

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009793.D
 Acq On : 22 May 2019 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: May 23 07:12:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113673	44.95	ug/l	0.00
Spiked Amount			Recovery	=	89.90%	
35) Dibromofluoromethane	5.49	113	82522	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
50) Toluene-d8	8.71	98	337495	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
62) 4-Bromofluorobenzene	11.13	95	125877	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70782	41.462	ug/l	99
3) Chloromethane	1.32	50	101854	43.701	ug/l	100
4) Vinyl Chloride	1.41	62	99712	43.873	ug/l	97
5) Bromomethane	1.64	94	61147	44.825	ug/l	96
6) Chloroethane	1.71	64	62887	43.097	ug/l	100
7) Trichlorofluoromethane	1.92	101	123630	44.751	ug/l	99
8) Diethyl Ether	2.19	74	55485	42.400	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76330	43.998	ug/l	99
10) Methyl Iodide	2.51	142	82485	41.755	ug/l	99
11) Tert butyl alcohol	3.05	59	121303	207.216	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75421	43.389	ug/l	98
13) Acrolein	2.29	56	104005	196.180	ug/l	98
14) Allyl chloride	2.73	41	185465	43.782	ug/l	98
15) Acrylonitrile	3.14	53	302192	211.127	ug/l	99
16) Acetone	2.44	43	345574	254.481	ug/l	96
17) Carbon Disulfide	2.57	76	225562	46.220	ug/l	98
18) Methyl Acetate	2.77	43	130072	40.276	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	288701	42.770	ug/l	100
20) Methylene Chloride	2.85	84	90442	41.134	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	82566	43.799	ug/l	98
22) Diisopropyl ether	3.85	45	358146	43.963	ug/l	97
23) Vinyl Acetate	3.81	43	1617490	231.867	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172635	42.957	ug/l	99
25) 2-Butanone	4.67	43	484174	229.442	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131836	44.073	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	96209	42.758	ug/l	98
28) Bromochloromethane	5.01	49	76372	47.047	ug/l	97
29) Tetrahydrofuran	5.12	42	298799	220.042	ug/l	97
30) Chloroform	5.21	83	156770	43.131	ug/l	98
31) Cyclohexane	5.58	56	172666	46.181	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	131116	43.334	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123954	45.965	ug/l	99
37) Ethyl Acetate	4.83	43	170496	45.377	ug/l	99
38) Carbon Tetrachloride	5.78	117	110194	44.975	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159148	48.055	ug/l	98
40) Benzene	6.14	78	373122	44.707	ug/l	99
41) Methacrylonitrile	5.04	41	97541	43.611	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136512	45.598	ug/l	98
43) Isopropyl Acetate	6.44	43	273028	45.429	ug/l	99
44) Trichloroethene	7.21	130	89244	44.232	ug/l	100
45) 1,2-Dichloropropane	7.51	63	105773	44.758	ug/l	97
46) Dibromomethane	7.66	93	60620	44.173	ug/l	100
47) Bromodichloromethane	7.90	83	122378	44.705	ug/l	97
48) Methyl methacrylate	7.76	41	138705	46.518	ug/l	98
49) 1,4-Dioxane	7.74	88	51429	850.501	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	903814	230.078	ug/l	99
52) Toluene	8.78	92	227999	44.942	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144064	46.613	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159496	46.625	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90717	43.830	ug/l	97
56) Ethyl methacrylate	9.18	69	167183	45.251	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160945	44.189	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	431575	220.195	ug/l	99
59) 2-Hexanone	9.49	43	727440	235.781	ug/l	98
60) Dibromochloromethane	9.58	129	90912	44.973	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93498	44.752	ug/l	99
64) Tetrachloroethene	9.34	164	80961	44.103	ug/l	97
65) Chlorobenzene	10.13	112	235542	43.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	84157	43.360	ug/l	100
67) Ethyl Benzene	10.25	91	445060	45.172	ug/l	100
68) m/p-Xylenes	10.36	106	329592	91.543	ug/l	98
69) o-Xylene	10.69	106	156785	44.136	ug/l	98
70) Styrene	10.71	104	279164	45.214	ug/l	98
71) Bromoform	10.85	173	70222	44.522	ug/l #	100
73) Isopropylbenzene	11.02	105	427804	43.018	ug/l	99
74) N-amyl acetate	10.90	43	255263	44.026	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153502	41.405	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	183456	57.831	ug/l	81
77) Bromobenzene	11.26	156	104598	42.375	ug/l	99
78) n-propylbenzene	11.36	91	508664	44.786	ug/l	100
79) 2-Chlorotoluene	11.42	91	299633	42.762	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370444	44.239	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53714	43.323	ug/l	97
82) 4-Chlorotoluene	11.51	91	349665	44.172	ug/l	99
83) tert-Butylbenzene	11.77	119	349293	42.880	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	372861	44.362	ug/l	99
85) sec-Butylbenzene	11.94	105	425287	44.037	ug/l	100
86) p-Isopropyltoluene	12.06	119	392699	45.231	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190873	43.377	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193236	43.558	ug/l	100
89) n-Butylbenzene	12.38	91	369378	47.072	ug/l	100
90) Hexachloroethane	12.59	117	65303	44.150	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190540	42.513	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34583	41.583	ug/l	96

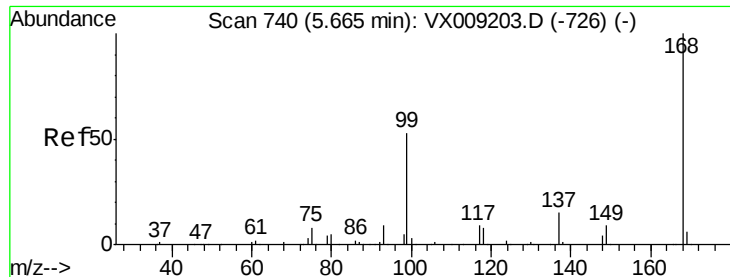
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138683	45.249	ug/l	98
94) Hexachlorobutadiene	13.78	225	72945	46.607	ug/l	100
95) Naphthalene	13.83	128	422656	42.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136653	43.986	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

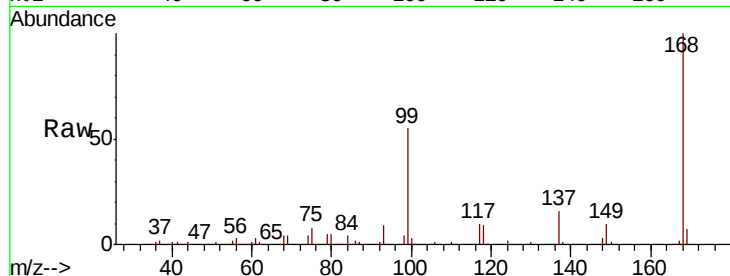
BFB

Tot Ion:168 Resp: 185256

Ion Ratio Lower Upper

168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

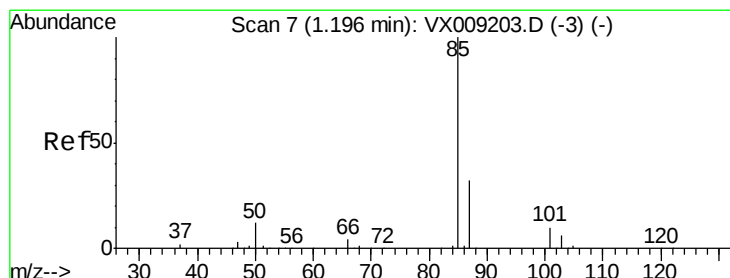
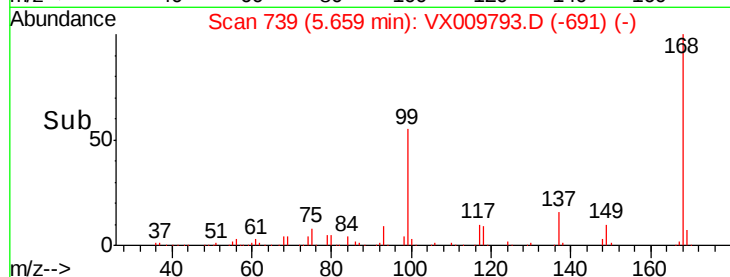
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.462 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009793.D

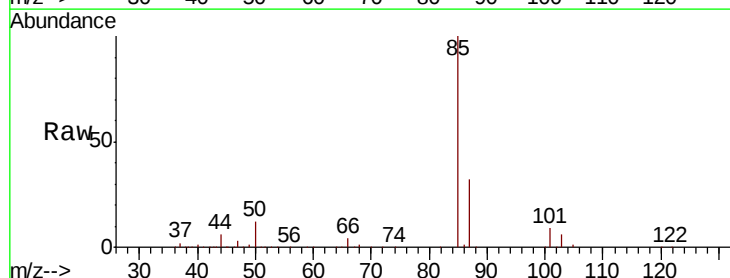
Acq: 22 May 2019 10:23

Tgt Ion: 85 Resp: 70782

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

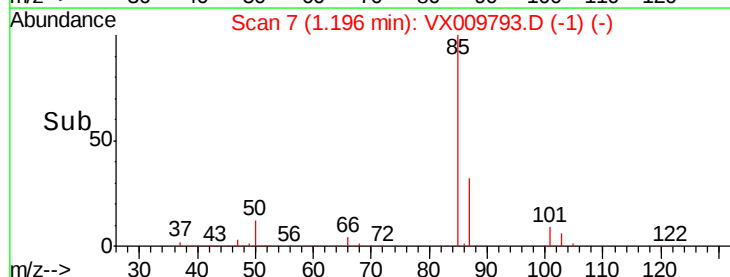
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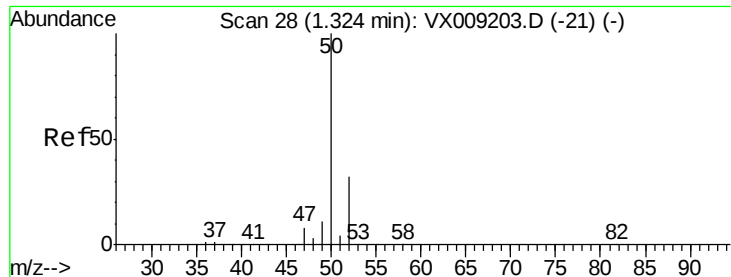
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.701 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

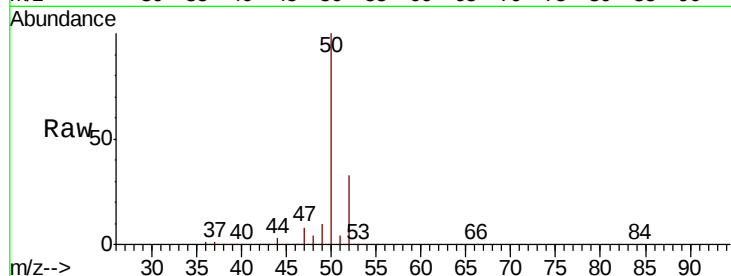
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Tot Ion: 50 Resp: 101854

Ion Ratio Lower Upper

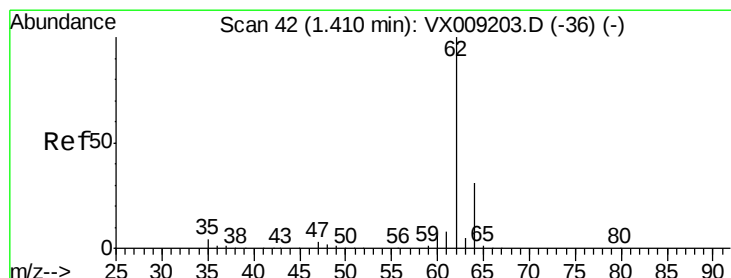
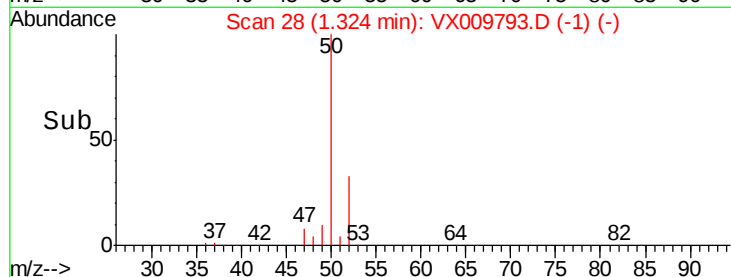
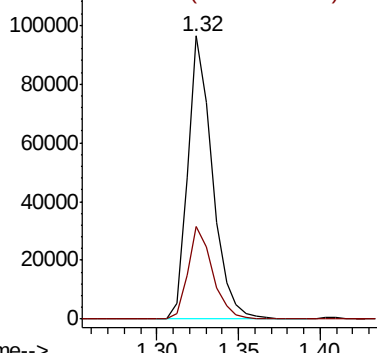
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.873 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009793.D

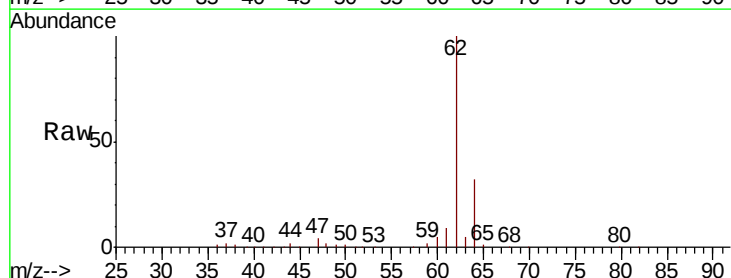
Acq: 22 May 2019 10:23

Tgt Ion: 62 Resp: 99712

Ion Ratio Lower Upper

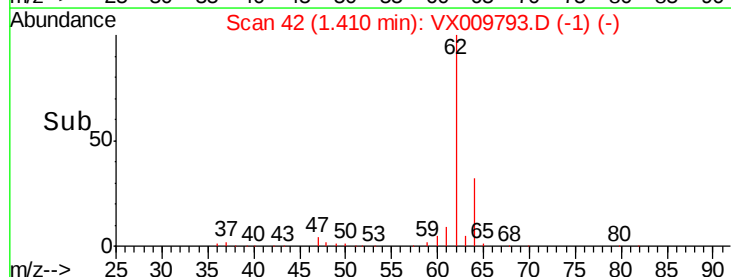
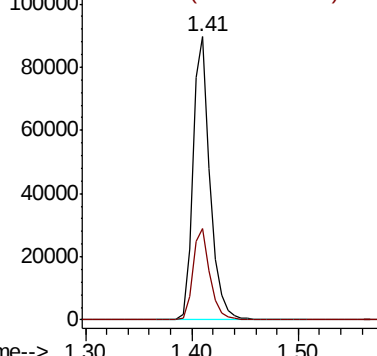
62 100

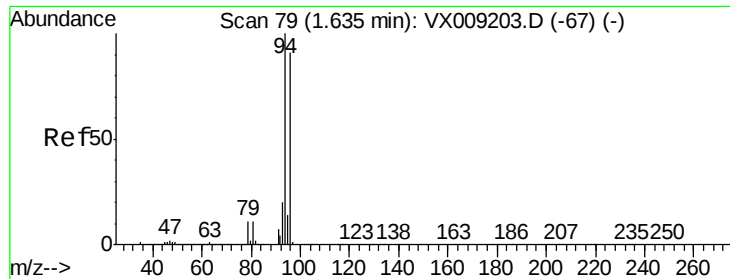
64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.825 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

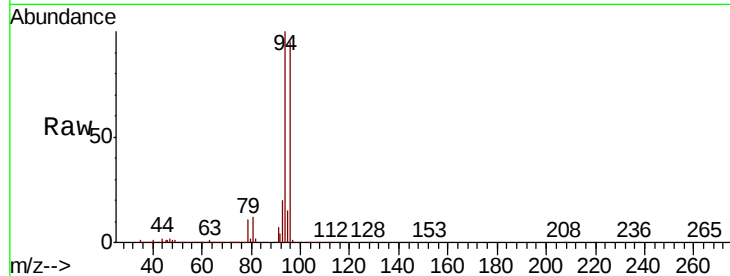
BFB

Tot Ion: 94 Resp: 61147

Ion Ratio Lower Upper

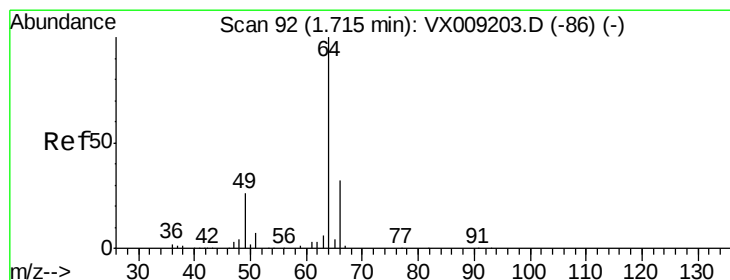
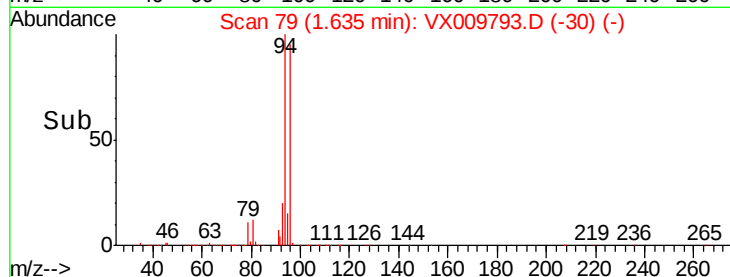
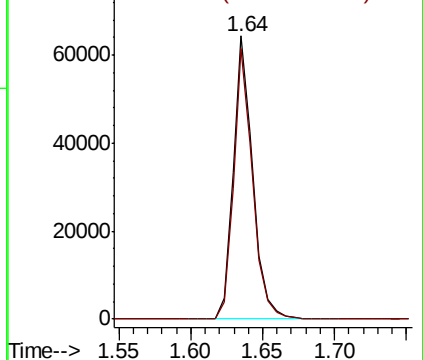
94 100

96 95.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.097 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009793.D

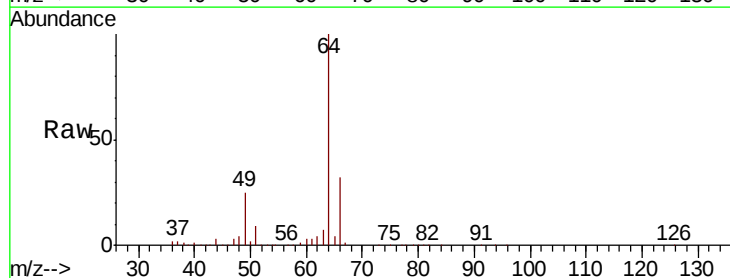
Acq: 22 May 2019 10:23

Tgt Ion: 64 Resp: 62887

Ion Ratio Lower Upper

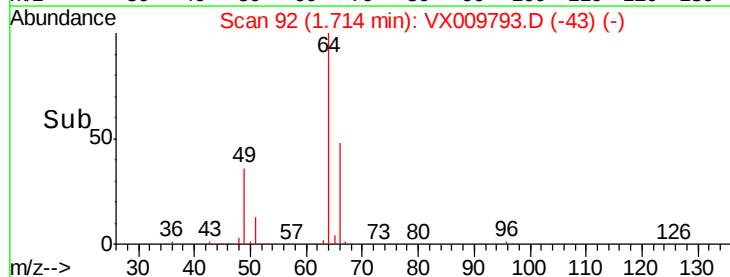
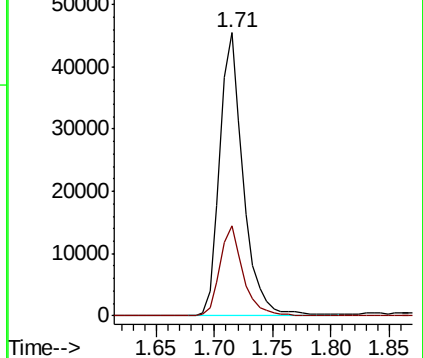
64 100

66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



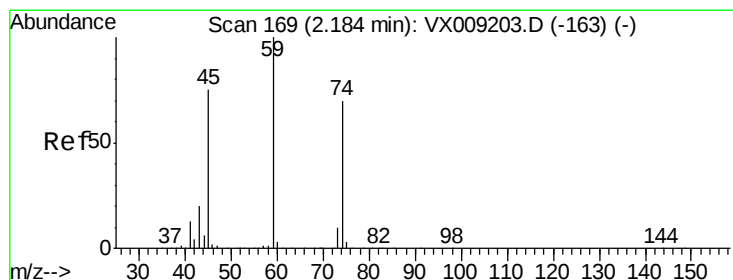
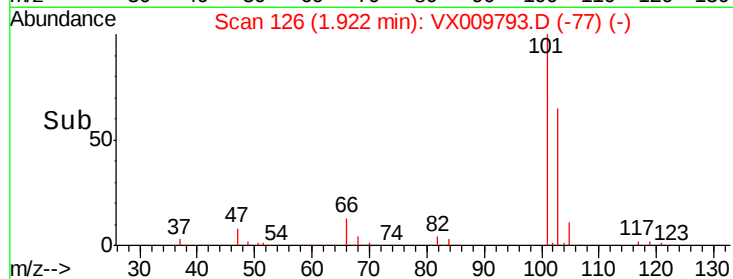
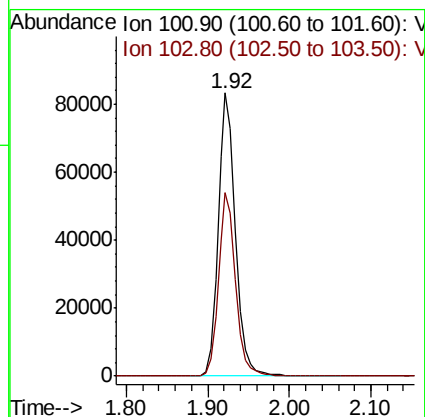
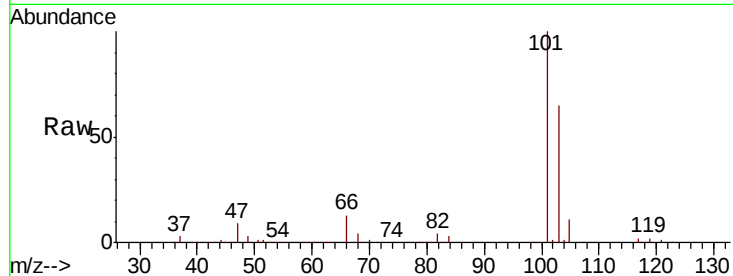


#7

Trichlorofluoromethane
 Concen: 44.751 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

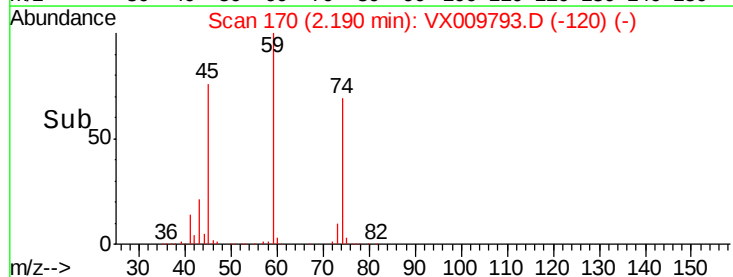
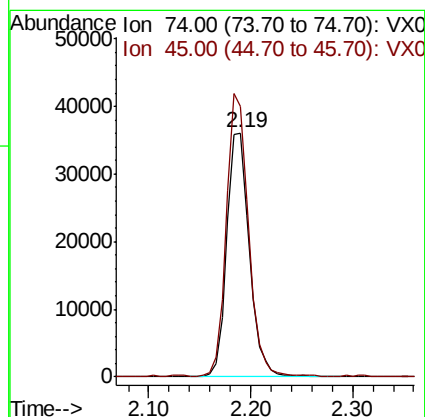
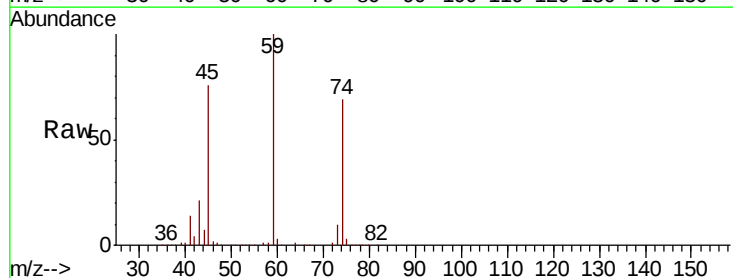
Tot Ion:101 Resp: 123630
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.4 78.6

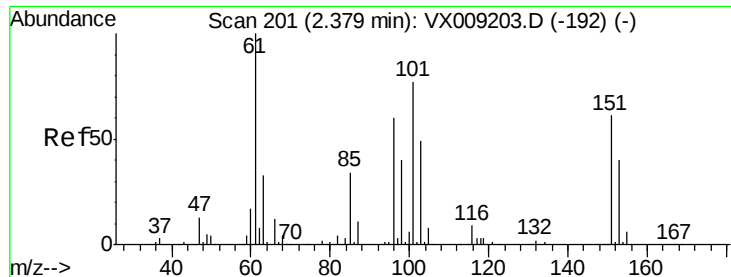


#8

Diethyl Ether
 Concen: 42.400 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 74 Resp: 55485
 Ion Ratio Lower Upper
 74 100
 45 112.2 53.3 159.9

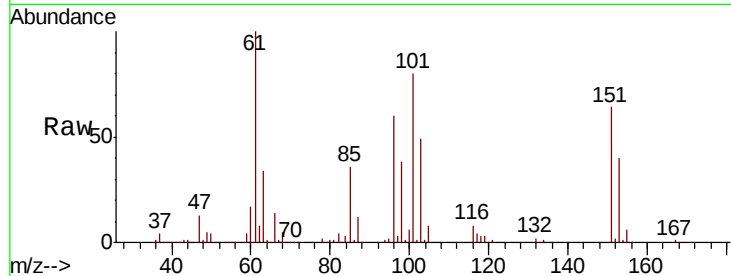




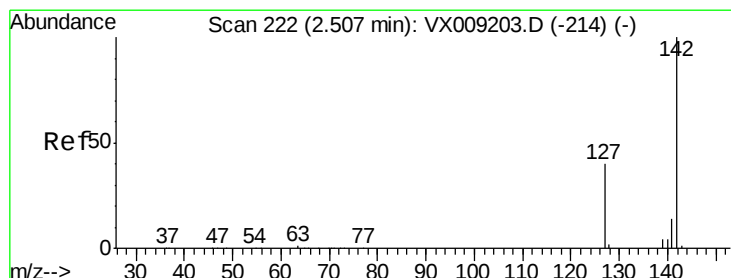
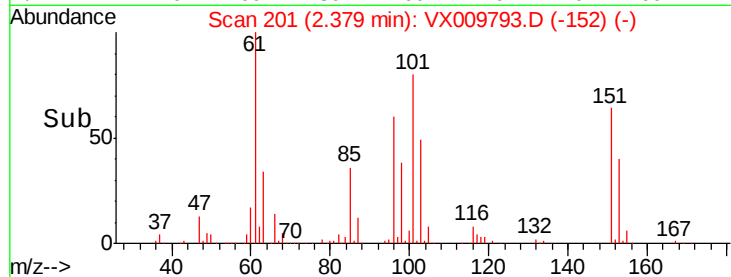
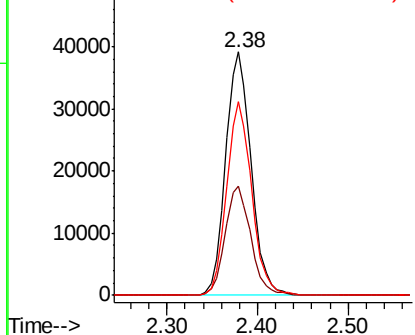
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.998 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tot Ion:101 Resp: 76330
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.7 53.5
 151 78.3 62.2 93.2

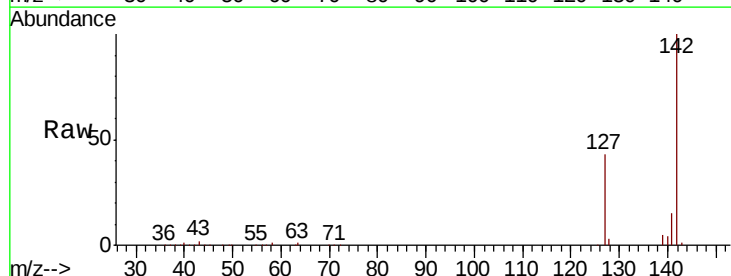


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

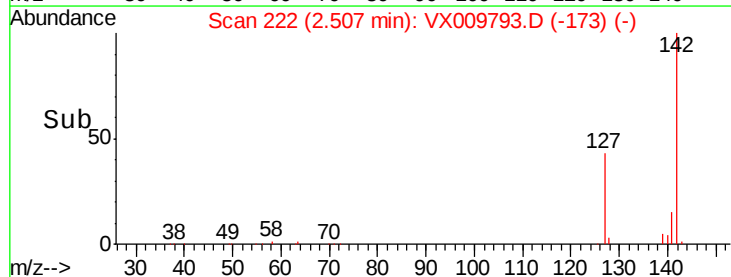
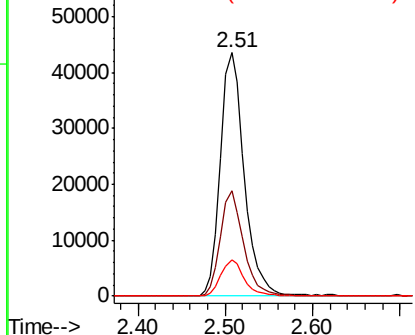


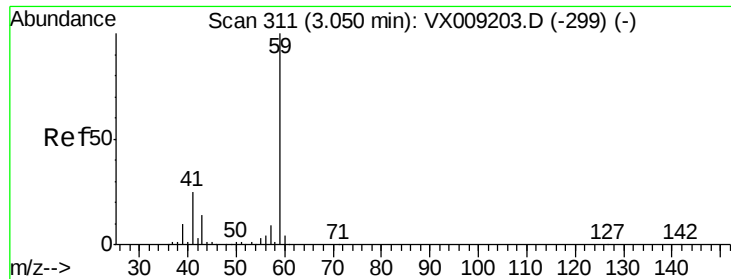
#10
 Methyl Iodide
 Concen: 41.755 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion:142 Resp: 82485
 Ion Ratio Lower Upper
 142 100
 127 42.0 32.7 49.1
 141 14.6 11.5 17.3



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

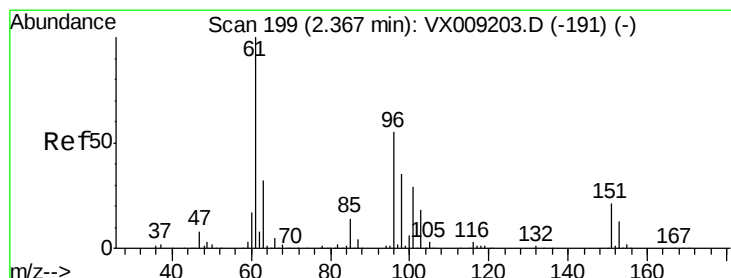
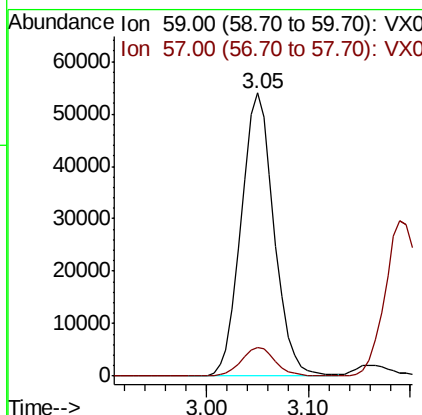
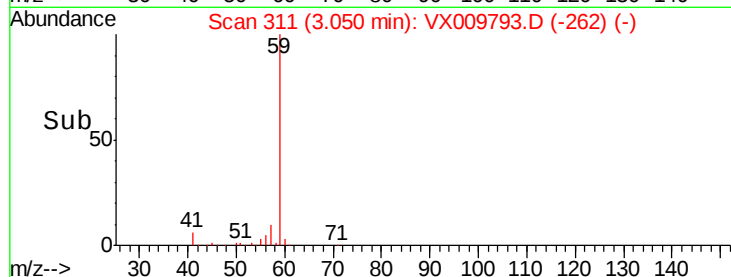
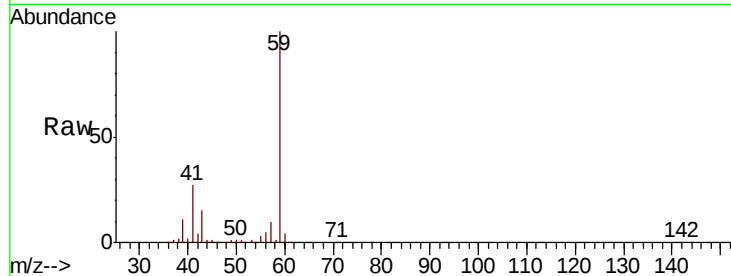




#11
Tert butyl alcohol
Concen: 207.216 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

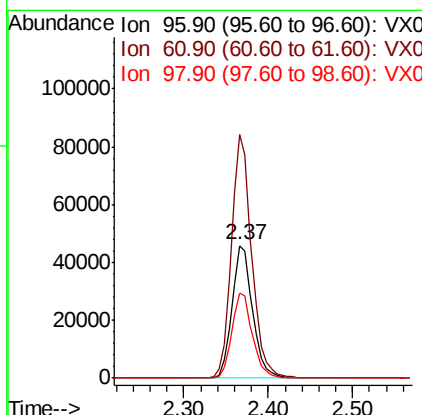
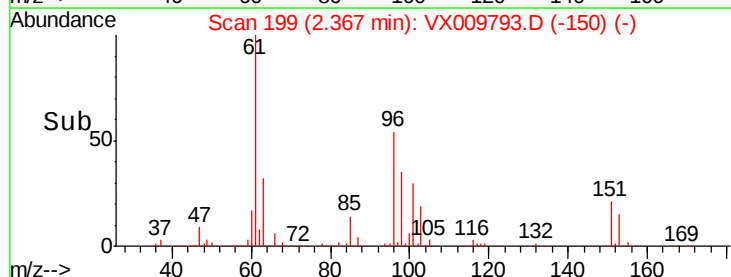
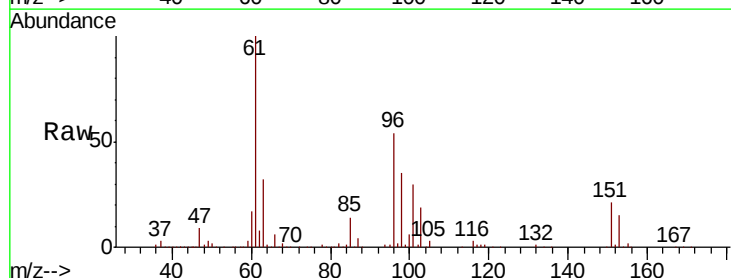
Instrument :
MSVOA_X
ClientSampled :
BFB

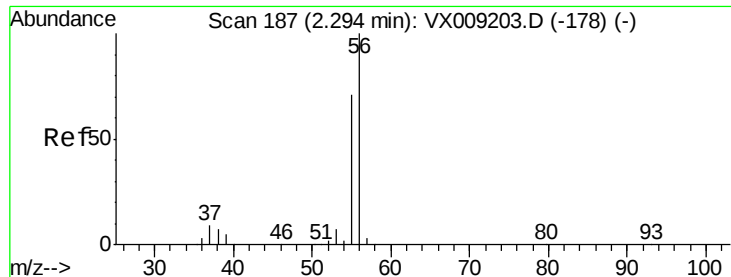
Tot Ion: 59 Resp: 121303
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 43.389 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 96 Resp: 75421
Ion Ratio Lower Upper
96 100
61 183.9 144.3 216.5
98 64.6 50.3 75.5





#13

Acrolein

Concen: 196.180 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

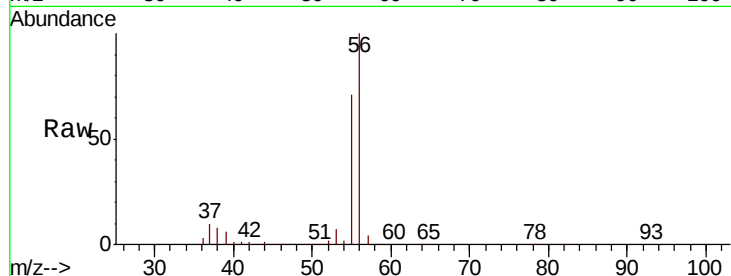
BFB

Tot Ion: 56 Resp: 104005

Ion Ratio Lower Upper

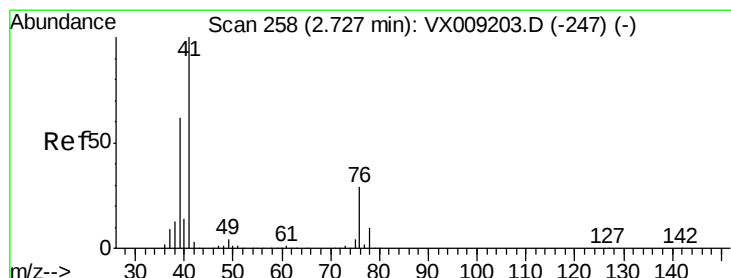
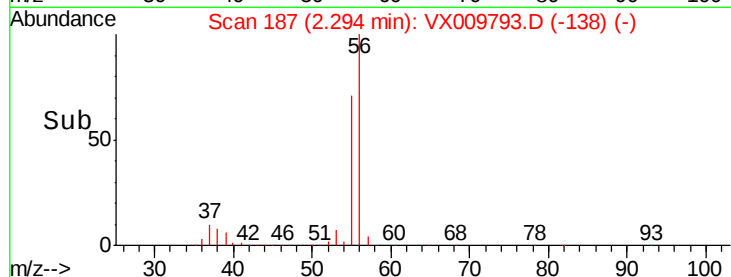
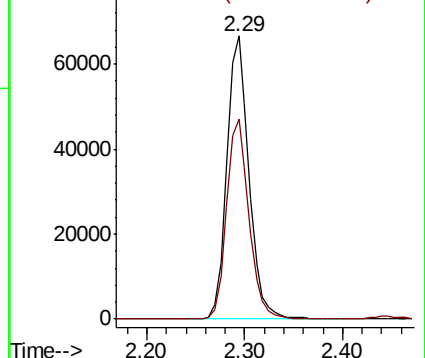
56 100

55 72.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.782 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

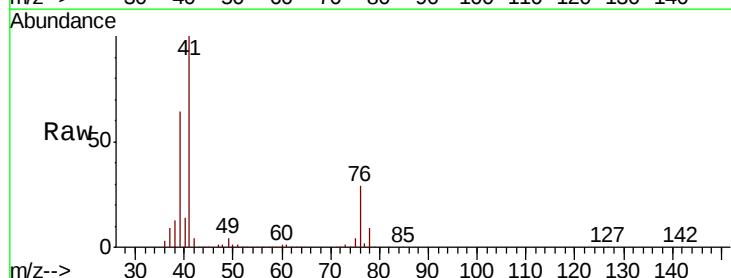
Tgt Ion: 41 Resp: 185465

Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

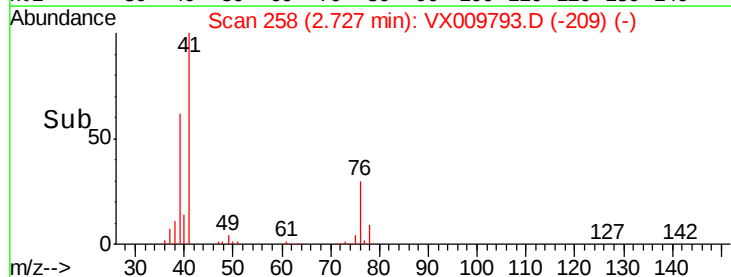
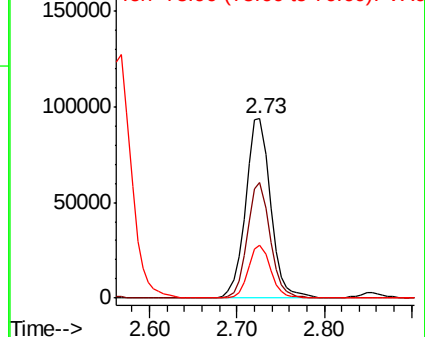
76 26.4 21.8 32.8

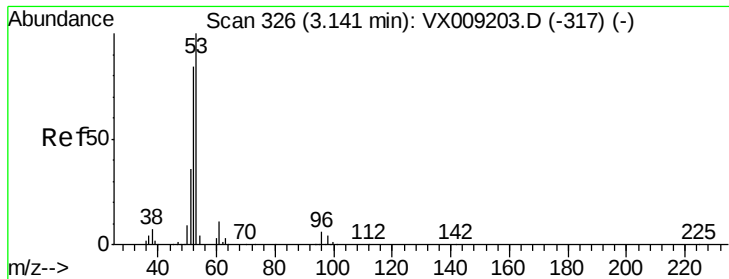


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 211.127 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

BFB

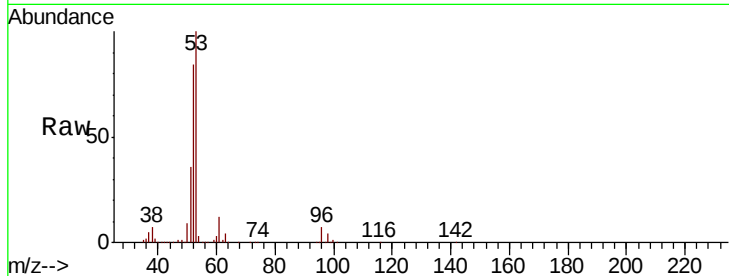
Tot Ion: 53 Resp: 302192

Ion Ratio Lower Upper

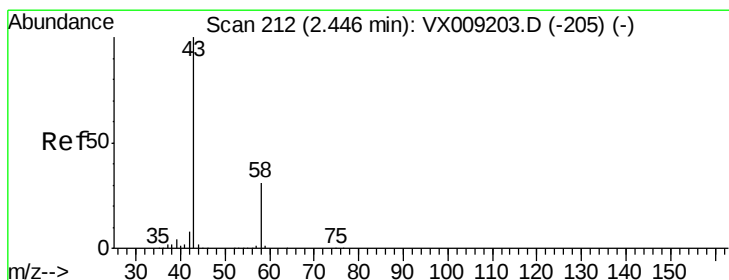
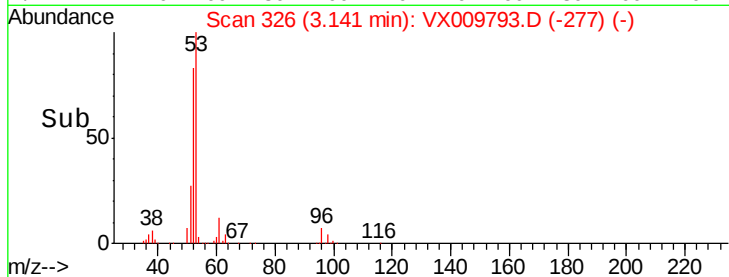
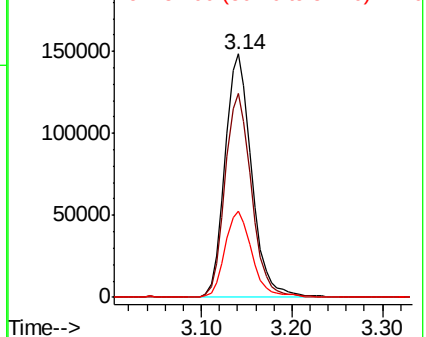
53 100

52 83.2 66.9 100.3

51 36.0 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.481 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009793.D

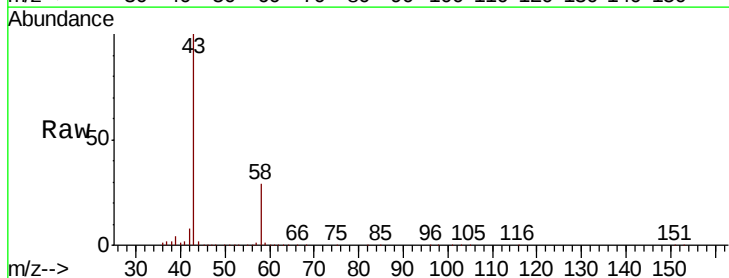
Acq: 22 May 2019 10:23

Tgt Ion: 43 Resp: 345574

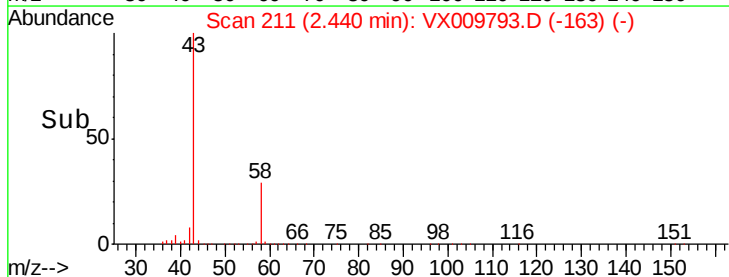
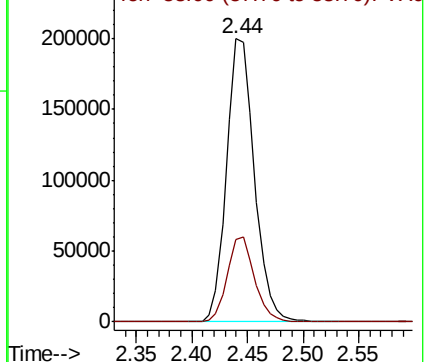
Ion Ratio Lower Upper

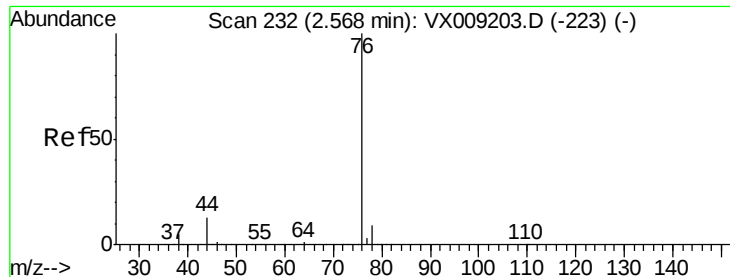
43 100

58 29.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

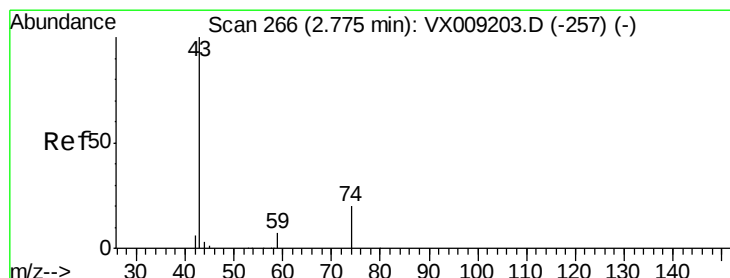
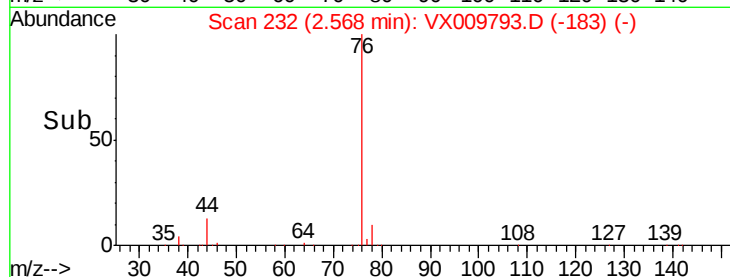
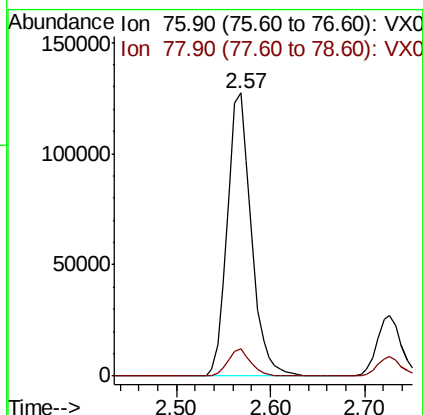
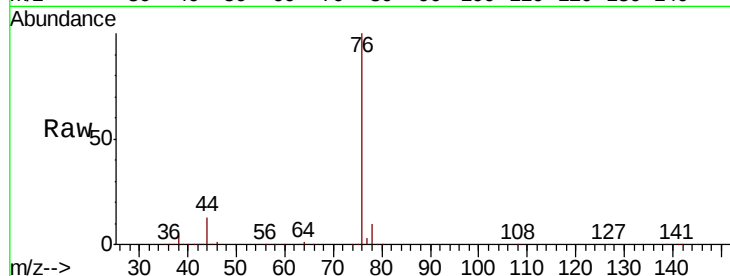




#17
Carbon Disulfide
Concen: 46.220 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

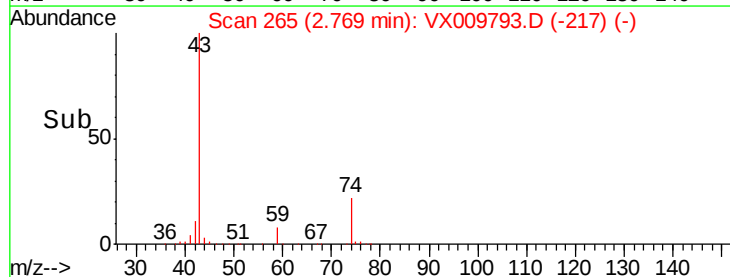
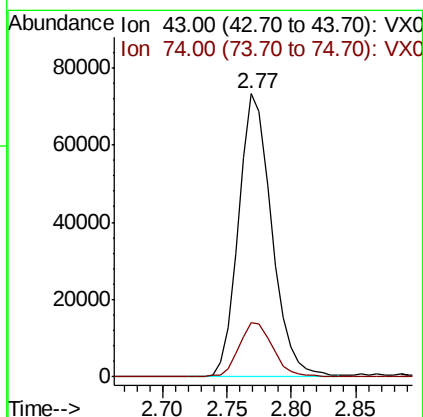
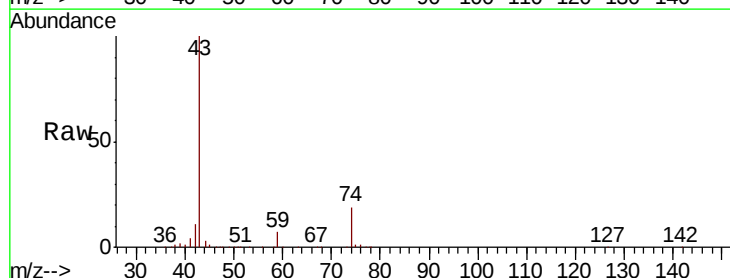
Instrument :
MSVOA_X
ClientSampled :
BFB

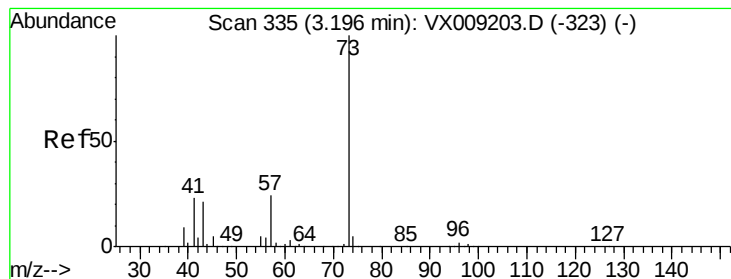
Tot Ion: 76 Resp: 225562
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 40.276 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 43 Resp: 130072
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.4



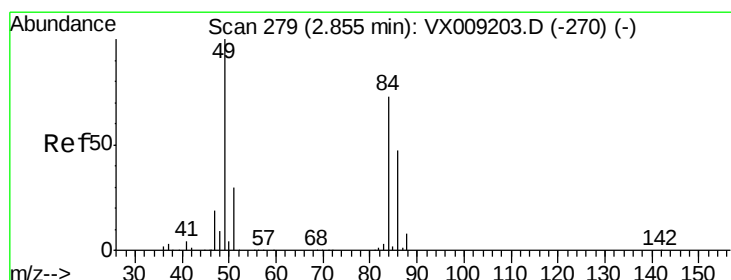
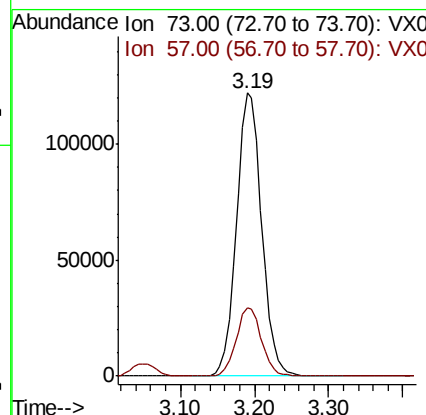
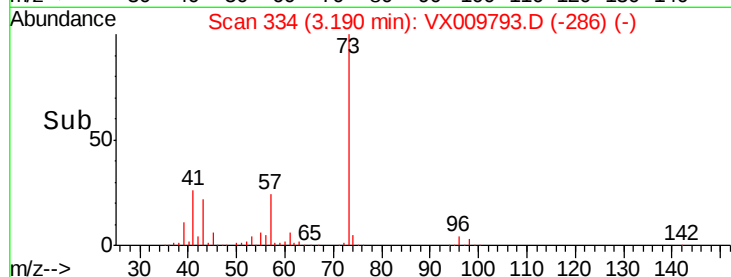
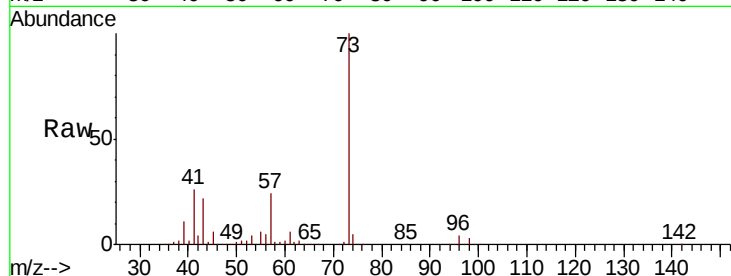


#19

Methyl tert-butyl Ether
 Concen: 42.770 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

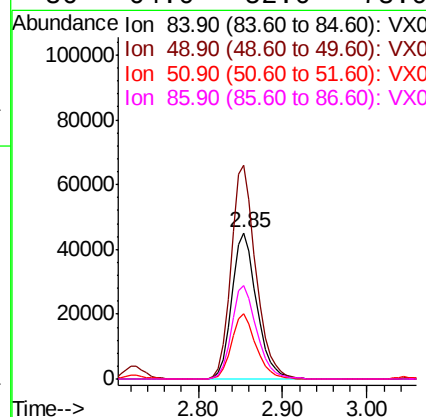
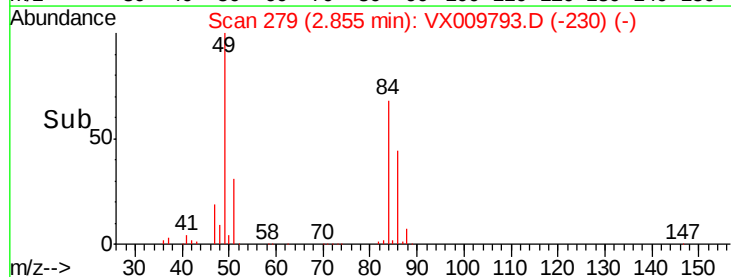
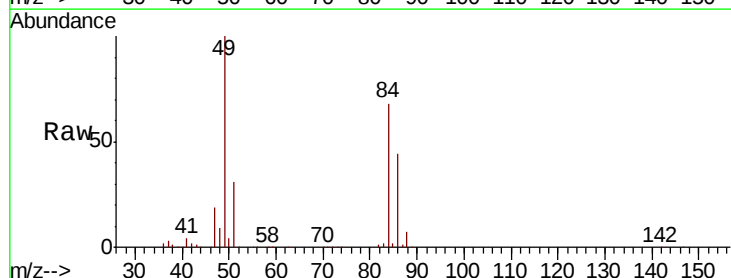
Tot Ion: 73 Resp: 288701
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.3 28.9

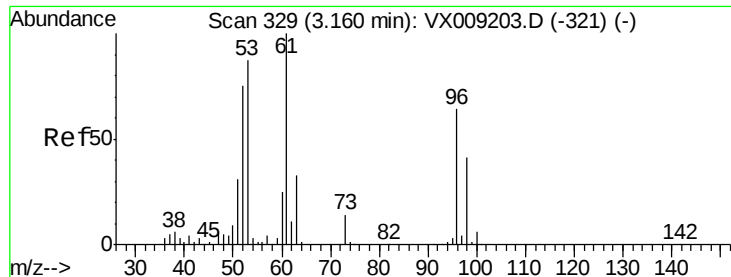


#20

Methylene Chloride
 Concen: 41.134 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 84 Resp: 90442
 Ion Ratio Lower Upper
 84 100
 49 145.9 109.9 164.9
 51 44.6 32.7 49.1
 86 64.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 43.799 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

BFB

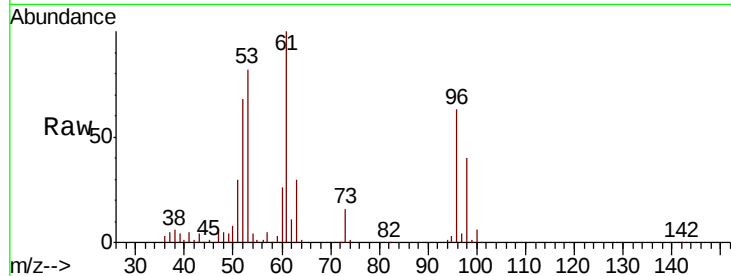
Tot Ion: 96 Resp: 82566

Ion Ratio Lower Upper

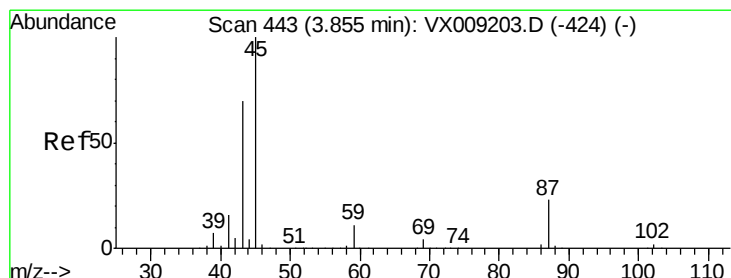
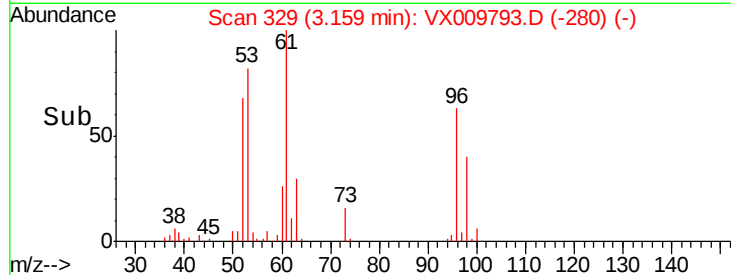
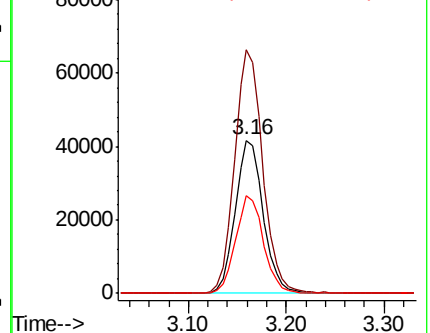
96 100

61 158.8 124.5 186.7

98 64.0 50.4 75.6



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



#22

Diisopropyl ether

Concen: 43.963 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Tgt Ion: 45 Resp: 358146

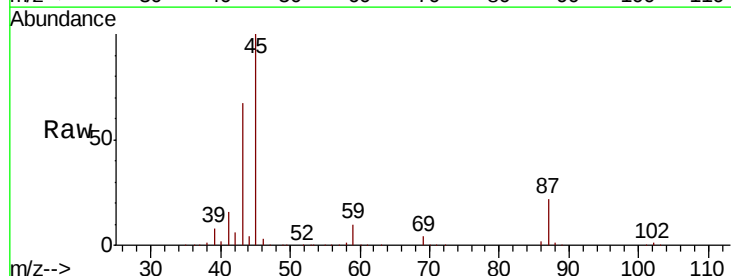
Ion Ratio Lower Upper

45 100

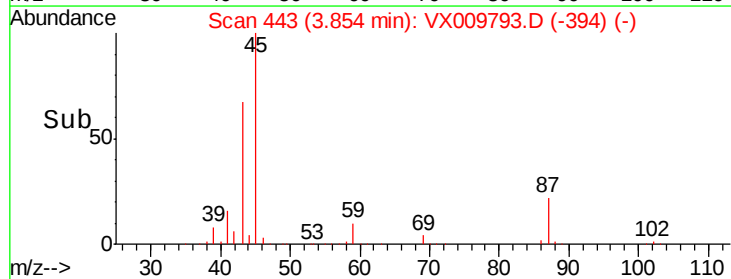
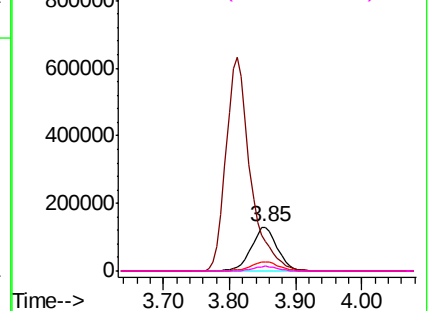
43 67.1 56.1 84.1

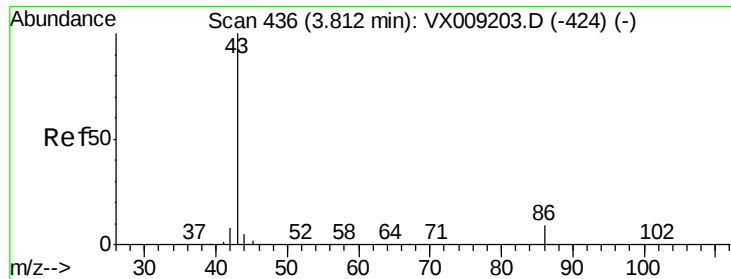
87 21.9 18.1 27.1

59 10.4 8.5 12.7



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





#23

Vinyl Acetate

Concen: 231.867 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

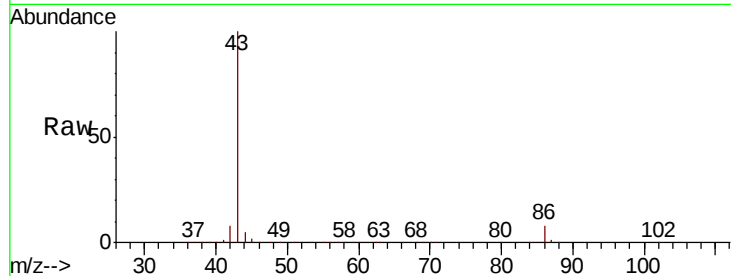
BFB

Tot Ion: 43 Resp: 1617490

Ion Ratio Lower Upper

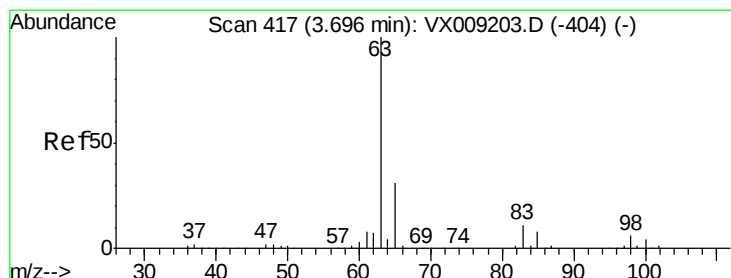
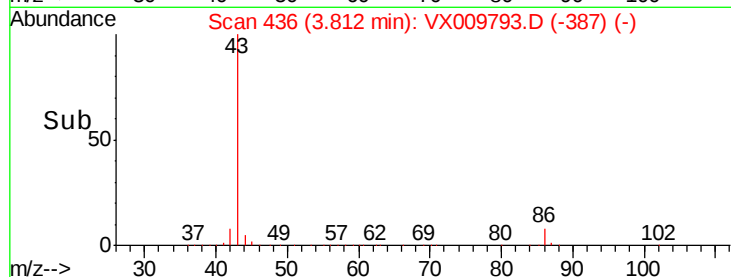
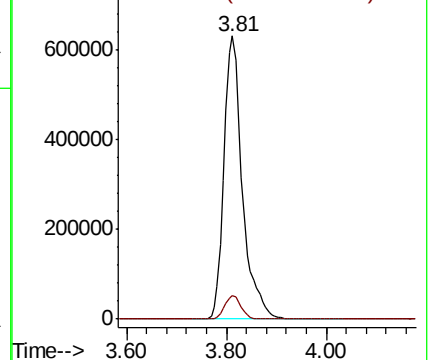
43 100

86 8.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 42.957 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

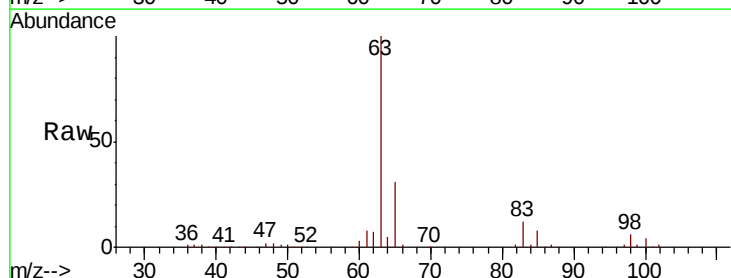
Tgt Ion: 63 Resp: 172635

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

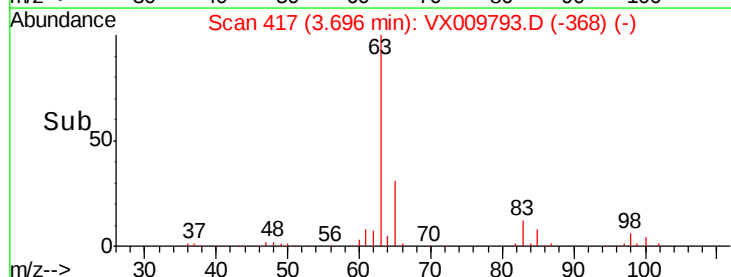
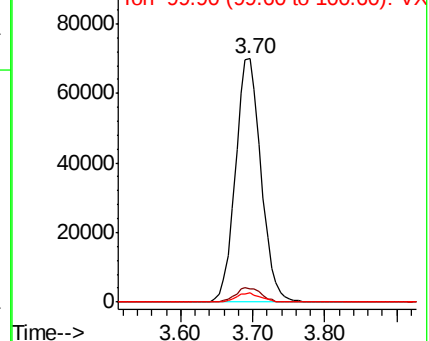
100 3.9 2.0 6.0

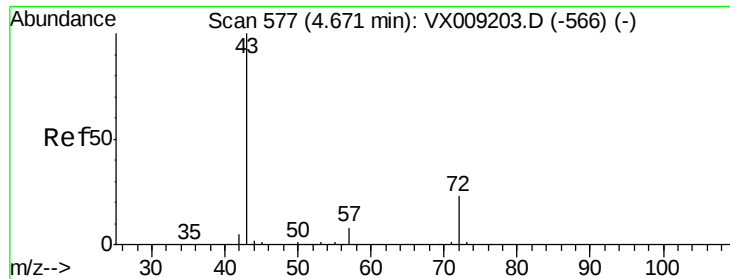


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 229.442 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

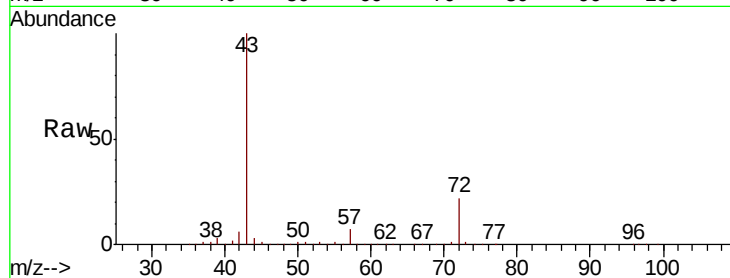
BFB

Tot Ion: 43 Resp: 484174

Ion Ratio Lower Upper

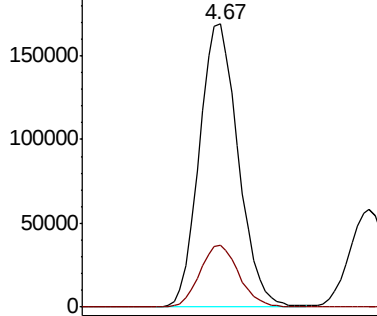
43 100

72 22.0 18.2 27.2

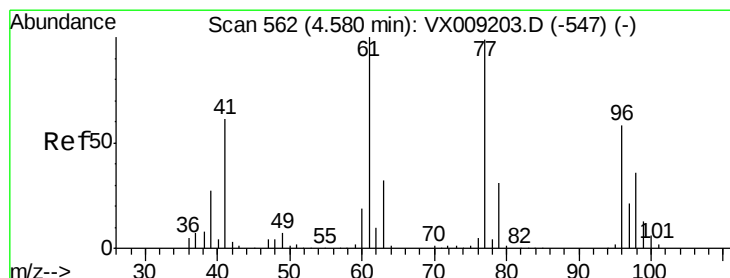
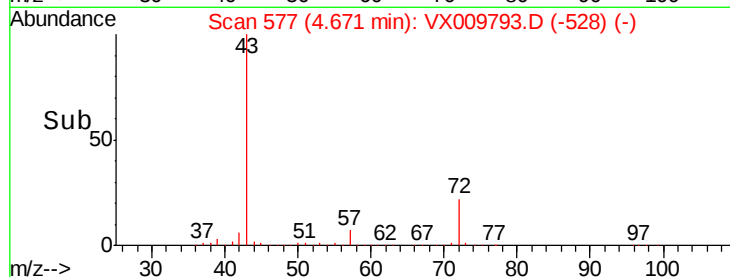


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 44.073 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009793.D

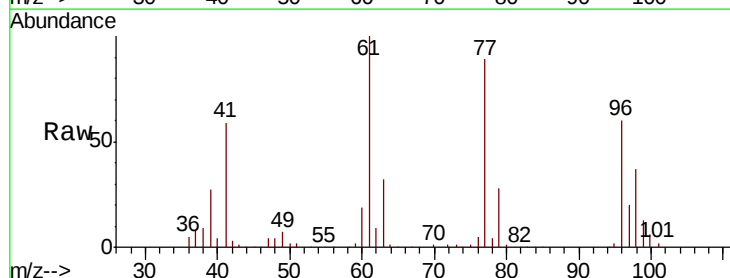
Acq: 22 May 2019 10:23

Tgt Ion: 77 Resp: 131836

Ion Ratio Lower Upper

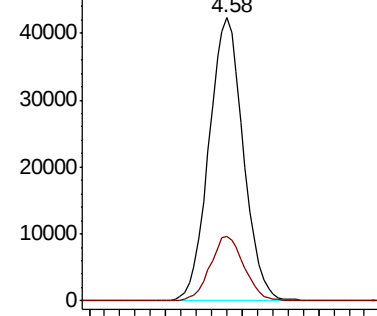
77 100

97 22.7 11.5 34.4

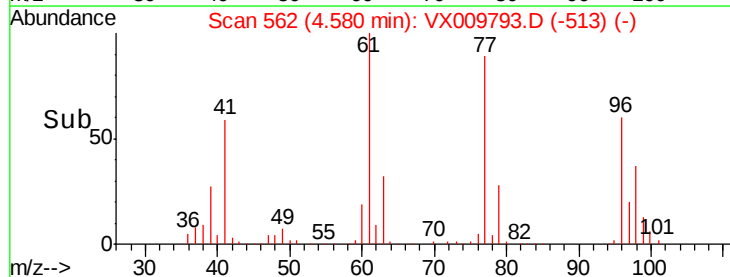


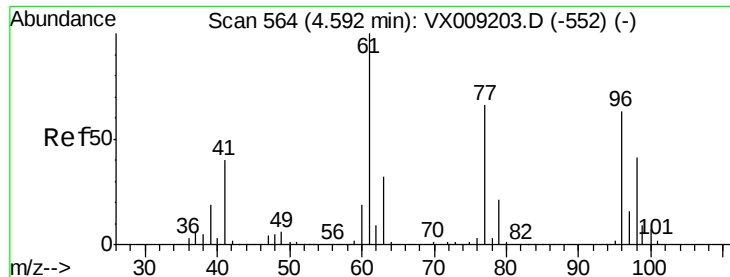
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



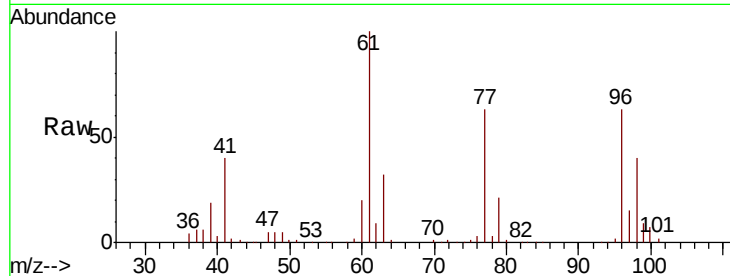


#27

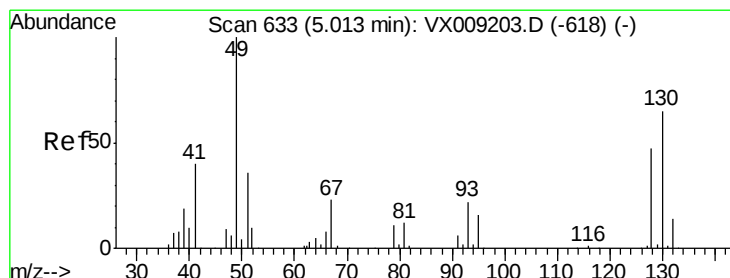
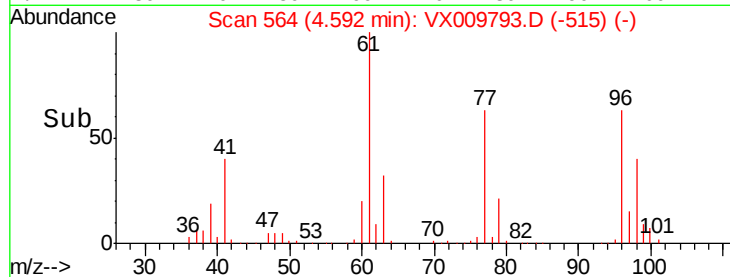
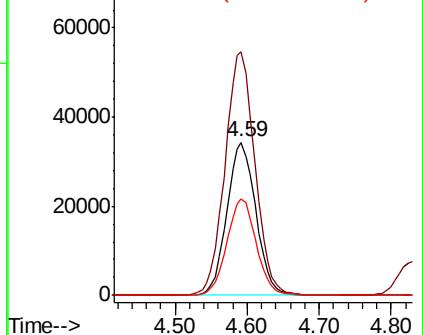
cis-1,2-Dichloroethene
 Concen: 42.758 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion	96	Resp	96209
Ion	Ratio	Lower	Upper
96	100		
61	164.1	0.0	324.0
98	63.8	0.0	130.4



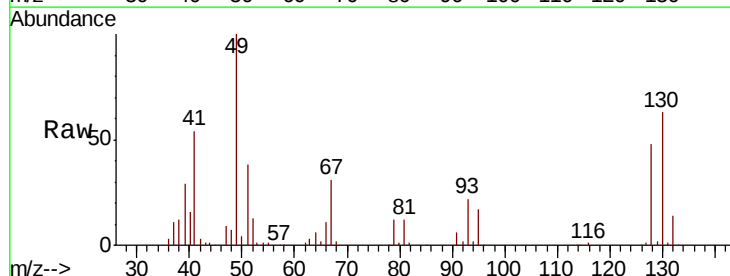
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



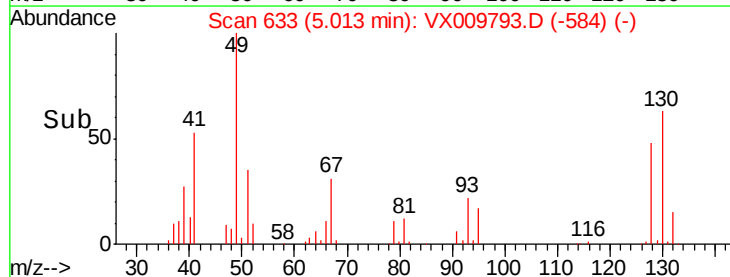
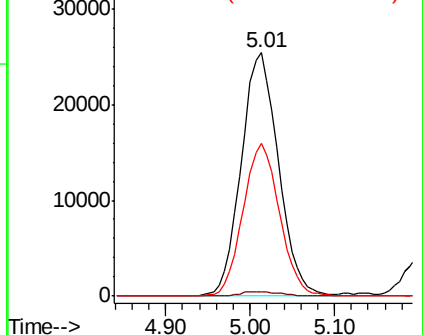
#28

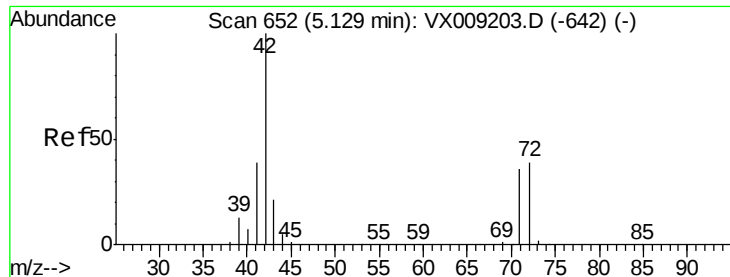
Bromochloromethane
 Concen: 47.047 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion	49	Resp	76372
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	61.5	51.2	76.8



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

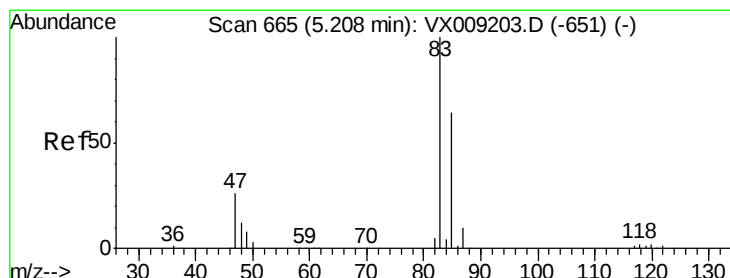
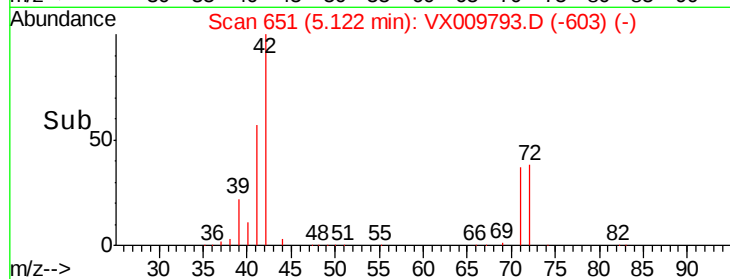
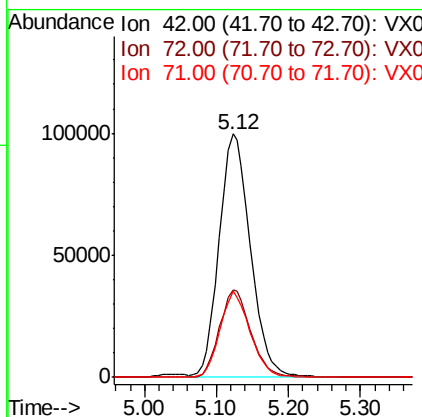
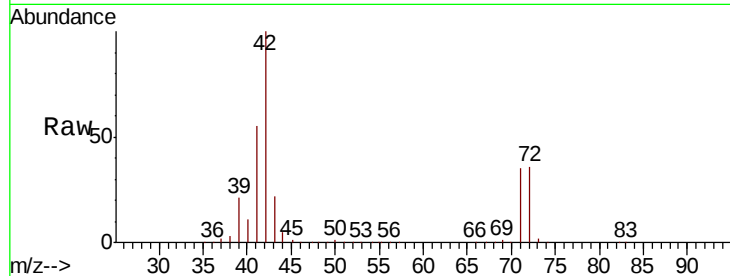




#29
Tetrahydrofuran
Concen: 220.042 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

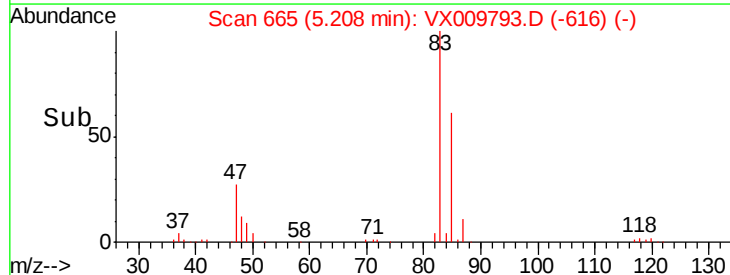
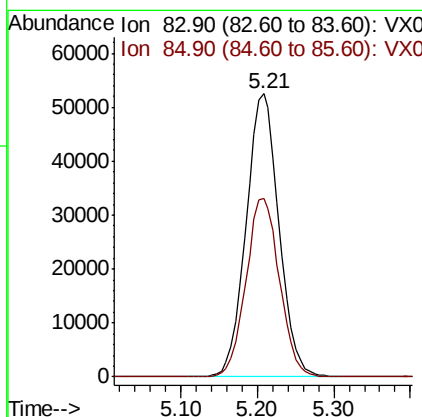
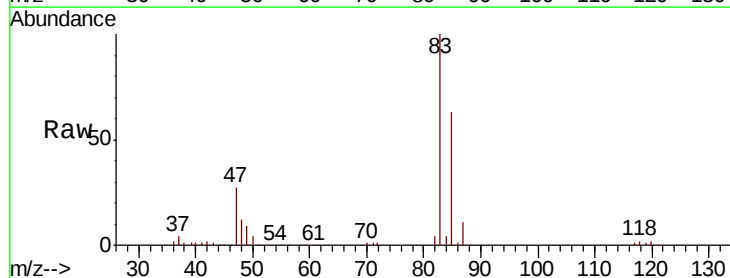
Instrument :
MSVOA_X
ClientSampled :
BFB

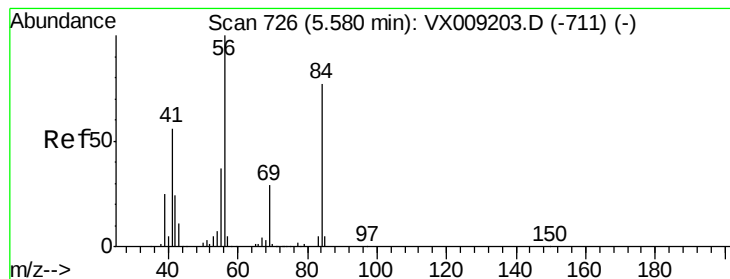
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.6	30.4	45.6
71	34.1	28.6	43.0



#30
Chloroform
Concen: 43.131 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3





#31

Cyclohexane

Concen: 46.181 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

BFB

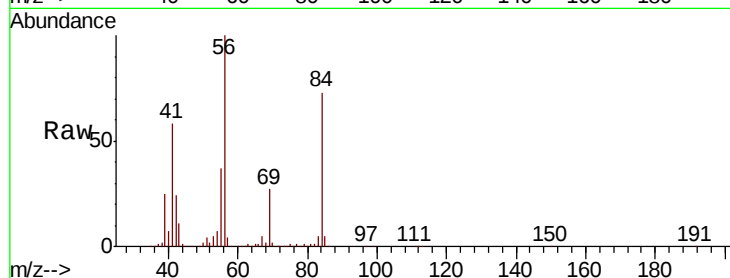
Tot Ion: 56 Resp: 172666

Ion Ratio Lower Upper

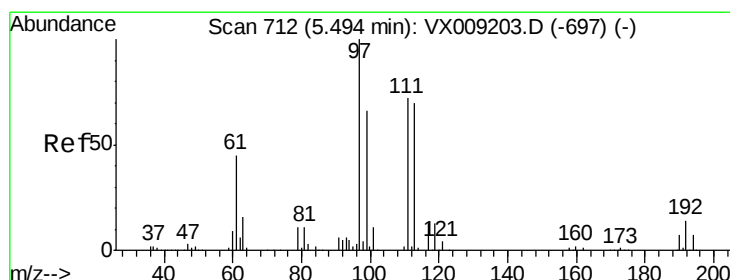
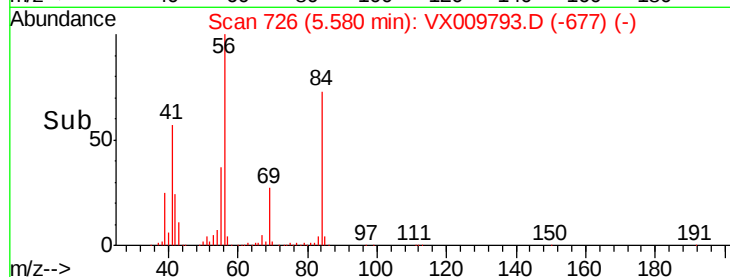
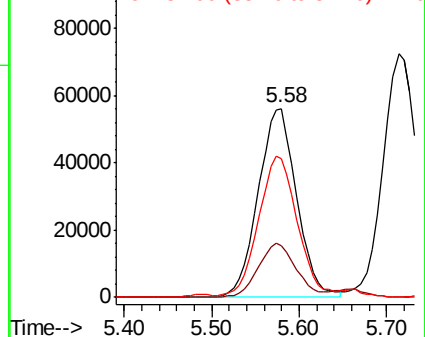
56 100

69 27.1 23.4 35.0

84 72.5 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 43.334 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

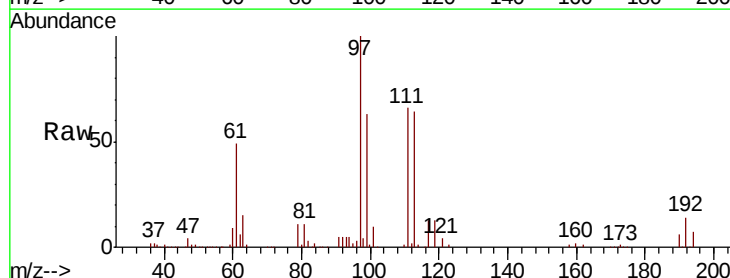
Tgt Ion: 97 Resp: 131116

Ion Ratio Lower Upper

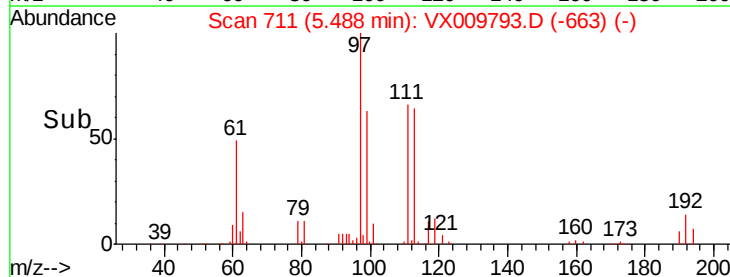
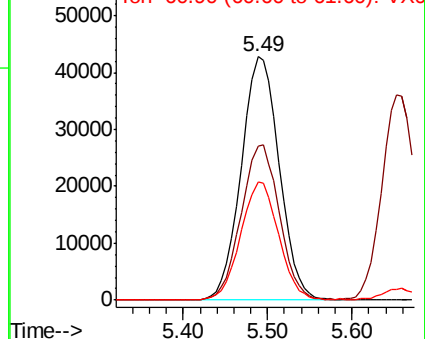
97 100

99 64.1 51.8 77.8

61 48.7 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.948 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

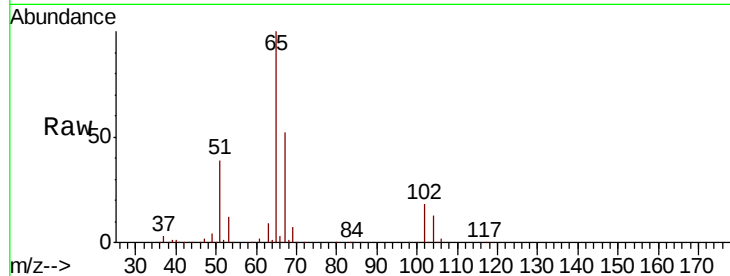
BFB

Tot Ion: 65 Resp: 113673

Ion Ratio Lower Upper

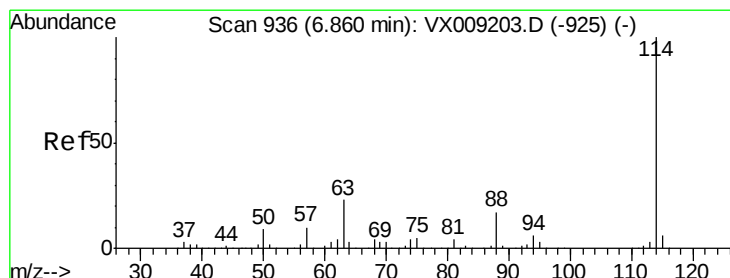
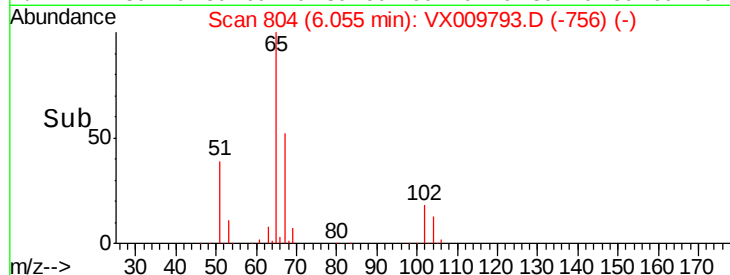
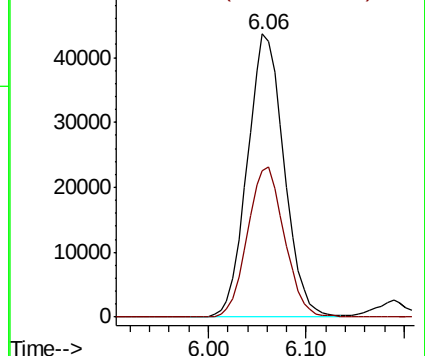
65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

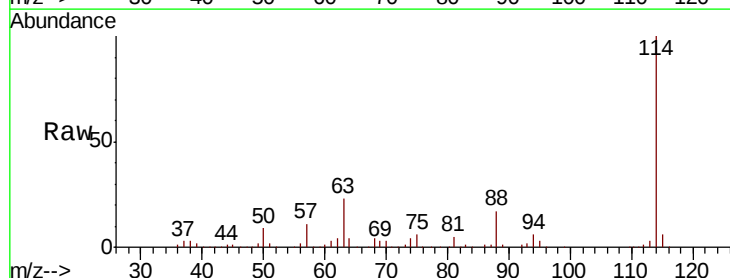
Tgt Ion: 114 Resp: 290184

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.6

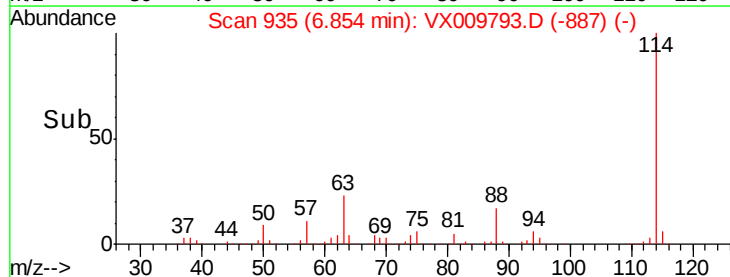
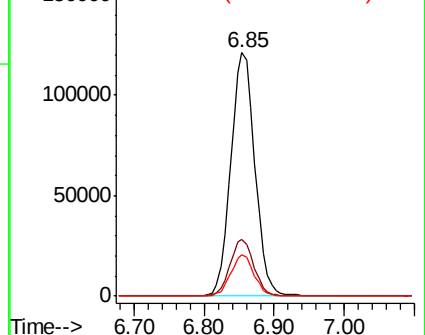
88 17.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

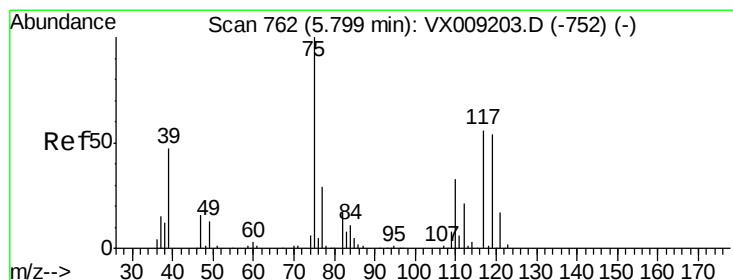
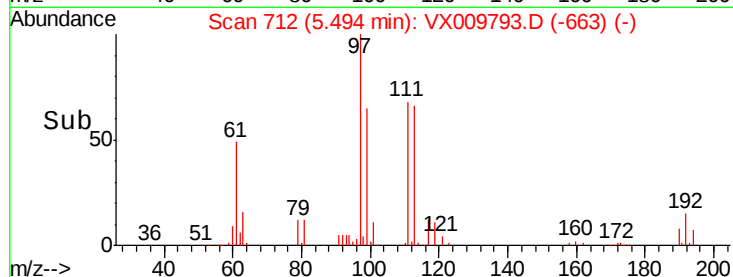
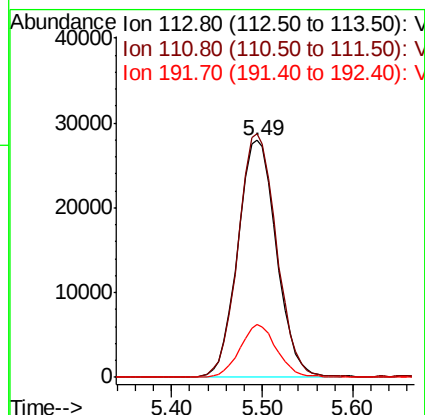
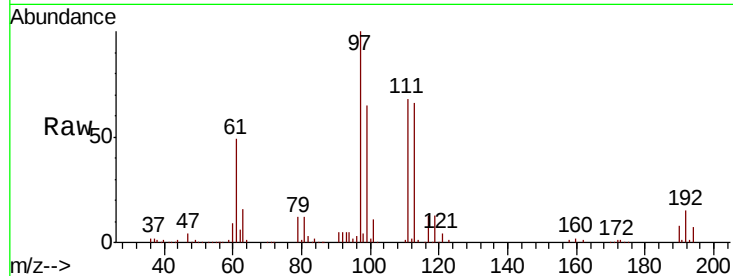




#35
 Dibromofluoromethane
 Concen: 45.237 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

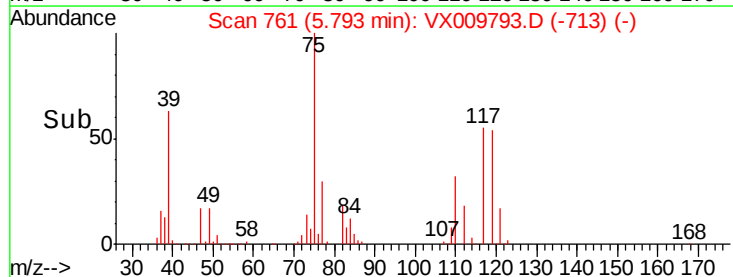
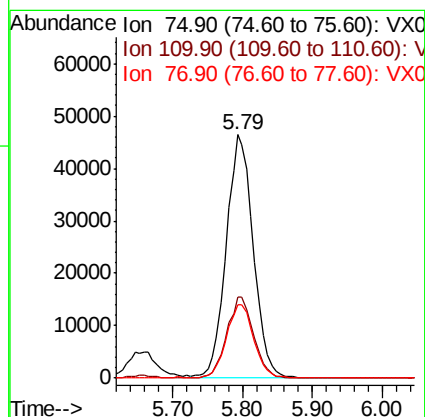
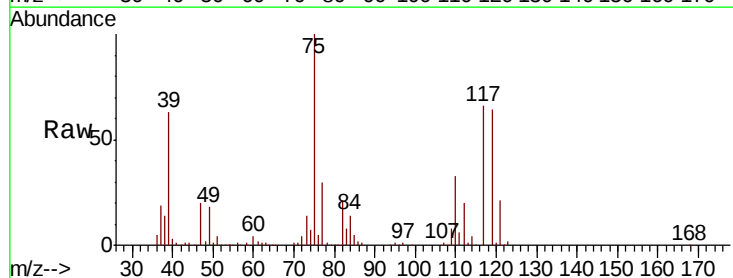
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

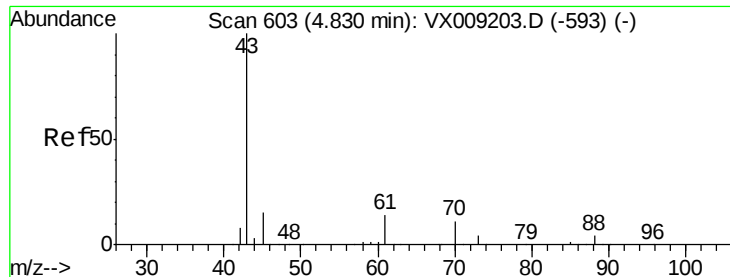
Tot Ion:113 Resp: 82522
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.8 124.2
 192 21.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 45.965 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 75 Resp: 123954
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.9 50.6
 77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 45.377 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

BFB

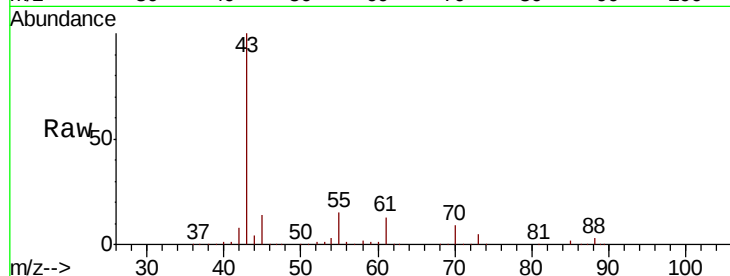
Tot Ion: 43 Resp: 170496

Ion Ratio Lower Upper

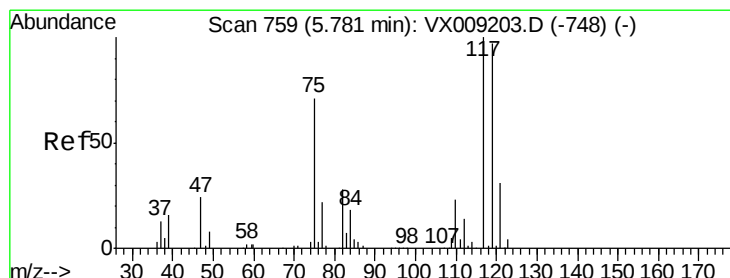
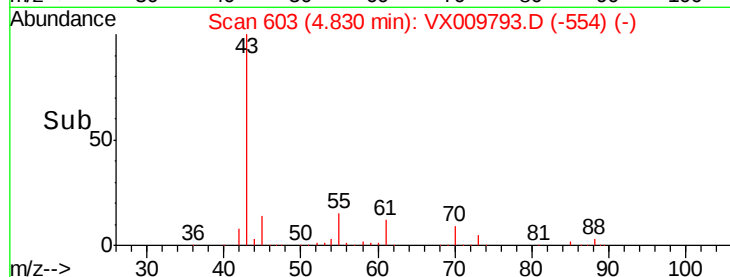
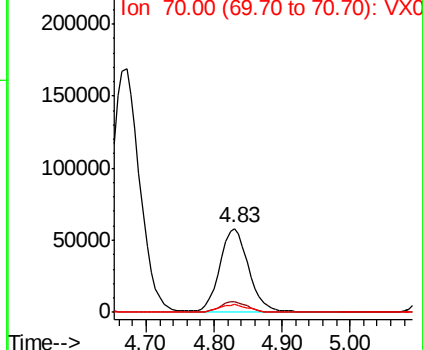
43 100

61 12.4 10.5 15.7

70 9.4 7.9 11.9



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



#38

Carbon Tetrachloride

Concen: 44.975 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

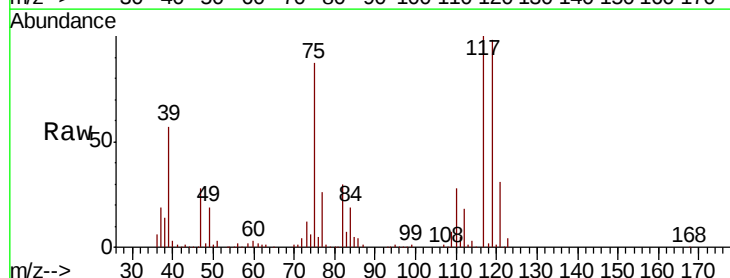
Tgt Ion: 117 Resp: 110194

Ion Ratio Lower Upper

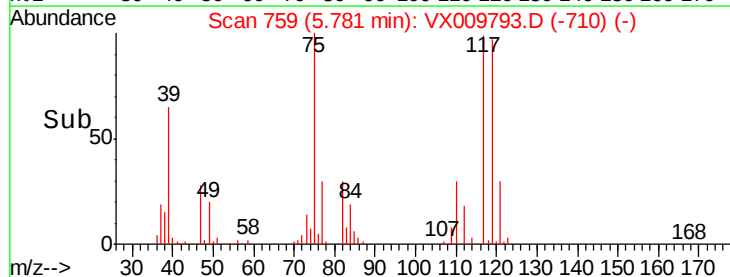
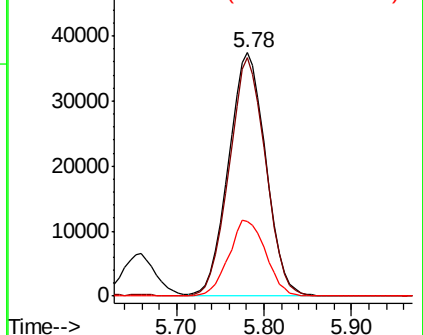
117 100

119 97.9 77.5 116.3

121 30.8 24.7 37.1



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

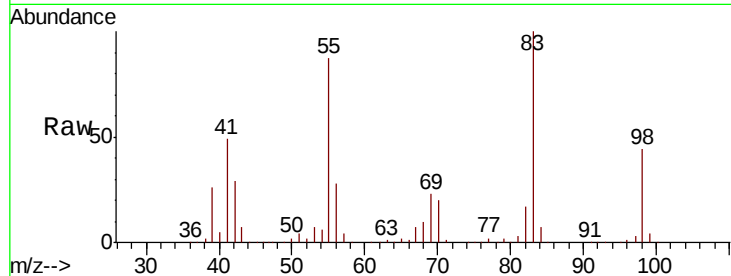




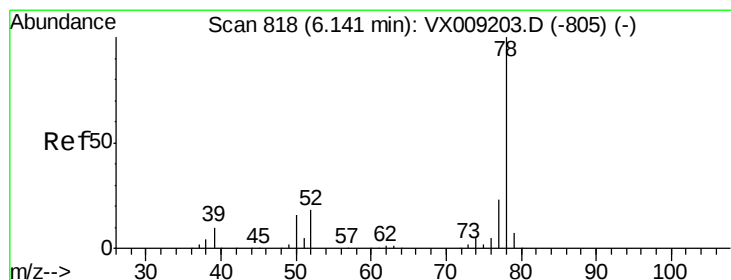
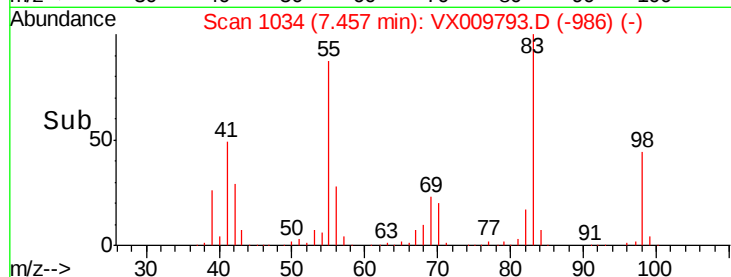
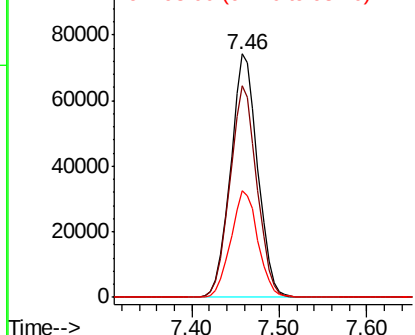
#39
Methvlcvclohexane
Concen: 48.055 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 83 Resp: 159148
Ion Ratio Lower Upper
83 100
55 86.7 67.7 101.5
98 44.0 35.5 53.3

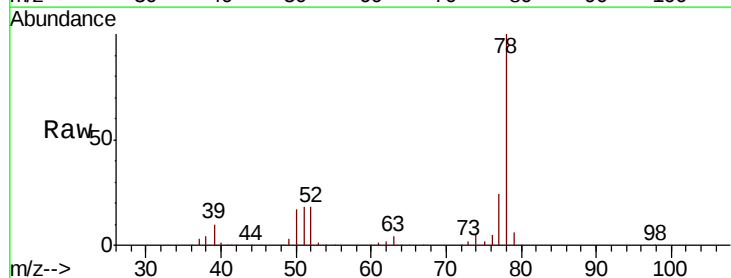


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

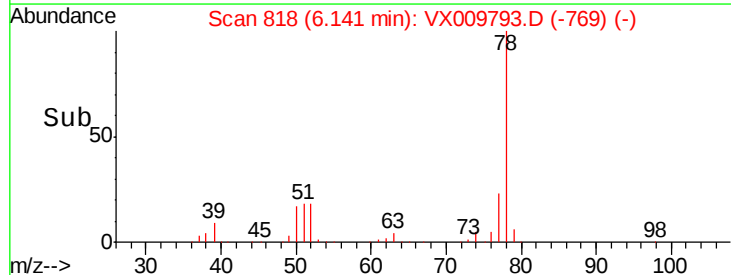
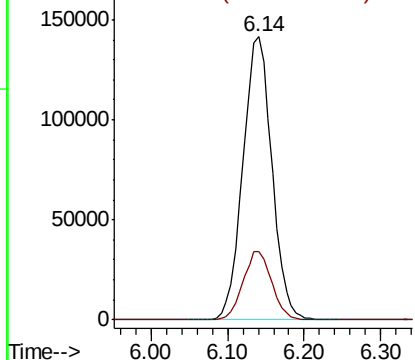


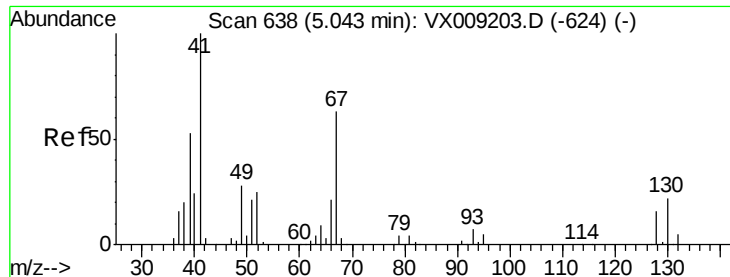
#40
Benzene
Concen: 44.707 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 78 Resp: 373122
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 43.611 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 41 Resp: 97541

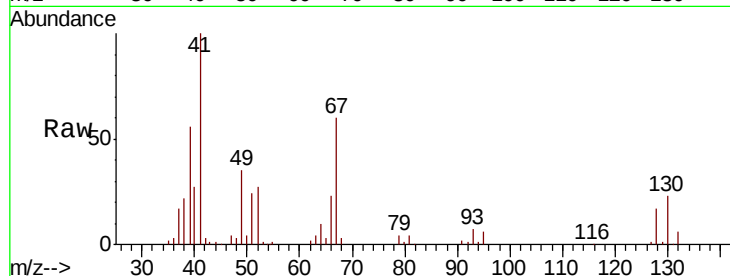
Ion Ratio Lower Upper

41 100

39 53.1 42.0 63.0

67 60.8 49.8 74.8

52 27.2 20.3 30.5

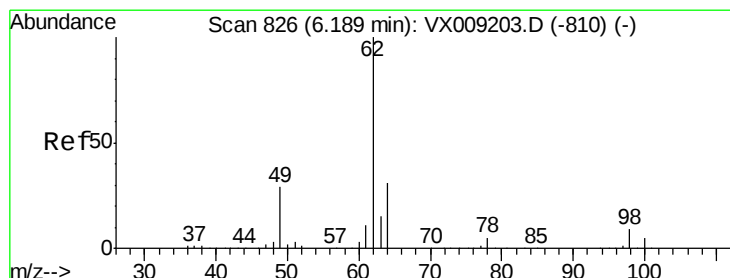
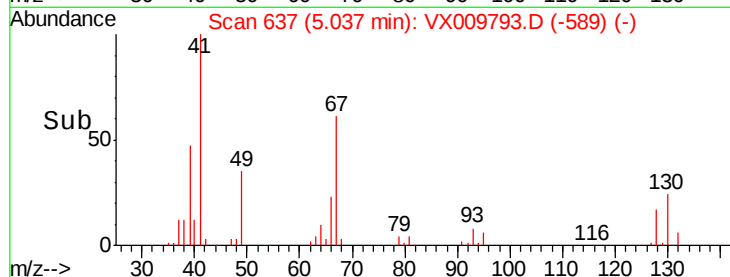
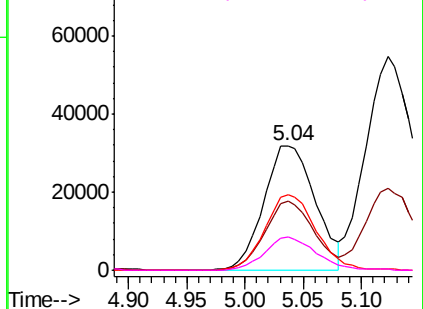


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 45.598 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009793.D

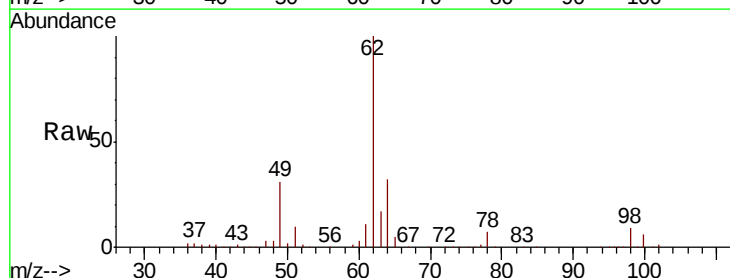
Acq: 22 May 2019 10:23

Tgt Ion: 62 Resp: 136512

Ion Ratio Lower Upper

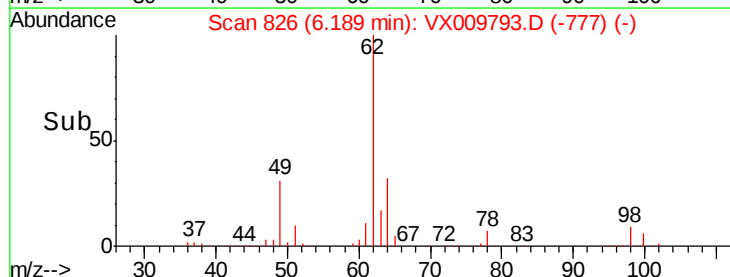
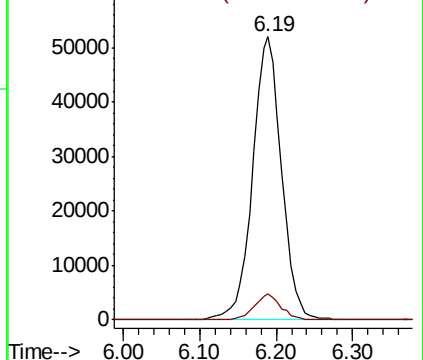
62 100

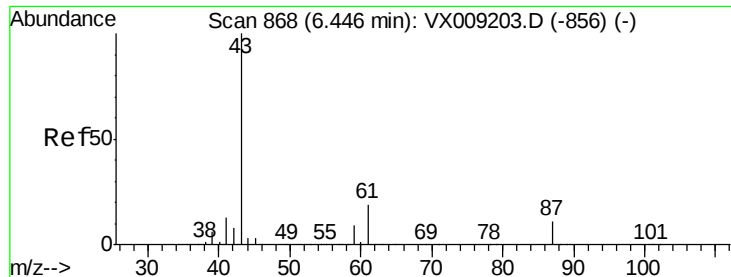
98 8.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



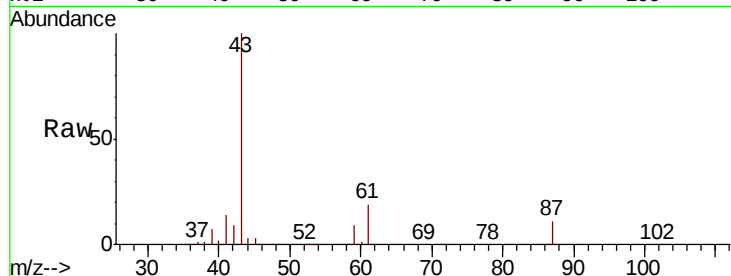


#43

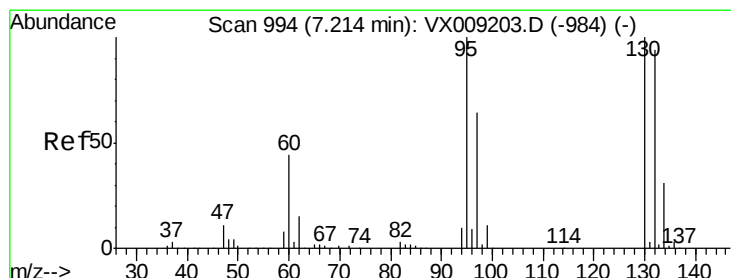
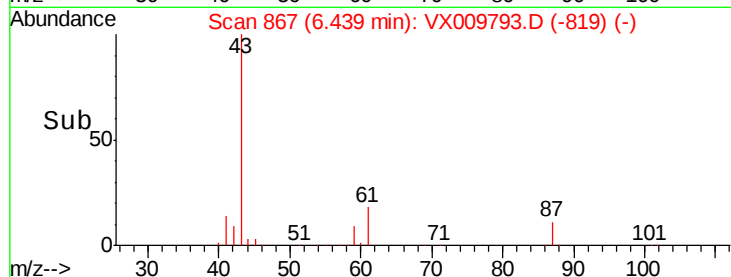
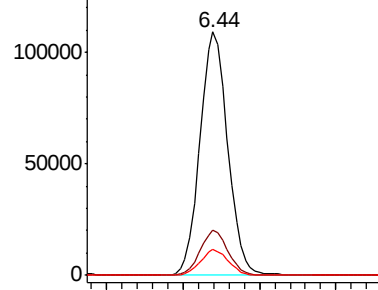
Isopropyl Acetate
 Concen: 45.429 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tot Ion: 43 Resp: 273028
 Ion Ratio Lower Upper
 43 100
 61 18.4 15.1 22.7
 87 10.8 9.0 13.6



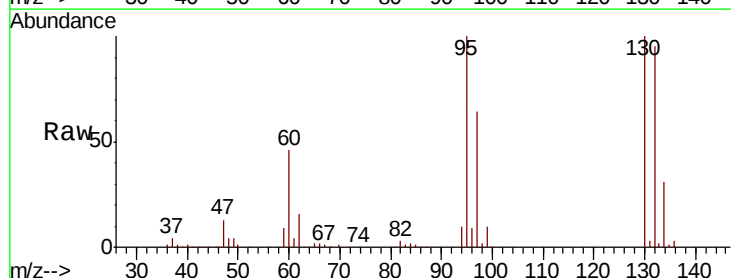
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



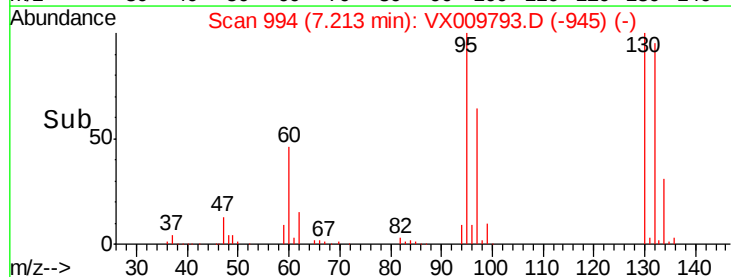
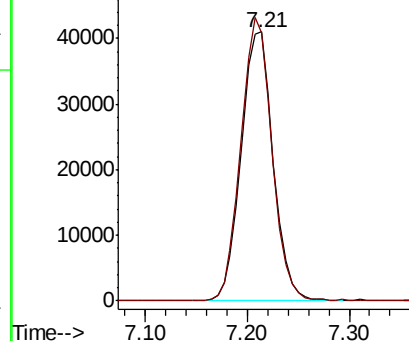
#44

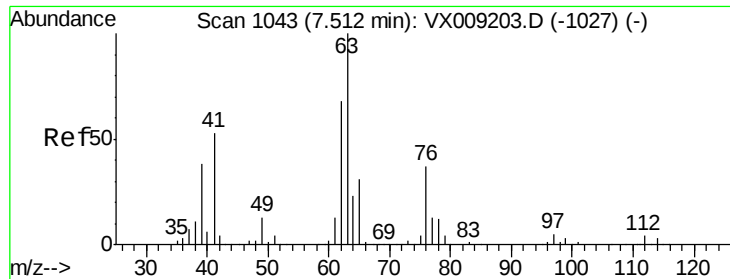
Trichloroethene
 Concen: 44.232 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion:130 Resp: 89244
 Ion Ratio Lower Upper
 130 100
 95 99.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

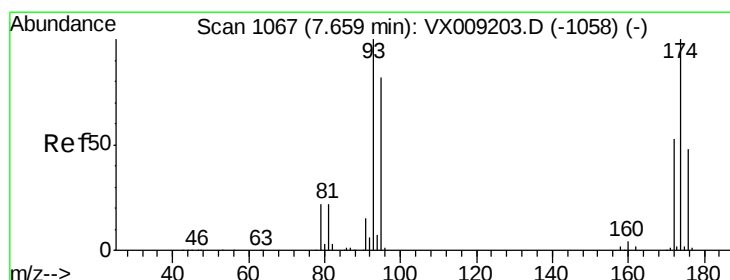
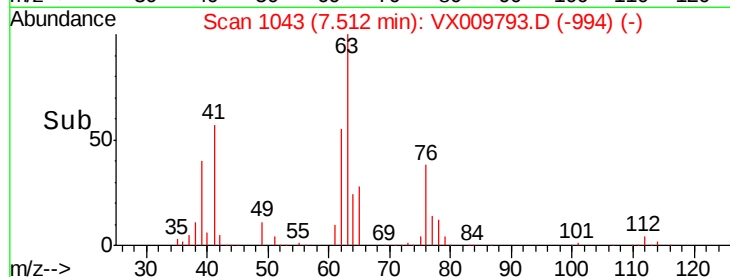
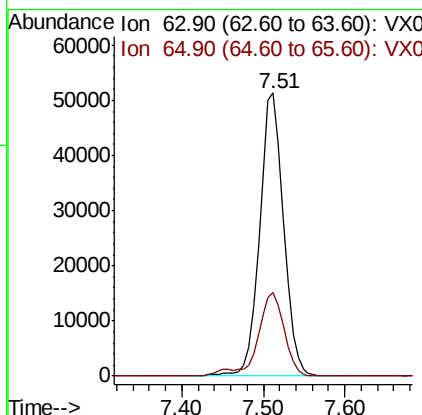
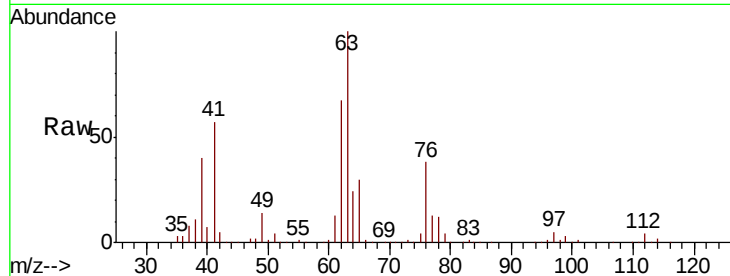




#45
 1,2-Dichloropropane
 Concen: 44.758 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

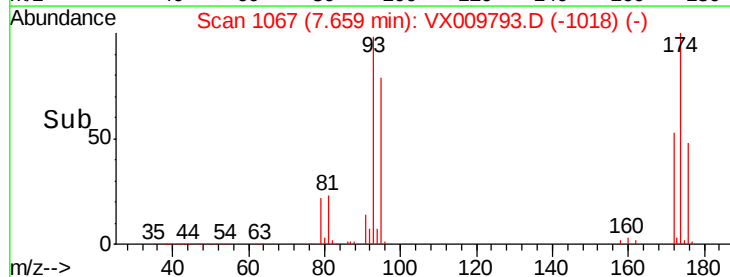
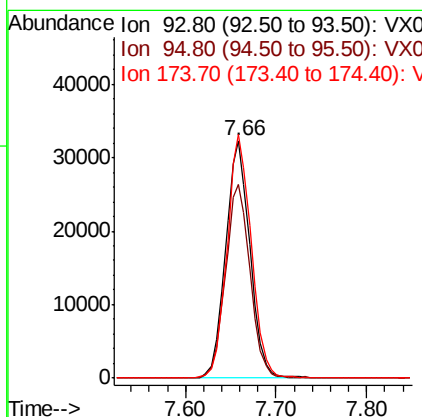
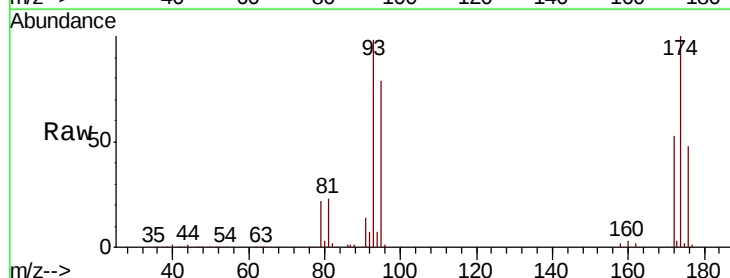
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

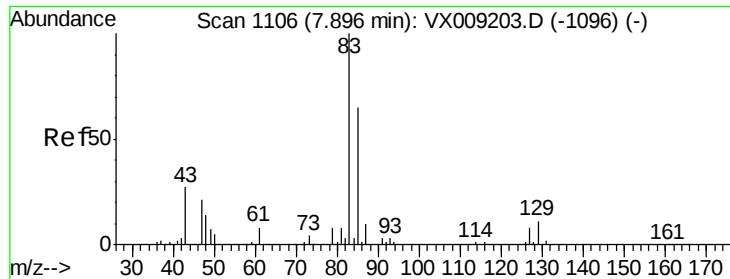
Tot Ion: 63 Resp: 105773
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 44.173 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 93 Resp: 60620
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 102.4 82.1 123.1

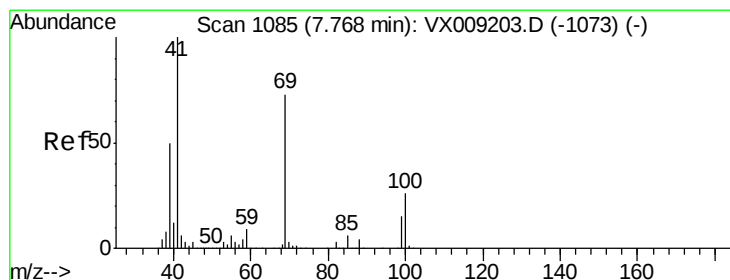
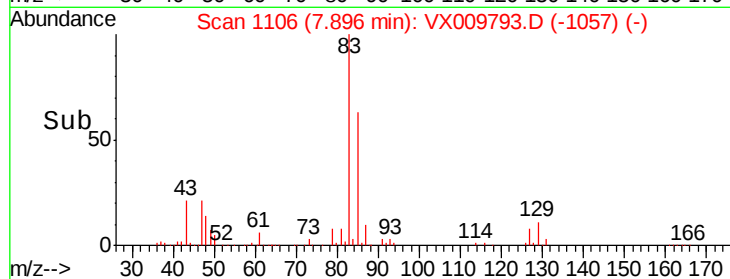
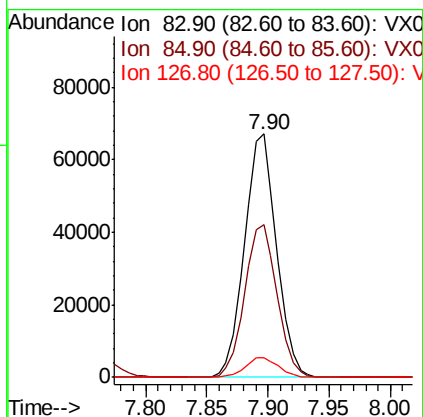
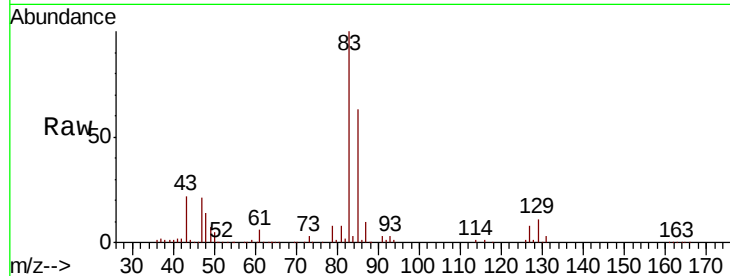




#47
 Bromodichloromethane
 Concen: 44.705 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

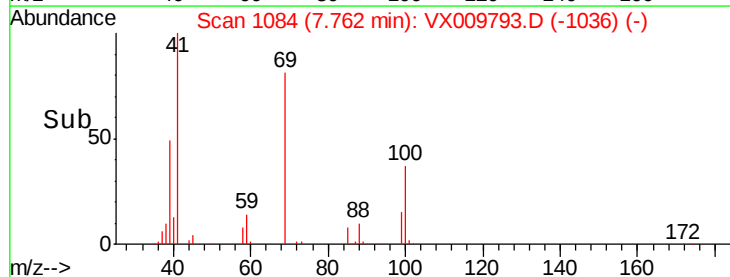
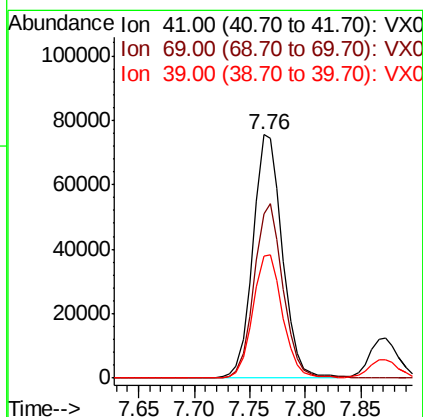
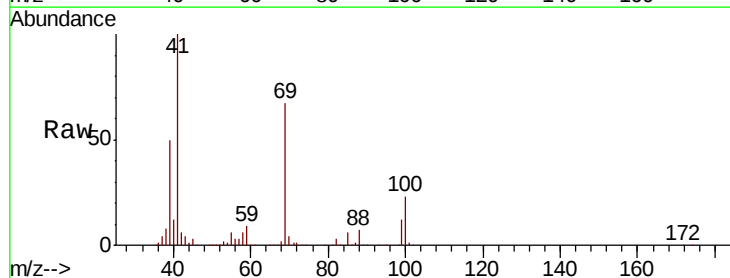
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

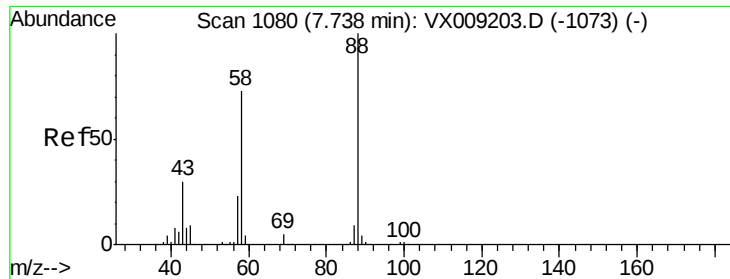
Tot Ion: 83 Resp: 122378
 Ion Ratio Lower Upper
 83 100
 85 62.6 52.4 78.6
 127 8.0 6.6 10.0



#48
 Methyl methacrylate
 Concen: 46.518 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 41 Resp: 138705
 Ion Ratio Lower Upper
 41 100
 69 71.0 59.1 88.7
 39 51.0 40.4 60.6





#49

1,4-Dioxane

Concen: 850.501 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

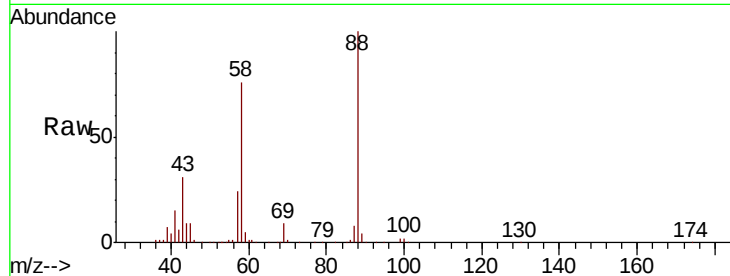
MSVOA_X

ClientSampleId :

BFB

Tot Ion: 88 Resp: 51429

Ion	Ratio	Lower	Upper
88	100		
43	37.3	28.6	42.8
58	78.2	61.7	92.5

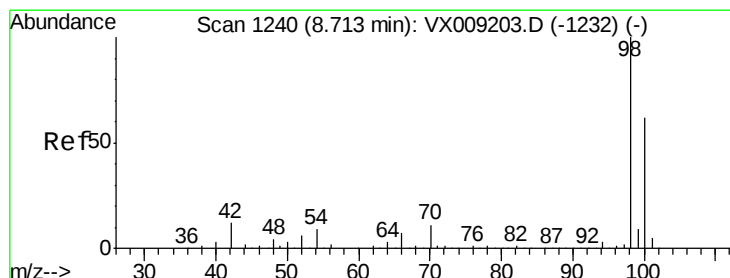
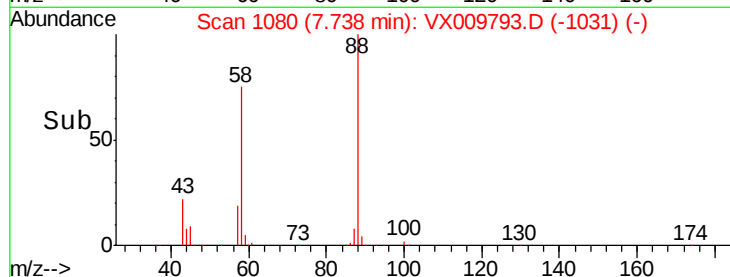
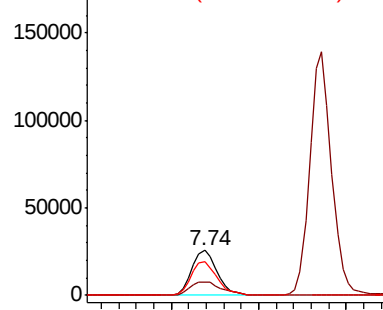


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.825 ug/l

RT: 8.71 min Scan# 1240

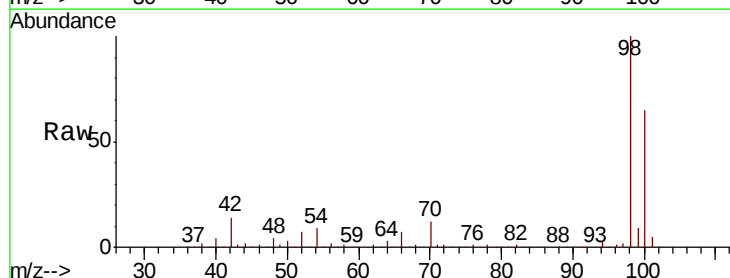
Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Tgt Ion: 98 Resp: 337495

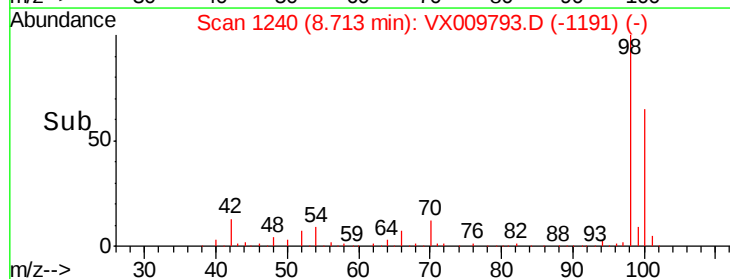
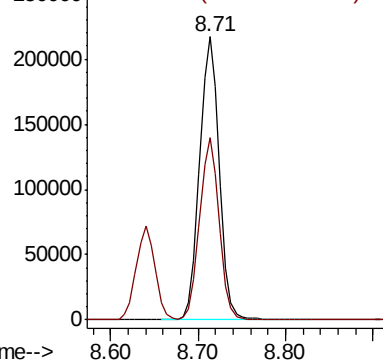
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

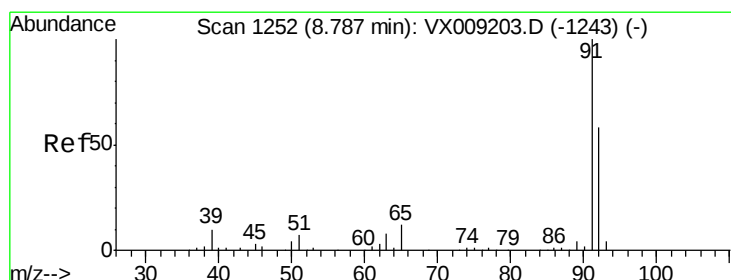
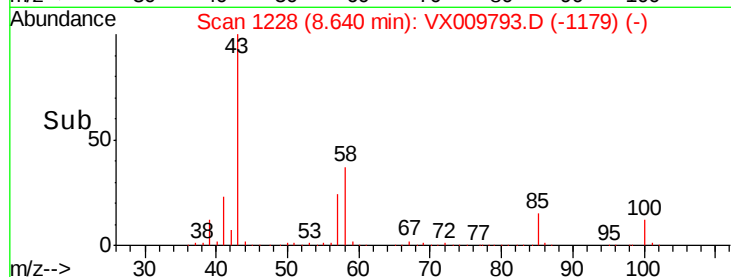
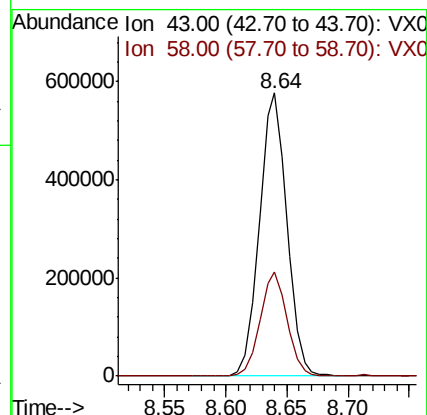
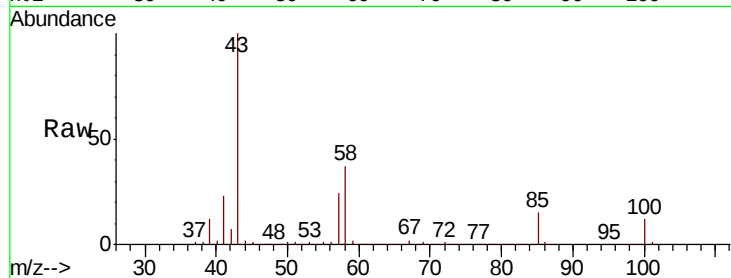




#51
4-Methyl-2-Pentanone
Concen: 230.078 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

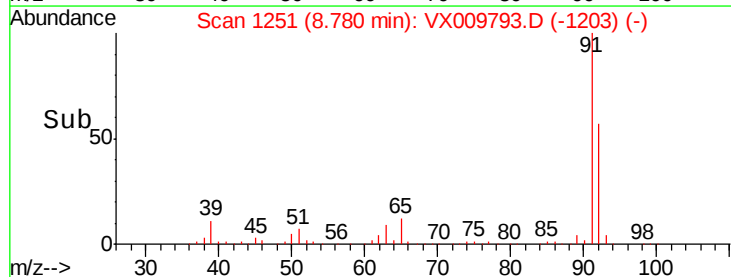
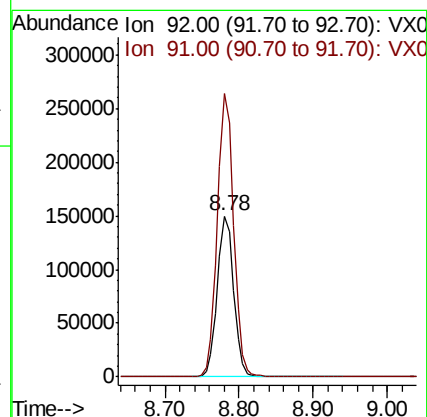
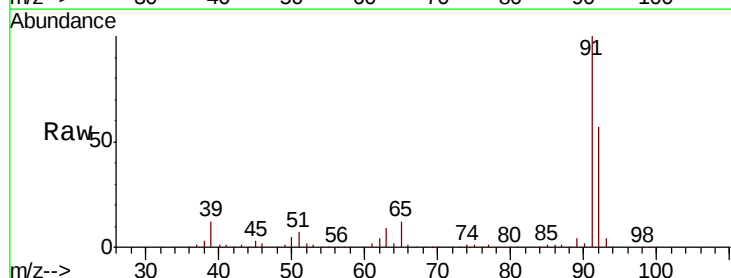
Instrument :
MSVOA_X
ClientSampleId :
BFB

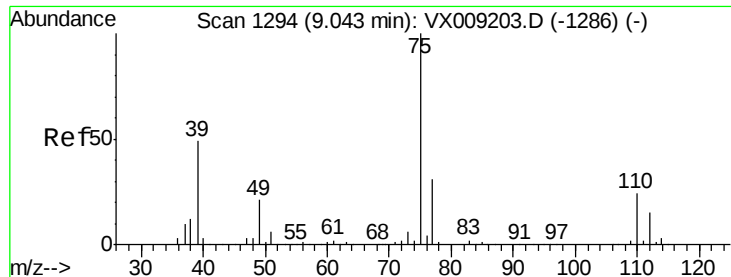
Tot Ion: 43 Resp: 903814
Ion Ratio Lower Upper
43 100
58 36.1 29.5 44.3



#52
Toluene
Concen: 44.942 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 92 Resp: 227999
Ion Ratio Lower Upper
92 100
91 175.0 138.8 208.2

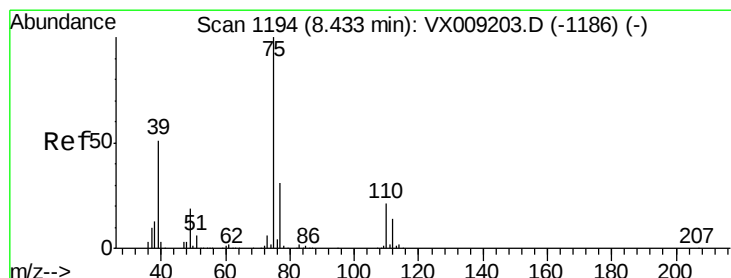
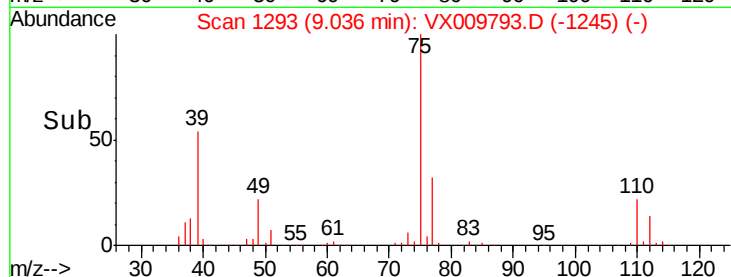
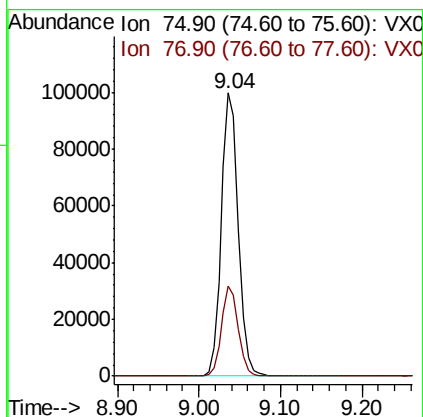
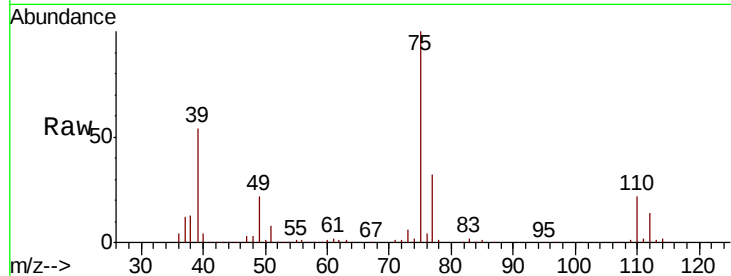




#53
t-1,3-Dichloropropene
Concen: 46.613 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

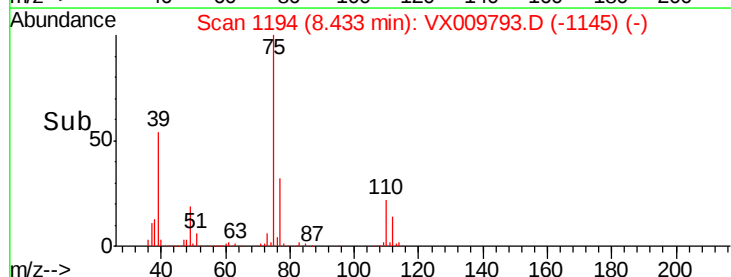
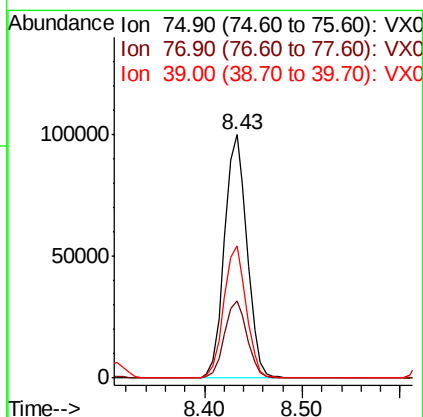
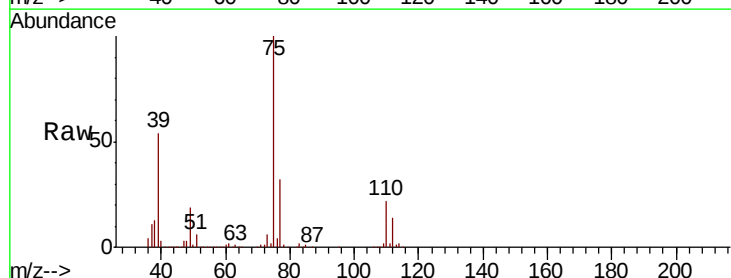
Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 75 Resp: 144064
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 46.625 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 75 Resp: 159496
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 54.3 40.6 60.8

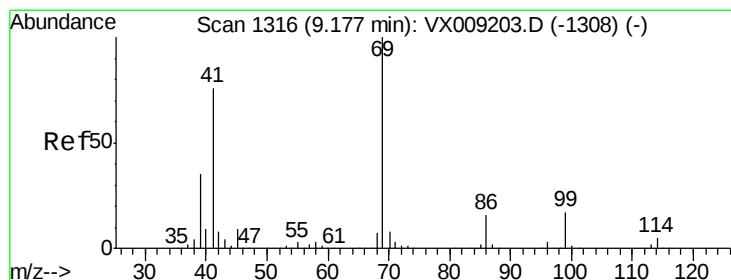
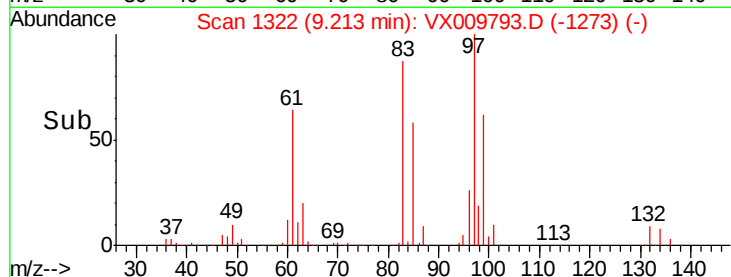
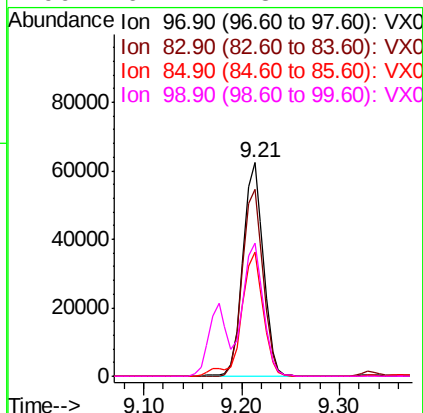
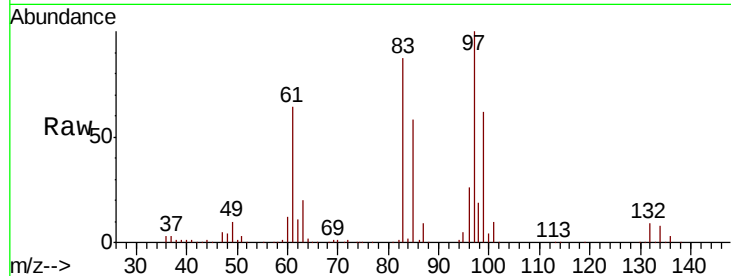




#55
 1,1,2-Trichloroethane
 Concen: 43.830 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

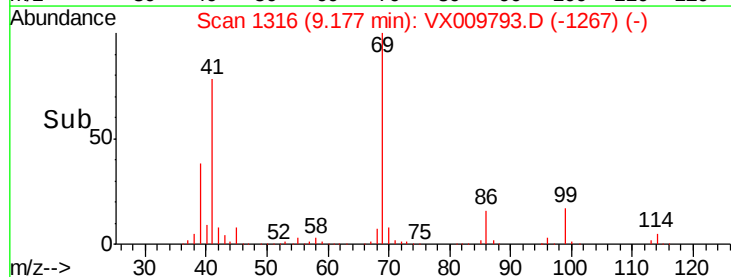
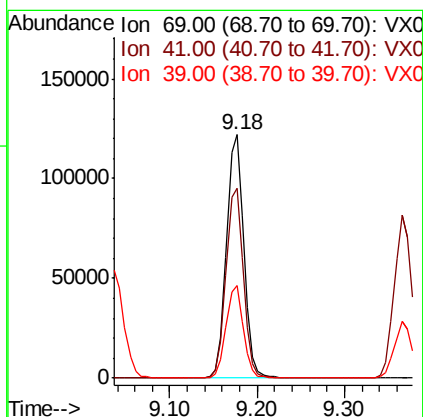
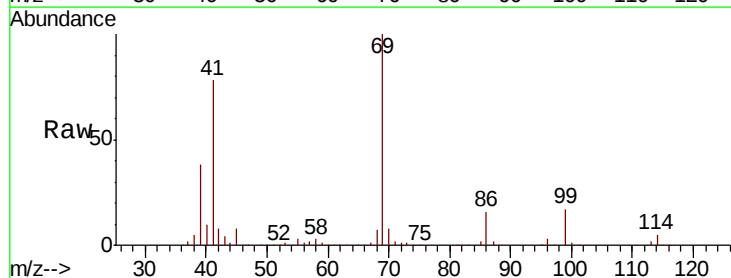
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

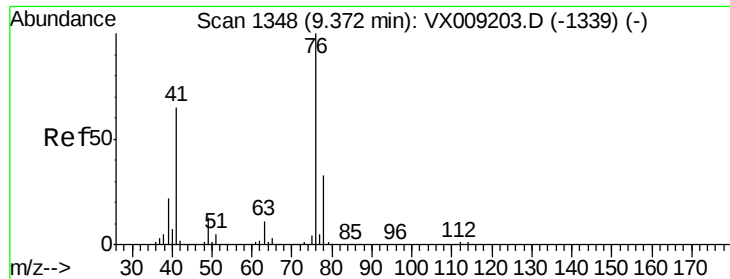
Tot Ion:	97	Resp:	90717
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.9	103.3
85	58.0	43.8	65.6
99	62.1	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 45.251 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion:	69	Resp:	167183
Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.6	90.8
39	37.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 44.189 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

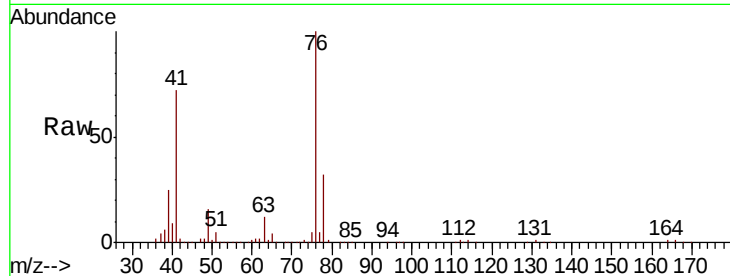
BFB

Tot Ion: 76 Resp: 160945

Ion Ratio Lower Upper

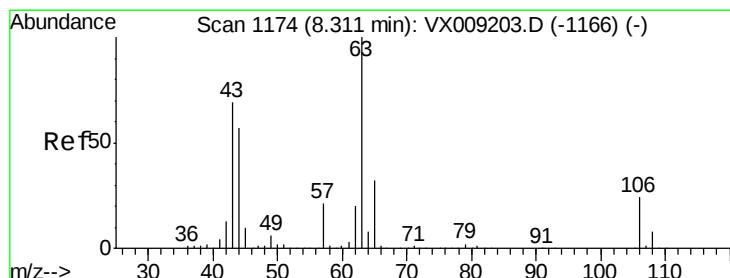
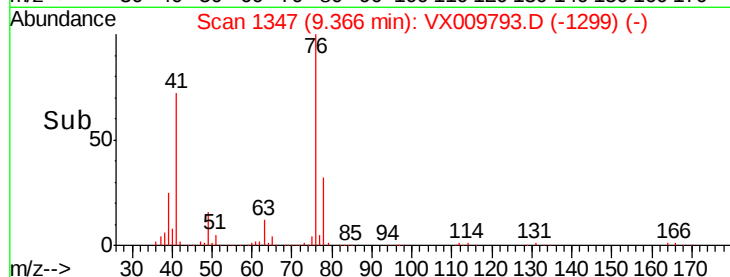
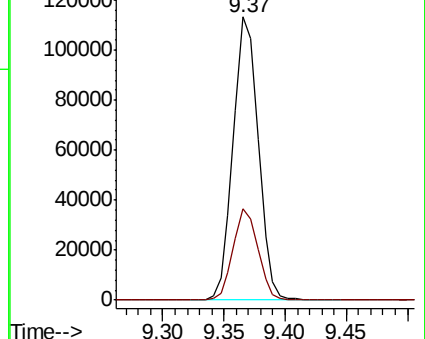
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 220.195 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009793.D

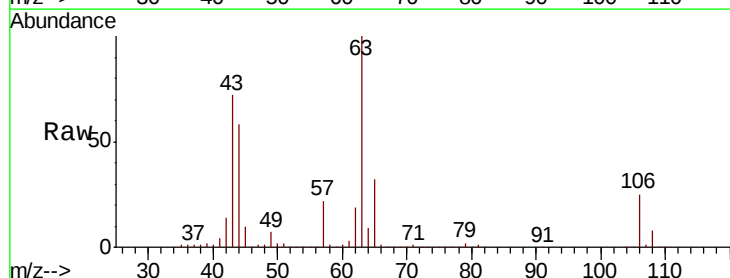
Acq: 22 May 2019 10:23

Tgt Ion: 63 Resp: 431575

Ion Ratio Lower Upper

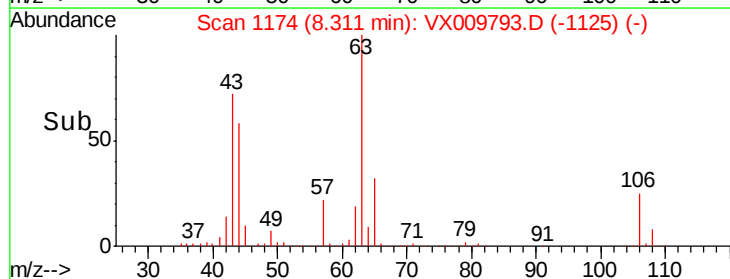
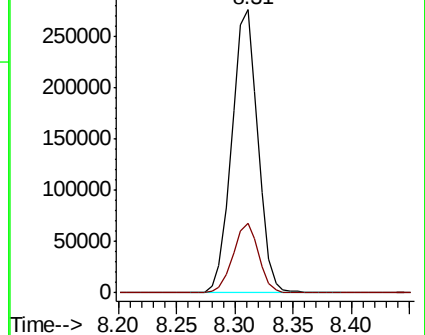
63 100

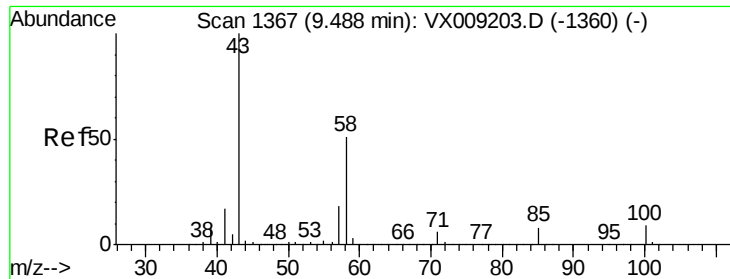
106 24.2 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

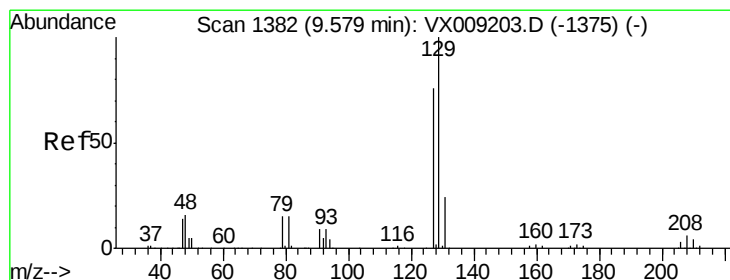
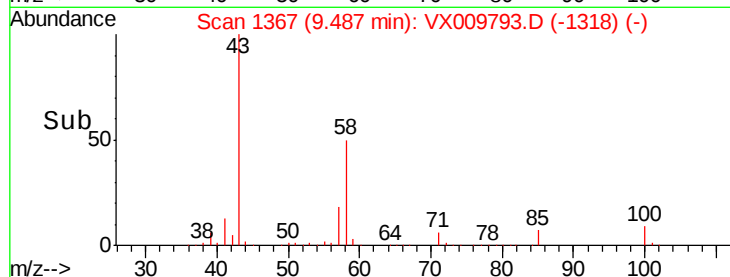
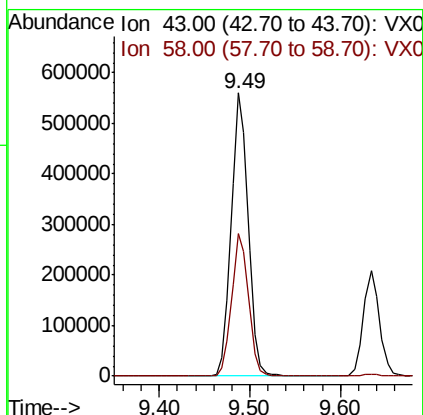
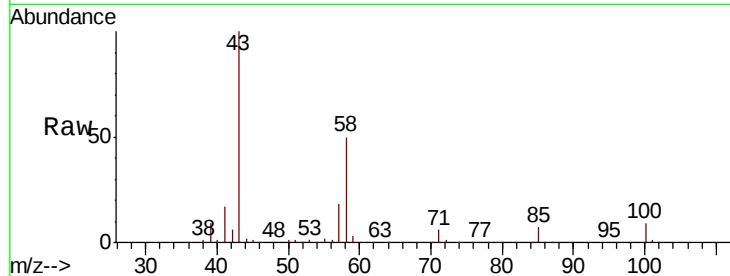




#59
2-Hexanone
Concen: 235.781 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

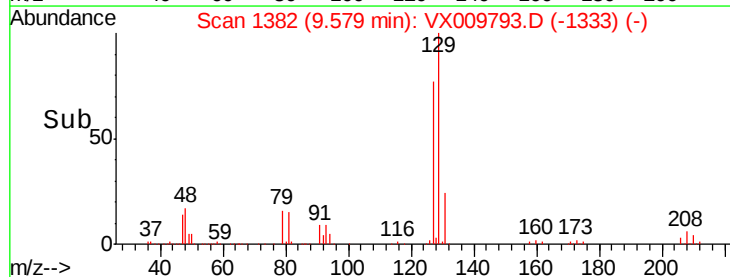
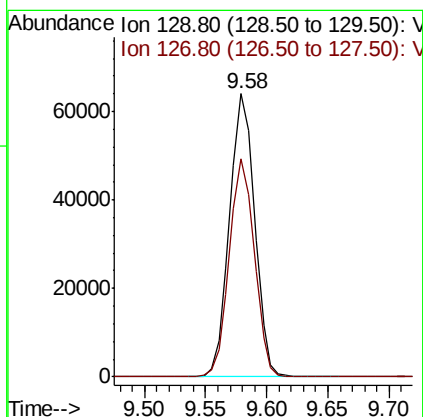
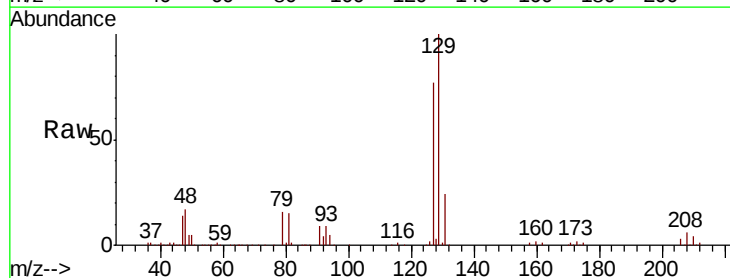
Instrument :
MSVOA_X
ClientSampleId :
BFB

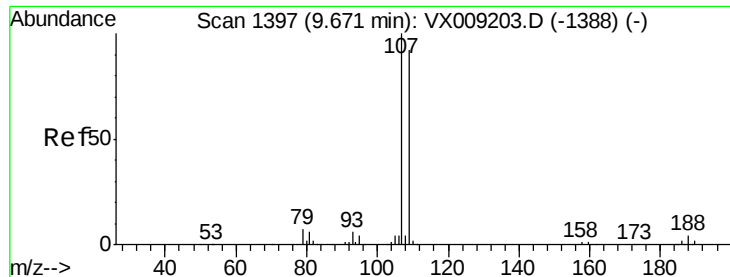
Tot Ion: 43 Resp: 727440
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.7



#60
Dibromochloromethane
Concen: 44.973 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:129 Resp: 90912
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 44.752 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

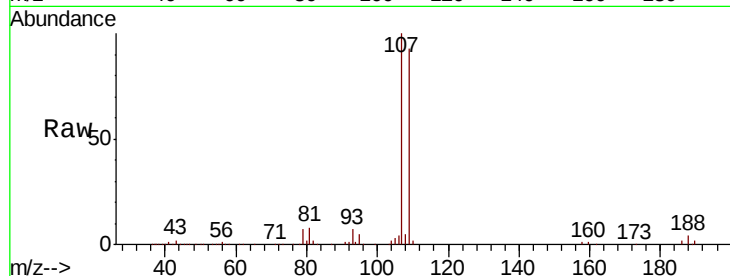
BFB

Tot Ion:107 Resp: 93498

Ion Ratio Lower Upper

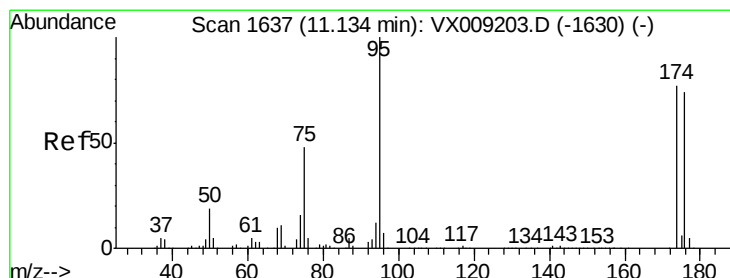
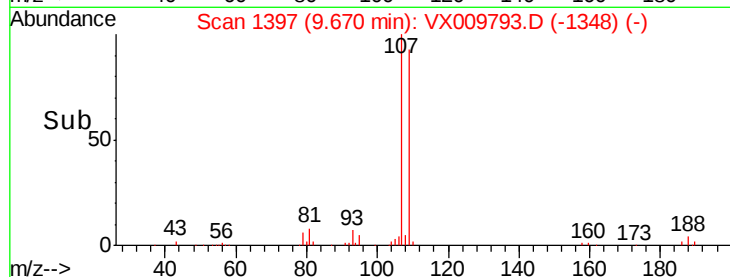
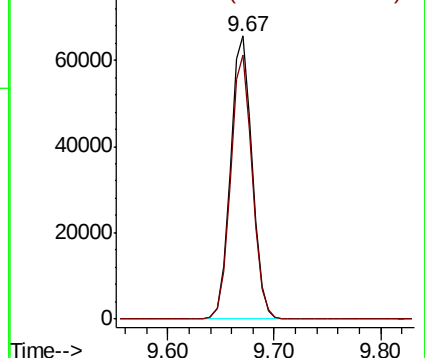
107 100

109 93.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

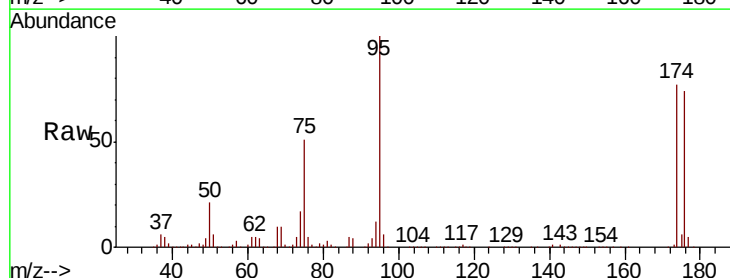
Tgt Ion: 95 Resp: 125877

Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.6

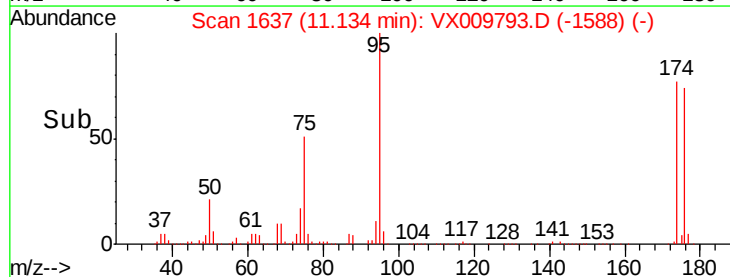
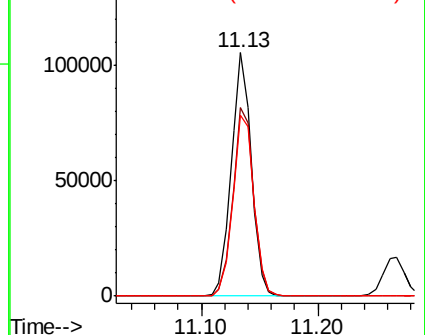
176 78.5 0.0 159.2

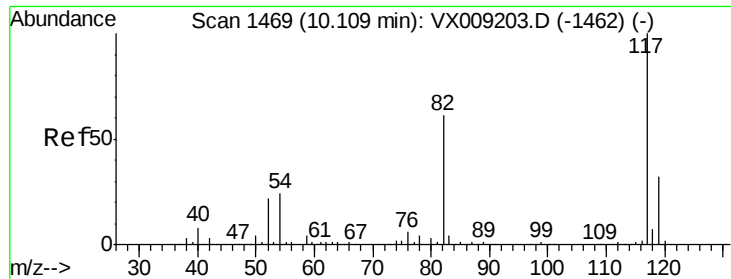


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

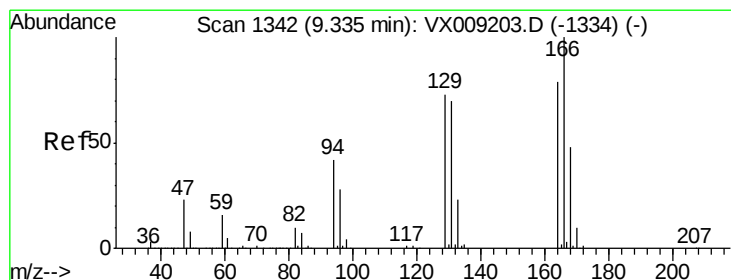
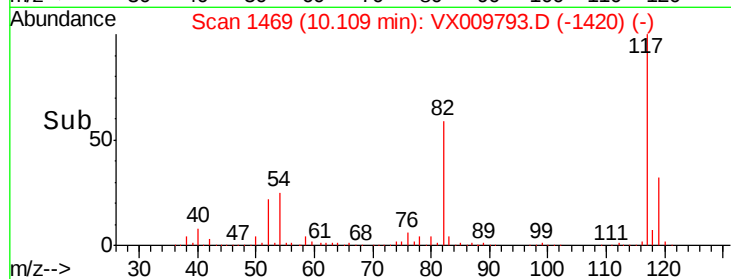
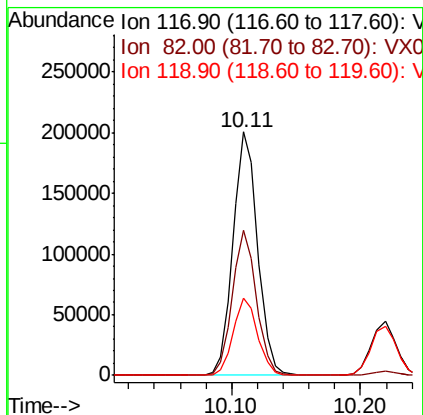
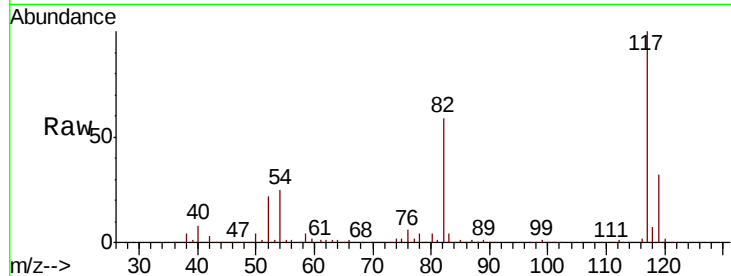




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

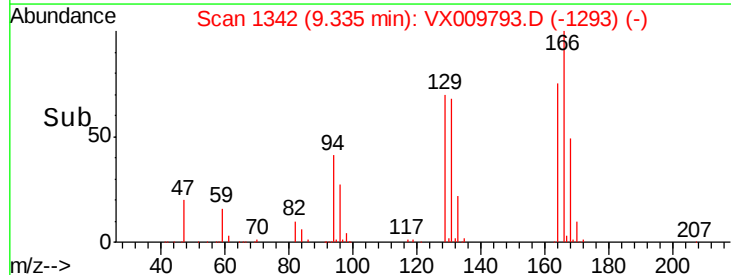
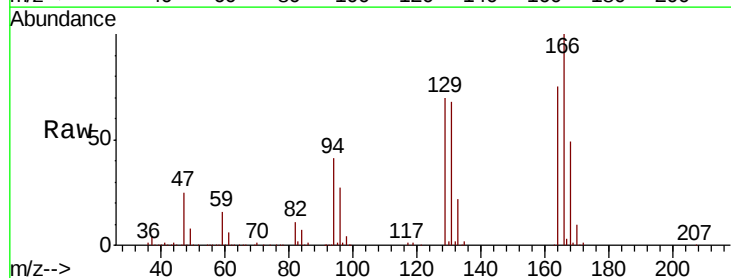
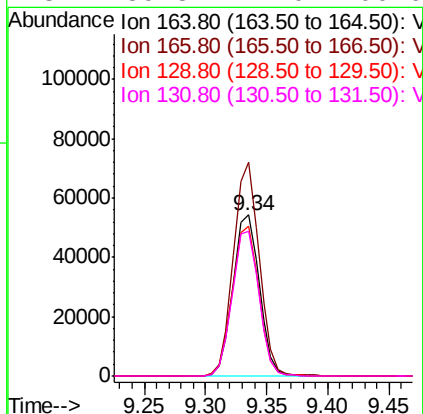
Instrument :
MSVOA_X
ClientSampled :
BFB

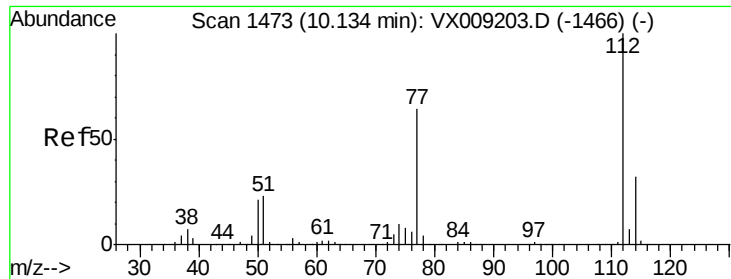
Tot Ion:117 Resp: 267616
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 44.103 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:164 Resp: 80961
Ion Ratio Lower Upper
164 100
166 132.6 101.2 151.8
129 93.2 74.3 111.5
131 89.8 71.0 106.6

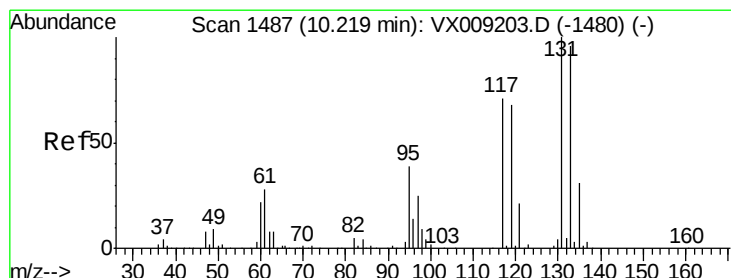
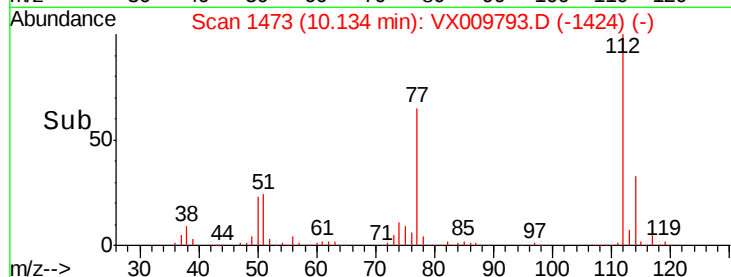
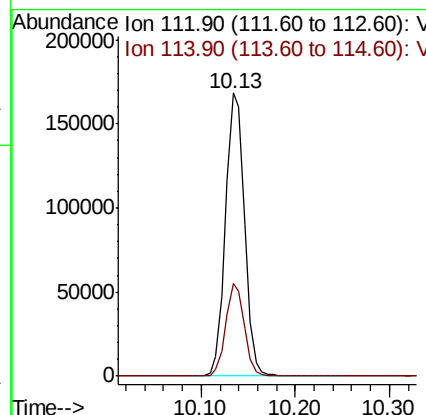
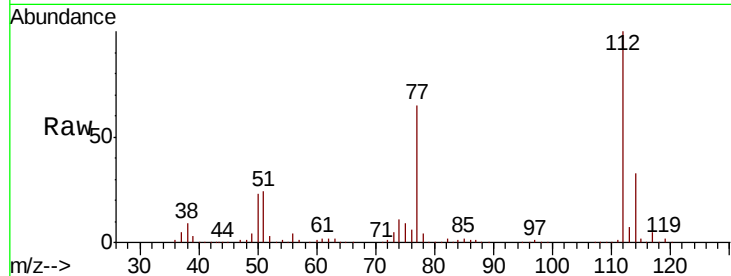




#65
Chlorobenzene
Concen: 43.998 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

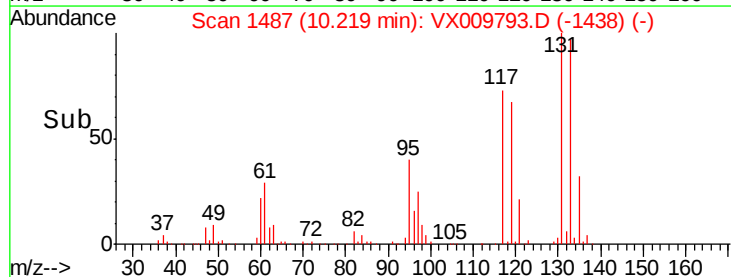
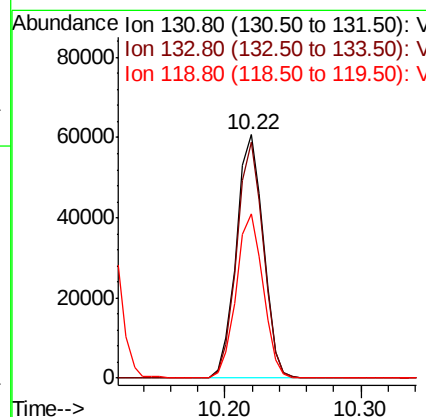
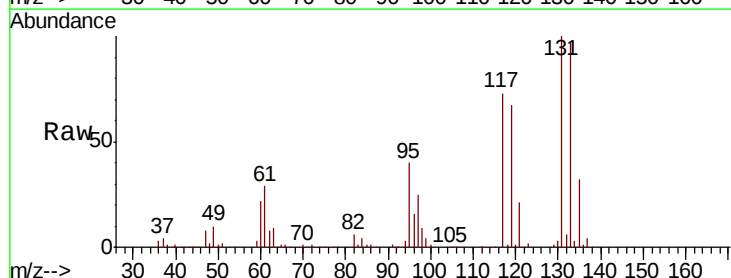
Instrument :
MSVOA_X
ClientSampleId :
BFB

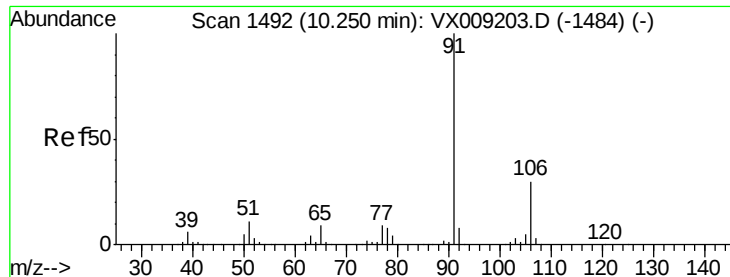
Tot Ion:112 Resp: 235542
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 43.360 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:131 Resp: 84157
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 67.0 33.5 100.4

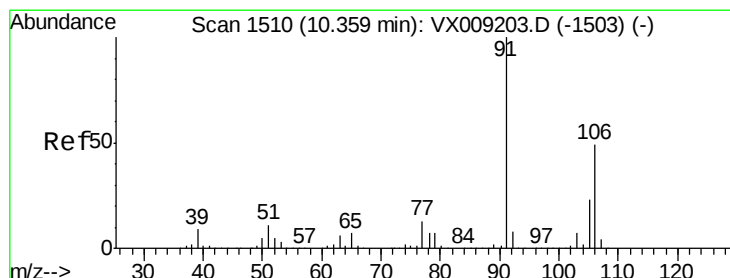
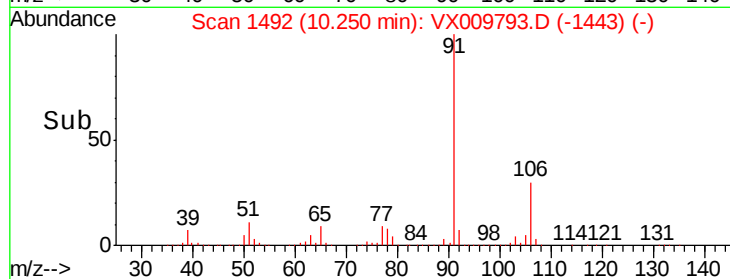
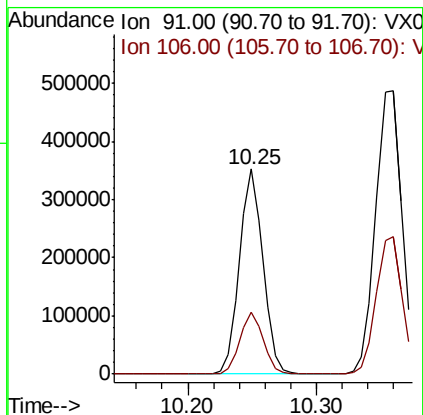
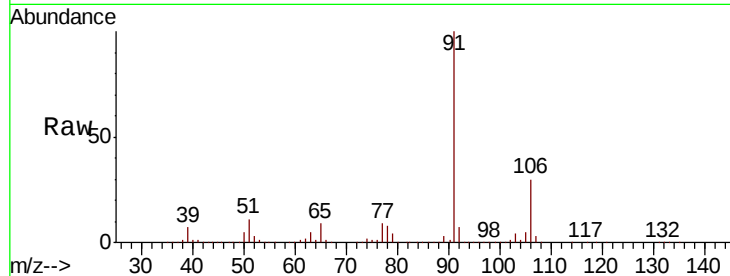




#67
Ethyl Benzene
Concen: 45.172 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

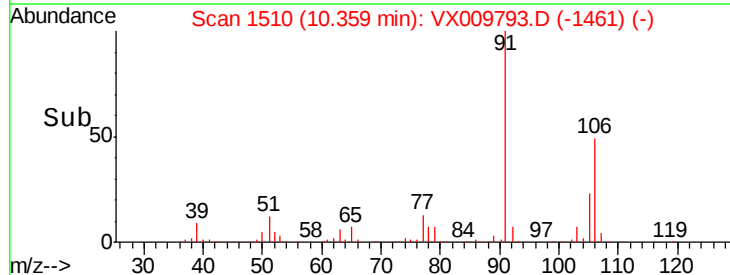
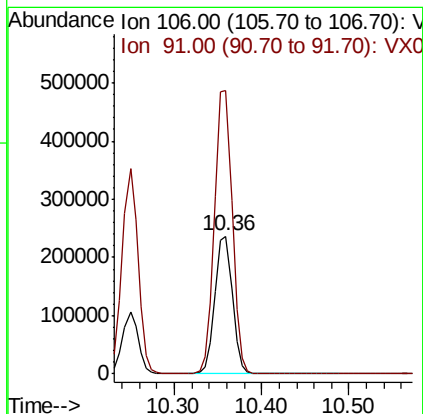
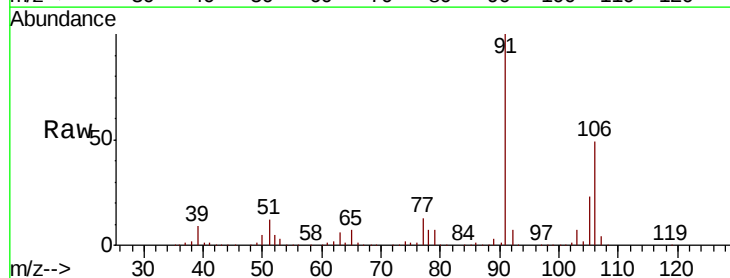
Instrument :
MSVOA_X
ClientSampled :
BFB

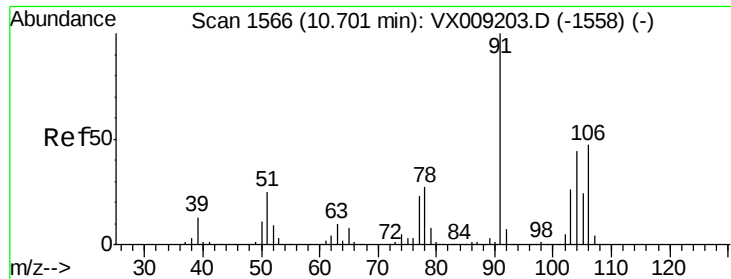
Tot Ion: 91 Resp: 445060
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 91.543 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 106 Resp: 329592
Ion Ratio Lower Upper
106 100
91 208.6 164.0 246.0

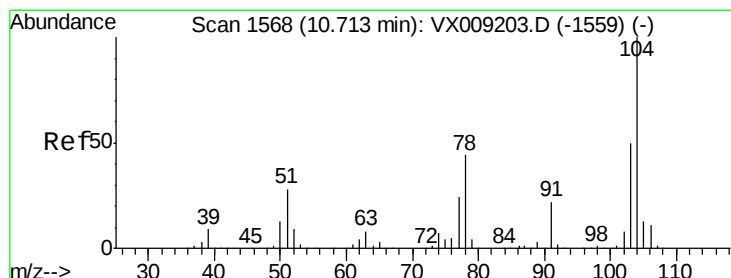
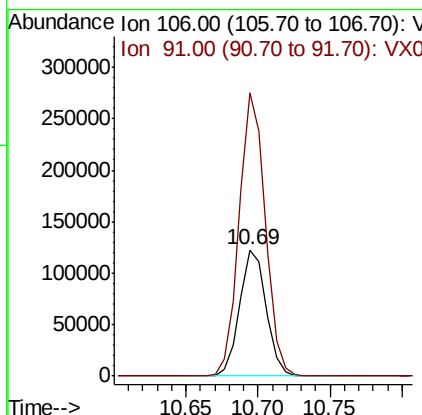
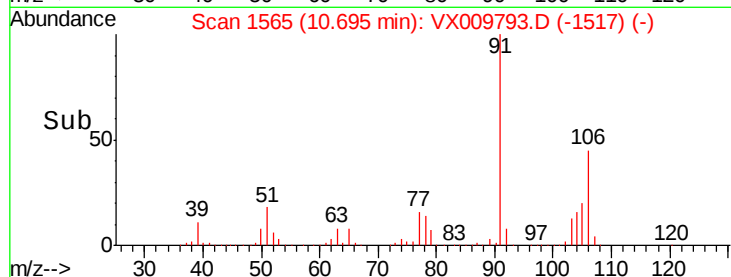
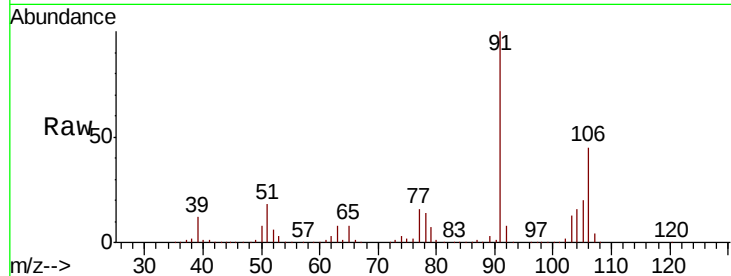




#69
o-Xylene
Concen: 44.136 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

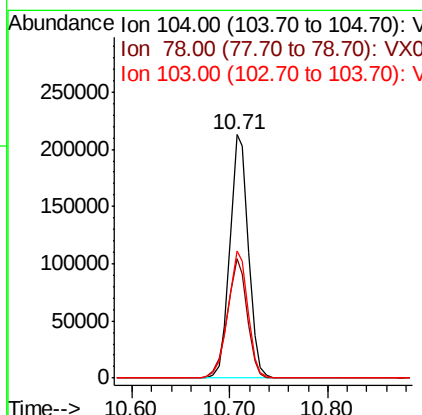
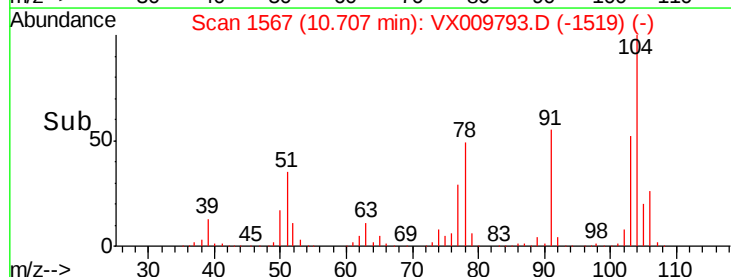
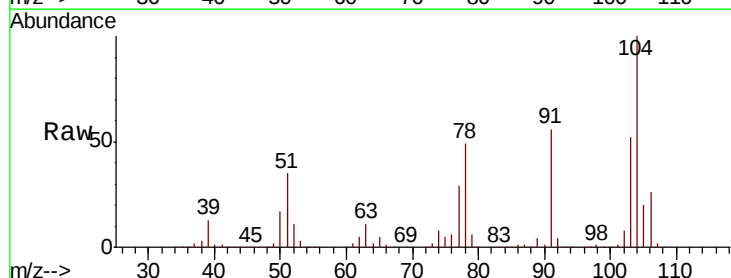
Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion:106 Resp: 156785
Ion Ratio Lower Upper
106 100
91 221.9 109.5 328.4



#70
Styrene
Concen: 45.214 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion:104 Resp: 279164
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.4
103 55.9 43.8 65.6





#71

Bromoform

Concen: 44.522 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

BFB

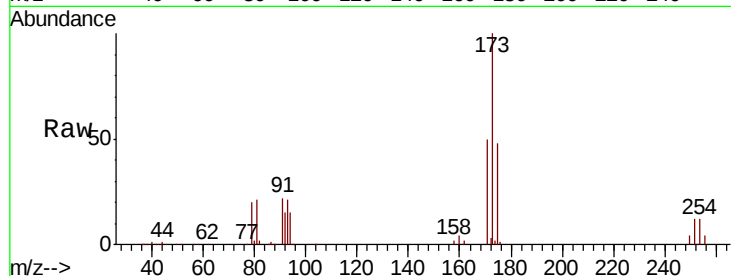
Tot Ion:173 Resp: 70222

Ion Ratio Lower Upper

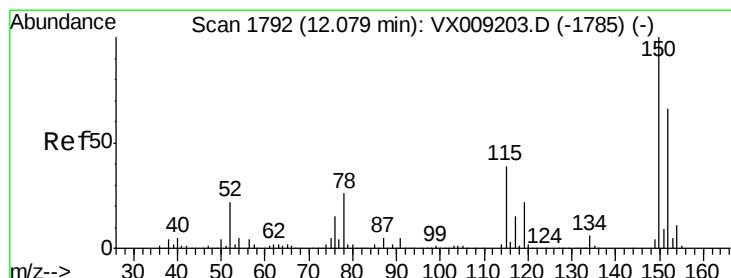
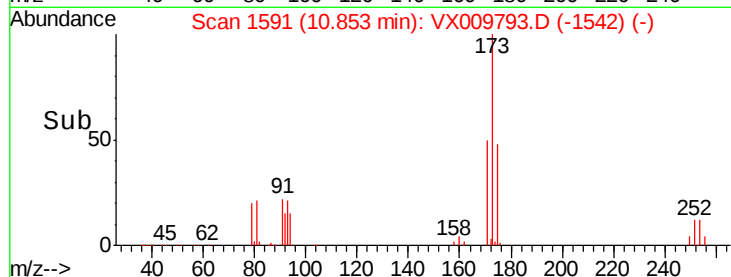
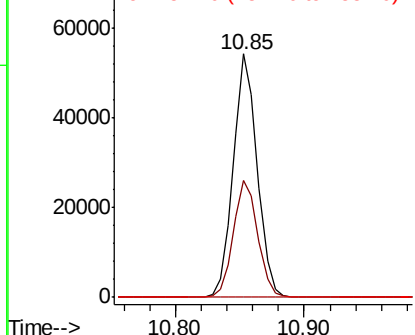
173 100

175 49.0 24.5 73.5

254 0.0 0.1 0.1#



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: VX009793.D

Acq: 22 May 2019 10:23

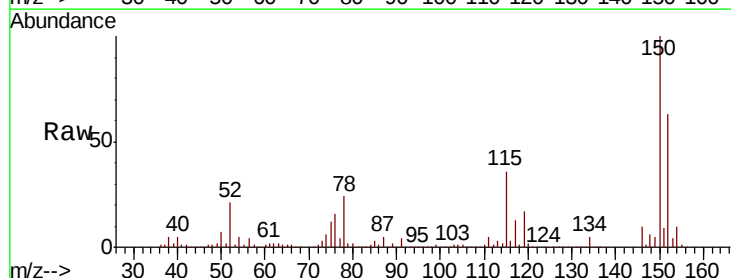
Tgt Ion:152 Resp: 136758

Ion Ratio Lower Upper

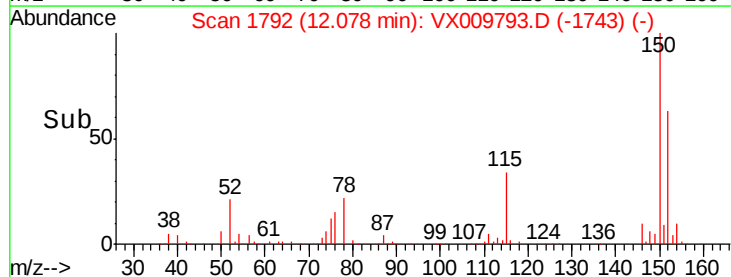
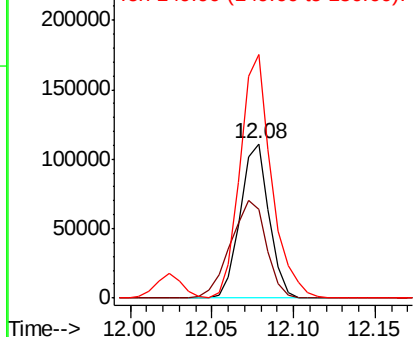
152 100

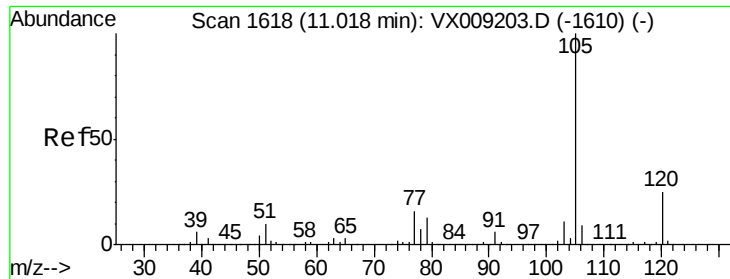
115 78.7 41.2 123.6

150 171.9 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: 43.018 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

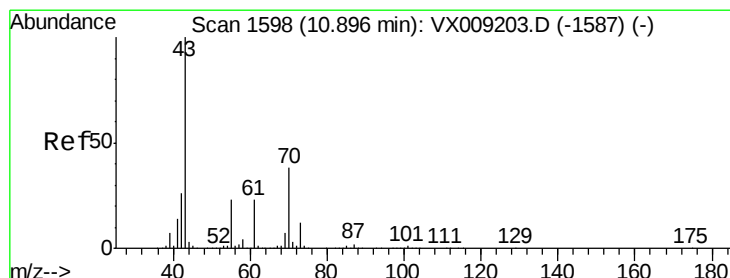
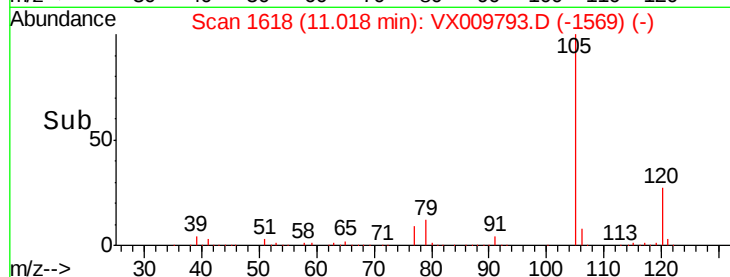
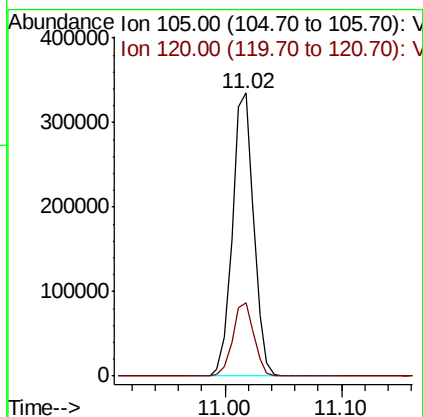
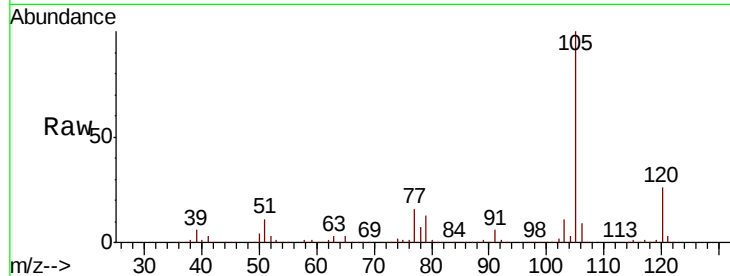
BFB

Tot Ion:105 Resp: 427804

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 44.026 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Tgt Ion: 43 Resp: 255263

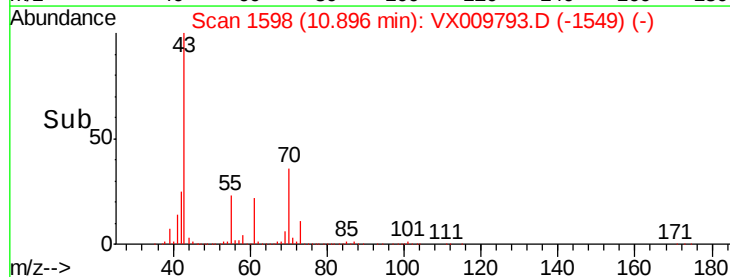
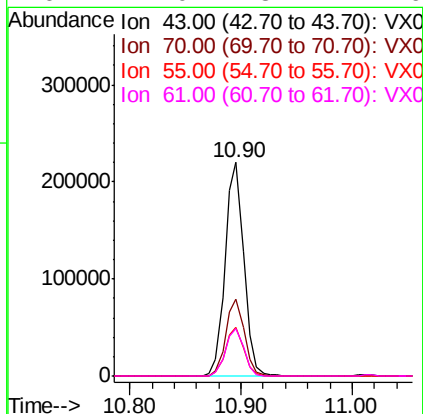
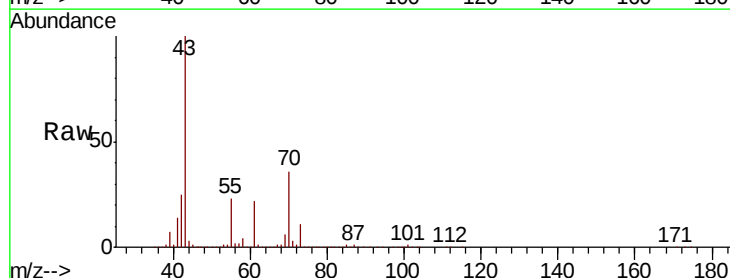
Ion Ratio Lower Upper

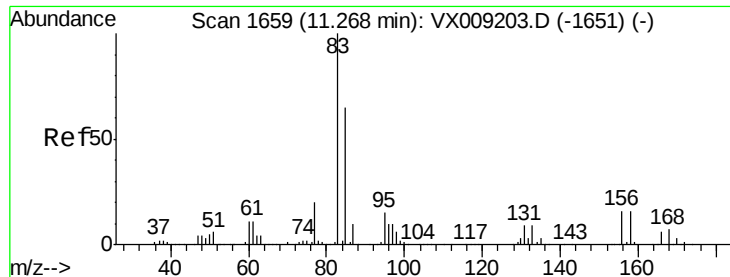
43 100

70 36.0 30.0 45.0

55 22.5 17.9 26.9

61 22.0 18.4 27.6

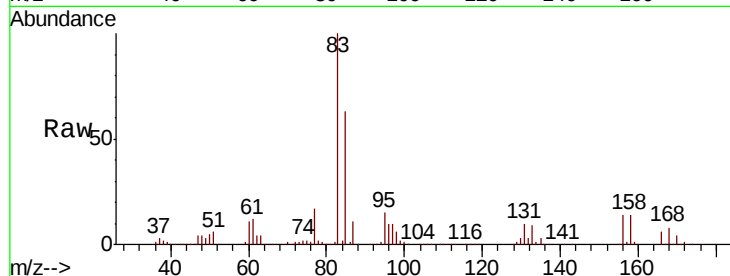




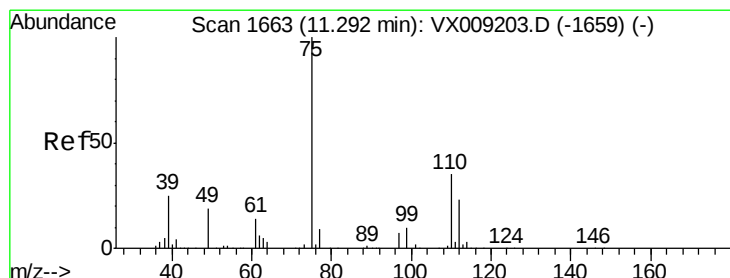
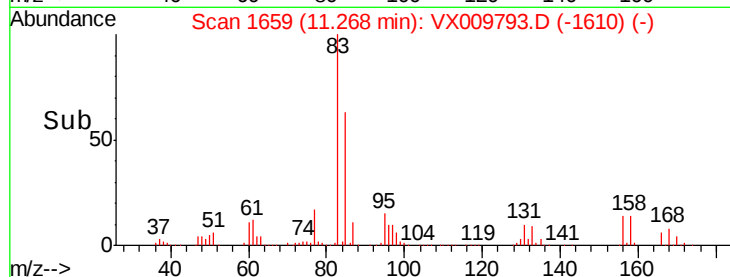
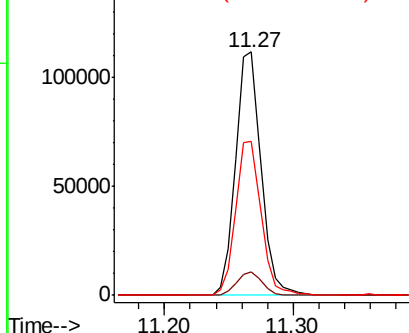
#75
 1,1,2,2-Tetrachloroethane
 Concen: 41.405 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tot Ion	83	Resp	153502
Ion Ratio	100	Lower	Upper
83	100		
131	9.6	4.6	13.8
85	63.7	32.0	96.2

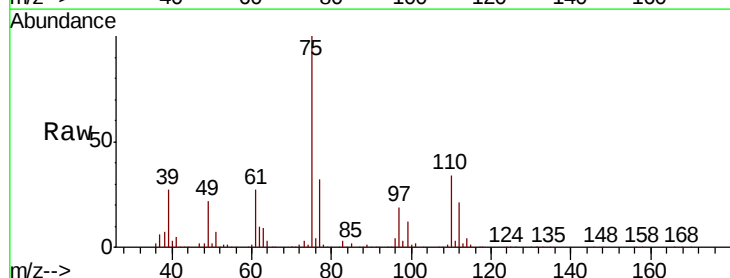


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

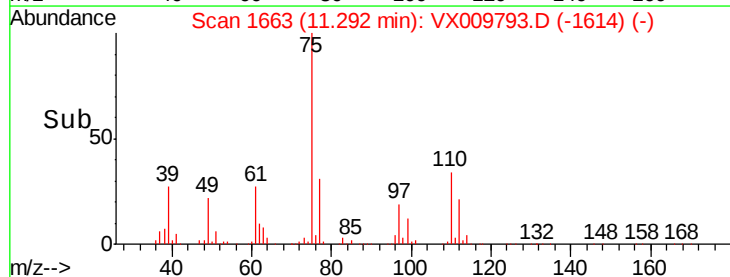
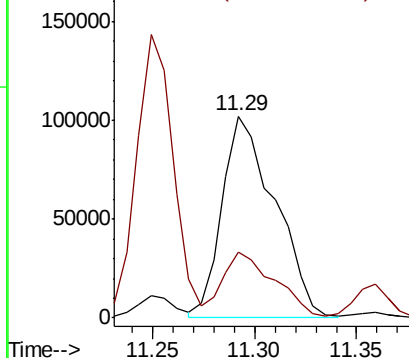


#76
 1,2,3-Trichloropropane
 Concen: 57.831 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion	75	Resp	183456
Ion Ratio	100	Lower	Upper
75	100		
77	32.1	22.1	66.1



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





#77

Bromobenzene

Concen: 42.375 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

BFB

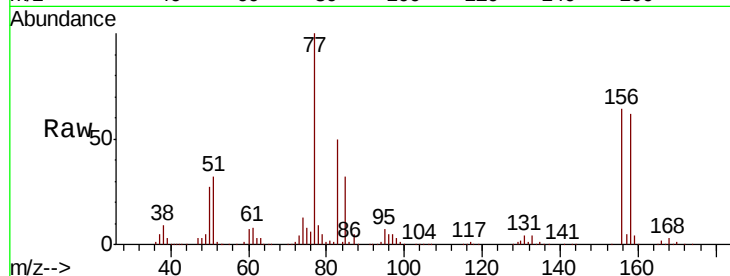
Tot Ion:156 Resp: 104598

Ion Ratio Lower Upper

156 100

77 171.5 84.8 254.3

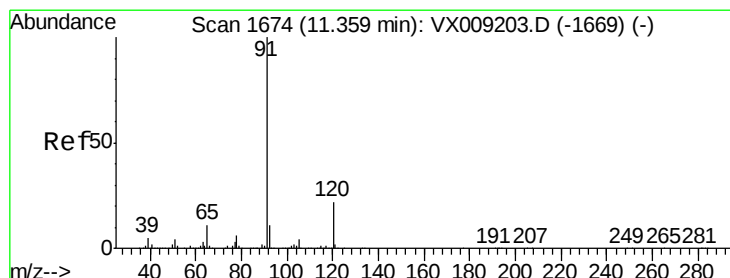
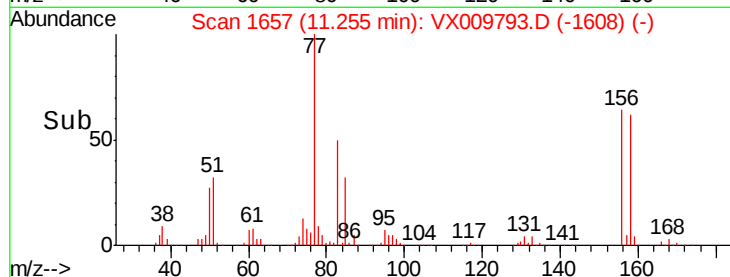
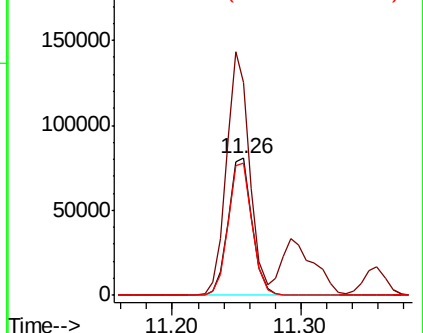
158 97.1 49.1 147.3



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: 44.786 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009793.D

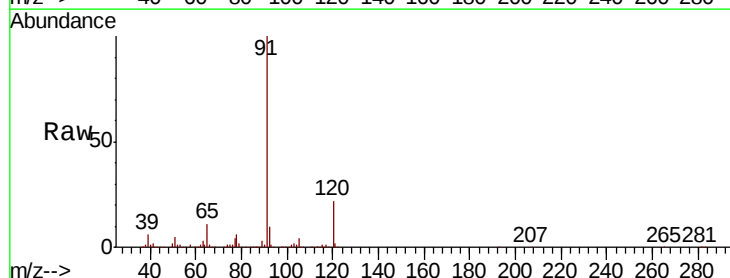
Acq: 22 May 2019 10:23

Tgt Ion: 91 Resp: 508664

Ion Ratio Lower Upper

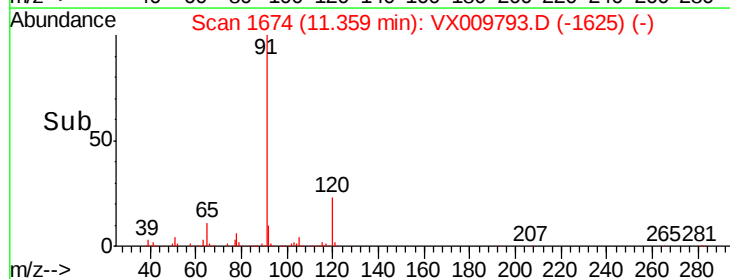
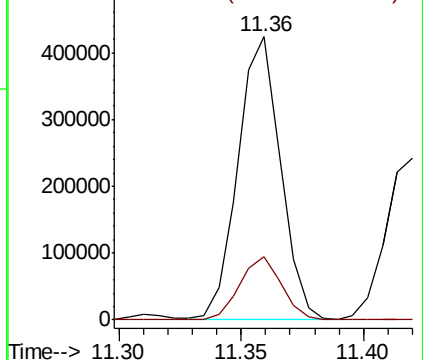
91 100

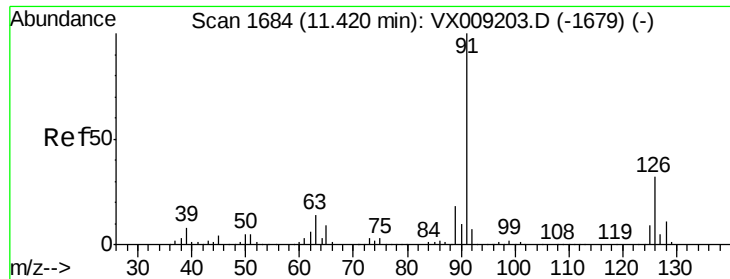
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

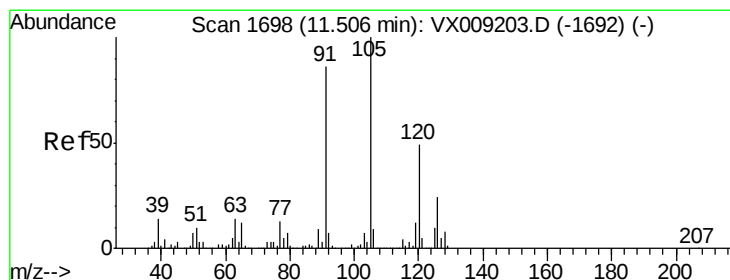
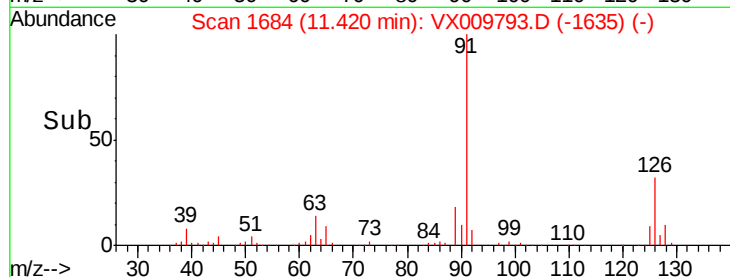
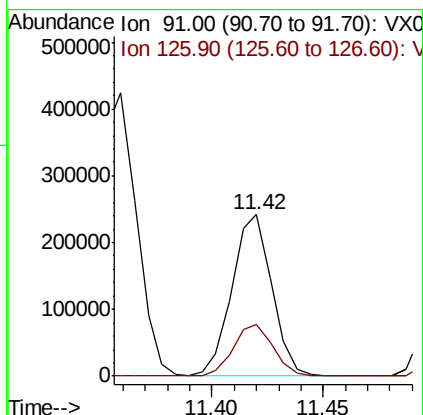
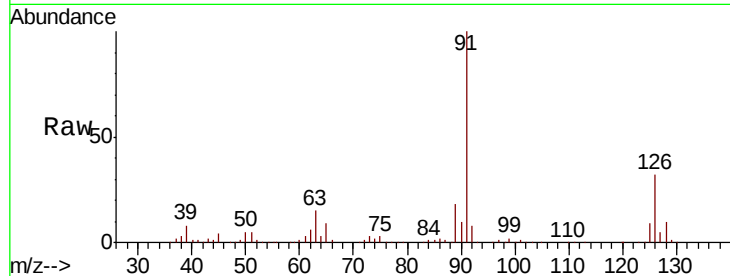




#79
 2-Chlorotoluene
 Concen: 42.762 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

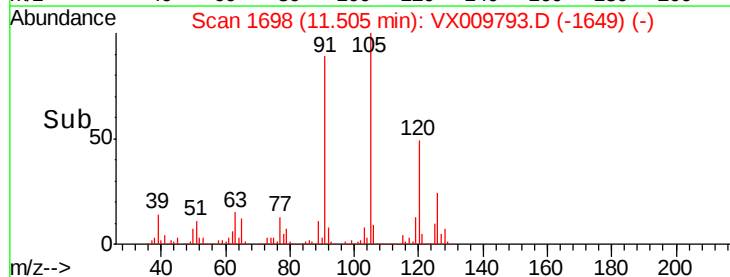
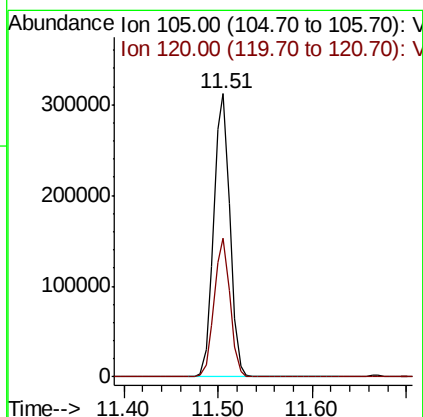
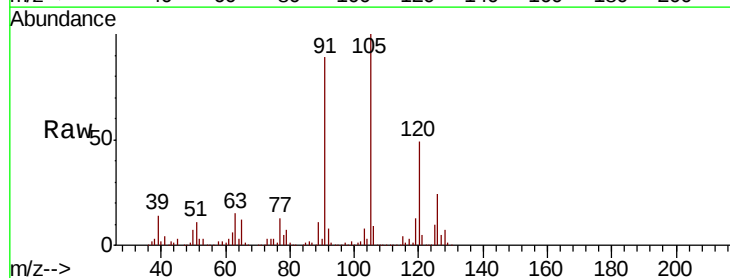
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion: 91 Resp: 299633
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 44.239 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 105 Resp: 370444
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 43.323 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

BFB

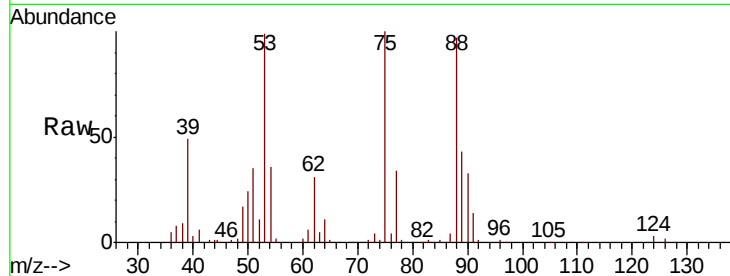
Tot Ion: 75 Resp: 53714

Ion Ratio Lower Upper

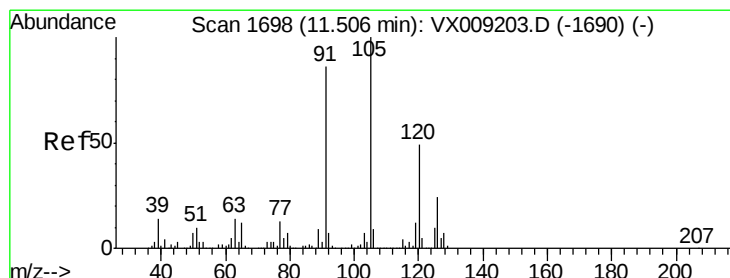
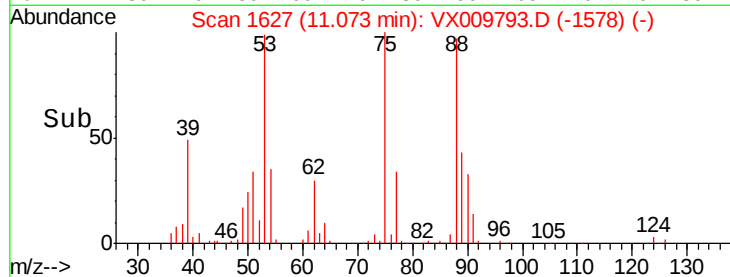
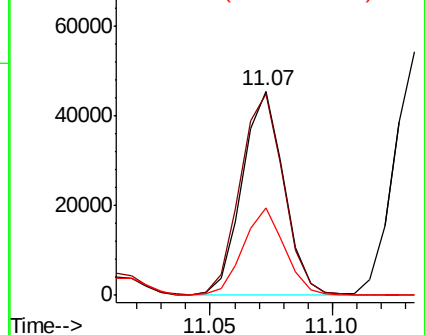
75 100

53 103.0 79.0 118.6

89 43.2 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 44.172 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009793.D

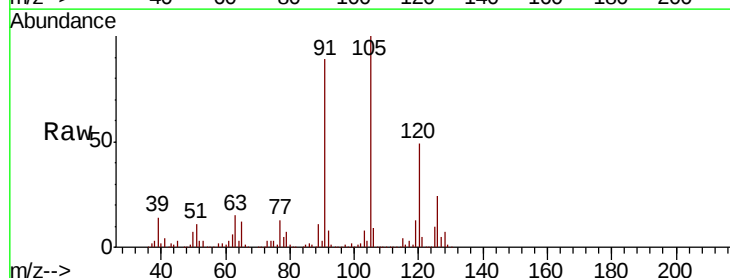
Acq: 22 May 2019 10:23

Tgt Ion: 91 Resp: 349665

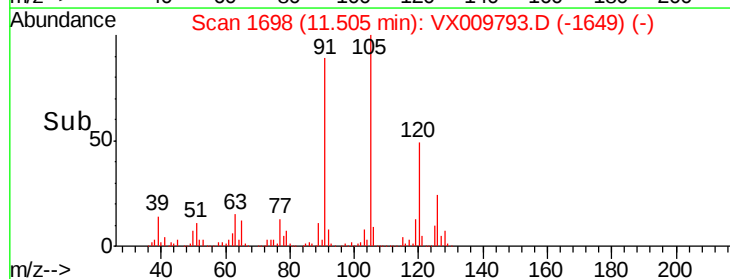
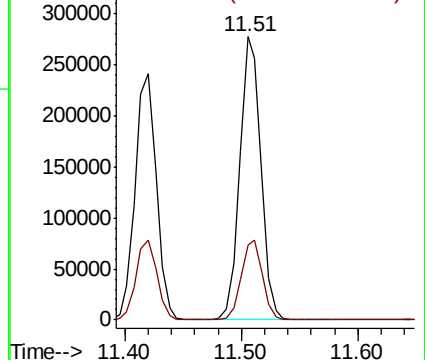
Ion Ratio Lower Upper

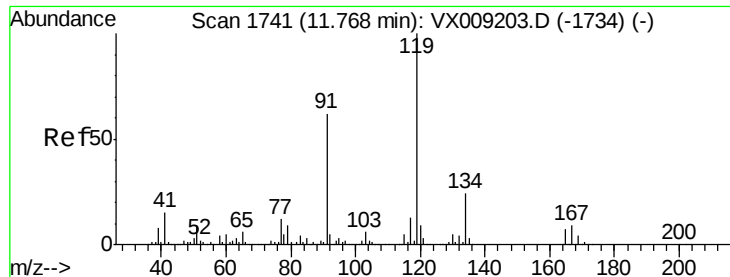
91 100

126 28.4 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

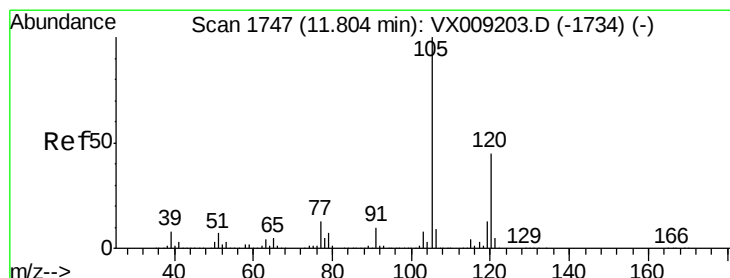
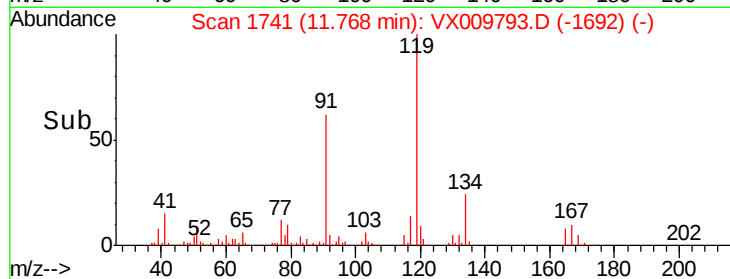
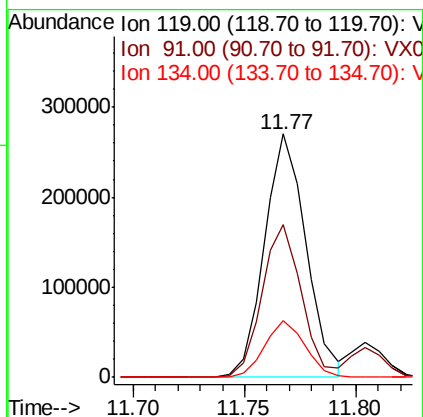
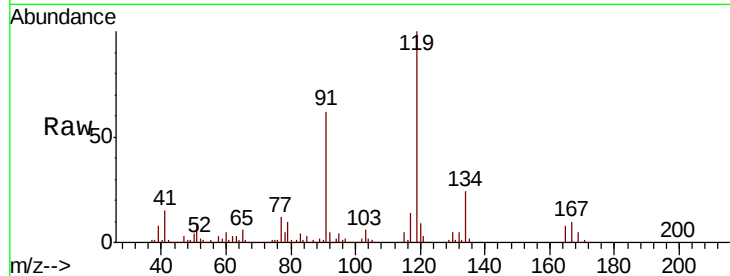




#83
 tert-Butylbenzene
 Concen: 42.880 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

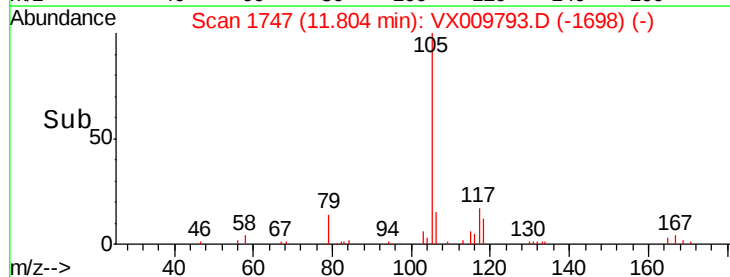
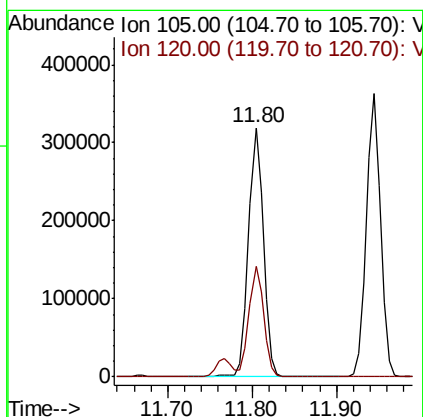
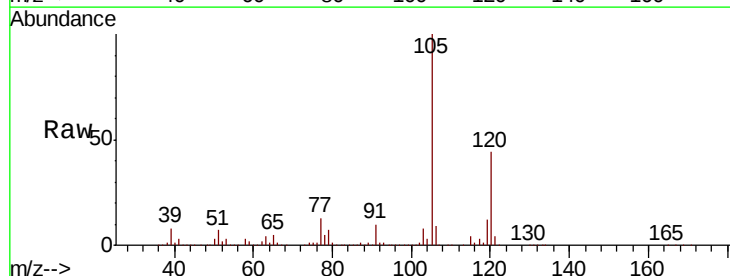
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

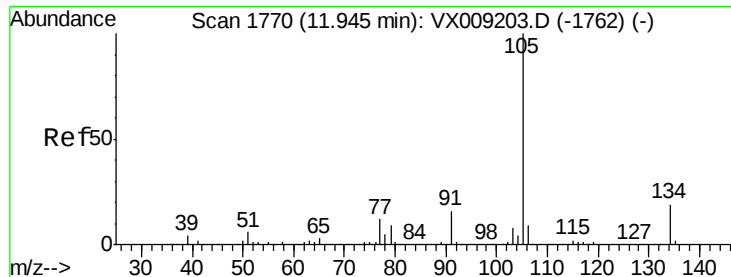
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	29.5	88.5
134	22.5	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 44.362 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.0	66.0





#85

sec-Butylbenzene

Concen: 44.037 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

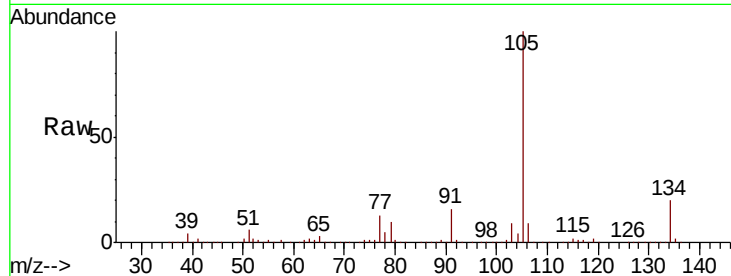
BFB

Tot Ion:105 Resp: 425287

Ion Ratio Lower Upper

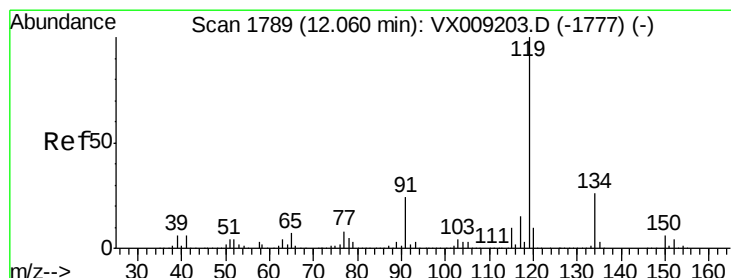
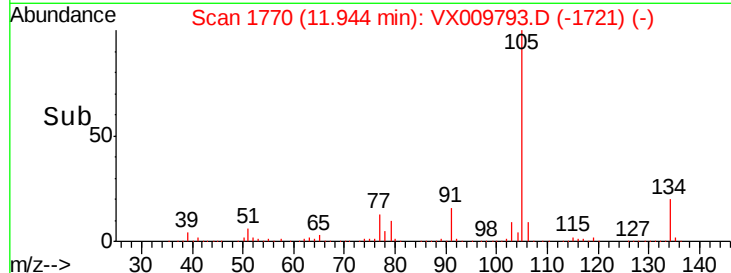
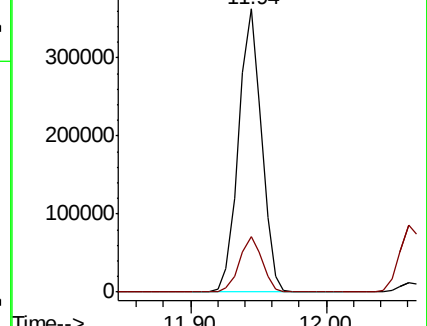
105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.231 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

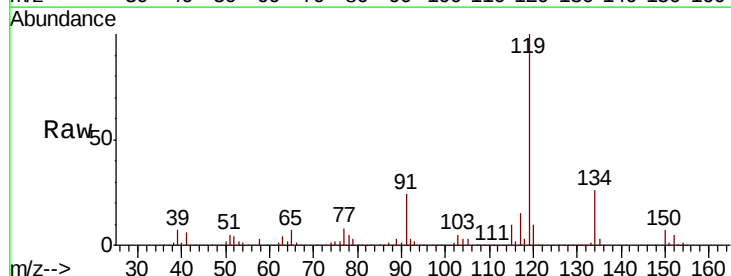
Tgt Ion:119 Resp: 392699

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

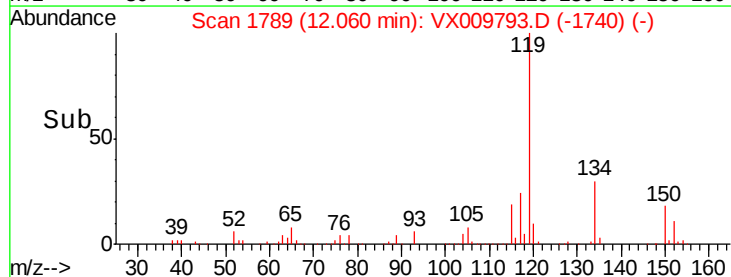
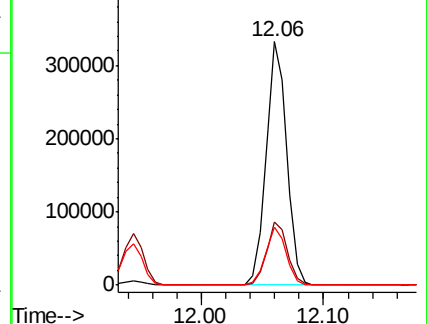
91 23.6 11.8 35.4

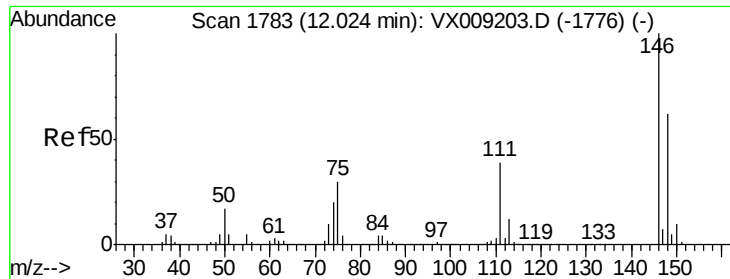


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

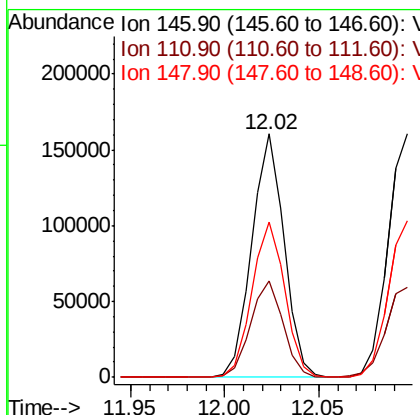
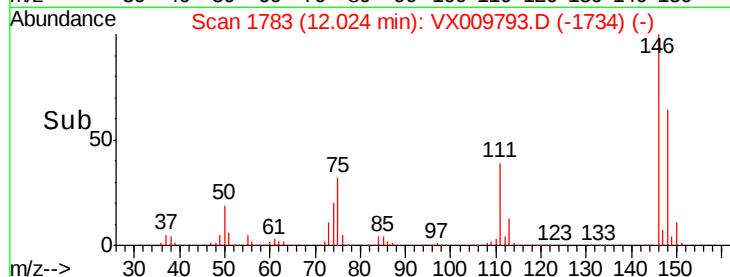
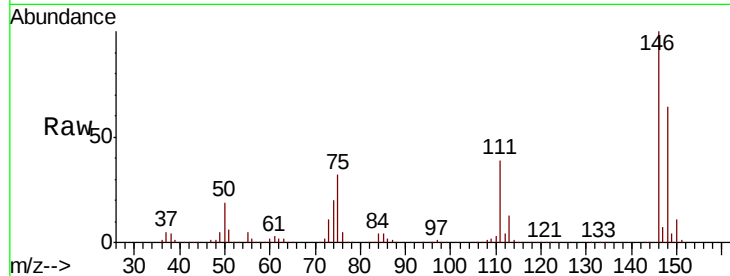




#87
 1,3-Dichlorobenzene
 Concen: 43.377 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

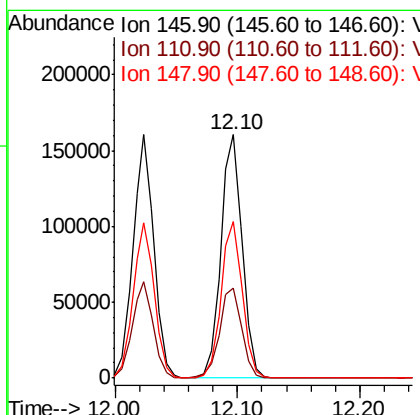
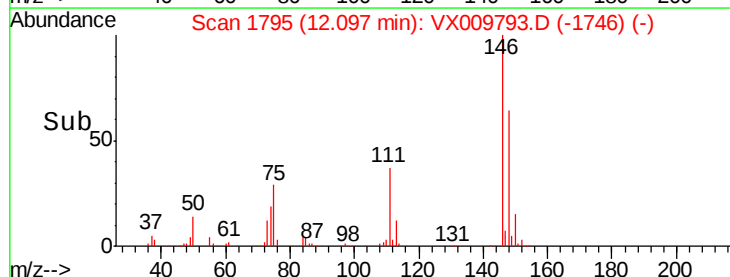
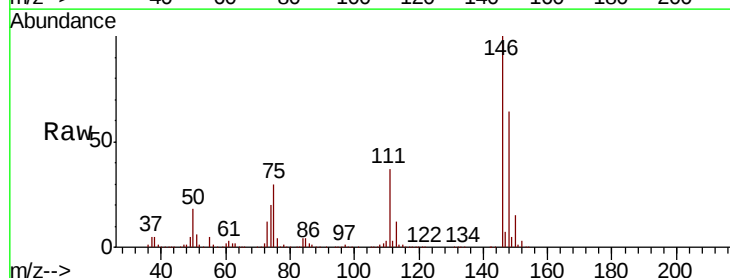
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

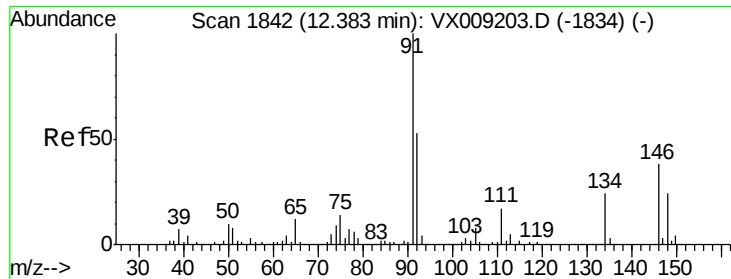
Tot Ion:146 Resp: 190873
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.558 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion:146 Resp: 193236
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 63.8 31.8 95.3

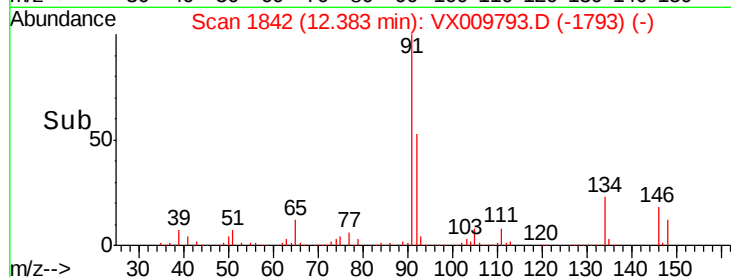
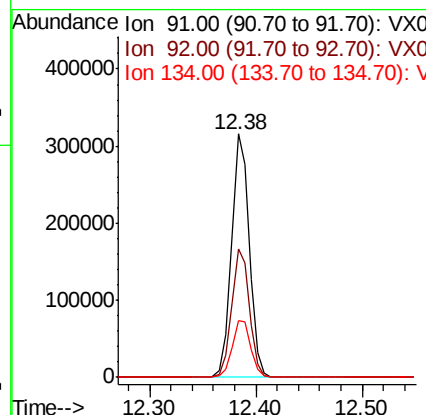
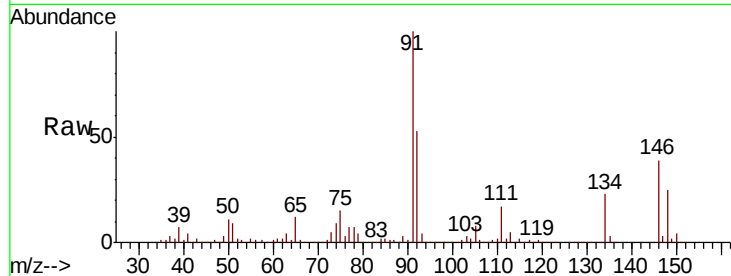




#89
n-Butylbenzene
Concen: 47.072 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

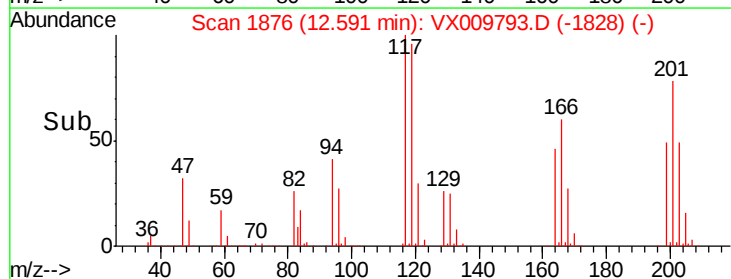
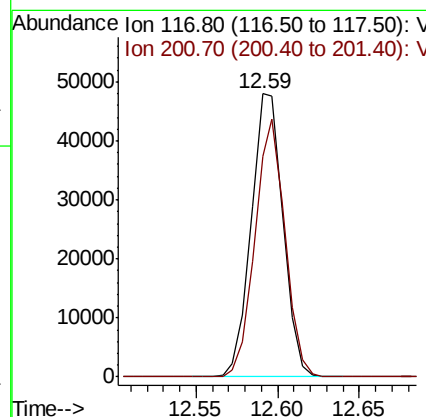
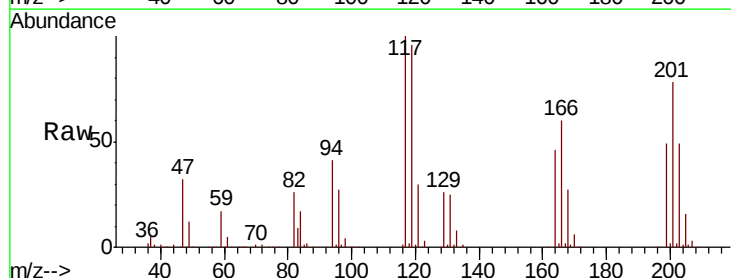
Instrument :
MSVOA_X
ClientSampleId :
BFB

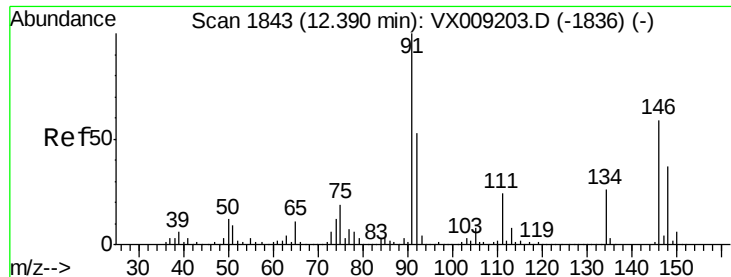
Tot Ion: 91 Resp: 369378
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.4 12.4 37.2



#90
Hexachloroethane
Concen: 44.150 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009793.D
Acq: 22 May 2019 10:23

Tgt Ion: 117 Resp: 65303
Ion Ratio Lower Upper
117 100
201 85.8 42.3 126.9

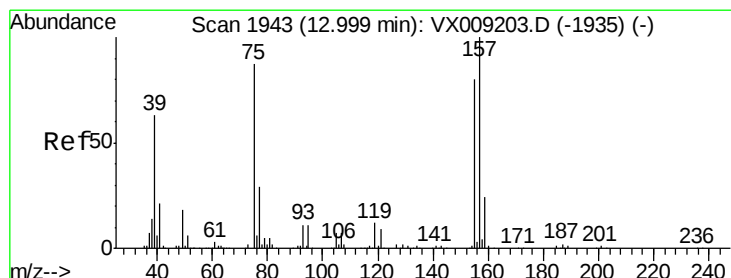
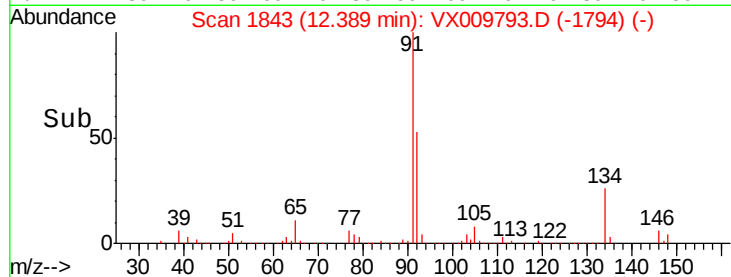
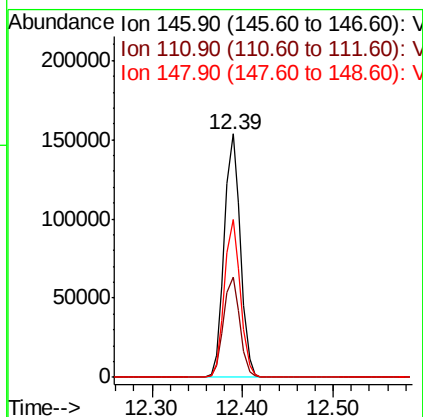
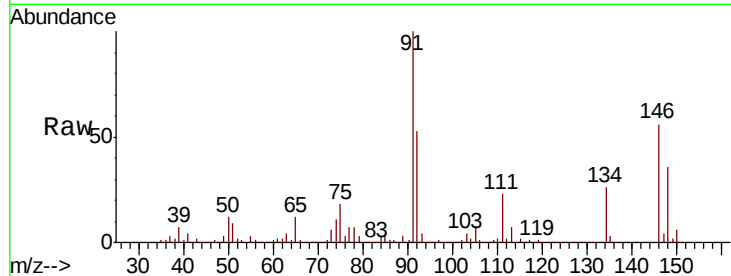




#91
 1,2-Dichlorobenzene
 Concen: 42.513 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

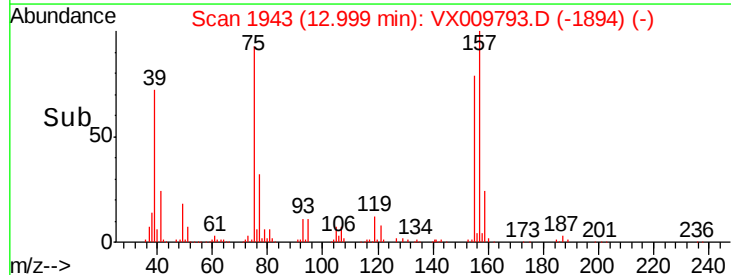
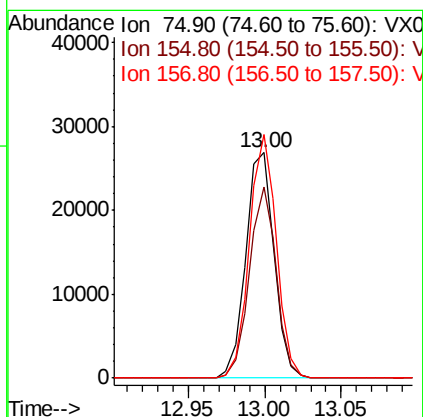
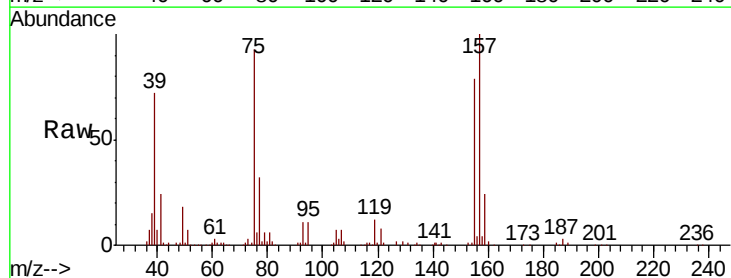
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

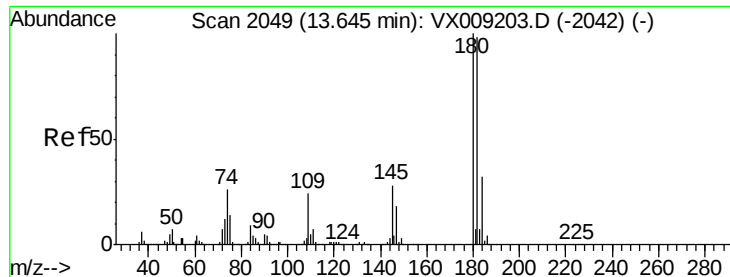
Tot Ion:146 Resp: 190540
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 63.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.583 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion: 75 Resp: 34583
 Ion Ratio Lower Upper
 75 100
 155 80.4 42.0 126.0
 157 102.8 53.2 159.6

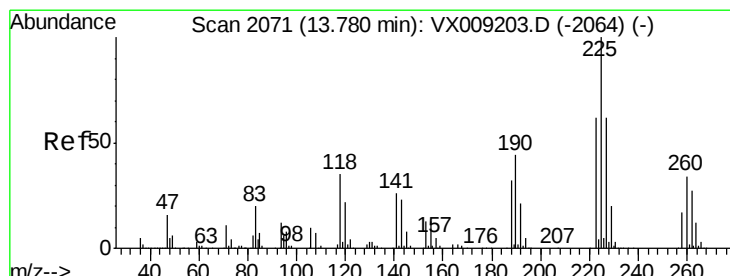
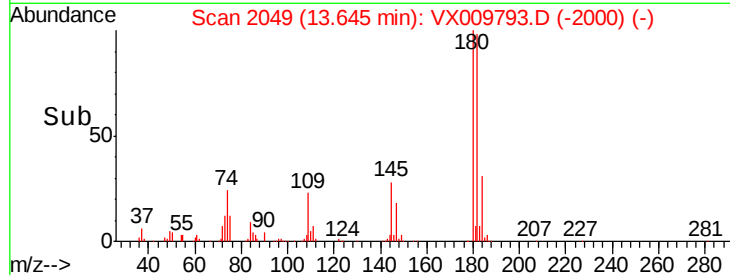
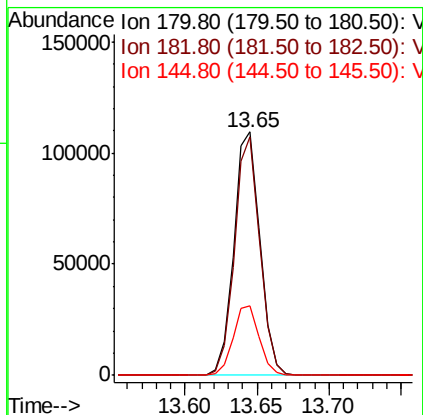
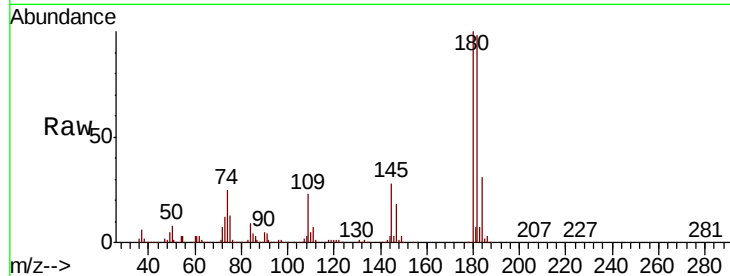




#93
 1,2,4-Trichlorobenzene
 Concen: 45.249 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

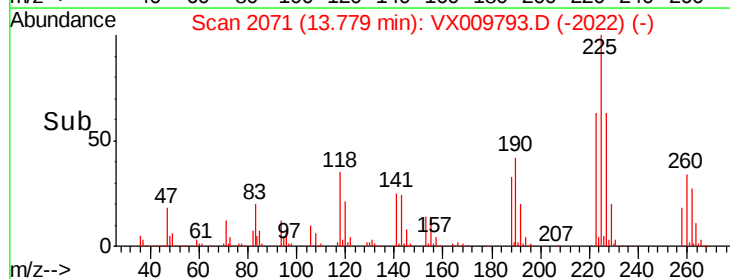
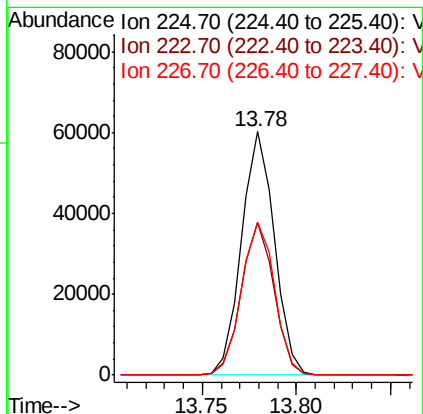
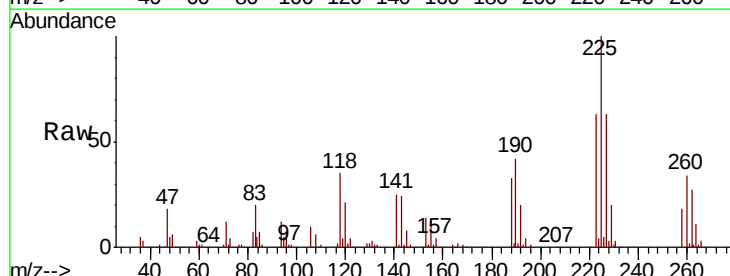
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

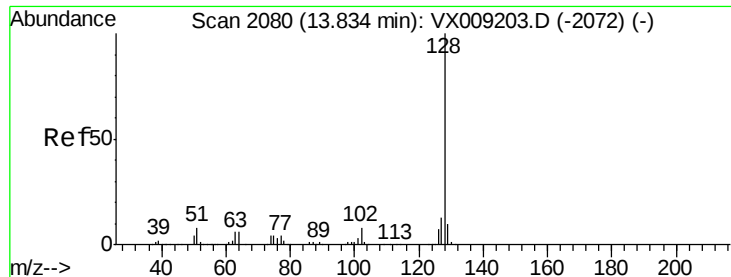
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.2
145	28.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 46.607 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009793.D
 Acq: 22 May 2019 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.3	93.8
227	63.2	31.8	95.3





#95

Naphthalene

Concen: 42.387 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

BFB

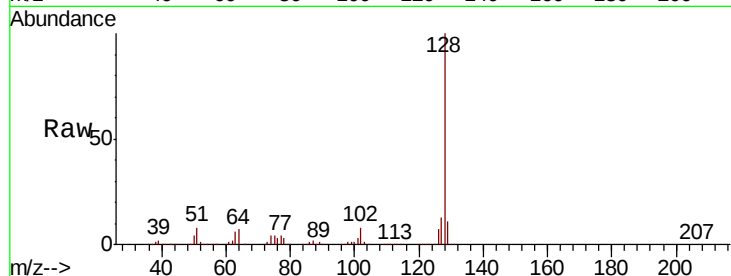
Tot Ion:128 Resp: 422656

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

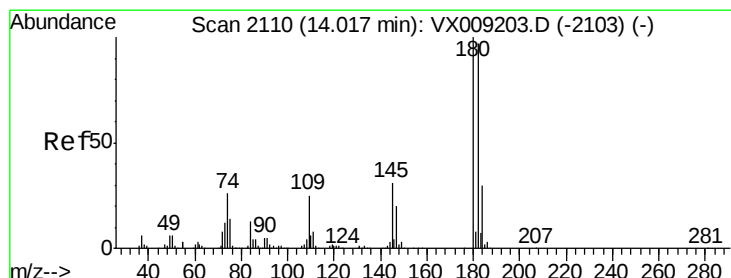
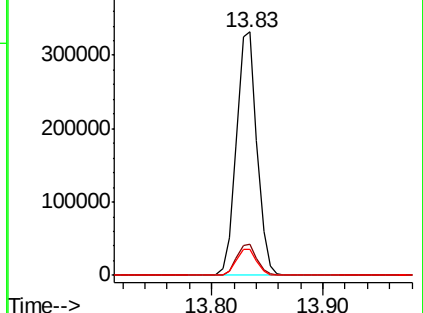
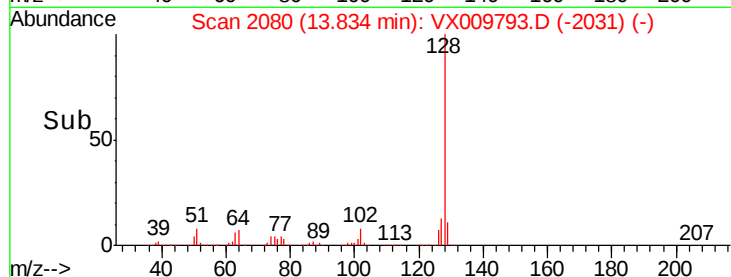
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.986 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009793.D

Acq: 22 May 2019 10:23

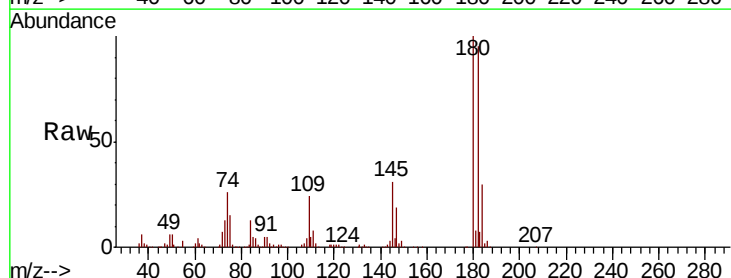
Tgt Ion:180 Resp: 136653

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.4

145 31.2 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

