

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007841.D
 Acq On : 05 Mar 2019 17:01
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Quant Time: Mar 06 00:11:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157188	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
35) Dibromofluoromethane	5.51	113	141277	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.71	98	510309	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.13	95	180954	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44528	16.933	ug/l	97
3) Chloromethane	1.33	50	55735	19.126	ug/l	99
4) Vinyl Chloride	1.41	62	58393	19.532	ug/l	90
5) Bromomethane	1.64	94	31799	15.823	ug/l	98
6) Chloroethane	1.73	64	231782	121.347	ug/l #	80
7) Trichlorofluoromethane	1.93	101	79708	17.391	ug/l	97
8) Diethyl Ether	2.19	74	35227	18.728	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48520	17.515	ug/l	100
10) Methyl Iodide	2.51	142	76431	22.158	ug/l	97
11) Tert butyl alcohol	3.07	59	76027	113.321	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47597	19.062	ug/l	97
13) Acrolein	2.30	56	5281	8.858	ug/l	96
14) Allyl chloride	2.73	41	102484	22.197	ug/l	89
15) Acrylonitrile	3.15	53	168623	106.802	ug/l	100
16) Acetone	2.45	43	144230	91.723	ug/l	99
17) Carbon Disulfide	2.57	76	142034	20.446	ug/l	100
18) Methyl Acetate	2.78	43	83761	24.411	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	175259	20.155	ug/l	98
20) Methylene Chloride	2.86	84	54738	18.852	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	51068	18.812	ug/l	92
22) Diisopropyl ether	3.87	45	194781	20.266	ug/l	94
23) Vinyl Acetate	3.82	43	839921	99.605	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104827	20.068	ug/l	97
25) 2-Butanone	4.70	43	241426	100.793	ug/l	95
26) 2,2-Dichloropropane	4.59	77	67925	16.290	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62193	18.006	ug/l	93
28) Bromochloromethane	5.02	49	45409	17.857	ug/l	87
29) Tetrahydrofuran	5.15	42	162147	102.697	ug/l	93
30) Chloroform	5.21	83	101065	18.063	ug/l	99
31) Cyclohexane	5.58	56	88625	18.037	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	86358	18.662	ug/l	99
36) 1,1-Dichloropropene	5.80	75	71308	18.856	ug/l	97
37) Ethyl Acetate	4.85	43	89976	21.419	ug/l	99
38) Carbon Tetrachloride	5.78	117	76990	20.267	ug/l	97

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 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	85649	17.920	ug/l	93
40) Benzene	6.15	78	228803	19.600	ug/l	98
41) Methacrylonitrile	5.06	41	49536	22.083	ug/l	94
42) 1,2-Dichloroethane	6.20	62	76830	19.581	ug/l	99
43) Isopropyl Acetate	6.46	43	141510	21.888	ug/l	98
44) Trichloroethene	7.21	130	60929	18.973	ug/l	95
45) 1,2-Dichloropropane	7.52	63	62577	20.694	ug/l	99
46) Dibromomethane	7.66	93	38823	18.403	ug/l	98
47) Bromodichloromethane	7.90	83	79557	21.761	ug/l	98
48) Methyl methacrylate	7.77	41	67990	20.062	ug/l	92
49) 1,4-Dioxane	7.75	88	29498	402.998	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	462589	106.890	ug/l	100
52) Toluene	8.78	92	138124	18.764	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82516	19.940	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90967	20.504	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	60430	19.686	ug/l	97
56) Ethyl methacrylate	9.18	69	85148	19.505	ug/l	93
57) 1,3-Dichloropropane	9.37	76	98651	20.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	211021	87.660	ug/l	97
59) 2-Hexanone	9.49	43	350297	103.100	ug/l	100
60) Dibromochloromethane	9.58	129	66649	22.564	ug/l	98
61) 1,2-Dibromoethane	9.67	107	62745	19.687	ug/l	100
64) Tetrachloroethene	9.34	164	55265	18.392	ug/l	97
65) Chlorobenzene	10.13	112	155348	19.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59953	21.470	ug/l	99
67) Ethyl Benzene	10.25	91	256983	19.379	ug/l	100
68) m/p-Xylenes	10.36	106	196948	38.176	ug/l	96
69) o-Xylene	10.69	106	96449	19.436	ug/l	96
70) Styrene	10.71	104	156108	19.139	ug/l	99
71) Bromoform	10.86	173	55977	26.733	ug/l #	100
73) Isopropylbenzene	11.02	105	258890	19.361	ug/l	100
74) N-amyl acetate	10.90	43	120404	20.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92450	19.990	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	104742	26.265	ug/l	80
77) Bromobenzene	11.26	156	69643	20.765	ug/l	94
78) n-propylbenzene	11.36	91	285527	18.897	ug/l	98
79) 2-Chlorotoluene	11.42	91	172524	18.963	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	212139	19.288	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	27210	20.193	ug/l	92
82) 4-Chlorotoluene	11.51	91	194612	18.285	ug/l	99
83) tert-Butylbenzene	11.77	119	222679	21.086	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	219001	19.466	ug/l	98
85) sec-Butylbenzene	11.94	105	254004	19.194	ug/l	98
86) p-Isopropyltoluene	12.06	119	224559	19.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120697	19.401	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	122001	19.149	ug/l	98
89) n-Butylbenzene	12.39	91	182748	17.682	ug/l	100
90) Hexachloroethane	12.60	117	42079	21.549	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	122361	19.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19819	19.668	ug/l	98

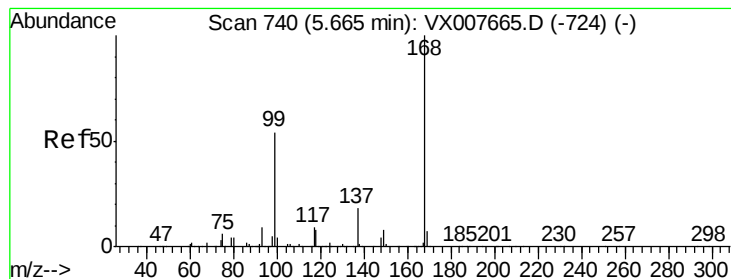
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
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Quant Time: Mar 06 00:11:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82438	21.697	ug/l	100
94) Hexachlorobutadiene	13.78	225	44425	25.559	ug/l	99
95) Naphthalene	13.83	128	248285	20.170	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83846	21.977	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

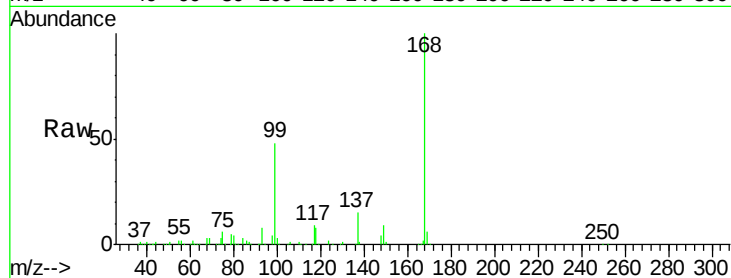
VX0305WBSD01

Tot Ion:168 Resp: 285463

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

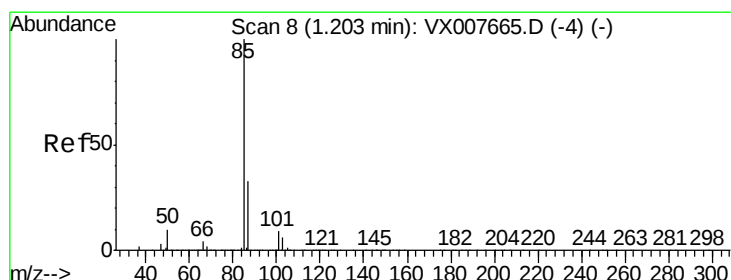
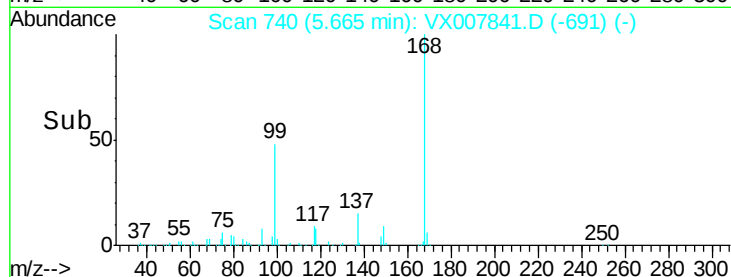
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.933 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007841.D

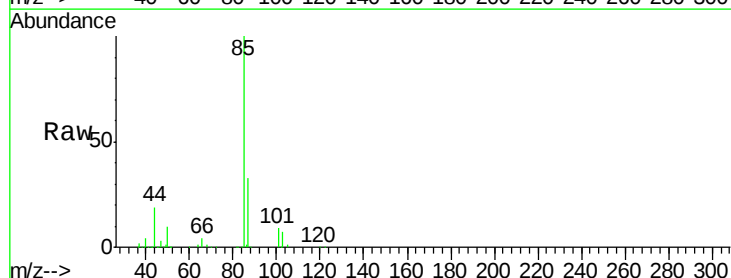
Acq: 05 Mar 2019 17:01

Tgt Ion: 85 Resp: 44528

Ion Ratio Lower Upper

85 100

87 33.0 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

40000

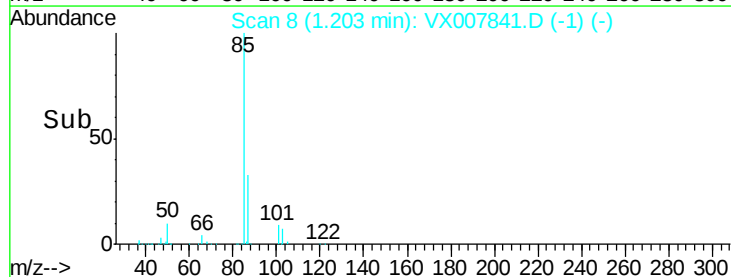
30000

20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.126 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

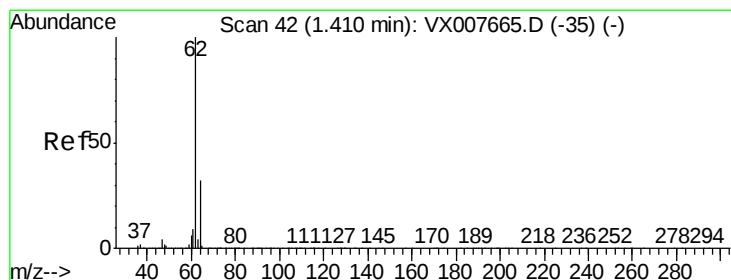
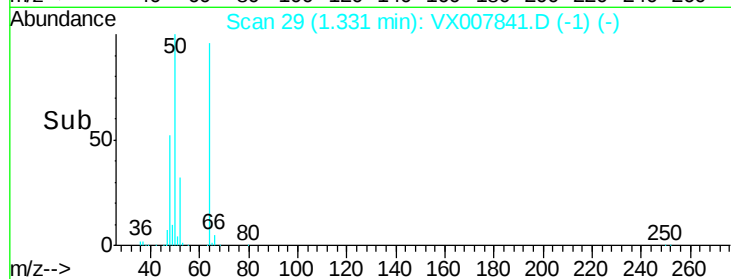
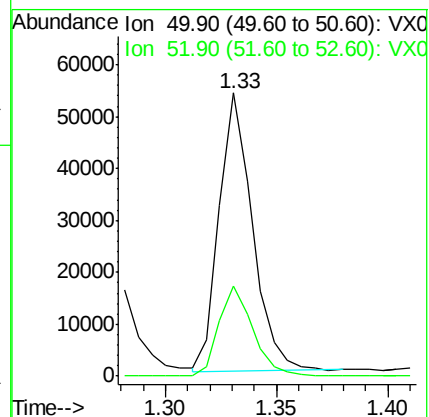
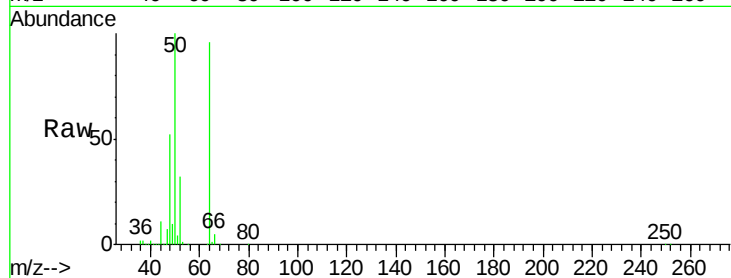
VX0305WBSD01

Tot Ion: 50 Resp: 55735

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



#4

Vinyl Chloride

Concen: 19.532 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007841.D

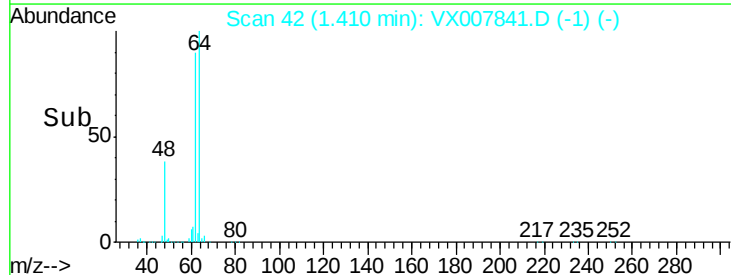
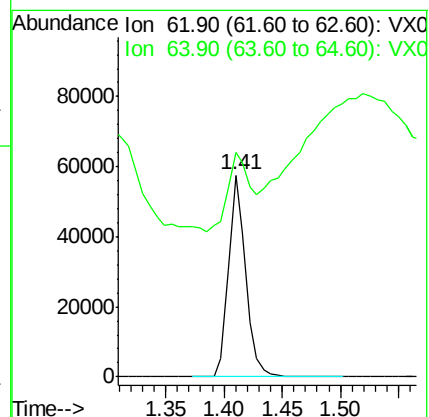
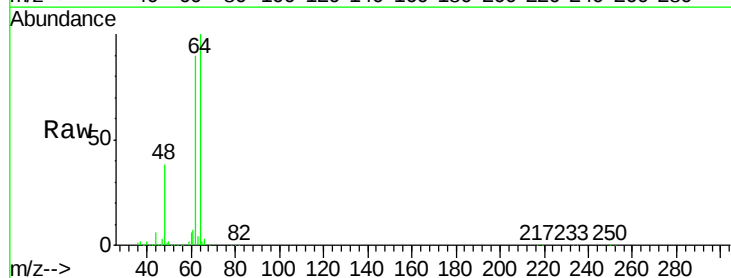
Acq: 05 Mar 2019 17:01

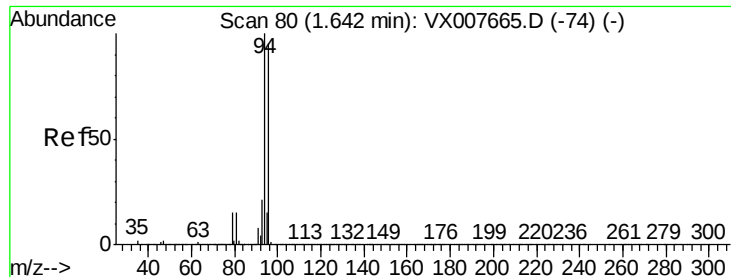
Tgt Ion: 62 Resp: 58393

Ion Ratio Lower Upper

62 100

64 37.2 25.4 38.0





#5

Bromomethane

Concen: 15.823 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

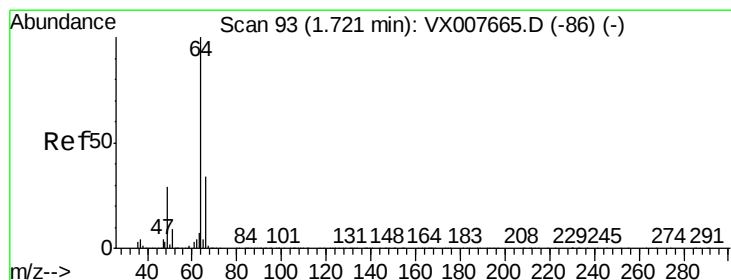
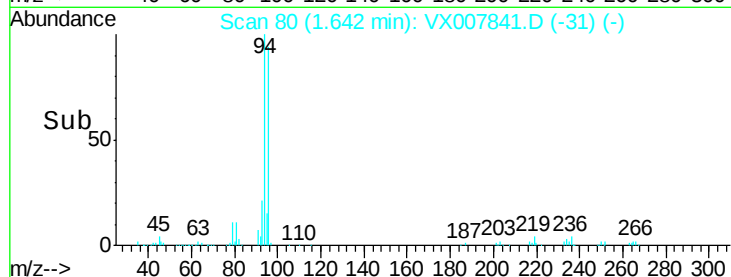
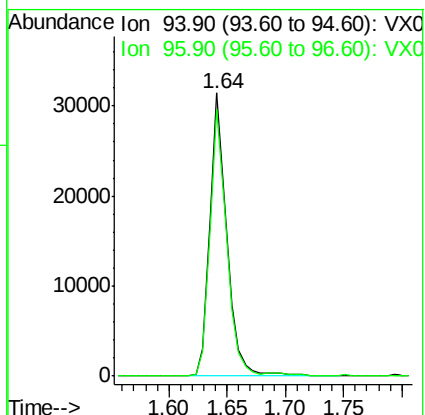
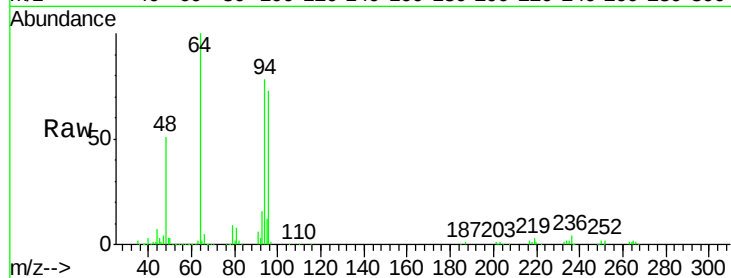
VX0305WBSD01

Tot Ion: 94 Resp: 31799

Ion Ratio Lower Upper

94 100

96 94.1 73.9 110.9



#6

Chloroethane

Concen: 121.347 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007841.D

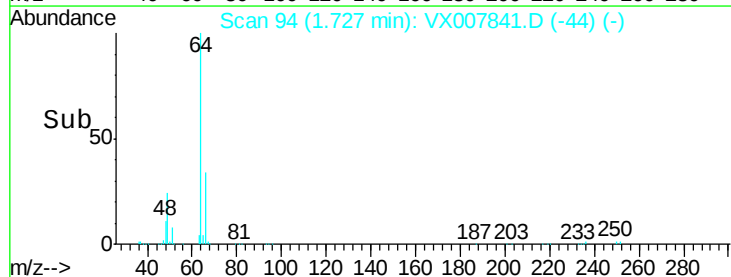
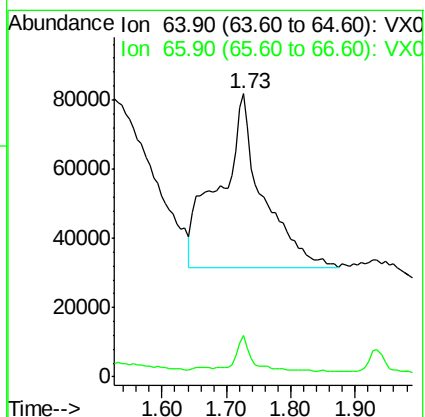
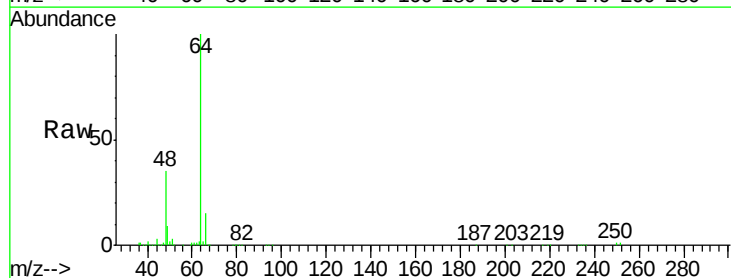
Acq: 05 Mar 2019 17:01

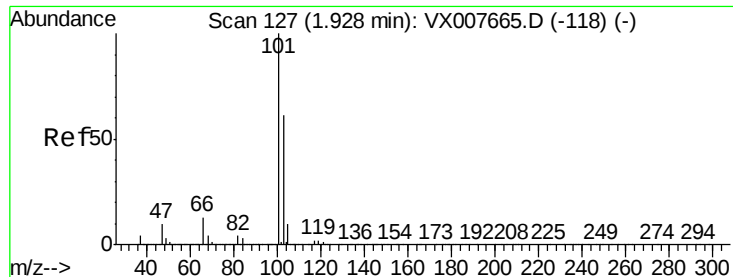
Tgt Ion: 64 Resp: 231782

Ion Ratio Lower Upper

64 100

66 20.7 25.5 38.3#



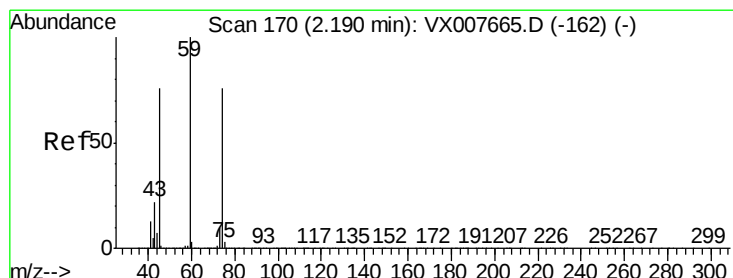
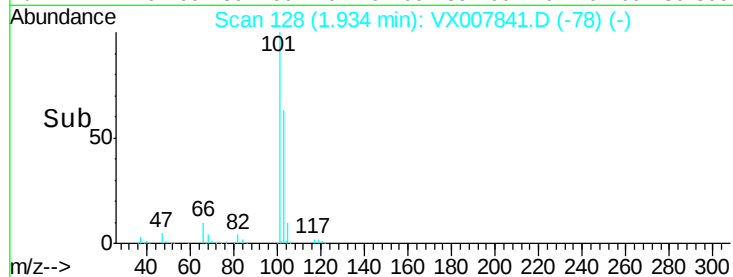
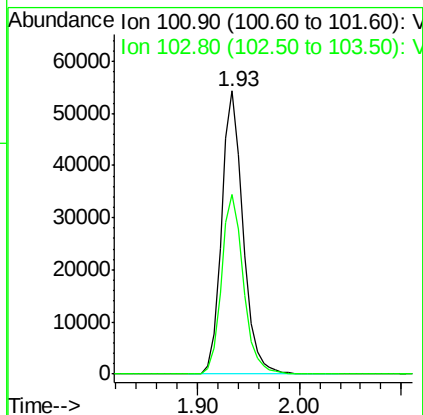
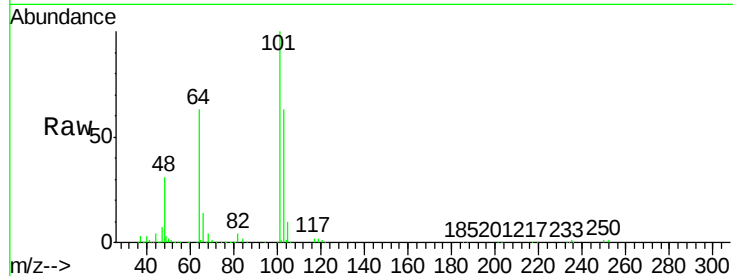


#7

Trichlorofluoromethane
Concen: 17.391 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

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MSVOA_X
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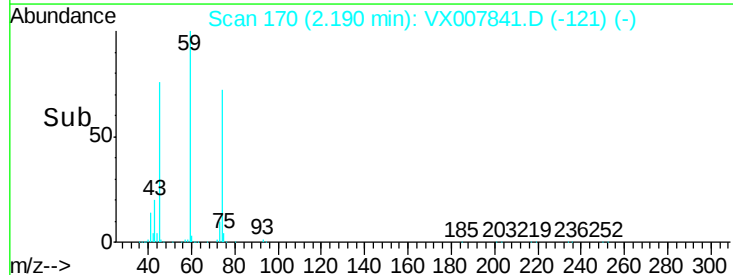
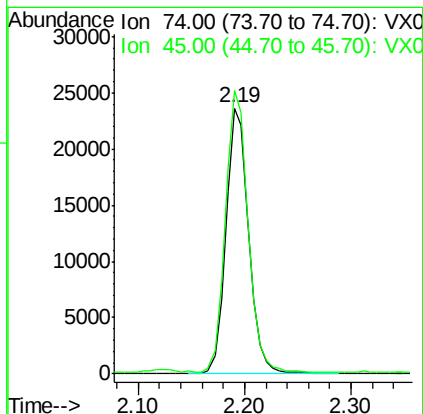
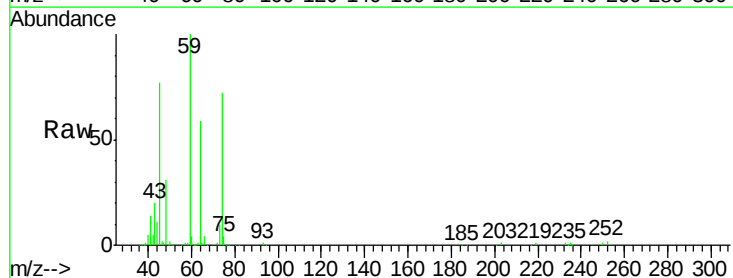
Tot Ion:101 Resp: 79708
Ion Ratio Lower Upper
101 100
103 63.5 52.6 79.0



#8

Diethyl Ether
Concen: 18.728 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 74 Resp: 35227
Ion Ratio Lower Upper
74 100
45 105.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.515 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

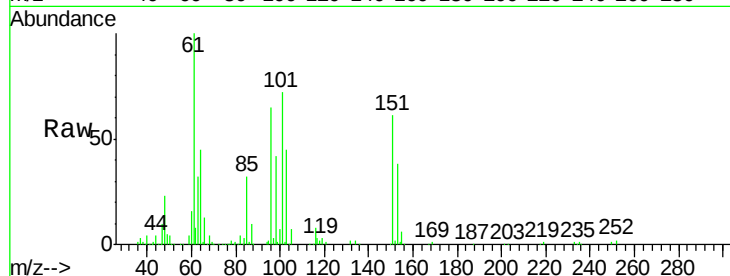
Tot Ion:101 Resp: 48520

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

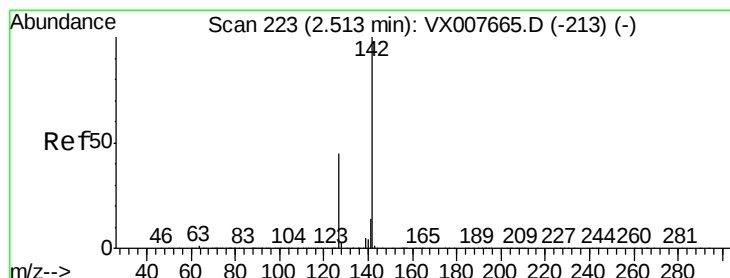
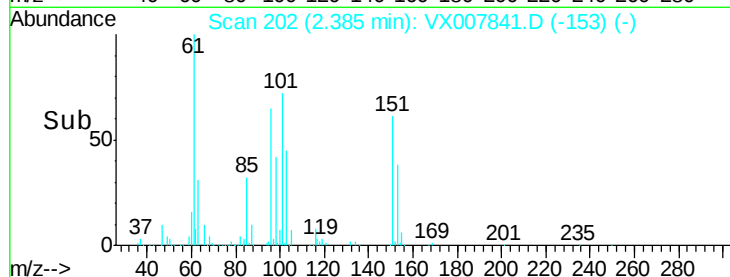
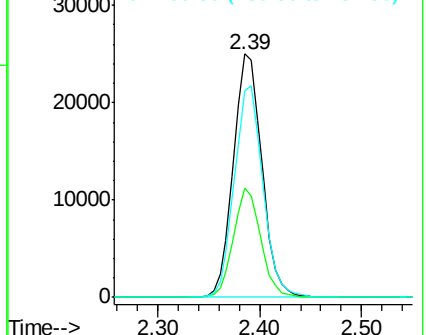
151 86.8 69.9 104.9



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: 22.158 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

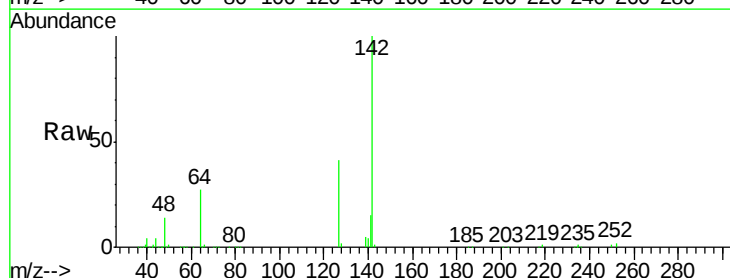
Tgt Ion:142 Resp: 76431

Ion Ratio Lower Upper

142 100

127 39.6 33.7 50.5

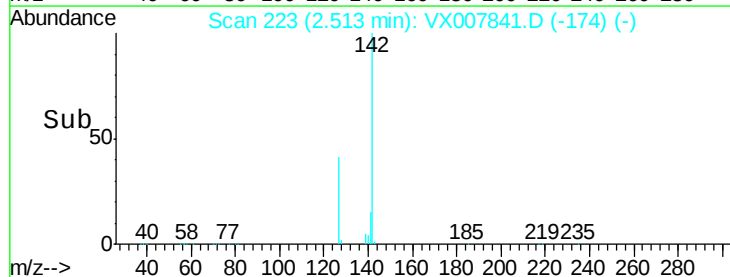
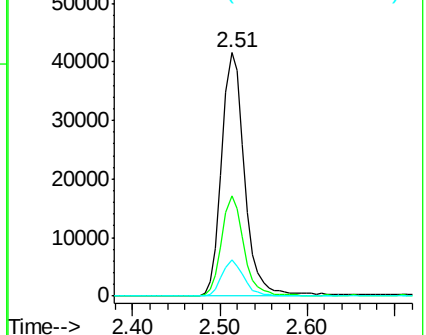
141 14.2 11.3 16.9

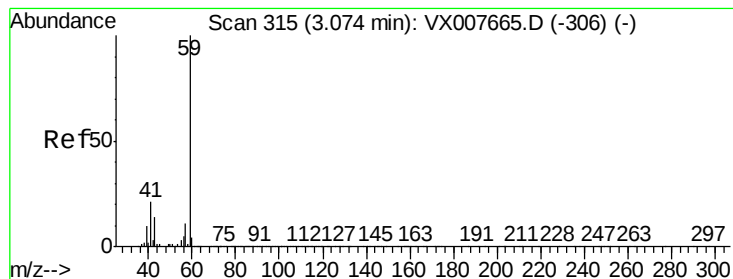


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



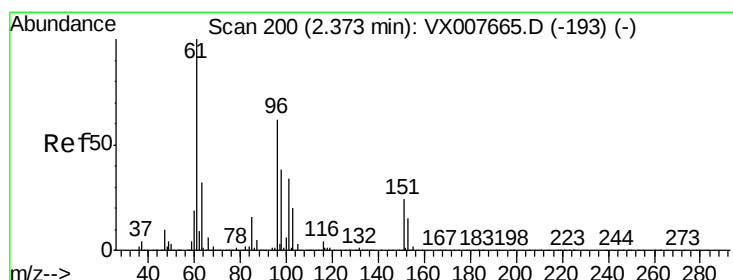
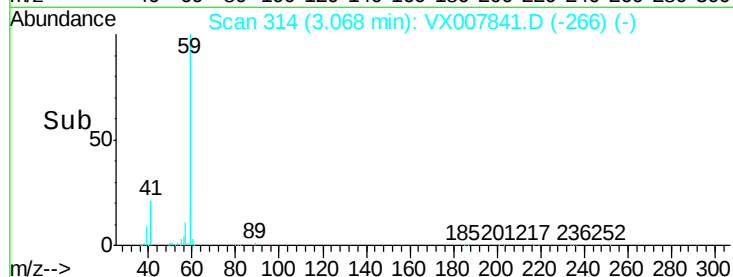
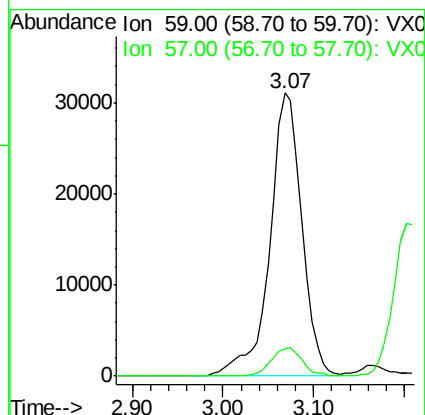
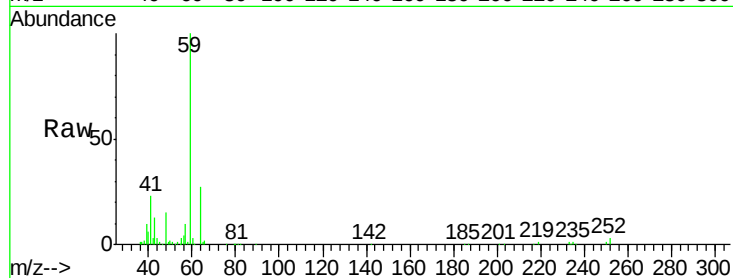


#11

Tert butyl alcohol
 Concen: 113.321 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

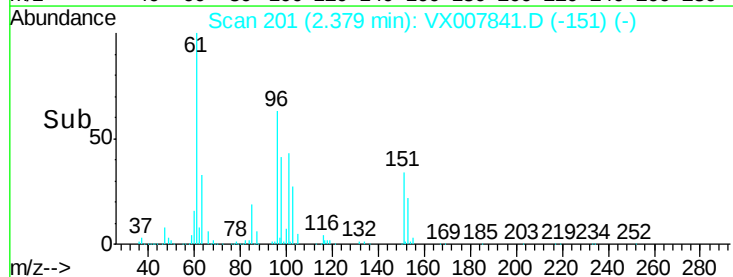
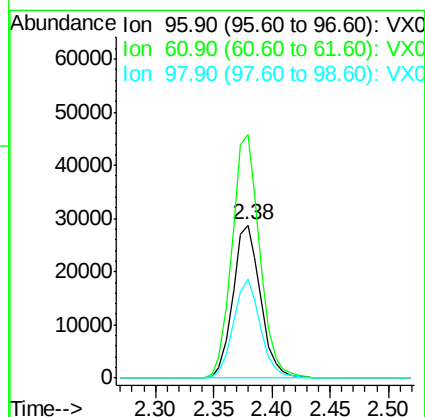
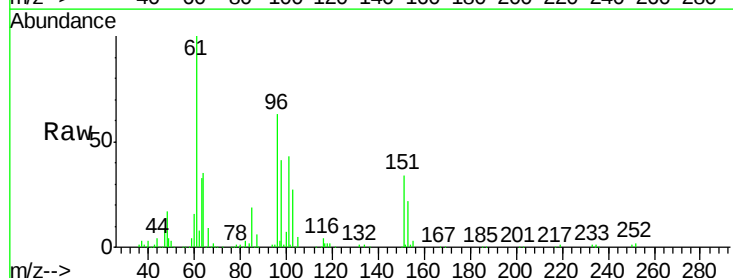
Tot Ion: 59 Resp: 76027
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.1 12.1

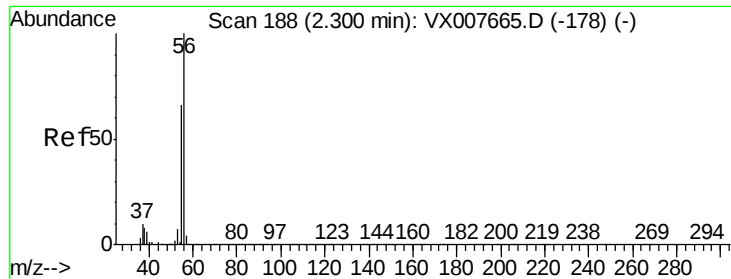


#12

1,1-Dichloroethene
 Concen: 19.062 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion: 96 Resp: 47597
 Ion Ratio Lower Upper
 96 100
 61 158.8 123.0 184.4
 98 64.6 50.9 76.3





#13

Acrolein

Concen: 8.858 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

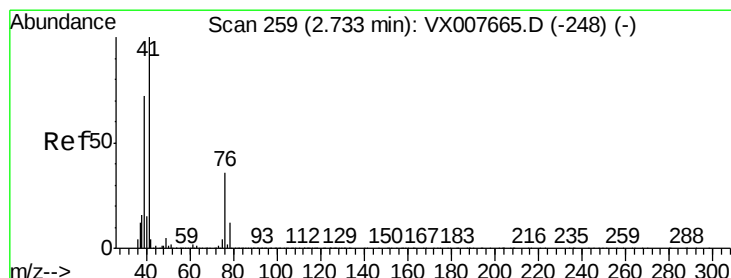
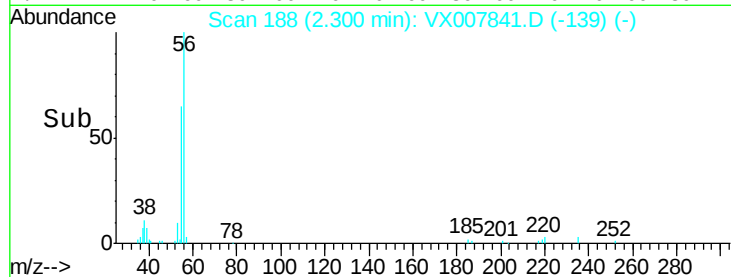
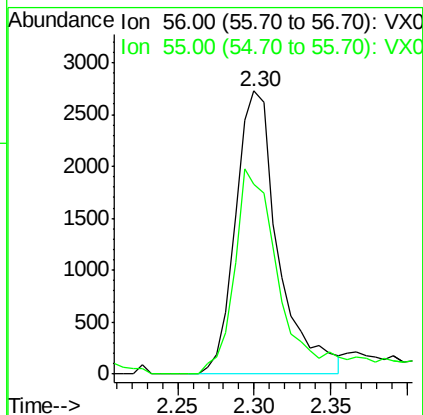
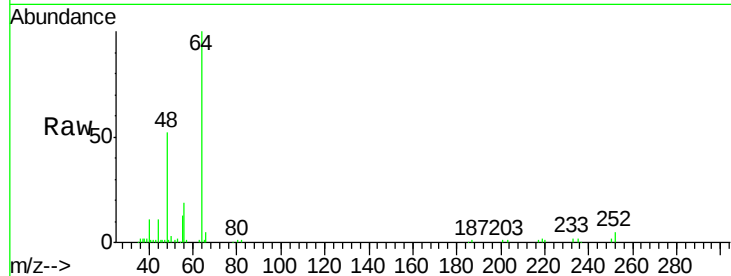
VX0305WBSD01

Tot Ion: 56 Resp: 5281

Ion Ratio Lower Upper

56 100

55 74.7 56.9 85.3



#14

Allyl chloride

Concen: 22.197 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

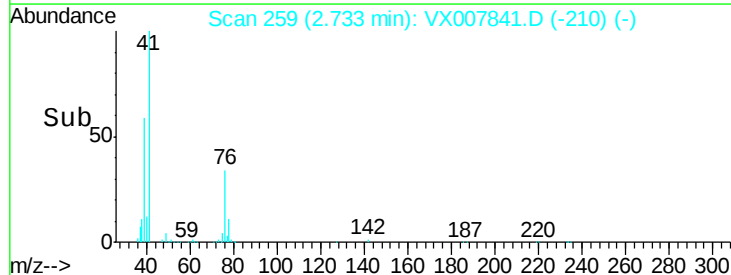
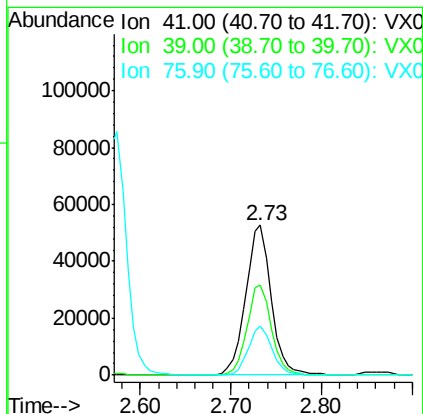
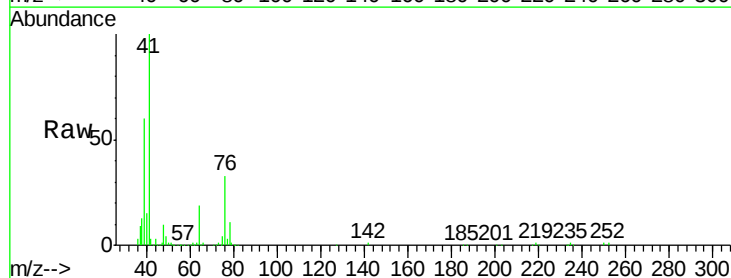
Tgt Ion: 41 Resp: 102484

Ion Ratio Lower Upper

41 100

39 57.0 54.1 81.1

76 30.3 27.8 41.8





#15

Acrylonitrile

Concen: 106.802 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleID :

VX0305WBSD01

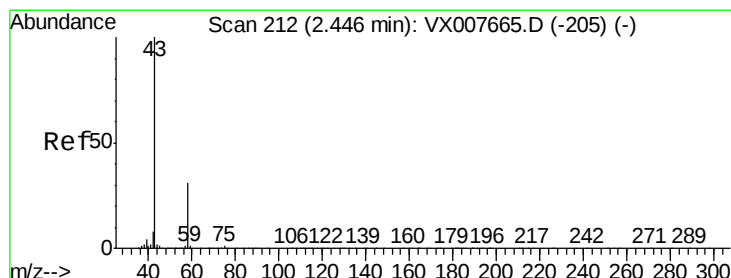
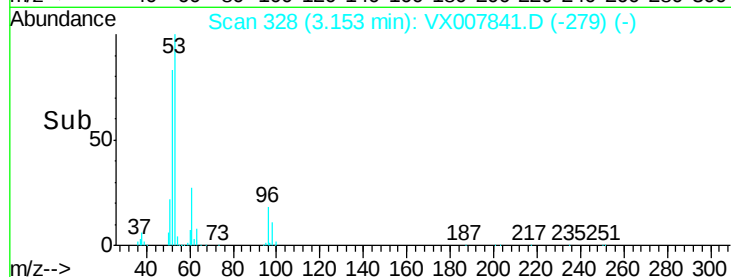
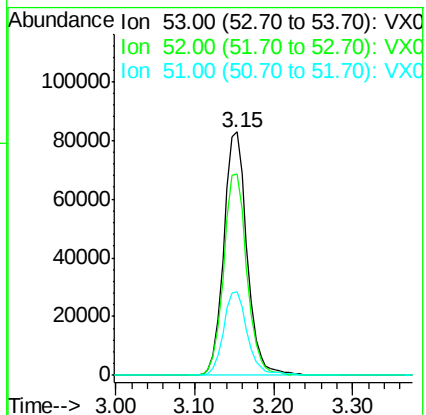
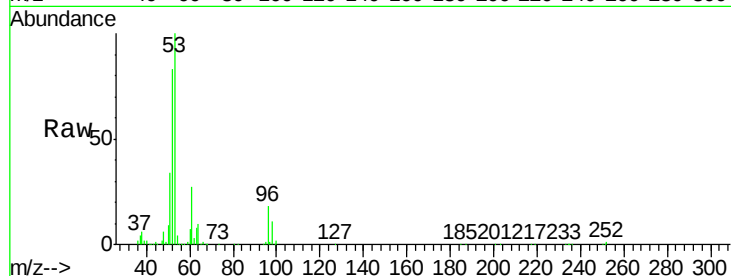
Tot Ion: 53 Resp: 168623

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

51 35.8 28.4 42.6



#16

Acetone

Concen: 91.723 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007841.D

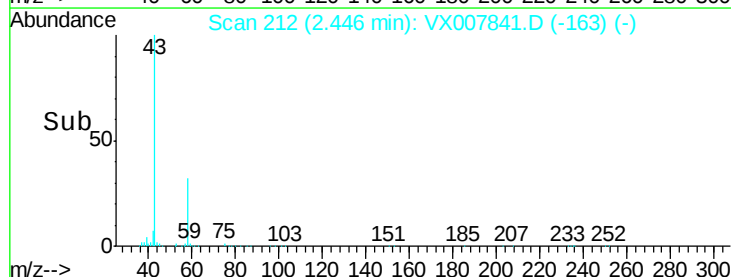
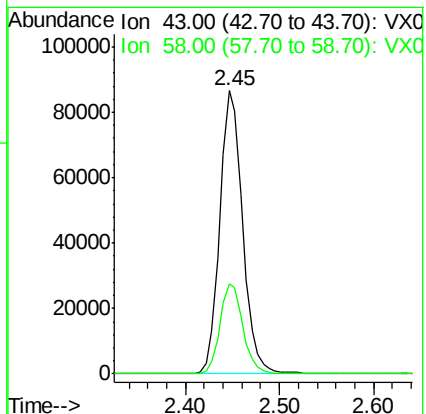
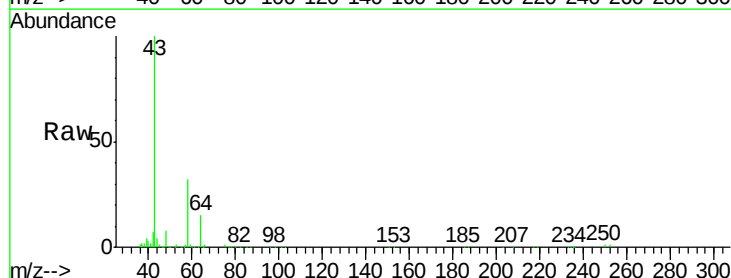
Acq: 05 Mar 2019 17:01

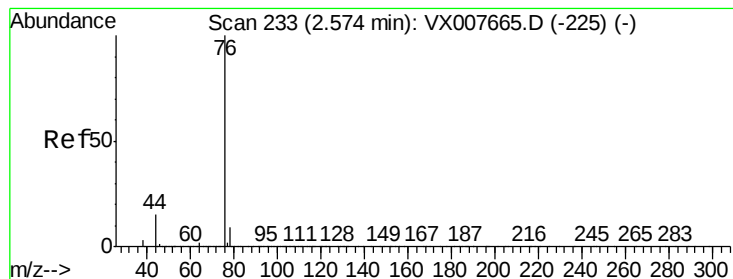
Tgt Ion: 43 Resp: 144230

Ion Ratio Lower Upper

43 100

58 31.8 24.9 37.3





#17

Carbon Disulfide

Concen: 20.446 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

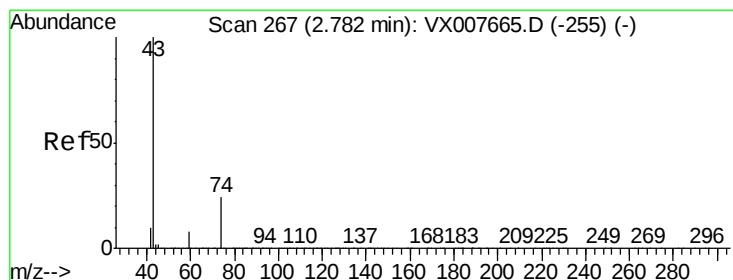
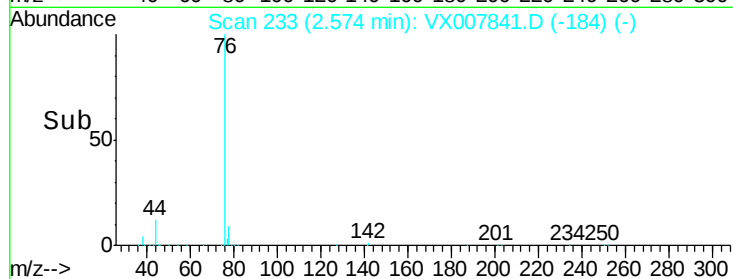
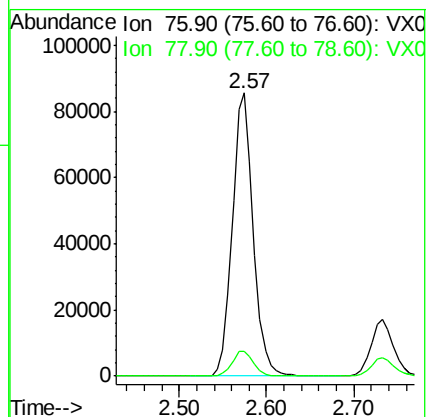
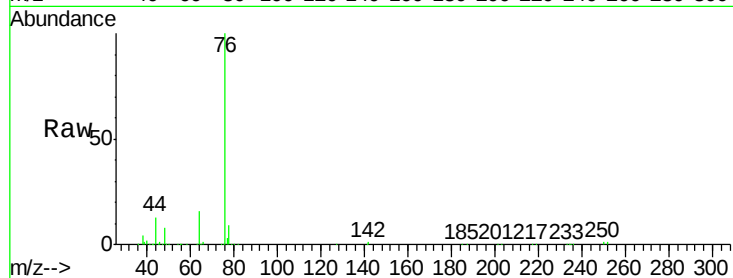
VX0305WBSD01

Tot Ion: 76 Resp: 142034

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 24.411 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007841.D

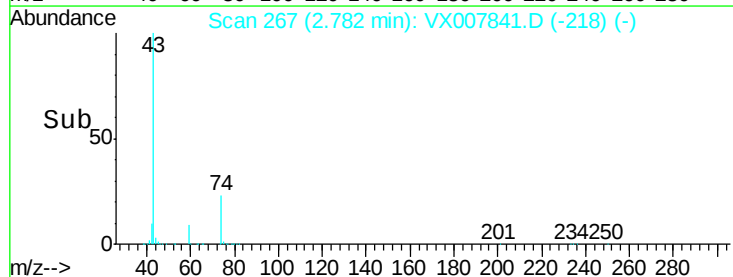
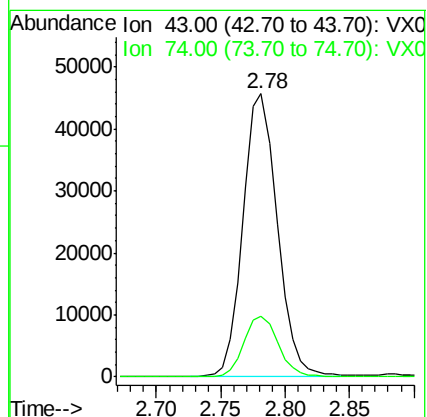
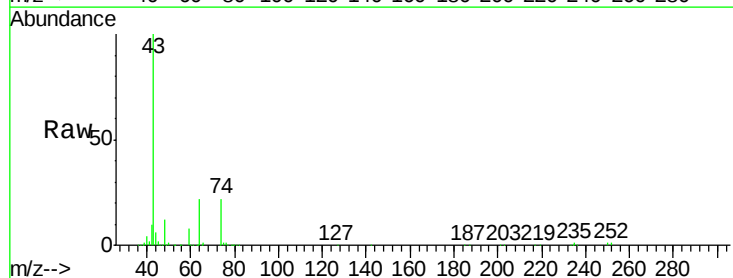
Acq: 05 Mar 2019 17:01

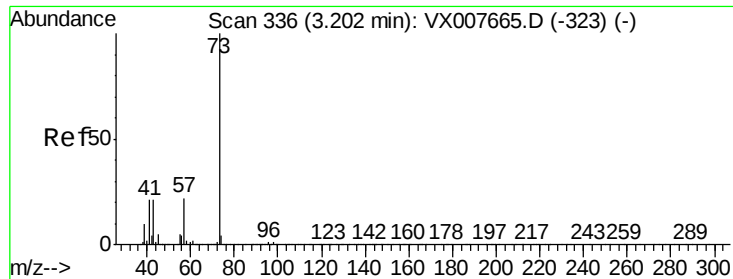
Tgt Ion: 43 Resp: 83761

Ion Ratio Lower Upper

43 100

74 21.8 19.4 29.2



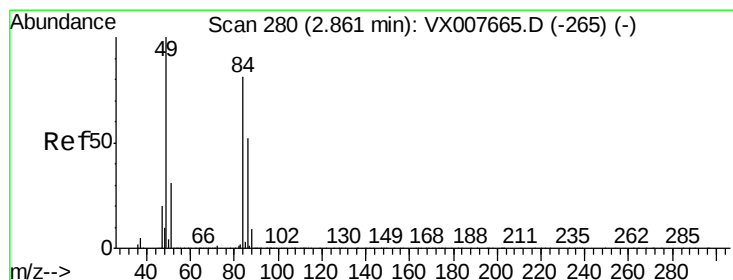
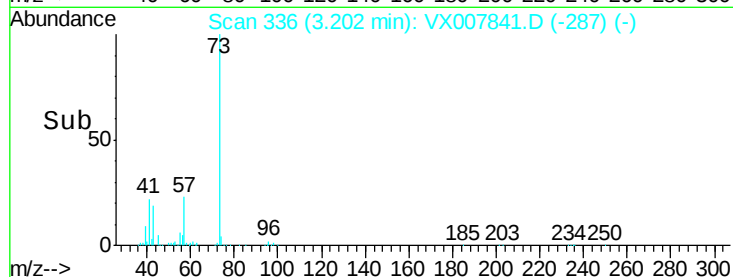
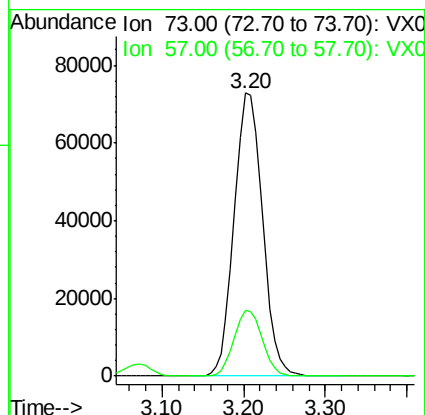
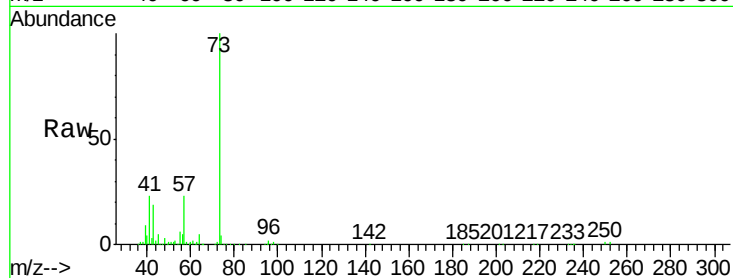


#19

Methyl tert-butyl Ether
 Concen: 20.155 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

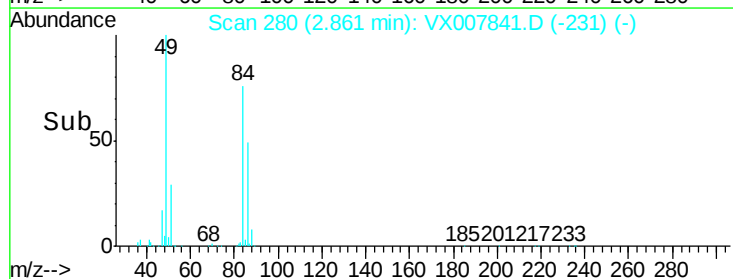
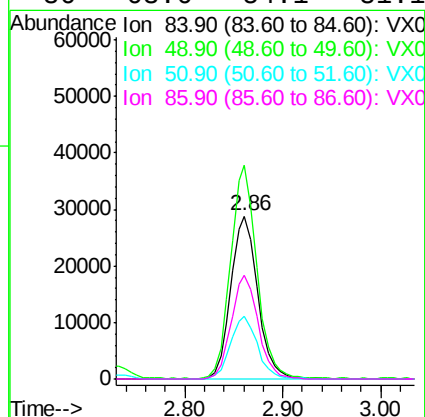
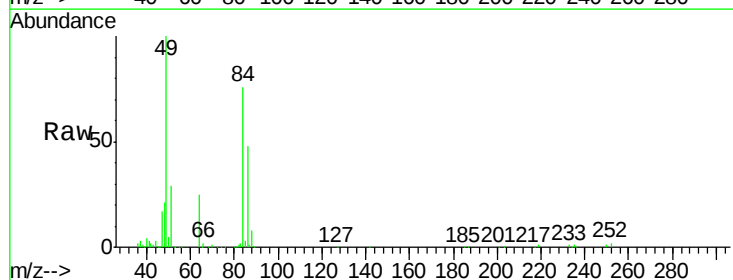
Tot Ion: 73 Resp: 175259
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.8 26.8

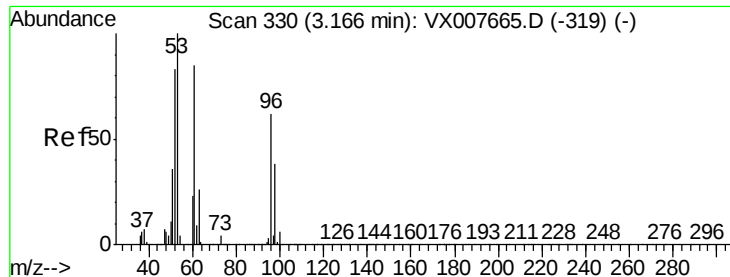


#20

Methylene Chloride
 Concen: 18.852 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion: 84 Resp: 54738
 Ion Ratio Lower Upper
 84 100
 49 131.0 94.8 142.2
 51 38.2 29.8 44.8
 86 63.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.812 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

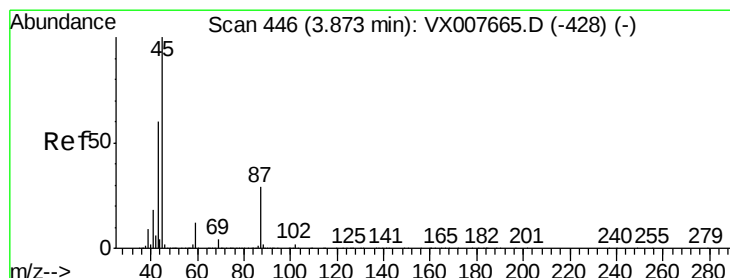
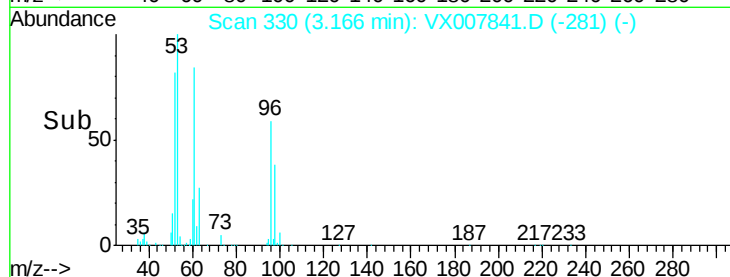
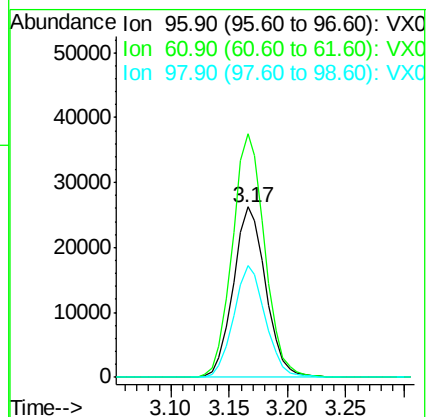
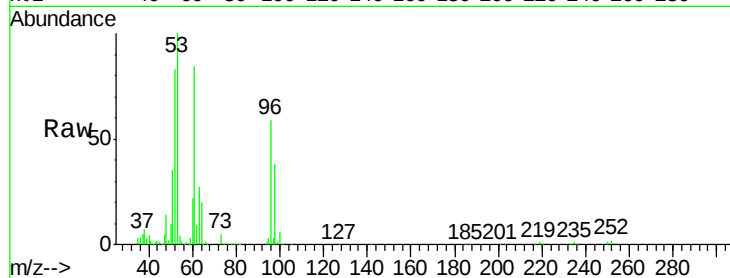
Tot Ion: 96 Resp: 51068

Ion Ratio Lower Upper

96 100

61 142.8 104.6 156.8

98 65.7 51.0 76.4



#22

Diisopropyl ether

Concen: 20.266 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion: 45 Resp: 194781

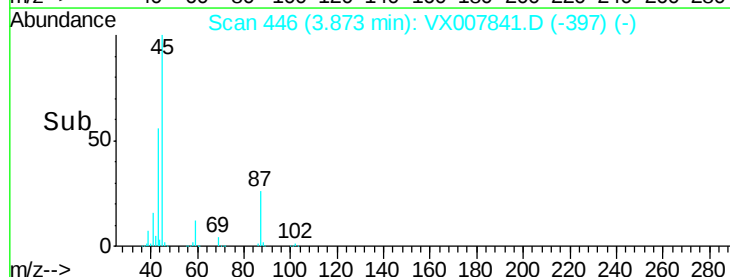
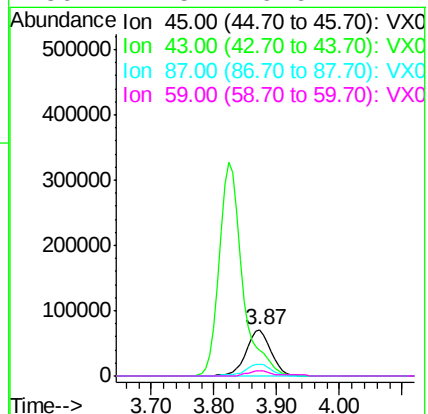
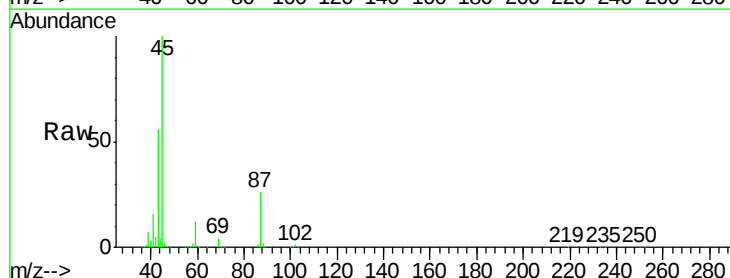
Ion Ratio Lower Upper

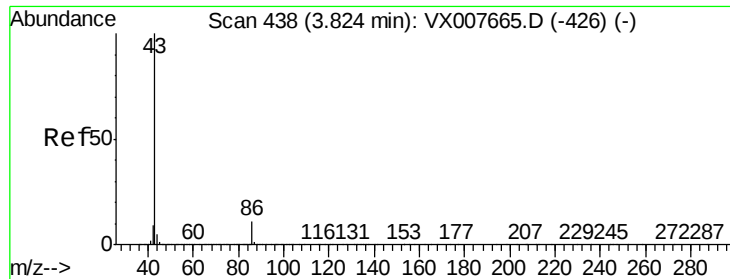
45 100

43 55.9 48.9 73.3

87 26.1 23.9 35.9

59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 99.605 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

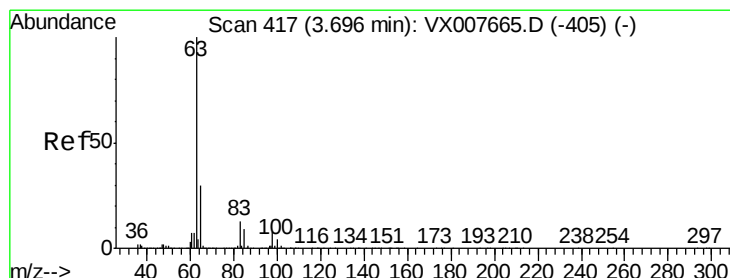
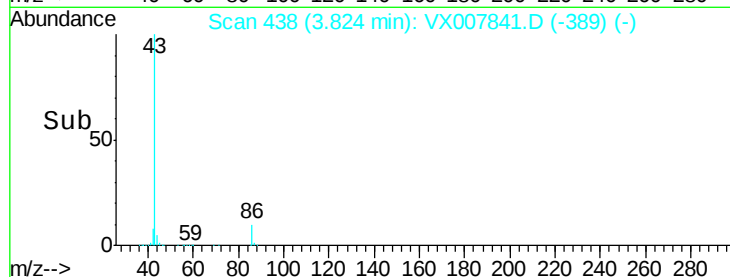
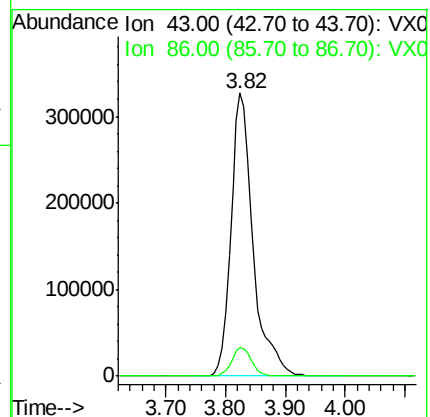
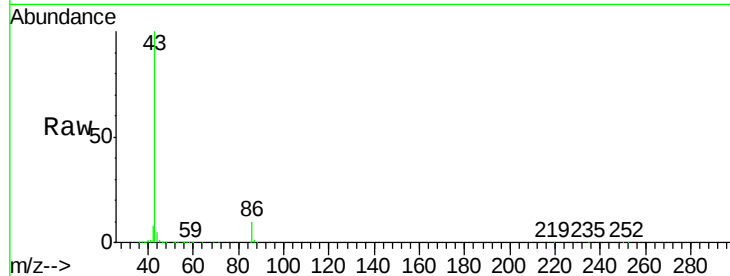
VX0305WBSD01

Tot Ion: 43 Resp: 839921

Ion Ratio Lower Upper

43 100

86 10.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.068 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

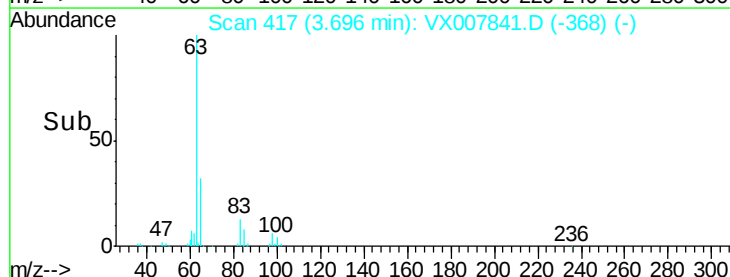
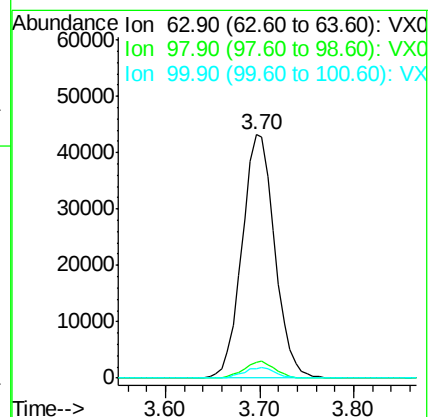
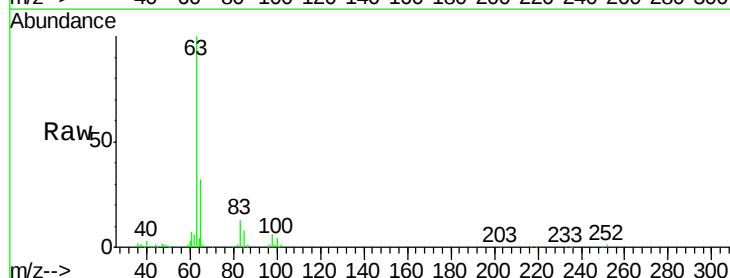
Tgt Ion: 63 Resp: 104827

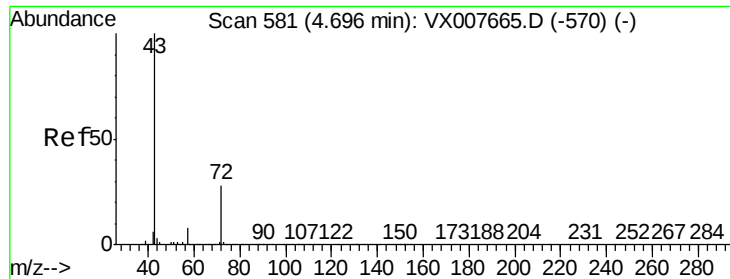
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 100.793 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

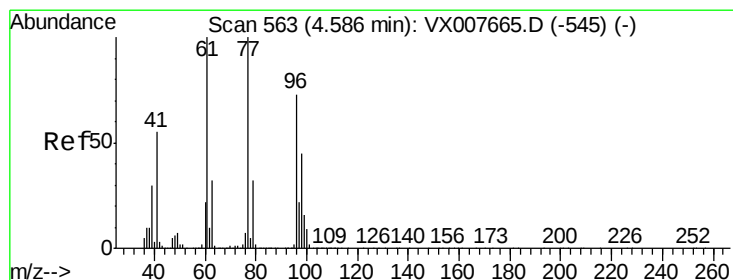
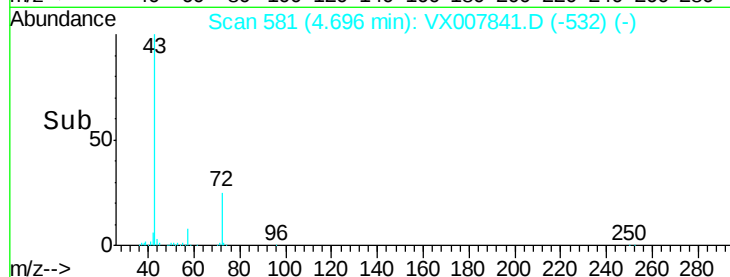
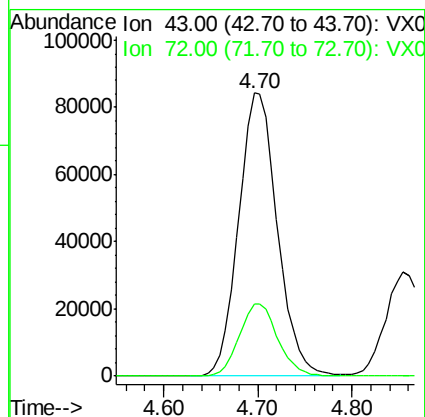
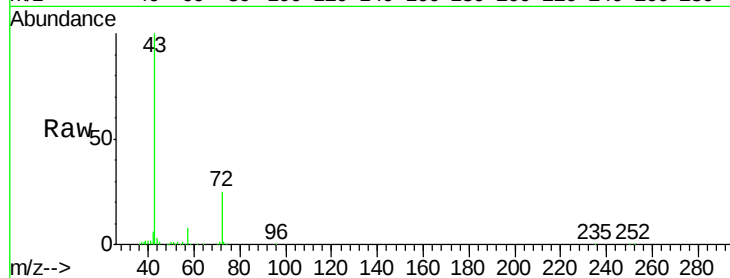
VX0305WBSD01

Tot Ion: 43 Resp: 241426

Ion Ratio Lower Upper

43 100

72 25.3 22.2 33.2



#26

2,2-Dichloropropane

Concen: 16.290 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007841.D

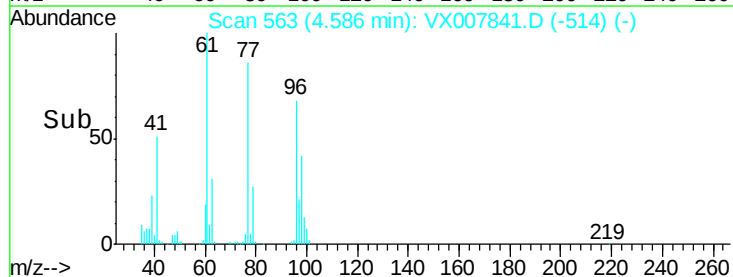
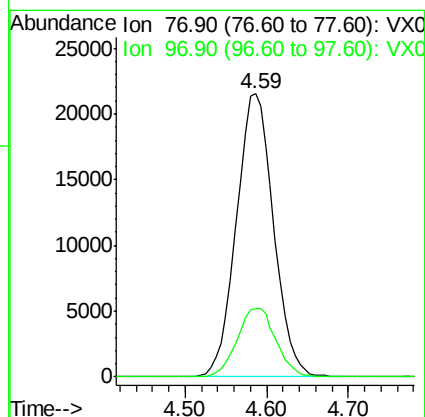
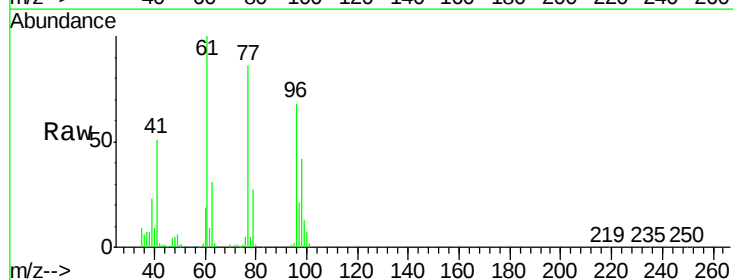
Acq: 05 Mar 2019 17:01

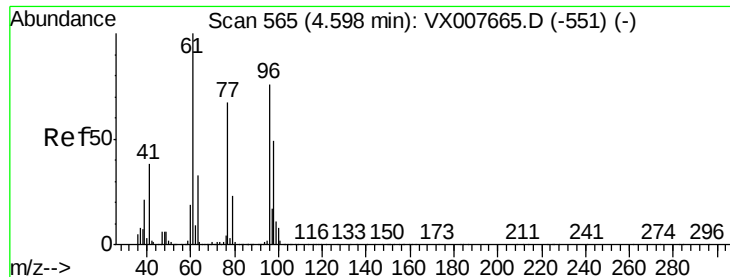
Tgt Ion: 77 Resp: 67925

Ion Ratio Lower Upper

77 100

97 25.1 12.1 36.3



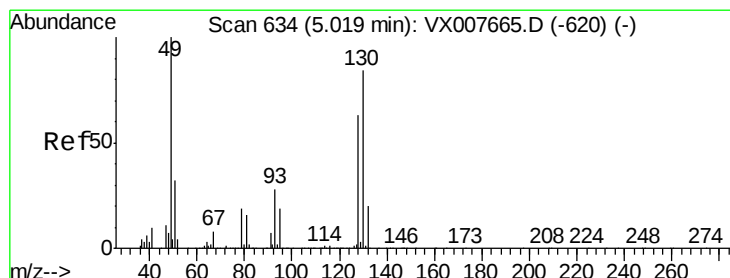
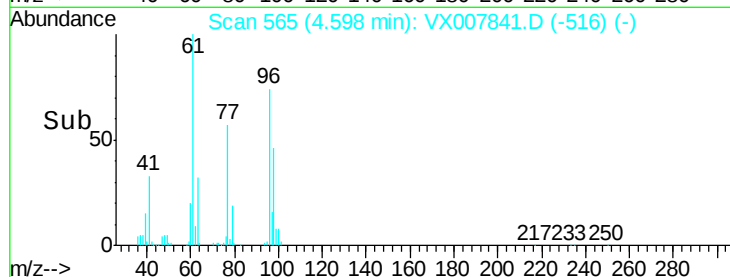
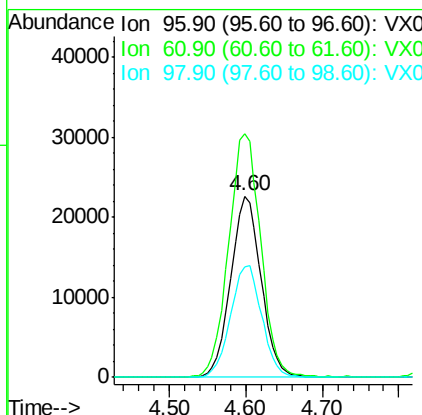
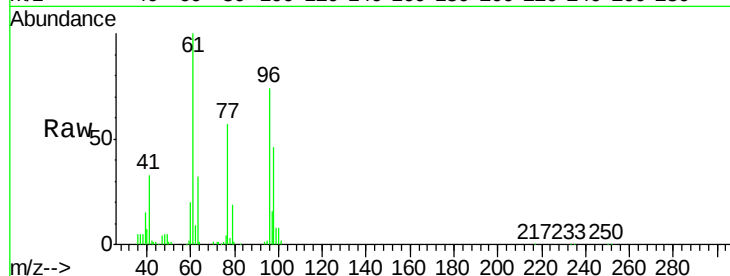


#27

cis-1,2-Dichloroethene
 Concen: 18.006 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

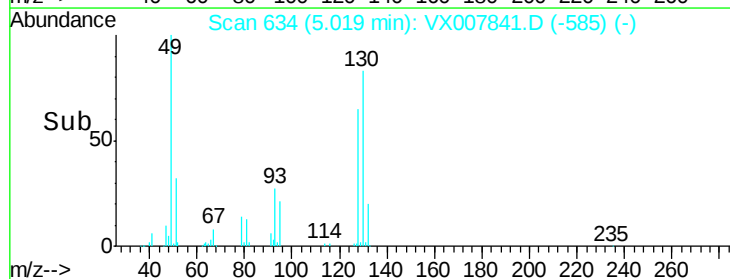
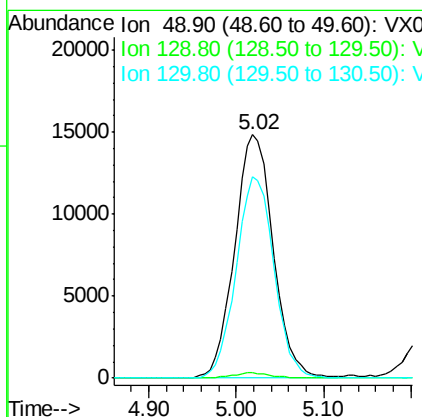
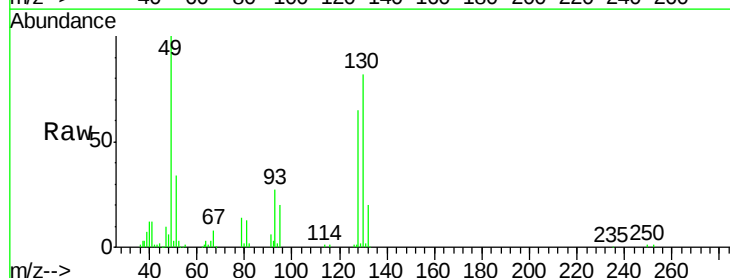
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	265.6
98	63.0	0.0	131.6

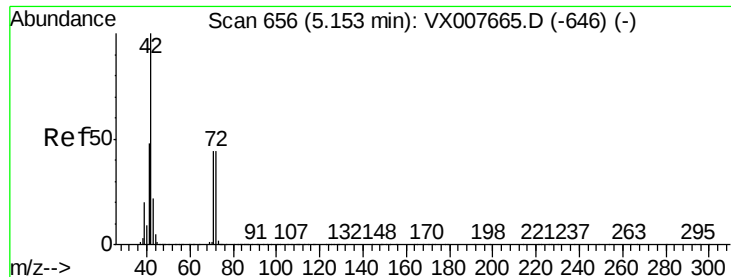


#28

Bromochloromethane
 Concen: 17.857 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	81.3	75.6	113.4





#29

Tetrahydrofuran

Concen: 102.697 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0305WBSD01

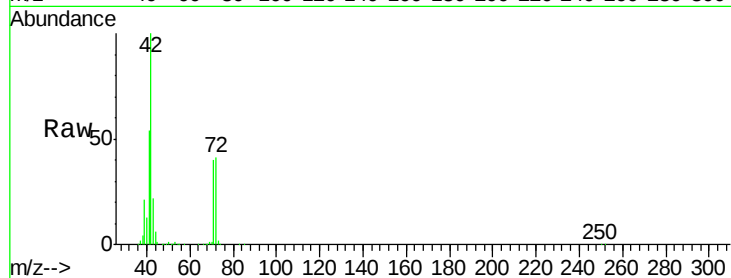
Tot Ion: 42 Resp: 162147

Ion Ratio Lower Upper

42 100

72 42.1 37.6 56.4

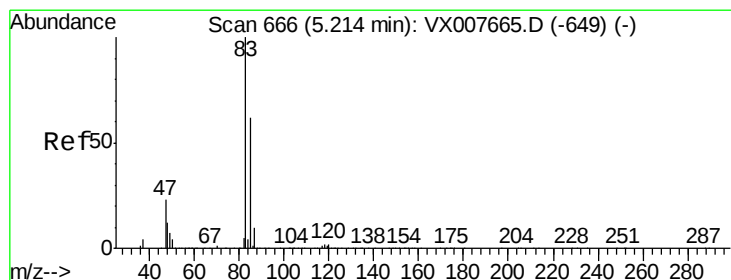
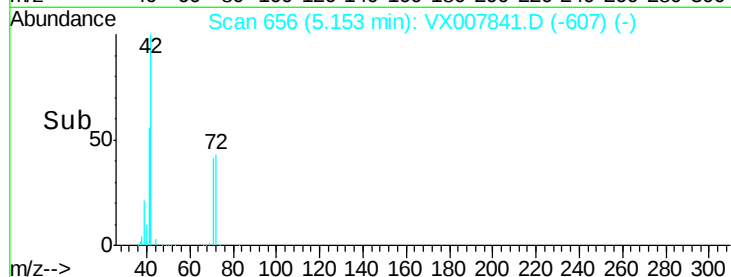
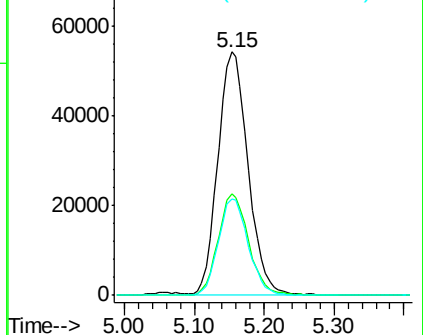
71 39.6 34.6 51.8



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: 18.063 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007841.D

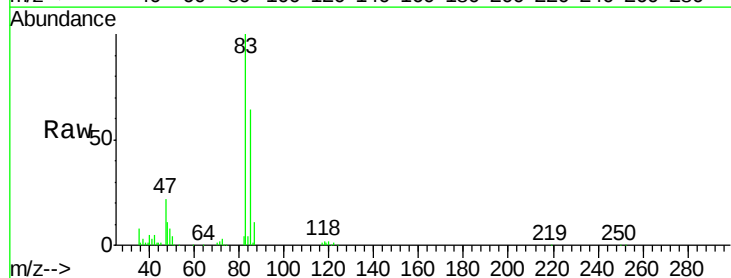
Acq: 05 Mar 2019 17:01

Tgt Ion: 83 Resp: 101065

Ion Ratio Lower Upper

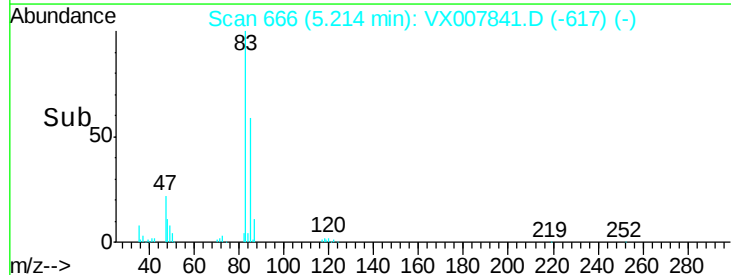
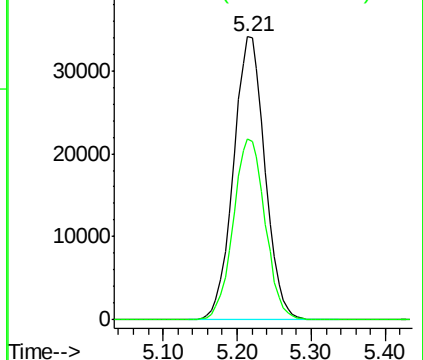
83 100

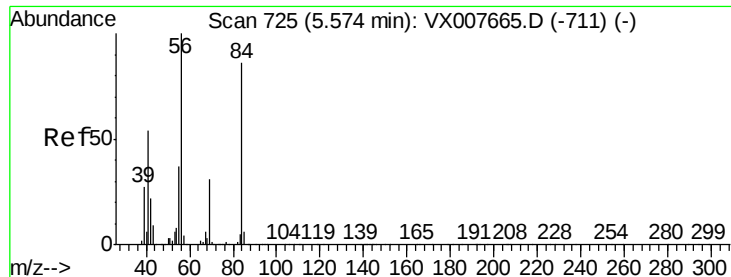
85 63.9 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

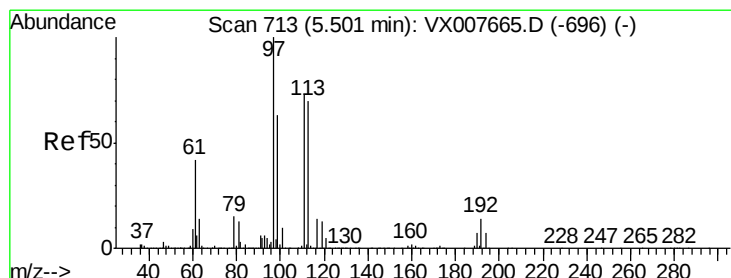
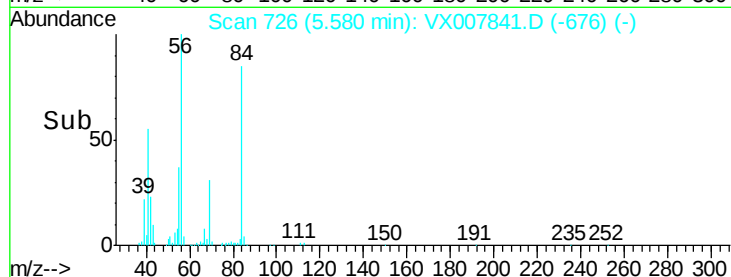
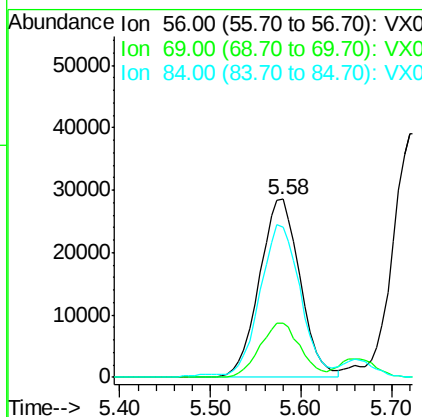
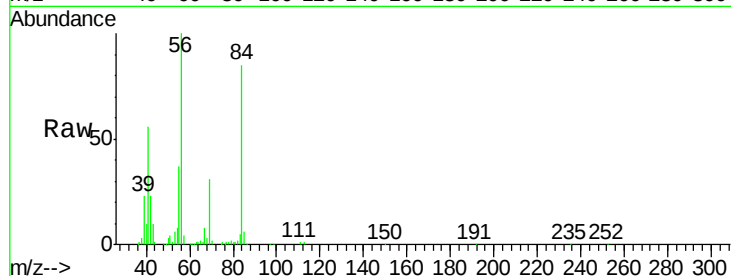




#31
Cyclohexane
Concen: 18.037 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

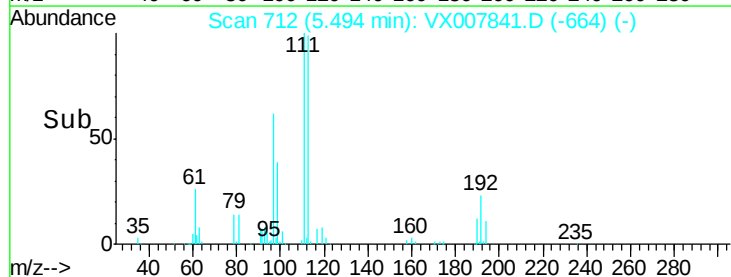
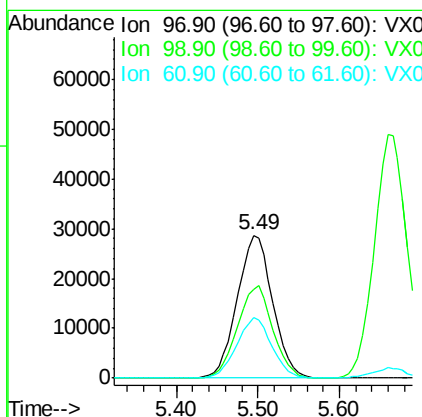
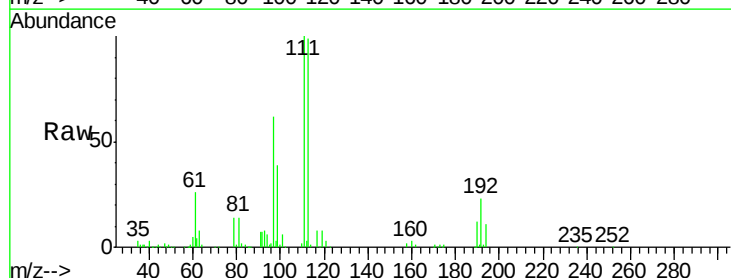
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

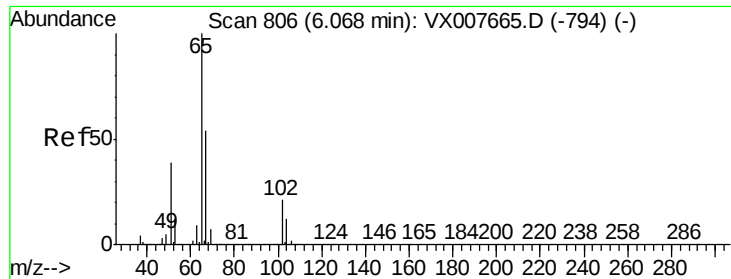
Tot Ion: 56 Resp: 88625
Ion Ratio Lower Upper
56 100
69 30.8 23.0 34.6
84 83.7 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 18.662 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 97 Resp: 86358
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 42.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 44.454 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

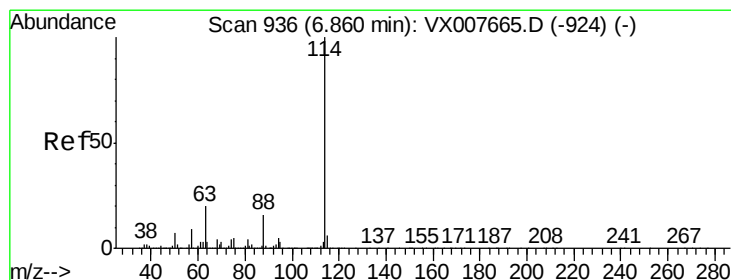
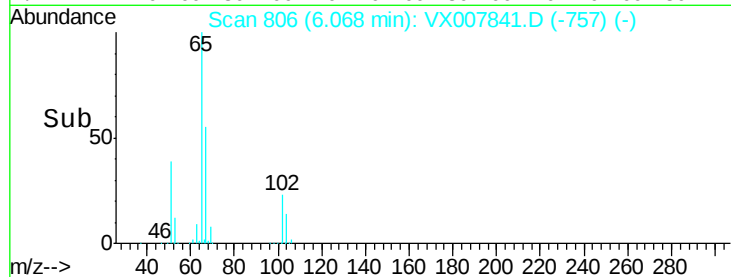
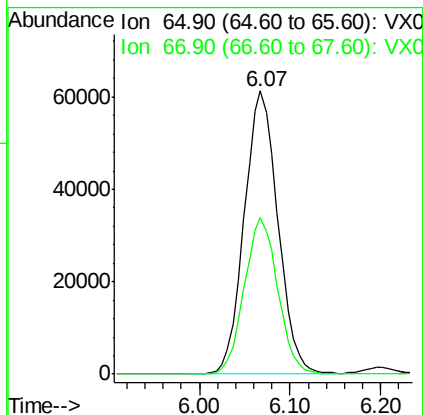
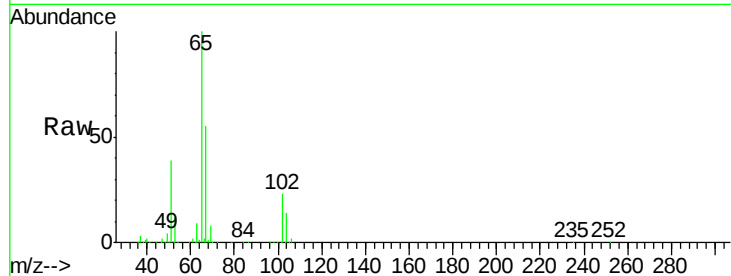
VX0305WBSD01

Tot Ion: 65 Resp: 157188

Ion Ratio Lower Upper

65 100

67 55.2 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: VX007841.D

Acq: 05 Mar 2019 17:01

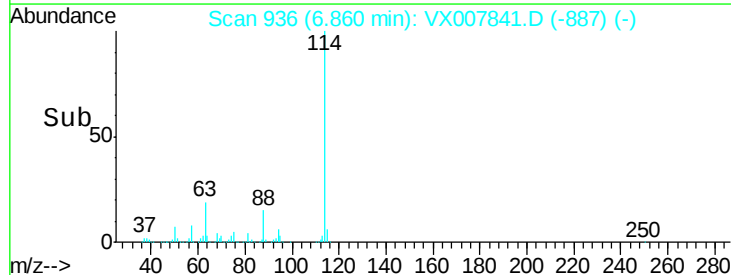
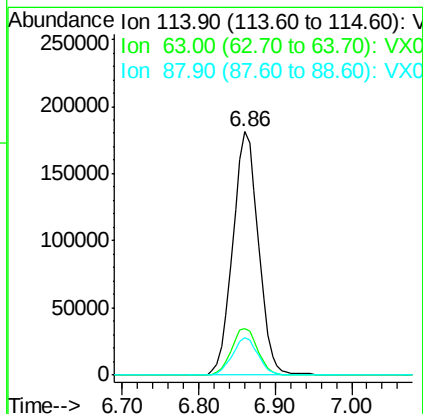
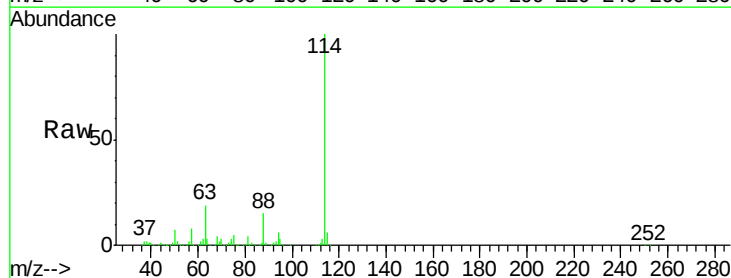
Tgt Ion: 114 Resp: 420635

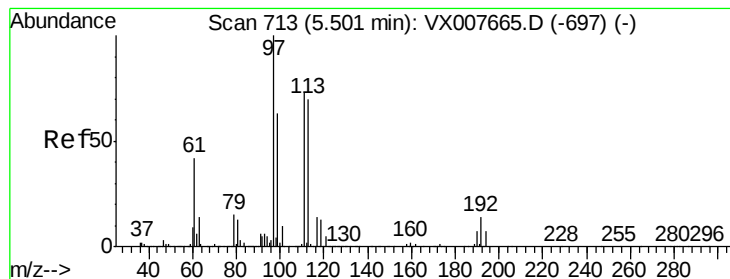
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.244 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

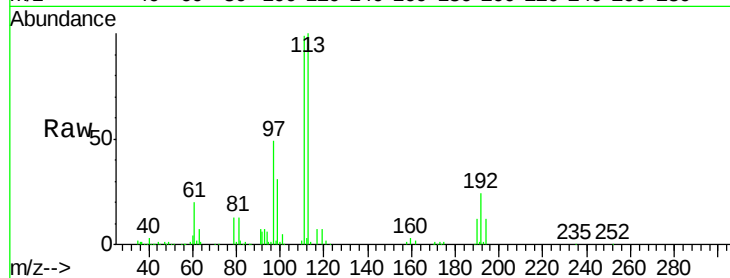
Tot Ion:113 Resp: 141277

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

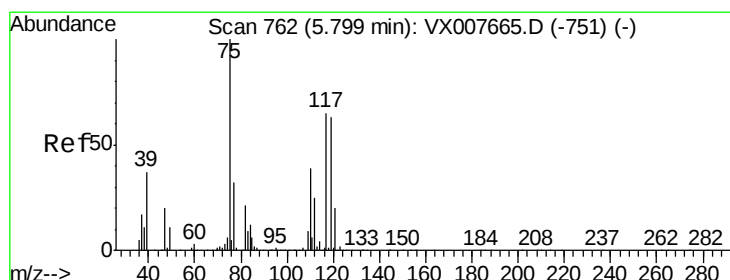
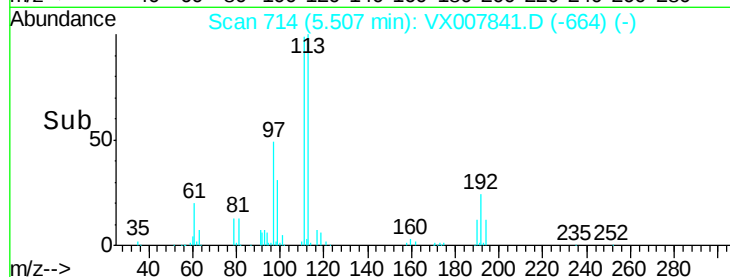
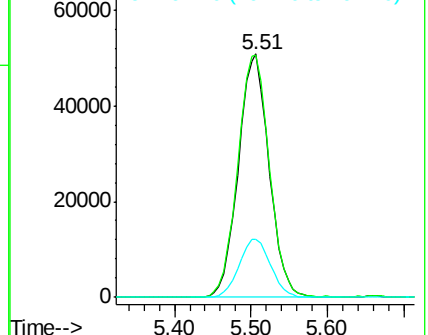
192 24.5 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.856 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

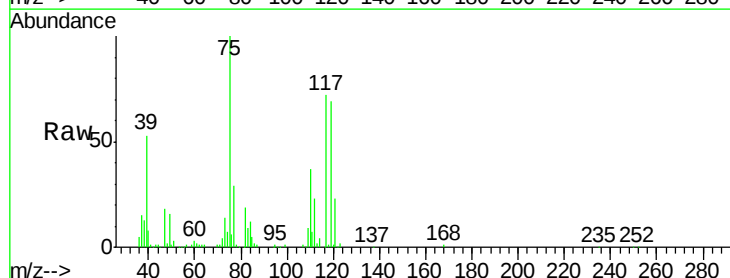
Tgt Ion: 75 Resp: 71308

Ion Ratio Lower Upper

75 100

110 38.0 20.0 59.9

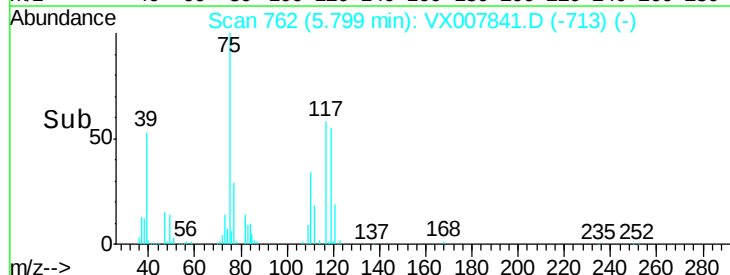
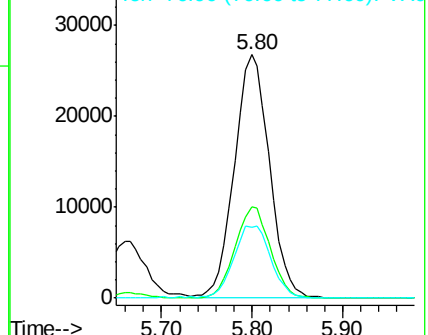
77 31.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

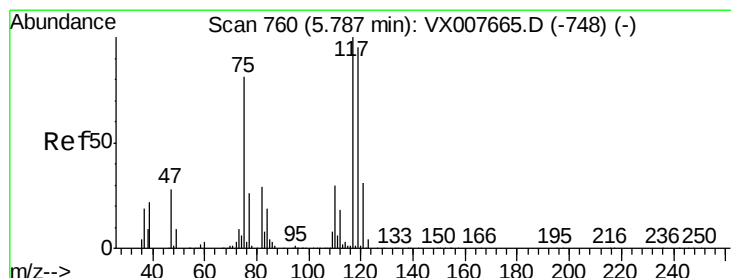
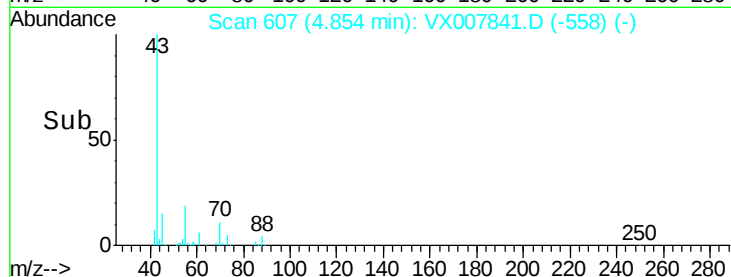
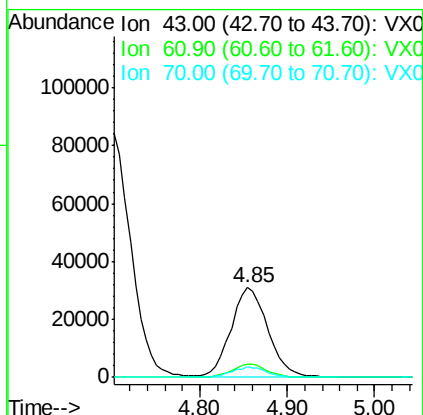
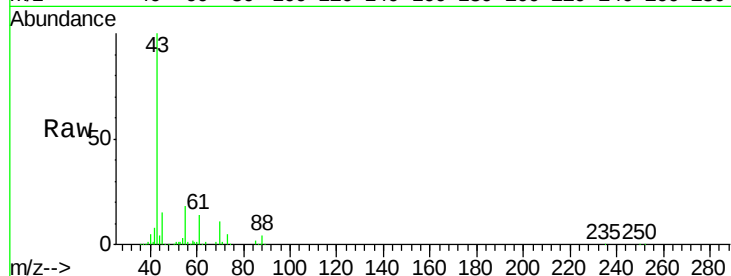




#37
Ethyl Acetate
Concen: 21.419 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

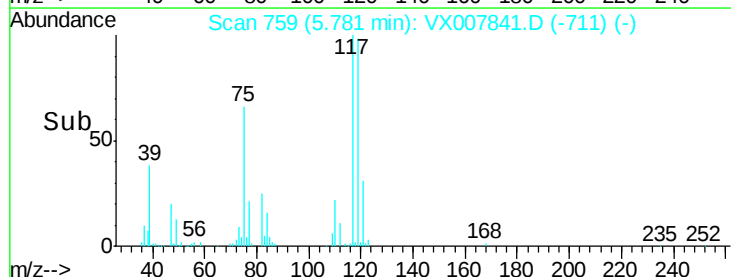
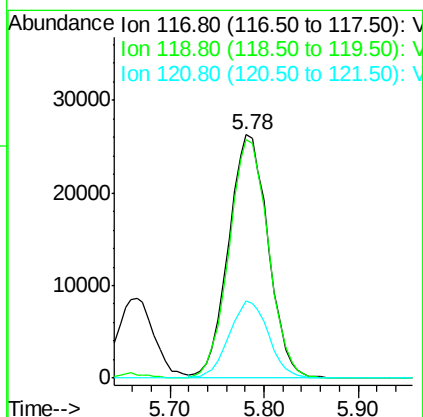
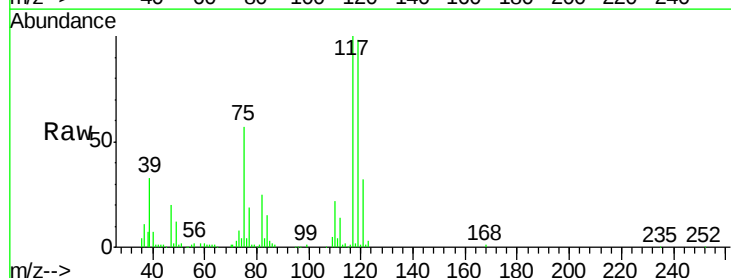
Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

Tot Ion: 43 Resp: 89976
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.267 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 117 Resp: 76990
Ion Ratio Lower Upper
117 100
119 98.0 75.3 112.9
121 31.6 25.0 37.4

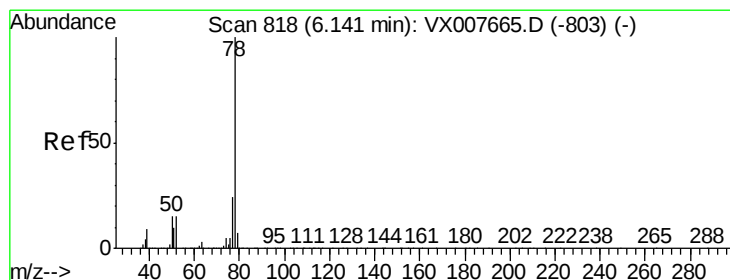
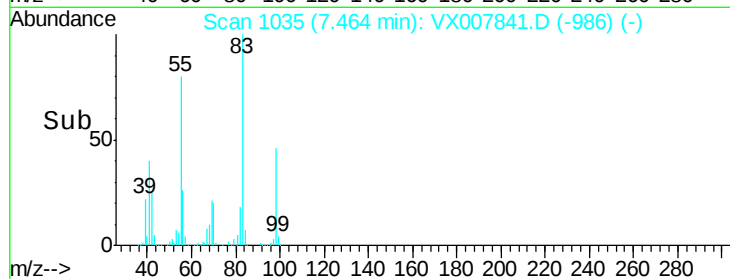
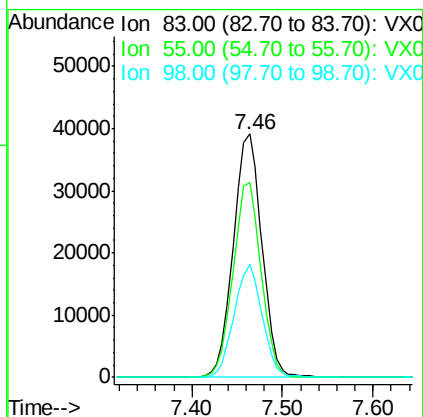
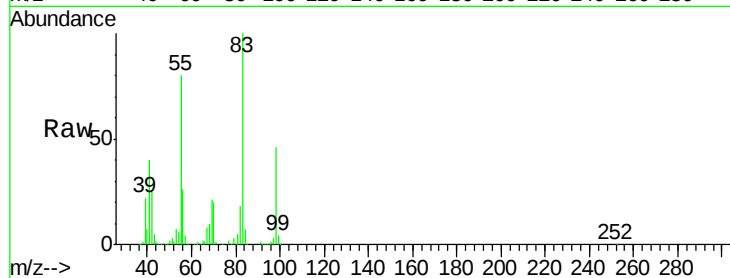




#39
Methvlcvclohexane
Concen: 17.920 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

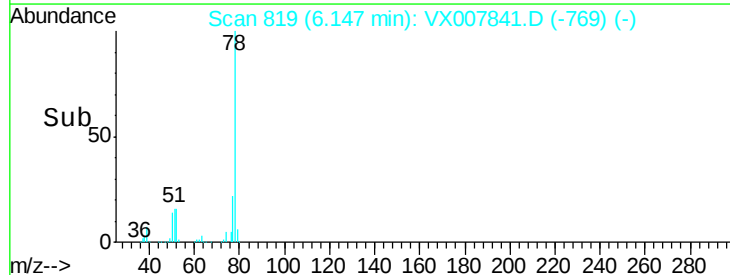
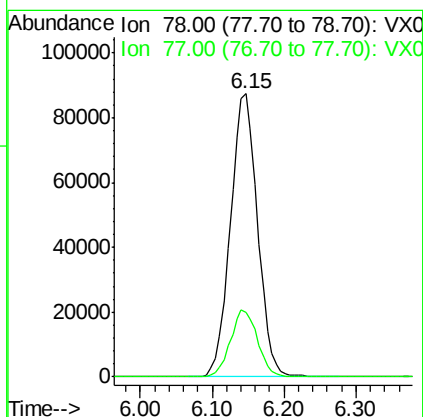
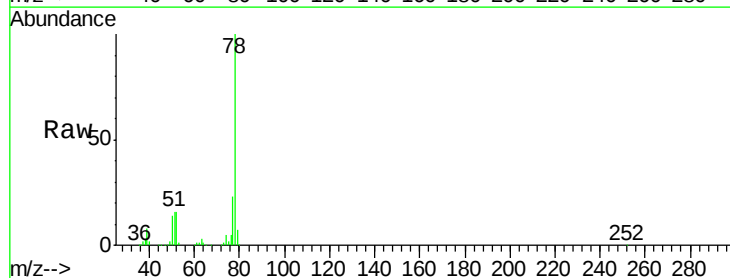
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

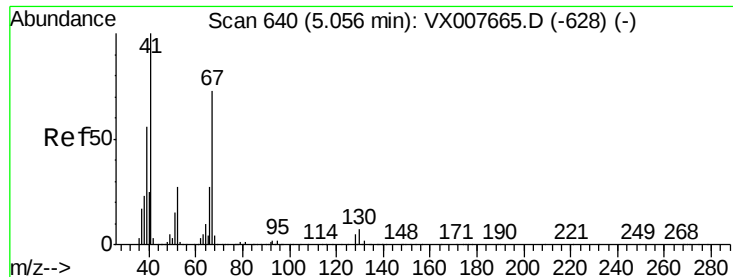
Tot Ion	83	Resp	85649
Ion	Ratio	Lower	Upper
83	100		
55	79.9	56.2	84.2
98	46.2	36.8	55.2



#40
Benzene
Concen: 19.600 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	78	Resp	228803
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9

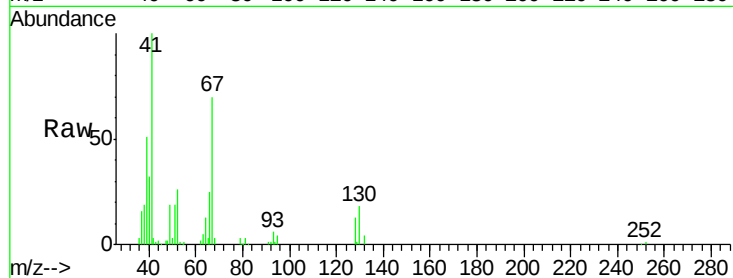




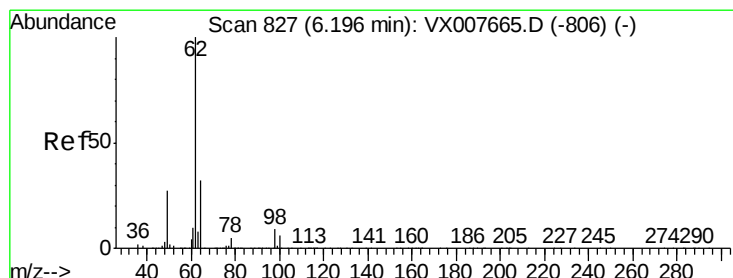
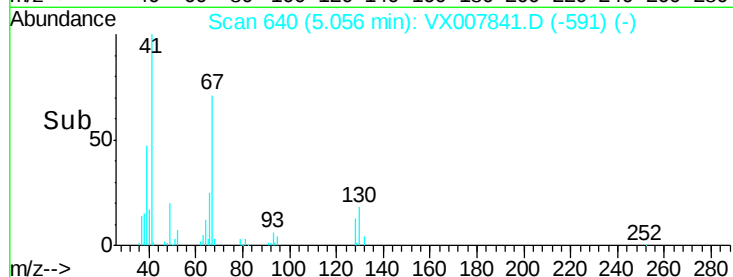
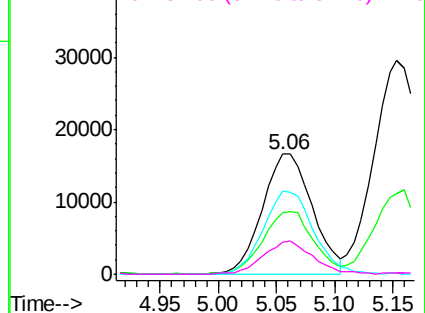
#41
Methacrylonitrile
Concen: 22.083 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:	41	Resp:	49536
Ion	Ratio	Lower	Upper
41	100		
39	51.8	44.5	66.7
67	69.8	60.4	90.6
52	27.4	24.1	36.1

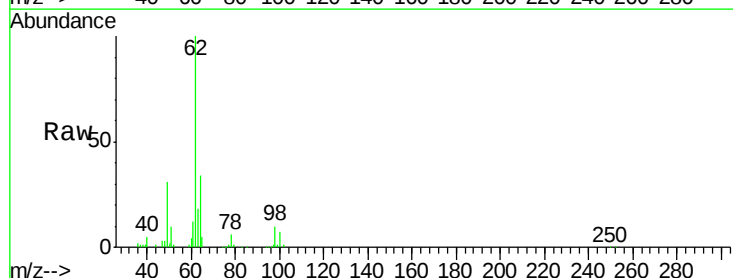


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

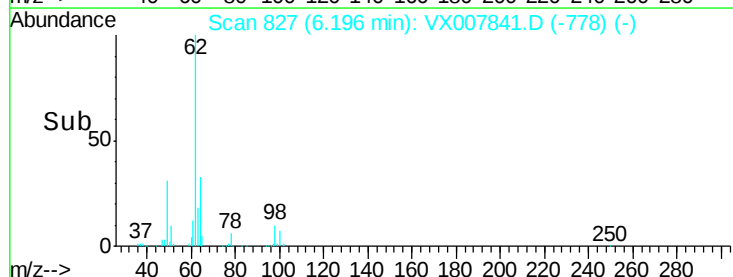
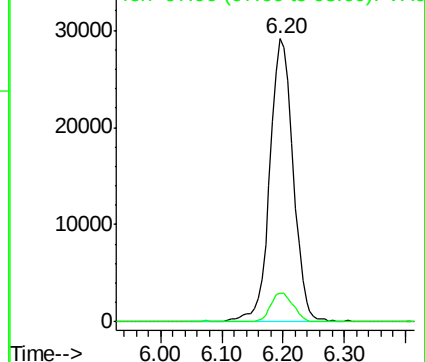


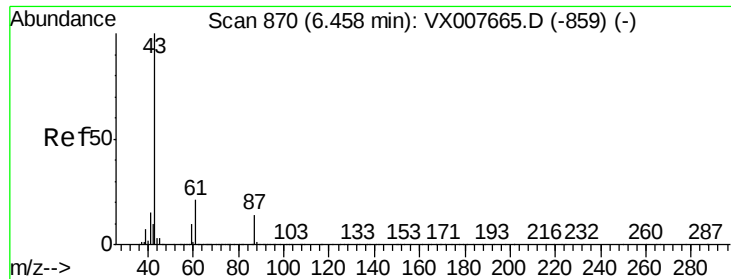
#42
1,2-Dichloroethane
Concen: 19.581 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion:	62	Resp:	76830
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 21.888 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

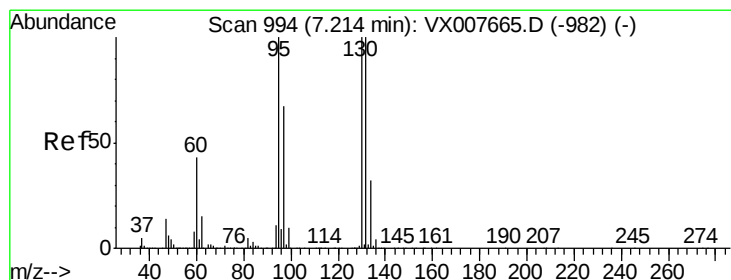
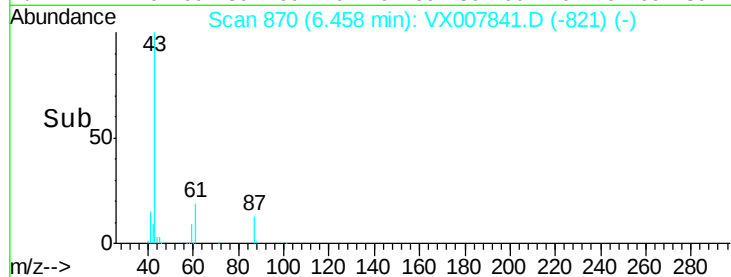
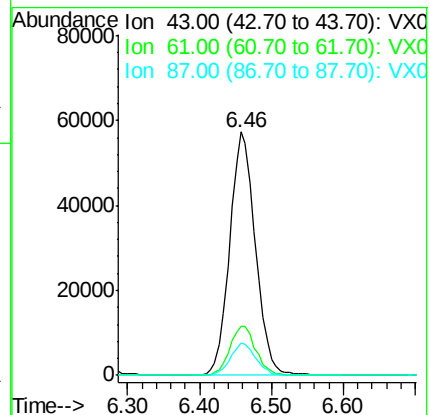
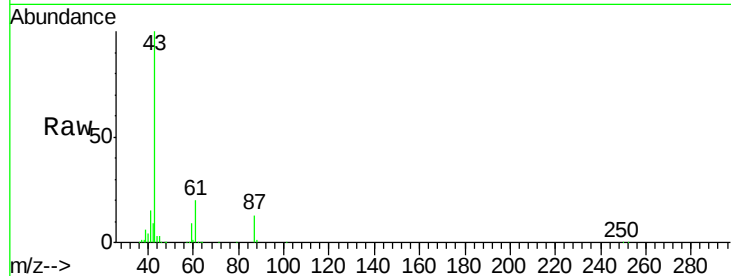
Tot Ion: 43 Resp: 141510

Ion Ratio Lower Upper

43 100

61 20.5 16.1 24.1

87 13.1 11.5 17.3



#44

Trichloroethene

Concen: 18.973 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007841.D

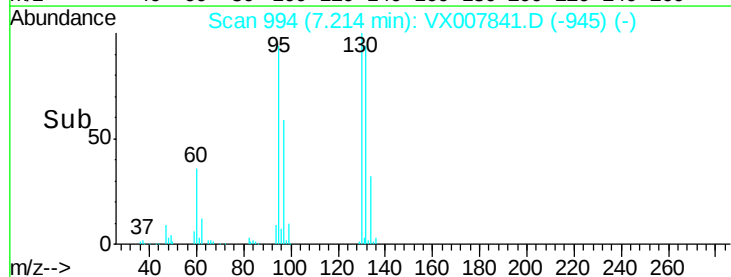
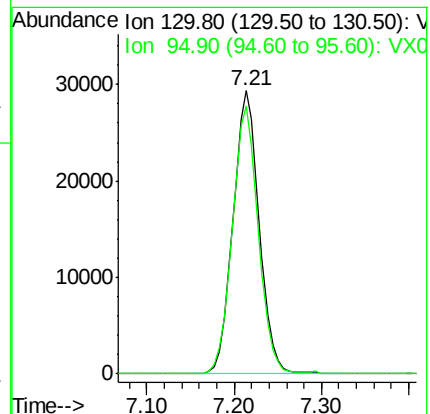
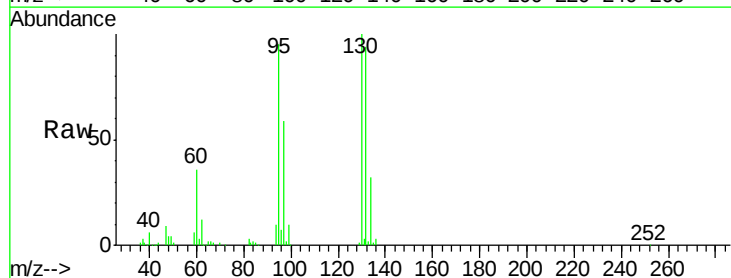
Acq: 05 Mar 2019 17:01

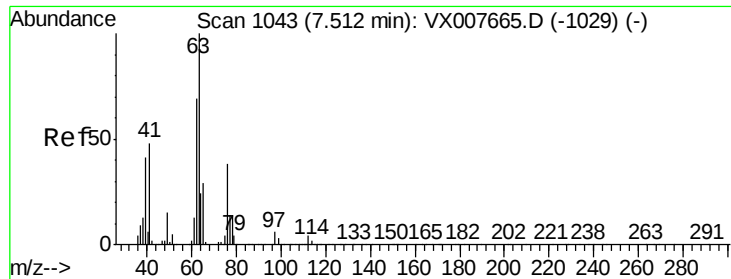
Tgt Ion:130 Resp: 60929

Ion Ratio Lower Upper

130 100

95 94.8 0.0 180.0

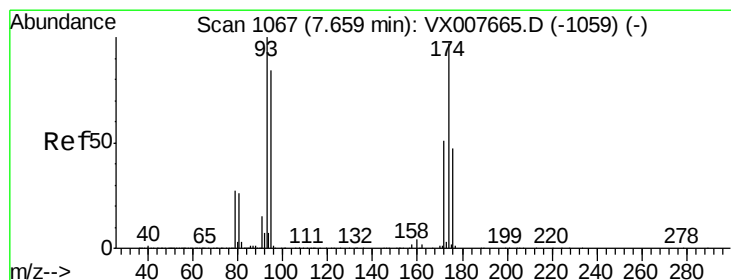
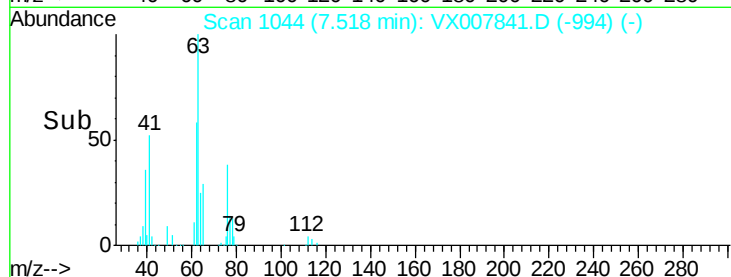
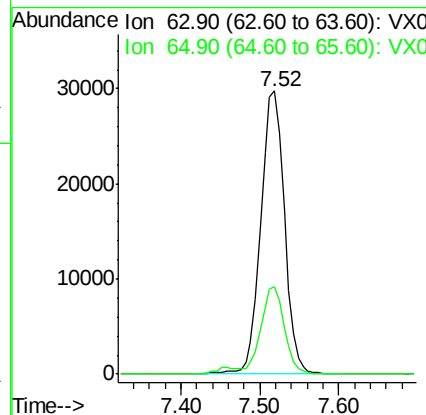
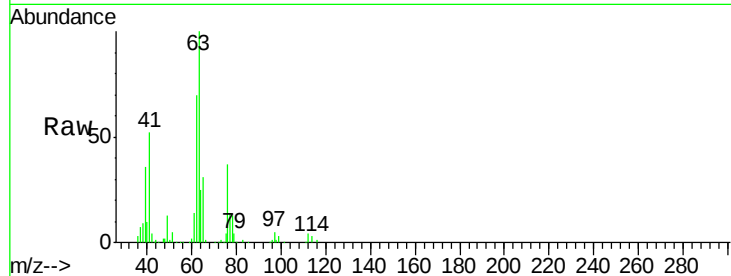




#45
 1,2-Dichloropropane
 Concen: 20.694 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

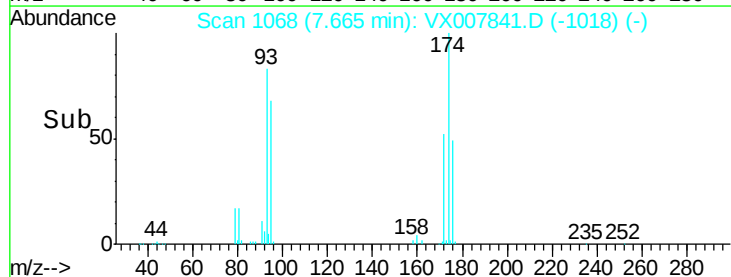
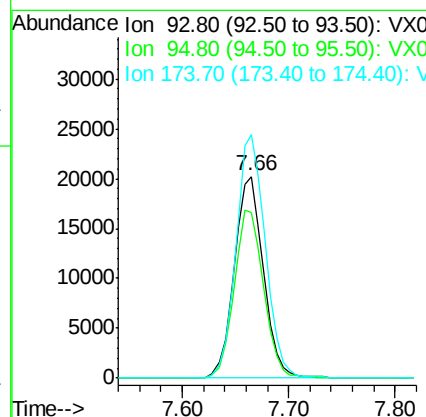
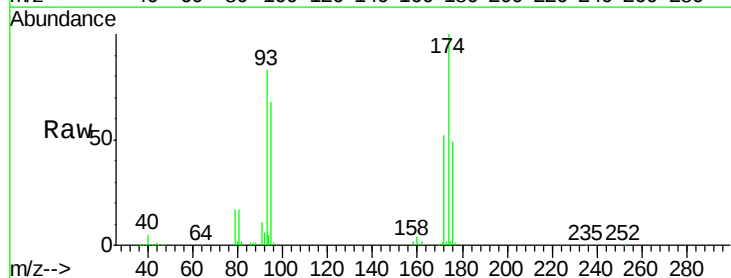
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

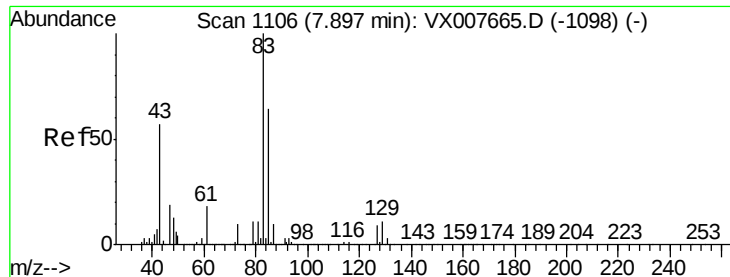
Tot Ion: 63 Resp: 62577
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.2



#46
 Dibromomethane
 Concen: 18.403 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion: 93 Resp: 38823
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.6 101.4
 174 121.5 94.2 141.4





#47

Bromodichloromethane

Concen: 21.761 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

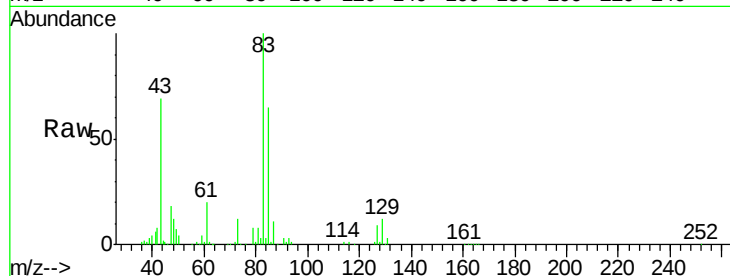
Tot Ion: 83 Resp: 79557

Ion Ratio Lower Upper

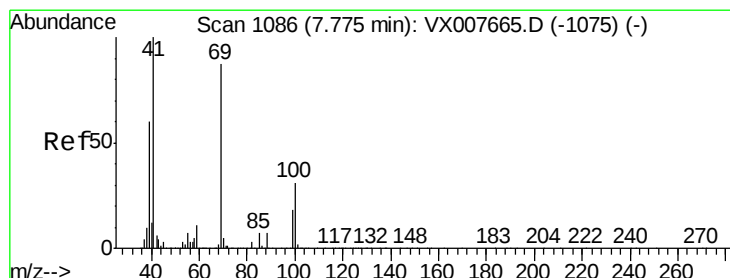
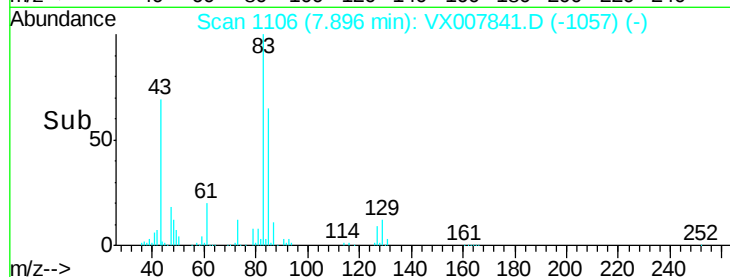
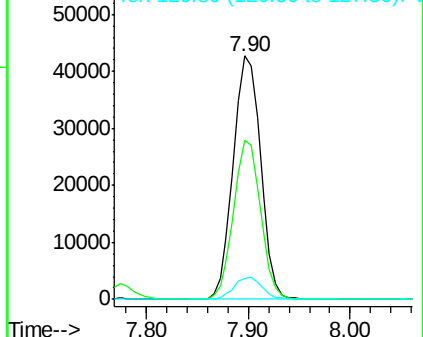
83 100

85 65.2 51.4 77.0

127 8.7 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.062 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

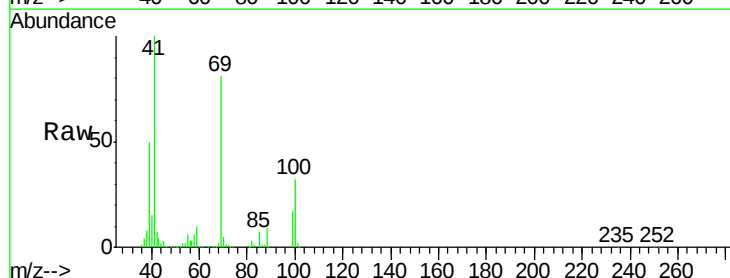
Tgt Ion: 41 Resp: 67990

Ion Ratio Lower Upper

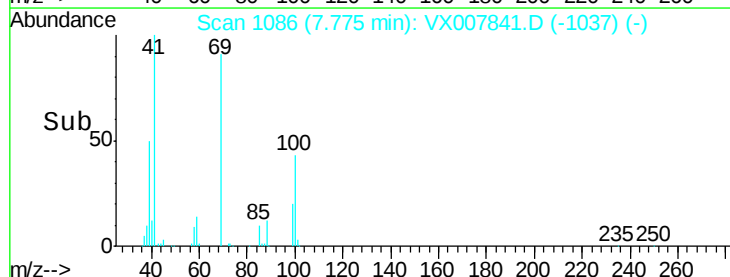
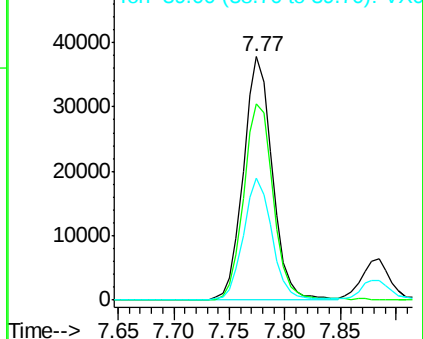
41 100

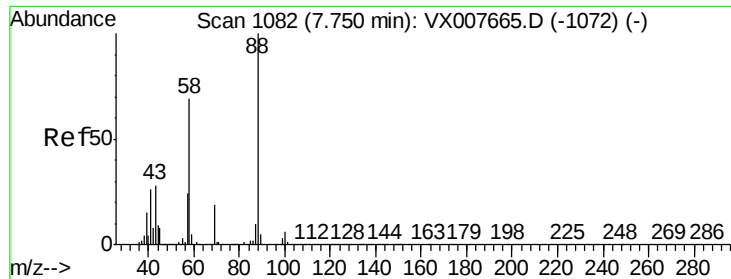
69 82.8 70.2 105.4

39 50.0 47.4 71.0



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

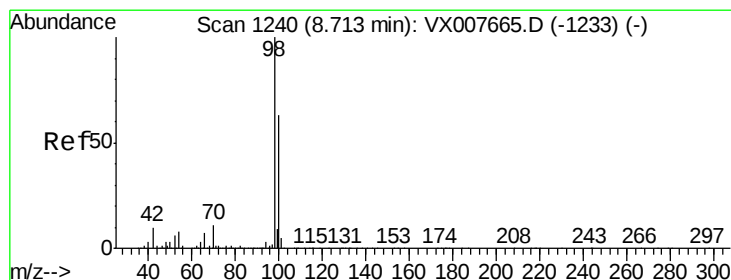
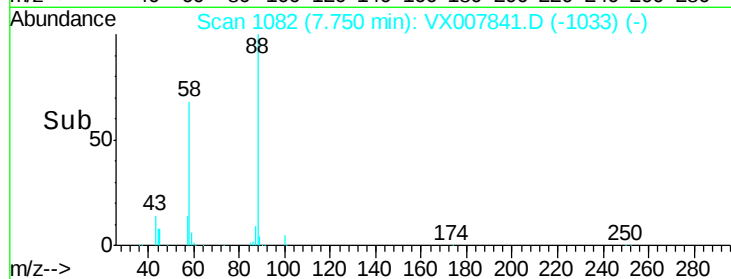
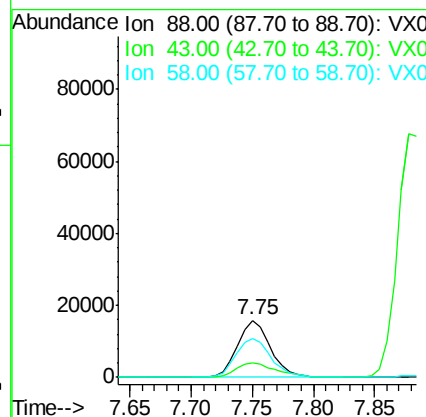
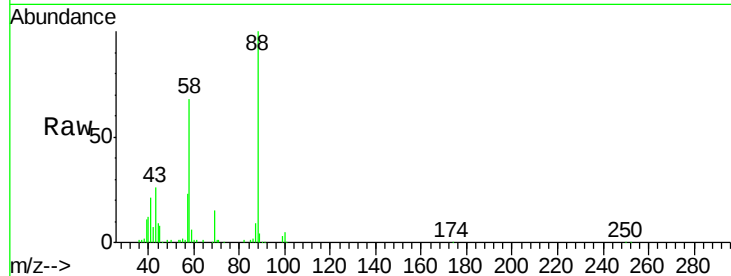




#49
 1,4-Dioxane
 Concen: 402.998 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

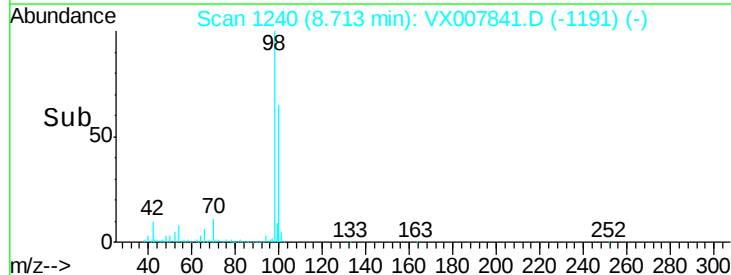
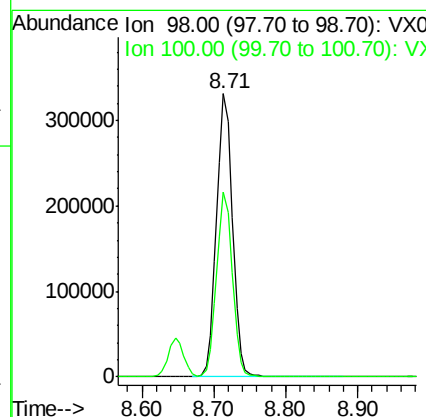
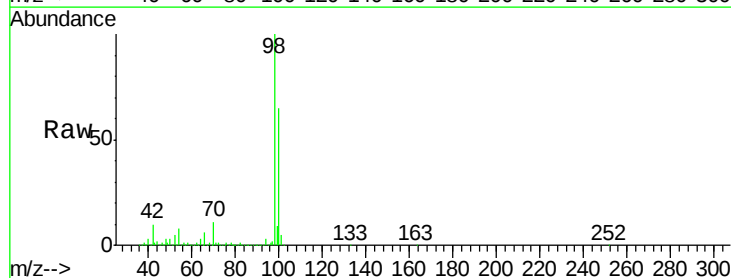
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

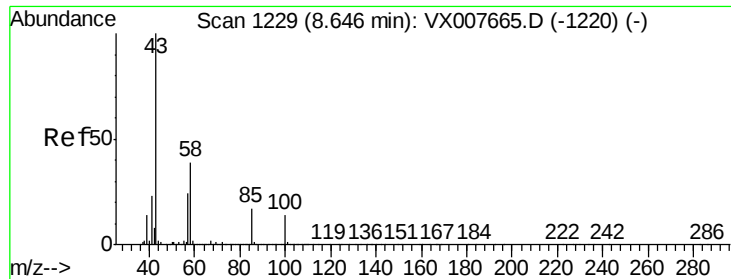
Tot Ion	88	Resp	29498
Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.2	36.4
58	73.5	53.0	79.4



#50
 Toluene-d8
 Concen: 47.406 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	98	Resp	510309
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4

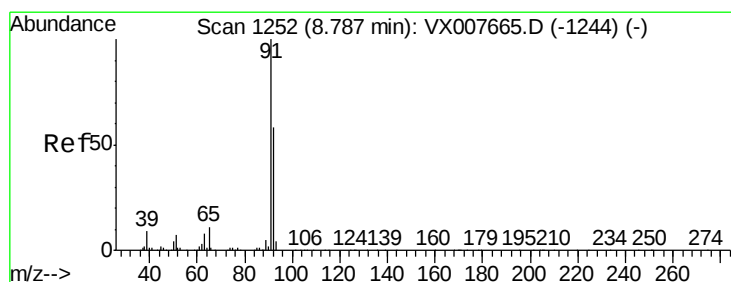
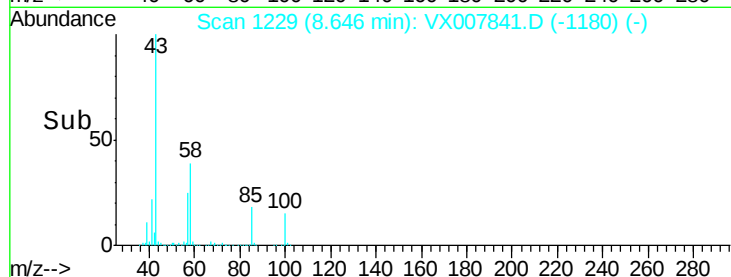
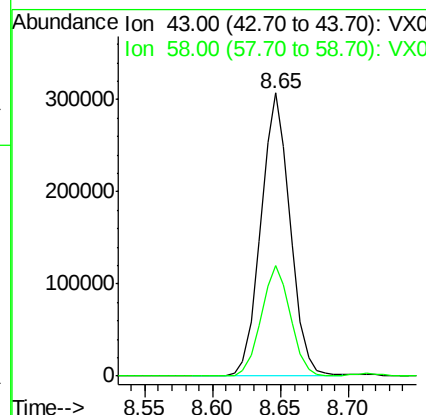
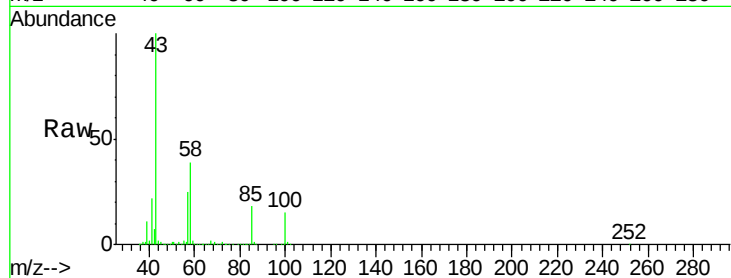




#51
 4-Methyl-2-Pentanone
 Concen: 106.890 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

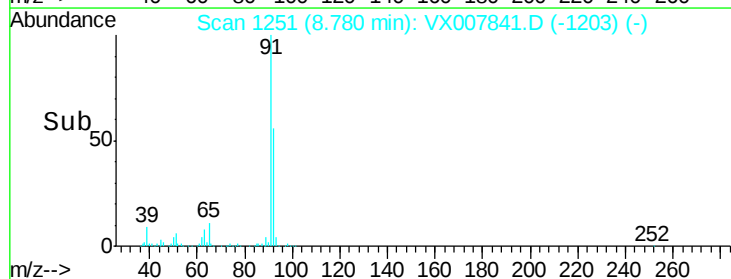
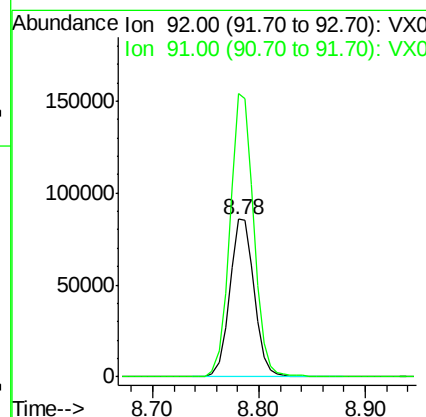
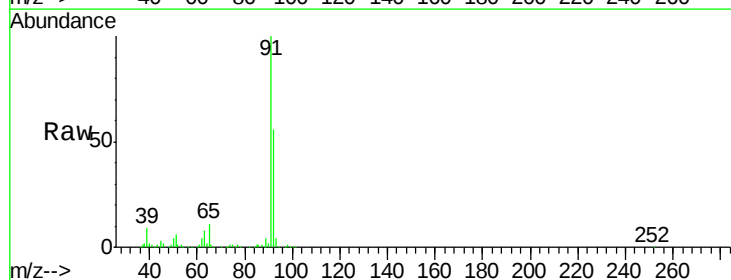
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

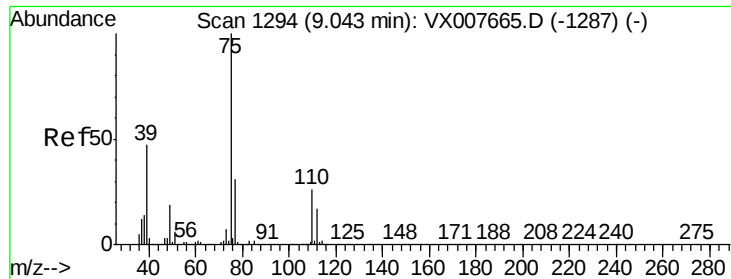
Tot Ion: 43 Resp: 462589
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8



#52
 Toluene
 Concen: 18.764 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion: 92 Resp: 138124
 Ion Ratio Lower Upper
 92 100
 91 175.1 139.1 208.7

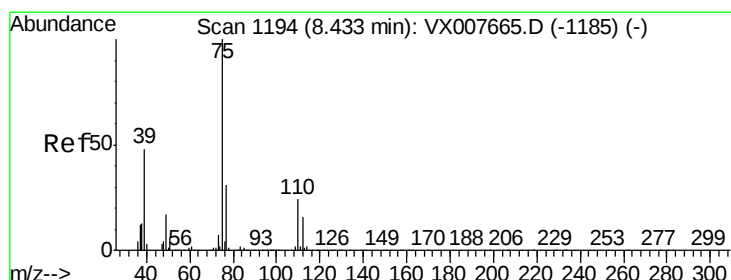
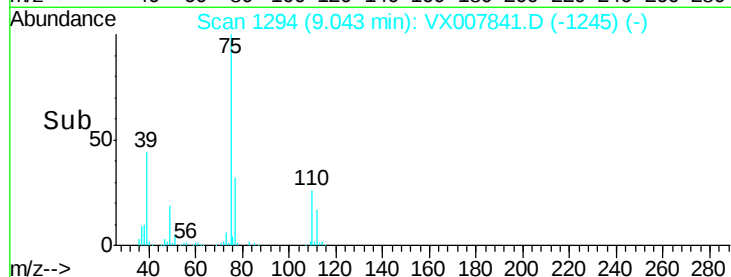
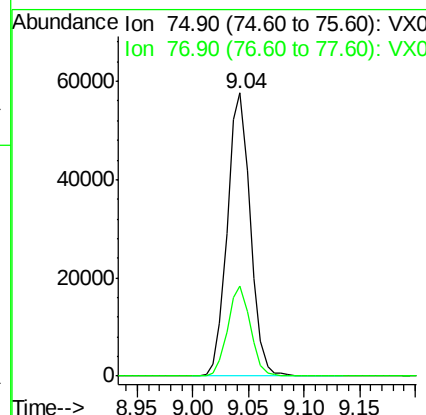
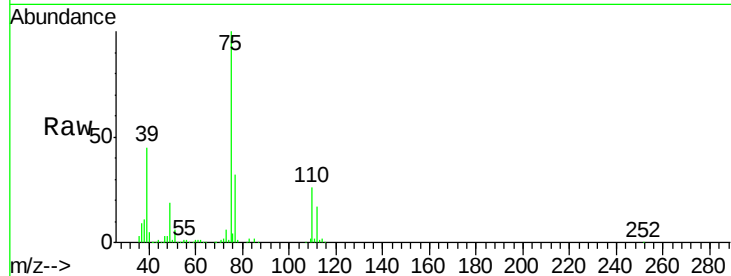




#53
t-1,3-Dichloropropene
Concen: 19.940 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

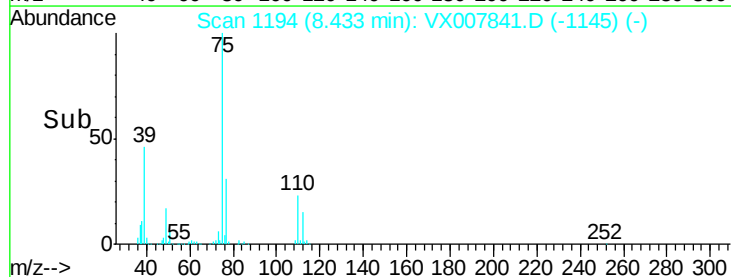
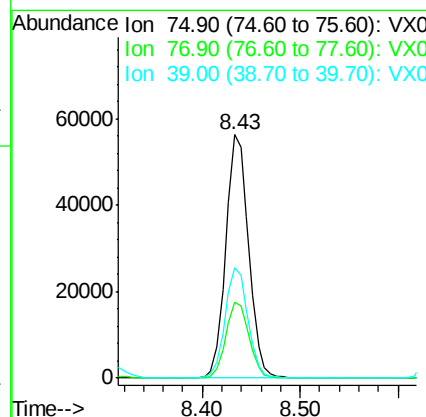
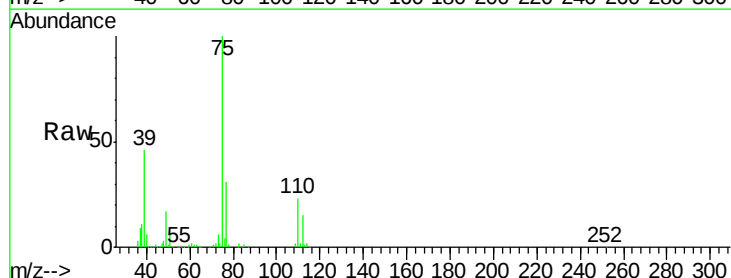
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 75 Resp: 82516
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.504 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 75 Resp: 90967
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.4
39 45.4 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.686 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 97 Resp: 60430

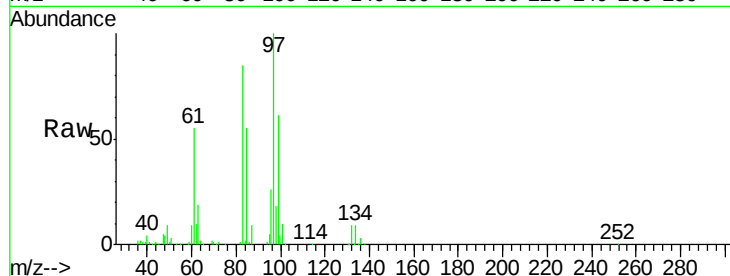
Ion Ratio Lower Upper

97 100

83 84.6 68.6 102.8

85 55.3 44.5 66.7

99 60.6 52.2 78.4

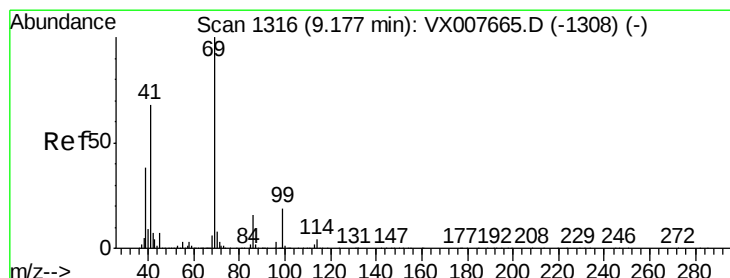
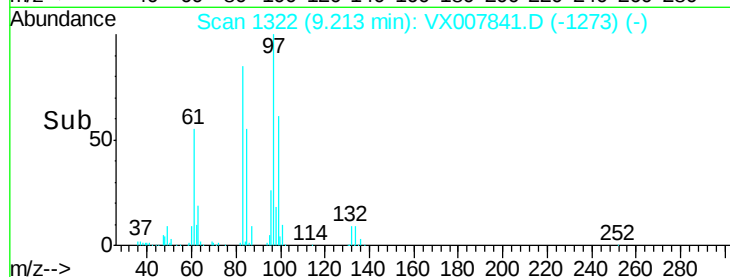
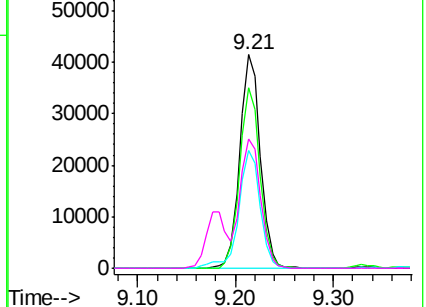


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.505 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

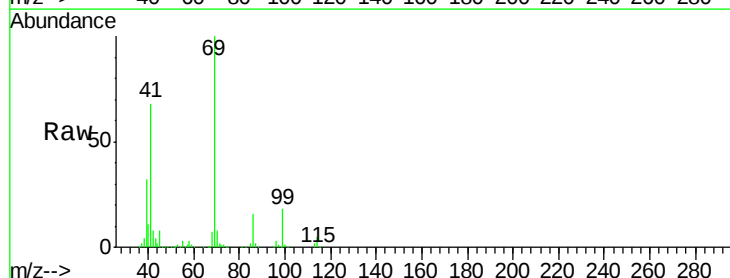
Tgt Ion: 69 Resp: 85148

Ion Ratio Lower Upper

69 100

41 68.3 52.1 78.1

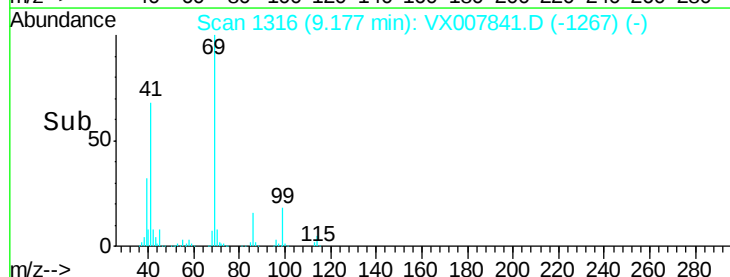
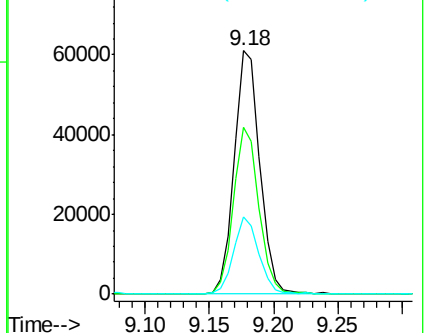
39 30.9 30.1 45.1



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: 20.076 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

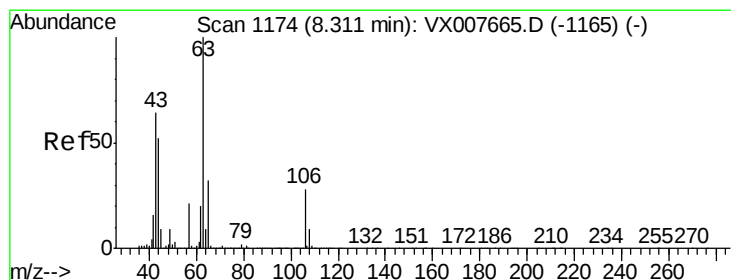
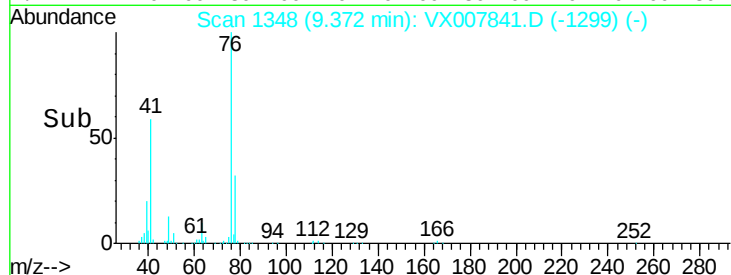
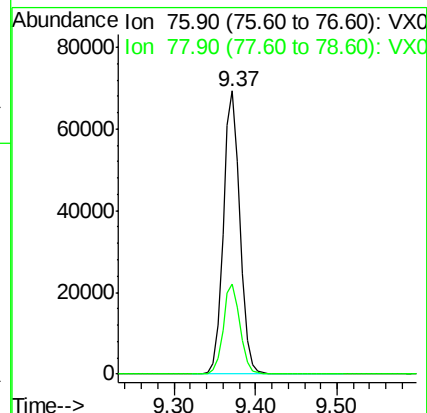
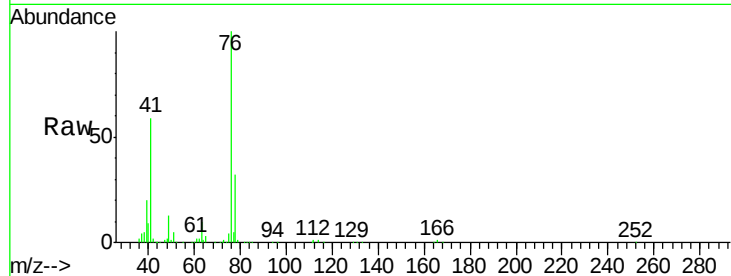
VX0305WBSD01

Tot Ion: 76 Resp: 98651

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.660 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007841.D

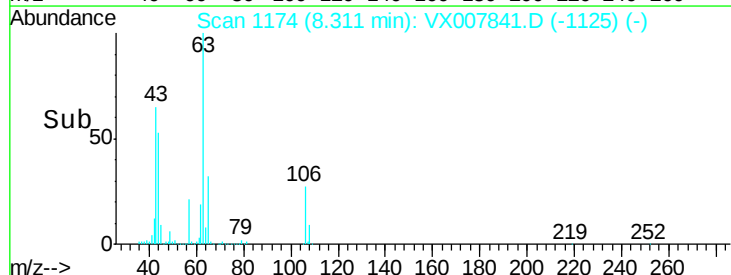
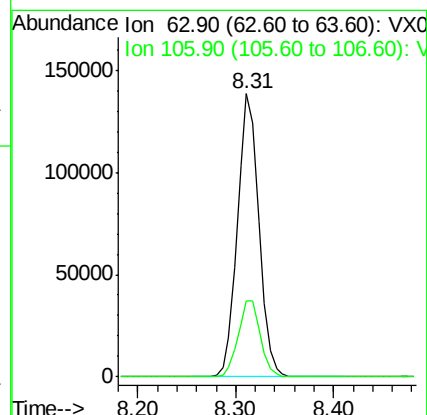
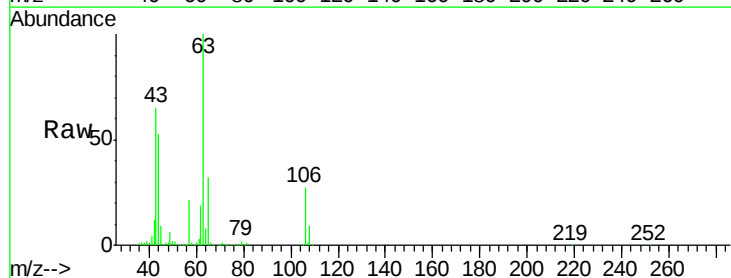
Acq: 05 Mar 2019 17:01

Tgt Ion: 63 Resp: 211021

Ion Ratio Lower Upper

63 100

106 27.7 23.6 35.4

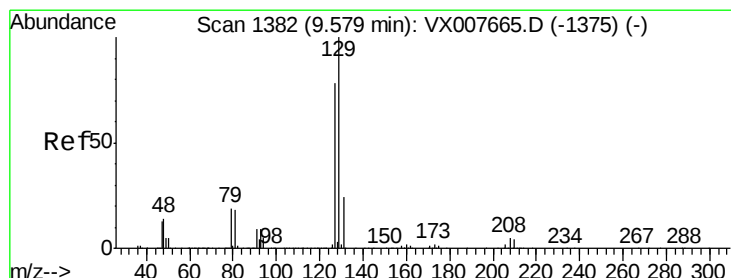
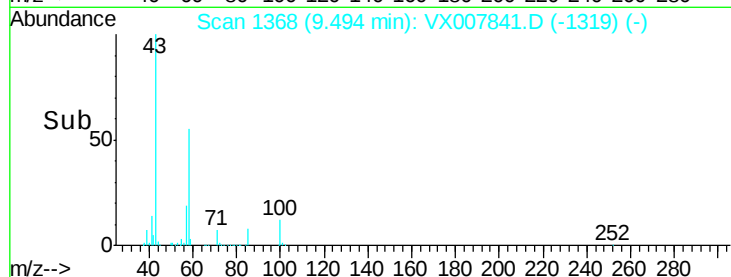
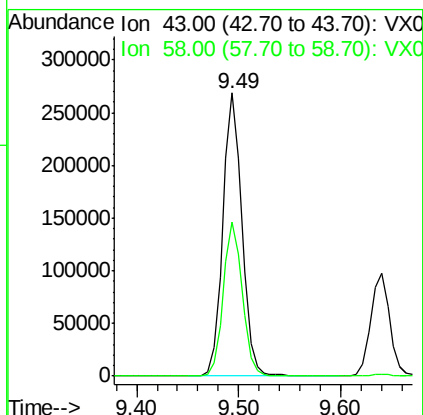
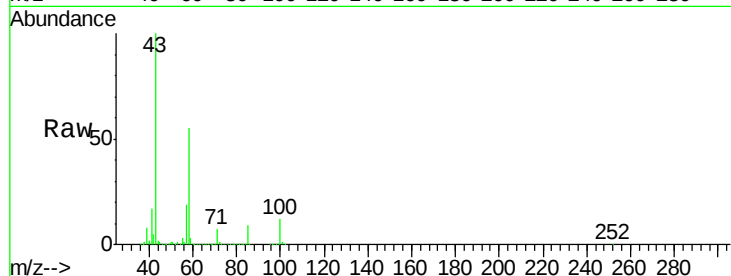




#59
2-Hexanone
Concen: 103.100 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

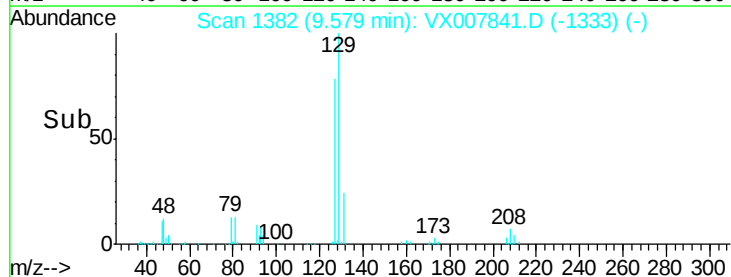
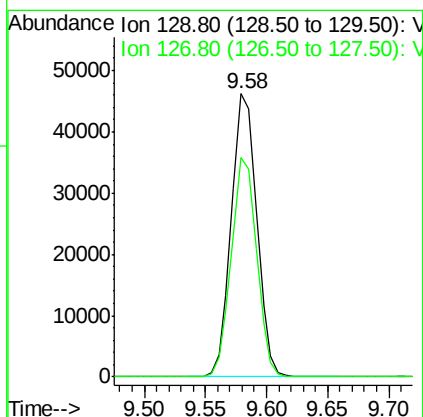
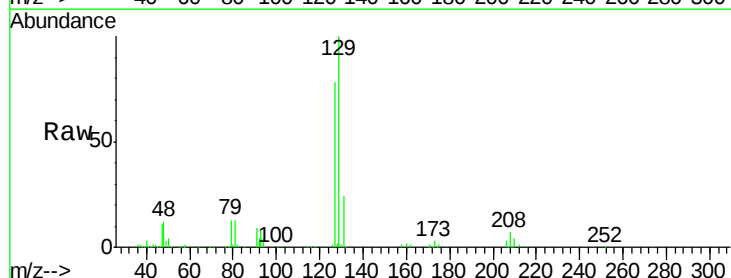
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

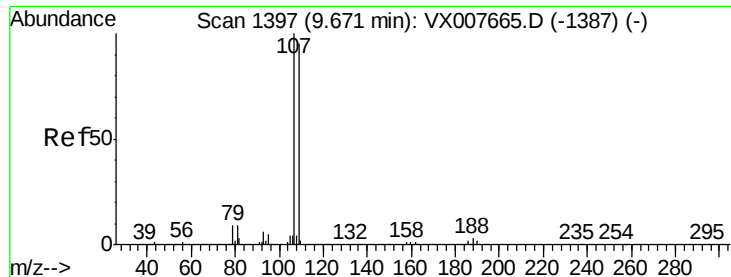
Tot Ion: 43 Resp: 350297
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 22.564 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 129 Resp: 66649
Ion Ratio Lower Upper
129 100
127 77.1 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.687 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

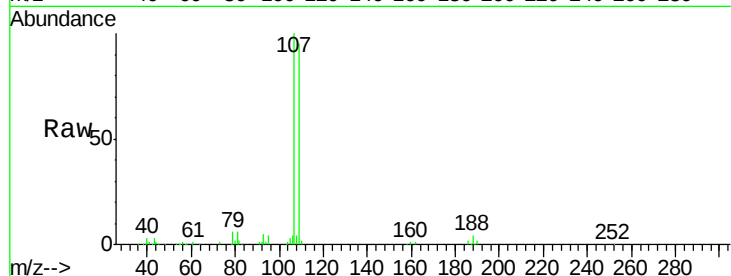
VX0305WBSD01

Tot Ion: 107 Resp: 62745

Ion Ratio Lower Upper

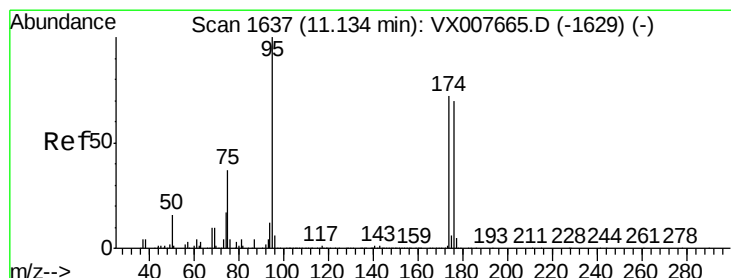
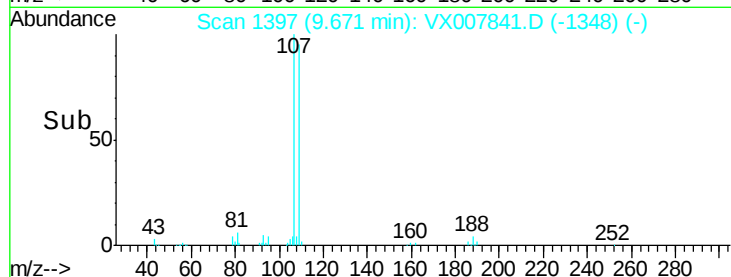
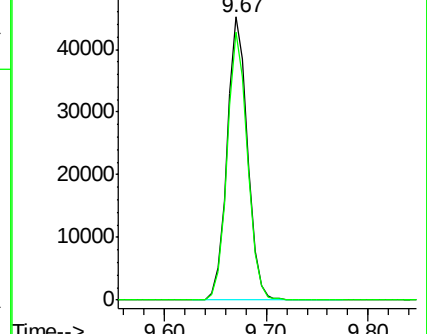
107 100

109 94.2 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: 45.799 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

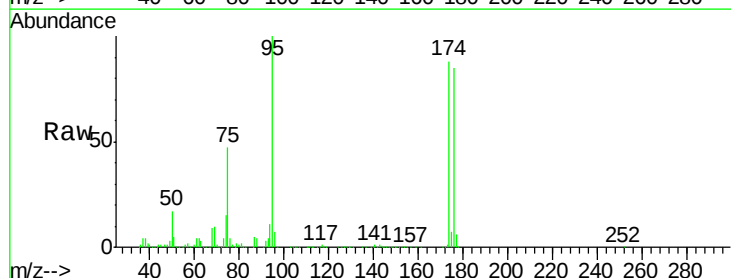
Tgt Ion: 95 Resp: 180954

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

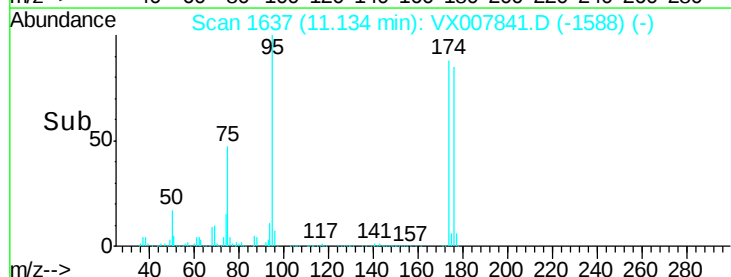
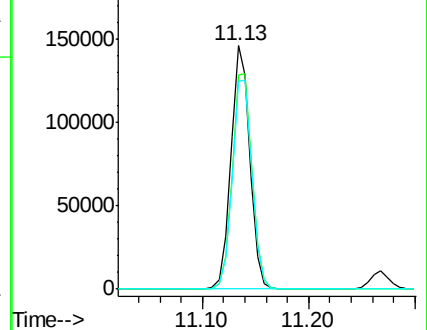
176 90.3 0.0 186.2

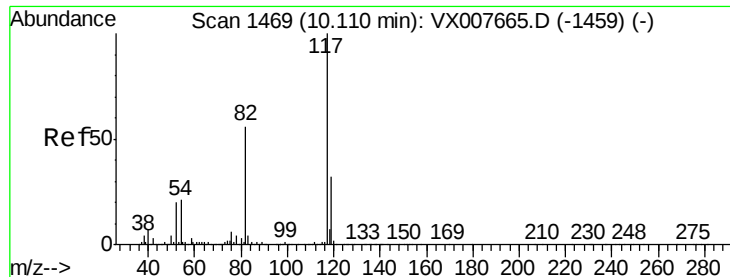


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0305WBSD01

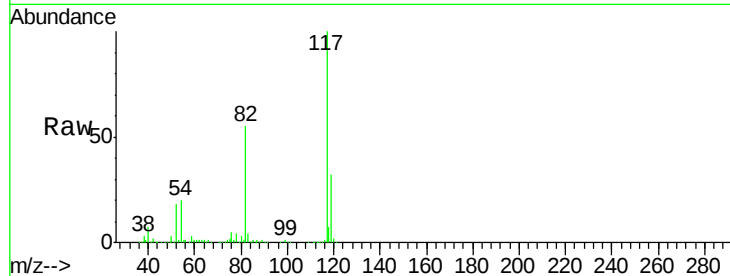
Tot Ion:117 Resp: 370133

Ion Ratio Lower Upper

117 100

82 55.4 42.1 63.1

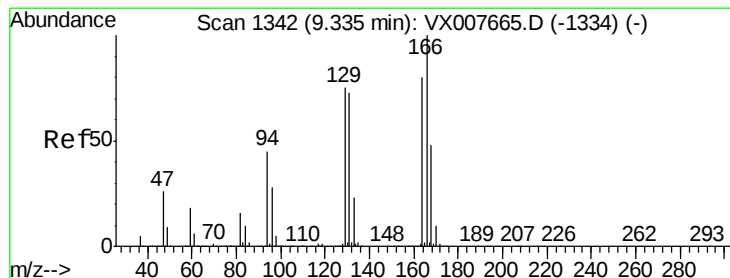
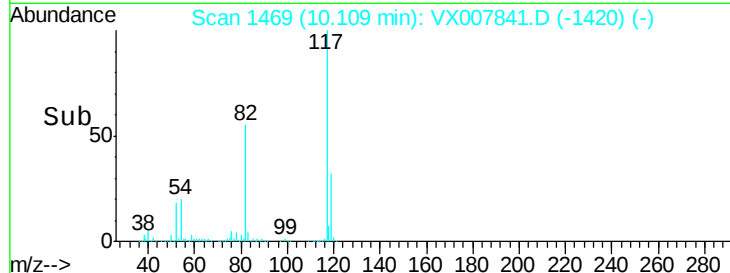
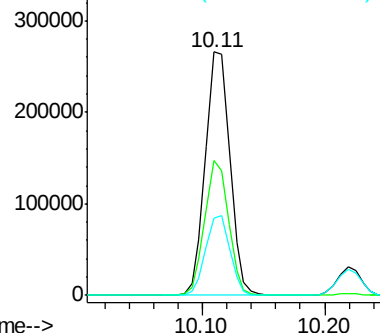
119 31.9 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.392 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:164 Resp: 55265

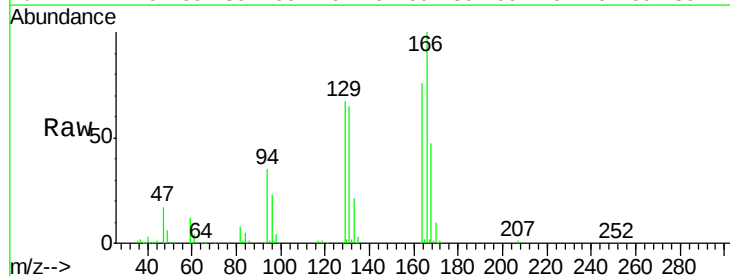
Ion Ratio Lower Upper

164 100

166 132.3 101.0 151.4

129 88.2 70.5 105.7

131 86.0 69.8 104.6

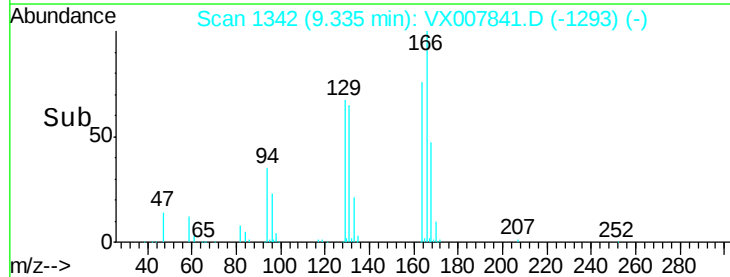
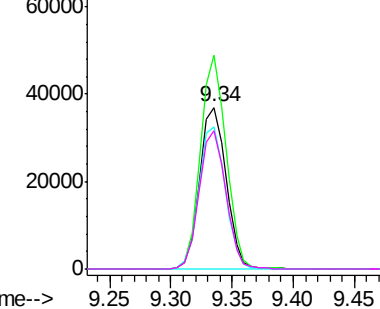


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.406 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

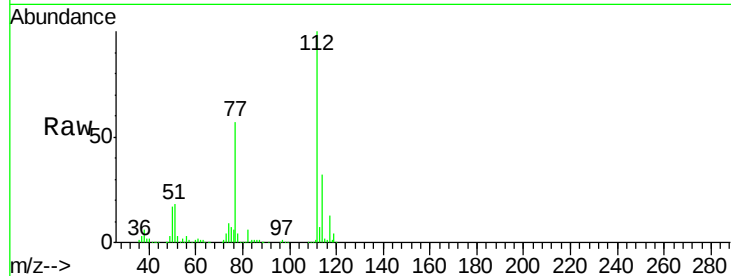
VX0305WBSD01

Tot Ion:112 Resp: 155348

Ion Ratio Lower Upper

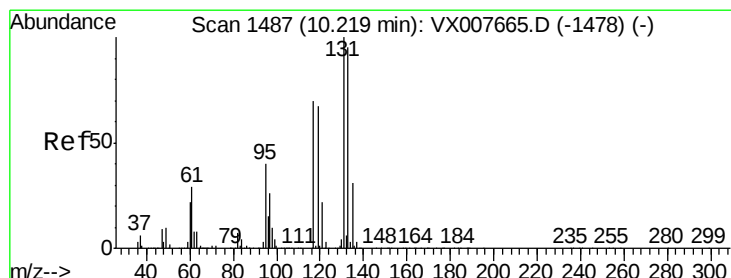
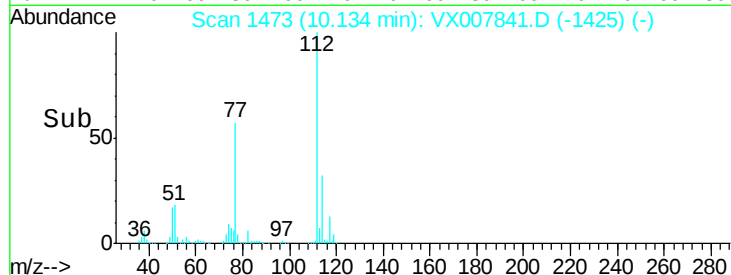
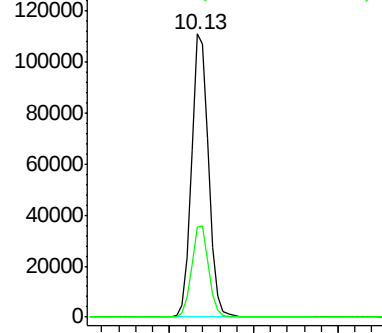
112 100

114 31.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.470 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

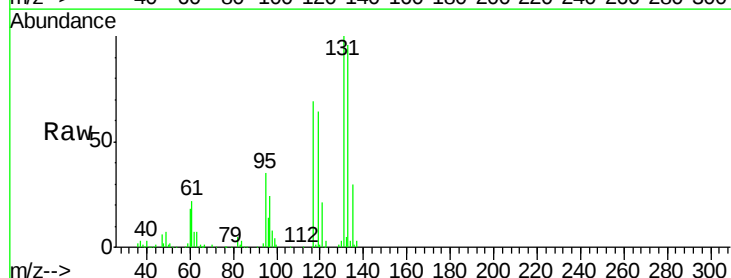
Tgt Ion:131 Resp: 59953

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

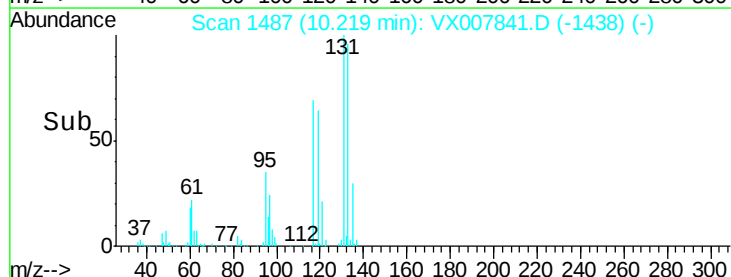
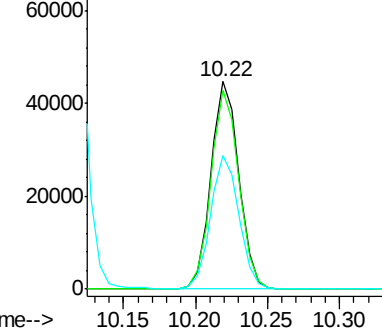
119 65.7 32.0 96.0

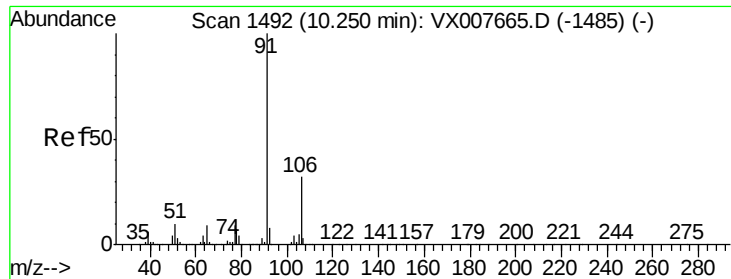


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.379 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

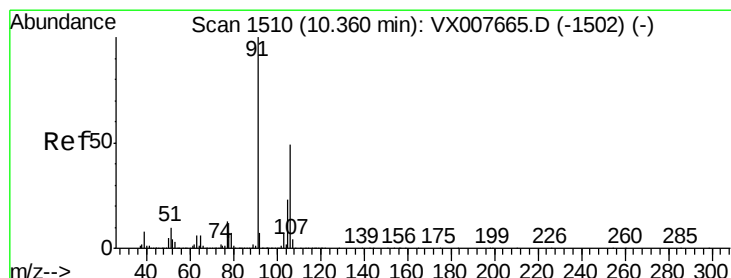
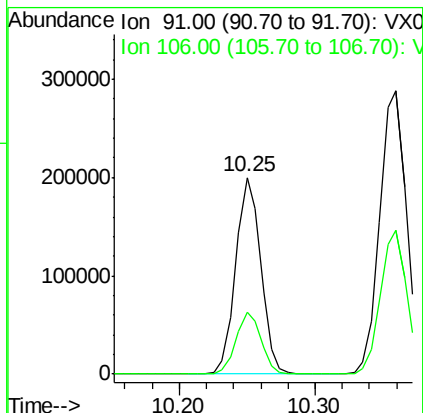
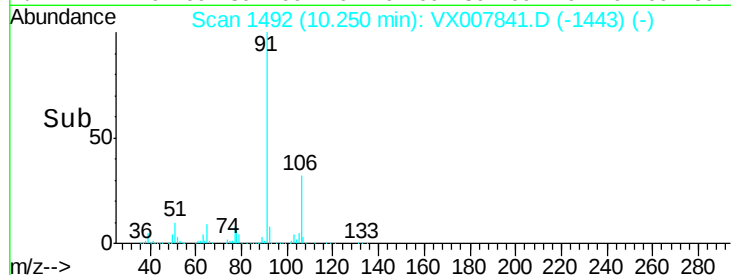
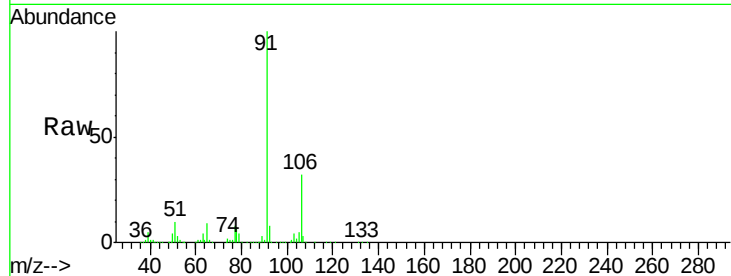
VX0305WBSD01

Tot Ion: 91 Resp: 256983

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



#68

m/p-Xylenes

Concen: 38.176 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007841.D

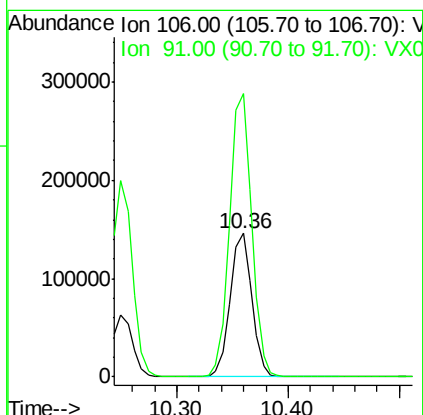
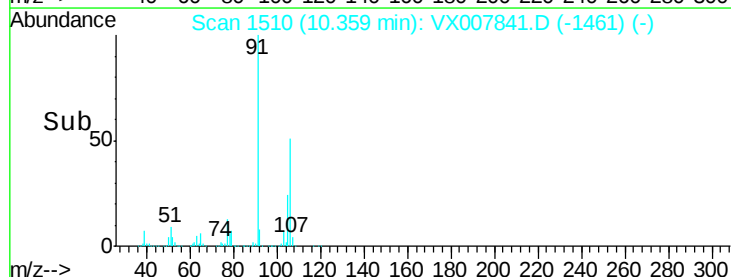
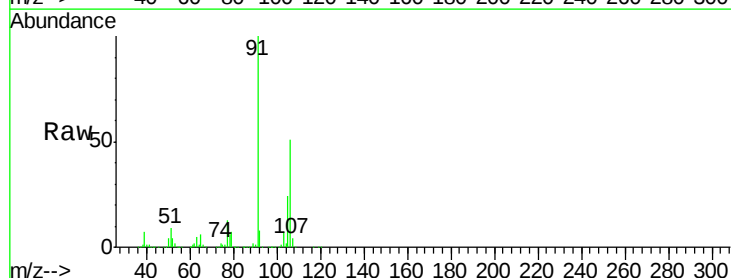
Acq: 05 Mar 2019 17:01

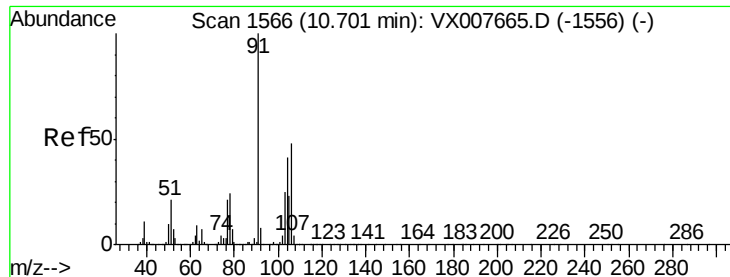
Tgt Ion: 106 Resp: 196948

Ion Ratio Lower Upper

106 100

91 201.1 156.6 234.8

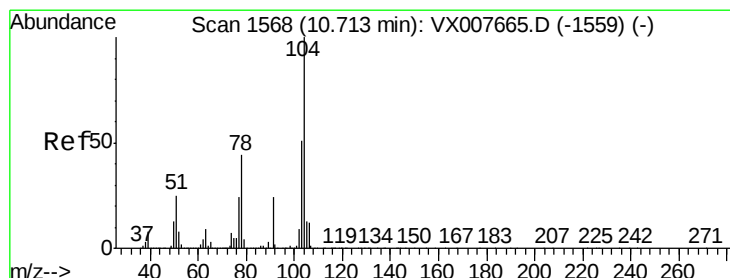
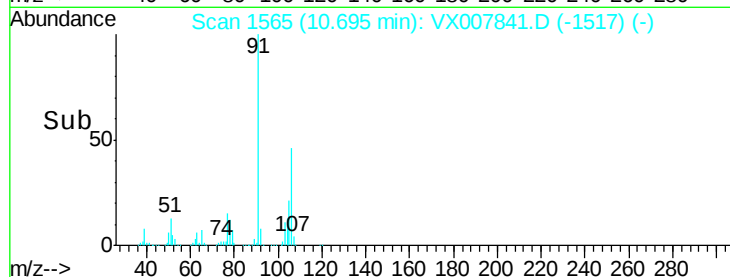
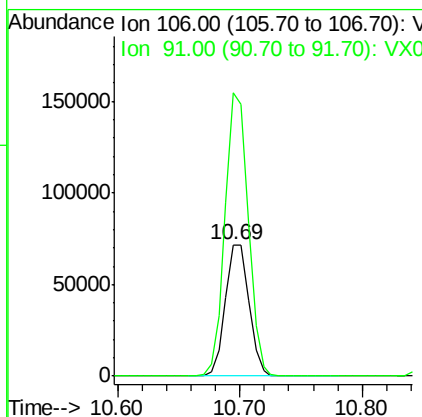
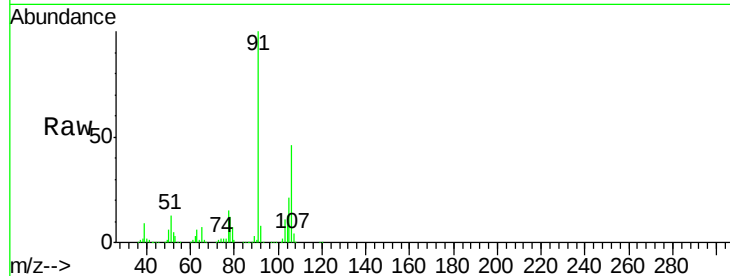




#69
o-Xylene
Concen: 19.436 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

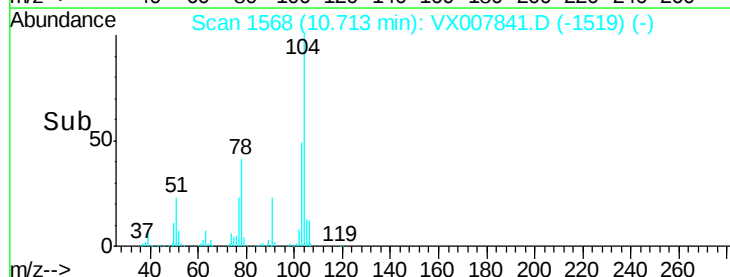
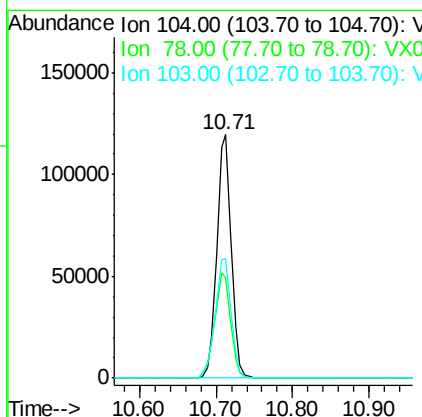
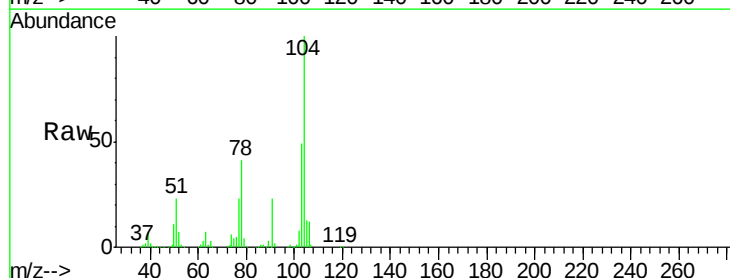
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:106 Resp: 96449
Ion Ratio Lower Upper
106 100
91 211.4 102.9 308.7



#70
Styrene
Concen: 19.139 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion:104 Resp: 156108
Ion Ratio Lower Upper
104 100
78 48.1 38.3 57.5
103 54.7 44.6 67.0

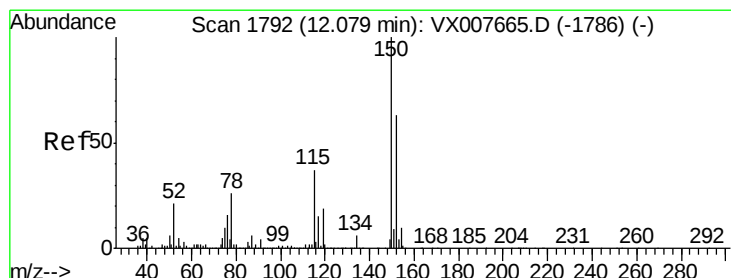
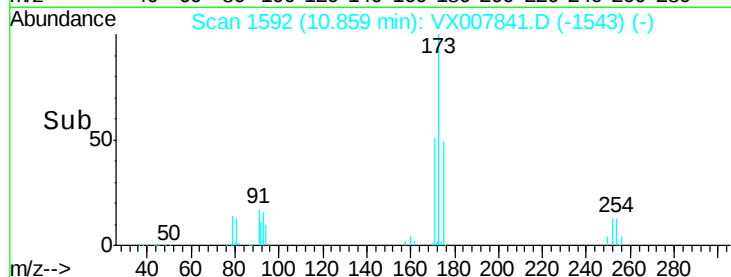
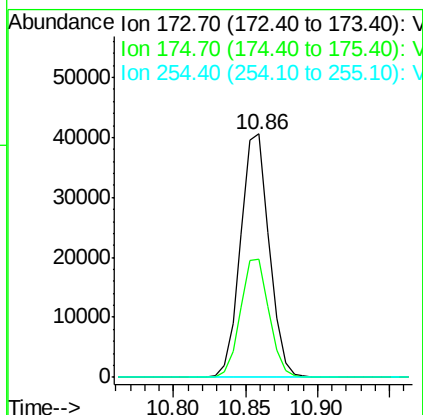
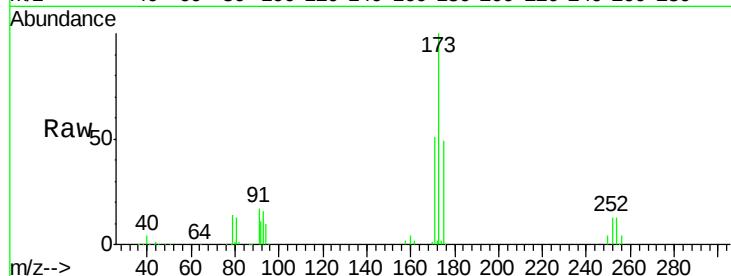




#71
Bromoform
Concen: 26.733 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

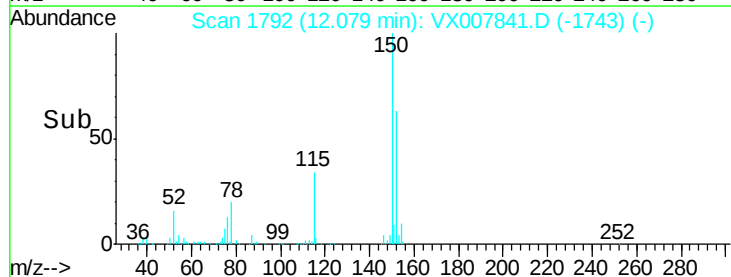
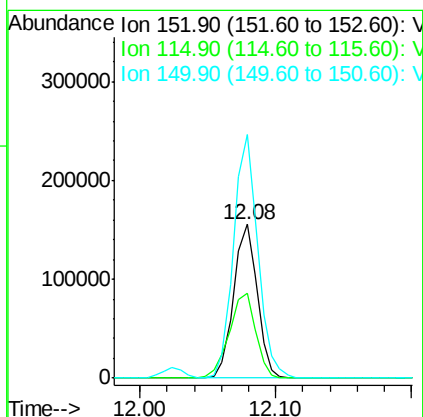
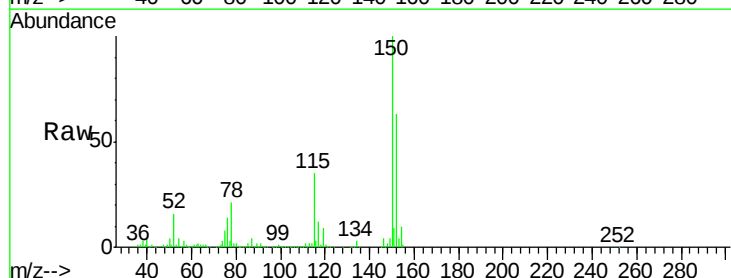
Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

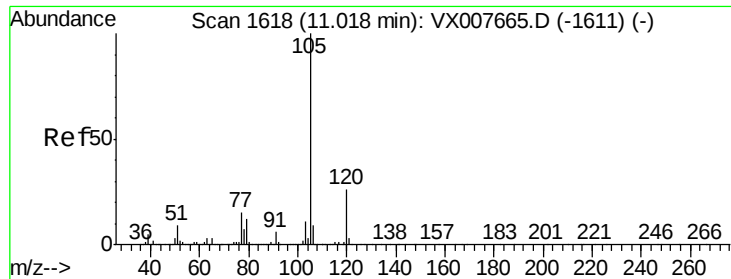
Tot Ion:173 Resp: 55977
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion:152 Resp: 187088
Ion Ratio Lower Upper
152 100
115 63.0 38.0 114.0
150 163.2 0.0 346.4





#73

Isopropylbenzene

Concen: 19.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

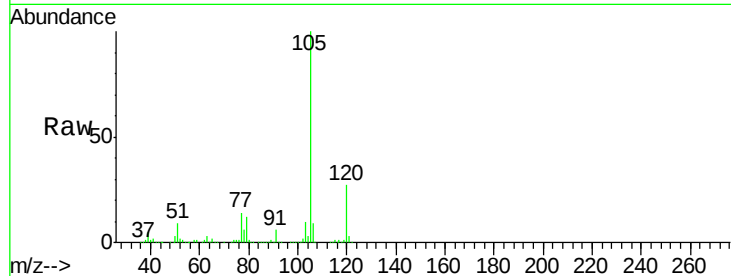
VX0305WBSD01

Tot Ion:105 Resp: 258890

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

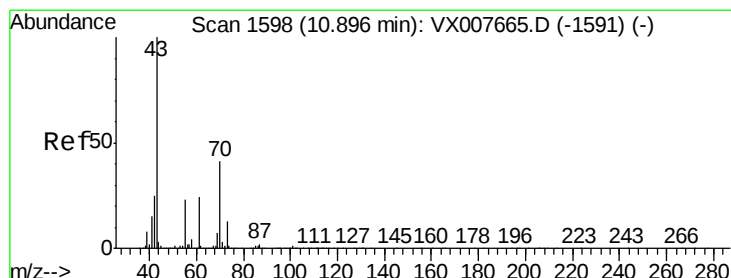
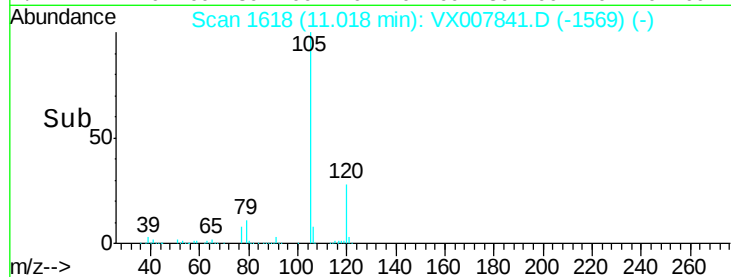
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.736 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion: 43 Resp: 120404

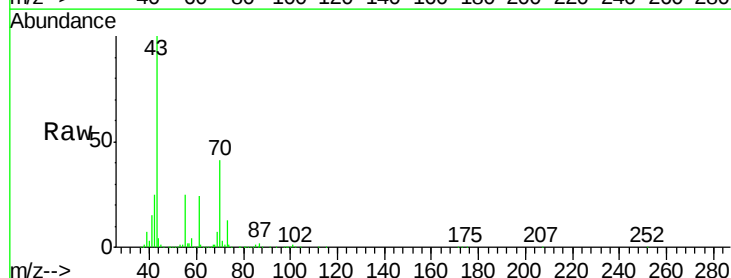
Ion Ratio Lower Upper

43 100

70 41.2 33.8 50.6

55 24.8 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

150000

100000

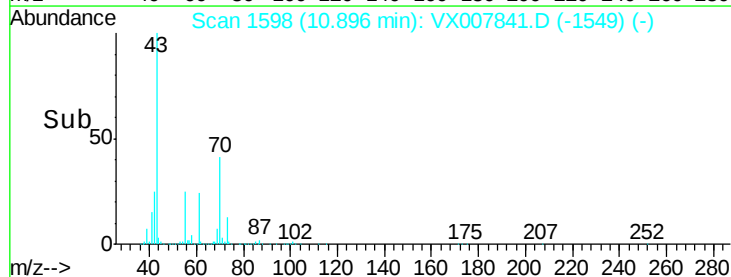
50000

0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.990 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

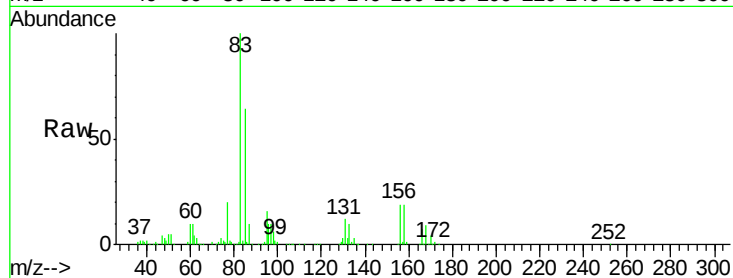
Tot Ion: 83 Resp: 92450

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

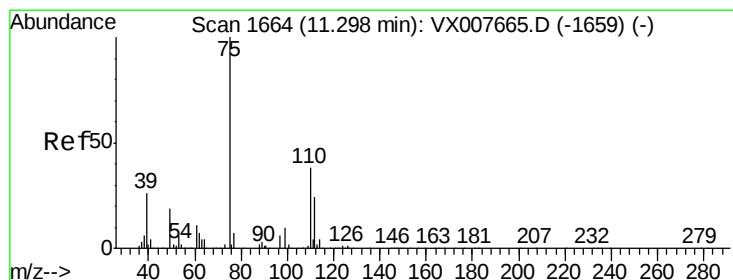
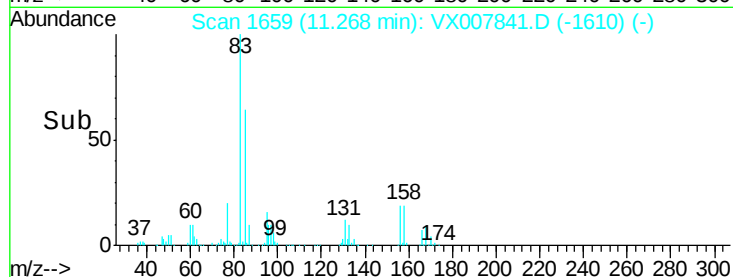
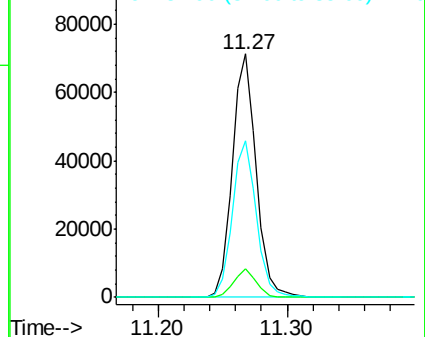
85 64.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.265 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007841.D

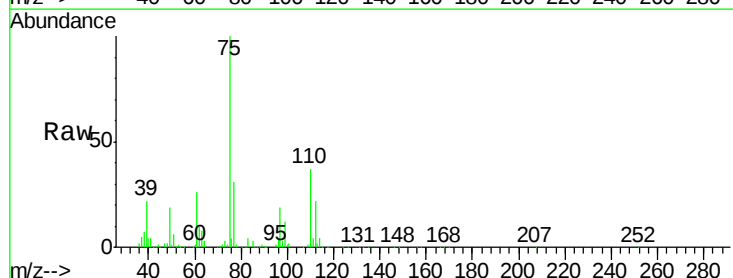
Acq: 05 Mar 2019 17:01

Tgt Ion: 75 Resp: 104742

Ion Ratio Lower Upper

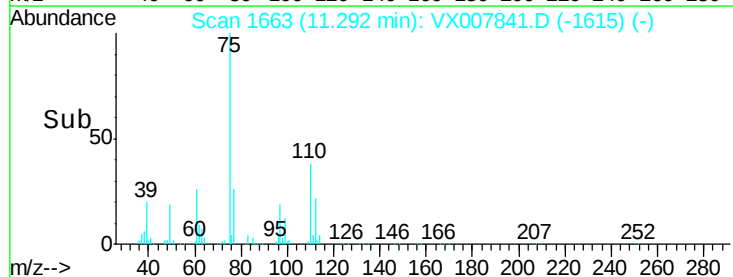
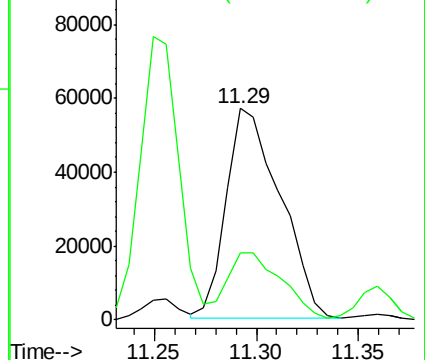
75 100

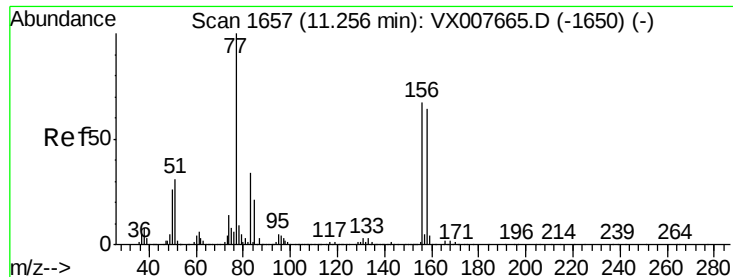
77 32.6 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.765 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

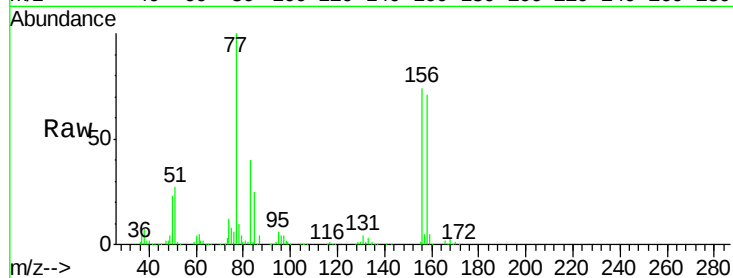
Tot Ion:156 Resp: 69643

Ion Ratio Lower Upper

156 100

77 144.1 66.8 200.6

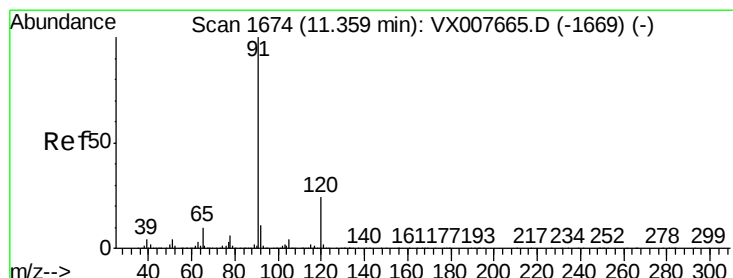
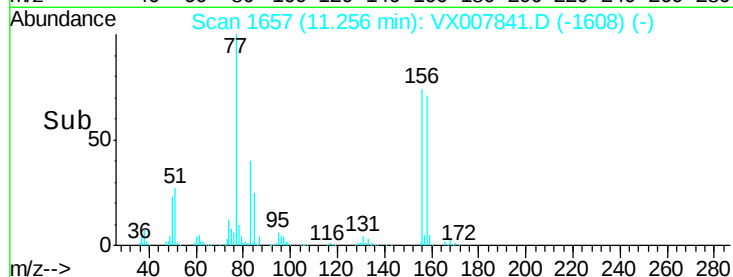
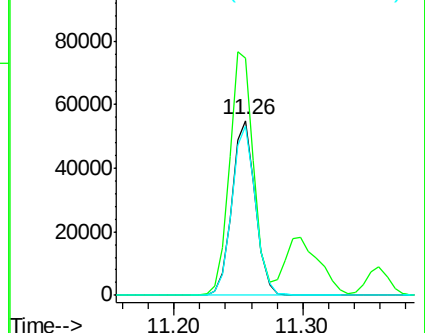
158 98.4 47.9 143.8



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: 18.897 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007841.D

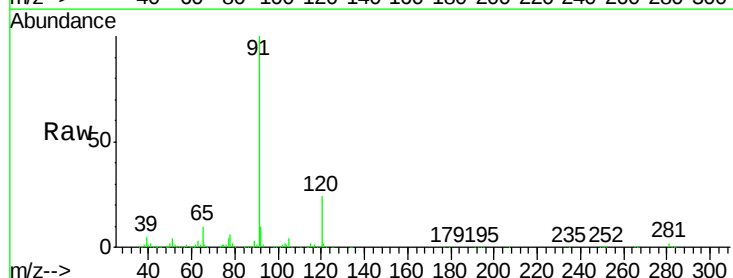
Acq: 05 Mar 2019 17:01

Tgt Ion: 91 Resp: 285527

Ion Ratio Lower Upper

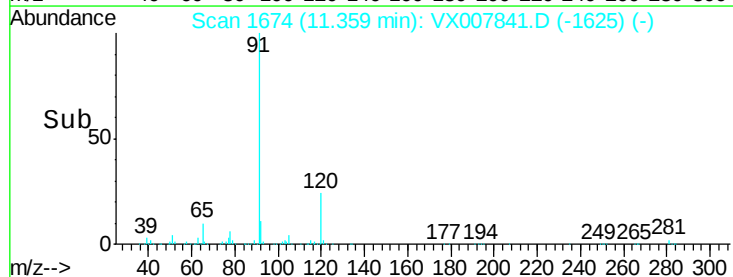
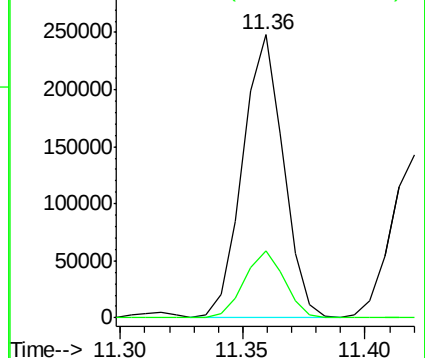
91 100

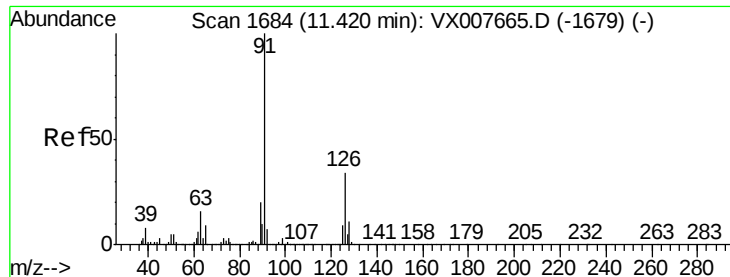
120 23.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.963 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

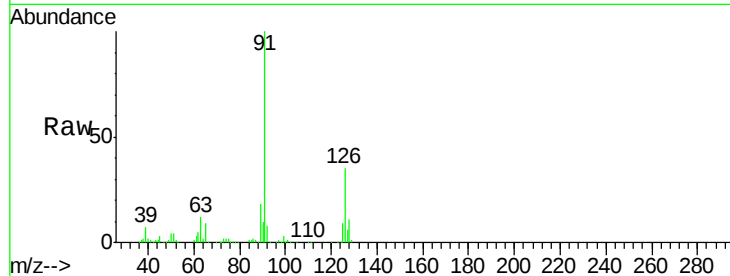
VX0305WBSD01

Tot Ion: 91 Resp: 172524

Ion Ratio Lower Upper

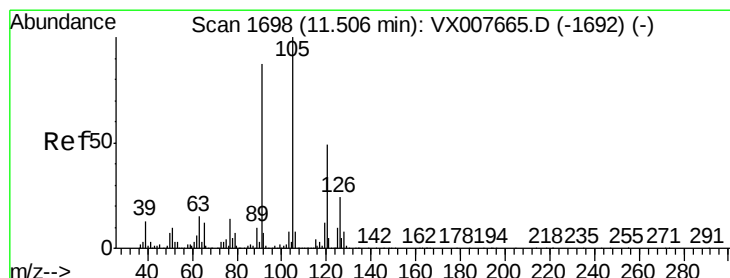
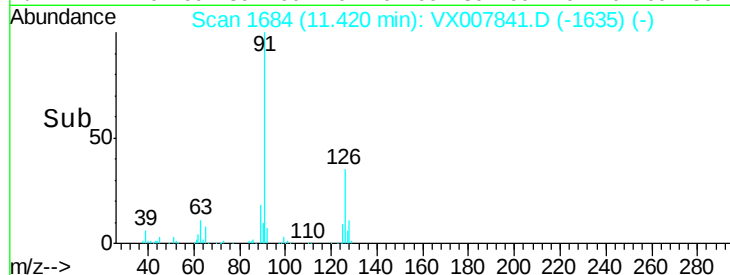
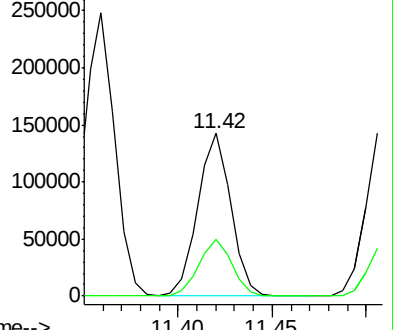
91 100

126 35.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.288 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007841.D

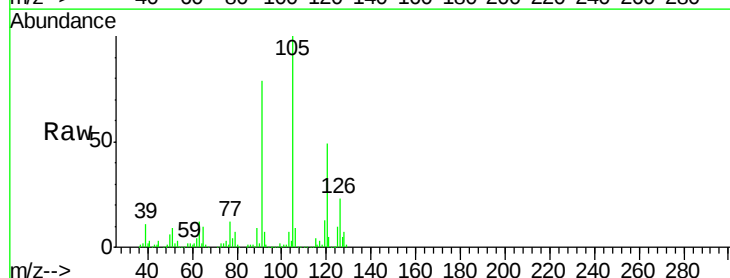
Acq: 05 Mar 2019 17:01

Tgt Ion:105 Resp: 212139

Ion Ratio Lower Upper

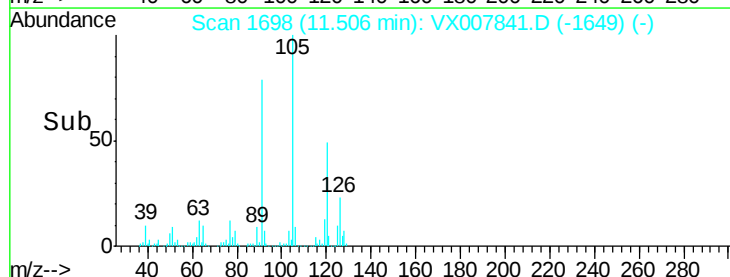
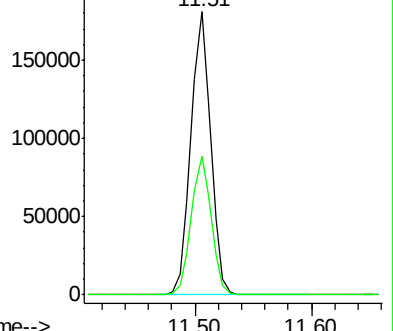
105 100

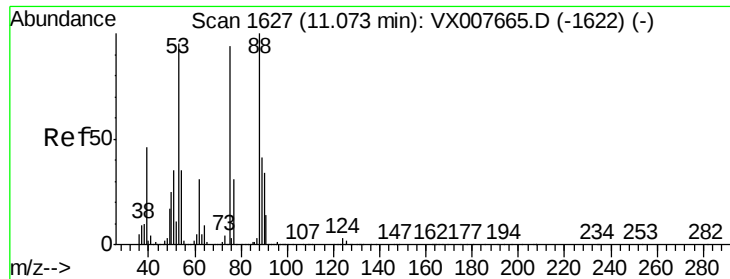
120 49.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.193 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

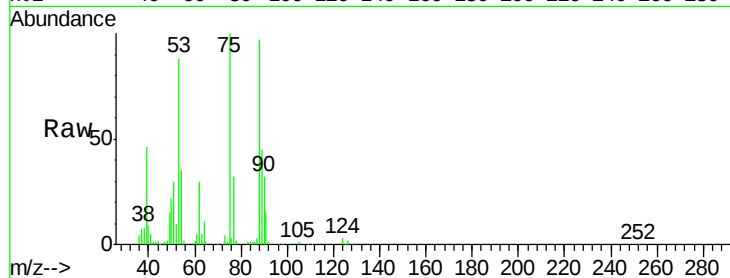
MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 75 Resp: 27210

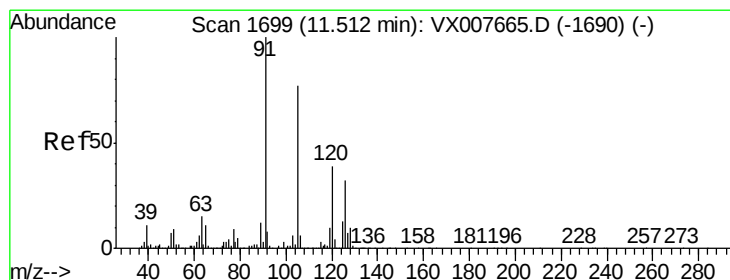
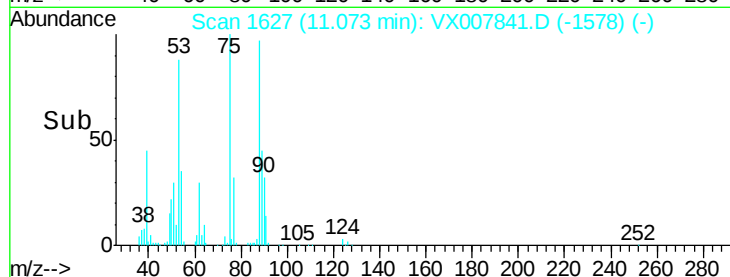
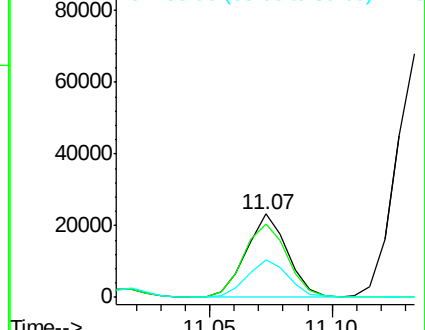
Ion	Ratio	Lower	Upper
75	100		
53	93.1	81.0	121.6
89	45.6	41.4	62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.285 ug/l

RT: 11.51 min Scan# 1699

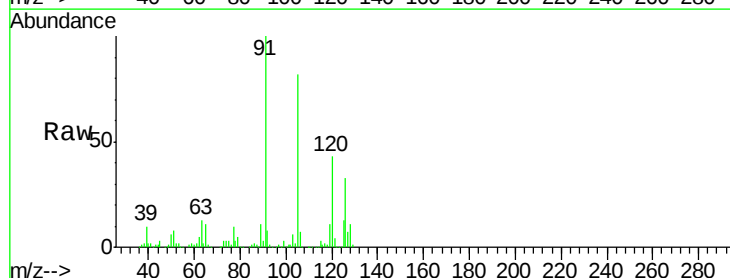
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

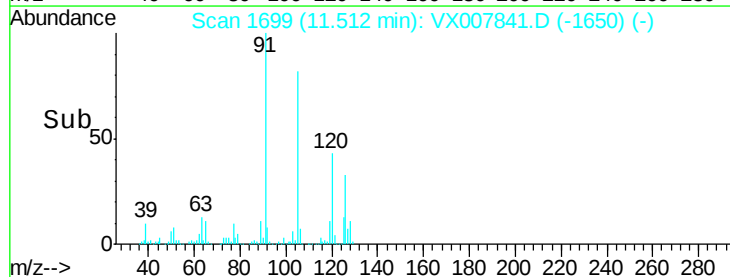
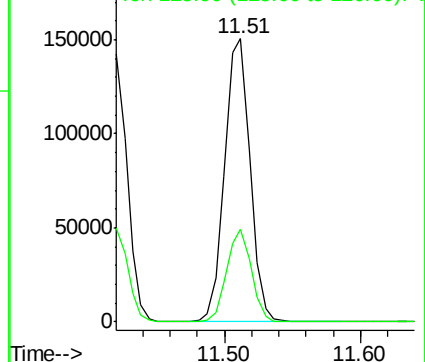
Tgt Ion: 91 Resp: 194612

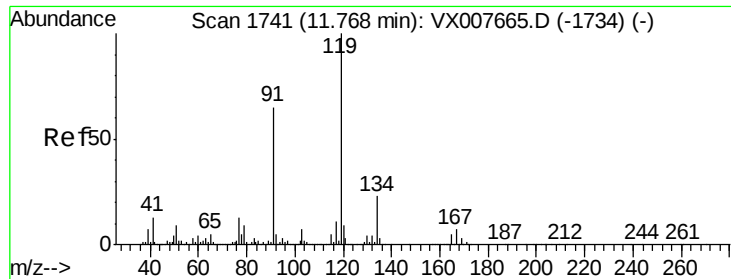
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

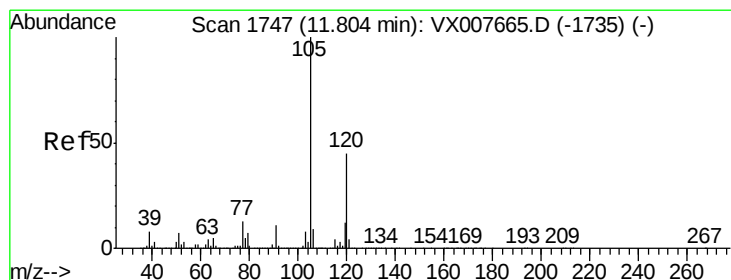
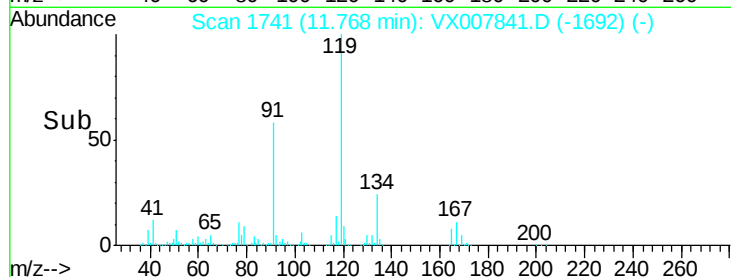
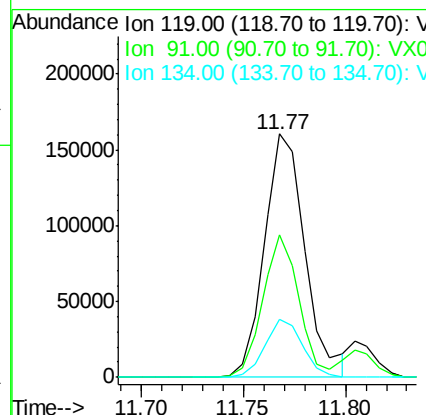
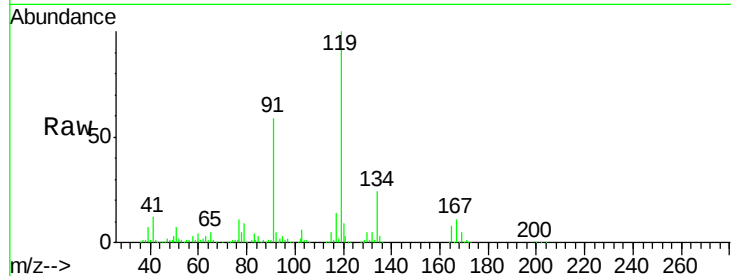




#83
 tert-Butylbenzene
 Concen: 21.086 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

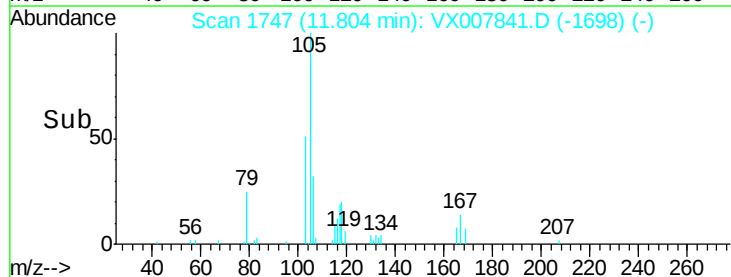
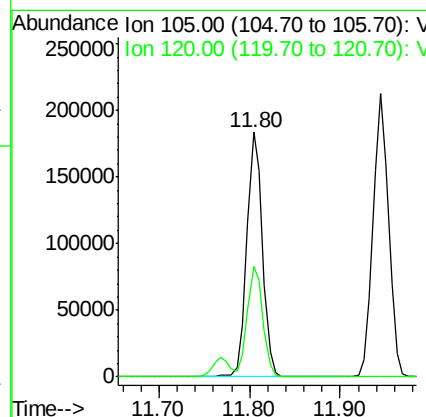
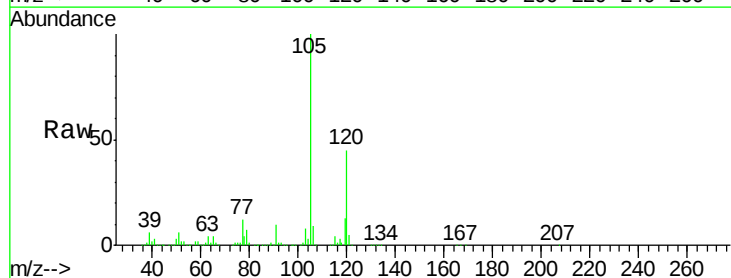
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

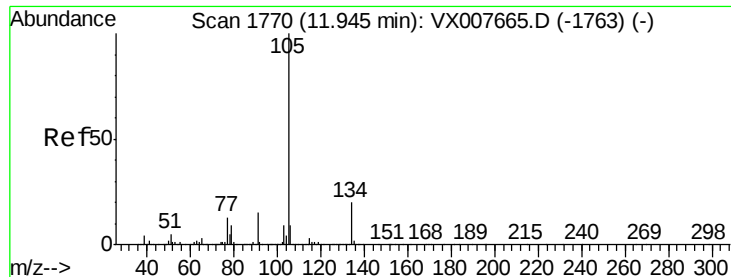
Tot Ion:119 Resp: 222679
 Ion Ratio Lower Upper
 119 100
 91 52.1 28.5 85.6
 134 22.2 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.466 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion:105 Resp: 219001
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.194 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

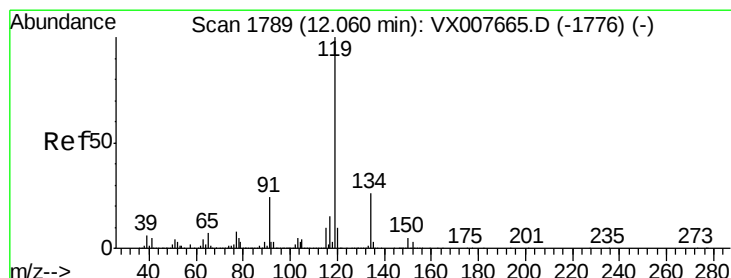
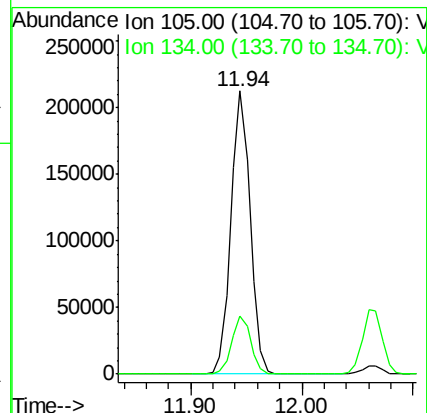
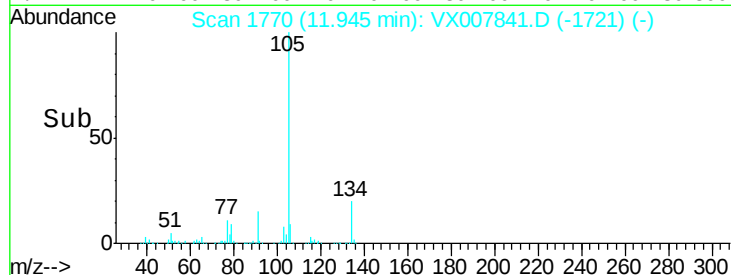
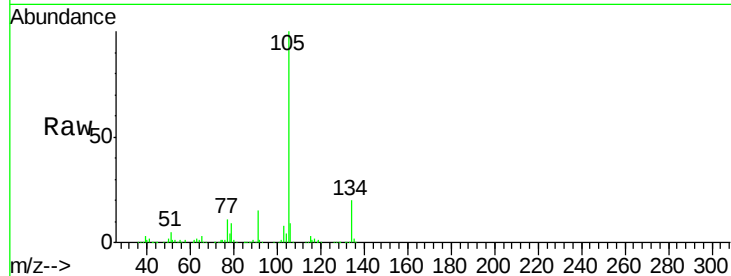
VX0305WBSD01

Tot Ion:105 Resp: 254004

Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.377 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

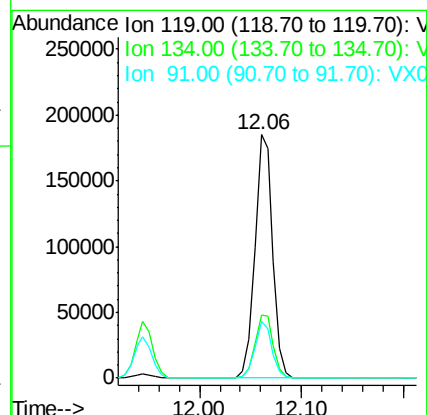
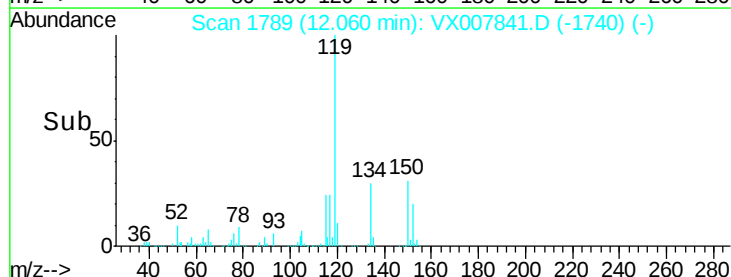
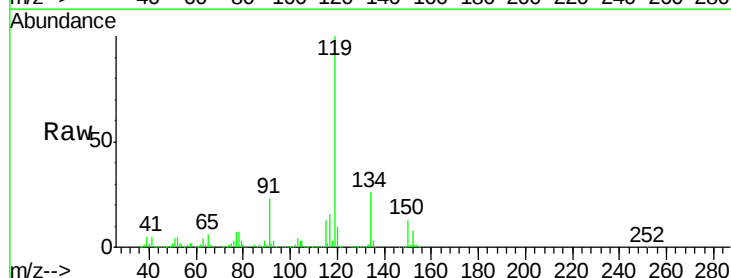
Tgt Ion:119 Resp: 224559

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 22.4 11.2 33.5

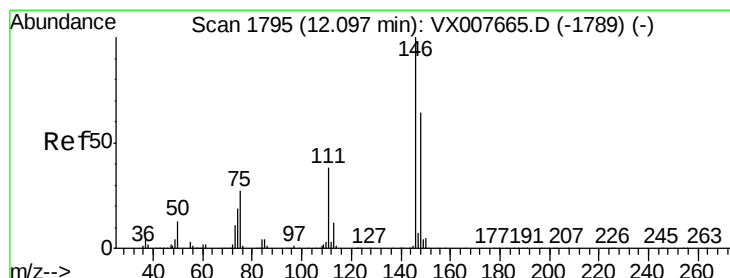
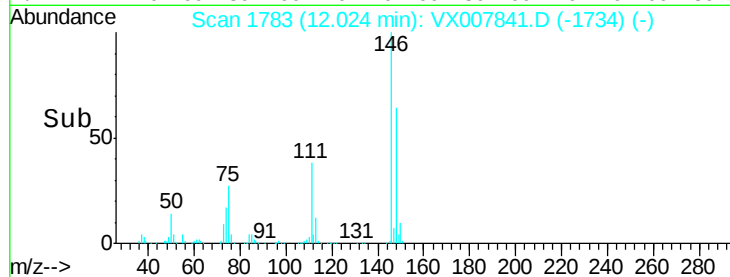
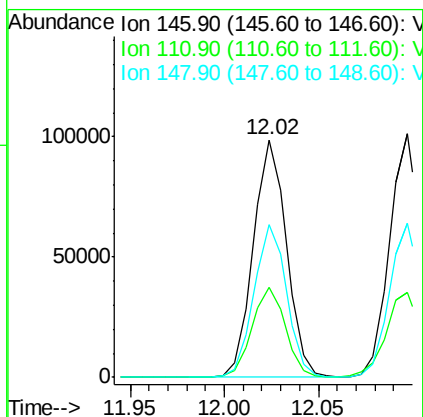
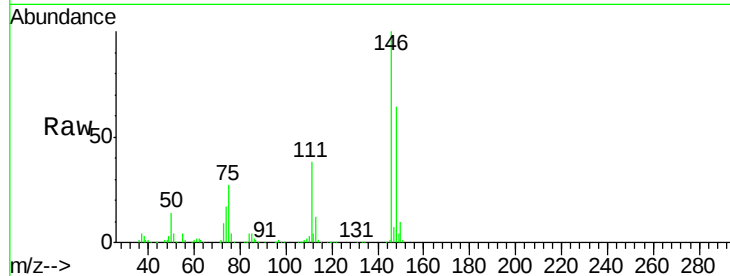




#87
 1,3-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

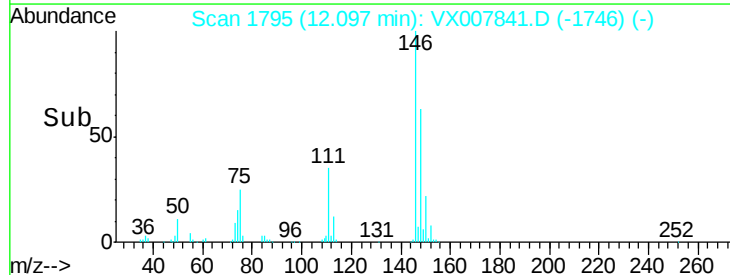
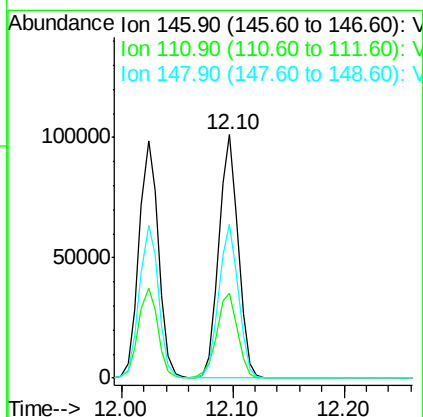
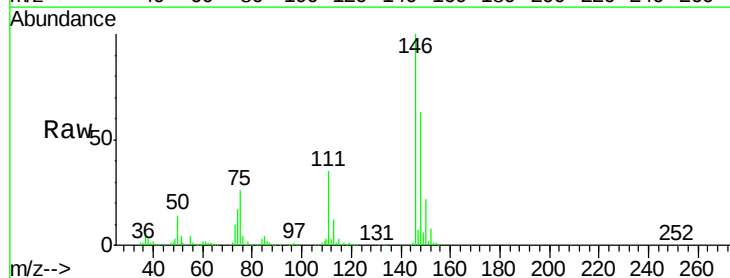
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

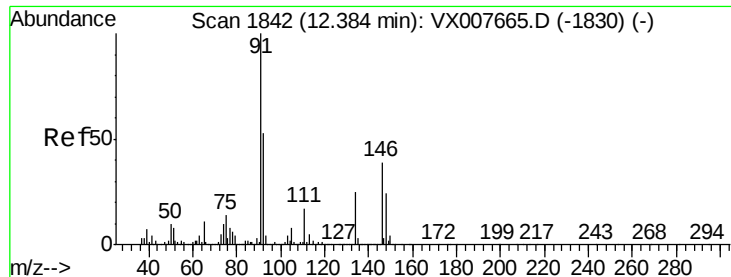
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	63.6	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.149 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	63.9	32.3	96.9





#89

n-Butylbenzene

Concen: 17.682 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

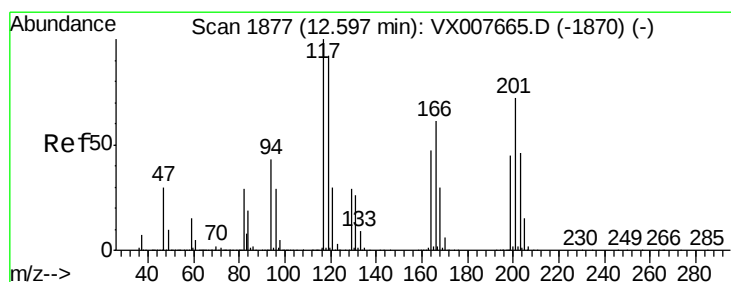
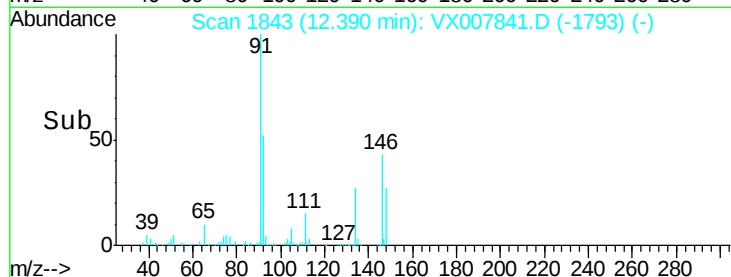
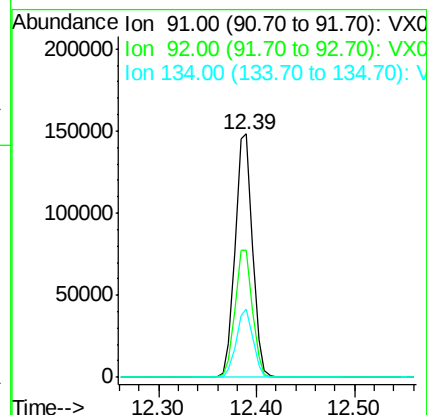
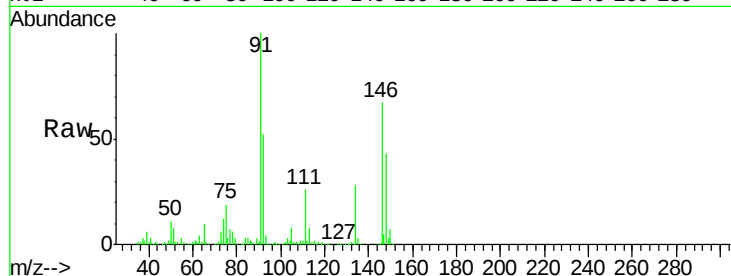
Tot Ion: 91 Resp: 182748

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

134 27.3 13.9 41.6



#90

Hexachloroethane

Concen: 21.549 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007841.D

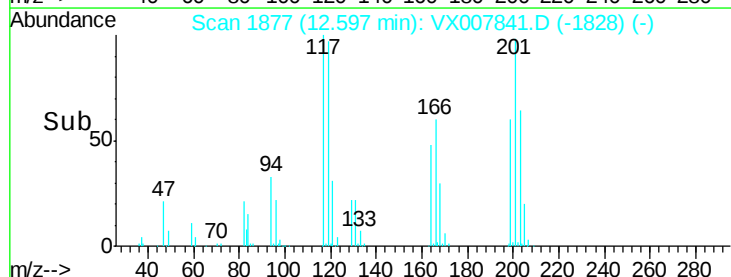
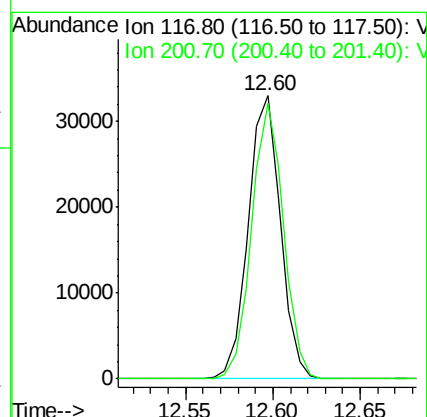
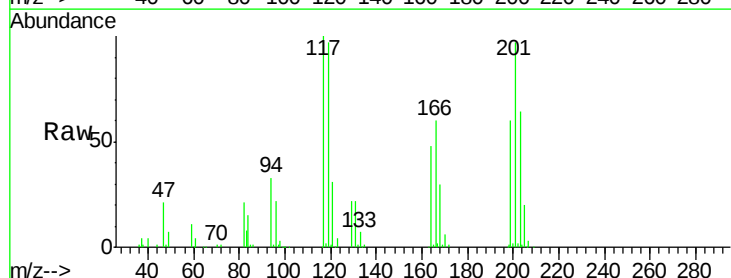
Acq: 05 Mar 2019 17:01

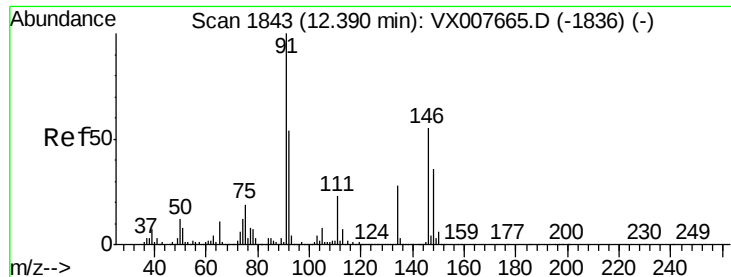
Tgt Ion: 117 Resp: 42079

Ion Ratio Lower Upper

117 100

201 96.3 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.658 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0305WBSD01

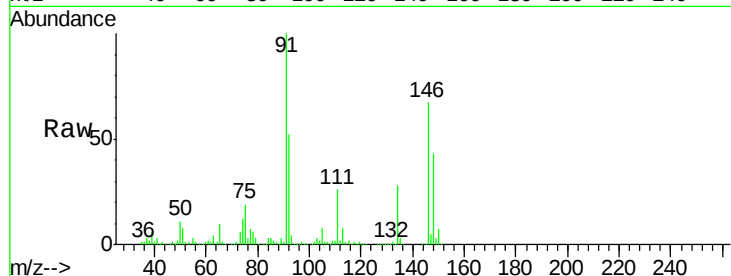
Tot Ion:146 Resp: 122361

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.3

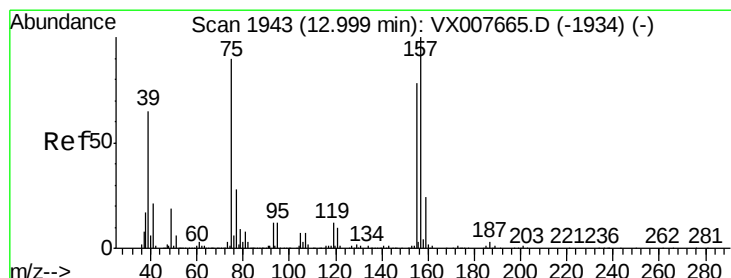
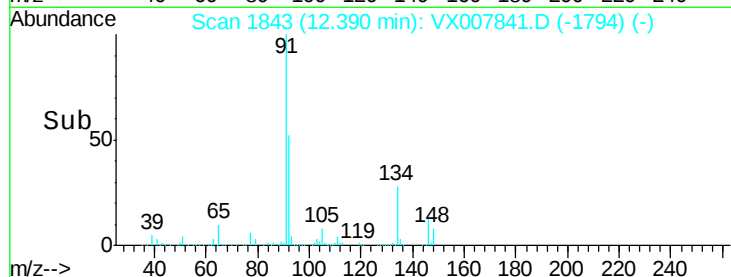
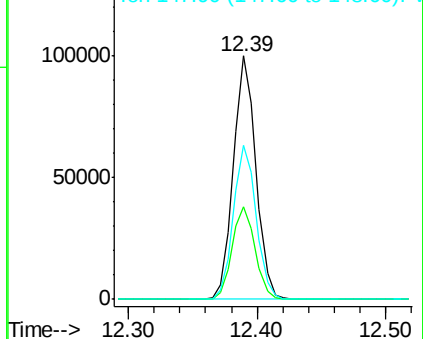
148 64.3 32.1 96.3



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: 19.668 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

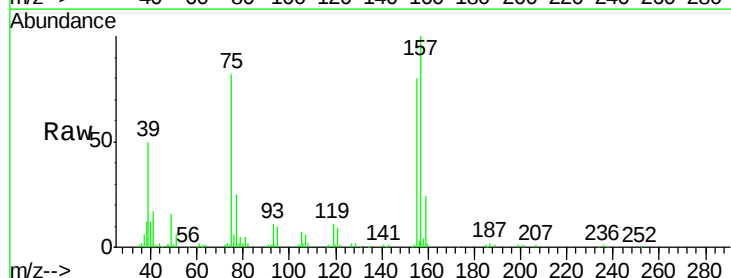
Tgt Ion: 75 Resp: 19819

Ion Ratio Lower Upper

75 100

155 100.1 49.6 149.0

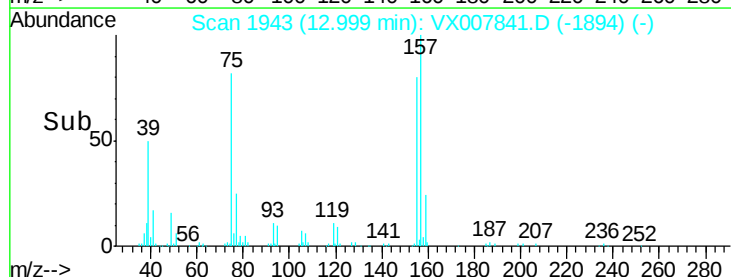
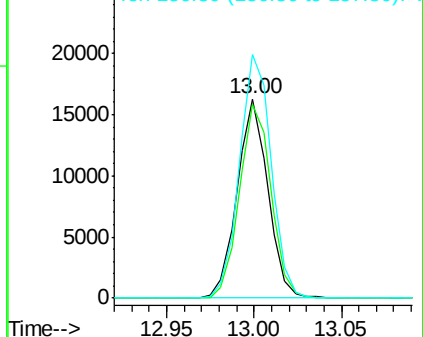
157 126.8 65.1 195.3



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

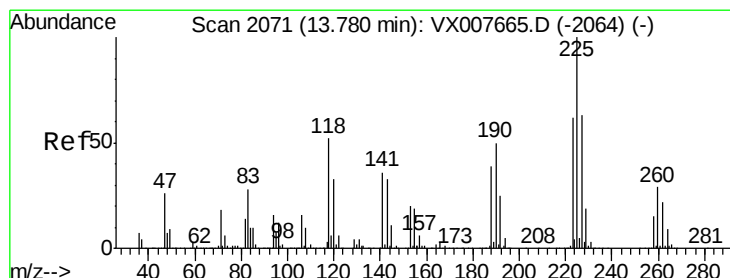
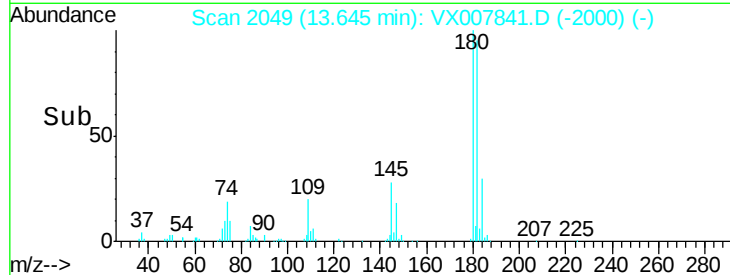
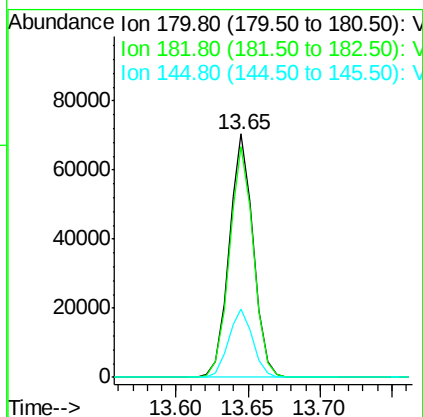
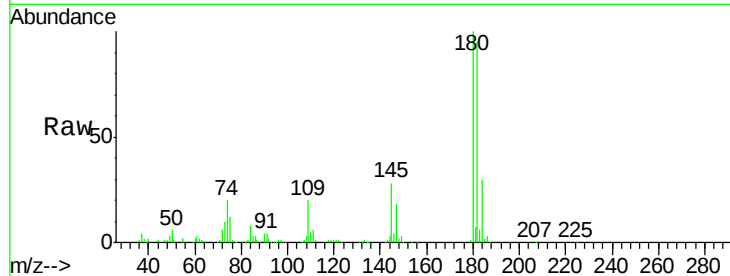




#93
 1,2,4-Trichlorobenzene
 Concen: 21.697 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

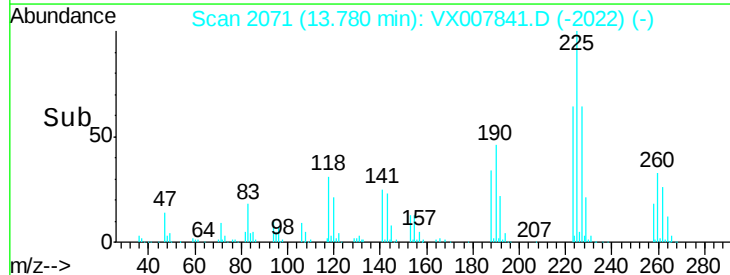
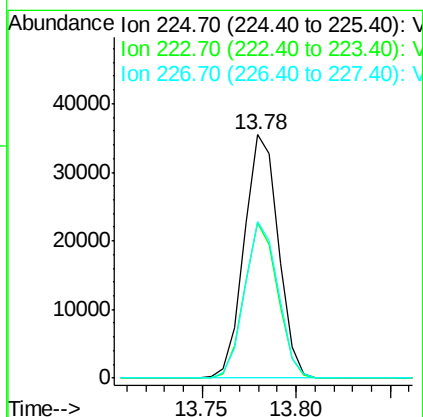
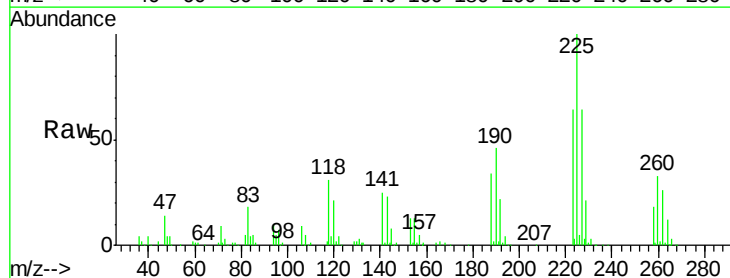
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

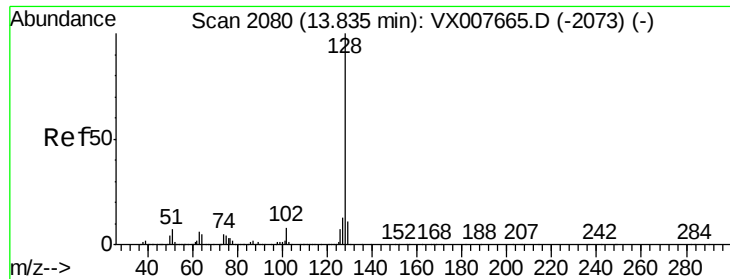
Tot Ion:180 Resp: 82438
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.3
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 25.559 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion:225 Resp: 44425
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 94.8
 227 63.3 32.1 96.3





#95

Naphthalene

Concen: 20.170 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

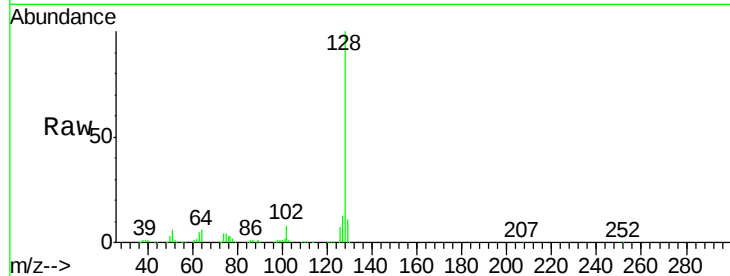
Tot Ion:128 Resp: 248285

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

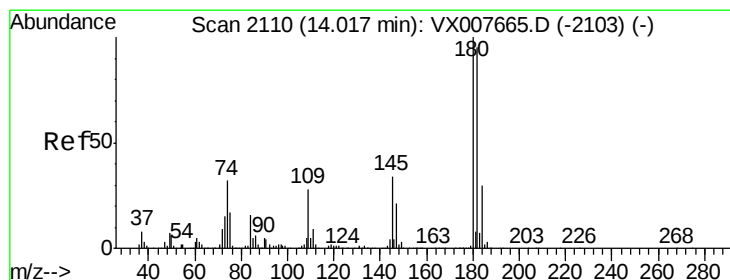
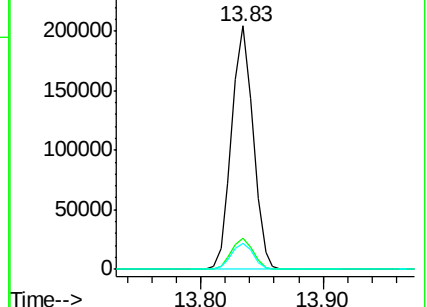
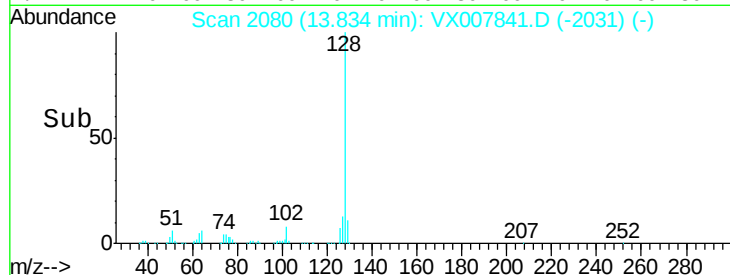
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.977 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

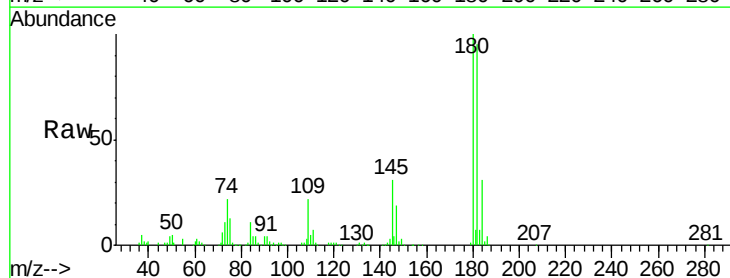
Tgt Ion:180 Resp: 83846

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.6

145 29.8 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

