

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007848.D
 Acq On : 05 Mar 2019 20:08
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Quant Time: Mar 06 00:14:19 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	287657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151288	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	5.50	113	134957	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	8.71	98	484918	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.13	95	172976	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40484	15.278	ug/l	98
3) Chloromethane	1.33	50	50066	17.050	ug/l	99
4) Vinyl Chloride	1.41	62	52784	17.521	ug/l #	86
5) Bromomethane	1.64	94	27791	13.510	ug/l	99
6) Chloroethane	1.73	64	125912	65.417	ug/l #	85
7) Trichlorofluoromethane	1.93	101	73355	15.883	ug/l	98
8) Diethyl Ether	2.19	74	32628	17.214	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44527	15.951	ug/l	99
10) Methyl Iodide	2.51	142	68456	19.695	ug/l	96
11) Tert butyl alcohol	3.07	59	67904	100.441	ug/l	100
12) 1,1-Dichloroethene	2.38	96	43124	17.139	ug/l	97
13) Acrolein	2.30	56	20489	34.106	ug/l	98
14) Allyl chloride	2.73	41	93318	20.057	ug/l	89
15) Acrylonitrile	3.15	53	154753	97.270	ug/l	100
16) Acetone	2.45	43	140592	88.727	ug/l	100
17) Carbon Disulfide	2.57	76	126537	18.076	ug/l	100
18) Methyl Acetate	2.78	43	77581	22.438	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	159143	18.162	ug/l	100
20) Methylene Chloride	2.86	84	49468	16.907	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	46058	16.837	ug/l	92
22) Diisopropyl ether	3.87	45	179799	18.564	ug/l	94
23) Vinyl Acetate	3.82	43	772114	90.865	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94112	17.880	ug/l	97
25) 2-Butanone	4.70	43	222609	92.229	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64432	15.335	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55875	16.053	ug/l	91
28) Bromochloromethane	5.03	49	50107	19.554	ug/l	86
29) Tetrahydrofuran	5.15	42	146004	91.767	ug/l	94
30) Chloroform	5.21	83	90893	16.121	ug/l	98
31) Cyclohexane	5.57	56	81571	16.475	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	76720	16.453	ug/l	98
36) 1,1-Dichloropropene	5.80	75	66016	17.377	ug/l	97
37) Ethyl Acetate	4.85	43	81289	19.262	ug/l	99
38) Carbon Tetrachloride	5.79	117	70514	18.478	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79275	16.511	ug/l	95
40) Benzene	6.15	78	207594	17.702	ug/l	98
41) Methacrylonitrile	5.06	41	45940	20.386	ug/l	95
42) 1,2-Dichloroethane	6.20	62	68578	17.398	ug/l	99
43) Isopropyl Acetate	6.46	43	126886	19.536	ug/l	98
44) Trichloroethene	7.21	130	55267	17.131	ug/l	95
45) 1,2-Dichloropropane	7.52	63	56186	18.495	ug/l	98
46) Dibromomethane	7.66	93	35568	16.782	ug/l	98
47) Bromodichloromethane	7.90	83	72244	19.670	ug/l	98
48) Methyl methacrylate	7.77	41	64574	18.967	ug/l	90
49) 1,4-Dioxane	7.75	88	27485	373.776	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	416884	95.888	ug/l	100
52) Toluene	8.79	92	126982	17.171	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74707	18.247	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	83413	18.715	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	53930	17.488	ug/l	97
56) Ethyl methacrylate	9.18	69	78293	17.853	ug/l	93
57) 1,3-Dichloropropane	9.37	76	88825	17.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	210429	87.014	ug/l	96
59) 2-Hexanone	9.49	43	314637	92.180	ug/l	100
60) Dibromochloromethane	9.58	129	60607	20.425	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56231	17.562	ug/l	99
64) Tetrachloroethene	9.34	164	49189	16.456	ug/l	97
65) Chlorobenzene	10.14	112	138885	17.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54448	19.601	ug/l	99
67) Ethyl Benzene	10.25	91	232482	17.623	ug/l	99
68) m/p-Xylenes	10.36	106	180090	35.092	ug/l	98
69) o-Xylene	10.70	106	86590	17.541	ug/l	96
70) Styrene	10.71	104	140913	17.367	ug/l	99
71) Bromoform	10.85	173	49248	23.643	ug/l	99
73) Isopropylbenzene	11.02	105	233515	17.527	ug/l	100
74) N-amyl acetate	10.90	43	107623	18.602	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82750	17.958	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	93103	23.432	ug/l	80
77) Bromobenzene	11.26	156	62970	18.844	ug/l	95
78) n-propylbenzene	11.36	91	260404	17.297	ug/l	98
79) 2-Chlorotoluene	11.42	91	154938	17.092	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	192046	17.524	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24027	18.238	ug/l	96
82) 4-Chlorotoluene	11.51	91	178417	16.825	ug/l	98
83) tert-Butylbenzene	11.77	119	203502	19.341	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	197225	17.594	ug/l	98
85) sec-Butylbenzene	11.94	105	229492	17.405	ug/l	98
86) p-Isopropyltoluene	12.06	119	206182	17.856	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	109319	17.637	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	109143	17.193	ug/l	99
89) n-Butylbenzene	12.39	91	167070	16.224	ug/l	99
90) Hexachloroethane	12.60	117	37345	19.195	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	109922	17.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17482	17.412	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

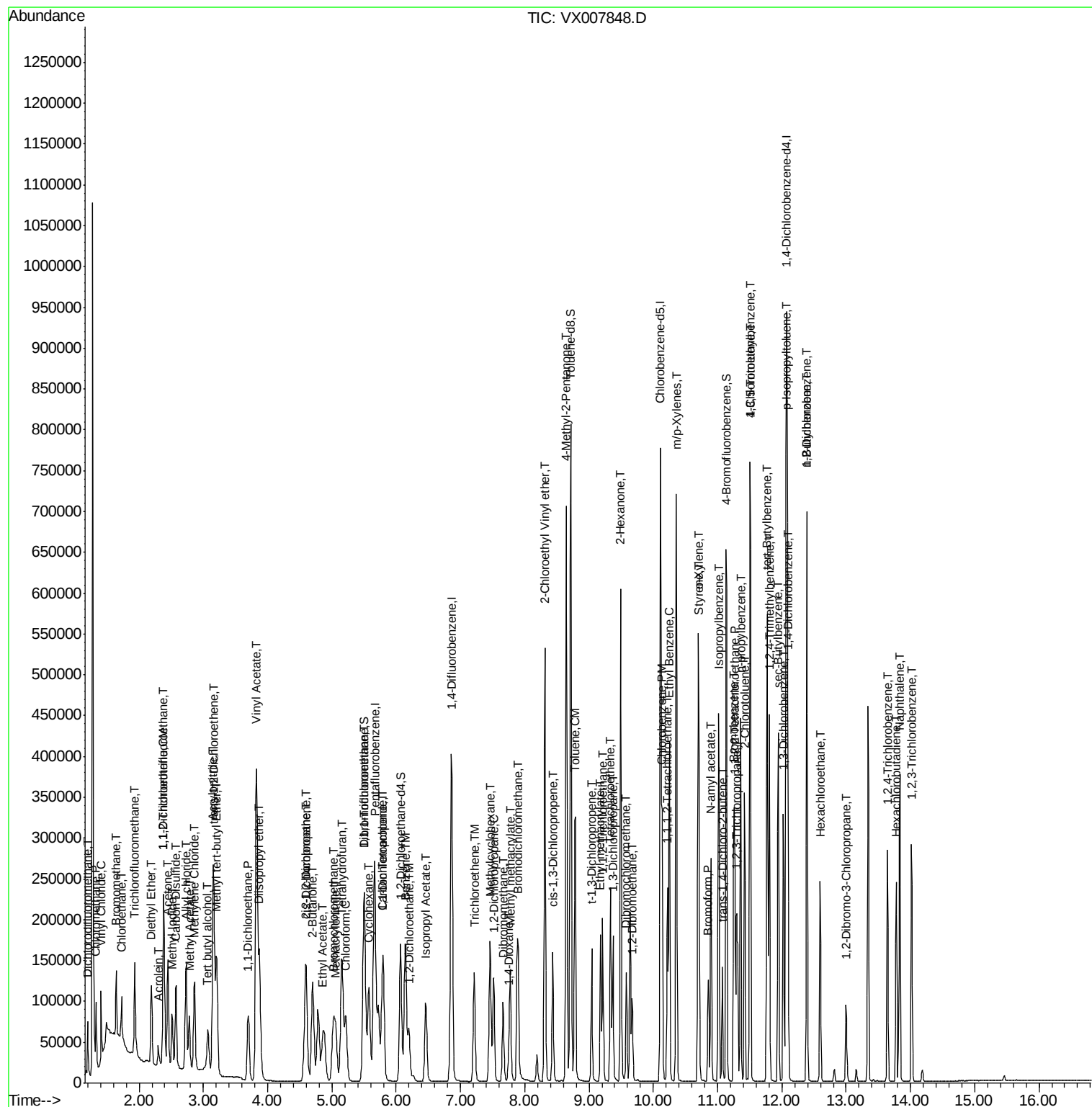
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75672	19.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	40505	23.388	ug/l	98
95) Naphthalene	13.83	128	227880	18.579	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	76299	20.072	ug/l	99

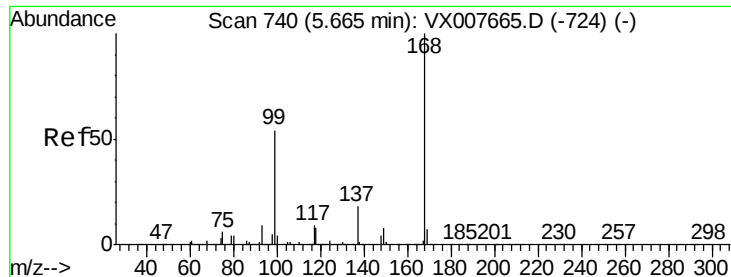
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

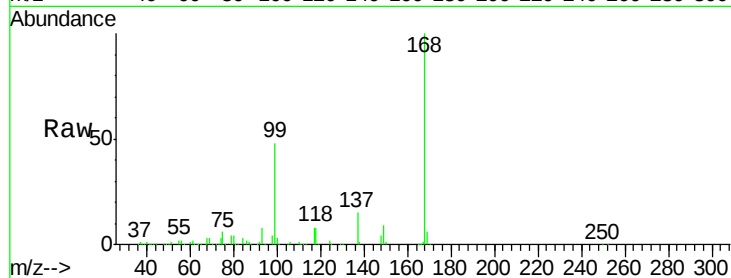
VX0305WBSD01

Tot Ion:168 Resp: 287657

Ion Ratio Lower Upper

168 100

99 47.9 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

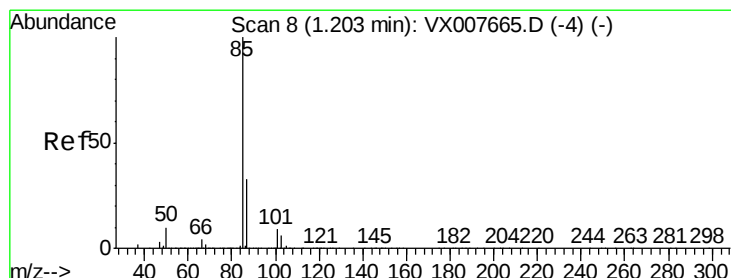
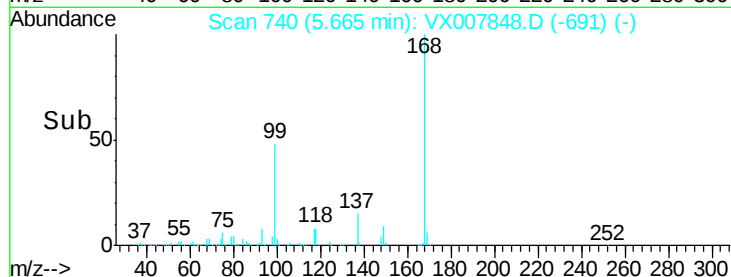
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.278 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007848.D

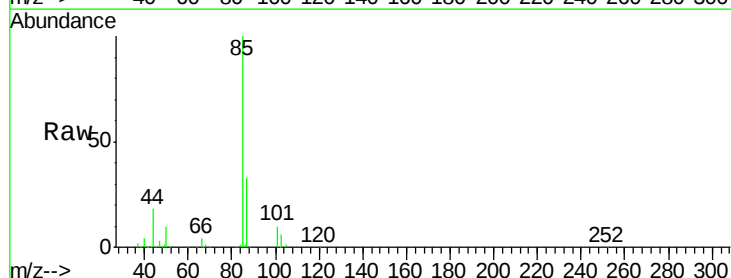
Acq: 05 Mar 2019 20:08

Tgt Ion: 85 Resp: 40484

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

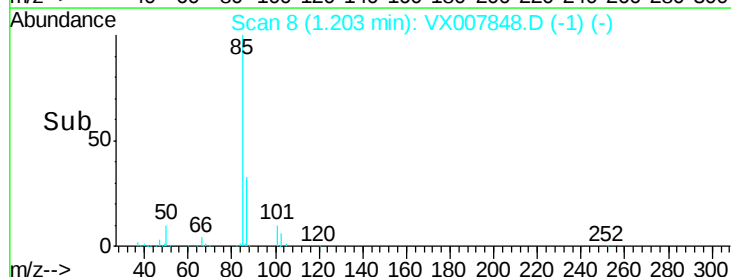
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.050 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

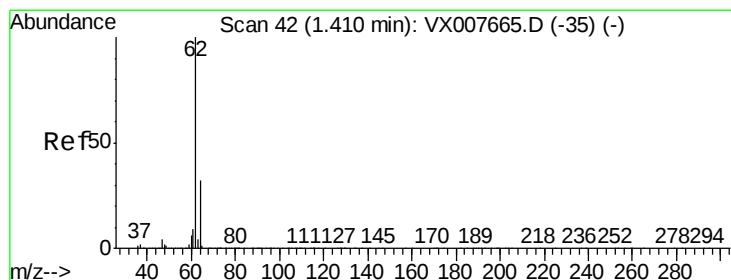
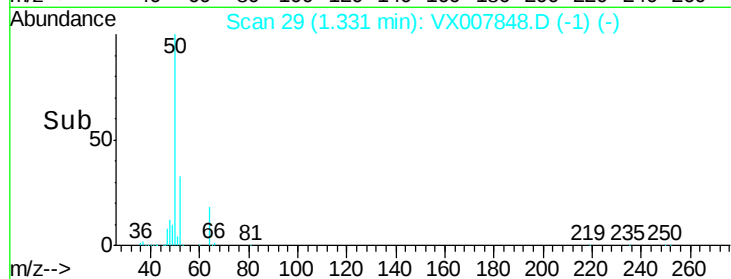
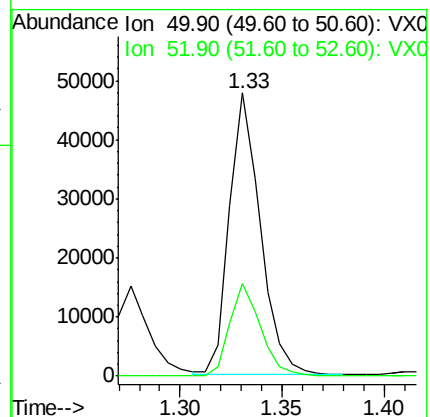
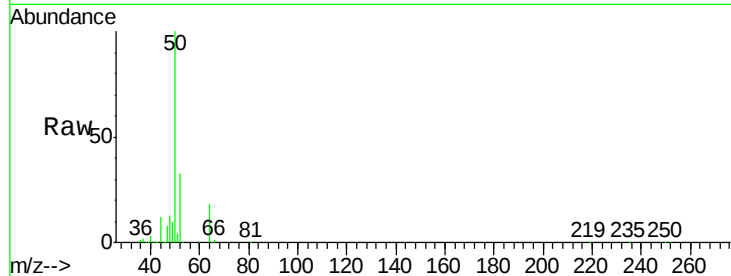
VX0305WBSD01

Tot Ion: 50 Resp: 50066

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 17.521 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007848.D

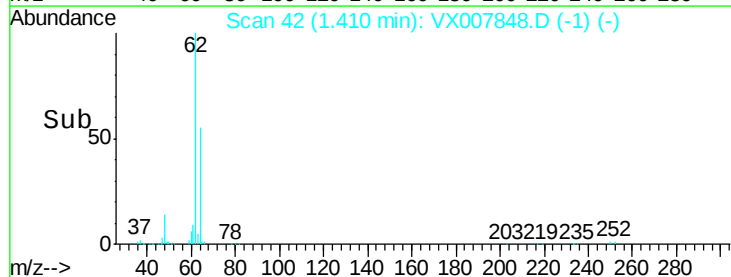
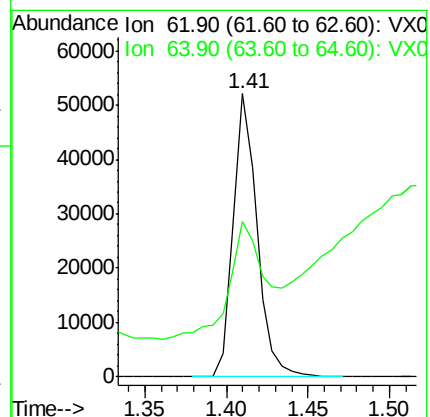
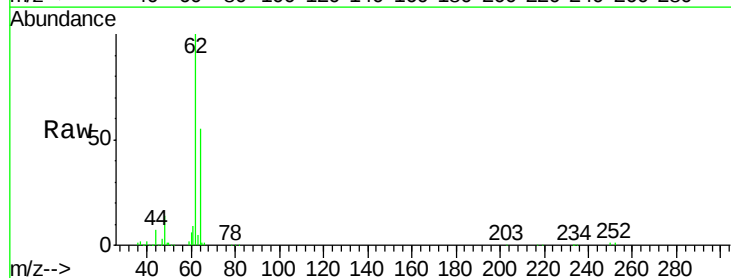
Acq: 05 Mar 2019 20:08

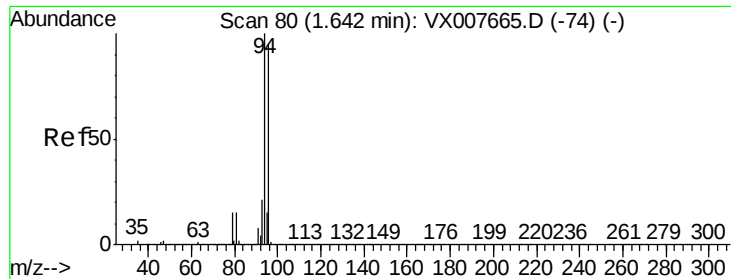
Tgt Ion: 62 Resp: 52784

Ion Ratio Lower Upper

62 100

64 39.4 25.4 38.0#





#5

Bromomethane

Concen: 13.510 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

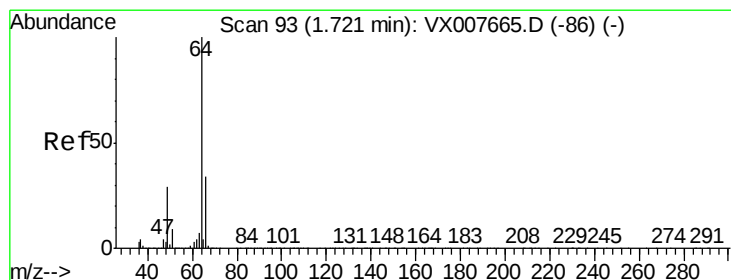
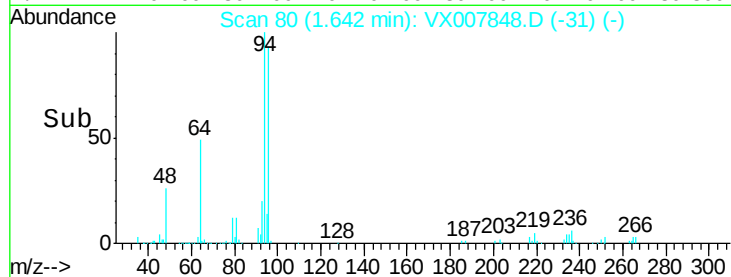
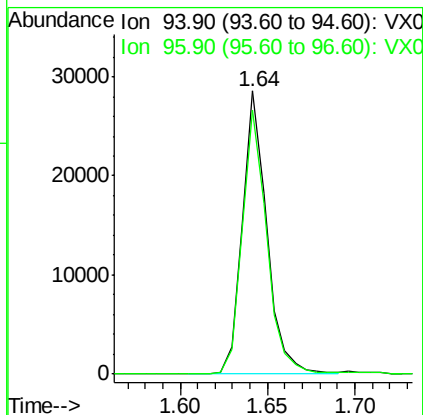
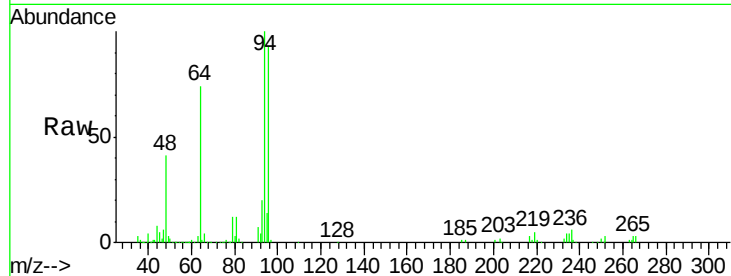
VX0305WBSD01

Tot Ion: 94 Resp: 27791

Ion Ratio Lower Upper

94 100

96 93.1 73.9 110.9



#6

Chloroethane

Concen: 65.417 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007848.D

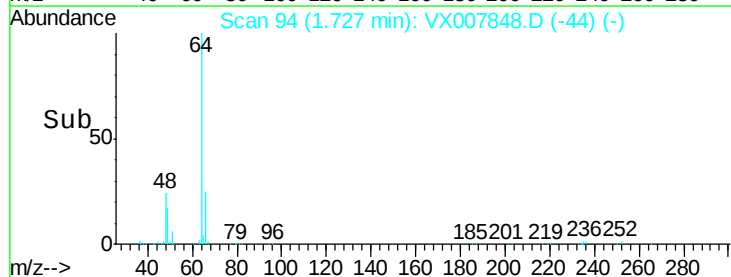
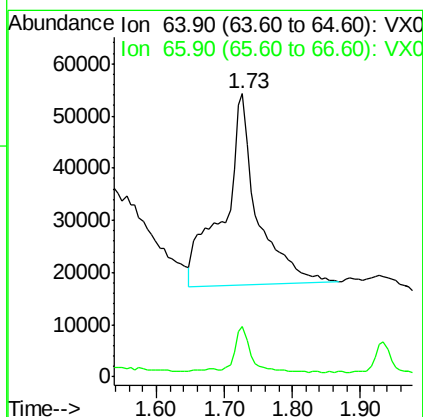
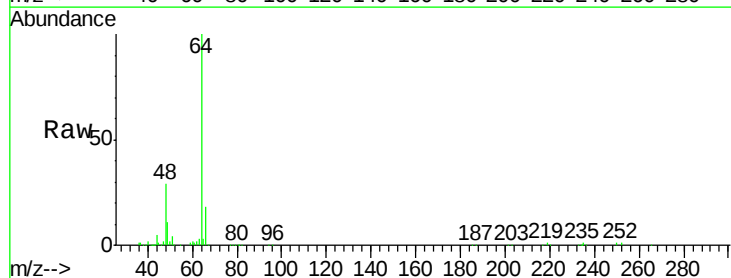
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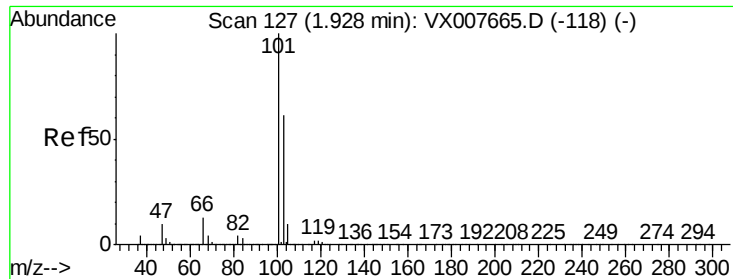
Tgt Ion: 64 Resp: 125912

Ion Ratio Lower Upper

64 100

66 23.7 25.5 38.3#



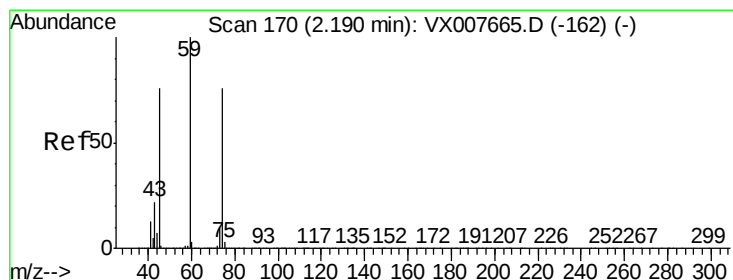
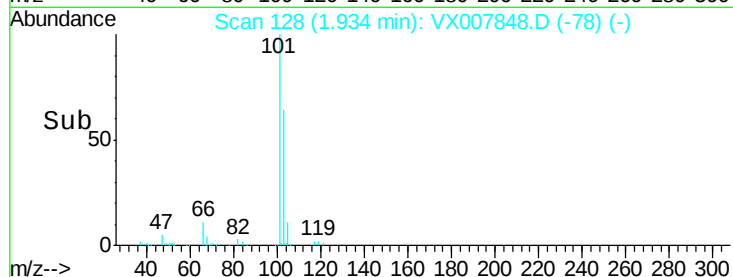
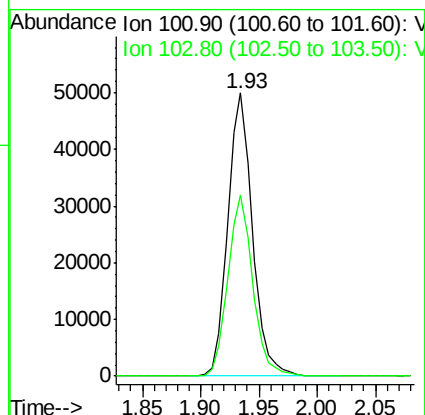
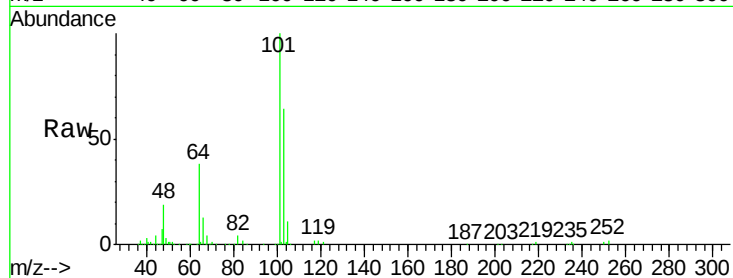


#7

Trichlorofluoromethane
Concen: 15.883 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
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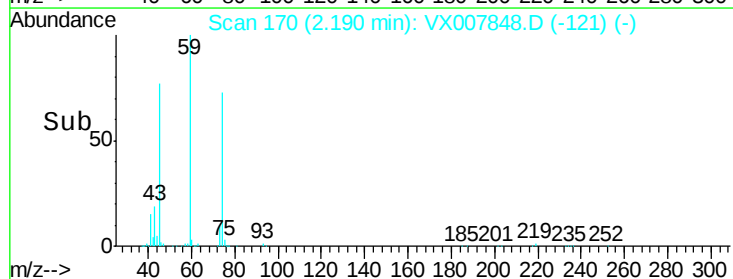
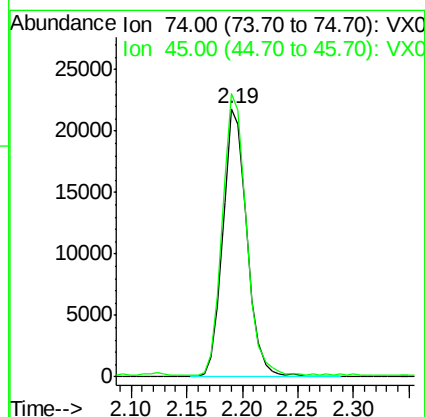
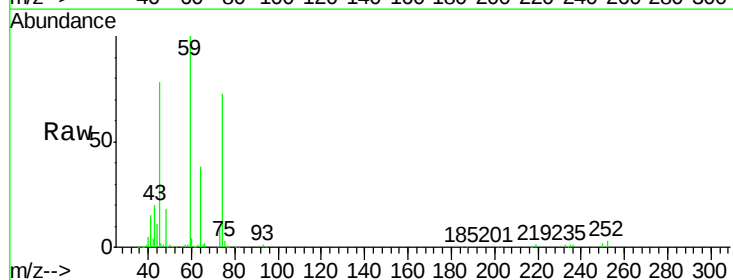
Tot Ion:101 Resp: 73355
Ion Ratio Lower Upper
101 100
103 64.0 52.6 79.0



#8

Diethyl Ether
Concen: 17.214 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 74 Resp: 32628
Ion Ratio Lower Upper
74 100
45 104.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.951 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

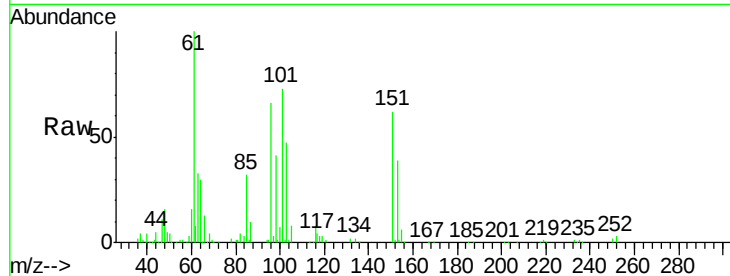
Tot Ion:101 Resp: 44527

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

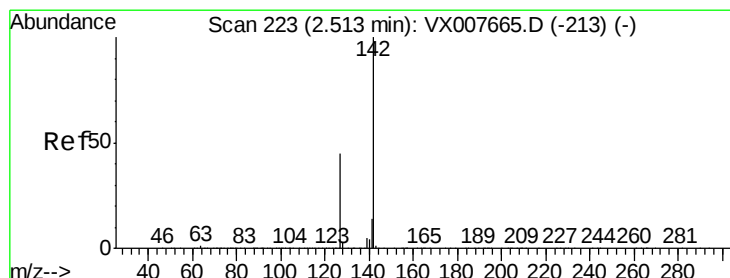
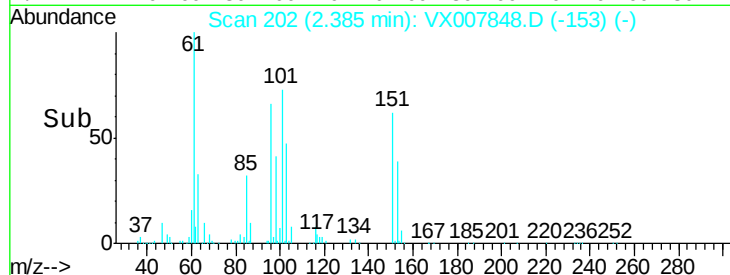
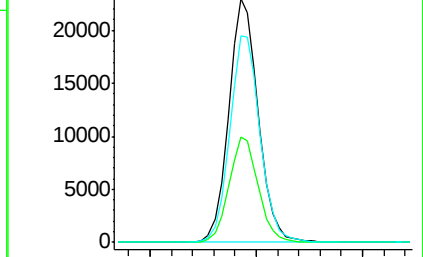
151 86.9 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.695 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

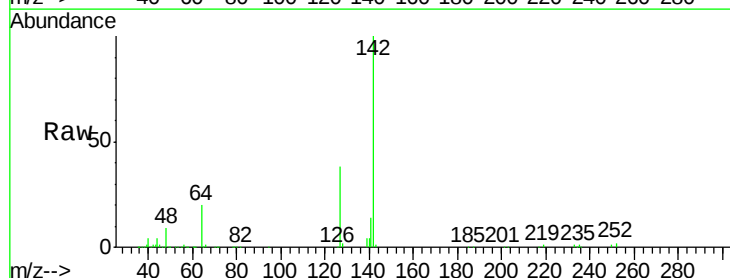
Tgt Ion:142 Resp: 68456

Ion Ratio Lower Upper

142 100

127 38.8 33.7 50.5

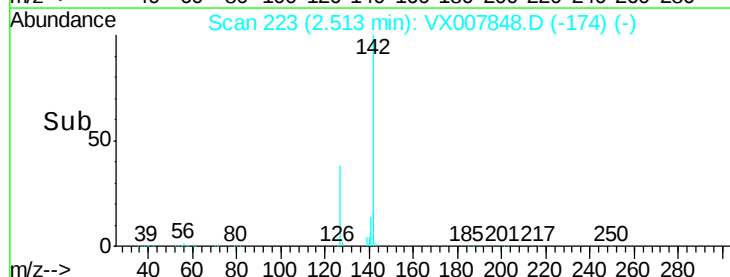
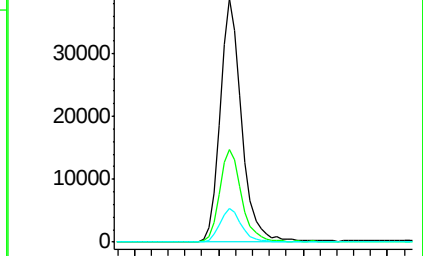
141 14.0 11.3 16.9

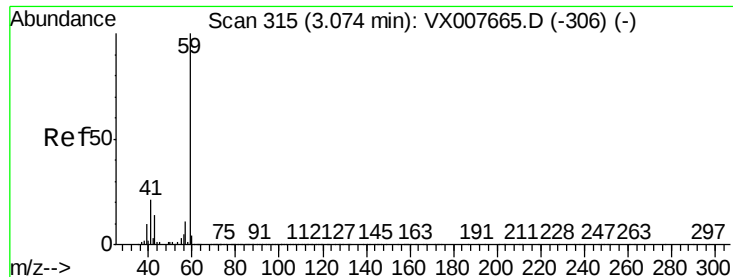


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

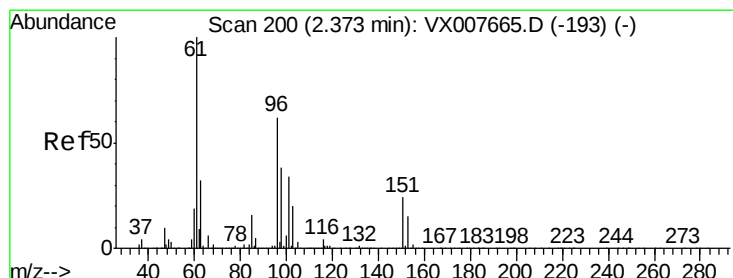
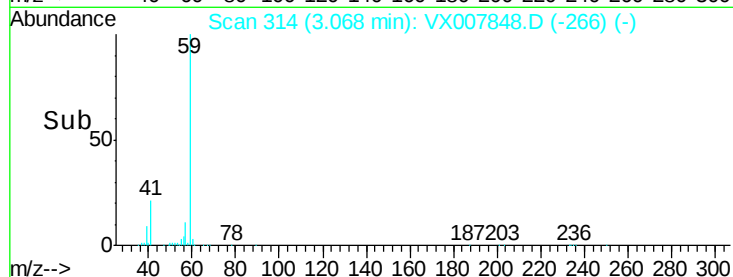
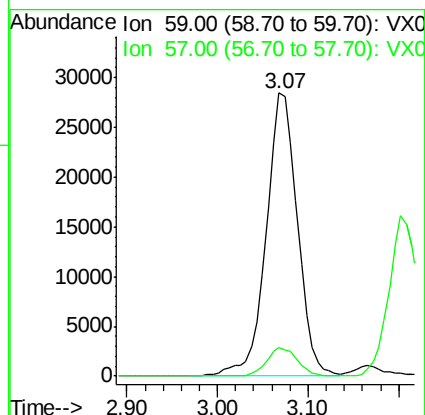
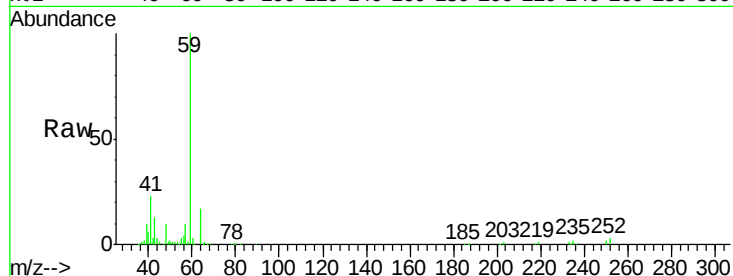




#11
Tert butyl alcohol
Concen: 100.441 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

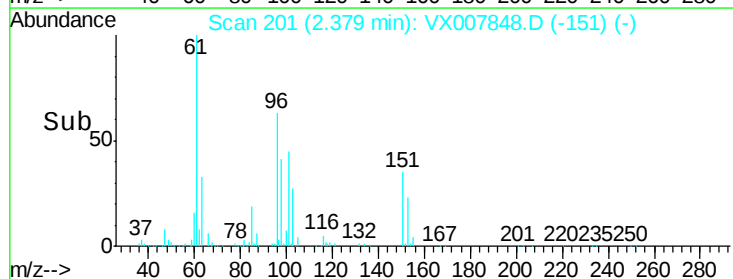
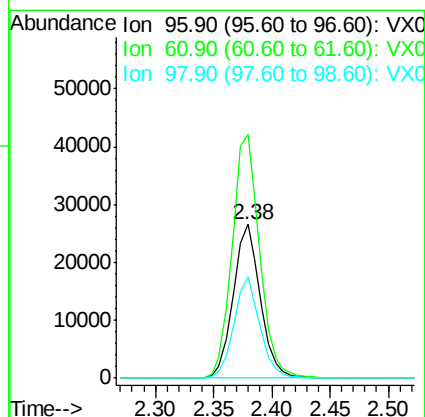
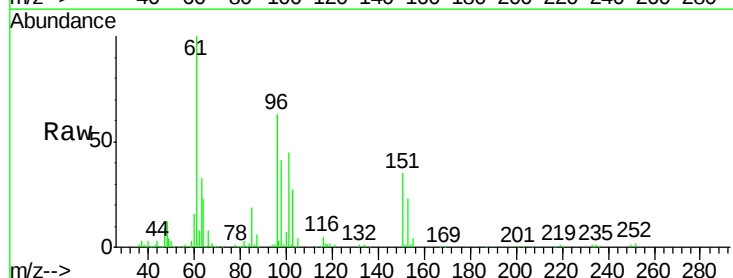
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

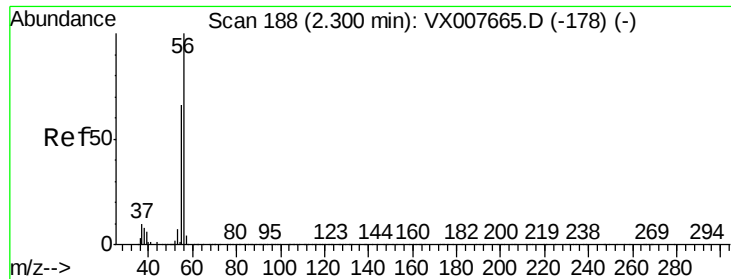
Tot Ion: 59 Resp: 67904
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 17.139 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 96 Resp: 43124
Ion Ratio Lower Upper
96 100
61 158.5 123.0 184.4
98 65.7 50.9 76.3





#13

Acrolein

Concen: 34.106 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

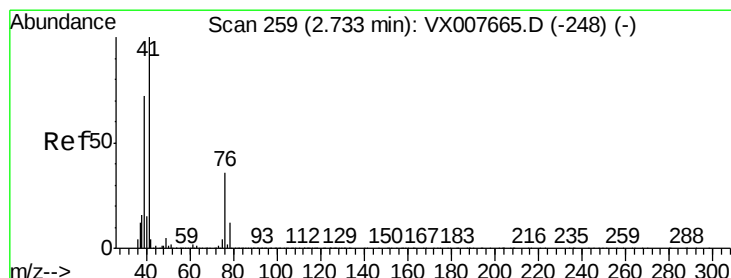
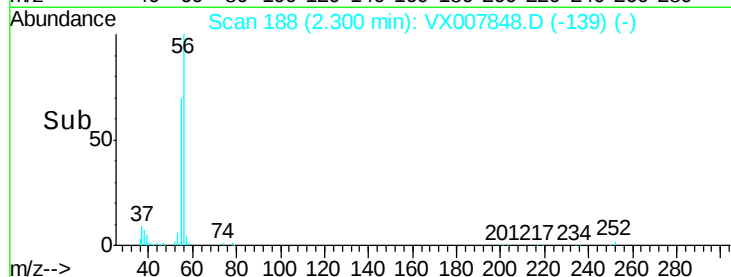
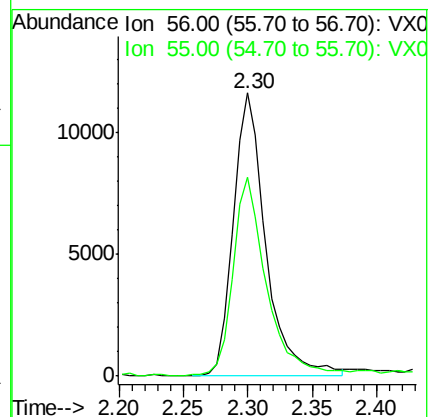
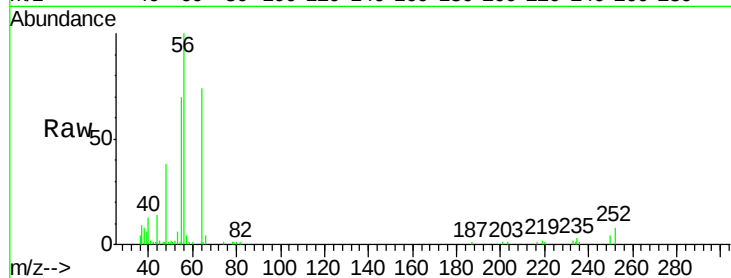
VX0305WBSD01

Tot Ion: 56 Resp: 20489

Ion Ratio Lower Upper

56 100

55 72.9 56.9 85.3



#14

Allyl chloride

Concen: 20.057 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

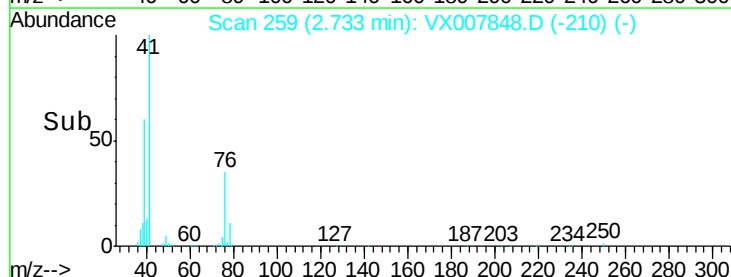
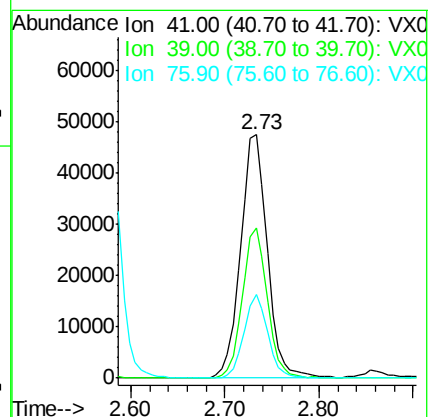
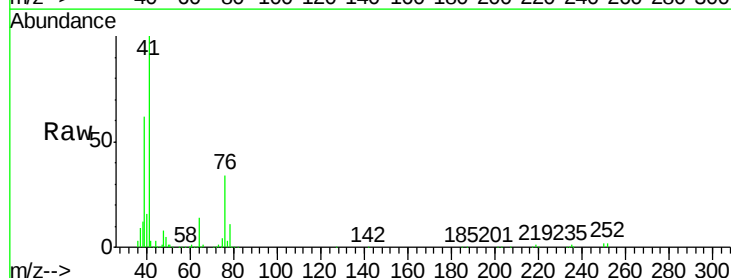
Tgt Ion: 41 Resp: 93318

Ion Ratio Lower Upper

41 100

39 57.4 54.1 81.1

76 30.5 27.8 41.8





#15

Acrylonitrile

Concen: 97.270 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

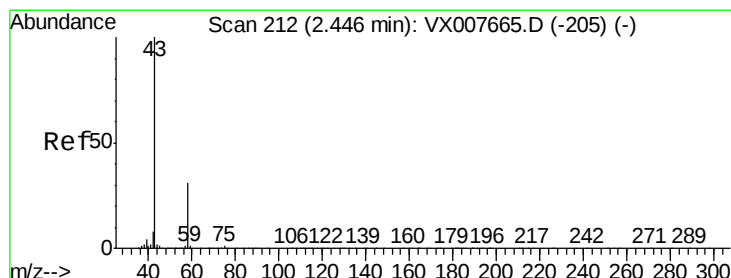
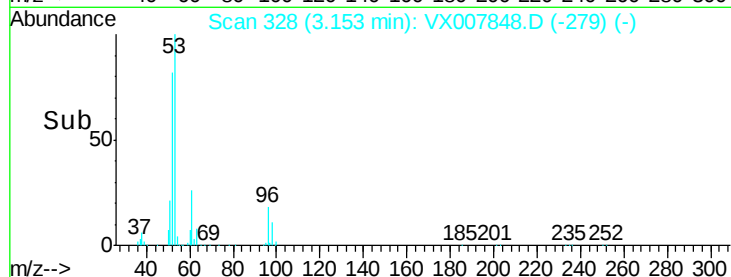
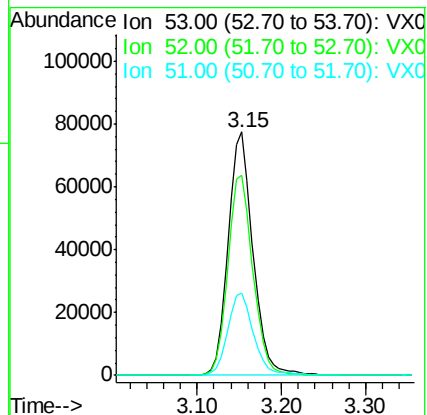
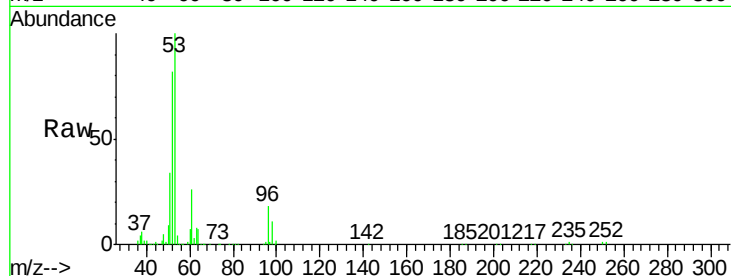
Tot Ion: 53 Resp: 154753

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 35.5 28.4 42.6



#16

Acetone

Concen: 88.727 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007848.D

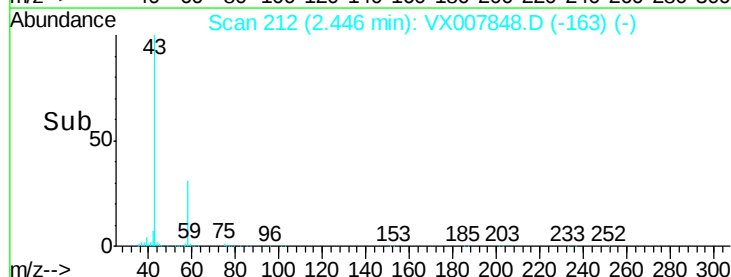
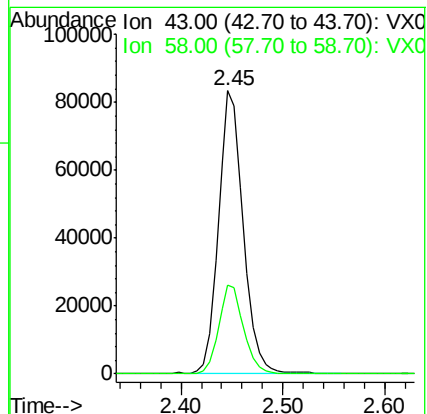
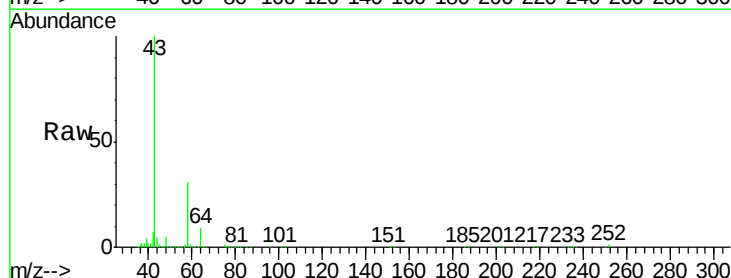
Acq: 05 Mar 2019 20:08

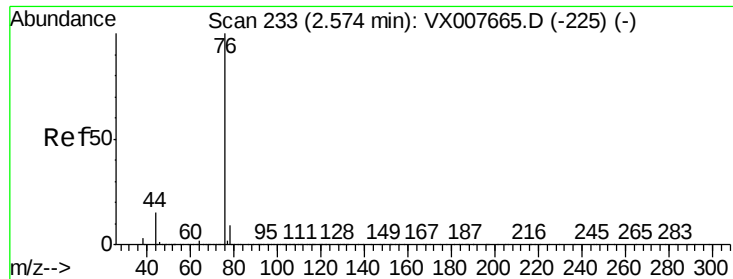
Tgt Ion: 43 Resp: 140592

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3





#17

Carbon Disulfide

Concen: 18.076 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

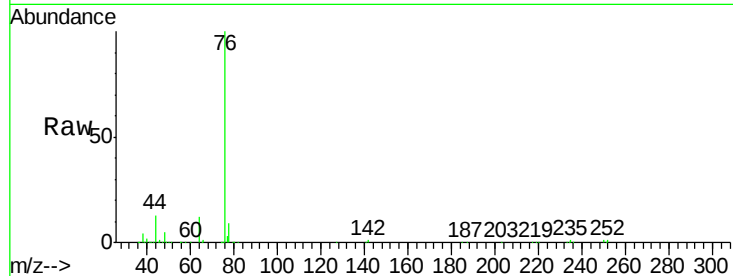
VX0305WBSD01

Tot Ion: 76 Resp: 126537

Ion Ratio Lower Upper

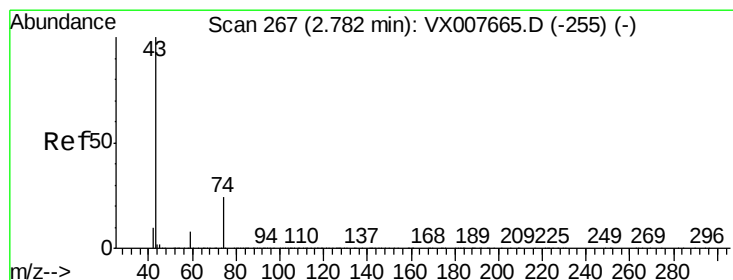
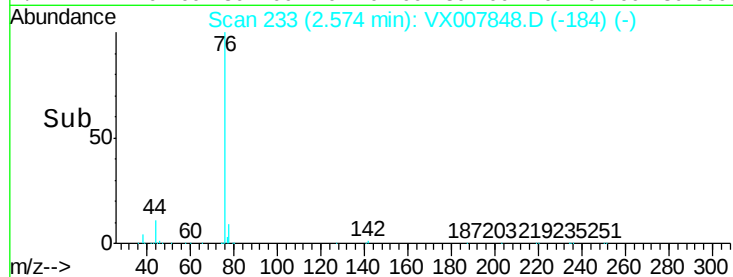
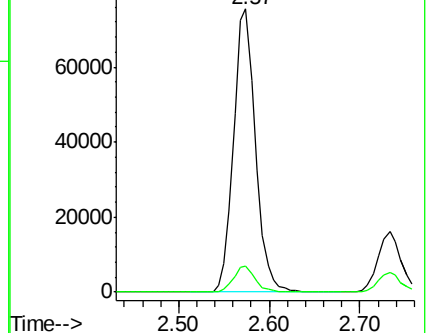
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.438 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007848.D

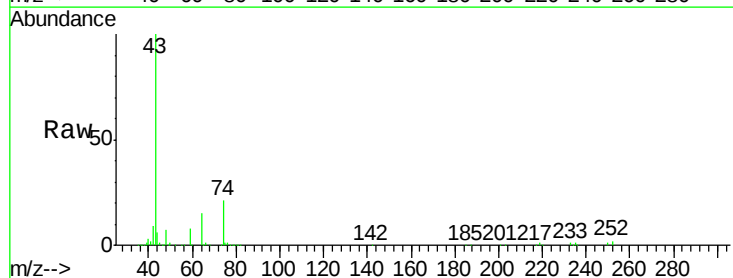
Acq: 05 Mar 2019 20:08

Tgt Ion: 43 Resp: 77581

Ion Ratio Lower Upper

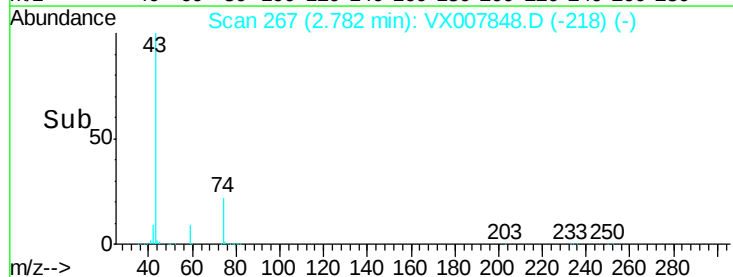
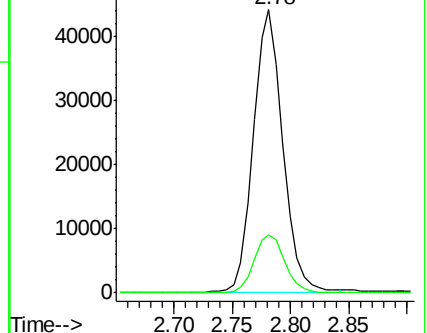
43 100

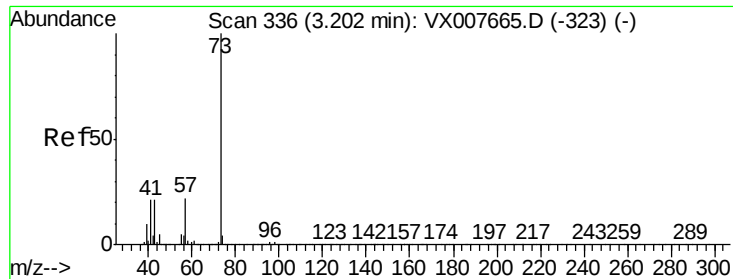
74 22.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

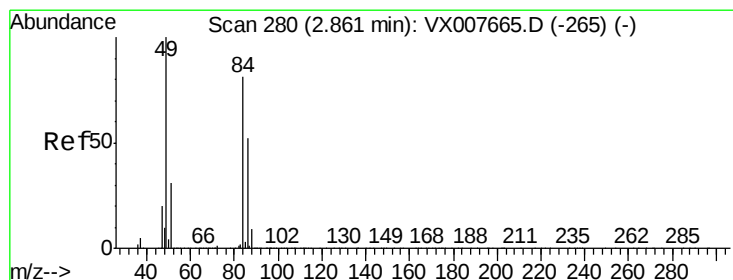
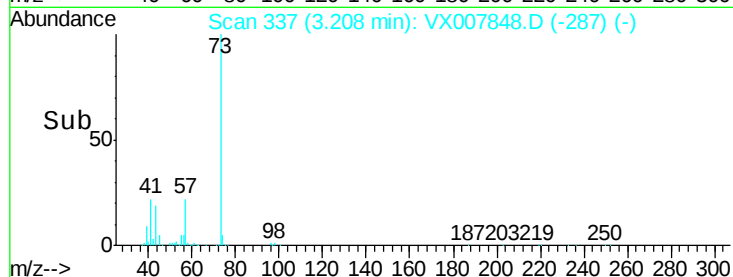
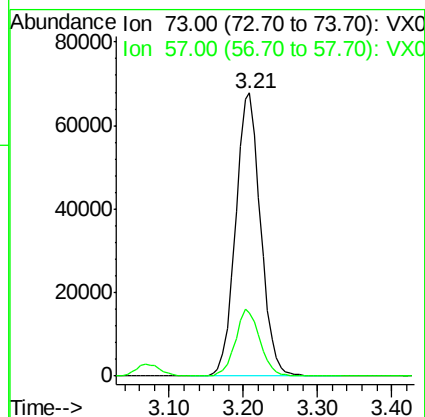
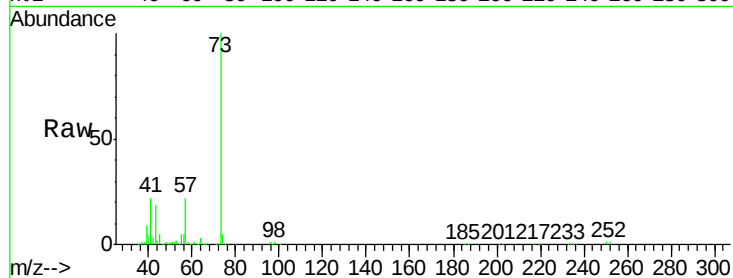




#19
Methyl tert-butyl Ether
Concen: 18.162 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

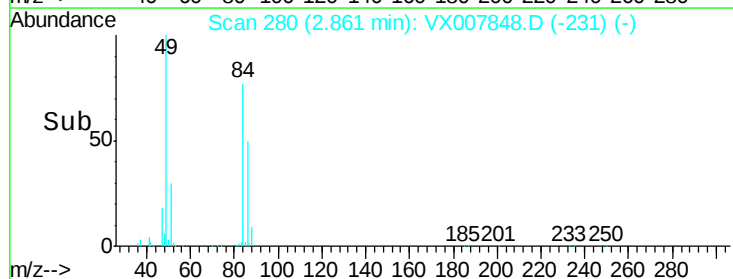
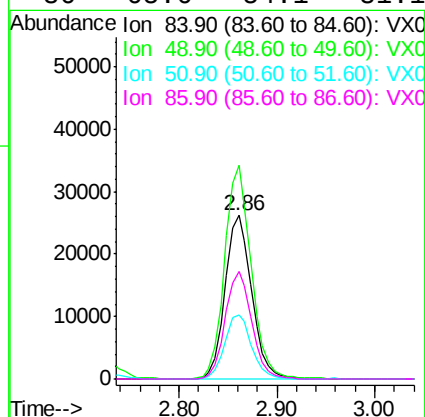
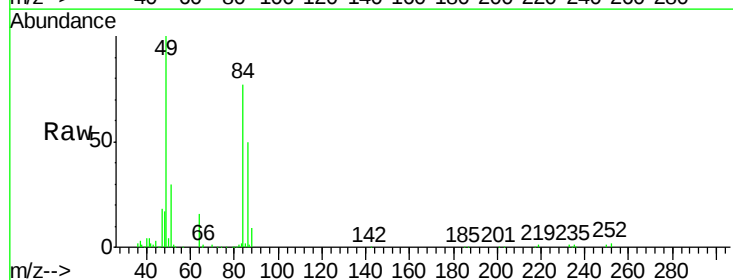
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 73 Resp: 159143
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 16.907 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 84 Resp: 49468
Ion Ratio Lower Upper
84 100
49 130.2 94.8 142.2
51 39.0 29.8 44.8
86 65.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 16.837 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

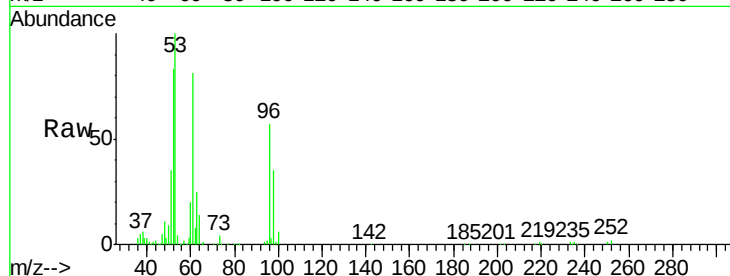
Tot Ion: 96 Resp: 46058

Ion Ratio Lower Upper

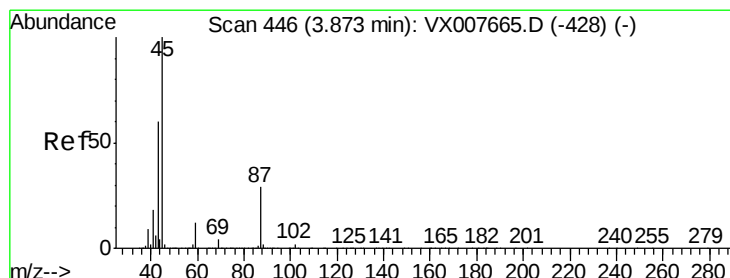
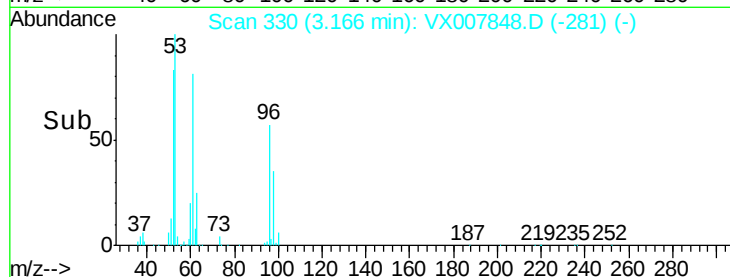
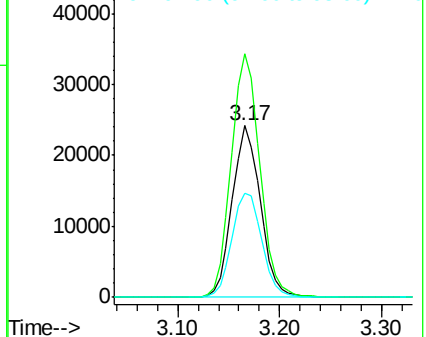
96 100

61 141.8 104.6 156.8

98 60.6 51.0 76.4



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



#22

Diisopropyl ether

Concen: 18.564 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion: 45 Resp: 179799

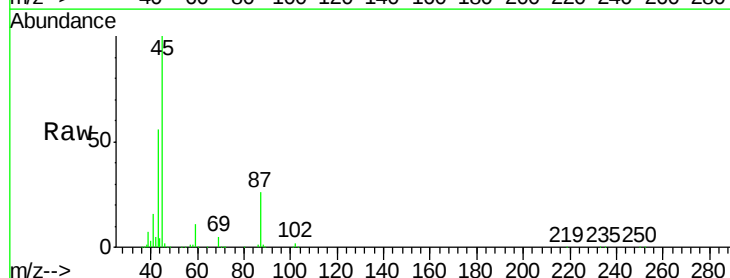
Ion Ratio Lower Upper

45 100

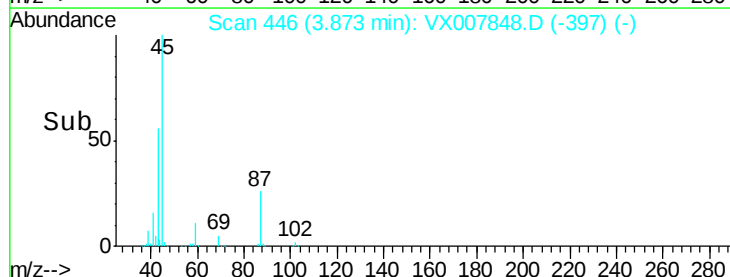
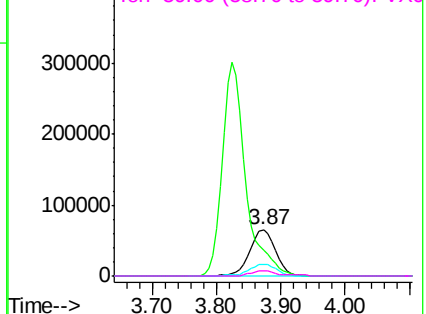
43 56.3 48.9 73.3

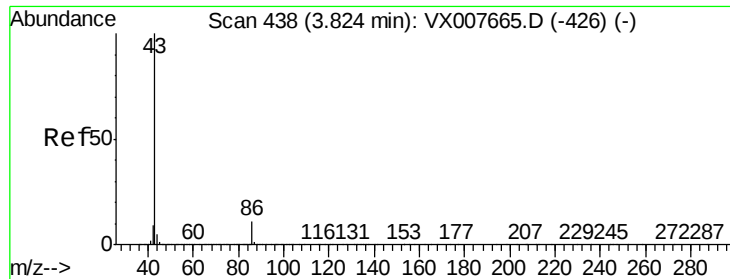
87 26.1 23.9 35.9

59 11.1 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.865 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

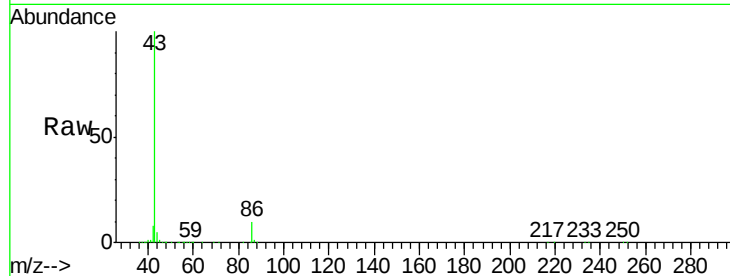
VX0305WBSD01

Tot Ion: 43 Resp: 772114

Ion Ratio Lower Upper

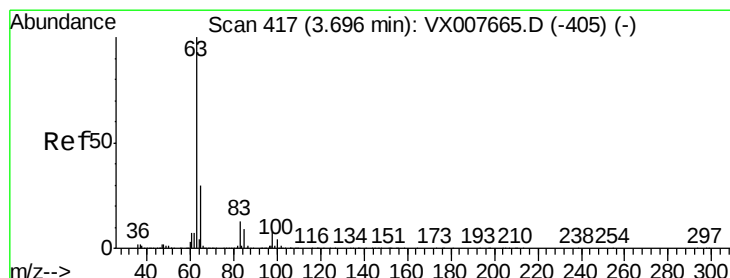
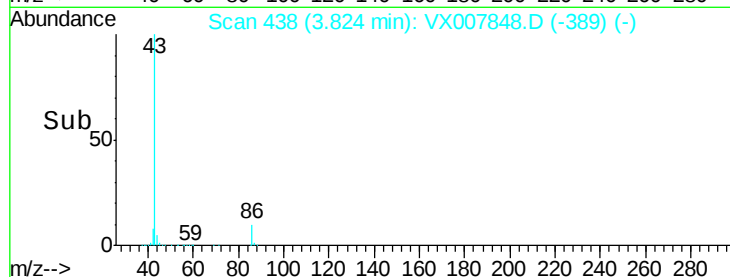
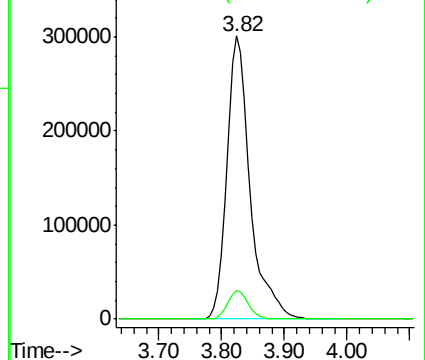
43 100

86 10.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.880 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

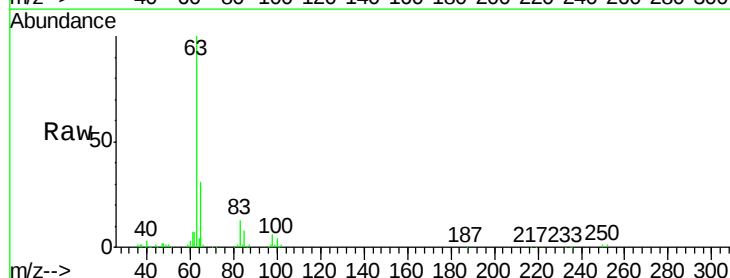
Tgt Ion: 63 Resp: 94112

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

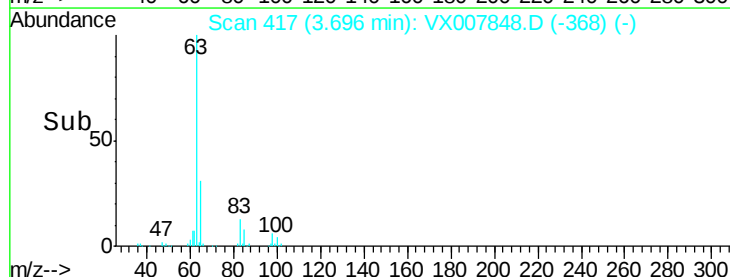
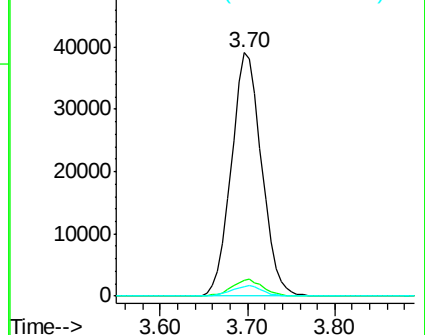
100 3.9 2.5 7.4

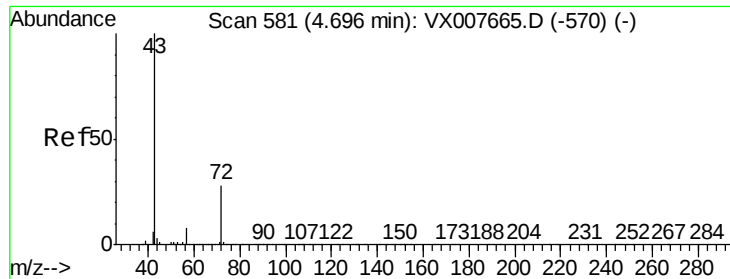


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

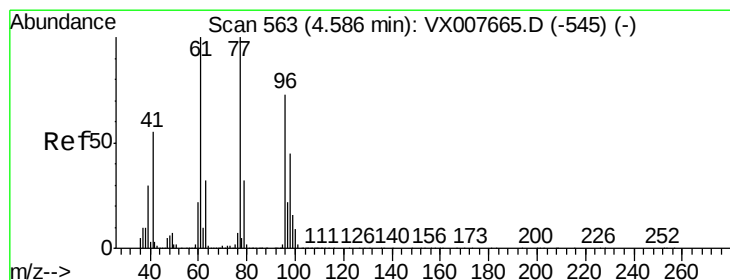
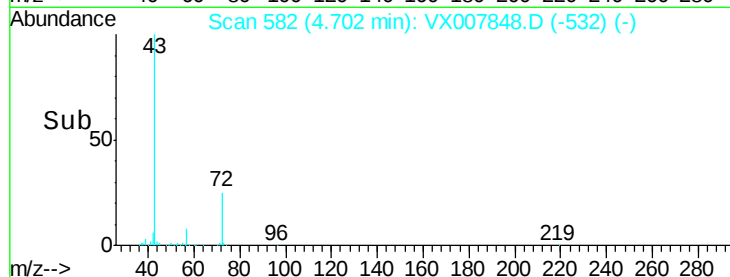
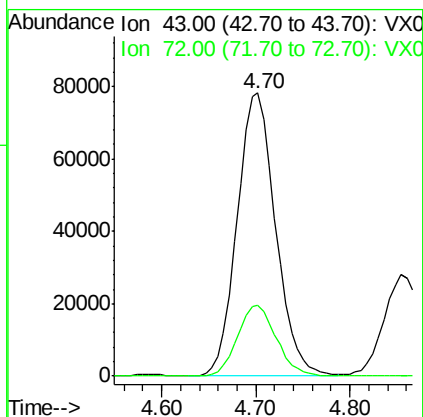
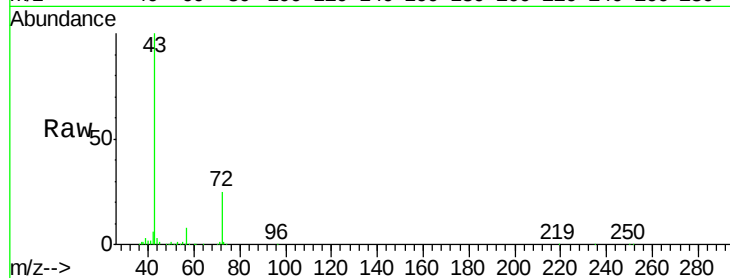




#25
2-Butanone
Concen: 92.229 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

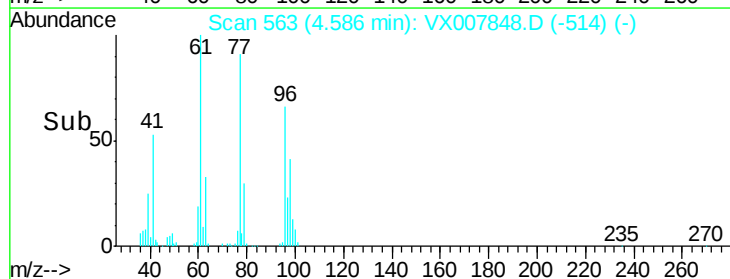
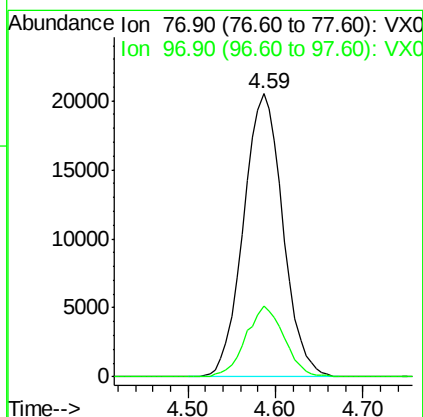
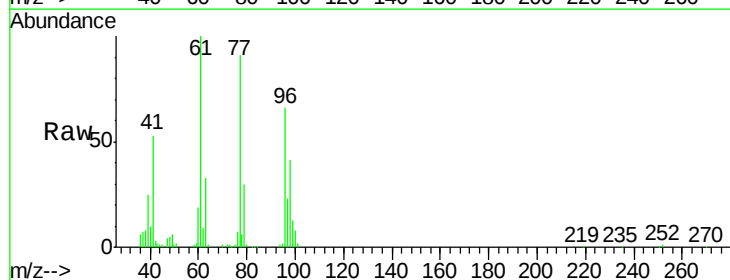
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

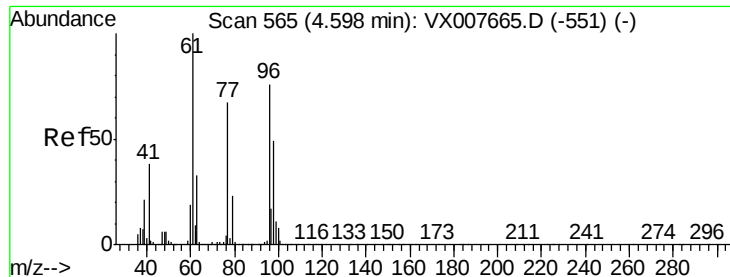
Tot Ion: 43 Resp: 222609
Ion Ratio Lower Upper
43 100
72 24.9 22.2 33.2



#26
2,2-Dichloropropane
Concen: 15.335 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 77 Resp: 64432
Ion Ratio Lower Upper
77 100
97 24.3 12.1 36.3



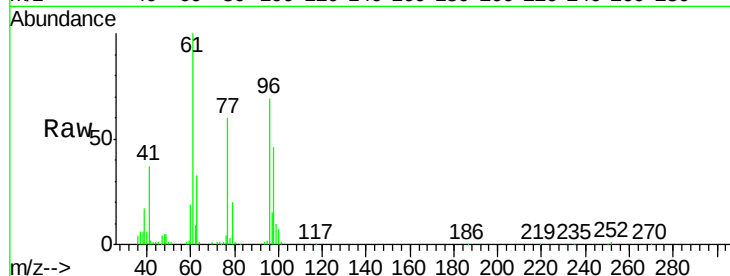


#27

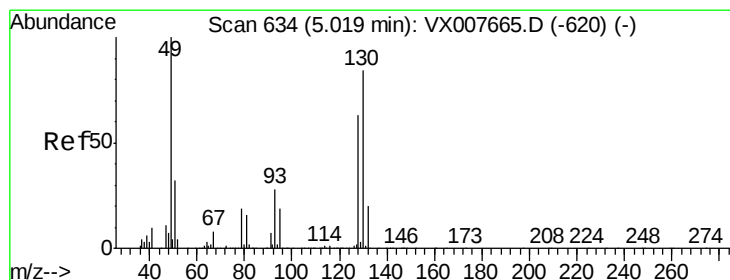
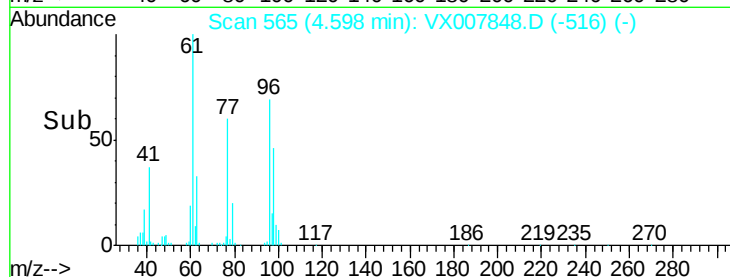
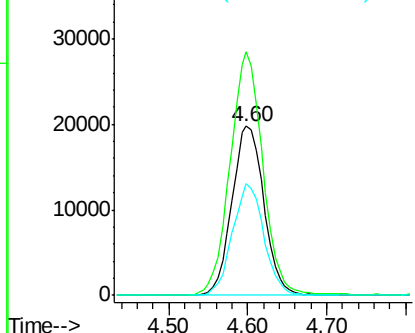
cis-1,2-Dichloroethene
Concen: 16.053 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 96 Resp: 55875
Ion Ratio Lower Upper
96 100
61 147.4 0.0 265.6
98 64.6 0.0 131.6



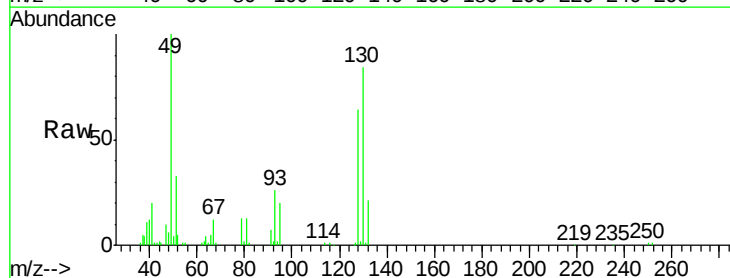
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



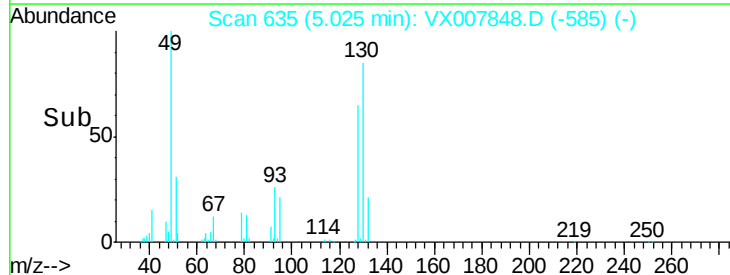
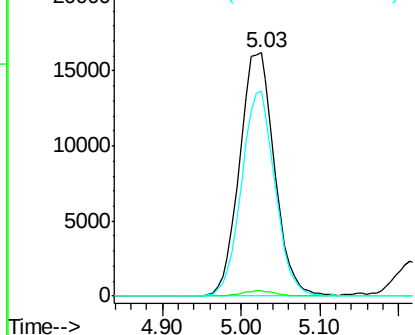
#28

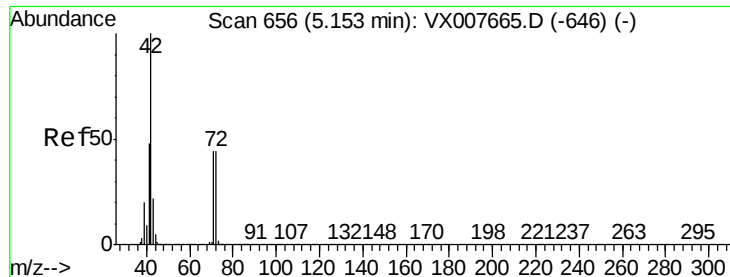
Bromochloromethane
Concen: 19.554 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 49 Resp: 50107
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.6
130 80.5 75.6 113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 91.767 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

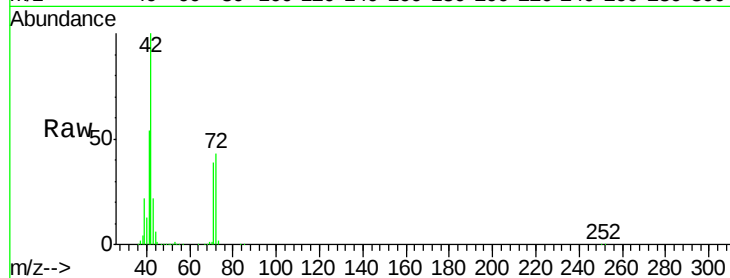
Tot Ion: 42 Resp: 146004

Ion Ratio Lower Upper

42 100

72 42.7 37.6 56.4

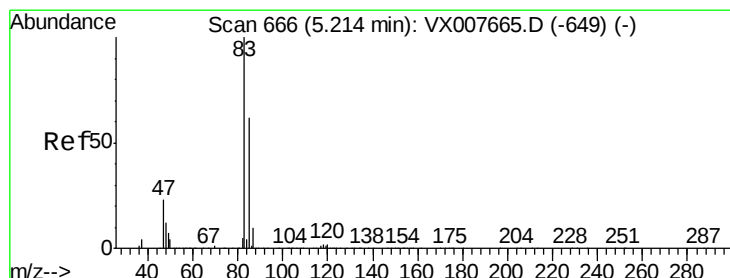
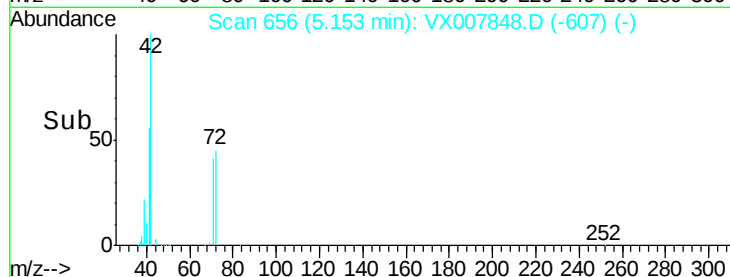
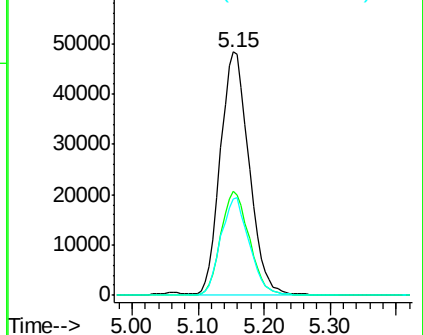
71 39.6 34.6 51.8



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: 16.121 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007848.D

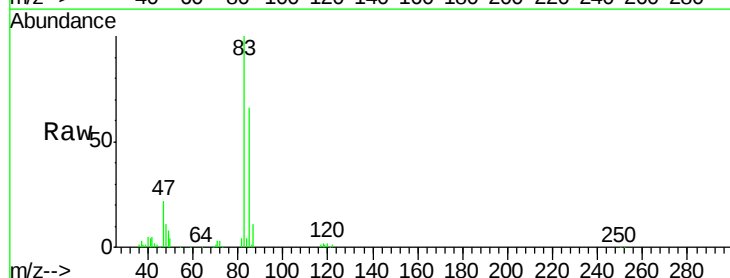
Acq: 05 Mar 2019 20:08

Tgt Ion: 83 Resp: 90893

Ion Ratio Lower Upper

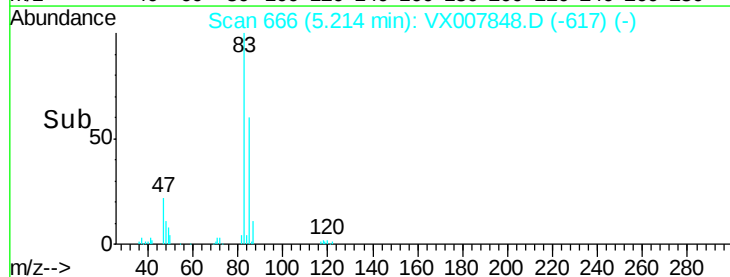
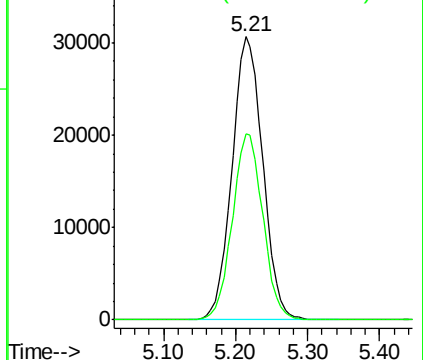
83 100

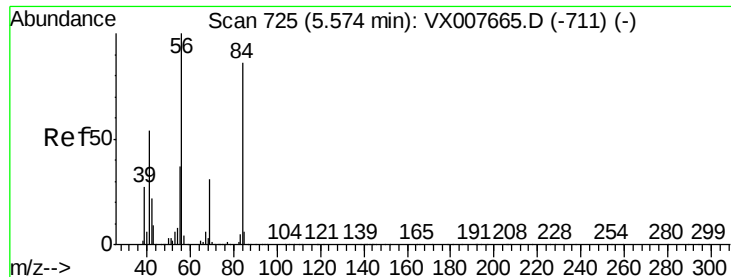
85 65.9 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

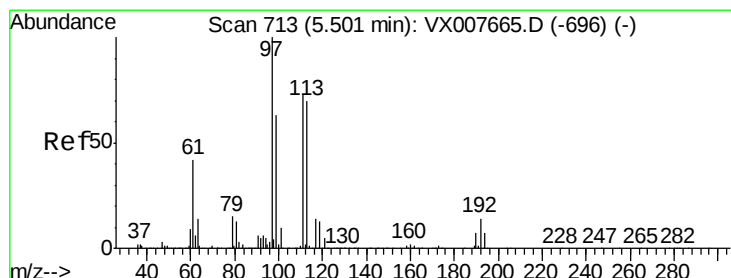
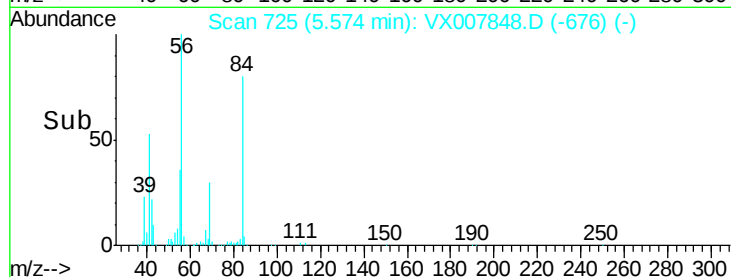
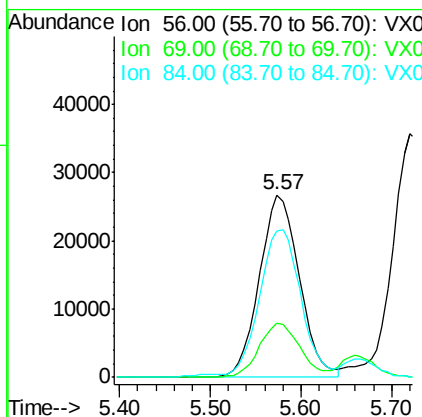
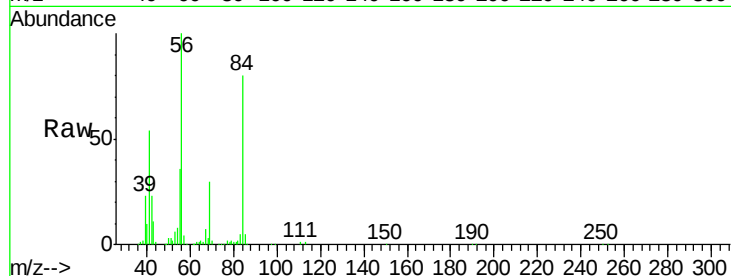




#31
Cyclohexane
Concen: 16.475 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

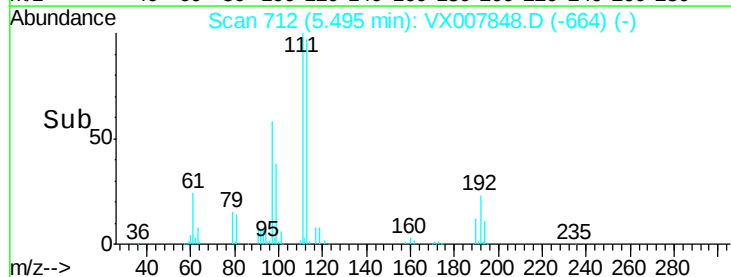
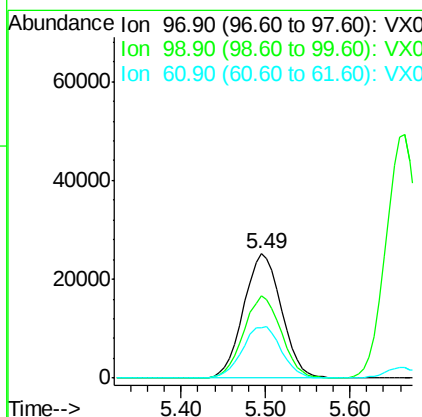
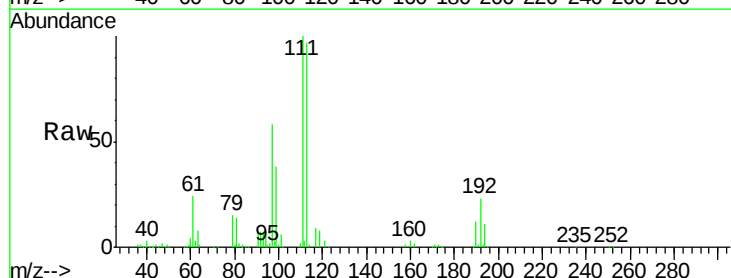
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

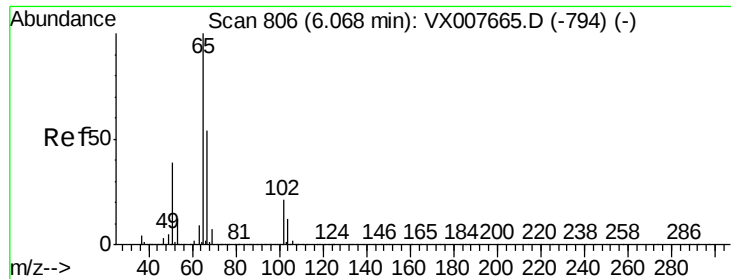
Tot Ion: 56 Resp: 81571
Ion Ratio Lower Upper
56 100
69 29.7 23.0 34.6
84 79.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 16.453 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 97 Resp: 76720
Ion Ratio Lower Upper
97 100
99 65.8 52.2 78.2
61 42.7 32.7 49.1

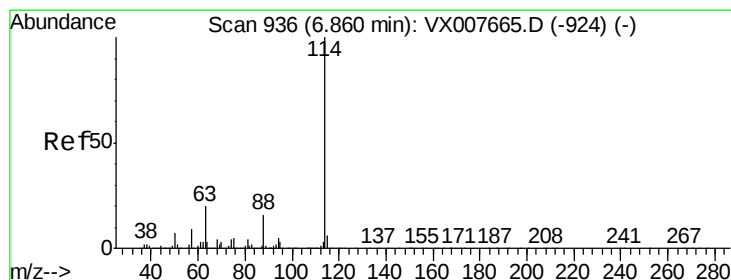
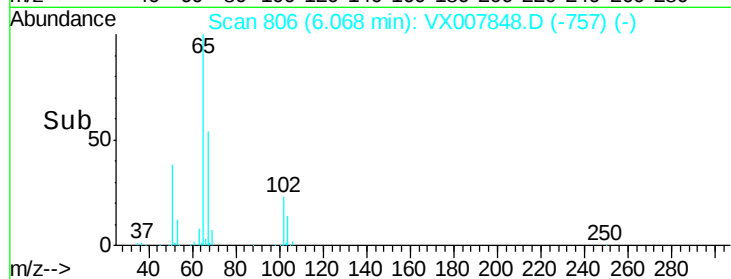
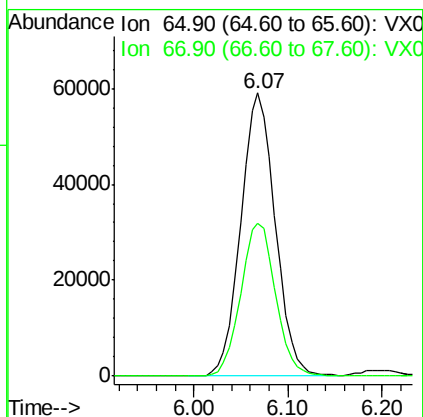
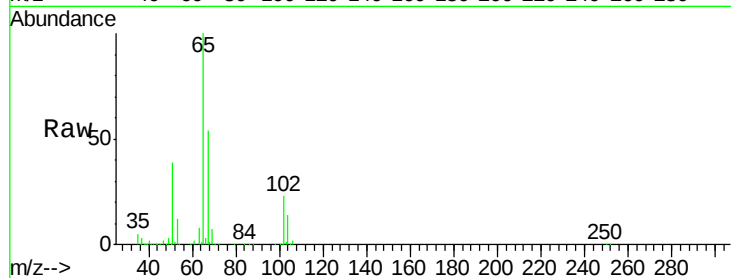




#33
 1,2-Dichloroethane-d4
 Concen: 42.459 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

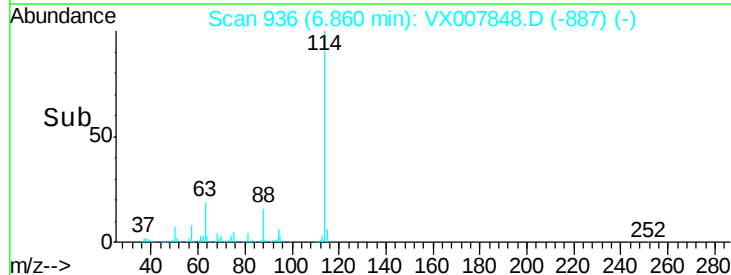
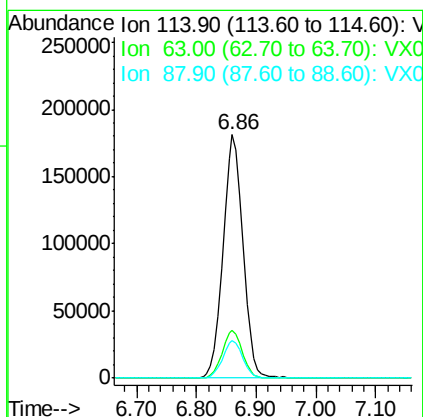
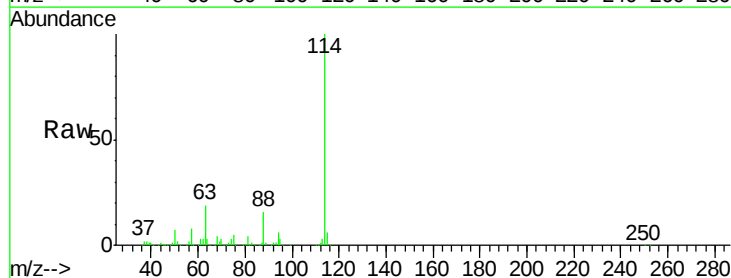
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

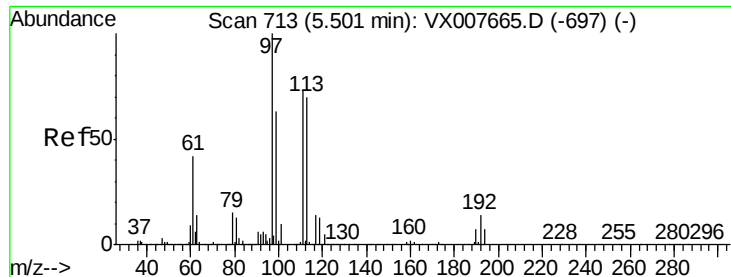
Tot Ion: 65 Resp: 151288
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion: 114 Resp: 422571
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 35.6
 88 15.5 0.0 29.6

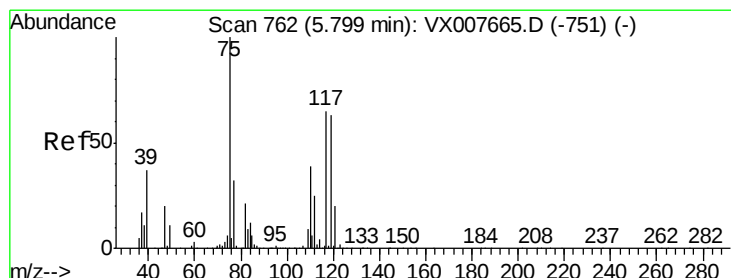
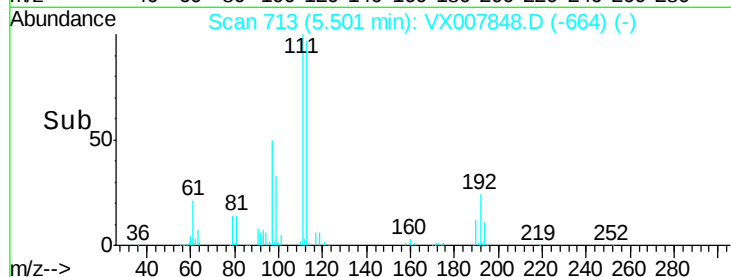
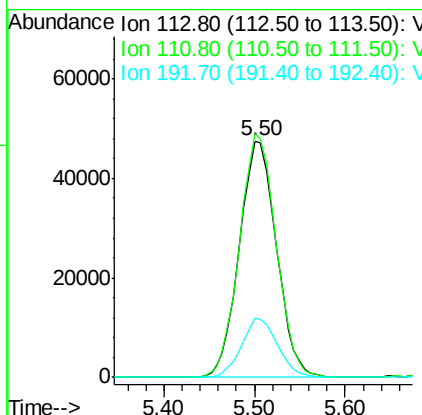
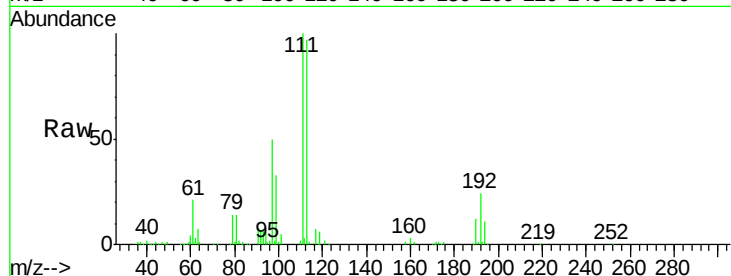




#35
 Dibromofluoromethane
 Concen: 47.777 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

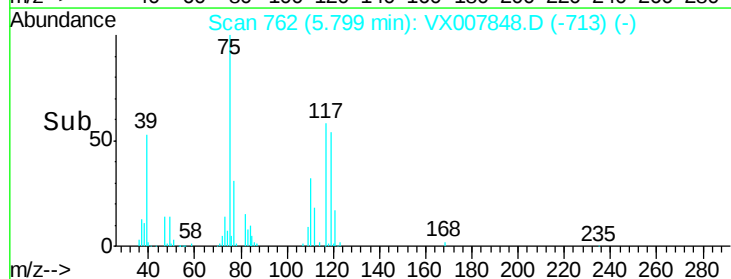
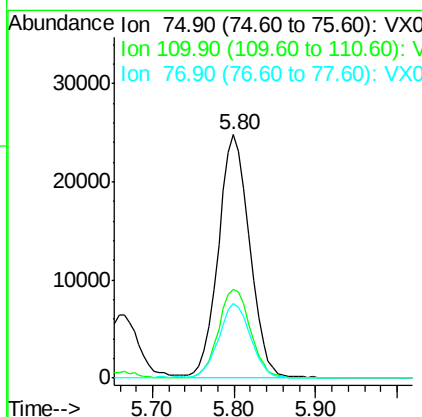
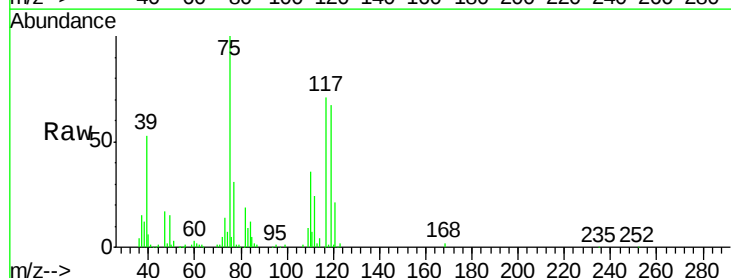
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	24.2	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 17.377 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	20.0	59.9
77	31.1	24.7	37.1

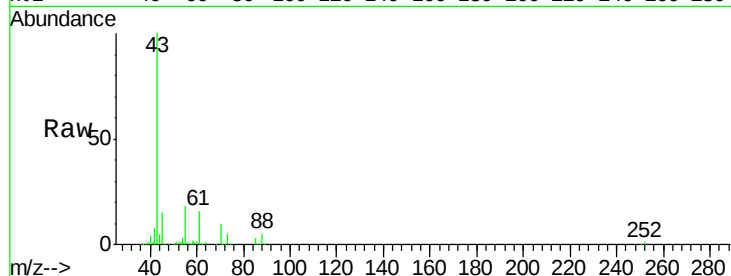




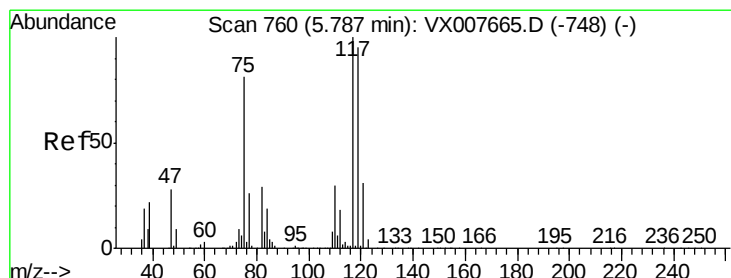
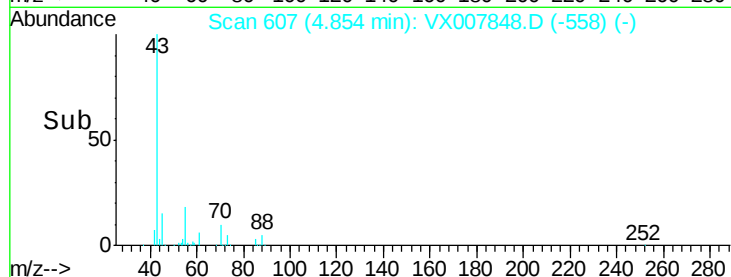
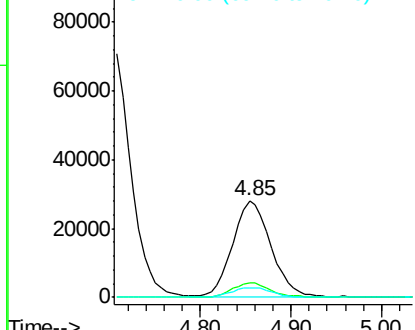
#37
Ethyl Acetate
Concen: 19.262 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 43 Resp: 81289
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 10.9 8.6 13.0

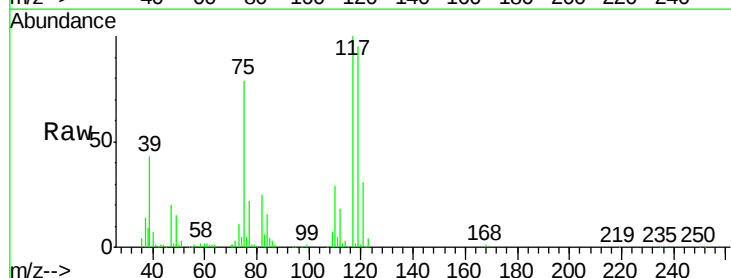


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

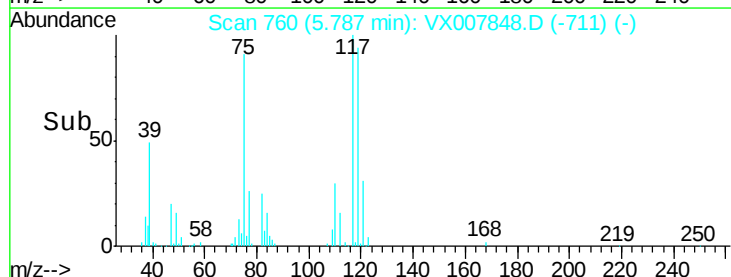
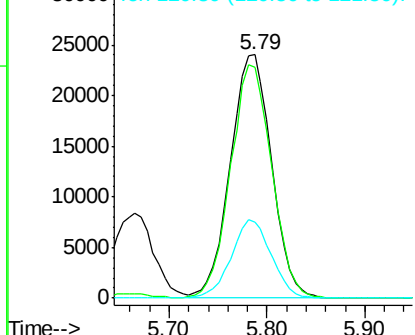


#38
Carbon Tetrachloride
Concen: 18.478 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 117 Resp: 70514
Ion Ratio Lower Upper
117 100
119 95.0 75.3 112.9
121 31.2 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

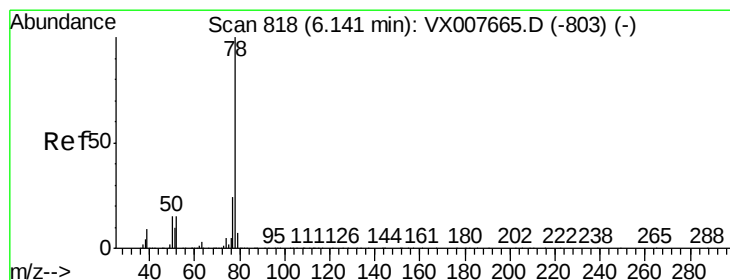
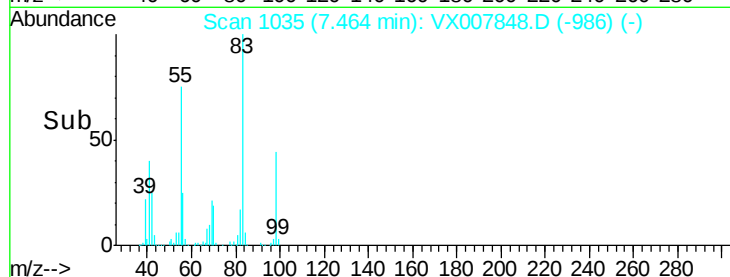
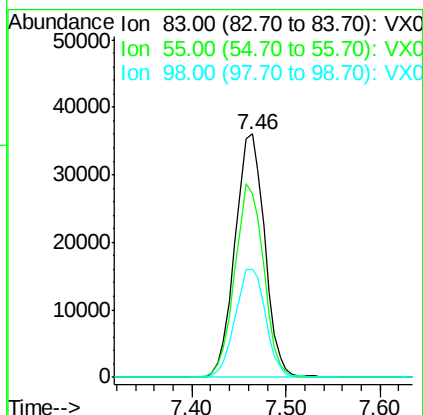
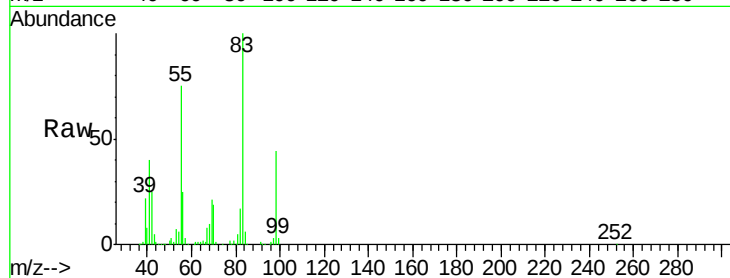




#39
Methvlcvclohexane
Concen: 16.511 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

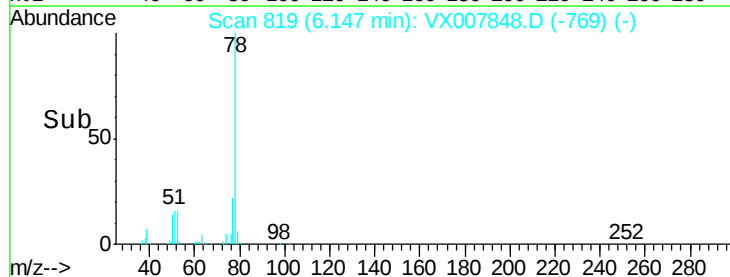
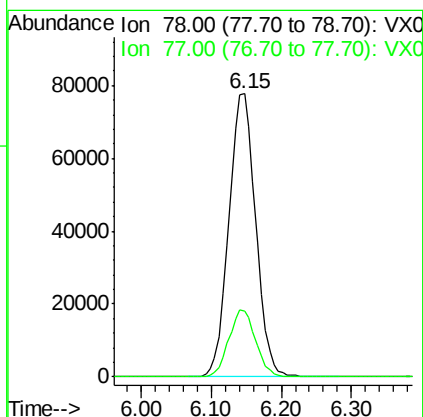
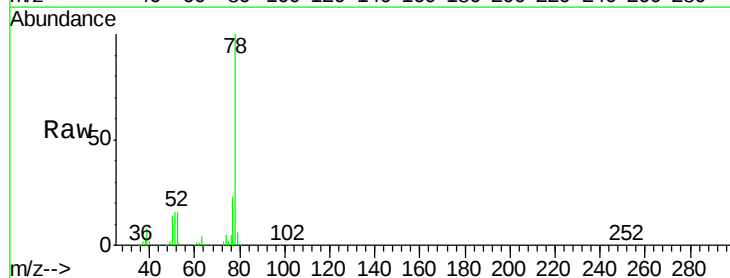
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

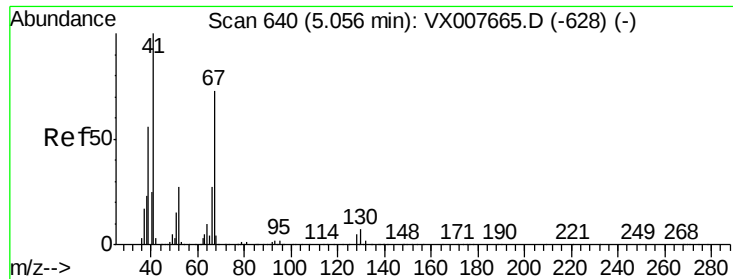
Tot Ion	83	Resp	79275
Ion	Ratio	Lower	Upper
83	100		
55	75.5	56.2	84.2
98	44.2	36.8	55.2



#40
Benzene
Concen: 17.702 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	78	Resp	207594
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





#41

Methacrylonitrile

Concen: 20.386 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 41 Resp: 45940

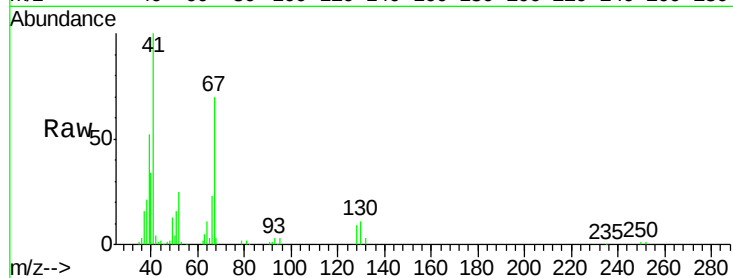
Ion Ratio Lower Upper

41 100

39 54.0 44.5 66.7

67 69.8 60.4 90.6

52 28.0 24.1 36.1

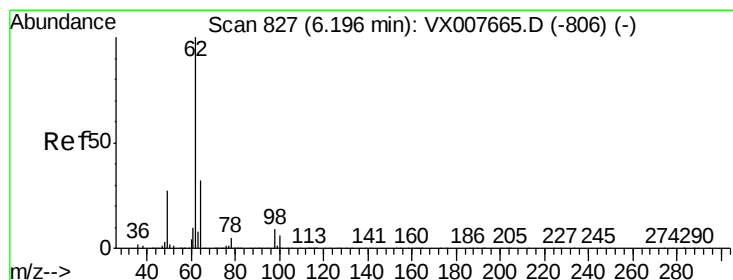
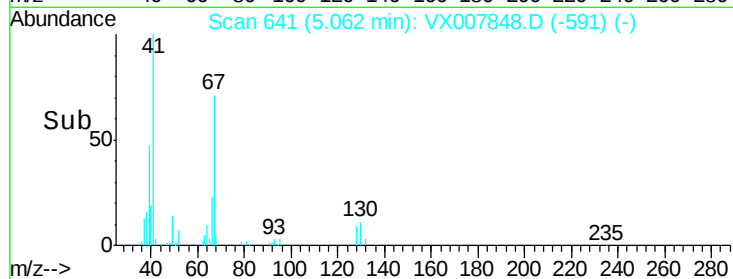
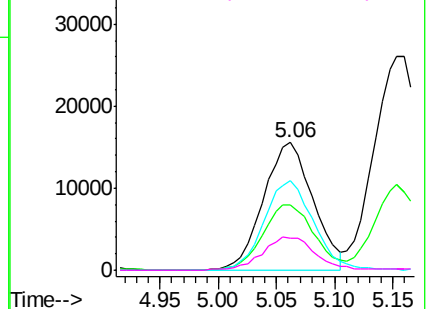


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.398 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007848.D

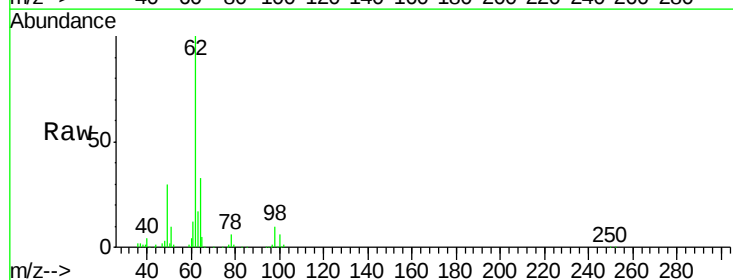
Acq: 05 Mar 2019 20:08

Tgt Ion: 62 Resp: 68578

Ion Ratio Lower Upper

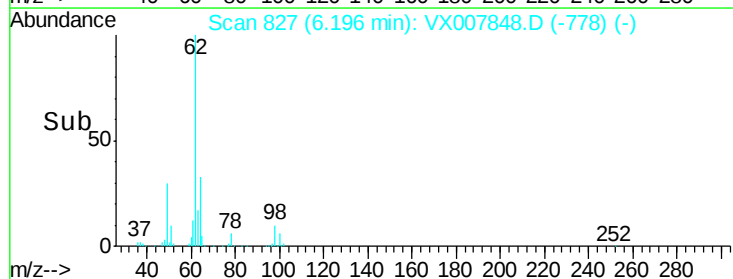
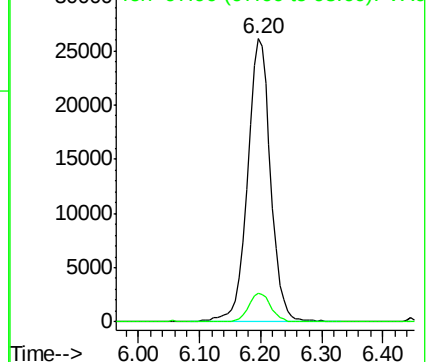
62 100

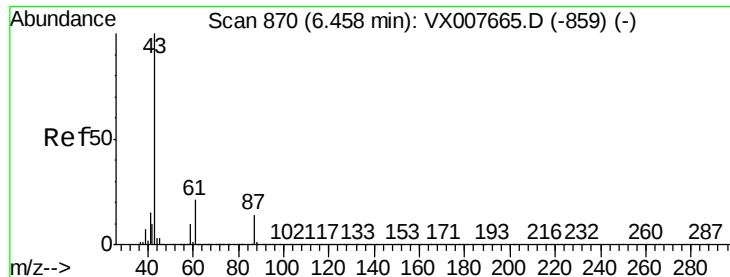
98 9.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



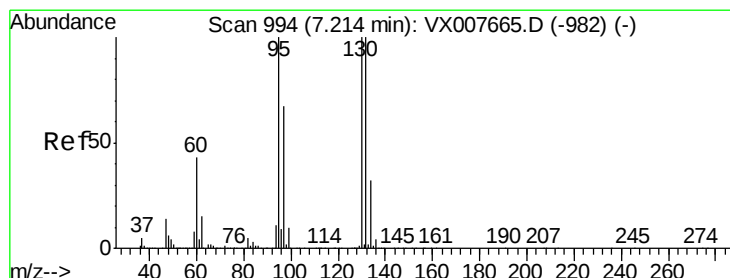
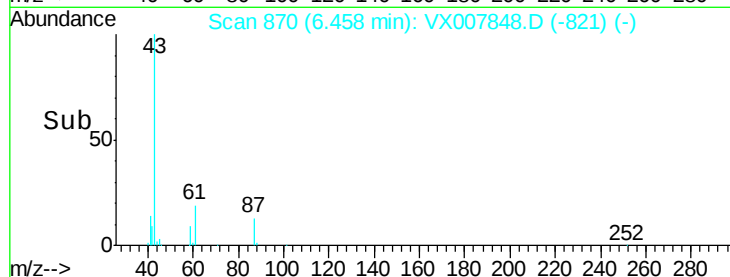
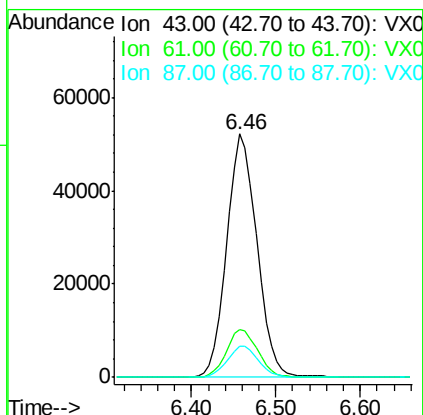
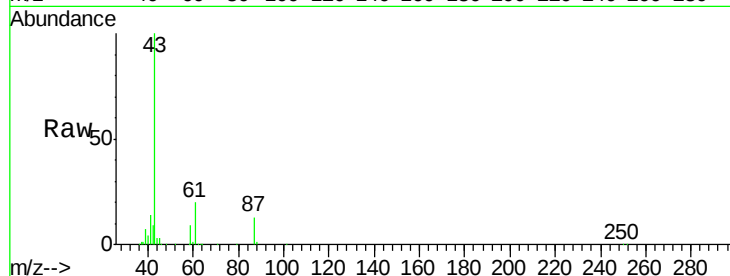


#43

Isopropyl Acetate
 Concen: 19.536 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX0305WBSD01

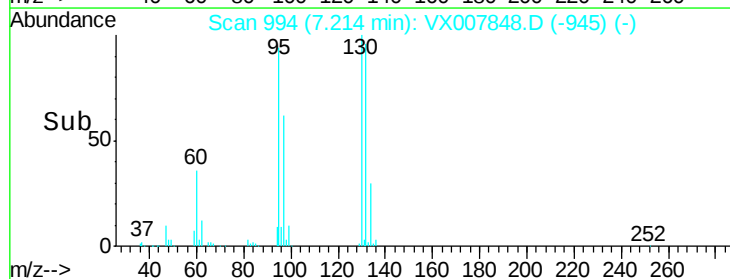
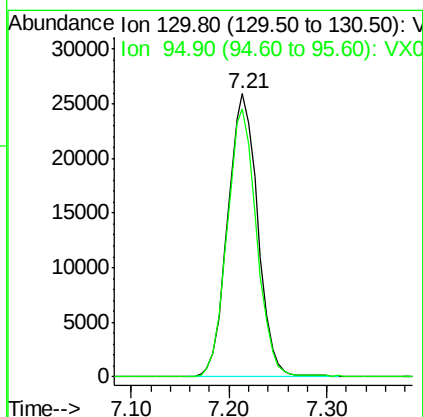
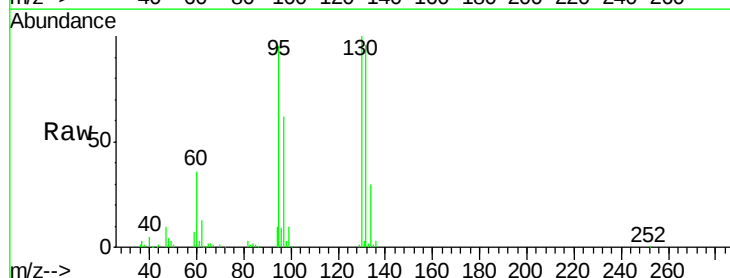
Tot Ion	43	Resp	126886
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.1	24.1
87	13.3	11.5	17.3

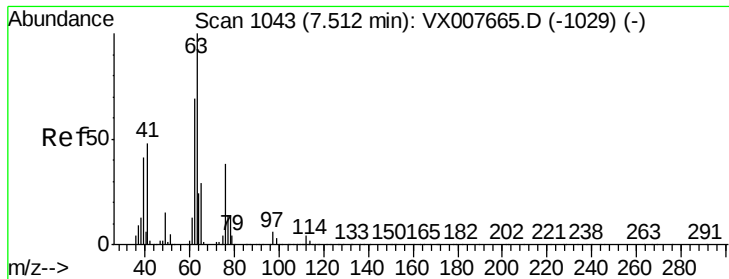


#44

Trichloroethene
 Concen: 17.131 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	130	Resp	55267
Ion Ratio	Lower	Upper	
130	100		
95	94.5	0.0	180.0

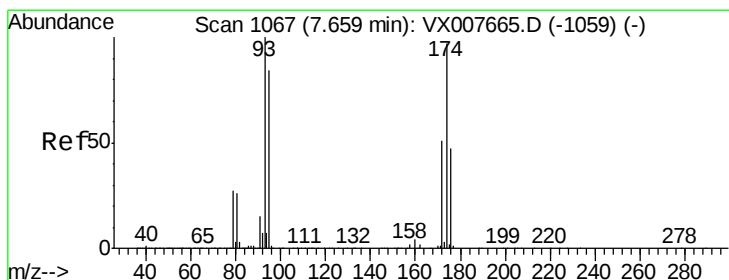
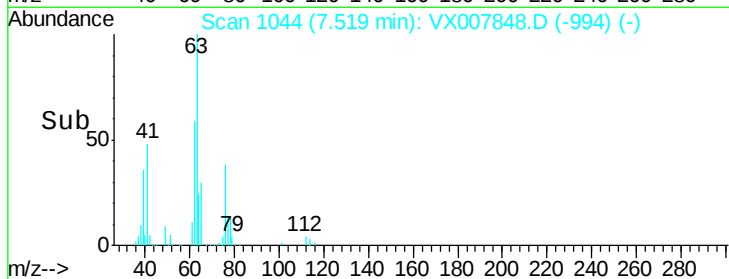
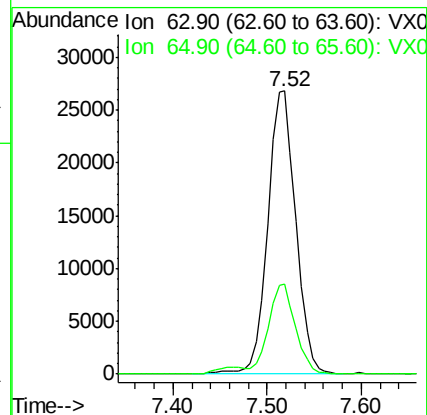
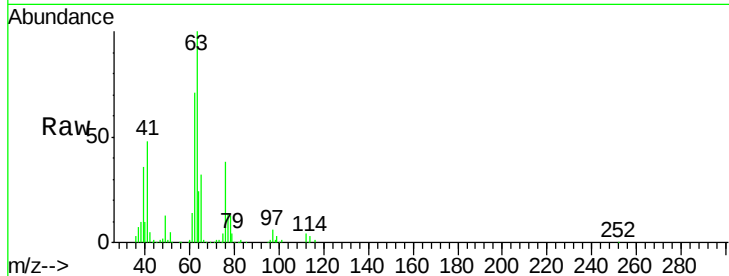




#45
 1,2-Dichloropropane
 Concen: 18.495 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

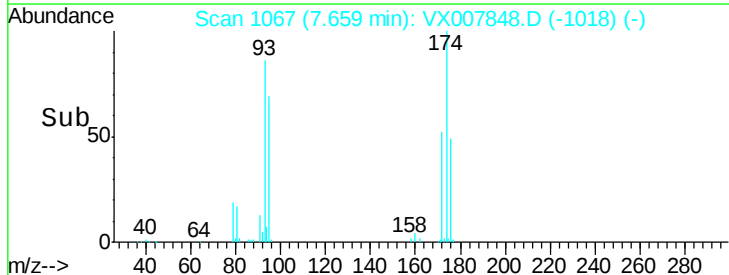
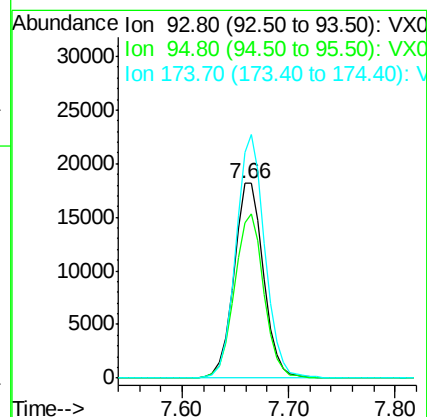
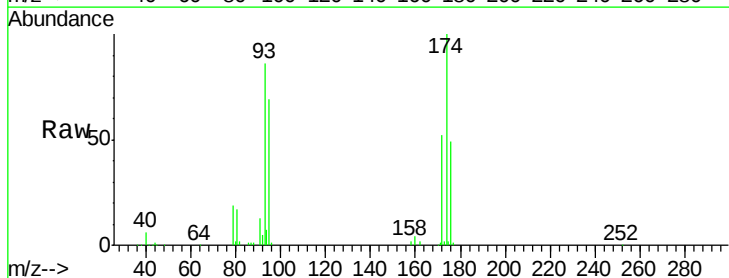
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

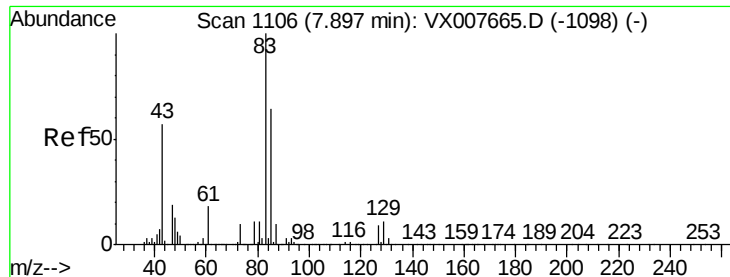
Tot Ion: 63 Resp: 56186
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.2 36.2



#46
 Dibromomethane
 Concen: 16.782 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion: 93 Resp: 35568
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.6 101.4
 174 120.6 94.2 141.4





#47

Bromodichloromethane

Concen: 19.670 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

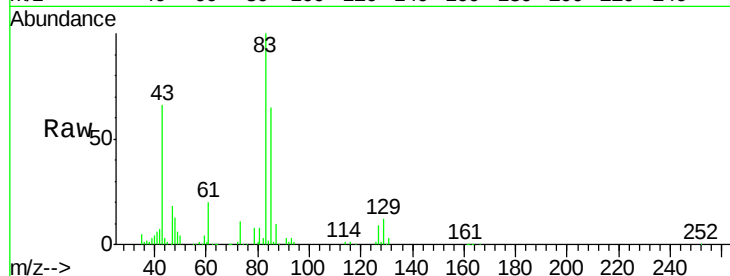
Tot Ion: 83 Resp: 72244

Ion Ratio Lower Upper

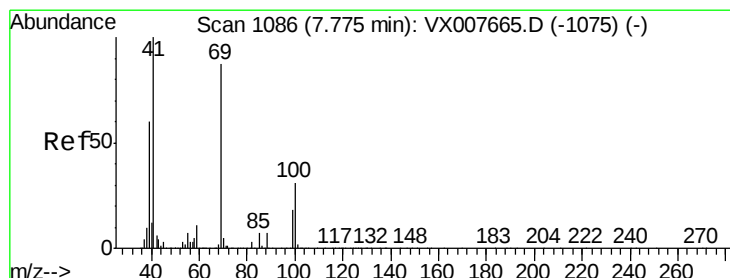
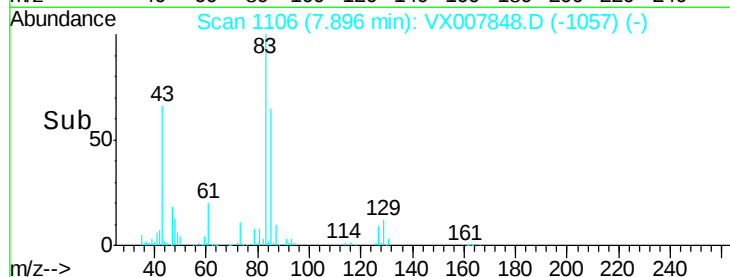
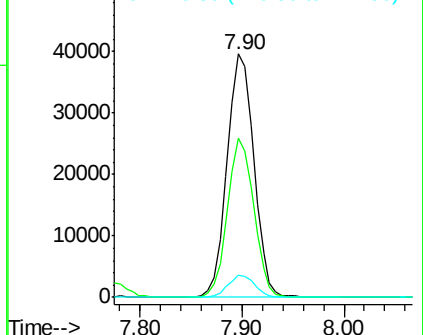
83 100

85 65.2 51.4 77.0

127 9.0 8.1 12.1



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



#48

Methyl methacrylate

Concen: 18.967 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

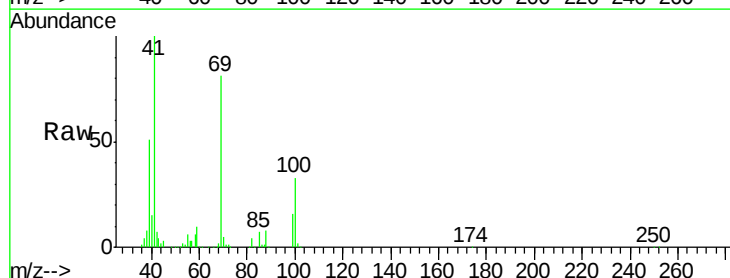
Tgt Ion: 41 Resp: 64574

Ion Ratio Lower Upper

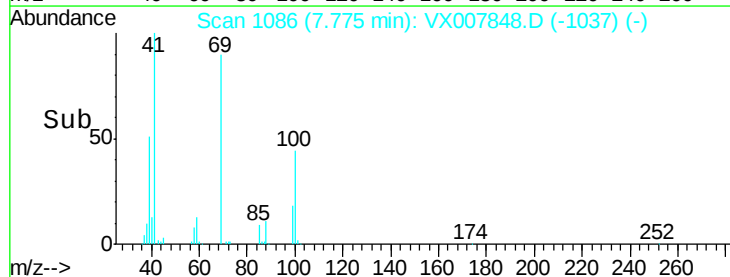
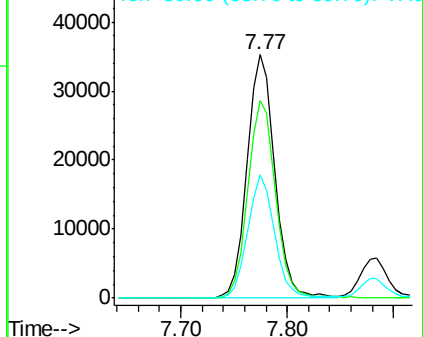
41 100

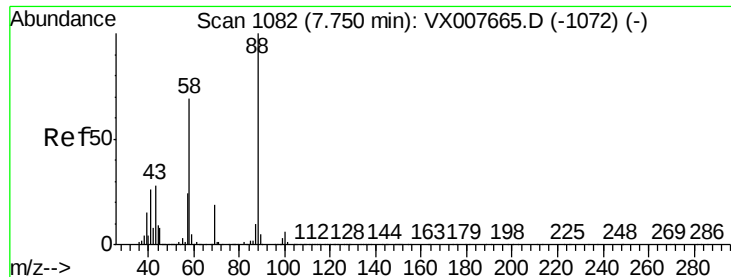
69 81.5 70.2 105.4

39 48.9 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: 373.776 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

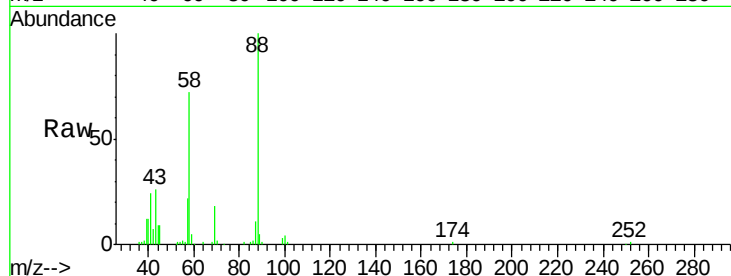
Tot Ion: 88 Resp: 27485

Ion Ratio Lower Upper

88 100

43 30.0 24.2 36.4

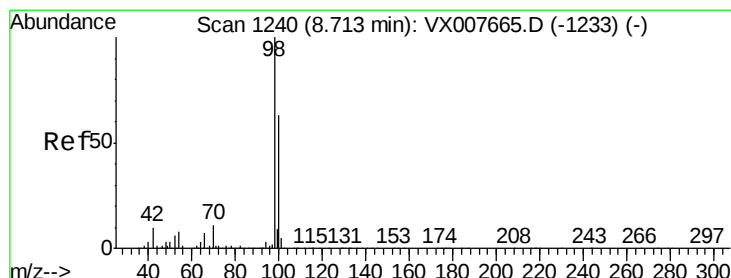
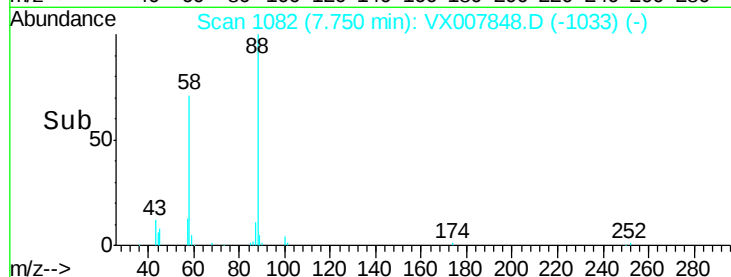
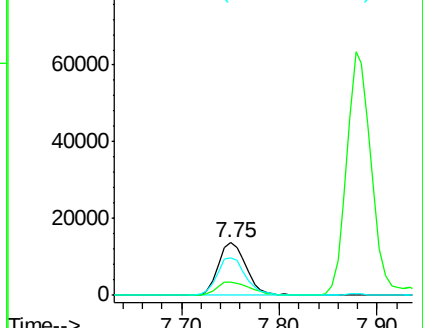
58 72.7 53.0 79.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.841 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007848.D

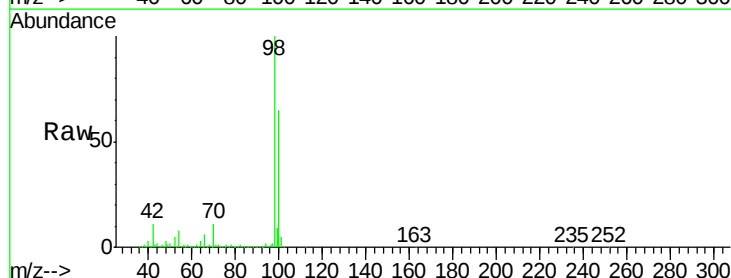
Acq: 05 Mar 2019 20:08

Tgt Ion: 98 Resp: 484918

Ion Ratio Lower Upper

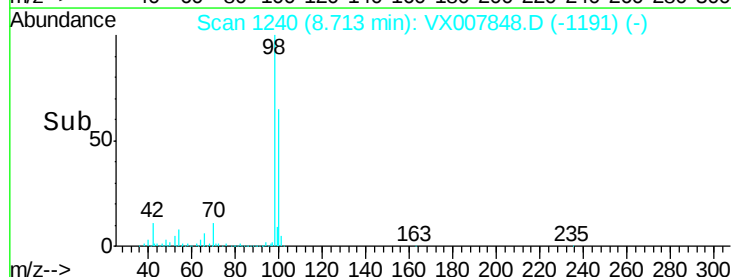
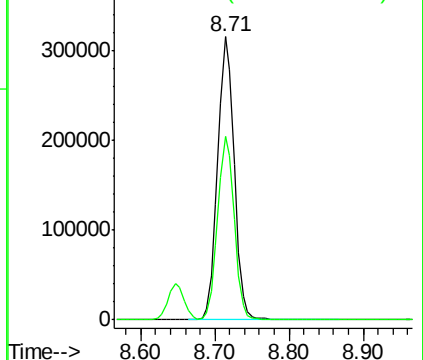
98 100

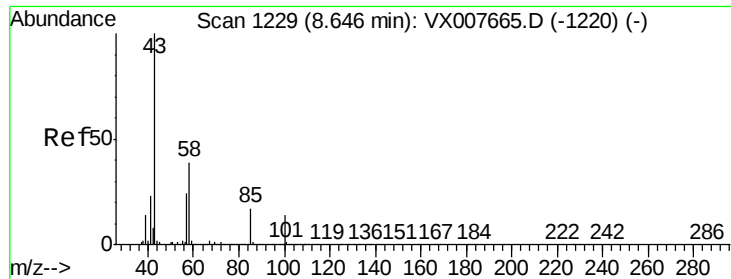
100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 95.888 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

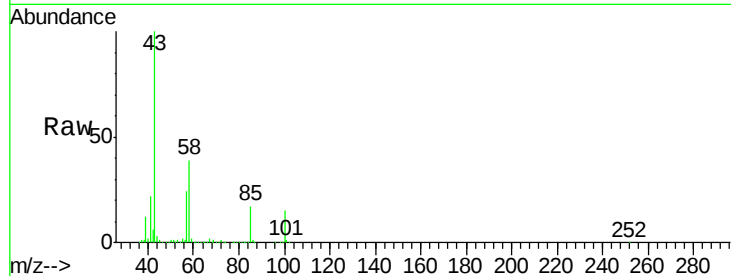
VX0305WBSD01

Tot Ion: 43 Resp: 416884

Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

150000

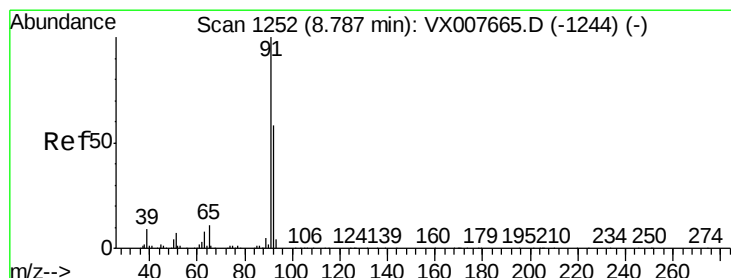
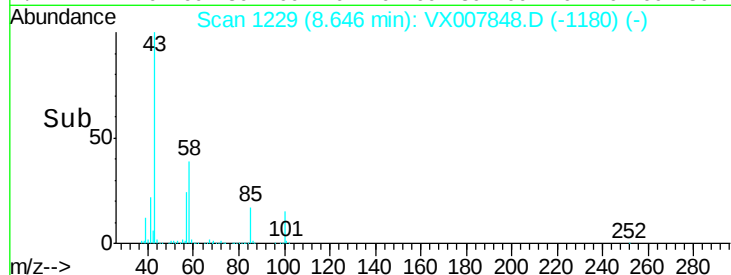
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 17.171 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007848.D

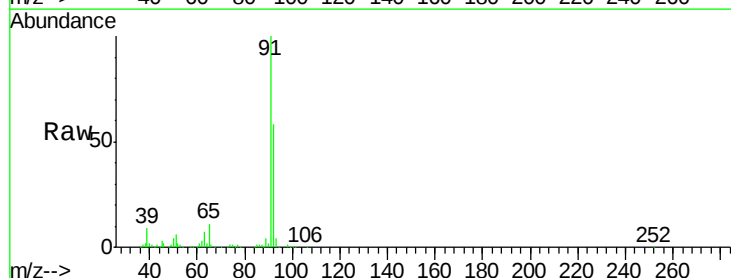
Acq: 05 Mar 2019 20:08

Tgt Ion: 92 Resp: 126982

Ion Ratio Lower Upper

92 100

91 171.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

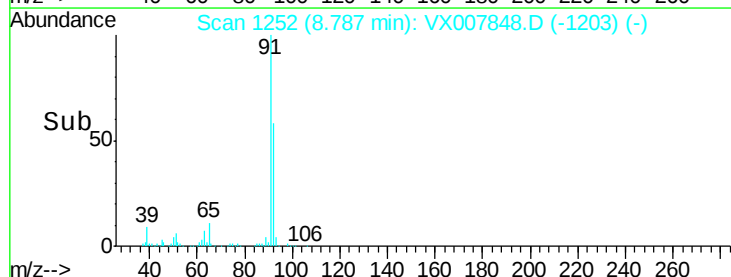
100000

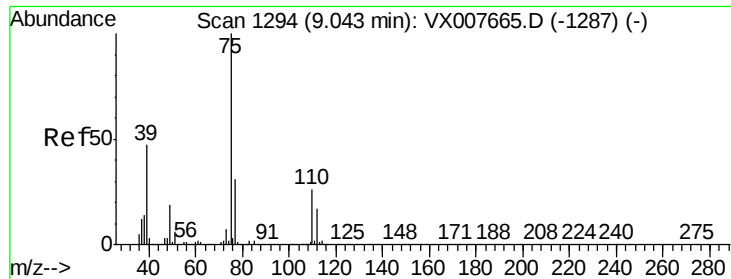
50000

0

8.70 8.80 8.90

Time-->

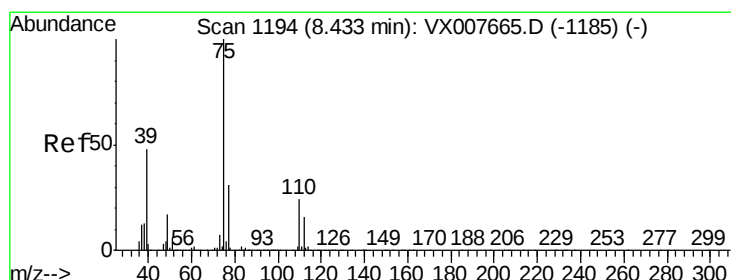
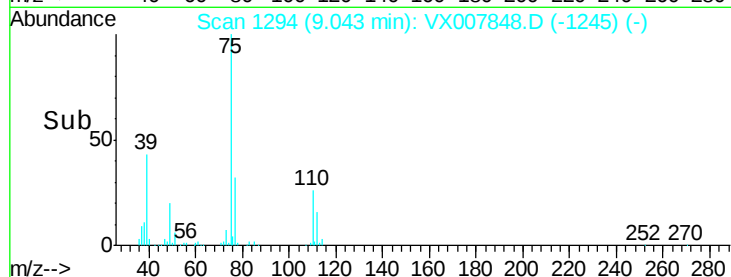
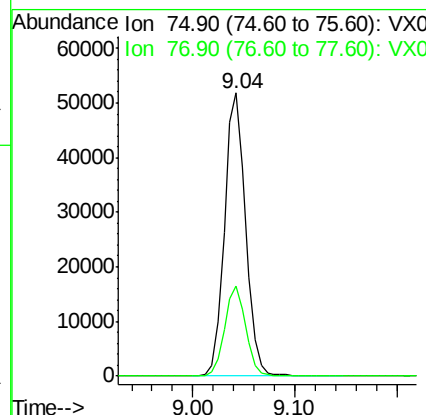
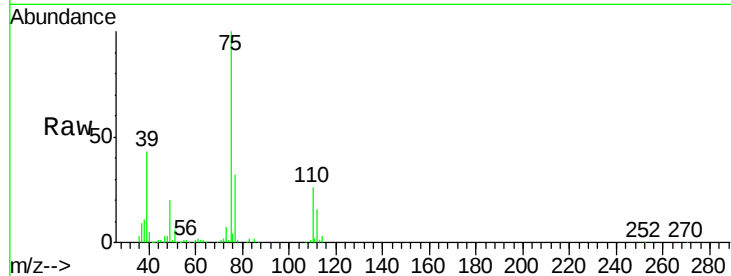




#53
t-1,3-Dichloropropene
Concen: 18.247 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

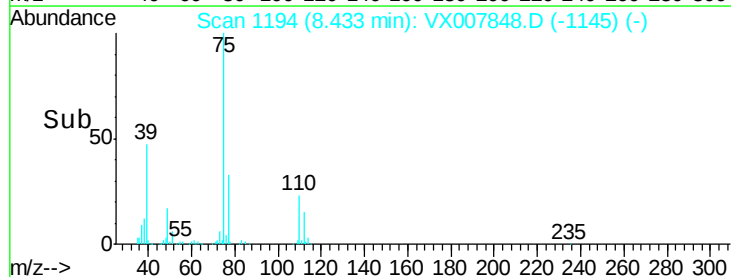
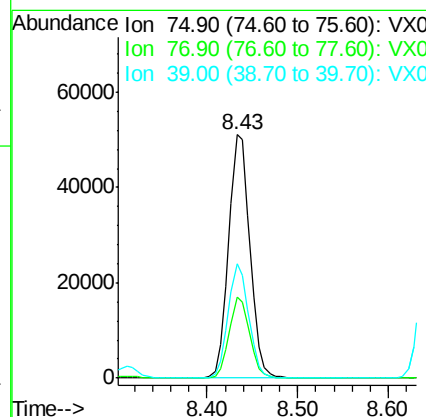
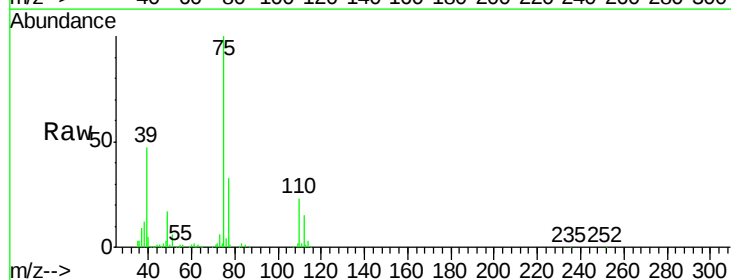
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 75 Resp: 74707
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.715 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 75 Resp: 83413
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.4
39 46.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 17.488 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 97 Resp: 53930

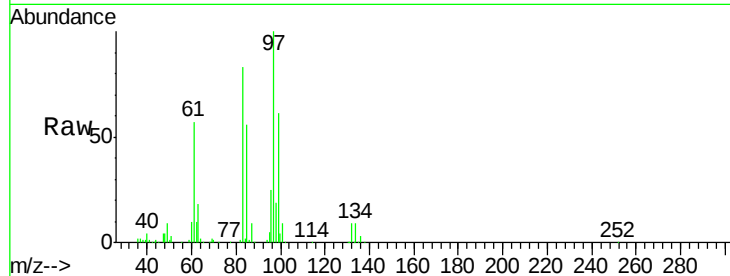
Ion Ratio Lower Upper

97 100

83 83.0 68.6 102.8

85 56.4 44.5 66.7

99 61.0 52.2 78.4

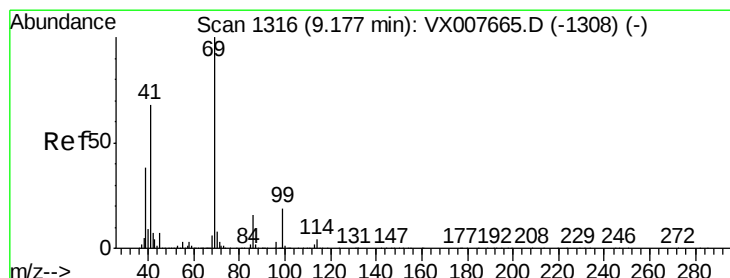
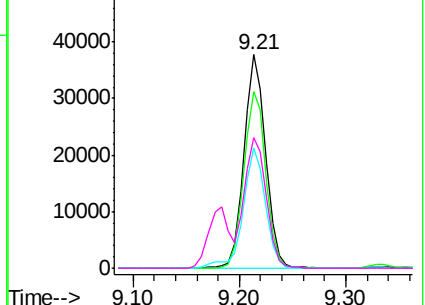
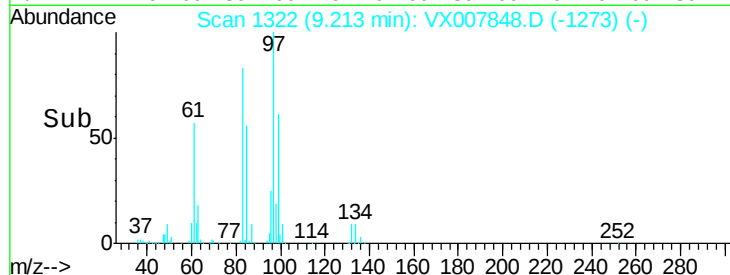


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.853 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

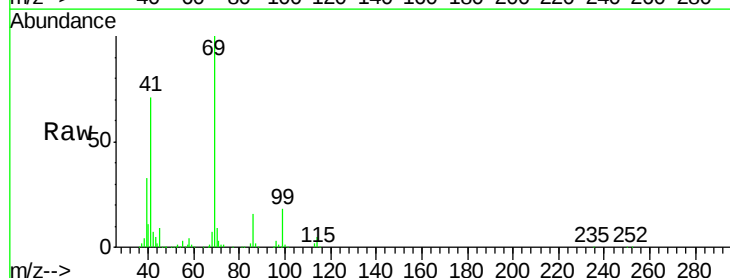
Tgt Ion: 69 Resp: 78293

Ion Ratio Lower Upper

69 100

41 69.3 52.1 78.1

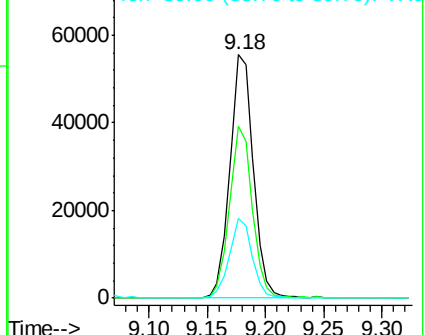
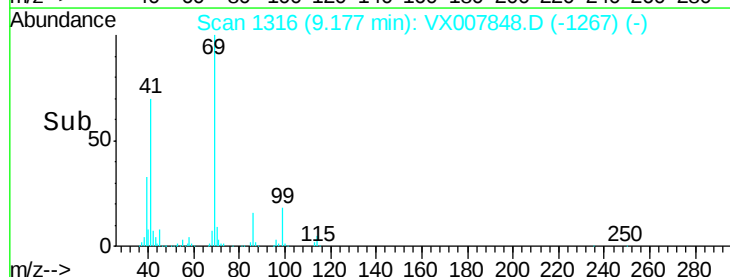
39 32.0 30.1 45.1



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: 17.993 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

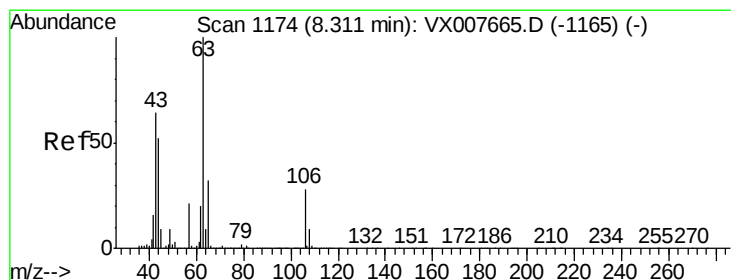
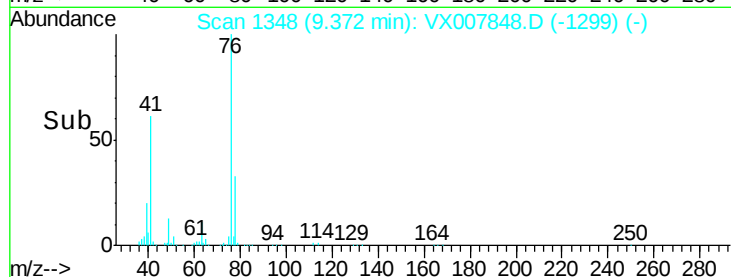
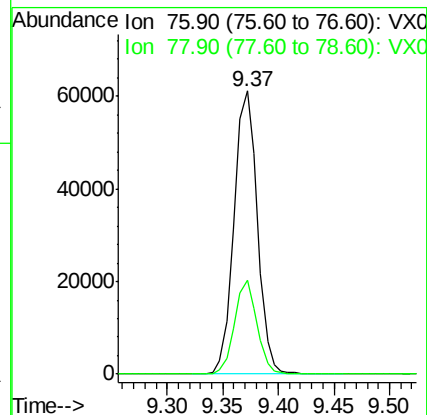
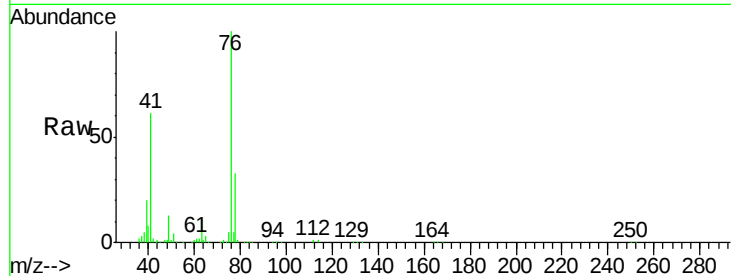
VX0305WBSD01

Tot Ion: 76 Resp: 88825

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.014 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007848.D

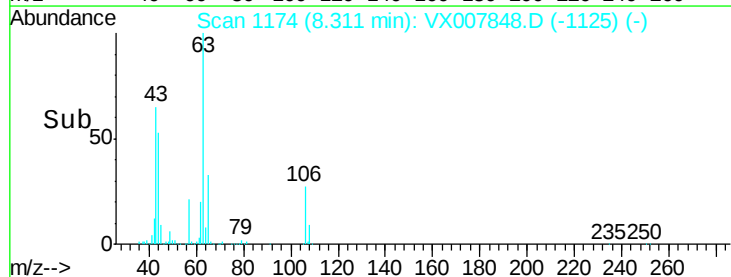
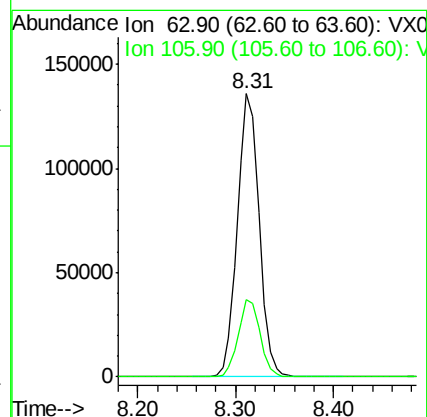
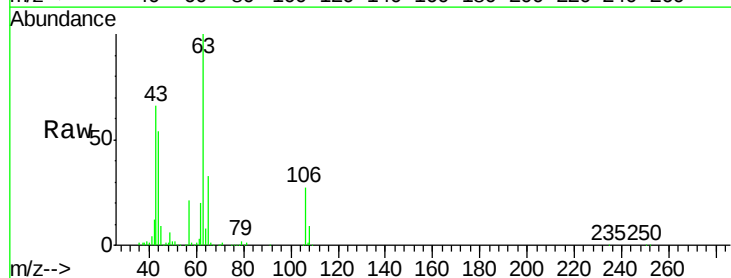
Acq: 05 Mar 2019 20:08

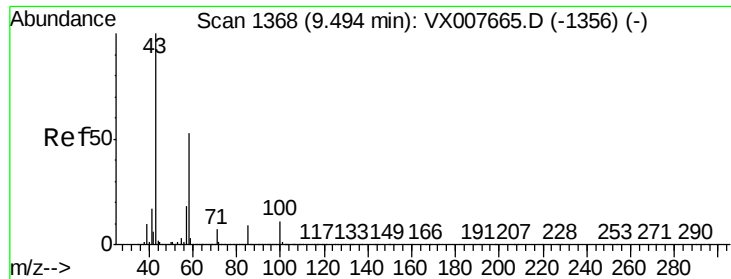
Tgt Ion: 63 Resp: 210429

Ion Ratio Lower Upper

63 100

106 27.5 23.6 35.4

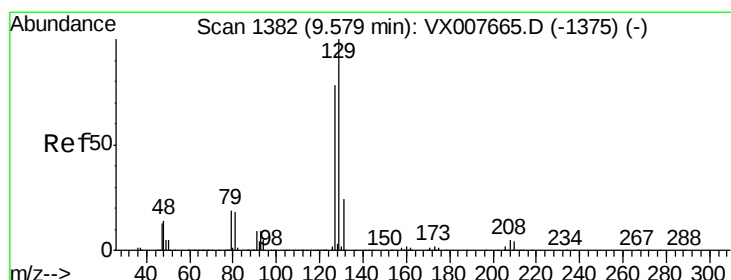
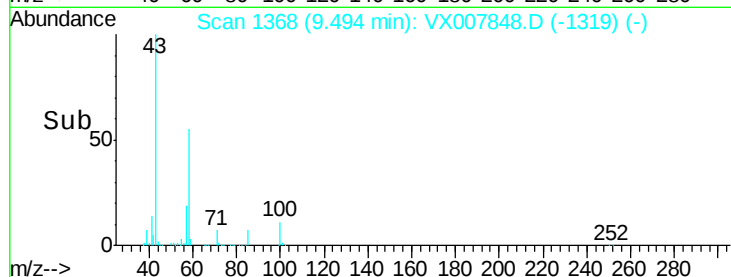
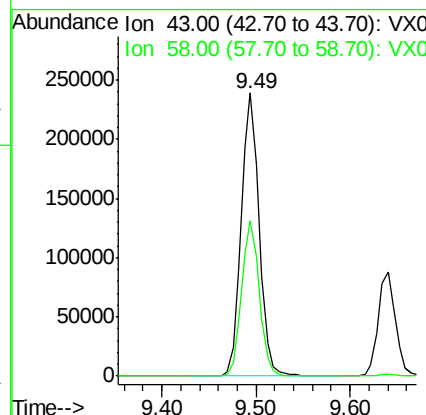
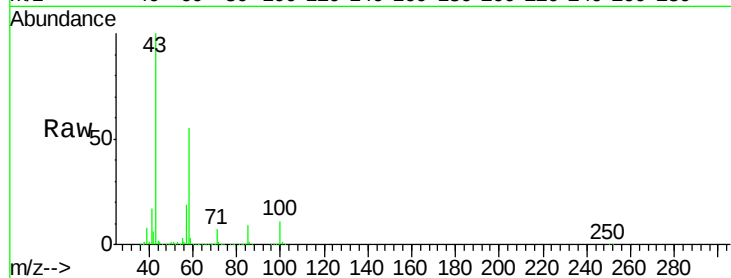




#59
2-Hexanone
Concen: 92.180 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

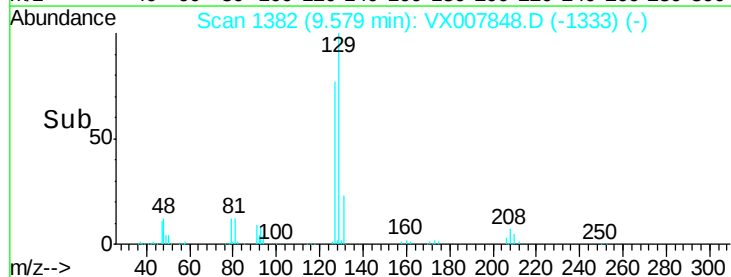
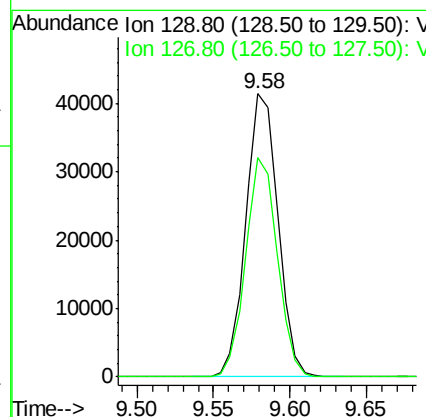
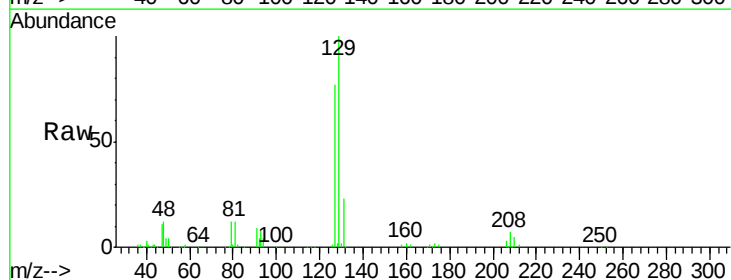
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

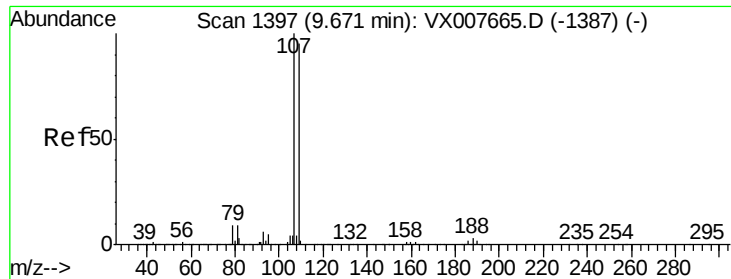
Tot Ion: 43 Resp: 314637
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 20.425 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 129 Resp: 60607
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 17.562 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

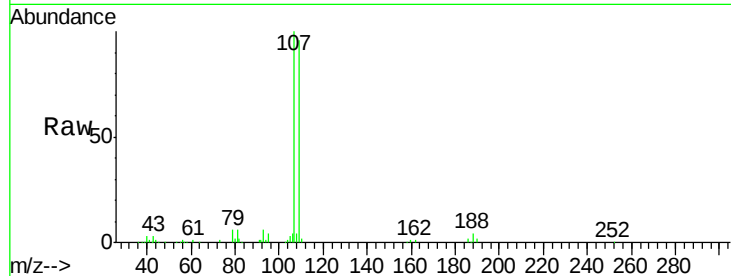
VX0305WBSD01

Tot Ion:107 Resp: 56231

Ion Ratio Lower Upper

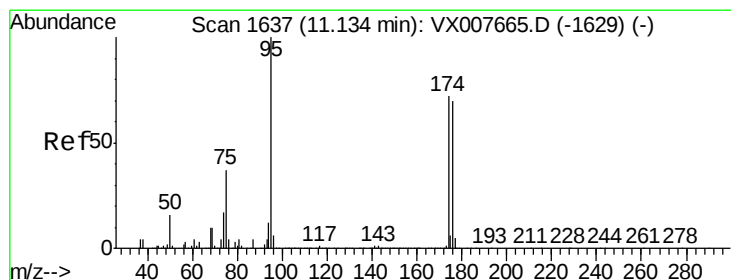
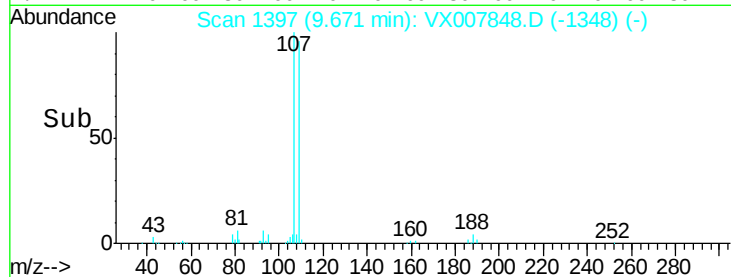
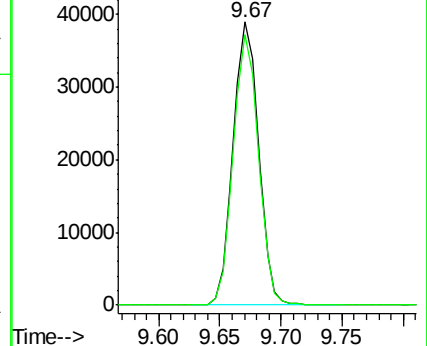
107 100

109 94.6 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: 43.579 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

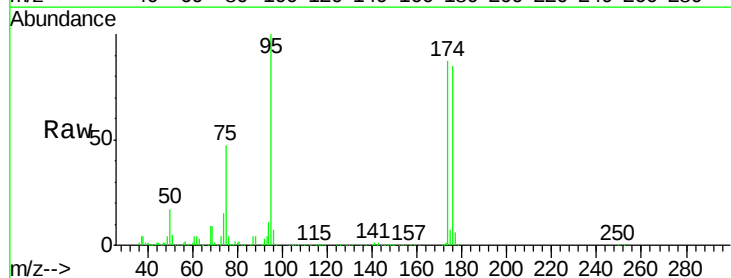
Tgt Ion: 95 Resp: 172976

Ion Ratio Lower Upper

95 100

174 92.1 0.0 189.2

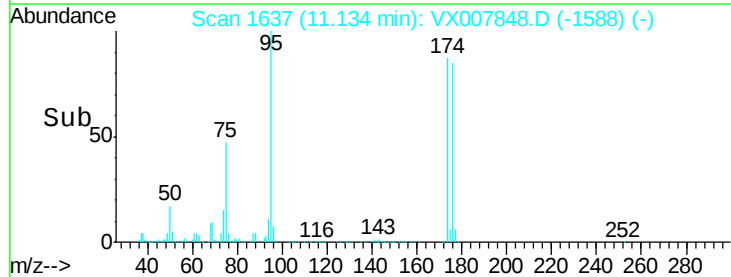
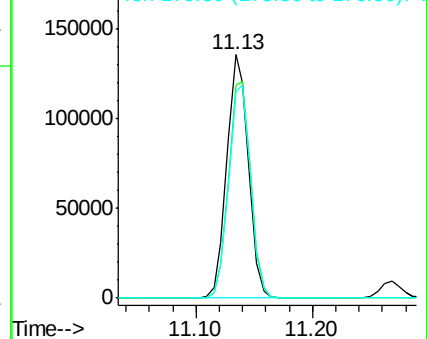
176 89.6 0.0 186.2

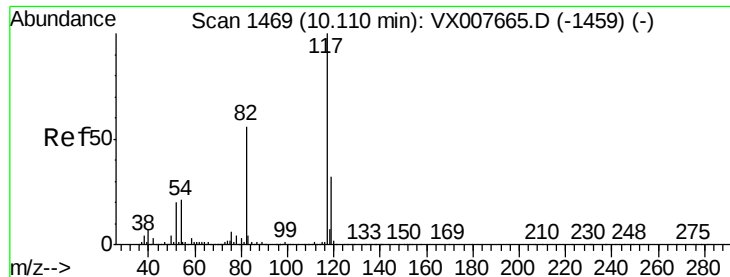


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

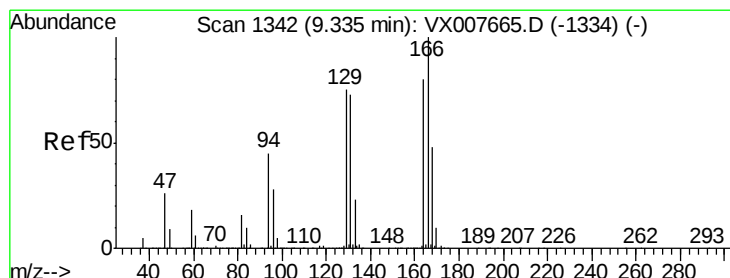
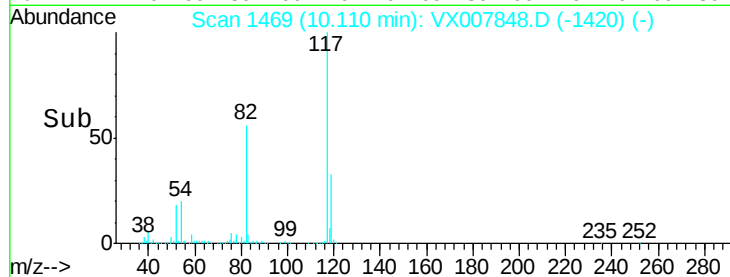
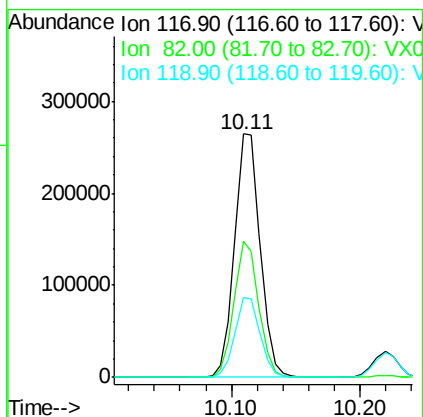
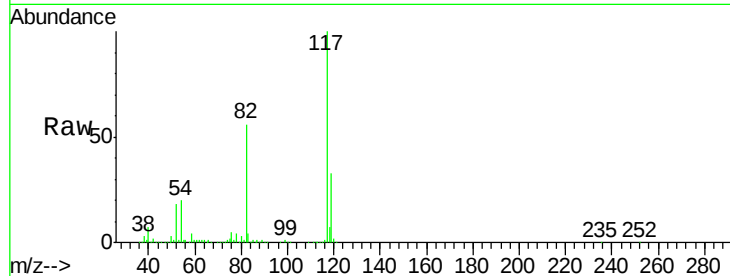




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

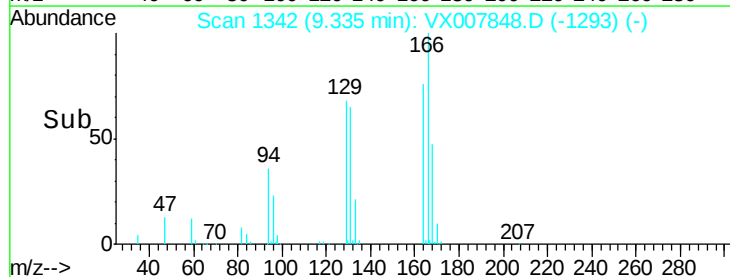
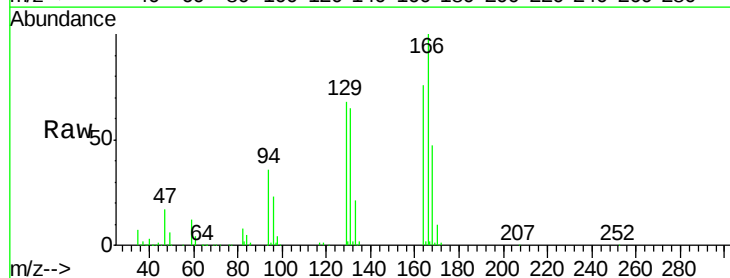
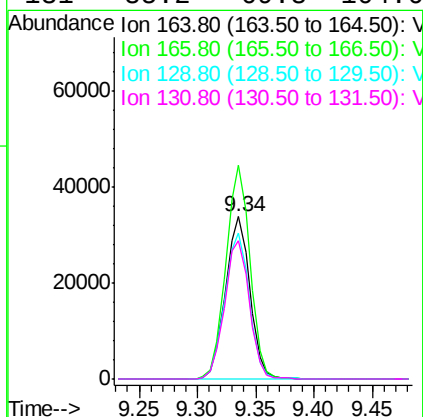
Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

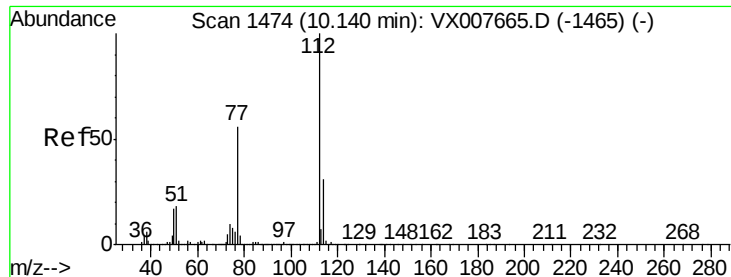
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.1	63.1
119	32.8	26.5	39.7



#64
Tetrachloroethene
Concen: 16.456 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	101.0	151.4
129	89.6	70.5	105.7
131	85.2	69.8	104.6

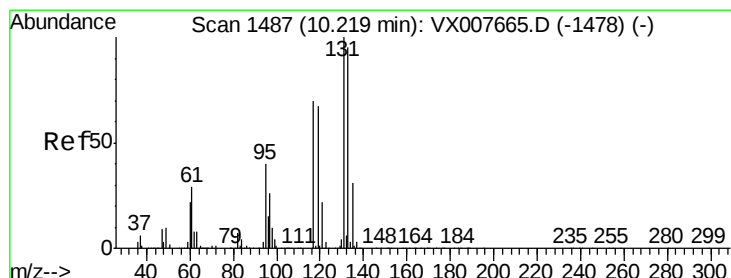
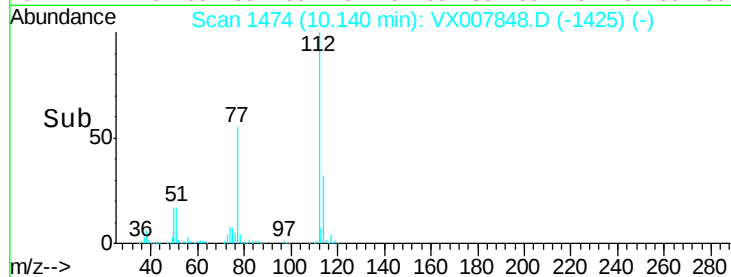
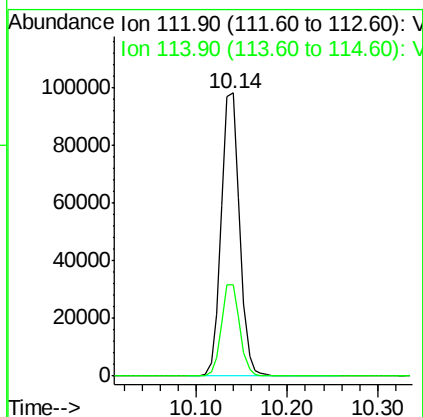
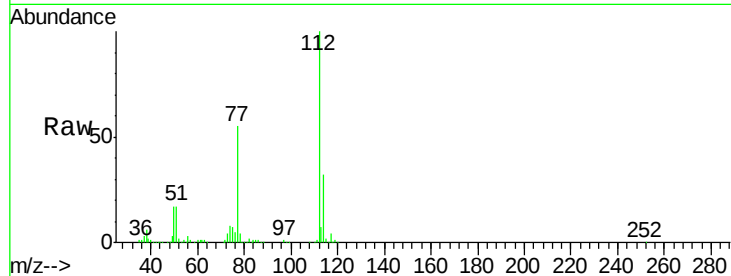




#65
Chlorobenzene
Concen: 17.440 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

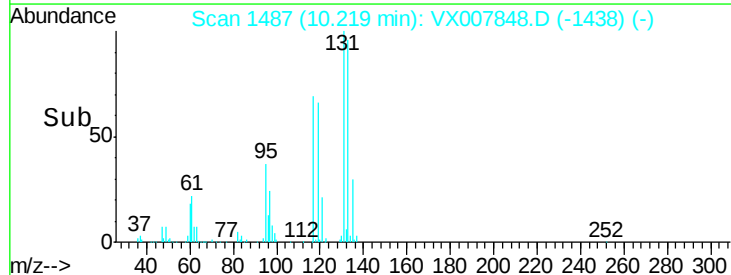
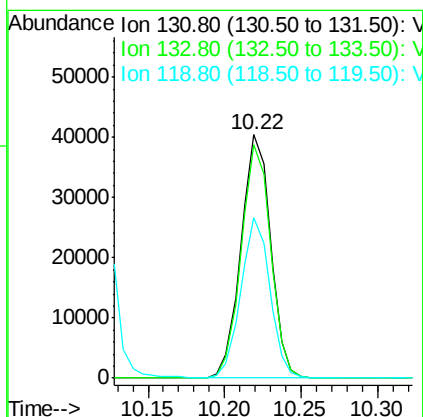
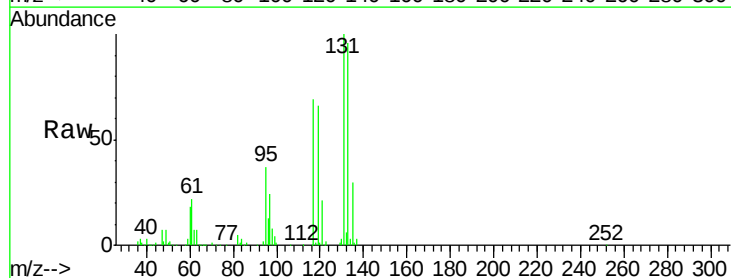
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:112 Resp: 138885
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.601 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion:131 Resp: 54448
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 64.6 32.0 96.0





#67

Ethyl Benzene

Concen: 17.623 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

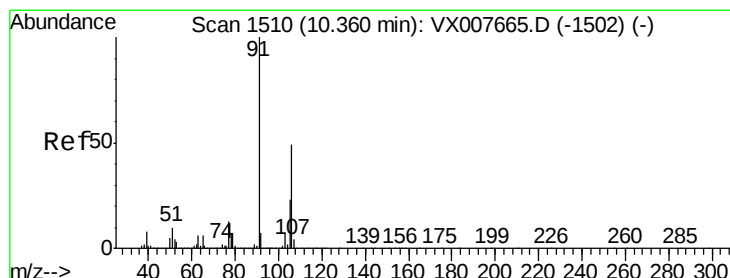
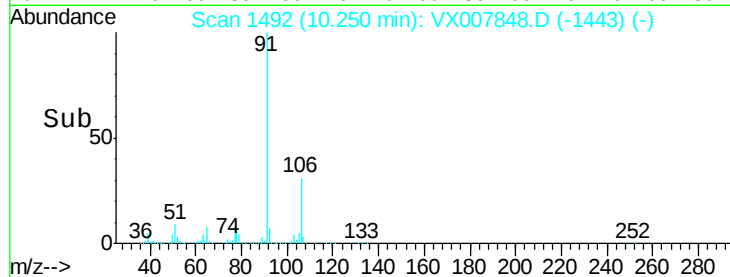
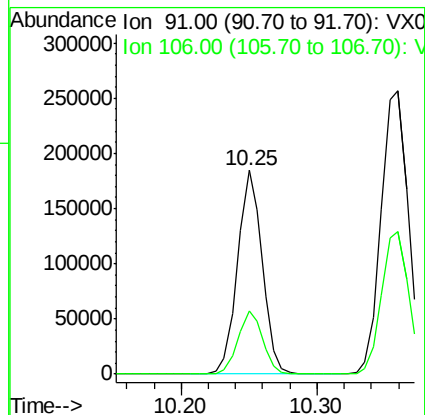
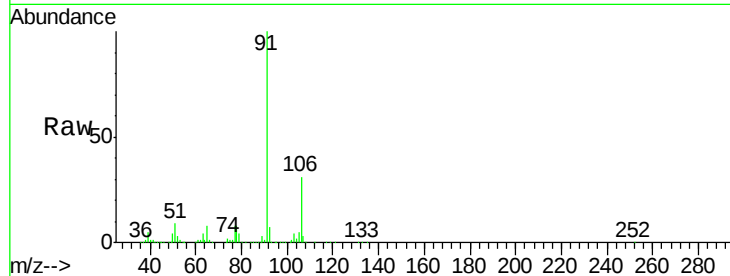
VX0305WBSD01

Tot Ion: 91 Resp: 232482

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0



#68

m/p-Xylenes

Concen: 35.092 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007848.D

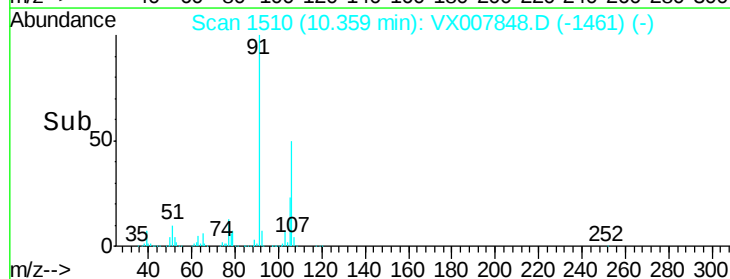
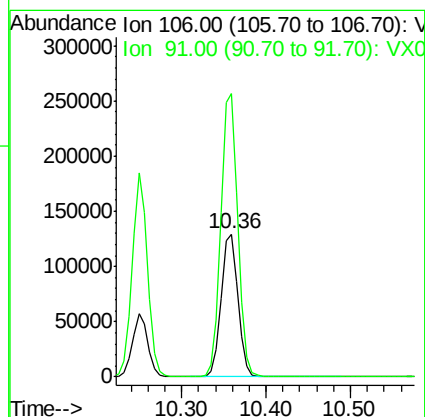
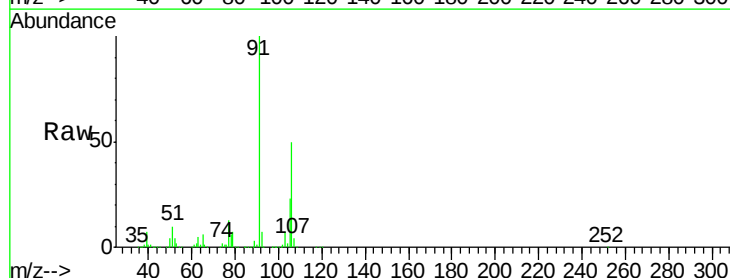
Acq: 05 Mar 2019 20:08

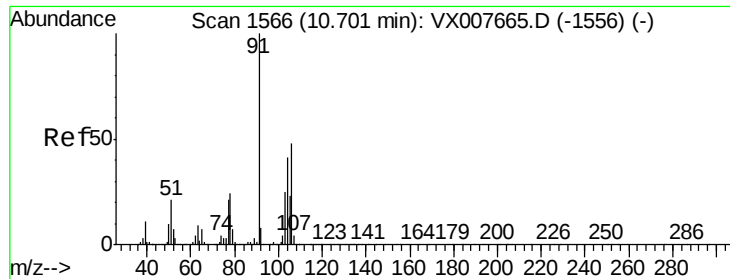
Tgt Ion: 106 Resp: 180090

Ion Ratio Lower Upper

106 100

91 199.1 156.6 234.8

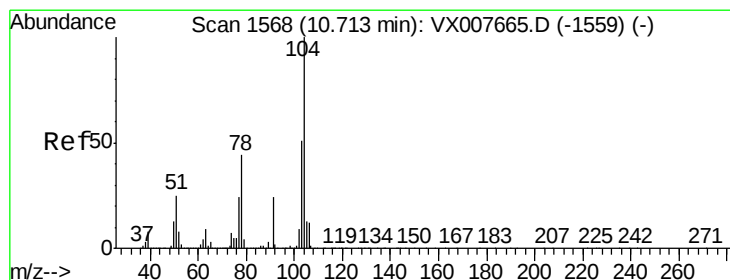
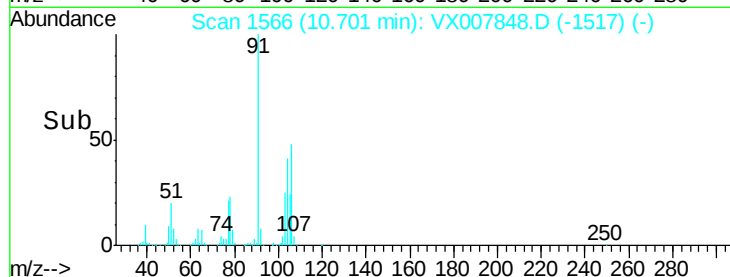
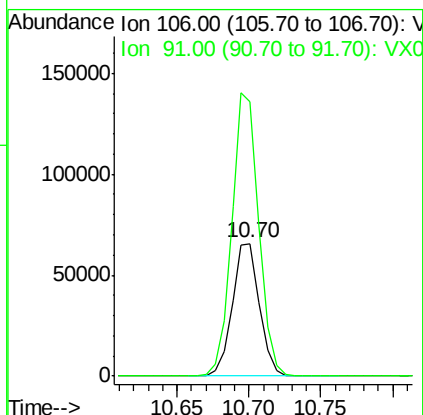
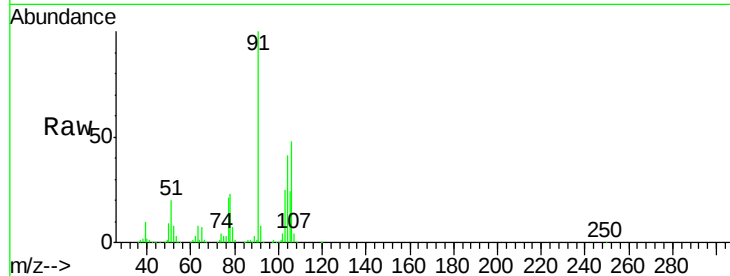




#69
o-Xylene
Concen: 17.541 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

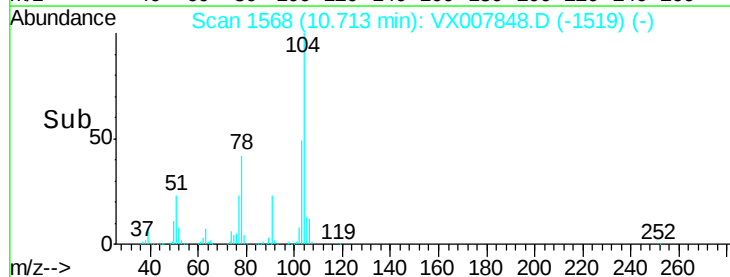
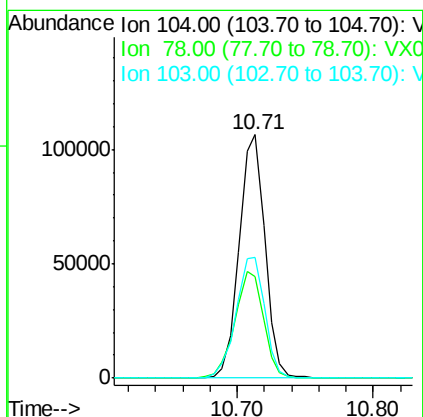
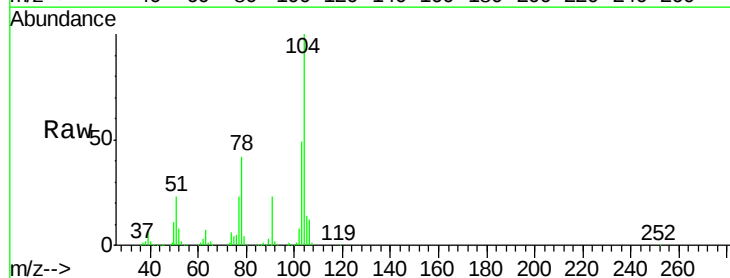
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:106 Resp: 86590
Ion Ratio Lower Upper
106 100
91 212.0 102.9 308.7



#70
Styrene
Concen: 17.367 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion:104 Resp: 140913
Ion Ratio Lower Upper
104 100
78 48.6 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 23.643 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

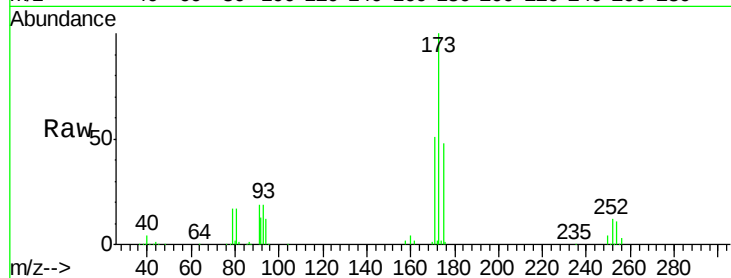
Tot Ion:173 Resp: 49248

Ion Ratio Lower Upper

173 100

175 48.9 24.2 72.6

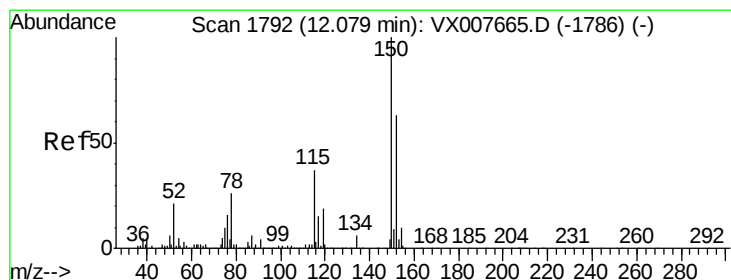
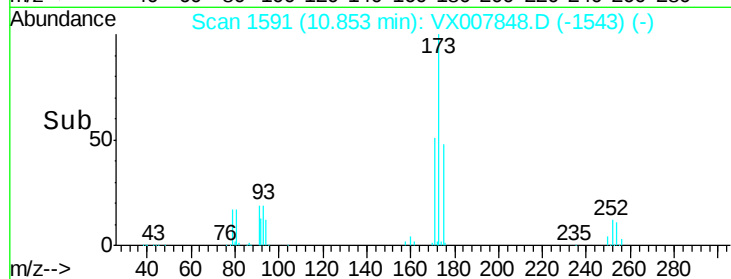
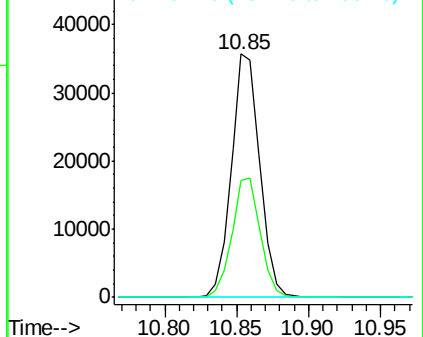
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

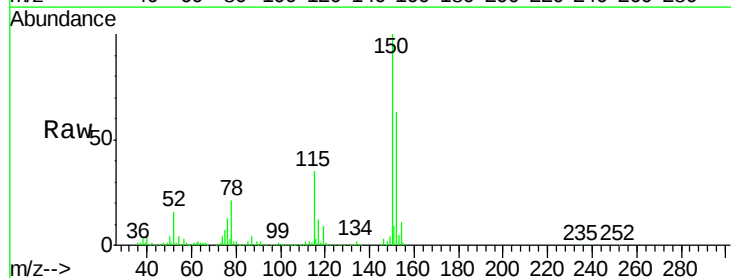
Tgt Ion:152 Resp: 186408

Ion Ratio Lower Upper

152 100

115 62.6 38.0 114.0

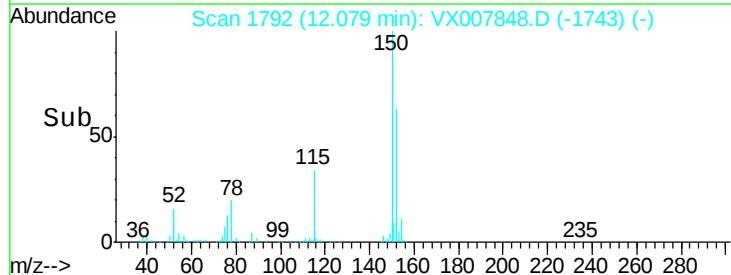
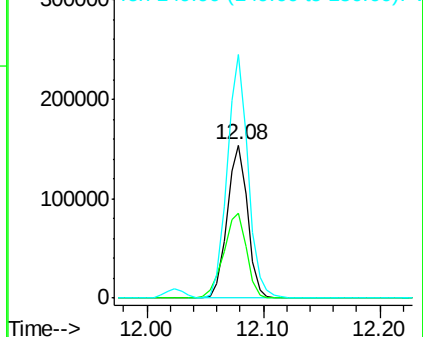
150 162.4 0.0 346.4

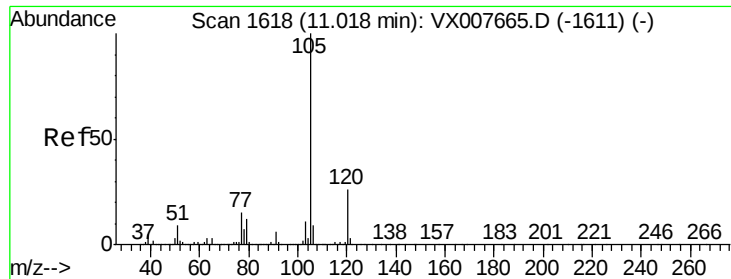


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.527 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

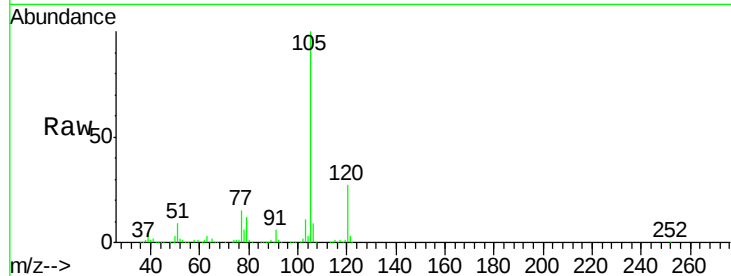
VX0305WBSD01

Tot Ion:105 Resp: 233515

Ion Ratio Lower Upper

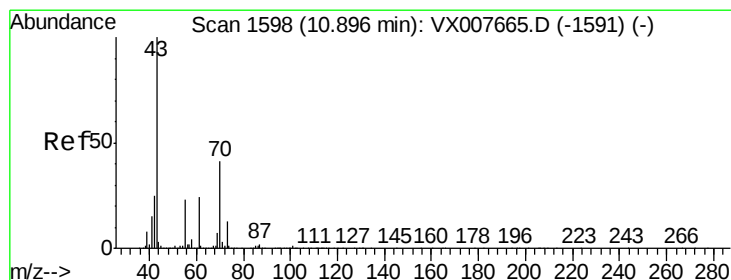
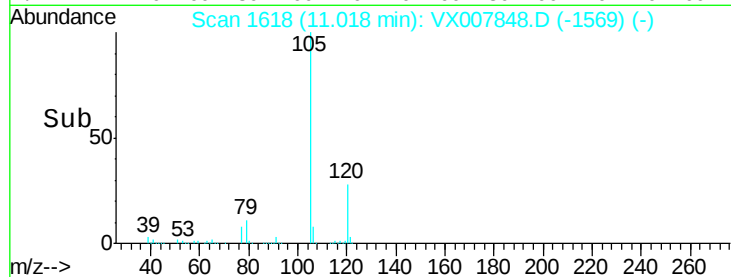
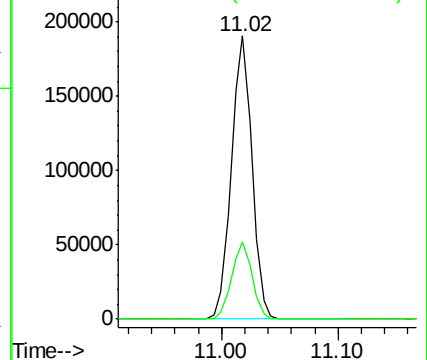
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.602 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Tgt Ion: 43 Resp: 107623

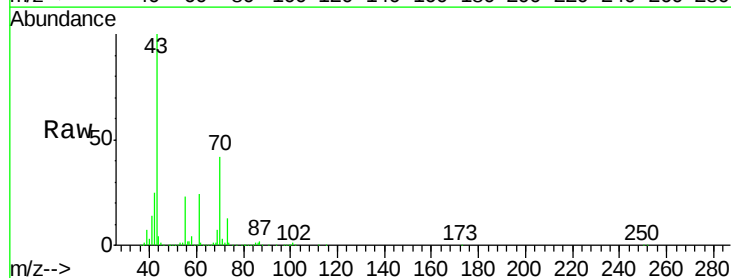
Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 24.3 19.5 29.3

61 24.4 19.4 29.2

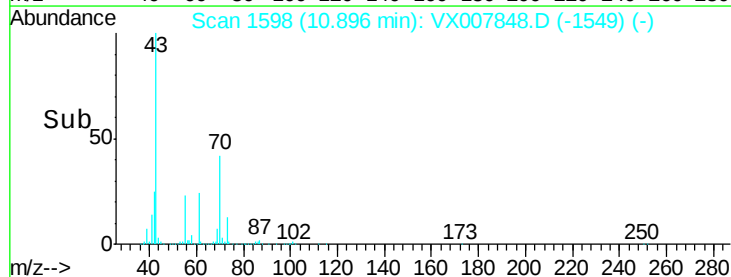
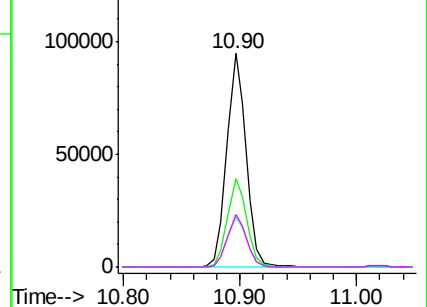


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.958 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

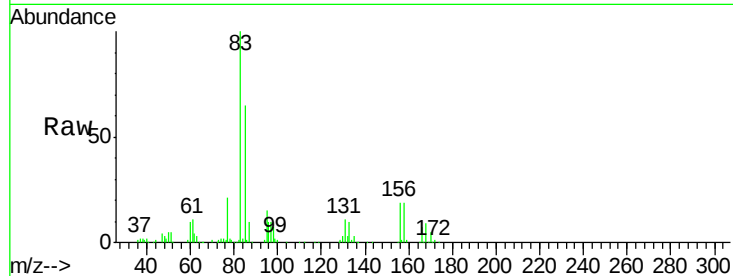
Tot Ion: 83 Resp: 82750

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

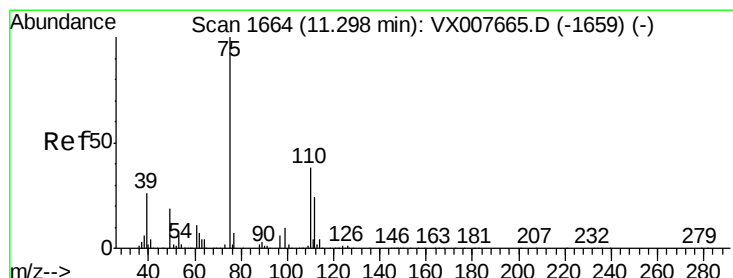
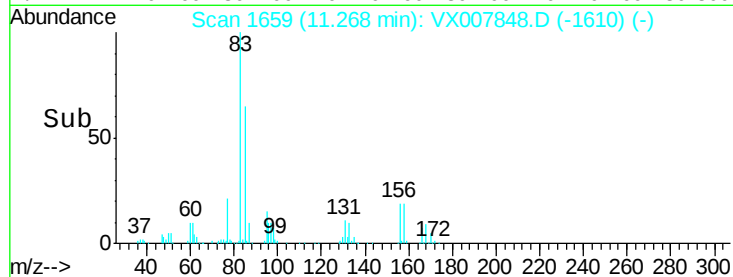
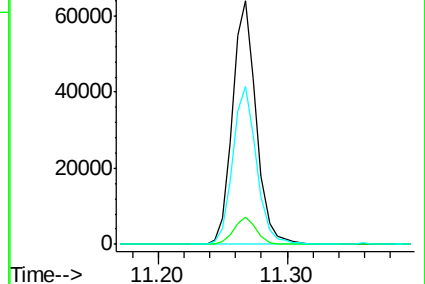
85 65.0 32.8 98.3



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: 23.432 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007848.D

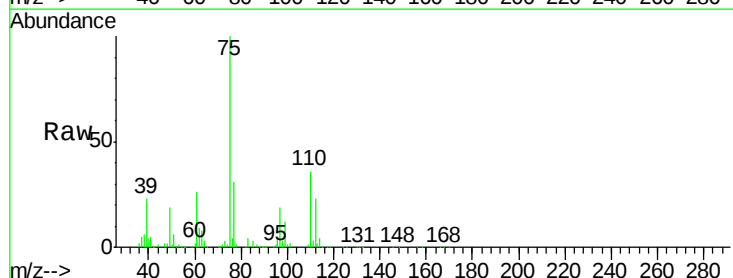
Acq: 05 Mar 2019 20:08

Tgt Ion: 75 Resp: 93103

Ion Ratio Lower Upper

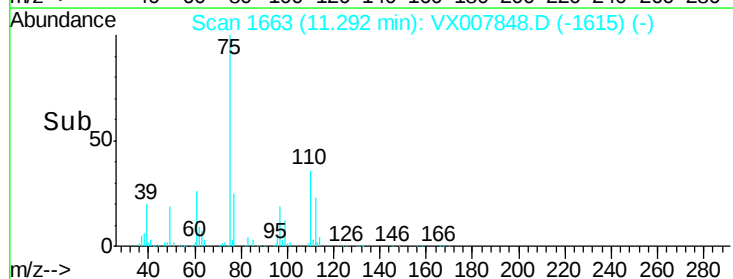
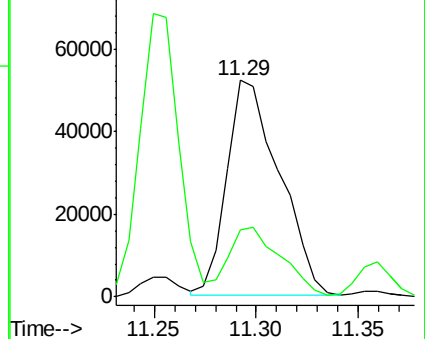
75 100

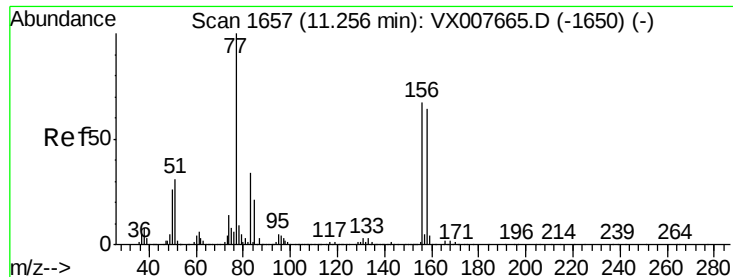
77 33.0 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.844 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

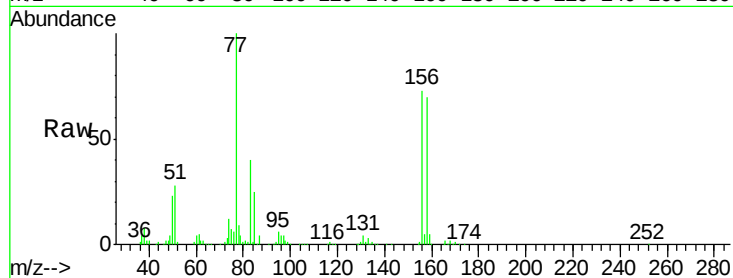
Tot Ion:156 Resp: 62970

Ion Ratio Lower Upper

156 100

77 143.7 66.8 200.6

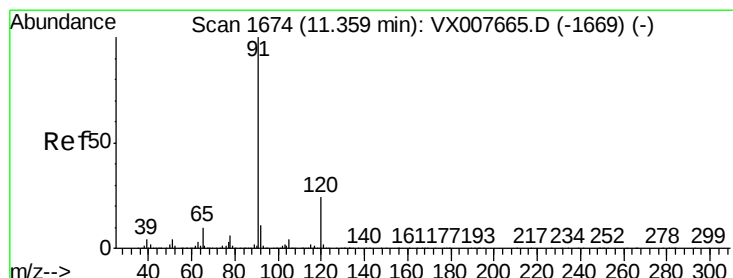
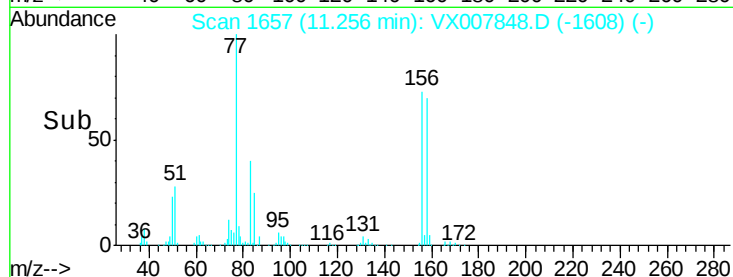
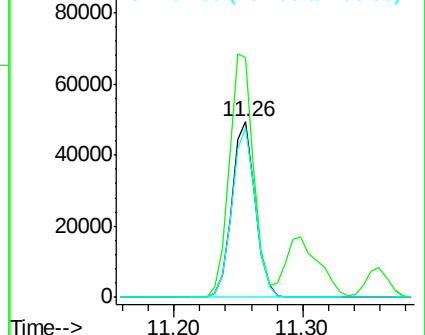
158 96.9 47.9 143.8



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: 17.297 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007848.D

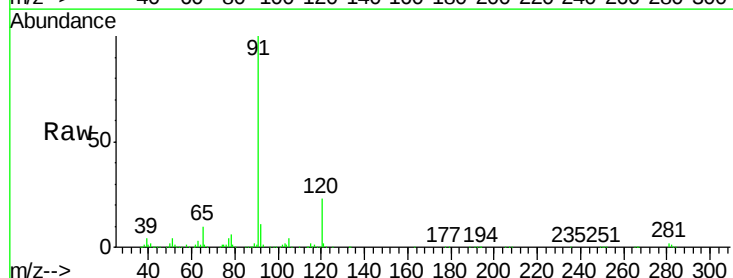
Acq: 05 Mar 2019 20:08

Tgt Ion: 91 Resp: 260404

Ion Ratio Lower Upper

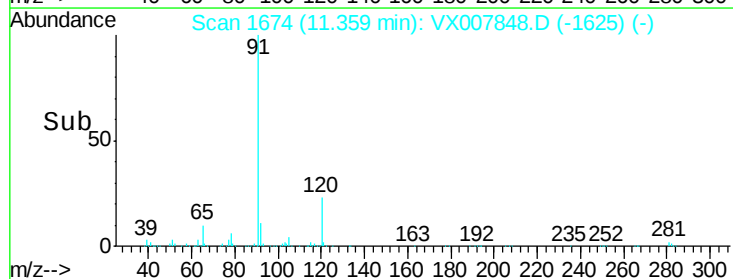
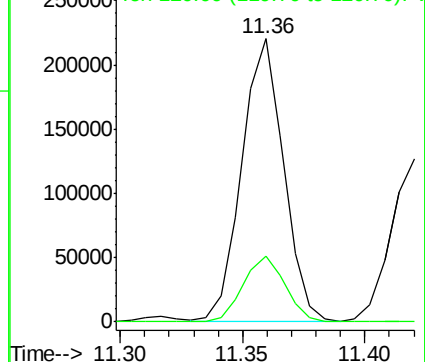
91 100

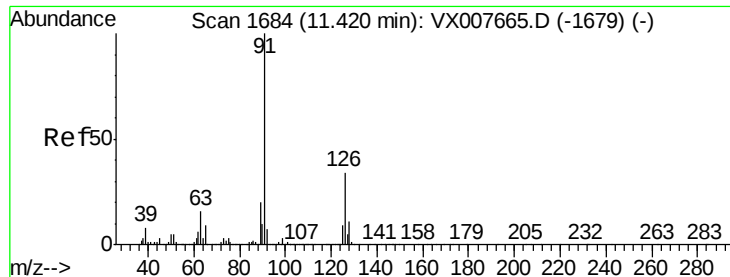
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.092 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

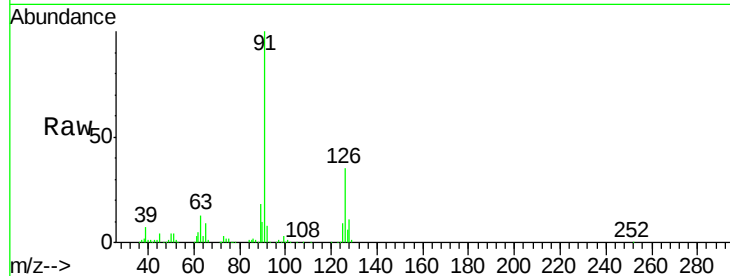
VX0305WBSD01

Tot Ion: 91 Resp: 154938

Ion Ratio Lower Upper

91 100

126 35.5 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

250000

200000

150000

100000

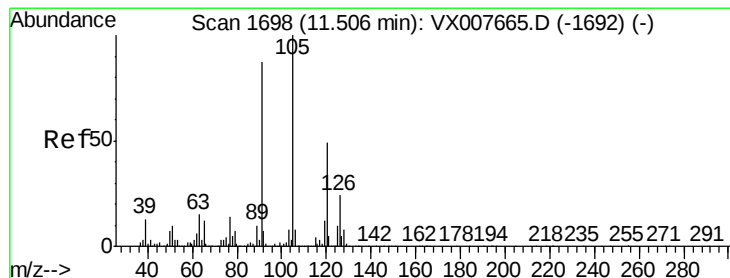
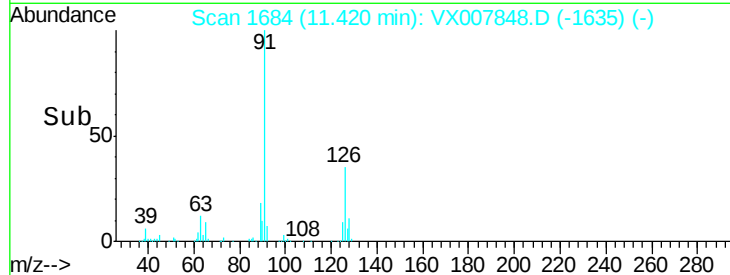
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.524 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007848.D

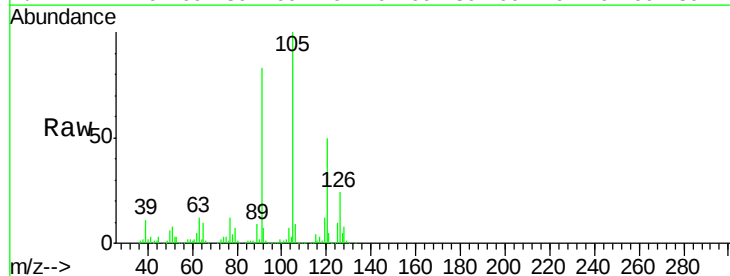
Acq: 05 Mar 2019 20:08

Tgt Ion:105 Resp: 192046

Ion Ratio Lower Upper

105 100

120 49.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

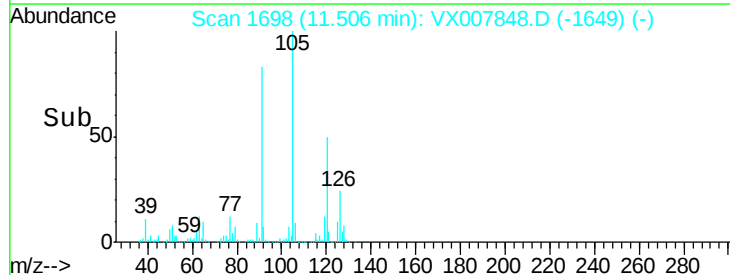
50000

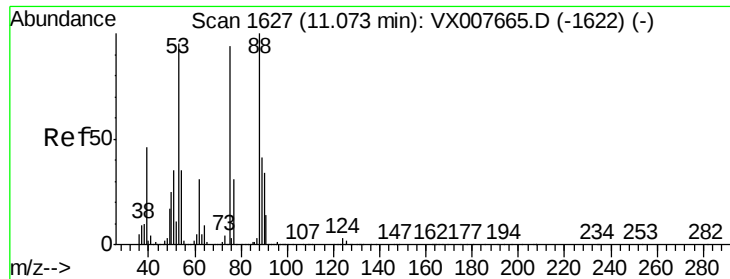
0

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.238 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

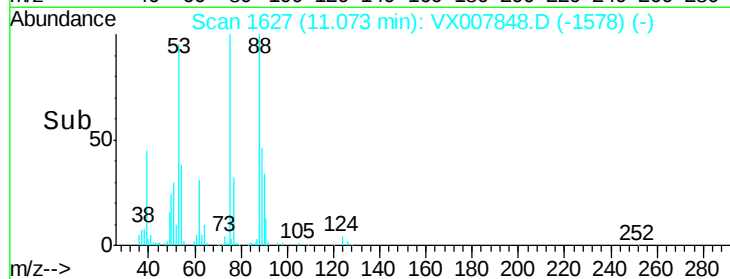
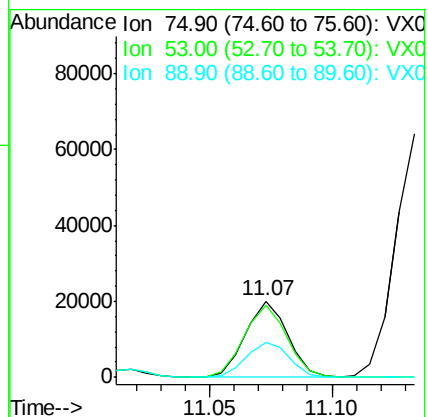
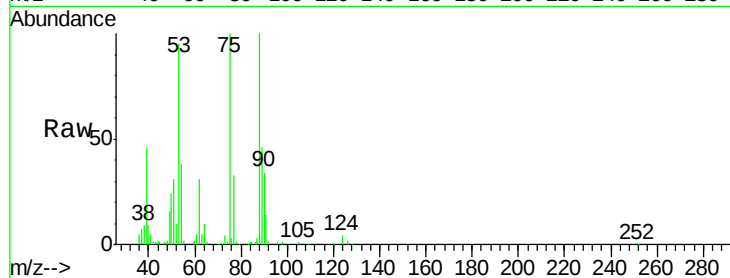
Tot Ion: 75 Resp: 24027

Ion Ratio Lower Upper

75 100

53 97.7 81.0 121.6

89 47.5 41.4 62.0



#82

4-Chlorotoluene

Concen: 16.825 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007848.D

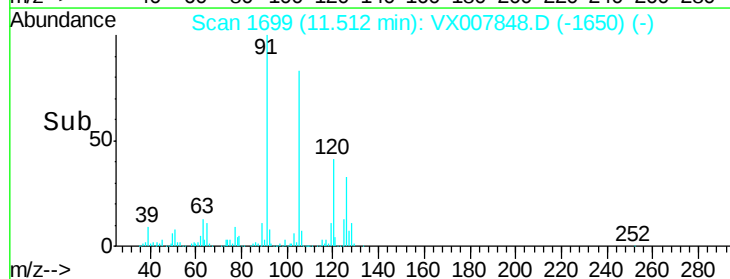
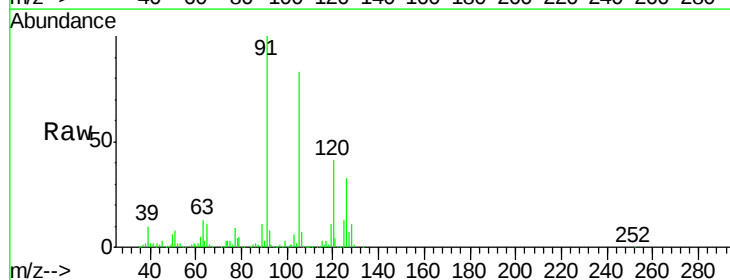
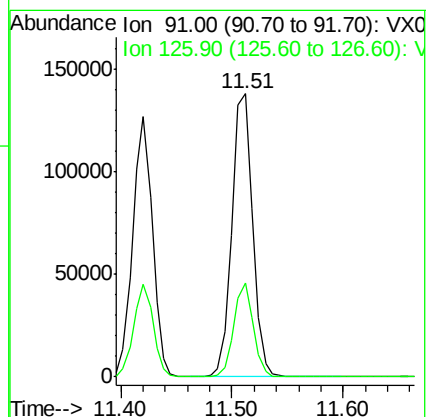
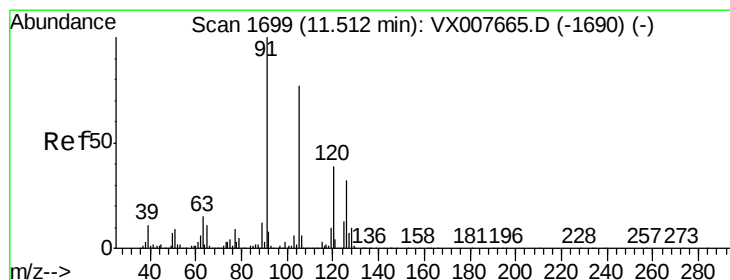
Acq: 05 Mar 2019 20:08

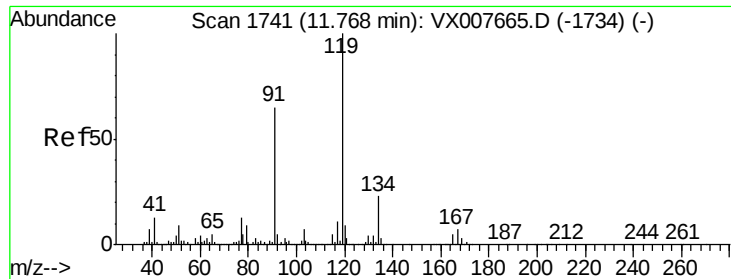
Tgt Ion: 91 Resp: 178417

Ion Ratio Lower Upper

91 100

126 31.1 16.2 48.5

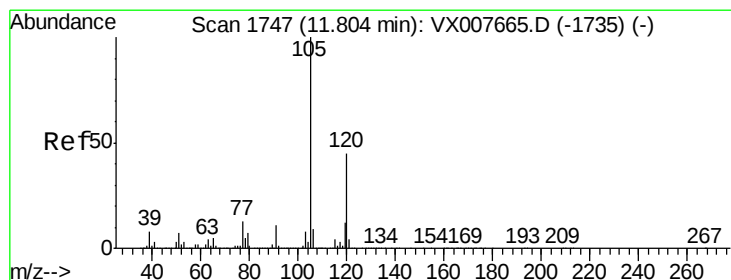
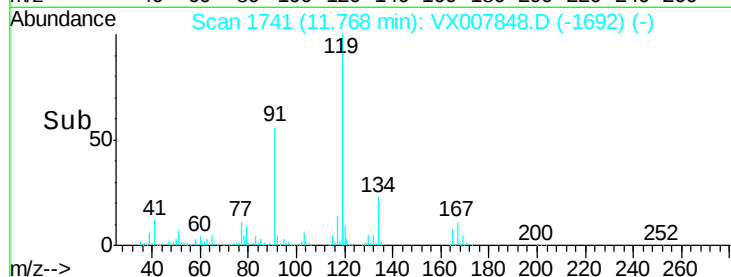
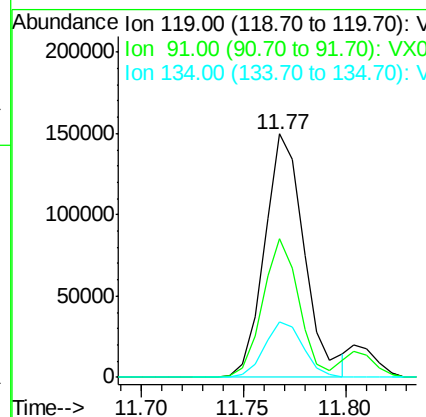
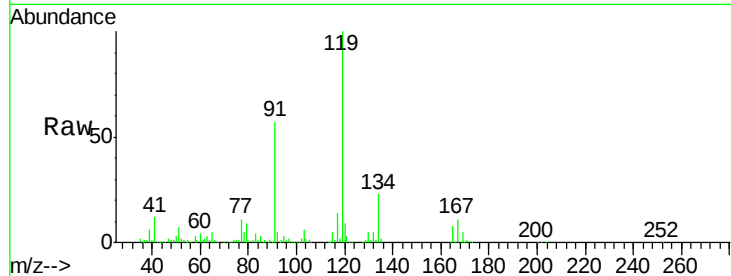




#83
 tert-Butylbenzene
 Concen: 19.341 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

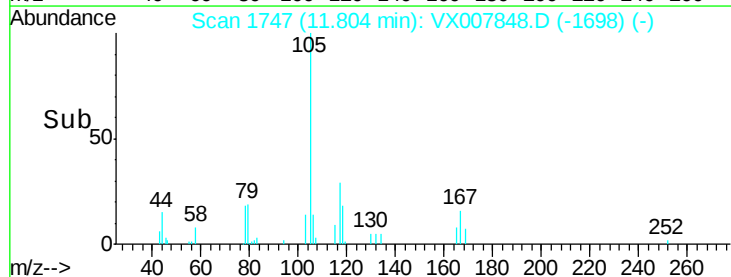
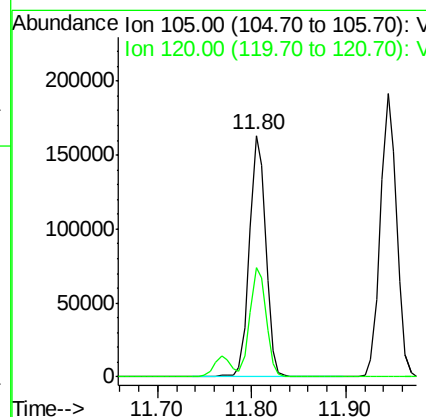
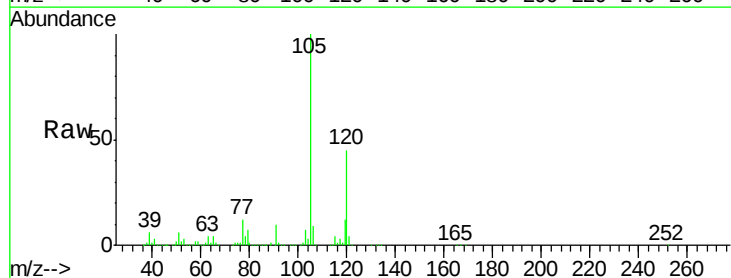
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

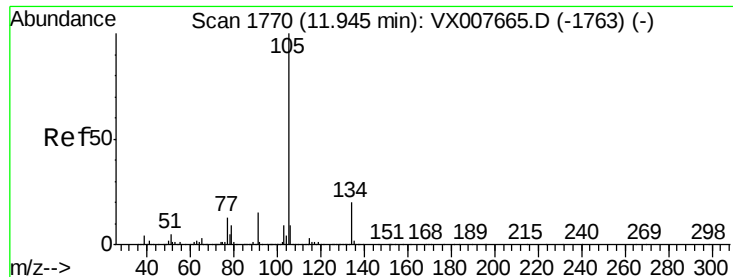
Tot Ion	Ratio	Lower	Upper
119	100		
91	52.0	28.5	85.6
134	22.0	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.594 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 17.405 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

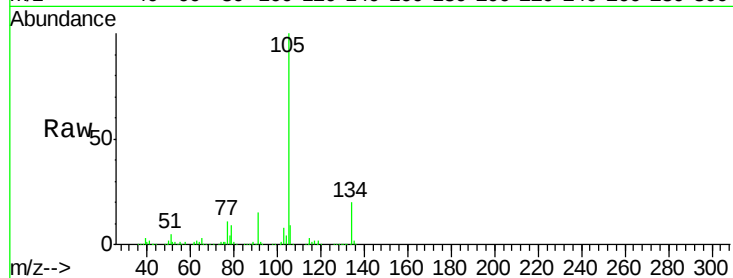
VX0305WBSD01

Tot Ion:105 Resp: 229492

Ion Ratio Lower Upper

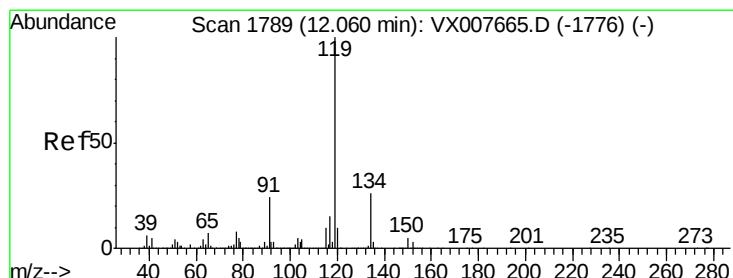
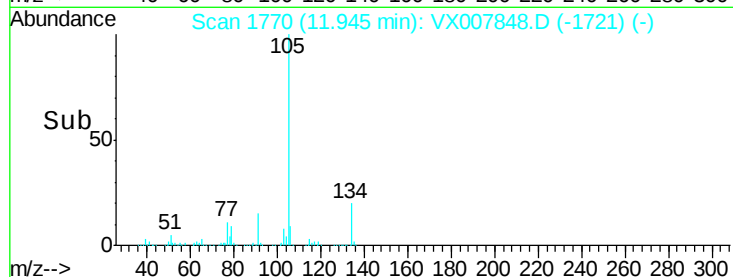
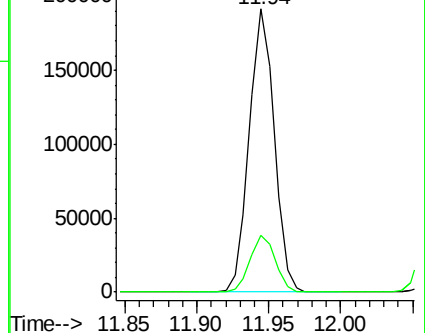
105 100

134 20.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.856 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

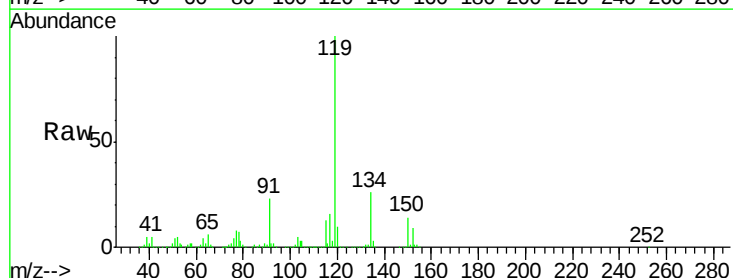
Tgt Ion:119 Resp: 206182

Ion Ratio Lower Upper

119 100

134 26.0 13.7 41.1

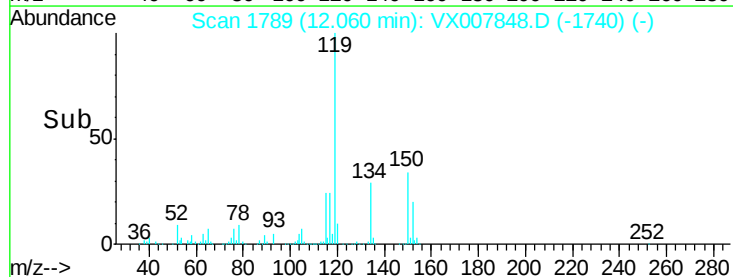
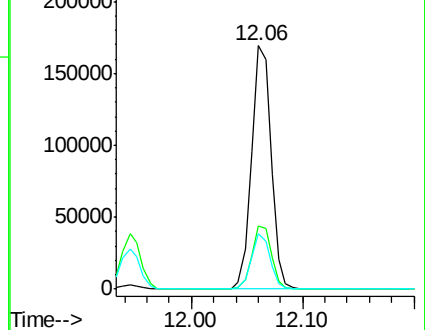
91 21.9 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

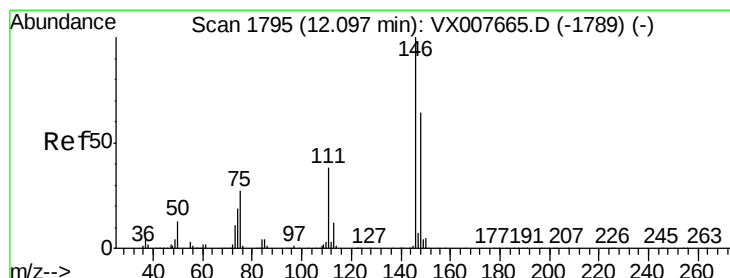
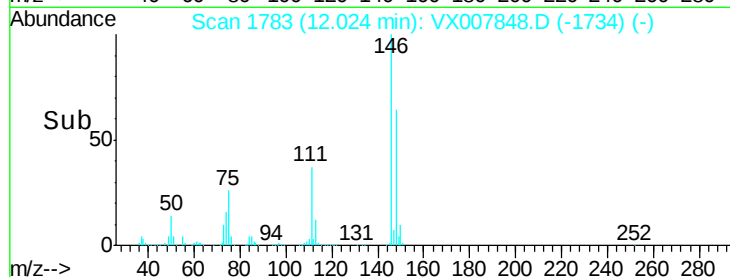
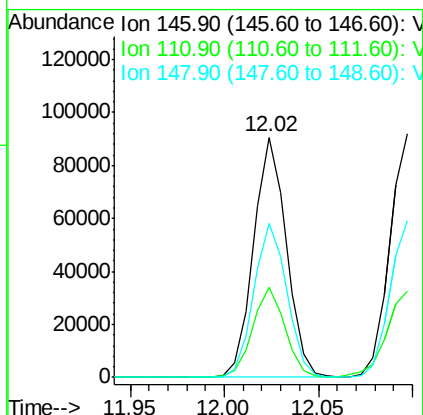
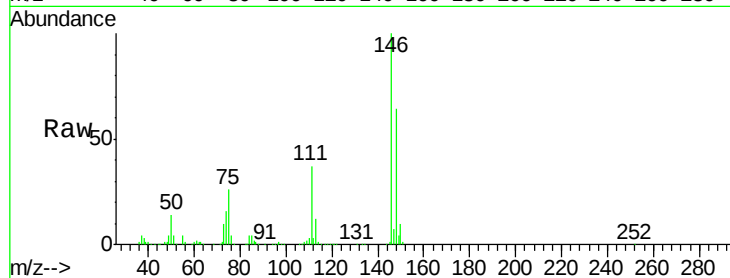




#87
 1,3-Dichlorobenzene
 Concen: 17.637 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

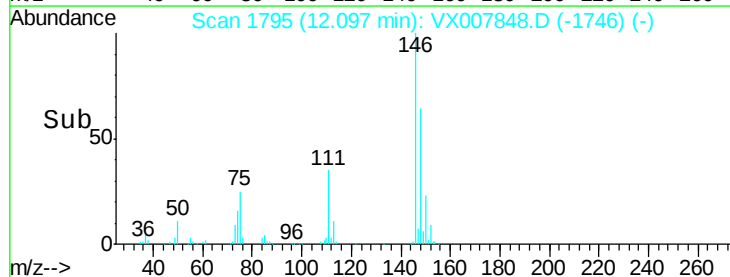
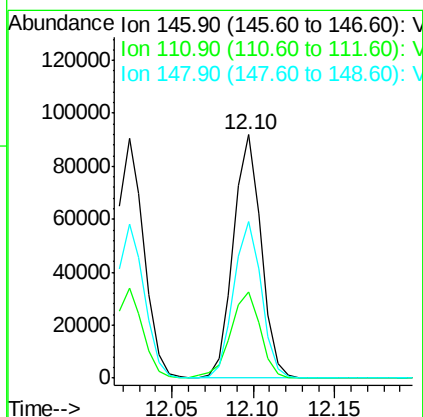
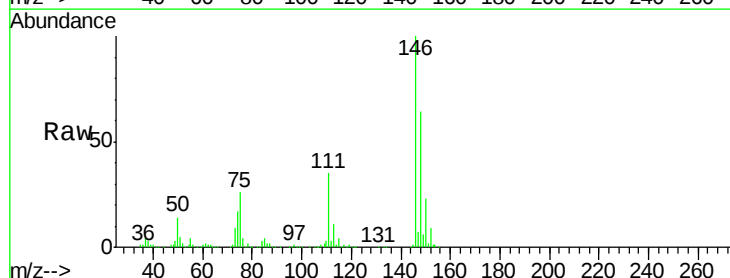
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

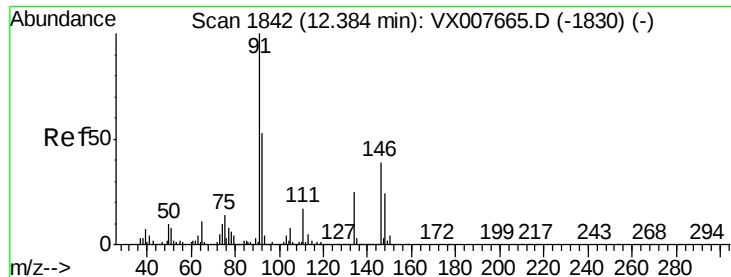
Tot Ion:146 Resp: 109319
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.193 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion:146 Resp: 109143
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.1
 148 64.5 32.3 96.9

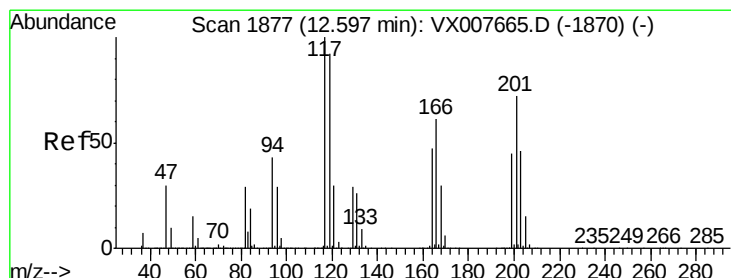
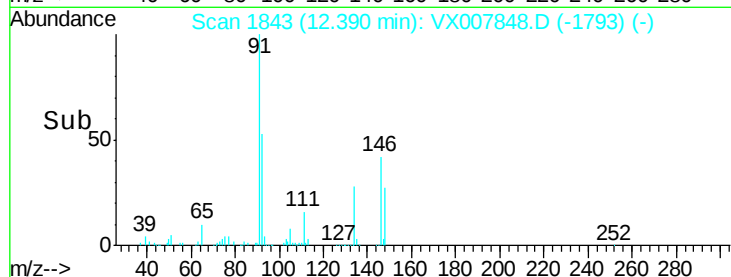
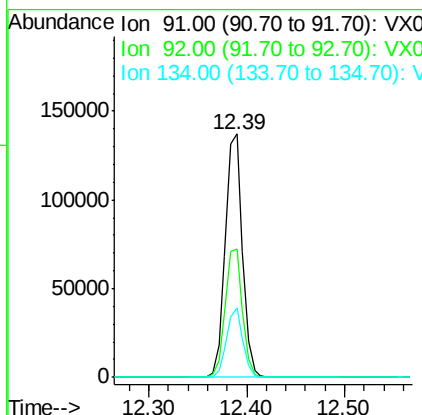
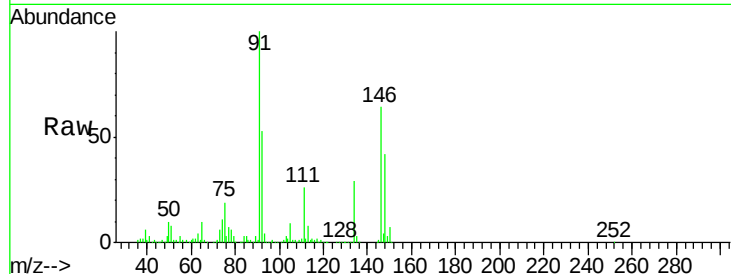




#89
n-Butylbenzene
Concen: 16.224 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

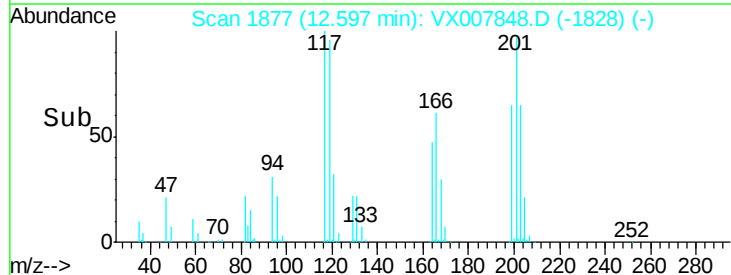
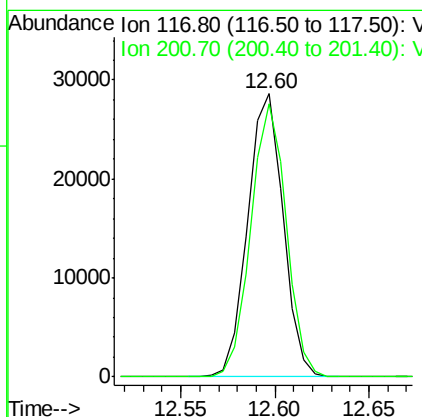
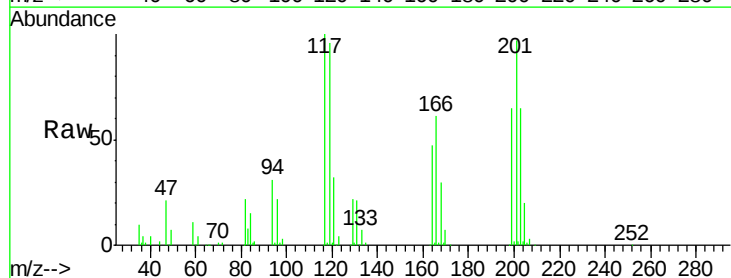
Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

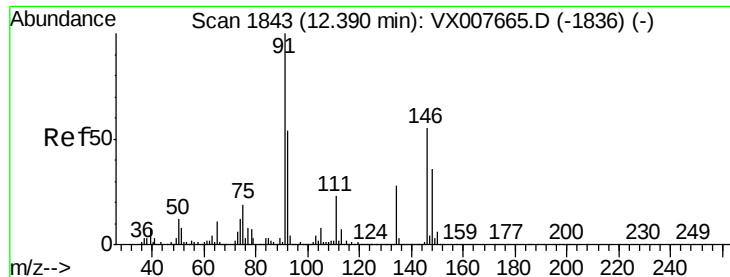
Tot Ion: 91 Resp: 167070
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 27.0 13.9 41.6



#90
Hexachloroethane
Concen: 19.195 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007848.D
Acq: 05 Mar 2019 20:08

Tgt Ion: 117 Resp: 37345
Ion Ratio Lower Upper
117 100
201 96.1 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 17.724 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

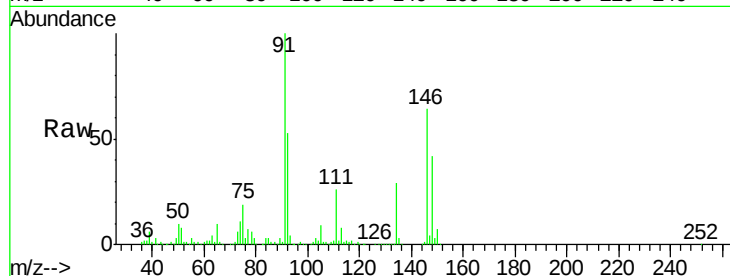
Tot Ion:146 Resp: 109922

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

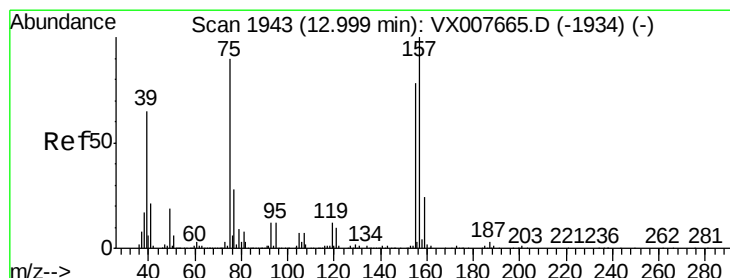
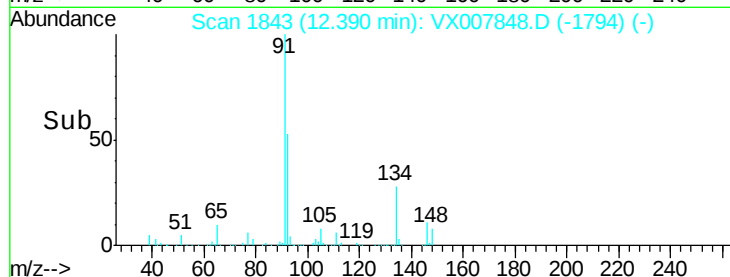
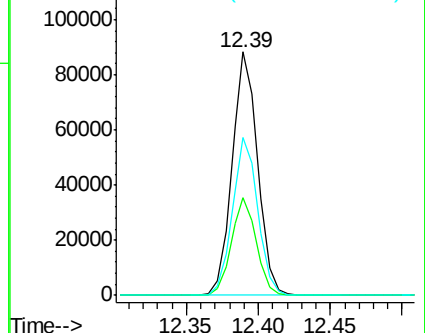
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.412 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

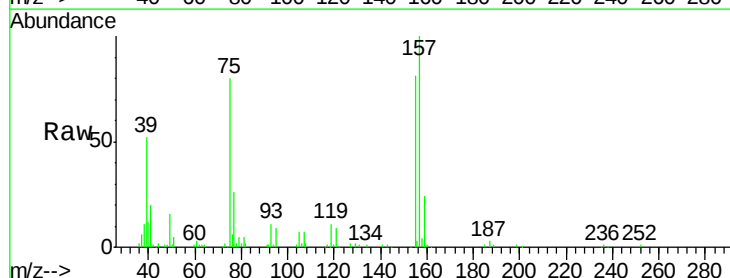
Tgt Ion: 75 Resp: 17482

Ion Ratio Lower Upper

75 100

155 101.4 49.6 149.0

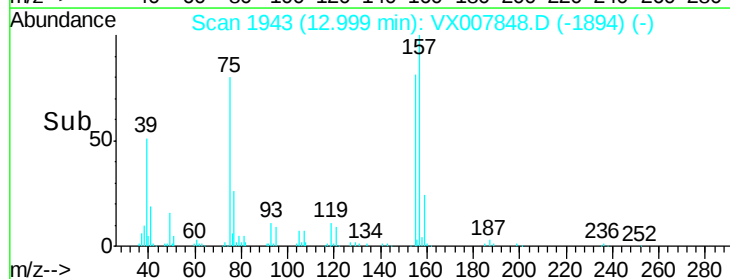
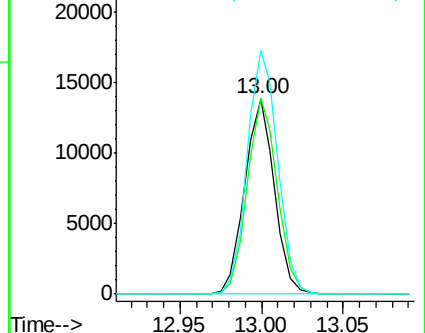
157 128.3 65.1 195.3



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

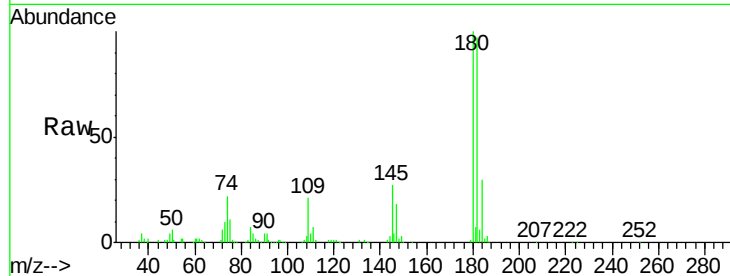




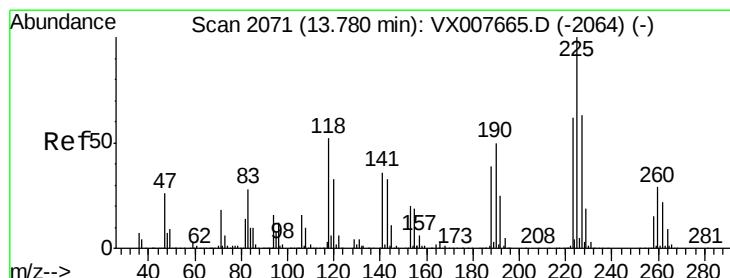
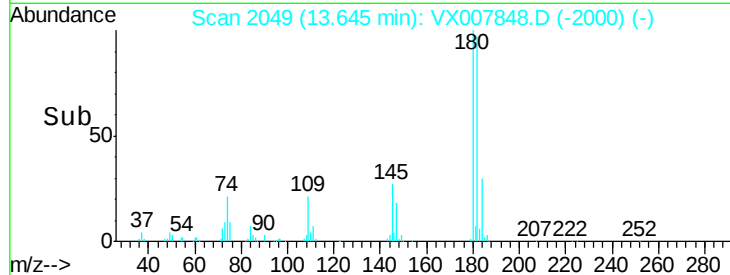
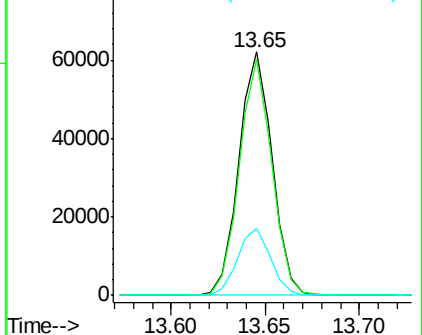
#93
 1,2,4-Trichlorobenzene
 Concen: 19.989 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion:180 Resp: 75672
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.3
 145 27.4 14.1 42.2

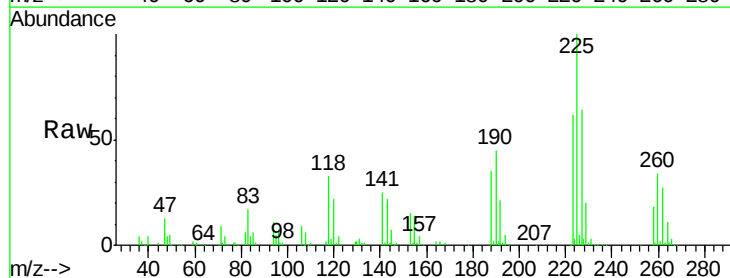


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

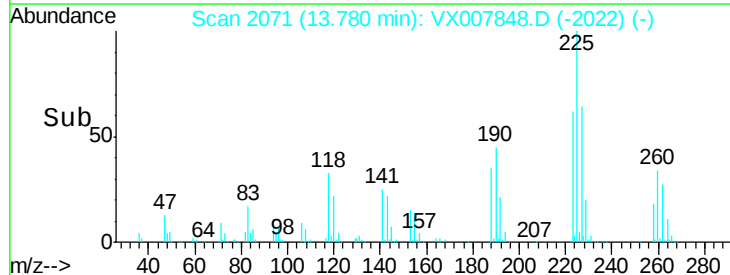
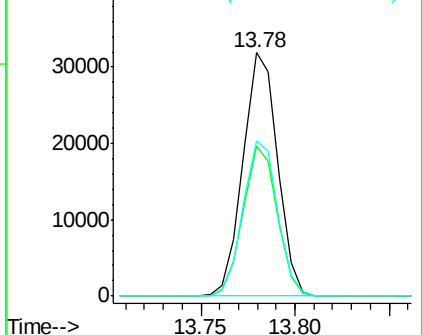


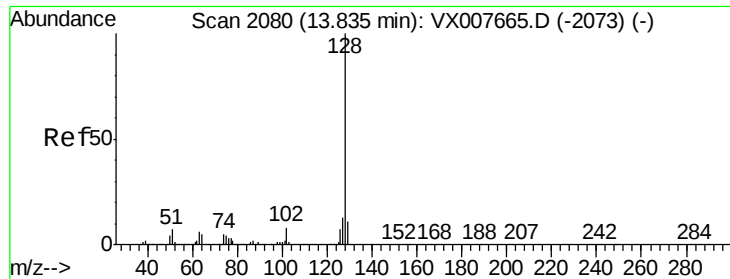
#94
 Hexachlorobutadiene
 Concen: 23.388 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007848.D
 Acq: 05 Mar 2019 20:08

Tgt Ion:225 Resp: 40505
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.6 94.8
 227 63.8 32.1 96.3



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





#95

Naphthalene

Concen: 18.579 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

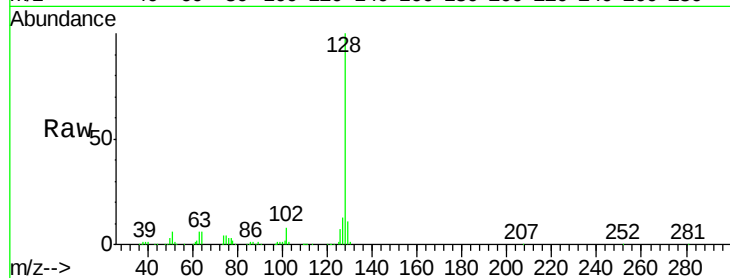
Tot Ion:128 Resp: 227880

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

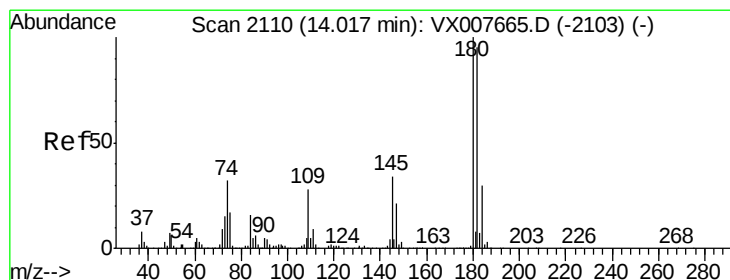
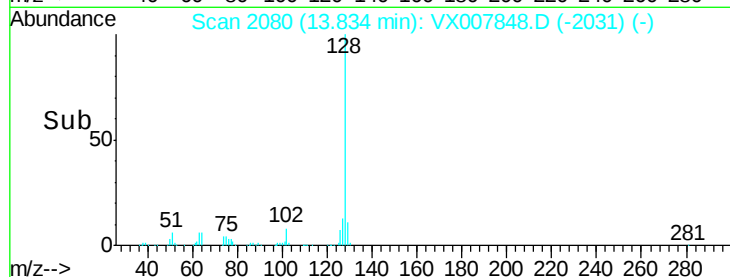
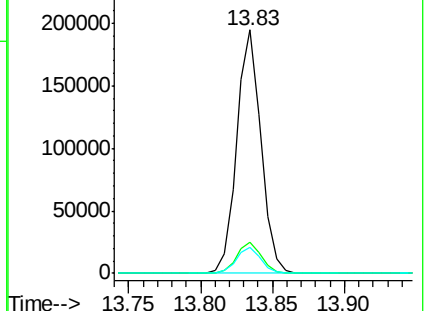
129 10.7 8.7 13.1



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: 20.072 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007848.D

Acq: 05 Mar 2019 20:08

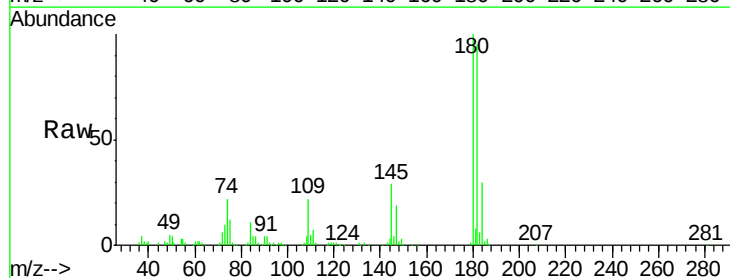
Tgt Ion:180 Resp: 76299

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.6

145 29.2 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

