

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030119\
 Data File : VX007784.D
 Acq On : 01 Mar 2019 12:47
 Operator : JC/SP
 Sample : VX0301WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Quant Time: Mar 01 13:42:16 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	5.66	168	300514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166890	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	5.50	113	139846	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	8.71	98	528892	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.13	95	186716	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49321	17.816	ug/l	100
3) Chloromethane	1.33	50	57725	18.817	ug/l	97
4) Vinyl Chloride	1.41	62	59850	19.016	ug/l	100
5) Bromomethane	1.64	94	33673	15.925	ug/l	98
6) Chloroethane	1.73	64	41590	20.683	ug/l	100
7) Trichlorofluoromethane	1.93	101	83536	17.314	ug/l	96
8) Diethyl Ether	2.19	74	35733	18.046	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50727	17.395	ug/l	98
10) Methyl Iodide	2.51	142	71190	19.605	ug/l	100
11) Tert butyl alcohol	3.07	59	71261	100.897	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47831	18.196	ug/l	95
13) Acrolein	2.30	56	77454	123.412	ug/l	100
14) Allyl chloride	2.73	41	99387	20.448	ug/l	93
15) Acrylonitrile	3.15	53	172304	103.668	ug/l	100
16) Acetone	2.45	43	157819	95.338	ug/l	99
17) Carbon Disulfide	2.57	76	127658	17.456	ug/l	98
18) Methyl Acetate	2.78	43	80031	22.156	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	173454	18.949	ug/l	100
20) Methylene Chloride	2.86	84	55542	18.171	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50780	17.769	ug/l	91
22) Diisopropyl ether	3.87	45	201996	19.964	ug/l	95
23) Vinyl Acetate	3.82	43	866884	97.654	ug/l	97
24) 1,1-Dichloroethane	3.70	63	104709	19.042	ug/l	99
25) 2-Butanone	4.70	43	259460	102.897	ug/l	94
26) 2,2-Dichloropropane	4.59	77	75221	17.137	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	63810	17.549	ug/l	93
28) Bromochloromethane	5.02	49	50381	18.820	ug/l	85
29) Tetrahydrofuran	5.15	42	169012	101.684	ug/l	93
30) Chloroform	5.21	83	105508	17.912	ug/l	98
31) Cyclohexane	5.58	56	93594	18.094	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	87216	17.904	ug/l	97
36) 1,1-Dichloropropene	5.80	75	76603	19.662	ug/l	97
37) Ethyl Acetate	4.85	43	95036	21.959	ug/l	100
38) Carbon Tetrachloride	5.78	117	74496	19.035	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030119\
 Data File : VX007784.D
 Acq On : 01 Mar 2019 12:47
 Operator : JC/SP
 Sample : VX0301WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Quant Time: Mar 01 13:42:16 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	91471	18.576	ug/l	93
40) Benzene	6.15	78	243065	20.210	ug/l	100
41) Methacrylonitrile	5.06	41	54345	23.515	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83048	20.544	ug/l	99
43) Isopropyl Acetate	6.46	43	144755	21.732	ug/l	98
44) Trichloroethene	7.21	130	64790	19.583	ug/l	93
45) 1,2-Dichloropropane	7.52	63	64993	20.861	ug/l	97
46) Dibromomethane	7.66	93	40574	18.668	ug/l	98
47) Bromodichloromethane	7.90	83	75893	20.149	ug/l	99
48) Methyl methacrylate	7.77	41	76437	21.892	ug/l	92
49) 1,4-Dioxane	7.75	88	30836	408.905	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	491504	110.236	ug/l	99
52) Toluene	8.78	92	150884	19.895	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80321	18.994	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91004	19.910	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	62806	19.859	ug/l	98
56) Ethyl methacrylate	9.18	69	93006	20.680	ug/l	94
57) 1,3-Dichloropropane	9.37	76	103936	20.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	256930	103.597	ug/l	97
59) 2-Hexanone	9.49	43	372139	106.312	ug/l	99
60) Dibromochloromethane	9.58	129	61036	20.057	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65458	19.935	ug/l	100
64) Tetrachloroethene	9.33	164	66964	20.952	ug/l	99
65) Chlorobenzene	10.14	112	165807	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59779	20.127	ug/l	100
67) Ethyl Benzene	10.25	91	274773	19.480	ug/l	99
68) m/p-Xylenes	10.36	106	214135	39.023	ug/l	98
69) o-Xylene	10.70	106	103114	19.536	ug/l	96
70) Styrene	10.71	104	170985	19.708	ug/l	99
71) Bromoform	10.86	173	46929	21.070	ug/l #	100
73) Isopropylbenzene	11.02	105	276086	19.464	ug/l	99
74) N-amyl acetate	10.90	43	123098	19.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93519	19.062	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	104770	24.766	ug/l	80
77) Bromobenzene	11.26	156	75624	21.256	ug/l	95
78) n-propylbenzene	11.36	91	306716	19.135	ug/l	98
79) 2-Chlorotoluene	11.42	91	186418	19.315	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	226464	19.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25308	18.076	ug/l	94
82) 4-Chlorotoluene	11.51	91	213291	18.892	ug/l	98
83) tert-Butylbenzene	11.77	119	222158	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	234352	19.636	ug/l	98
85) sec-Butylbenzene	11.94	105	269900	19.227	ug/l	99
86) p-Isopropyltoluene	12.06	119	242592	19.733	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	129652	19.646	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130203	19.265	ug/l	98
89) n-Butylbenzene	12.39	91	196787	17.949	ug/l	99
90) Hexachloroethane	12.60	117	37483	18.095	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	130608	19.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19002	17.776	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030119\
Data File : VX007784.D
Acq On : 01 Mar 2019 12:47
Operator : JC/SP
Sample : VX0301WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Quant Time: Mar 01 13:42:16 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

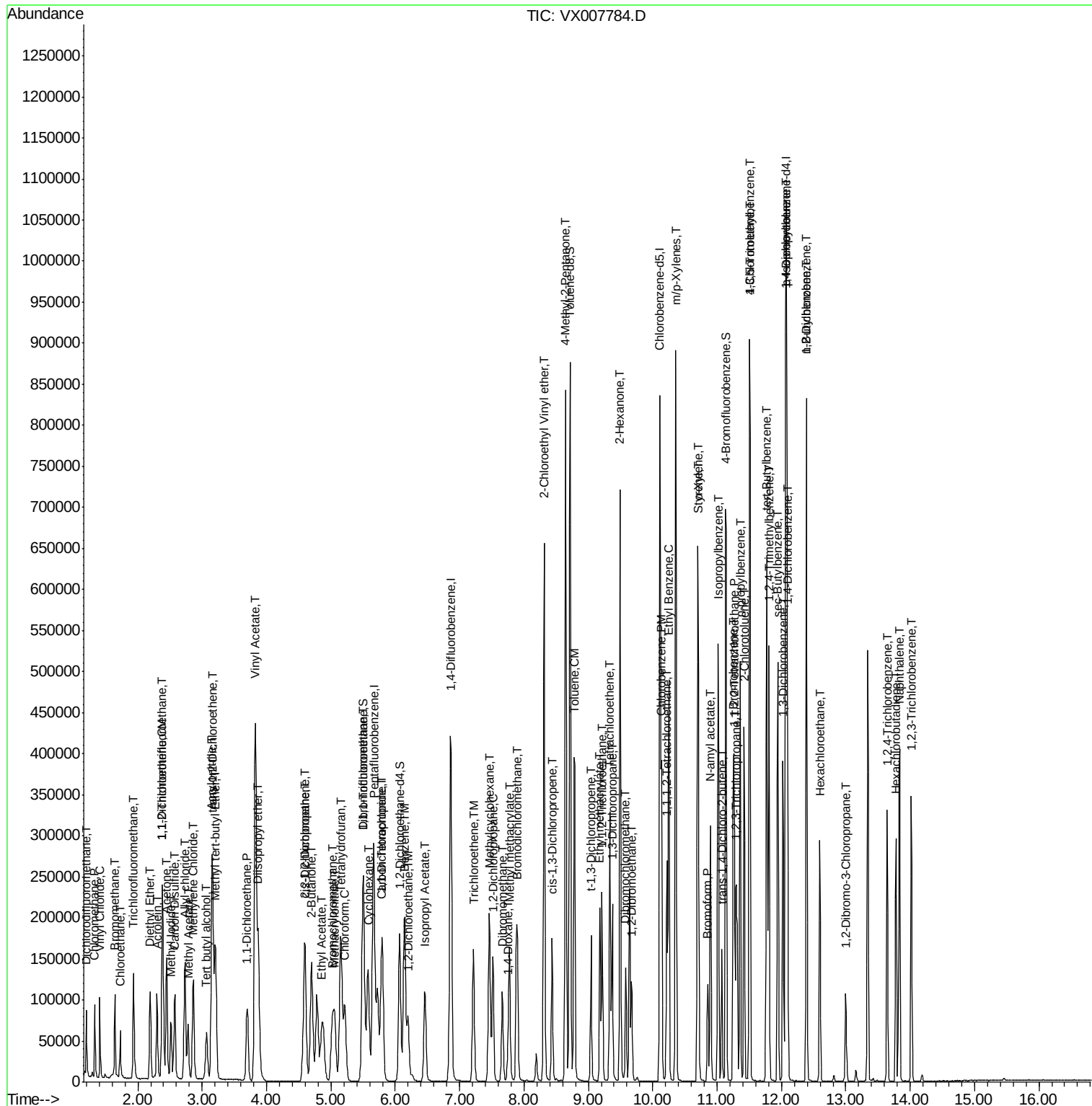
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86655	21.499	ug/l	100
94) Hexachlorobutadiene	13.78	225	48913	26.528	ug/l	98
95) Naphthalene	13.83	128	257125	19.690	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88194	21.792	ug/l	99

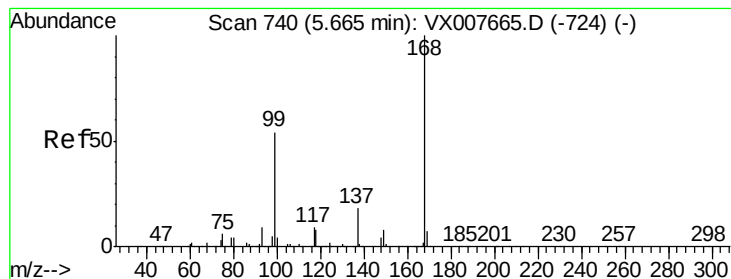
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030119\
Data File : VX007784.D
Acq On : 01 Mar 2019 12:47
Operator : JC/SP
Sample : VX0301WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0301WBS01

Quant Time: Mar 01 13:42:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

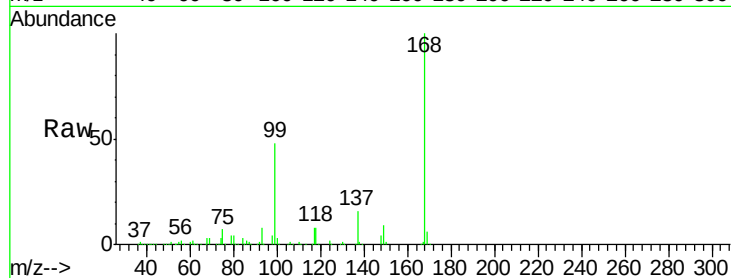
VX0301WBS01

Tgt Ion:168 Resp: 300514

Ion Ratio Lower Upper

168 100

99 48.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

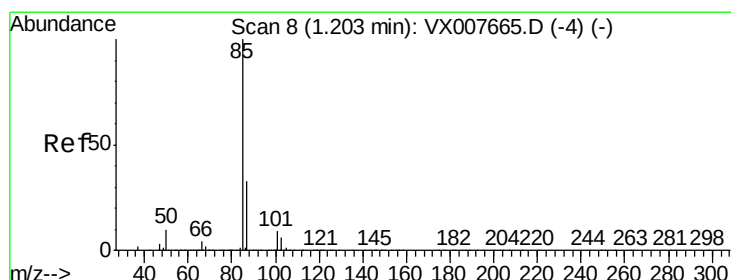
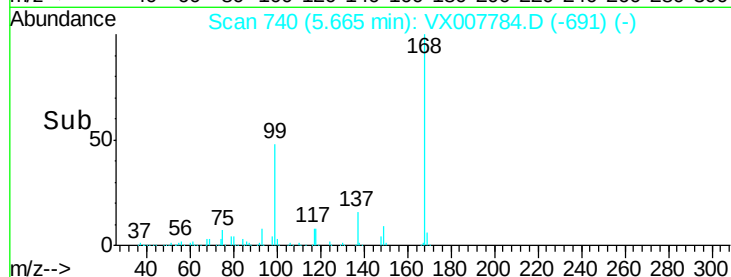
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.816 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007784.D

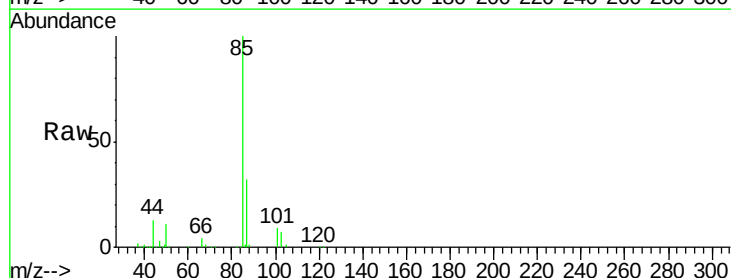
Acq: 01 Mar 2019 12:47

Tgt Ion: 85 Resp: 49321

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

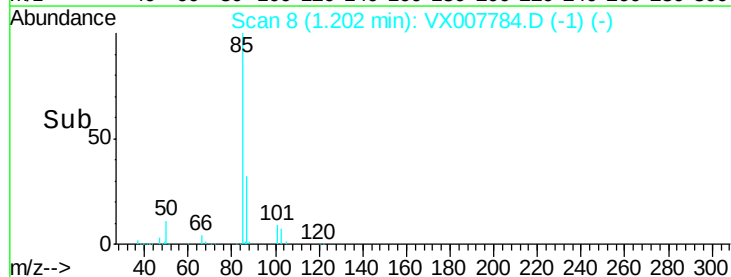
30000

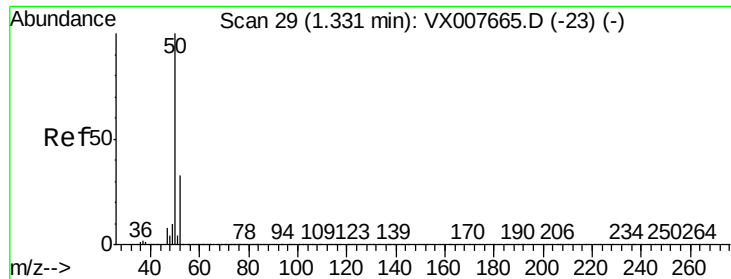
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.817 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

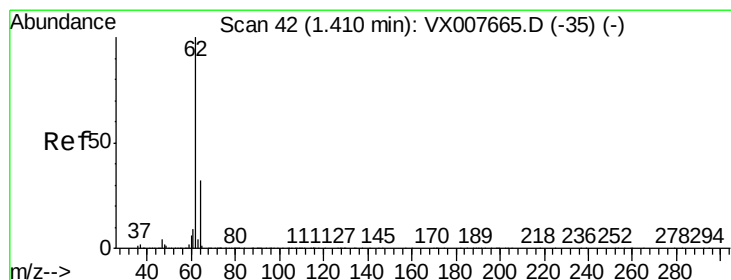
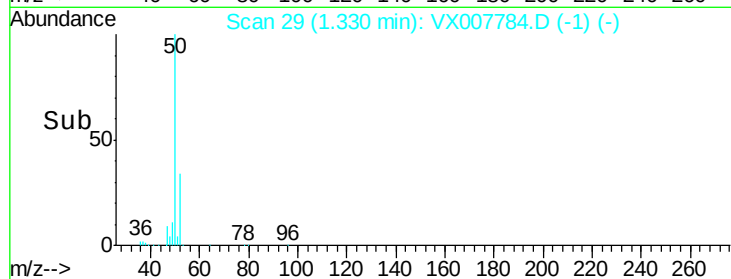
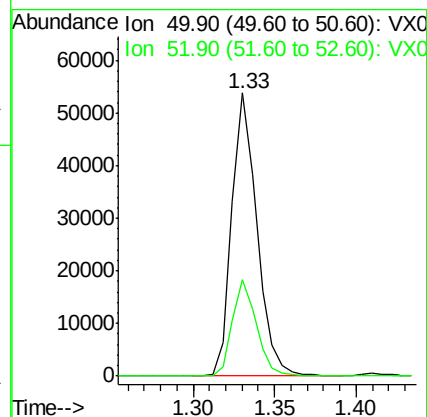
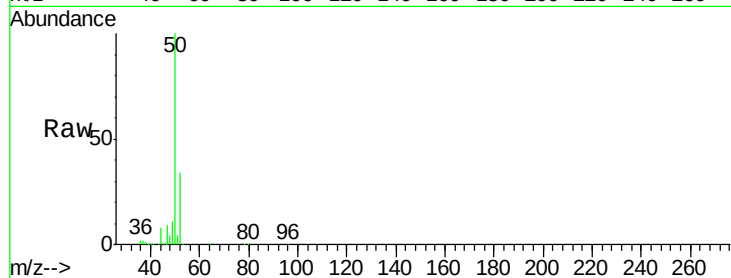
VX0301WBS01

Tgt Ion: 50 Resp: 57725

Ion Ratio Lower Upper

50 100

52 34.1 26.1 39.1



#4

Vinyl Chloride

Concen: 19.016 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007784.D

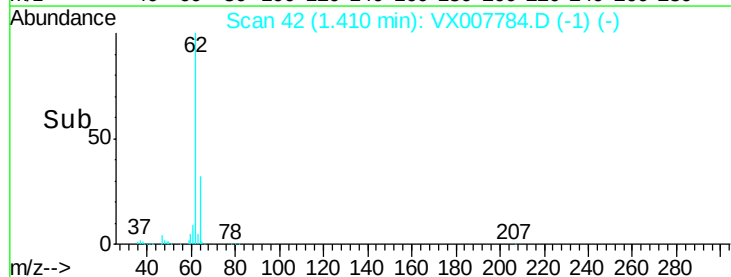
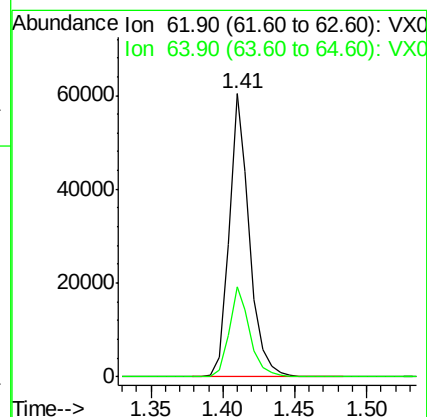
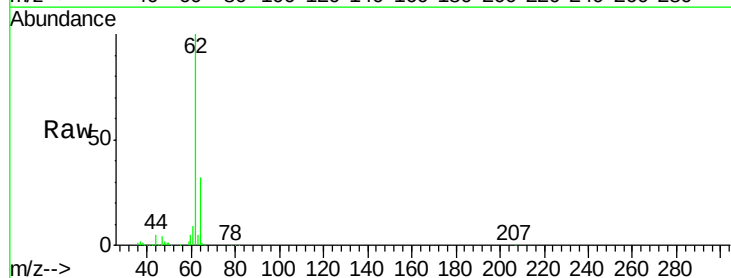
Acq: 01 Mar 2019 12:47

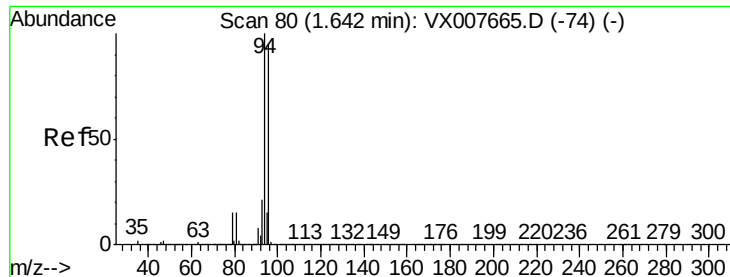
Tgt Ion: 62 Resp: 59850

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 15.925 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

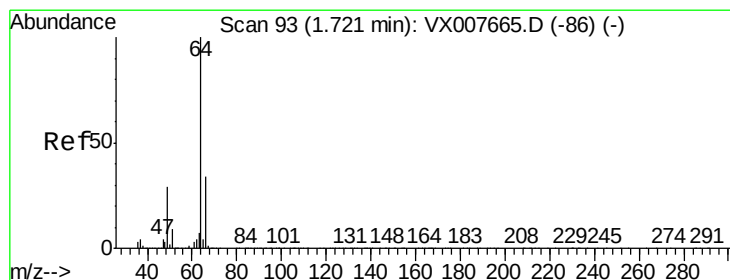
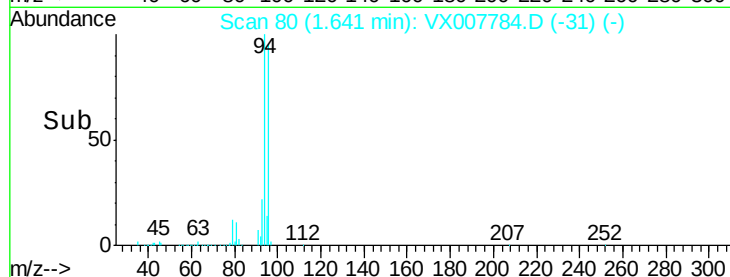
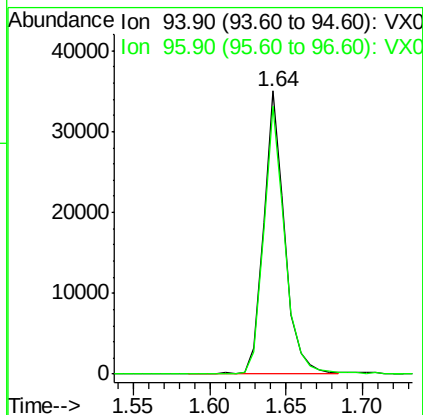
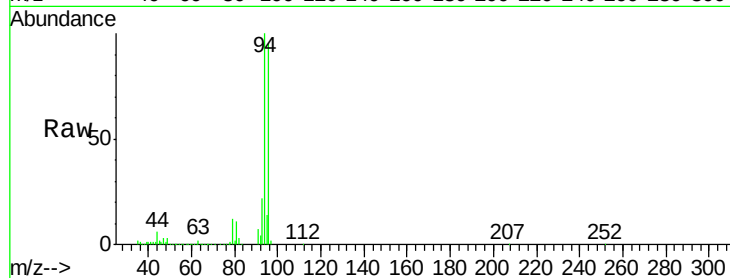
VX0301WBS01

Tgt Ion: 94 Resp: 33673

Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9



#6

Chloroethane

Concen: 20.683 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007784.D

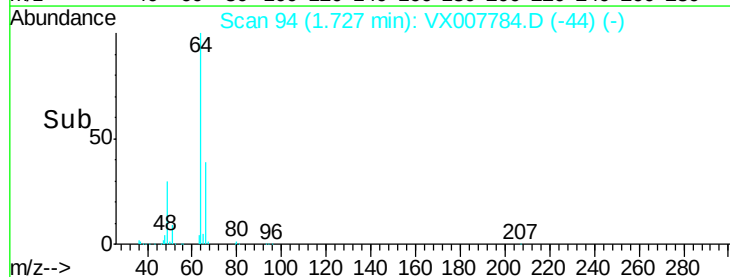
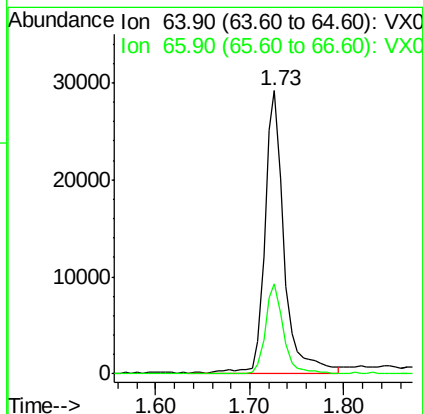
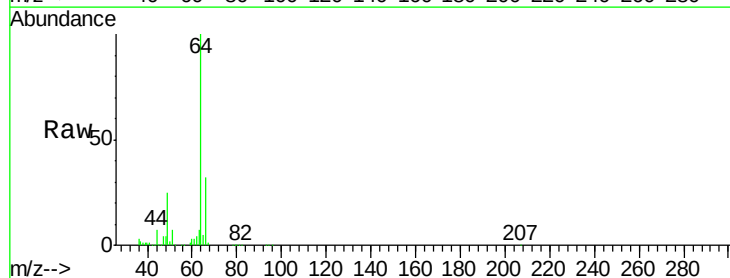
Acq: 01 Mar 2019 12:47

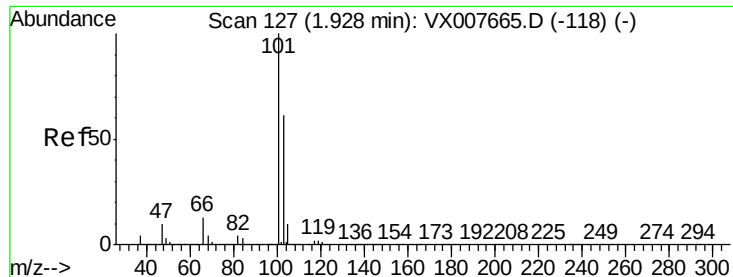
Tgt Ion: 64 Resp: 41590

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



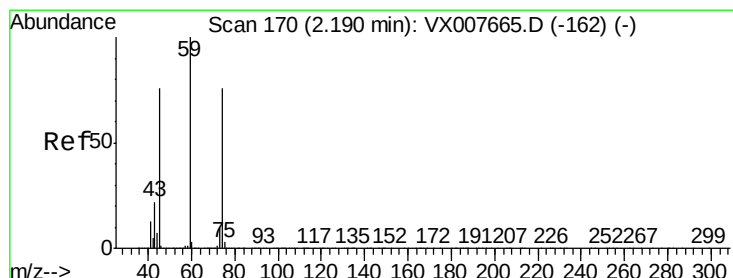
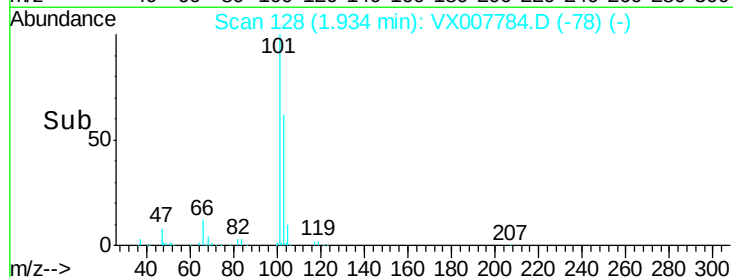
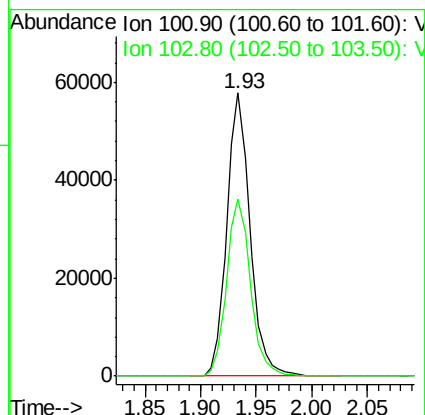
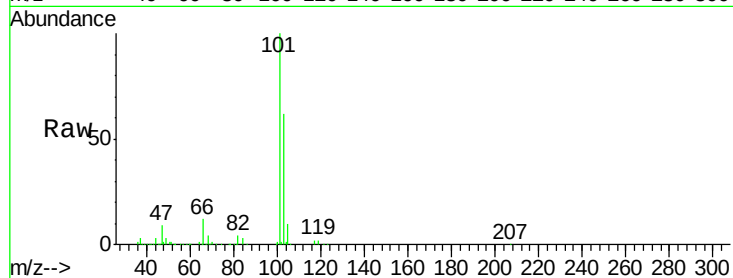


#7

Trichlorofluoromethane
 Concen: 17.314 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

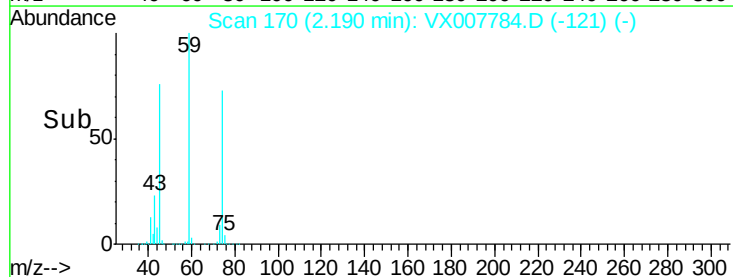
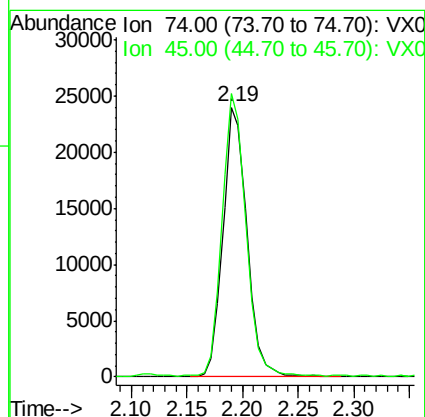
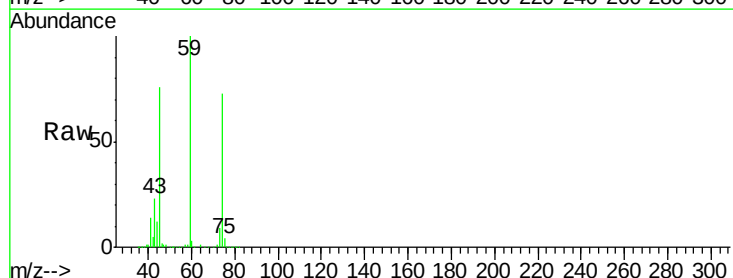
Tgt Ion:101 Resp: 83536
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.6 79.0

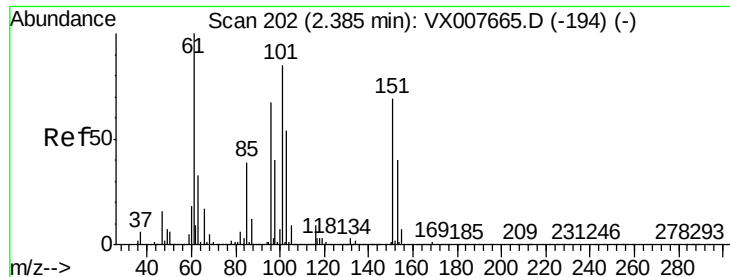


#8

Diethyl Ether
 Concen: 18.046 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion: 74 Resp: 35733
 Ion Ratio Lower Upper
 74 100
 45 103.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.395 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

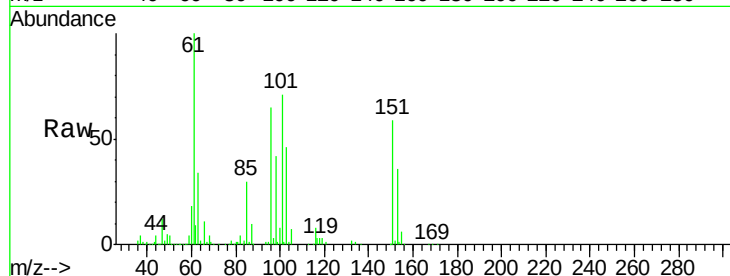
Tgt Ion:101 Resp: 50727

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

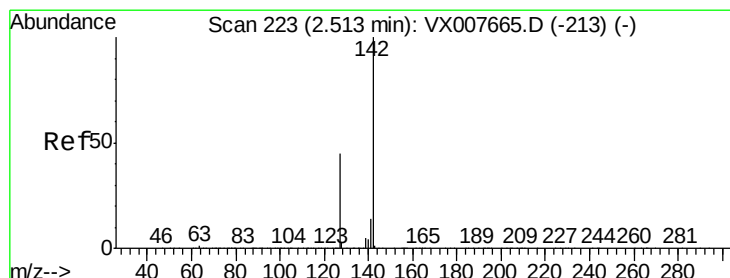
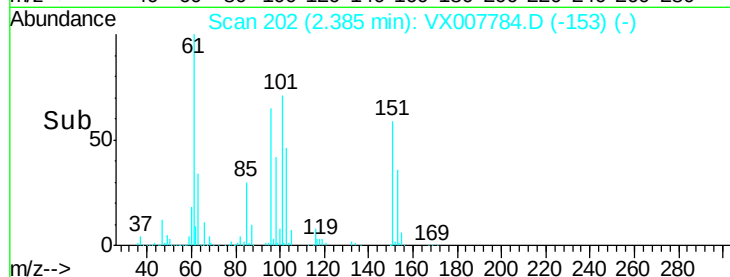
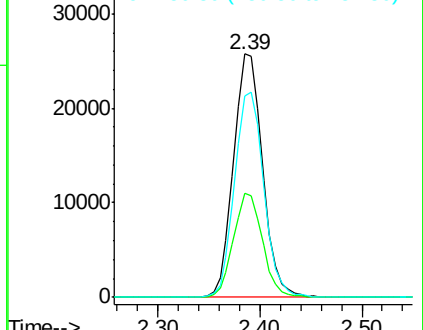
151 85.0 69.9 104.9



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: 19.605 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

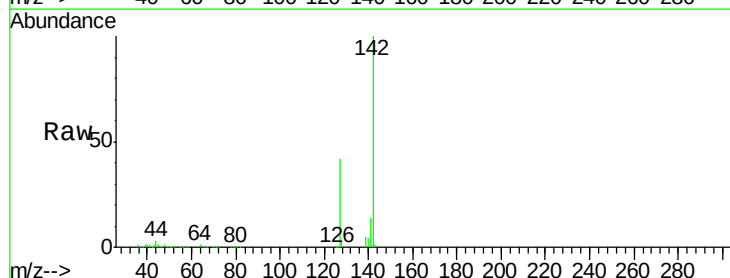
Tgt Ion:142 Resp: 71190

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

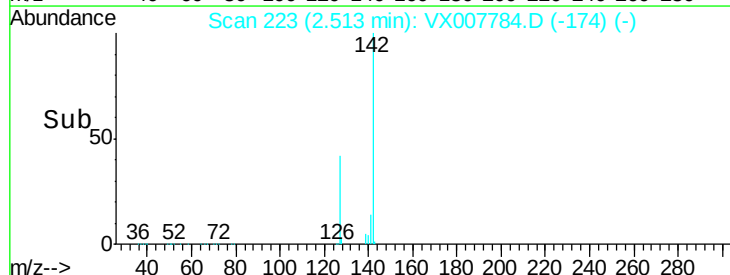
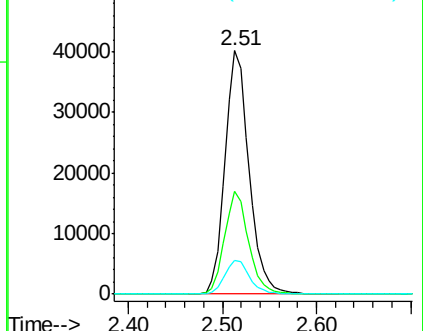
141 14.3 11.3 16.9

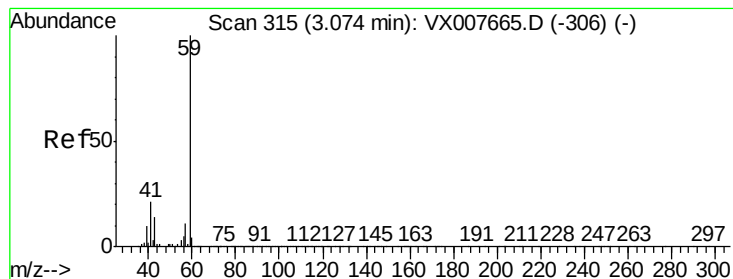


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



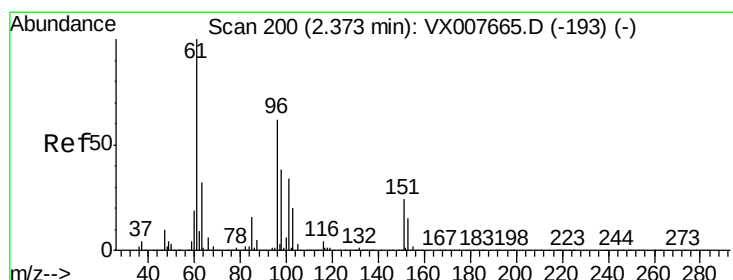
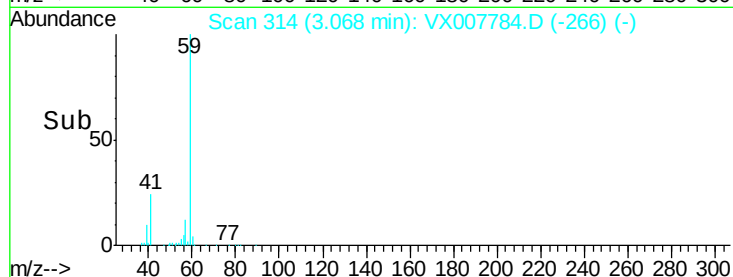
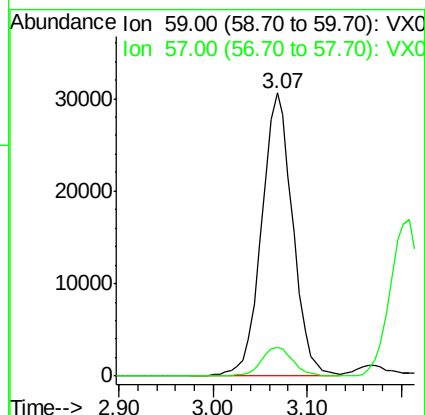
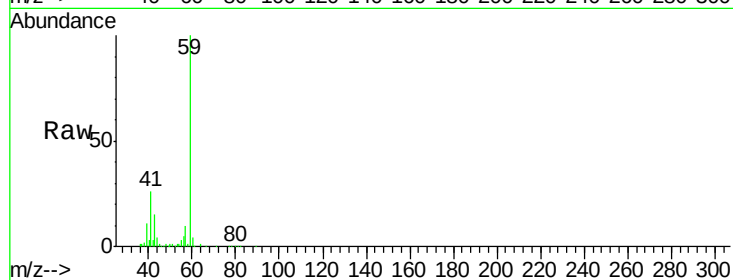


#11

Tert butyl alcohol
Concen: 100.897 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

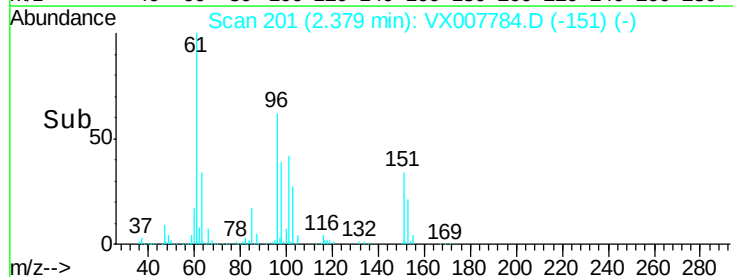
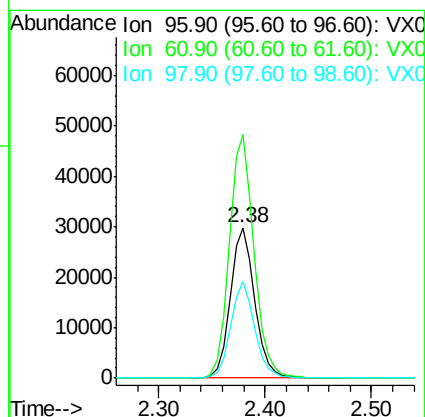
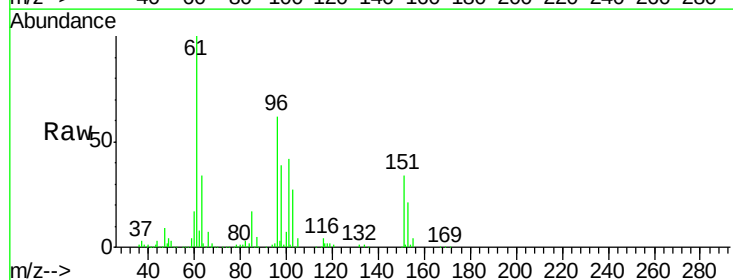
Tgt Ion: 59 Resp: 71261
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

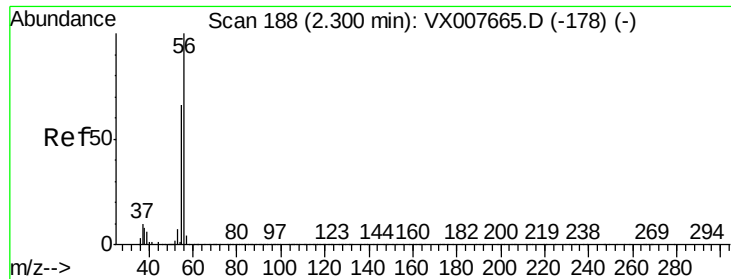


#12

1,1-Dichloroethene
Concen: 18.196 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 96 Resp: 47831
Ion Ratio Lower Upper
96 100
61 162.0 123.0 184.4
98 63.8 50.9 76.3

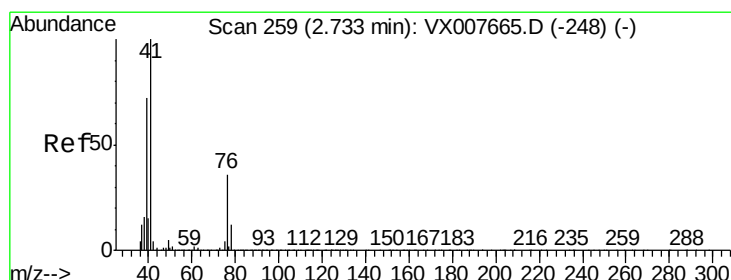
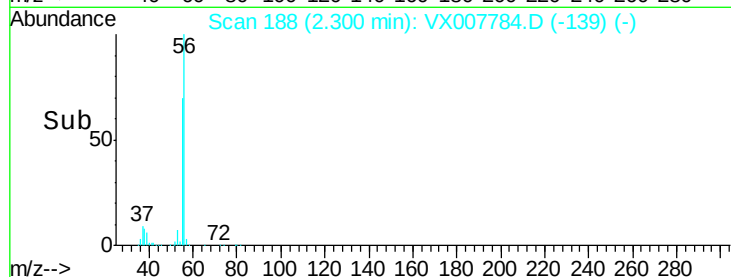
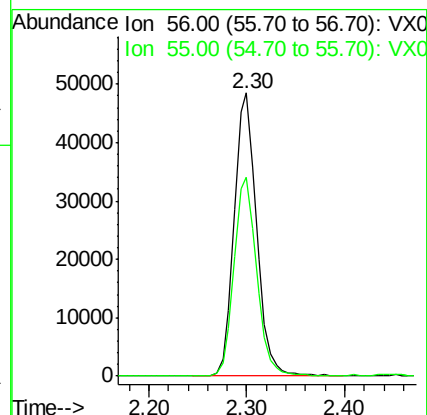
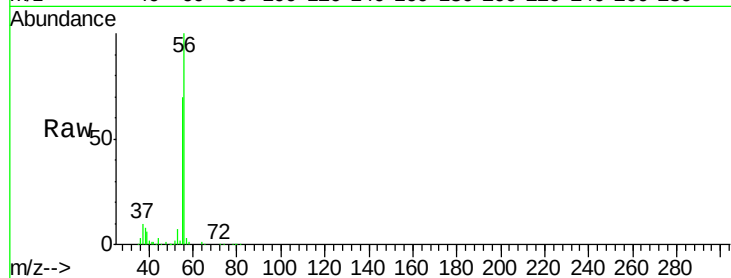




#13
Acrolein
Concen: 123.412 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

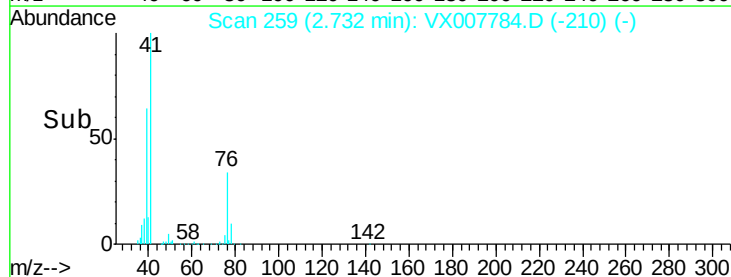
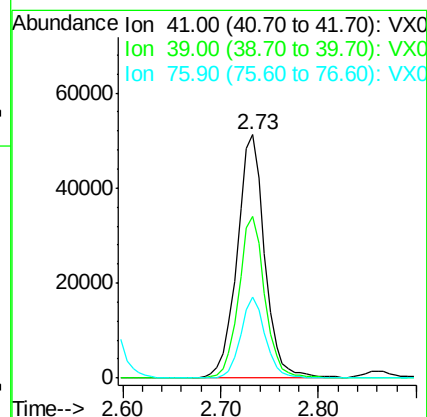
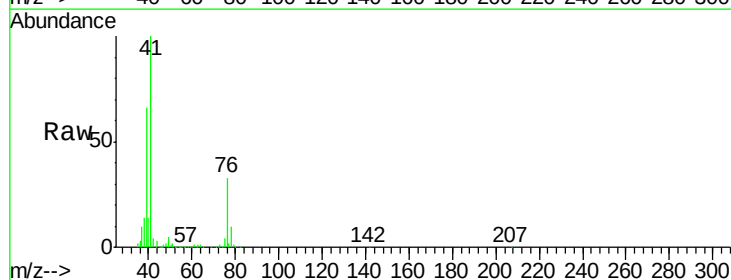
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

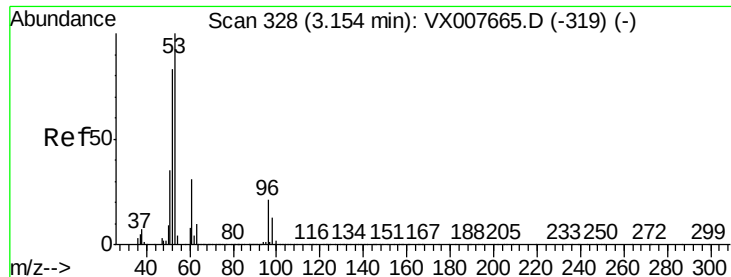
Tgt Ion: 56 Resp: 77454
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3



#14
Allyl chloride
Concen: 20.448 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 41 Resp: 99387
Ion Ratio Lower Upper
41 100
39 62.5 54.1 81.1
76 30.1 27.8 41.8





#15

Acrylonitrile

Concen: 103.668 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

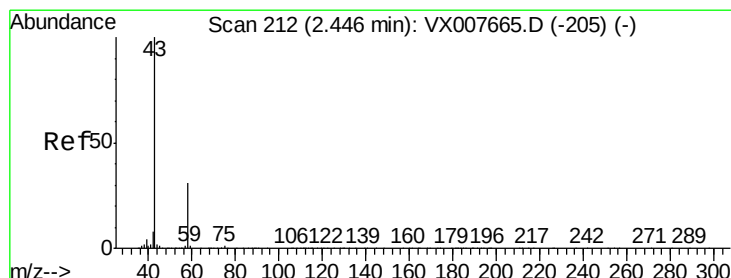
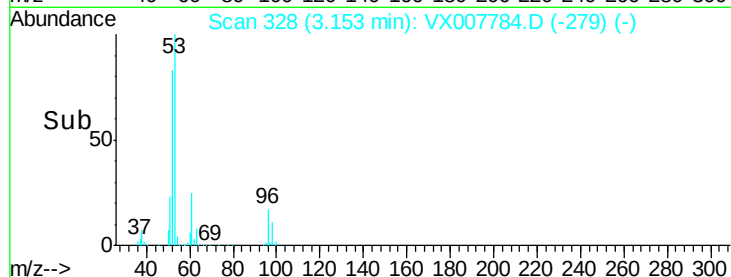
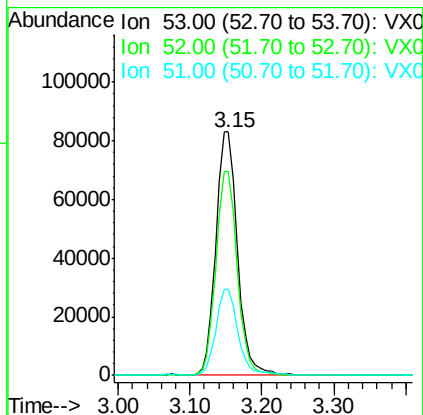
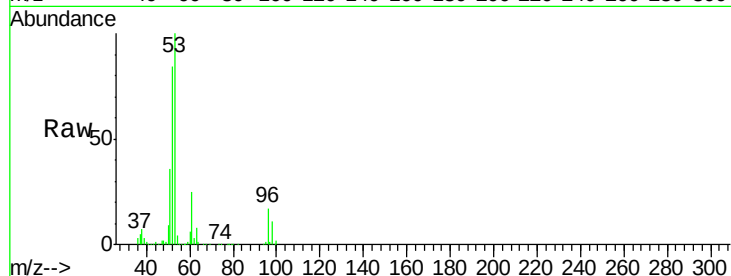
Tgt Ion: 53 Resp: 172304

Ion Ratio Lower Upper

53 100

52 82.8 66.4 99.6

51 36.1 28.4 42.6



#16

Acetone

Concen: 95.338 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007784.D

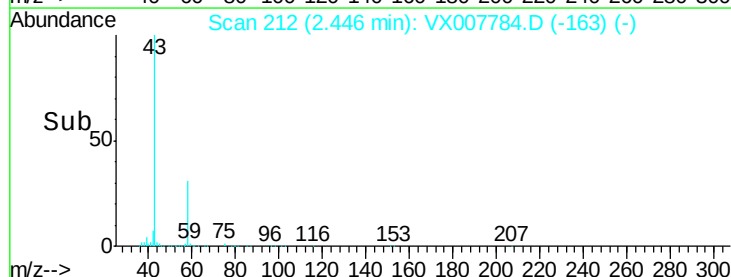
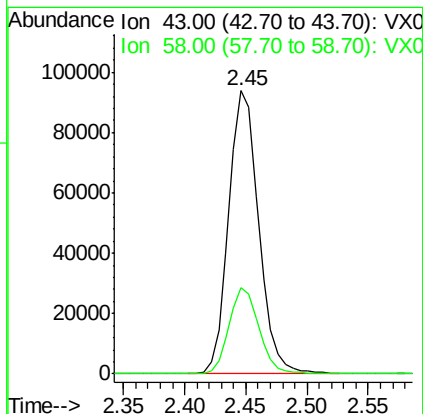
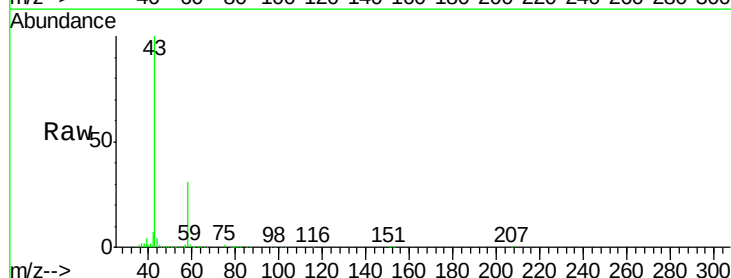
Acq: 01 Mar 2019 12:47

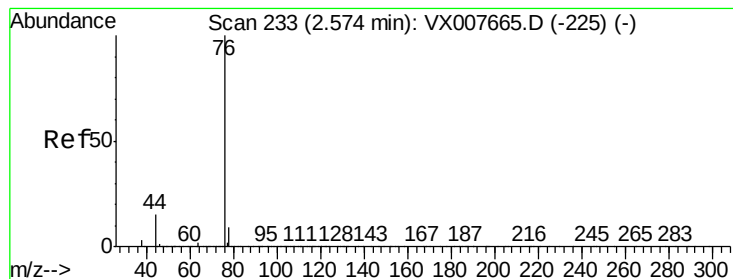
Tgt Ion: 43 Resp: 157819

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3





#17

Carbon Disulfide

Concen: 17.456 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

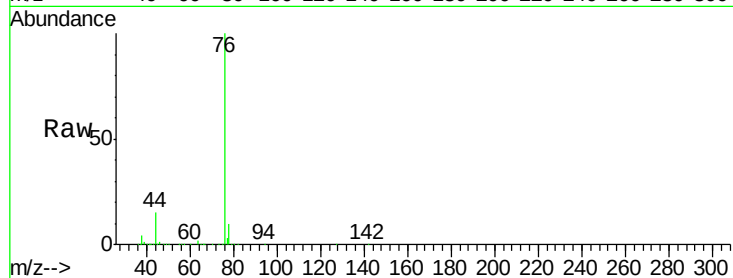
VX0301WBS01

Tgt Ion: 76 Resp: 127658

Ion Ratio Lower Upper

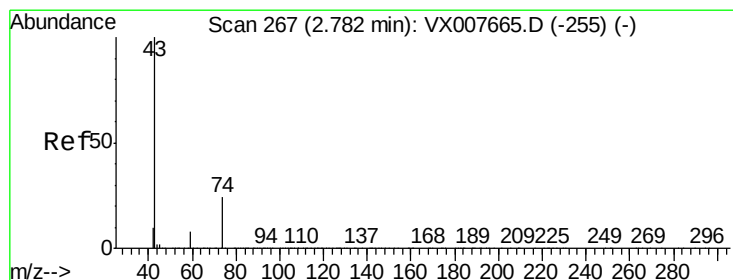
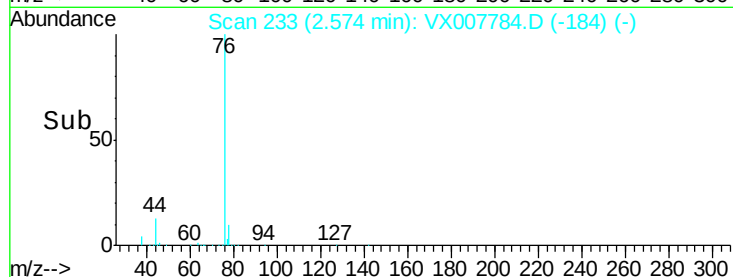
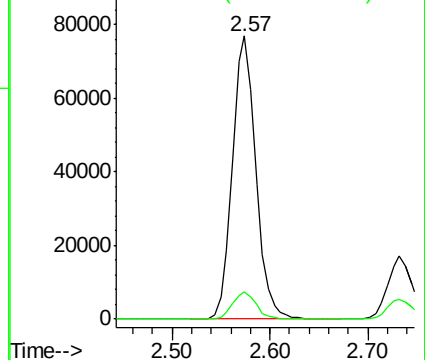
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.156 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007784.D

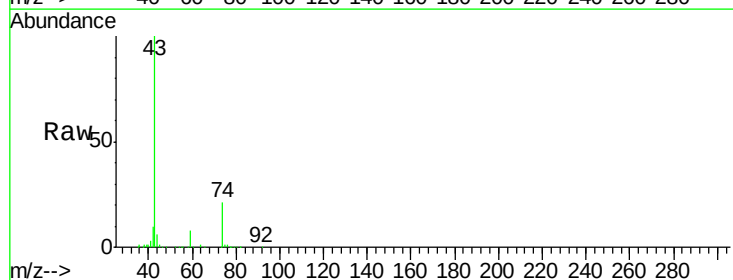
Acq: 01 Mar 2019 12:47

Tgt Ion: 43 Resp: 80031

Ion Ratio Lower Upper

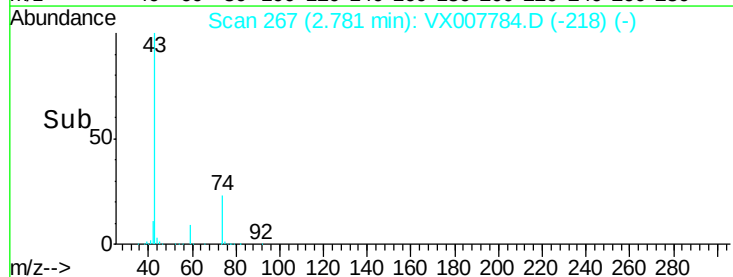
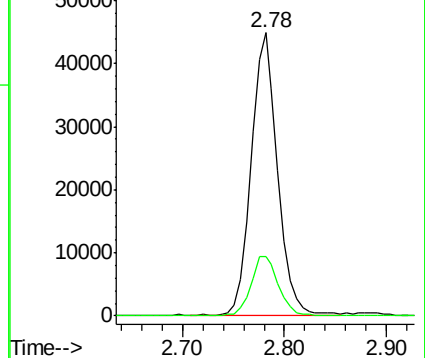
43 100

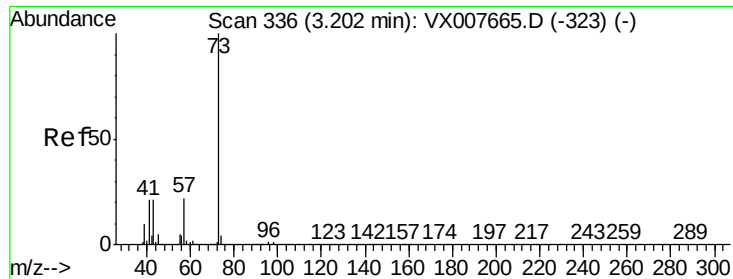
74 22.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

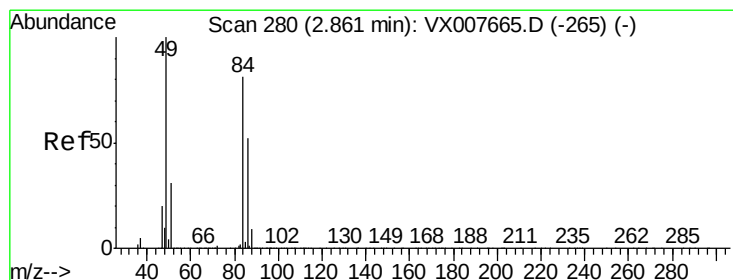
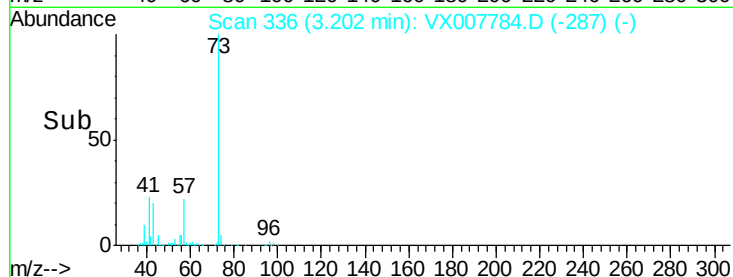
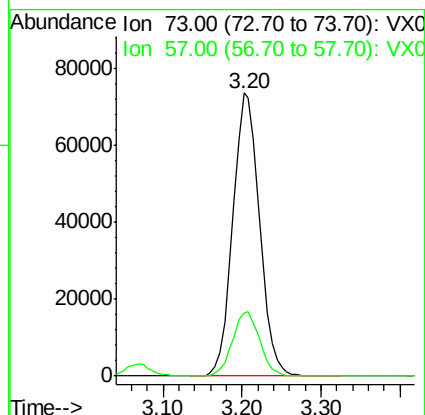
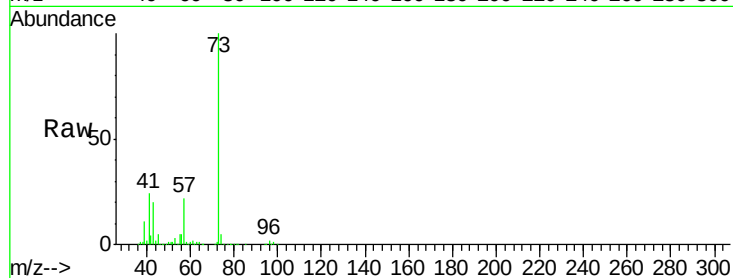




#19
Methyl tert-butyl Ether
Concen: 18.949 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

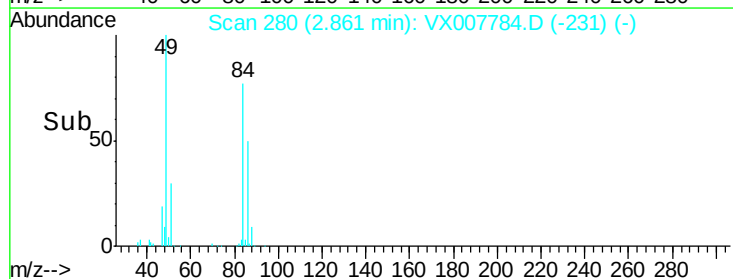
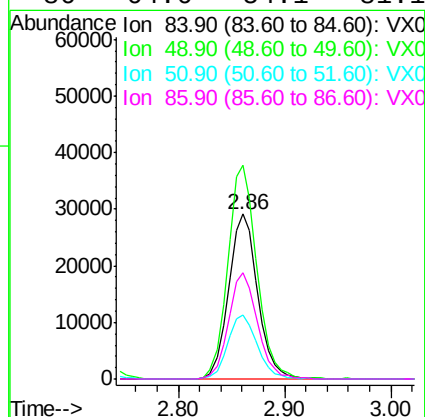
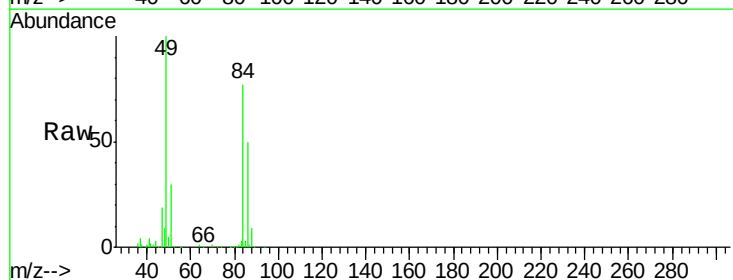
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

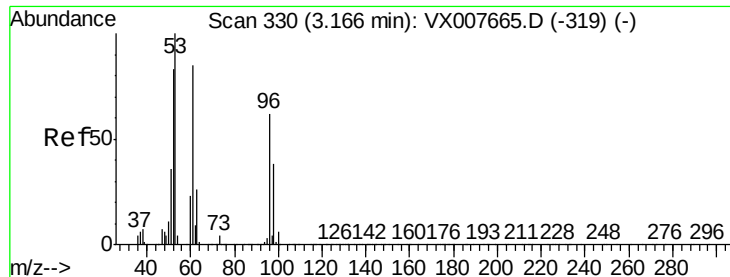
Tgt Ion: 73 Resp: 173454
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 18.171 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 84 Resp: 55542
Ion Ratio Lower Upper
84 100
49 129.4 94.8 142.2
51 38.7 29.8 44.8
86 64.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.769 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

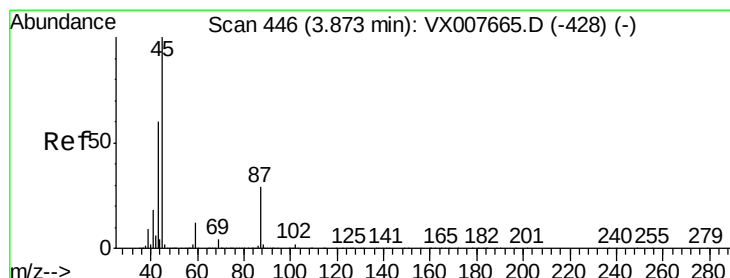
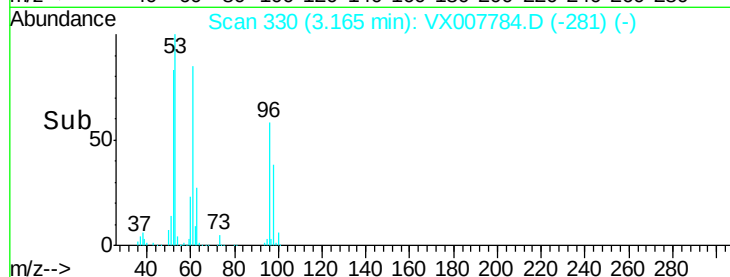
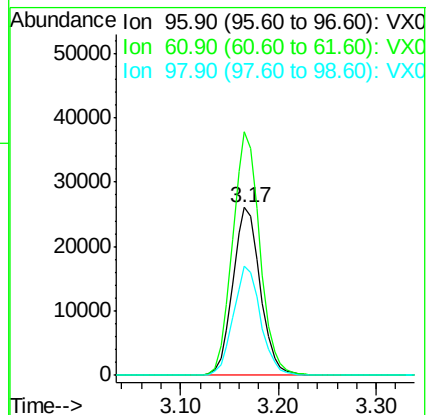
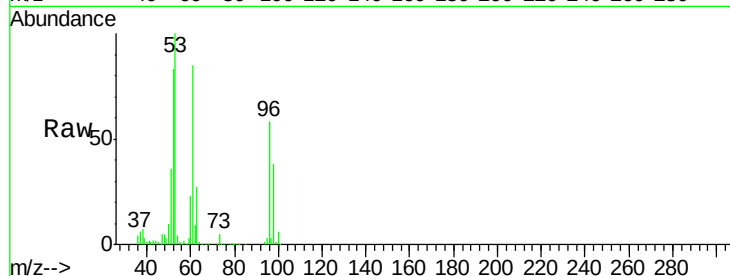
Tgt Ion: 96 Resp: 50780

Ion Ratio Lower Upper

96 100

61 144.9 104.6 156.8

98 65.4 51.0 76.4



#22

Diisopropyl ether

Concen: 19.964 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion: 45 Resp: 201996

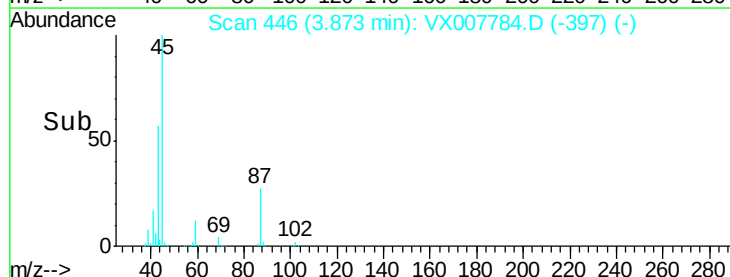
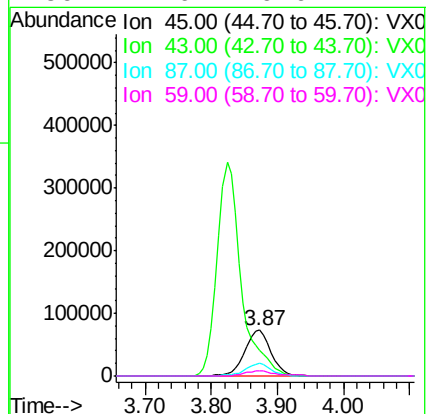
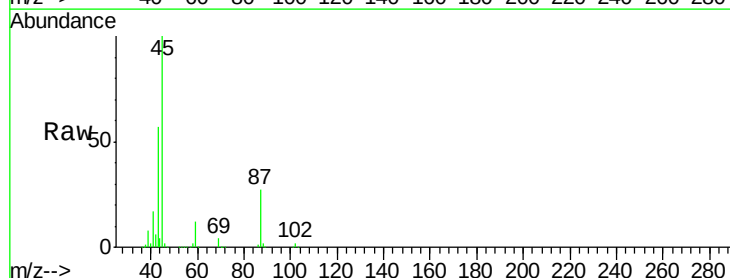
Ion Ratio Lower Upper

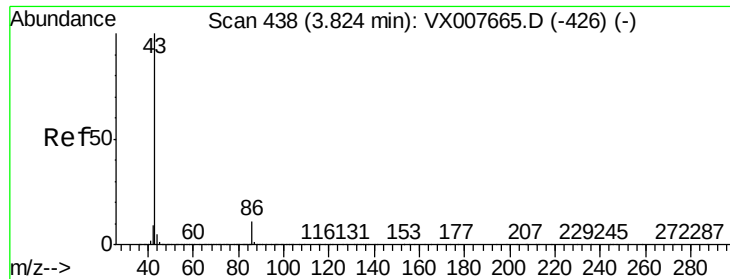
45 100

43 57.0 48.9 73.3

87 27.2 23.9 35.9

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 97.654 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

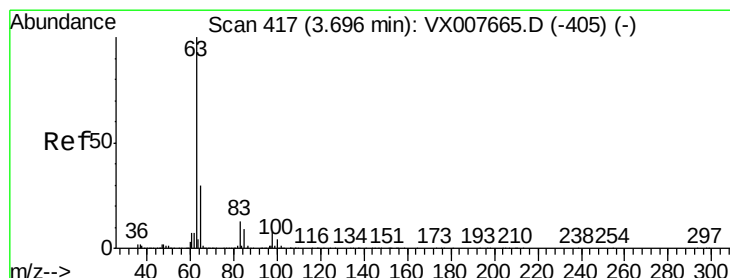
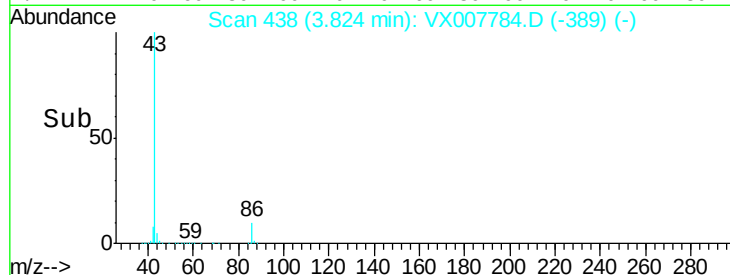
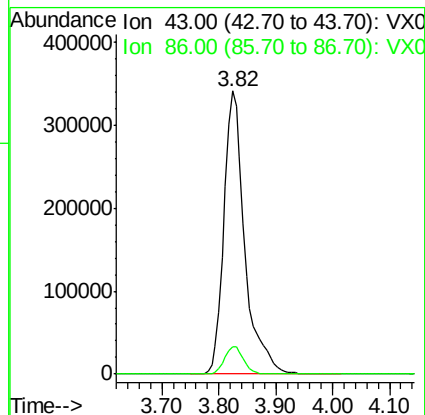
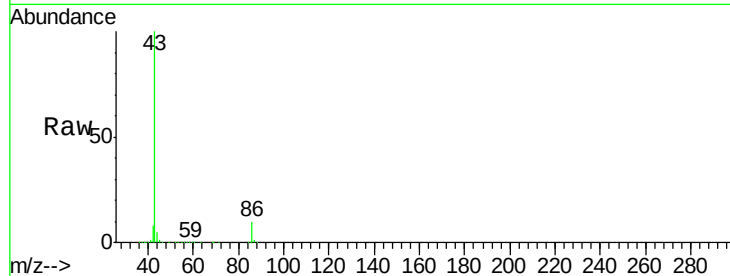
VX0301WBS01

Tgt Ion: 43 Resp: 866884

Ion Ratio Lower Upper

43 100

86 9.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.042 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

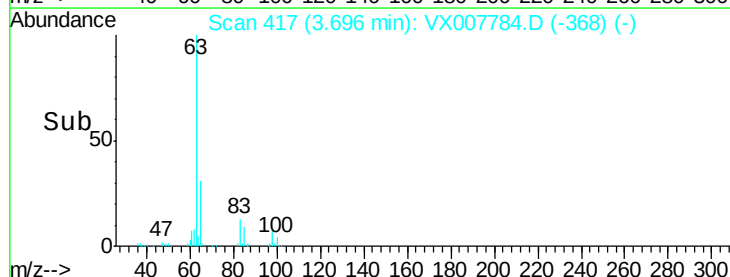
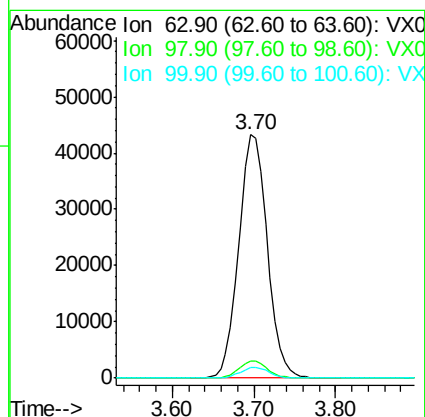
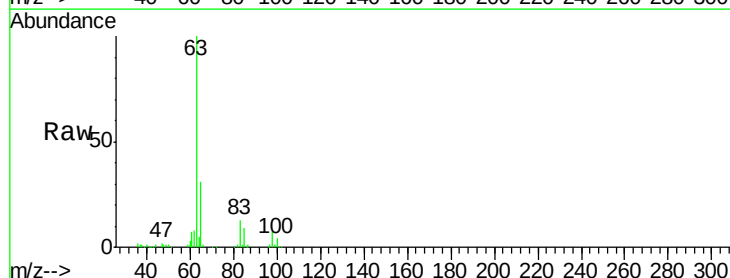
Tgt Ion: 63 Resp: 104709

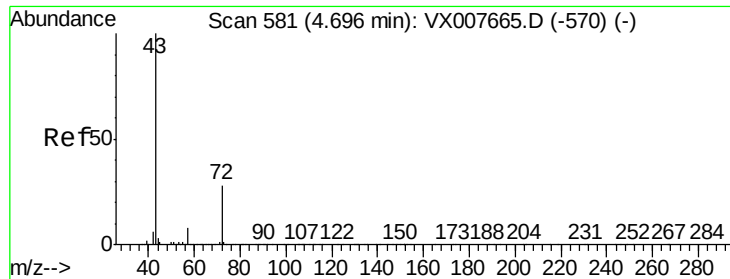
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 102.897 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

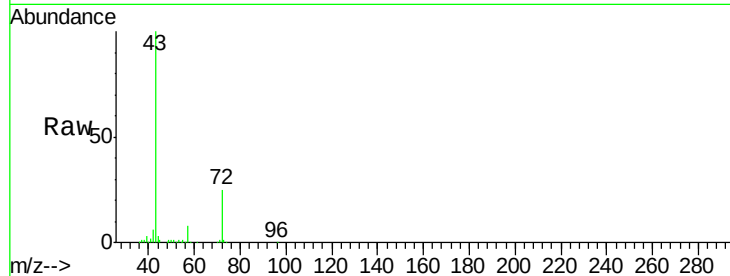
VX0301WBS01

Tgt Ion: 43 Resp: 259460

Ion Ratio Lower Upper

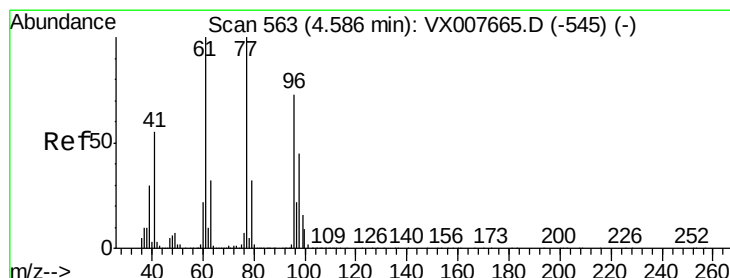
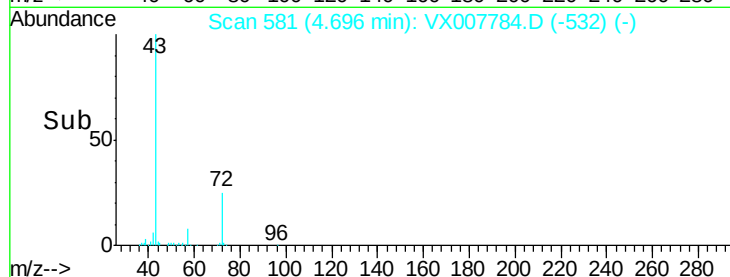
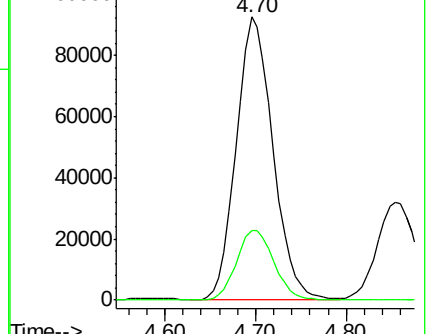
43 100

72 24.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.137 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007784.D

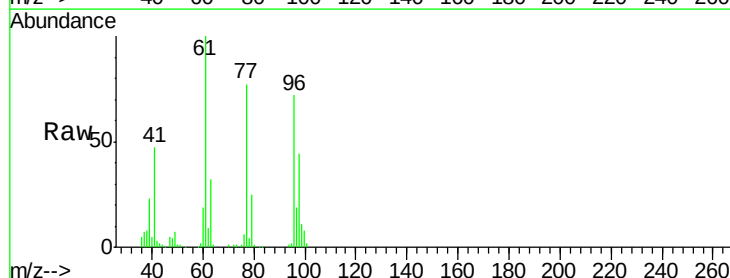
Acq: 01 Mar 2019 12:47

Tgt Ion: 77 Resp: 75221

Ion Ratio Lower Upper

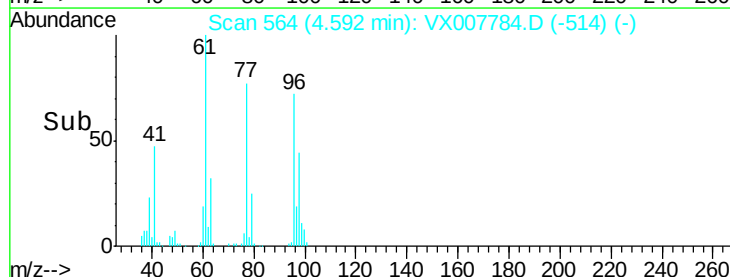
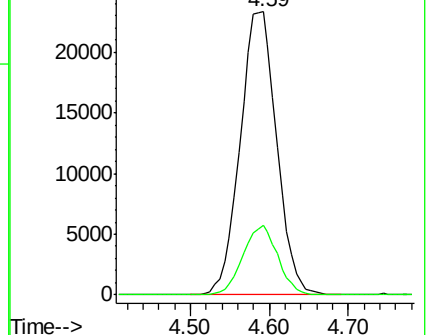
77 100

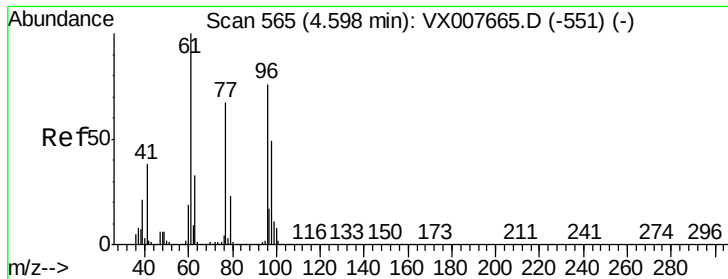
97 23.4 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



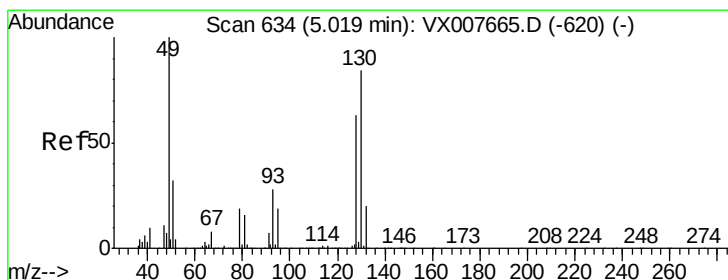
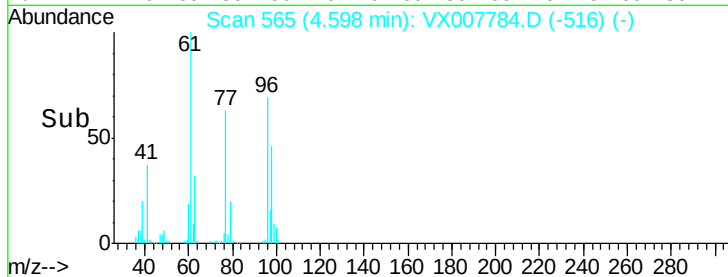
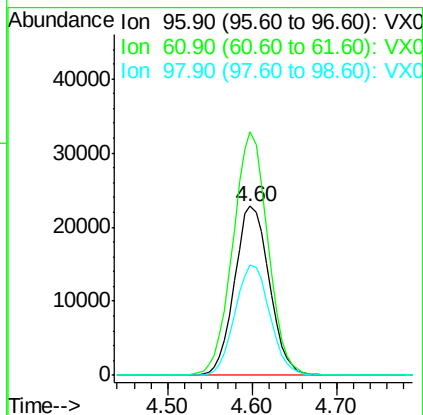
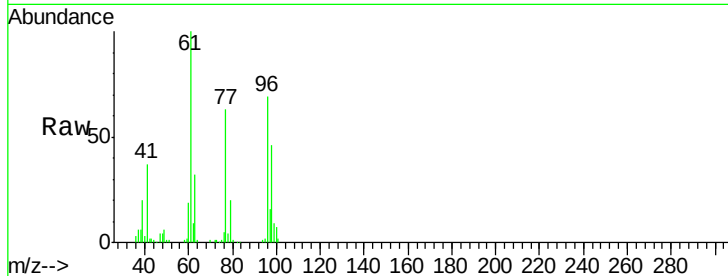


#27

cis-1,2-Dichloroethene
Concen: 17.549 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

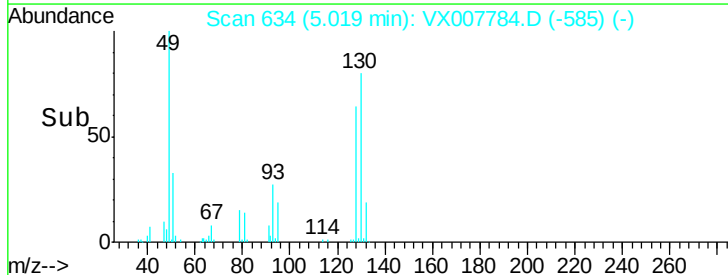
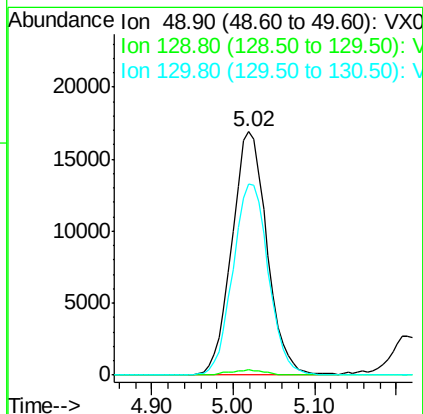
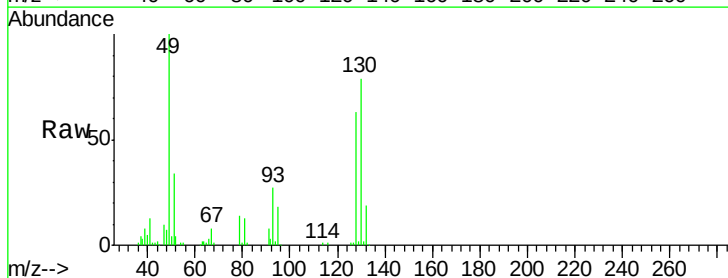
Tgt Ion: 96 Resp: 63810
Ion Ratio Lower Upper
96 100
61 144.8 0.0 265.6
98 65.5 0.0 131.6

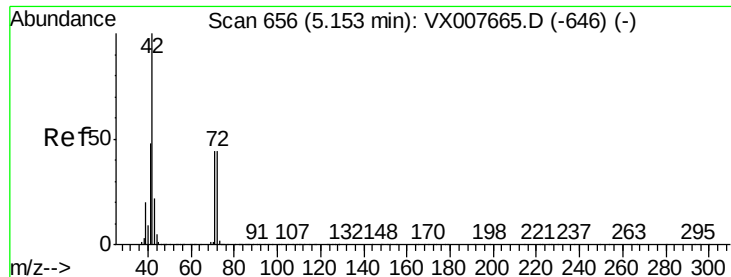


#28

Bromochloromethane
Concen: 18.820 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 49 Resp: 50381
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.6
130 79.6 75.6 113.4





#29

Tetrahydrofuran

Concen: 101.684 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

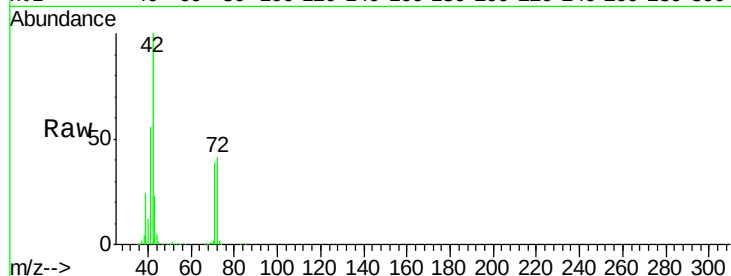
Tgt Ion: 42 Resp: 169012

Ion Ratio Lower Upper

42 100

72 42.3 37.6 56.4

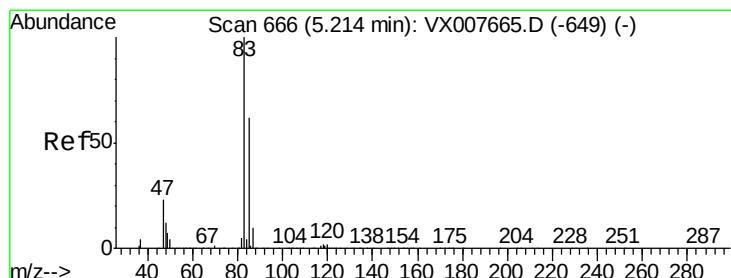
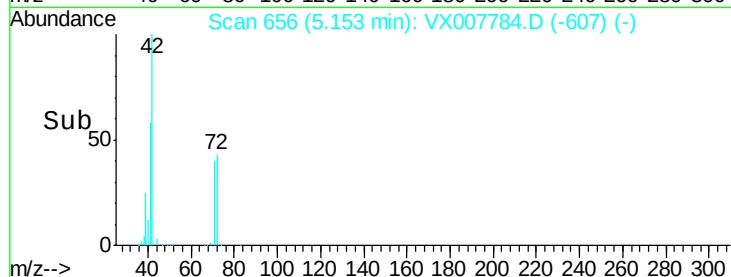
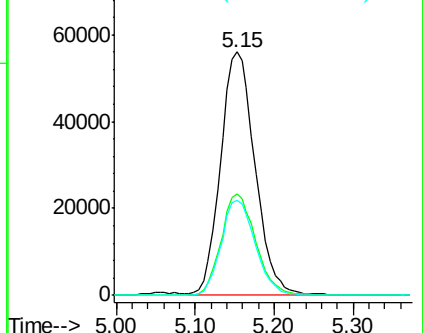
71 39.2 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.912 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007784.D

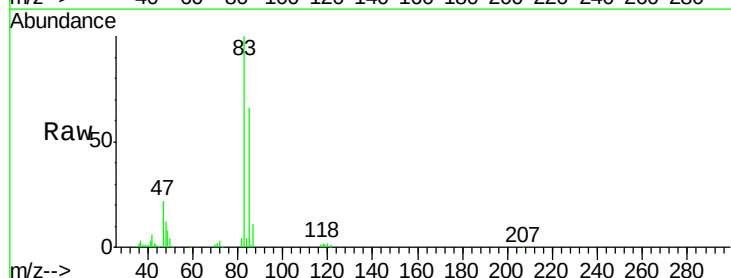
Acq: 01 Mar 2019 12:47

Tgt Ion: 83 Resp: 105508

Ion Ratio Lower Upper

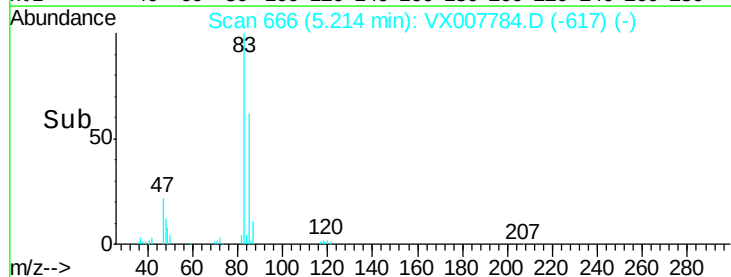
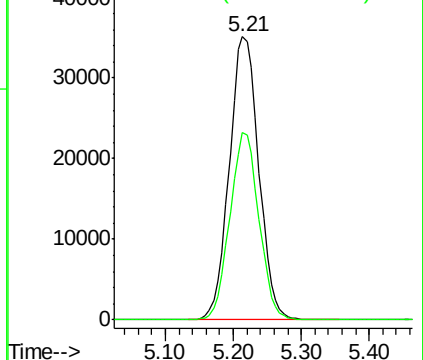
83 100

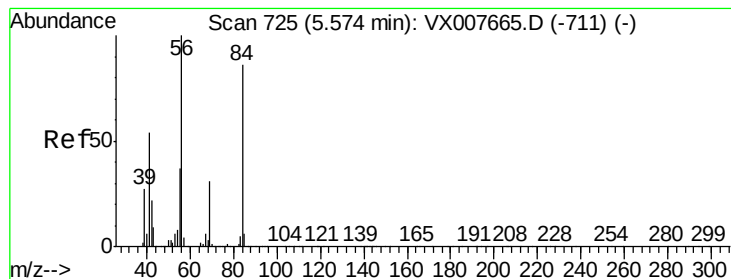
85 66.3 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.094 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

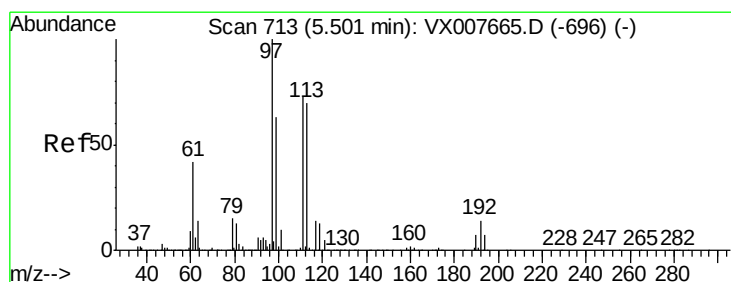
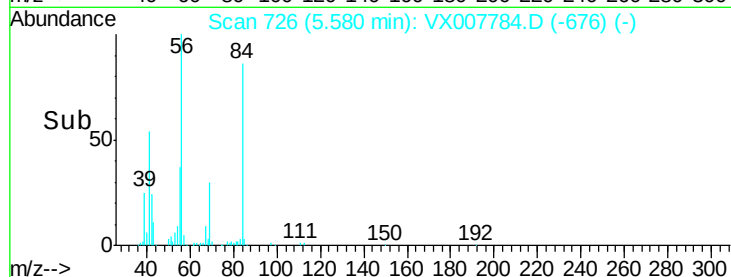
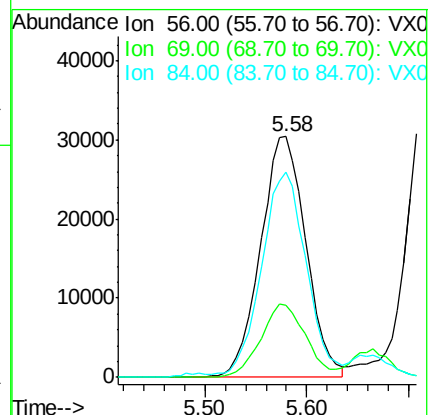
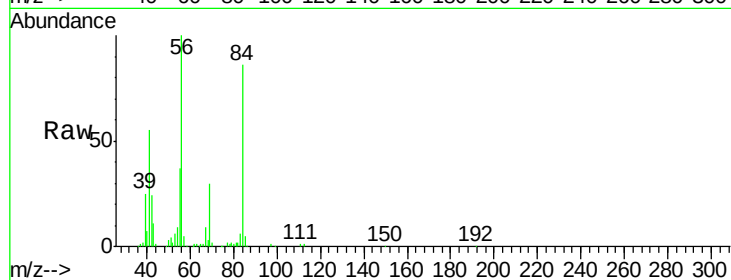
Tgt Ion: 56 Resp: 93594

Ion Ratio Lower Upper

56 100

69 30.1 23.0 34.6

84 84.4 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 17.904 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

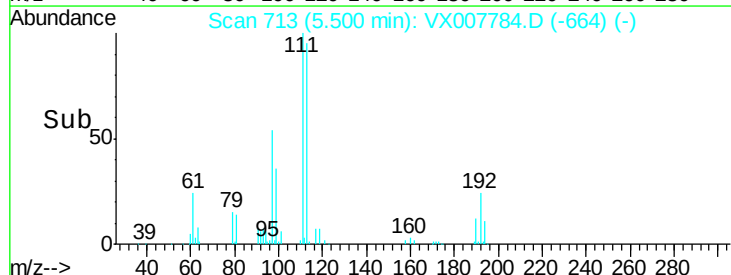
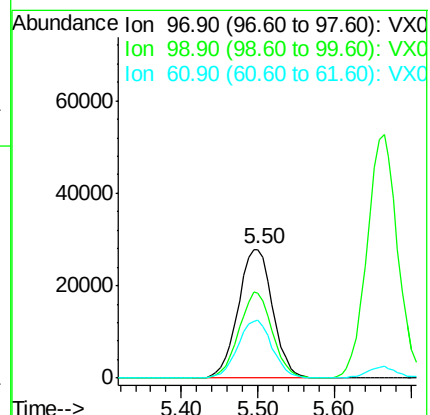
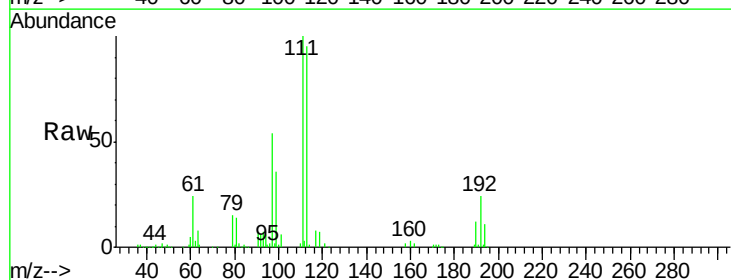
Tgt Ion: 97 Resp: 87216

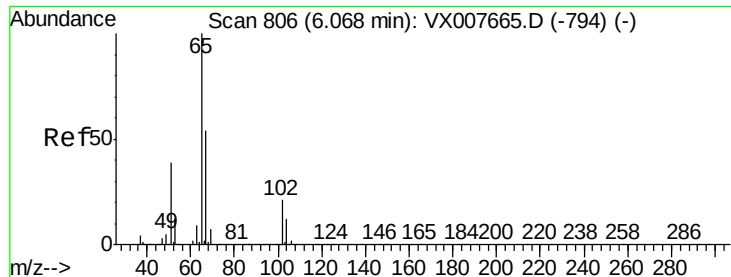
Ion Ratio Lower Upper

97 100

99 64.4 52.2 78.2

61 44.7 32.7 49.1

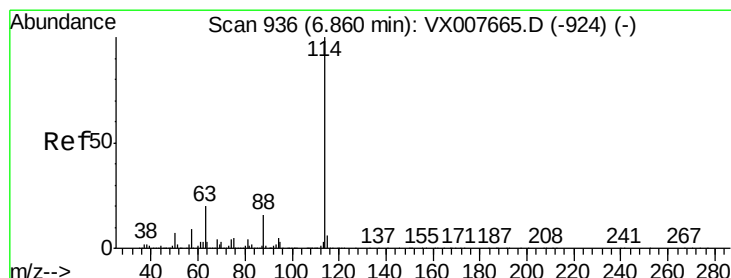
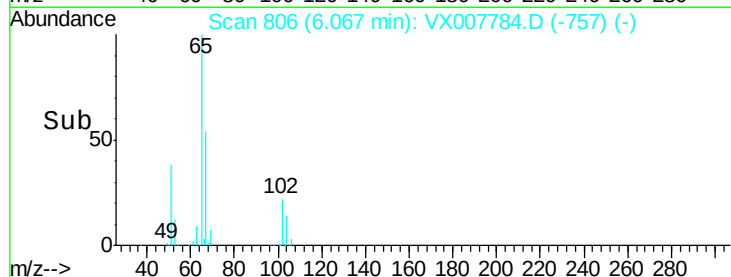
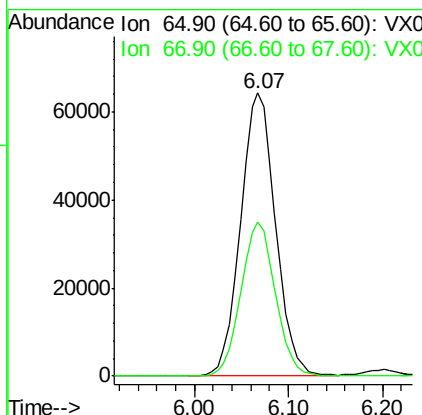
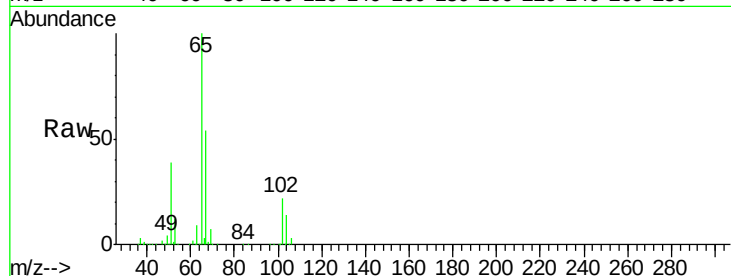




#33
 1,2-Dichloroethane-d4
 Concen: 44.834 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

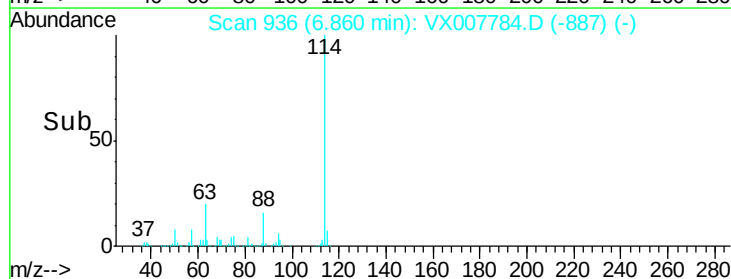
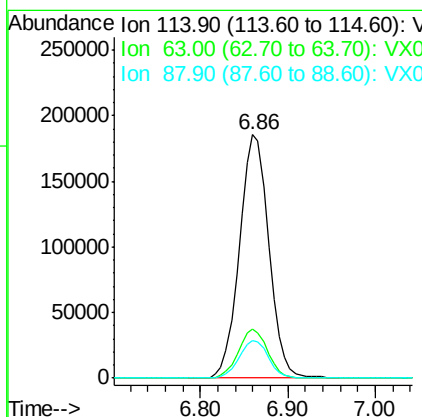
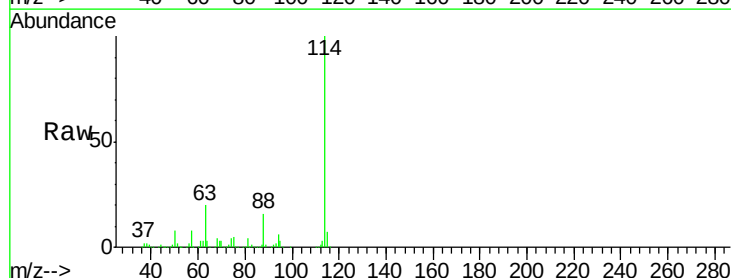
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

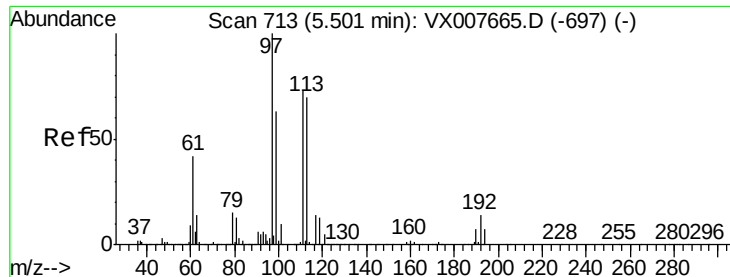
Tgt Ion: 65 Resp: 166890
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion: 114 Resp: 433362
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 35.6
 88 15.6 0.0 29.6

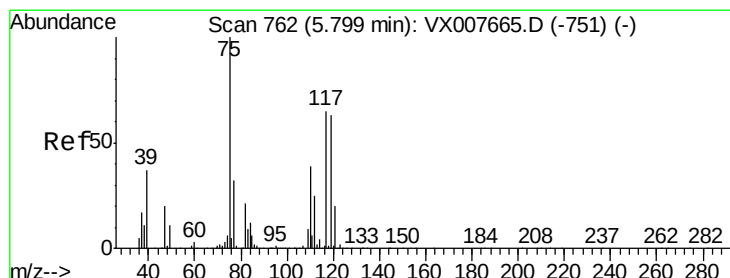
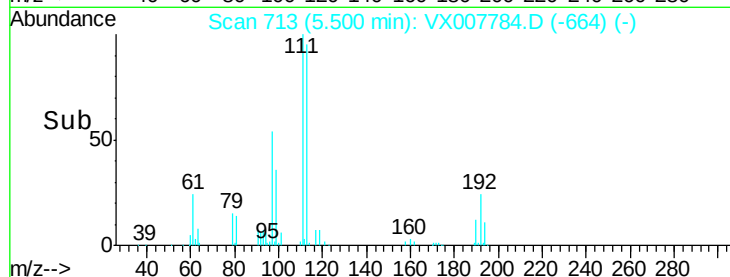
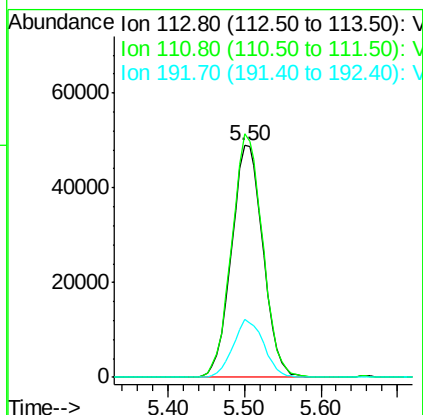
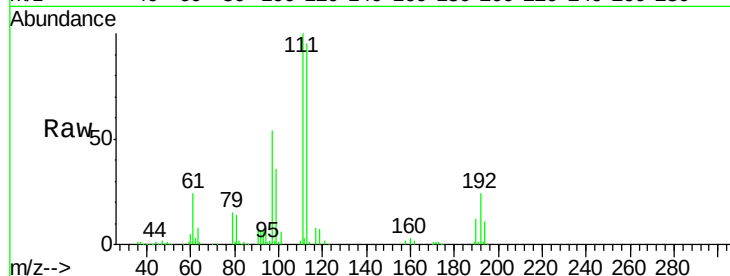




#35
 Dibromofluoromethane
 Concen: 48.275 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

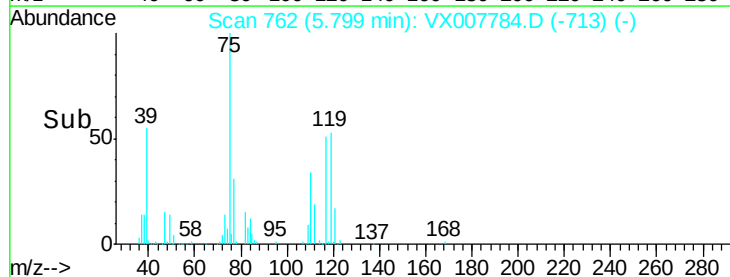
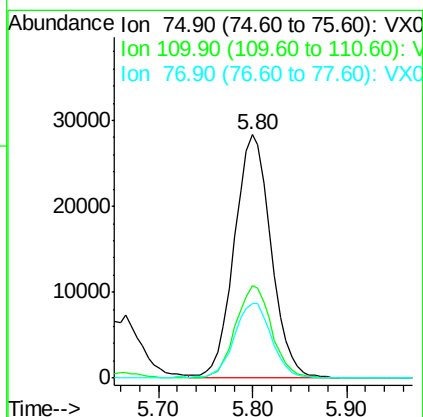
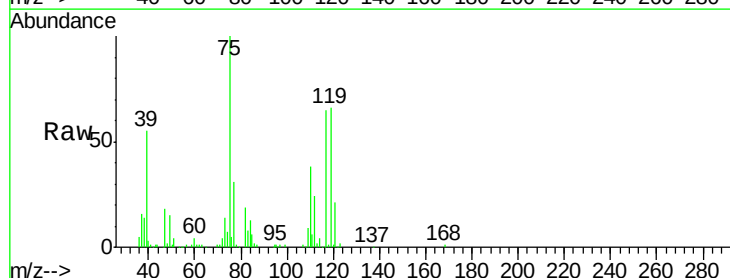
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

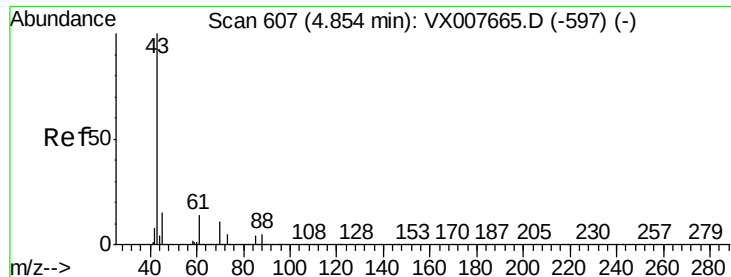
Tgt Ion: 113 Resp: 139846
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 24.4 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 19.662 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion: 75 Resp: 76603
 Ion Ratio Lower Upper
 75 100
 110 37.6 20.0 59.9
 77 31.5 24.7 37.1

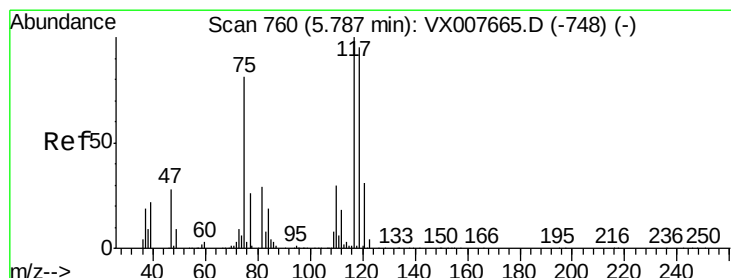
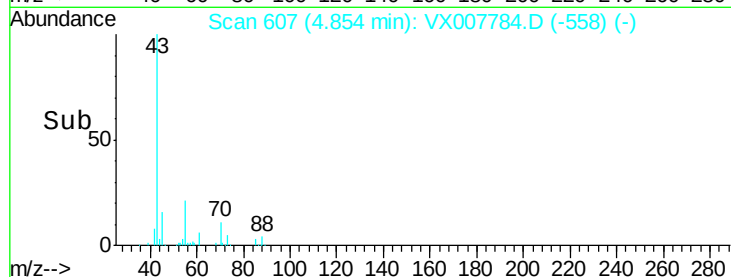
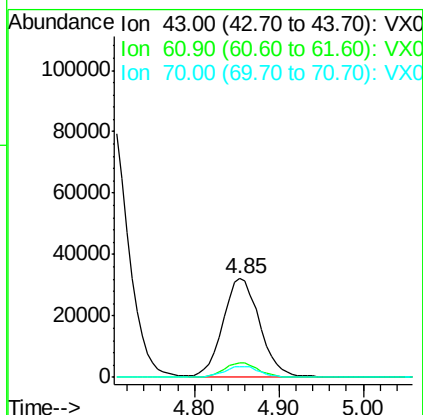
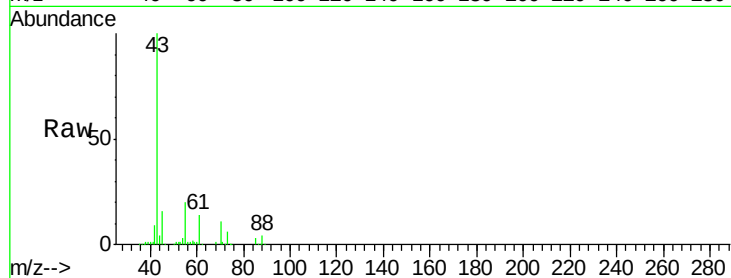




#37
Ethyl Acetate
Concen: 21.959 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

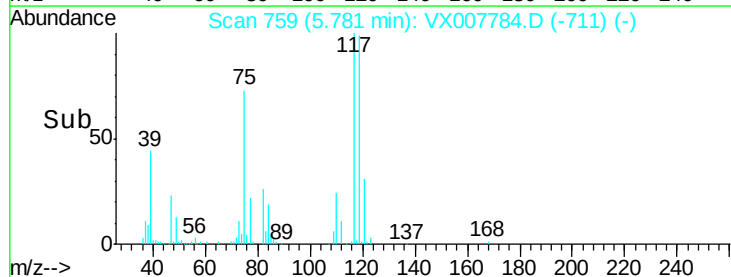
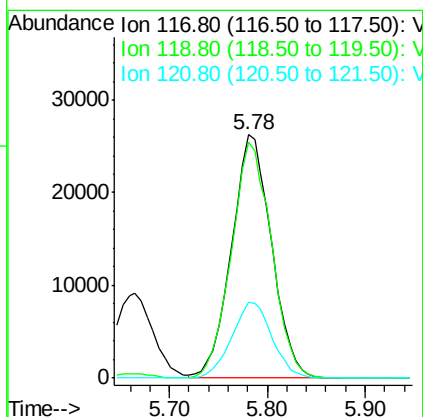
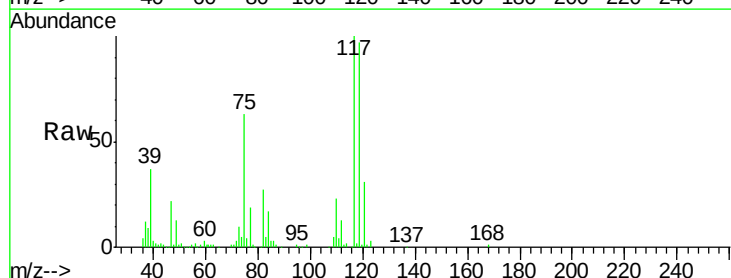
Instrument :
MSVOA_X
ClientSampled :
VX0301WBS01

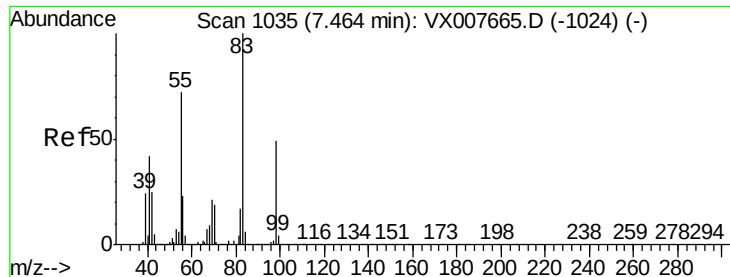
Tgt Ion: 43 Resp: 95036
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.035 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 117 Resp: 74496
Ion Ratio Lower Upper
117 100
119 96.9 75.3 112.9
121 30.9 25.0 37.4

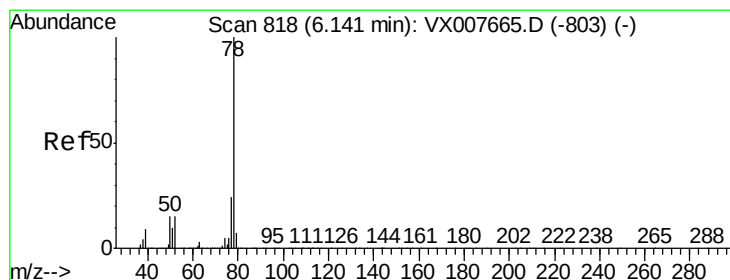
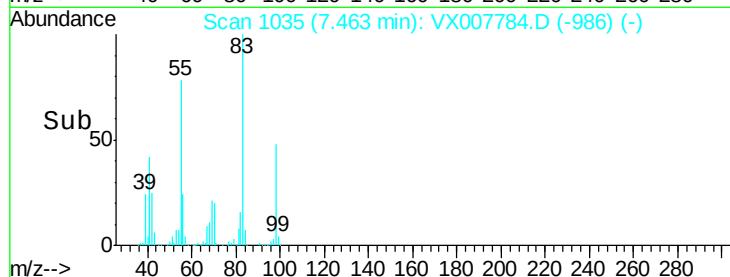
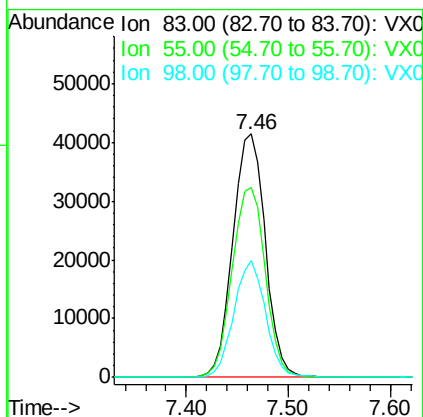
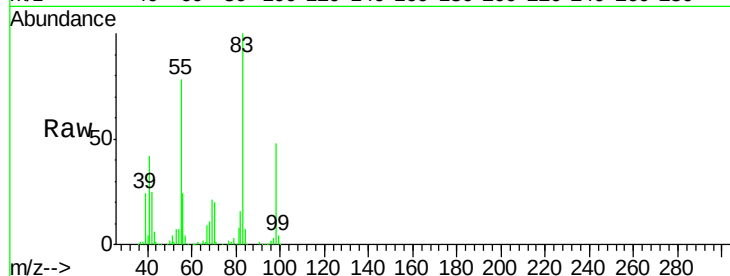




#39
Methylcyclohexane
Concen: 18.576 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

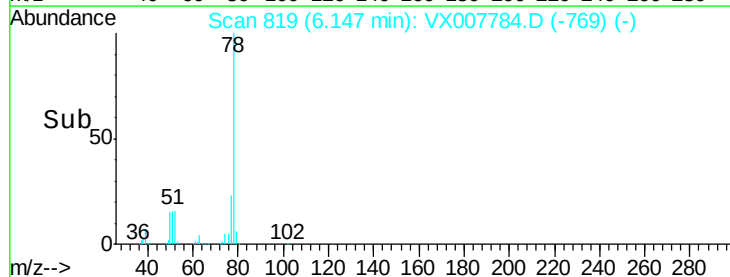
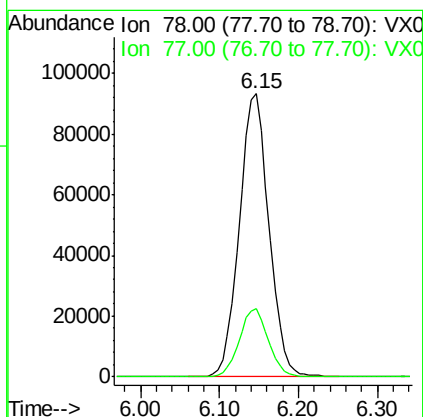
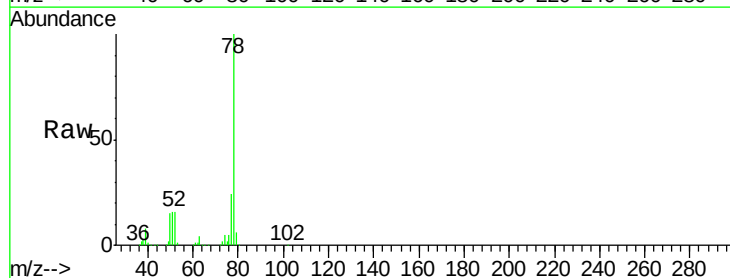
Instrument :
MSVOA_X
ClientSampled :
VX0301WBS01

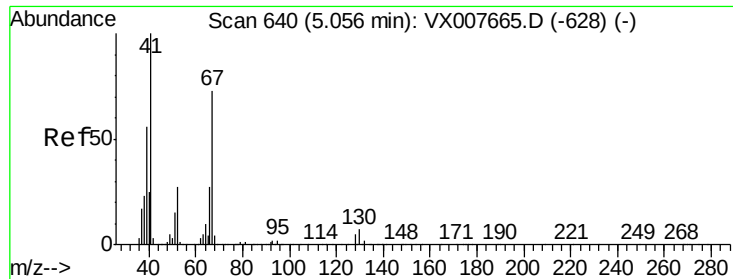
Tgt Ion: 83 Resp: 91471
Ion Ratio Lower Upper
83 100
55 78.1 56.2 84.2
98 48.0 36.8 55.2



#40
Benzene
Concen: 20.210 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 78 Resp: 243065
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

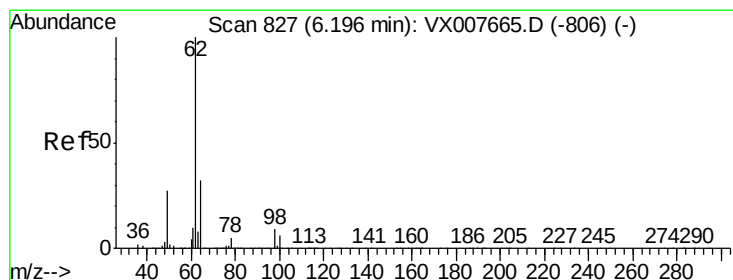
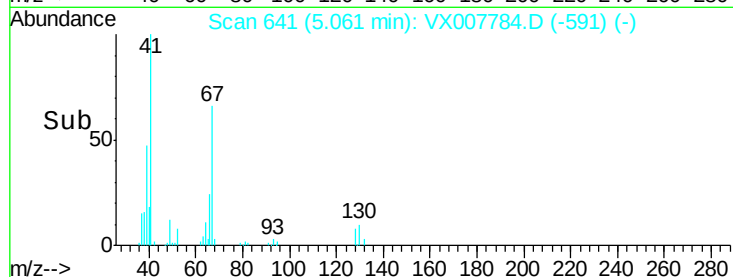
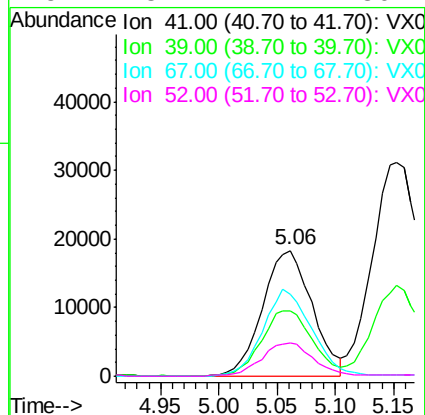
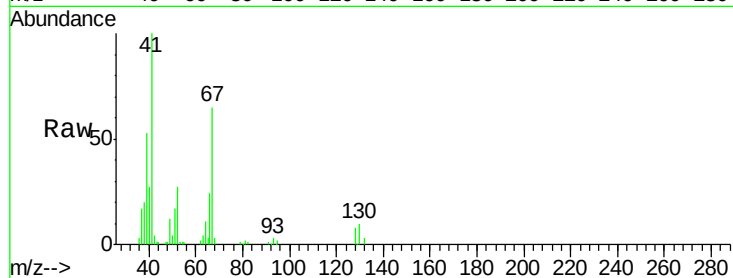




#41
Methacrylonitrile
Concen: 23.515 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

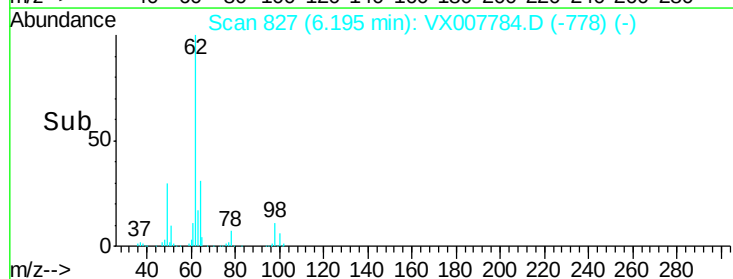
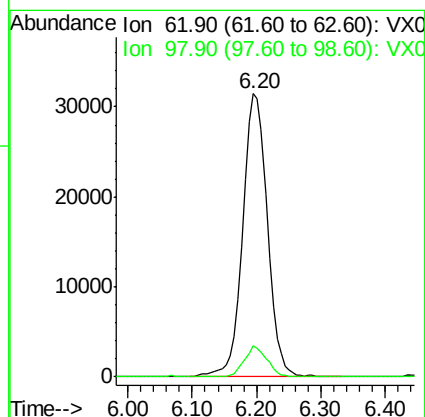
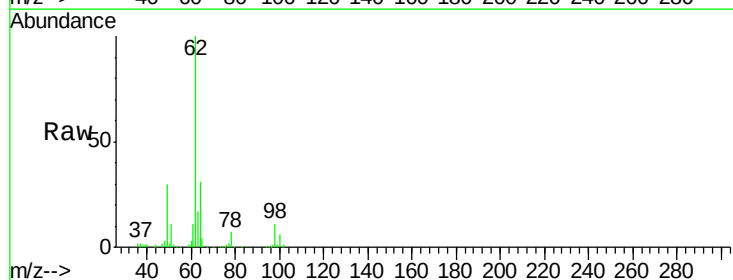
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

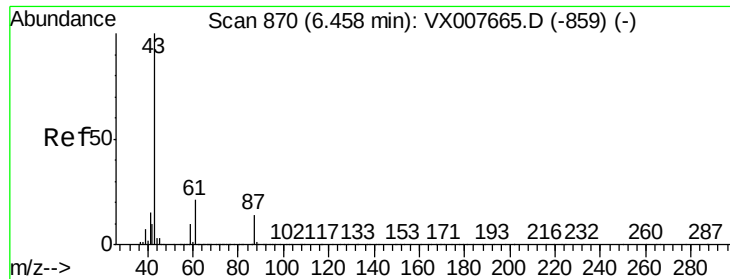
Tgt Ion:	41	Resp:	54345
Ion	Ratio	Lower	Upper
41	100		
39	53.6	44.5	66.7
67	68.1	60.4	90.6
52	28.4	24.1	36.1



#42
1,2-Dichloroethane
Concen: 20.544 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion:	62	Resp:	83048
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0

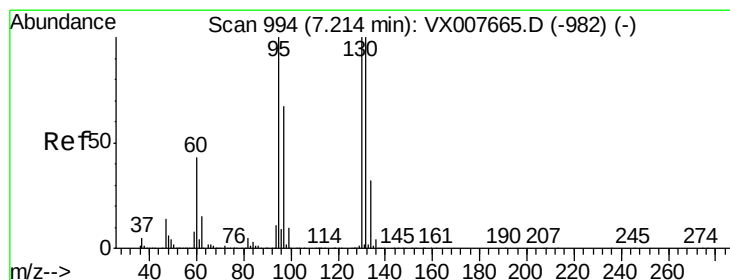
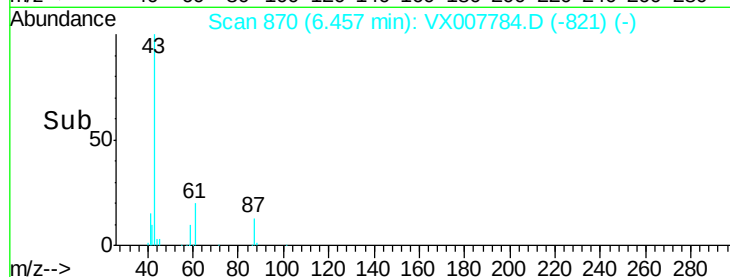
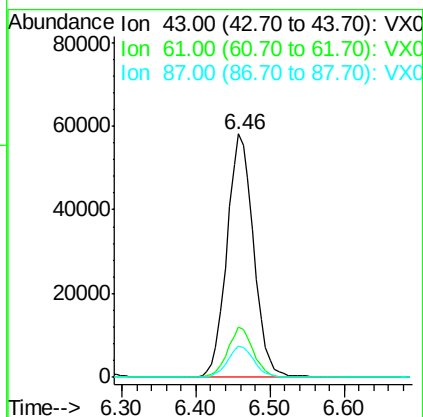
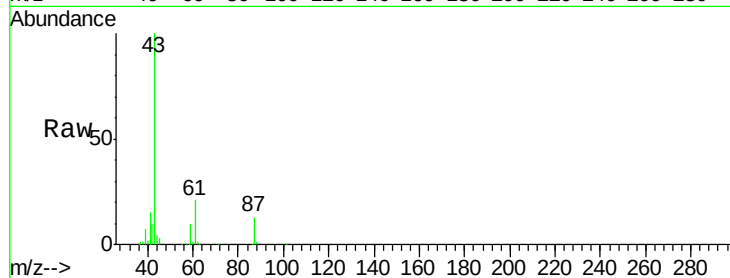




#43
Isopropyl Acetate
Concen: 21.732 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

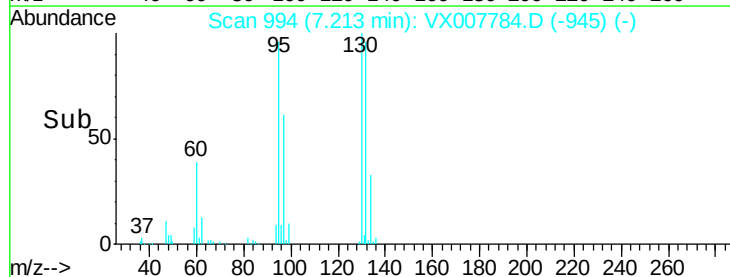
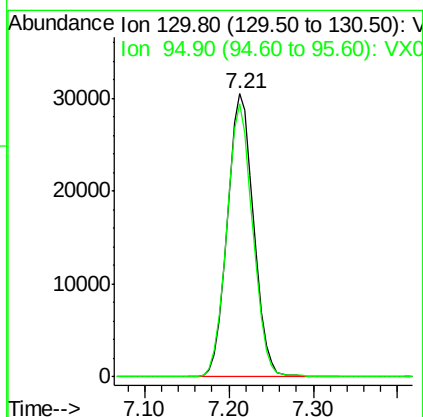
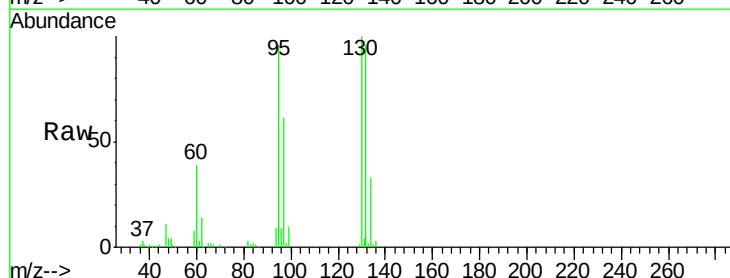
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

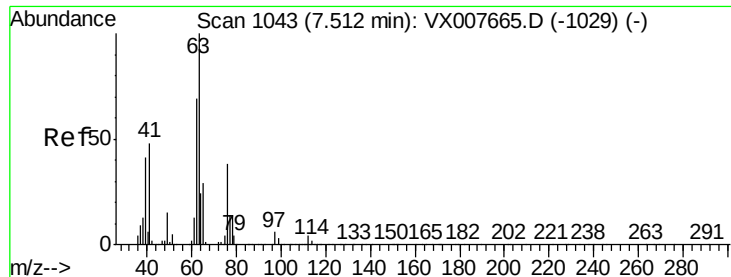
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	12.7	11.5	17.3



#44
Trichloroethene
Concen: 19.583 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	180.0

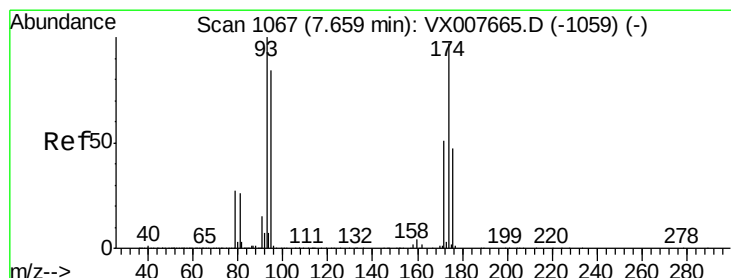
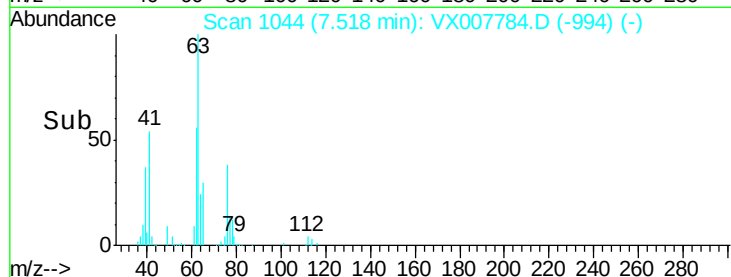
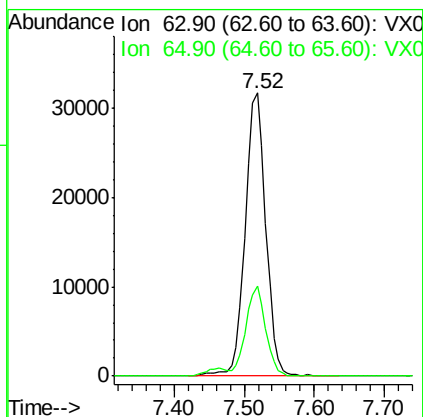
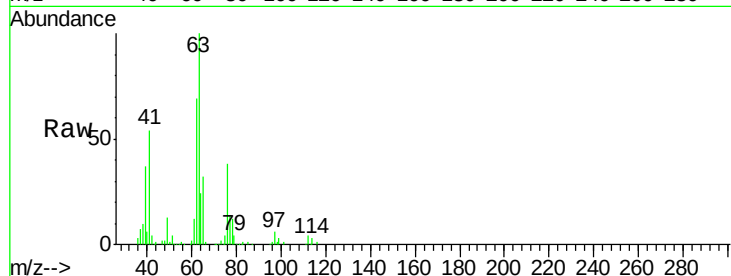




#45
 1,2-Dichloropropane
 Concen: 20.861 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

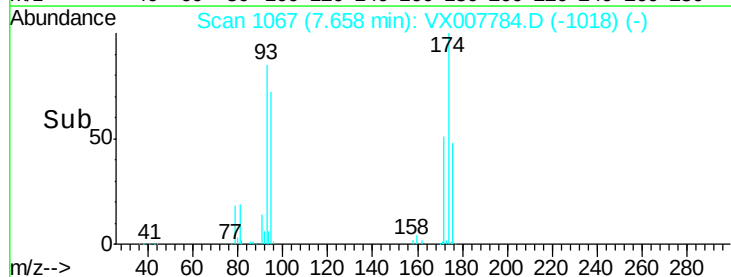
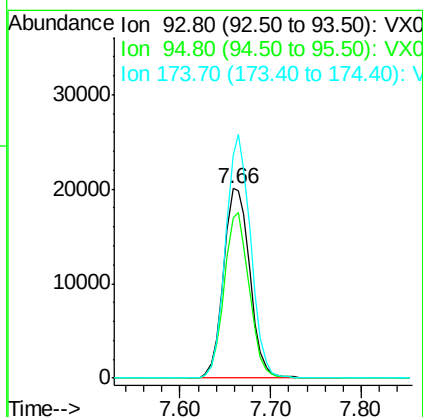
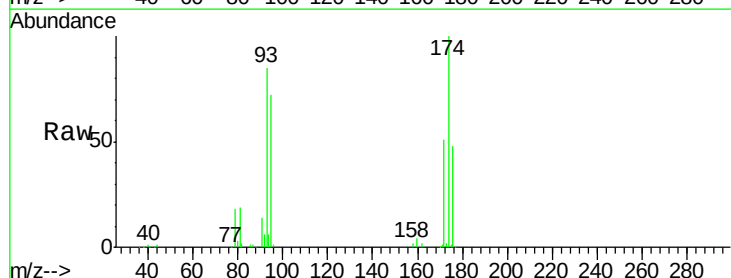
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

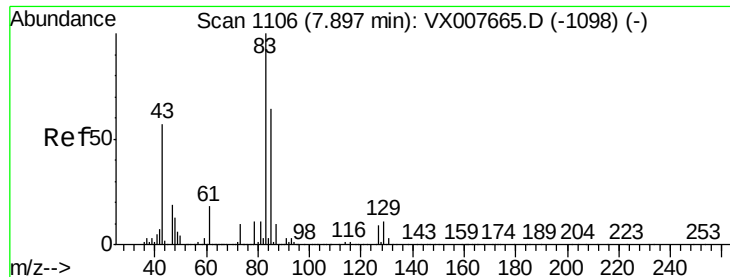
Tgt Ion: 63 Resp: 64993
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.2



#46
 Dibromomethane
 Concen: 18.668 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion: 93 Resp: 40574
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.6 101.4
 174 121.3 94.2 141.4





#47

Bromodichloromethane

Concen: 20.149 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0301WBS01

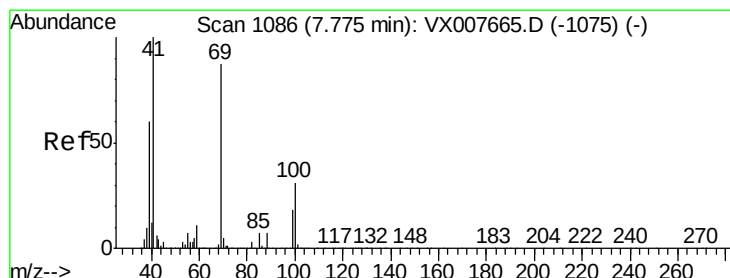
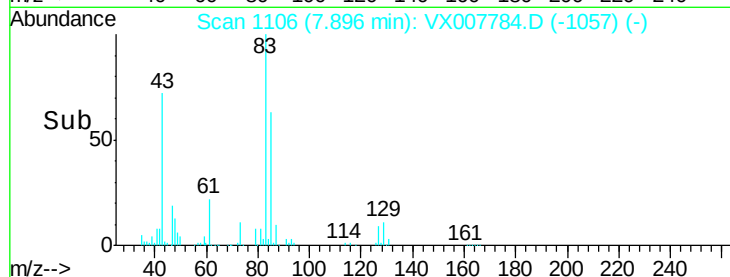
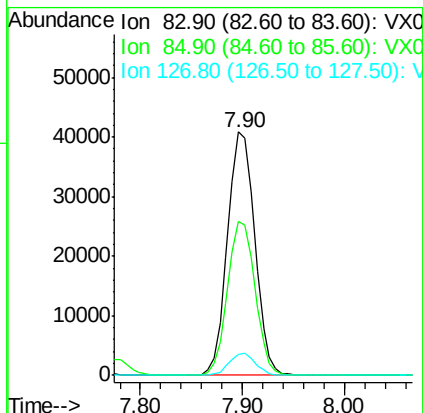
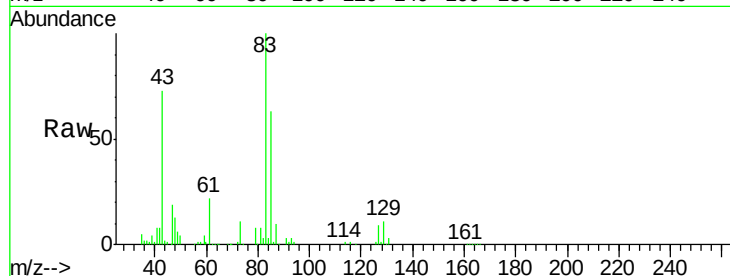
Tgt Ion: 83 Resp: 75893

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.0

127 8.7 8.1 12.1



#48

Methyl methacrylate

Concen: 21.892 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

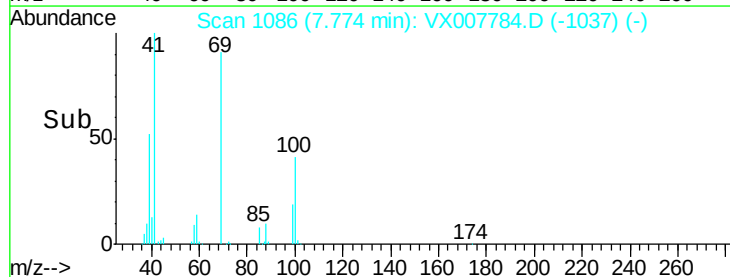
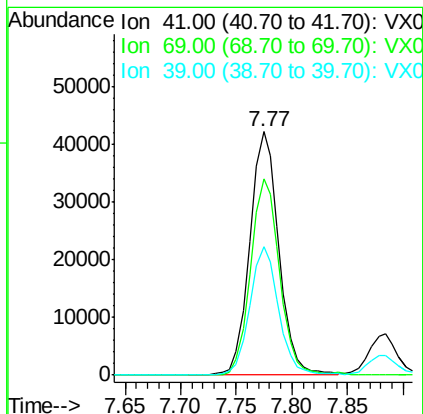
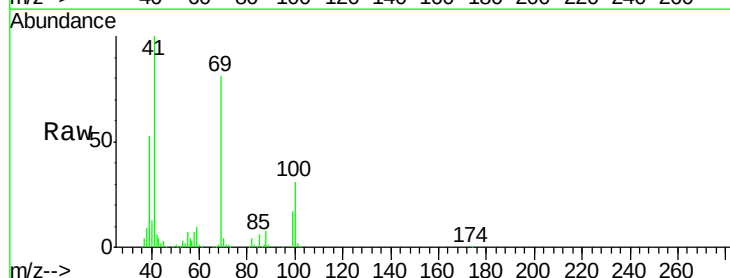
Tgt Ion: 41 Resp: 76437

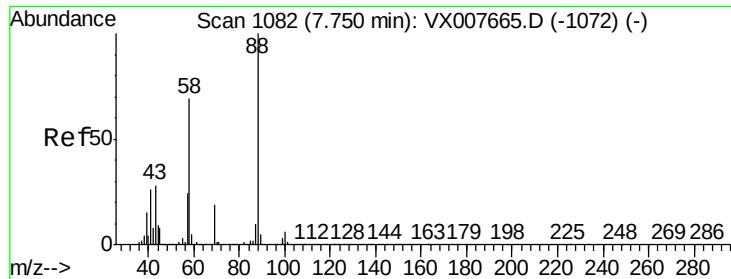
Ion Ratio Lower Upper

41 100

69 81.2 70.2 105.4

39 52.8 47.4 71.0

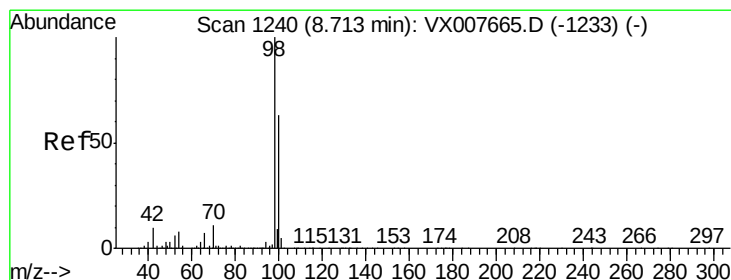
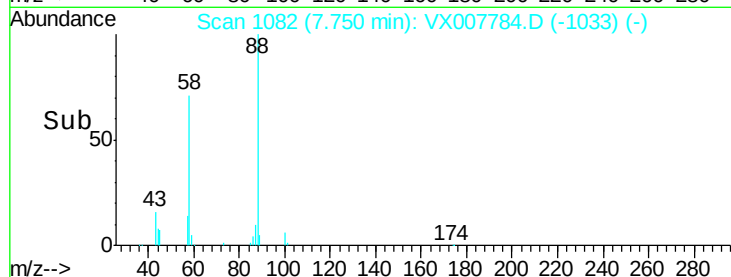
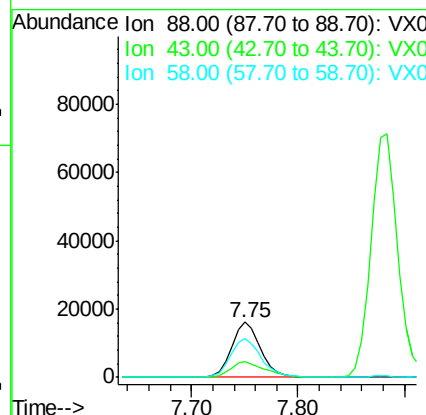
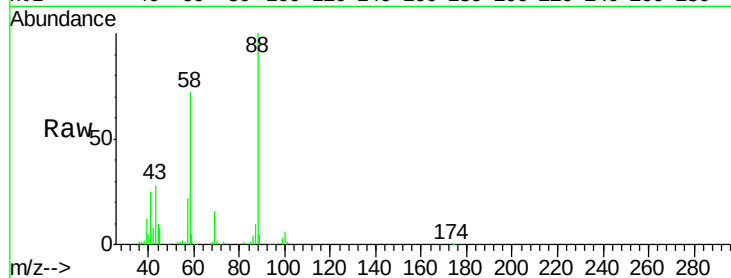




#49
1,4-Dioxane
Concen: 408.905 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

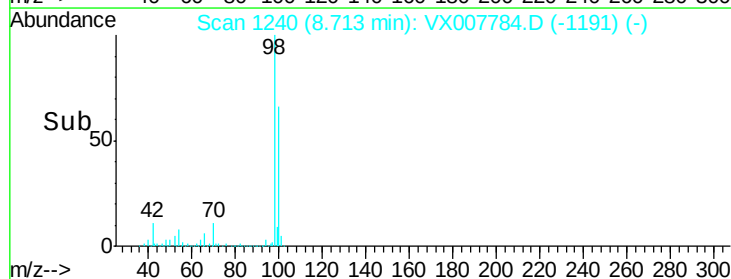
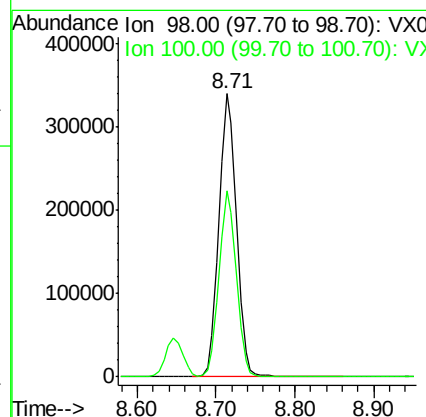
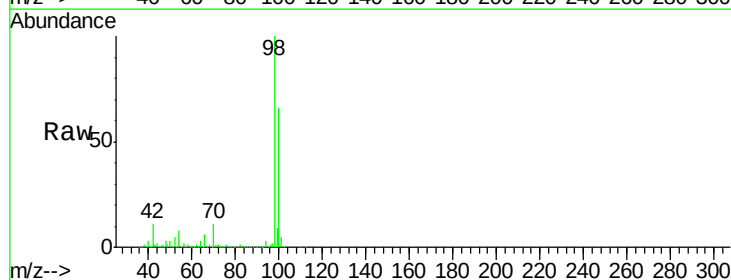
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

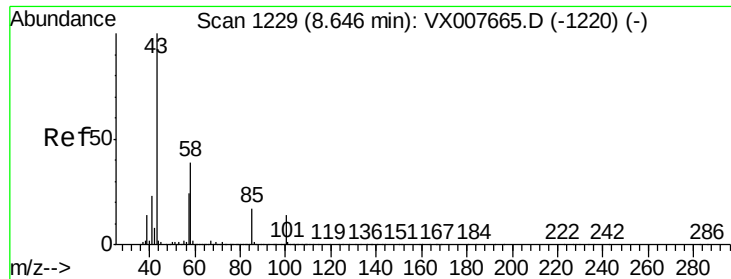
Tgt Ion: 88 Resp: 30836
Ion Ratio Lower Upper
88 100
43 34.1 24.2 36.4
58 74.7 53.0 79.4



#50
Toluene-d8
Concen: 47.689 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 98 Resp: 528892
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

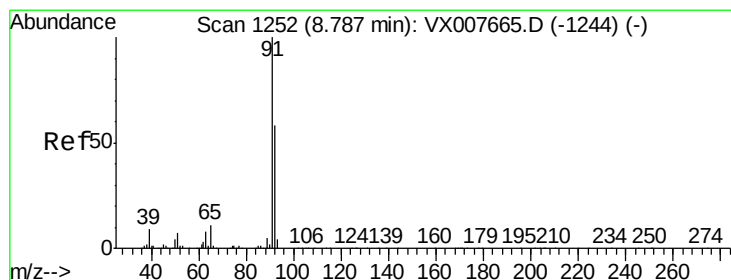
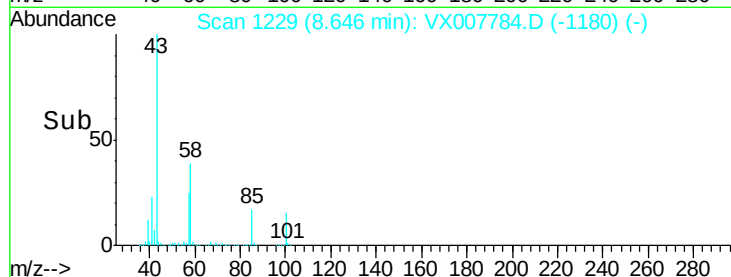
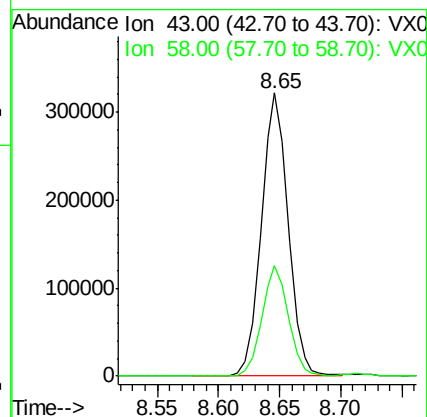
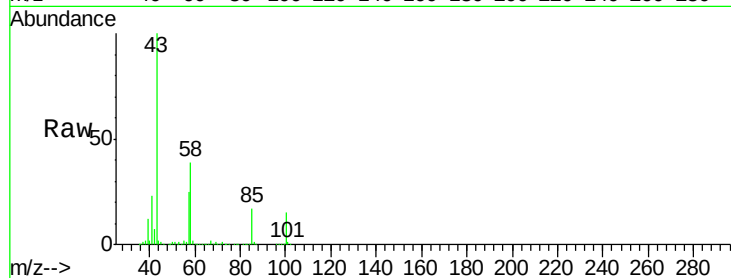




#51
 4-Methyl-2-Pentanone
 Concen: 110.236 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

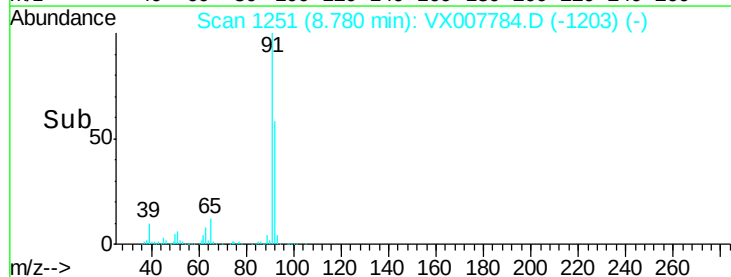
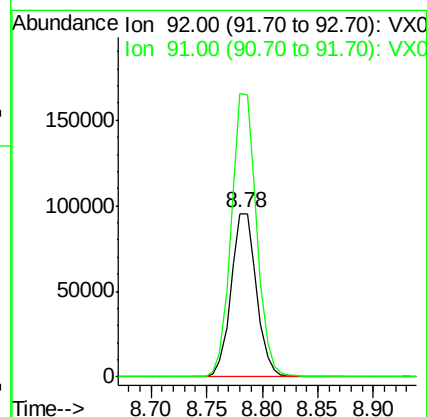
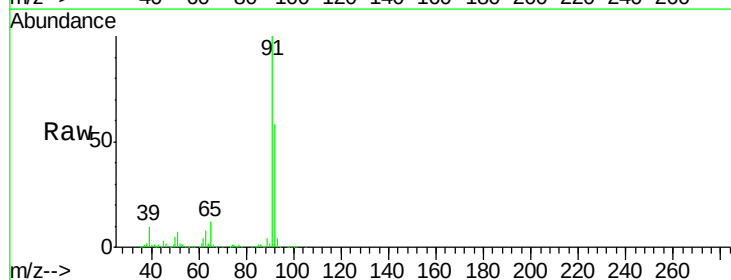
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

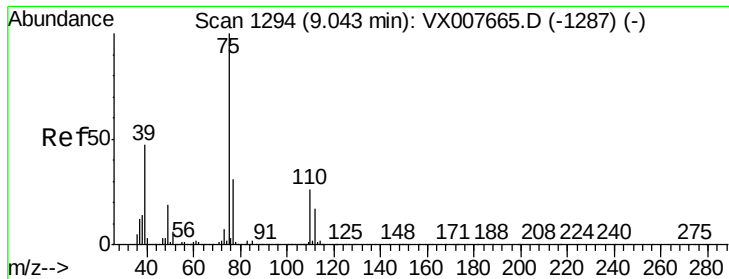
Tgt Ion: 43 Resp: 491504
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.2 46.8



#52
 Toluene
 Concen: 19.895 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion: 92 Resp: 150884
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.1 208.7

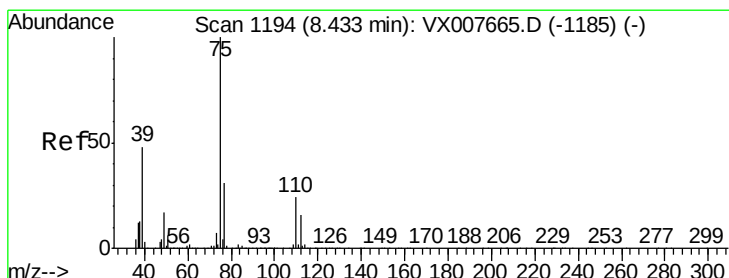
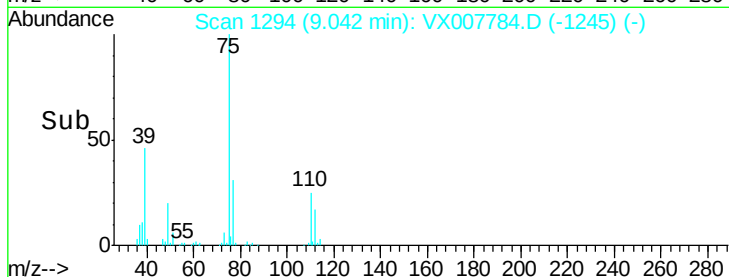
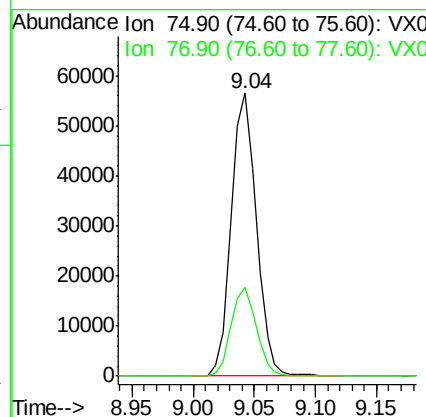
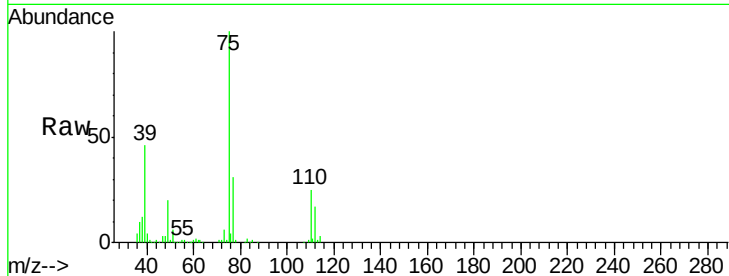




#53
 t-1,3-Dichloropropene
 Concen: 18.994 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

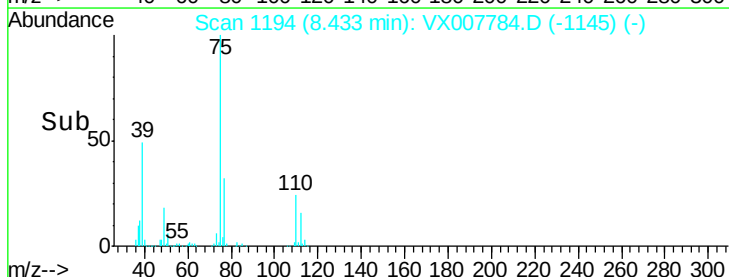
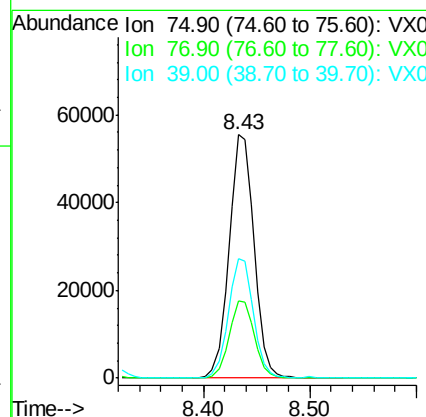
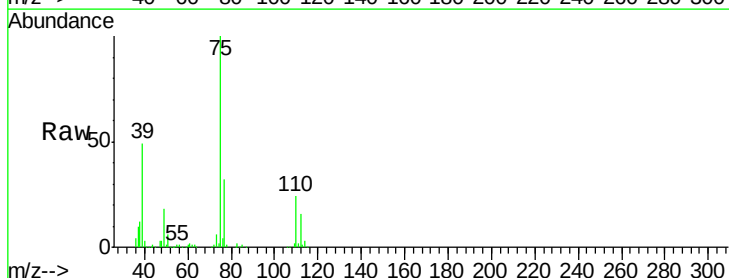
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

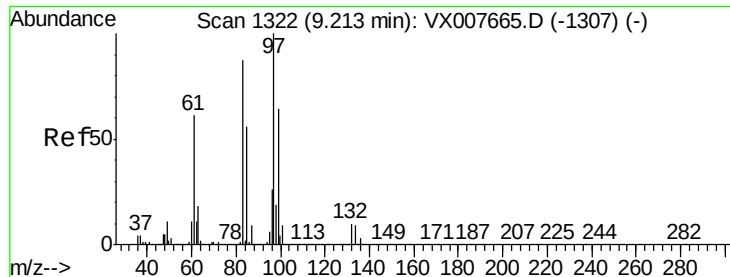
Tgt Ion: 75 Resp: 80321
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.910 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion: 75 Resp: 91004
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.4
 39 48.7 37.1 55.7

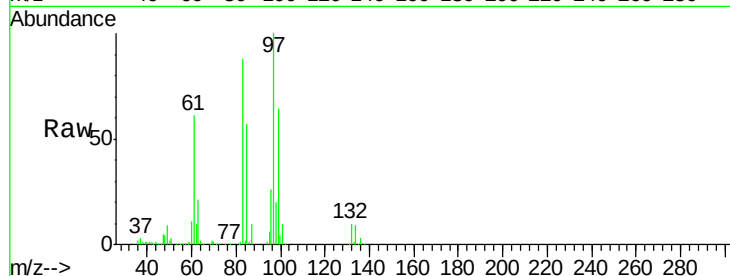




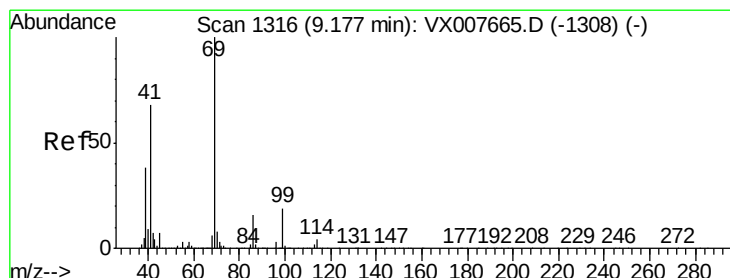
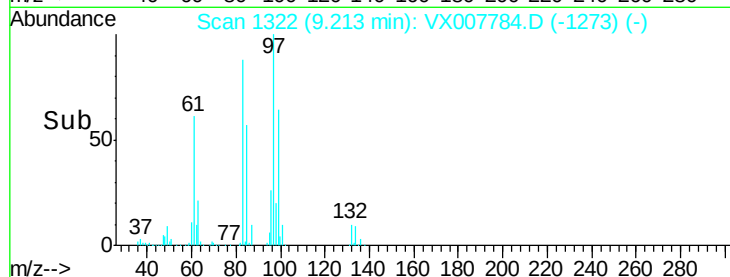
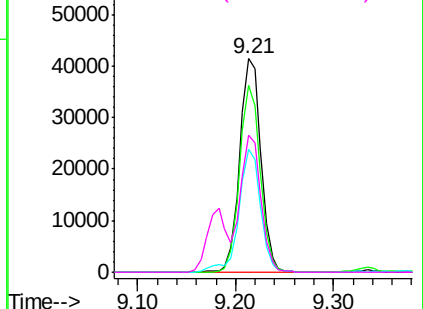
#55
 1,1,2-Trichloroethane
 Concen: 19.859 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tgt Ion:	97	Resp:	62806
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.6	102.8
85	57.4	44.5	66.7
99	64.3	52.2	78.4

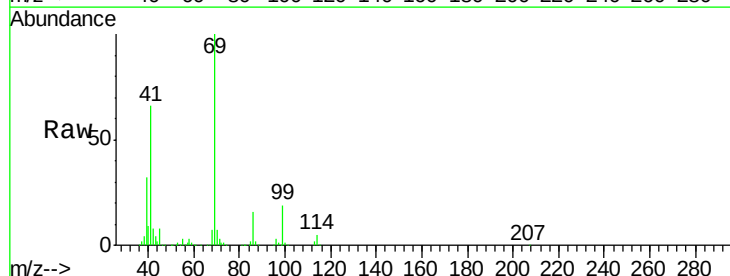


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

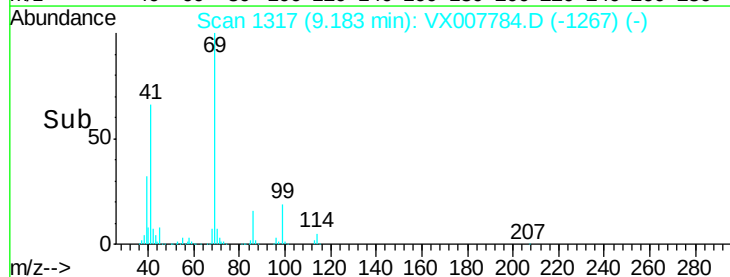
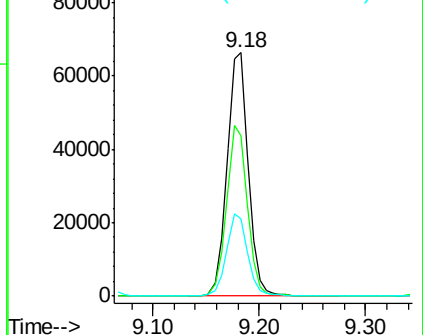


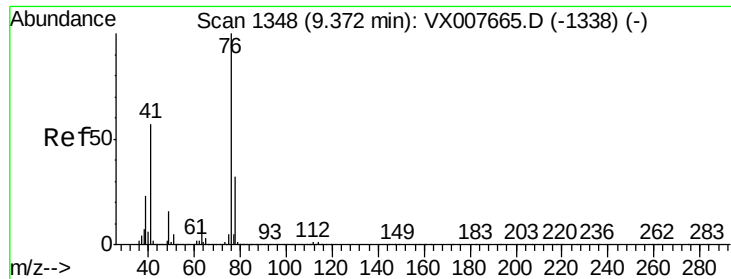
#56
 Ethyl methacrylate
 Concen: 20.680 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion:	69	Resp:	93006
Ion	Ratio	Lower	Upper
69	100		
41	68.8	52.1	78.1
39	33.4	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: 20.530 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

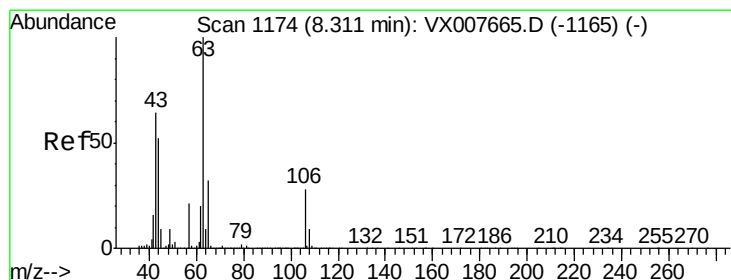
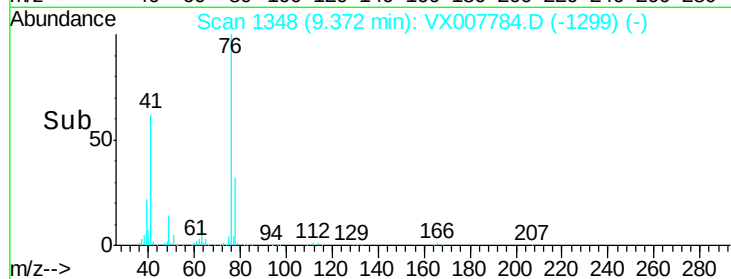
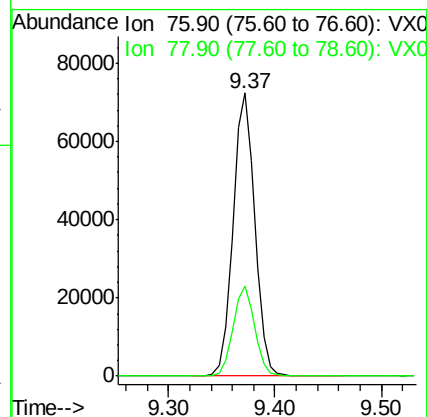
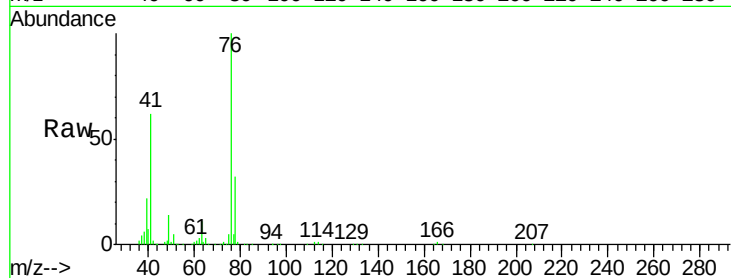
VX0301WBS01

Tgt Ion: 76 Resp: 103936

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.597 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007784.D

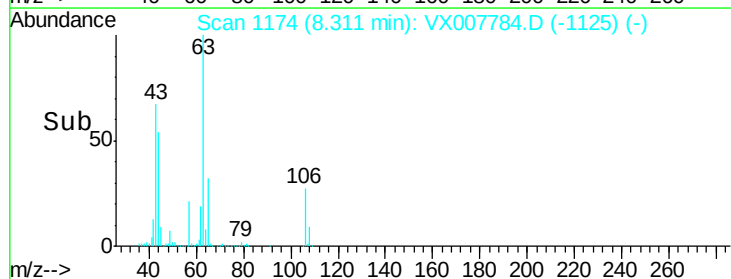
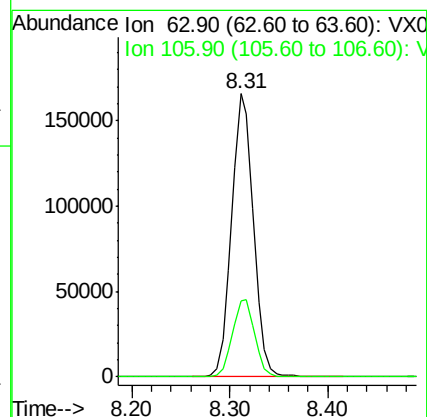
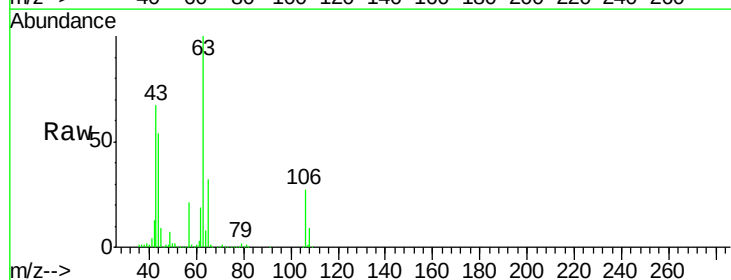
Acq: 01 Mar 2019 12:47

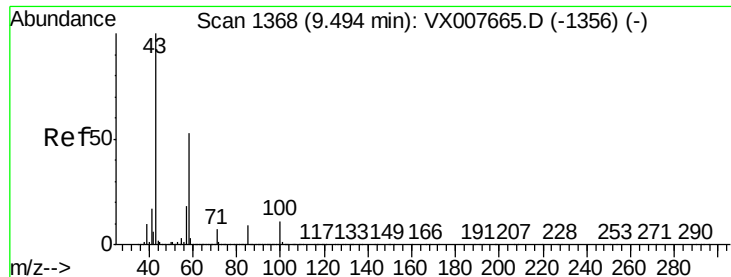
Tgt Ion: 63 Resp: 256930

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4

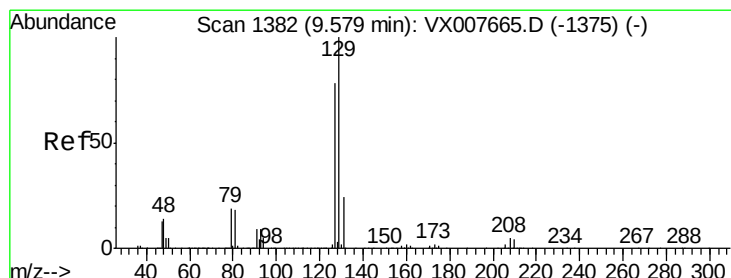
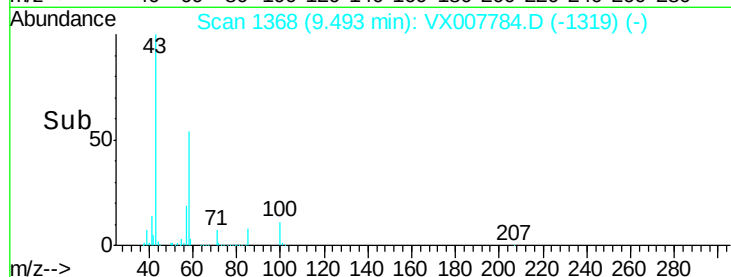
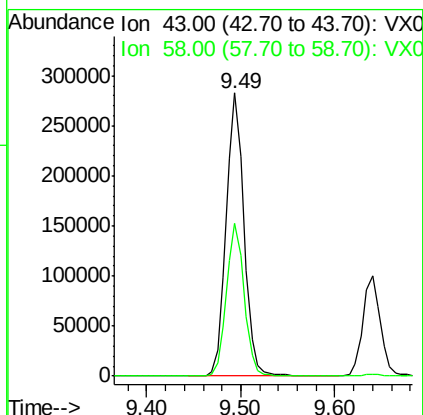
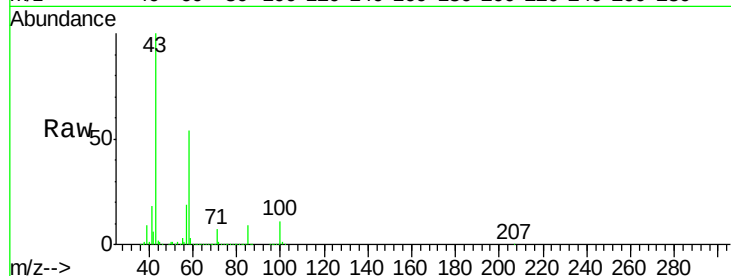




#59
2-Hexanone
Concen: 106.312 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

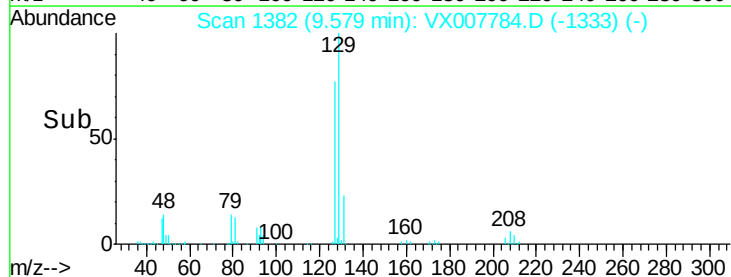
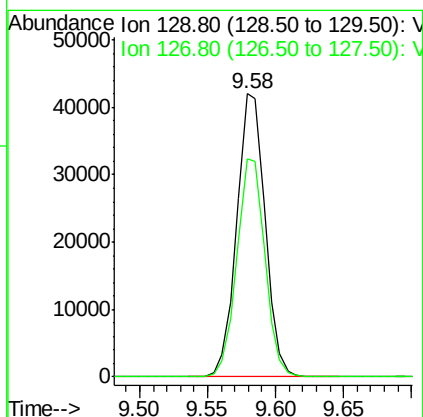
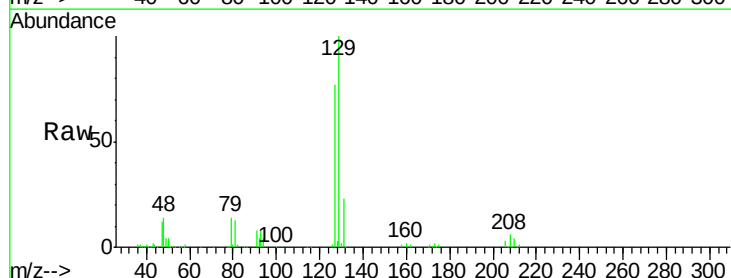
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

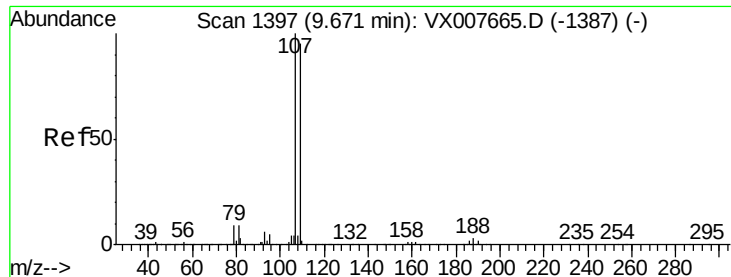
Tgt Ion: 43 Resp: 372139
Ion Ratio Lower Upper
43 100
58 53.7 27.1 81.3



#60
Dibromochloromethane
Concen: 20.057 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 129 Resp: 61036
Ion Ratio Lower Upper
129 100
127 76.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.935 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

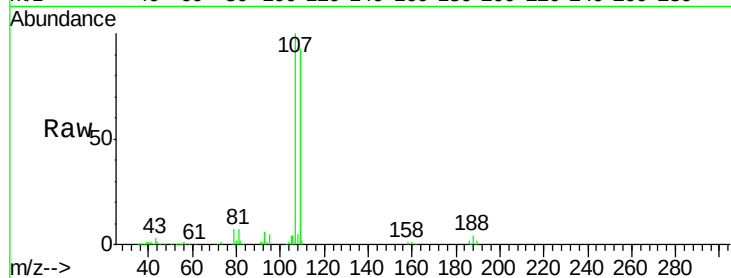
VX0301WBS01

Tgt Ion: 107 Resp: 65458

Ion Ratio Lower Upper

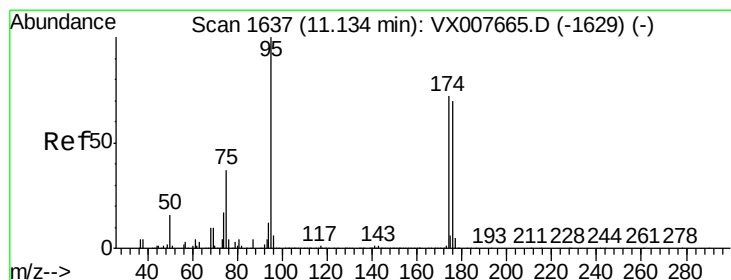
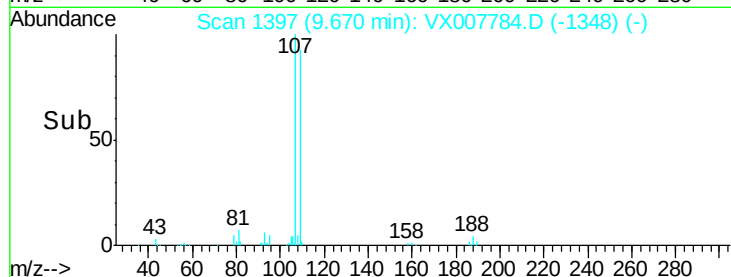
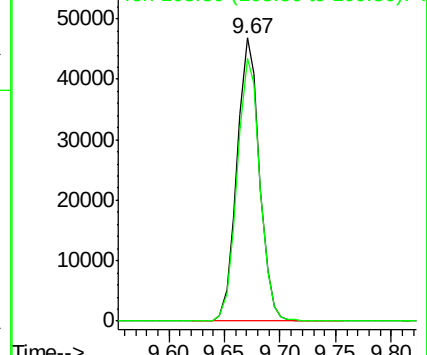
107 100

109 94.3 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: 45.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

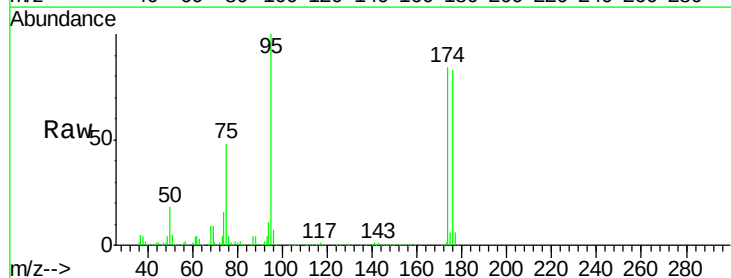
Tgt Ion: 95 Resp: 186716

Ion Ratio Lower Upper

95 100

174 91.0 0.0 189.2

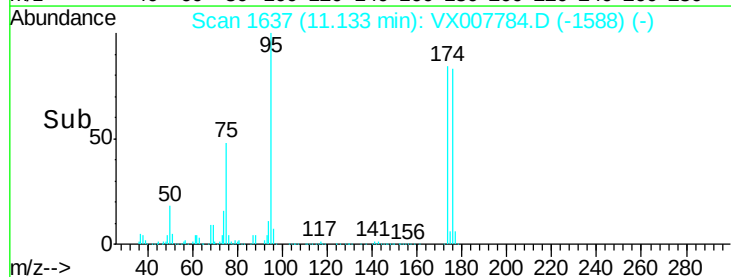
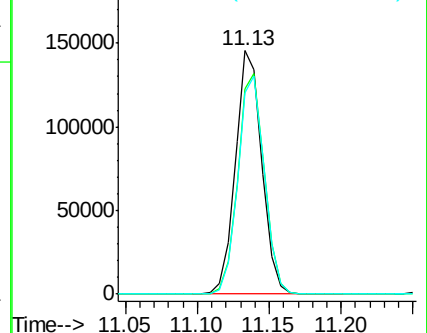
176 89.8 0.0 186.2

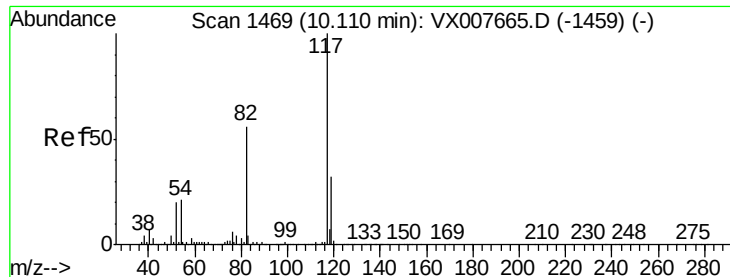


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

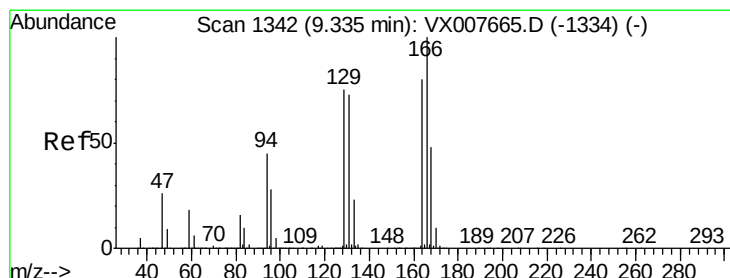
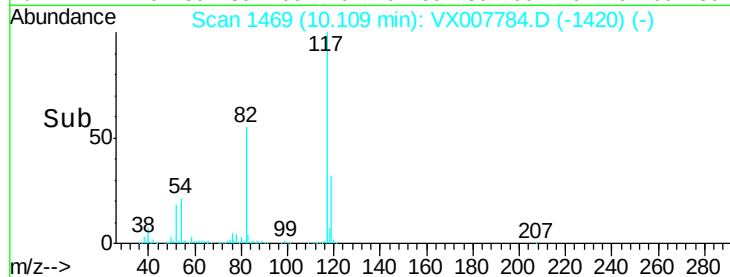
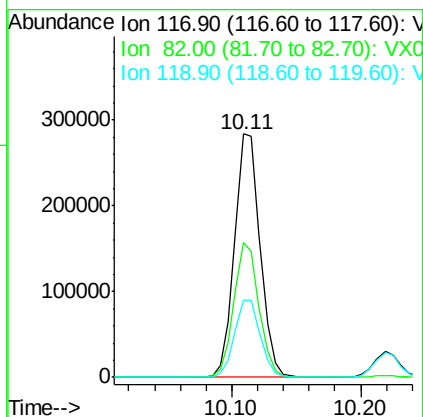
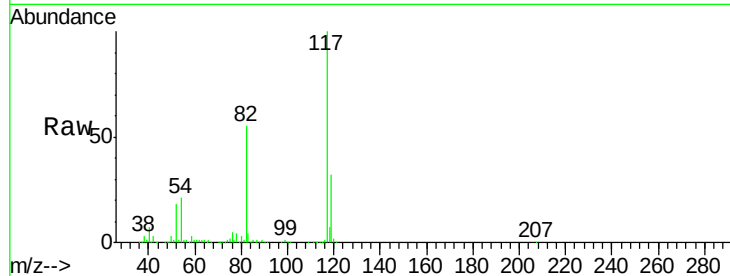




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

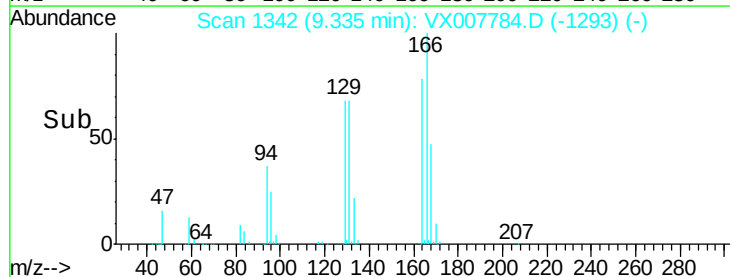
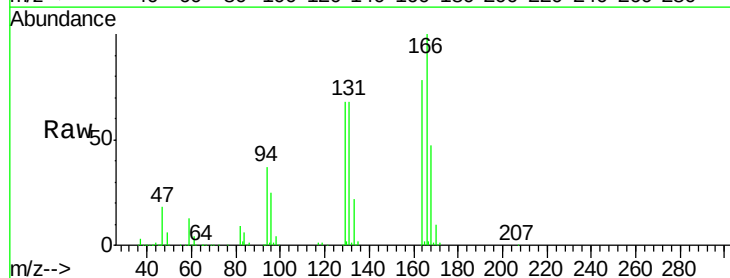
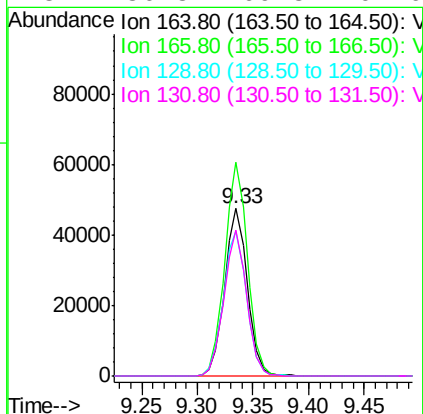
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

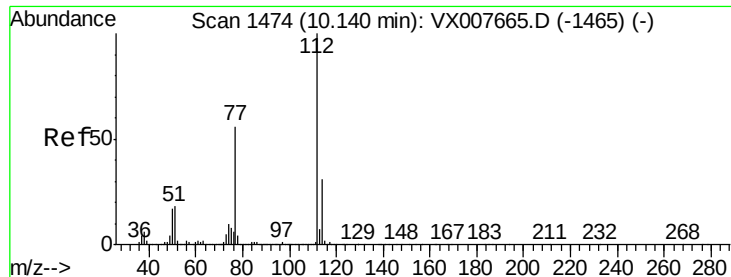
Tgt Ion:117 Resp: 393693
Ion Ratio Lower Upper
117 100
82 55.4 42.1 63.1
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 20.952 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion:164 Resp: 66964
Ion Ratio Lower Upper
164 100
166 127.6 101.0 151.4
129 86.5 70.5 105.7
131 86.8 69.8 104.6

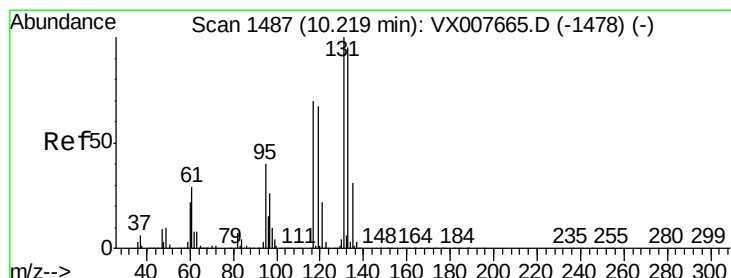
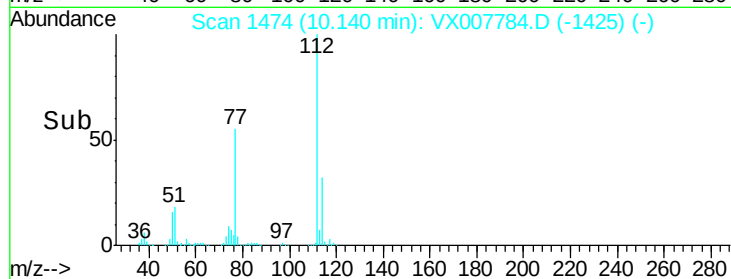
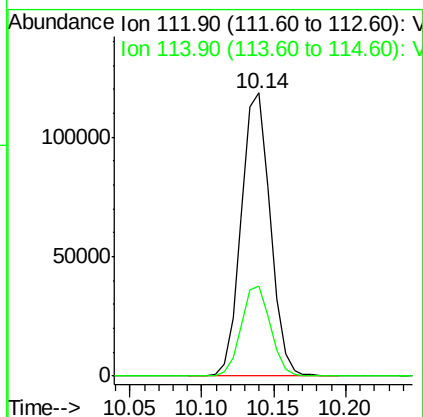
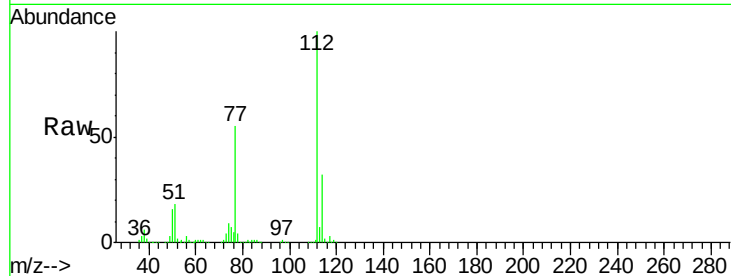




#65
Chlorobenzene
Concen: 19.473 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

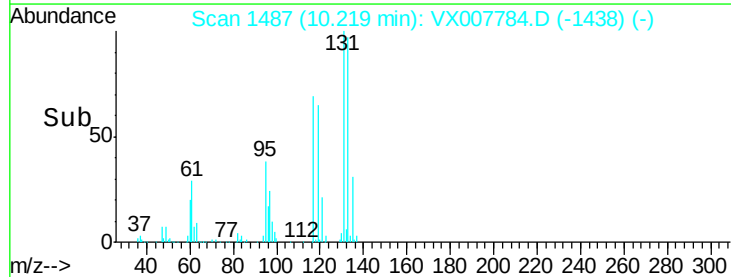
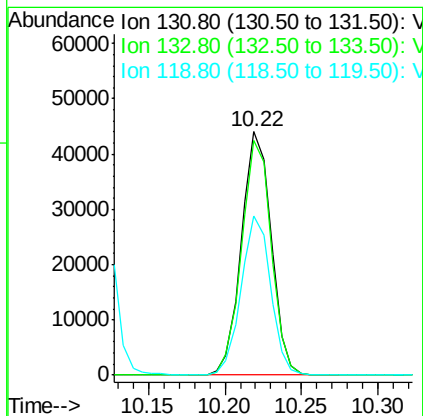
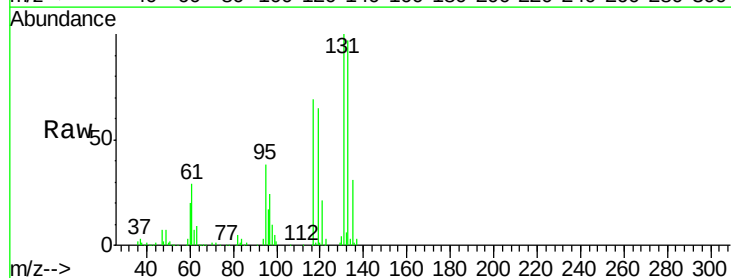
Instrument :
MSVOA_X
ClientSampled :
VX0301WBS01

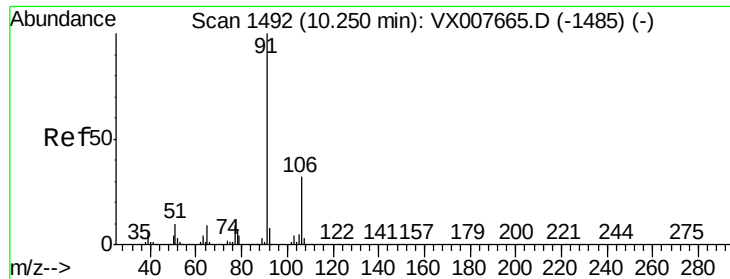
Tgt Ion:112 Resp: 165807
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.127 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion:131 Resp: 59779
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 64.5 32.0 96.0





#67

Ethyl Benzene

Concen: 19.480 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

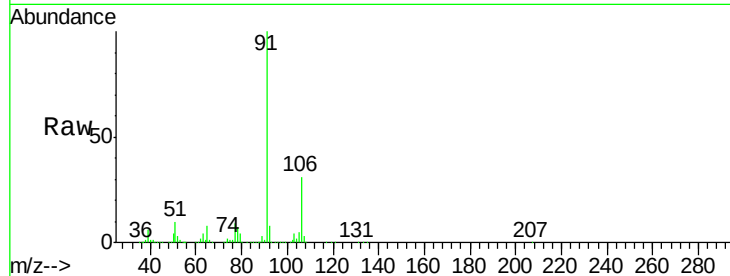
VX0301WBS01

Tgt Ion: 91 Resp: 274773

Ion Ratio Lower Upper

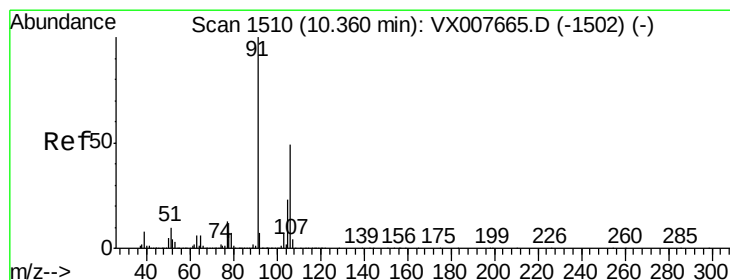
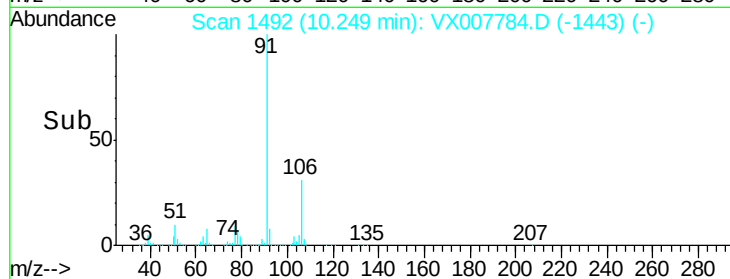
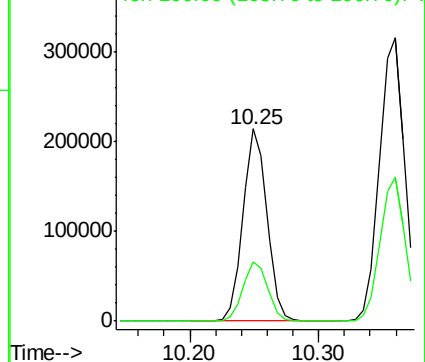
91 100

106 31.1 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.023 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007784.D

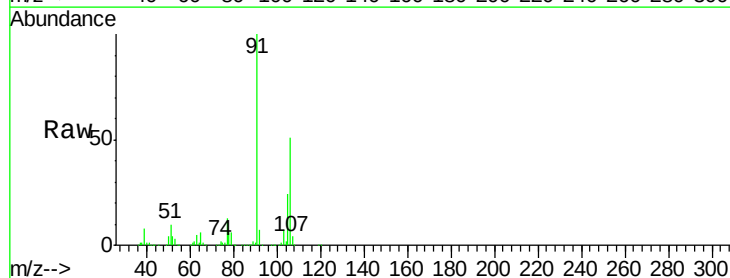
Acq: 01 Mar 2019 12:47

Tgt Ion: 106 Resp: 214135

Ion Ratio Lower Upper

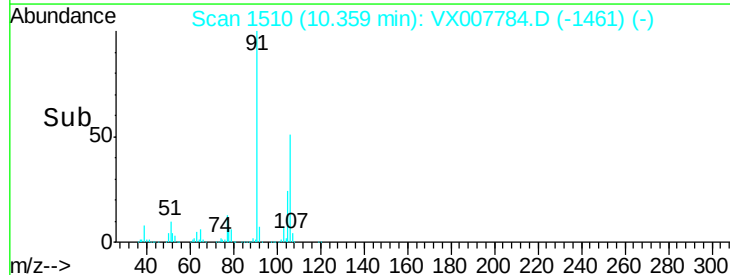
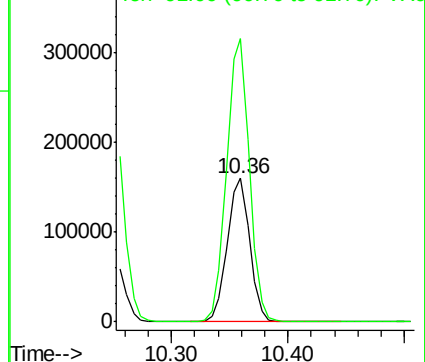
106 100

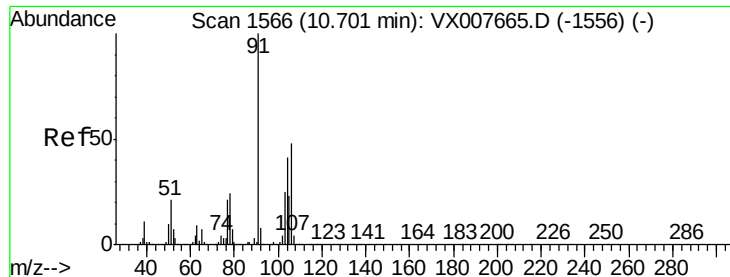
91 199.2 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

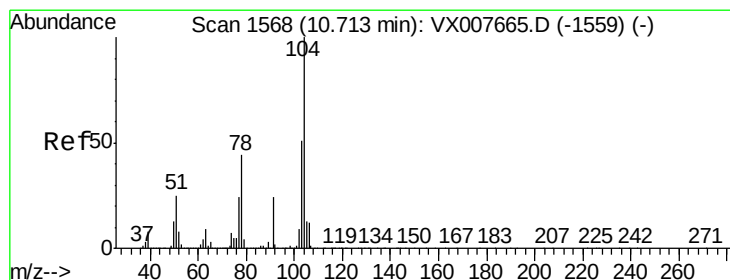
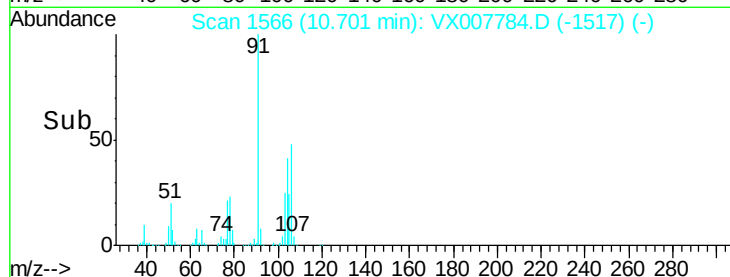
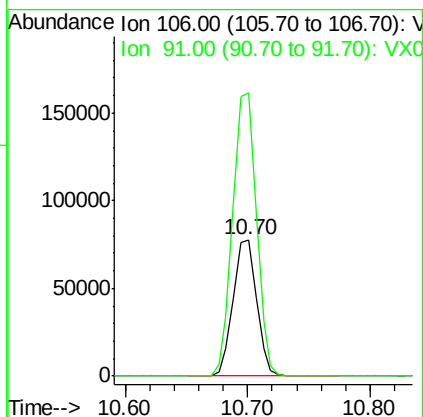
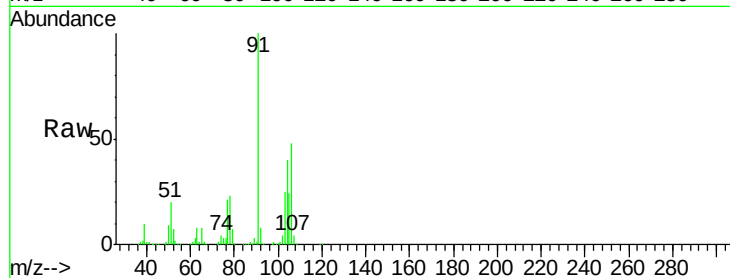




#69
o-Xylene
Concen: 19.536 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

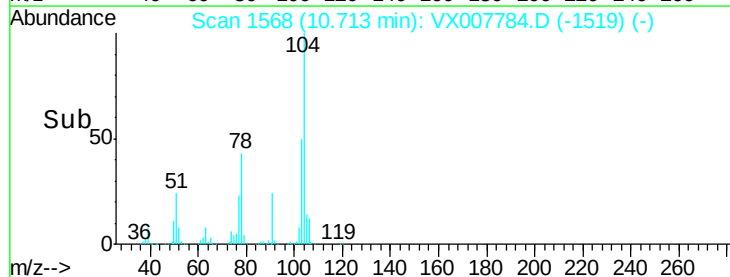
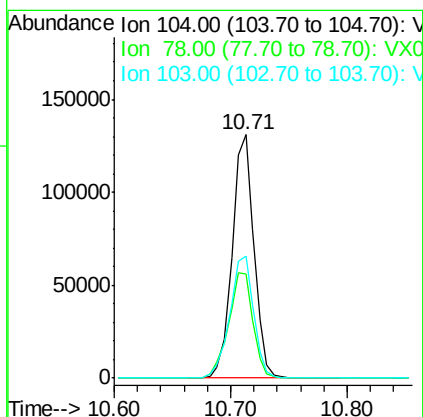
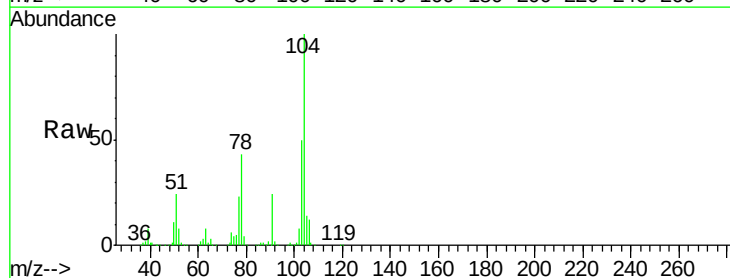
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

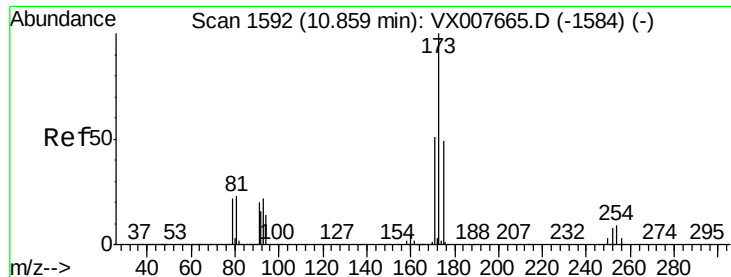
Tgt Ion:106 Resp: 103114
Ion Ratio Lower Upper
106 100
91 211.5 102.9 308.7



#70
Styrene
Concen: 19.708 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion:104 Resp: 170985
Ion Ratio Lower Upper
104 100
78 48.6 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 21.070 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

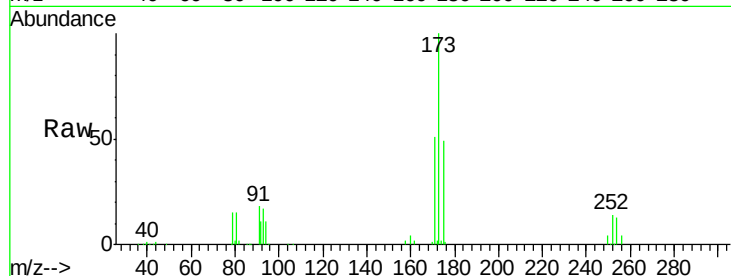
Tgt Ion:173 Resp: 46929

Ion Ratio Lower Upper

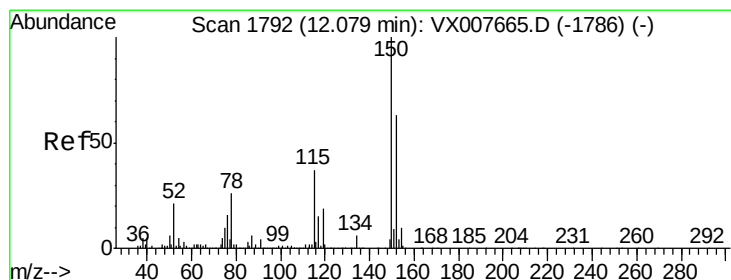
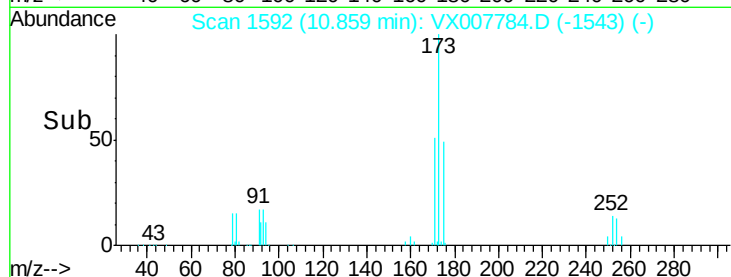
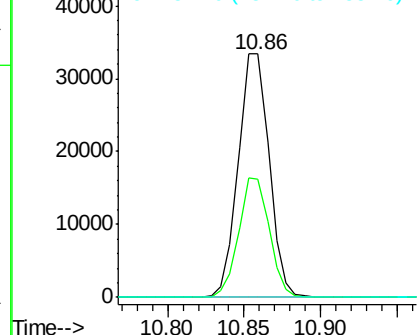
173 100

175 48.7 24.2 72.6

254 0.0 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: VX007784.D

Acq: 01 Mar 2019 12:47

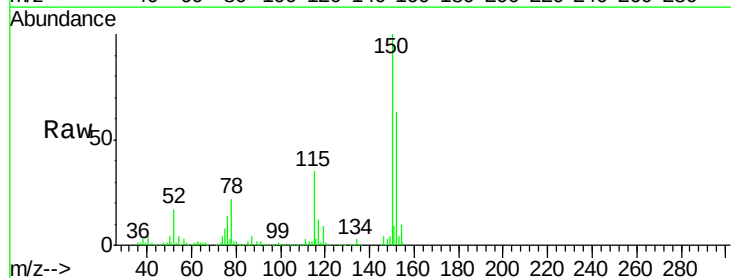
Tgt Ion:152 Resp: 198464

Ion Ratio Lower Upper

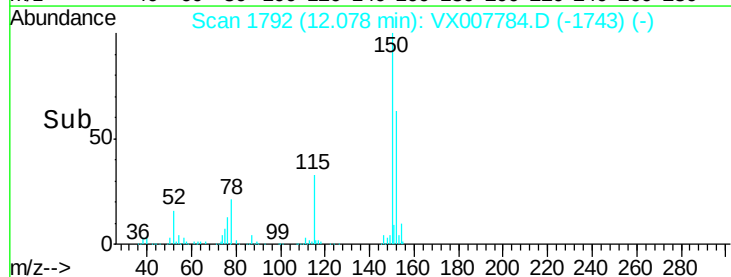
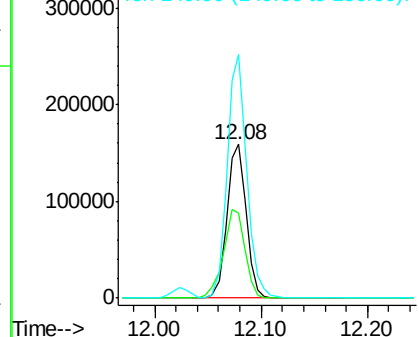
152 100

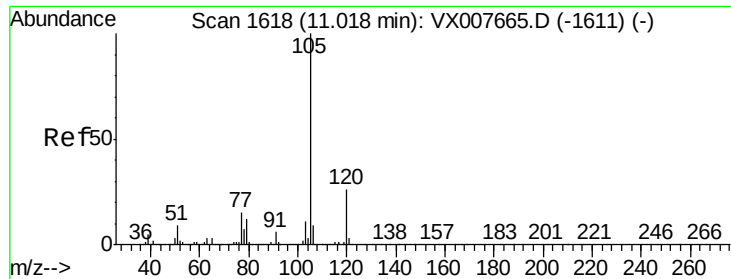
115 64.3 38.0 114.0

150 162.3 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: 19.464 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

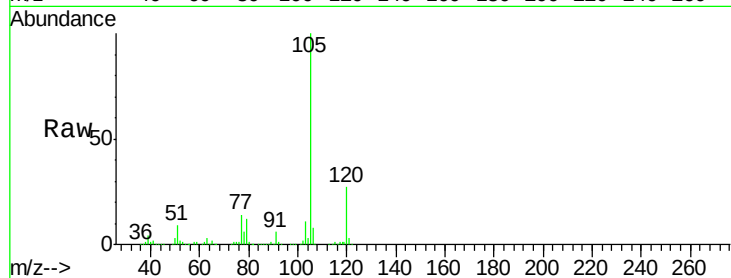
VX0301WBS01

Tgt Ion: 105 Resp: 276086

Ion Ratio Lower Upper

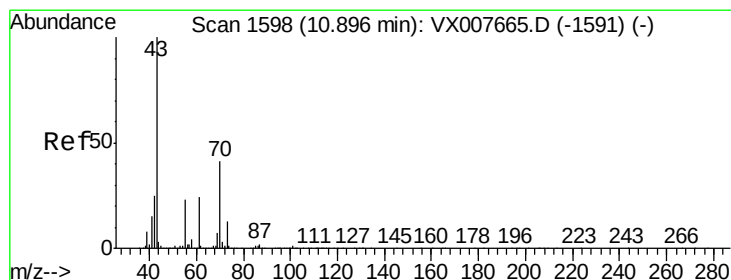
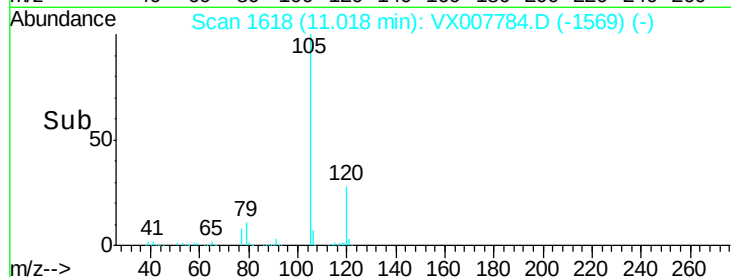
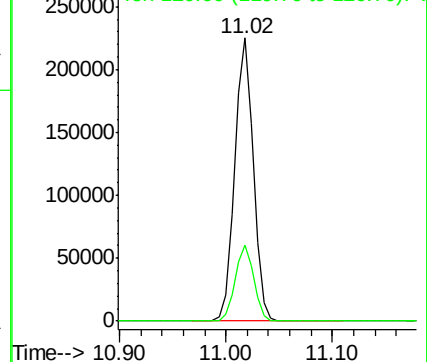
105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.984 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion: 43 Resp: 123098

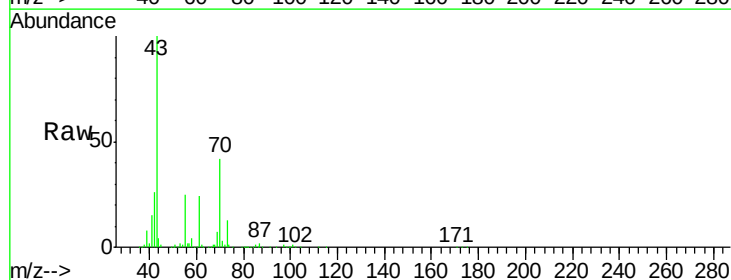
Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 26.0 19.5 29.3

61 23.9 19.4 29.2

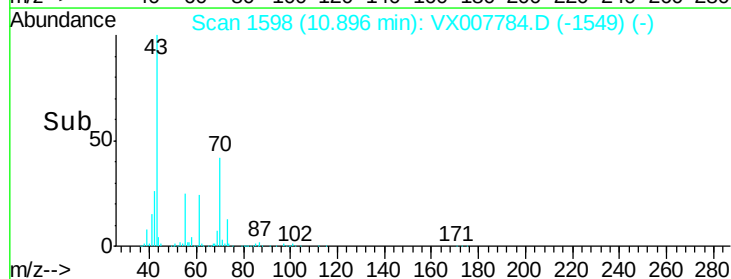
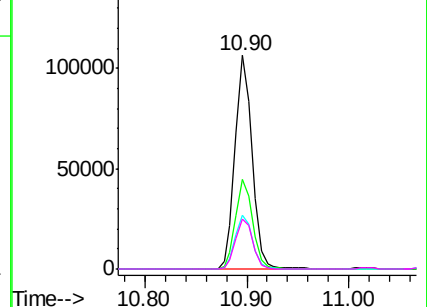


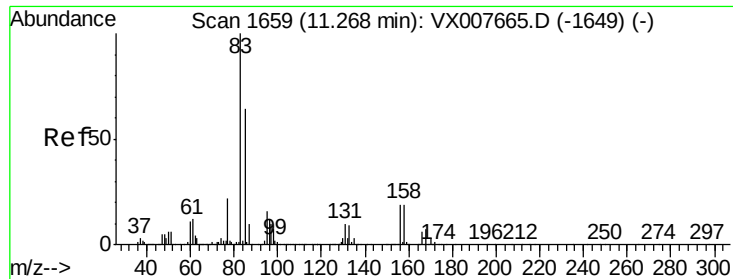
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.062 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

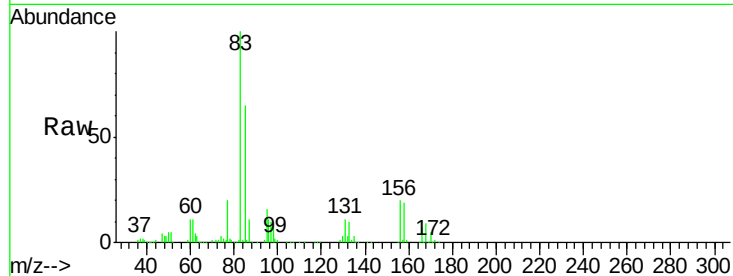
Tgt Ion: 83 Resp: 93519

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.0

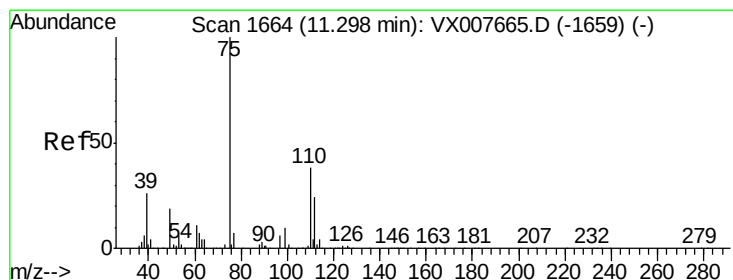
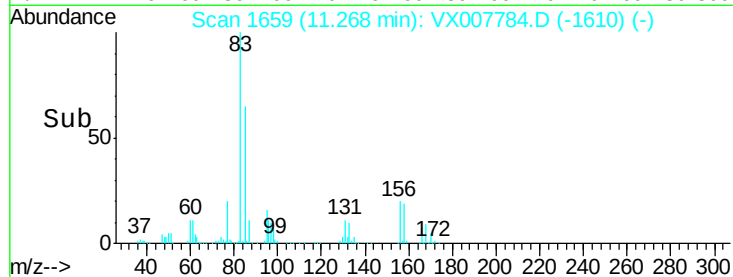
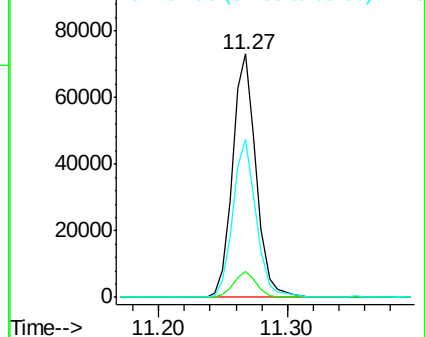
85 64.2 32.8 98.3



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: 24.766 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007784.D

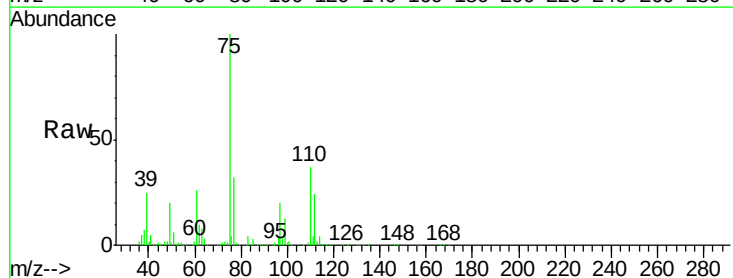
Acq: 01 Mar 2019 12:47

Tgt Ion: 75 Resp: 104770

Ion Ratio Lower Upper

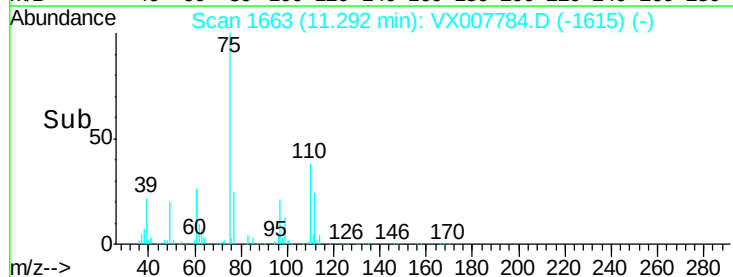
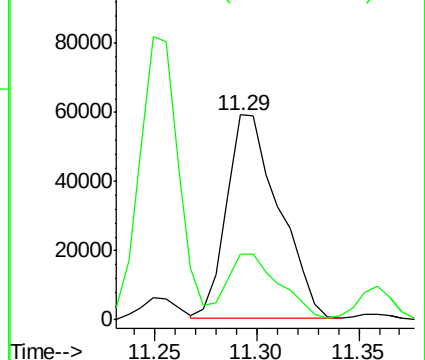
75 100

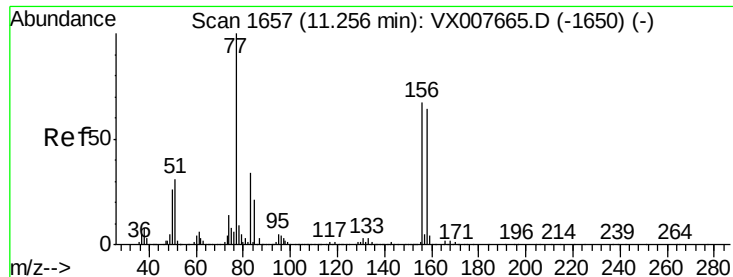
77 33.0 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.256 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

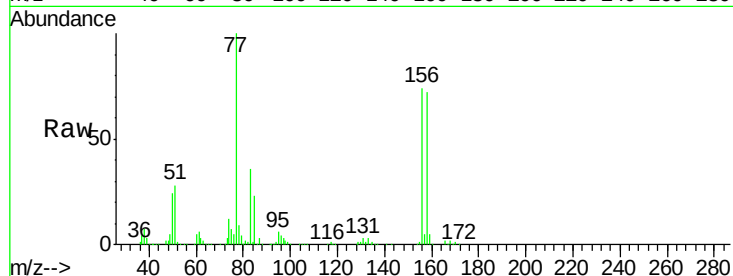
Tgt Ion:156 Resp: 75624

Ion Ratio Lower Upper

156 100

77 142.7 66.8 200.6

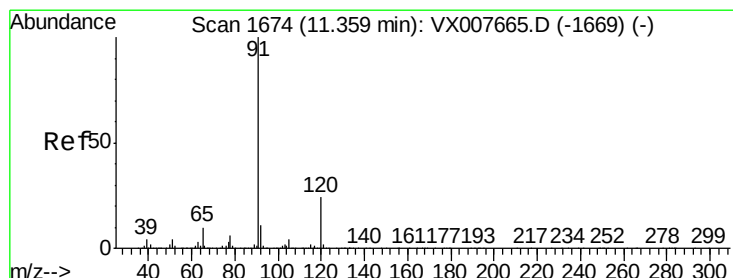
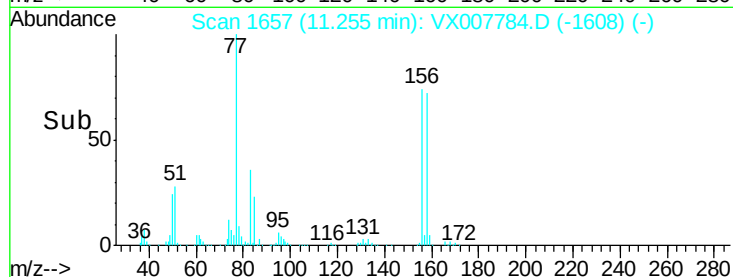
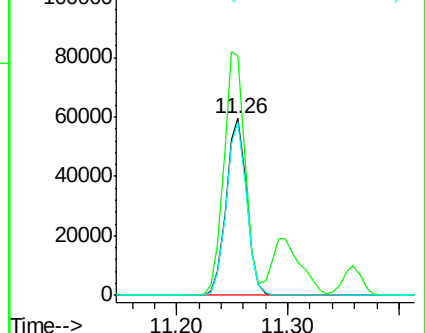
158 97.1 47.9 143.8



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: 19.135 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007784.D

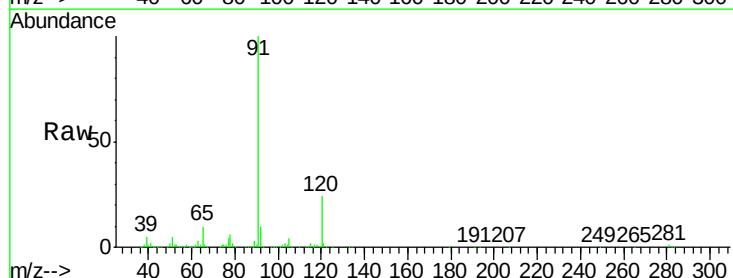
Acq: 01 Mar 2019 12:47

Tgt Ion: 91 Resp: 306716

Ion Ratio Lower Upper

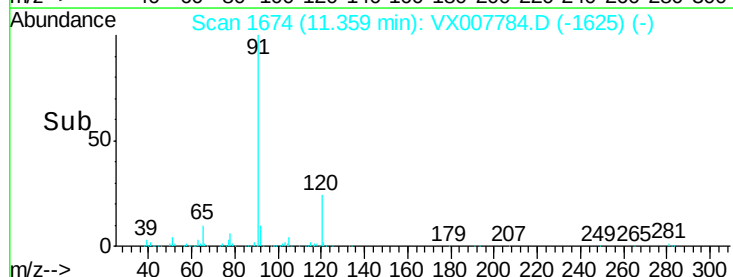
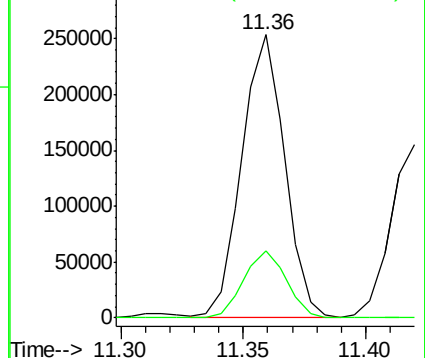
91 100

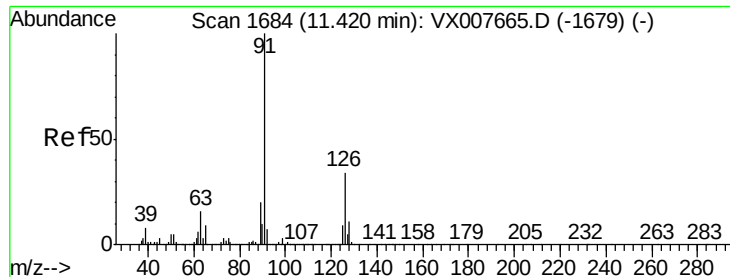
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.315 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

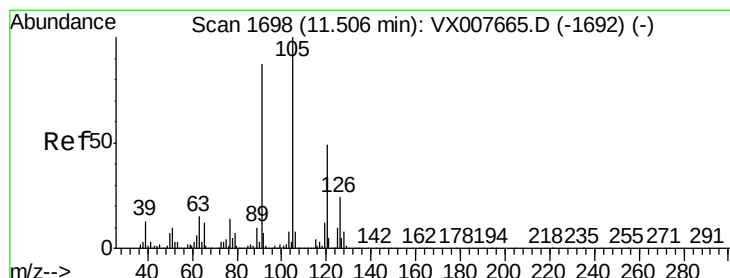
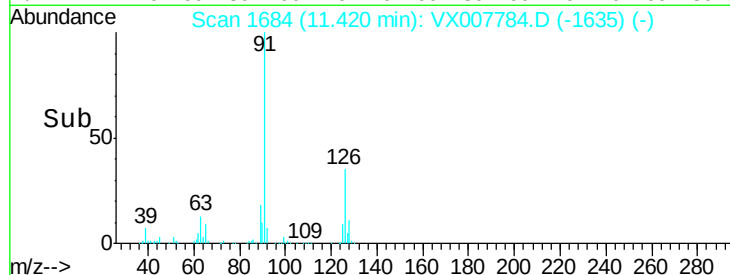
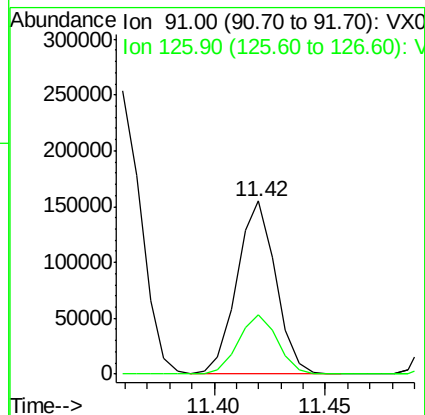
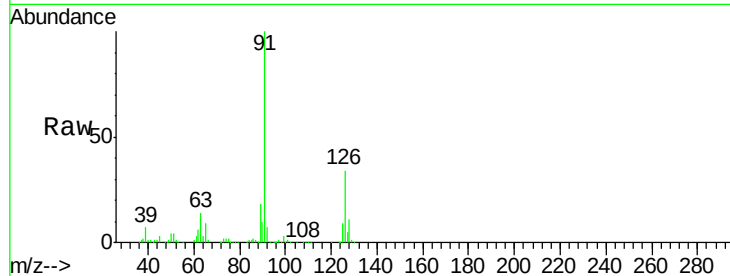
VX0301WBS01

Tgt Ion: 91 Resp: 186418

Ion Ratio Lower Upper

91 100

126 35.1 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.410 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007784.D

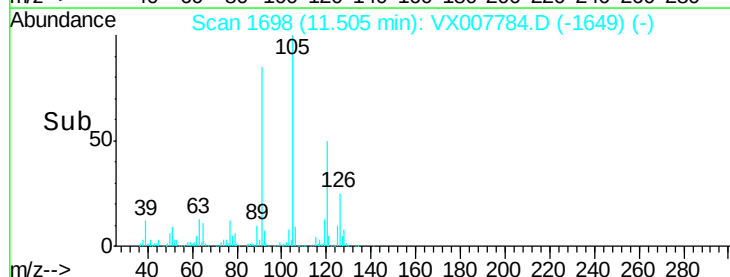
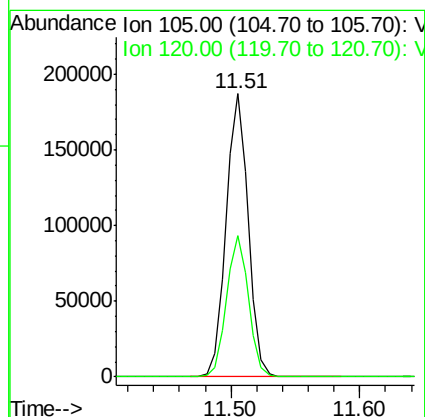
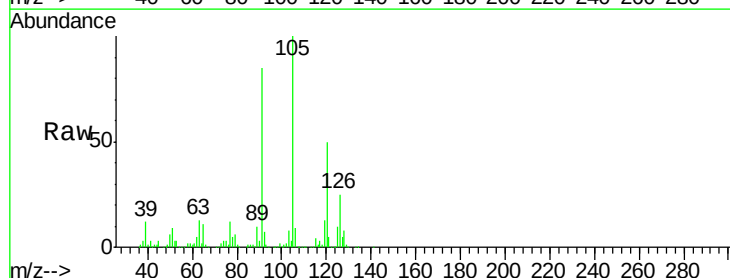
Acq: 01 Mar 2019 12:47

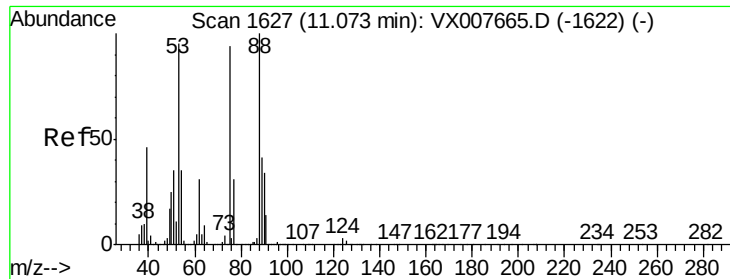
Tgt Ion: 105 Resp: 226464

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.076 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0301WBS01

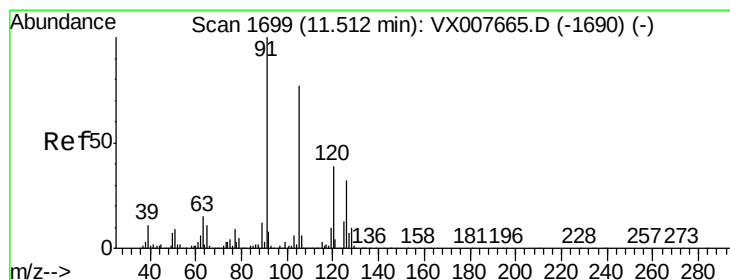
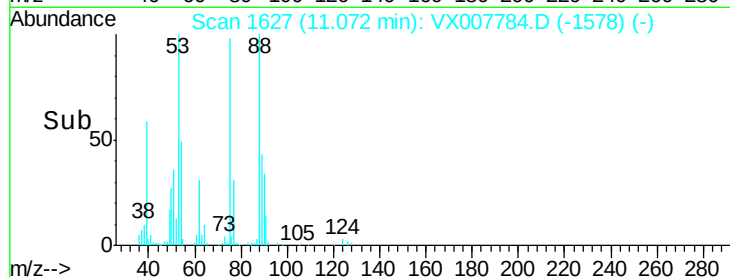
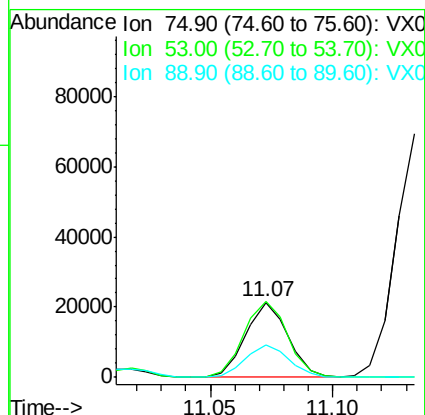
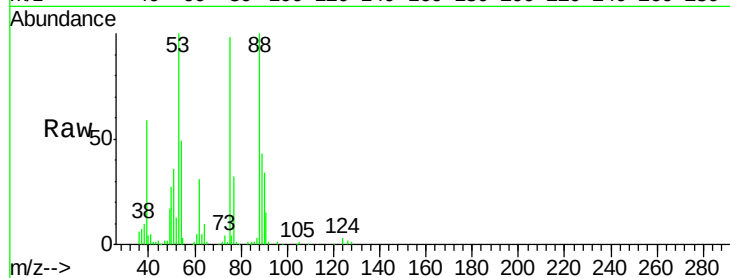
Tgt Ion: 75 Resp: 25308

Ion Ratio Lower Upper

75 100

53 106.7 81.0 121.6

89 46.0 41.4 62.0



#82

4-Chlorotoluene

Concen: 18.892 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007784.D

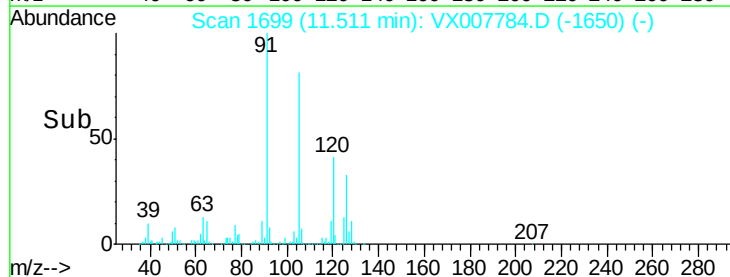
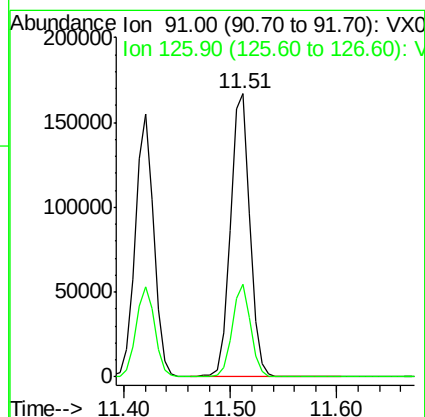
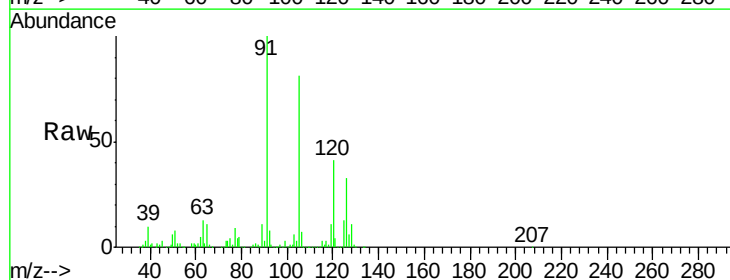
Acq: 01 Mar 2019 12:47

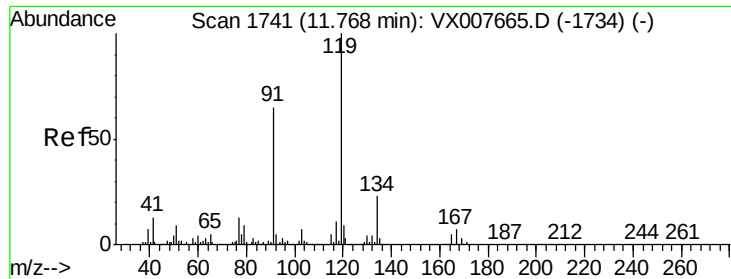
Tgt Ion: 91 Resp: 213291

Ion Ratio Lower Upper

91 100

126 31.2 16.2 48.5

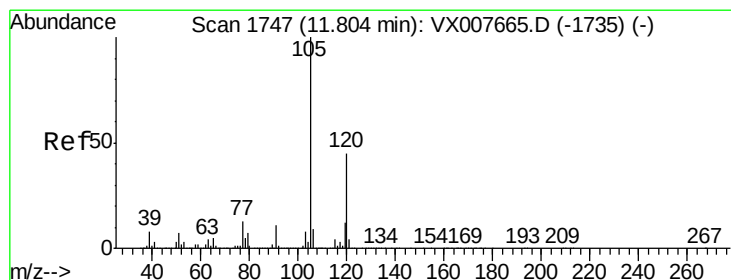
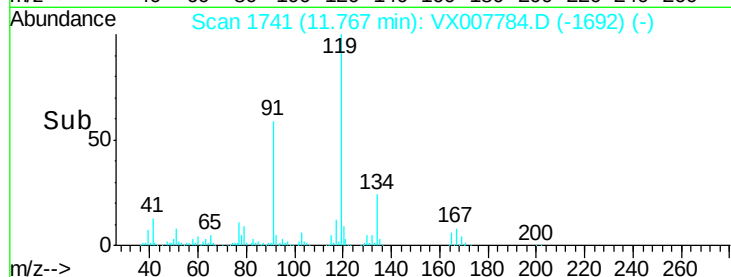
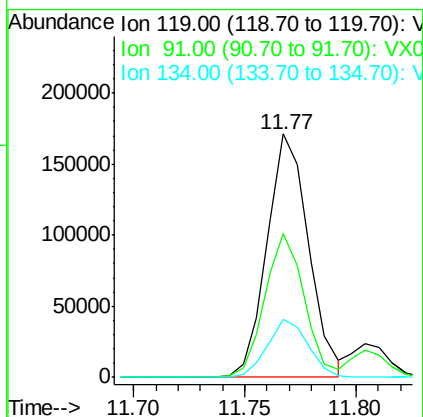
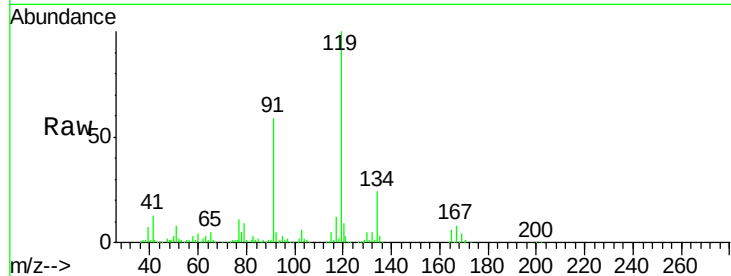




#83
 tert-Butylbenzene
 Concen: 19.831 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

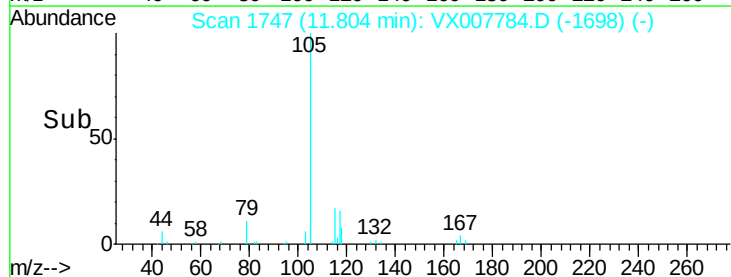
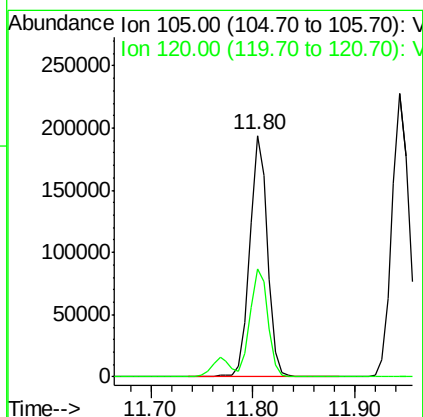
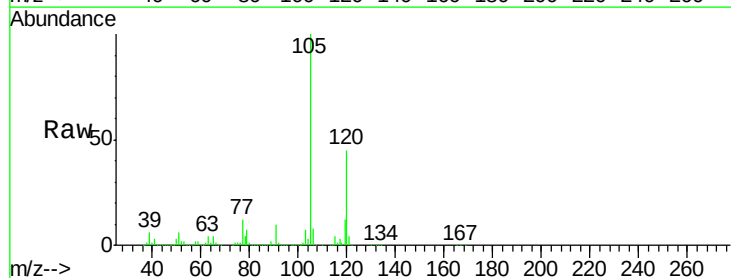
Instrument :
 MSVOA_X
 ClientSampled :
 VX0301WBS01

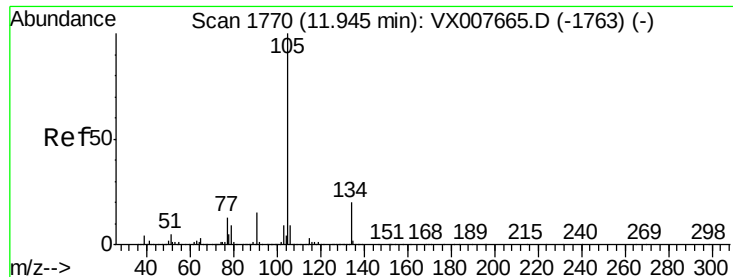
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.5	85.6
134	23.5	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.636 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.227 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

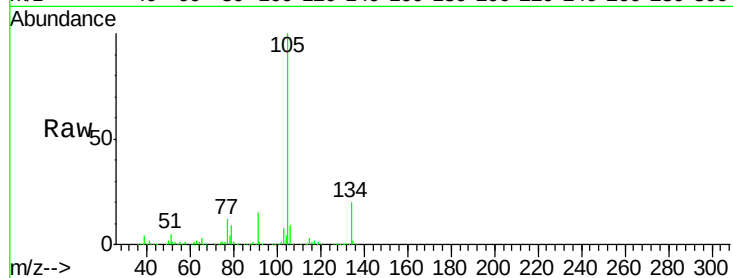
VX0301WBS01

Tgt Ion:105 Resp: 269900

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

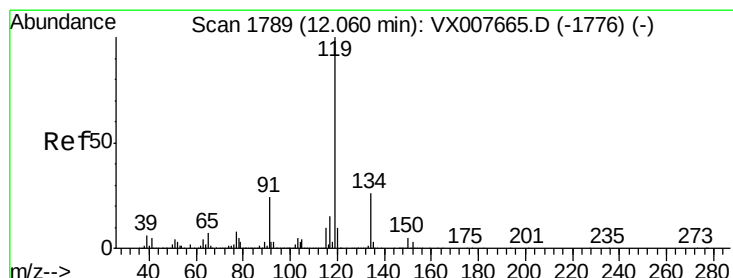
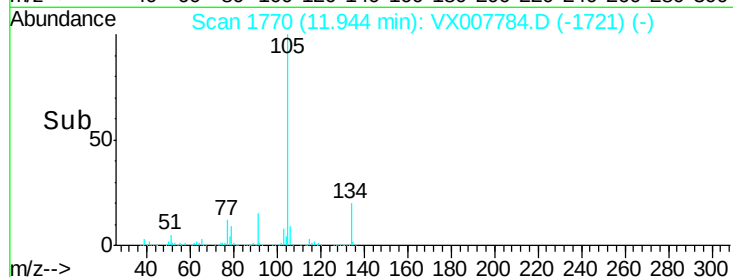
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.733 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

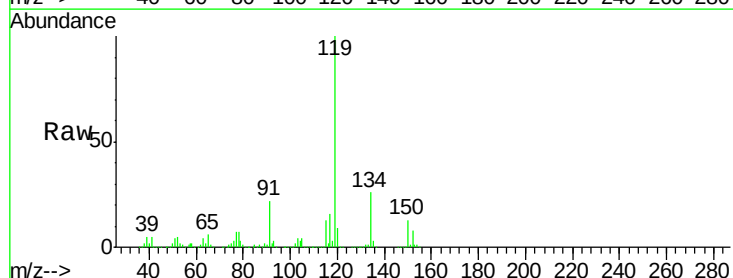
Tgt Ion:119 Resp: 242592

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.2 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

250000

200000

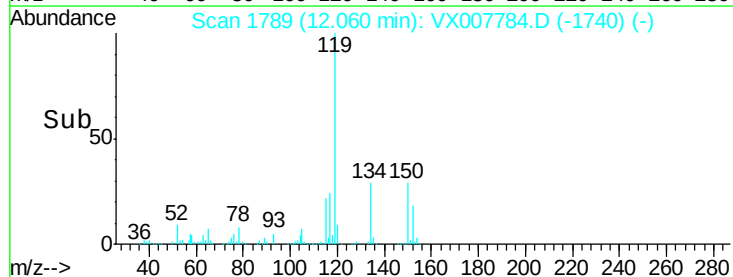
150000

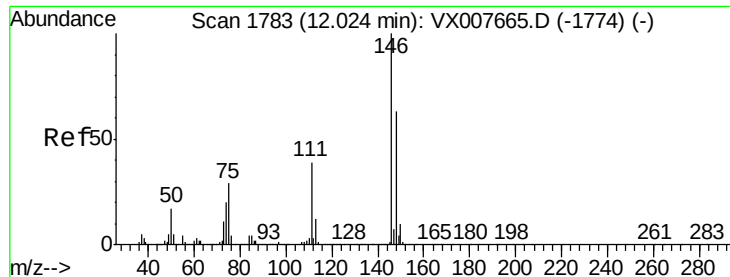
100000

50000

0

Time-->

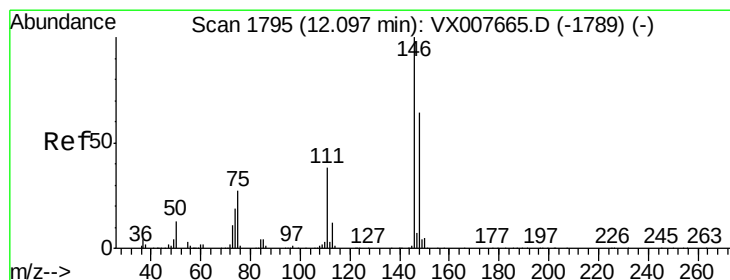
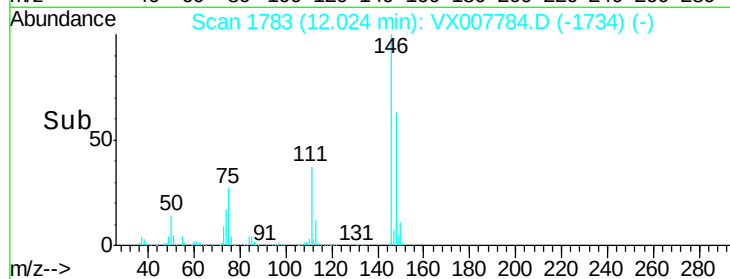
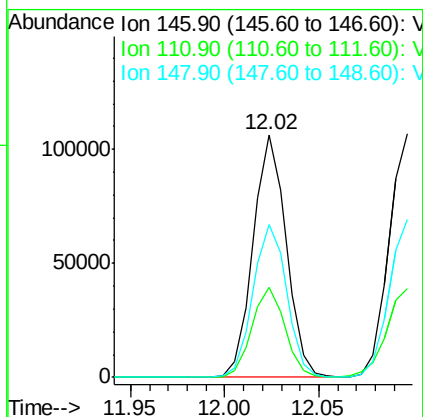
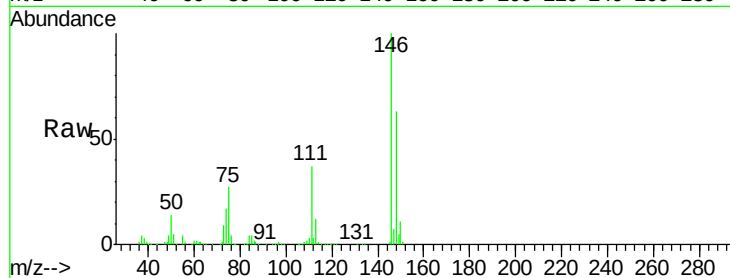




#87
 1,3-Dichlorobenzene
 Concen: 19.646 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

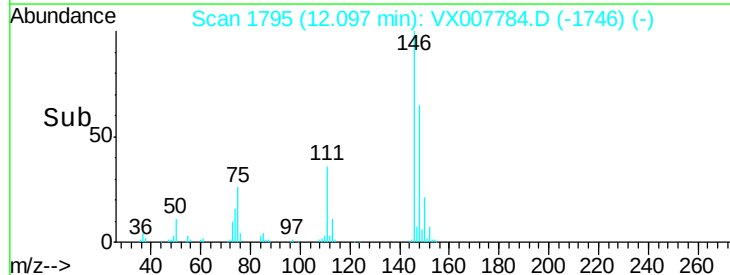
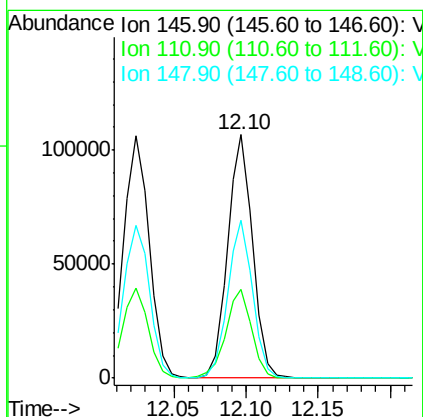
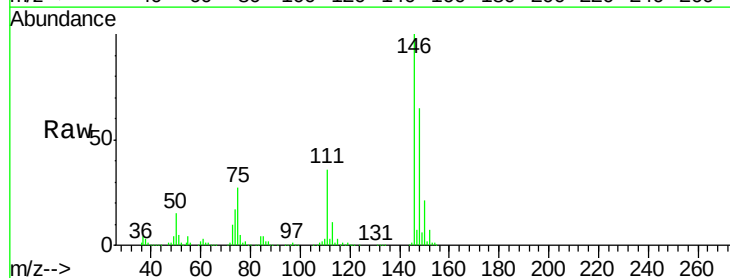
Instrument :
 MSVOA_X
 ClientSampled :
 VX0301WBS01

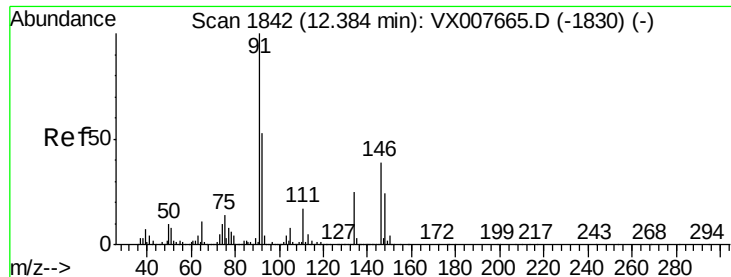
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.265 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	64.9	32.3	96.9

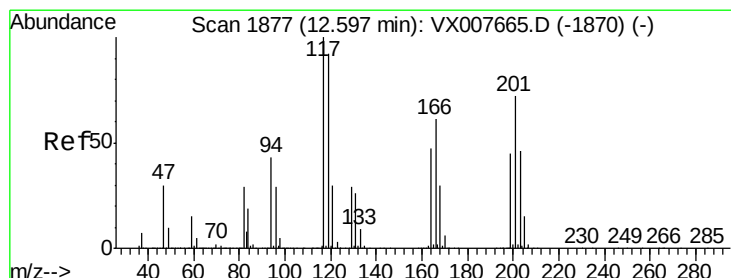
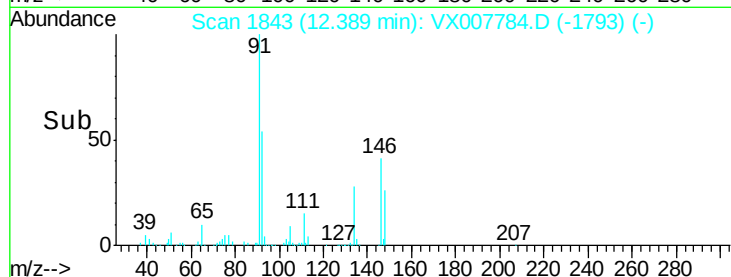
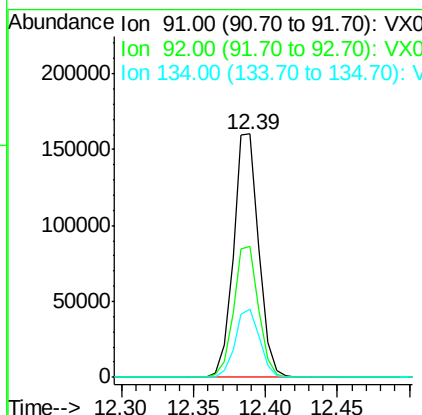
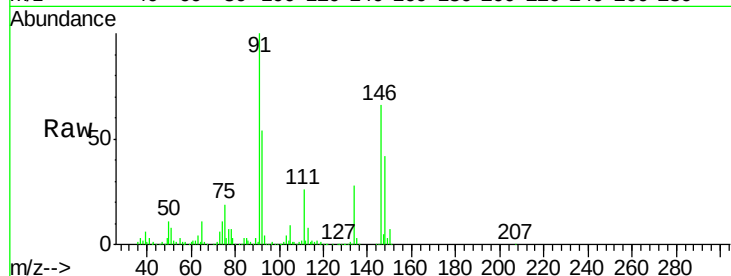




#89
n-Butylbenzene
Concen: 17.949 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

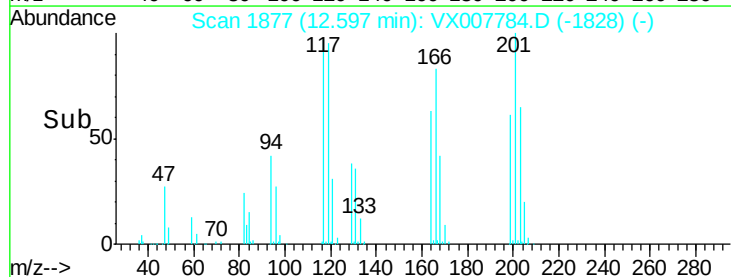
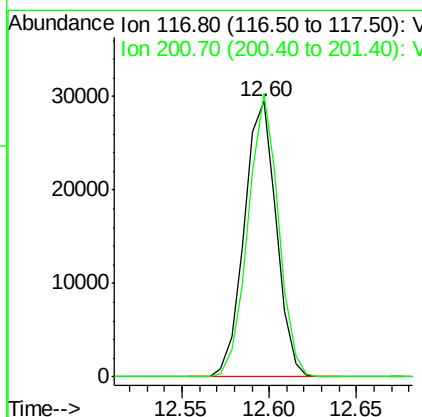
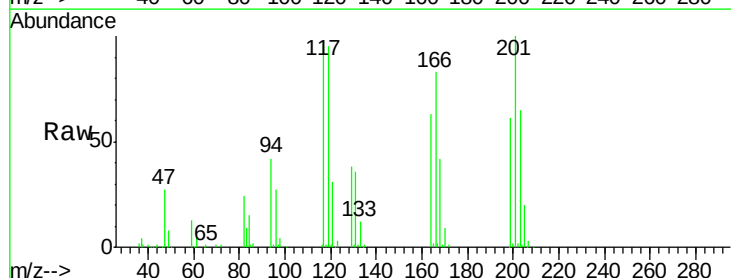
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

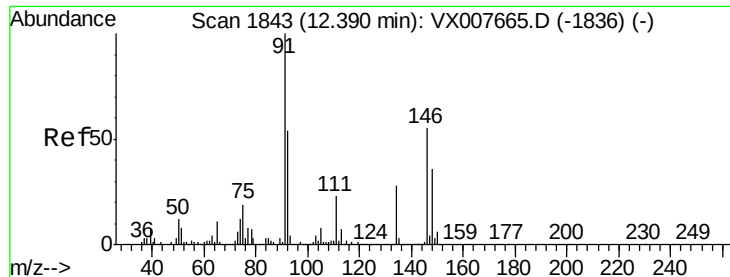
Tgt Ion: 91 Resp: 196787
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 27.1 13.9 41.6



#90
Hexachloroethane
Concen: 18.095 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 117 Resp: 37483
Ion Ratio Lower Upper
117 100
201 97.3 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.780 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0301WBS01

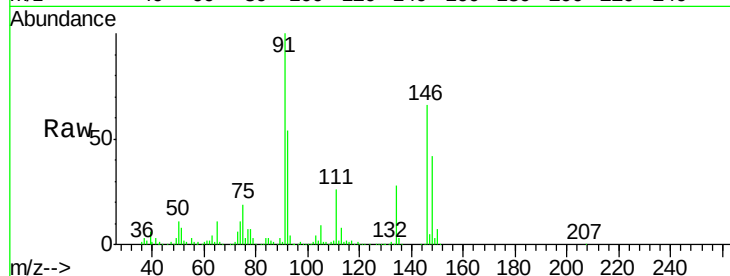
Tgt Ion:146 Resp: 130608

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

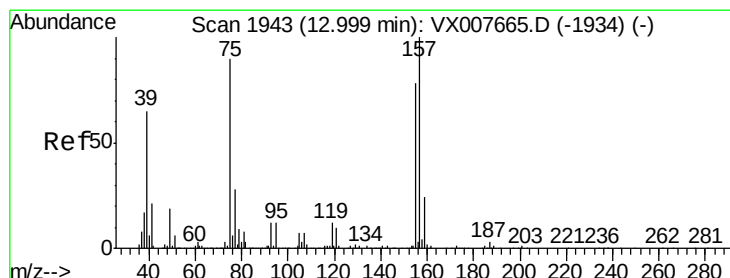
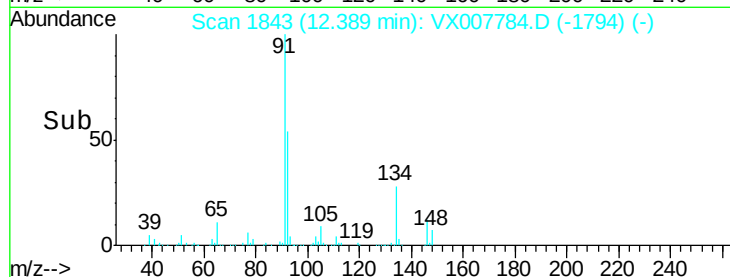
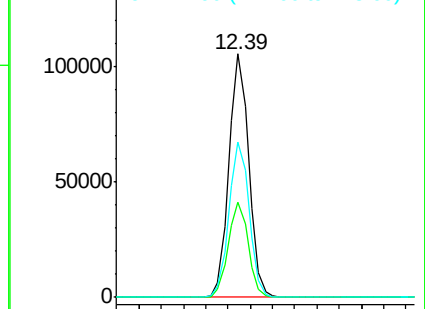
148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.776 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

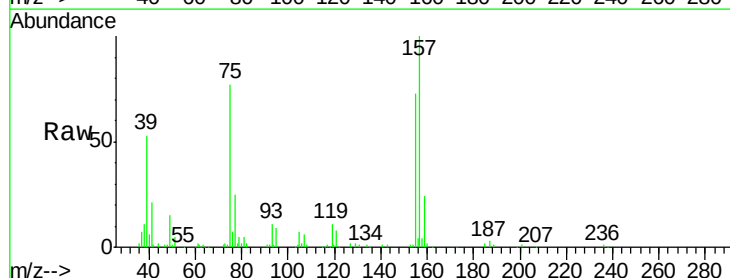
Tgt Ion: 75 Resp: 19002

Ion Ratio Lower Upper

75 100

155 96.2 49.6 149.0

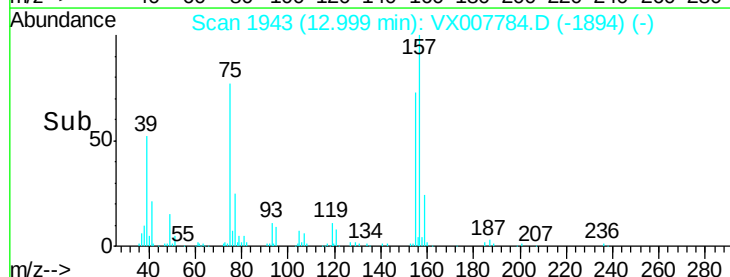
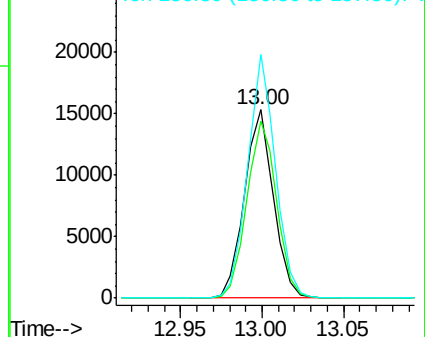
157 124.6 65.1 195.3

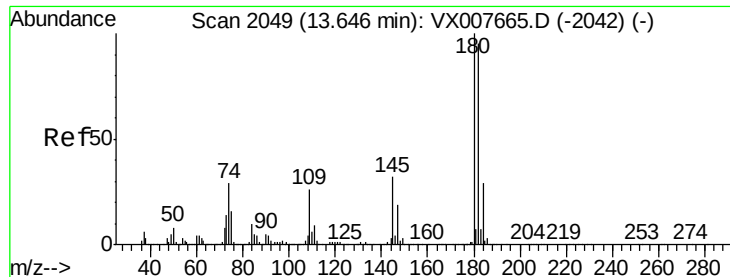


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

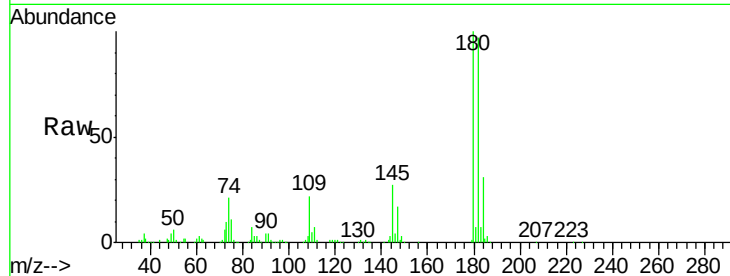




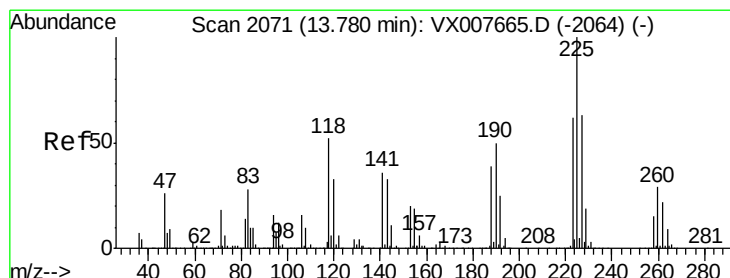
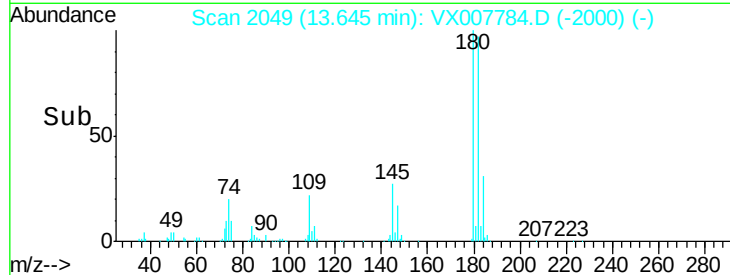
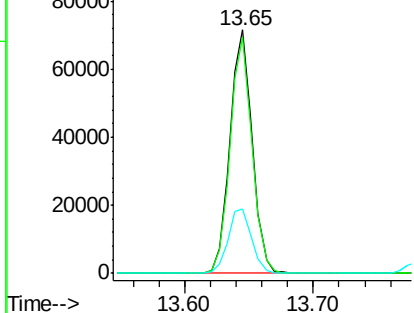
#93
 1,2,4-Trichlorobenzene
 Concen: 21.499 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tgt Ion:180 Resp: 86655
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 28.0 14.1 42.2

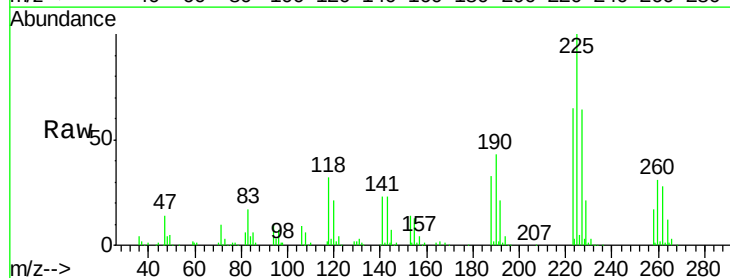


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

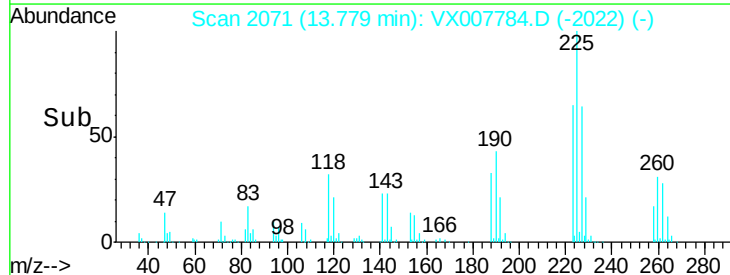
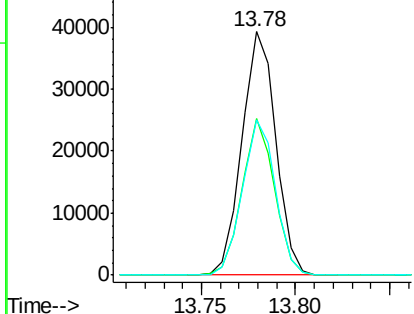


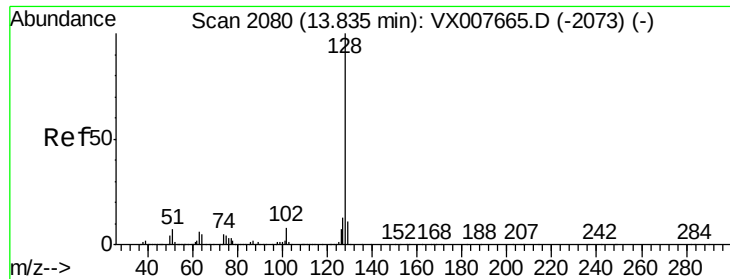
#94
 Hexachlorobutadiene
 Concen: 26.528 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion:225 Resp: 48913
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.8
 227 62.5 32.1 96.3



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





#95

Naphthalene

Concen: 19.690 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0301WBS01

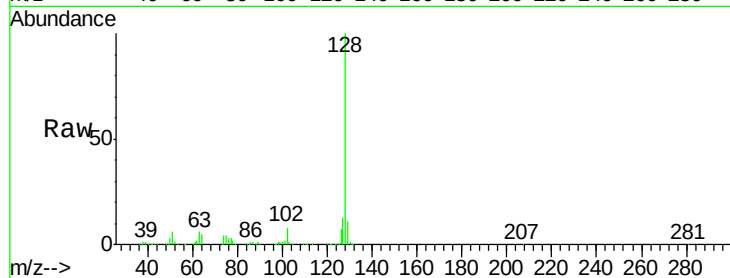
Tgt Ion:128 Resp: 257125

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

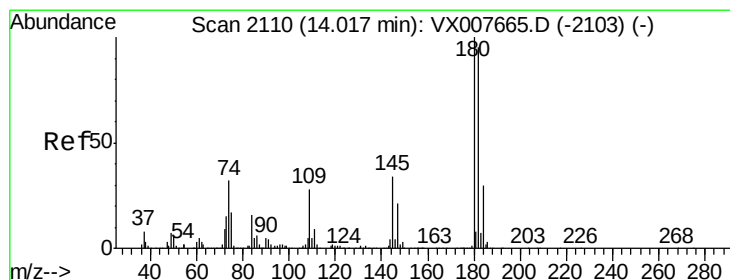
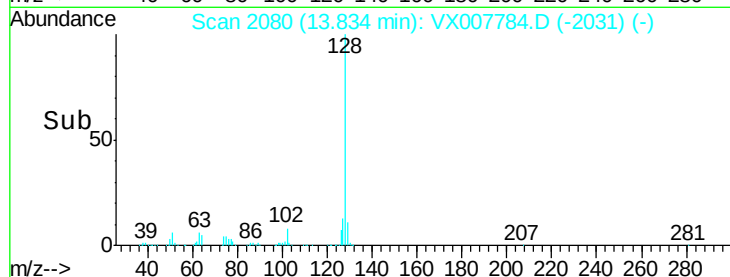
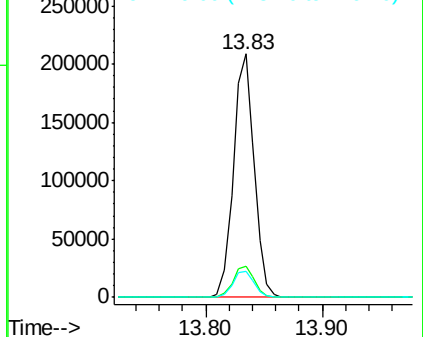
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.792 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

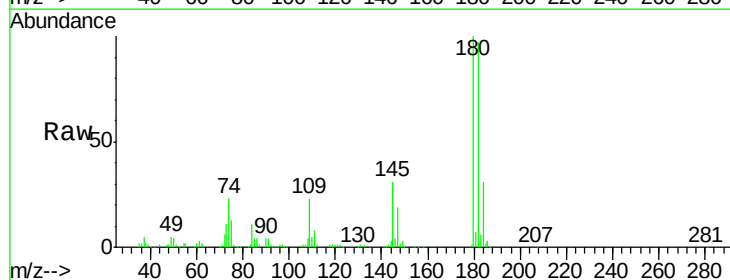
Tgt Ion:180 Resp: 88194

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.6

145 29.9 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

