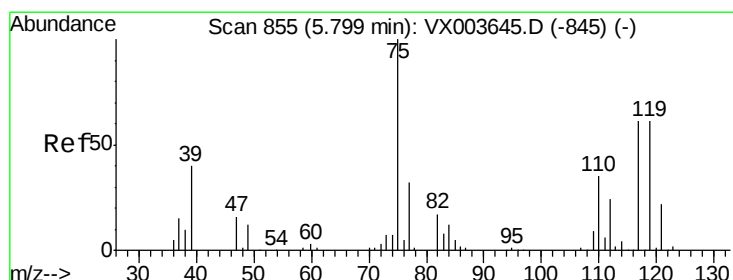
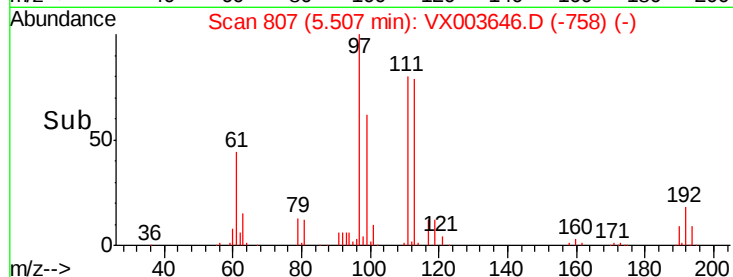
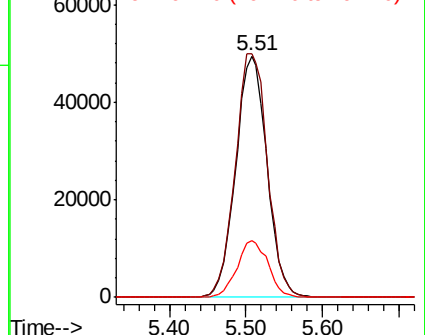
192 23.4 18.2 27.4



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: 96.877 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

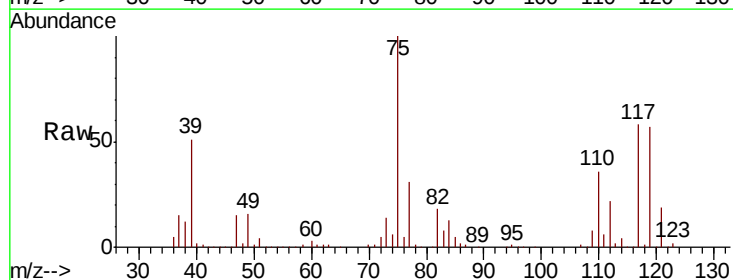
Tgt Ion: 75 Resp: 202129

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

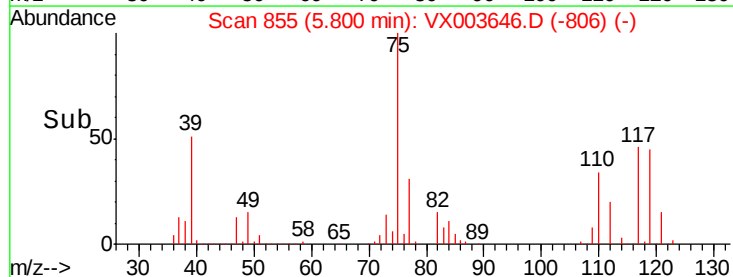
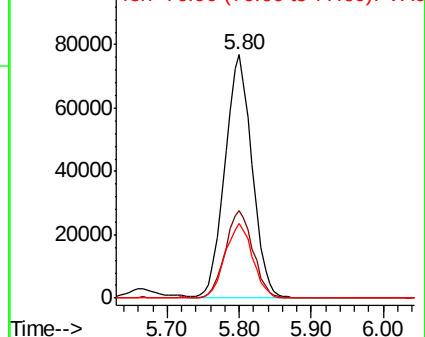
77 31.1 25.1 37.7

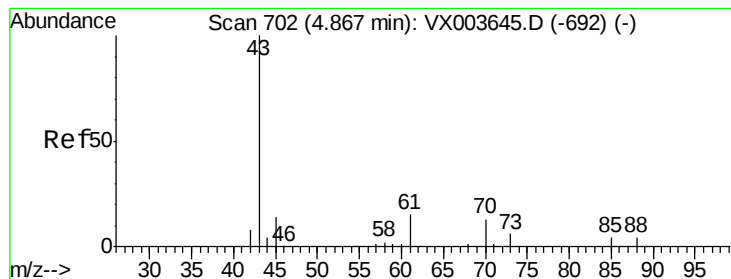


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 94.881 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

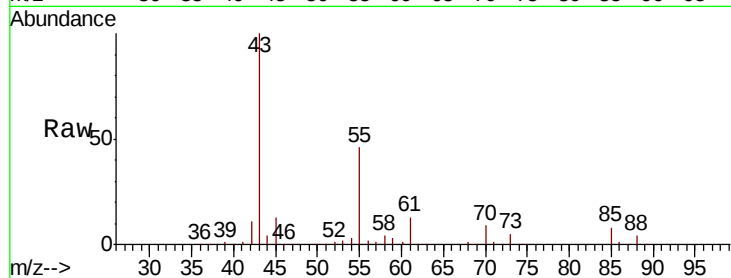
Tgt Ion: 43 Resp: 238042

Ion Ratio Lower Upper

43 100

61 14.4 11.9 17.9

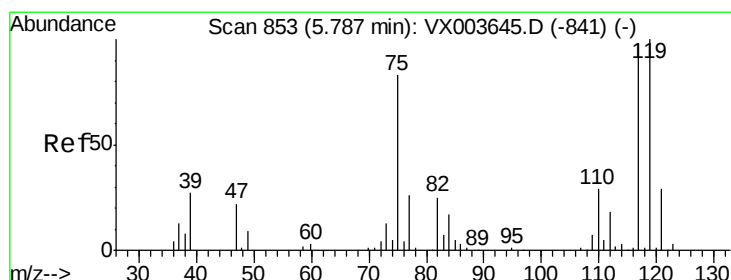
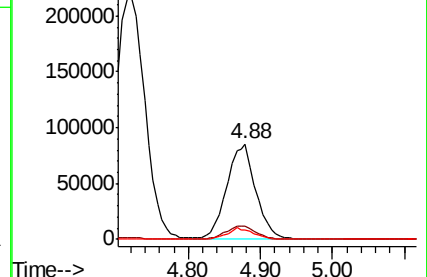
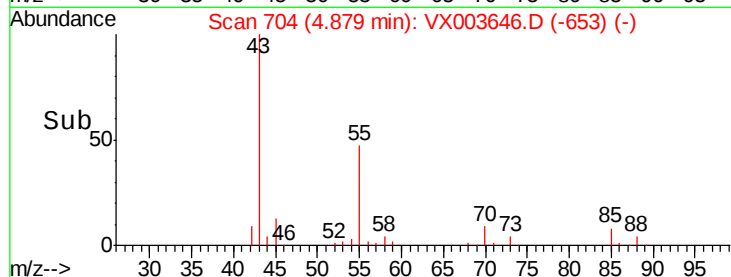
70 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX003646.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX003646.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX003646.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 99.701 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

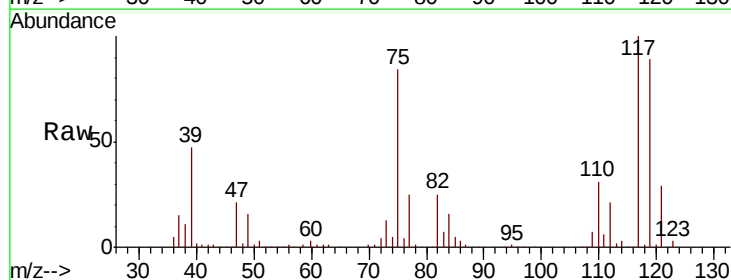
Tgt Ion: 117 Resp: 200501

Ion Ratio Lower Upper

117 100

119 89.4 81.0 121.4

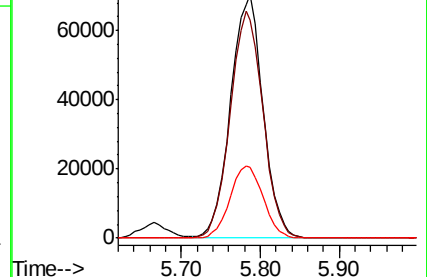
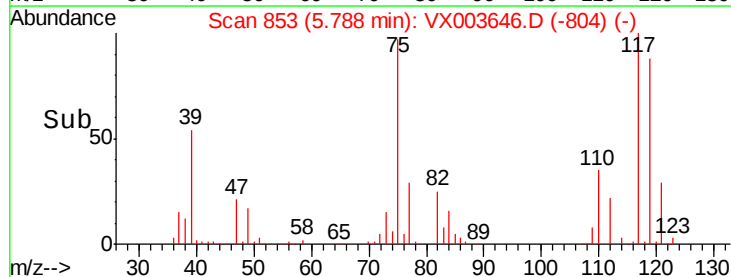
121 29.2 23.7 35.5

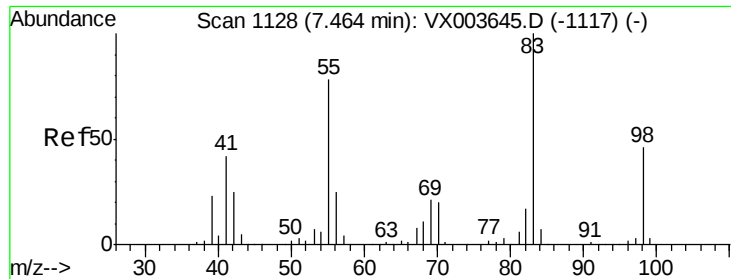


Abundance Ion 116.80 (116.50 to 117.50): VX003646.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX003646.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX003646.D (-804) (-)

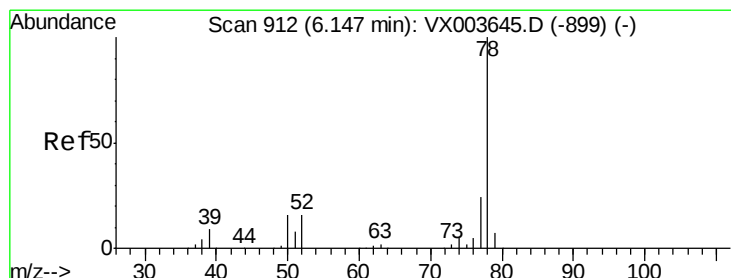
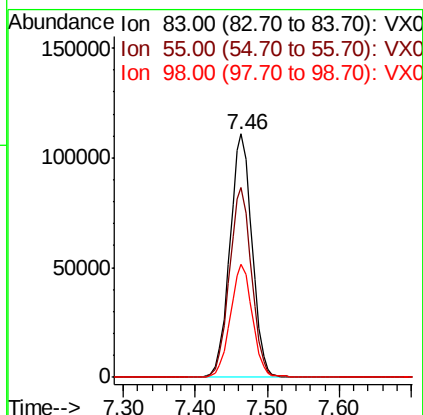
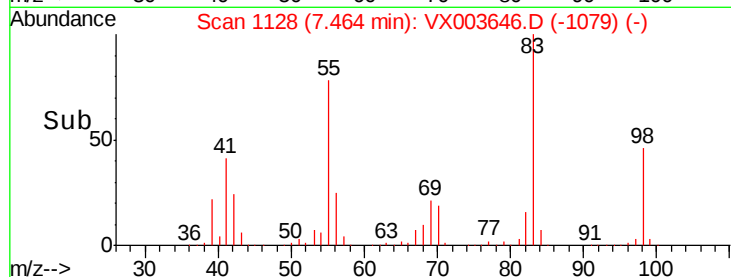
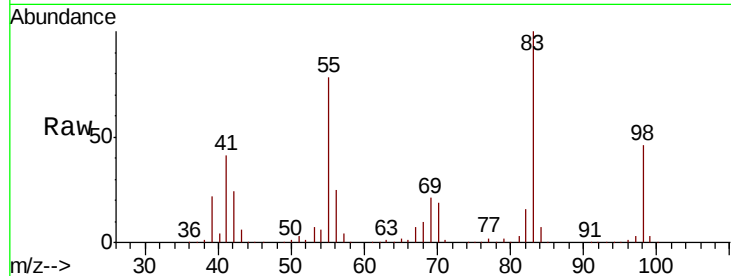




#39
Methylcyclohexane
Concen: 103.329 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

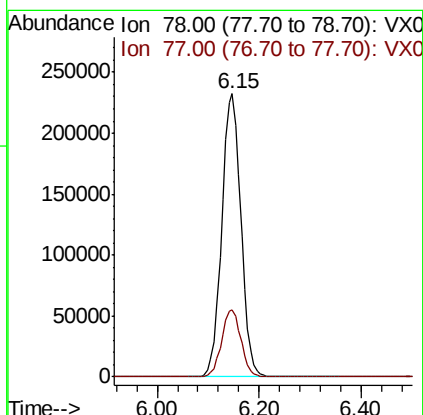
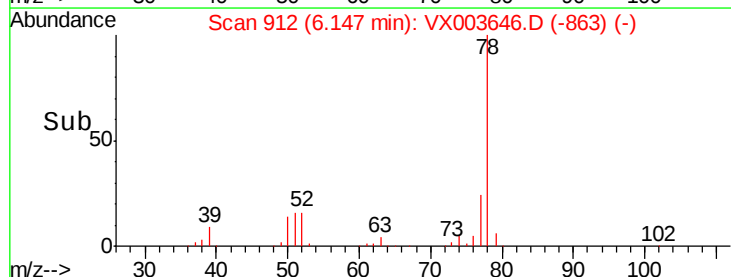
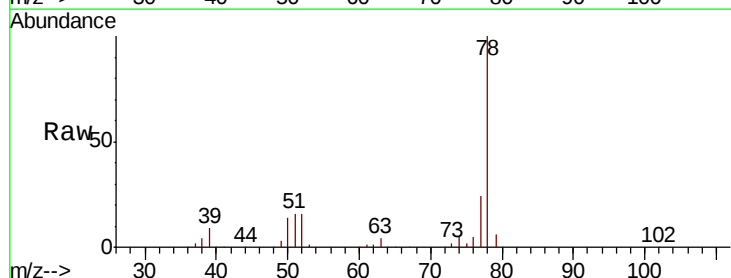
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

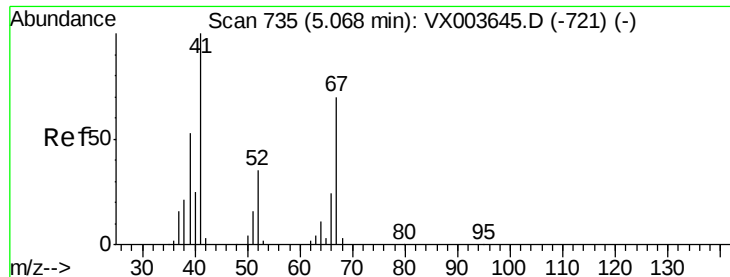
Tgt Ion: 83 Resp: 237312
Ion Ratio Lower Upper
83 100
55 77.9 62.6 93.8
98 46.2 36.6 55.0



#40
Benzene
Concen: 97.555 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 78 Resp: 602350
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41

Methacrylonitrile

Concen: 94.054 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 130667

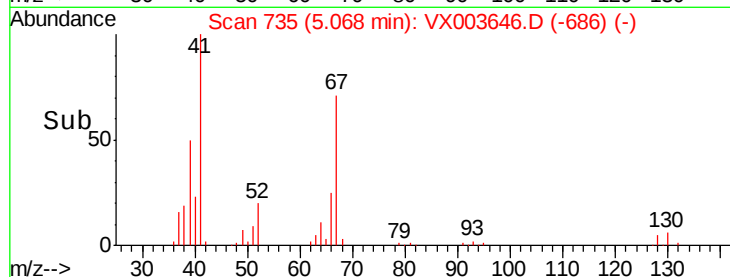
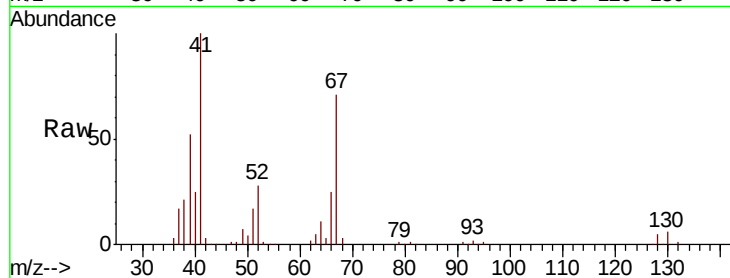
Ion Ratio Lower Upper

41 100

39 53.7 42.2 63.4

67 72.0 56.6 84.8

52 29.4 24.0 36.0

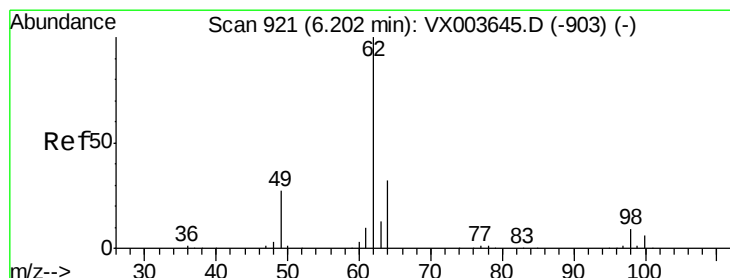
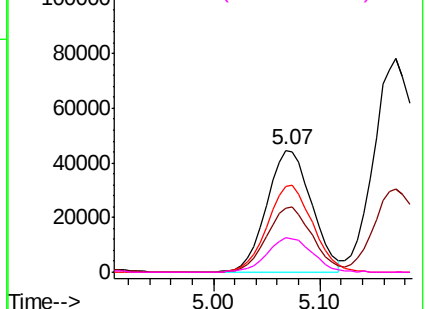


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 97.042 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003646.D

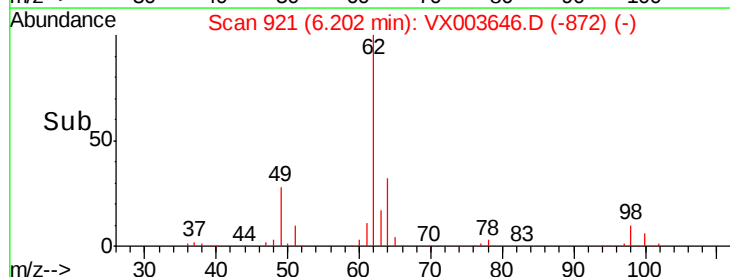
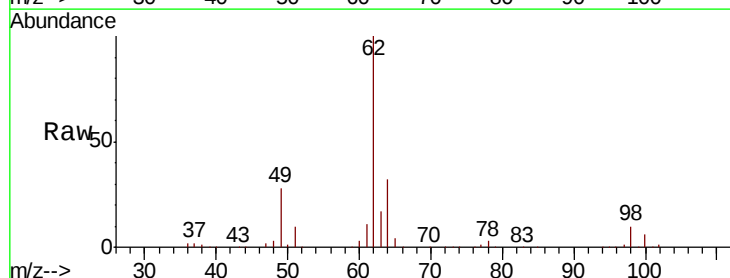
Acq: 24 Jul 2018 18:02

Tgt Ion: 62 Resp: 210894

Ion Ratio Lower Upper

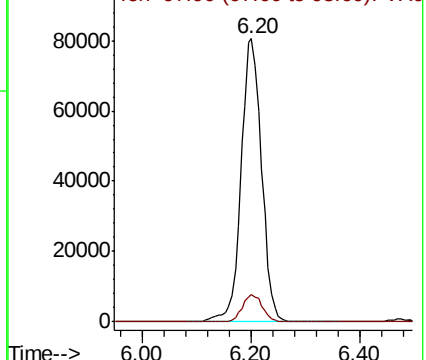
62 100

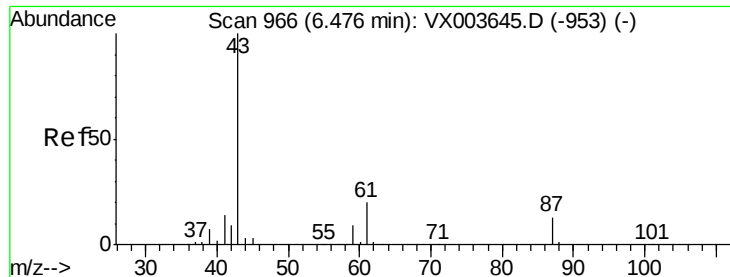
98 9.5 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 99.660 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

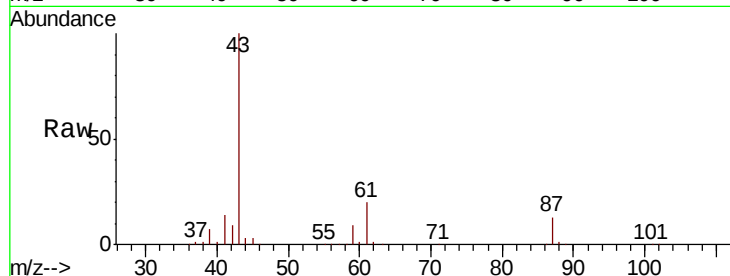
Tgt Ion: 43 Resp: 364756

Ion Ratio Lower Upper

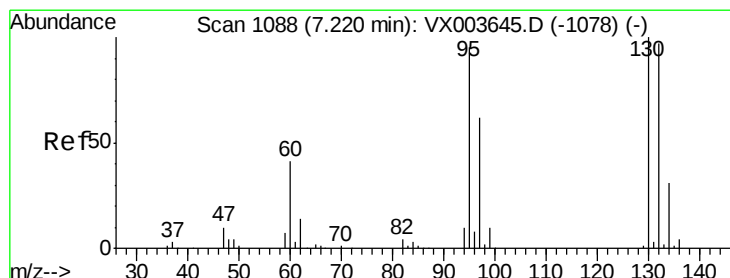
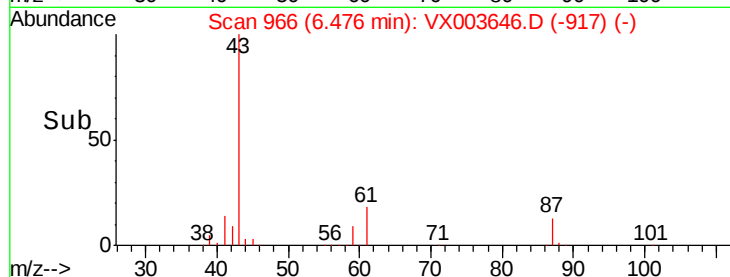
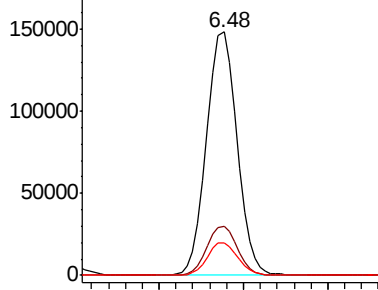
43 100

61 20.2 15.9 23.9

87 13.3 10.1 15.1



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



#44

Trichloroethene

Concen: 95.113 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003646.D

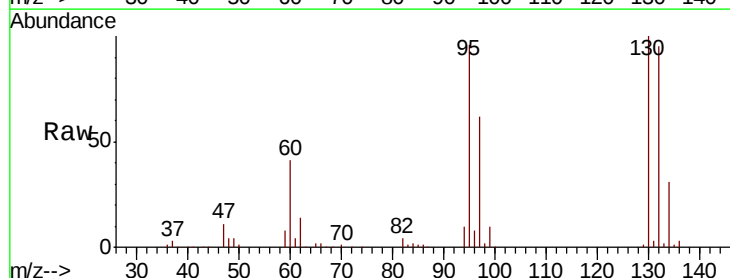
Acq: 24 Jul 2018 18:02

Tgt Ion: 130 Resp: 157456

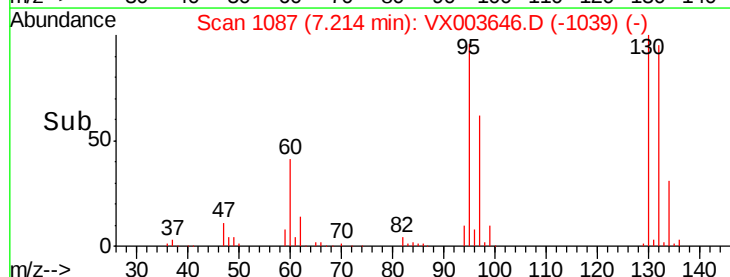
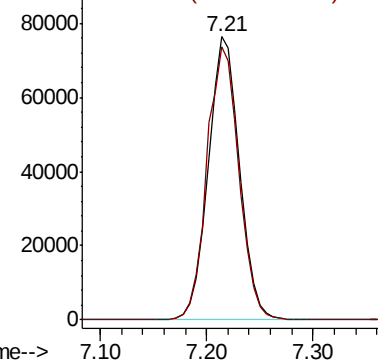
Ion Ratio Lower Upper

130 100

95 96.4 0.0 190.0



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

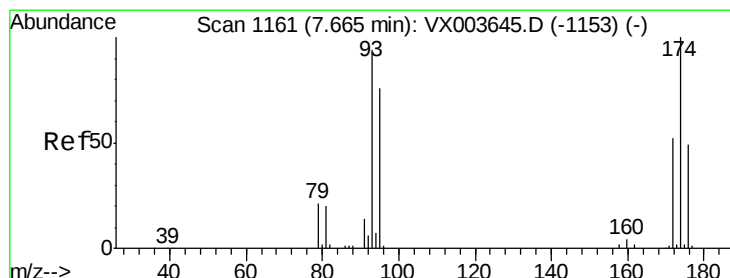
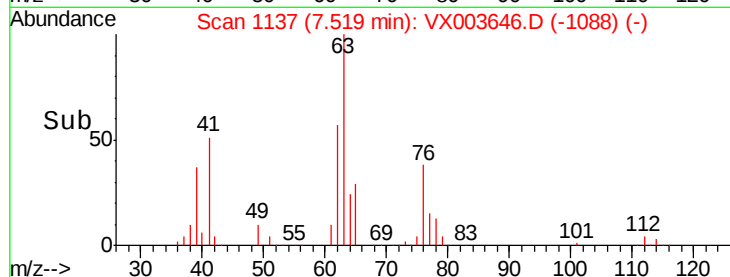
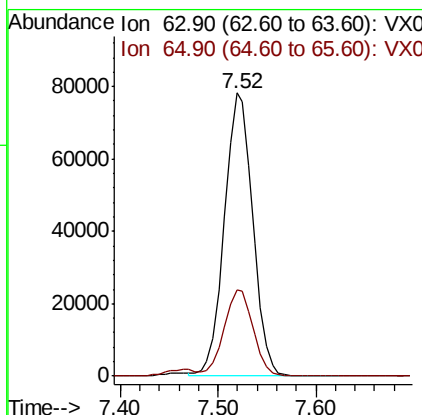
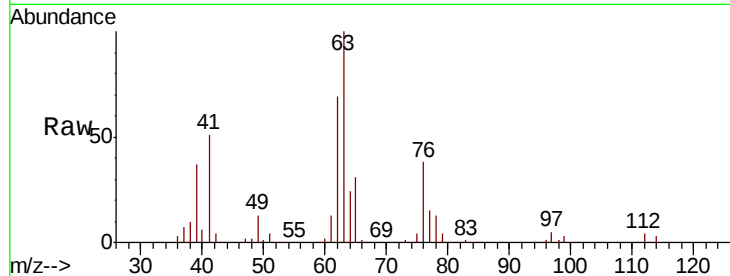




#45
 1,2-Dichloropropane
 Concen: 98.625 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

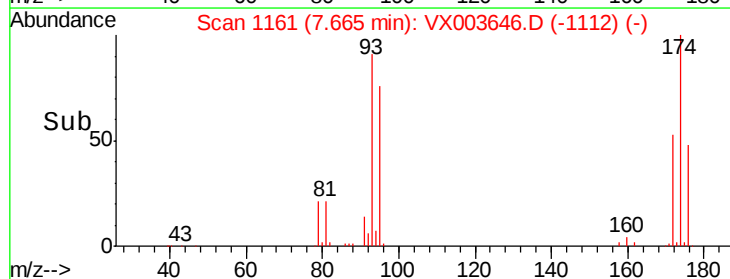
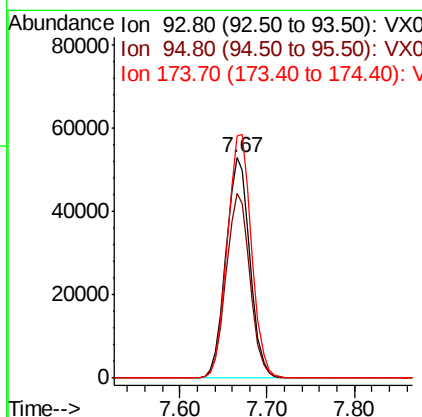
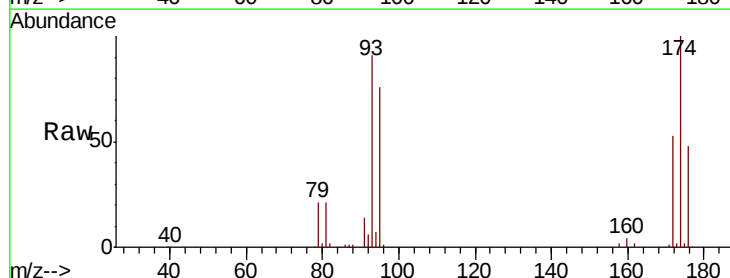
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

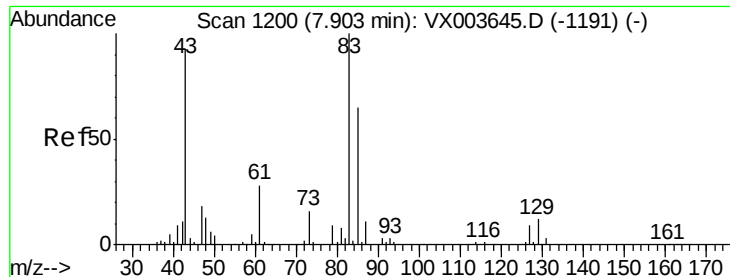
Tgt Ion: 63 Resp: 157411
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.0 36.0



#46
 Dibromomethane
 Concen: 98.504 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion: 93 Resp: 100996
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 112.2 89.6 134.4





#47

Bromodichloromethane

Concen: 102.197 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

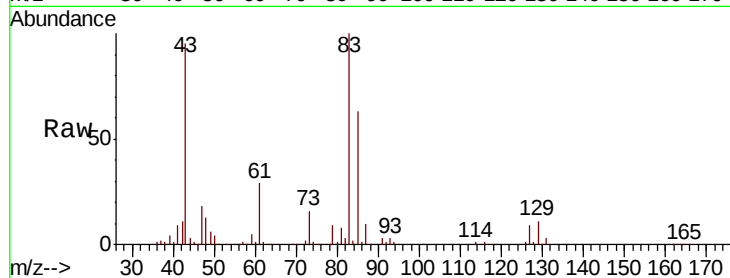
Tgt Ion: 83 Resp: 196460

Ion Ratio Lower Upper

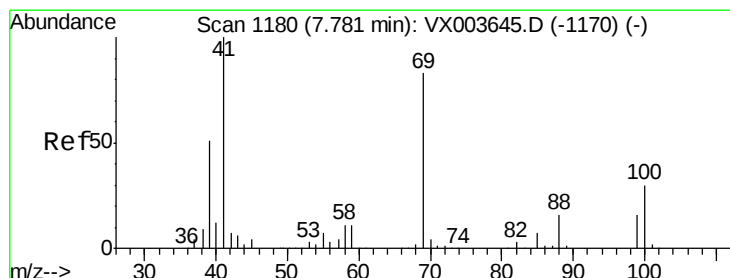
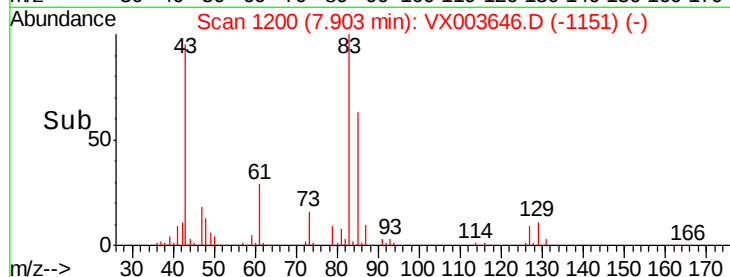
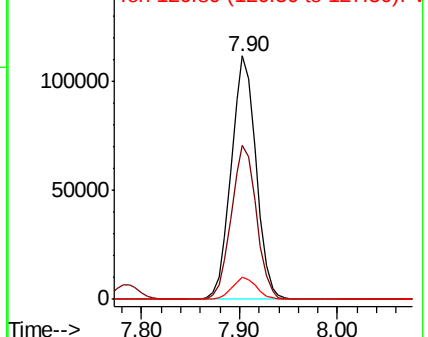
83 100

85 63.4 51.8 77.6

127 8.9 7.0 10.6



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: 103.363 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

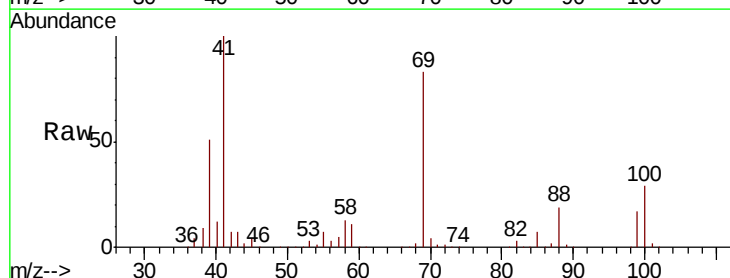
Tgt Ion: 41 Resp: 191974

Ion Ratio Lower Upper

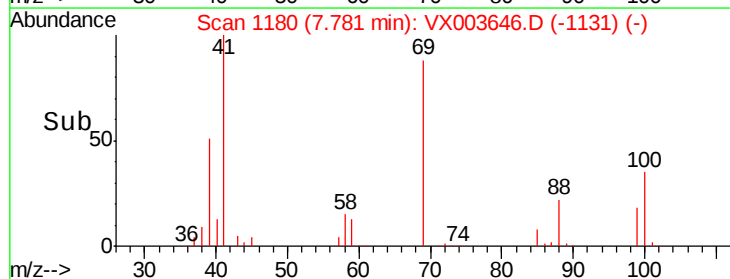
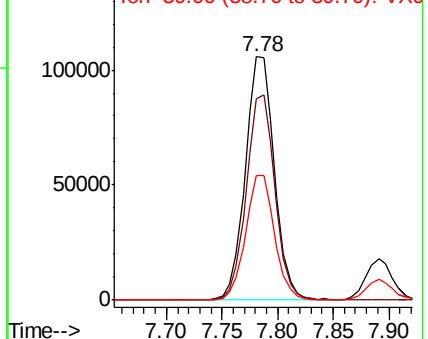
41 100

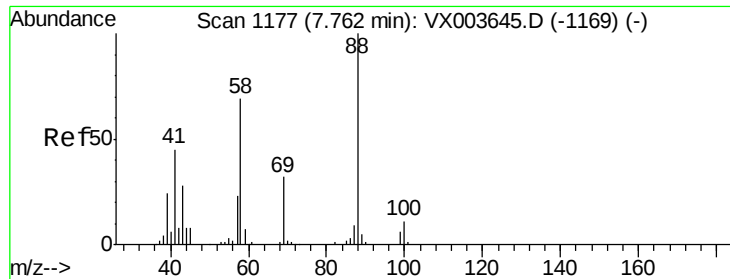
69 83.3 66.9 100.3

39 51.2 41.2 61.8



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

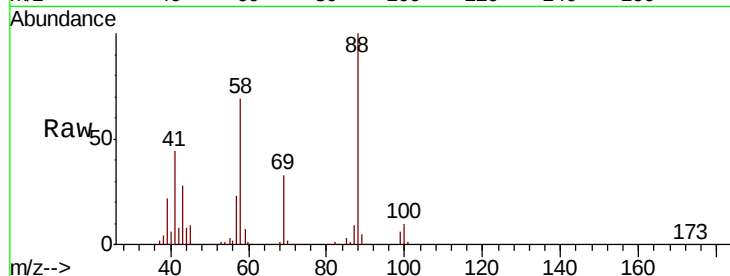




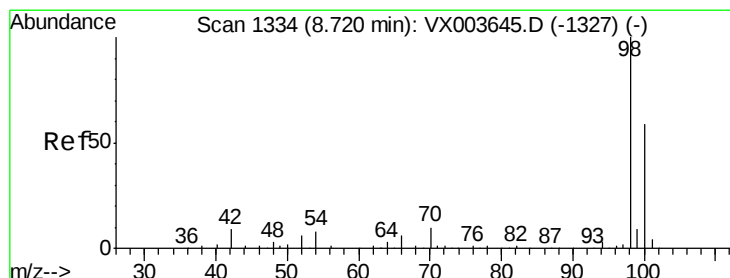
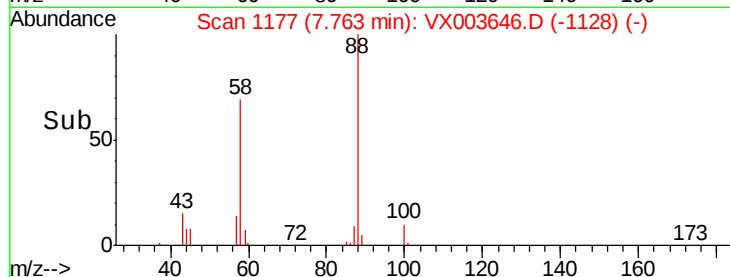
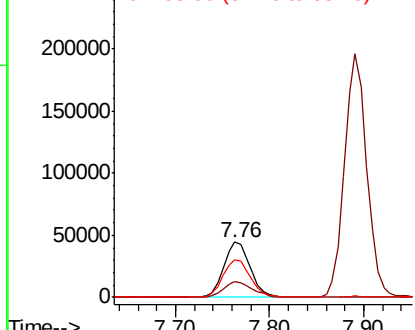
#49
1,4-Dioxane
Concen: 2083.035 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 86313
Ion Ratio Lower Upper
88 100
43 31.9 25.8 38.6
58 71.1 58.3 87.5

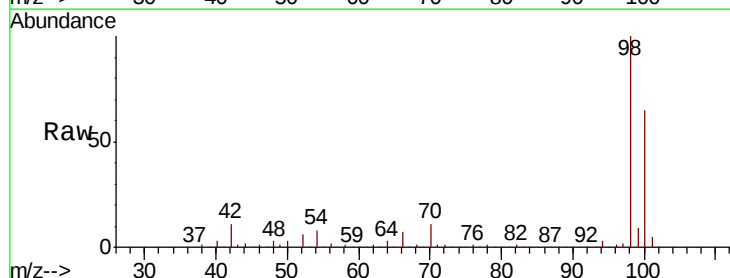


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

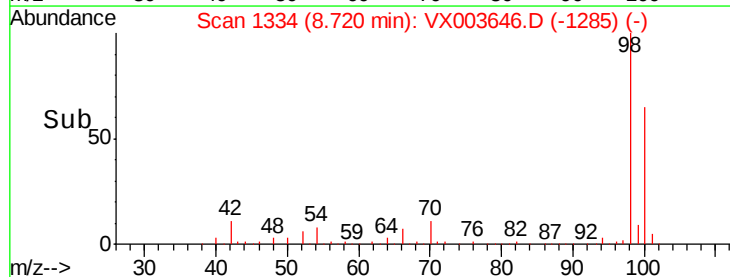
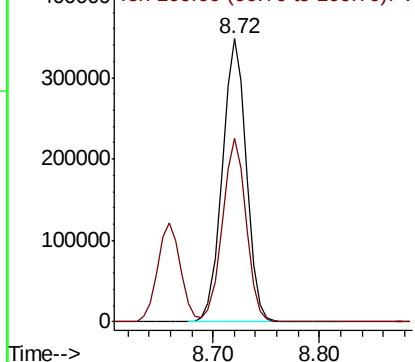


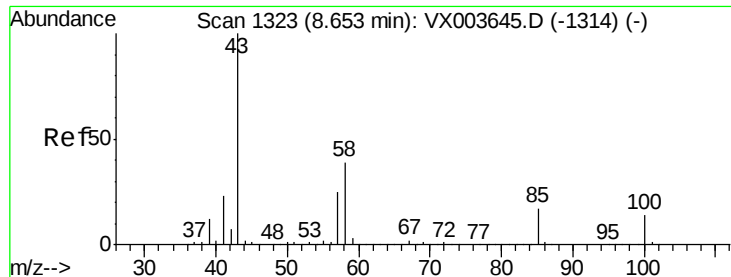
#50
Toluene-d8
Concen: 98.083 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 98 Resp: 546219
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



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

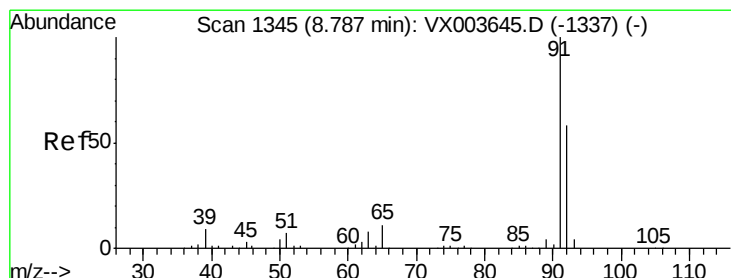
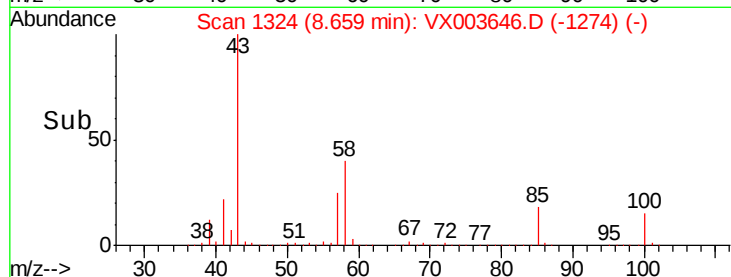
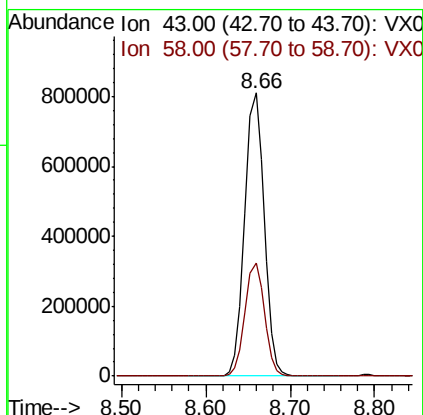
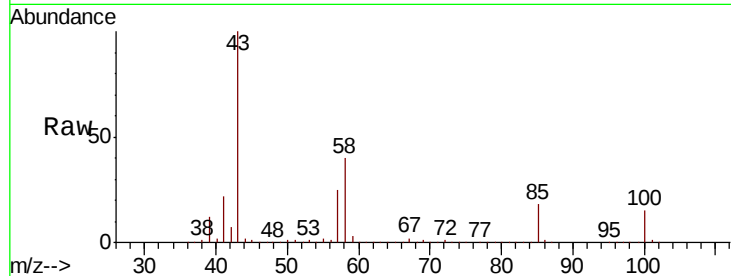




#51
4-Methyl-2-Pentanone
Concen: 508.678 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

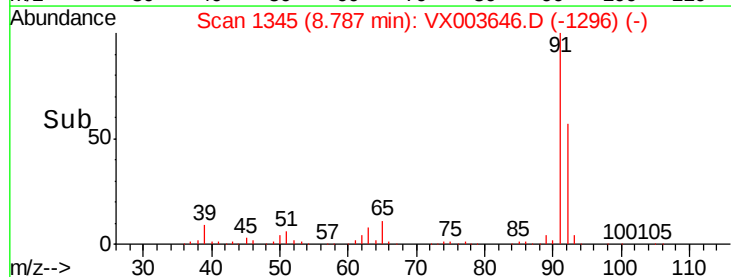
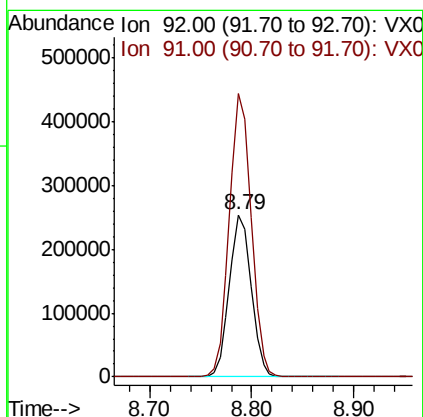
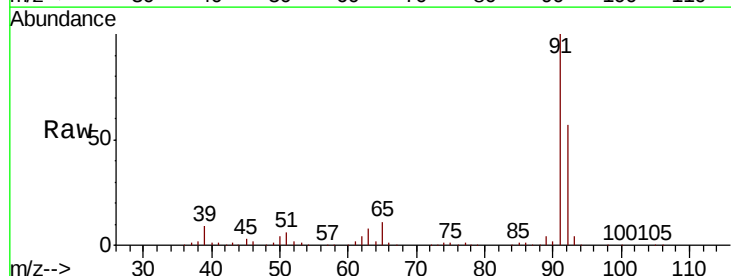
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

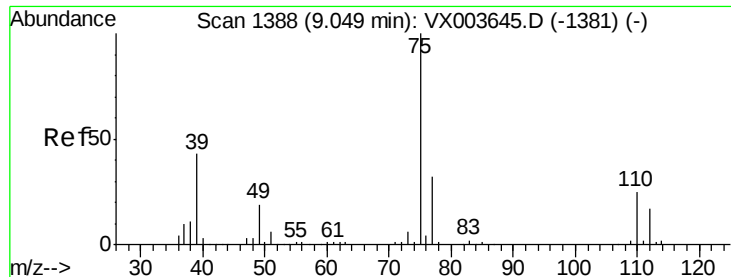
Tgt Ion: 43 Resp: 1256186
Ion Ratio Lower Upper
43 100
58 39.7 31.5 47.3



#52
Toluene
Concen: 98.422 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 92 Resp: 377742
Ion Ratio Lower Upper
92 100
91 174.5 139.0 208.6

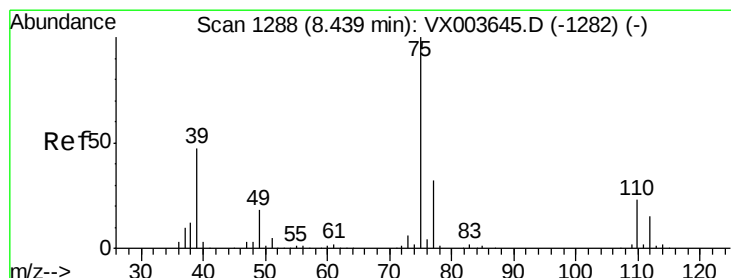
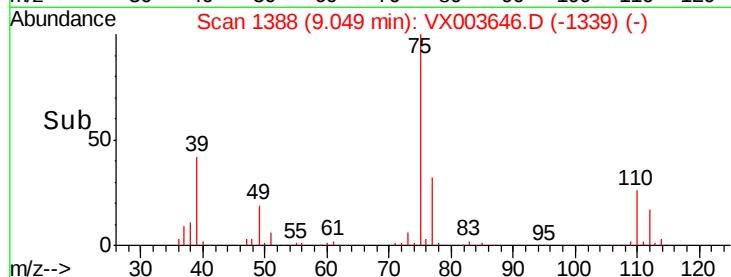
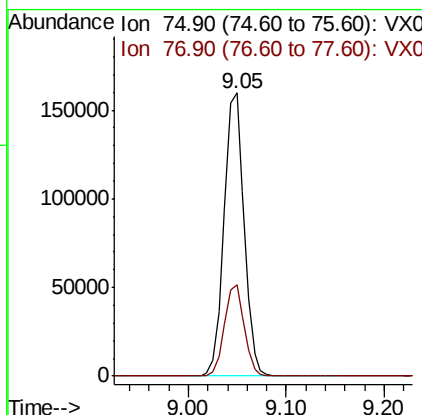
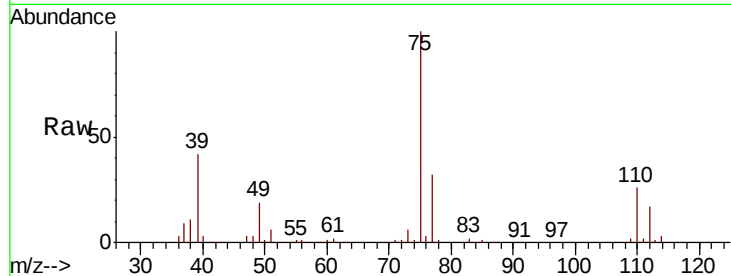




#53
 t-1,3-Dichloropropene
 Concen: 98.389 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

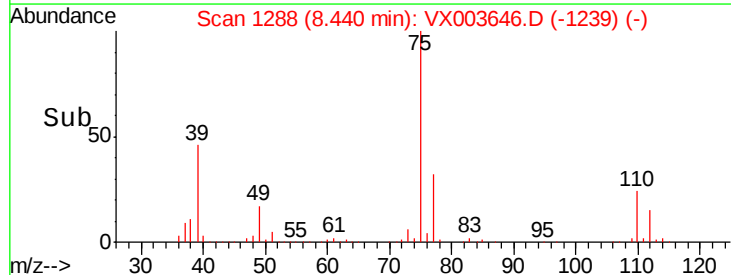
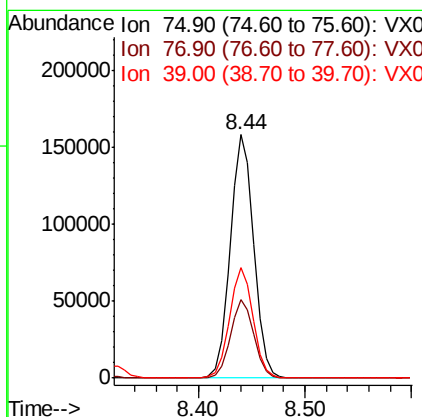
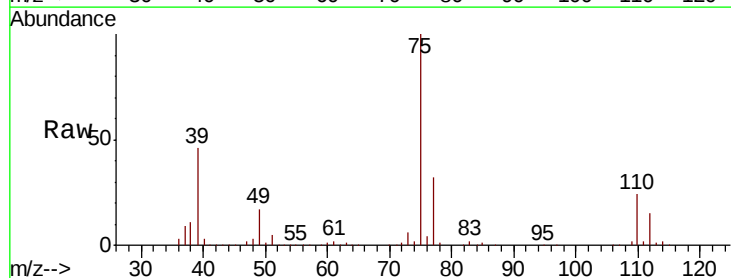
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

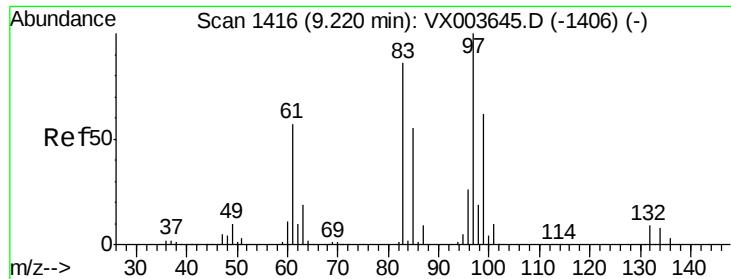
Tgt Ion: 75 Resp: 227025
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 113.041 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion: 75 Resp: 244434
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 45.6 38.0 57.0

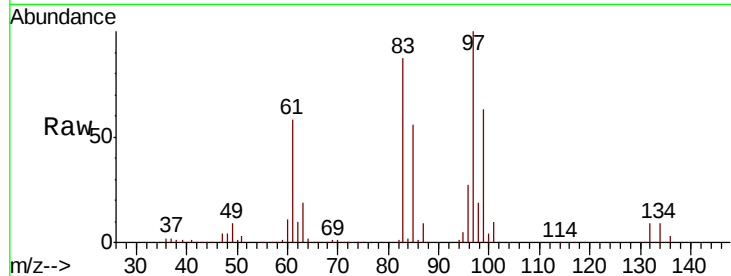




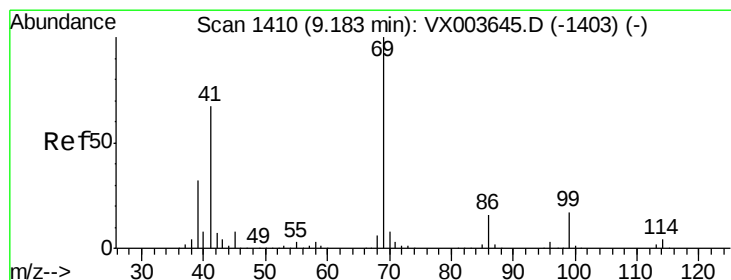
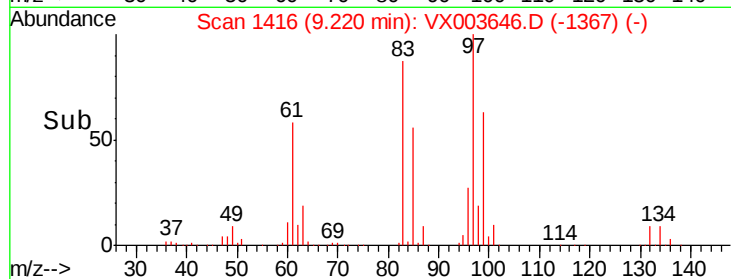
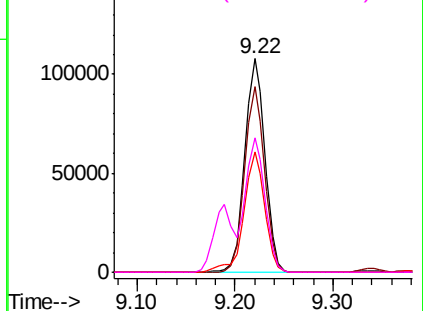
#55
 1,1,2-Trichloroethane
 Concen: 98.383 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	154345
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	56.3	43.7	65.5
99	63.1	49.6	74.4

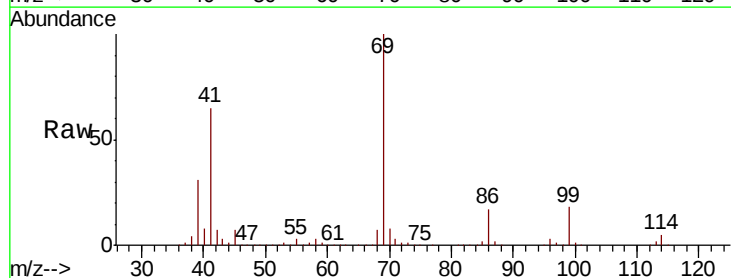


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

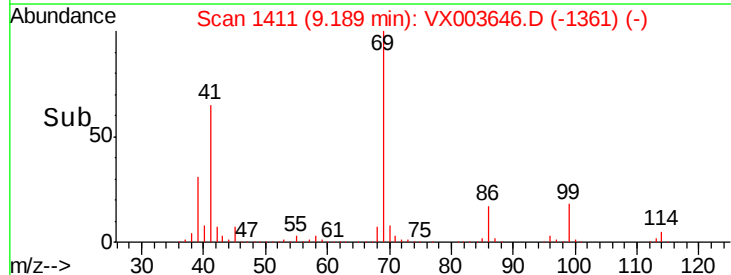
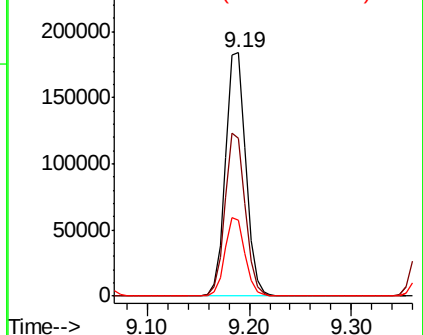


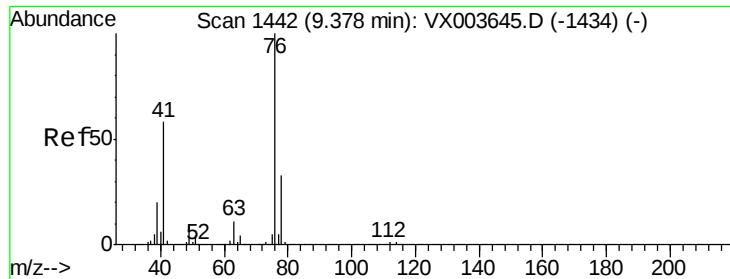
#56
 Ethyl methacrylate
 Concen: 108.706 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion:	69	Resp:	253787
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.8	80.6
39	32.0	25.8	38.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 98.750 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

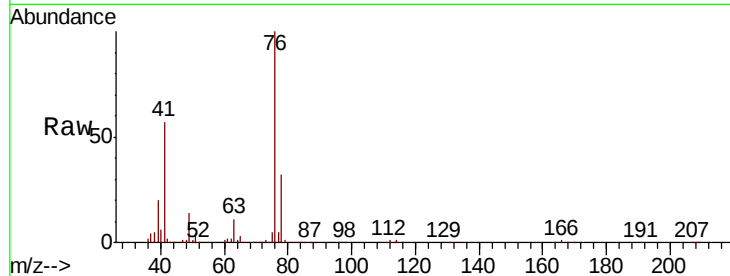
VSTDIC100

Tgt Ion: 76 Resp: 260133

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

150000

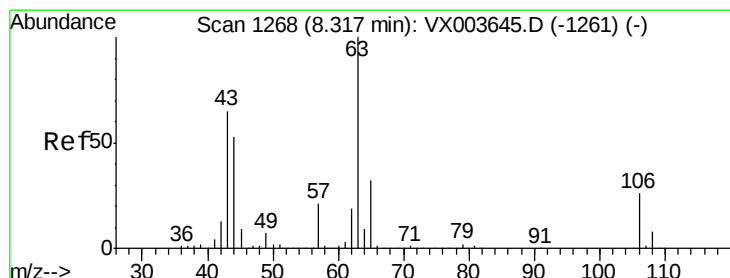
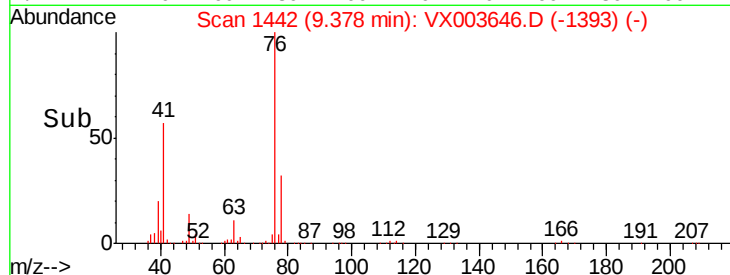
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 530.380 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX003646.D

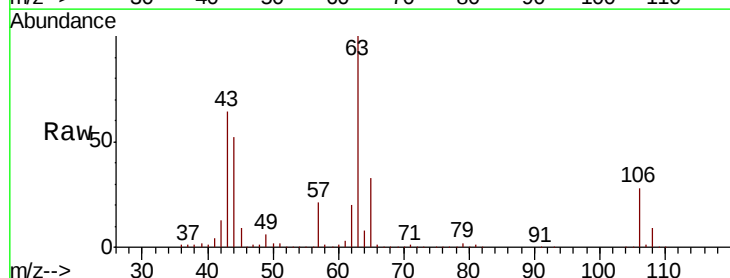
Acq: 24 Jul 2018 18:02

Tgt Ion: 63 Resp: 622229

Ion Ratio Lower Upper

63 100

106 27.3 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

300000

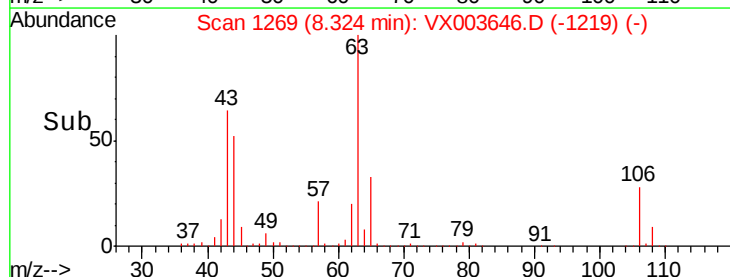
200000

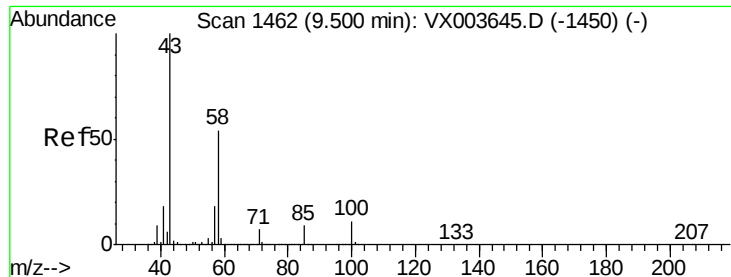
100000

0

8.25 8.30 8.35 8.40 8.45

Time-->

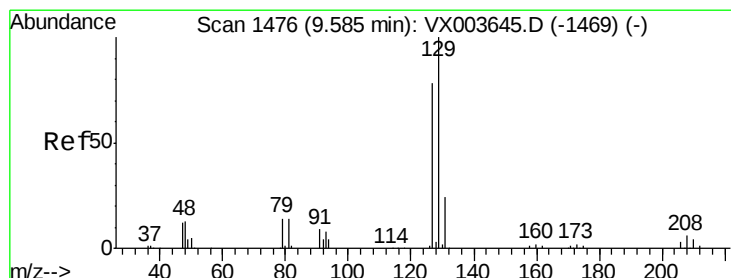
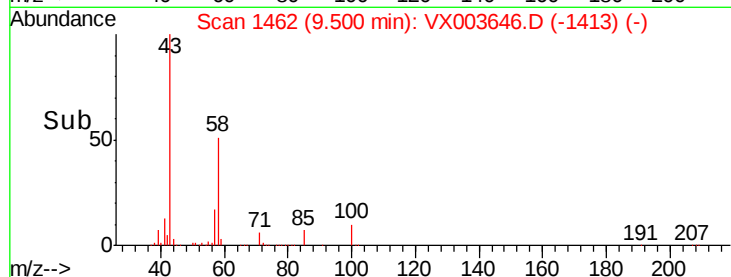
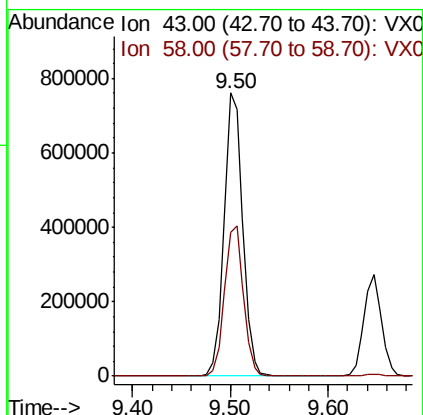
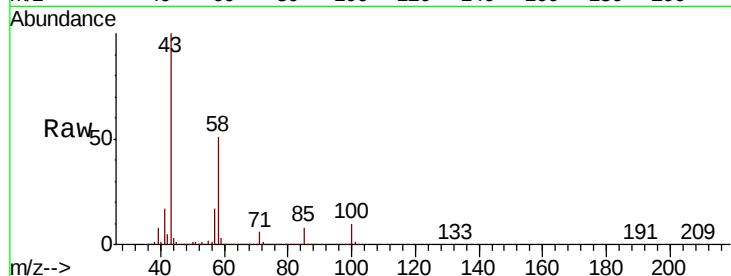




#59
2-Hexanone
Concen: 529.157 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

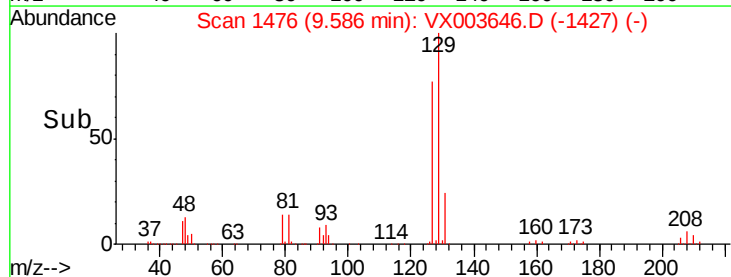
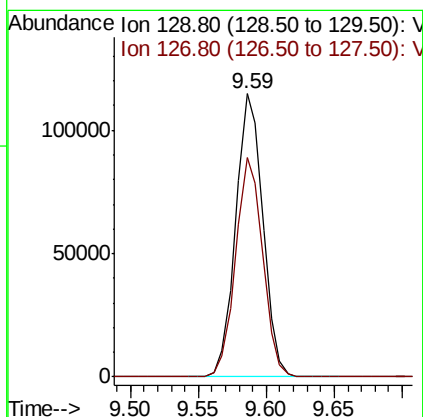
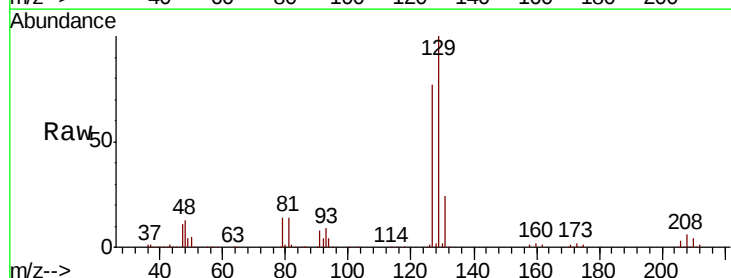
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

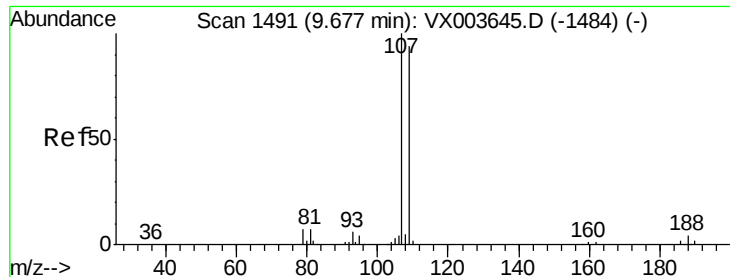
Tgt Ion: 43 Resp: 1002396
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.9



#60
Dibromochloromethane
Concen: 107.448 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion: 129 Resp: 159886
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 99.877 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

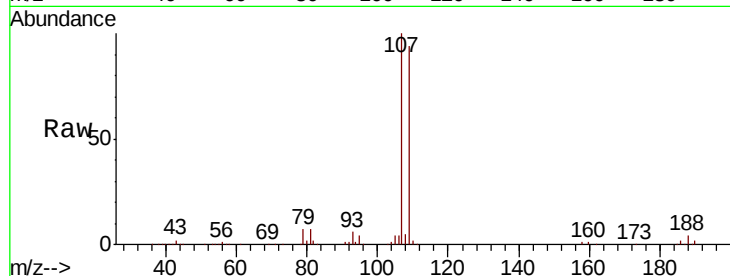
VSTDIC100

Tgt Ion: 107 Resp: 163158

Ion Ratio Lower Upper

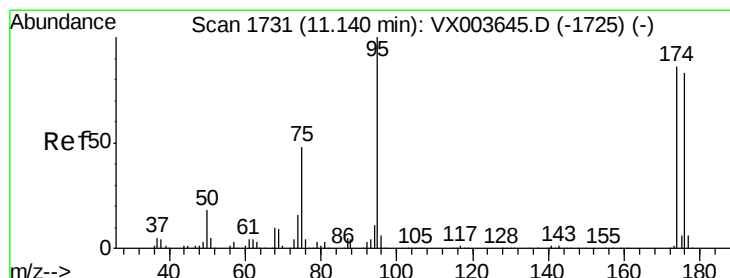
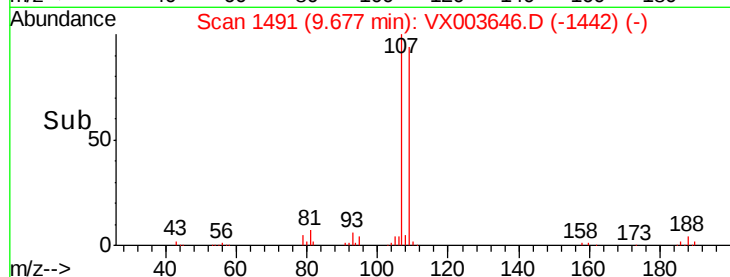
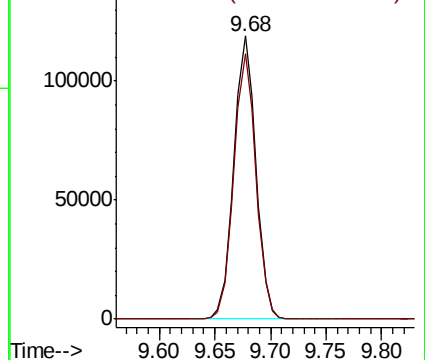
107 100

109 93.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 101.291 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

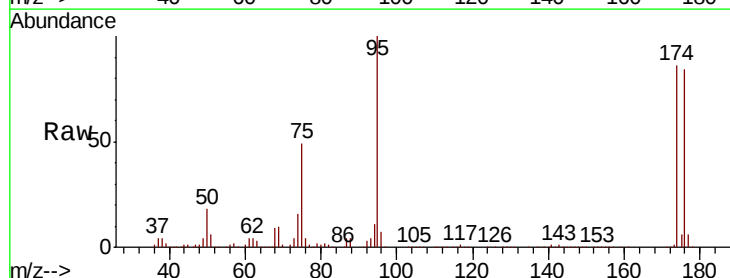
Tgt Ion: 95 Resp: 205742

Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.0

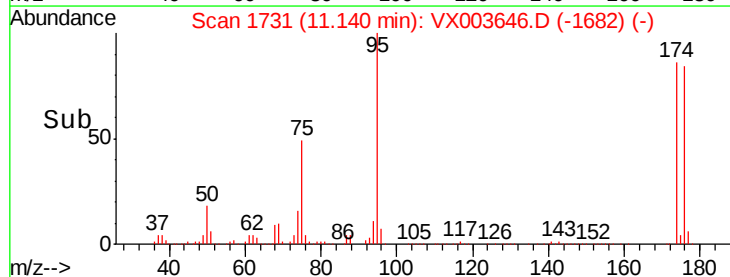
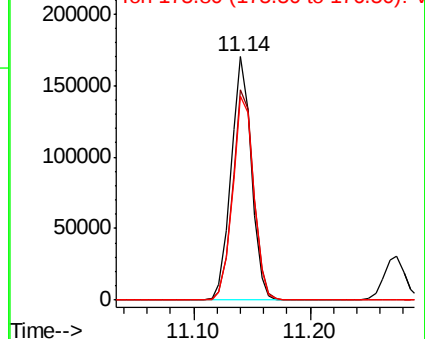
176 87.2 0.0 173.0

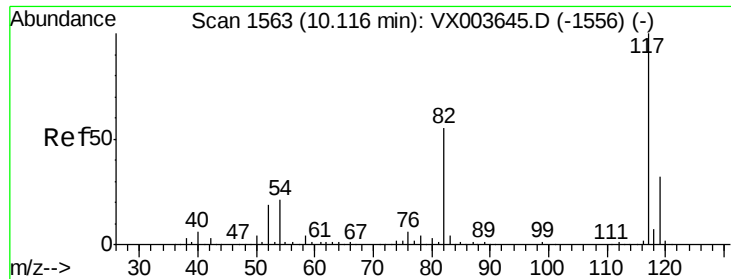


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

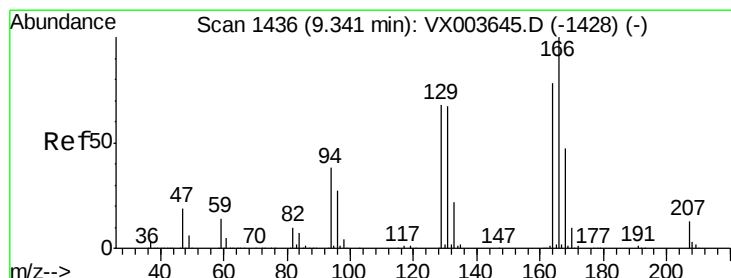
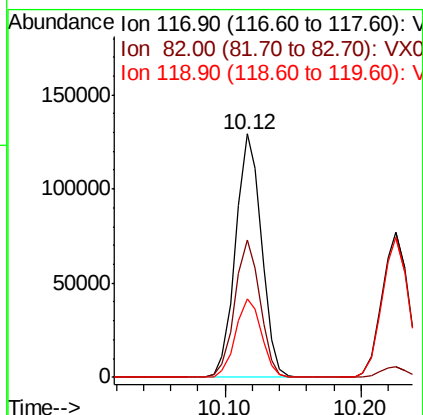
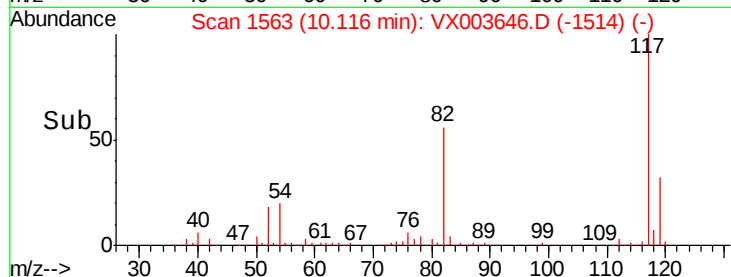
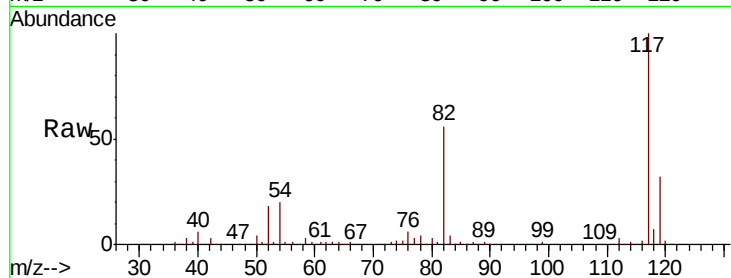




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

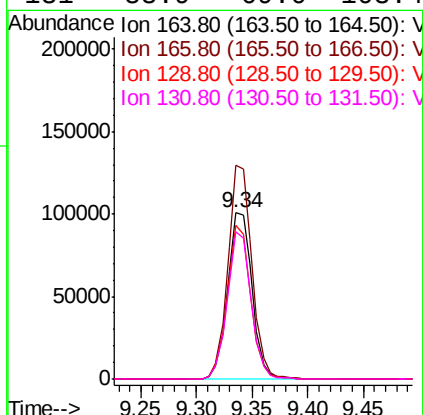
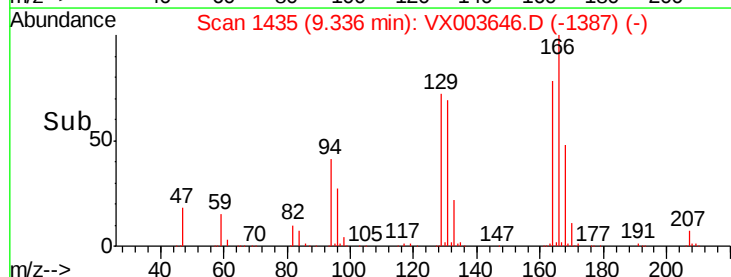
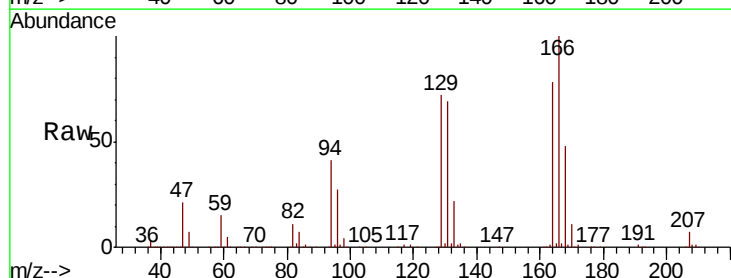
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

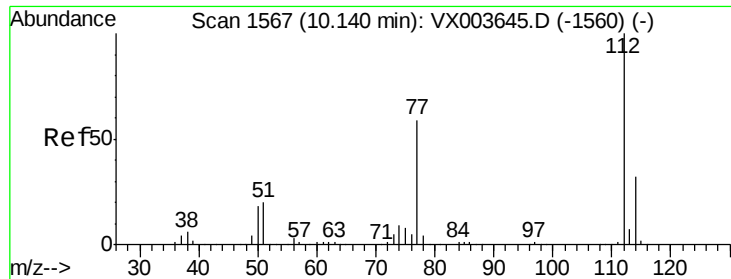
Tgt Ion:117 Resp: 171195
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 97.301 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion:164 Resp: 152291
Ion Ratio Lower Upper
164 100
166 128.6 102.4 153.6
129 92.4 69.6 104.4
131 88.9 69.0 103.4

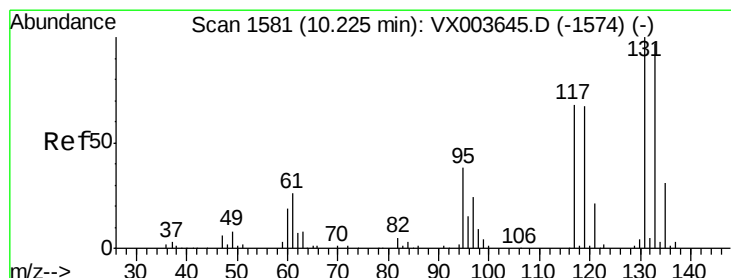
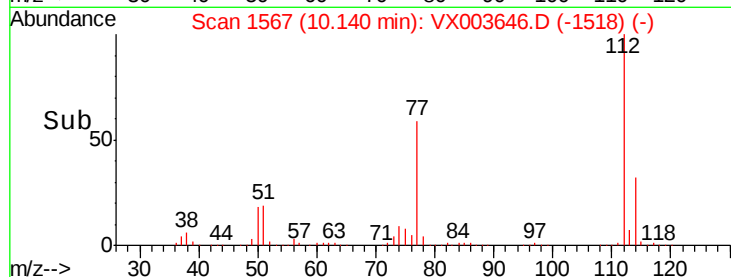
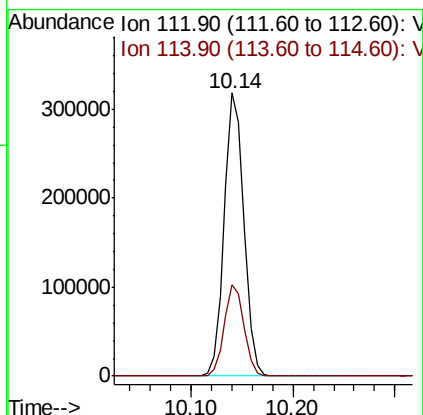
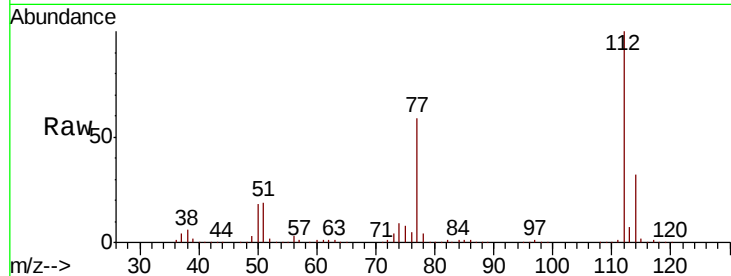




#65
Chlorobenzene
Concen: 98.751 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

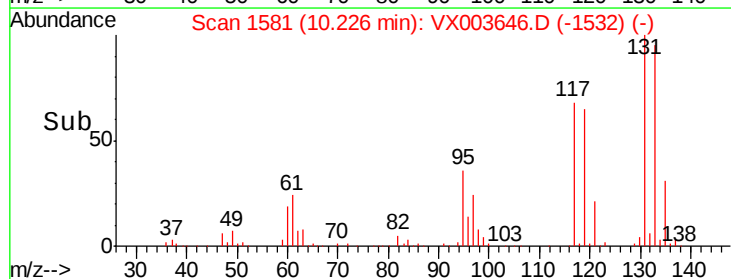
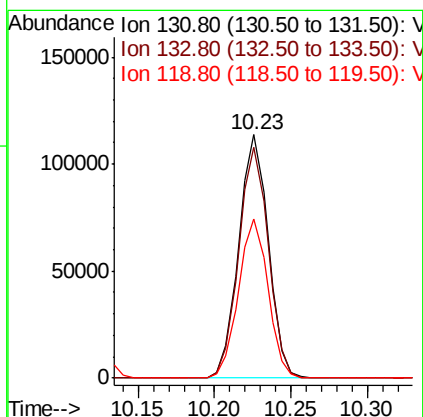
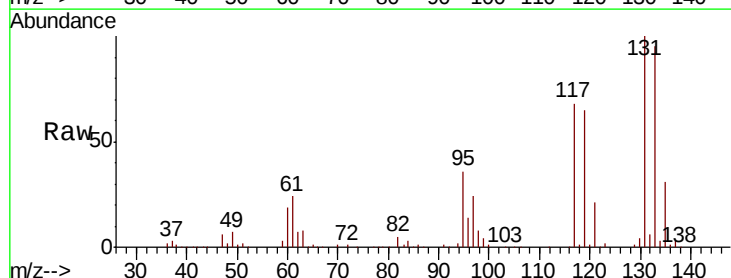
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

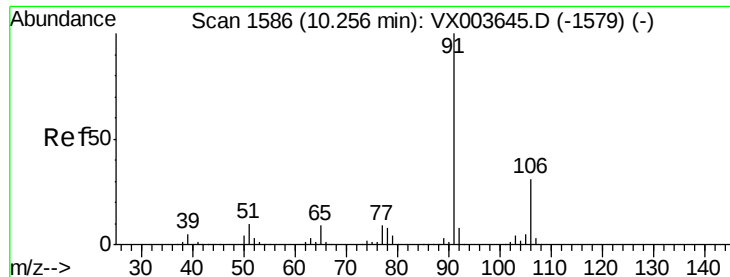
Tgt Ion:112 Resp: 425459
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 101.948 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion:131 Resp: 152701
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.8
119 65.3 32.8 98.4





#67

Ethyl Benzene

Concen: 102.980 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

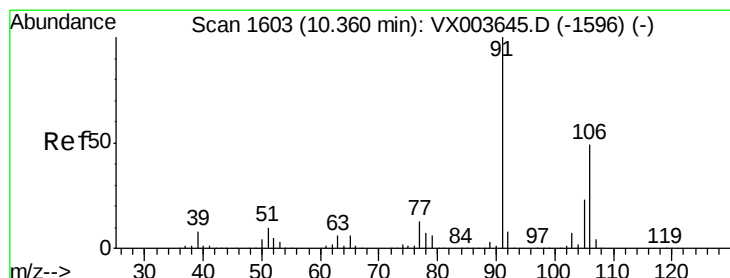
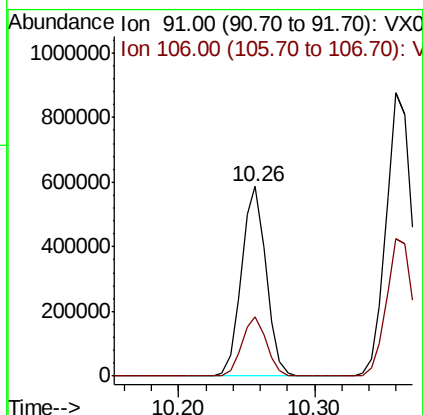
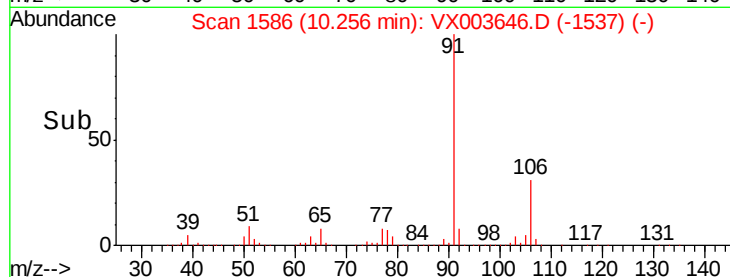
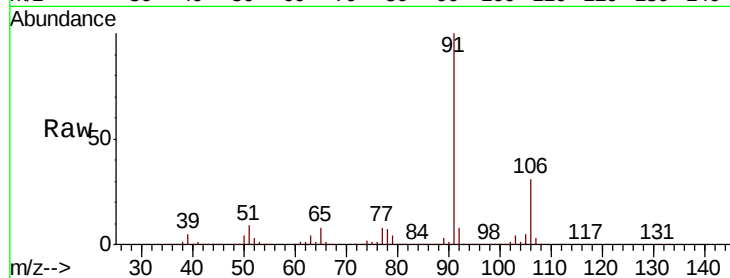
VSTDIC100

Tgt Ion: 91 Resp: 742677

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 207.876 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003646.D

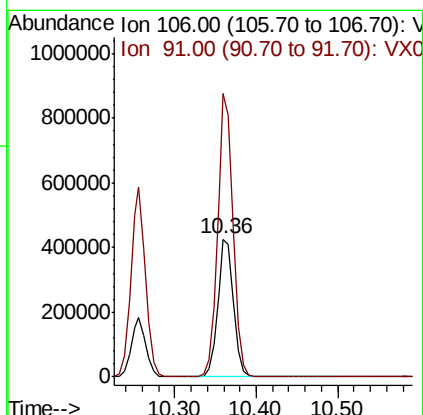
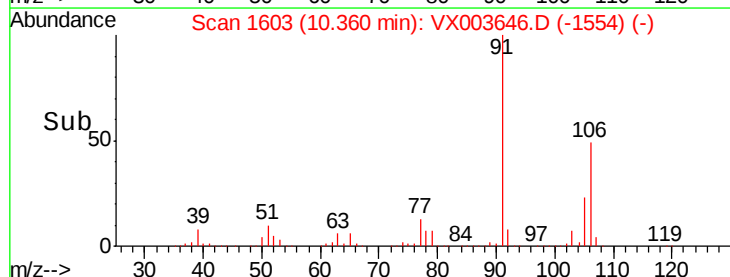
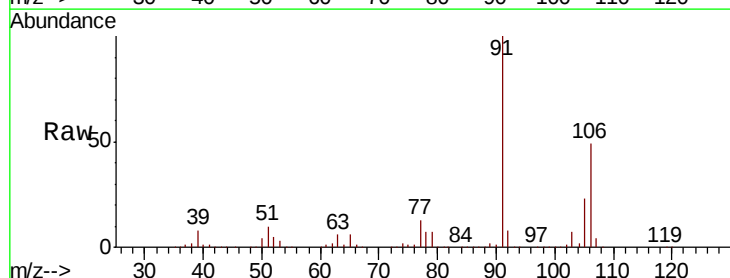
Acq: 24 Jul 2018 18:02

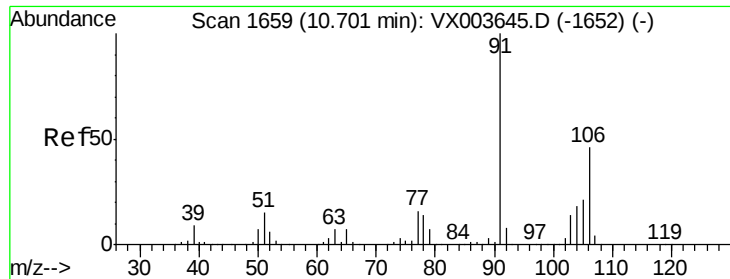
Tgt Ion: 106 Resp: 575126

Ion Ratio Lower Upper

106 100

91 202.7 162.2 243.2

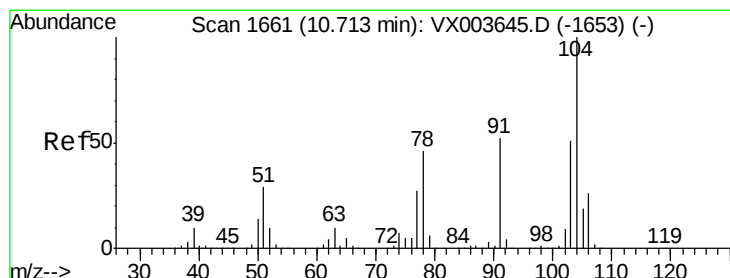
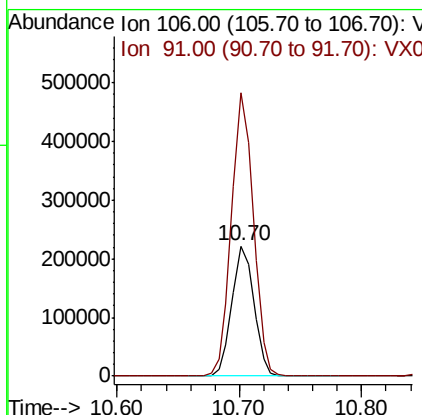
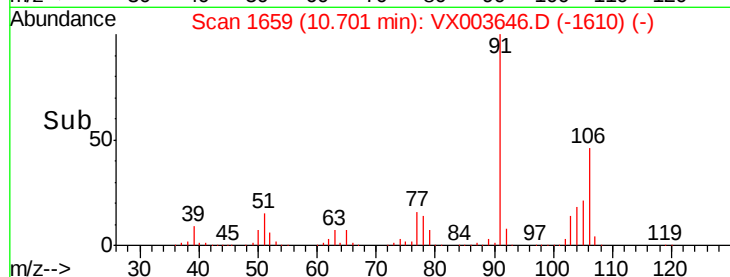
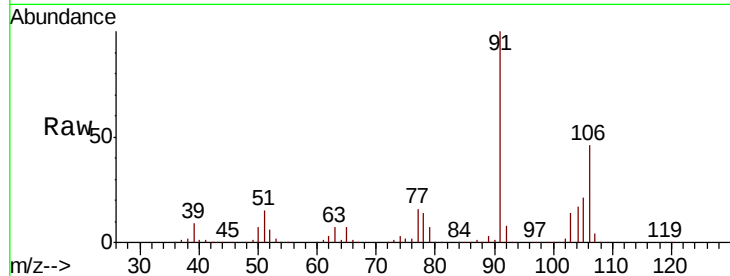




#69
o-Xylene
Concen: 104.261 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

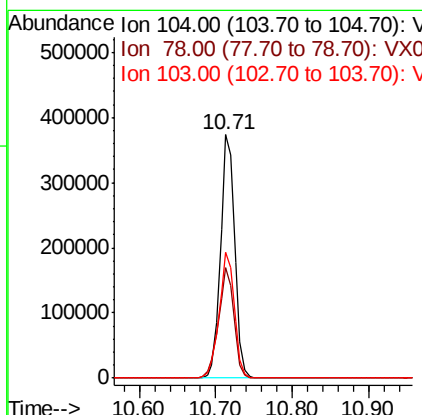
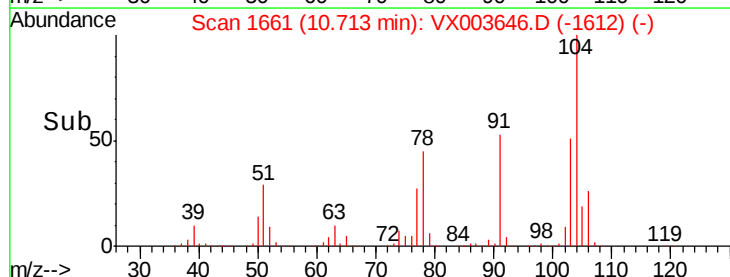
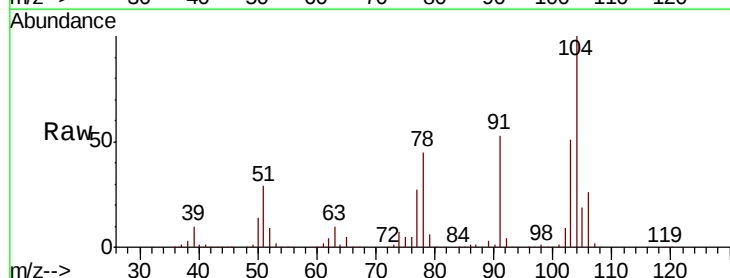
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 277695
Ion Ratio Lower Upper
106 100
91 215.3 107.1 321.1



#70
Styrene
Concen: 106.818 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion:104 Resp: 477916
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.4 44.2 66.4





#71

Bromoform

Concen: 110.454 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

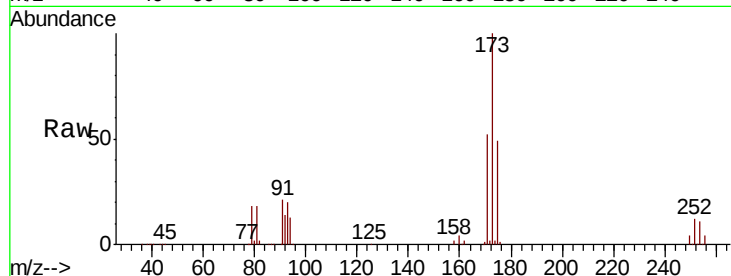
Tgt Ion:173 Resp: 130822

Ion Ratio Lower Upper

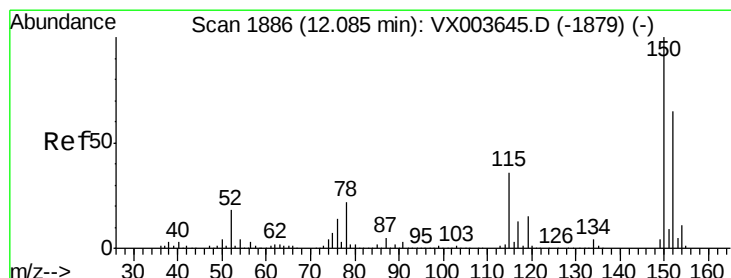
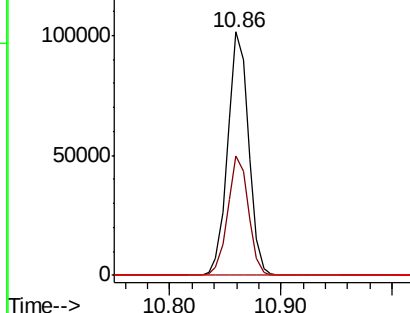
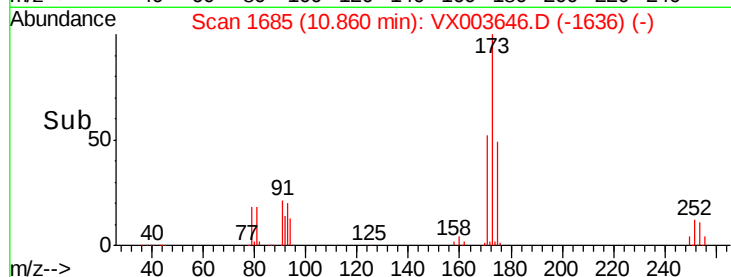
173 100

175 48.7 24.1 72.2

254 0.2 0.0 0.0#



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

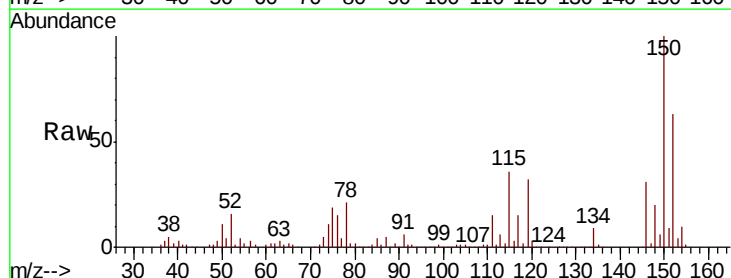
Tgt Ion:152 Resp: 107642

Ion Ratio Lower Upper

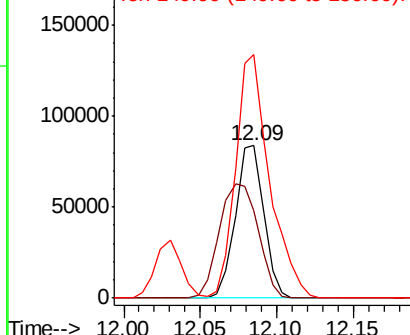
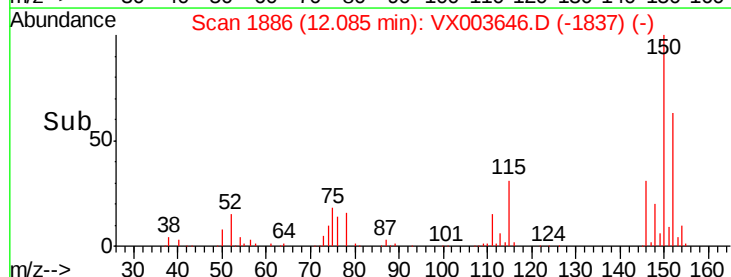
152 100

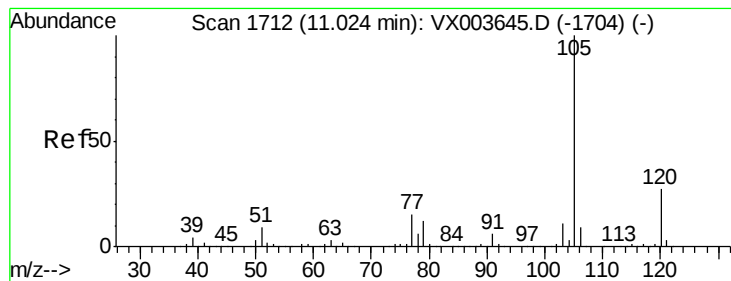
115 102.8 40.0 119.9

150 190.7 0.0 348.4



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: 100.742 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

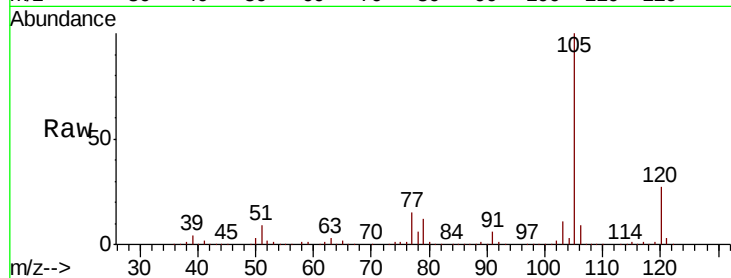
VSTDIC100

Tgt Ion: 105 Resp: 740904

Ion Ratio Lower Upper

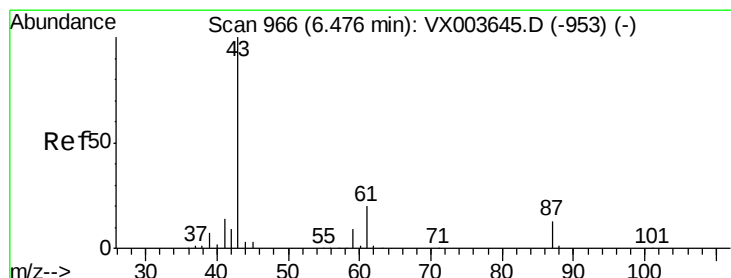
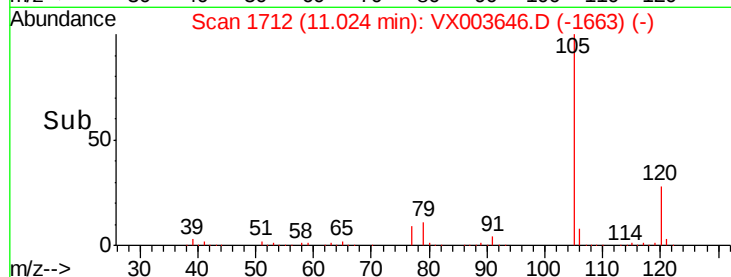
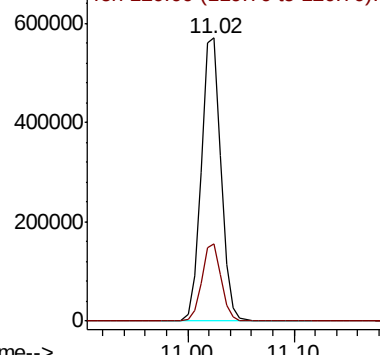
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 95.095 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Tgt Ion: 43 Resp: 364756

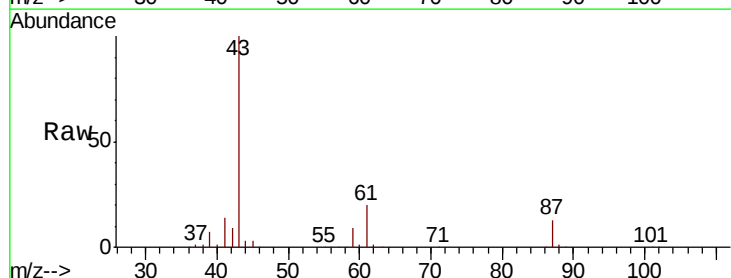
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.2 15.9 23.9

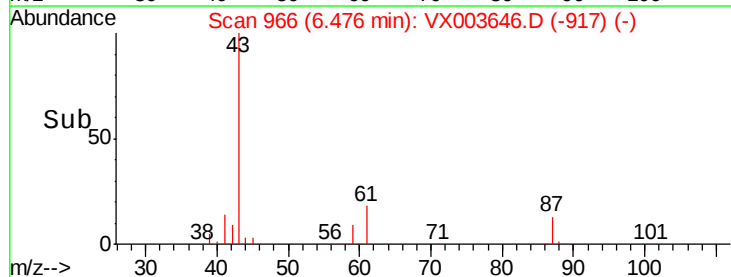
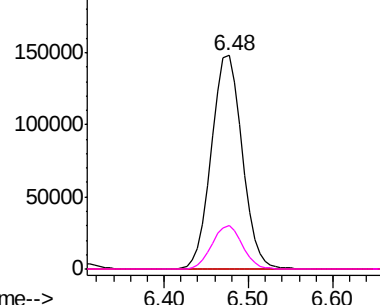


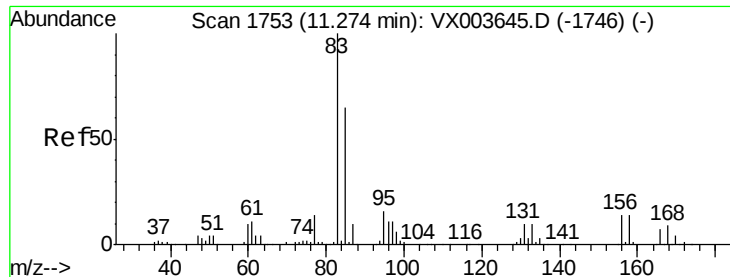
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 95.442 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

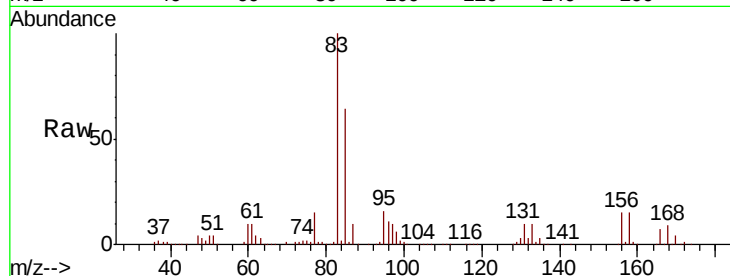
MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 259209

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.2	31.9	95.9



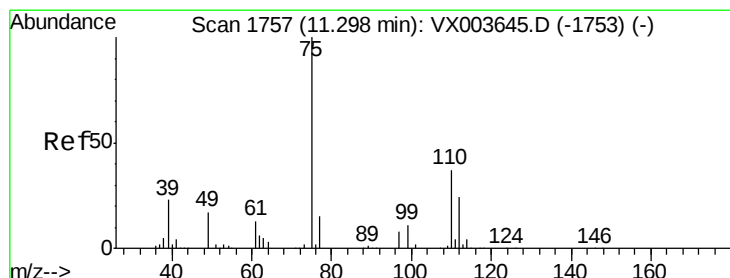
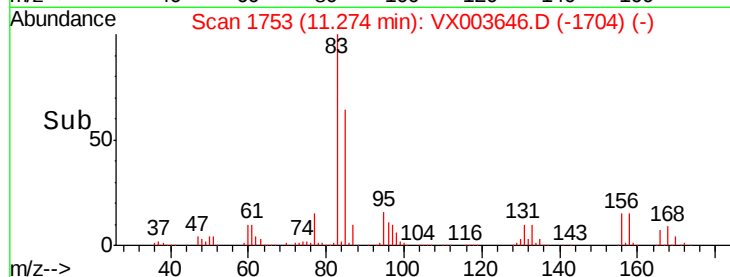
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 135.673 ug/l

RT: 11.30 min Scan# 1757

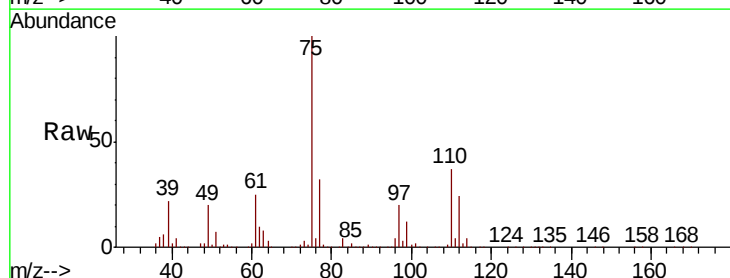
Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Tgt Ion: 75 Resp: 306317

Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.6	64.6

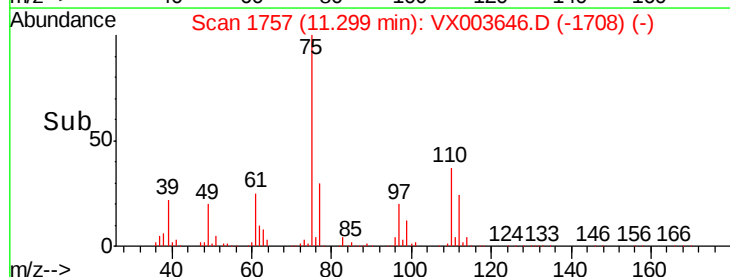


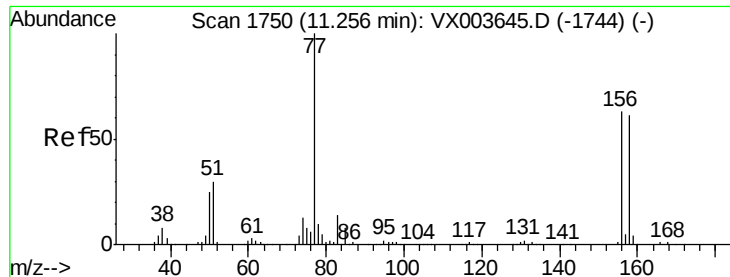
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

Time-->





#77

Bromobenzene

Concen: 97.687 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

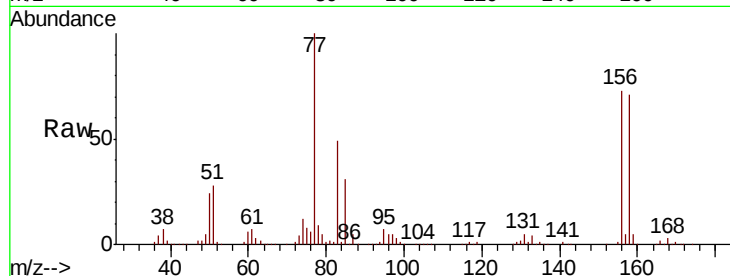
Tgt Ion:156 Resp: 195129

Ion Ratio Lower Upper

156 100

77 150.0 74.9 224.6

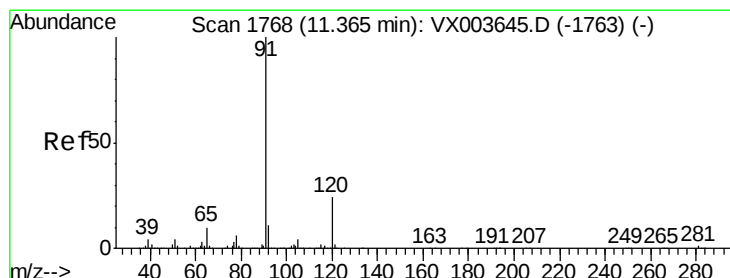
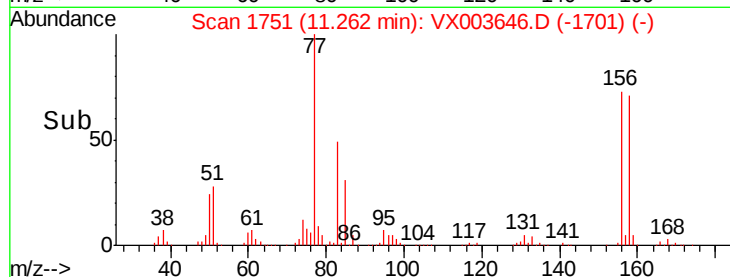
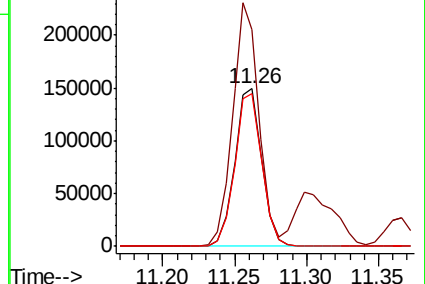
158 97.3 48.4 145.2



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: 102.376 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003646.D

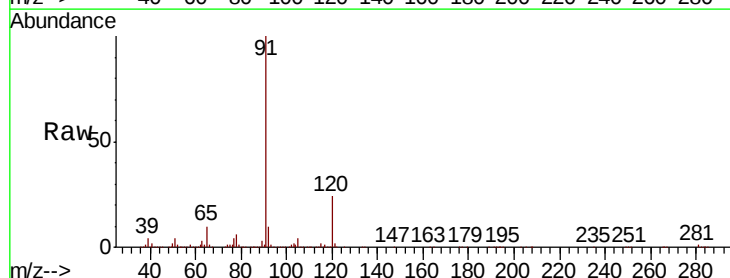
Acq: 24 Jul 2018 18:02

Tgt Ion: 91 Resp: 869396

Ion Ratio Lower Upper

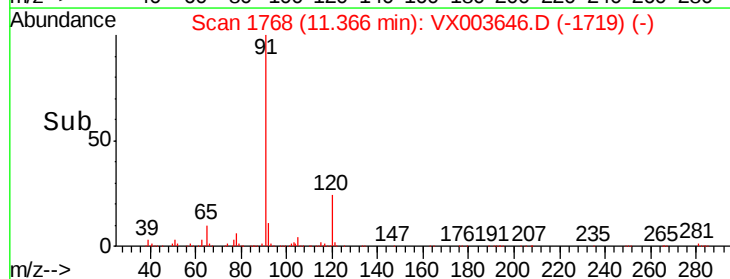
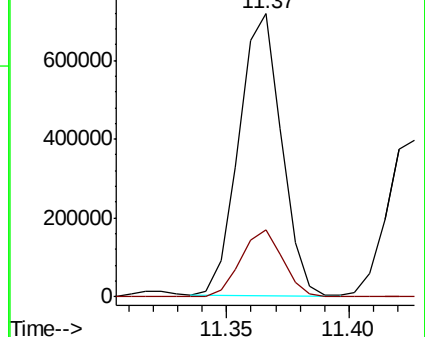
91 100

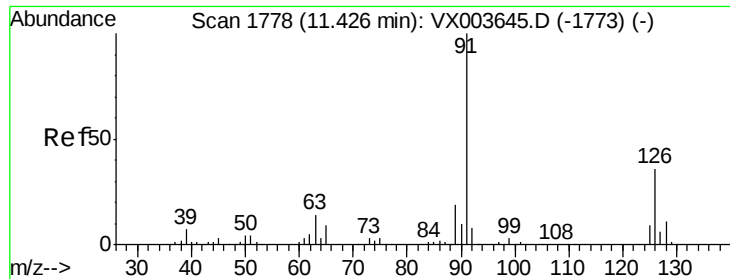
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.907 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

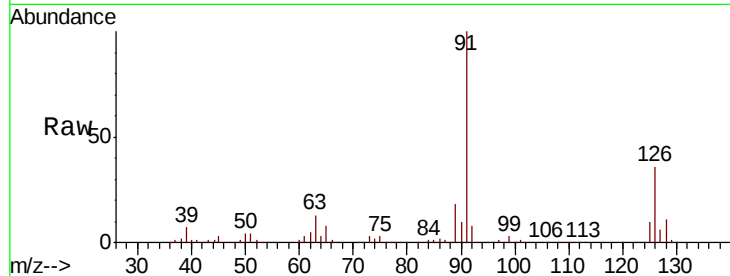
VSTDIC100

Tgt Ion: 91 Resp: 505350

Ion Ratio Lower Upper

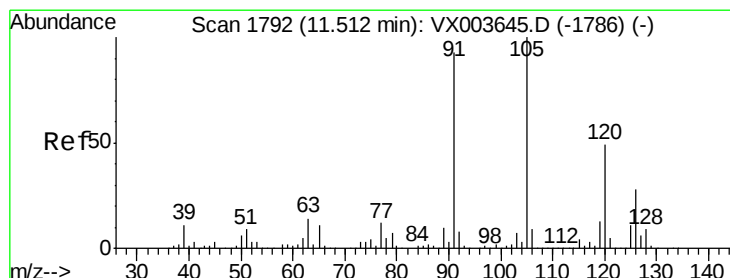
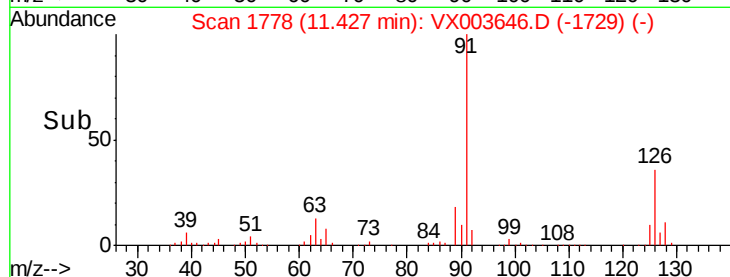
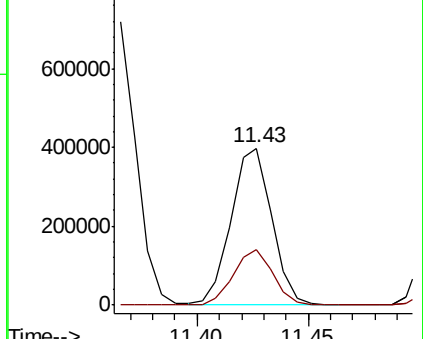
91 100

126 34.8 17.3 52.0



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: 102.875 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003646.D

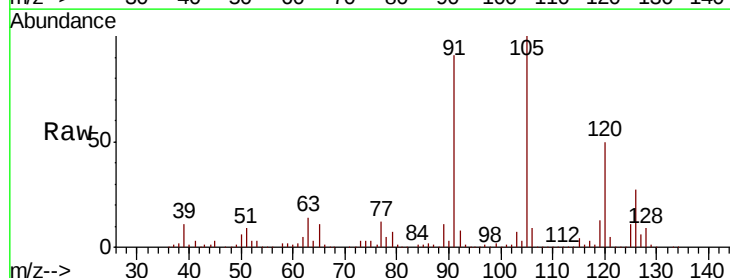
Acq: 24 Jul 2018 18:02

Tgt Ion: 105 Resp: 640103

Ion Ratio Lower Upper

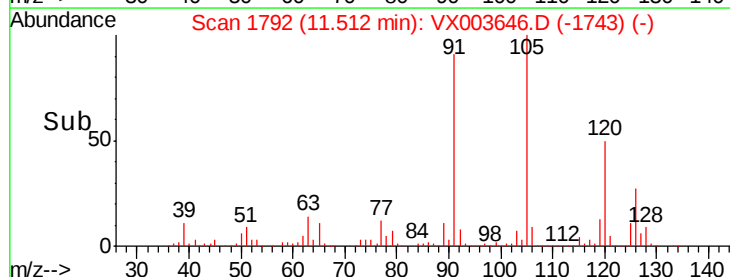
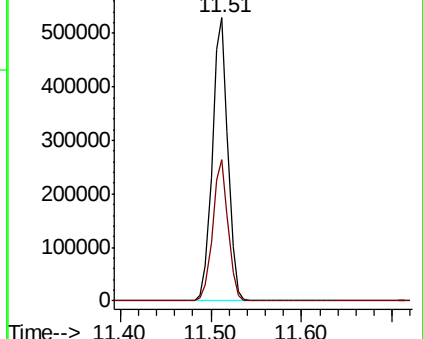
105 100

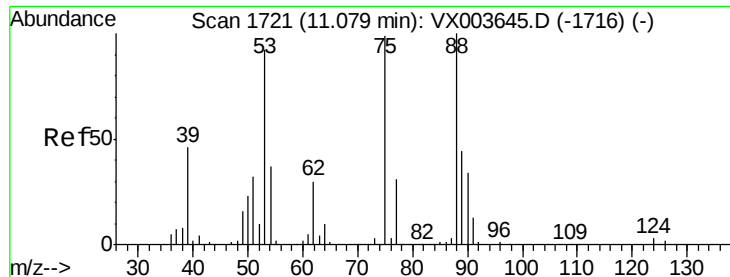
120 49.2 24.4 73.4



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: 113.106 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

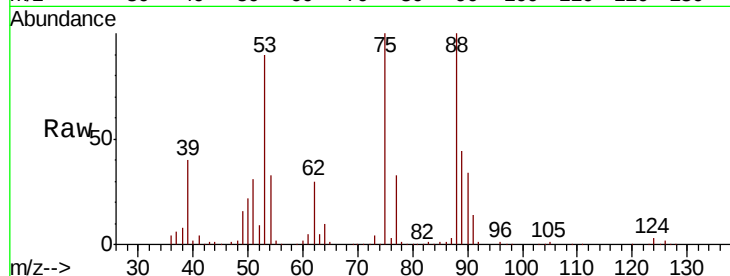
Tgt Ion: 75 Resp: 82422

Ion Ratio Lower Upper

75 100

53 92.1 77.8 116.8

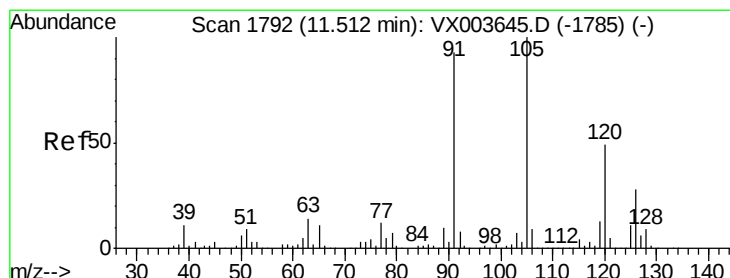
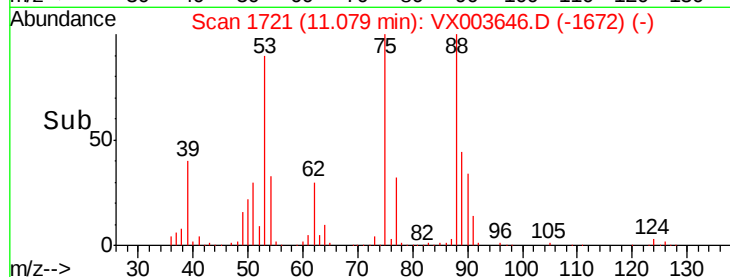
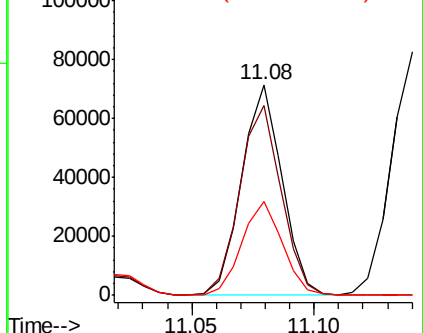
89 45.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 99.661 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003646.D

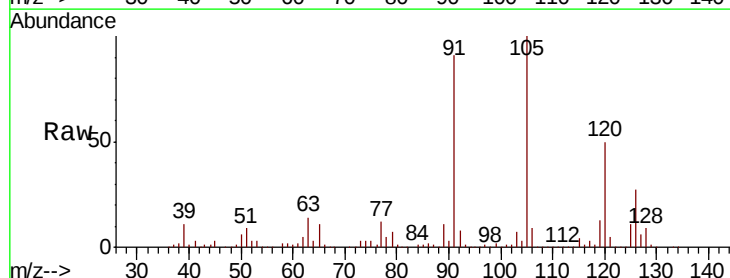
Acq: 24 Jul 2018 18:02

Tgt Ion: 91 Resp: 605938

Ion Ratio Lower Upper

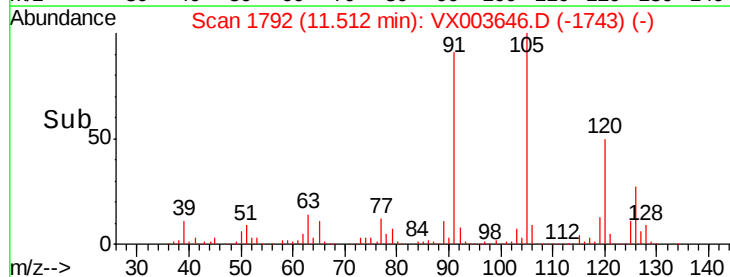
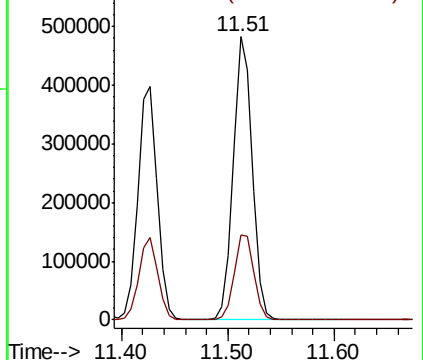
91 100

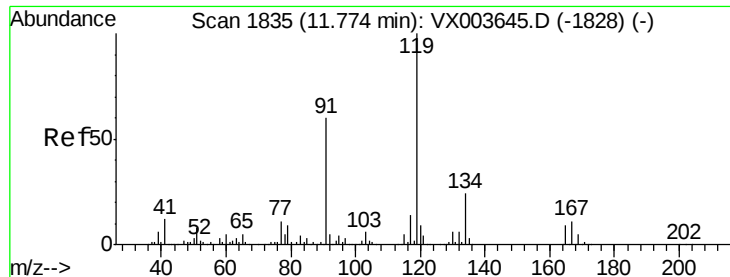
126 31.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

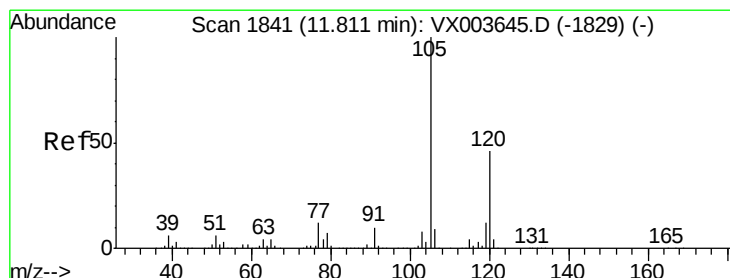
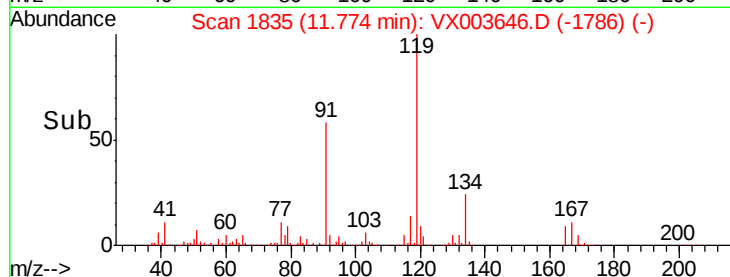
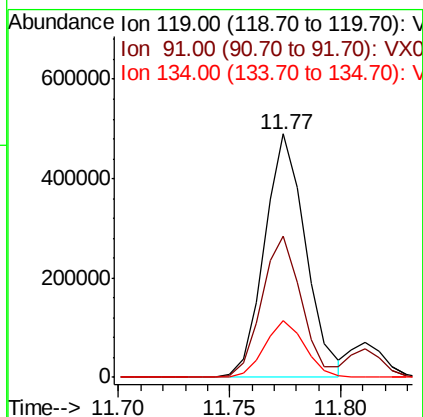
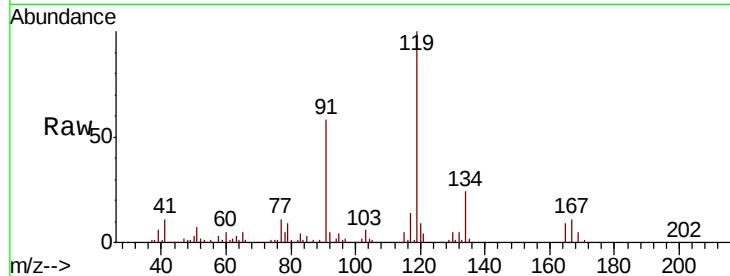




#83
 tert-Butylbenzene
 Concen: 103.143 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

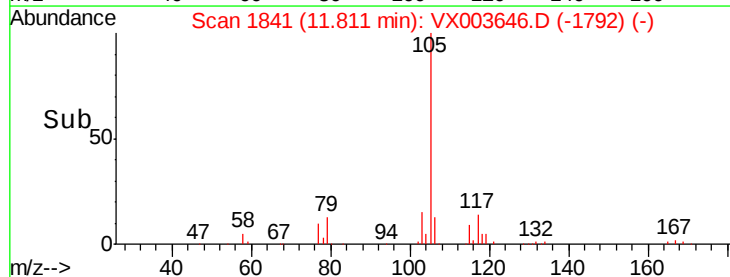
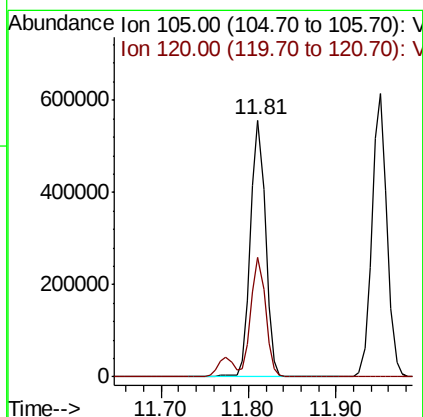
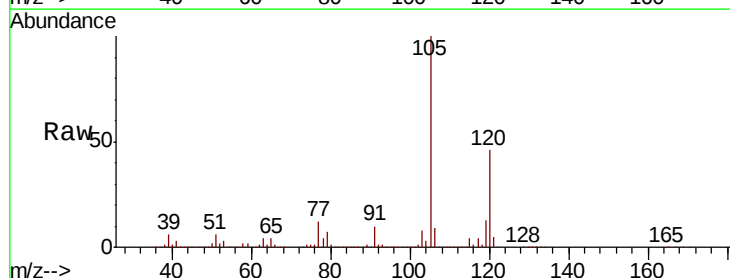
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

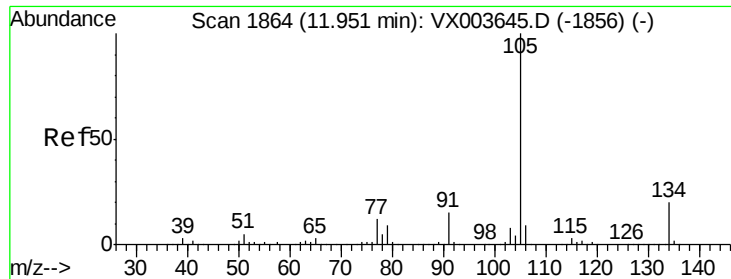
Tgt Ion:119 Resp: 627988
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.4 85.2
 134 22.7 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 102.729 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion:105 Resp: 656937
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.8

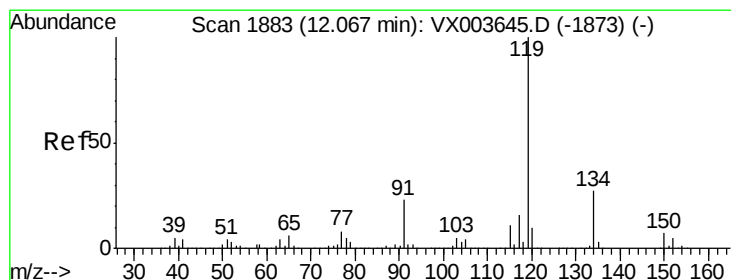
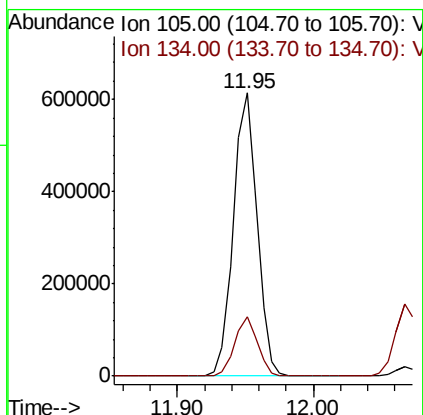
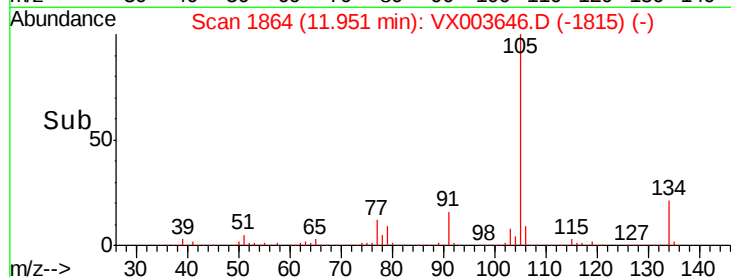
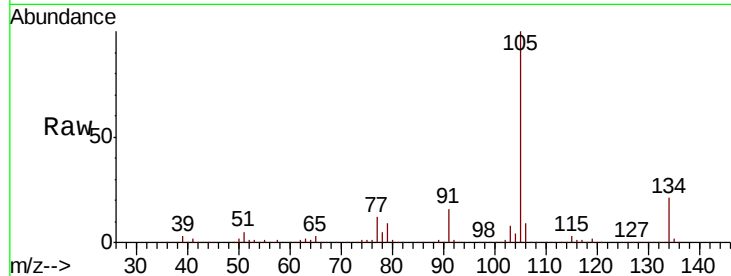




#85
sec-Butylbenzene
Concen: 102.360 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

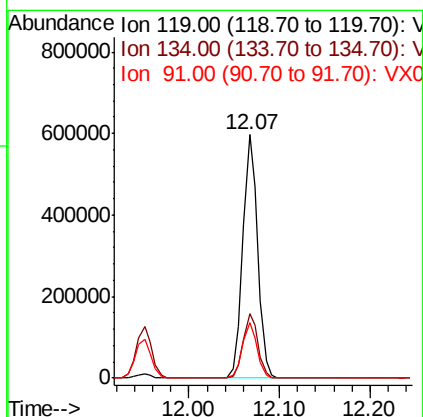
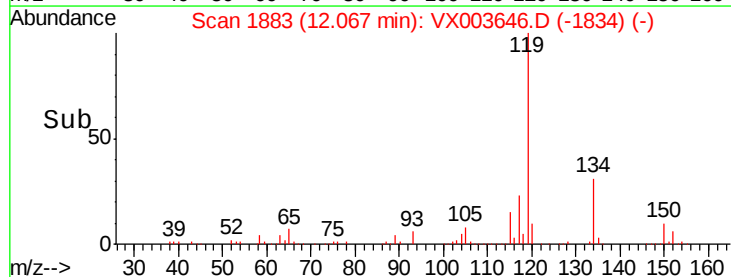
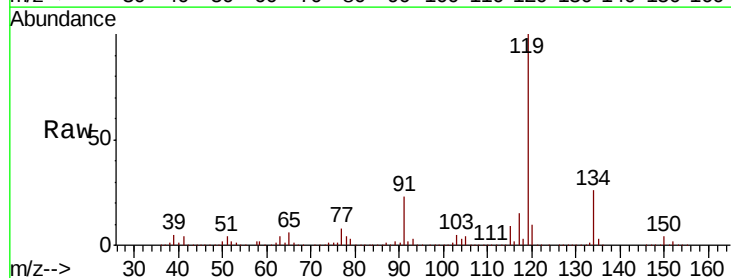
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

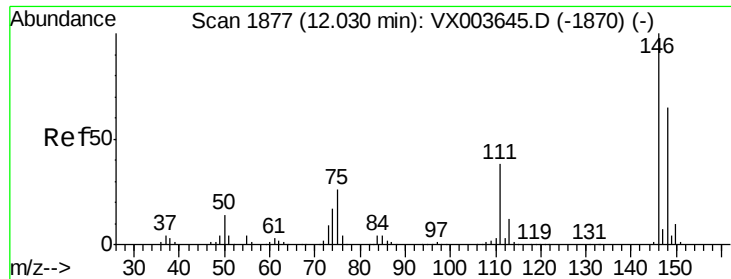
Tgt Ion:105 Resp: 743844
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.1



#86
p-Isopropyltoluene
Concen: 103.320 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003646.D
Acq: 24 Jul 2018 18:02

Tgt Ion:119 Resp: 673899
Ion Ratio Lower Upper
119 100
134 26.6 13.3 39.9
91 22.7 11.5 34.5

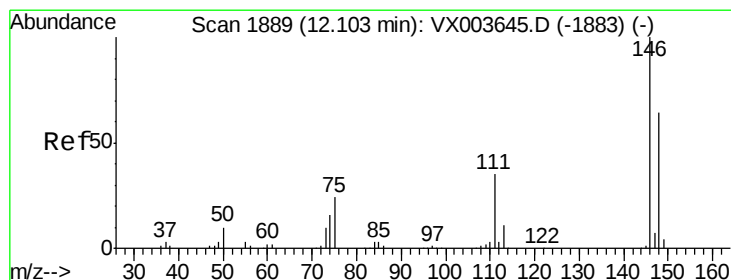
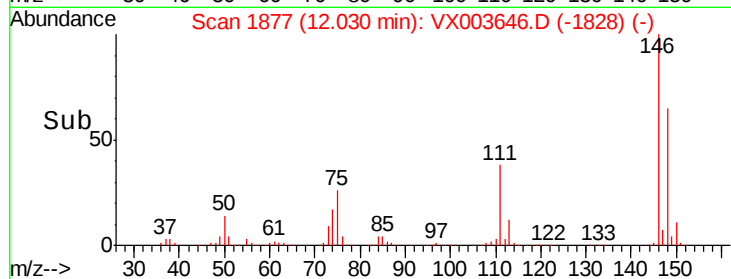
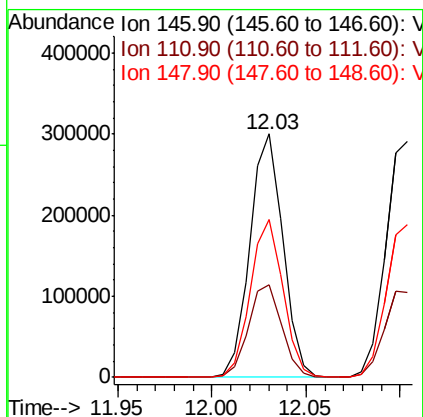
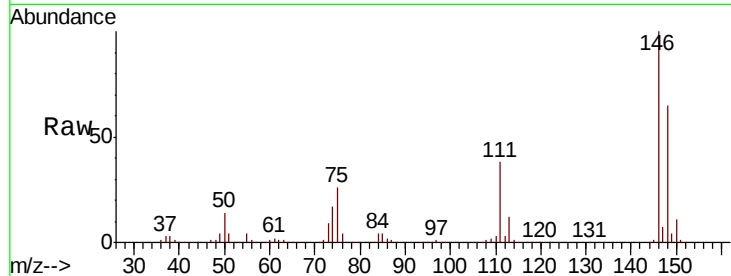




#87
 1,3-Dichlorobenzene
 Concen: 98.231 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

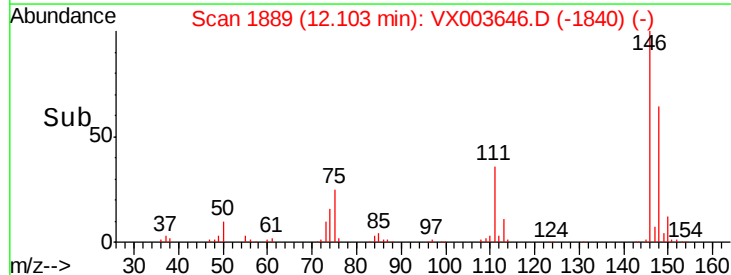
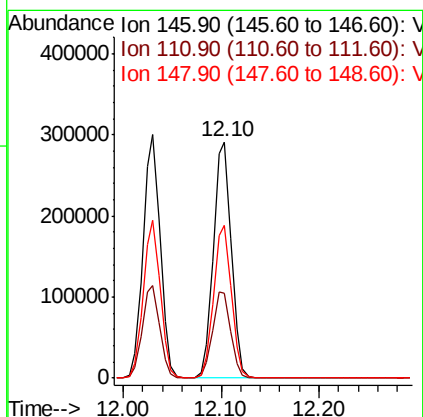
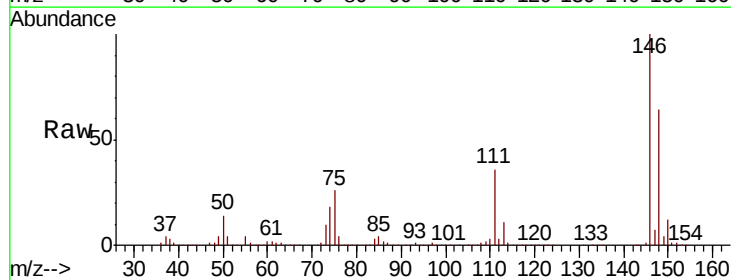
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

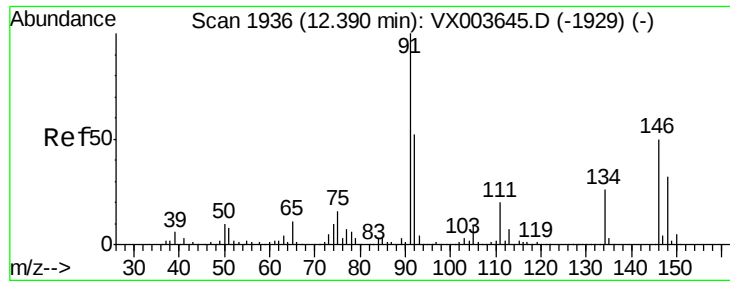
Tgt Ion:146 Resp: 365425
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.2
 148 64.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 95.537 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion:146 Resp: 369505
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 103.627 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

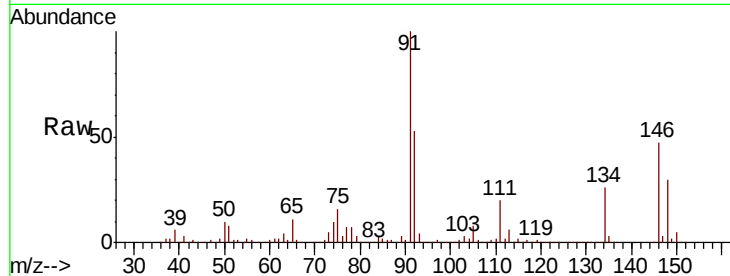
Tgt Ion: 91 Resp: 609204

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.5 13.3 39.8

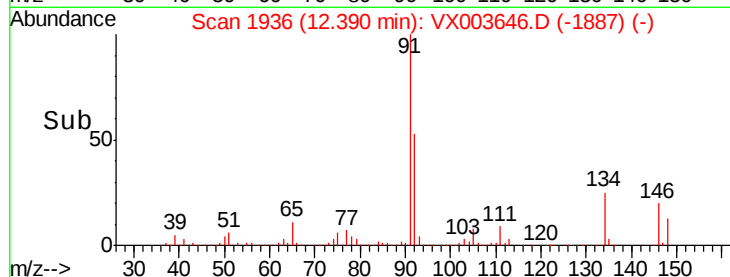


Abundance Ion 91.00 (90.70 to 91.70): VX003646.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003646.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003646.D (-1929) (-)

Time-->

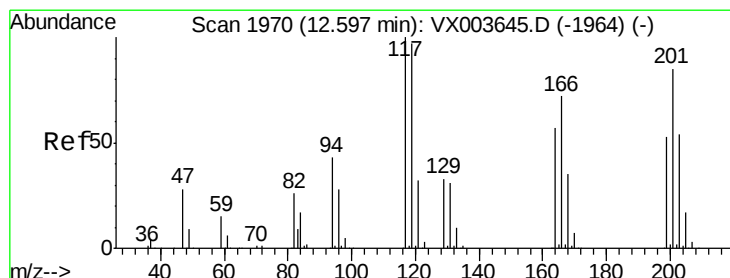


Abundance Ion 91.00 (90.70 to 91.70): VX003646.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003646.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003646.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 105.735 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003646.D

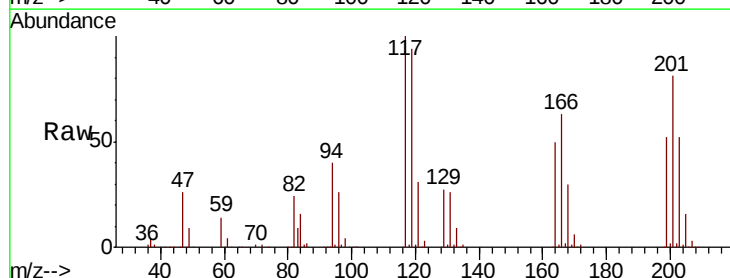
Acq: 24 Jul 2018 18:02

Tgt Ion: 117 Resp: 104444

Ion Ratio Lower Upper

117 100

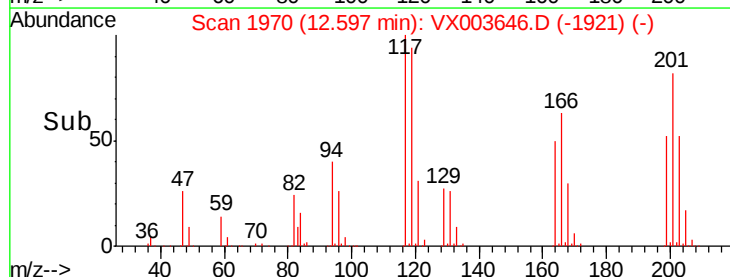
201 92.1 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): VX003646.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003646.D (-1964) (-)

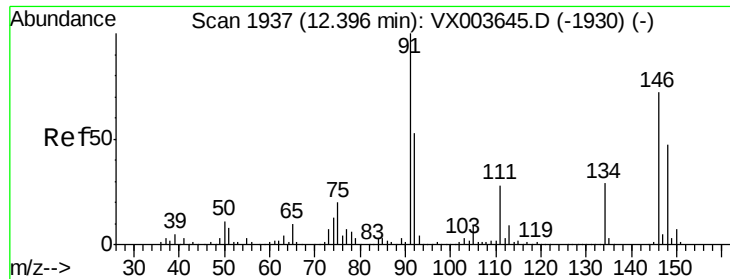
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX003646.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003646.D (-1921) (-)

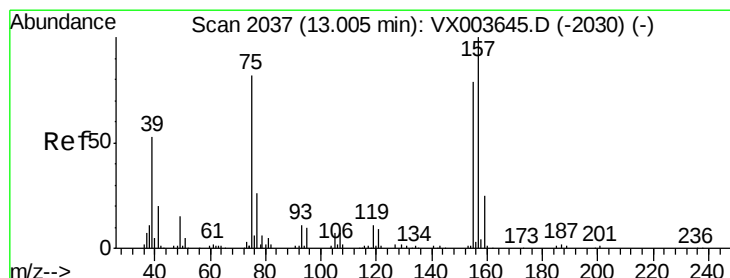
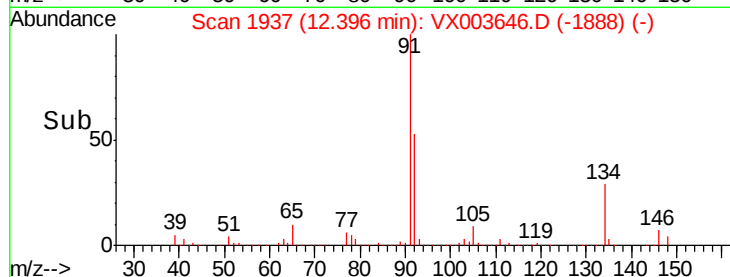
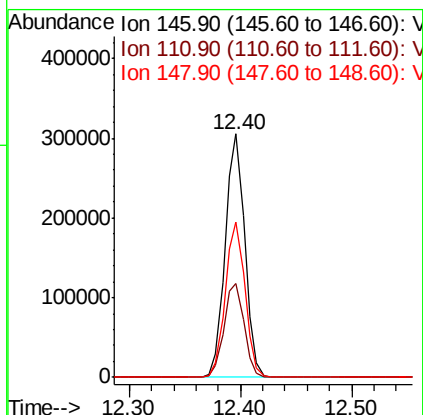
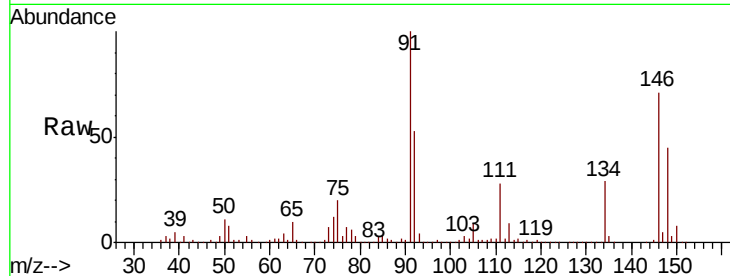
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 97.797 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

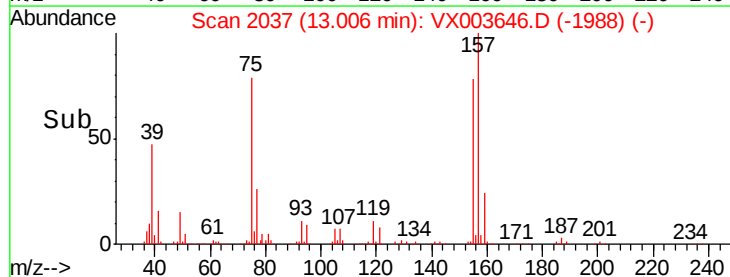
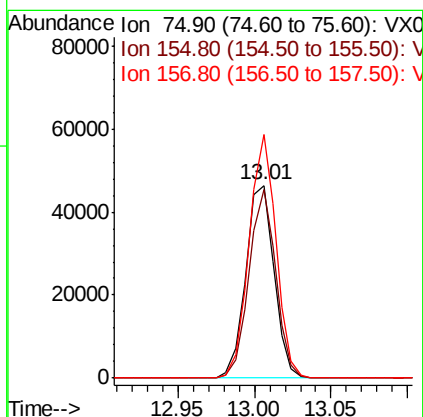
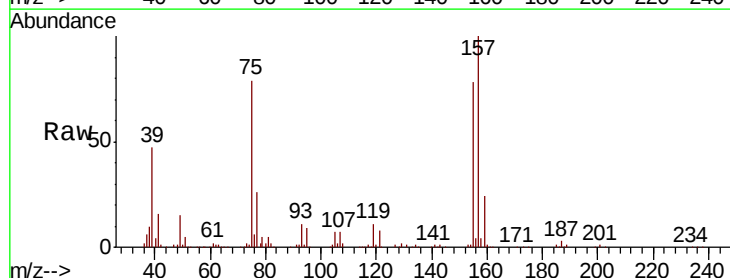
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

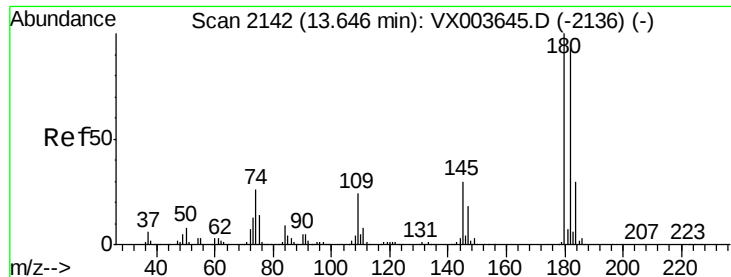
Tgt Ion:146 Resp: 371701
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 64.0 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.553 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion: 75 Resp: 59674
 Ion Ratio Lower Upper
 75 100
 155 92.4 46.1 138.3
 157 120.1 59.7 179.0

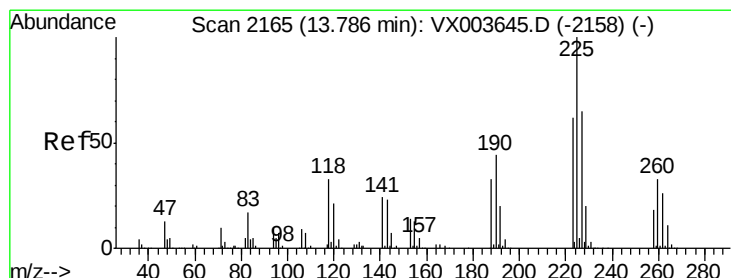
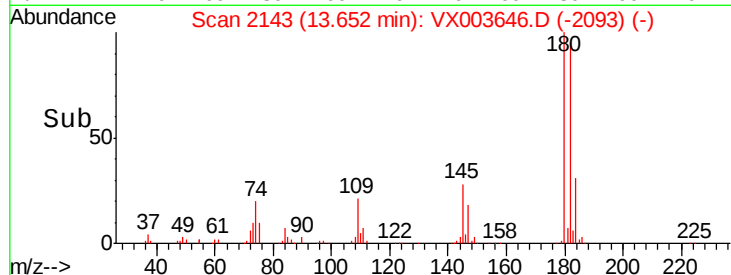
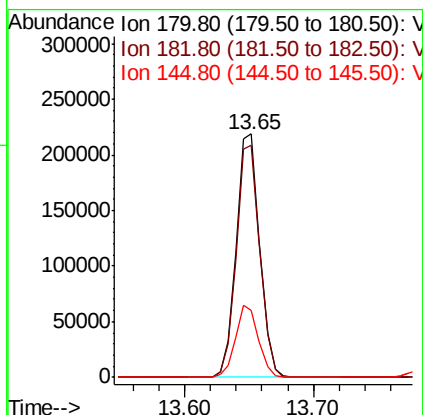
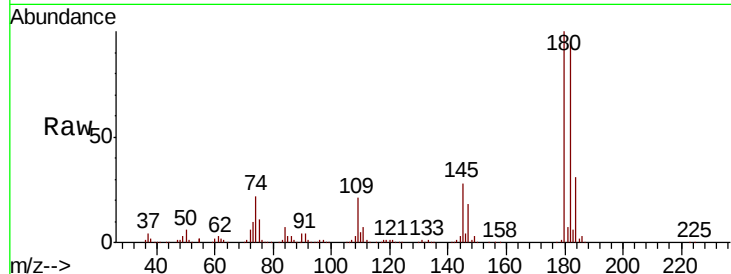




#93
 1,2,4-Trichlorobenzene
 Concen: 102.136 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

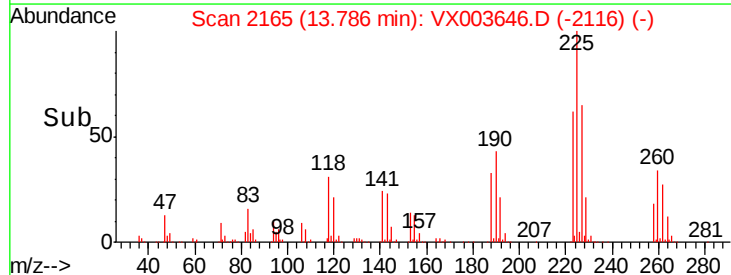
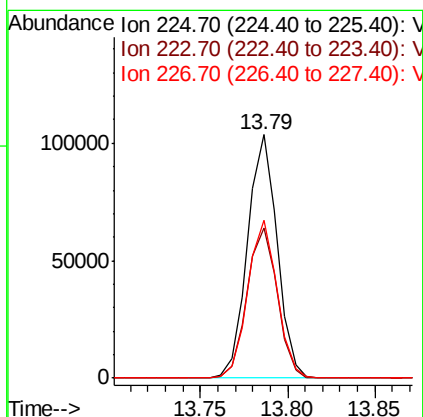
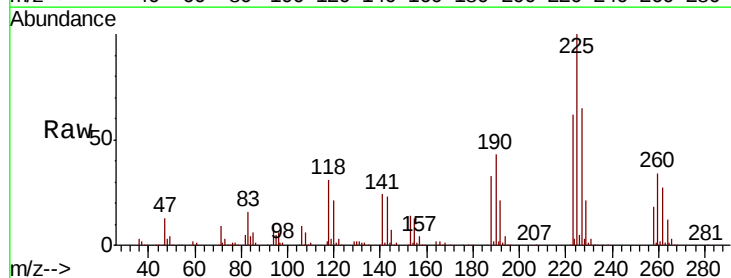
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 MSVOA_X
 ClientSampleId :
 VSTDIC100

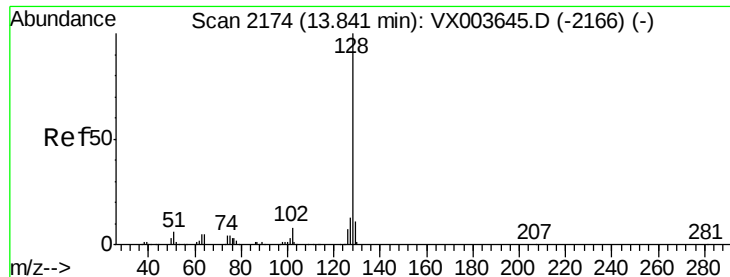
Tgt Ion:180 Resp: 276994
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.8
 145 28.9 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 97.010 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003646.D
 Acq: 24 Jul 2018 18:02

Tgt Ion:225 Resp: 121721
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.5
 227 64.2 31.9 95.7





#95

Naphthalene

Concen: 106.960 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

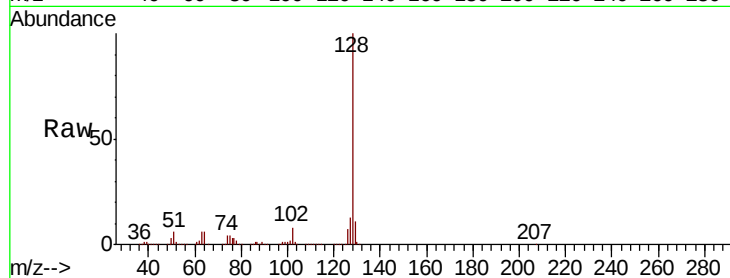
Tgt Ion:128 Resp: 877360

Ion Ratio Lower Upper

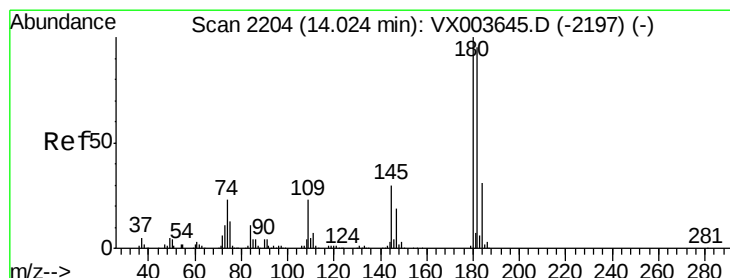
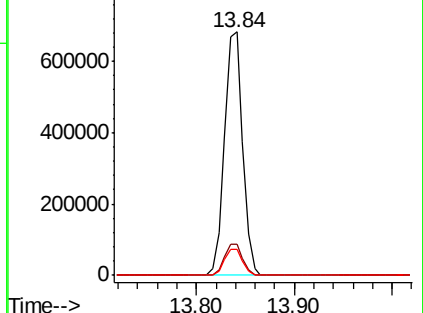
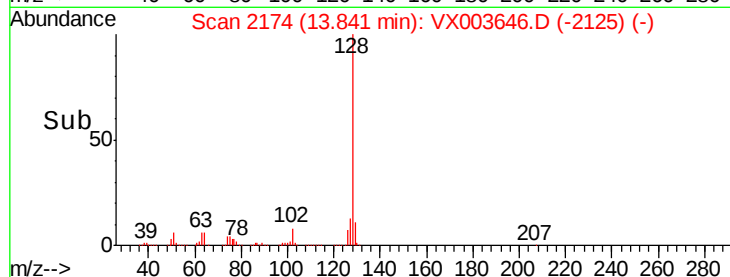
128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1



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: 102.168 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003646.D

Acq: 24 Jul 2018 18:02

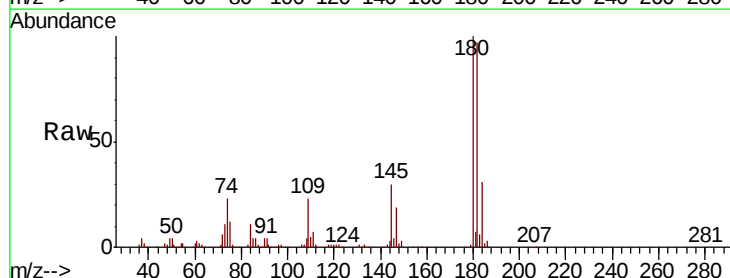
Tgt Ion:180 Resp: 281452

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.8

145 30.1 15.0 45.1



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

