

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007682.D
 Acq On : 25 Feb 2019 19:00
 Operator : JC/SP
 Sample : VX0225WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

Quant Time: Feb 26 02:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	471755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	194211	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
35) Dibromofluoromethane	5.50	113	175371	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	644446	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	219744	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	56917	19.041	ug/l	98
3) Chloromethane	1.33	50	64219	19.387	ug/l	95
4) Vinyl Chloride	1.41	62	65616	19.308	ug/l	99
5) Bromomethane	1.64	94	44106	19.661	ug/l	96
6) Chloroethane	1.72	64	42285	19.476	ug/l	97
7) Trichlorofluoromethane	1.93	101	101111	19.408	ug/l	99
8) Diethyl Ether	2.19	74	40121	18.765	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56524	17.951	ug/l	92
10) Methyl Iodide	2.51	142	76570	19.529	ug/l	97
11) Tert butyl alcohol	3.07	59	74652	97.890	ug/l	97
12) 1,1-Dichloroethene	2.38	96	55922	19.702	ug/l	99
13) Acrolein	2.29	56	53861	79.480	ug/l	99
14) Allyl chloride	2.73	41	96250	18.340	ug/l	96
15) Acrylonitrile	3.15	53	175894	98.010	ug/l	98
16) Acetone	2.45	43	155989	87.271	ug/l	99
17) Carbon Disulfide	2.57	76	147100	18.628	ug/l	97
18) Methyl Acetate	2.78	43	79809	20.462	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	193544	19.581	ug/l	98
20) Methylene Chloride	2.86	84	62406	18.908	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	60157	19.496	ug/l	97
22) Diisopropyl ether	3.87	45	208675	19.100	ug/l	93
23) Vinyl Acetate	3.82	43	882243	92.042	ug/l	99
24) 1,1-Dichloroethane	3.70	63	118134	19.896	ug/l	99
25) 2-Butanone	4.70	43	253153	92.979	ug/l	98
26) 2,2-Dichloropropane	4.58	77	75250	15.877	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	76637	19.519	ug/l	98
28) Bromochloromethane	5.02	49	52548	18.179	ug/l	99
29) Tetrahydrofuran	5.15	42	169133	94.239	ug/l	99
30) Chloroform	5.21	83	121378	19.084	ug/l	99
31) Cyclohexane	5.57	56	100017	17.908	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	100879	19.179	ug/l	98
36) 1,1-Dichloropropene	5.80	75	86405	18.514	ug/l	99
37) Ethyl Acetate	4.85	43	96577	18.629	ug/l	97
38) Carbon Tetrachloride	5.78	117	88517	18.881	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007682.D
 Acq On : 25 Feb 2019 19:00
 Operator : JC/SP
 Sample : VX0225WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

Quant Time: Feb 26 02:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98433	16.688	ug/l	99
40) Benzene	6.14	78	279455	19.397	ug/l	98
41) Methacrylonitrile	5.06	41	51456	18.587	ug/l	97
42) 1,2-Dichloroethane	6.20	62	92503	19.103	ug/l	98
43) Isopropyl Acetate	6.46	43	146385	18.346	ug/l	98
44) Trichloroethene	7.21	130	79164	19.975	ug/l	96
45) 1,2-Dichloropropane	7.52	63	69605	18.651	ug/l	97
46) Dibromomethane	7.66	93	48938	18.797	ug/l	93
47) Bromodichloromethane	7.90	83	82628	18.314	ug/l	97
48) Methyl methacrylate	7.77	41	76061	18.186	ug/l	99
49) 1,4-Dioxane	7.75	88	34719	384.343	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	501738	93.942	ug/l	99
52) Toluene	8.78	92	175672	19.337	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86685	17.391	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	99596	18.190	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	73543	19.413	ug/l	98
56) Ethyl methacrylate	9.18	69	102420	19.011	ug/l	96
57) 1,3-Dichloropropane	9.37	76	117421	19.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	285230	96.009	ug/l	99
59) 2-Hexanone	9.49	43	377922	90.129	ug/l	99
60) Dibromochloromethane	9.58	129	70152	19.244	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76251	19.386	ug/l	98
64) Tetrachloroethene	9.34	164	74698	19.505	ug/l	93
65) Chlorobenzene	10.14	112	193666	18.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	65699	18.460	ug/l	95
67) Ethyl Benzene	10.25	91	313542	18.551	ug/l	99
68) m/p-Xylenes	10.36	106	247086	37.577	ug/l	100
69) o-Xylene	10.70	106	119263	18.857	ug/l	99
70) Styrene	10.71	104	191468	18.417	ug/l	99
71) Bromoform	10.85	173	46654	17.481	ug/l #	100
73) Isopropylbenzene	11.02	105	313478	19.961	ug/l	99
74) N-amyl acetate	10.90	43	127763	18.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	105778	19.474	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	118402	25.279	ug/l	79
77) Bromobenzene	11.26	156	83125	21.103	ug/l	94
78) n-propylbenzene	11.36	91	349425	19.690	ug/l	99
79) 2-Chlorotoluene	11.42	91	211012	19.747	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	253525	19.626	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27259	17.666	ug/l	96
82) 4-Chlorotoluene	11.51	91	238636	19.090	ug/l	98
83) tert-Butylbenzene	11.77	119	242156	19.524	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	264333	20.004	ug/l	99
85) sec-Butylbenzene	11.94	105	299682	19.282	ug/l	99
86) p-Isopropyltoluene	12.06	119	261505	19.212	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	142713	19.532	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	142195	19.002	ug/l	98
89) n-Butylbenzene	12.38	91	219534	18.085	ug/l	98
90) Hexachloroethane	12.60	117	42963	18.733	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	142726	19.523	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21068	17.801	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007682.D
Acq On : 25 Feb 2019 19:00
Operator : JC/SP
Sample : VX0225WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

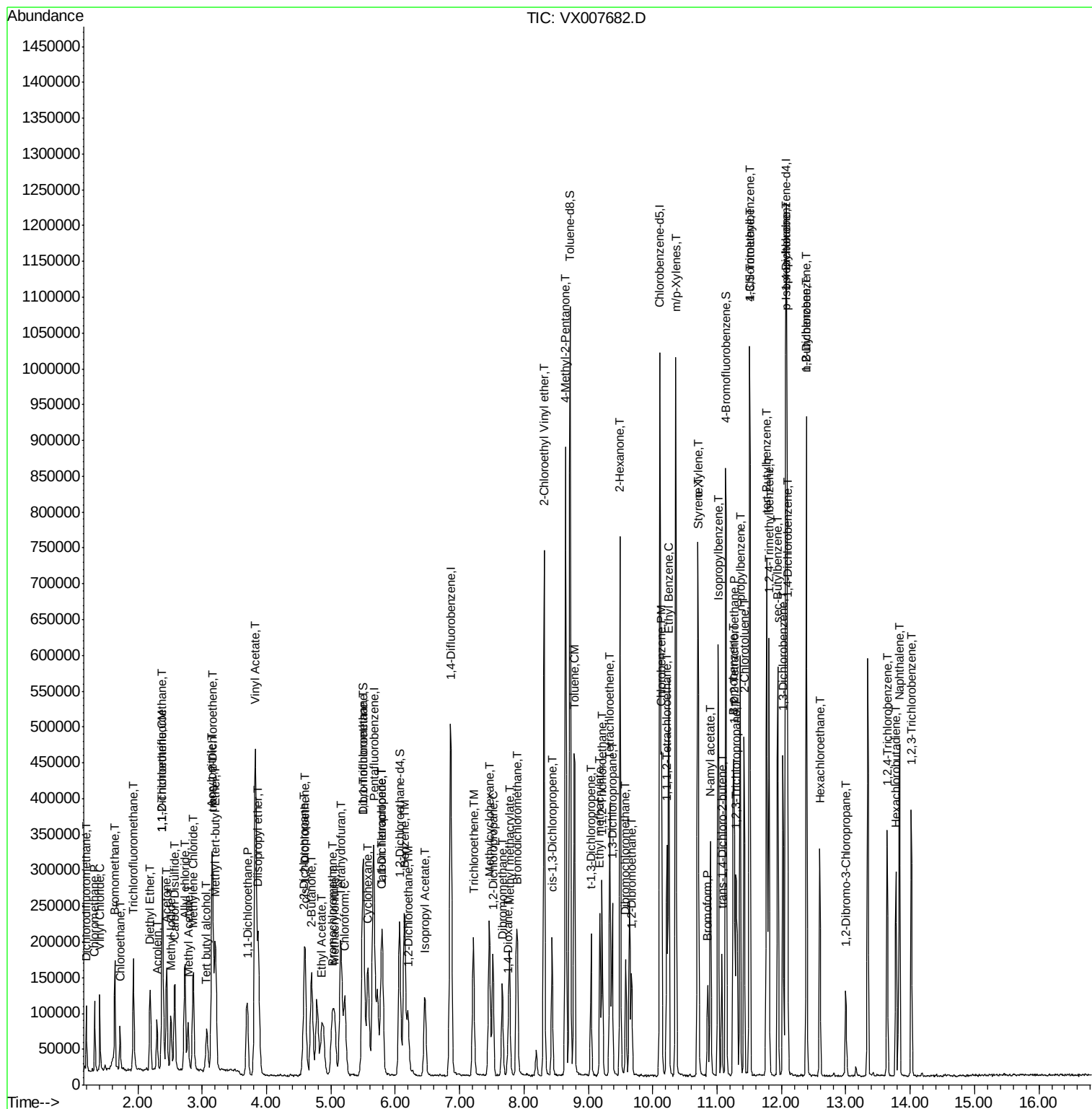
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

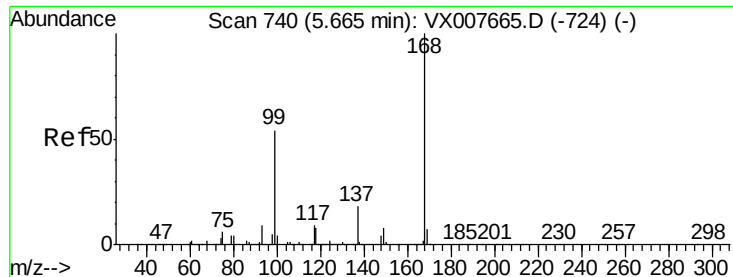
Quant Time: Feb 26 02:23:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85682	19.200	ug/l	98
94) Hexachlorobutadiene	13.78	225	36499	17.879	ug/l	96
95) Naphthalene	13.83	128	291062	20.132	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88631	19.780	ug/l	97

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

Quant Time: Feb 26 02:23:50 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

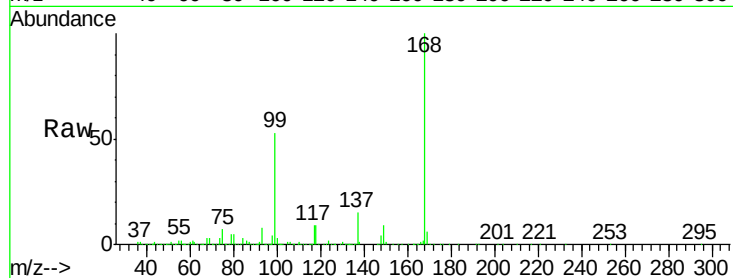
VX0225WBSD01

Tot Ion:168 Resp: 324486

Ion Ratio Lower Upper

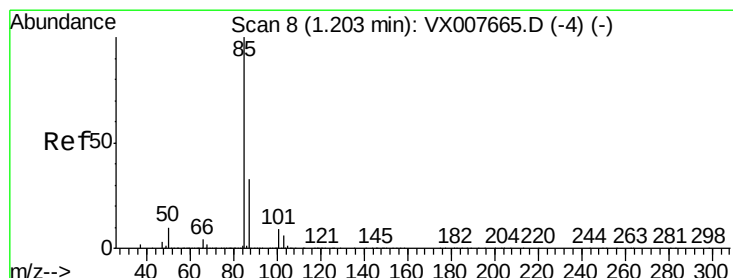
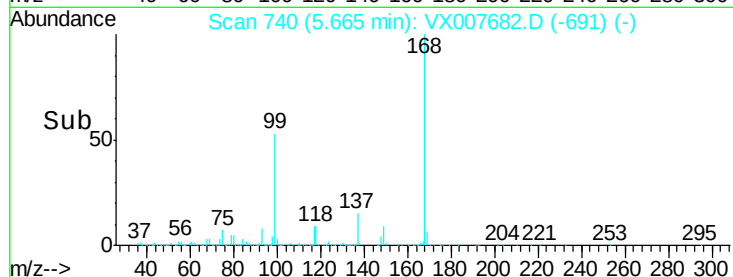
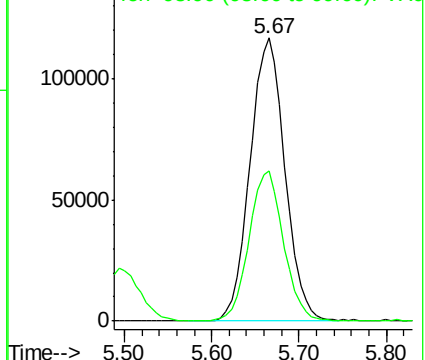
168 100

99 53.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.041 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007682.D

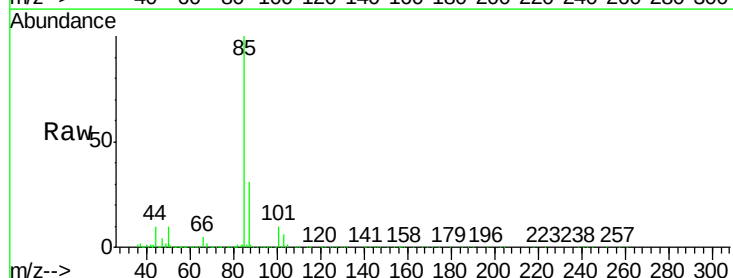
Acq: 25 Feb 2019 19:00

Tgt Ion: 85 Resp: 56917

Ion Ratio Lower Upper

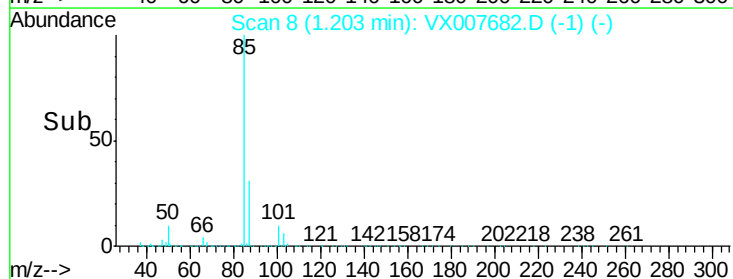
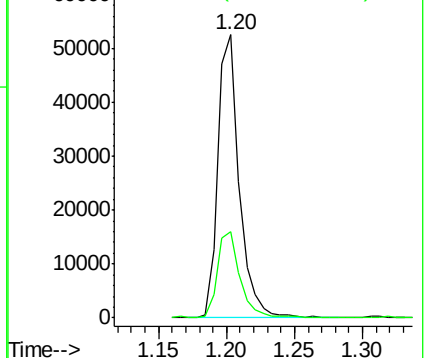
85 100

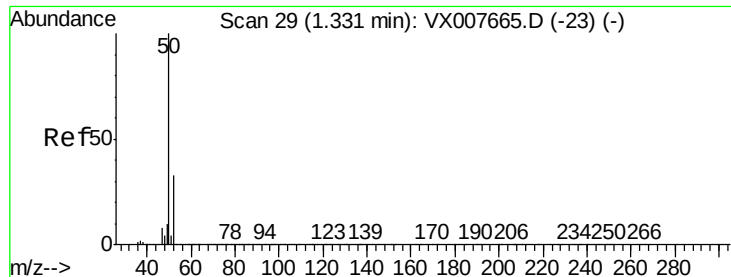
87 30.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

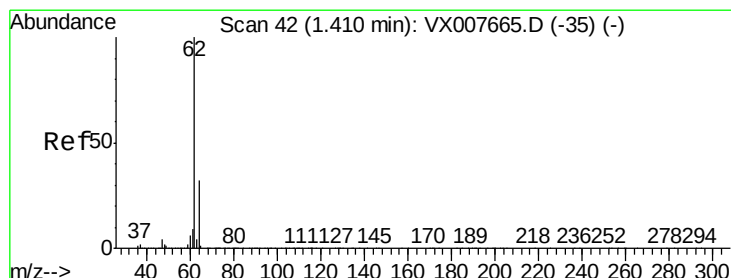
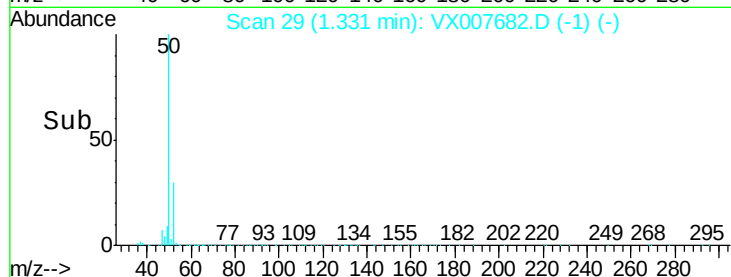
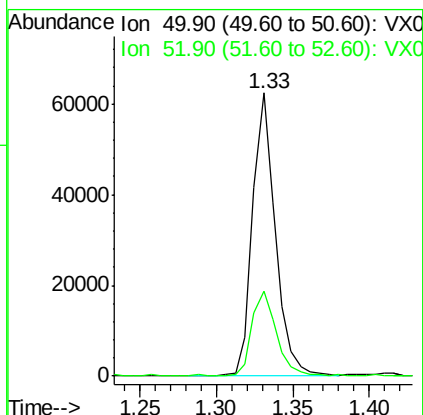
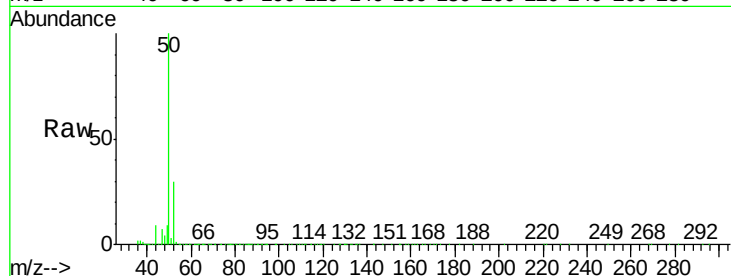




#3
Chloromethane
Concen: 19.387 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

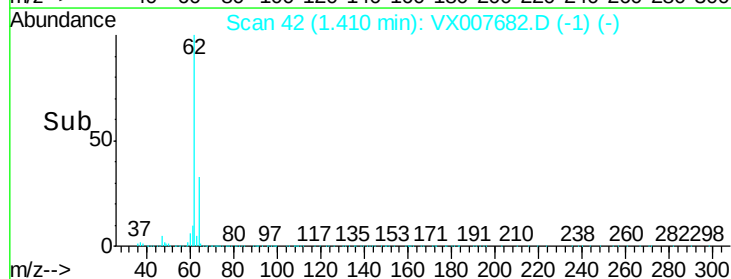
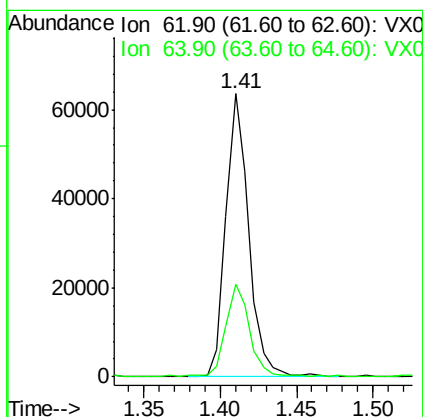
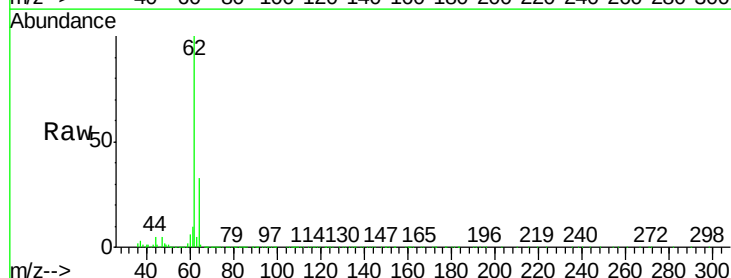
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

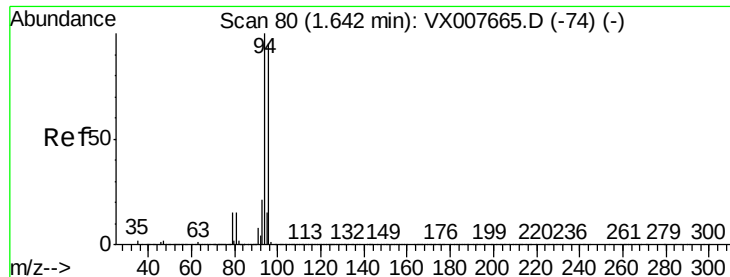
Tot Ion: 50 Resp: 64219
Ion Ratio Lower Upper
50 100
52 30.0 26.1 39.1



#4
Vinyl Chloride
Concen: 19.308 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 62 Resp: 65616
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5

Bromomethane

Concen: 19.661 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

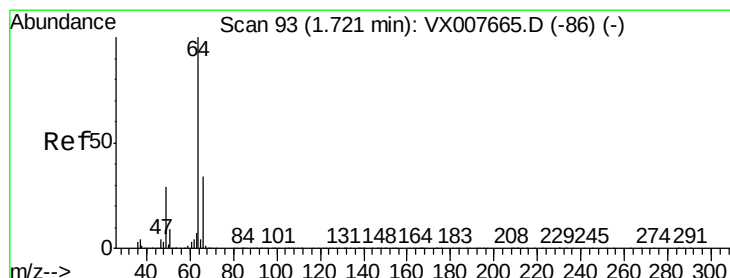
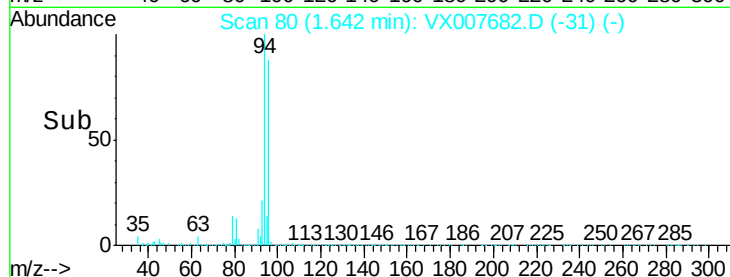
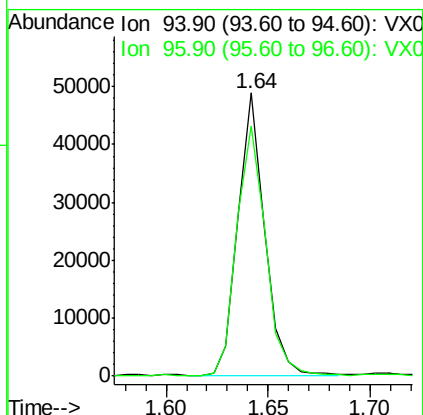
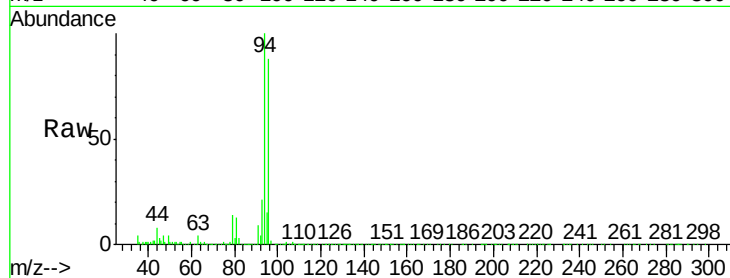
VX0225WBSD01

Tot Ion: 94 Resp: 44106

Ion Ratio Lower Upper

94 100

96 88.3 73.9 110.9



#6

Chloroethane

Concen: 19.476 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007682.D

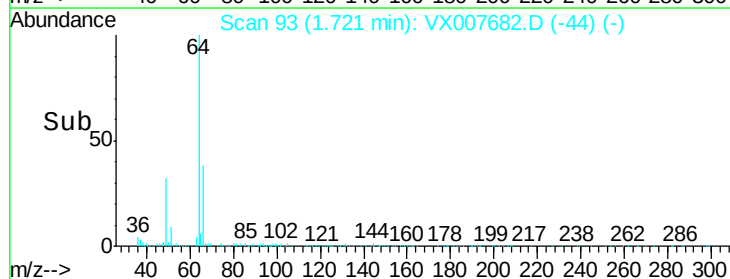
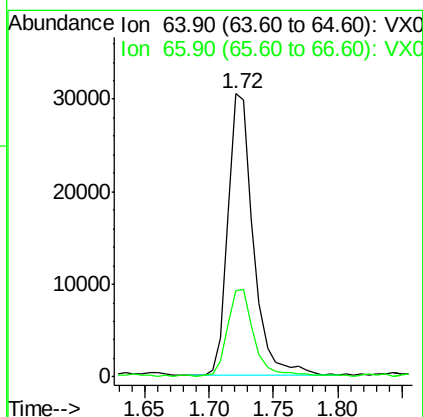
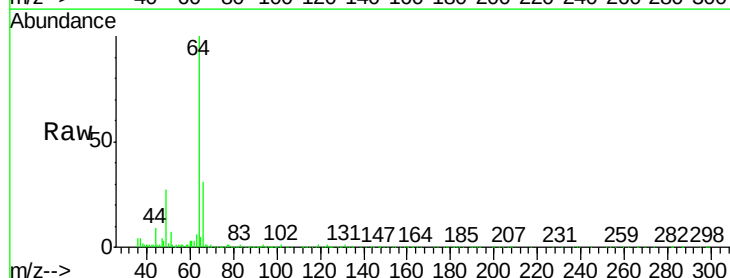
Acq: 25 Feb 2019 19:00

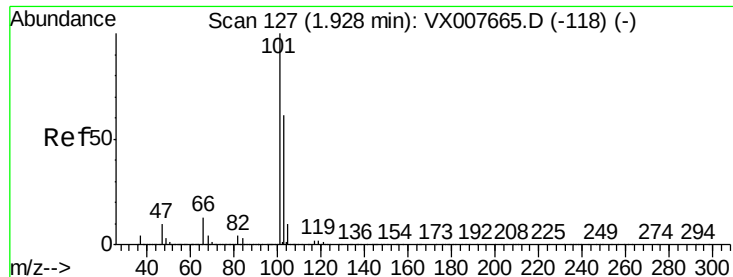
Tgt Ion: 64 Resp: 42285

Ion Ratio Lower Upper

64 100

66 30.4 25.5 38.3



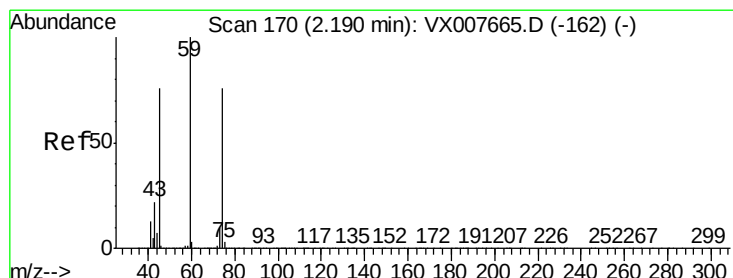
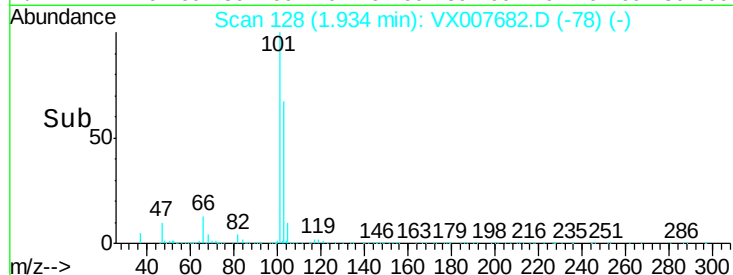
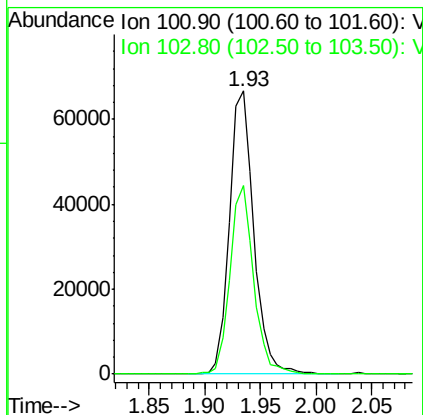
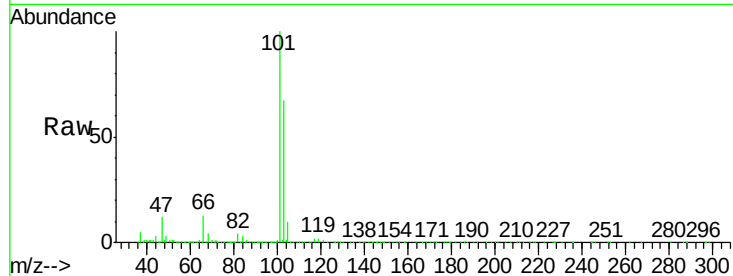


#7

Trichlorofluoromethane
 Concen: 19.408 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

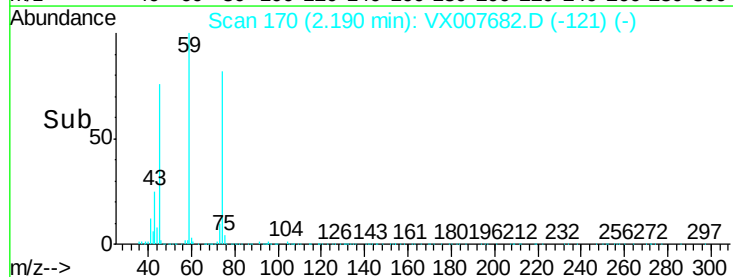
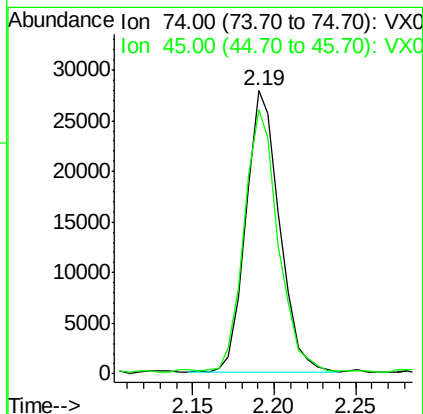
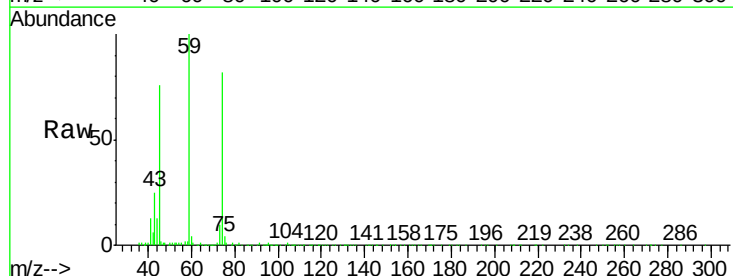
Tot Ion:101 Resp: 101111
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.6 79.0

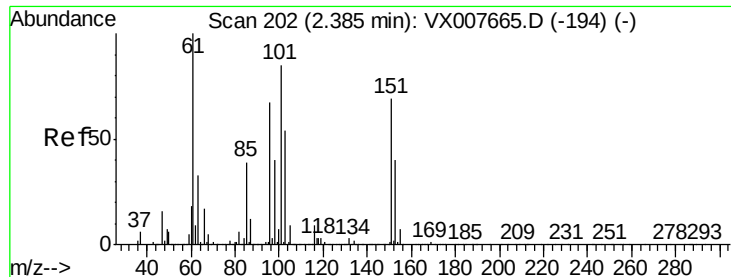


#8

Diethyl Ether
 Concen: 18.765 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion: 74 Resp: 40121
 Ion Ratio Lower Upper
 74 100
 45 95.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.951 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

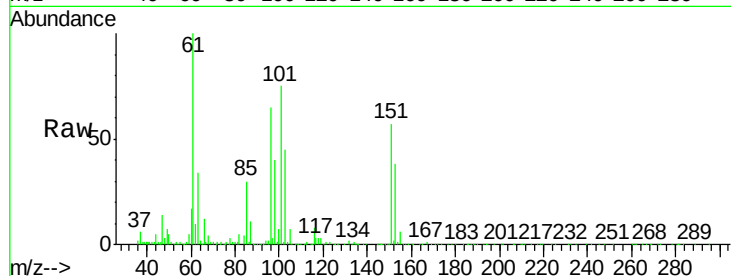
Tot Ion:101 Resp: 56524

Ion Ratio Lower Upper

101 100

85 45.3 34.1 51.1

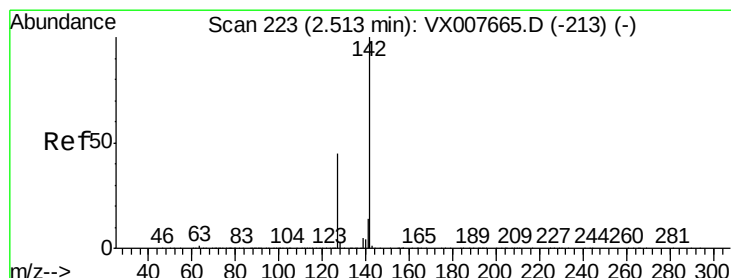
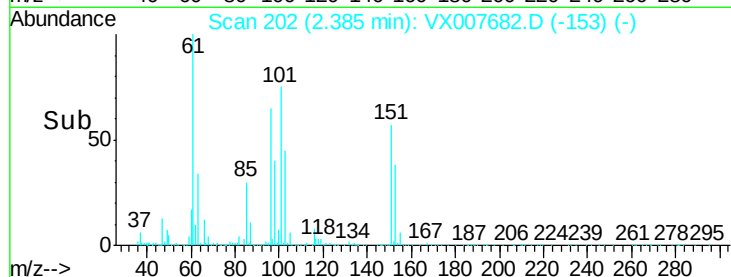
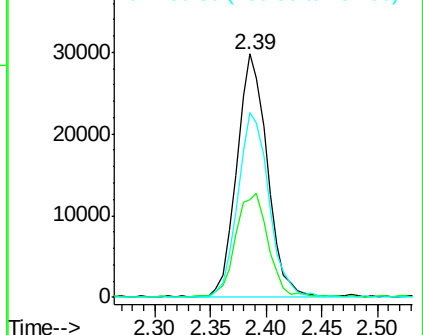
151 78.2 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.529 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

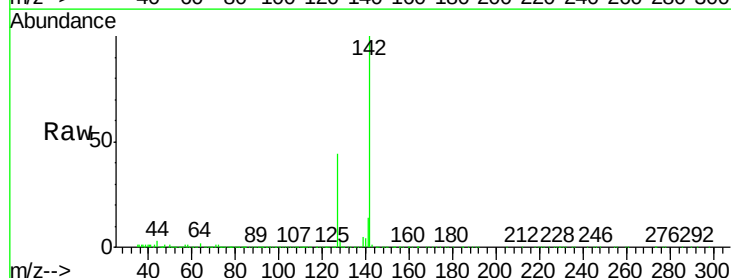
Tgt Ion:142 Resp: 76570

Ion Ratio Lower Upper

142 100

127 44.2 33.7 50.5

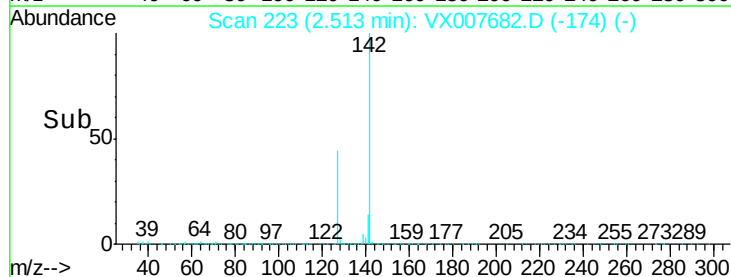
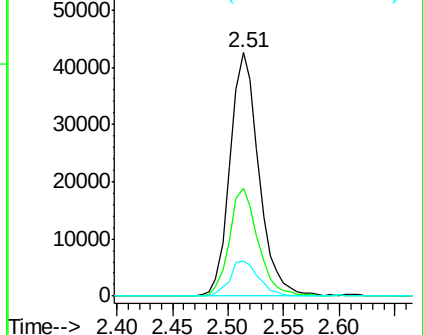
141 14.8 11.3 16.9

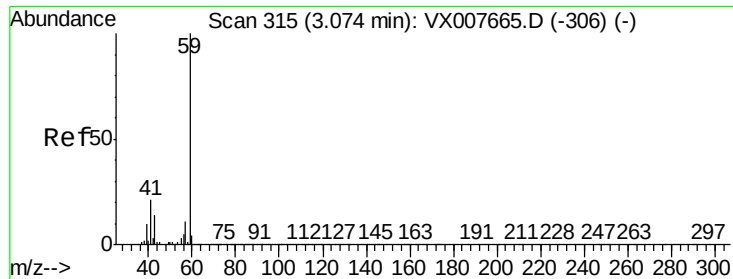


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



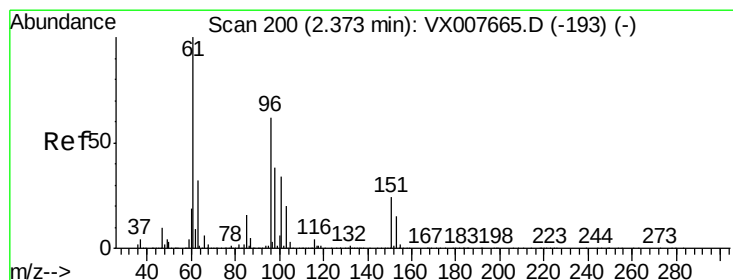
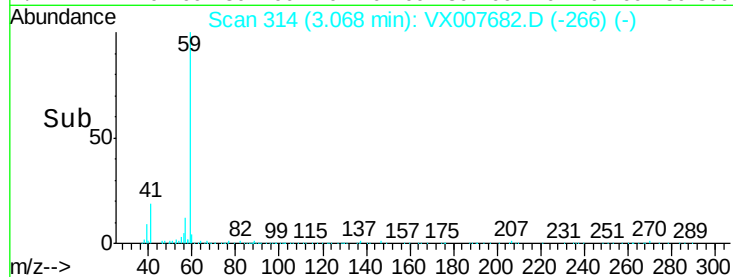
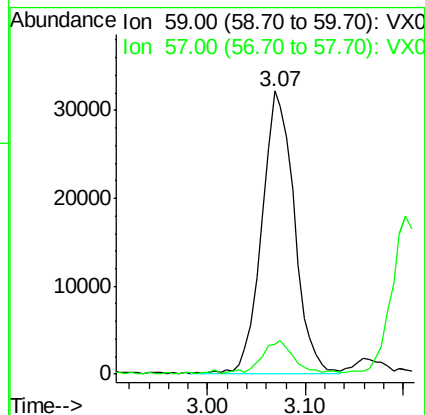
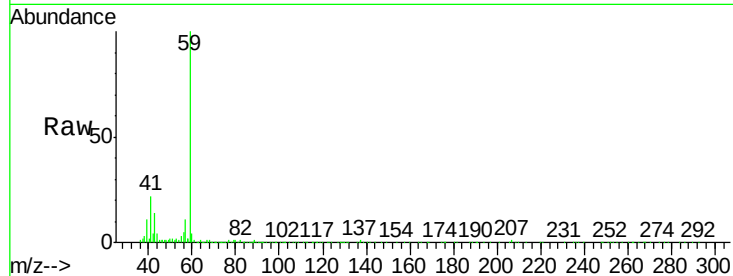


#11

Tert butyl alcohol
Concen: 97.890 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

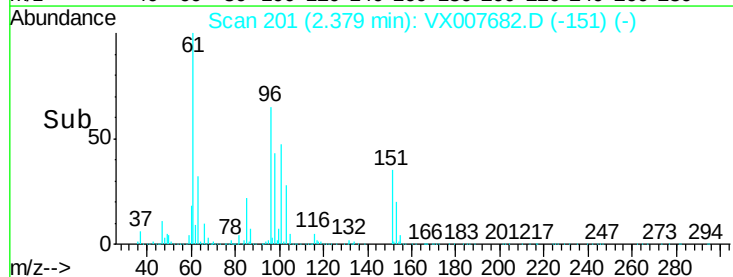
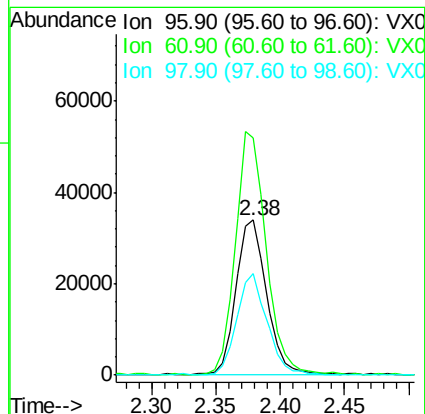
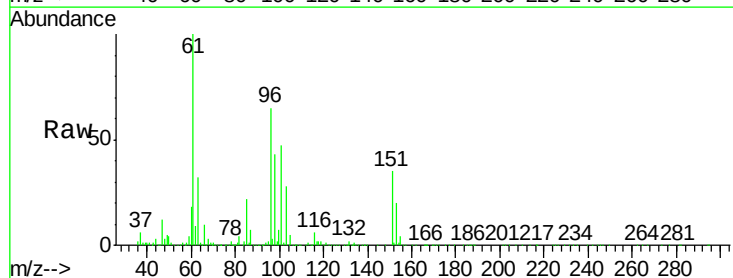
Tot Ion: 59 Resp: 74652
Ion Ratio Lower Upper
59 100
57 11.2 8.1 12.1

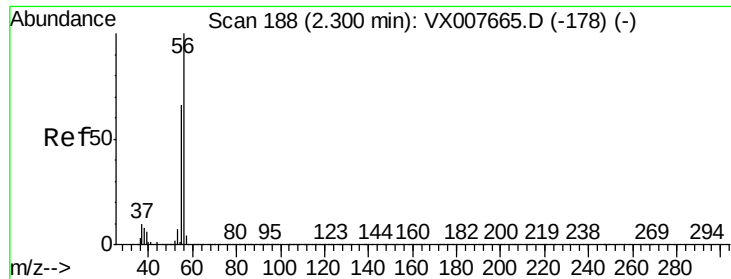


#12

1,1-Dichloroethene
Concen: 19.702 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 96 Resp: 55922
Ion Ratio Lower Upper
96 100
61 153.7 123.0 184.4
98 65.9 50.9 76.3





#13

Acrolein

Concen: 79.480 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

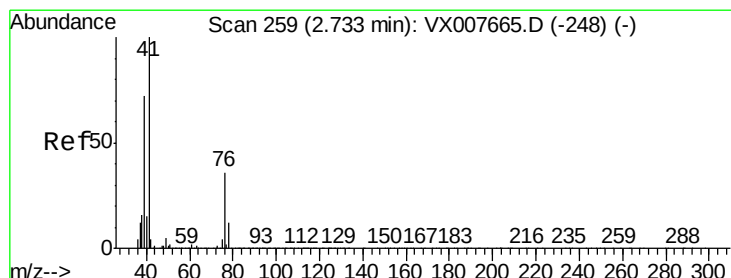
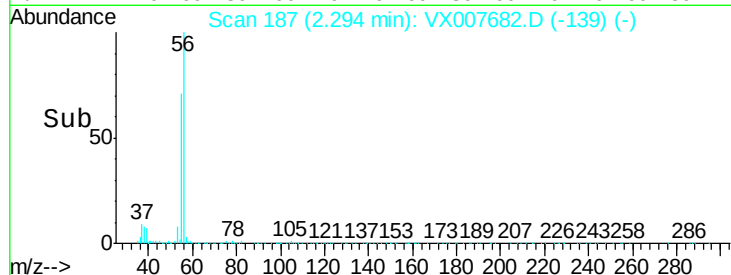
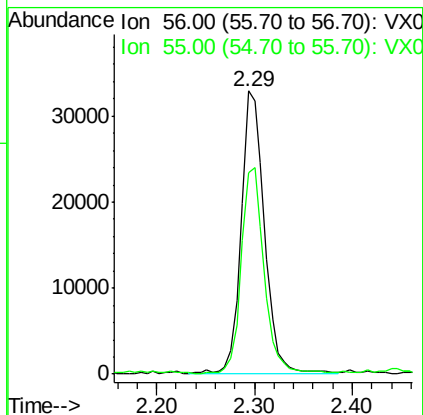
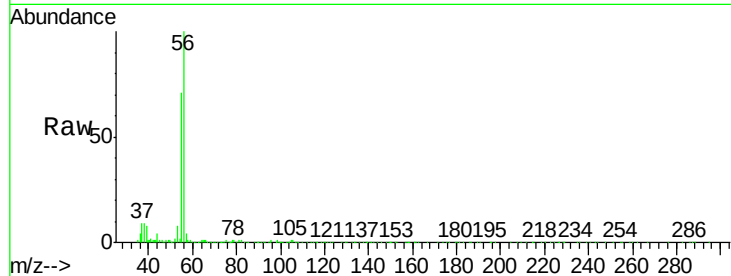
VX0225WBSD01

Tot Ion: 56 Resp: 53861

Ion Ratio Lower Upper

56 100

55 72.2 56.9 85.3



#14

Allyl chloride

Concen: 18.340 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

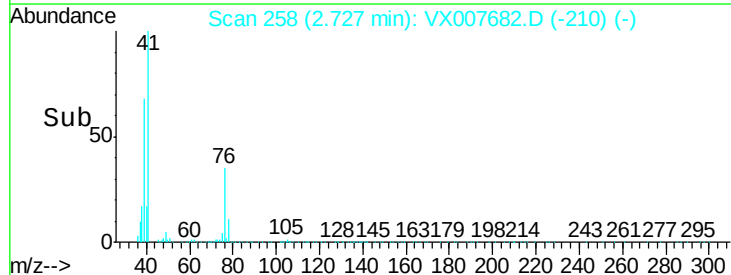
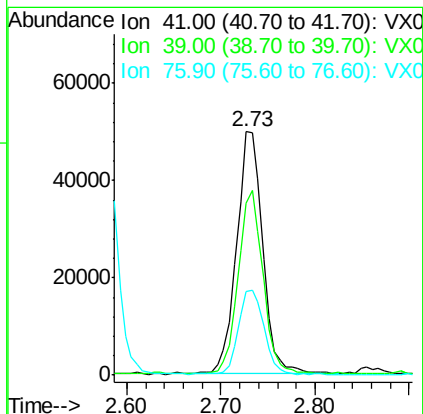
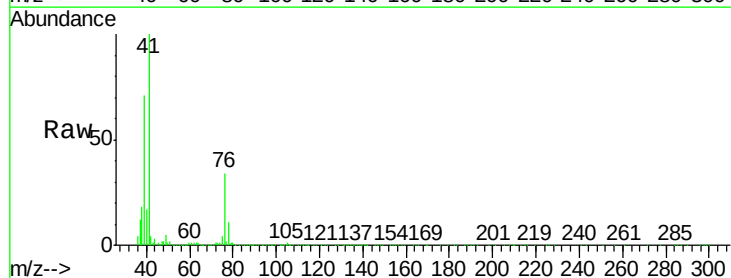
Tgt Ion: 41 Resp: 96250

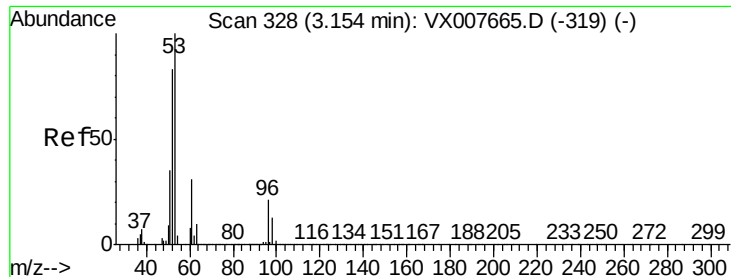
Ion Ratio Lower Upper

41 100

39 71.5 54.1 81.1

76 33.7 27.8 41.8





#15

Acrylonitrile

Concen: 98.010 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

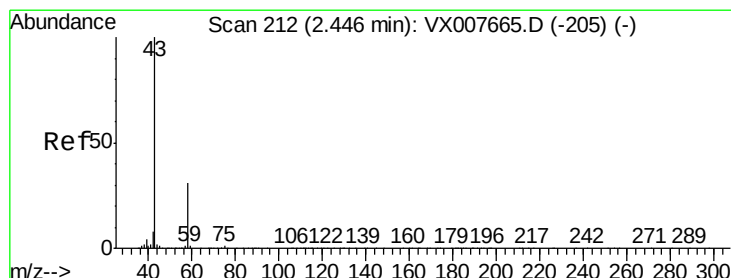
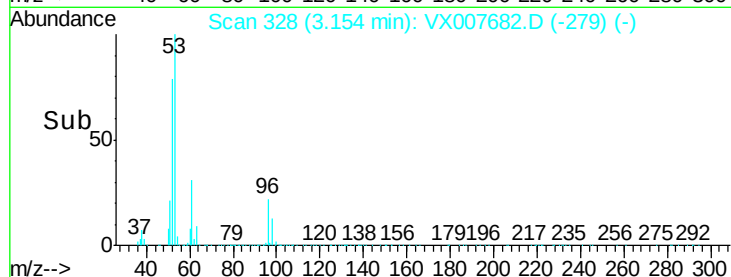
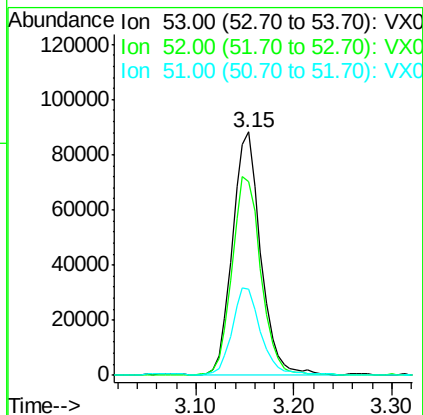
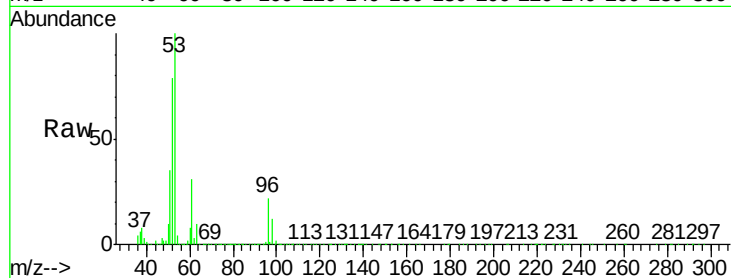
Tot Ion: 53 Resp: 175894

Ion Ratio Lower Upper

53 100

52 84.5 66.4 99.6

51 37.7 28.4 42.6



#16

Acetone

Concen: 87.271 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007682.D

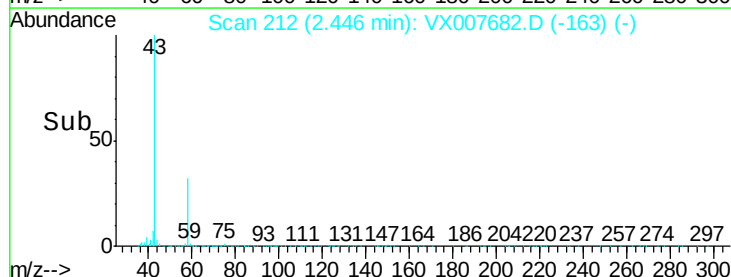
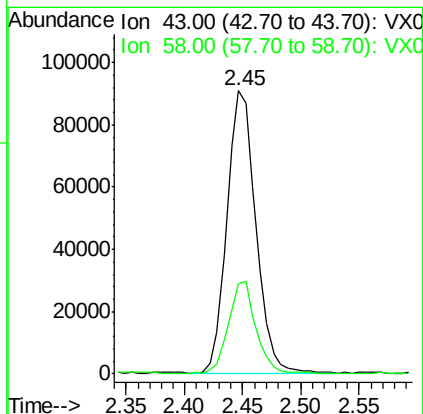
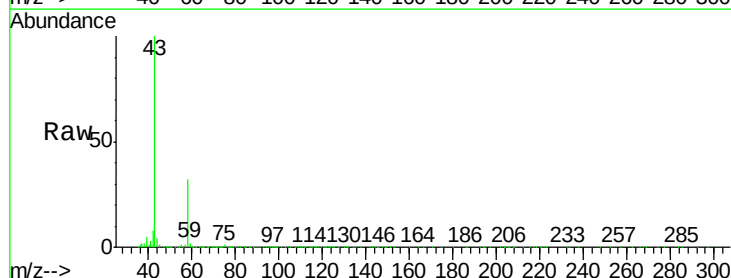
Acq: 25 Feb 2019 19:00

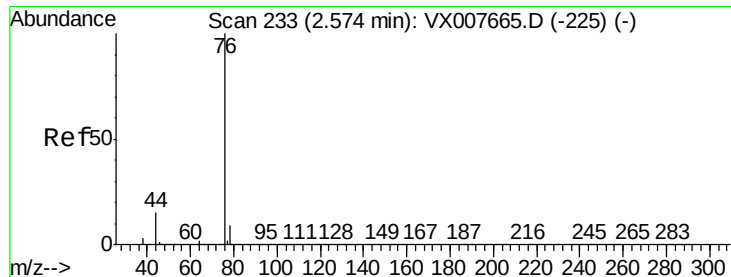
Tgt Ion: 43 Resp: 155989

Ion Ratio Lower Upper

43 100

58 31.6 24.9 37.3





#17

Carbon Disulfide

Concen: 18.628 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

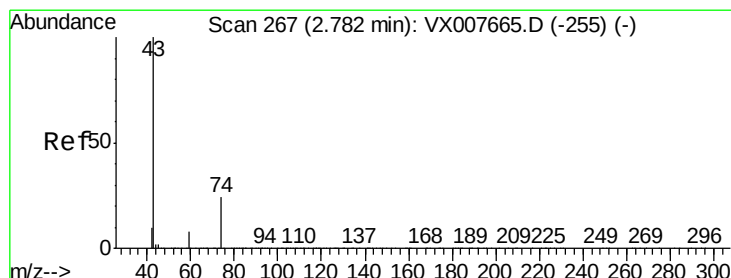
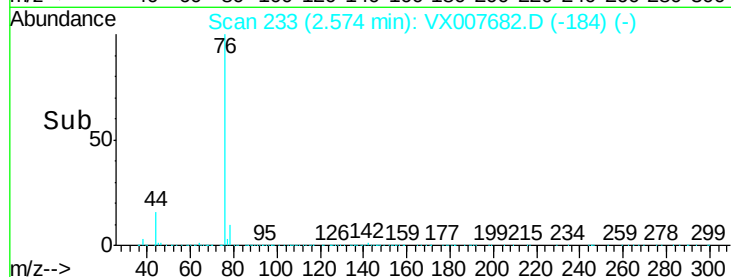
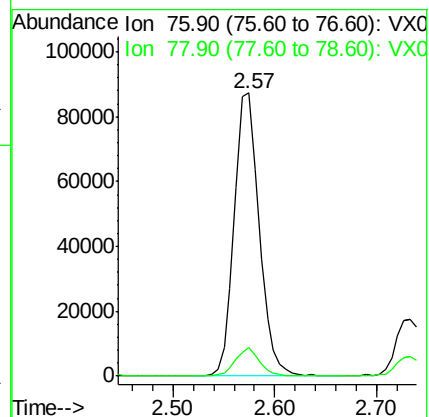
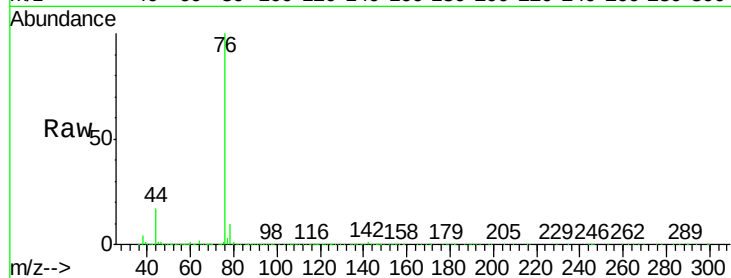
VX0225WBSD01

Tot Ion: 76 Resp: 147100

Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7



#18

Methyl Acetate

Concen: 20.462 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007682.D

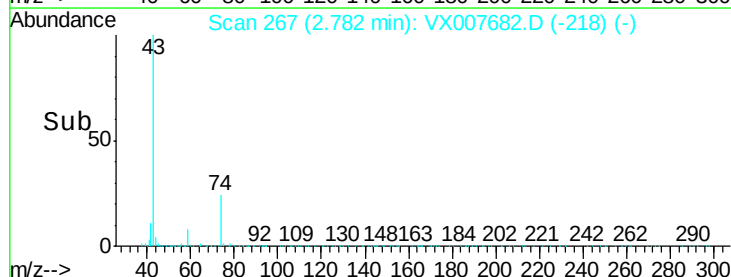
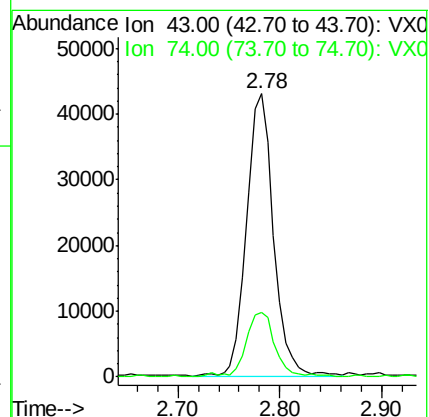
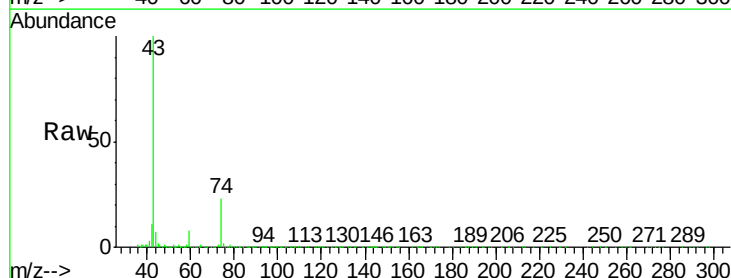
Acq: 25 Feb 2019 19:00

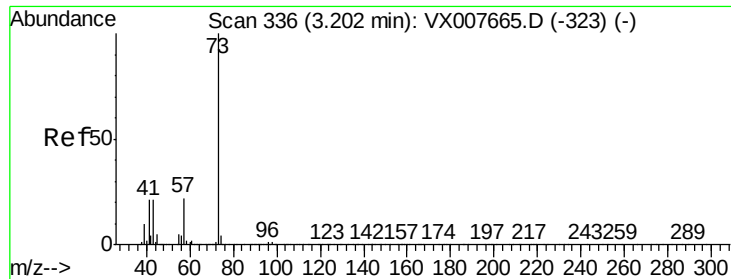
Tgt Ion: 43 Resp: 79809

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2

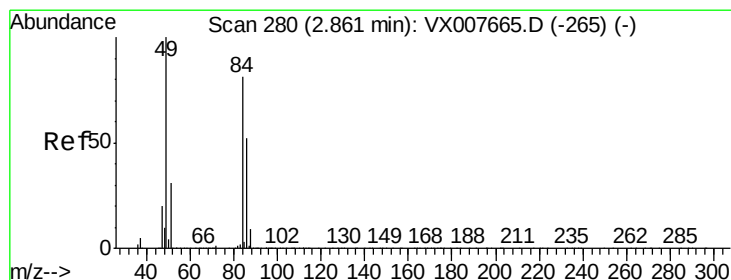
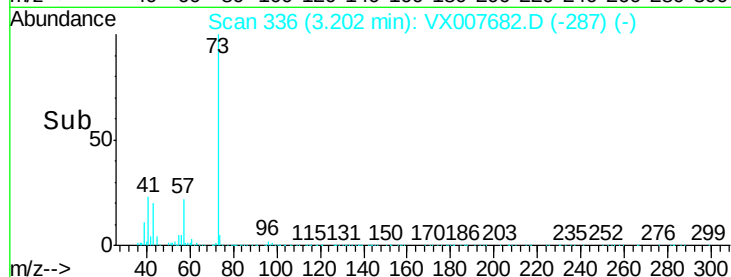
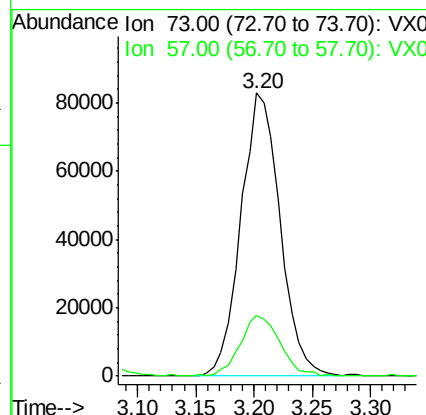
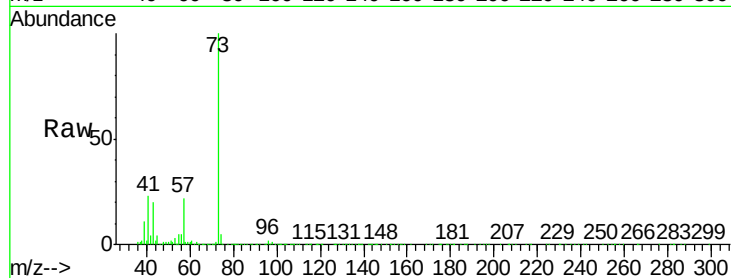




#19
Methyl tert-butyl Ether
Concen: 19.581 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

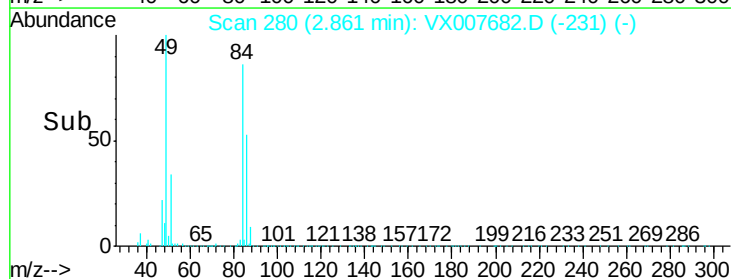
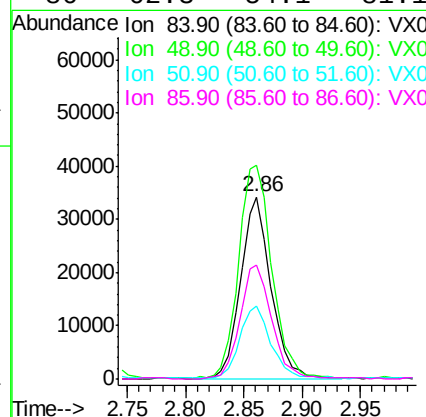
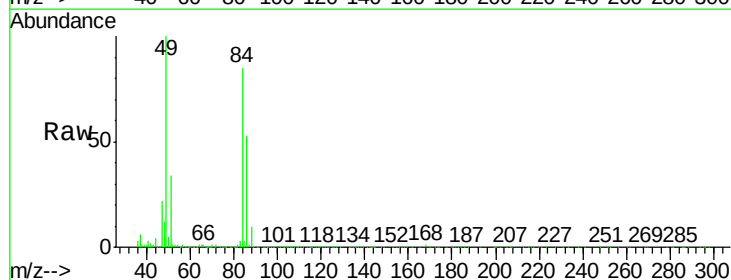
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

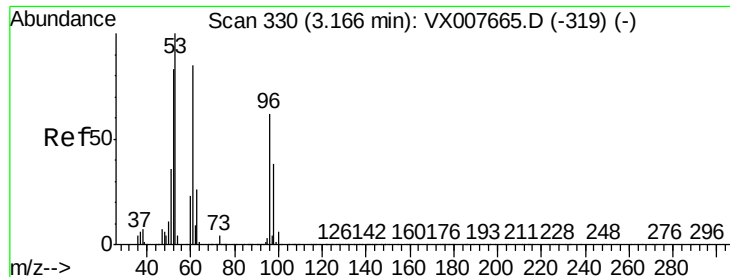
Tot Ion: 73 Resp: 193544
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 18.908 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 84 Resp: 62406
Ion Ratio Lower Upper
84 100
49 117.2 94.8 142.2
51 40.0 29.8 44.8
86 62.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.496 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

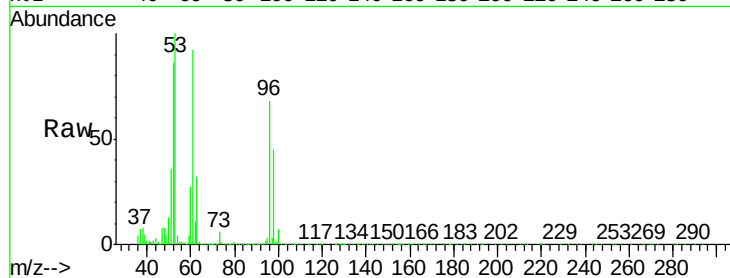
Tot Ion: 96 Resp: 60157

Ion Ratio Lower Upper

96 100

61 134.9 104.6 156.8

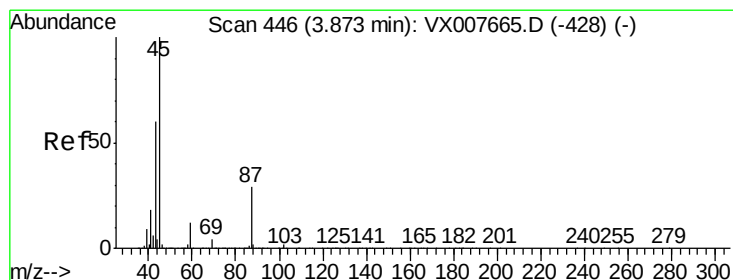
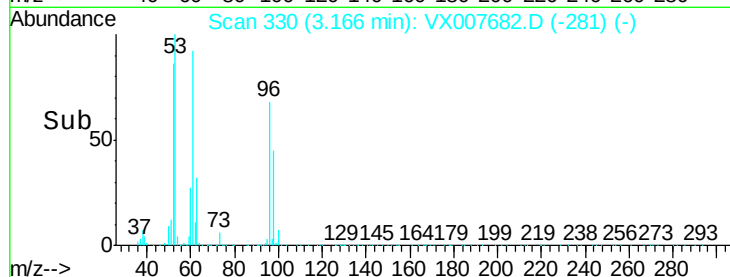
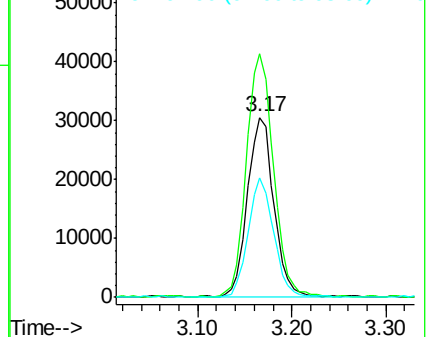
98 65.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.100 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion: 45 Resp: 208675

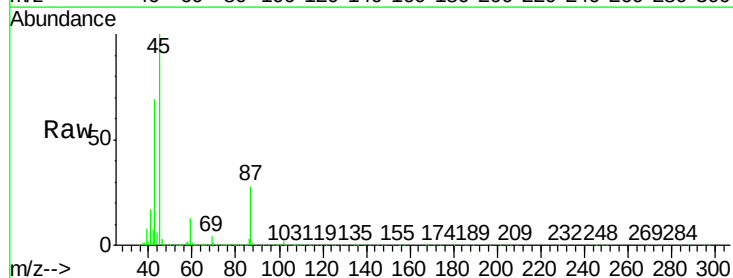
Ion Ratio Lower Upper

45 100

43 68.5 48.9 73.3

87 28.1 23.9 35.9

59 12.5 9.6 14.4

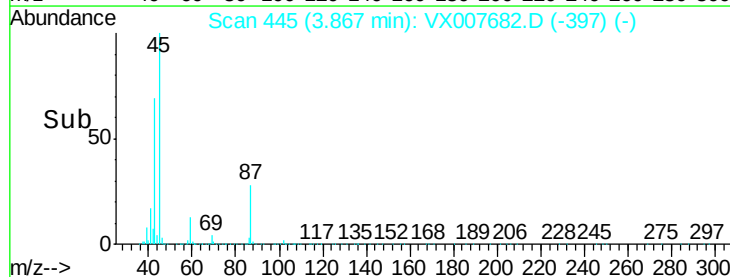
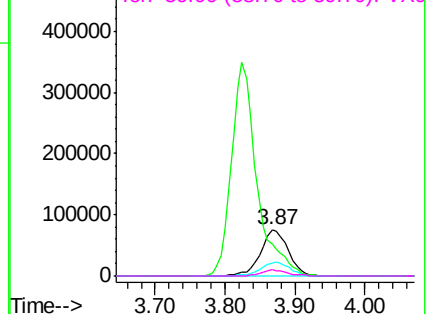


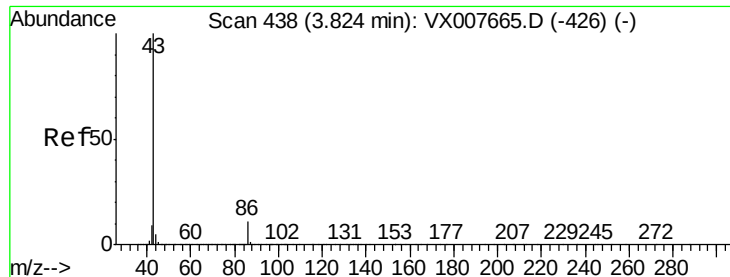
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.042 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

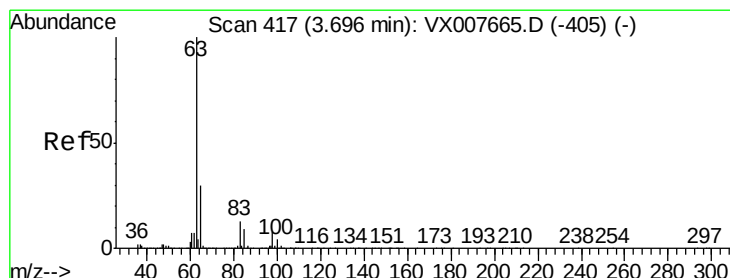
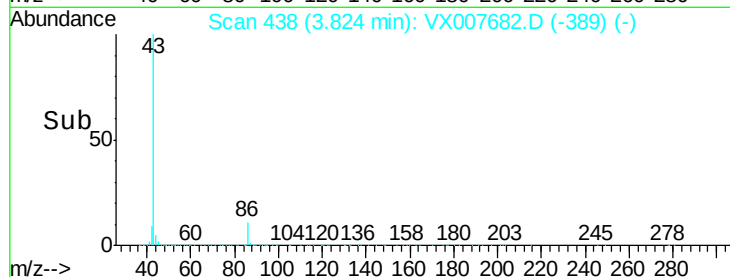
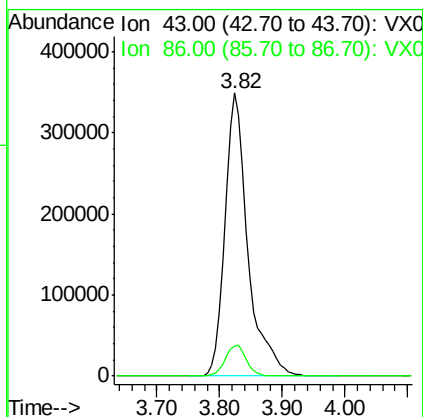
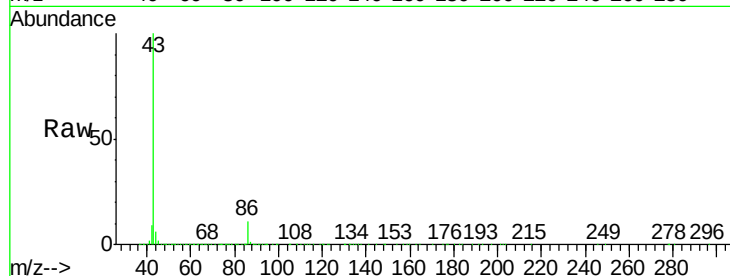
VX0225WBSD01

Tot Ion: 43 Resp: 882243

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.896 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

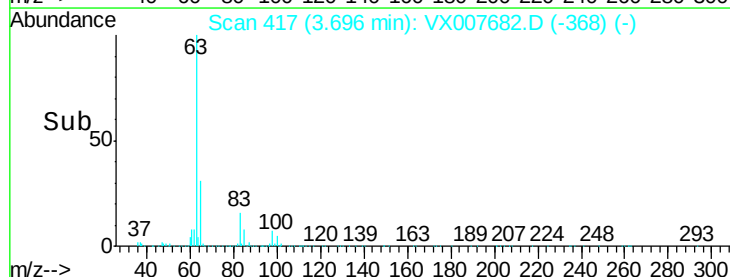
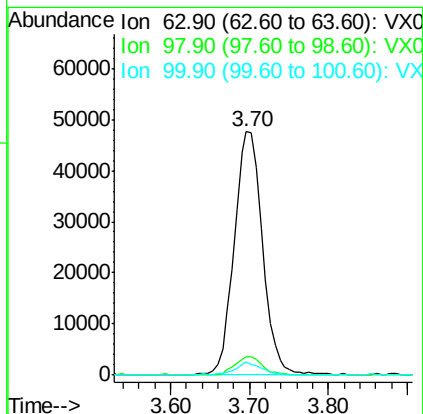
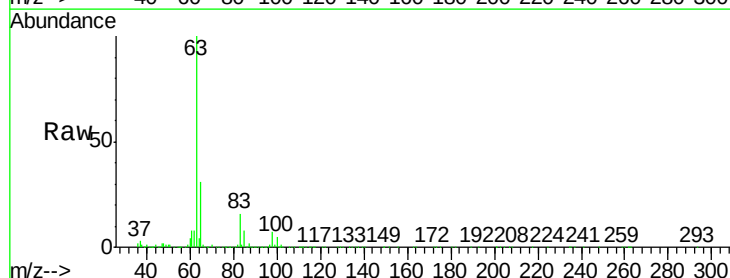
Tgt Ion: 63 Resp: 118134

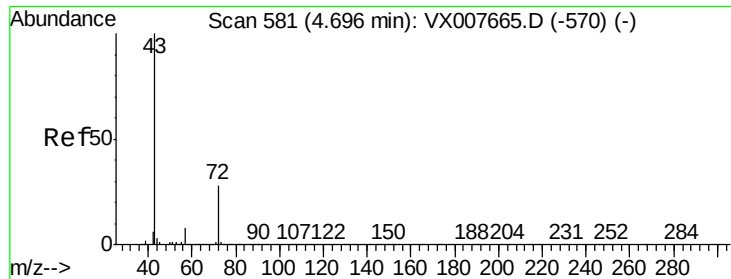
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 92.979 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

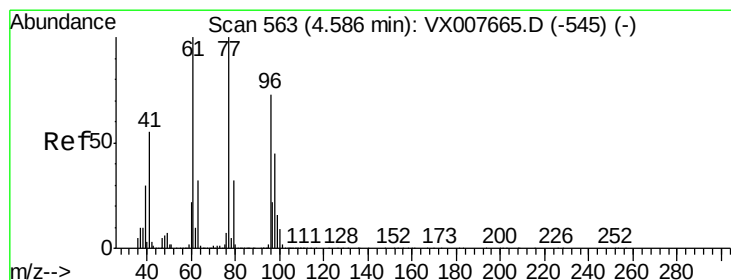
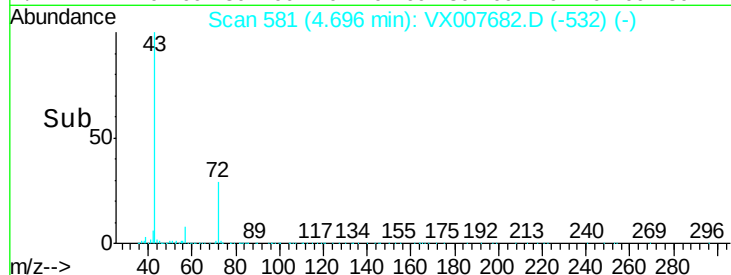
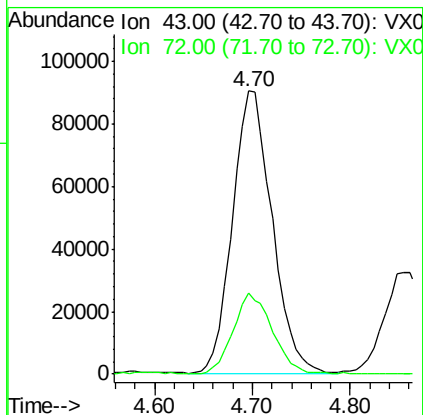
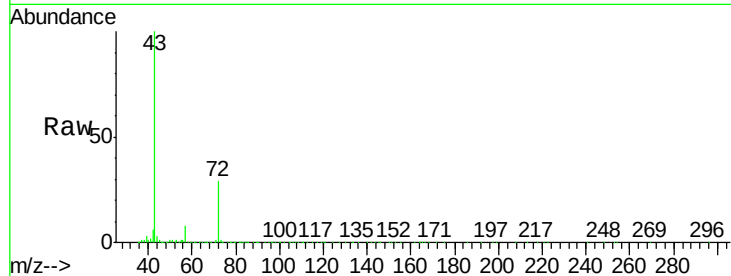
VX0225WBSD01

Tot Ion: 43 Resp: 253153

Ion Ratio Lower Upper

43 100

72 28.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 15.877 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007682.D

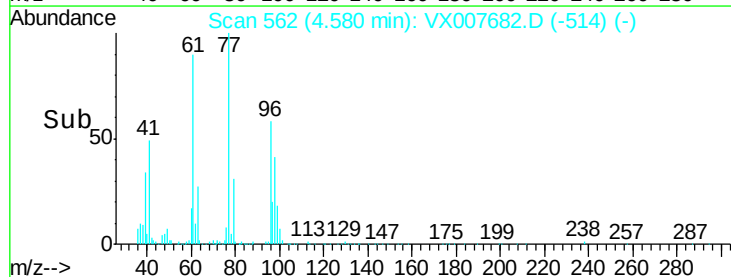
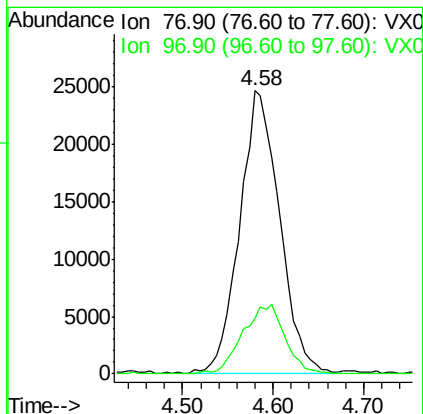
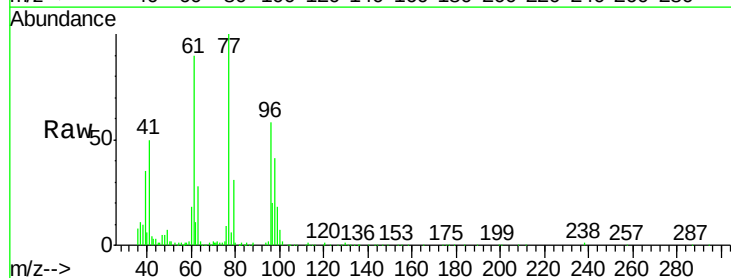
Acq: 25 Feb 2019 19:00

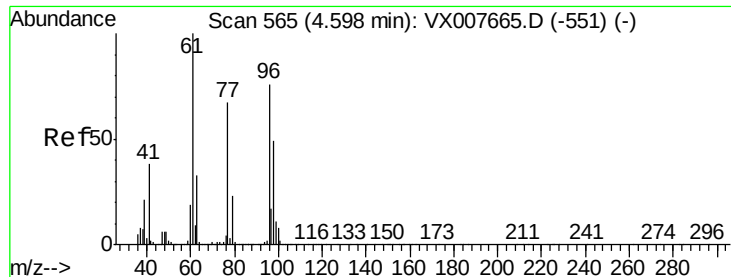
Tgt Ion: 77 Resp: 75250

Ion Ratio Lower Upper

77 100

97 26.0 12.1 36.3



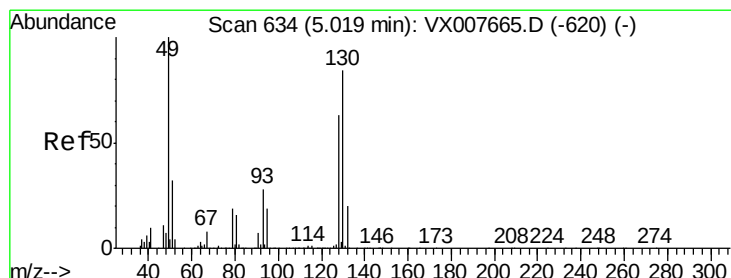
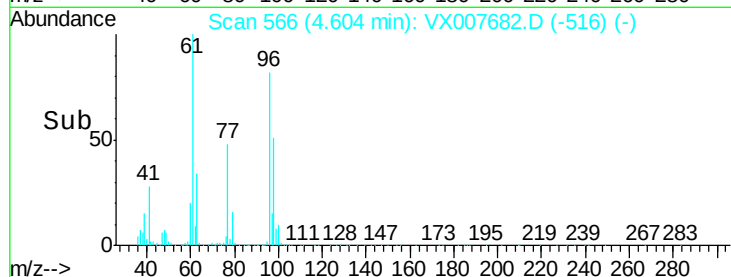
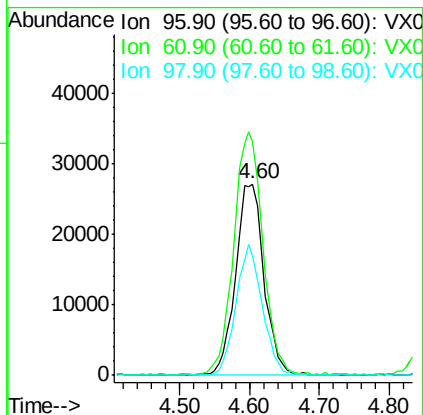
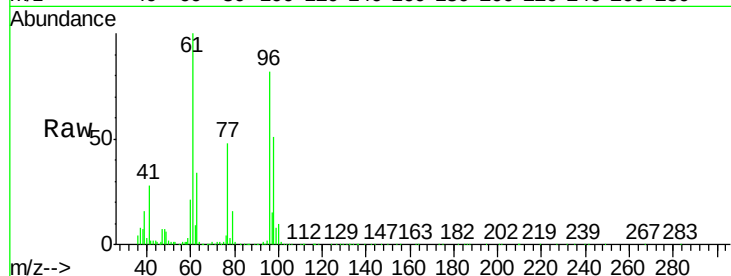


#27

cis-1,2-Dichloroethene
Concen: 19.519 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

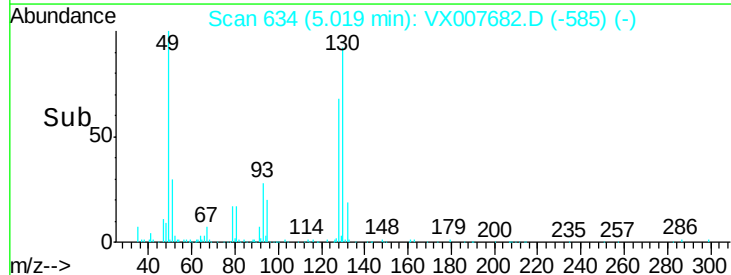
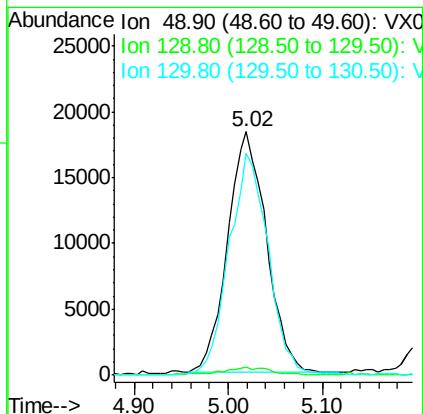
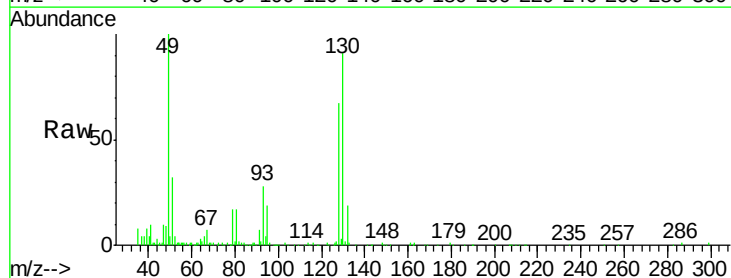
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	265.6
98	63.7	0.0	131.6

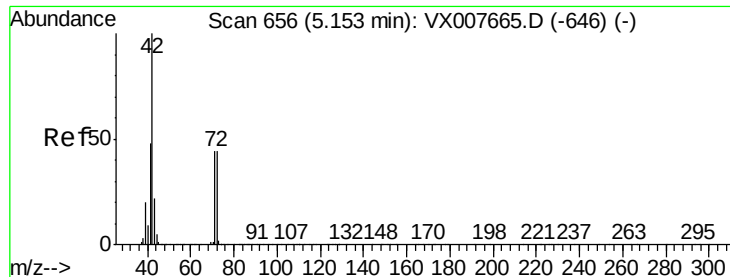


#28

Bromochloromethane
Concen: 18.179 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	4.0	0.0	5.6
130	93.4	75.6	113.4





#29

Tetrahydrofuran

Concen: 94.239 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

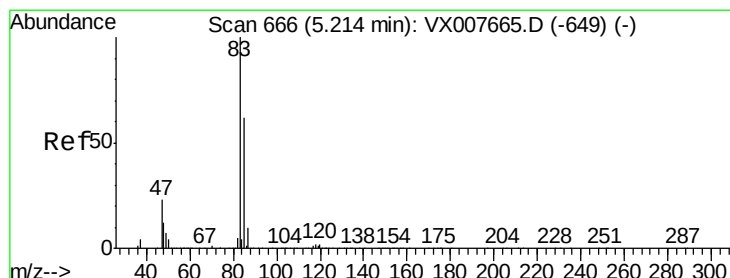
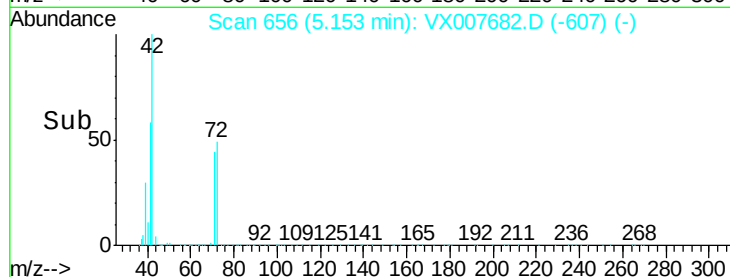
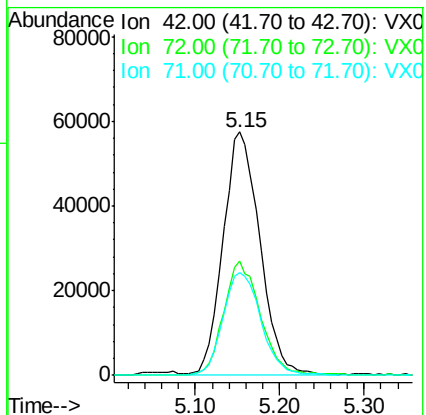
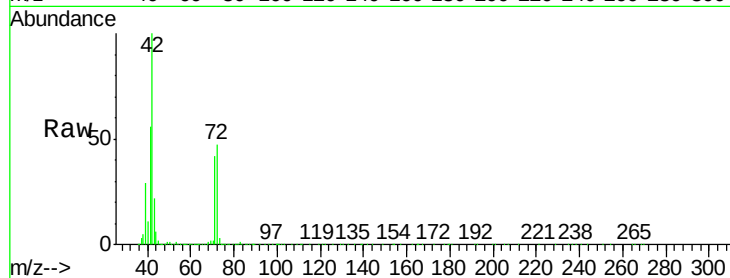
Tot Ion: 42 Resp: 169133

Ion Ratio Lower Upper

42 100

72 46.9 37.6 56.4

71 44.2 34.6 51.8



#30

Chloroform

Concen: 19.084 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007682.D

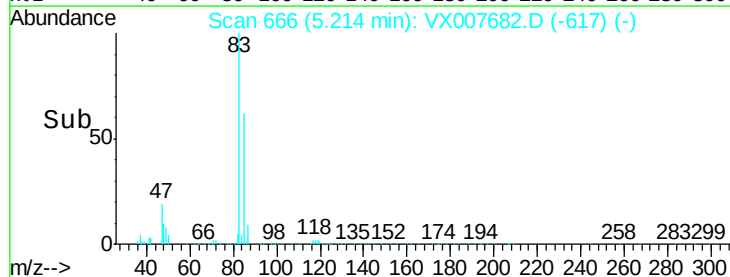
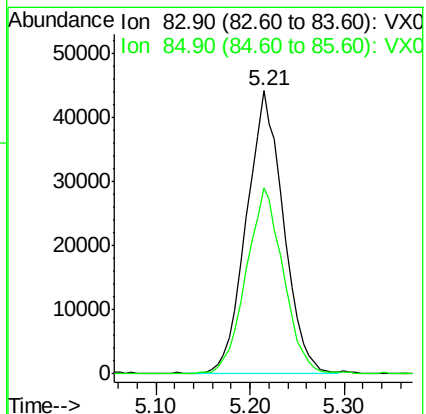
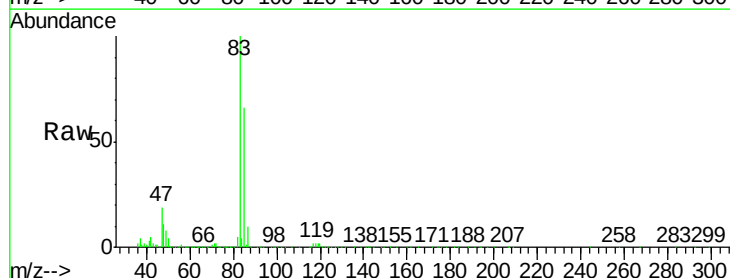
Acq: 25 Feb 2019 19:00

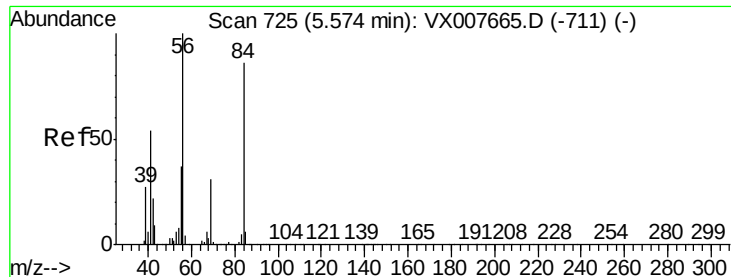
Tgt Ion: 83 Resp: 121378

Ion Ratio Lower Upper

83 100

85 65.6 51.6 77.4

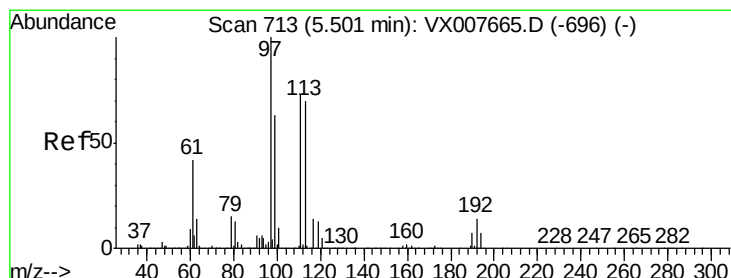
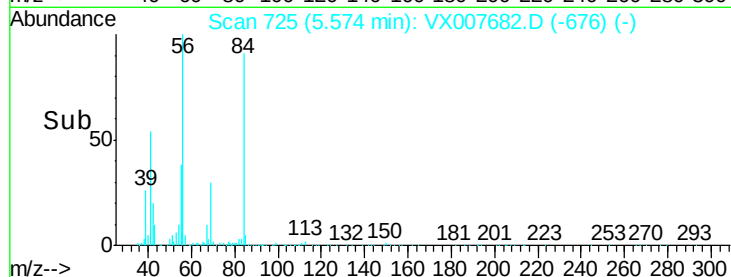
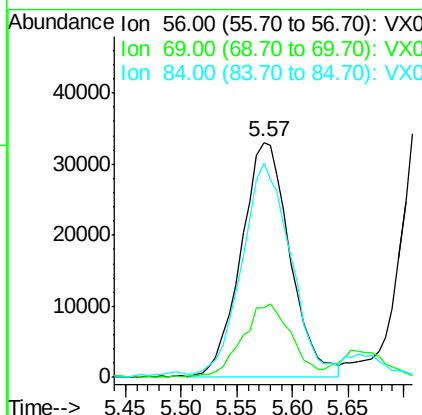
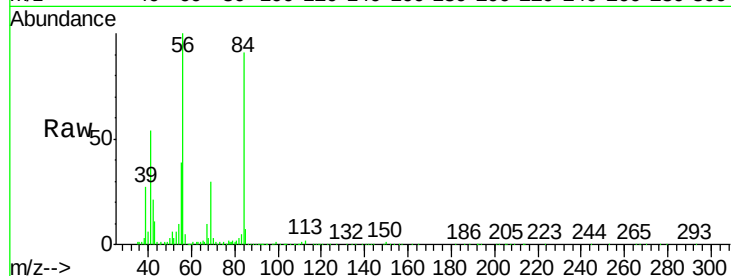




#31
Cyclohexane
Concen: 17.908 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

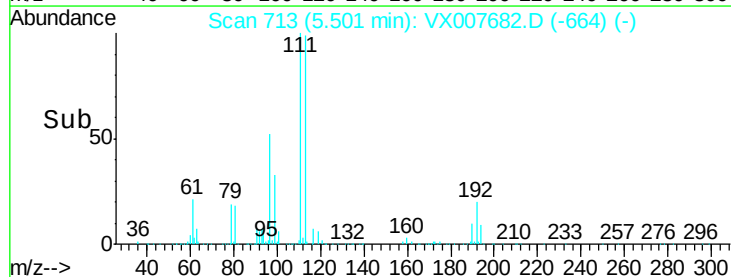
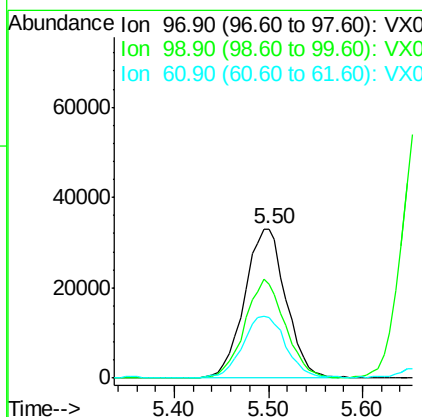
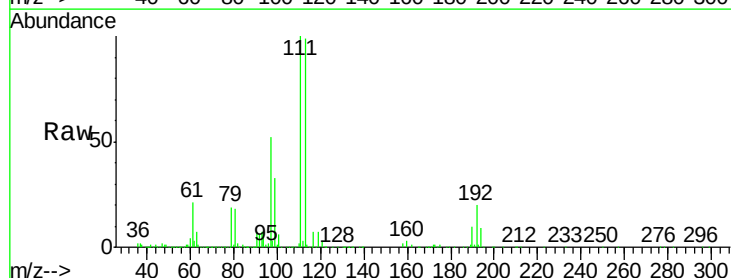
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

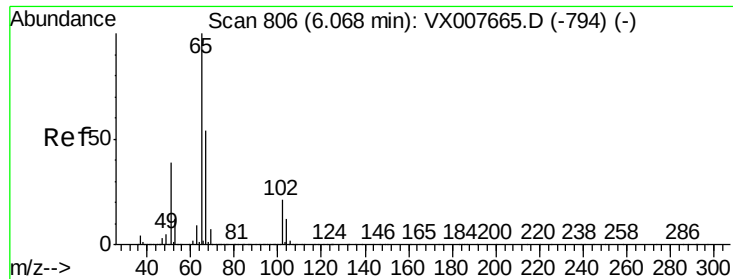
Tot Ion: 56 Resp: 100017
Ion Ratio Lower Upper
56 100
69 29.0 23.0 34.6
84 90.3 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.179 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 97 Resp: 100879
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 43.9 32.7 49.1

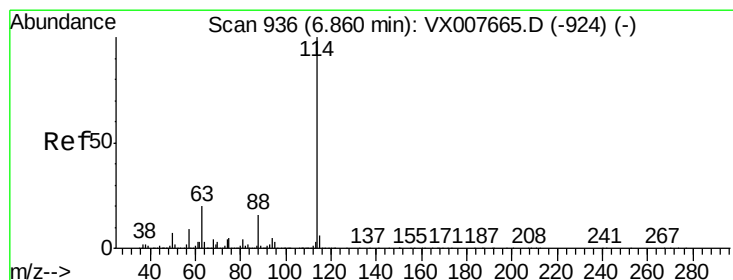
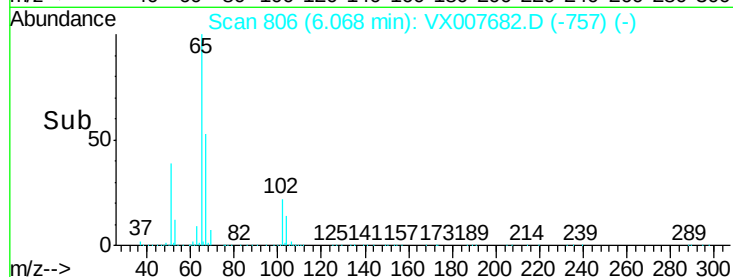
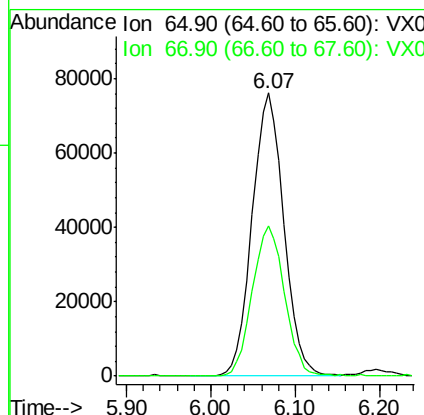
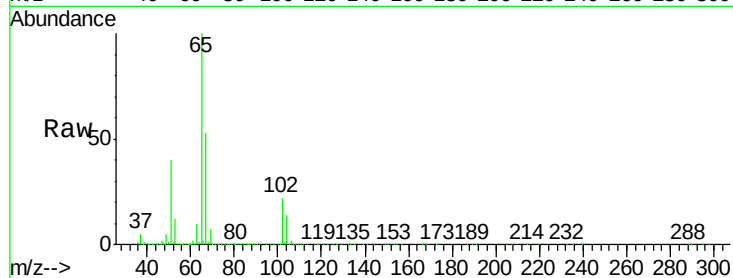




#33
 1,2-Dichloroethane-d4
 Concen: 48.319 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

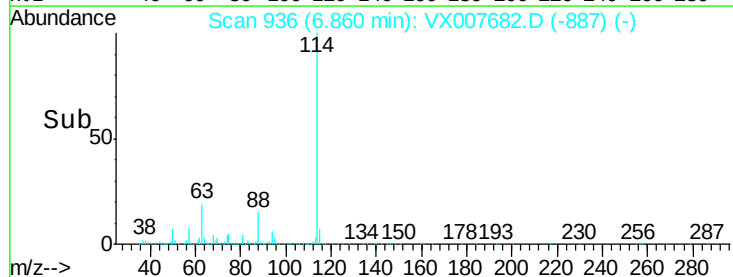
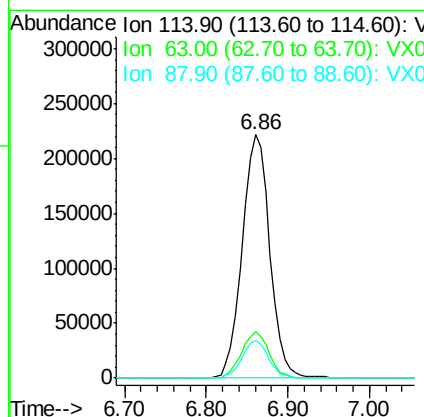
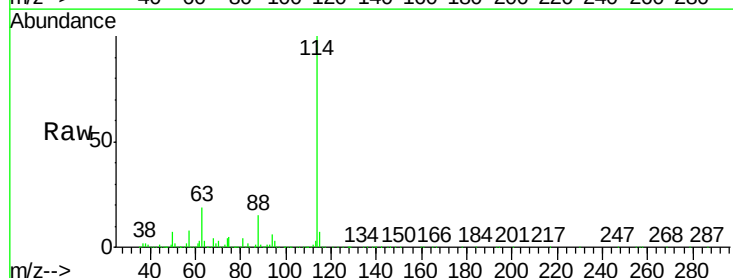
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

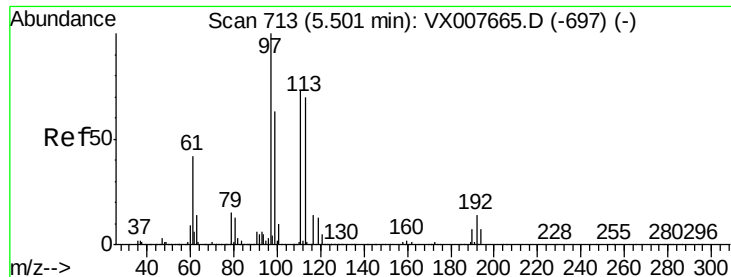
Tot Ion: 65 Resp: 194211
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion: 114 Resp: 519115
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.6
 88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.537 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

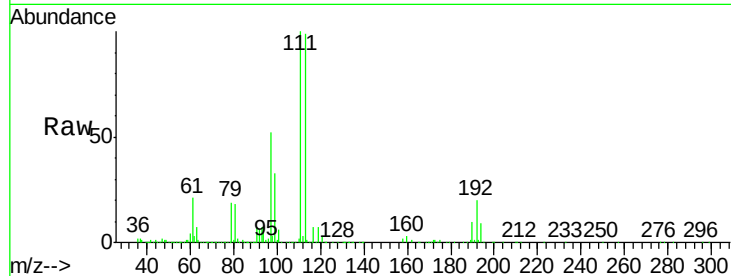
Tot Ion:113 Resp: 175371

Ion Ratio Lower Upper

113 100

111 100.3 81.8 122.8

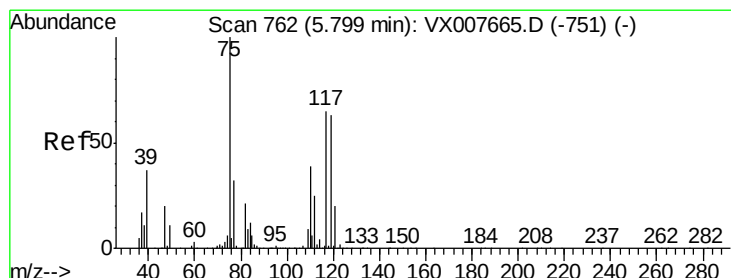
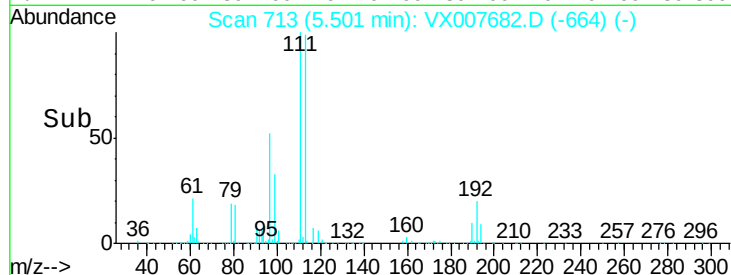
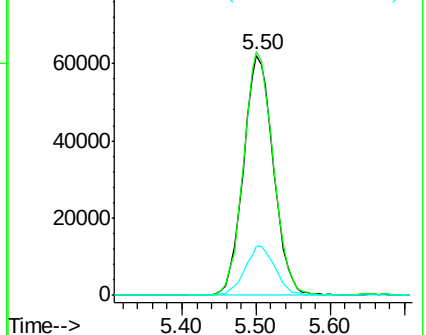
192 20.7 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.514 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

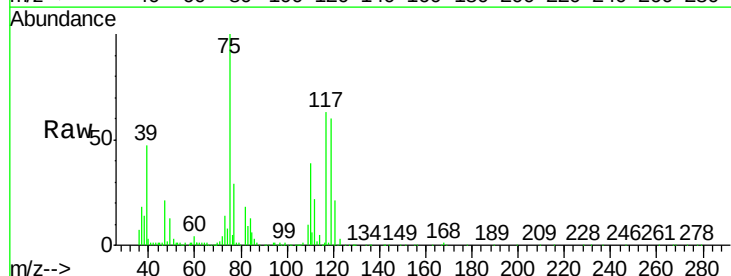
Tgt Ion: 75 Resp: 86405

Ion Ratio Lower Upper

75 100

110 39.5 20.0 59.9

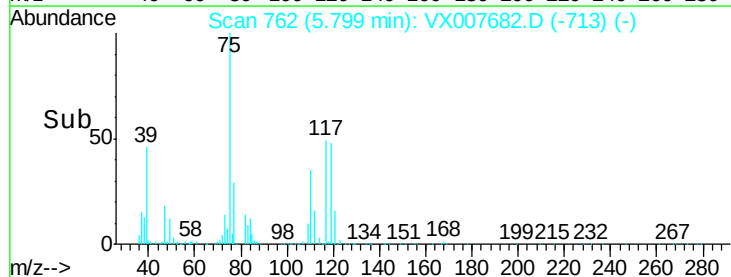
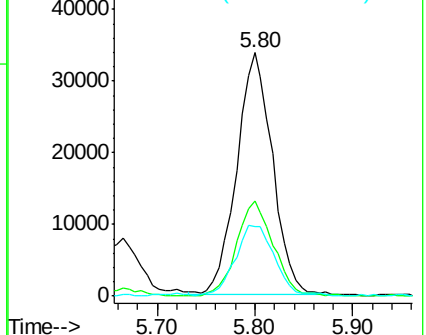
77 31.6 24.7 37.1

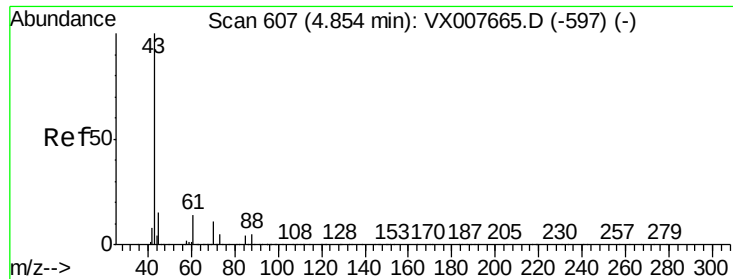


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

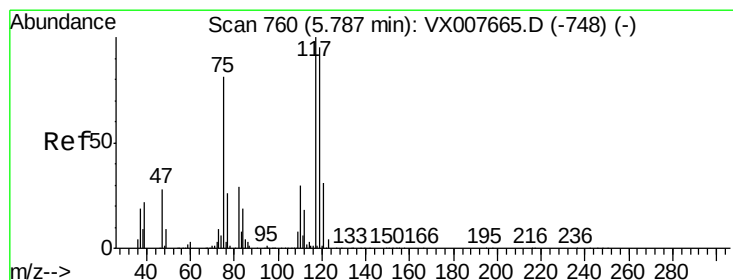
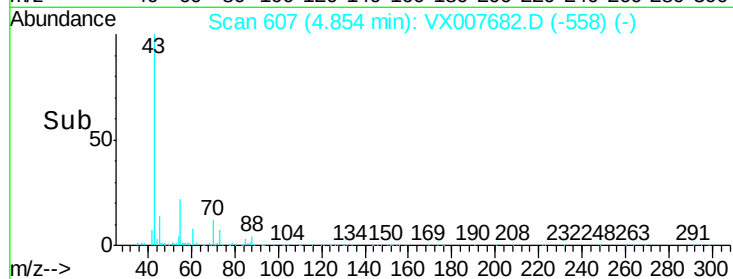
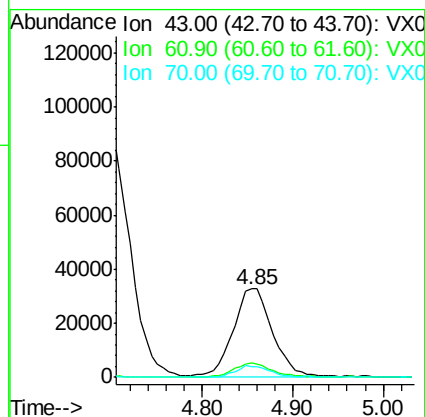
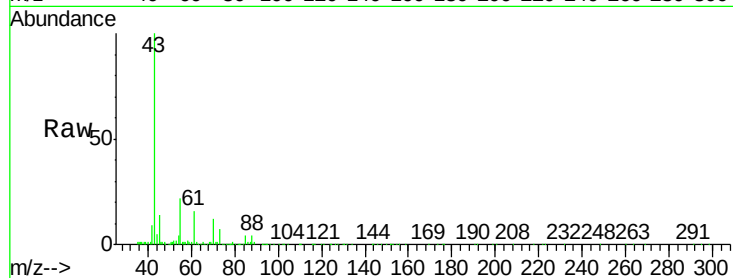




#37
Ethyl Acetate
Concen: 18.629 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

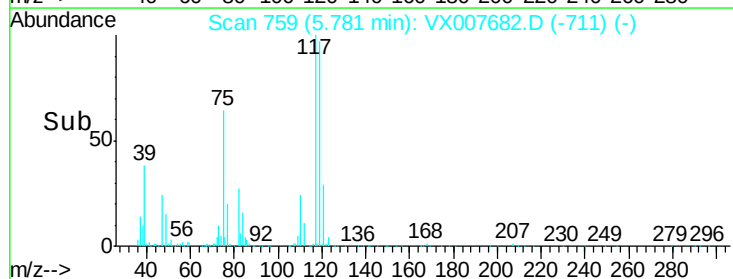
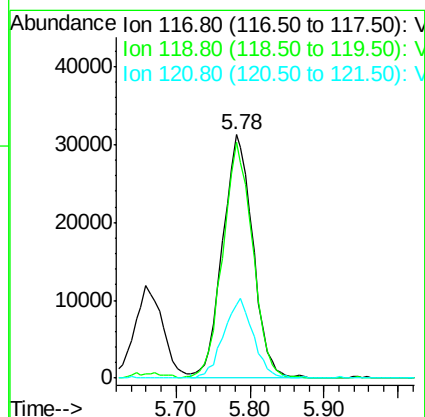
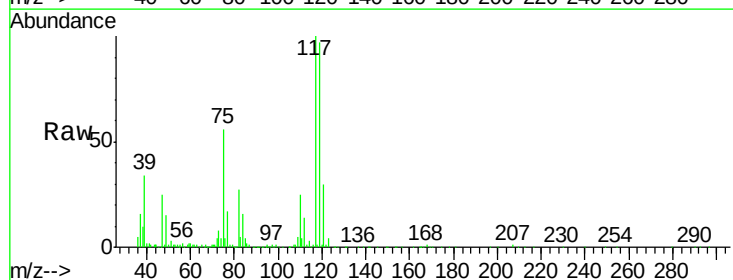
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

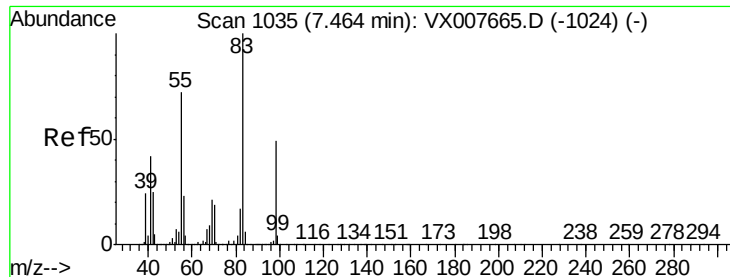
Tot Ion	43	Resp	96577
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.3	16.9
70	12.3	8.6	13.0



#38
Carbon Tetrachloride
Concen: 18.881 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	117	Resp	88517
Ion Ratio	Lower	Upper	
117	100		
119	96.6	75.3	112.9
121	29.9	25.0	37.4

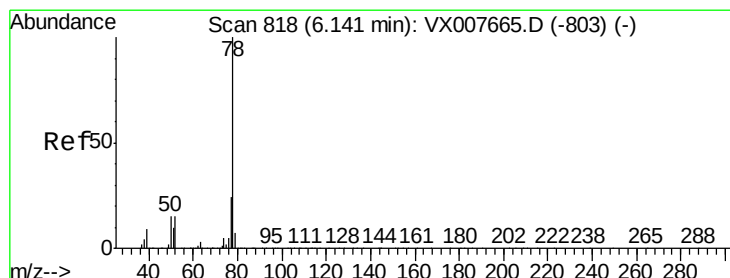
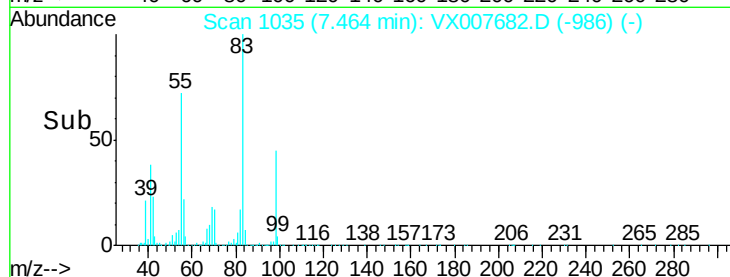
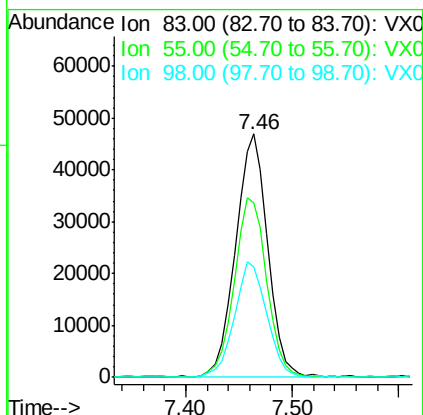
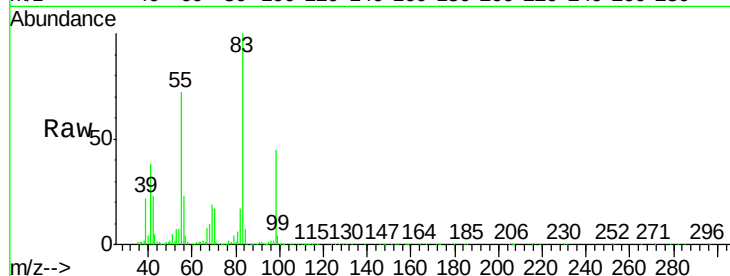




#39
Methylvlcyclohexane
Concen: 16.688 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

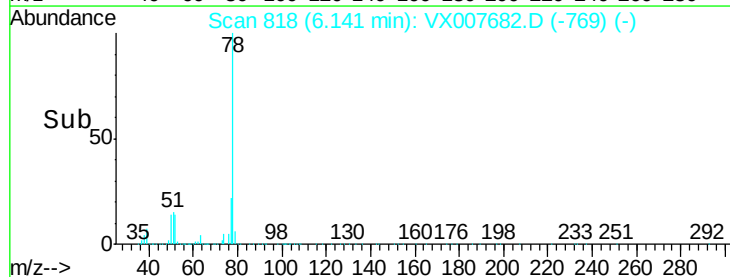
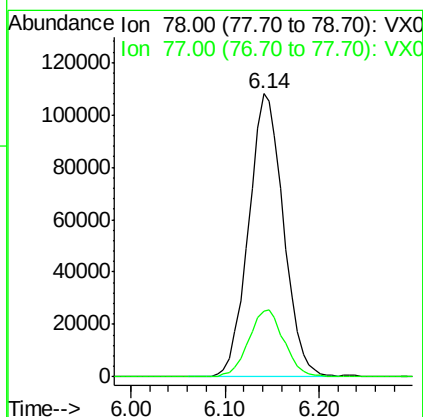
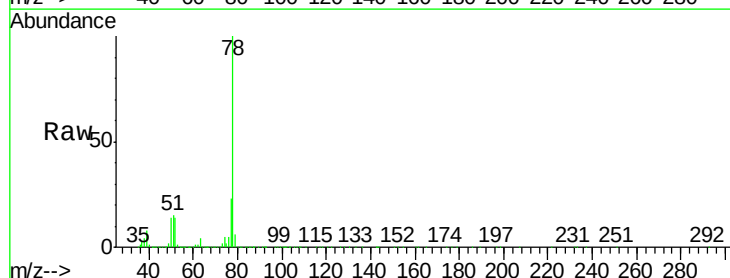
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

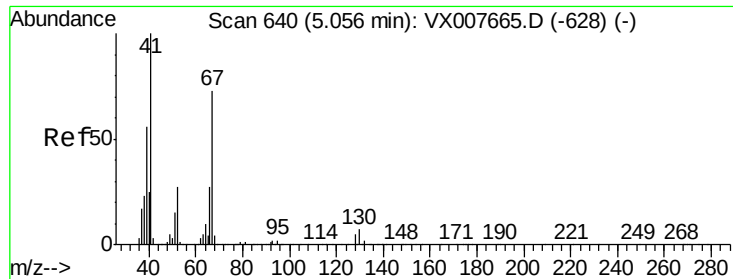
Tot Ion	83.00	Resp:	98433
Ion	Ratio	Lower	Upper
83	100		
55	71.7	56.2	84.2
98	45.5	36.8	55.2



#40
Benzene
Concen: 19.397 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	78.00	Resp:	279455
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9





#41

Methacrylonitrile

Concen: 18.587 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 41 Resp: 51456

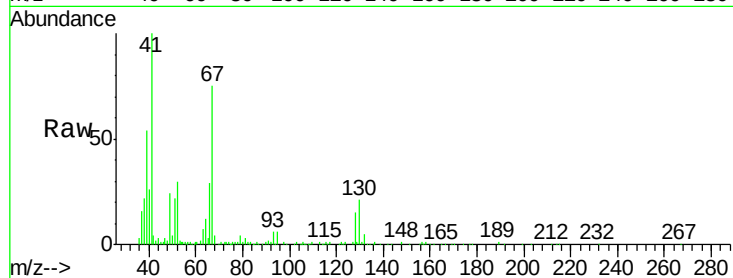
Ion Ratio Lower Upper

41 100

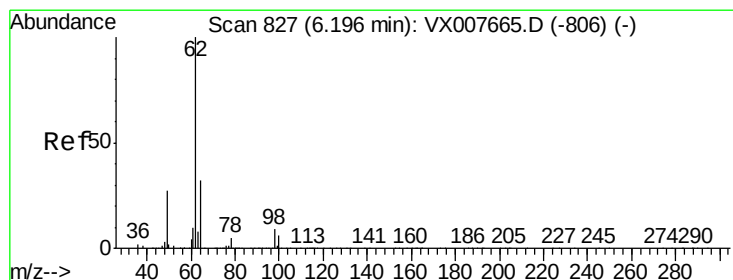
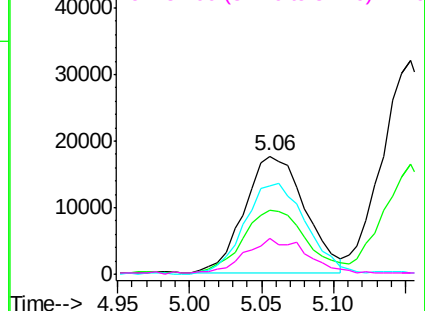
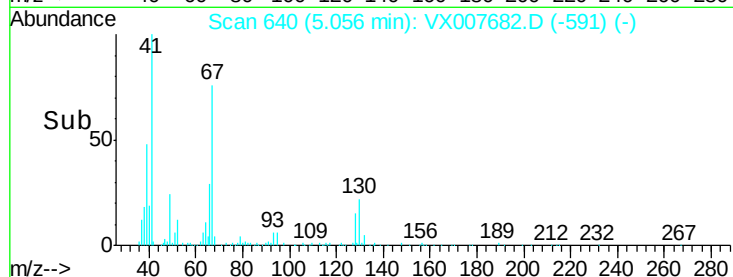
39 55.7 44.5 66.7

67 79.9 60.4 90.6

52 31.7 24.1 36.1



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: 19.103 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007682.D

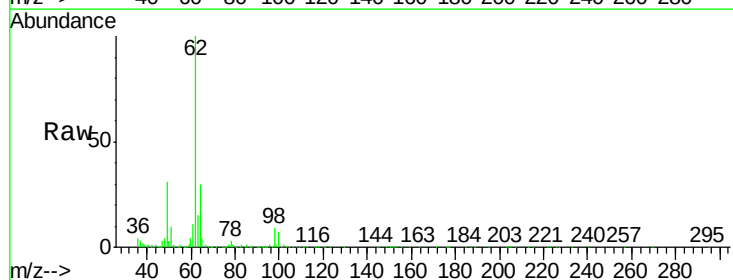
Acq: 25 Feb 2019 19:00

Tgt Ion: 62 Resp: 92503

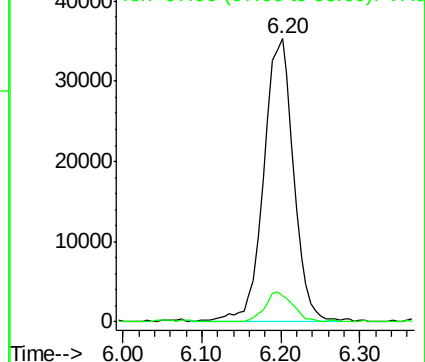
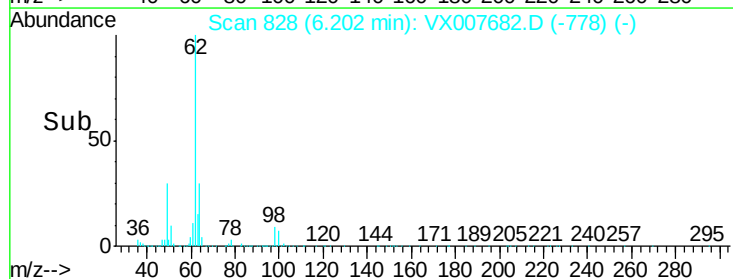
Ion Ratio Lower Upper

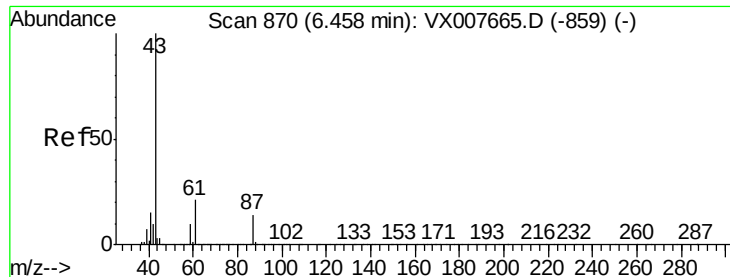
62 100

98 10.2 0.0 19.0



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





#43

Isopropyl Acetate

Concen: 18.346 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

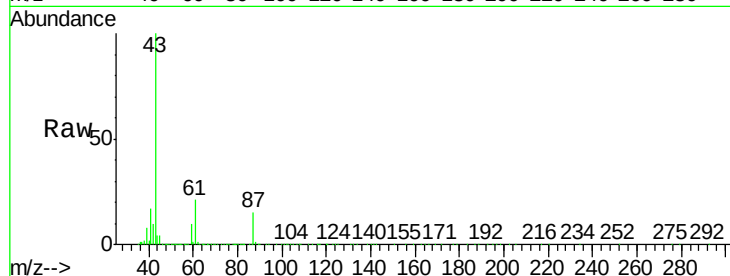
Tot Ion: 43 Resp: 146385

Ion Ratio Lower Upper

43 100

61 21.1 16.1 24.1

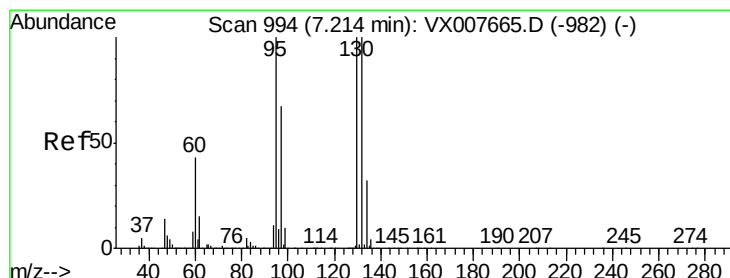
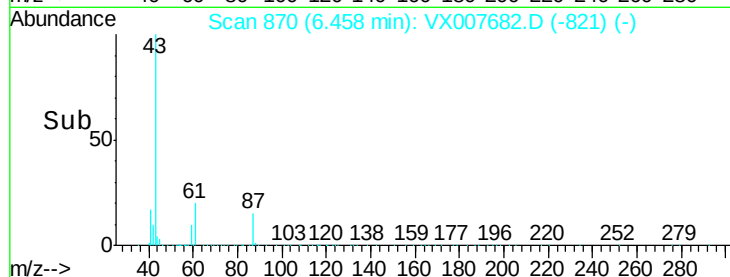
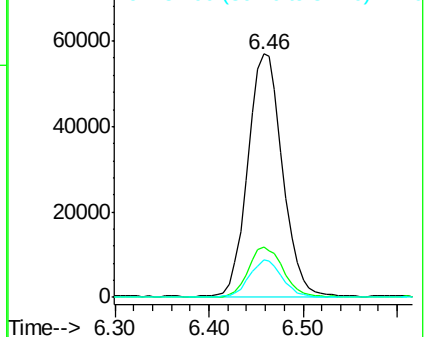
87 14.9 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.975 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007682.D

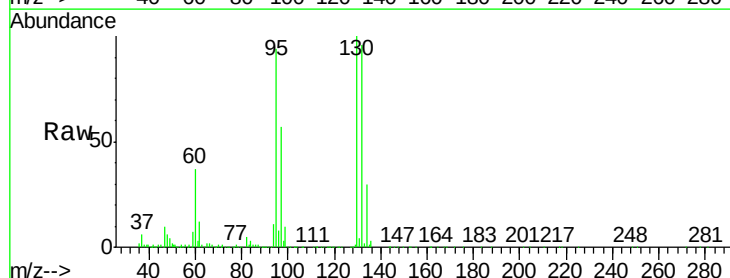
Acq: 25 Feb 2019 19:00

Tgt Ion:130 Resp: 79164

Ion Ratio Lower Upper

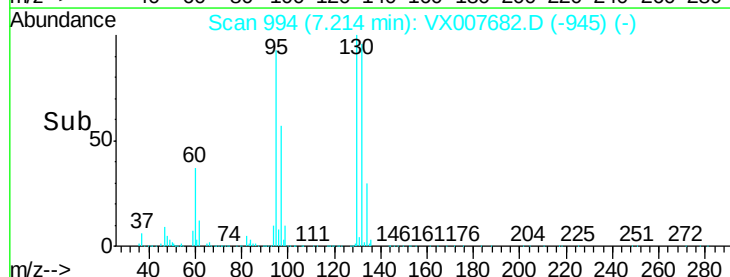
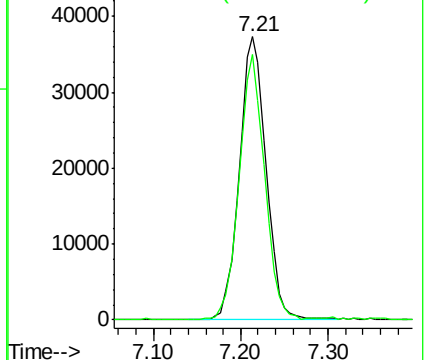
130 100

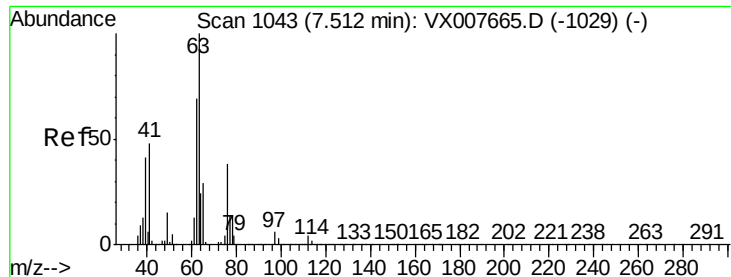
95 93.6 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.651 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

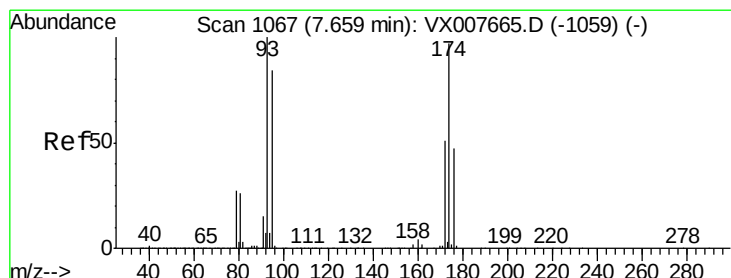
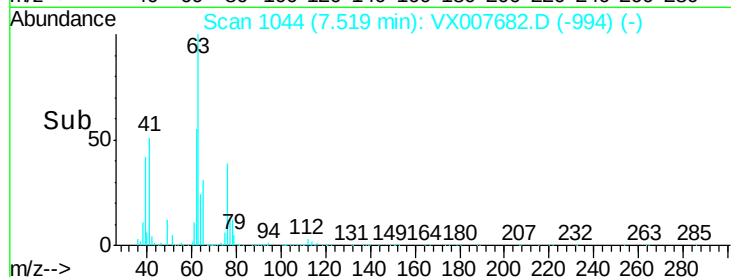
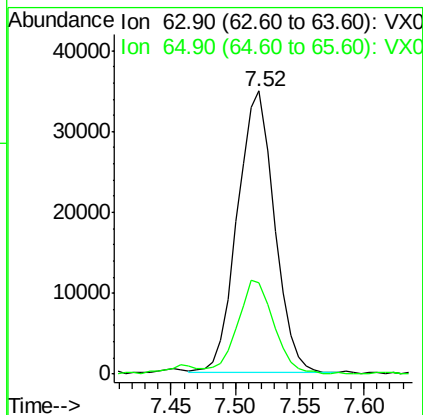
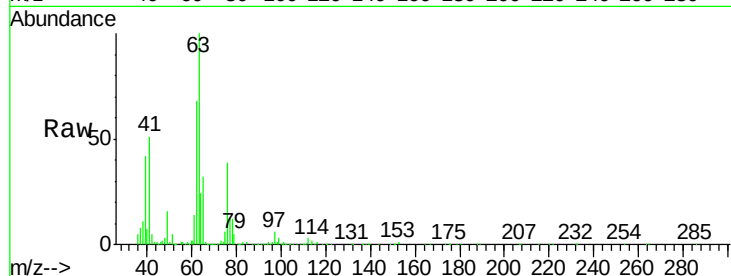
VX0225WBSD01

Tot Ion: 63 Resp: 69605

Ion Ratio Lower Upper

63 100

65 32.1 24.2 36.2



#46

Dibromomethane

Concen: 18.797 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

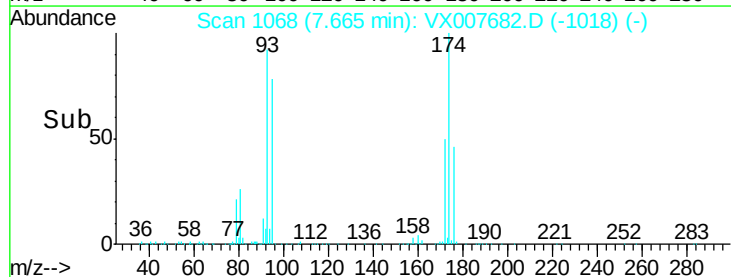
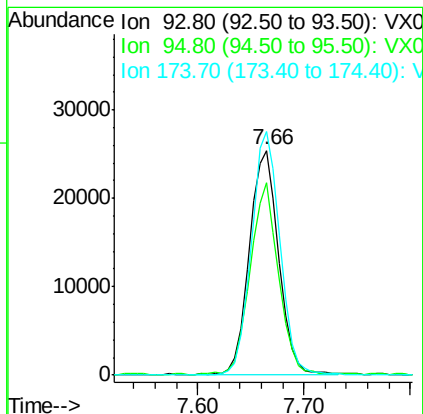
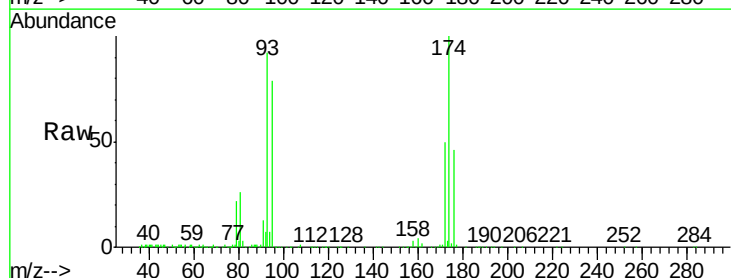
Tgt Ion: 93 Resp: 48938

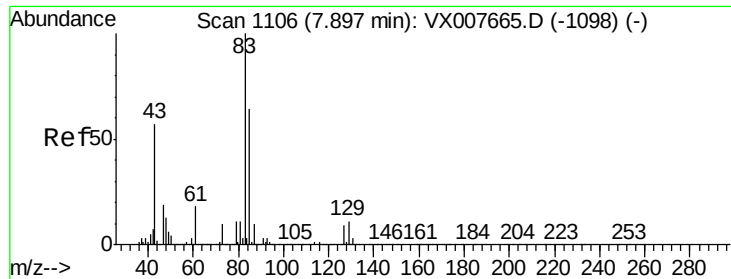
Ion Ratio Lower Upper

93 100

95 82.0 67.6 101.4

174 106.8 94.2 141.4





#47

Bromodichloromethane

Concen: 18.314 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

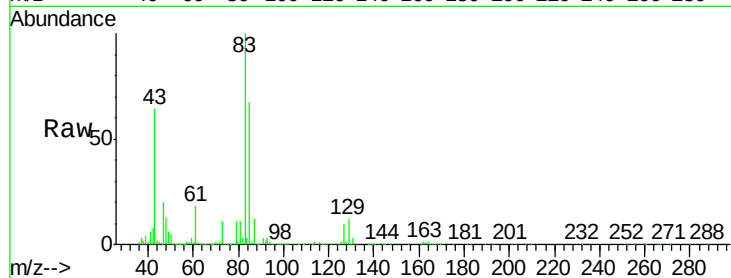
Tot Ion: 83 Resp: 82628

Ion Ratio Lower Upper

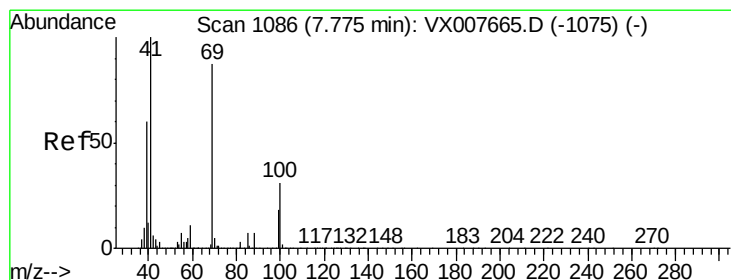
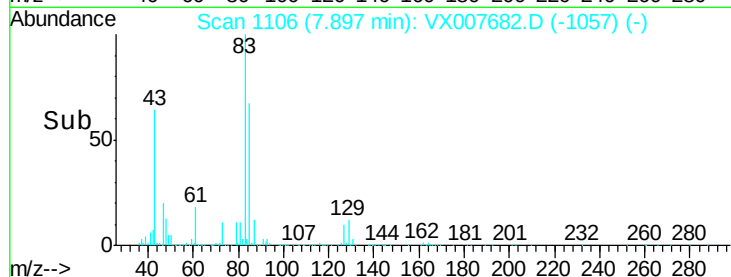
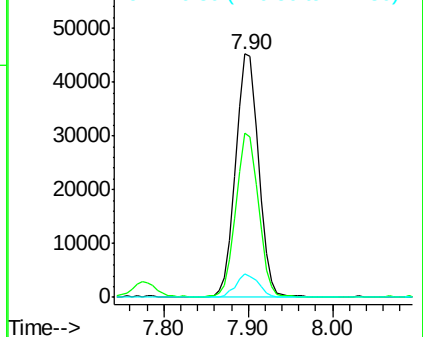
83 100

85 67.2 51.4 77.0

127 9.8 8.1 12.1



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: 18.186 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

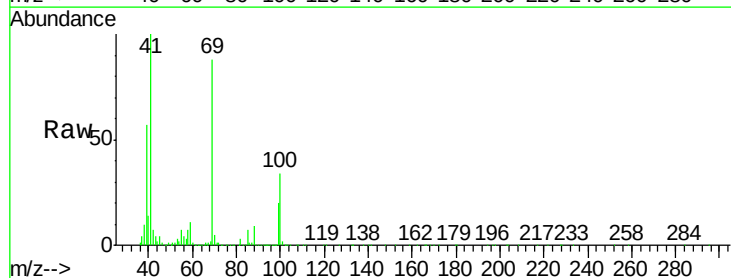
Tgt Ion: 41 Resp: 76061

Ion Ratio Lower Upper

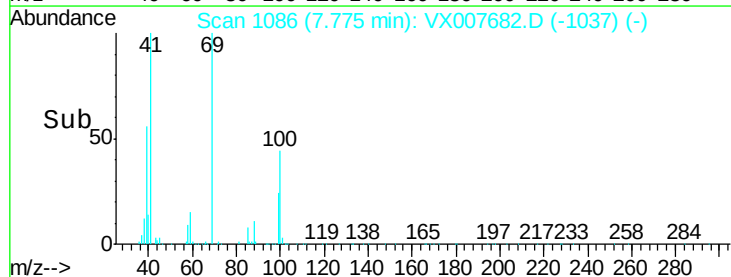
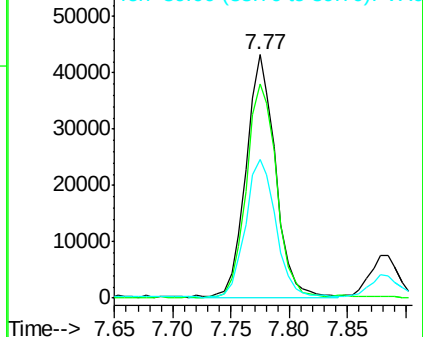
41 100

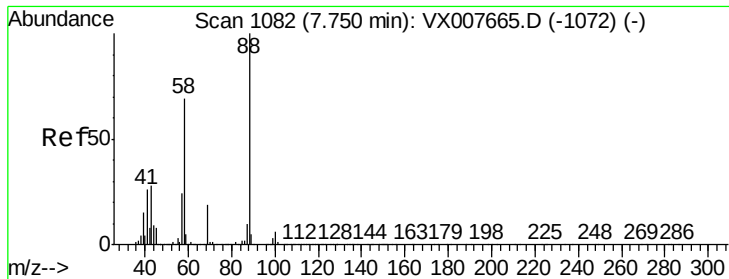
69 89.4 70.2 105.4

39 58.7 47.4 71.0



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

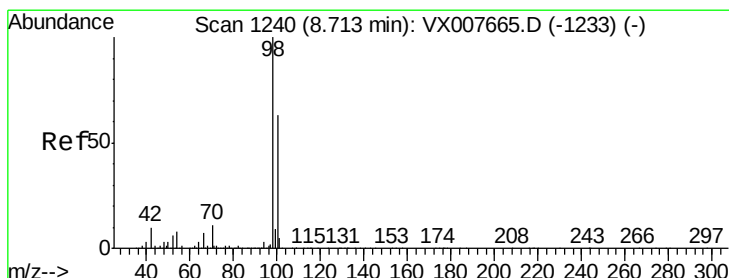
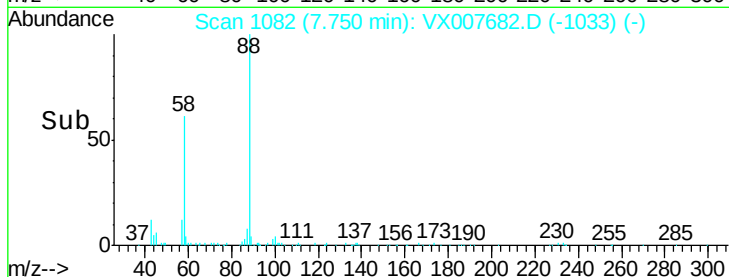
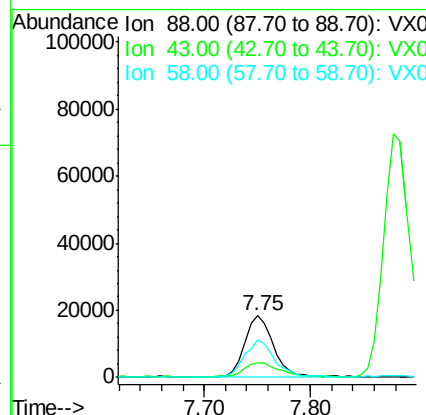
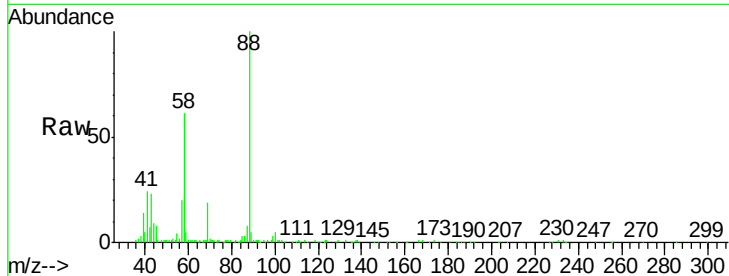




#49
1,4-Dioxane
Concen: 384.343 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

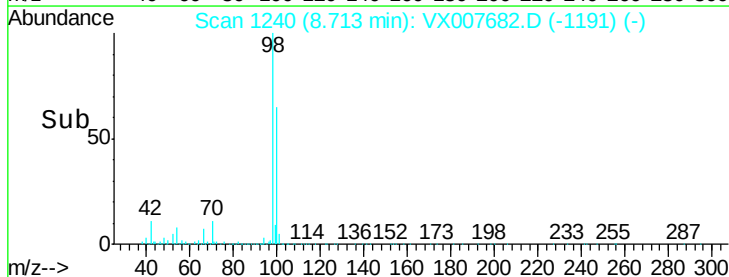
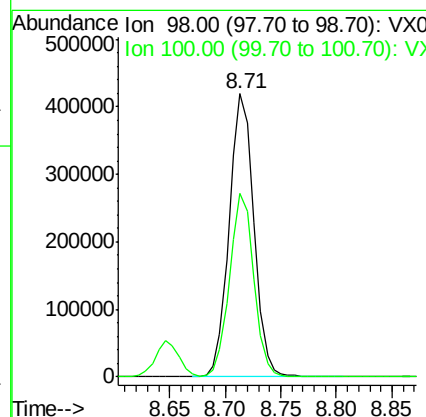
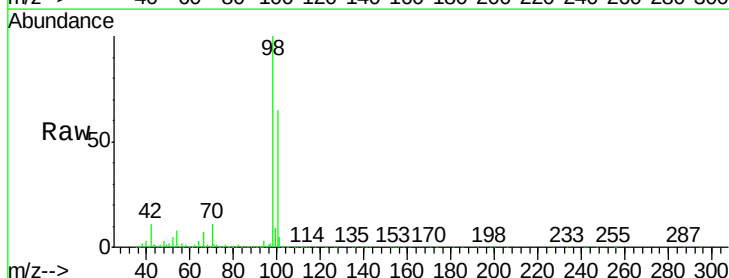
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

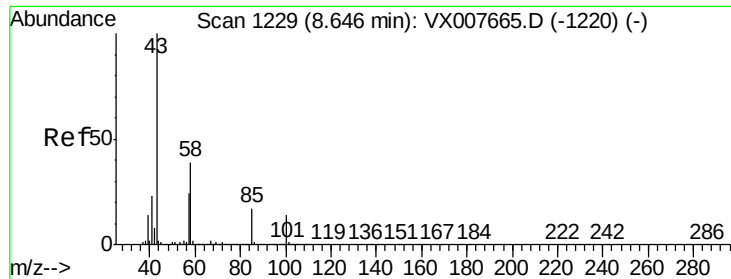
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.2	36.4
58	65.7	53.0	79.4



#50
Toluene-d8
Concen: 48.509 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4

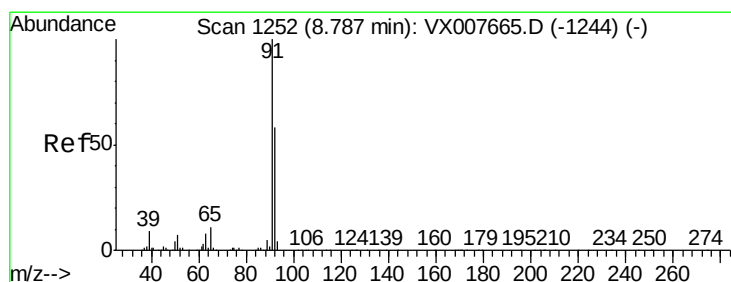
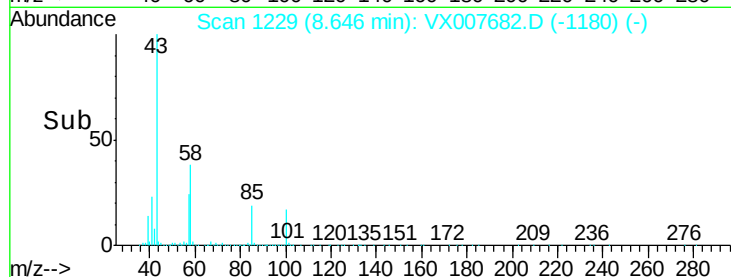
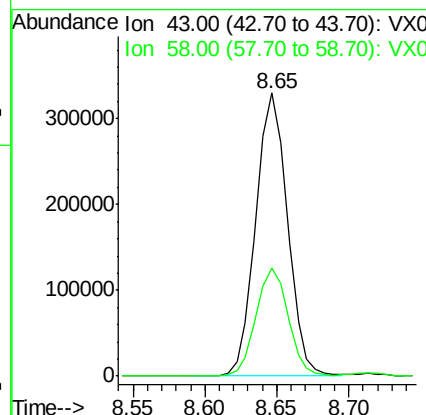
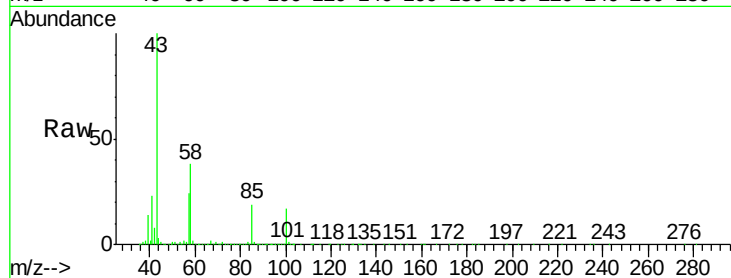




#51
 4-Methyl-2-Pentanone
 Concen: 93.942 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

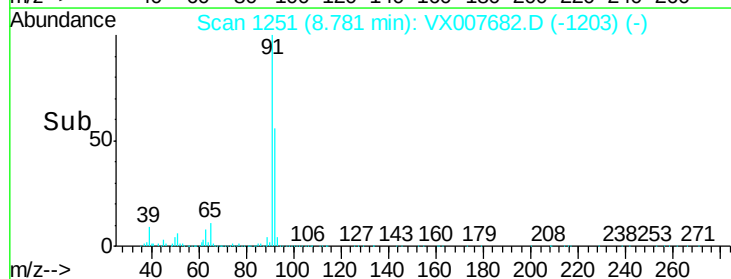
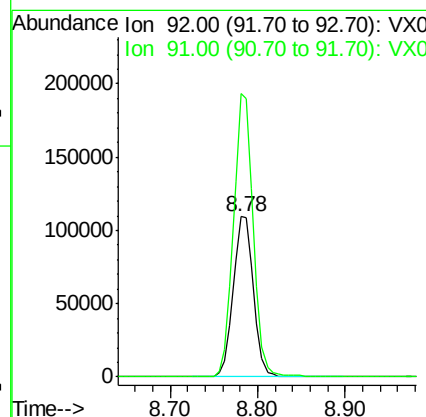
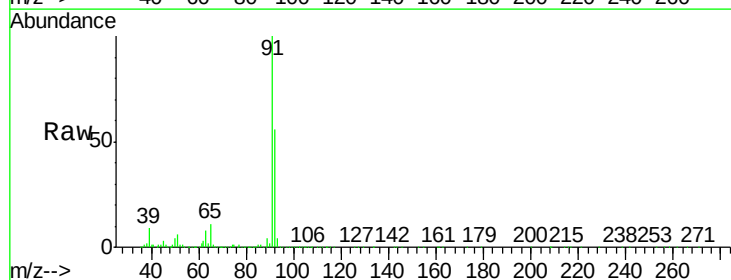
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

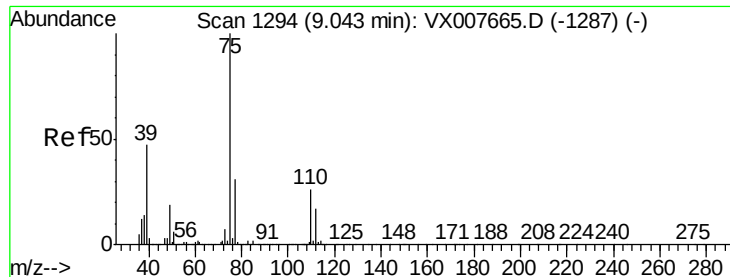
Tot Ion: 43 Resp: 501738
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.2 46.8



#52
 Toluene
 Concen: 19.337 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion: 92 Resp: 175672
 Ion Ratio Lower Upper
 92 100
 91 172.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 17.391 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

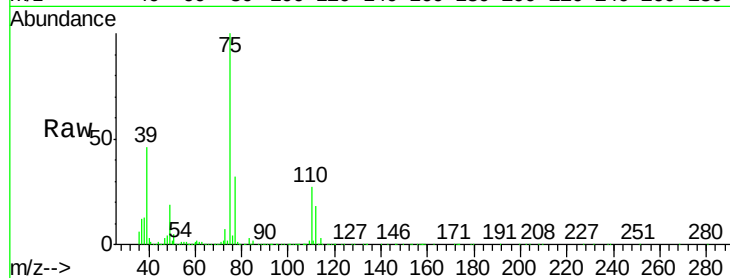
VX0225WBSD01

Tot Ion: 75 Resp: 86685

Ion Ratio Lower Upper

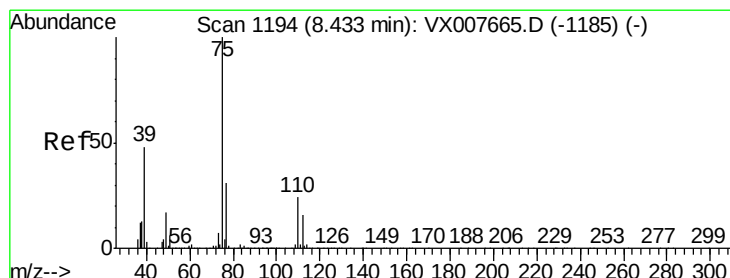
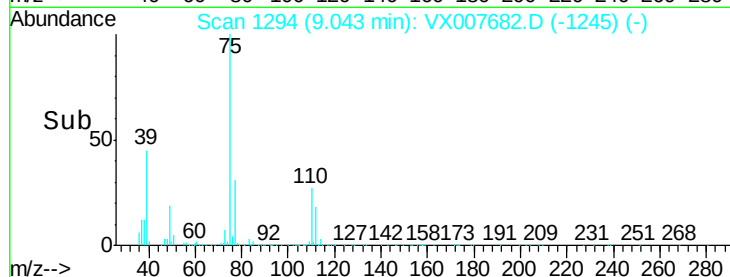
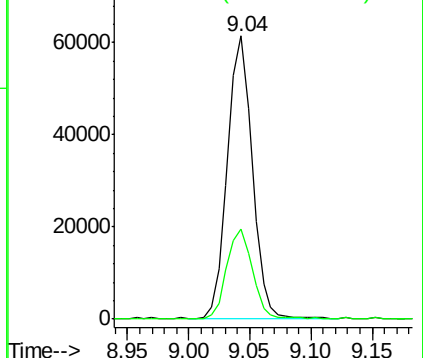
75 100

77 31.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.190 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

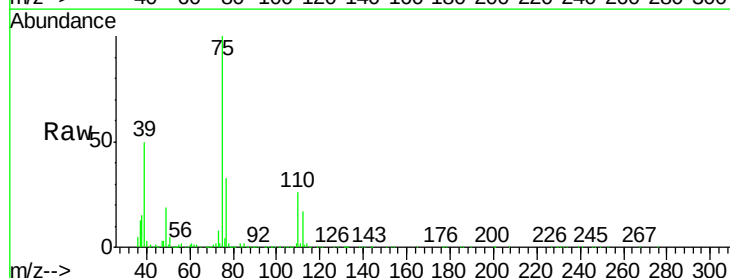
Tgt Ion: 75 Resp: 99596

Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.4

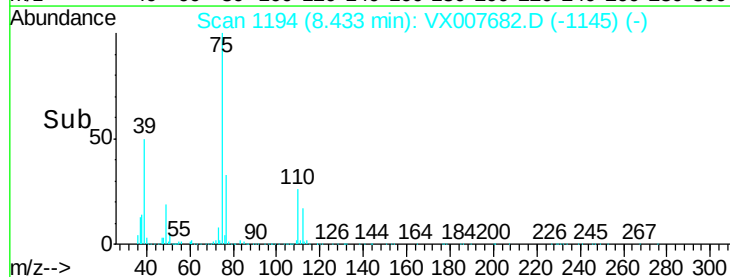
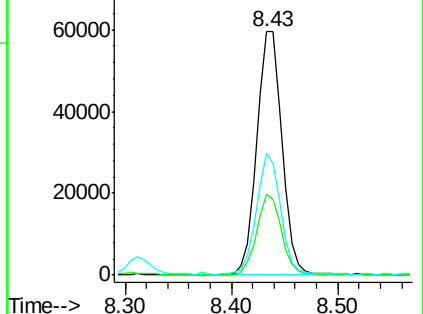
39 49.5 37.1 55.7

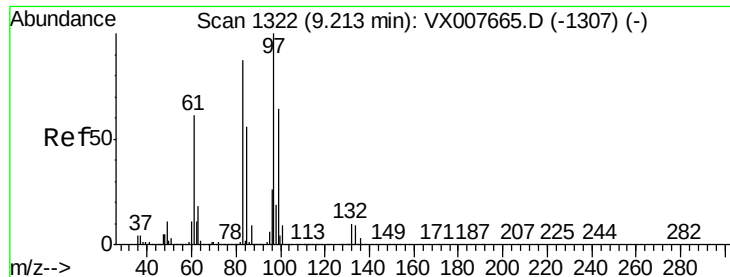


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.413 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 97 Resp: 73543

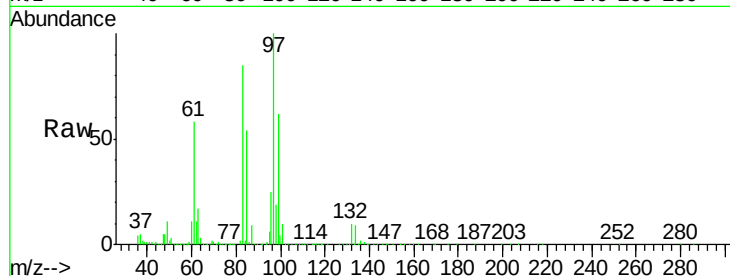
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	102.8
85	53.8	44.5	66.7
99	62.0	52.2	78.4

97 100

83 84.8 68.6 102.8

85 53.8 44.5 66.7

99 62.0 52.2 78.4



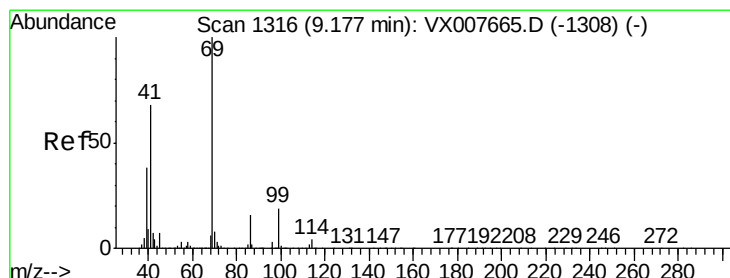
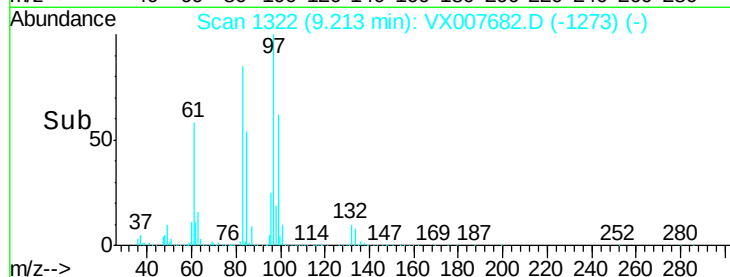
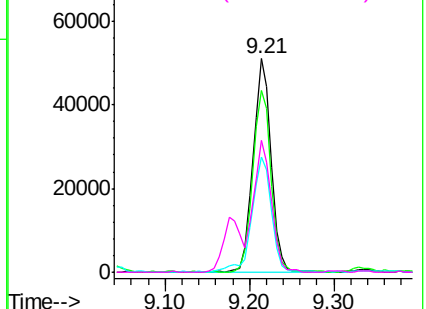
Abundance

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: 19.011 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

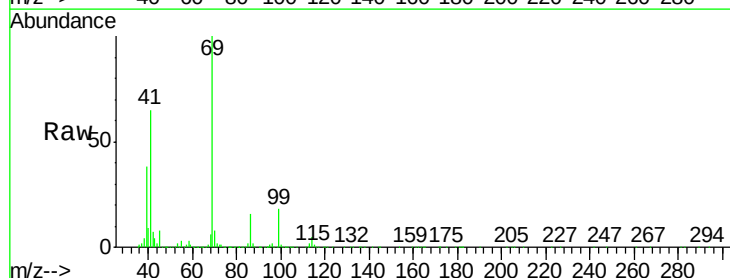
Tgt Ion: 69 Resp: 102420

Ion	Ratio	Lower	Upper
69	100		
41	62.3	52.1	78.1
39	35.5	30.1	45.1

69 100

41 62.3 52.1 78.1

39 35.5 30.1 45.1

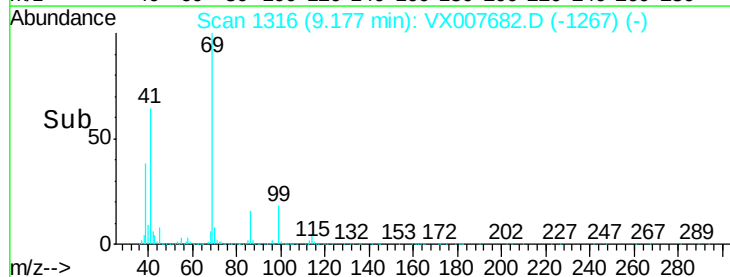
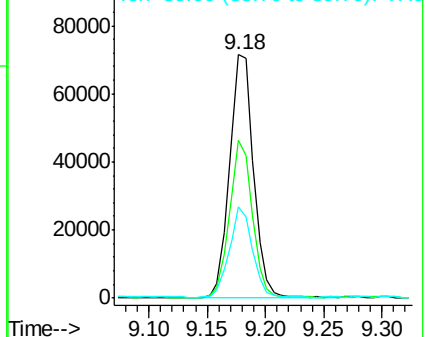


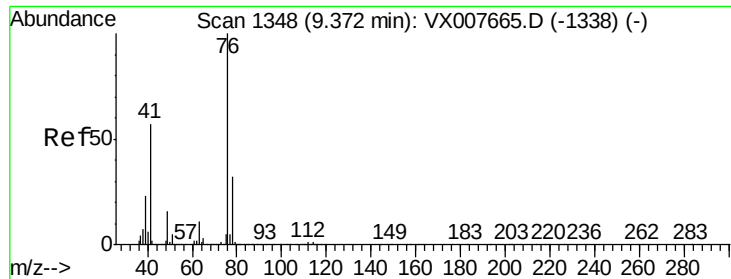
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.363 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

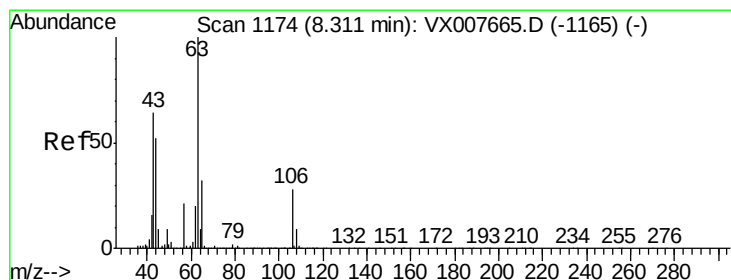
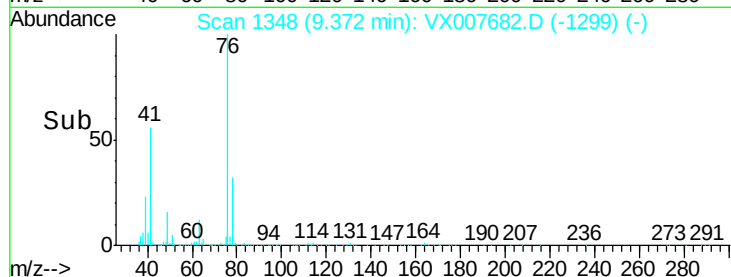
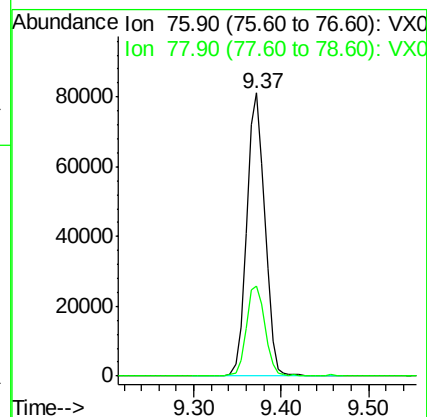
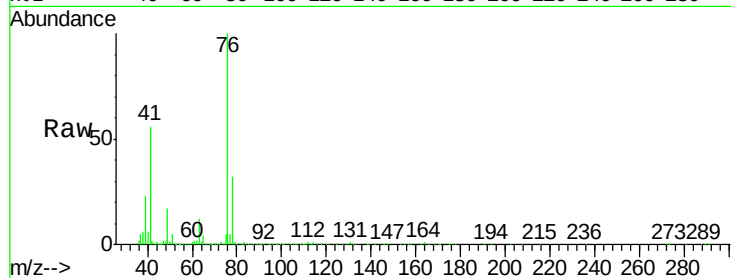
VX0225WBSD01

Tot Ion: 76 Resp: 117421

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.009 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007682.D

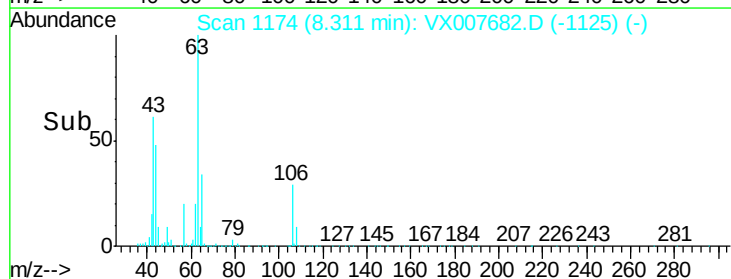
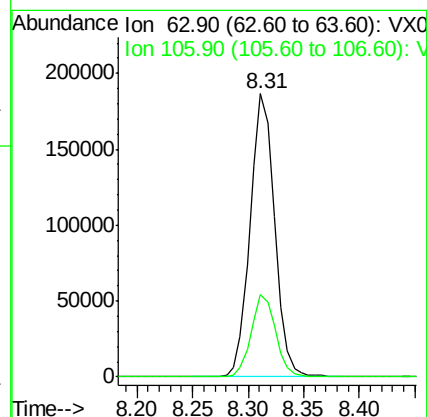
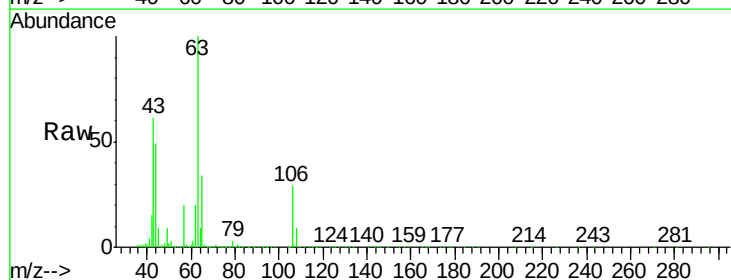
Acq: 25 Feb 2019 19:00

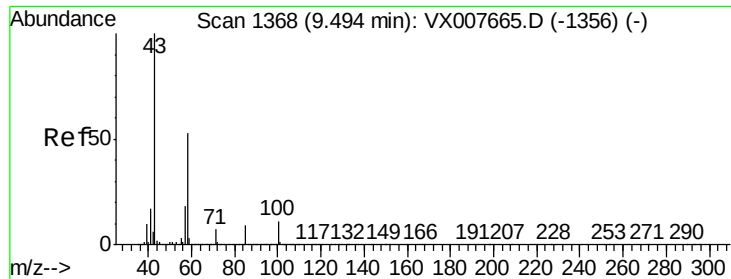
Tgt Ion: 63 Resp: 285230

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4

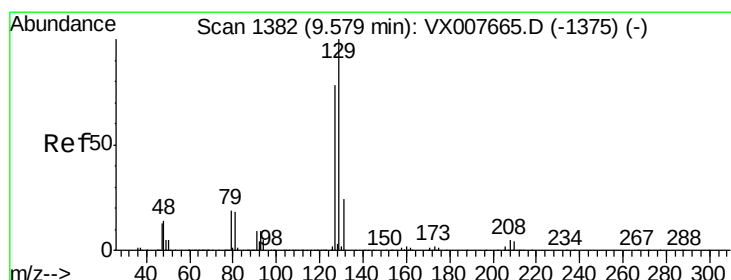
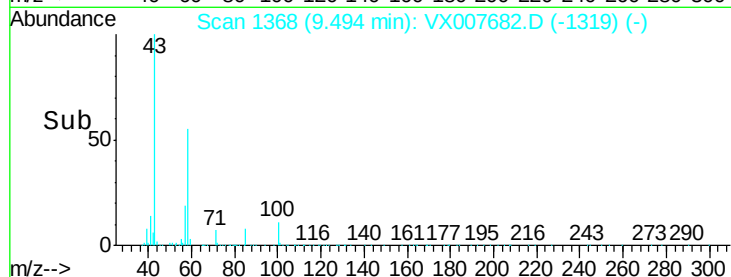
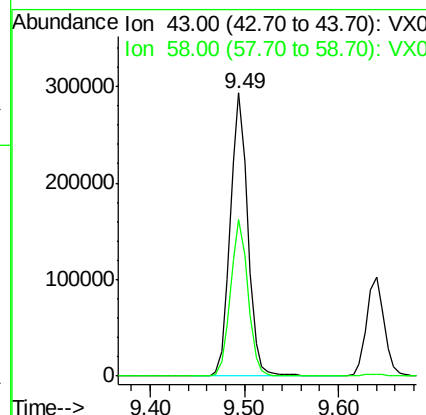
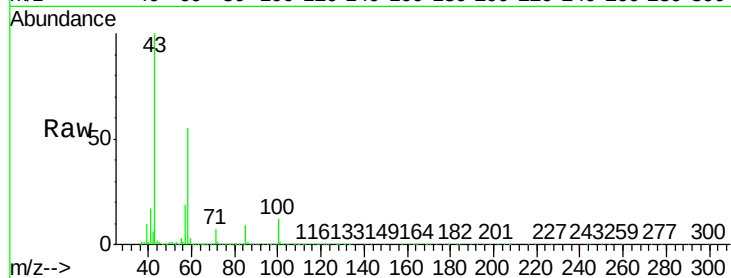




#59
2-Hexanone
Concen: 90.129 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

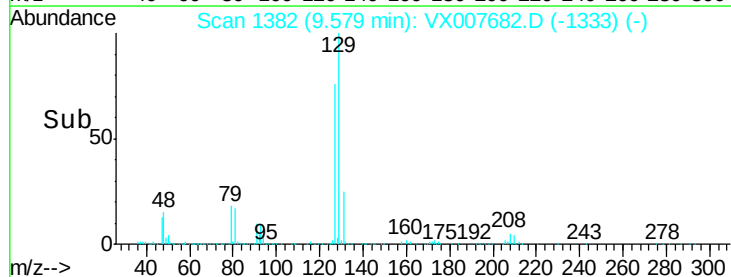
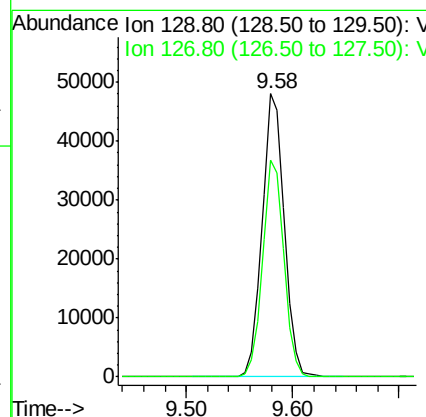
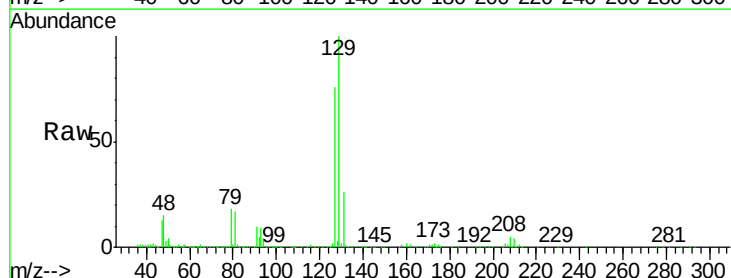
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

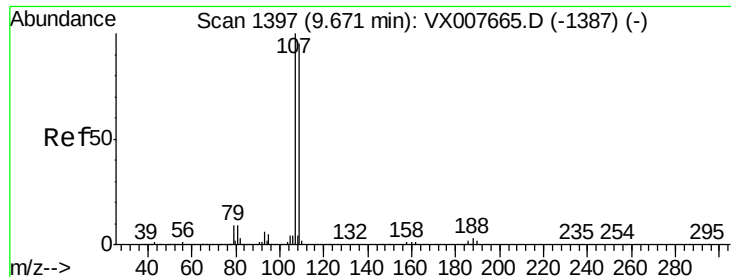
Tot Ion: 43 Resp: 377922
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#60
Dibromochloromethane
Concen: 19.244 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 129 Resp: 70152
Ion Ratio Lower Upper
129 100
127 74.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.386 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

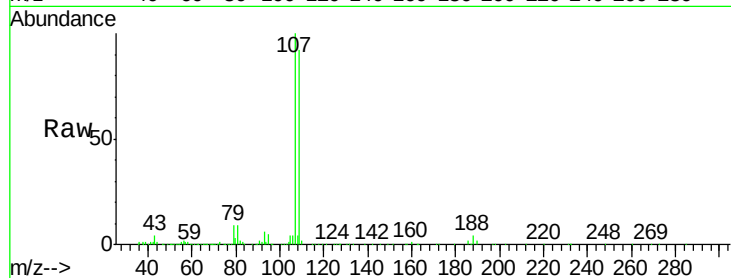
VX0225WBSD01

Tot Ion:107 Resp: 76251

Ion Ratio Lower Upper

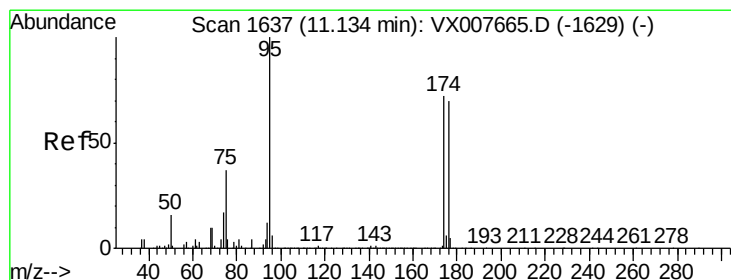
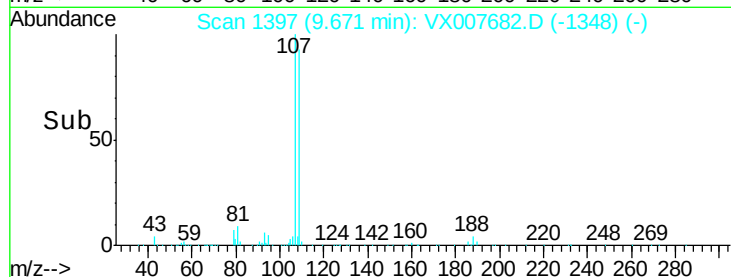
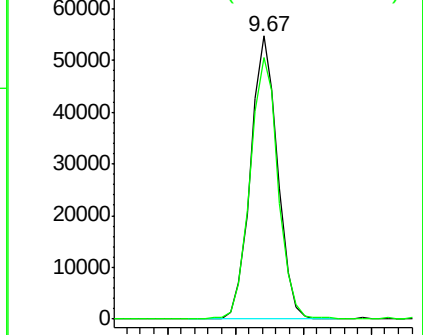
107 100

109 96.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.066 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

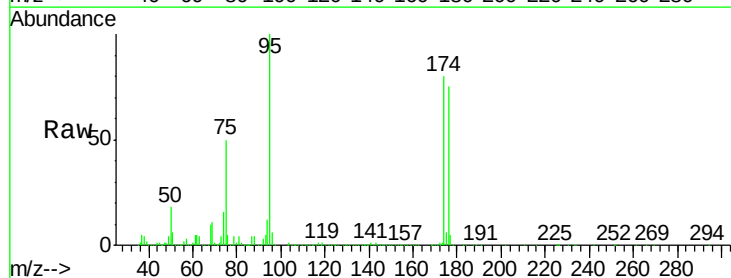
Tgt Ion: 95 Resp: 219744

Ion Ratio Lower Upper

95 100

174 85.0 0.0 189.2

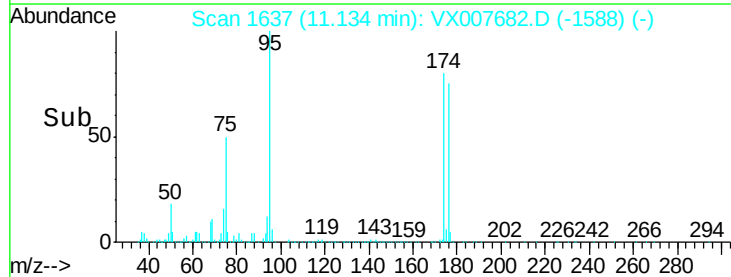
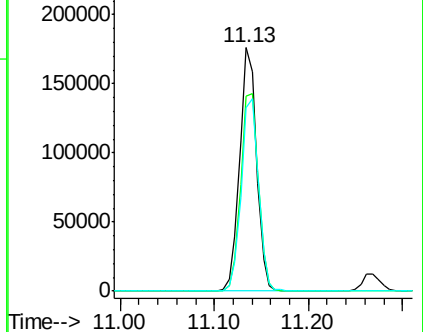
176 81.3 0.0 186.2

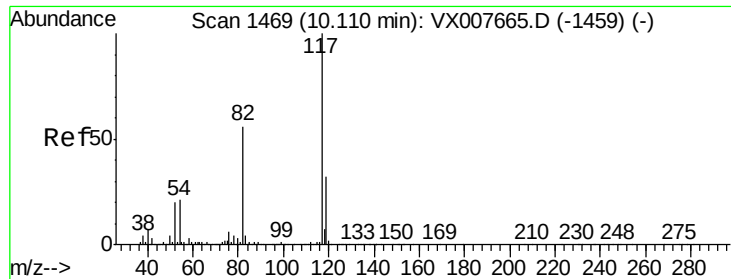


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

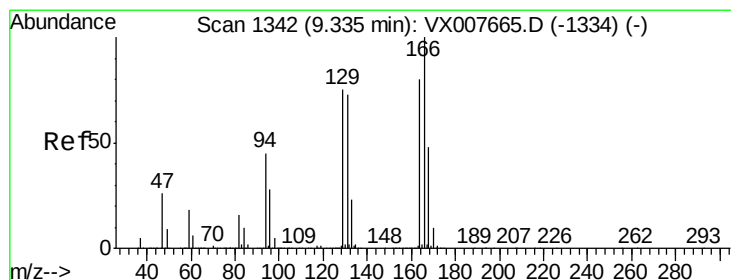
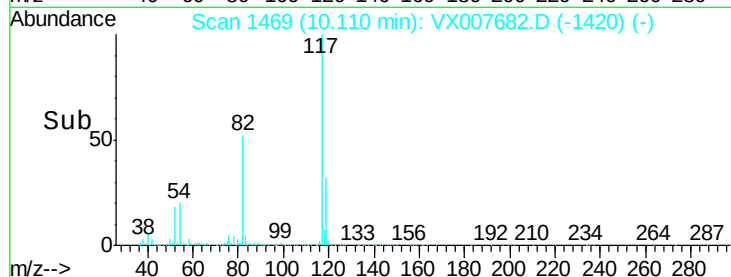
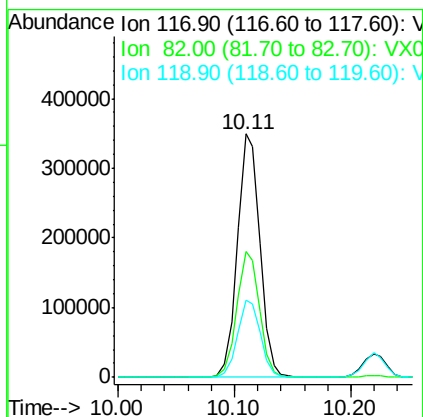
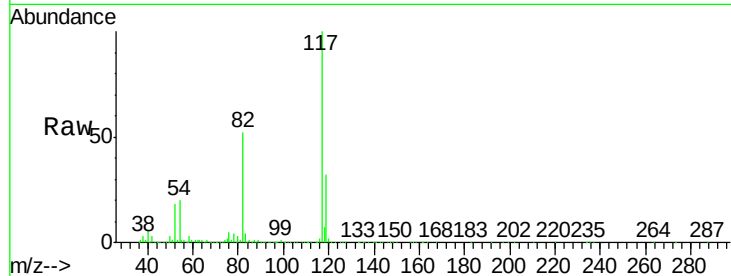




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

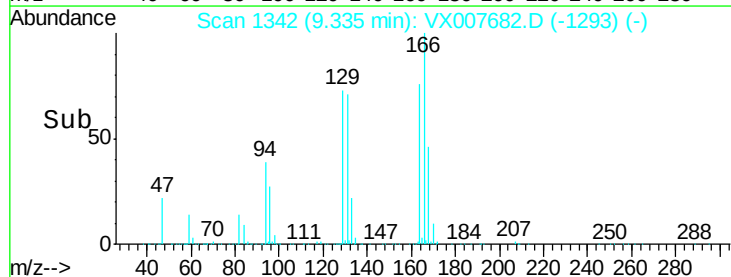
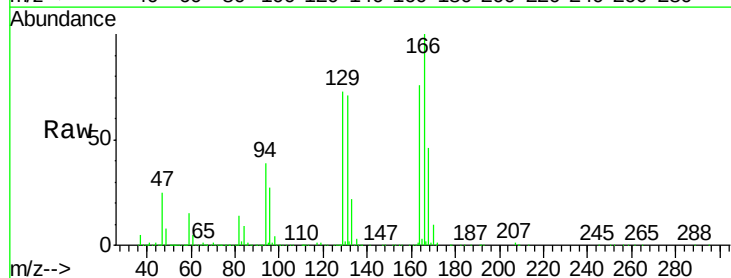
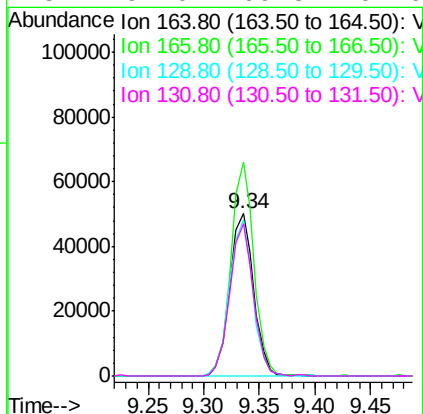
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

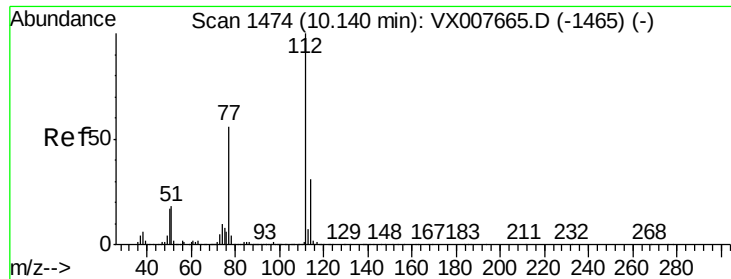
Tot Ion:117 Resp: 471755
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 19.505 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion:164 Resp: 74698
Ion Ratio Lower Upper
164 100
166 131.8 101.0 151.4
129 96.2 70.5 105.7
131 94.0 69.8 104.6

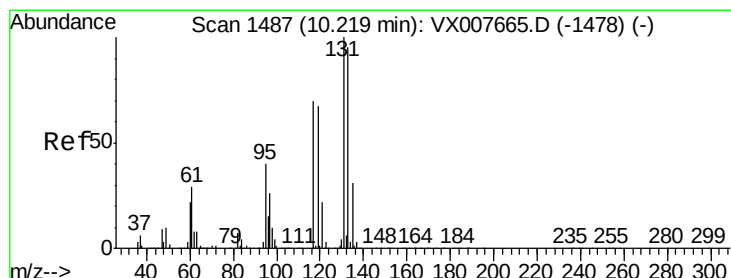
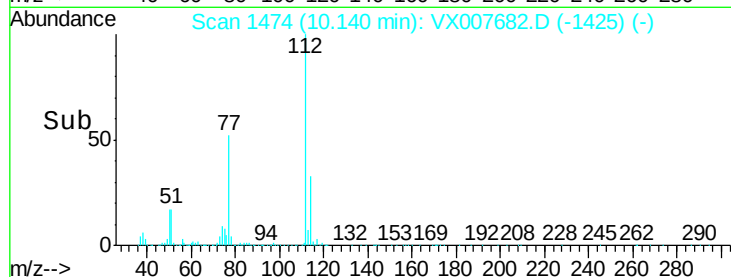
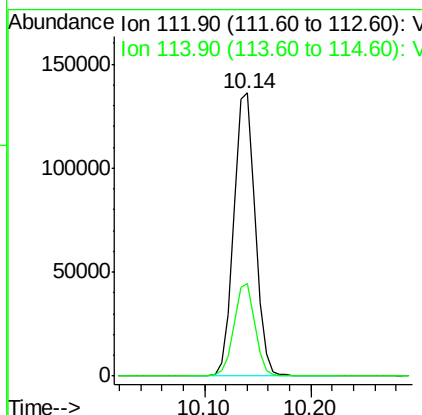
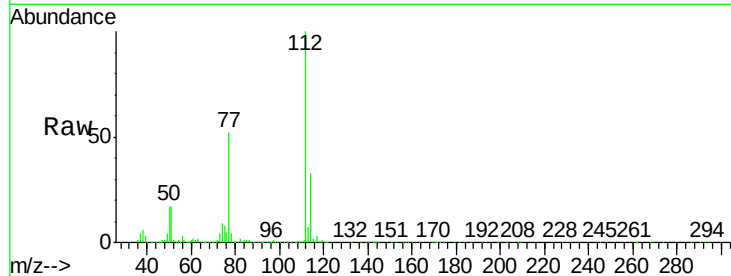




#65
Chlorobenzene
Concen: 18.981 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

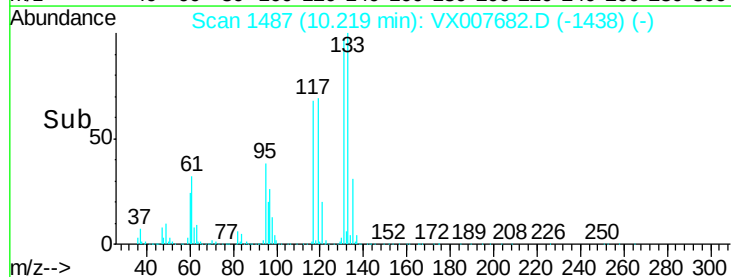
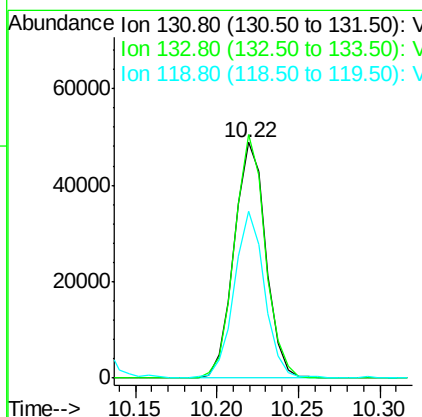
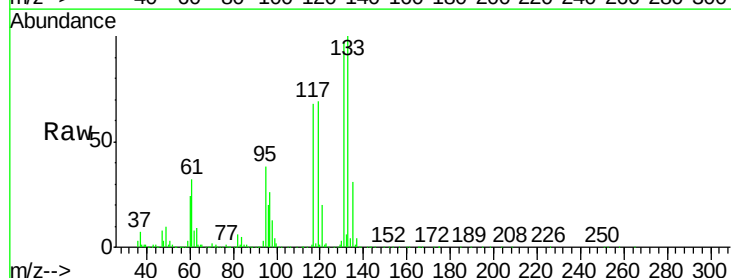
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

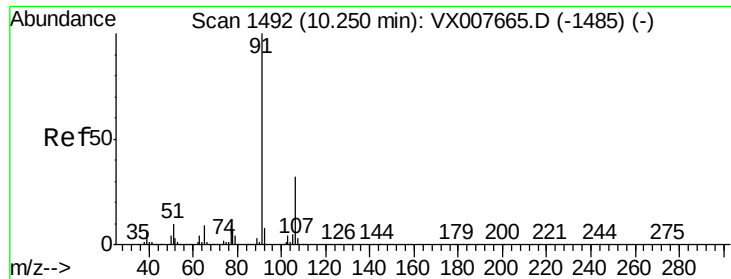
Tot Ion:112 Resp: 193666
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.460 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion:131 Resp: 65699
Ion Ratio Lower Upper
131 100
133 100.9 48.0 144.2
119 67.9 32.0 96.0





#67

Ethyl Benzene

Concen: 18.551 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

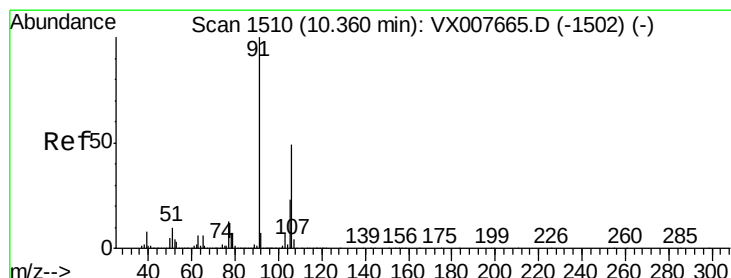
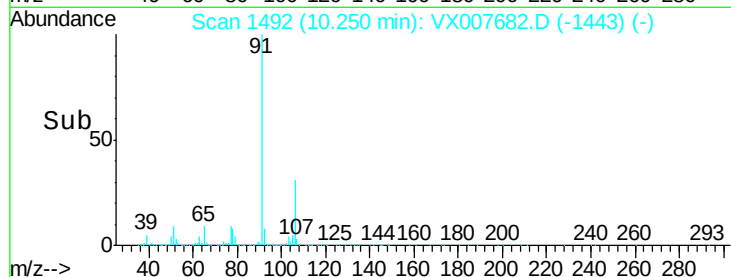
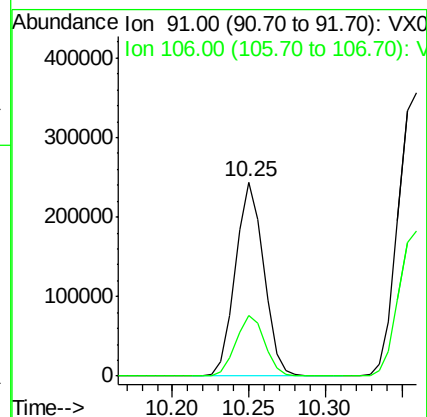
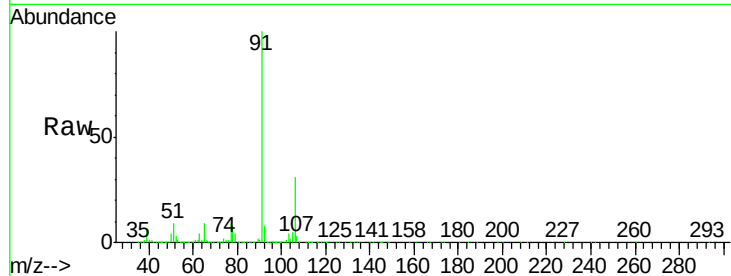
VX0225WBSD01

Tot Ion: 91 Resp: 313542

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0



#68

m/p-Xylenes

Concen: 37.577 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007682.D

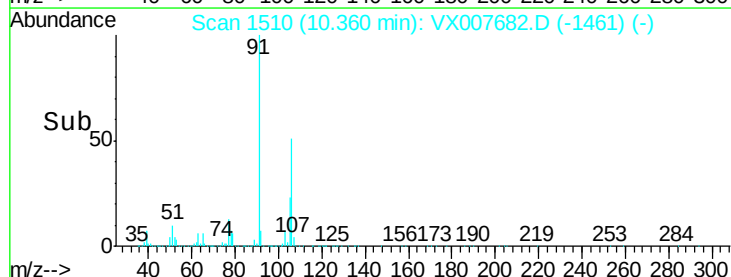
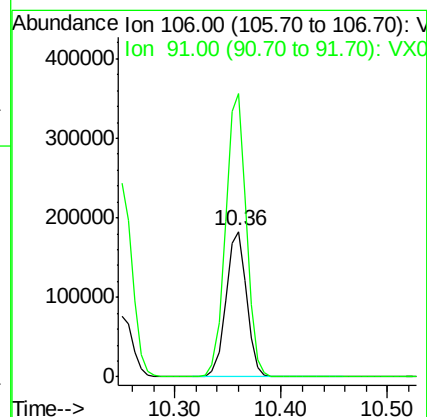
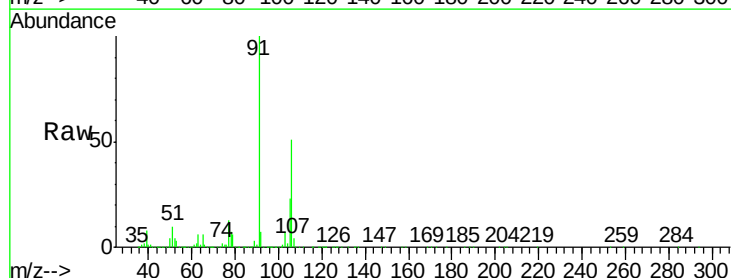
Acq: 25 Feb 2019 19:00

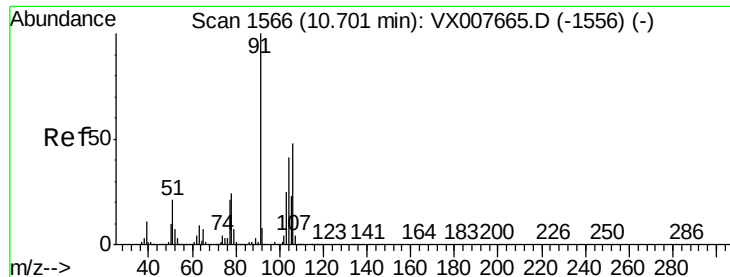
Tgt Ion: 106 Resp: 247086

Ion Ratio Lower Upper

106 100

91 195.6 156.6 234.8





#69

o-Xylene

Concen: 18.857 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

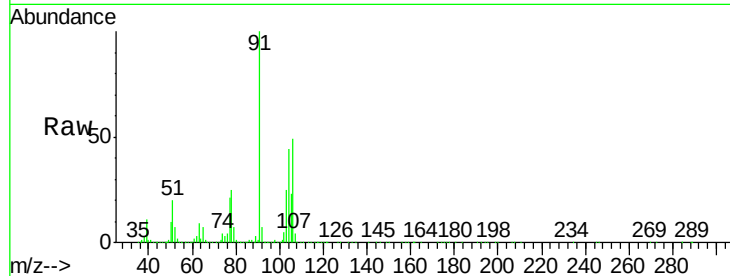
VX0225WBSD01

Tot Ion:106 Resp: 119263

Ion Ratio Lower Upper

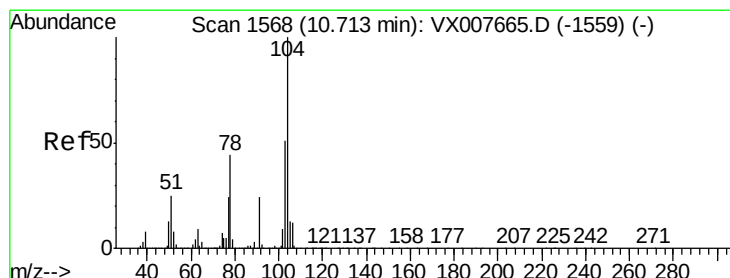
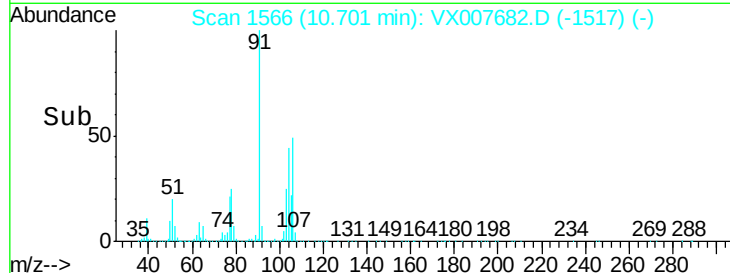
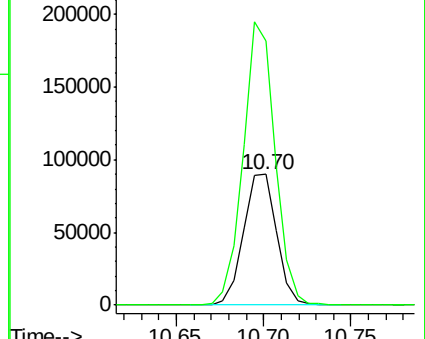
106 100

91 206.7 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.417 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

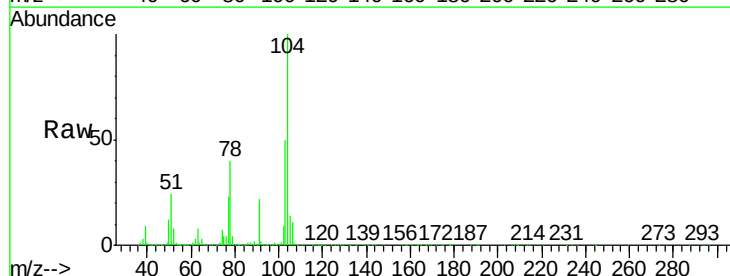
Tgt Ion:104 Resp: 191468

Ion Ratio Lower Upper

104 100

78 48.1 38.3 57.5

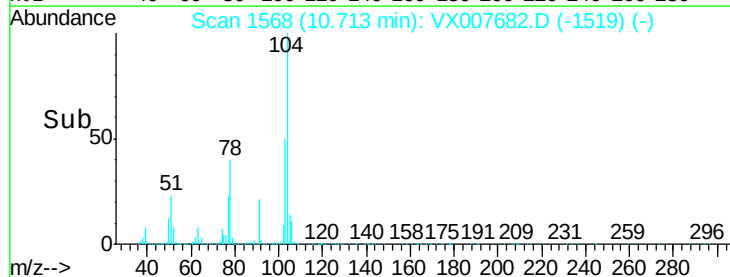
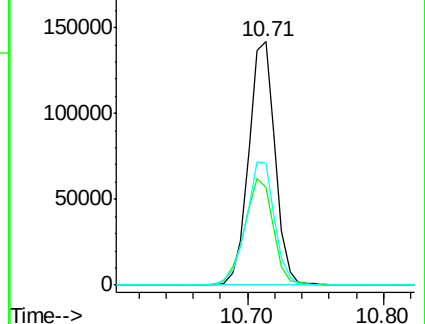
103 54.9 44.6 67.0

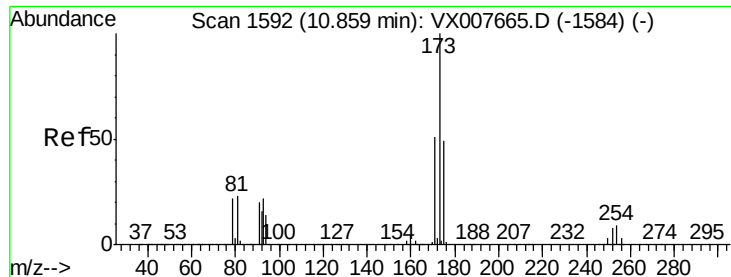


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.481 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

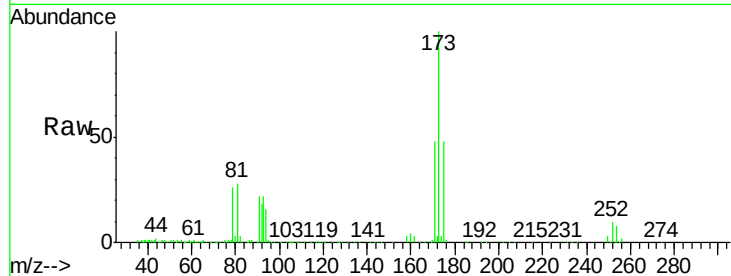
Tot Ion:173 Resp: 46654

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

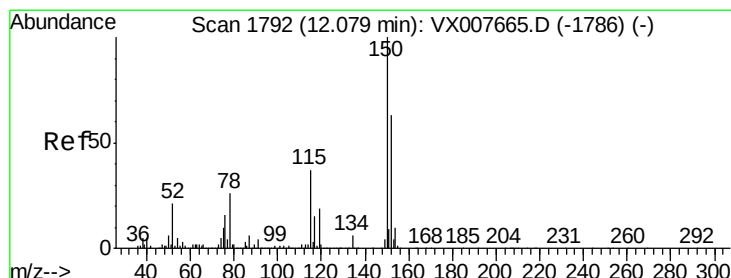
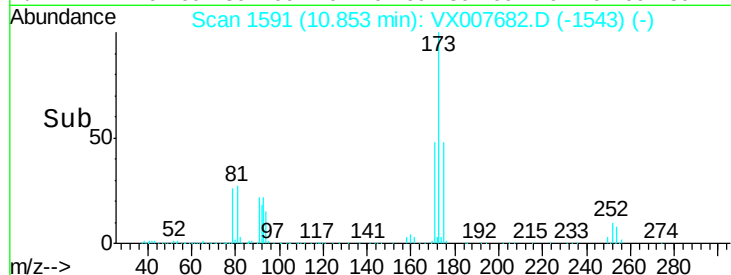
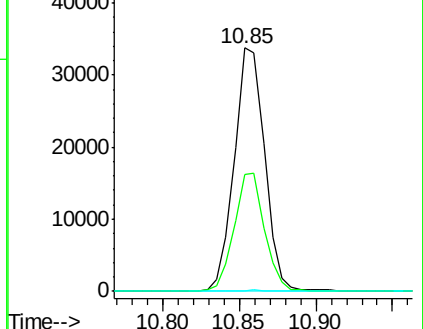
254 0.6 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

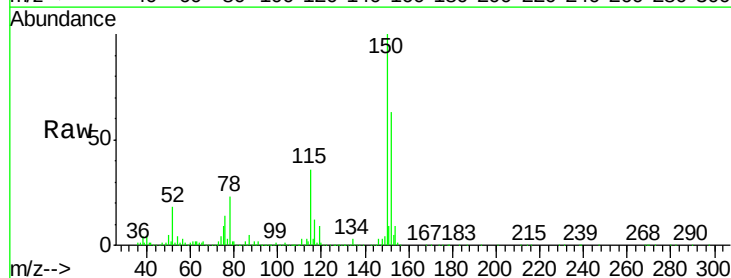
Tgt Ion:152 Resp: 219735

Ion Ratio Lower Upper

152 100

115 66.4 38.0 114.0

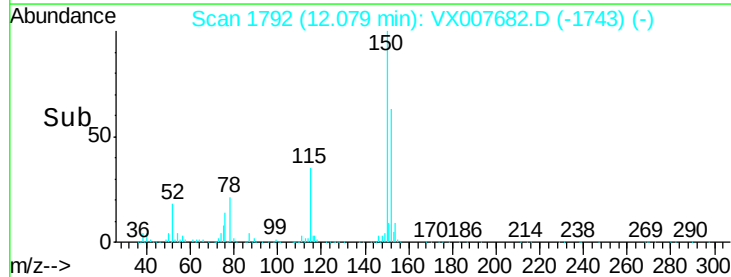
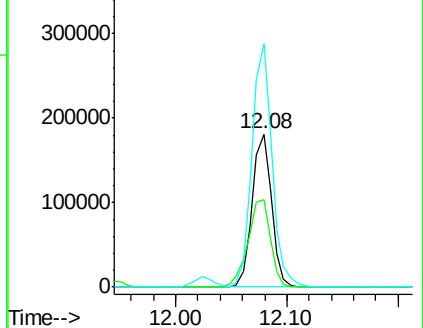
150 164.1 0.0 346.4

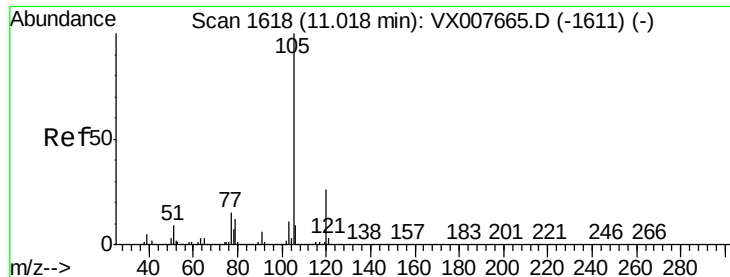


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.961 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

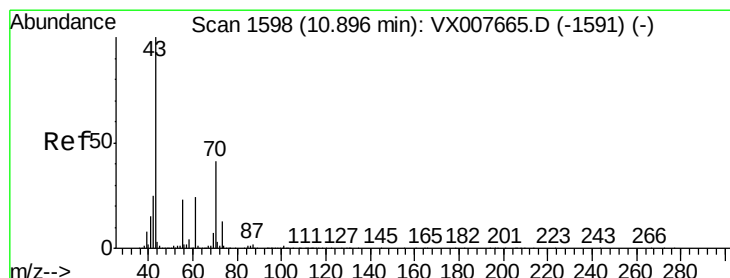
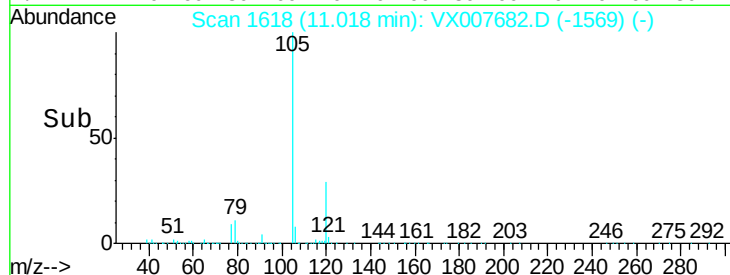
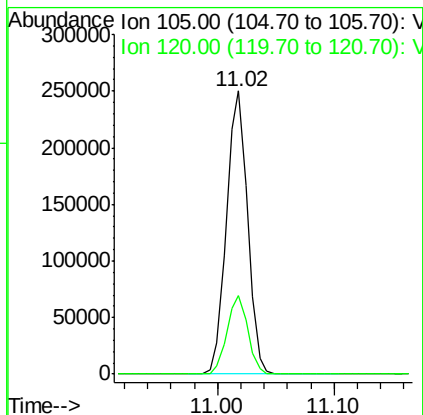
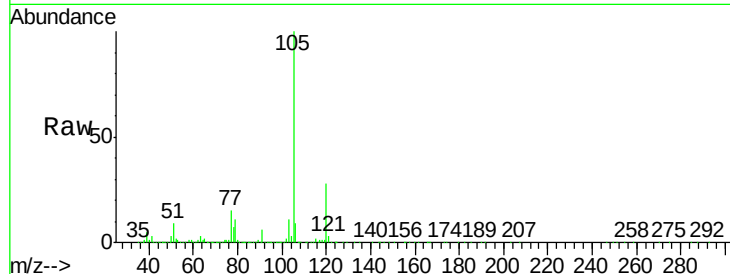
VX0225WBSD01

Tot Ion:105 Resp: 313478

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 18.734 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Tgt Ion: 43 Resp: 127763

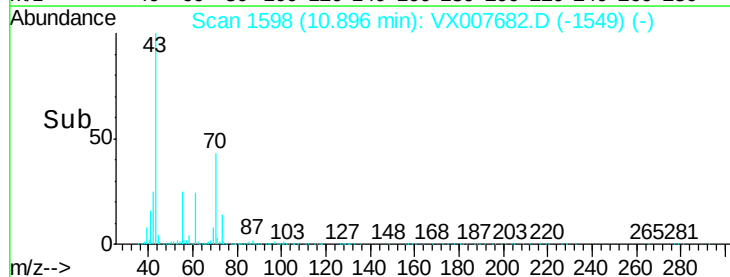
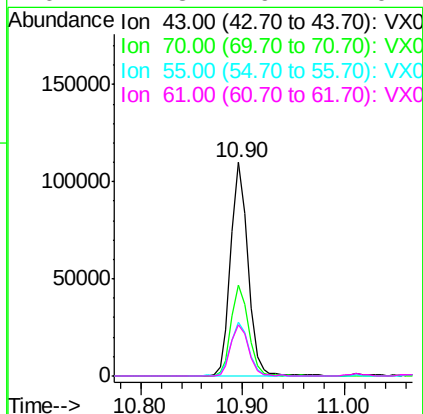
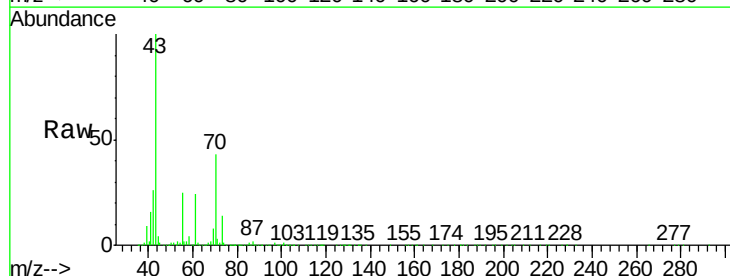
Ion Ratio Lower Upper

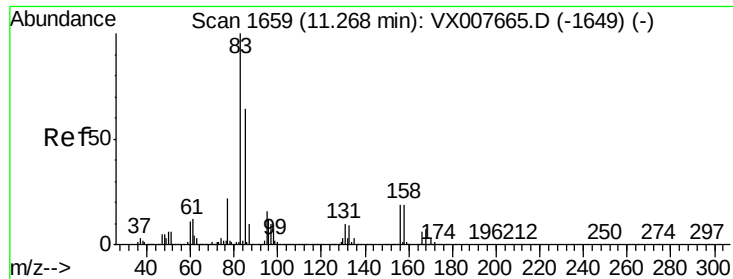
43 100

70 42.8 33.8 50.6

55 25.6 19.5 29.3

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.474 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

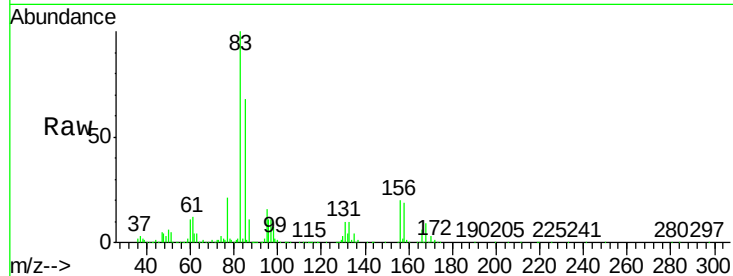
Tot Ion: 83 Resp: 105778

Ion Ratio Lower Upper

83 100

131 10.3 5.7 17.0

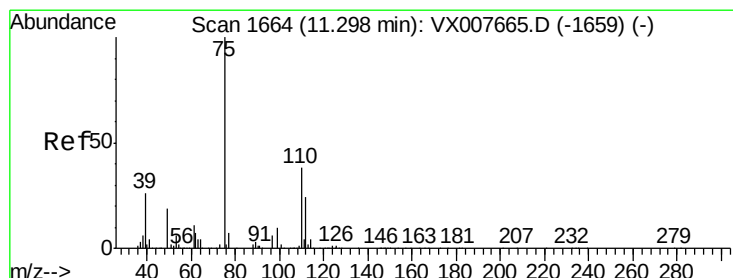
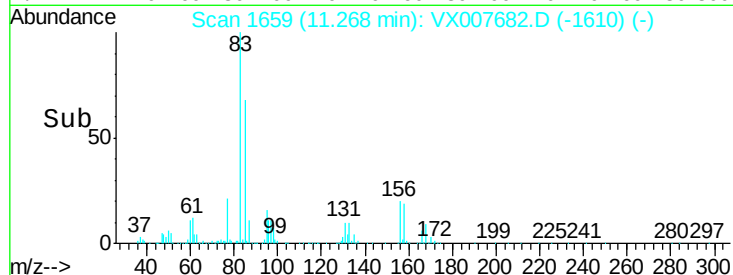
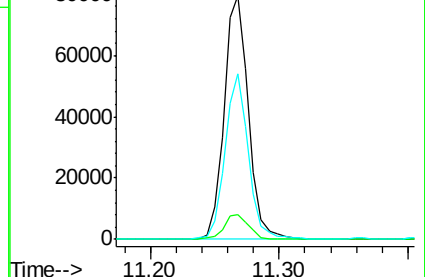
85 65.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.279 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007682.D

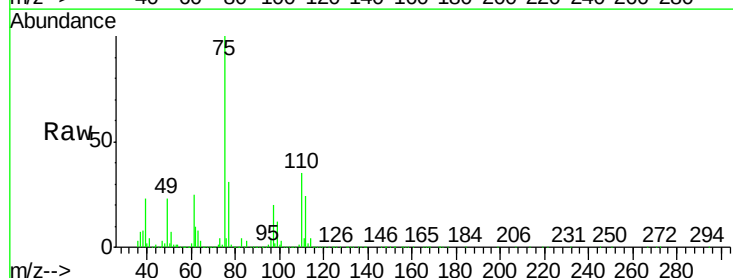
Acq: 25 Feb 2019 19:00

Tgt Ion: 75 Resp: 118402

Ion Ratio Lower Upper

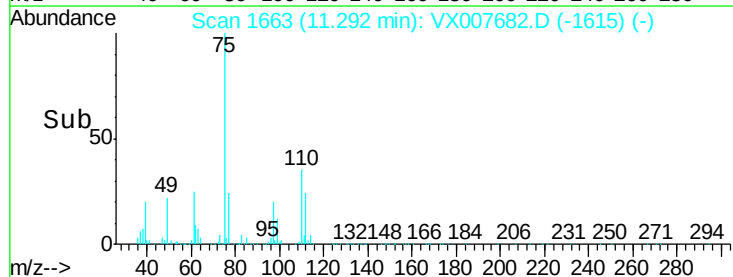
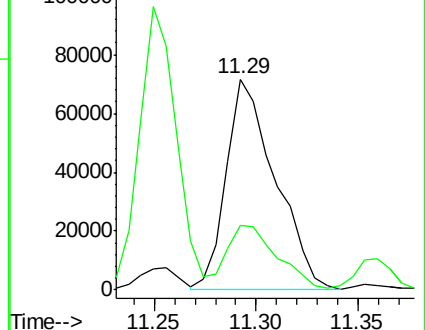
75 100

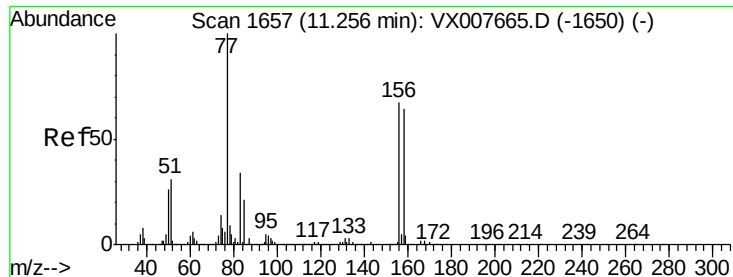
77 32.3 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.103 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

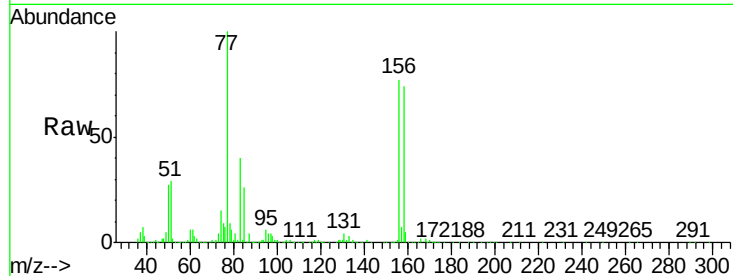
Tot Ion:156 Resp: 83125

Ion Ratio Lower Upper

156 100

77 145.3 66.8 200.6

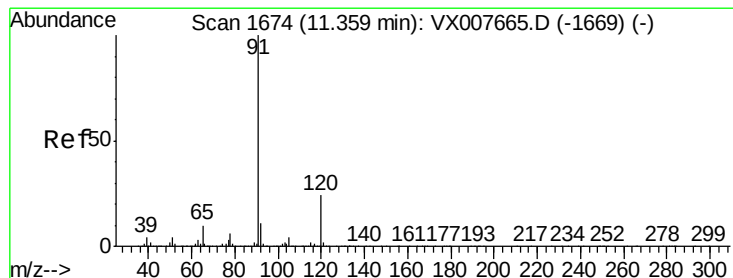
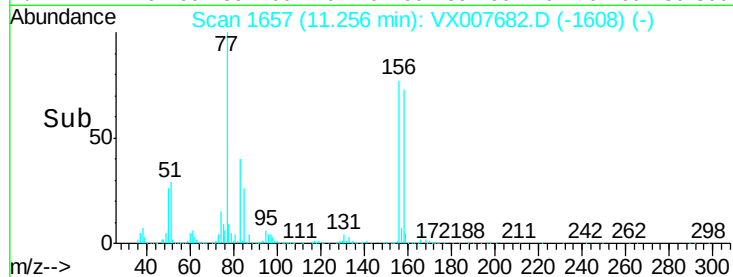
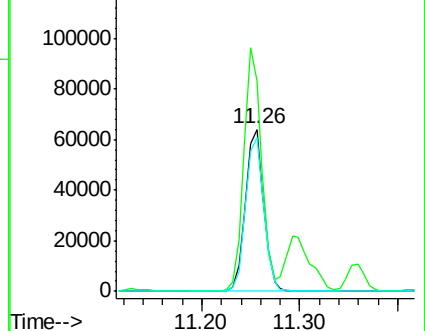
158 95.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.690 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007682.D

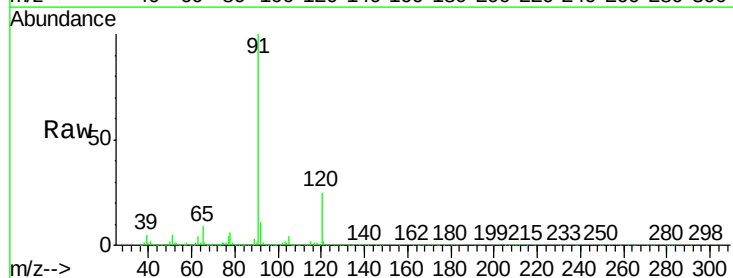
Acq: 25 Feb 2019 19:00

Tgt Ion: 91 Resp: 349425

Ion Ratio Lower Upper

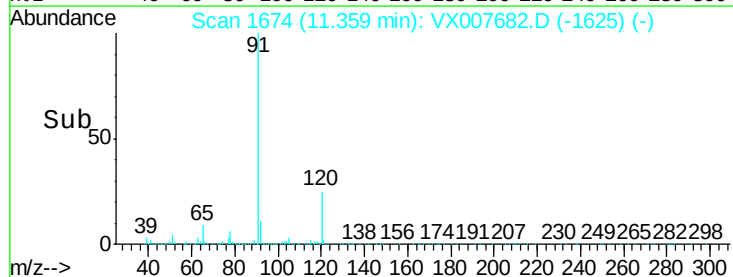
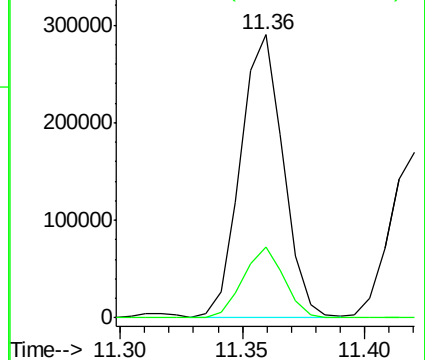
91 100

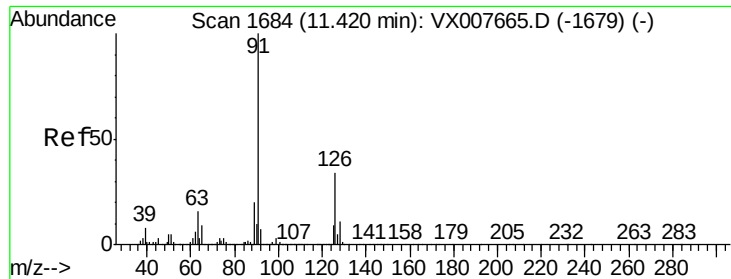
120 24.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.747 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

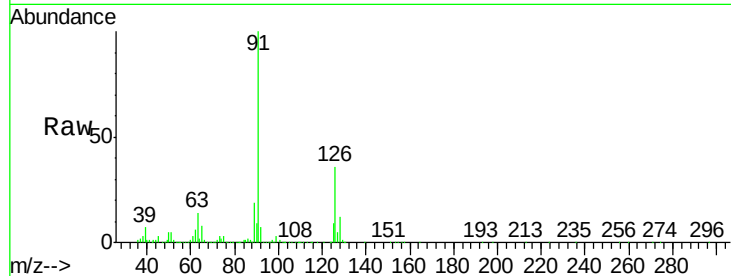
VX0225WBSD01

Tot Ion: 91 Resp: 211012

Ion Ratio Lower Upper

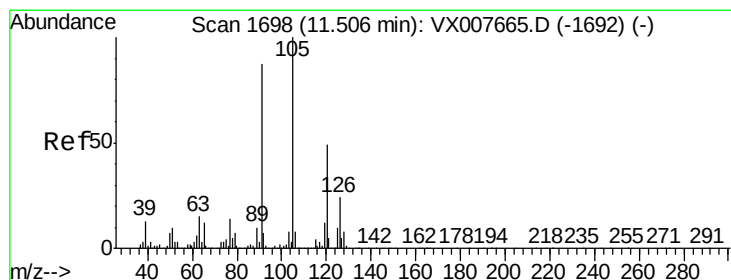
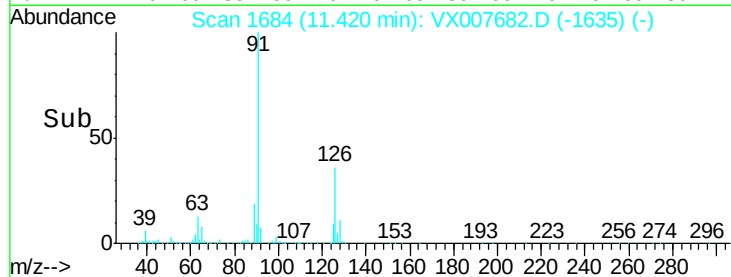
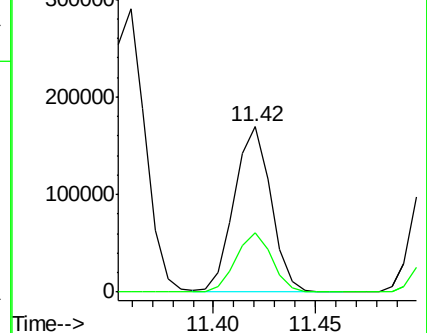
91 100

126 35.4 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.626 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007682.D

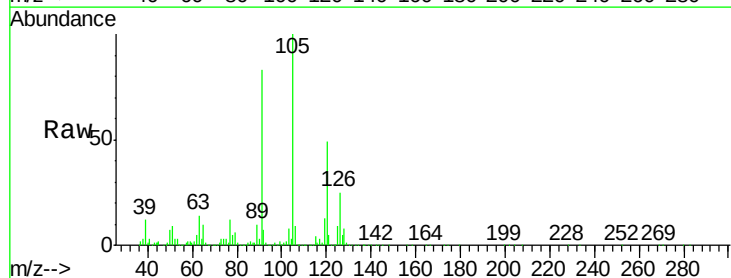
Acq: 25 Feb 2019 19:00

Tgt Ion: 105 Resp: 253525

Ion Ratio Lower Upper

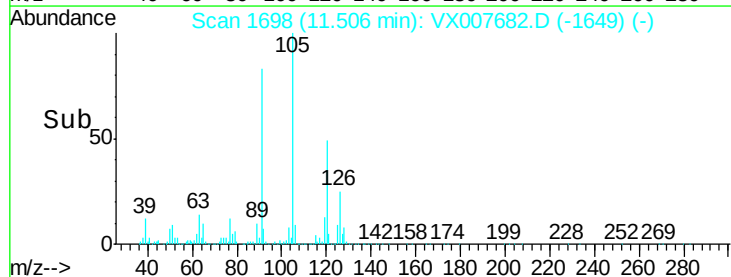
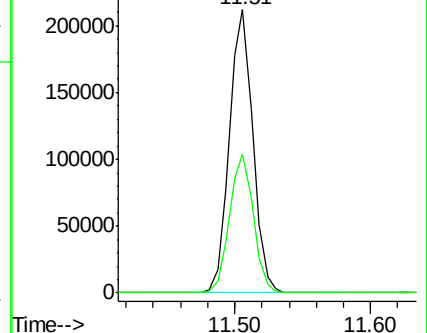
105 100

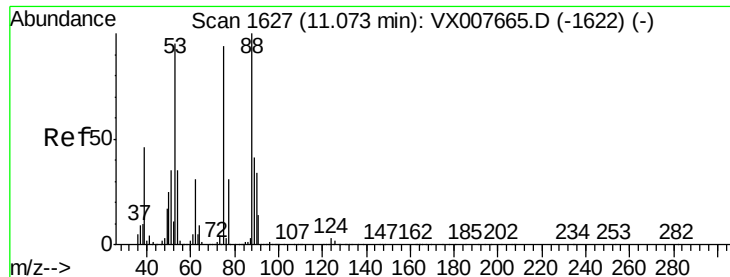
120 49.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.666 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

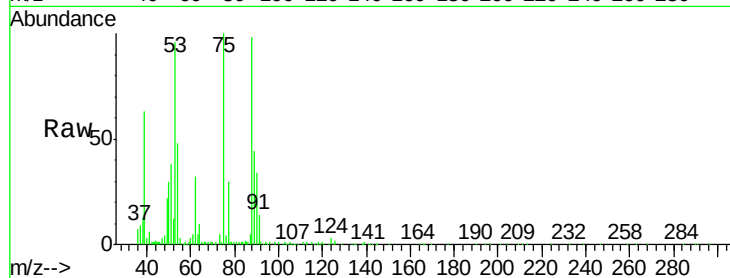
MSVOA_X

ClientSampleId :

VX0225WBSD01

Tot Ion: 75 Resp: 27259

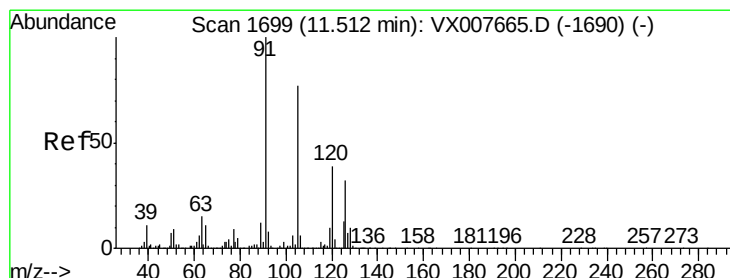
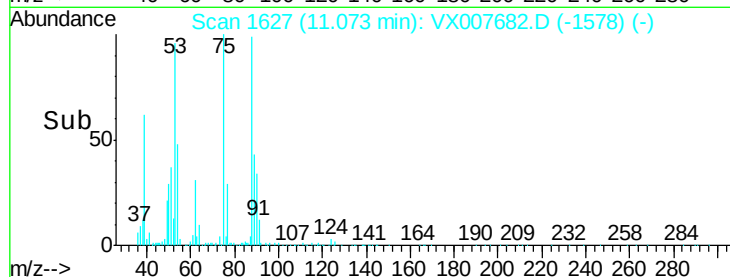
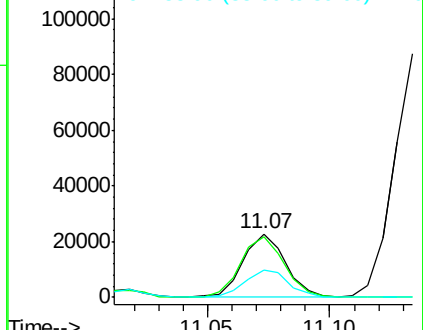
Ion	Ratio	Lower	Upper
75	100		
53	99.8	81.0	121.6
89	45.6	41.4	62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.090 ug/l

RT: 11.51 min Scan# 1699

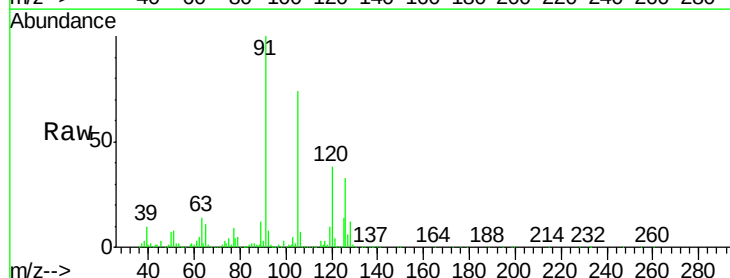
Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

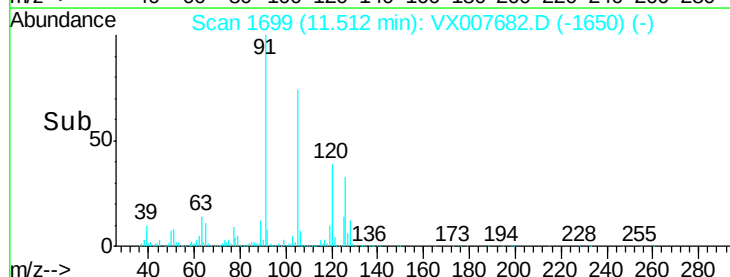
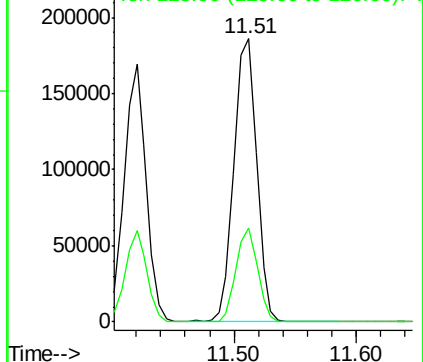
Tgt Ion: 91 Resp: 238636

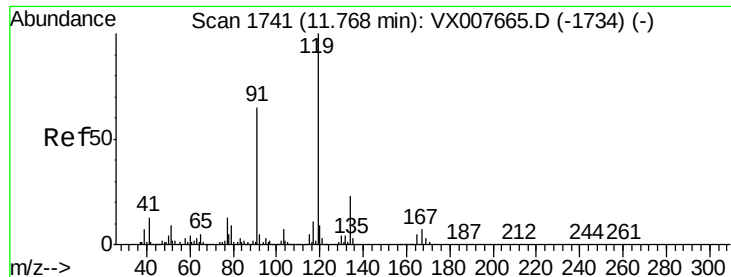
Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

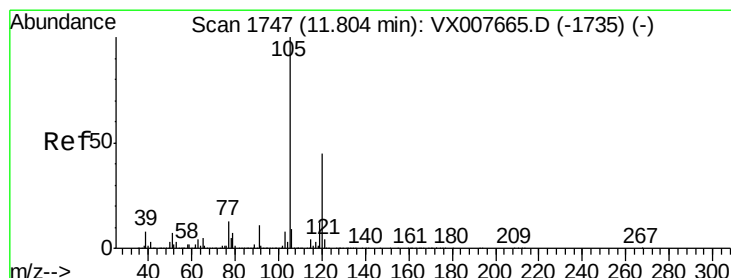
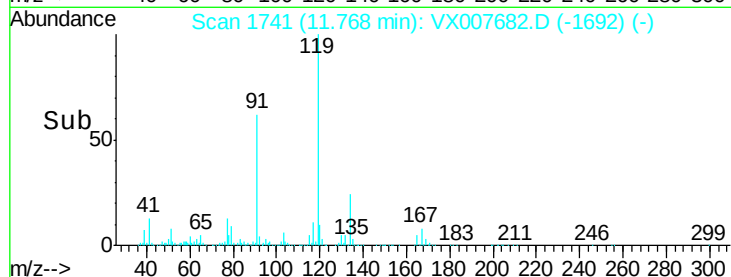
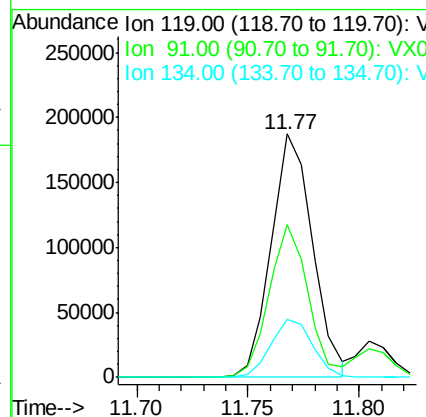
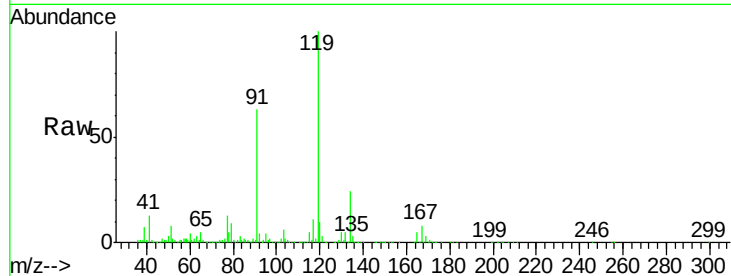




#83
 tert-Butylbenzene
 Concen: 19.524 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

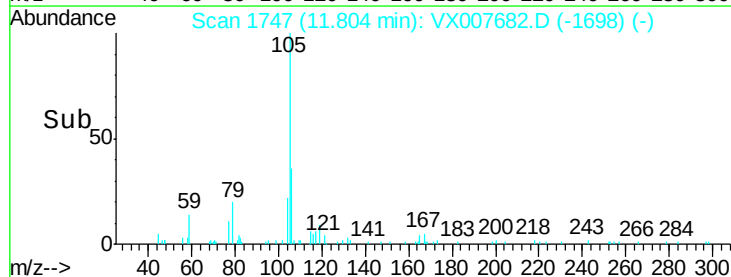
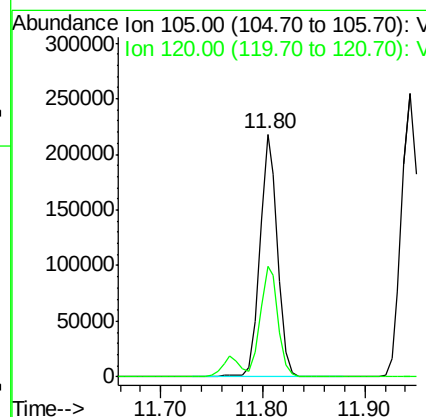
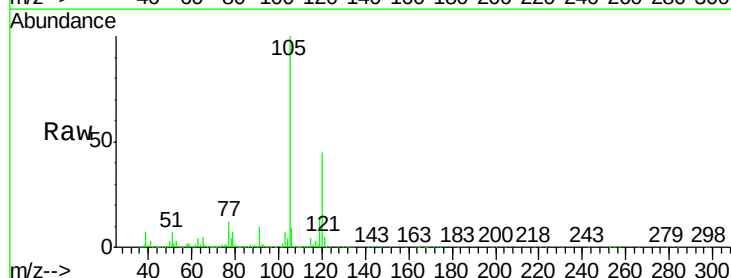
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

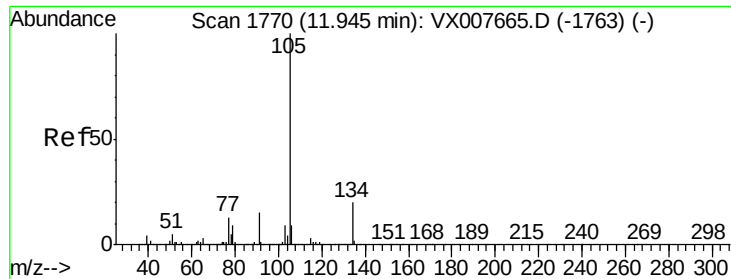
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	28.5	85.6
134	24.2	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.004 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.282 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

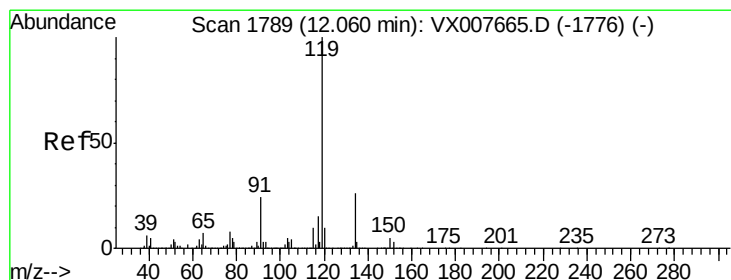
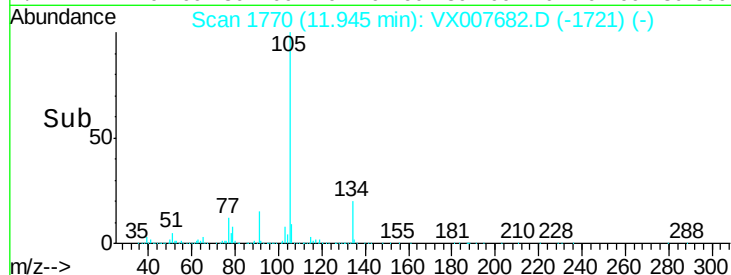
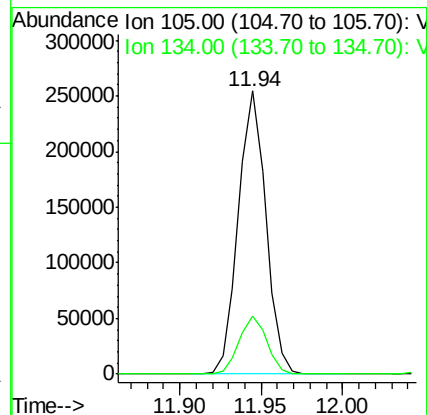
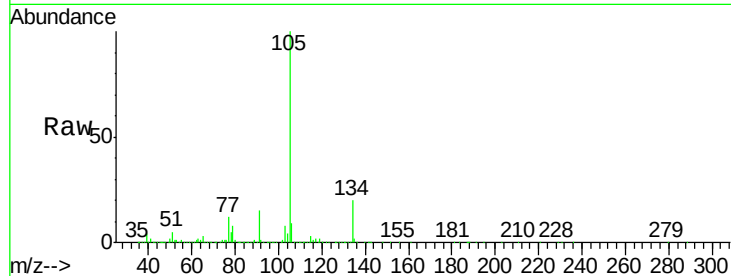
VX0225WBSD01

Tot Ion:105 Resp: 299682

Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.212 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

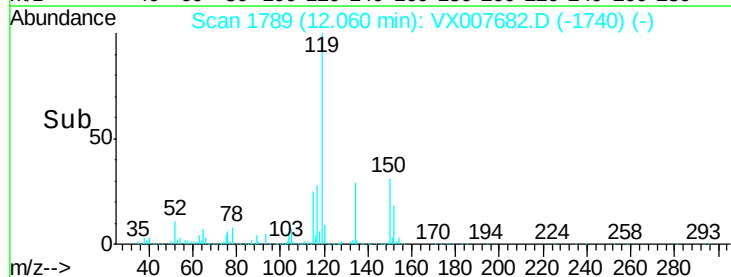
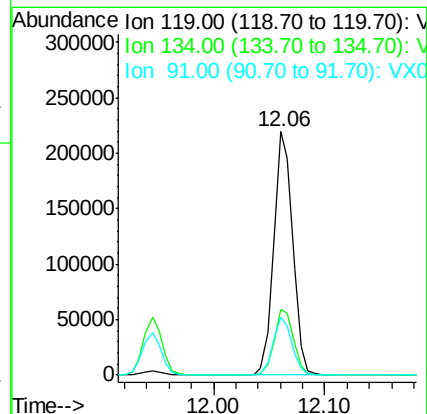
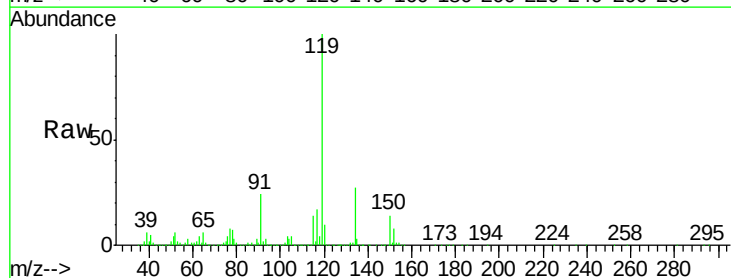
Tgt Ion:119 Resp: 261505

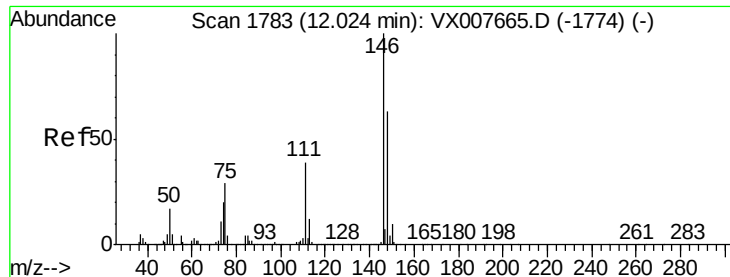
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.5 11.2 33.5

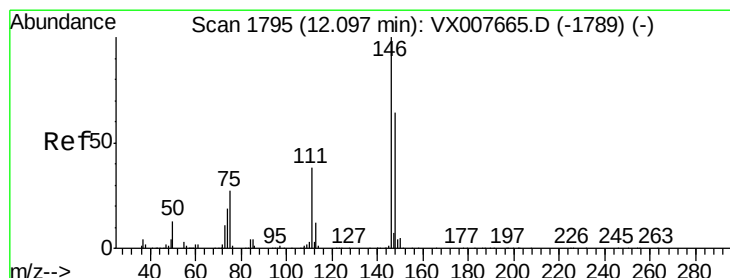
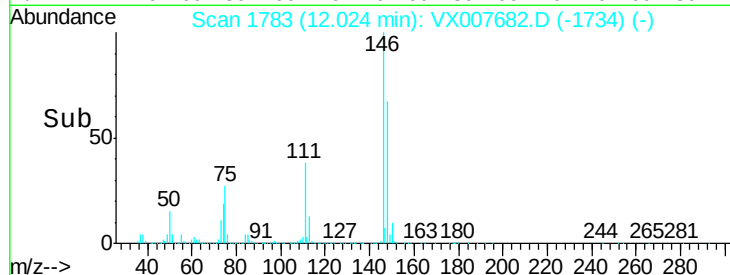
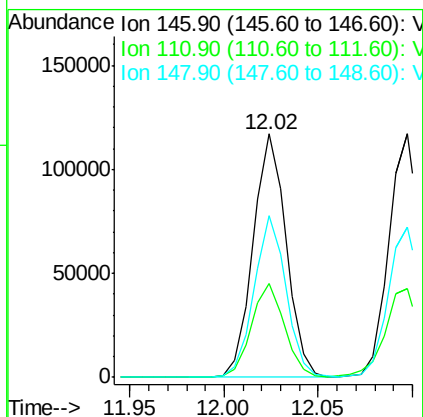
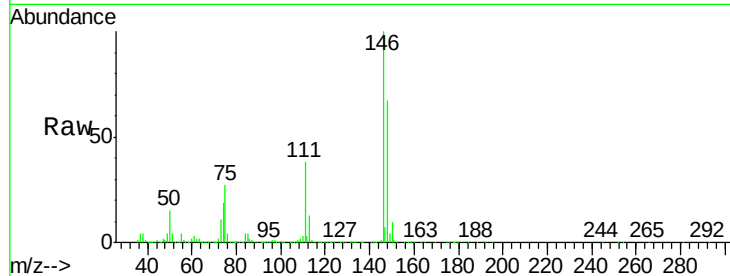




#87
 1,3-Dichlorobenzene
 Concen: 19.532 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

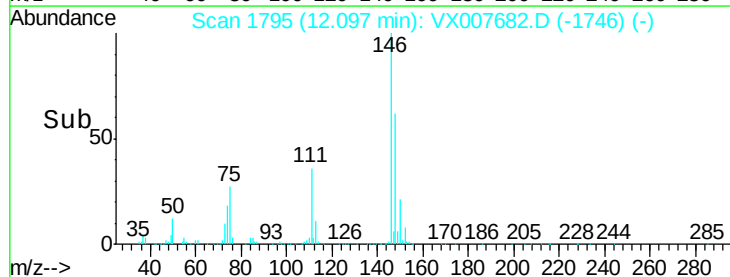
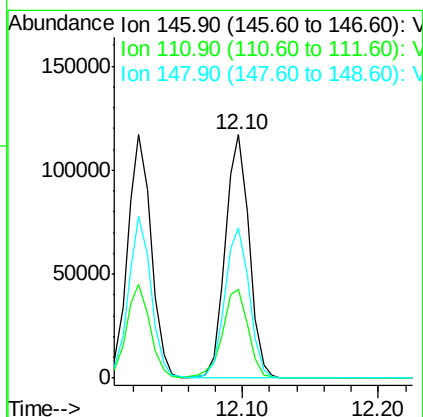
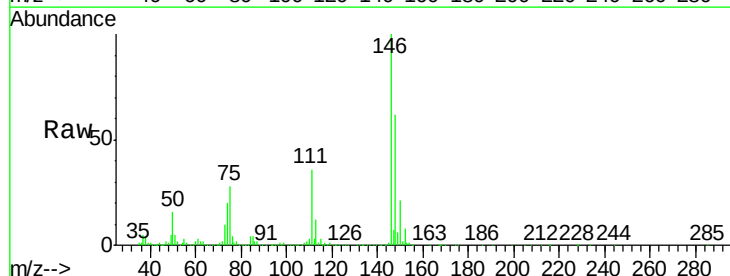
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

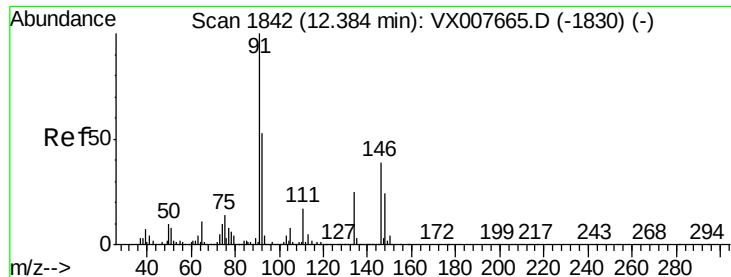
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	64.2	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.002 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.1	54.1
148	63.9	32.3	96.9

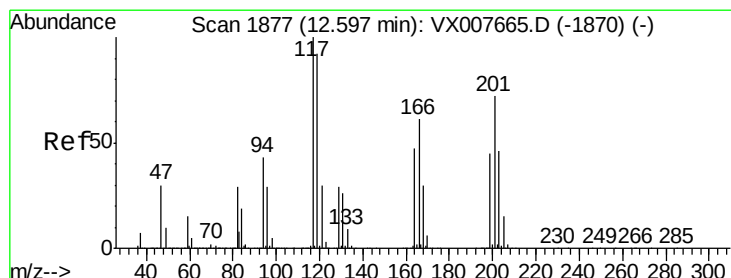
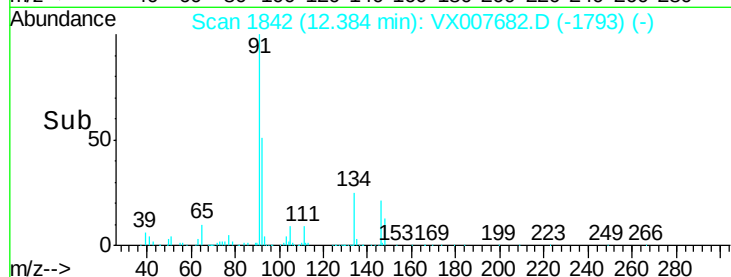
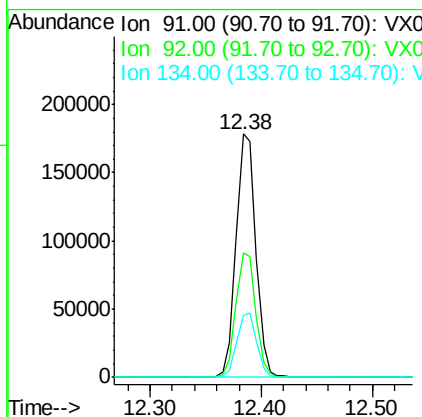
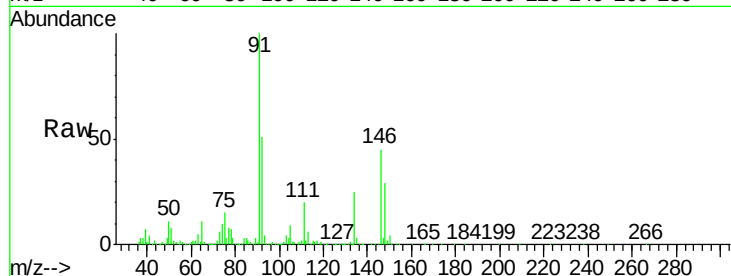




#89
n-Butylbenzene
Concen: 18.085 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

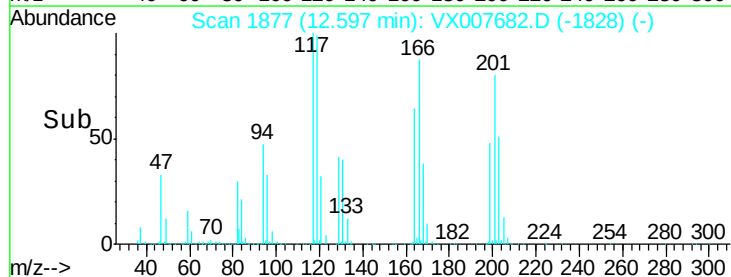
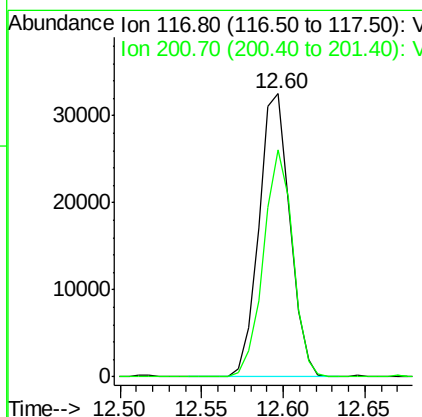
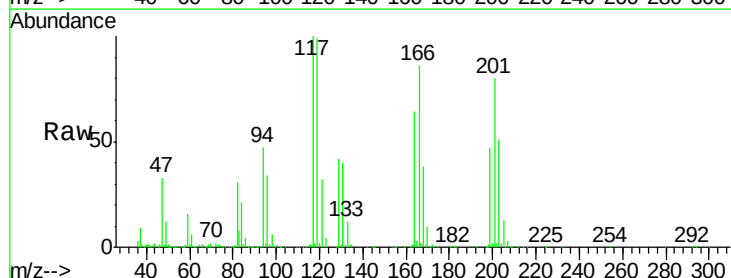
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD01

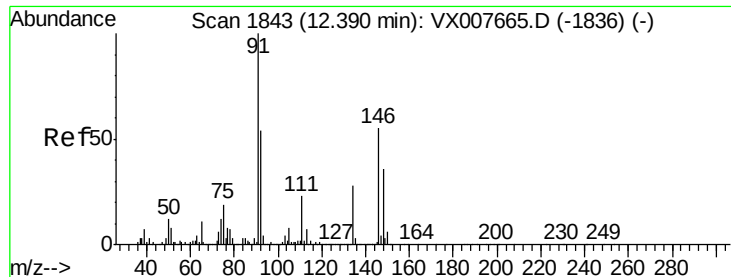
Tot Ion: 91 Resp: 219534
Ion Ratio Lower Upper
91 100
92 51.4 26.3 78.9
134 26.4 13.9 41.6



#90
Hexachloroethane
Concen: 18.733 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007682.D
Acq: 25 Feb 2019 19:00

Tgt Ion: 117 Resp: 42963
Ion Ratio Lower Upper
117 100
201 75.6 44.9 134.7

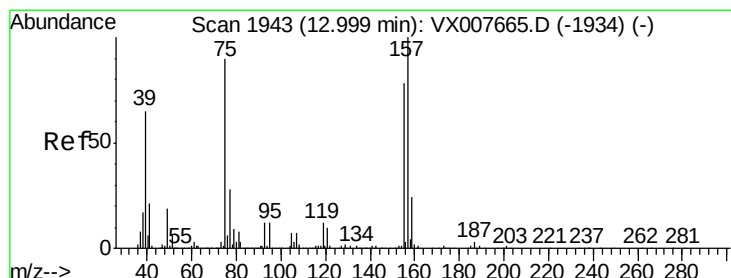
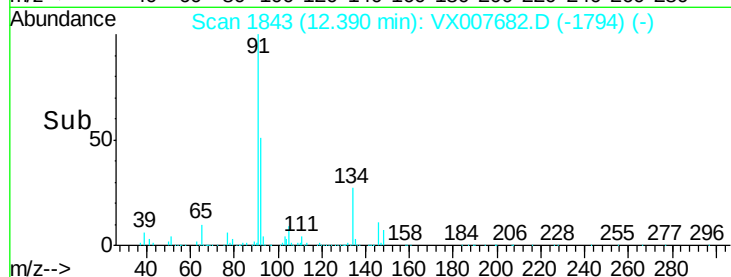
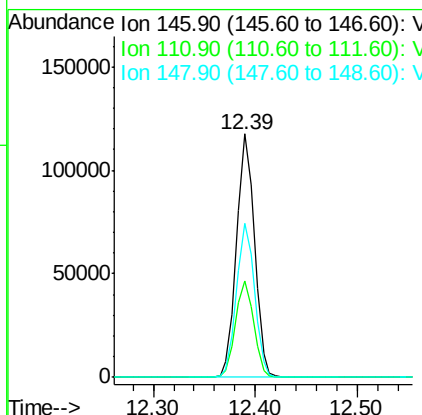
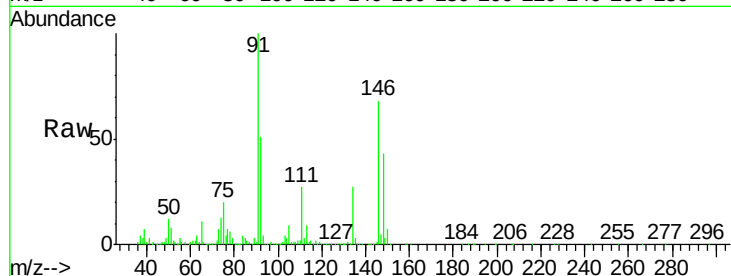




#91
 1,2-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

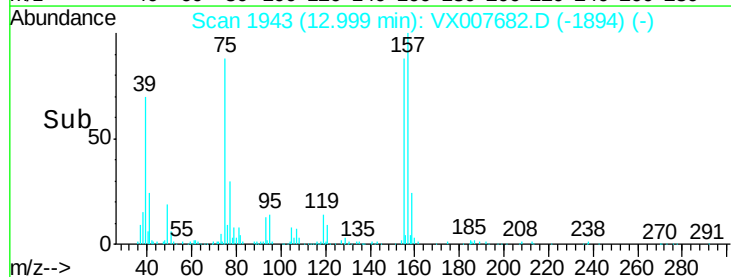
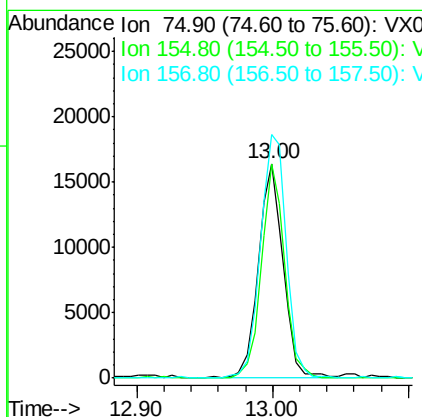
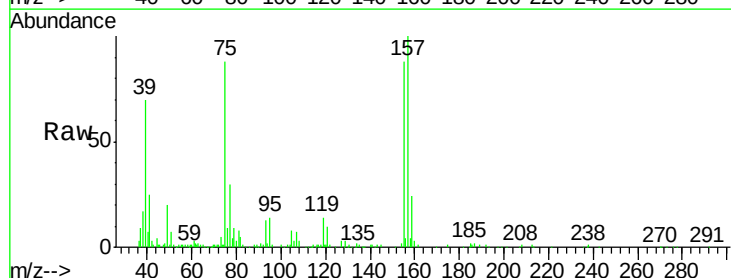
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

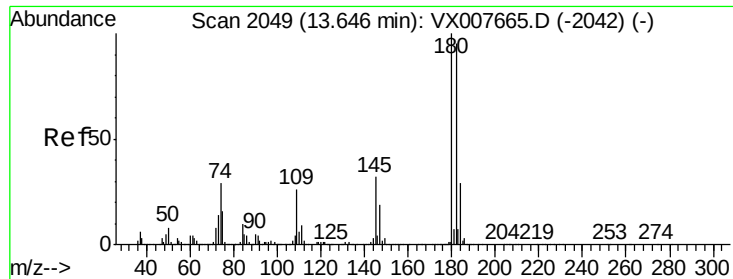
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.3
148	63.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.801 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	49.6	149.0
157	117.9	65.1	195.3

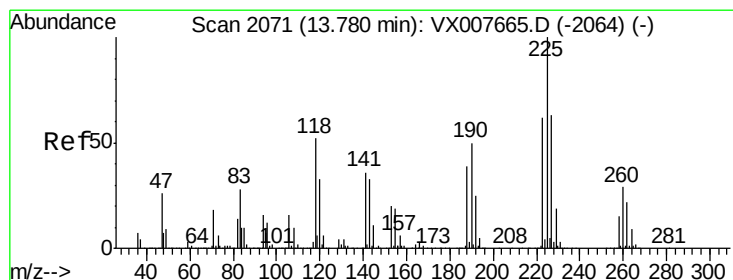
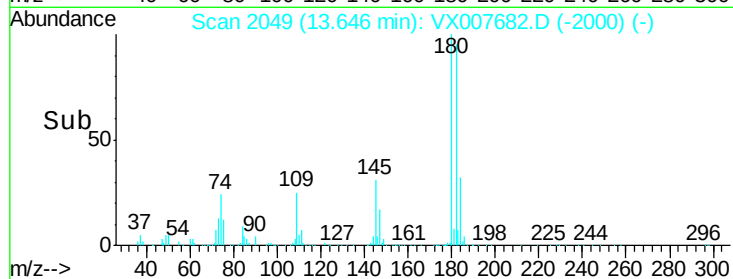
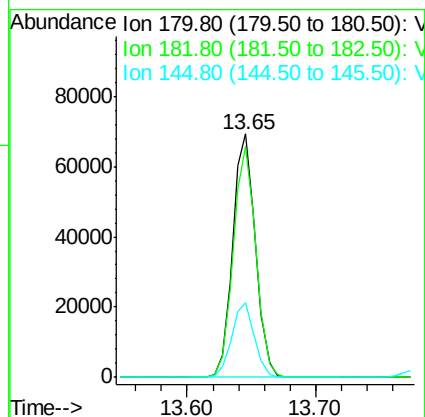
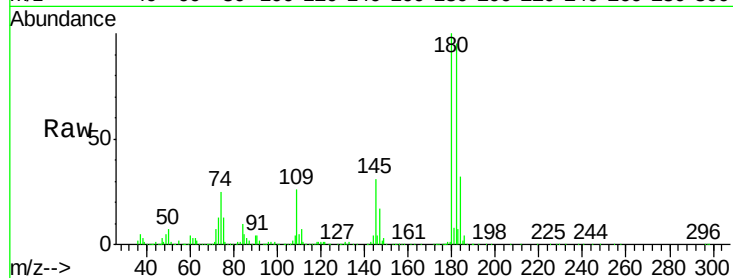




#93
 1,2,4-Trichlorobenzene
 Concen: 19.200 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

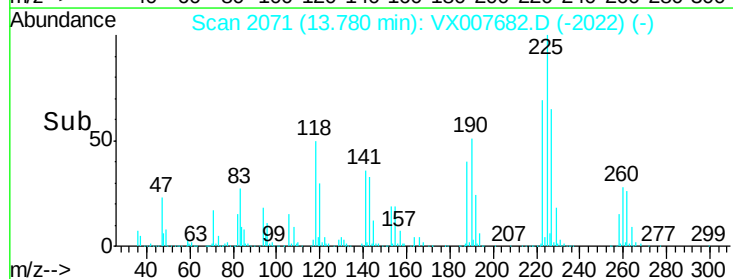
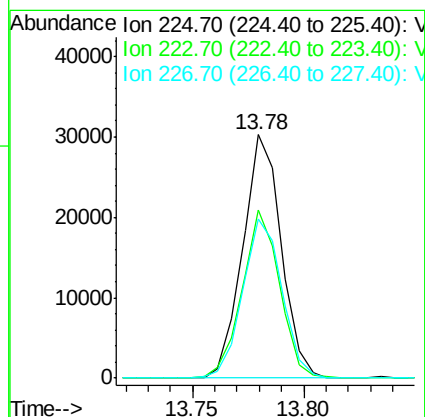
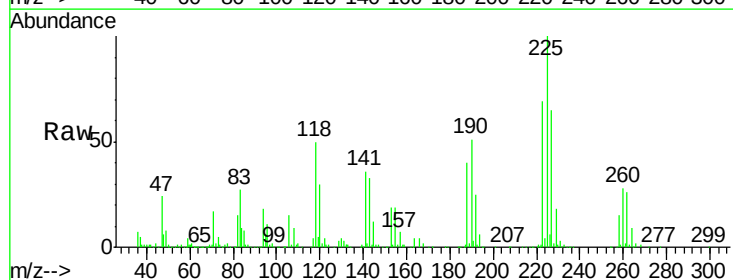
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD01

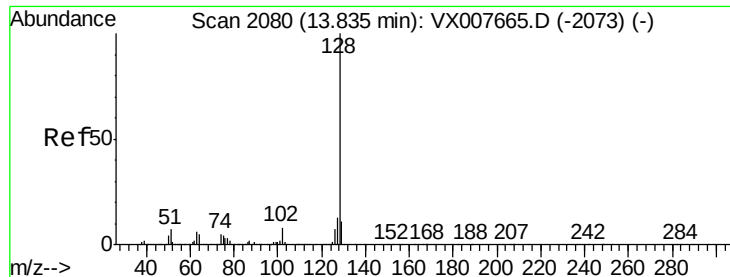
Tot Ion:180 Resp: 85682
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.3
 145 31.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 17.879 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007682.D
 Acq: 25 Feb 2019 19:00

Tgt Ion:225 Resp: 36499
 Ion Ratio Lower Upper
 225 100
 223 67.1 31.6 94.8
 227 66.7 32.1 96.3





#95

Naphthalene

Concen: 20.132 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD01

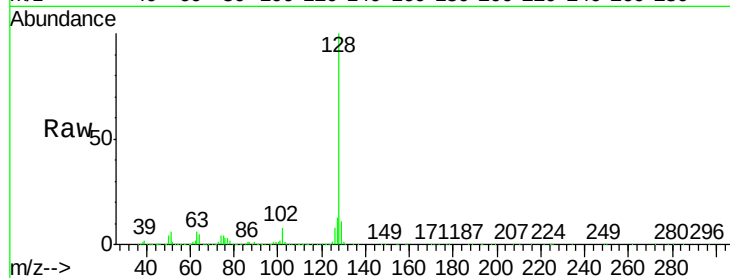
Tot Ion:128 Resp: 291062

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.1 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

300000

250000

200000

150000

100000

50000

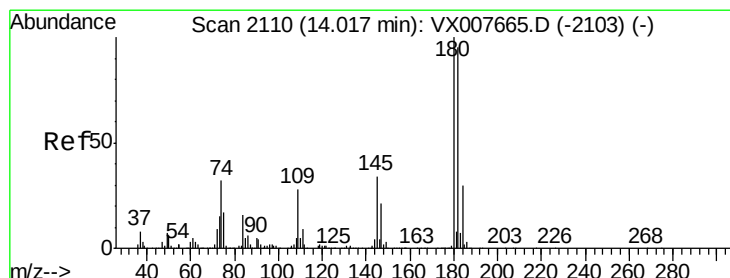
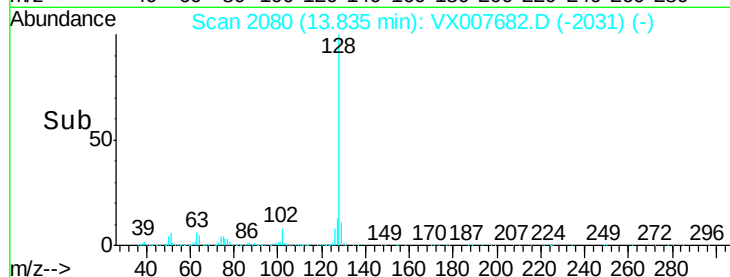
0

13.83

13.80

13.90

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.780 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007682.D

Acq: 25 Feb 2019 19:00

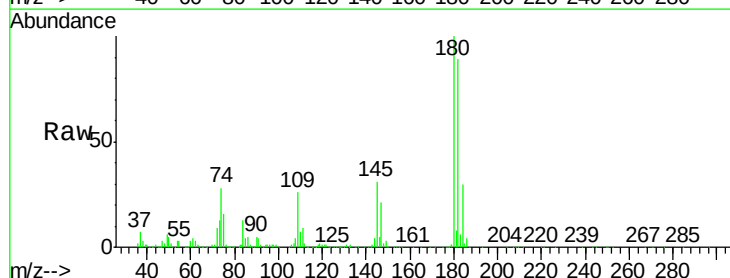
Tgt Ion:180 Resp: 88631

Ion Ratio Lower Upper

180 100

182 93.2 47.5 142.6

145 32.6 14.9 44.5



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

100000

80000

60000

40000

20000

0

14.02

13.95

14.05

14.10

Time-->

