

Data File : VX007333.D
Acq On : 01 Feb 2019 13:22
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Feb 02 01:41:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	527206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	749627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	706902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380944	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	260701	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
35) Dibromofluoromethane	5.50	113	233370	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	894952	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	330090	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	321395	49.611	ug/l	96
3) Chloromethane	1.33	50	290138	48.860	ug/l	99
4) Vinyl Chloride	1.41	62	292797	50.260	ug/l	99
5) Bromomethane	1.64	94	283561	49.220	ug/l	98
6) Chloroethane	1.72	64	175069	46.456	ug/l	99
7) Trichlorofluoromethane	1.93	101	431535	47.353	ug/l	98
8) Diethyl Ether	2.19	74	157318	45.864	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	252545	46.588	ug/l	99
10) Methyl Iodide	2.51	142	369642	46.354	ug/l	99
11) Tert butyl alcohol	3.06	59	280680	242.369	ug/l	99
12) 1,1-Dichloroethene	2.37	96	228494	45.392	ug/l	99
13) Acrolein	2.29	56	139519	256.918	ug/l	99
14) Allyl chloride	2.73	41	393744	48.007	ug/l	99
15) Acrylonitrile	3.15	53	667589	233.030	ug/l	99
16) Acetone	2.45	43	629275	245.492	ug/l	97
17) Carbon Disulfide	2.57	76	617194	47.021	ug/l	99
18) Methyl Acetate	2.78	43	327413	49.035	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	746050	45.748	ug/l	97
20) Methylene Chloride	2.85	84	252795	48.269	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	241545	45.046	ug/l	98
22) Diisopropyl ether	3.87	45	704438	46.692	ug/l	98
23) Vinyl Acetate	3.82	43	3036286	242.527	ug/l	99
24) 1,1-Dichloroethane	3.70	63	423075	48.831	ug/l	98
25) 2-Butanone	4.70	43	877112	240.442	ug/l	98
26) 2,2-Dichloropropane	4.59	77	314974	47.737	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	260981	44.560	ug/l	100
28) Bromochloromethane	5.01	49	185723	46.614	ug/l	97
29) Tetrahydrofuran	5.15	42	567032	247.150	ug/l	99
30) Chloroform	5.21	83	417342	46.162	ug/l	98
31) Cyclohexane	5.57	56	368317	47.333	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	366549	48.032	ug/l	99
36) 1,1-Dichloropropene	5.80	75	316888	47.114	ug/l	100
37) Ethyl Acetate	4.85	43	323328	47.555	ug/l	99
38) Carbon Tetrachloride	5.78	117	329655	50.520	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	410551	50.450	ug/l	97
40) Benzene	6.14	78	931497	47.015	ug/l	100
41) Methacrylonitrile	5.06	41	178794	49.066	ug/l	100
42) 1,2-Dichloroethane	6.20	62	319113	46.551	ug/l	100
43) Isopropyl Acetate	6.46	43	523720	49.904	ug/l	100
44) Trichloroethene	7.21	130	281851	47.234	ug/l	98
45) 1,2-Dichloropropane	7.51	63	236494	47.641	ug/l	99
46) Dibromomethane	7.66	93	167436	46.408	ug/l	99
47) Bromodichloromethane	7.90	83	299520	48.984	ug/l	99
48) Methyl methacrylate	7.77	41	268797	51.206	ug/l	99
49) 1,4-Dioxane	7.74	88	122635	1027.087	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1739834	251.837	ug/l	99
52) Toluene	8.78	92	614558	48.077	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	341425	51.983	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	371785	51.473	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	252345	47.358	ug/l	99
56) Ethyl methacrylate	9.18	69	372693	50.501	ug/l	100
57) 1,3-Dichloropropane	9.37	76	397686	46.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	982263	252.519	ug/l	99
59) 2-Hexanone	9.49	43	1340087	249.271	ug/l	99
60) Dibromochloromethane	9.58	129	265548	52.694	ug/l	99
61) 1,2-Dibromoethane	9.67	107	271872	48.180	ug/l	98
64) Tetrachloroethene	9.34	164	303809	45.598	ug/l	99
65) Chlorobenzene	10.13	112	716741	46.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	253799	49.073	ug/l	99
67) Ethyl Benzene	10.25	91	1205492	48.527	ug/l	98
68) m/p-Xylenes	10.36	106	959360	97.152	ug/l	100
69) o-Xylene	10.69	106	464603	48.895	ug/l	100
70) Styrene	10.71	104	758342	49.210	ug/l	99
71) Bromoform	10.85	173	204222	45.423	ug/l	100
73) Isopropylbenzene	11.02	105	1243511	48.036	ug/l	99
74) N-amyl acetate	10.90	43	481294	48.068	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	363511	46.076	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	436006	58.842	ug/l	79
77) Bromobenzene	11.26	156	334716	45.890	ug/l	99
78) n-propylbenzene	11.36	91	1410495	49.688	ug/l	100
79) 2-Chlorotoluene	11.42	91	817734	47.475	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1039988	49.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	112444	47.166	ug/l	99
82) 4-Chlorotoluene	11.51	91	963265	48.331	ug/l	100
83) tert-Butylbenzene	11.77	119	1016901	48.497	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1062214	49.402	ug/l	99
85) sec-Butylbenzene	11.94	105	1274321	50.213	ug/l	100
86) p-Isopropyltoluene	12.06	119	1142341	49.864	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	606428	46.328	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	599132	45.114	ug/l	100
89) n-Butylbenzene	12.38	91	990964	50.284	ug/l	100
90) Hexachloroethane	12.60	117	179504	52.355	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	587062	45.065	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79077	48.205	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020119\
Quantitation Report (Not Reviewed)

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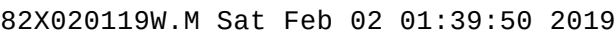
Instrument :
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ClientSampleId :
BFB

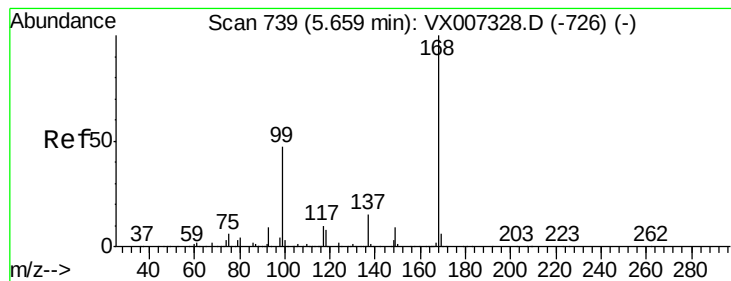
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	415388	47.282	ug/l	99
94) Hexachlorobutadiene	13.78	225	202991	47.584	ug/l	100
95) Naphthalene	13.83	128	1220640	47.512	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	410442	46.413	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007333.D

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Instrument :

MSVOA_X

ClientSampleId :

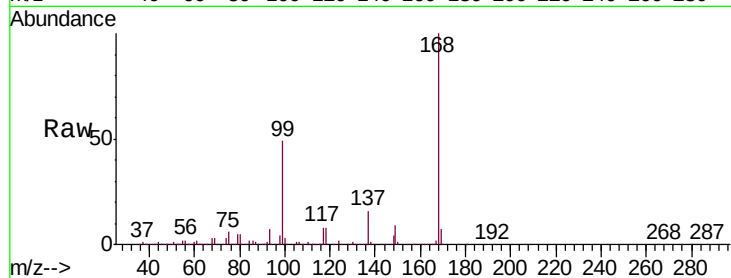
BFB

Tgt Ion:168 Resp: 527206

Ion Ratio Lower Upper

168 100

99 48.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

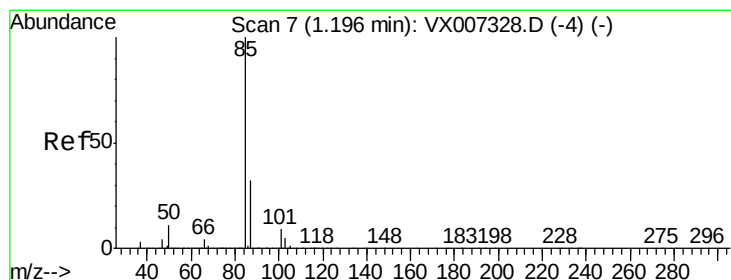
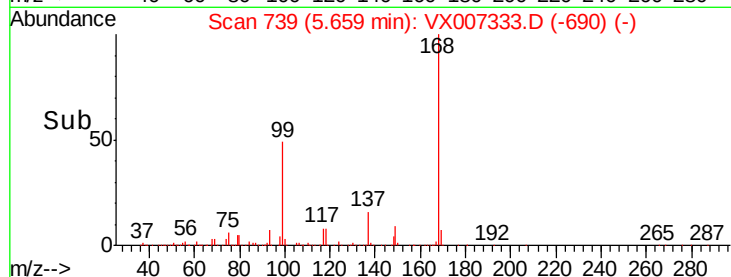
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.611 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007333.D

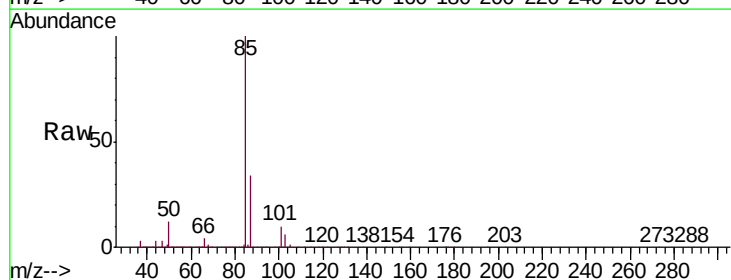
Acq: 01 Feb 2019 13:22

Tgt Ion: 85 Resp: 321395

Ion Ratio Lower Upper

85 100

87 33.7 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

300000

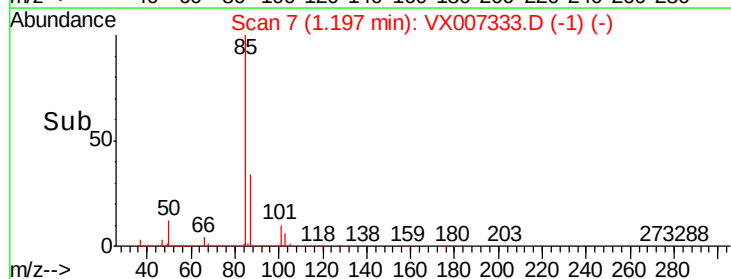
200000

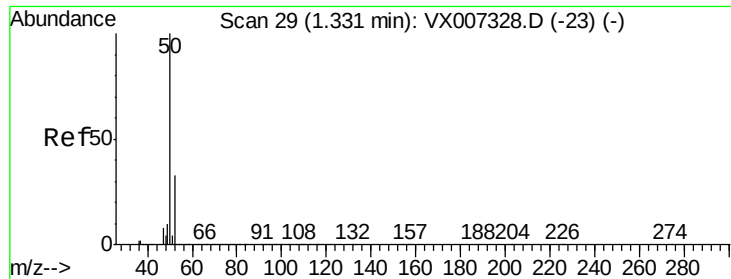
100000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.860 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

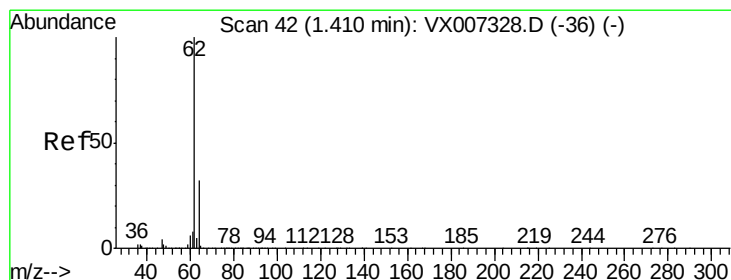
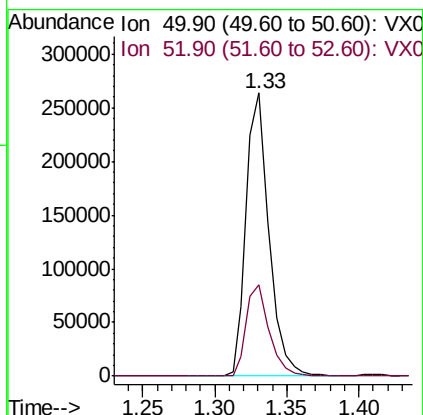
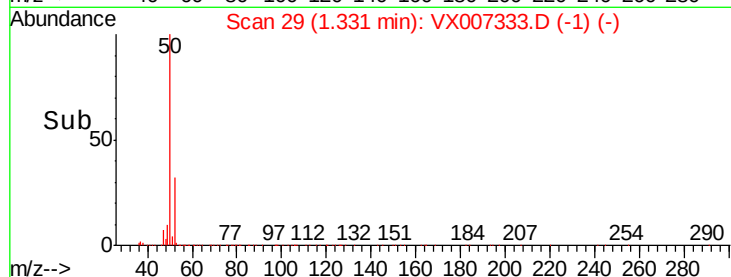
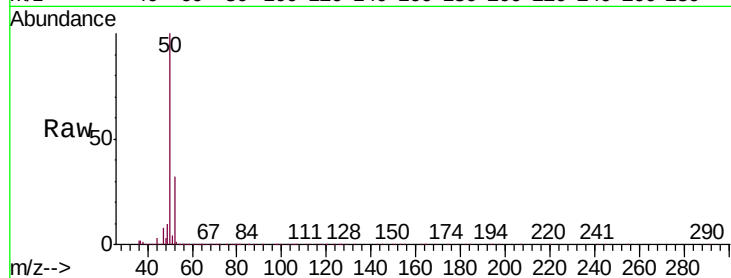
BFB

Tgt Ion: 50 Resp: 290138

Ion Ratio Lower Upper

50 100

52 32.1 26.1 39.1



#4

Vinyl Chloride

Concen: 50.260 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007333.D

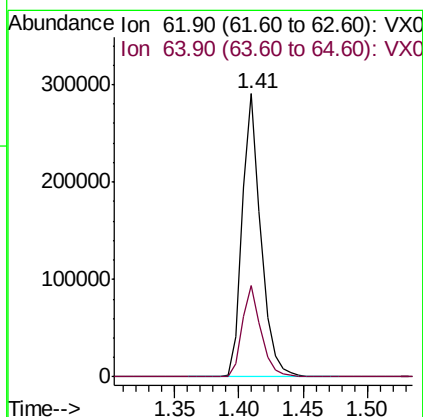
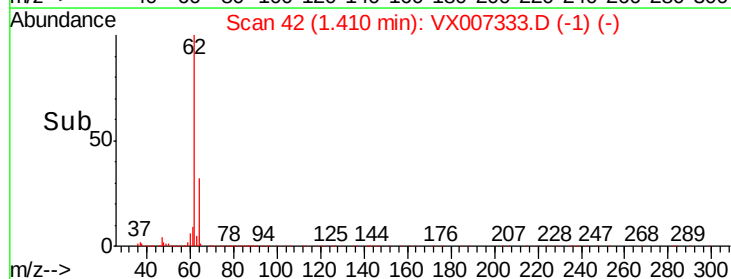
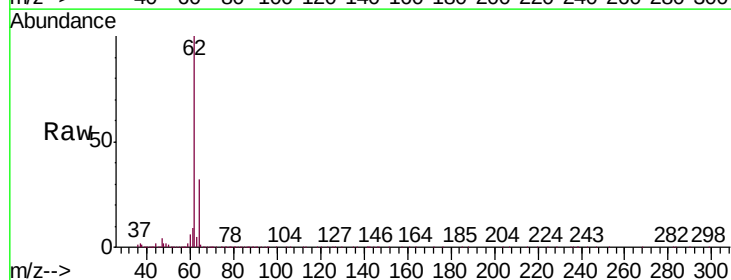
Acq: 01 Feb 2019 13:22

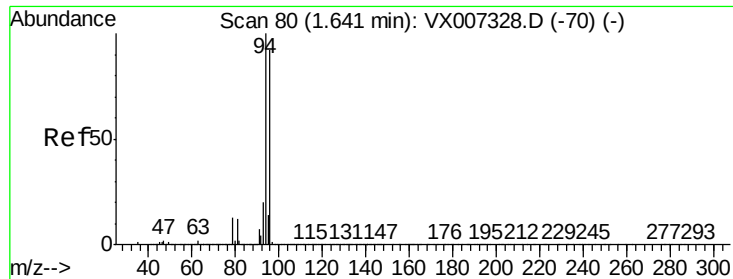
Tgt Ion: 62 Resp: 292797

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 49.220 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

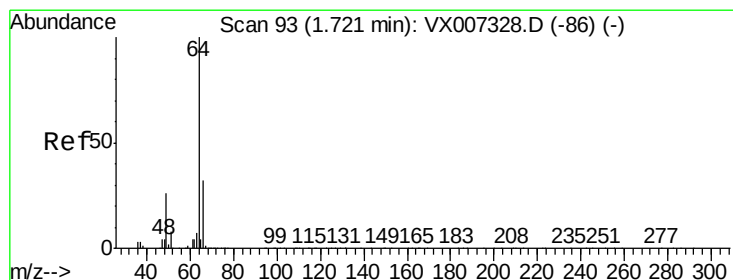
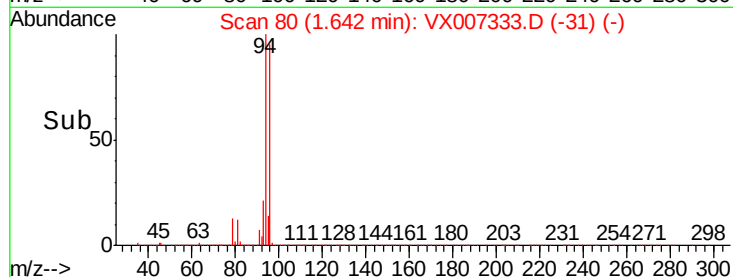
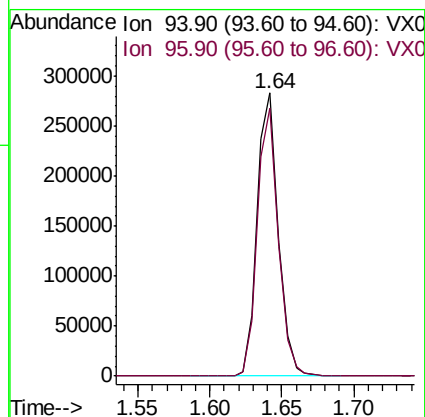
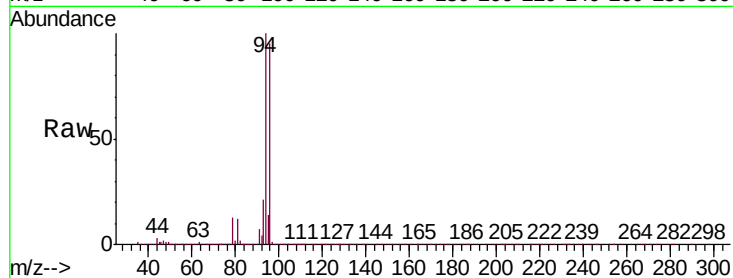
BFB

Tgt Ion: 94 Resp: 283561

Ion Ratio Lower Upper

94 100

96 94.6 73.9 110.9



#6

Chloroethane

Concen: 46.456 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007333.D

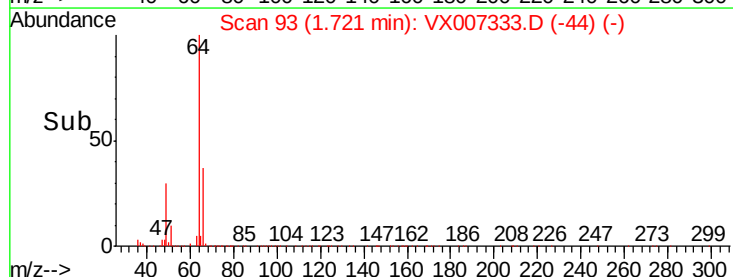
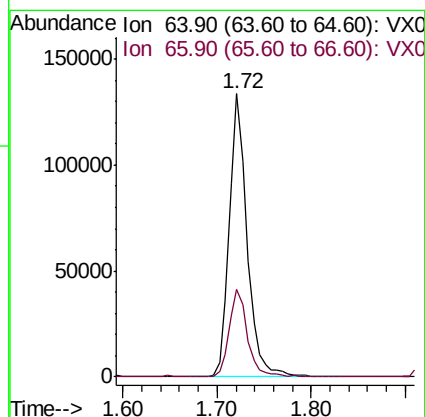
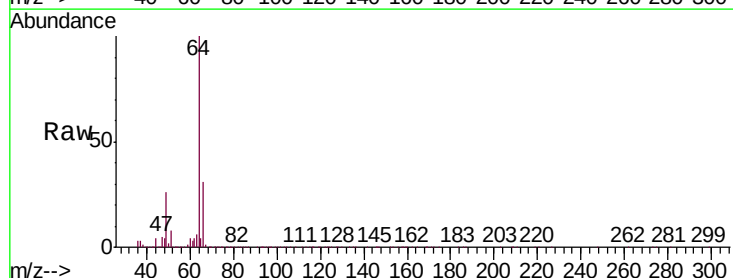
Acq: 01 Feb 2019 13:22

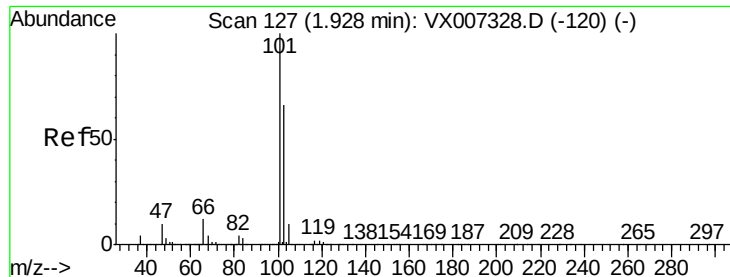
Tgt Ion: 64 Resp: 175069

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3



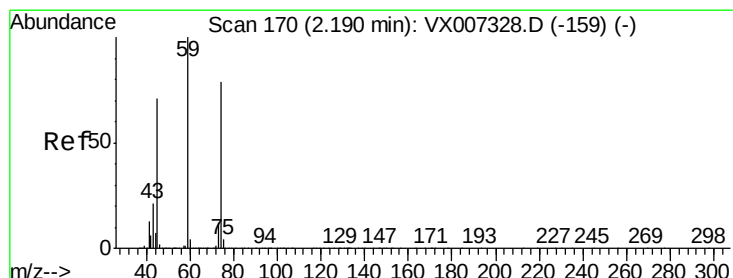
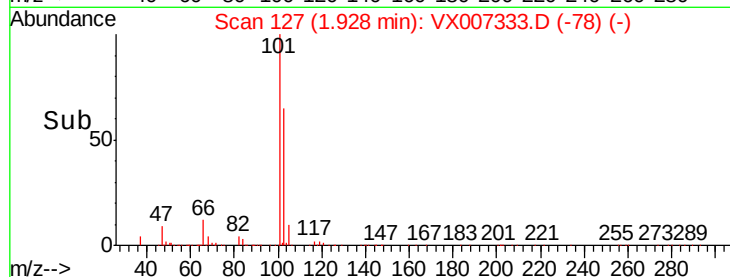
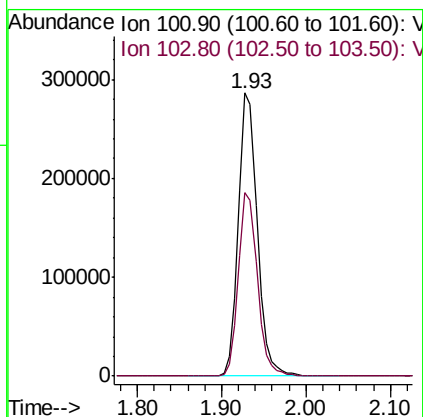
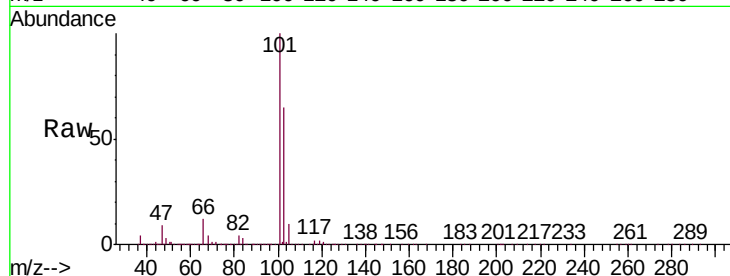


#7

Trichlorofluoromethane
Concen: 47.353 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
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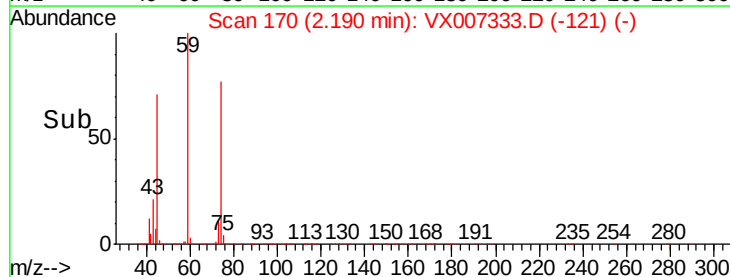
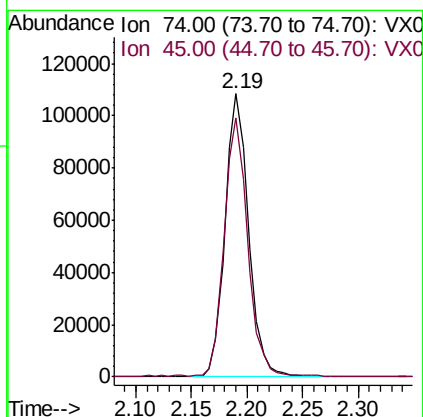
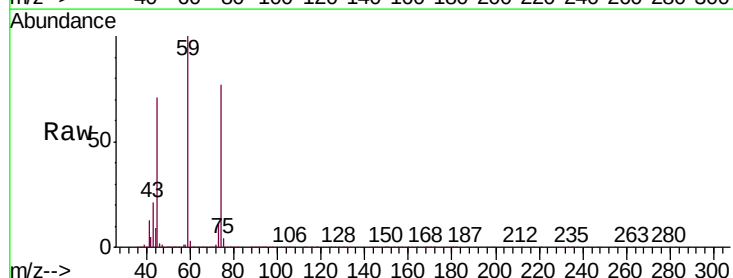
Tgt Ion:101 Resp: 431535
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

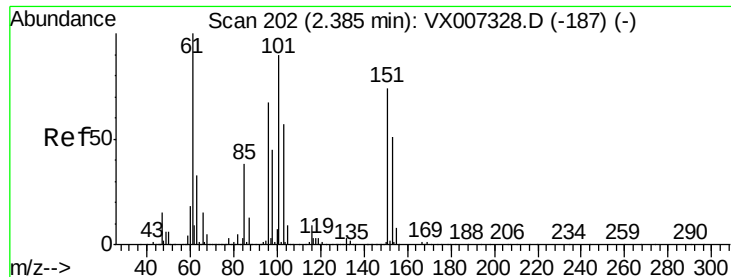


#8

Diethyl Ether
Concen: 45.864 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 74 Resp: 157318
Ion Ratio Lower Upper
74 100
45 91.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.588 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

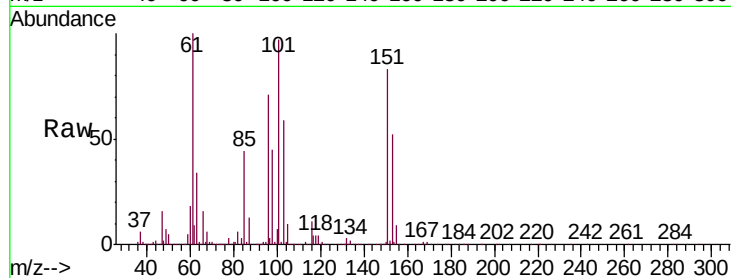
Tgt Ion:101 Resp: 252545

Ion Ratio Lower Upper

101 100

85 44.4 34.1 51.1

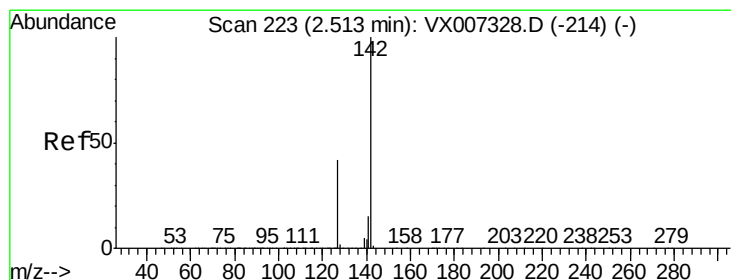
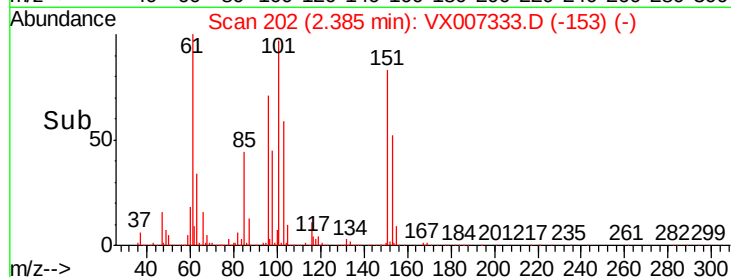
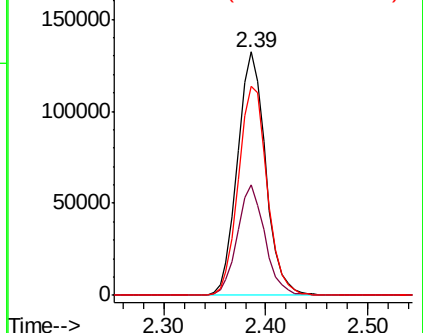
151 87.9 69.9 104.9



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: 46.354 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

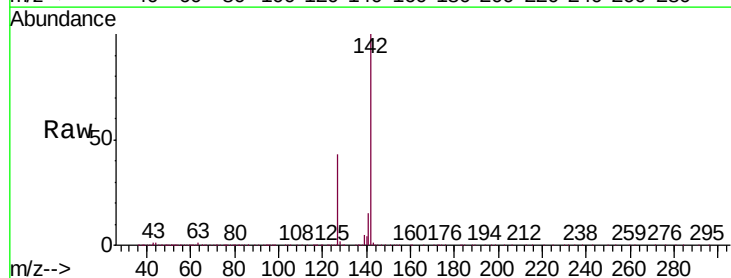
Tgt Ion:142 Resp: 369642

Ion Ratio Lower Upper

142 100

127 42.9 33.7 50.5

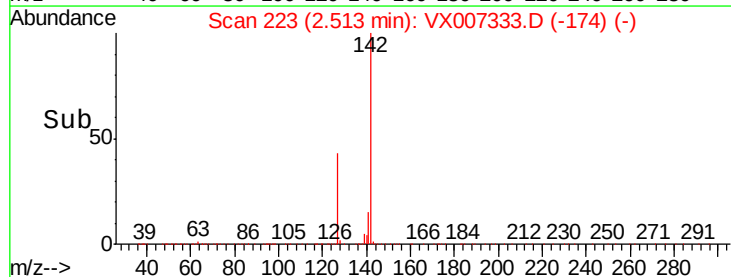
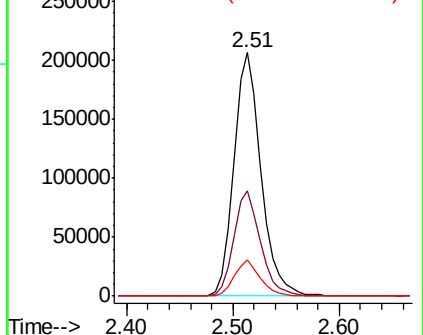
141 14.1 11.3 16.9

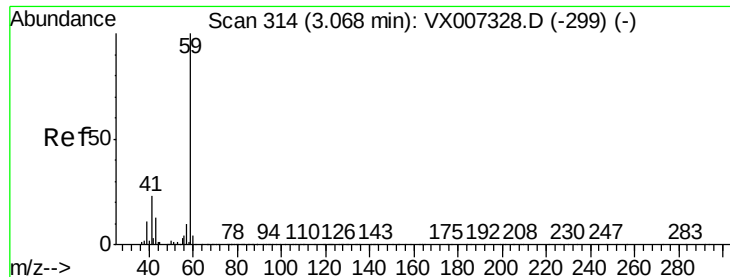


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



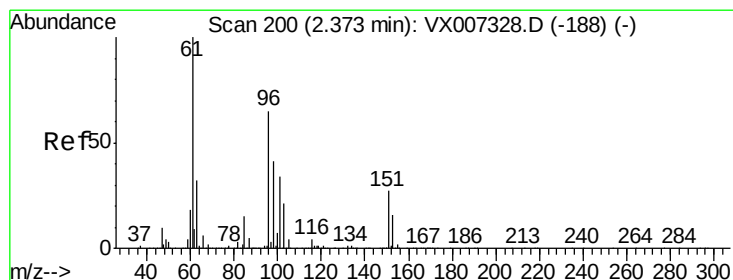
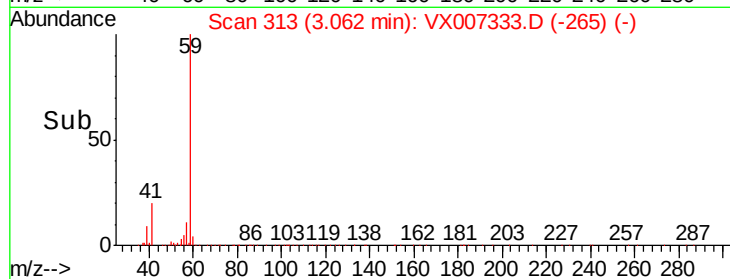
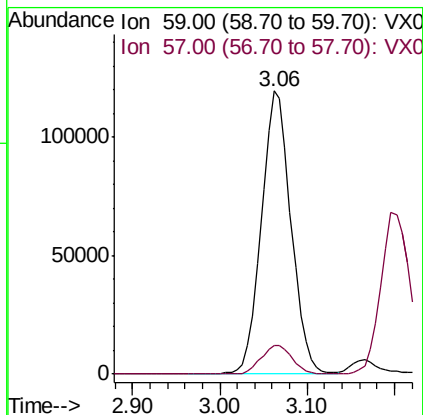
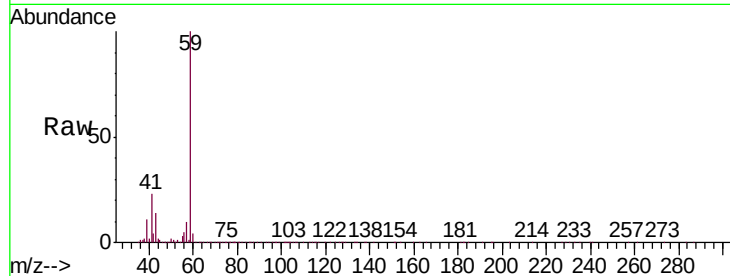


#11

Tert butyl alcohol
Concen: 242.369 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Instrument :
MSVOA_X
ClientSampled :
BFB

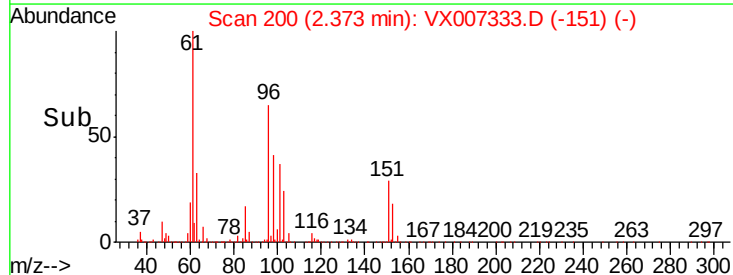
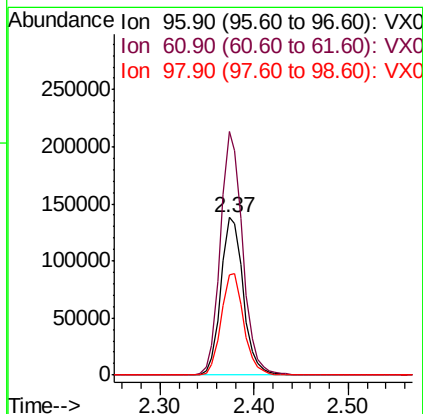
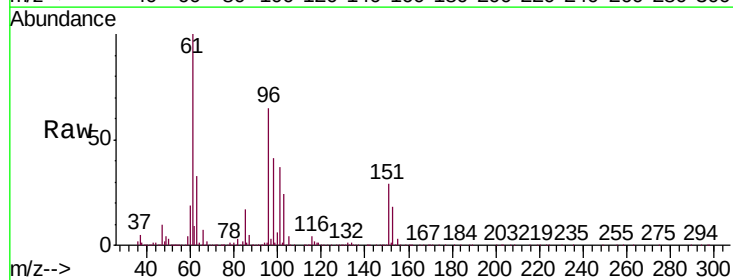
Tgt Ion: 59 Resp: 280680
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

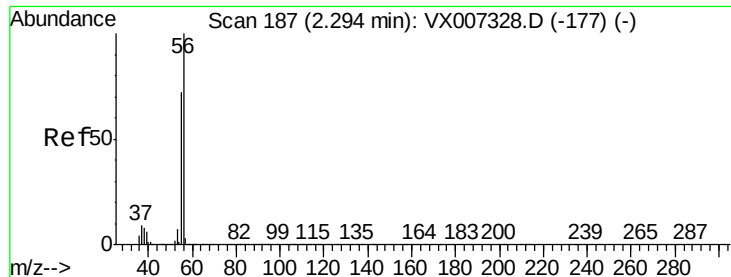


#12

1,1-Dichloroethene
Concen: 45.392 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 96 Resp: 228494
Ion Ratio Lower Upper
96 100
61 154.6 123.0 184.4
98 63.3 50.9 76.3





#13

Acrolein

Concen: 256.918 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

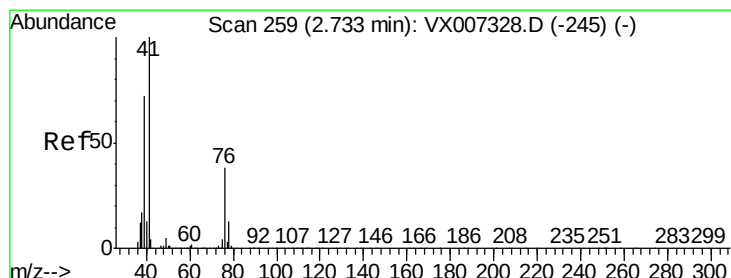
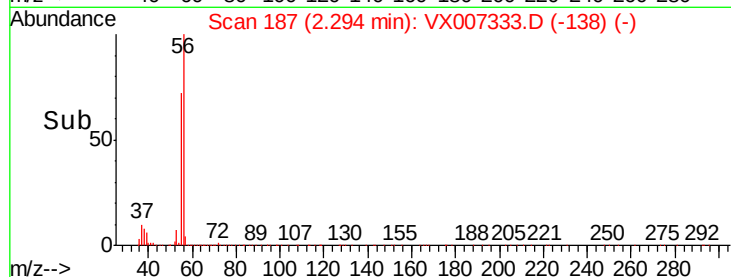
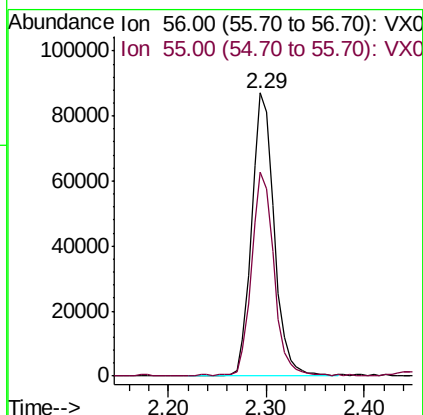
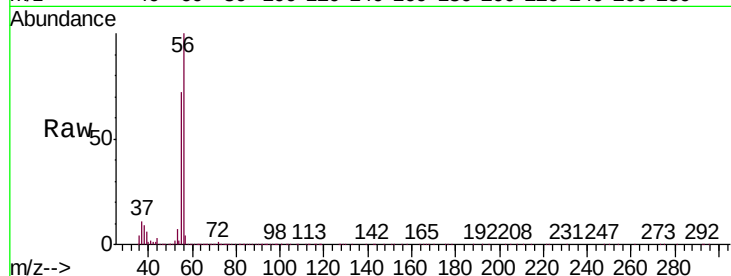
BFB

Tgt Ion: 56 Resp: 139519

Ion Ratio Lower Upper

56 100

55 71.7 56.9 85.3



#14

Allyl chloride

Concen: 48.007 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

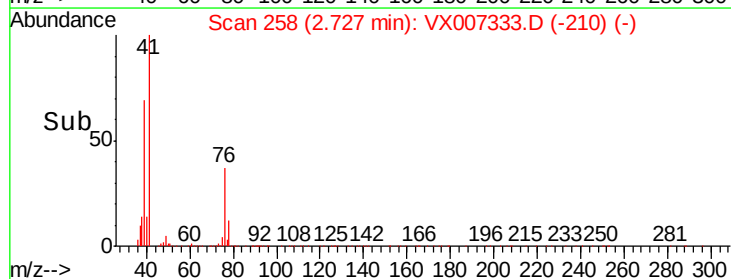
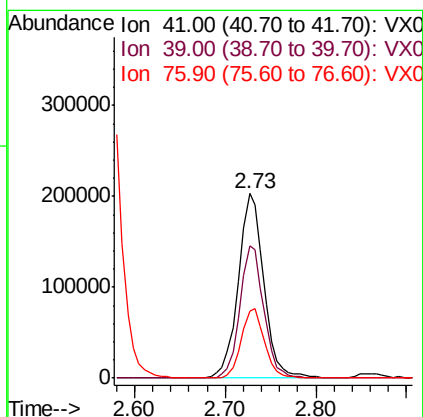
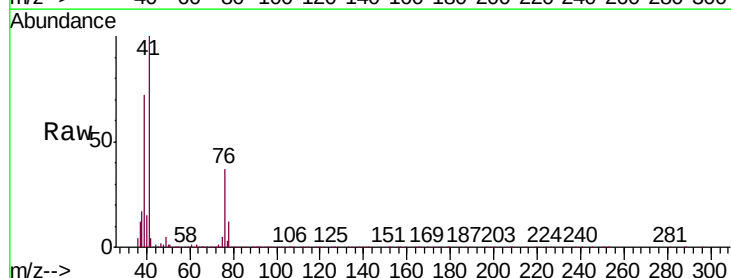
Tgt Ion: 41 Resp: 393744

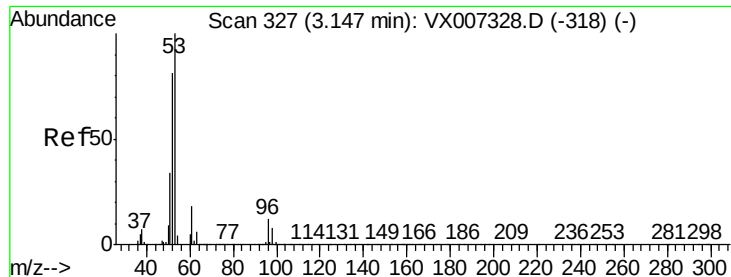
Ion Ratio Lower Upper

41 100

39 67.0 54.1 81.1

76 34.3 27.8 41.8





#15

Acrylonitrile

Concen: 233.030 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

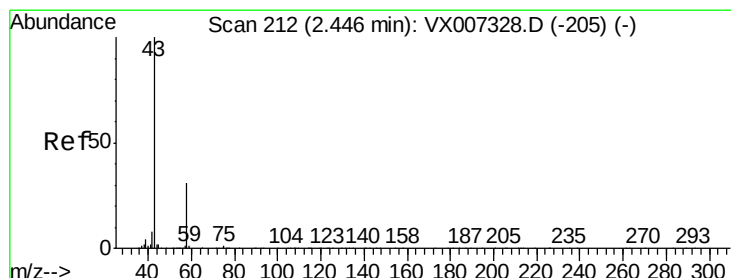
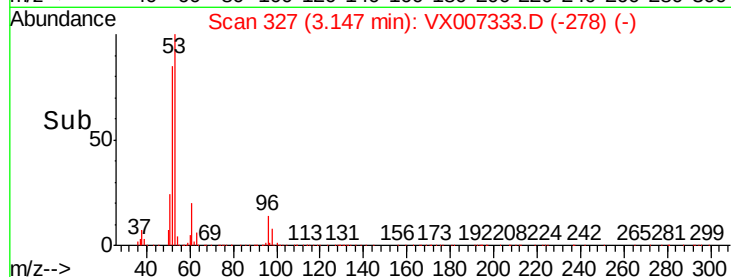
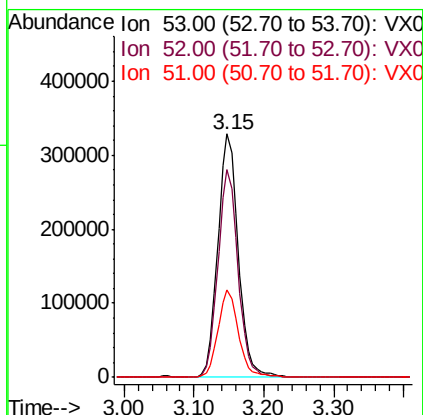
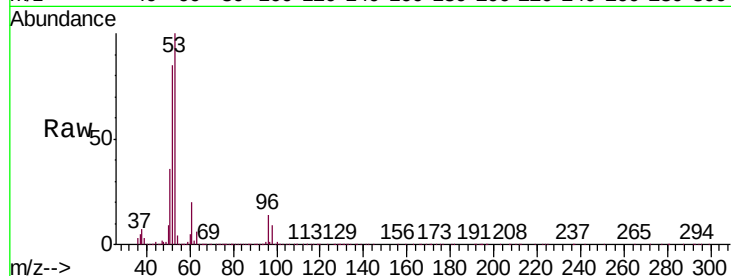
Tgt Ion: 53 Resp: 667589

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 36.2 28.4 42.6



#16

Acetone

Concen: 245.492 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007333.D

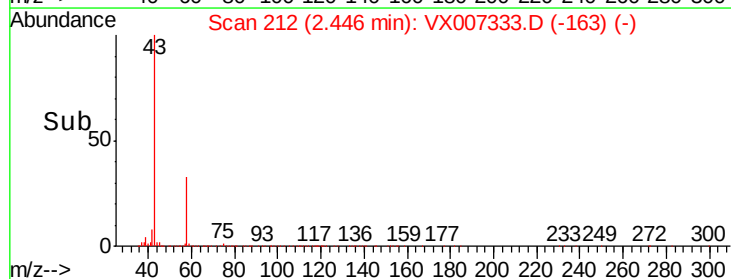
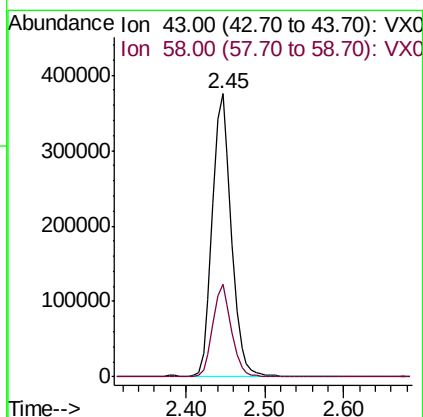
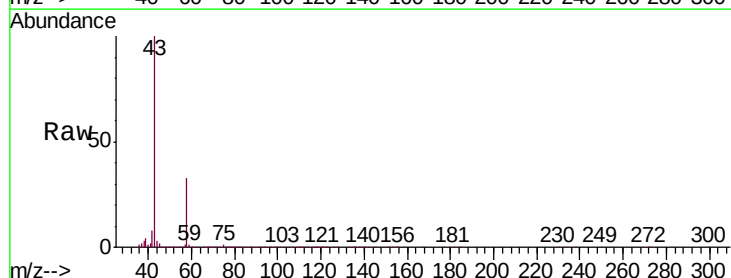
Acq: 01 Feb 2019 13:22

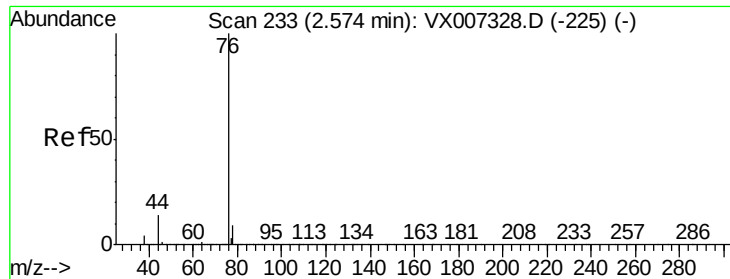
Tgt Ion: 43 Resp: 629275

Ion Ratio Lower Upper

43 100

58 32.8 24.9 37.3





#17

Carbon Disulfide

Concen: 47.021 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

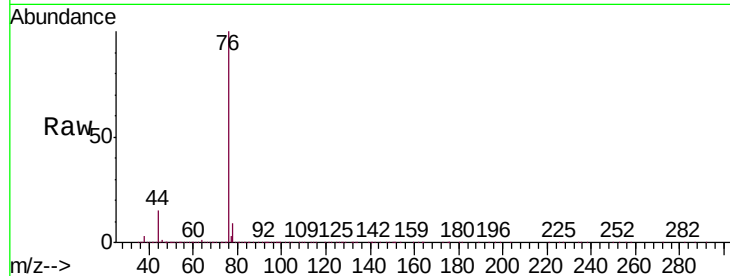
BFB

Tgt Ion: 76 Resp: 617194

Ion Ratio Lower Upper

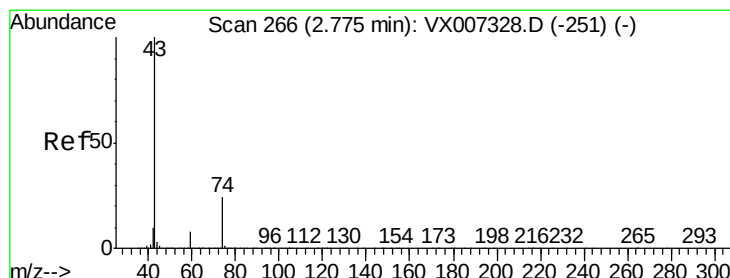
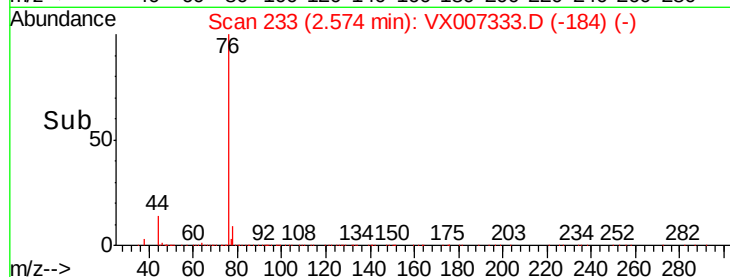
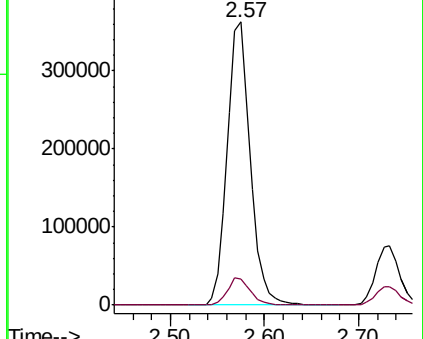
76 100

78 9.3 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: 49.035 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007333.D

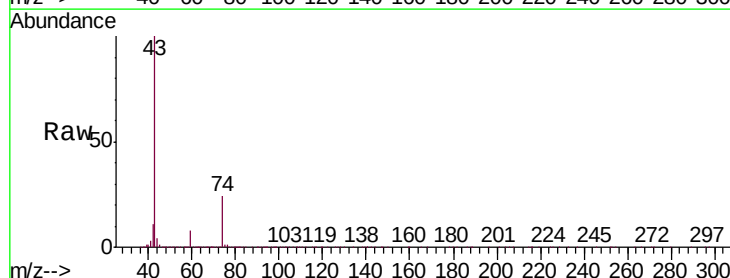
Acq: 01 Feb 2019 13:22

Tgt Ion: 43 Resp: 327413

Ion Ratio Lower Upper

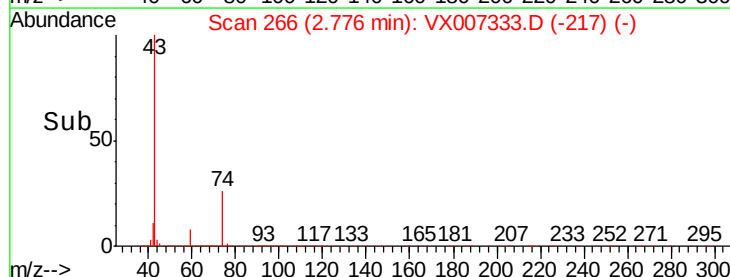
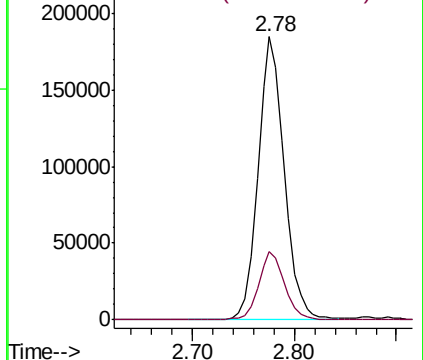
43 100

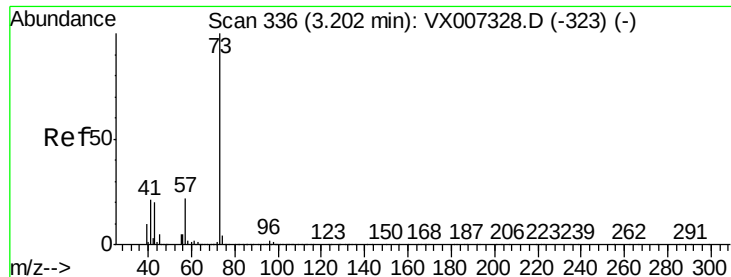
74 24.1 19.4 29.2



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: 45.748 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

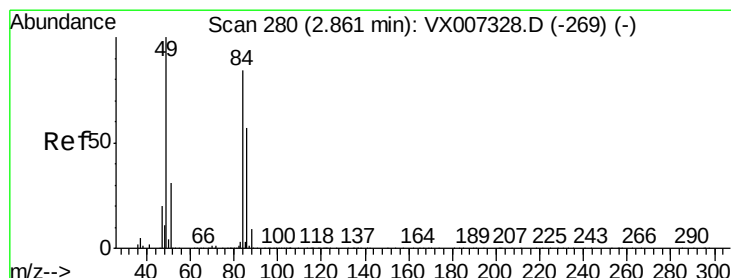
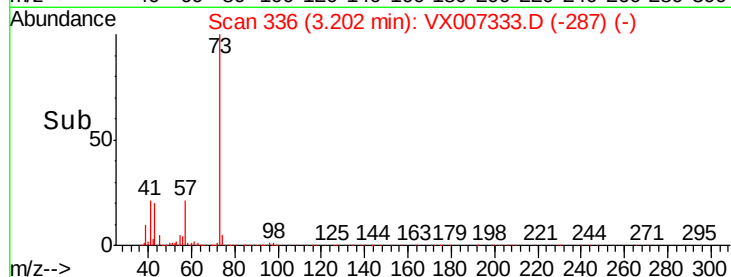
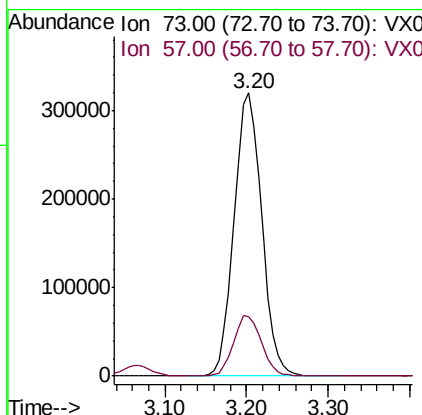
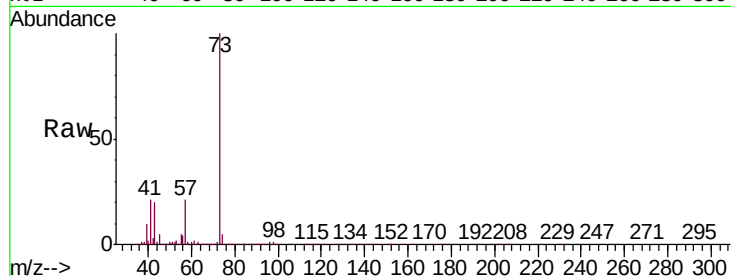
BFB

Tgt Ion: 73 Resp: 746050

Ion Ratio Lower Upper

73 100

57 21.0 17.8 26.8



#20

Methylene Chloride

Concen: 48.269 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Tgt Ion: 84 Resp: 252795

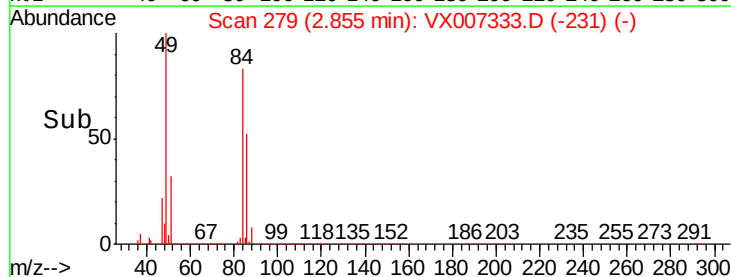
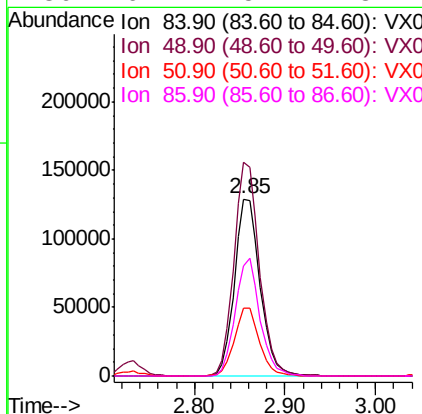
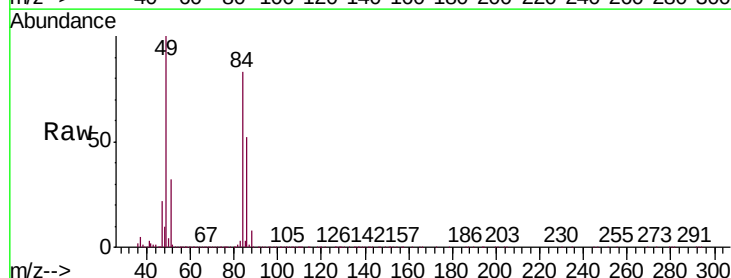
Ion Ratio Lower Upper

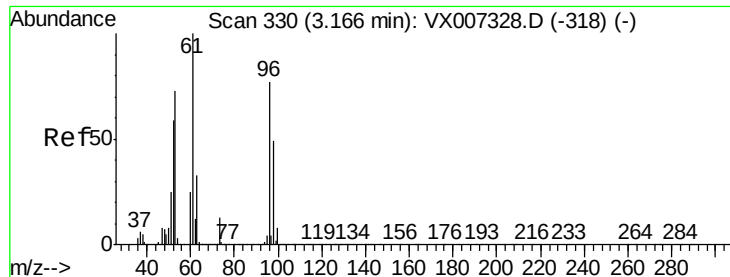
84 100

49 120.7 94.8 142.2

51 38.3 29.8 44.8

86 62.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 45.046 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

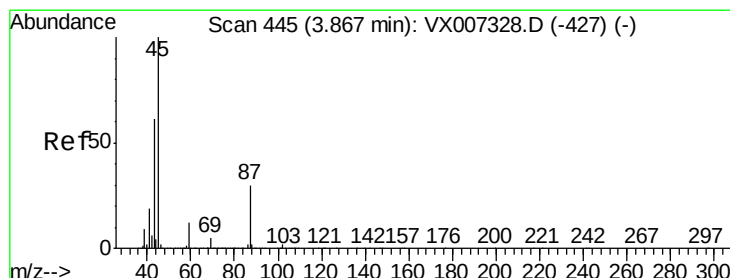
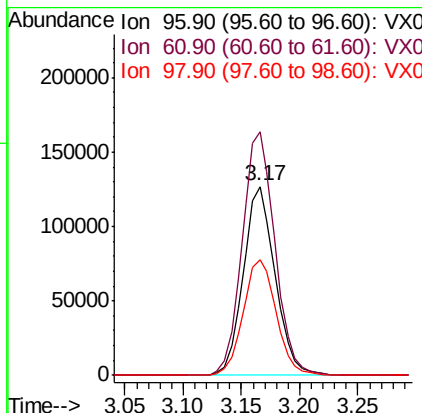
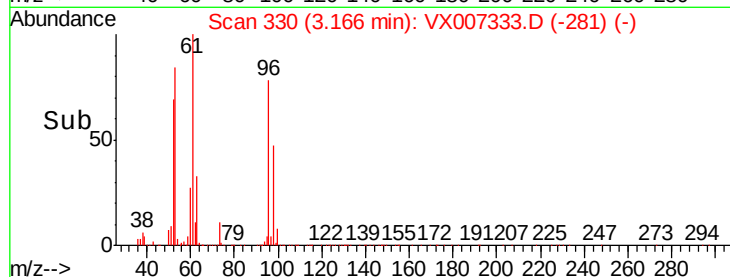
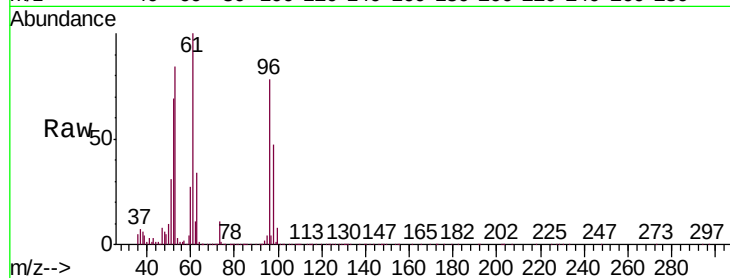
Tgt Ion: 96 Resp: 241545

Ion Ratio Lower Upper

96 100

61 128.7 104.6 156.8

98 61.0 51.0 76.4



#22

Diisopropyl ether

Concen: 46.692 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Tgt Ion: 45 Resp: 704438

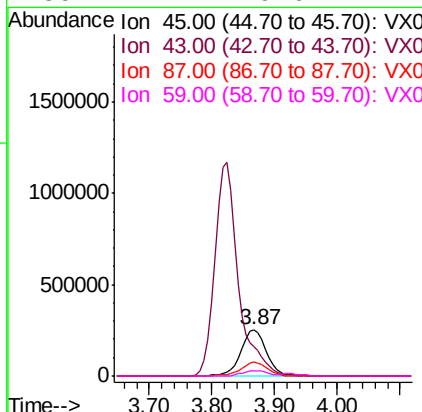
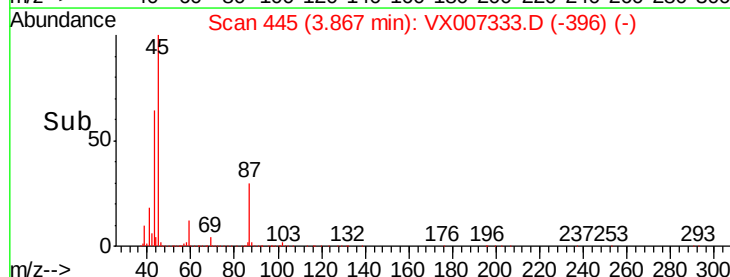
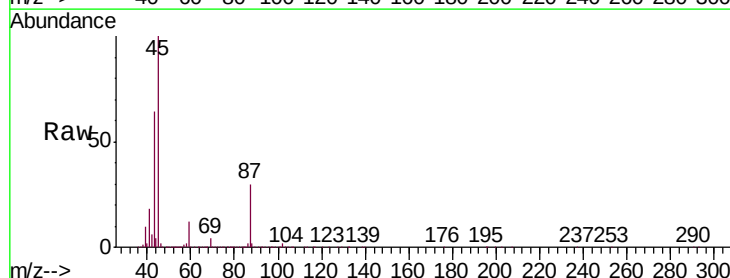
Ion Ratio Lower Upper

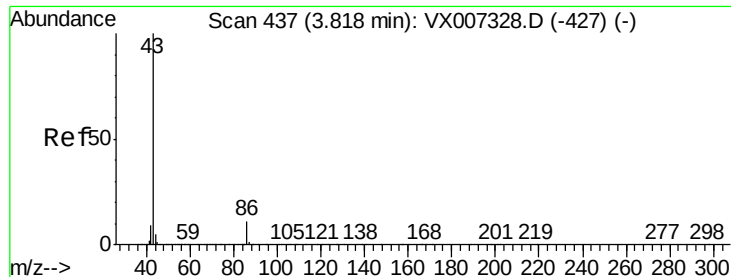
45 100

43 63.4 48.9 73.3

87 29.9 23.9 35.9

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 242.527 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

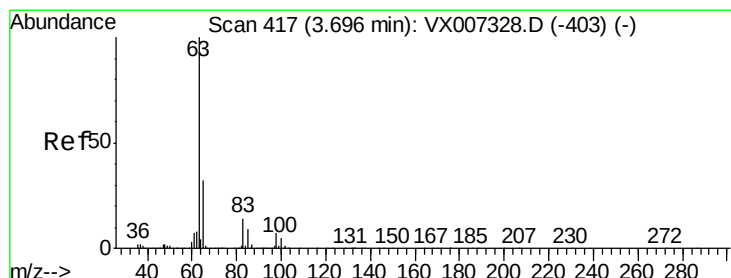
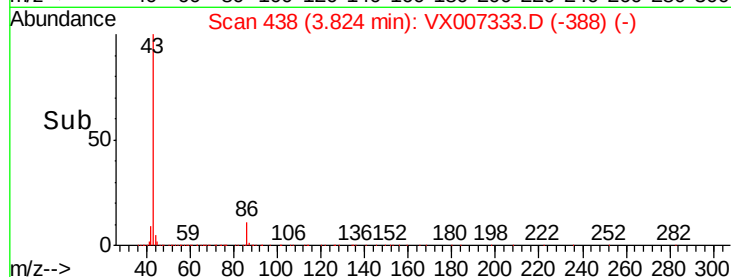
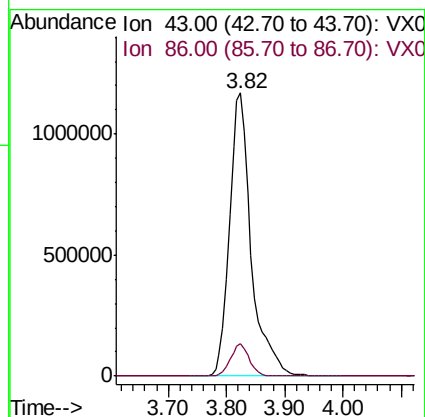
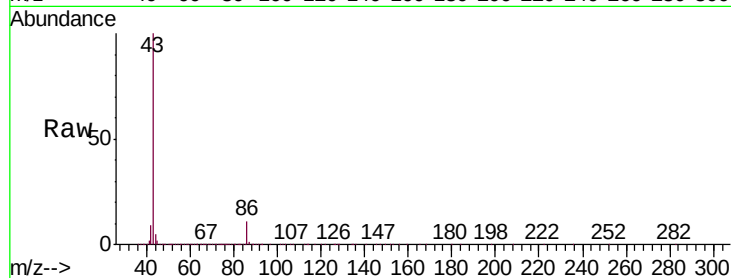
BFB

Tgt Ion: 43 Resp: 3036286

Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.831 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

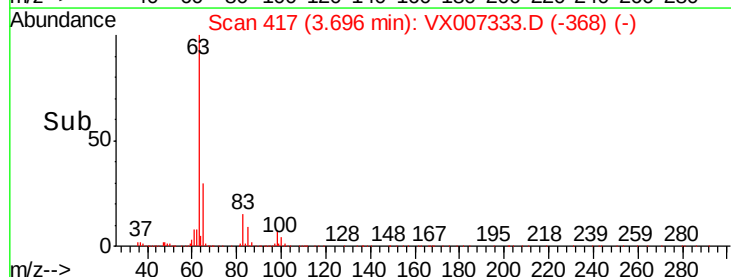
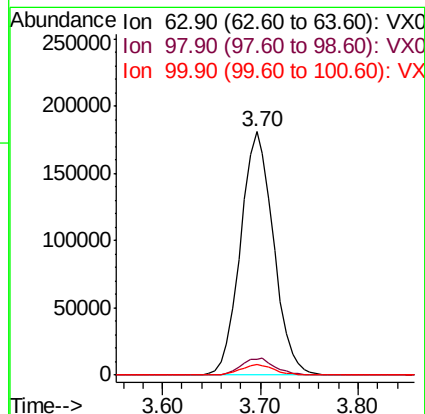
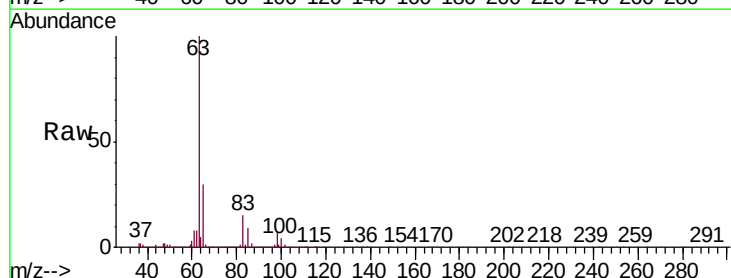
Tgt Ion: 63 Resp: 423075

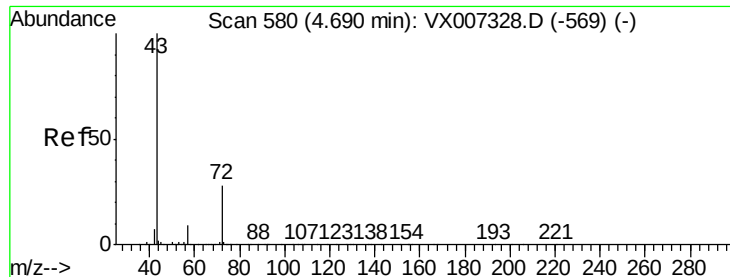
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 240.442 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

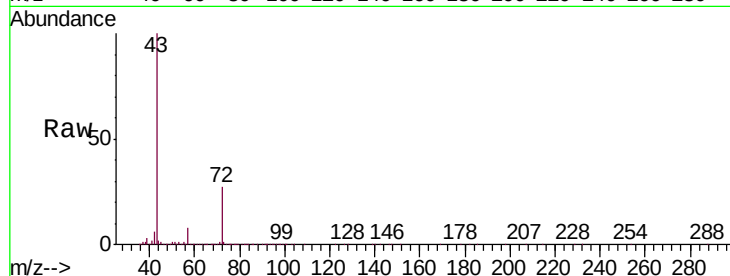
BFB

Tgt Ion: 43 Resp: 877112

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

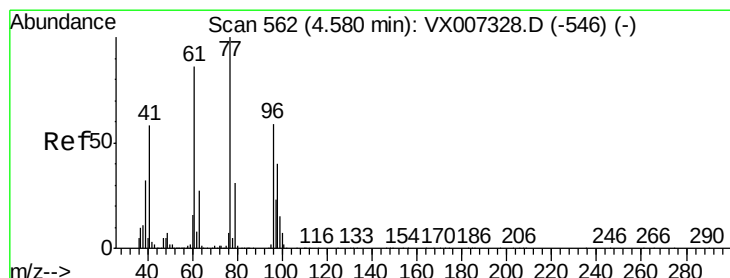
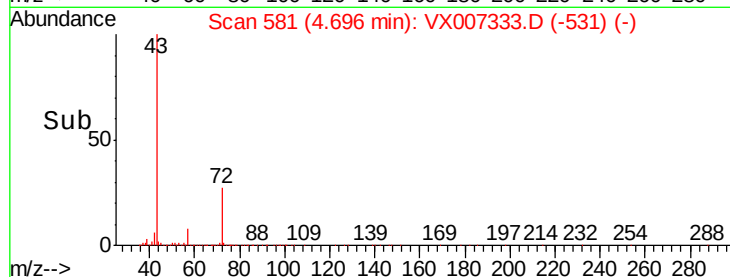
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.737 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007333.D

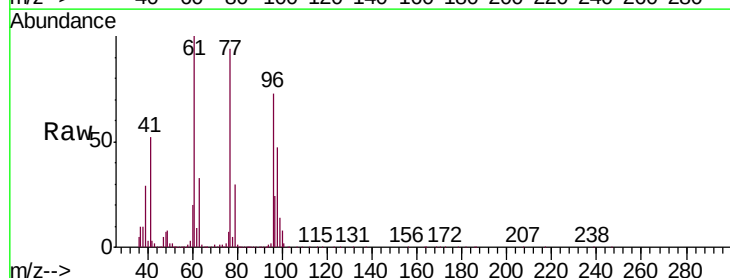
Acq: 01 Feb 2019 13:22

Tgt Ion: 77 Resp: 314974

Ion Ratio Lower Upper

77 100

97 24.9 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

120000

100000

80000

60000

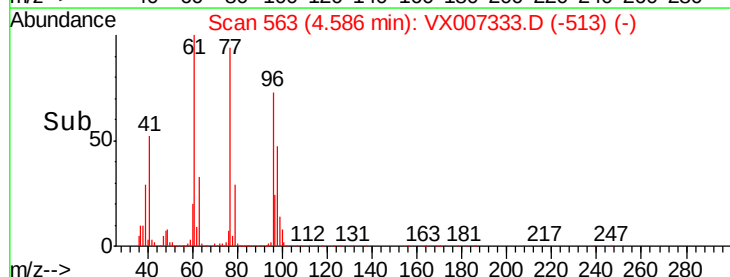
40000

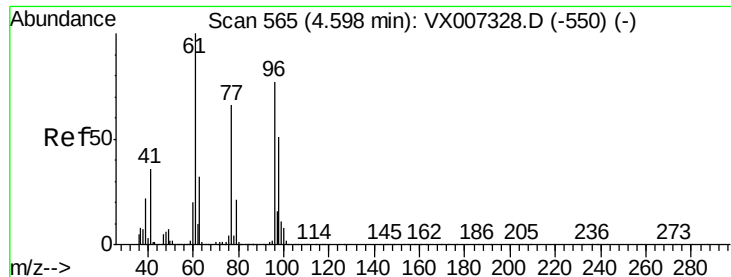
20000

0

4.40 4.50 4.60 4.70

Time-->



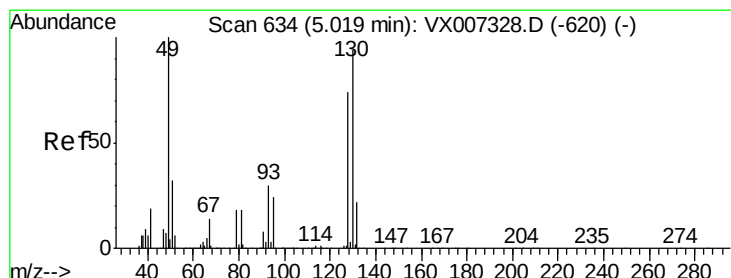
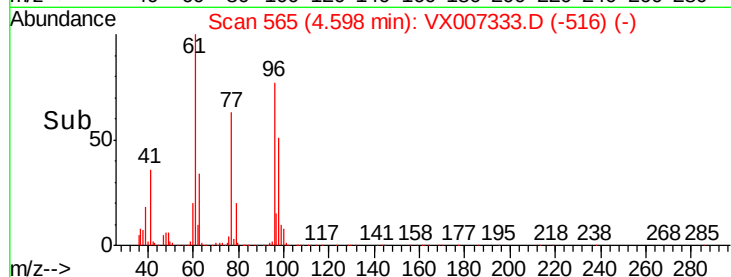
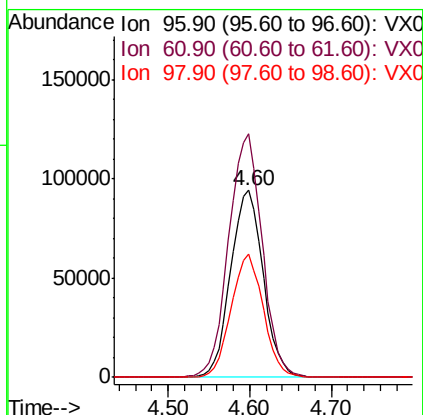
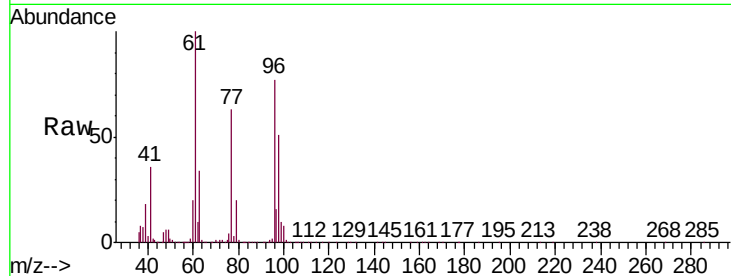


#27

cis-1,2-Dichloroethene
Concen: 44.560 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
BFB

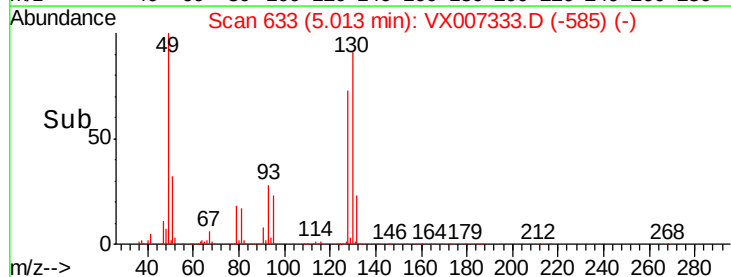
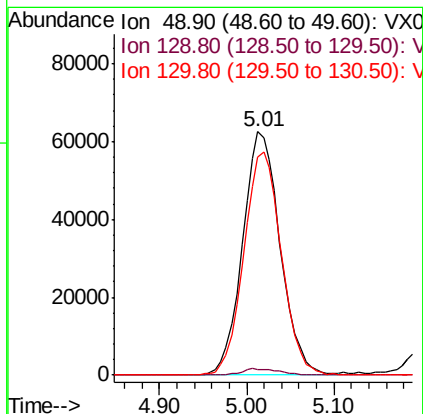
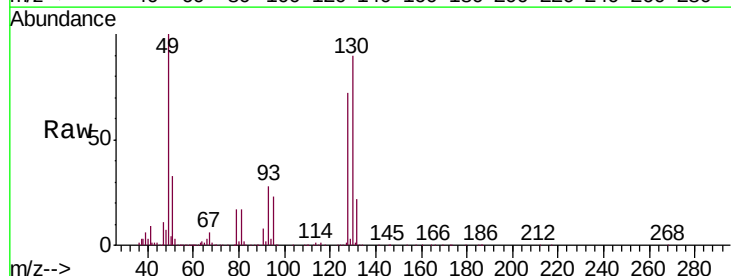
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	265.6
98	64.8	0.0	131.6

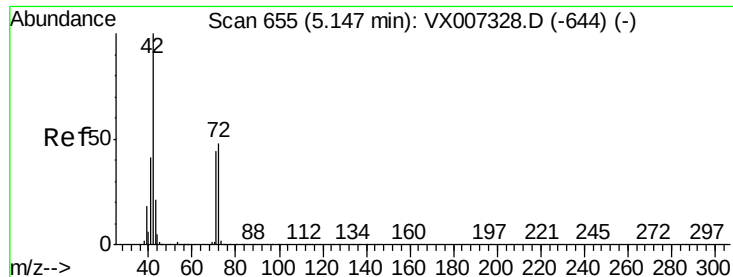


#28

Bromochloromethane
Concen: 46.614 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	91.6	75.6	113.4

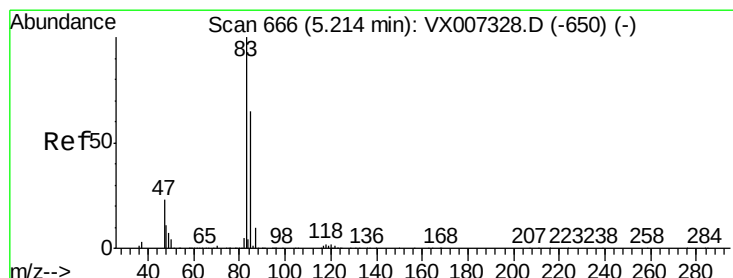
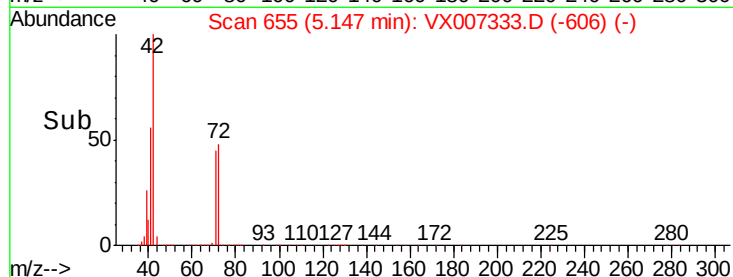
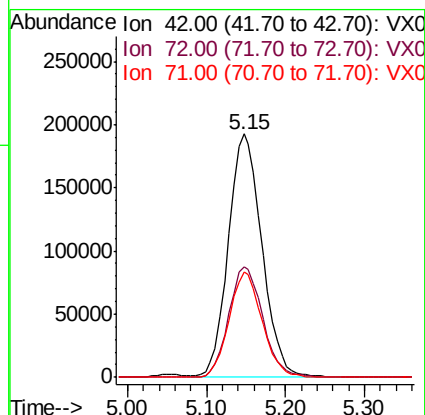
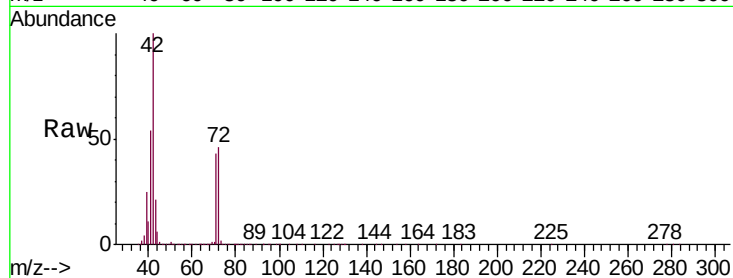




#29
Tetrahydrofuran
Concen: 247.150 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

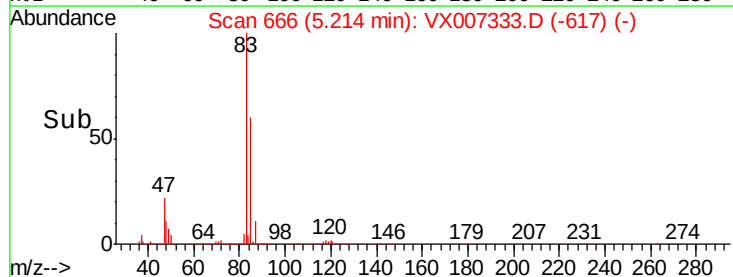
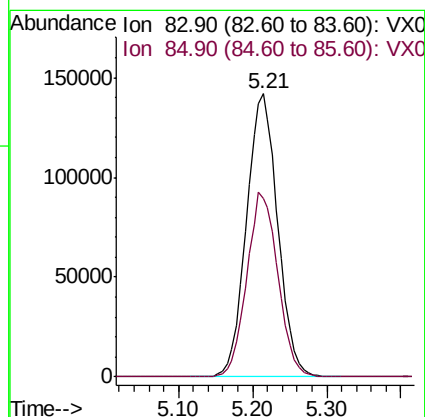
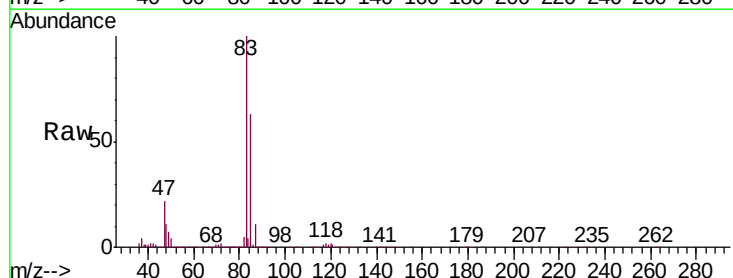
Instrument :
MSVOA_X
ClientSampleId :
BFB

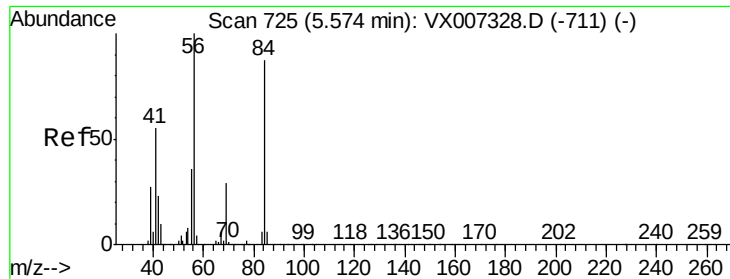
Tgt Ion: 42 Resp: 567032
Ion Ratio Lower Upper
42 100
72 46.4 37.6 56.4
71 43.0 34.6 51.8



#30
Chloroform
Concen: 46.162 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 83 Resp: 417342
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4

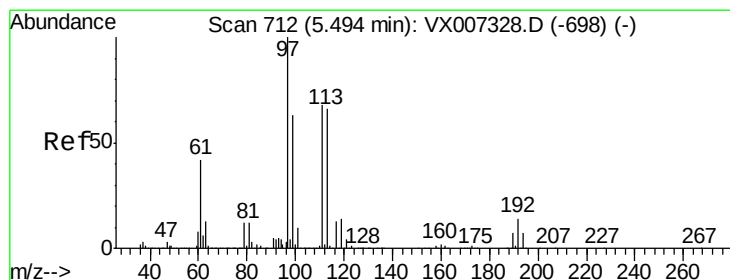
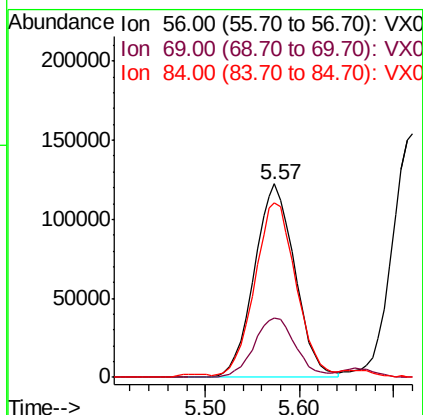
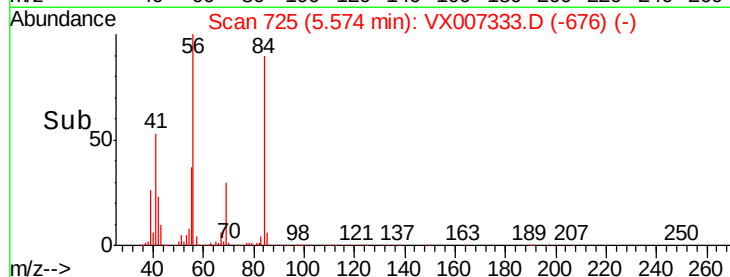
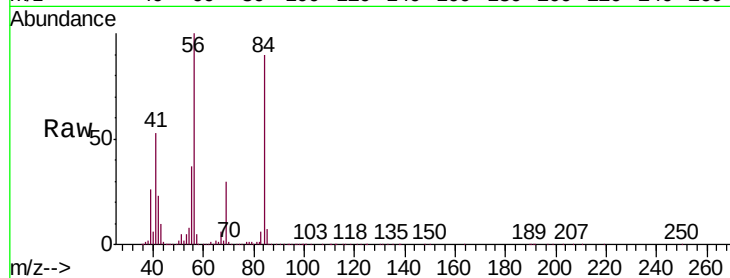




#31
Cyclohexane
Concen: 47.333 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

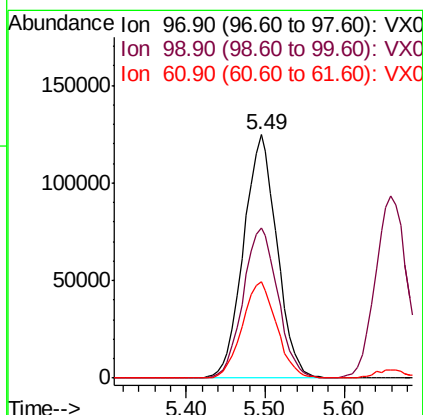
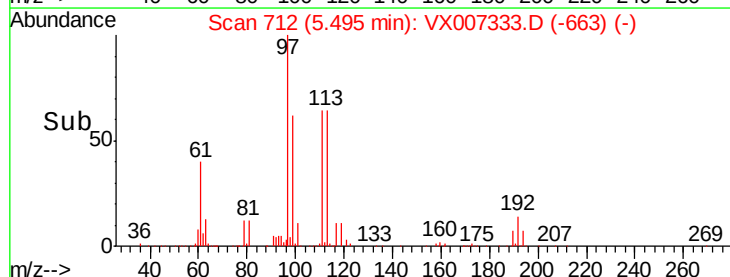
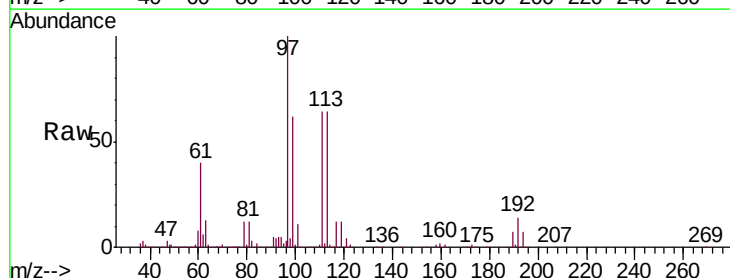
Instrument :
MSVOA_X
ClientSampled :
BFB

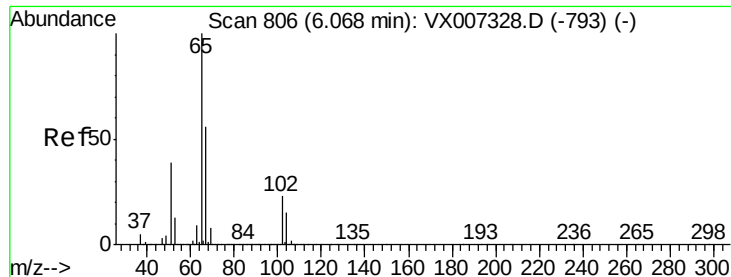
Tgt Ion: 56 Resp: 368317
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.6
84 88.5 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 48.032 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 97 Resp: 366549
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 40.9 32.7 49.1

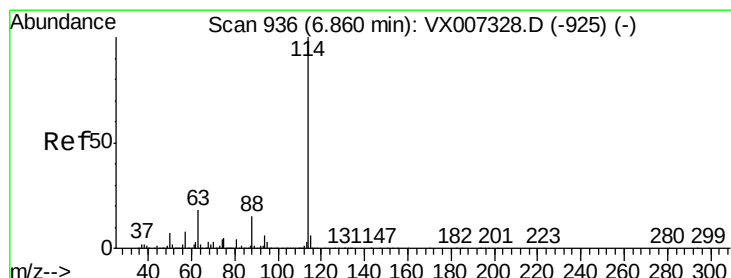
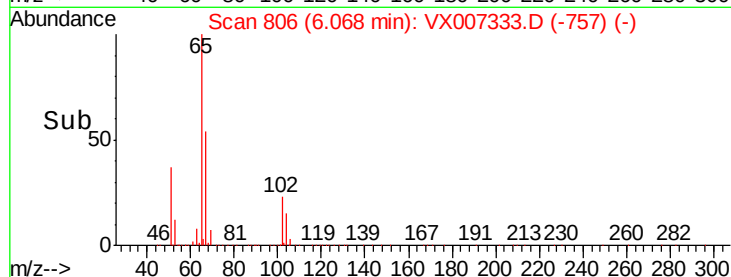
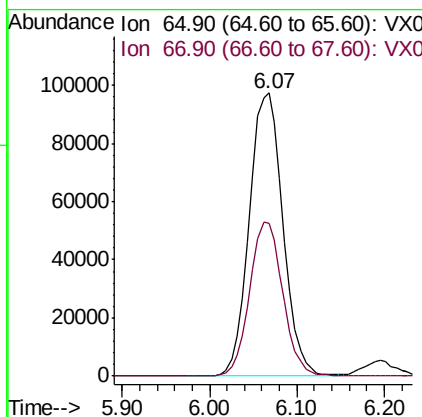
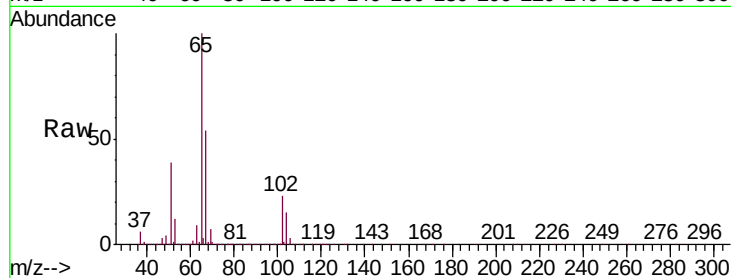




#33
 1,2-Dichloroethane-d4
 Concen: 46.588 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

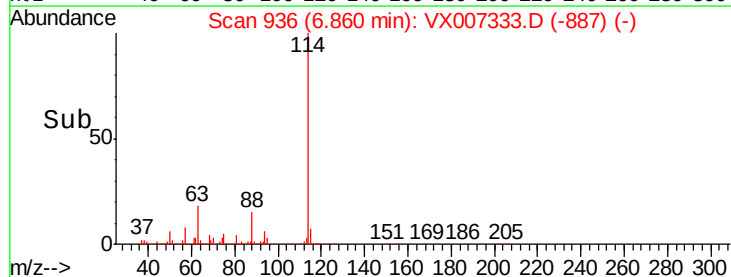
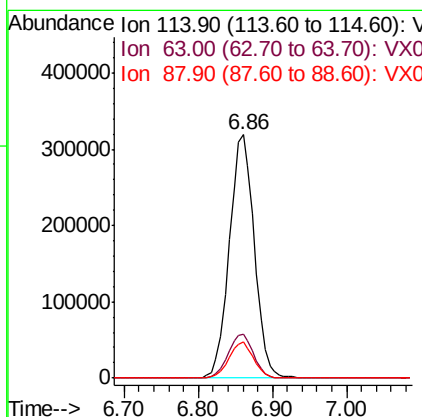
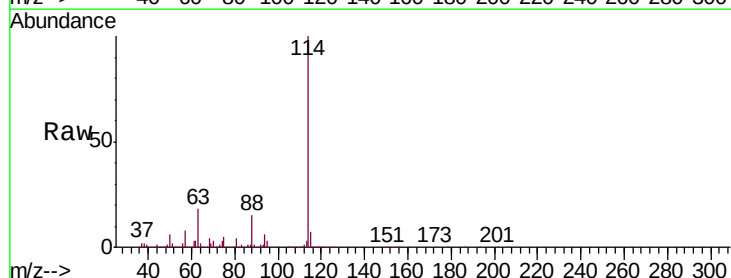
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

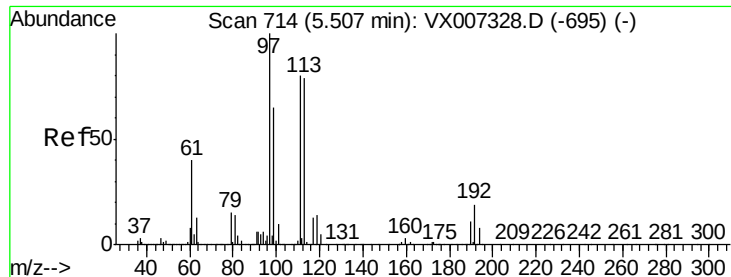
Tgt Ion: 65 Resp: 260701
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion: 114 Resp: 749627
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.6
 88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.846 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

BFB

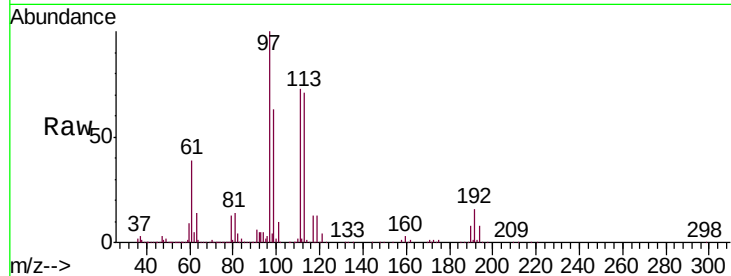
Tgt Ion:113 Resp: 233370

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

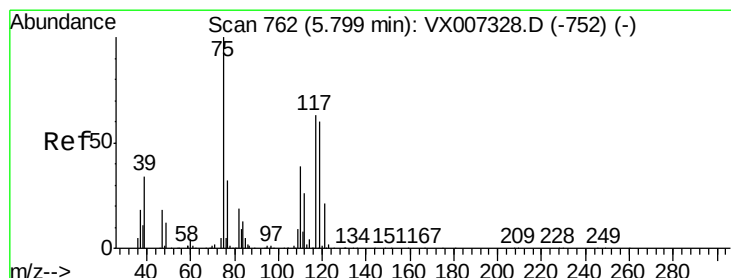
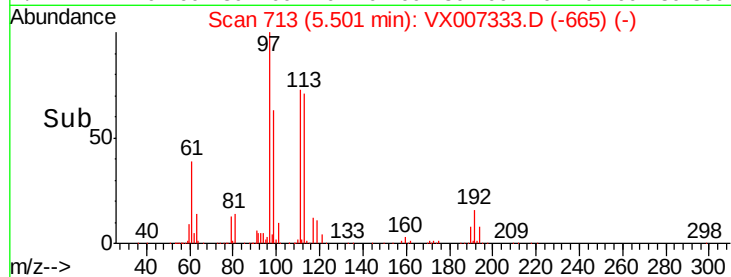
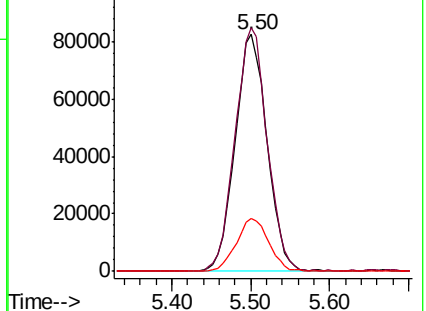
192 22.6 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.114 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

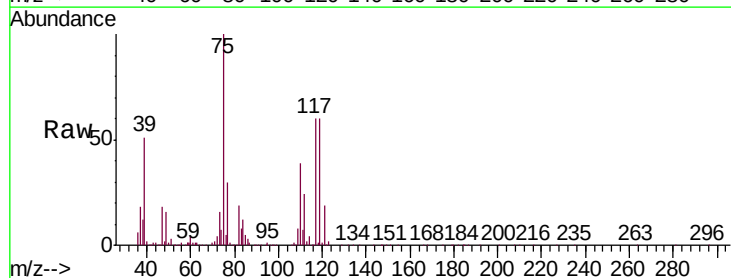
Tgt Ion: 75 Resp: 316888

Ion Ratio Lower Upper

75 100

110 39.9 20.0 59.9

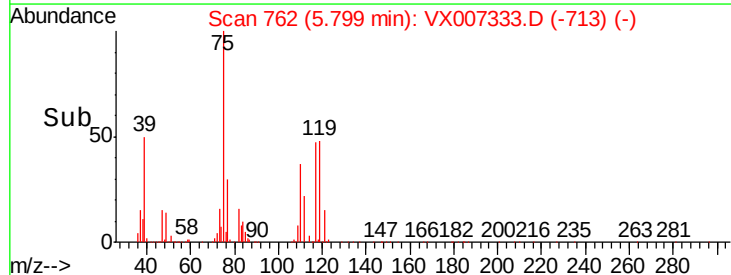
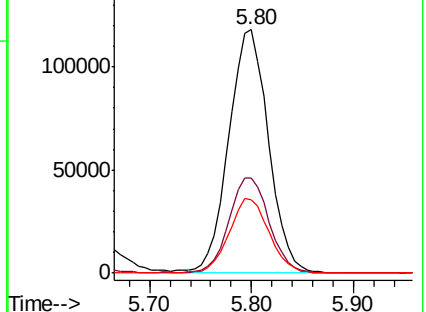
77 30.4 24.7 37.1

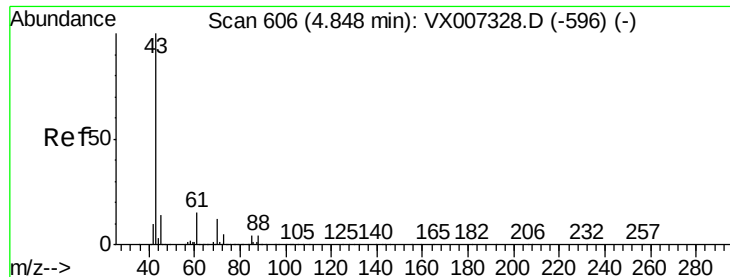


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

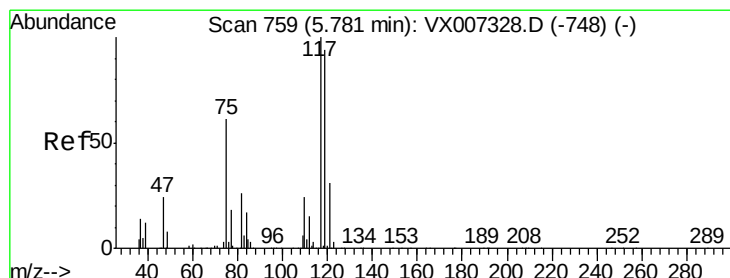
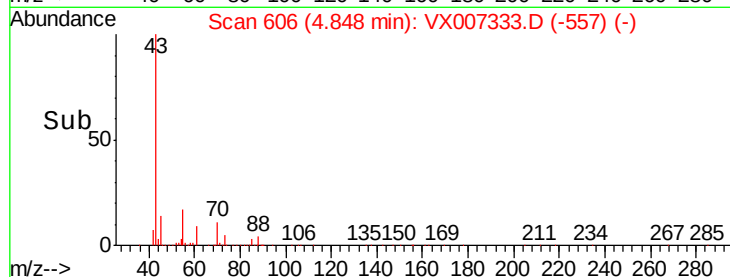
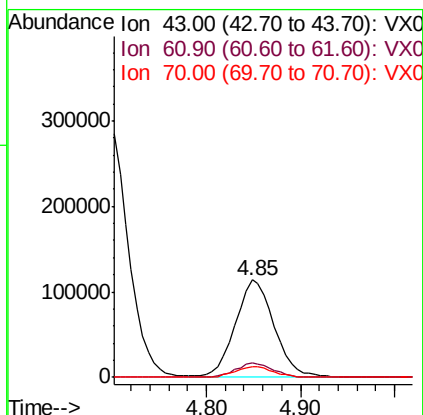
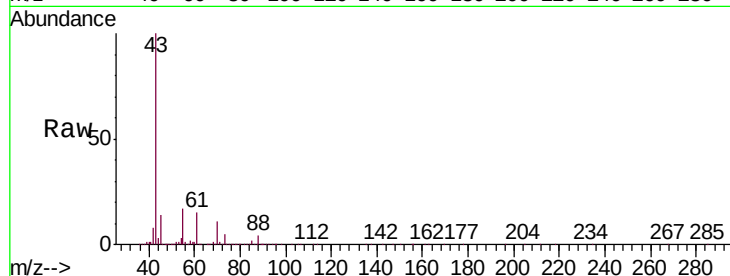




#37
Ethyl Acetate
Concen: 47.555 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

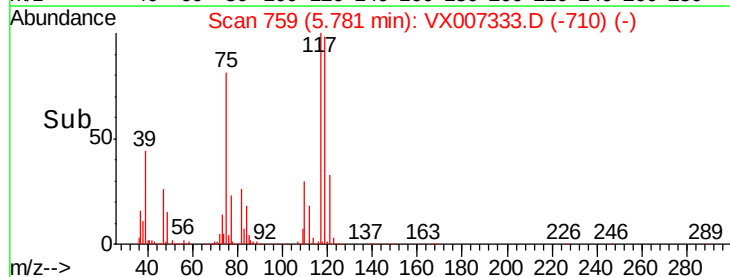
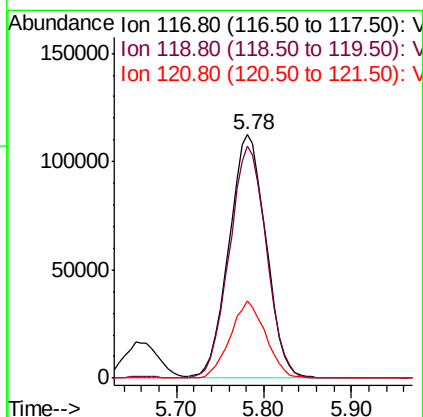
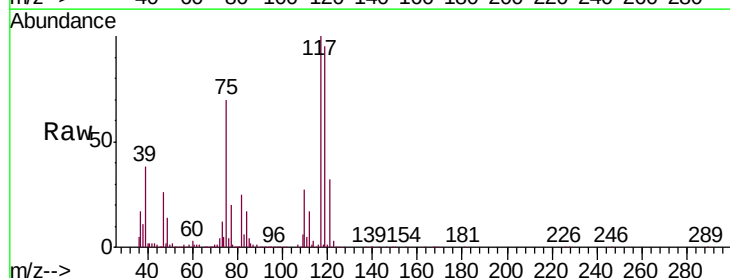
Instrument :
MSVOA_X
ClientSampleId :
BFB

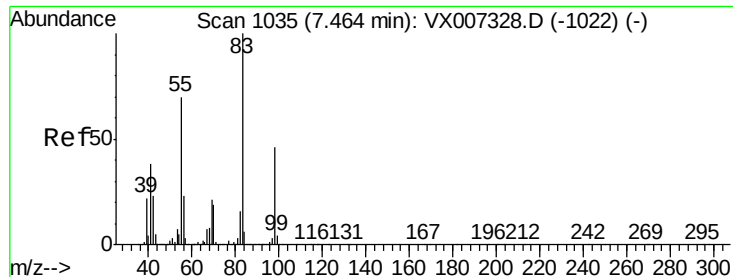
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	10.8	8.6	13.0



#38
Carbon Tetrachloride
Concen: 50.520 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.3	112.9
121	31.7	25.0	37.4

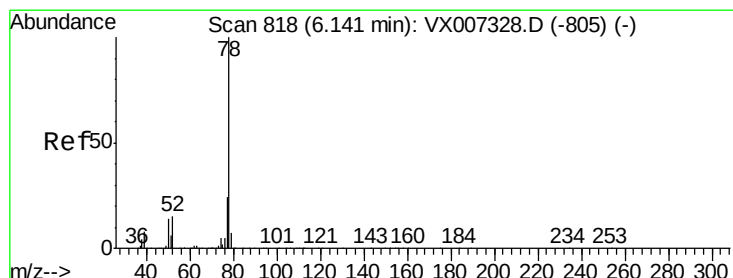
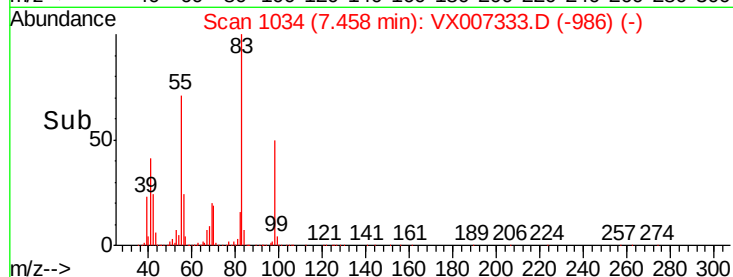
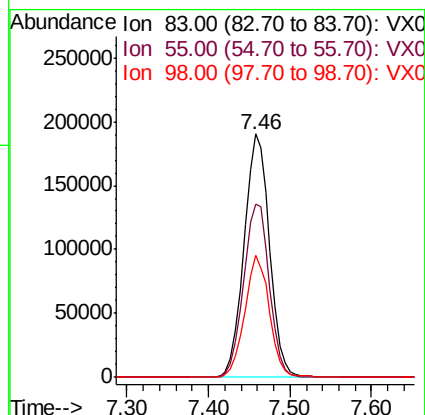
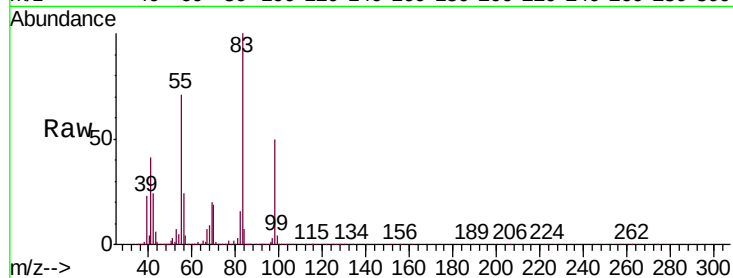




#39
Methylcyclohexane
Concen: 50.450 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

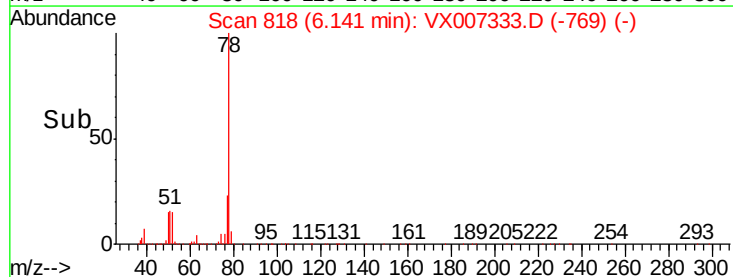
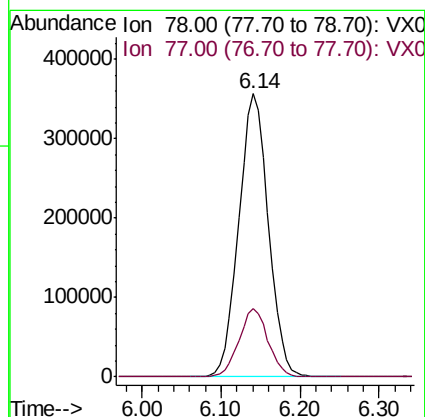
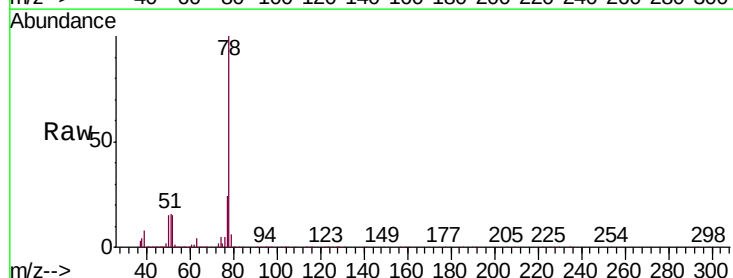
Instrument :
MSVOA_X
ClientSampleId :
BFB

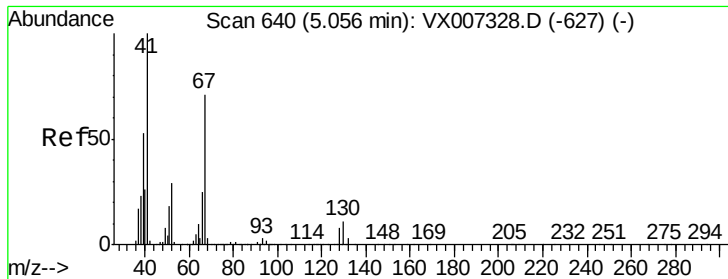
Tgt Ion: 83 Resp: 410551
Ion Ratio Lower Upper
83 100
55 71.1 56.2 84.2
98 50.0 36.8 55.2



#40
Benzene
Concen: 47.015 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 78 Resp: 931497
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

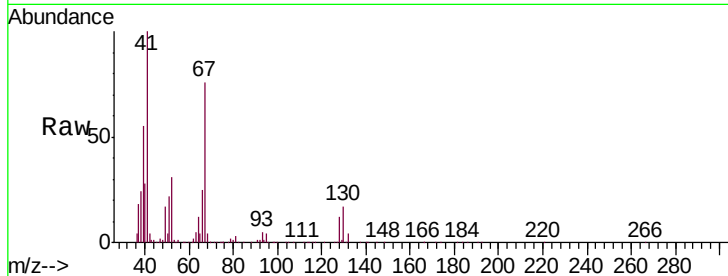




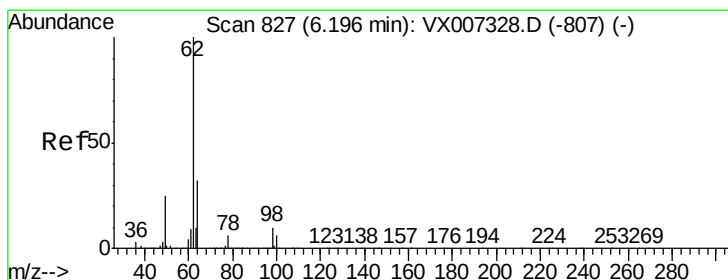
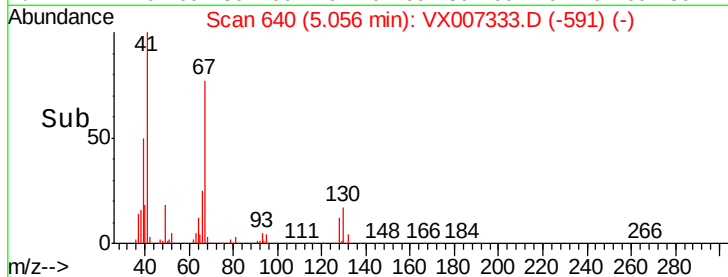
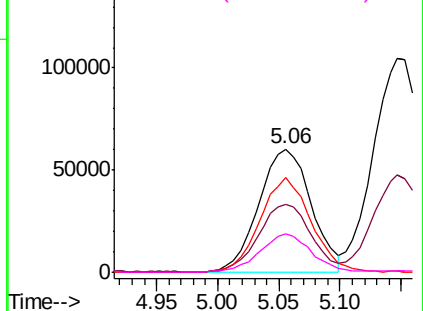
#41
Methacrylonitrile
Concen: 49.066 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:	41	Resp:	178794
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.5	66.7
67	75.2	60.4	90.6
52	30.5	24.1	36.1

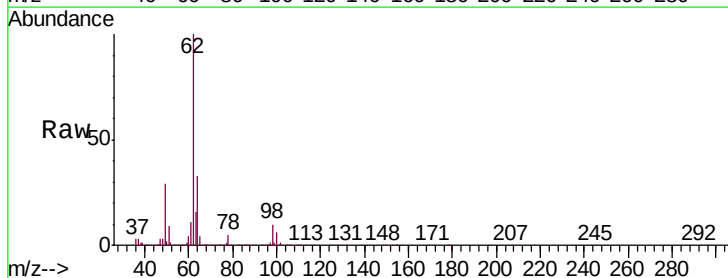


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

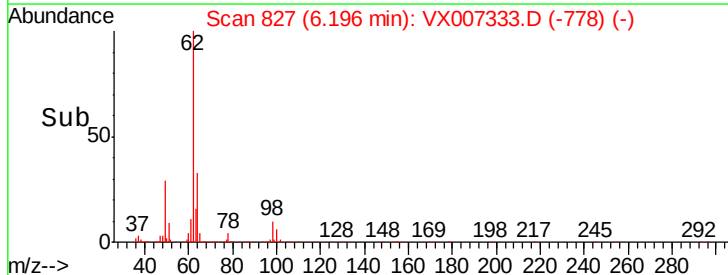
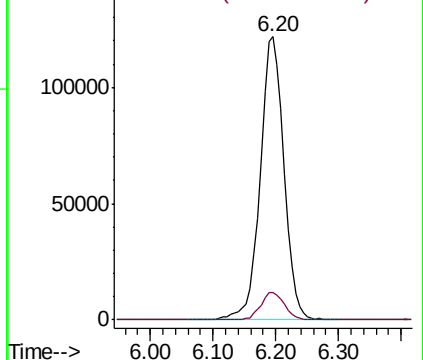


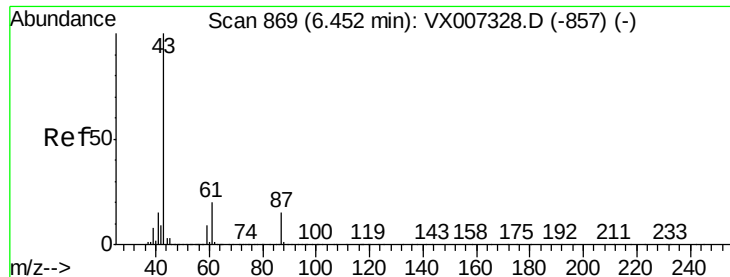
#42
1,2-Dichloroethane
Concen: 46.551 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion:	62	Resp:	319113
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 49.904 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

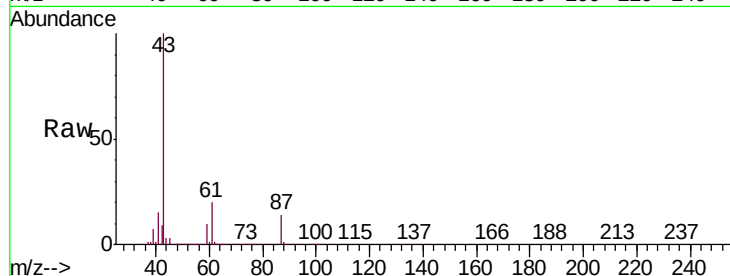
Tgt Ion: 43 Resp: 523720

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

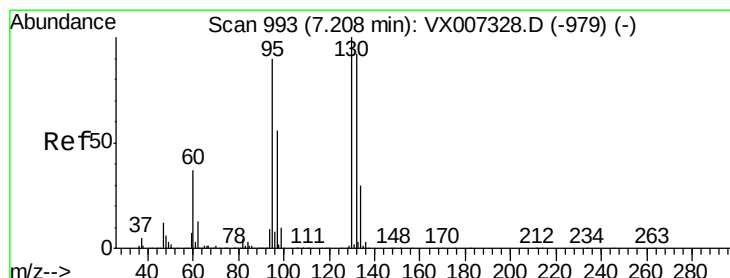
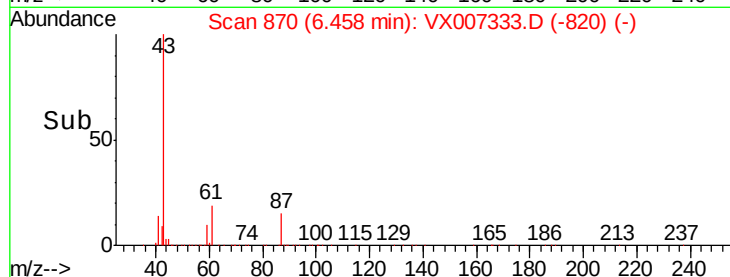
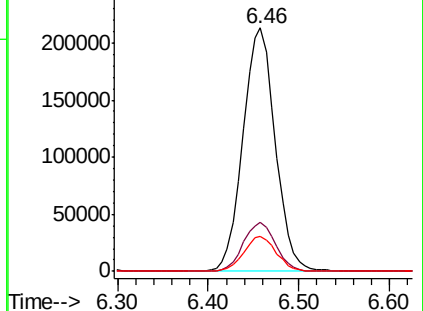
87 14.6 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.234 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007333.D

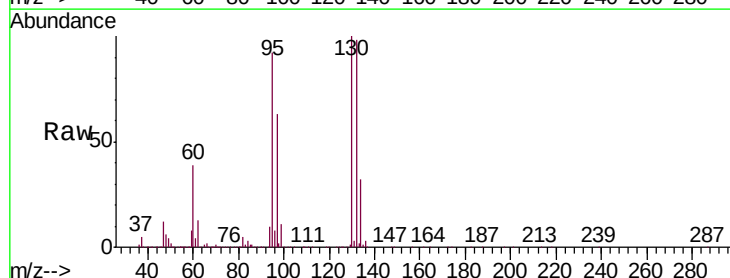
Acq: 01 Feb 2019 13:22

Tgt Ion: 130 Resp: 281851

Ion Ratio Lower Upper

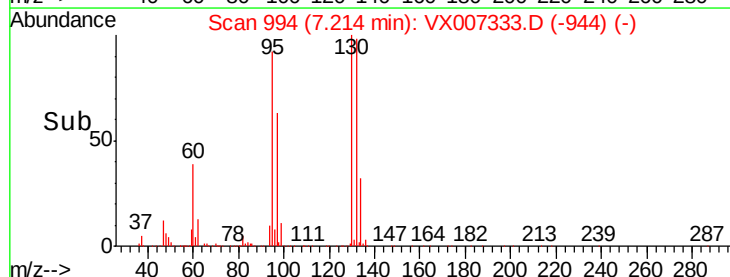
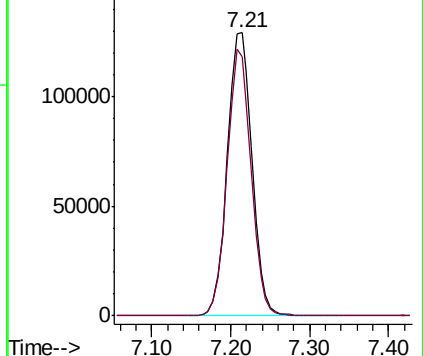
130 100

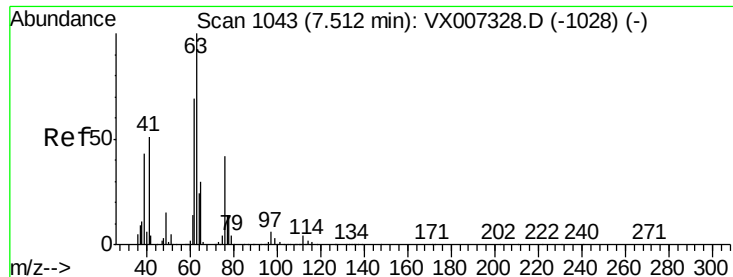
95 91.7 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

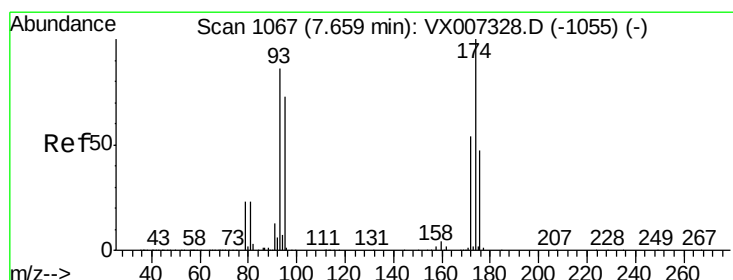
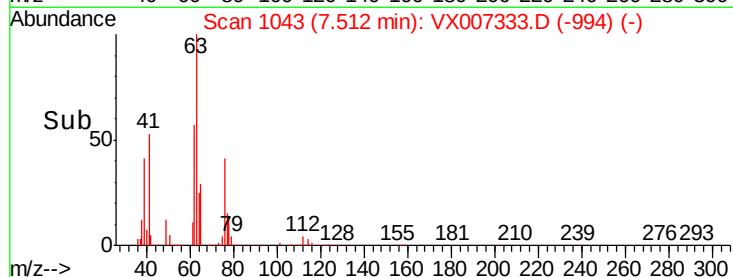
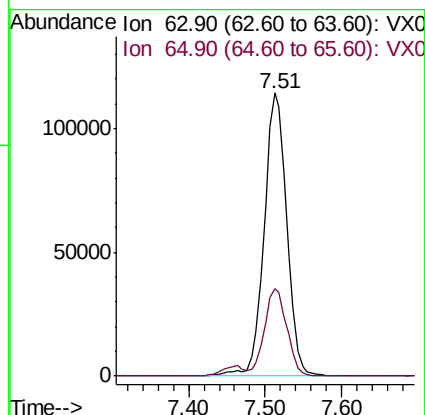
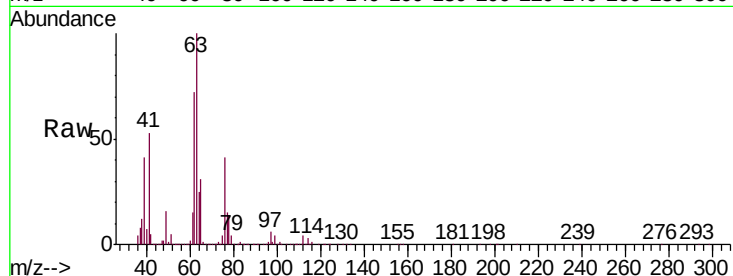




#45
 1,2-Dichloropropane
 Concen: 47.641 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

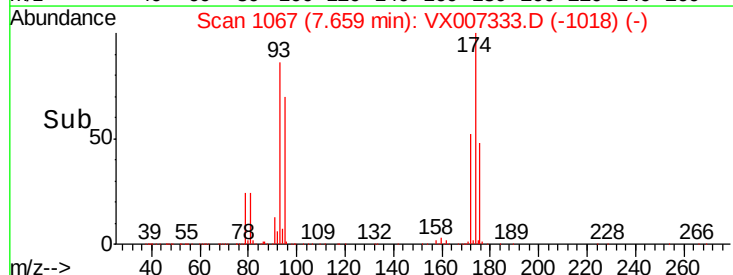
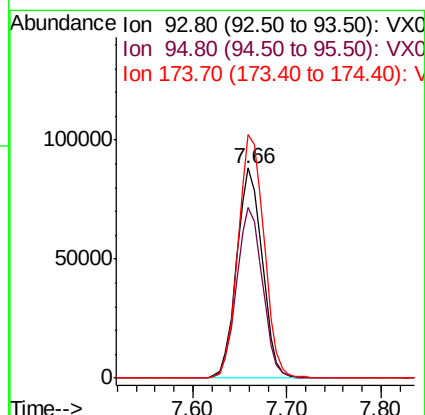
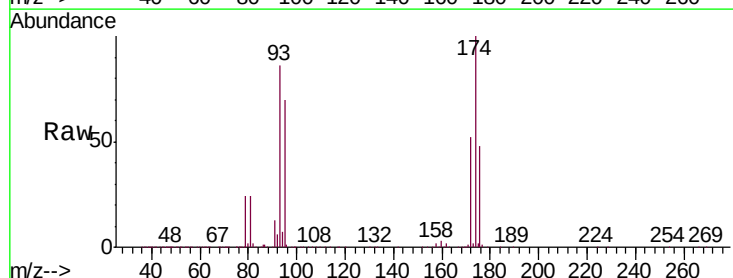
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

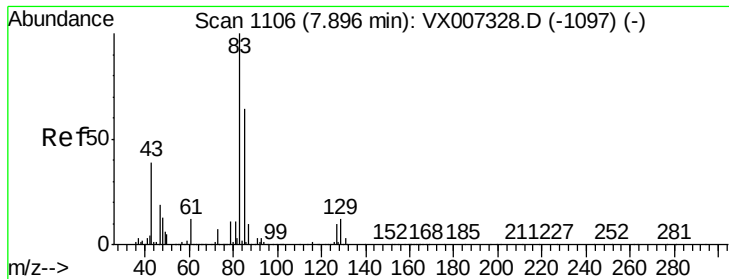
Tgt Ion: 63 Resp: 236494
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#46
 Dibromomethane
 Concen: 46.408 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion: 93 Resp: 167436
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.6 101.4
 174 117.8 94.2 141.4





#47

Bromodichloromethane

Concen: 48.984 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

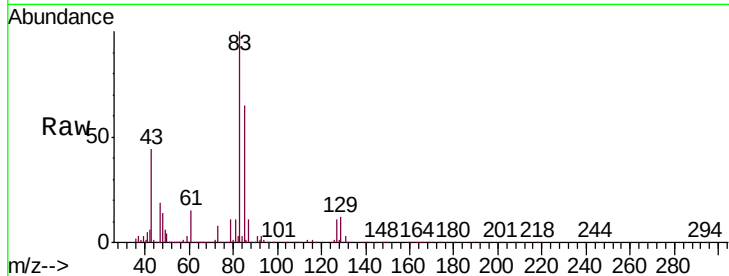
Tgt Ion: 83 Resp: 299520

Ion Ratio Lower Upper

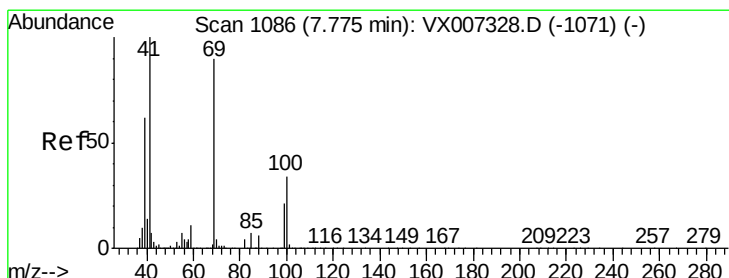
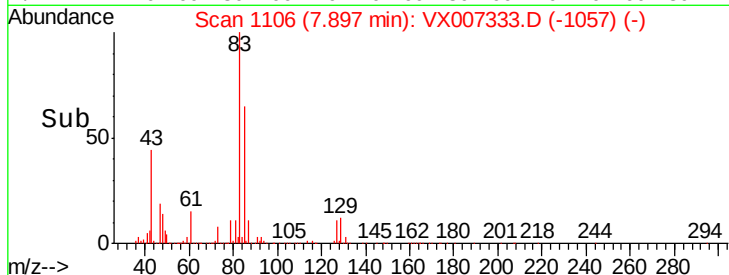
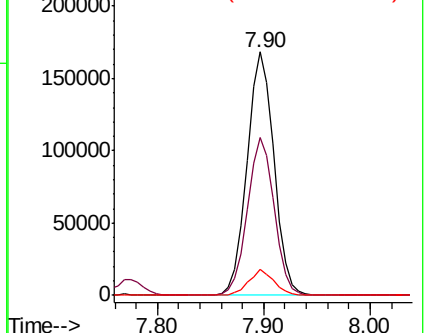
83 100

85 64.5 51.4 77.0

127 10.6 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: 51.206 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

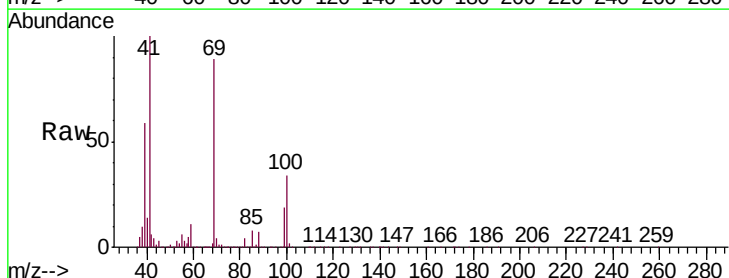
Tgt Ion: 41 Resp: 268797

Ion Ratio Lower Upper

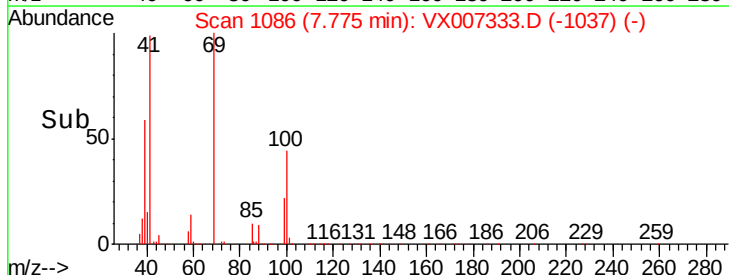
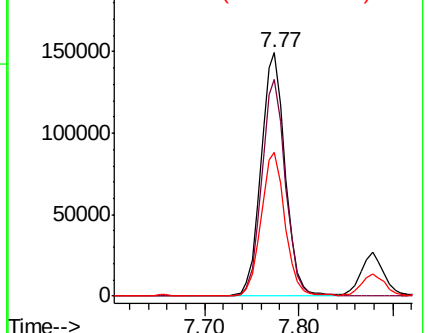
41 100

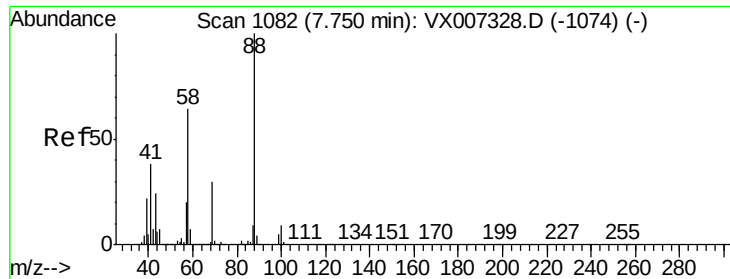
69 88.2 70.2 105.4

39 58.4 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: 1027.087 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

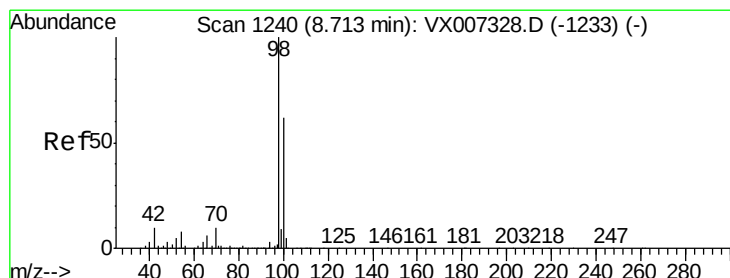
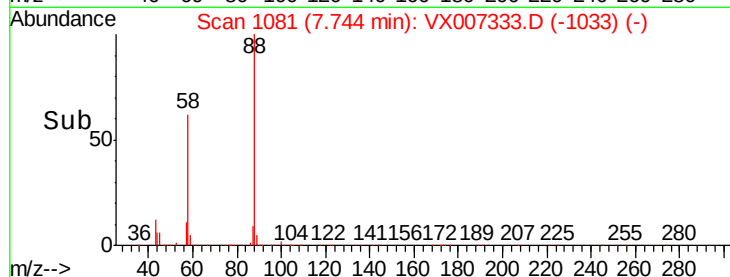
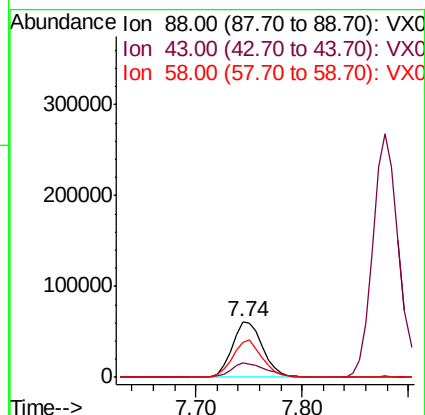
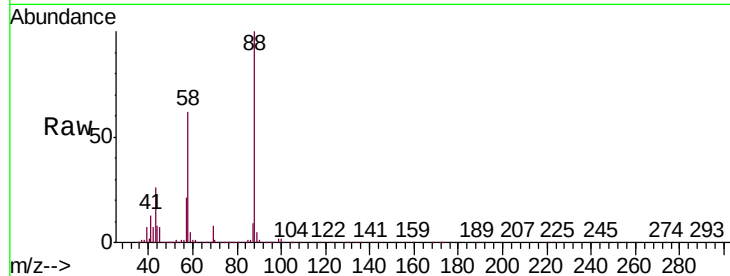
Tgt Ion: 88 Resp: 122635

Ion Ratio Lower Upper

88 100

43 29.8 24.2 36.4

58 65.9 53.0 79.4



#50

Toluene-d8

Concen: 49.454 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007333.D

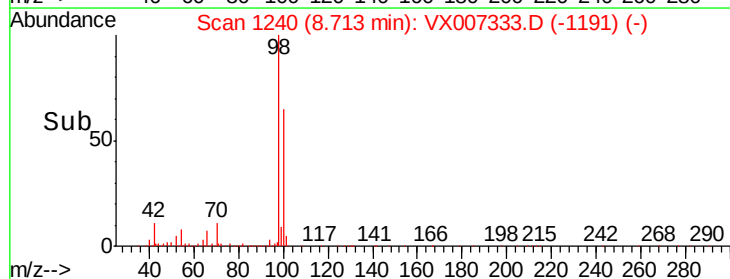
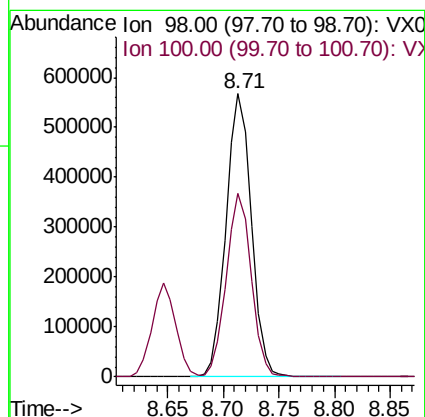
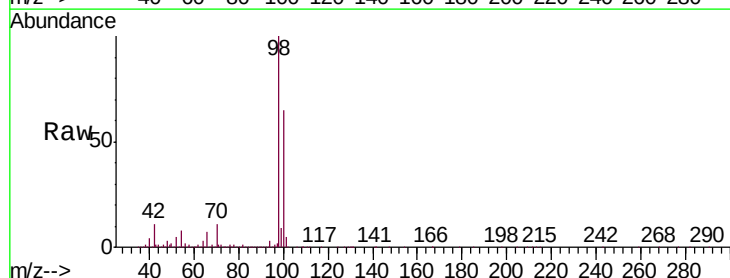
Acq: 01 Feb 2019 13:22

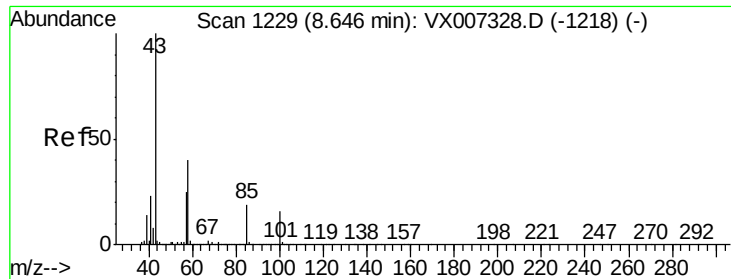
Tgt Ion: 98 Resp: 894952

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4

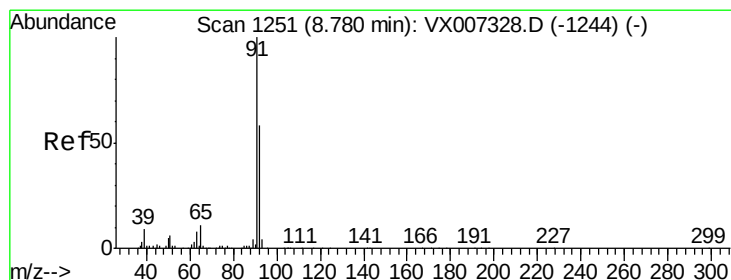
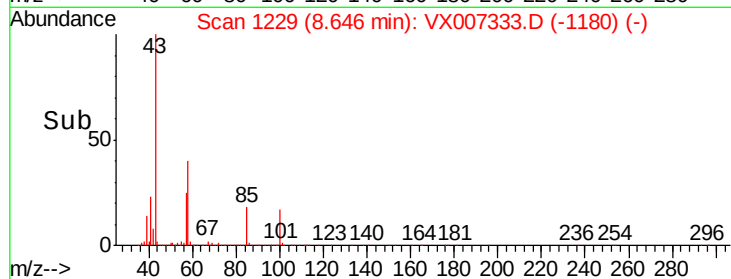
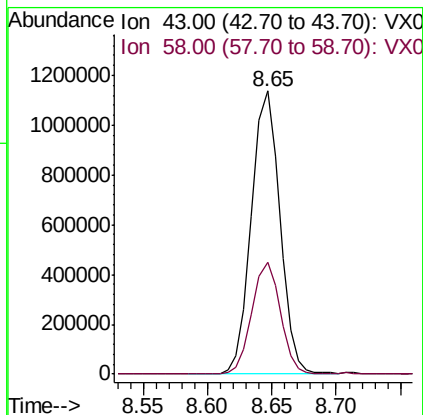
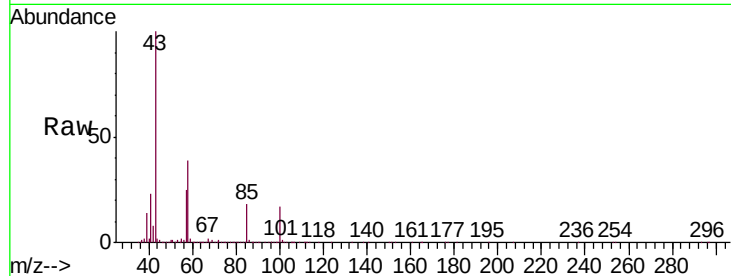




#51
 4-Methyl-2-Pentanone
 Concen: 251.837 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

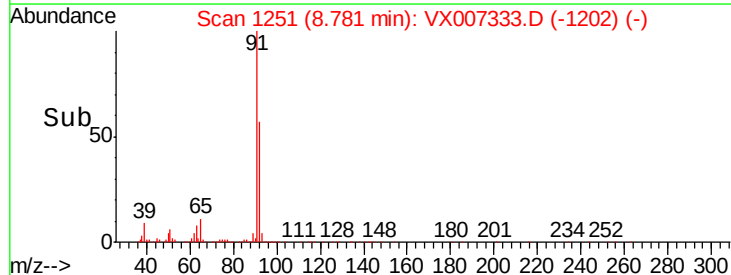
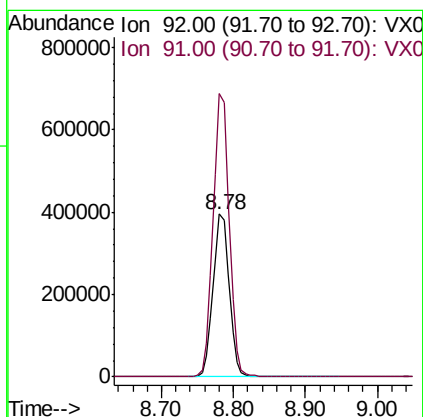
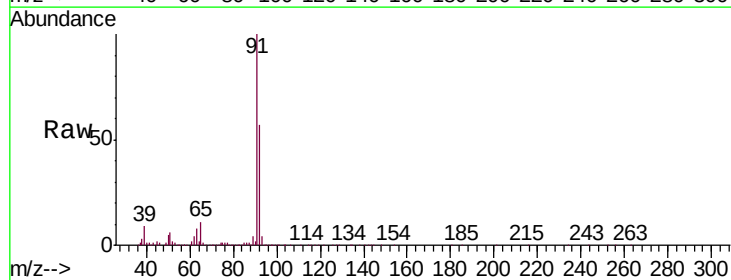
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

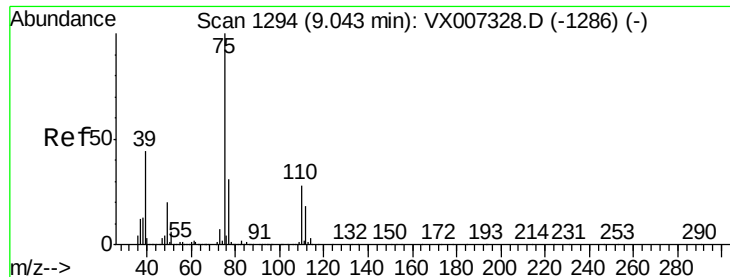
Tgt Ion: 43 Resp: 1739834
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.2 46.8



#52
 Toluene
 Concen: 48.077 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion: 92 Resp: 614558
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.983 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

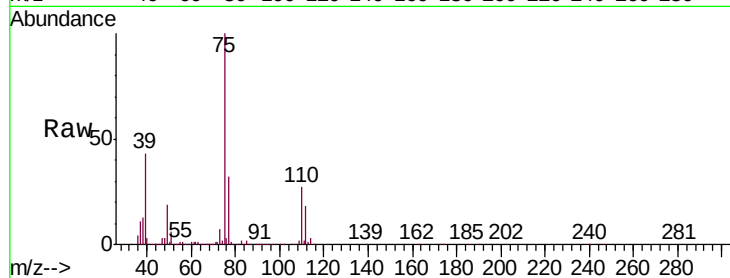
BFB

Tgt Ion: 75 Resp: 341425

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

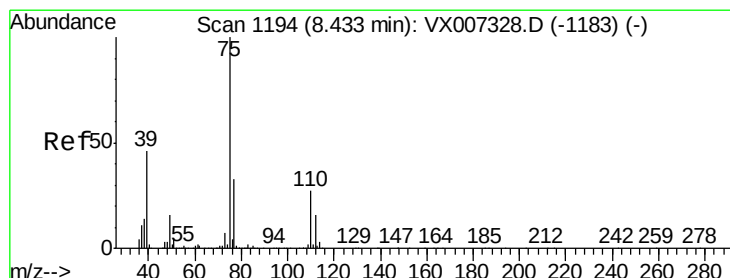
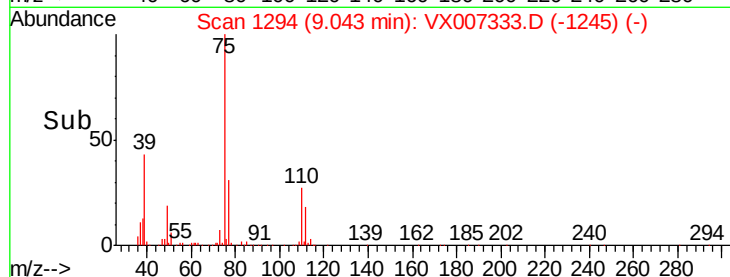
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.473 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

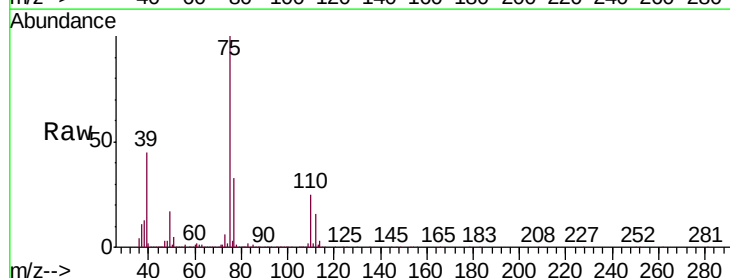
Tgt Ion: 75 Resp: 371785

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.4

39 44.9 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

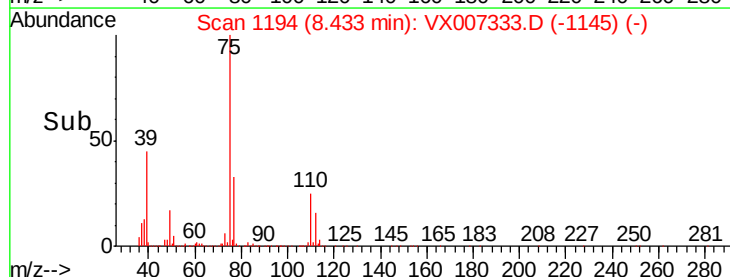
150000

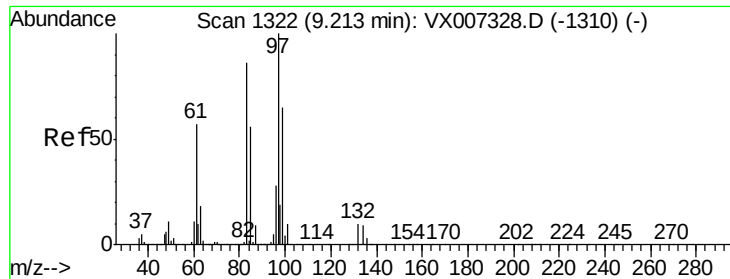
100000

50000

0

Time-->

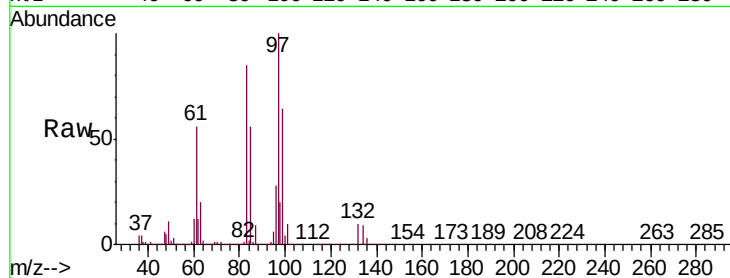




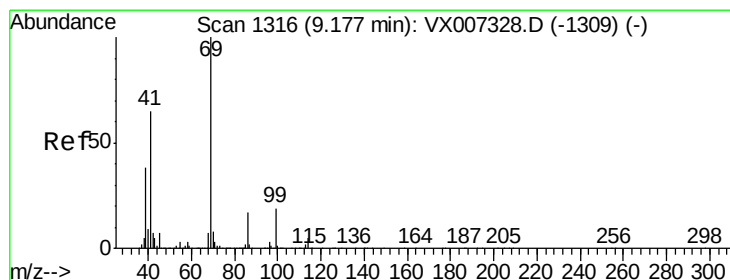
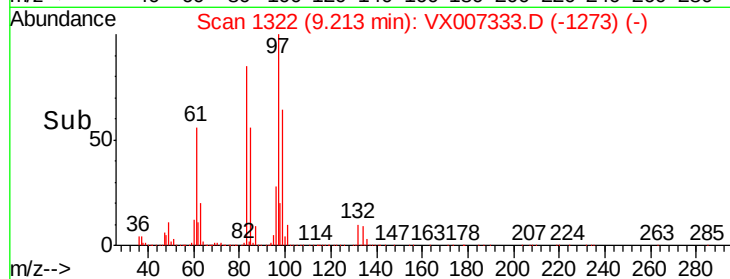
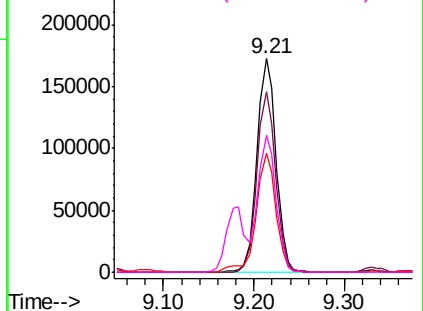
#55
 1,1,2-Trichloroethane
 Concen: 47.358 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion:	97	Resp:	252345
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.6	102.8
85	55.9	44.5	66.7
99	64.4	52.2	78.4

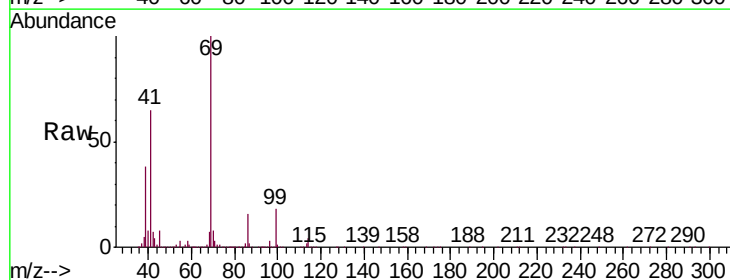


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

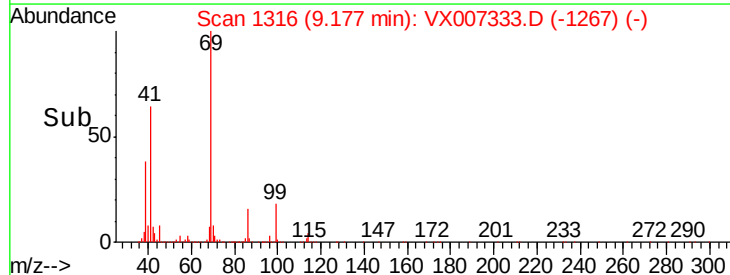
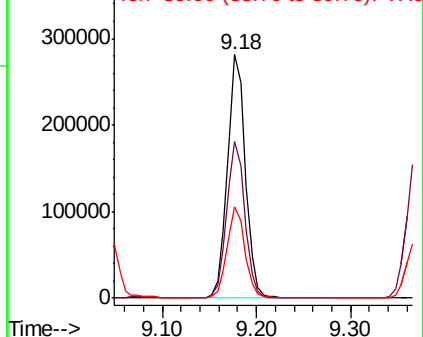


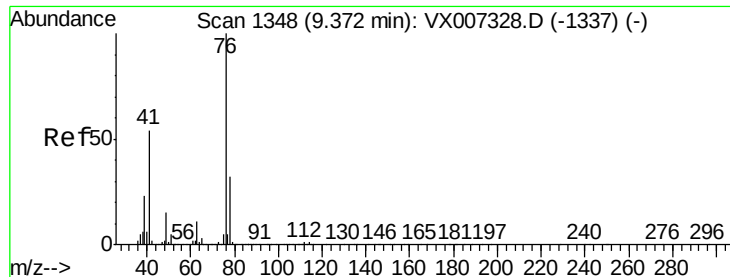
#56
 Ethyl methacrylate
 Concen: 50.501 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion:	69	Resp:	372693
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.1	78.1
39	37.2	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

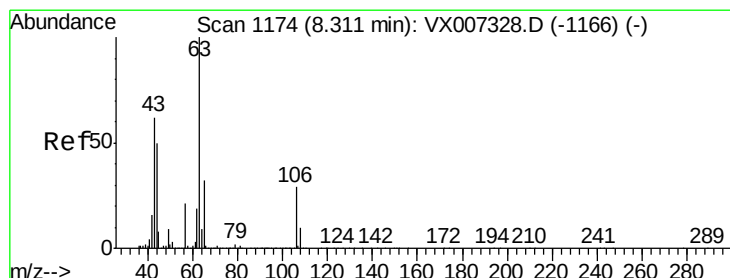
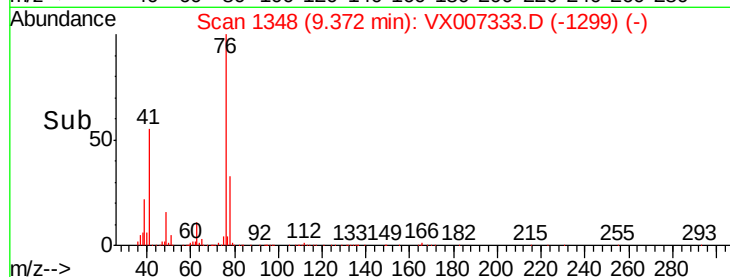
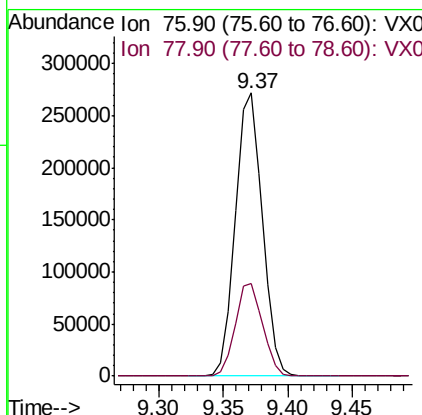
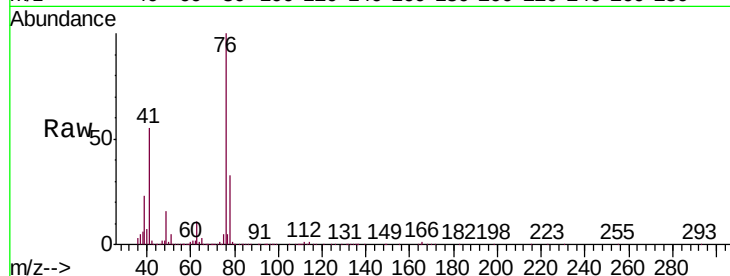




#57
 1,3-Dichloropropane
 Concen: 46.931 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

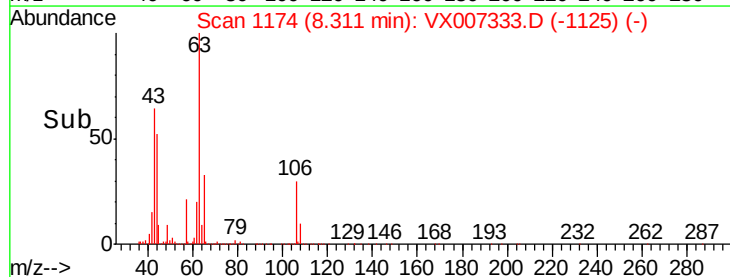
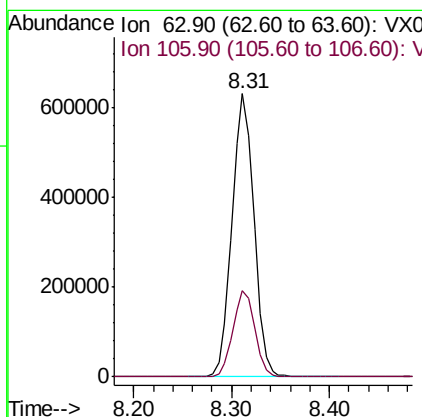
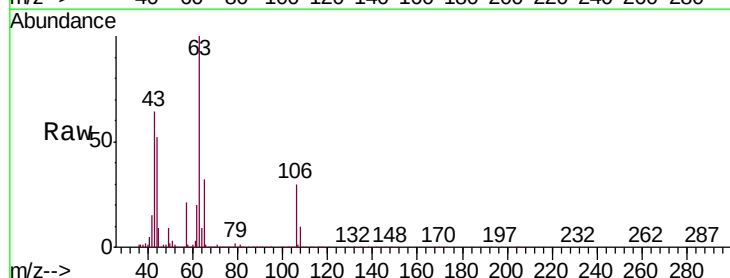
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

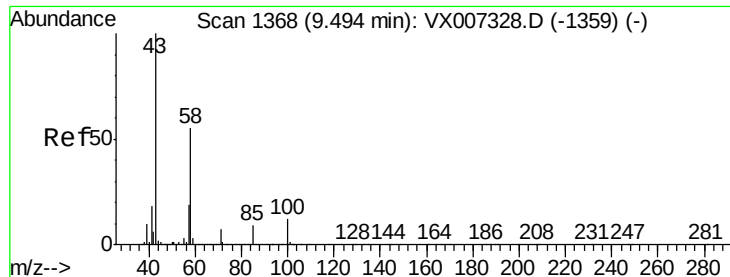
Tgt Ion: 76 Resp: 397686
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.519 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion: 63 Resp: 982263
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.6 35.4

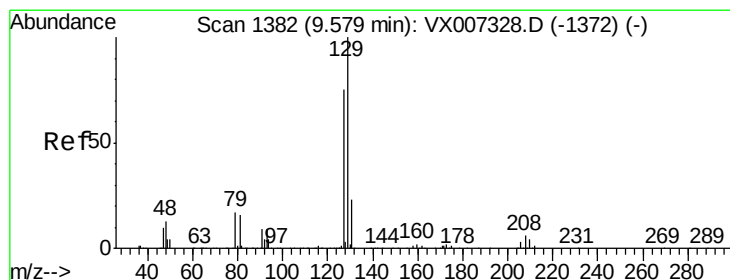
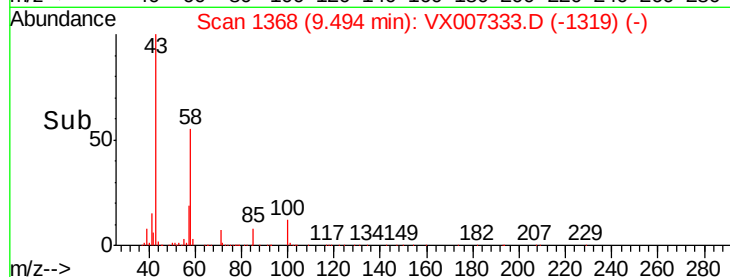
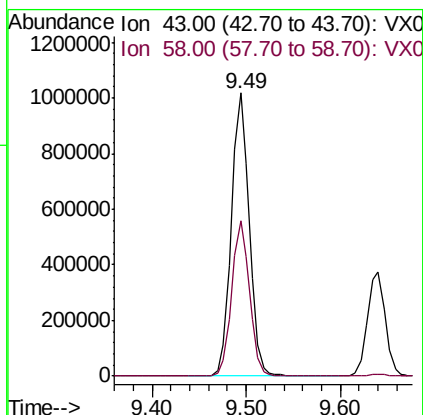
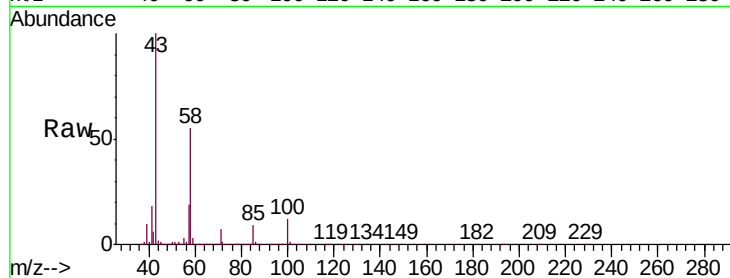




#59
2-Hexanone
Concen: 249.271 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

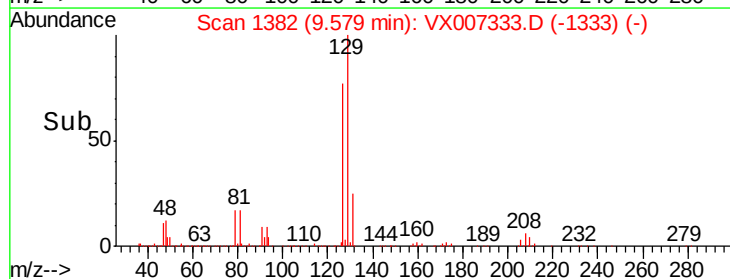
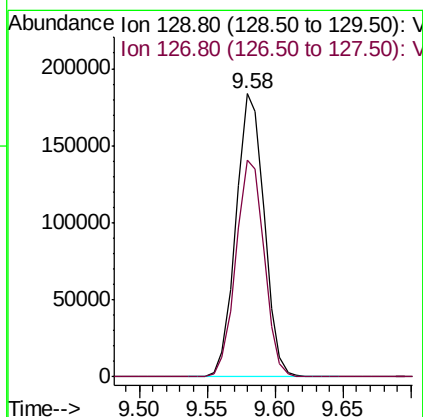
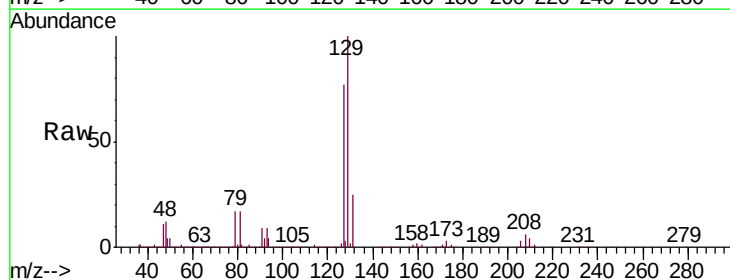
Instrument :
MSVOA_X
ClientSampled :
BFB

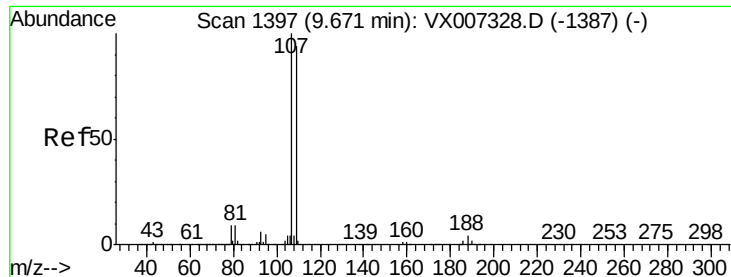
Tgt Ion: 43 Resp: 1340087
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3



#60
Dibromochloromethane
Concen: 52.694 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 129 Resp: 265548
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4

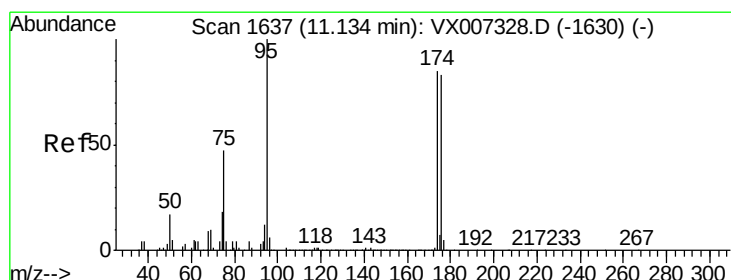
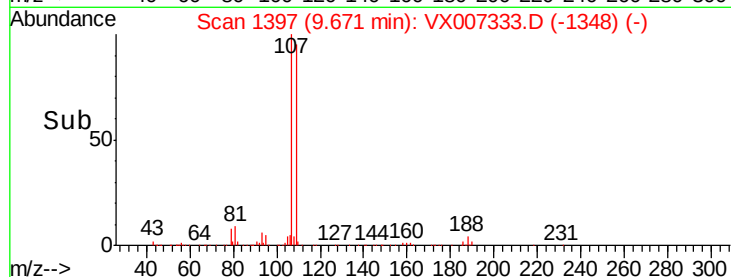
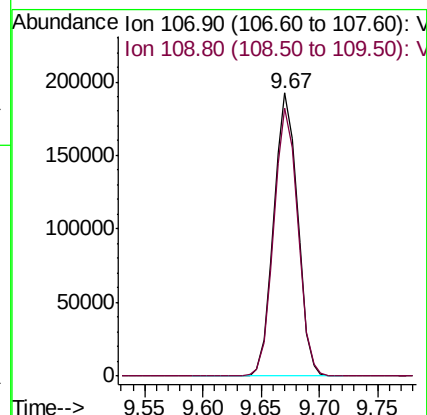
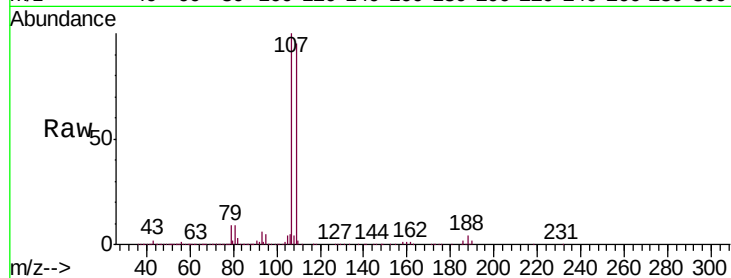




#61
 1,2-Dibromoethane
 Concen: 48.180 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

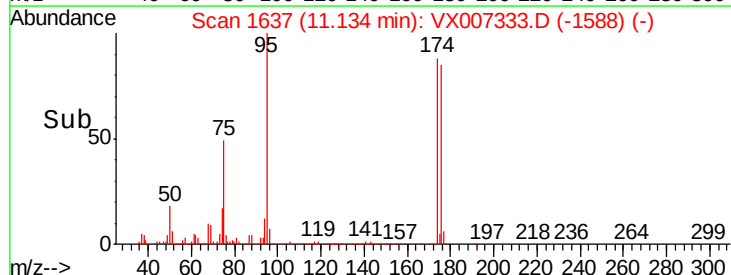
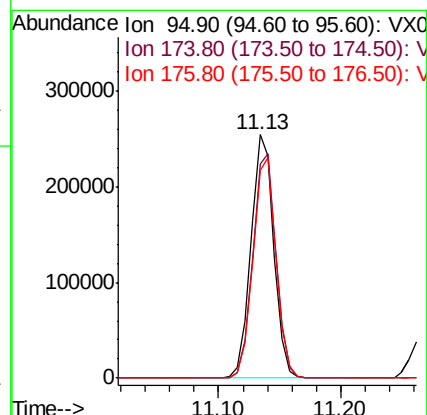
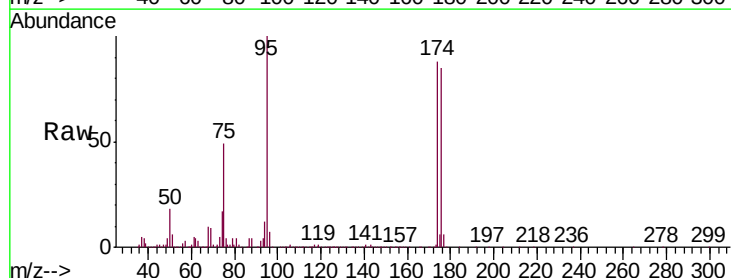
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

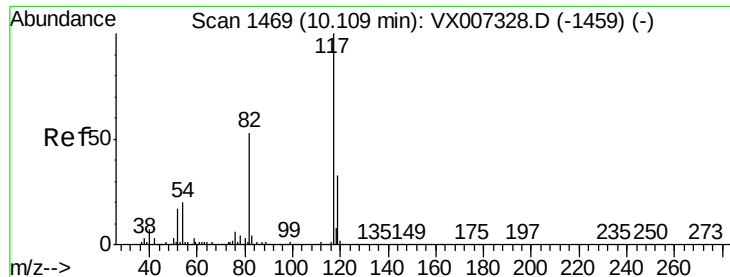
Tgt Ion: 107 Resp: 271872
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.960 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion: 95 Resp: 330090
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 189.2
 176 91.7 0.0 186.2

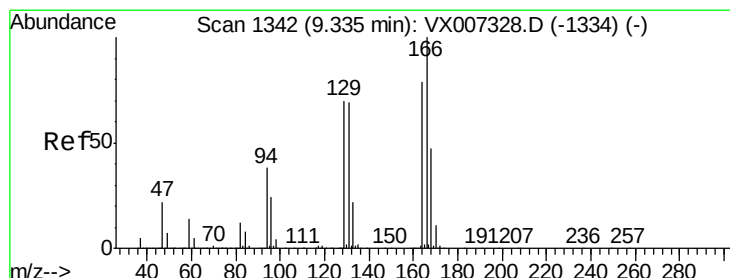
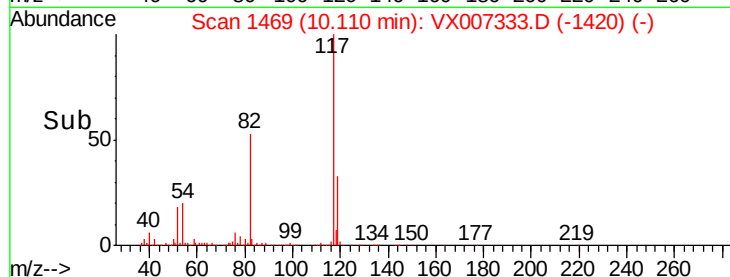
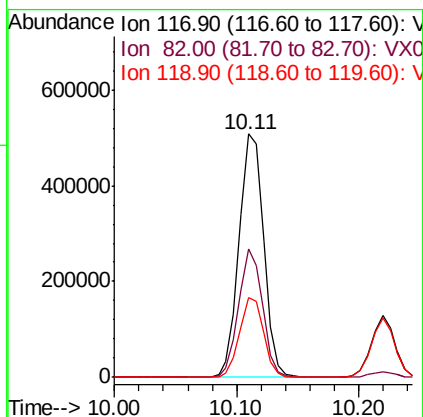
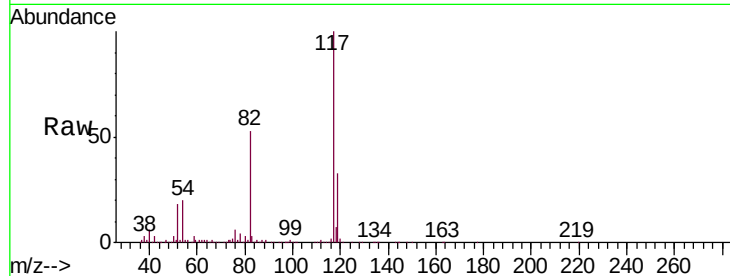




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

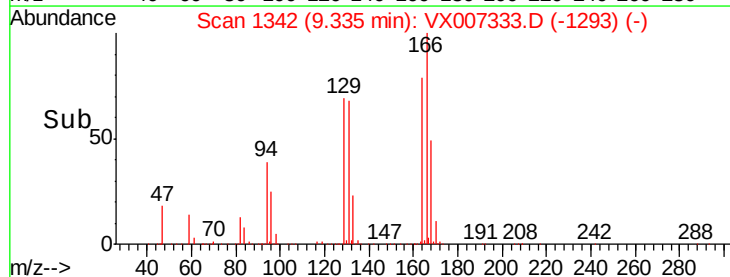
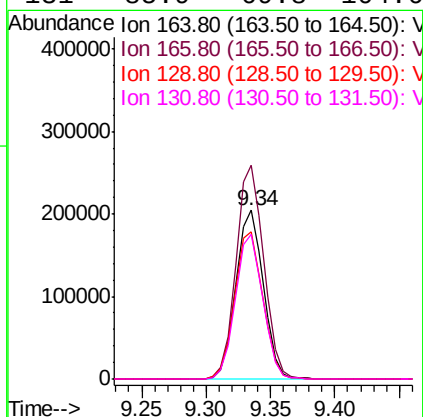
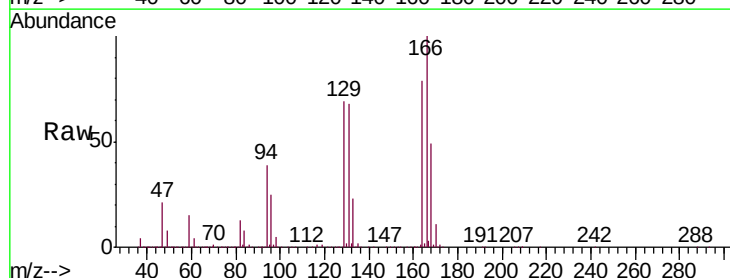
Instrument :
MSVOA_X
ClientSampleId :
BFB

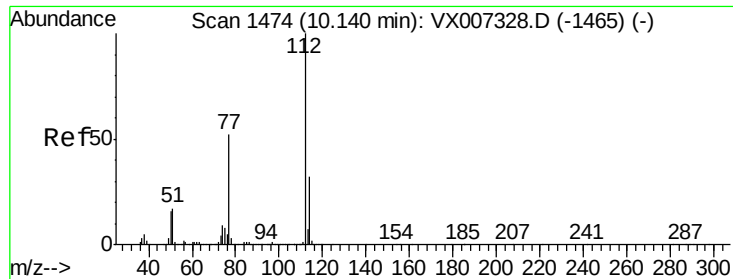
Tgt Ion:117 Resp: 706902
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 45.598 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion:164 Resp: 303809
Ion Ratio Lower Upper
164 100
166 126.6 101.0 151.4
129 87.2 70.5 105.7
131 85.9 69.8 104.6

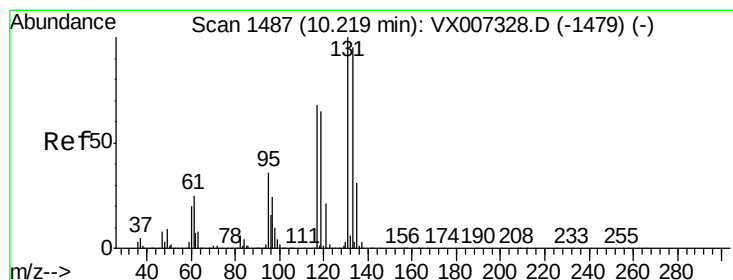
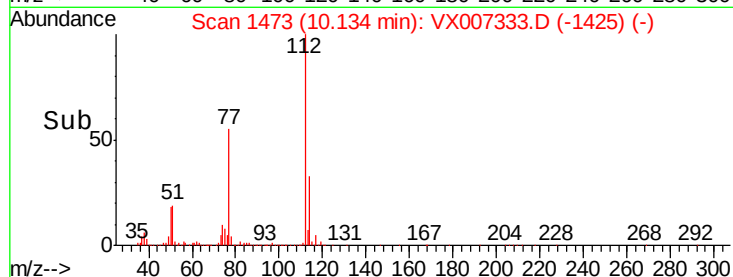
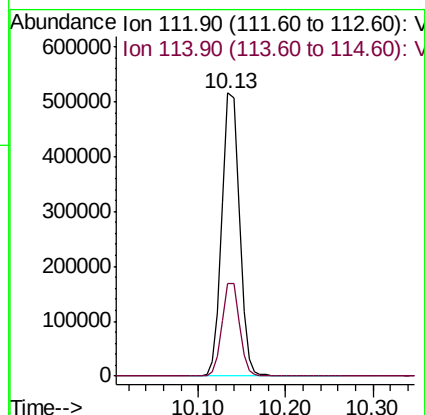
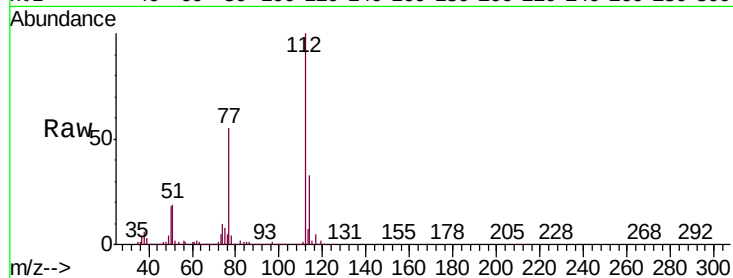




#65
Chlorobenzene
Concen: 46.463 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

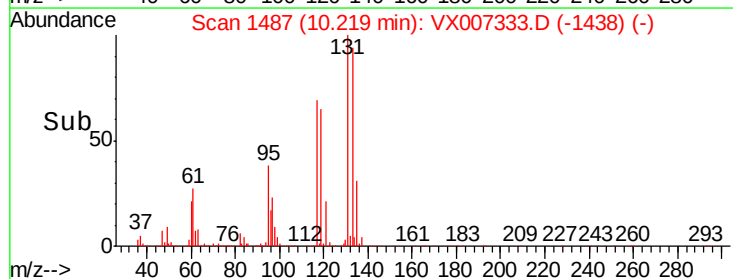
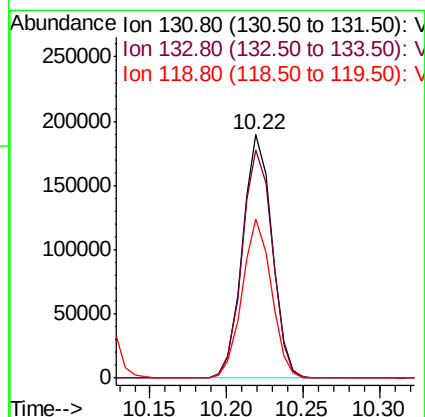
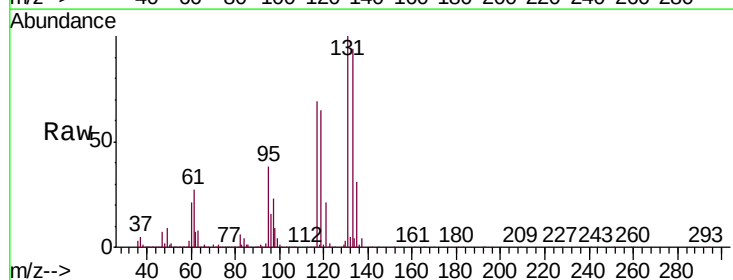
Instrument :
MSVOA_X
ClientSampleId :
BFB

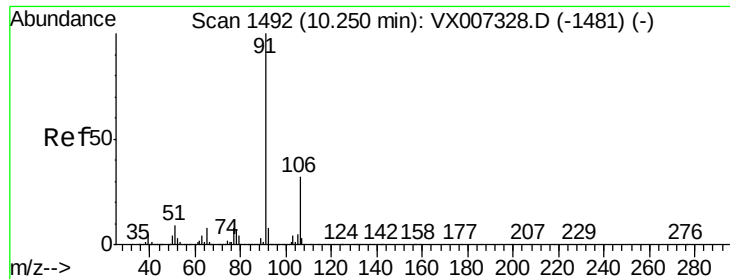
Tgt Ion:112 Resp: 716741
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.073 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion:131 Resp: 253799
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.2
119 65.0 32.0 96.0

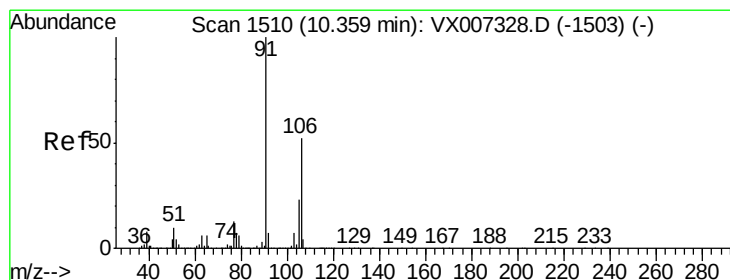
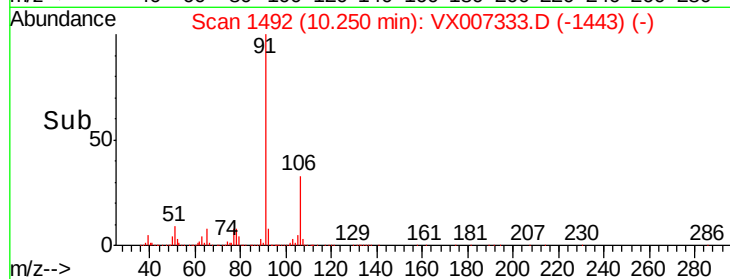
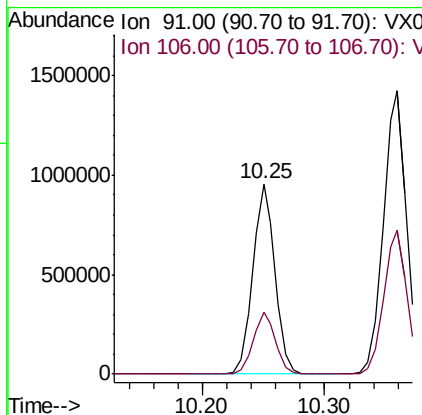
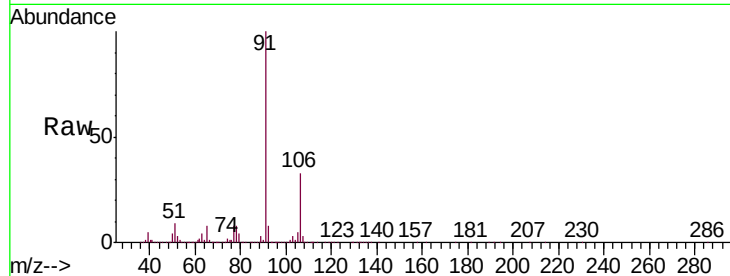




#67
Ethyl Benzene
Concen: 48.527 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

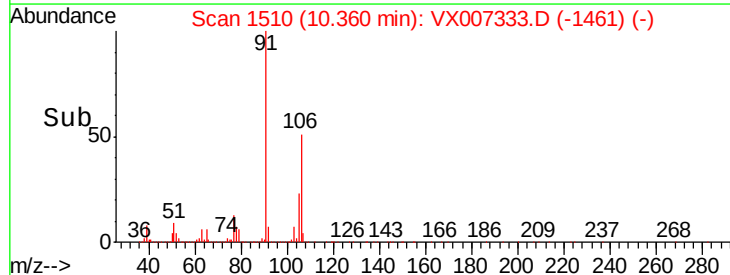
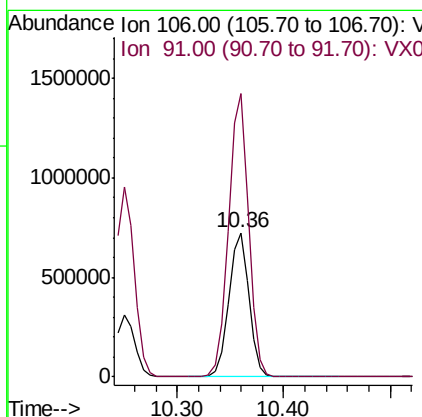
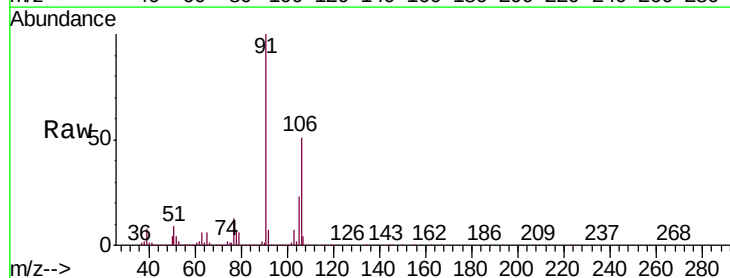
Instrument :
MSVOA_X
ClientSampleId :
BFB

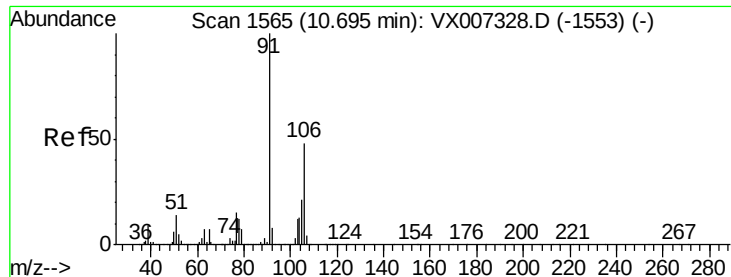
Tgt Ion: 91 Resp: 1205492
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0



#68
m/p-Xylenes
Concen: 97.152 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 106 Resp: 959360
Ion Ratio Lower Upper
106 100
91 195.7 156.6 234.8

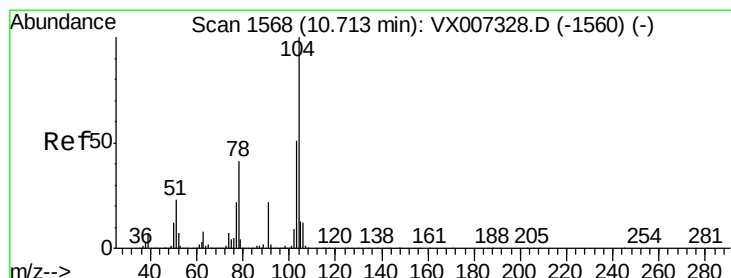
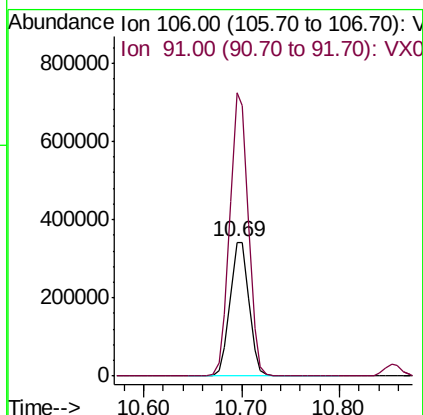
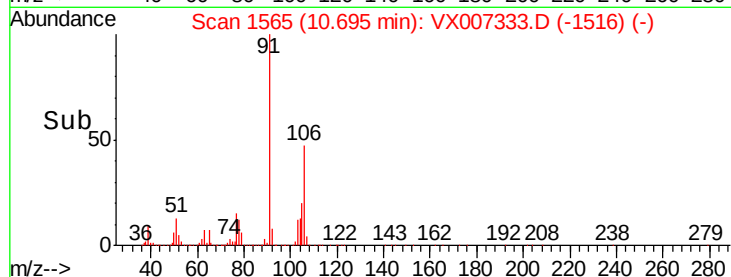
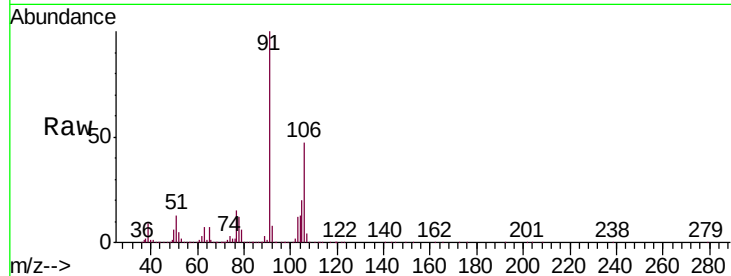




#69
o-Xylene
Concen: 48.895 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

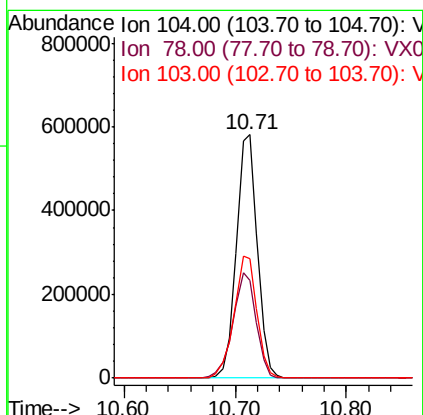
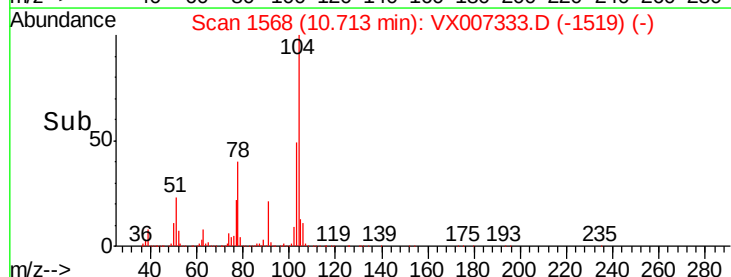
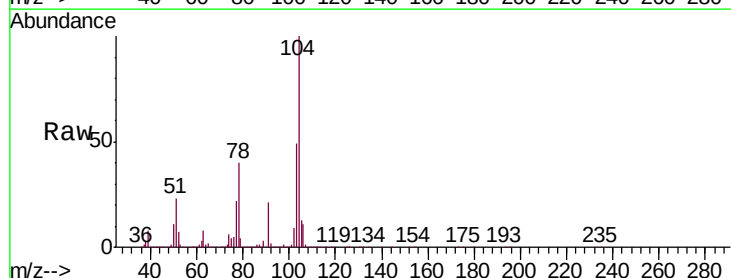
Instrument :
MSVOA_X
ClientSampled :
BFB

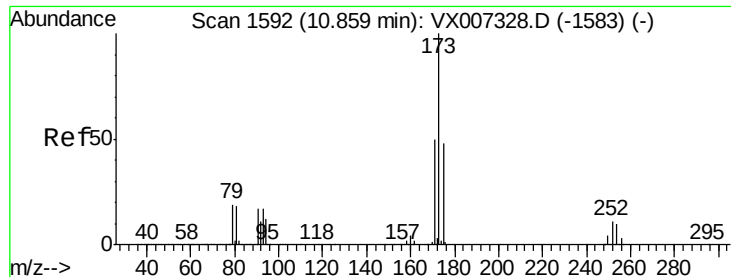
Tgt Ion:106 Resp: 464603
Ion Ratio Lower Upper
106 100
91 205.1 102.9 308.7



#70
Styrene
Concen: 49.210 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion:104 Resp: 758342
Ion Ratio Lower Upper
104 100
78 47.3 38.3 57.5
103 54.6 44.6 67.0





#71

Bromoform

Concen: 45.423 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

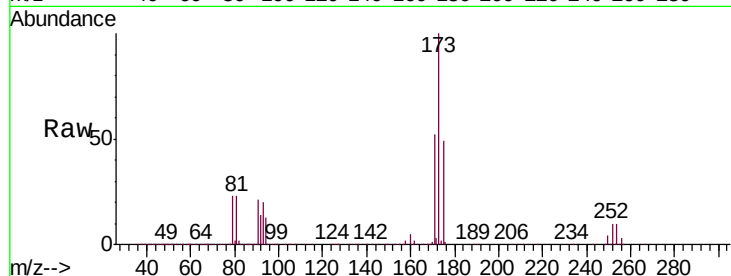
Tgt Ion:173 Resp: 204222

Ion Ratio Lower Upper

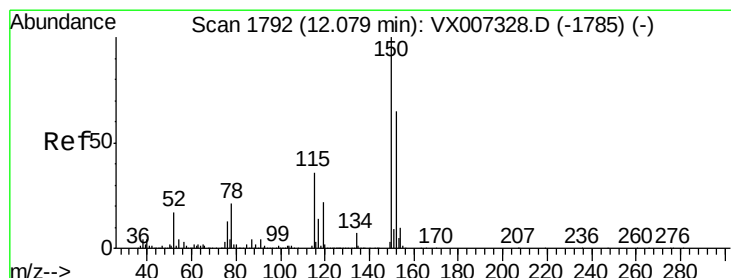
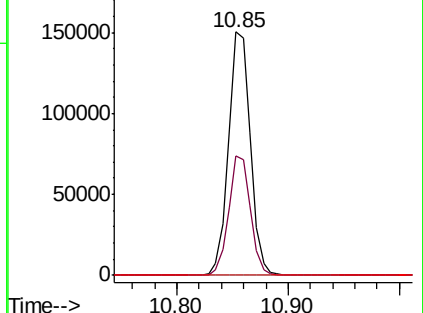
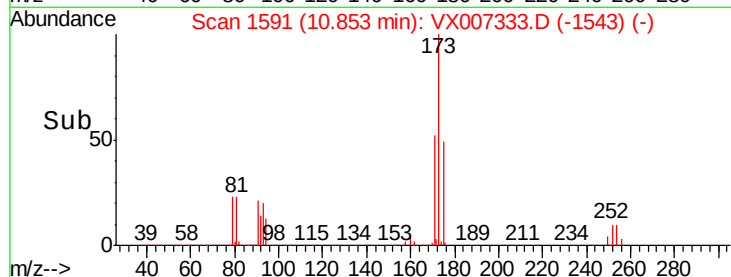
173 100

175 48.3 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: VX007333.D

Acq: 01 Feb 2019 13:22

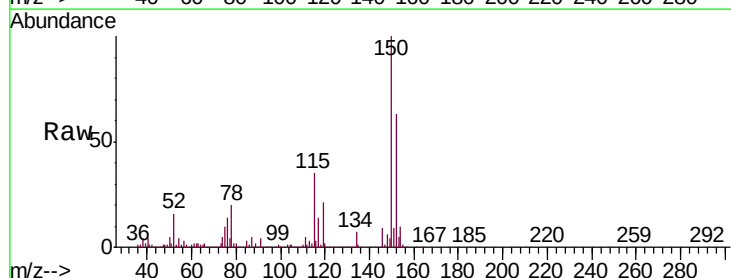
Tgt Ion:152 Resp: 380944

Ion Ratio Lower Upper

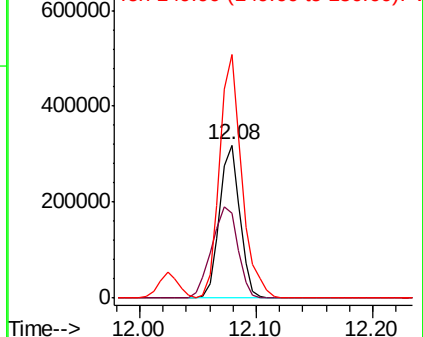
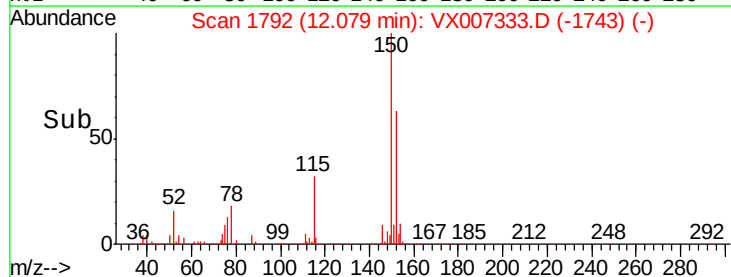
152 100

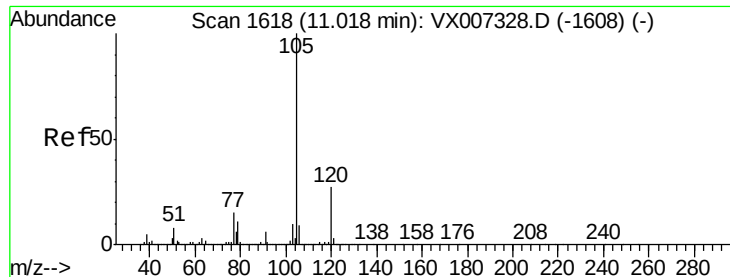
115 77.1 38.0 114.0

150 174.0 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: 48.036 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

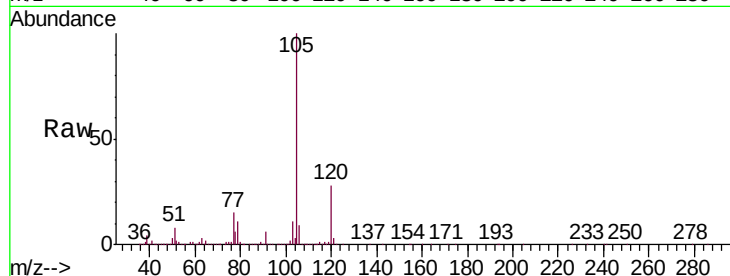
BFB

Tgt Ion: 105 Resp: 1243511

Ion Ratio Lower Upper

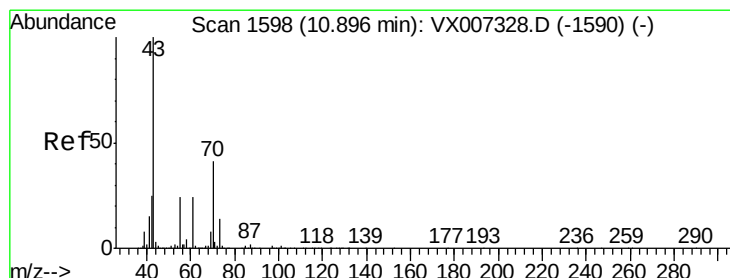
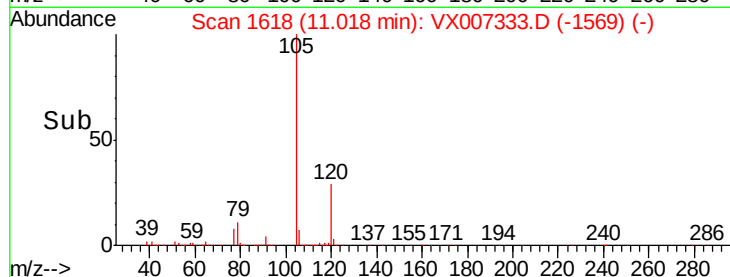
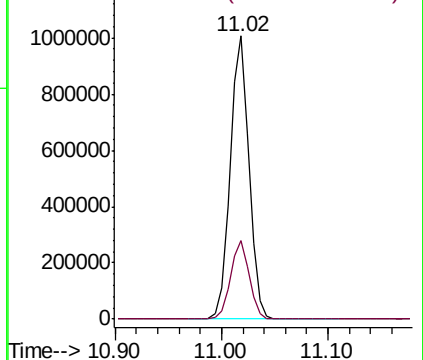
105 100

120 27.4 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: 48.068 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Tgt Ion: 43 Resp: 481294

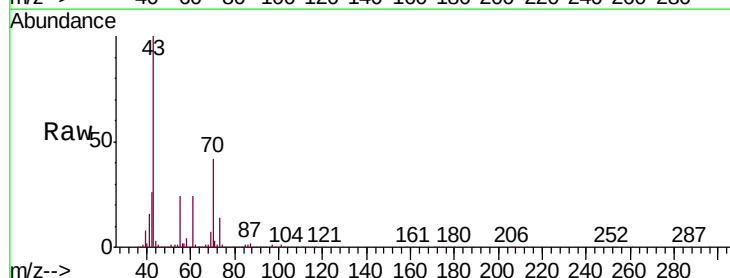
Ion Ratio Lower Upper

43 100

70 42.2 33.8 50.6

55 24.2 19.5 29.3

61 24.2 19.4 29.2

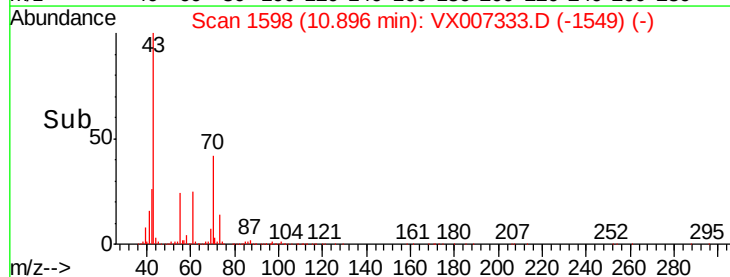
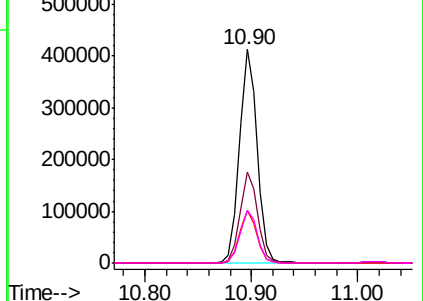


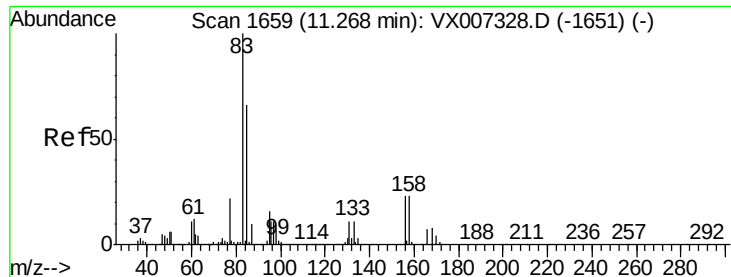
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.076 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

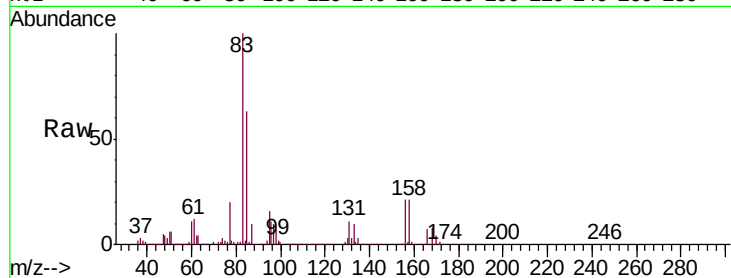
Tgt Ion: 83 Resp: 363511

Ion Ratio Lower Upper

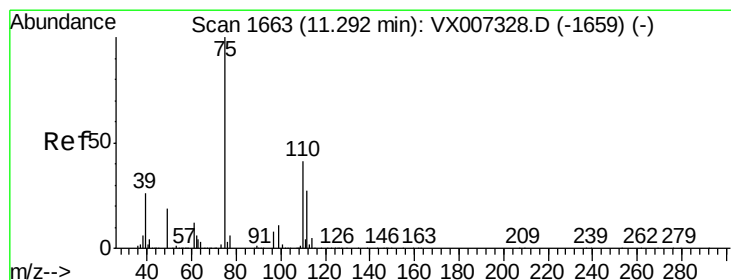
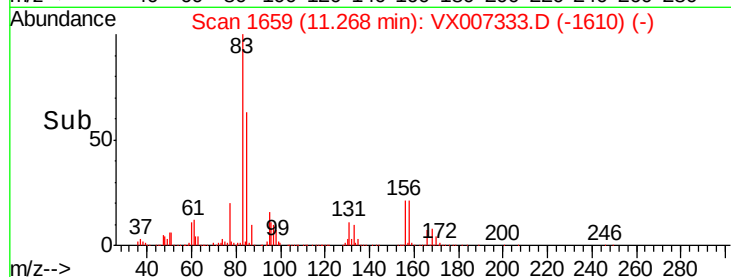
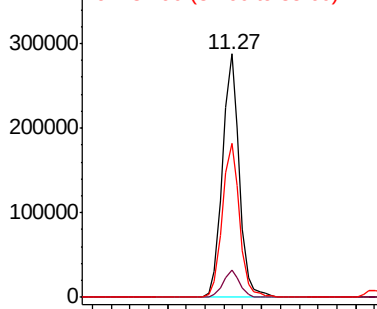
83 100

131 11.1 5.7 17.0

85 64.9 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: 58.842 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007333.D

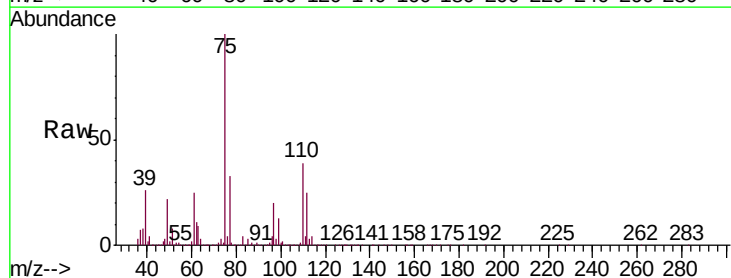
Acq: 01 Feb 2019 13:22

Tgt Ion: 75 Resp: 436006

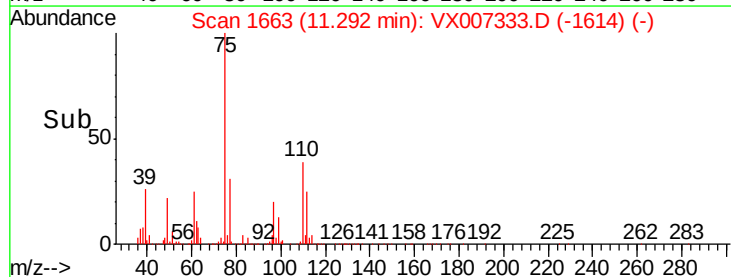
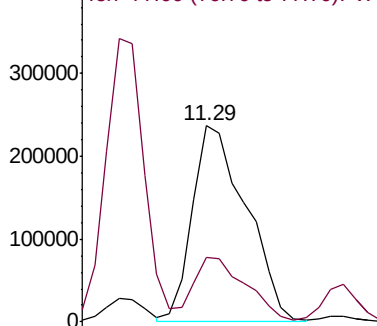
Ion Ratio Lower Upper

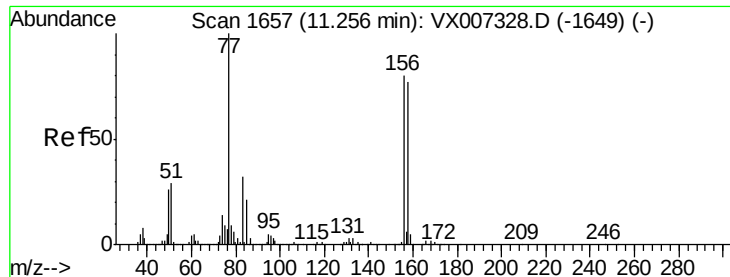
75 100

77 32.3 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.890 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

BFB

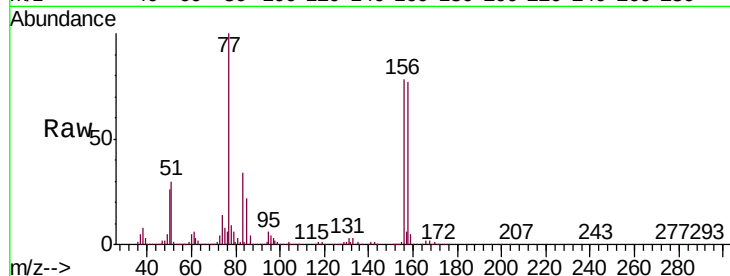
Tgt Ion:156 Resp: 334716

Ion Ratio Lower Upper

156 100

77 133.3 66.8 200.6

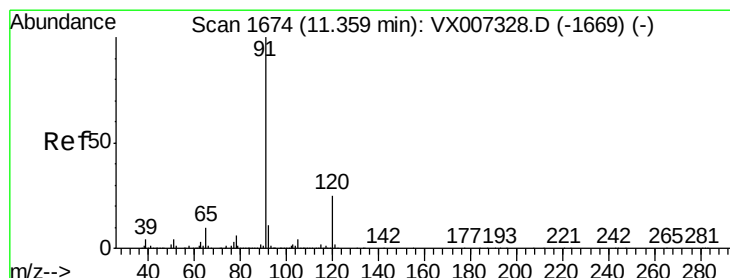
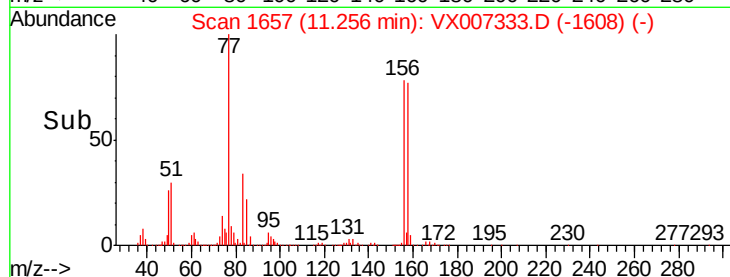
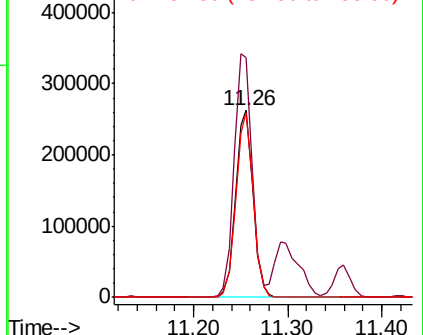
158 97.4 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.688 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007333.D

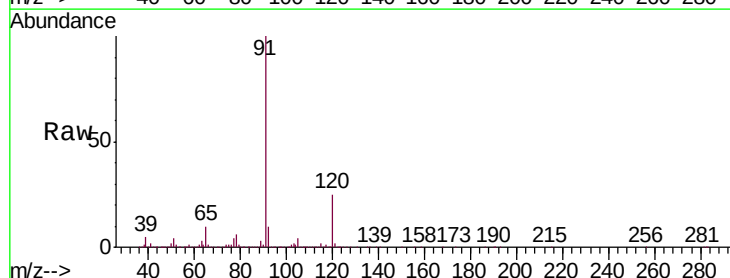
Acq: 01 Feb 2019 13:22

Tgt Ion: 91 Resp: 1410495

Ion Ratio Lower Upper

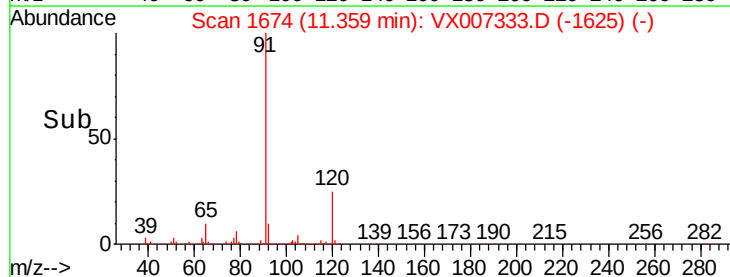
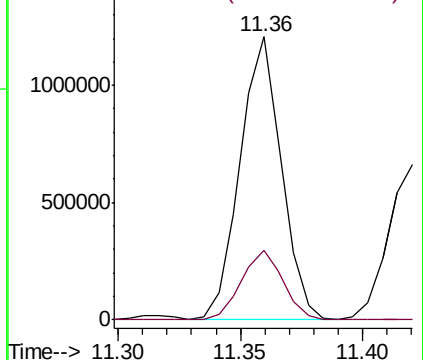
91 100

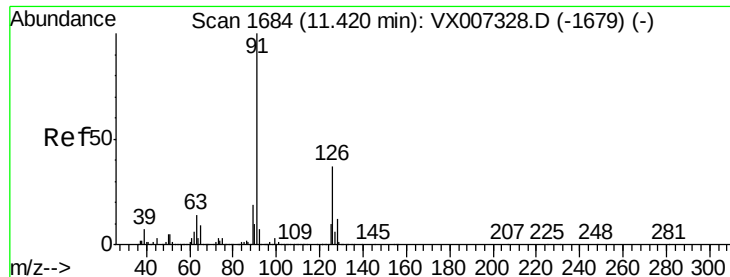
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.475 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

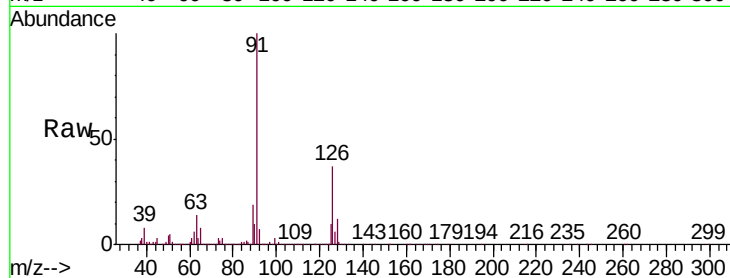
BFB

Tgt Ion: 91 Resp: 817734

Ion Ratio Lower Upper

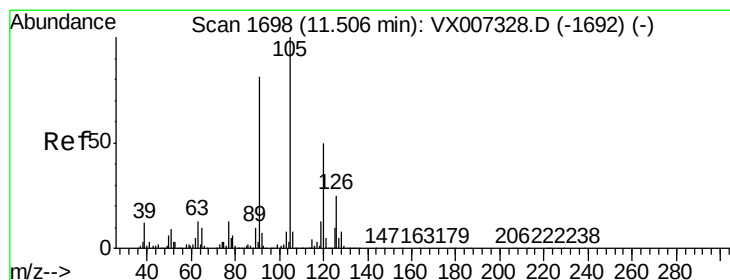
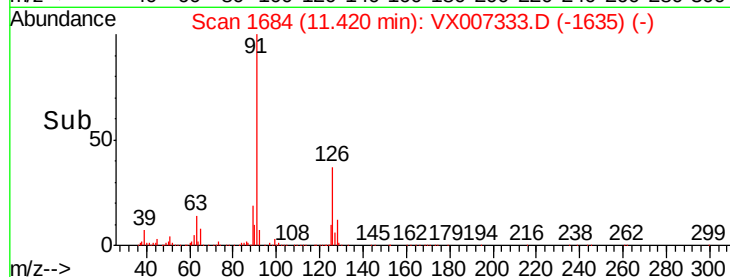
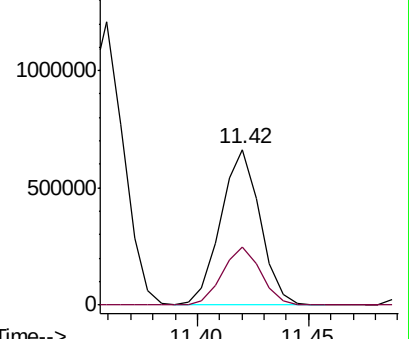
91 100

126 36.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.105 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007333.D

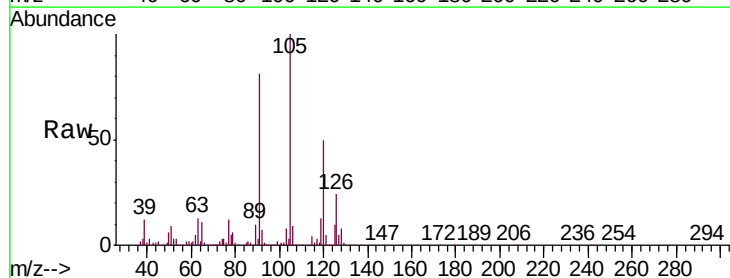
Acq: 01 Feb 2019 13:22

Tgt Ion: 105 Resp: 1039988

Ion Ratio Lower Upper

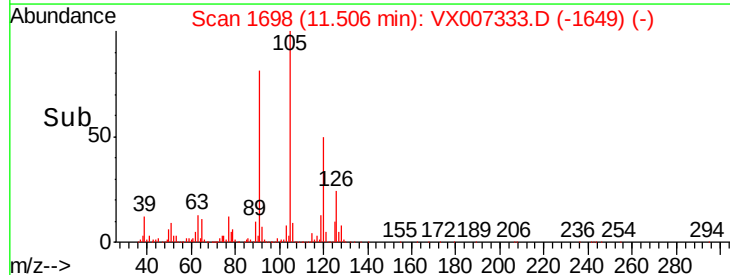
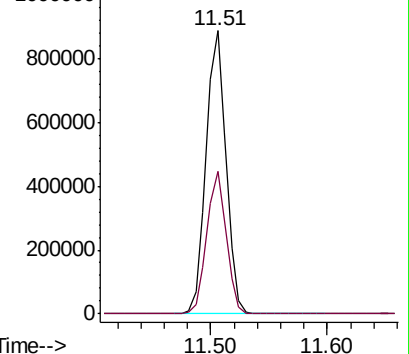
105 100

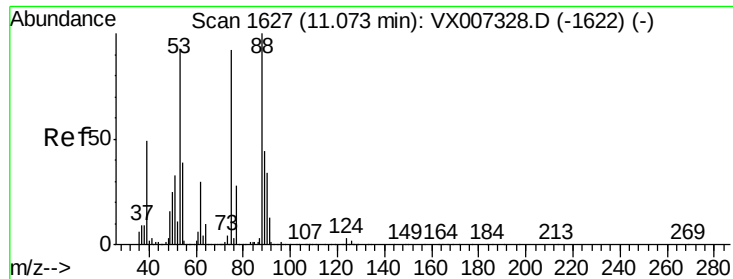
120 49.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.166 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

BFB

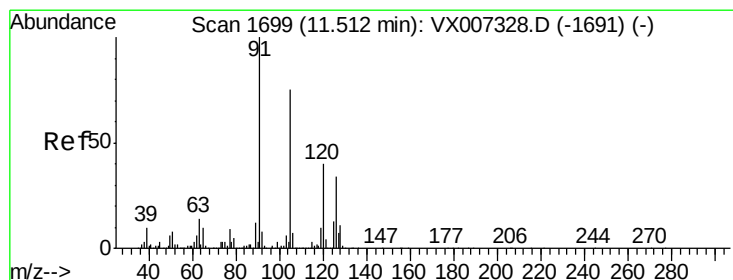
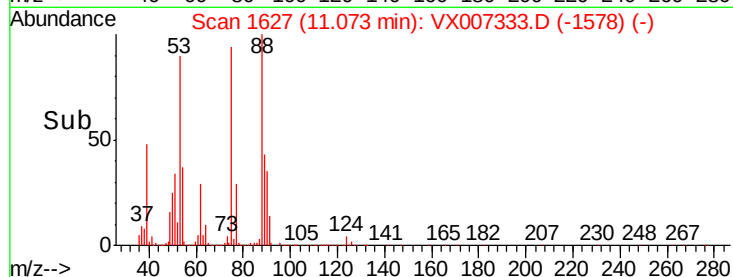
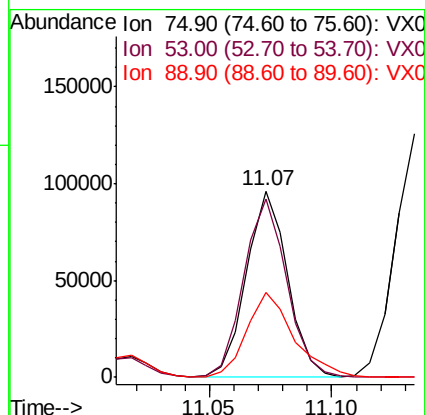
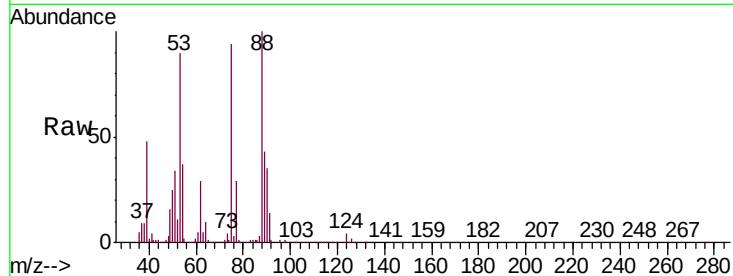
Tgt Ion: 75 Resp: 112444

Ion Ratio Lower Upper

75 100

53 100.0 81.0 121.6

89 52.3 41.4 62.0



#82

4-Chlorotoluene

Concen: 48.331 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007333.D

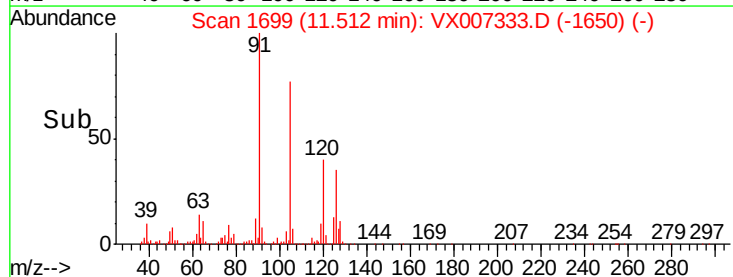
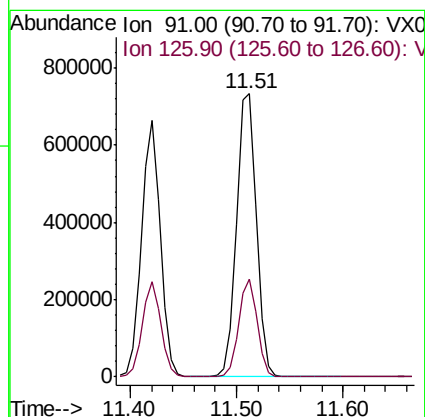
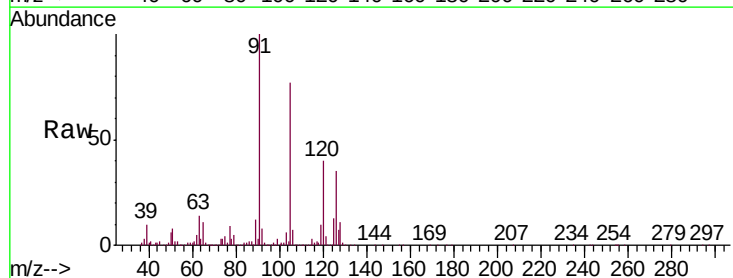
Acq: 01 Feb 2019 13:22

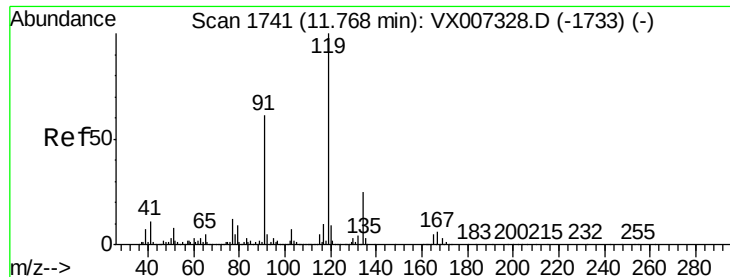
Tgt Ion: 91 Resp: 963265

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.5

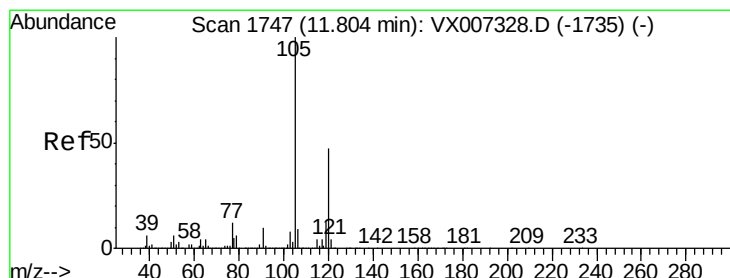
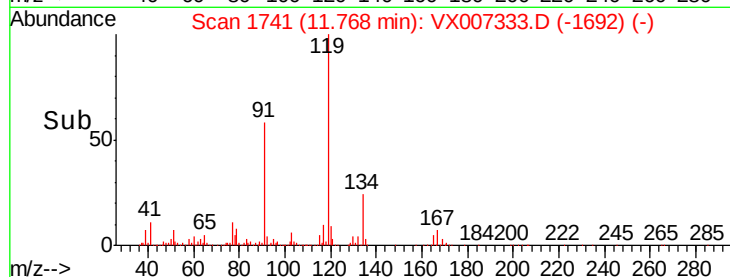
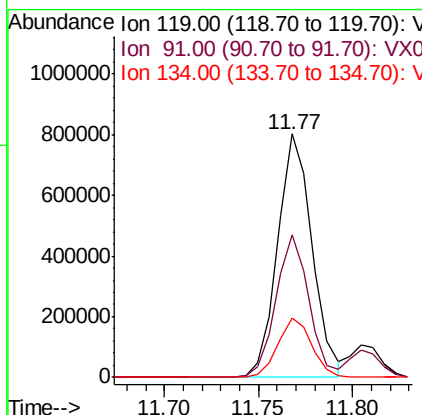
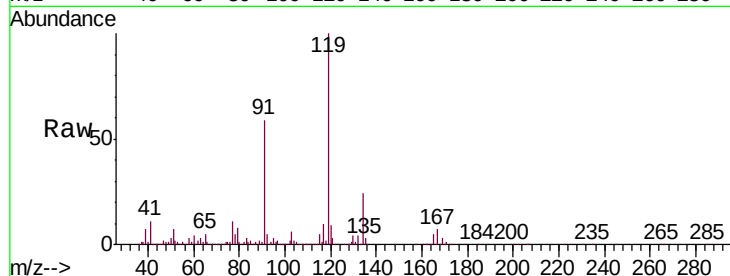




#83
 tert-Butylbenzene
 Concen: 48.497 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

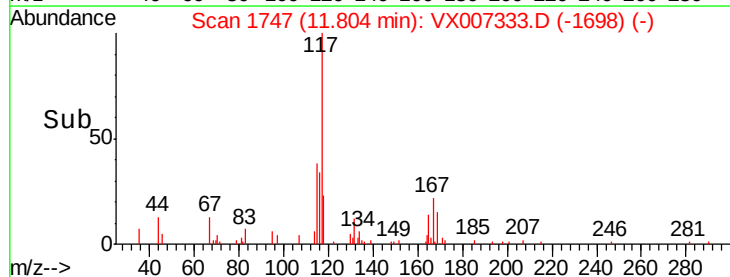
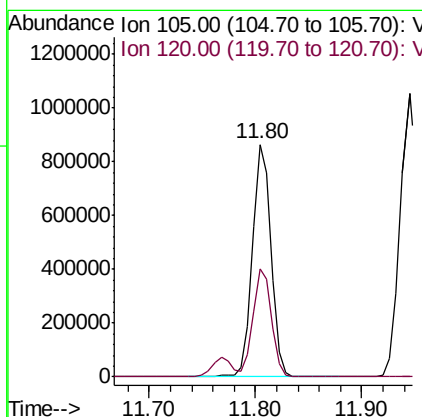
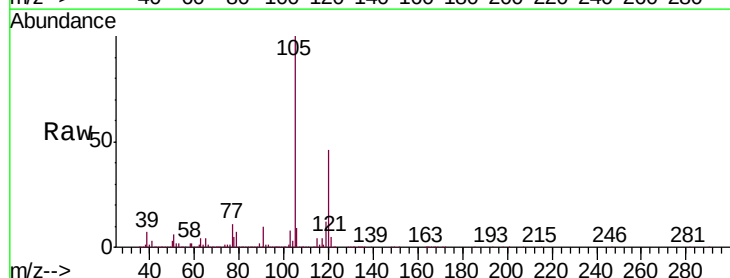
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

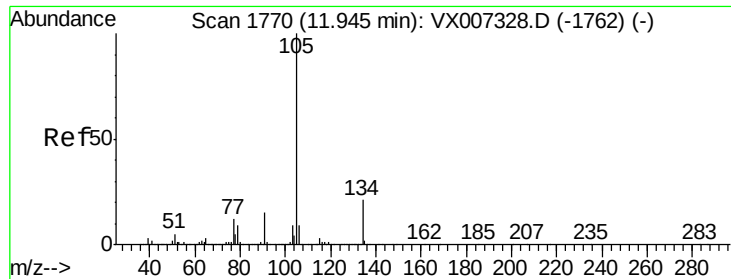
Tgt Ion:119 Resp: 1016901
 Ion Ratio Lower Upper
 119 100
 91 56.1 28.5 85.6
 134 23.8 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.402 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion:105 Resp: 1062214
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.213 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

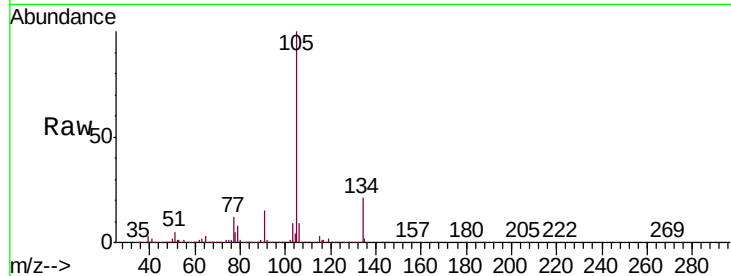
BFB

Tgt Ion:105 Resp: 1274321

Ion Ratio Lower Upper

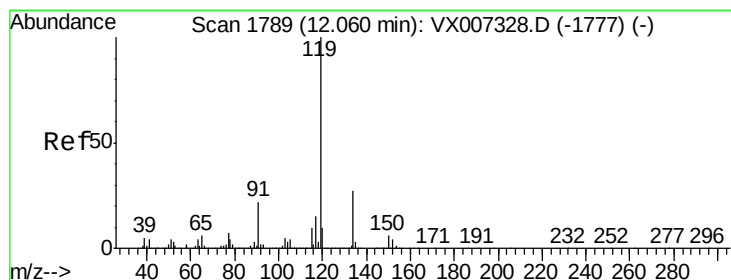
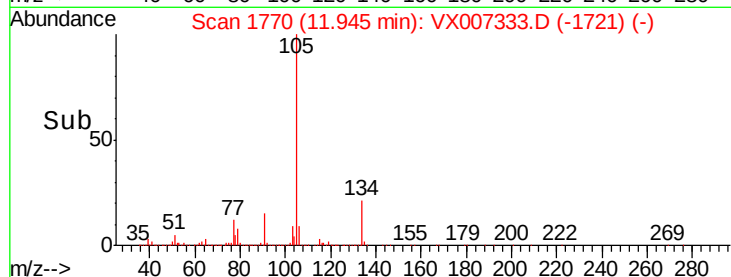
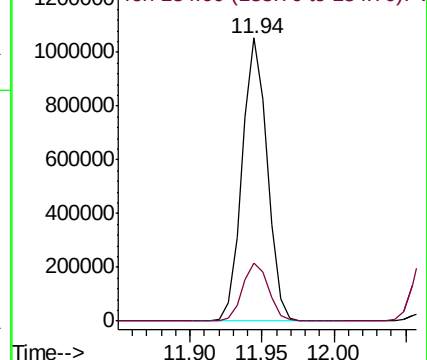
105 100

134 21.1 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: 49.864 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007333.D

Acq: 01 Feb 2019 13:22

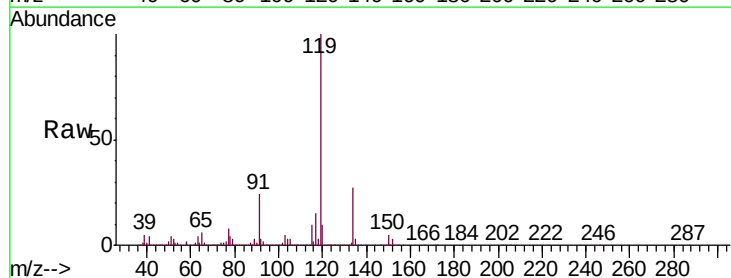
Tgt Ion:119 Resp: 1142341

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

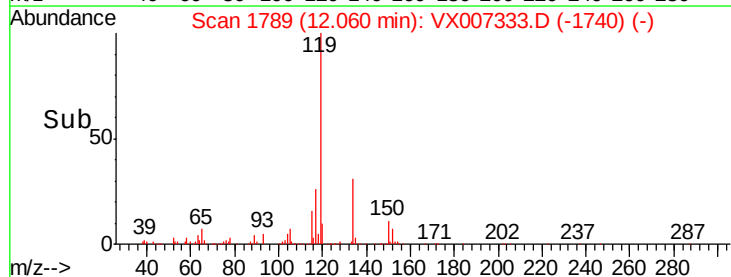
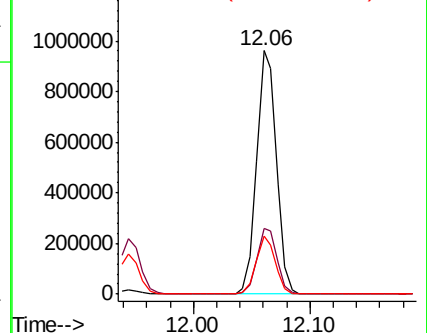
91 22.9 11.2 33.5

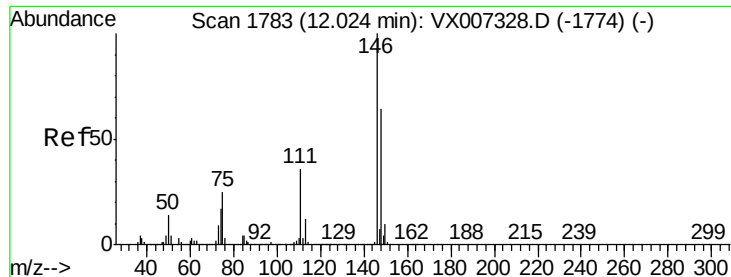


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

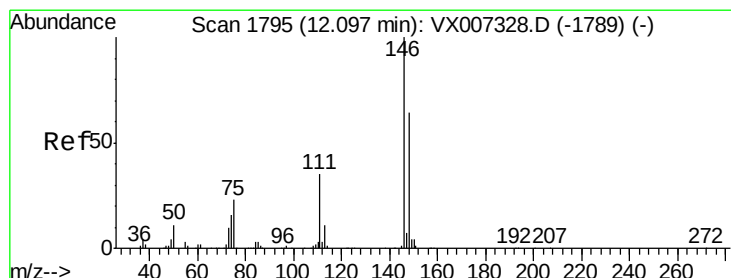
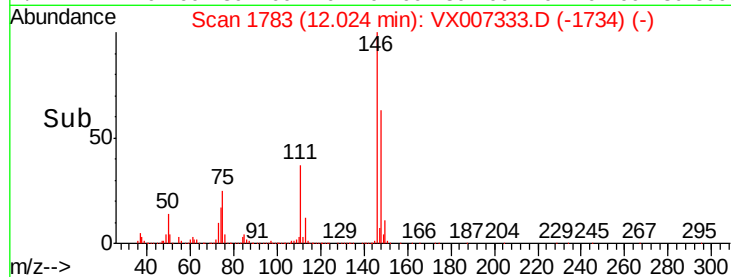
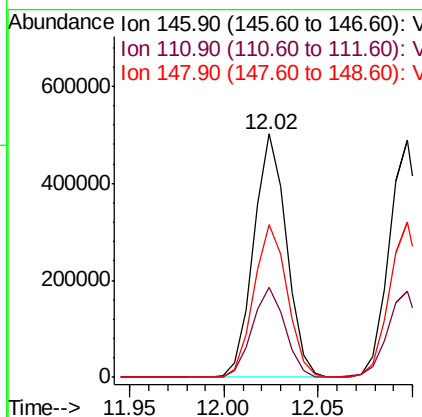
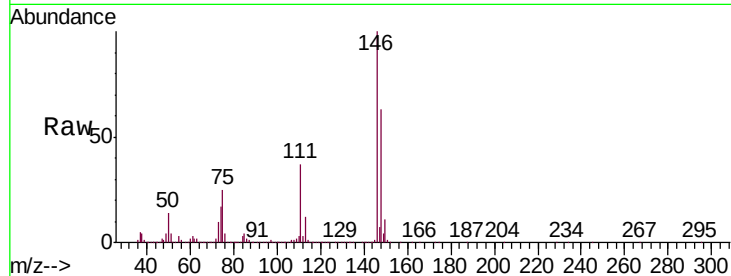




#87
 1,3-Dichlorobenzene
 Concen: 46.328 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

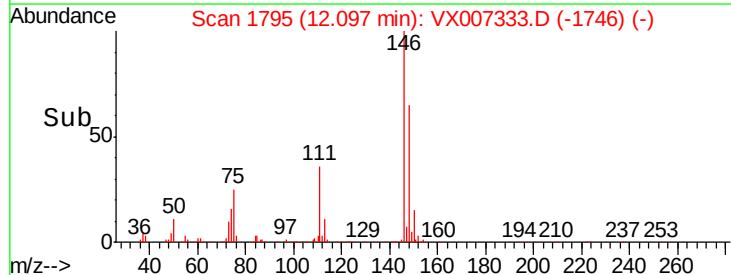
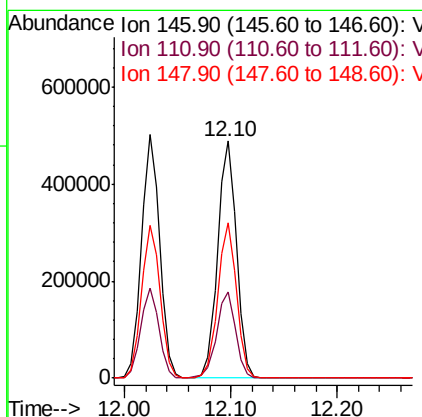
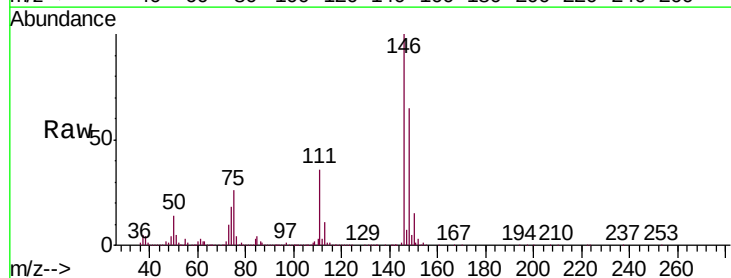
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

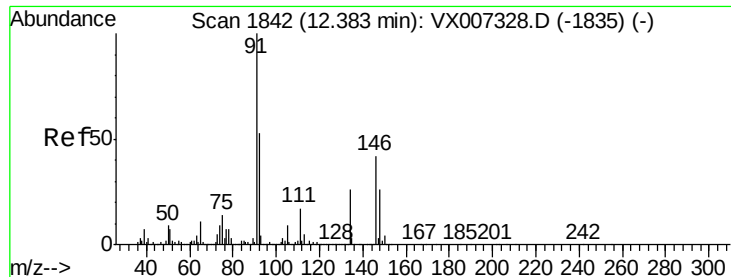
Tgt Ion:146 Resp: 606428
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.1
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.114 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion:146 Resp: 599132
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.8 32.3 96.9

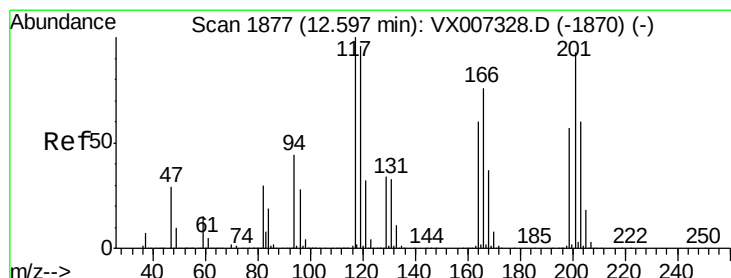
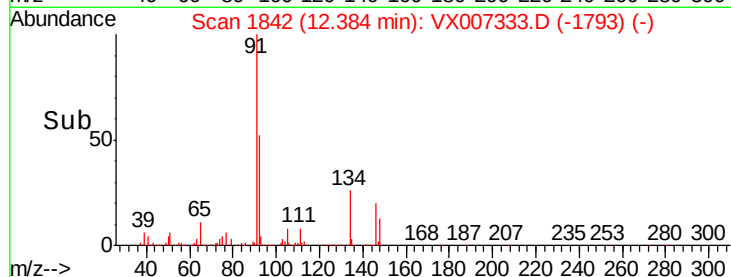
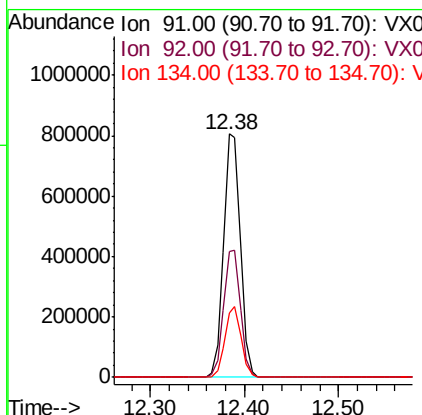
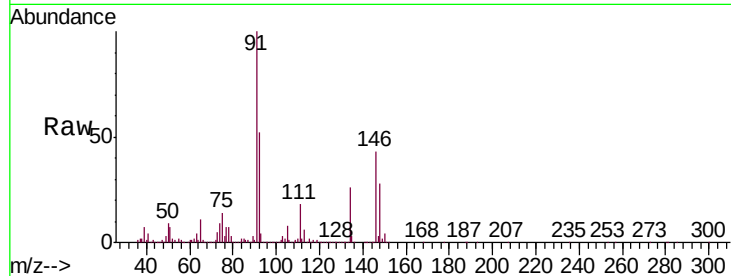




#89
n-Butylbenzene
Concen: 50.284 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

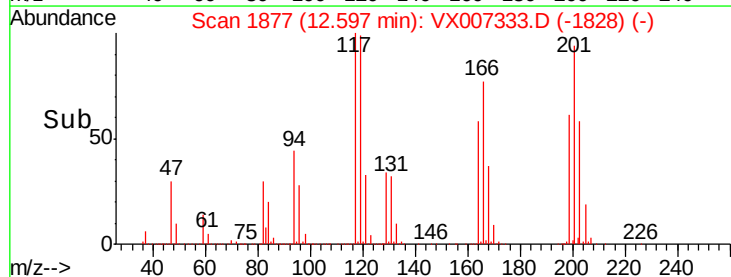
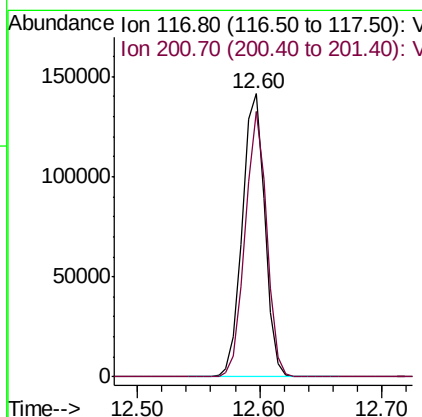
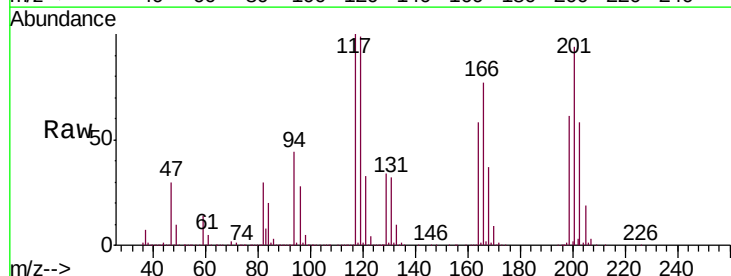
Instrument :
MSVOA_X
ClientSampled :
BFB

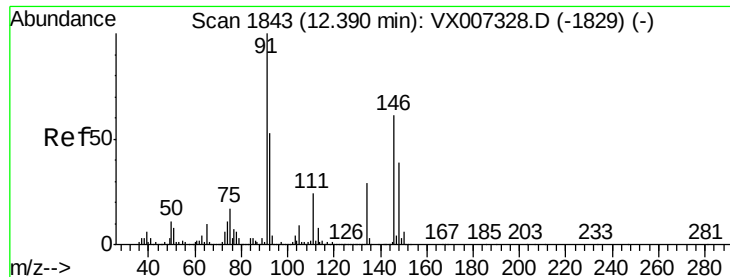
Tgt Ion: 91 Resp: 990964
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 27.9 13.9 41.6



#90
Hexachloroethane
Concen: 52.355 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion: 117 Resp: 179504
Ion Ratio Lower Upper
117 100
201 90.1 44.9 134.7

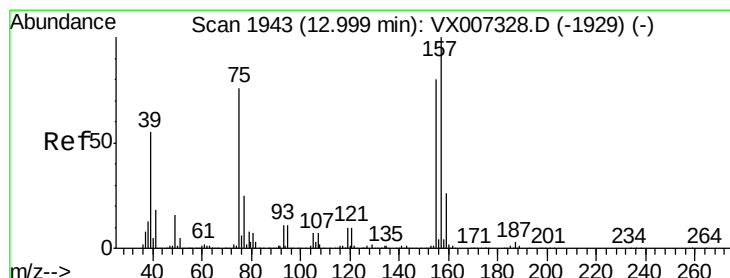
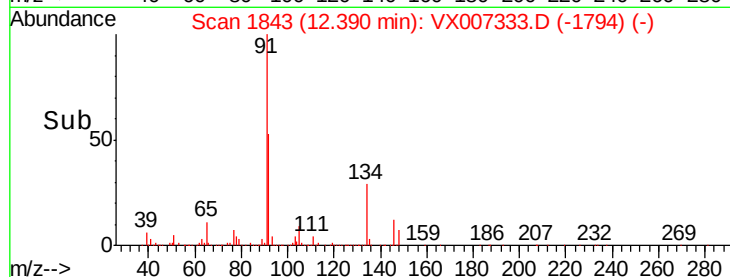
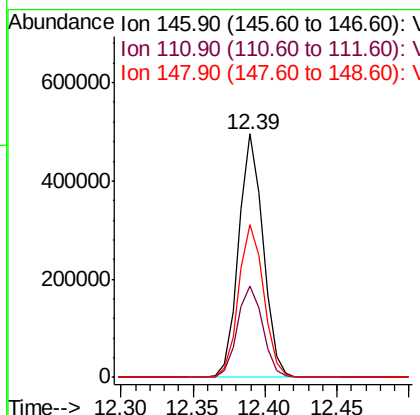
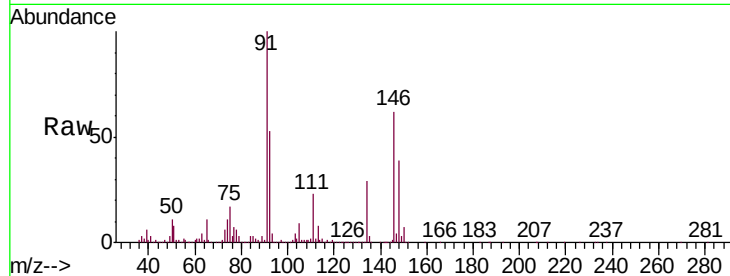




#91
 1,2-Dichlorobenzene
 Concen: 45.065 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

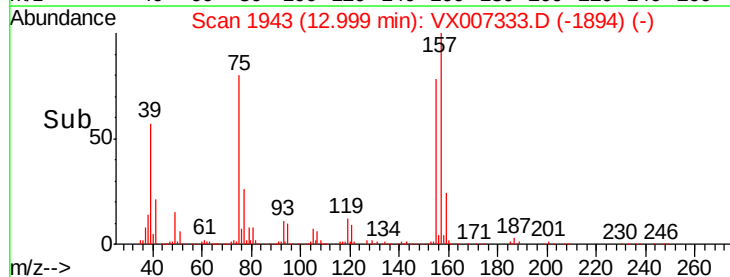
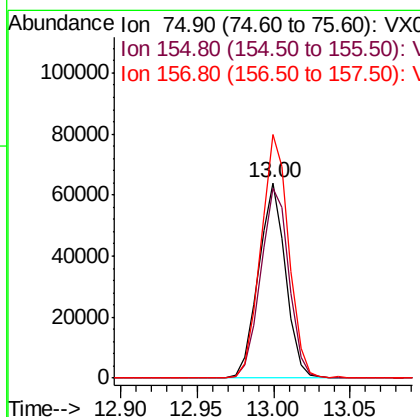
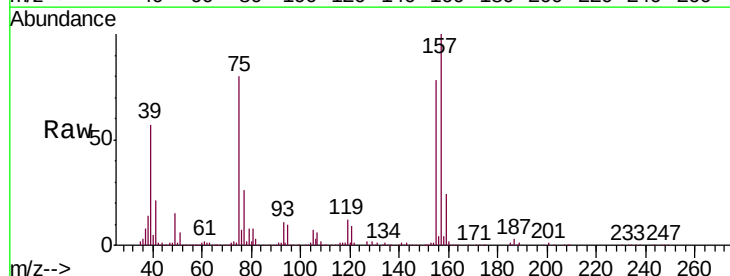
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

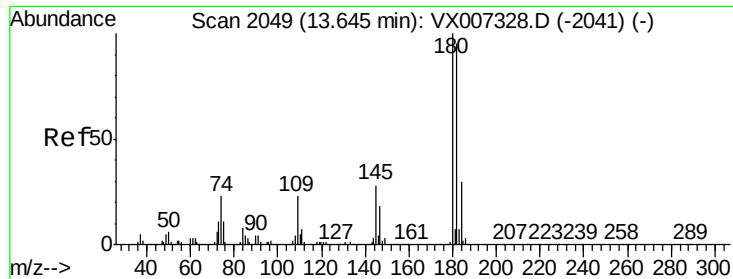
Tgt Ion: 146 Resp: 587062
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.3
 148 64.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.205 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion: 75 Resp: 79077
 Ion Ratio Lower Upper
 75 100
 155 102.0 49.6 149.0
 157 128.6 65.1 195.3

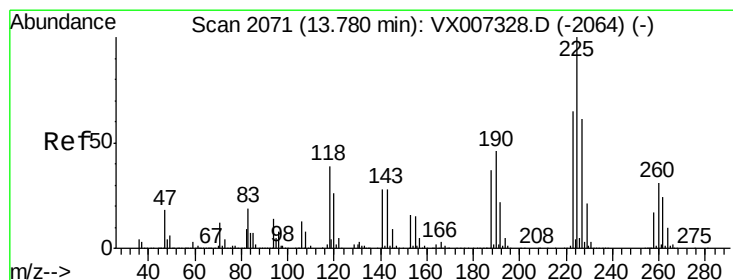
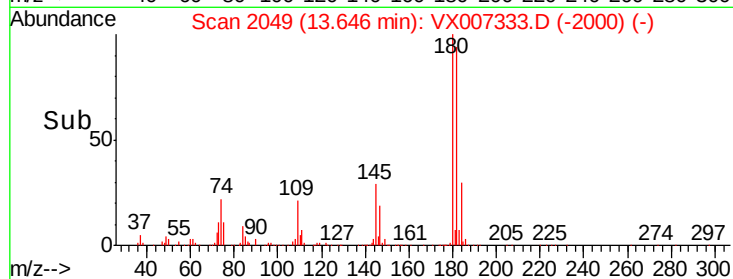
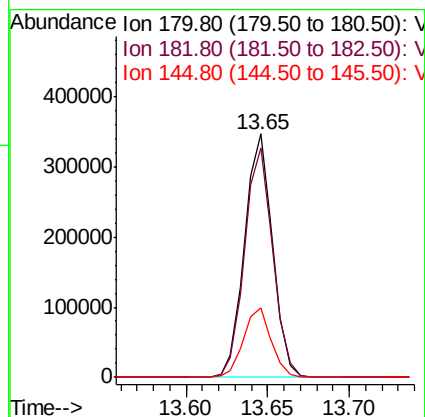
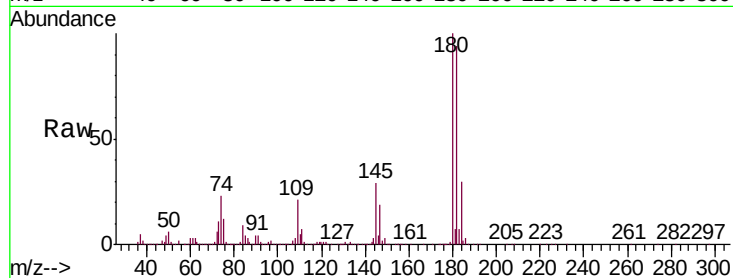




#93
 1,2,4-Trichlorobenzene
 Concen: 47.282 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

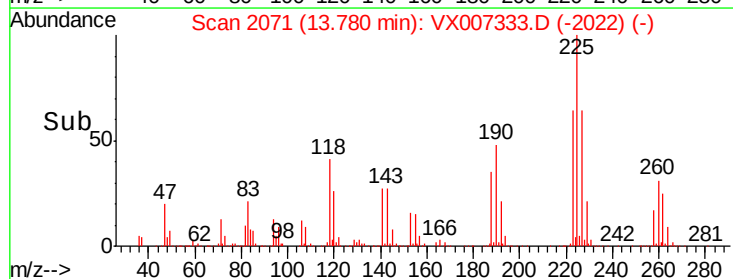
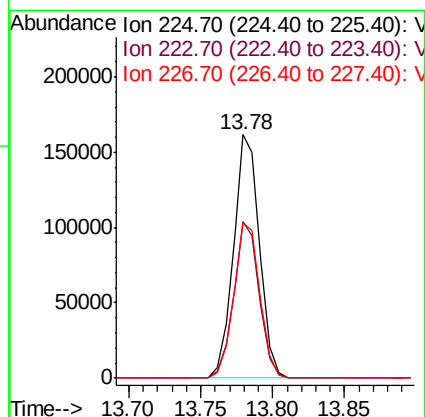
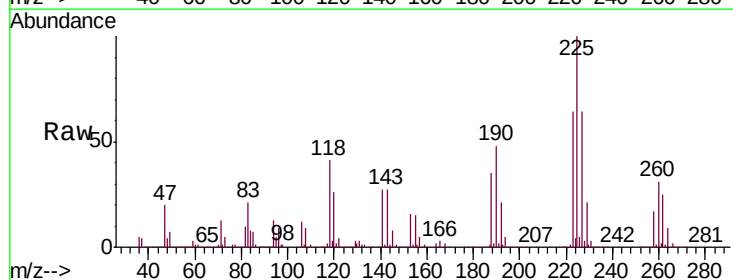
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

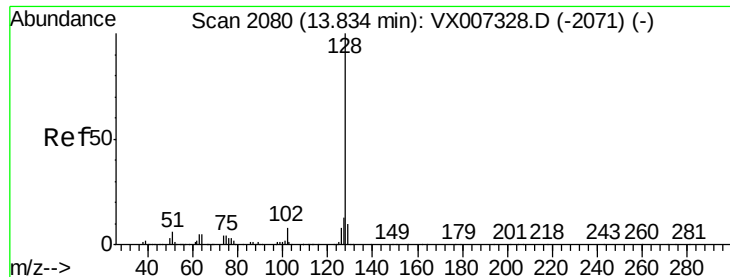
Tgt Ion:180 Resp: 415388
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.3
 145 28.6 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 47.584 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007333.D
 Acq: 01 Feb 2019 13:22

Tgt Ion:225 Resp: 202991
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.8
 227 64.2 32.1 96.3

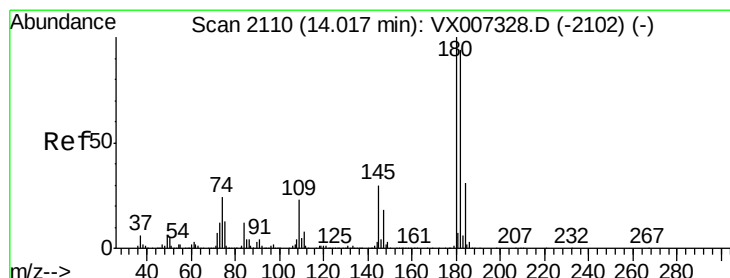
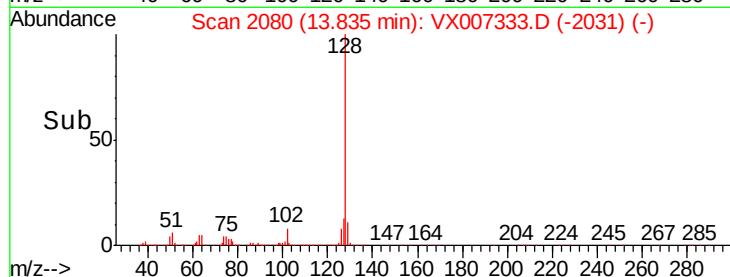
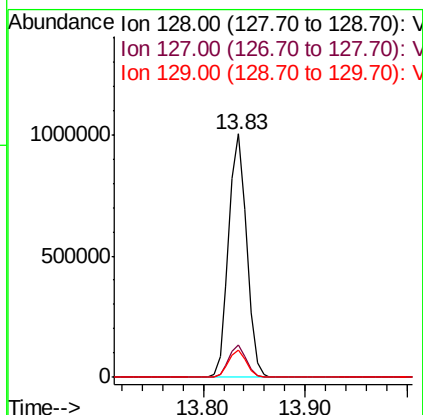
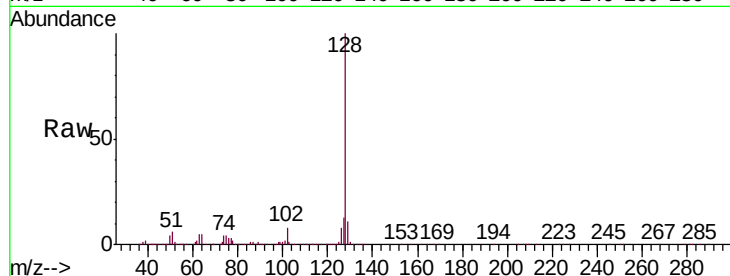




#95
Naphthalene
Concen: 47.512 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 1220640
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.413 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007333.D
Acq: 01 Feb 2019 13:22

Tgt Ion:180 Resp: 410442
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 30.0 14.9 44.5

